CITY OF ROLLINGWOOD
CITY COUNCIL MEETING
AGENDA

Wednesday, November 18, 2020

In accordance with an order of the Office of the Governor issued March 16, 2020, the City Council of the City of Rollingwood will conduct a video conference and telephonic meeting in order to advance the public health goal of limiting face-to-face meetings (also called "social distancing") to slow the spread of the Coronavirus (COVID-19). The meeting will be held on Wednesday, November 18, 2020 at 6:30 PM. The public may watch this meeting live and have the opportunity to comment via audio devices at the link below. The public may also participate in this meeting by dialing one of the toll-free numbers below and entering the meeting ID and Passcode.

Link: https://us02web.zoom.us/j/81149050643?pwd=L3pxRlM3SHZpd3UzMzIvcTR0Mk5uUT09
Toll-Free Numbers: (833) 548-0276 or (833) 548-0282
Meeting ID: 811 4905 0643
Passcode: 2020

The public will be permitted to offer public comments via their audio devices when logged in to the meeting or telephonically by calling in as provided by the agenda and as permitted by the presiding officer during the meeting. Written questions or comments may be submitted up two hours before the meeting. A video recording of the meeting will be made and will be posted to the City's website and available to the public in accordance with the Texas Public Information Act upon written request.

CALL REGULAR CITY COUNCIL MEETING TO ORDER

1. Roll Call

PRESENTATIONS

2. Presentation of proposals for collections services by Linebarger Attorneys at Law and Perdue Brandon.

PUBLIC COMMENTS

Citizens wishing to address the City Council for items not on the agenda will be received at this time. Please limit comments to 2 minutes. In accordance with the Open Meetings Act, the City Council is restricted from discussing or taking action on items not listed on the agenda.

Citizens who wish to address the Council with regard to matters on the agenda will be received at the time the item is considered.

PUBLIC HEARING

3. Public hearing, discussion and possible action on amendments to Subdivision 2. Residential Tree Canopy Management of the City's Code of Ordinances.

4. Public hearing on a proposed Tax Note Series 2020 project: Preliminary Engineering Report for drainage improvements at Nixon and Pleasant Drives which is, a) estimated to cost $84,183, b) estimated to take 90 days, c) analyze public safety issues posed by flooding, and d) identify easement need.

CONSENT AGENDA

All Consent Agenda items listed are considered to be routine by the City Council and may be enacted by one (1) motion. There will be no separate discussion of Consent Agenda items unless a City Council Member has requested that the item be discussed, in which case the item will be removed from the Consent Agenda and considered in its normal sequence on the Regular Agenda.

5. Discussion and possible action on the minutes from the October 21, 2020 City Council meeting.

6. Discussion and possible action on a second read of a resolution authorizing a project to make certain improvements that will enhance recreational and community facilities, including athletic facilities, in various locations within Rollingwood Park, and to authorize expenditures in an amount not to exceed $30,000, pursuant to Texas Local Gov't Code Section 505.152.

7. Discussion and possible action on a second read of a resolution authorizing a project for development of a comprehensive plan, which will assist in promoting new and expanded business development and provide assistance as to how businesses create and retain jobs, and to authorize expenditures in an amount not to exceed $30,000, pursuant to Texas Local Gov't Code Section 505.158.

8. Discussion and possible action on a first read of a resolution authorizing a project for legal services necessary for the evaluation of the targeted infrastructure included in the design of MoPac South and the potential impacts on the city's commercial corridor which affects the ability to promote new and expanded business development in the city, and to authorize expenditures in an amount not to exceed $40,000, Pursuant to Texas Local Gov't Code Section 505.158.

9. Appointment of Council Members, which may be the Mayor, to serve as council liaisons for Police and Courts, Utility Commission, Streets and Roadways, Park Commission, Personnel, Budget, Planning and Zoning Commission, Board of Adjustment, and the Rollingwood Community Development Corporation.

REGULAR AGENDA

10. Nomination and election of the Mayor Pro Tempore for a term of one year and to perform the duties of the Mayor in the Mayor's absence.

11. Discussion and possible action regarding an appeal of the determination by the Building Official to not permit a curb cut for a parking pad on Edgegrove Drive for 4830 Rollingwood Drive.

12. Discussion and possible action on a site plan application by Western Hills Athletic Club.

13. Discussion and possible action on a scope of services with K. Friese + Associates, Inc. to perform a Preliminary Engineering Report for drainage improvements at Nixon and Pleasant Drives.

14. Discussion and possible action to approve Tax Note Series 2020 funding for a Preliminary Engineering Report for drainage improvements at Nixon and Pleasant Drives which is, a) estimated to cost $84,183, b) estimated to take 90 days, c) analyze public safety issues posed by flooding, and d) identify easement need.

15. Discussion and possible action on amendments to Subdivision 2. Residential Tree Canopy Management of the City's Code of Ordinances.

16. Discussion and possible action to cast a ballot for the western Travis County representative on the Board of Directors of the Travis County Appraisal District.

17. Discussion and possible action to select a firm for collections services.

18. Discussion and possible action to provide additional direction to the Comprehensive Plan Strike Force and Pegasus including but not limited to citizen input and project schedule.

19. Discussion and possible action to reappoint board and commission members whose terms are expiring for an additional two year term, grant a term-limit extension to Jim Beneke to continue to serving on the Board of Adjustment, and to to review applications and make appointments to the Park Commission, Utility Commission, RCDC, Planning and Zoning Commission and the Board of Adjustment.

20. Standing agenda item ---------- update, discussion and possible action to pass a resolution, request a meeting with, to provide information or a statement of position of the City to, and/or to request information or analyses from relevant state and local officials in connection with the proposed South Mopac expansion.

21. Standing agenda item ---------- update, discussion and possible action regarding the Bee Cave Improvement Project TXDOT has committed to co-sponsoring with the City of Rollingwood that will address the low water crossing flooding issues, expand to 5-lanes with shoulders and sidewalks throughout Rollingwood’s portion of Bee Cave Road.

REPORTS

All reports are posted to inform the public. No discussion or action will take place on items not on the regular or consent agenda.

22. City Administrator's Report

23. Municipal Court Report

24. Chief of Police Report

25. City Engineer- LNV, Inc., Report

26. City Stats for October 2020

27. Contract invoices through October 2020 - AWR Services, Inc., Water and Wastewater Services, K. Friese & Associates - IIP & MS4, LNV, Inc., City Engineer, Professional Design Group, Inspections, ATS, Building Official

28. City Financials for October 2020 - Fiscal Year 2020-2021

29. RCDC Financials for October 2020 - FY 2020-2021

30. Texas Central Appraisal District and Tax Assessor - Notices, Letters and Documents.

31. Texas Gas Service - Notices, Letters and Documents

32. AWR Services, INC., Report on Water and Wastewater for October 2020

ADJOURNMENT OF MEETING

CERTIFICATION OF POSTING

I hereby certify that the above Notice of Meeting was posted on the bulletin board at the Rollingwood Municipal Building, in Rollingwood, Texas and to the City website at www.rollingwoodtx.gov on Friday, November 13, 2020 at 4:00 p.m.

AWayman

Ashley Wayman, City Secretary

NOTICE -

The City of Rollingwood is committed to compliance with the Americans with Disabilities Act. Reasonable modifications and equal access to communications will be provided upon request. Please contact the City Secretary, at (512) 327-1838 for information. Hearing-impaired or speech-disabled persons equipped with telecommunication devices for the deaf may call (512) 272-9116 or may utilize the stateside Relay Texas Program at 1-800-735-2988.

The City Council will announce that it will go into executive session, if necessary, to deliberate any matter listed on this agenda for which an exception to open meetings requirements permits such closed deliberation, including but not limited to consultation with the city's attorney(s) pursuant to Texas Local Government Code section 551.071, as announced at the time of the closed session.

Consultation with legal counsel pursuant to section 551.071 of the Texas Local Government Code;
discussion of personnel matters pursuant to section 551.074 of the Texas Local Government Code;
real estate acquisition pursuant to section 551.072 of the Texas Local Government Code;
prospective gifts pursuant to section 551.073 of the Texas Local Government Code;
security personnel and device pursuant to section 551.076 of the Texas Local Government Code;
and/or economic development pursuant to section 551.087 of the Texas Local Government Code.
Action, if any, will be taken in open session.

ROLLINGWOOD TEXAS

Date: October 16, 2020

To: Mayor and Council Members of the City of Rollingwood

From: Jordan Scott, Chair of Planning and Zoning Commission

Subject: Recommendations regarding the Residential Tree Canopy Management Ordinance

The Planning and Zoning Commission met October 7, 2020. On the agenda was an item to discuss and make a recommendation to the City Council regarding proposed amendments to the Residential Tree Canopy Management Ordinance. They held a public hearing, during which, there were no comments received.

Council Member Amy Pattillo presented the suggested amendments as individual items, A-M, and the Commission acted on each of the letter items. Below is a list of recommendations proposed by the Commission for each item. References to page numbers coincide with the document titled, *Residential Tree Canopy for P&Z_draft2*. The letter items can be referenced on pages 3 and 4 of the document. Highlights indicate language added by the Commission and strike outs indicate deletions by the Commission.

A - Accept the language as proposed. These changes are found throughout the document.

B - Accept the language as proposed. Please find proposed language on page 8.

C – City Arborist may reduce or waive fees if removal is necessary after efforts are made to revive and/or through no fault of the property owner. Recommend this language. Reference page 10.
(e) If the city arborist determines that an applicant provides sufficient documentation from a certified arborist that a protected tree is diseased, dead, or poses an imminent or immediate threat to persons or property due to natural causes only, and also not as a result of intentional bleaching, root cutting, or pruning more than 25% of the canopy, ~~and that the certified arborist has documented at least two prior actions performed by the certified arborist within the previous three years to mitigate the condition~~, the city arborist may reduce or waive the replacement tree requirement for the protected tree and reduce or waive the tree replacement application fee.

(f) If a protected tree is required to be removed under section 18-209, the city arborist may reduce or waive the replacement tree requirement for the protected tree and may reduce or waive the tree replacement application fee.

D – Tree removal permit to be displayed in vehicle when home is not under construction. Recommend this language. Please reference page 8.

(1) During removal of protected trees, the tree removal permit shall be displayed on the construction board for the site, if present, or otherwise be displayed on a sign within the first 5 feet of the front yard setback.

If the house is not under construction, the permit for tree removal shall be placed on the dashboard of the permitted vendor's vehicle.

E – Recommend against requirements to notice neighbors. Recommend this language. Please reference page 8.

~~(2) Prior to removal of protected trees, the permit recipient shall provide a copy of the tree removal permit to all adjoining property owners and those directly across an adjacent street.~~

F - Recommend do not address critical root zone at this time. Please reference page 7.

G – Recommend keep current language as it is clear as currently written. No amendments were suggested in the document.

H – Recommend Council remove Cedar Elms from list of protected species after receiving additional feedback from City Arborist (vote of 3-2). Please reference page 5.

I – Add Cherry Laurel to list of acceptable replacement trees. Please reference page 6.

J – Establish that all trees with a diameter of 6 inches to be shown on the tree survey and protection plan. Accept the language as proposed. Please reference page 11.

K – Recommend do not require separation of demolition and tree permit. No amendments were suggested in the document.

L – No recommendation. No amendments were suggested in the document.

M – Recommend city allow flexibility in planting the replacement trees prior to the removal of trees at least as much as 1 year. Please reference page 9.

Tree Canopy Ordinance:

Staff Suggestions for Amendments

1. If a property owner or resident can provide evidence of disease mitigation by a licensed arborist, and the removal of that tree is still required after treatment, the fee for tree removal shall be $35.00. The tree must be replaced with a species from the replacement list, but the size requirement shall be 2”.
2. All species of trees with diameters greater than 12” shall be included on tree surveys.
3. Tree removal permits must be posted on site, either on the construction board if the property is under active permit, or in the dashboard of contractor’s vehicle, if the property is not under construction.

Tree Ordinance Meeting History

10/17/2018 – Regular Council Meeting
9.18 DISCUSSION AND POSSIBLE ACTION REGARDING A TREE CANOPY MANAGEMENT ORDINANCE. (CM Pattillo/CM Hundley)

11/28/2018 – Regular Council Meeting
10.02 DISCUSSION AND POSSIBLE ACTION TO APPROVE A NEW CITY ORDINANCE REGARDING TREE CANOPY MANAGEMENT. (CM Pattillo/CM Hundley)

12/19/2018 – Regular Council Meeting
4.01 OPEN PUBLIC HEARING - To adopt a new city ordinance regarding Tree Canopy Management in the City. (CM Pattillo/CM Hundley)

02/20/2019 – Regular Council Meeting
4.01 OPEN PUBLIC HEARING – To adopt a new City ordinance regarding Tree Canopy Management in the City. (CM Pattillo/CM Hundley)

4/17/2019 – Regular Council Meeting
8.02 DISCUSSION AND POSSIBLE ACTION REGARDING REVIEW OF THE TREE CANOPY ORDINANCE AND ADOPTION OF AN AMENDMENT TO 3.05.002(E). (Recommended by City Attorney)
7.02 DISCUSSION AND POSSIBLE ACTION TO APPROVE AMENDMENTS TO ARTICLE 3.05 AND TO ADOPT A TREE PERMIT APPLICATION, TREE PERMIT, GOOD NEIGHBOR PLANTING CONSENT FORM, TREE CANOPY ORDINANCE FLOWCHART, AND TREE CANOPY ORDINANCE FEE SCHEDULE. (CM Pattillo/CM Hundley)

5/15/2019 - Regular Council Meeting
8.01 DISCUSSION AND POSSIBLE ACTION REGARDING AMENDMENTS TO THE TREE CANOPY ORDINANCE AND TO ADOPT AMENDMENTS THERETO.

08/21/2019 - Regular Council Meeting
5.05 PUBLIC HEARING – TO AMEND THE CITY'S CODE OF ORDINANCES BY MOVING THE LANDSCAPING REGULATIONS FROM SECTION 3.05 TO SECTION 14.02.131 AND REVISING THE DEFINITION OF DEVELOPMENT APPLICATION REQUIREMENTS TO INCLUDE A TREE SURVEY AND PROTECTION PLAN FROM A CERTIFIED ARBORIST. (Recommended by City Attorney)

11/06/2019 – Planning and Zoning Commission Meeting
5 - Public hearing regarding Subdivision 2, Residential Tree Canopy Management of the City's Code of Ordinances.
6 - Discussion regarding Subdivision 2, Residential Tree Canopy Management of the City's Code of Ordinances

2/05/2020 Planning and Zoning Commission Meeting

4 - Presentation and discussion on the Residential Tree Canopy Management Ordinance. (Requested by P&Z)

7/15/2020 – Regular Council Meeting

19. Discussion and possible action to initiate a review by the Planning and Zoning Commission of amendments to the Residential Tree Canopy Management Ordinance. (CM Pattillo/CM Hundley)

8/05/2020 – Planning and Zoning Commission Meeting

4. Discussion and possible action on amendments to the Residential Tree Canopy Management Ordinance.

8/26/2020 – Regular Council Meeting

16. Discussion and possible action to revise the tree canopy ordinance to require anyone cutting down trees to have the approved permit on-site while removal is in progress and to provide a copy of the permit to all adjoining property owners and those directly across an adjacent street. (CM Hutson)

9/02/2020 – Planning and Zoning Commission Meeting

Agenda Item - 4. Discussion on amendments to the Residential Tree Canopy Management Ordinance and possible action to set a public hearing for the October Planning and Zoning Commission meeting.

AMENDMENT Decisions

(A) Adjustments in view of section numbering from the recodification; (CM Pattillo/CM Hundley)

(B) Considering timing requirements in the ordinance in view of the what the City is learning about timing requirements during the pandemic (CM Pattillo/CM Hundley)

(C) Considering waivers to replacement tree requirements for protected trees that are subject to removal under oak wilt abatement and also where documented efforts have been made to try to save a tree. (CM Pattillo/CM Hundley)
(C1) Replacement tree waiver conditions for documented efforts to save a tree
(C2) Replacement tree waiver for trees subject to removal under oak wilt abatement
(C3) Application fee waiver

(D) On property notice requirements (CM Hutson)

(E) Mailed notice requirements (CM Hutson)

(F) Critical root zone calculation clarification (Building Official Caylor)
(F1) Add formula for calculating the critical root zone and what qualifies as removal within the critical root zone
(F2) Evaluate whether to maintain Section 107-375(i)(Root zone for neighbor trees) in view of any amendments to the definition of critical root zone.

(G) Setback clarifications (CM Hundley)
- For discussion
- Resident question came in of how does one know what one's setbacks are if not in a construction phase? Plat? Where does one get one's plat? The resident also asked what impact the easements/right of way on a property have in determining whether a setback is within 107-375(a) or (b). (CM Pattillo)

(H) Evaluation of tree types defined as protected species under 107-371(a) (Commissioner Nash)
- P&Z commission member request to evaluate removal of (4) Elm, Cedar from the list of protected species.

(I) Evaluation of tree types defined as replacement species under 107-371(c)
- Resident request to evaluate the addition of the cherry laurel, a native species, to the list of replacement species.

(J) Tree survey minimum size of trees (Building Official Caylor)

(K) Demo permit timing and encouragement to keep trees until a building permit is issued (CM Hutson)
- Additional discussion requested. No amendments proposed below.

Commented [AP1]: I included the language from the agenda item from CM Hutson.

Commented [AP2]: I made an attempt at this definition based on information about critical root zone calculations available online. Would appreciate comments from arborists.

Commented [AP3]: I have not changed the language because I think the language is clear in 107-375, but am open to changes.

(L) Tree health maintenance if no house is built (Commissioner Robinette)
- Additional discussion requested. No amendments proposed below.

(M) Delayed time period for removal of tree after permit granted
- Resident request to evaluate allowing for a resident to apply for a permit to remove a tree that is in decline in the future and plant the replacement trees now, but be allowed a 1-3 year period to remove the tree.

Subdivision 2. - Residential Tree Canopy Management

Sec. 107-369. - Purpose.

(a) The tree code regulations protect the health, safety, and general welfare of the citizens of the city. In doing so, the appearance of the city is enhanced and important ecological, cultural, and economic resources are protected for the benefit of the city's residents, businesses, and visitors.

(b) The sections within this subdivision address trees in both development and non-development situations and seek to enhance the quality of the tree canopy and optimize the benefits that trees provide.

(c) For development situations, additional requirements to this subdivision are designated in 107-376.

Commented [AP4]: Amendment (A)

Deleted: chapter 10 of this Code

(Ord. No. 2019-02-20(B) , § 1(3.05.004), 2-20-2019; Ord. No. 2019-08-21(B) , § 3, 8-21-2019)

Sec. 107-370. - Applicability.

This subdivision applies to property in the residential zoning district and to any other property to which section 107-341 of this Code does not apply.

(Ord. No. 2019-02-20(B) , § 1(3.05.005), 2-20-2019; Ord. No. 2019-08-21(B) , § 3, 8-21-2019)

Sec. 107-371. - Definitions.

In this subdivision:

(a) *Protected species* means:

(1) Ash, Texas

(2) Cypress, Bald

(3) Elm, American

(4) Elm, Cedar

Commented [AP5]: Amendment (H), strike species

(5) Madrone, Texas

(6) Maple, Bigtooth

(7) All Oaks

(8) Pecan

(9) Walnut, Arizona

(10) Walnut, Eastern Black

(b) *Protected tree* means a tree that has a trunk with a diameter of 12 inches or more, measured four and one-half feet above ground, and is one of the protected species;

(c) *Replacement species* means:

(1) For trees planted within 20 feet of an above-ground power, cable, or telephone line:

a. Anacacho Orchid Tree
b. Common Tree Senna
c. Crape Myrtle (dwarf)
d. Desert Willow
e. Evergreen Sumac
f. Eve's Necklace
g. Flameleaf Sumac
h. Goldenball Leadtree
i. Mexican Buckeye
j. Mexican Plum
k. Possumhaw Holly
l. Rough Leaf Dogwood
m. Texas Mountain Laurel
n. Texas Persimmon
o. Texas Pistache
p. Texas Redbud
q. Wax Myrtle
r. Yaupon Holly
s. Cherry Laurel

Commented [AP6]: Amendment (l)

(2) For all other trees planted within a property, a protected species.

(d) *Replacement tree* means:

(1) For the replacement species listed in subsection (c)(l), a tree at least eight feet high when planted, which shall be maintained in a healthy condition after planting;

(2) For the replacement species listed in subsection (c)(2), a tree with a diameter equal to not less than one-fourth the diameter of the protected tree it replaces up to a maximum diameter of six inches, which shall be maintained in a healthy condition after planting. The diameter of protected and replacement trees shall be measured four and one-half feet above the ground when planted.

(e) *Removal* means an act that causes or may be reasonably expected to cause a tree to die, including:

(1) Uprooting;

(2) Severing the main trunk;

(3) Damaging the root system, including, but not limited to:

a. Adjusting the grading of a lot to cover or uncover a tree trunk or root system to the extent that the adjusted grading causes or may be reasonably expected to cause the tree to die; or

b. Placing fixtures over more than 50% of the total root system to the extent that the placement of the fixtures causes or may be reasonable expected to cause the tree to die.

For purposes of determining the total root system, the radius of the root system is assessed as within the area that is a number of feet in diameter from the outer edge of the tree trunk at four and one-half feet from the ground based on the ratio of one and a half feet for each inch of diameter of the tree trunk.

(4) Excessive pruning, including, but not limited to, pruning that exceeds 25 percent of the canopy of the tree.

(f) *Certified arborist* means an ISA certified arborist.

(Ord. No. 2019-02-20(B) , § 1(3.05.006), 2-20-2019; Ord. No. 2019-08-21(B) , § 3, 8-21-2019)

Sec. 107-372. - Administration.

(a) A city arborist shall be appointed by the city council to assist in promulgating forms for use under this subdivision and to decide all applications for removal of a protected tree.

(b) If an applicant requests a variance as permitted under this subdivision, the city arborist shall direct the request to the city council and make a recommendation to the city council whether to approve the variance request.

(c) The list of eligible protected tree species under subsection 107-371(a) and the list of eligible replacement tree species under 107-371(c) may be supplemented by approval of the city council, in consultation with the city arborist or as provided by subsection (e).

(d) An applicant may satisfy a tree replacement requirement by planting the required replacement tree(s) on the property affected by the protected tree removal, or on one or more other property(s) approved by the arborist or other designated agent of the city if:

(1) The benefit to residents of the city would be as great as replacement on the property affected by the protected tree removal; and

(2) The owner(s) of such other property(s) agree in writing to maintain the replacement trees in a healthy condition and replace same with like trees, as necessary as a result of a death of such tree(s), for a period of not less than three years.

(e) For purposes of subsections 107-372(c) and (d) the city and the owner may consult with an academic organization, state agency, nonprofit organization, or the city arborist to identify an area for which tree planting will best address the science-based benefits of trees and other reforestation needs of the municipality within and outside of the city limits.

(f) The city council shall provide for fees payable for review of applications for permits and variances pursuant to this division.

(Ord. No. 2019-02-20(B) , § 1(3.05.007), 2-20-2019; Ord. No. 2019-08-21(B) , § 3, 8-21-2019)

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Commented [AP7]: Amendment (F1)

Commented [AP8]: Amendment (A)

Deleted: (g)

Commented [AP9]: Amendment (A)

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Sec. 107-373. - Removal of protected trees.

(a) A person may not remove a protected tree without a tree removal permit for the removal and compliance with the terms of this subdivision.

(1) During removal of protected trees, the tree removal permit shall be displayed on the construction board for the site, if present, or otherwise be displayed on a sign within the first 5 feet of the front yard setback.

(2) Prior to removal of protected trees, the permit recipient shall provide a copy of the tree removal permit to all adjoining property owners and those directly across an adjacent street.

Commented [AP10]: Amendment (D)

Commented [AP11]: Amendment (E)

(b) Emergency pruning or removal. Notwithstanding subsection 107-373(a), a person may perform emergency pruning or removal of a protected tree as follows:

(1) When the condition or location of a protected tree presents a clear and immediate danger to a structure or to the health and safety of the public, the hazardous portion of the protected tree may be removed without first obtaining a required tree removal permit.

(2) In the course of performing emergency repairs to a road or water, wastewater, or drainage facilities, agents or contractors of the city may trim, prune or remove a protected tree as required to perform such work without first obtaining a tree removal permit. If such activities occur during normal business hours, the city shall first attempt to contact the city arborist to determine if the city arborist can provide immediate guidance and assistance. If such assistance is not immediately available, then the pruning or removal may occur in accordance with the requirements under chapter 18, article V of this Code.

(3) Any person who prunes or removes a protected tree under the provisions of this subsection shall, within fourteen (14) days of such action or as soon as practicable if there is a coinciding declaration of a state of emergency in the City, apply for a tree removal permit providing for replacement trees as required by this subdivision. The application shall include photographs or other documentation to demonstrate the requisite clear and immediate danger. The city arborist will evaluate the information to determine whether a clear and immediate danger existed. A failure to submit an application or a failure to submit information demonstrating the clear and immediate danger shall constitute a violation of this subdivision.

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Commented [AP12]: Amendment (B)

(c) The requirements of this subdivision apply to trees on public and private property. To the extent of conflict with another section of the Code, this subdivision applies.

(Ord. No. 2019-02-20(B) , § 1(3.05.008), 2-20-2019; Ord. No. 2019-08-21(B) , § 3, 8-21-2019)

Deleted: ¶

Sec. 107-374. - Application for protected tree removal and tree removal permits.

(a) An applicant may request a tree removal permit application from the city by phone, U.S. mail, fax, email or in person.

(b) An application for removal of a protected tree located on public property, a right-of-way or a public easement may be submitted by:

(1) An agent of the city, a public utility, or another political subdivision with the authority to install the public facilities and perform the work necessitating the removal of the protected tree; or

(2) The owner of the property adjoining the site of the protected tree.

(c) An application for removal of a protected tree on private property may be submitted by or on behalf of the owner of the property on which the tree is located.

(d) An application for removal of one or more protected tree(s) must be submitted to the city secretary and approved prior to removal of the protected tree. If the application is approved as provided for in this subdivision, a permit shall be issued indicating each protected tree that is approved for removal and indicating the location(s) and size(s) of any required replacement trees and the dates by which replacement trees must be planted.

(e) An application that proposes removal of a protected tree shall include the required permit application fee.

(f) An application for removal of a protected tree shall include any proposal for type(s) and location(s) of replacement trees on a site plan of affected property(s).

(g) A permit for removal of a protected tree expires one year after its effective date except that if any building permit issued for the associated property expires or is revoked for any reason, the permit for removal of a tree shall expire as well. Subject to applicable expiration, a permit for removal of tree(s) is transferable to a subsequent owner of the affected property, provided that any obligation in the permit with respect to replacement trees is assumed by the transferee.

(h) The removal of a protected tree permitted under a tree removal permit must be completed within one (1) year from the date of issuance of the tree removal permit.

Commented [AP13]: Amendment (M)

(Ord. No. 2019-02-20(B) , § 1(3.05.009), 2-20-2019; Ord. No. 2019-08-21(B) , § 3, 8-21-2019)

Sec. 107-375. - Conditions for approval.

(a) If the protected tree is located within a setback area and the total width of the setback area is greater than ten feet from the edge of a property, the protected tree shall be replaced with a total of three replacement trees that may include a selection of replacement trees under subsections 107-371(d)(l) and (d)(2), and shall include at least one replacement trees under subsection 107-371(d)(2).

(b) If the protected tree is not located within an area specified in subsection 107-374(a), the protected tree shall be replaced by one replacement tree under either subsection 107-371(d)(l) or subsection 107-371(d)(2).

(c) If the protected tree trunk straddles an area specified in subsection 107-374(a), the protected tree is deemed to be in the area specified in subsection 107-374(a) if more than half of the diameter of the tree is within the area specified in subsection 107-374(a).

(d) If the city arborist determines under subsection 107-373(b)(3) that an emergency existed at the time of removal that necessitated expedited removal or an applicant provides documentation from a certified arborist that a protected tree is diseased, dead, or poses an imminent or immediate threat to persons or property due to natural causes only and the protected tree falls under subsection 107-375(a), the city arborist may reduce the replacement tree requirement to one replacement tree under either subsection 107-371(d)(l) or subsection 107-371(d)(2).

(e) If the city arborist determines that an applicant provides sufficient documentation from a certified arborist that a protected tree is diseased, dead, or poses an imminent or immediate threat to persons or property due to natural causes only, and also not as a result of intentional bleaching, root cutting, or pruning more than 25% of the canopy, and that the certified arborist has documented at least two prior actions performed by the certified arborist within the previous three years to mitigate the condition, the city arborist may waive the replacement tree requirement for the protected tree and waive the tree replacement application fee.

(f) If a protected tree is required to be removed under section 18-209, the city arborist may waive the replacement tree requirement for the protected tree. and waive the tree replacement application fee.

(g) The mayor may act to waive the replacement tree requirement under this subsection for a storm event, wildfire or other calamity that causes widespread or costly damage to multiple protected trees throughout the city.

(h) For a permit filed with an application for development of any improvements or structures, if the density of protected trees in an area described in subsection 107-374(b) is greater than seven protected trees, the number of replacement trees required under subsection 107-374(b) for a removal from such area is capped at seven replacement trees, at least three of which shall meet the requirements of subsection 107-371(d)(2).

(i) If a protected tree has a trunk on a first property and roots and canopy that extend into a second property, the owner of the second property is required to obtain a tree removal permit for removal of the protected tree prior to performing any actions that constitute removal under subsection 107-371(f) on the second property. For purposes of determining removal under this subsection for 107-371(f), damage to the root system is assessed within the area that is a number of feet in diameter from the outer edge of the tree trunk at four and one-half feet from the ground based on a ratio of one foot for each inch of diameter of the tree trunk. If the actions by the owner of the second property as to the protected tree trigger a requirement for the owner of the first property to apply for a tree removal permit for the protected tree, the application review fee as to the protected tree on the first property is waived.

(Ord. No. 2019-02-20(B) , § 1(3.05.009), 2-20-2019; Ord. No. 2019-08-21(B) , § 3, 8-21-2019)

Sec. 107-376. - Development application requirements.

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(a) An application for a building permit must:

(1) Include a tree survey and protection plan of all existing trees on the property that are at least 6 inches in diameter measured four and one-half feet above the ground;

Commented [AP23]: Amendment (J)

(2) Include a grading and tree protection plan for protecting all protected trees that are not approved for removal;

(3) Demonstrate that the design will preserve the existing natural character of the landscape as to any protected trees not approved for removal; and

(4) Include a tree removal permit application with required fees for review of each proposed removal of a protected tree.

(b) The building official may not release or renew a building permit until the city arborist issues a tree removal permit for each protected tree proposed to be removed.

(Ord. No. 2019-02-20(B) , § 1(3.05.010), 2-20-2019; Ord. No. 2019-08-21(B) , § 3, 8-21-2019)

Sec. 107-377. - Administrative variance.

(a) The city council may grant an administrative variance from the requirements of this division if the city council determines by a simple majority that owing to special conditions pertaining to the affected property, literal enforcement of the provisions of this division will result in unnecessary hardship, and the granting of the variance will not be contrary to the public interest.

(b) In considering any proposed variance, the following rules shall be observed:

(1) The applicant for the variance must present to the city council a set of plans prepared by a certified arborist setting out the applicant's proposal and the nature of the proposed variance;

(2) The proposed variance may not unreasonably affect any adjoining property or the general welfare of the community; and

(3) The city council must find that the applicant did not create the condition necessitating the variance.

(c) If the city council grants a variance under this subdivision, the city arborist may issue a tree removal permit with terms consistent with any terms and conditions of the granted variance.

(Ord. No. 2019-02-20(B) , § 1(3.05.011), 2-20-2019; Ord. No. 2019-08-21(B) , § 3, 8-21-2019)

Sec. 107-378. - Replacement procedure.

(a) Whenever replacement trees are required by the terms of this subdivision, the owner shall submit to the city arborist for approval a replacement site plan showing the locations, species and sizes of all replacement trees and vegetation for final approval by the city arborist. If during installation, the owner is unable to conform to the approved replacement site plan because conformance is not feasible due to subsurface conditions that could not reasonably have been foreseen that make the viability of the tree in the planned location

unlikely, then the owner must submit an amended site plan to the city arborist within seven days of the discovery of unforeseen subsurface conditions for approval by the city arborist. An amended site plan must provide for no fewer replacement trees or cumulative size of replacement trees than provided in the originally approved replacement plan.

(b) Installation of the replacement trees must be completed within the time period designated by the city arborist in the tree removal permit, however, in no event will the time period be longer than one year, however this time period is abated while a property is under construction where replacement trees are required.

(c) The owner shall notify the city arborist upon completion of the installation. If more than one protected tree has been replaced, the city arborist may then inspect for compliance with the approved replacement plan.

(d) All replacement trees must survive at least three years. The city arborist may contact the owner during this three year period to arrange for a site visit by the city arborist in order to confirm the replacement trees have survived. Replacement trees that do not survive for three years must be removed and replaced with similar species and sized trees.

(e) The owner of property from which the removal of one or more protected trees was permitted shall arrange for the transferee(s) of such property to submit to the city secretary a written transfer to and assumption by such transferee(s) of the permit and all obligations of such permit with respect to required replacement trees, if all such obligations have not been satisfied at the time of transfer of the property.

(Ord. No. 2019-02-20(B) , § 1(3.05.013), 2-20-2019; Ord. No. 2019-08-21(B) , § 3, 8-21-2019)

Sec. 107-379. - Violations/penalties.

(a) It shall be an offense for a person:

(1) To fail to perform an act required by the provisions of this subdivision;

(2) To fail to timely comply with any term of a permit issued pursuant to this division, including terms regarding the planting and maintenance of required replacement trees;

(3) To hire, engage, or permit any person engaged in the business tree planting, maintenance, or removal to perform such services on property in the city without a permit issued by the city pursuant to section 18-217 of this Code;

(4) Except as expressly allowed pursuant to this subdivision, to remove or to cause the removal of a protected tree without first obtaining a permit therefor;

(5) To transfer property from which the removal of a protected tree has been permitted if all obligations with respect to replacement trees pursuant to the permit for such removal are not then fulfilled unless the transferee of the property agrees in a writing submitted to the city secretary to assume such permit and all obligations with respect to the planting and maintenance of required replacement trees;

(6) To fail to submit an application for a permit as required pursuant to subsection (b) of this section or pursuant to subsection 107-373(b)(3); or

(7) To fail to submit photographs or other documentation to demonstrate a requisite clear and immediate danger pursuant to subsection 107-373(b)(3) in connection with an unpermitted removal of a protect tree.

(b) An offense shall constitute a Class C misdemeanor punishable by a fine not to exceed $500.00. An offense committed intentionally, knowingly, recklessly, or with criminal negligence shall be punishable by a fine not to exceed $2000.00 per offense. Each protected tree removed in violation of this division shall constitute a separate offense, and a failure to plant and maintain each replacement tree shall constitute a separate offense. Each day a violation continues shall constitute a separate offense.

(c) The owner of affected property and each person who causes or directs another person to remove a protected tree without a permit shall immediately submit an application for a permit pursuant to this subdivision, including a proposal for the provision of replacement tree(s) in compliance with this subdivision.

(d) The building official shall issue a stop work order in connection with any permitted development of the property from which a protected tree is removed upon the occurrence of a violation of this subdivision or any term of a permit issued pursuant to this subdivision.

(e) No certificate of occupancy shall be issued for a building or other structure that is not then in compliance with any permit issued pursuant to this subdivision for removal of a protected tree.

(Ord. No. 2019-02-20(B) , § 1(3.05.014), 2-20-2019; Ord. No. 2019-08-21(B) , § 3, 8-21-2019)

Sec. 107-380. - Requirements for conduct of tree removal businesses.

Any person engaged in the business of tree maintenance by pruning, trimming, or removing of trees in the city, whether a tree trimming business or a demolition business, shall comply with all applicable provisions of this subdivision and shall secure an annual permit to do so from the city secretary.

(Ord. No. 2019-02-20(B) , § 1(3.05.015), 2-20-2019; Ord. No. 2019-08-21(B) , § 3, 8-21-2019)

Secs. 107-381—107-396. - Reserved.

ROLLINGWOOD TEXAS

MEMORANDUM

To: Planning and Zoning Commission

From: Carrie Caylor, Director of Development

Date: October 1, 2020

Re: Residential Tree Canopy Protection Ordinance

After the Planning and Zoning meeting on September 2, 2020, I worked to develop updates for the Residential Tree Canopy Protection Ordinance, that will streamline and clarify some of the requirements. I reached out to several arborists, and on September 15th, was able to review the ordinance with former City of Austin Arborist Michael Embesi, currently with Bartlett Tree Experts. His expertise of developing and enforcing tree ordinances, as well as working as an arborist in the private sector was helpful for developing my recommended changes to the ordinance. Those recommendations are as follows:

1) Amend the Residential Tree Canopy Protection Ordinance to require tree surveys to include all trees on a residential lot with a diameter of 12" or greater at 4.5' off the ground.

If the diameter of "protected" size is amended, require that all trees of that protected size designation, regardless of species, be included on tree surveys.

2) Amend the Residential Tree Canopy Protection Ordinance to allow that if a property owner or resident can provide evidence of disease mitigation by a licensed arborist, and the removal of the tree is still required after treatment, the fee for tree removal shall be set at $35.00. The tree must be replaced with a species from the replacement list, but the replacement size requirement shall be 2".

This keeps with the spirit of the code, which is to protect the tree canopy, but reduces the burden of replacement, and encourages property owners and residents to make best efforts to treat existing trees when possible, rather than just removing them for cost reasons.

3) Amend the Residential Tree Canopy Ordinance to require that tree removal permits be posted on site, either on a construction board, if the property is under construction, or in the dashboard of the arborist's vehicle if the property is not under construction permit.

This creates consistency for enforcement by the police department.

4) Require that all wounds on red and white oak species be painted as they are trimmed.

This is consistent with best practices guidelines for Oak Wilt mitigation.

CITY OF ROLLINGWOOD TEXAS

AGENDA ITEM SUMMARY SHEET

City of Rollingwood

Meeting Date: November 18, 2020

Submitted By:

Council Member Gavin Massingill

Agenda Item:

4. Public hearing on a proposed Tax Note Series 2020 project: Preliminary Engineering Report for drainage improvements at Nixon and Pleasant Drives, which is, a) estimated to cost $84,183, b) estimated to take 90 days, c) analyze public safety issues posed by flooding, and d) identify easement need.

Description:

The purpose of this item is to hold a Public Hearing on the Preliminary Engineering Report for the Nixon/Pleasant drainage project, which was placed on the project consideration list for funding with the Tax Notes Series 2020.

1. Selecting to place a proposed project on a Tax Note Series 2020 consideration list by requiring an agenda item for the proposed project and requiring a Council majority vote to approve a proposed project for the consideration list and triggering a public engagement process. (This action was approved at the October 21, 2020 City Council Meeting)The agenda item including:
    a. an estimate of the proposed project cost; $84,183
    b. an estimate of the proposed project timeline; 90 days
    c. any public health or safety features of a proposed project; Analyze public safety issues posed by flooding
    d. status of any required easements or other agreements required for the proposed project to be shovel ready. Identify easement need.
2. Establishing the public engagement to be provided for each proposed project placed on the Tax Note Series 2020 consideration list. The public engagement process including a public hearing for the proposed project during a regularly scheduled City Council meeting. (Public Hearing set for November 18, 2020 City Council Meeting)
3. Requiring a majority vote of the Council to approve the proposed project to move forward with funding expected from the Tax Note Series 2020 funds.
4. A webpage on the City website dedicated to Tax Note Series 2020 funded projects that identifies each proposed project request and status through the first three stages above. https://www.rollingwoodtx.gov/citycouncil/page/oversight-tax-note-series-2020-funds

Action Requested:

No action requested.

Fiscal Impacts:

Stated Above.

Attachments:

1. Nixon and Pleasant Drainage Improvements – Draft Scope of Services

CITY OF ROLLINGWOOD
PLEASANT DRIVE AND NIXON DRIVE DRAINAGE IMPROVEMENTS
SCOPE OF SERVICES

PROJECT DESCRIPTION

The City of Rollingwood Infrastructure Improvements Plan was completed in February of 2020. The Infrastructure Improvements Plan identified areas of stormwater drainage and flooding issues throughout the City of Rollingwood (City). The City has requested that K Friese + Associates, Inc (KFA) progress the Pleasant Drive and Nixon Drive Drainage Improvements through the schematic design and potential phasing of the project The following is a detailed scope of services for the drainage improvements along Pleasant Drive and Nixon Drive.

SCOPE OF SERVICES

A. SURVEYING

1. This task will include preparing limited topographic for the project area for the purpose of preparing the preliminary engineering report and schematic design solutions for the proposed improvements associated with this project. See the attached proposal from Civil Corp, LLC.

B. PRELIMINARY ENVIRONMENTAL INVESTIGATION

1. This task will include obtaining a sub-consultant to obtain a preliminary environmental investigation for this project to determine environmental constraints. See the attachment from Raba Kistner.

C. PROJECT MANAGEMENT AND COORDINATION

1. Conduct a project kickoff meeting with the City to establish project procedures, goals, milestones and design criteria guidelines.
2. Conduct up to three (3) project meetings with City and stakeholders. The initial project meeting will be to discuss project findings, areas of concern and outline the approach for the proposed improvements. The second meeting is proposed to share project updates and discuss preferred improvement options. The final meeting will be to discuss the final draft of the report and address remaining comments prior to signing and sealing the report deliverable. Any additional meetings will be performed on an hourly basis, as requested and authorized by the City.
3. Project administration, project status reports, general coordination with City staff, coordination and supervision of the project team, and quality management so that the project milestones and deliverables meet schedule and budget constraints.

D. PRELIMINARY ENGINEERING REPORT (PER)

1. Obtain available topographic maps, franchise and utility block maps and any relevant previous studies around the project area.
2. Perform one (1) field visit to evaluate general site conditions.
3. Perform preliminary hydrologic and hydraulics analysis to determine technically feasible and cost-effective solutions to the localized flooding issue within the study area. Analysis is anticipated to include the development of a HEC-RAS or 2D hydraulic

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model to assess existing storm system capacity and to develop proposed conceptual improvements.

4. Analysis will include the evaluation of up to two design options (full-phased solutions) which are anticipated to include the following:
    a. Option 1: Construct channel improvements between Hatley and Pleasant Cove and a closed-pipe storm drain system from Nixon Drive and up Pleasant Drive.
    b. Option 2: Construct a box culvert system between Hatley and Pleasant Cove and a closed-pipe storm drain system from Nixon Drive and up Pleasant Drive.
    c. Evaluation will include an assessment for downstream adverse impacts and provide recommendations for additional mitigation that may be required as a result of the proposed improvements.
    d. Each of the solutions investigated and provided will provide options for project phasing. Phasing is assumed to include up to the three project phases.
5. Identify known utility conflicts and provide potential solutions for relocations, as required.
6. Identify if any additional easements are anticipated for the construction of the proposed project options.
7. Prepare supporting exhibits to illustrate the proposed options including alignments, drainage structure sizing, areas of anticipated easement needs, and anticipated utility conflicts. Exhibits will additionally include information on proposed alignments, structure sizing, inlet locations, approximate elevations and up to two typical sections to further define the character and project feasibility.

SCHEDULE

A. Following execution of contract and NTP, the Preliminary Engineering Report and schematic design phase will be completed within 3 (three) months of Notice to Proceed (NTP).

ASSUMPTIONS AND EXCLUSIONS MADE FOR THIS PROPOSAL

A. No geotechnical investigations are proposed to be performed as part of this scope of work. The purposes of cost estimating, it is assumed that bedrock will be encountered at 8 inches to 60 inches below ground.

B. No tree surveying, detailed topographic surveying, boundary survey or title research is included in this scope of work. If necessary, additional services will be requested, as necessary.

C. Utility relocation design and construction are not included with this proposal.

ADDITIONAL SERVICES

1. The City and KFA may agree that KFA shall perform services outside the Scope of Services described in this proposal. KFA will submit a written estimate of fees, based

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on standard rates indicated on the “Compensation Rate Schedule” included as part of the Professional Services Agreement contract. KFA will obtain the City’s authorization prior to initiating any Additional Services.

2. Preparation of easement documents are not included herein
3. No subsurface utility engineering is included as part of this work to verify utility depths or other information. Once a preferred option and phasing has been determined, further investigations may be recommended, as needed.
4. Geotechnical investigations or pavement design is not included and may be provided as an additional service.

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KFA MANPOWER/BUDGET ESTIMATE
CITY OF ROLLINGWOOD
NIXON DRIVE AND PLEASANT DRIVE
PRELIMINARY ENGINEERING REPORT

	Task	QA/QC Engineer Hours	Senior Engineer Hours	Project Manager Hours	Project Engineer Hours	EIT Hours	CADD Technician Hours	Clerical Hours	Total Labor Hours	Total Labor Cost	Sub-Consultant Cost	Expenses Cost	Total Cost
A	SURVEYING										$23,094.50		**$23,094.50**
B	PRELIMINARY ENVIRONMENTAL ASSESSMENT										$10,810.00		**$10,810.00**
C	PROJECT MANAGEMENT AND COORDINATION												
	Task C Subtotal	0	20	24	2	4	0	2	52	$9,322.00	$0	$0	$9,322.00
D	PRILIMINARY ENGINERING REPORT												
	Task D Subtotal	17	14	35	57	140	20	2	273	$40,956.00	$0	$0	$40,956.00
	Project Totals	17	34	59	59	144	20	4	325	$50,278.00	$0	$0.00	$84,182.50

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CITY OF ROLLINGWOOD
CITY COUNCIL MEETING
MINUTES

Wednesday, October 21, 2020

On Wednesday, October 21, 2020 at 6:00 p.m., the City Council of the City of Rollingwood, Texas held a regular meeting, open to the public, via video conference and telephone in accordance with an order of the Office of the Governor issued March 16, 2020. The public was able to watch this meeting live and had the opportunity to comment via audio devices at the following link: https://meetings.ipvideotalk.com/164119652

The public was also able to participate in this meeting by dialing one of the following numbers: 1(617) 315-8088 or toll free at 1(888) 330-2489 and entering the Meeting ID: 164119652

The public was permitted to offer public comments via their audio devices when logged in to the meeting or telephonically by calling in as provided by the agenda and as permitted by the presiding officer during the meeting. A video recording of the meeting was made and posted to the City's website and available to the public in accordance with the Texas Public Information Act upon written request. The following items were discussed:

CALL REGULAR CITY COUNCIL MEETING TO ORDER

1. Roll Call

   Mayor Michael Dyson called the meeting to order at 6:04 p.m.

   Present Members: Mayor Michael Dyson, Mayor Pro Tem Gavin Massingill, Council Member Sara Hutson, Council Member Amy Pattillo, and Council Member Buck Shapiro.

   Also Present: City Administrator Amber Lewis, City Attorney Charles Zech, Assistant City Administrator Ashley Wayman, Finance Director Abel Campos and Development Director Carrie Caylor.

PUBLIC COMMENTS

There were no public comments.

PRESENTATIONS

2. Presentations of proposals for engineering services from K. Friese and Associates, LNV, and WSB.

Joe Cantalupo, Lauren Winek-Morin, and Vicki Ortega with K. Friese and Associates presented their proposal for Engineering Services.

Marcus Naiser and Jay Campbell with LNV Engineering presented their proposal for Engineering Services.

Jay Kennedy and Marc Drouin with WSB Engineering presented their proposal for Engineering Services.

3. Discussion on the Budget Review for the 4th Quarter

   Finance Director Abel Campos presented the budget review for the 4th quarter.

4. Discussion on the Quarterly Investment Report for the 4th Quarter.

   Finance Director Abel Campos presented the quarterly investment report for the 4th quarter.

PUBLIC HEARING

5. Public hearing, discussion and possible action on amendments to Subdivision 2. Residential Tree Canopy Management of the City's Code of Ordinances.

   Mayor Michael Dyson opened the public hearing at 7:07 p.m.

   The following individuals spoke during the public hearing:
   - Council Member Sara Hutson asked how residents were noticed that the Council was considering changes to the Tree Canopy Ordinance.
   - City Administrator Amber Lewis discussed noticing per the city's code.

   Mayor Michael Dyson closed the public hearing at 7:09 p.m.

   Council Member Amy Pattillo discussed the attachments for this item in the packet and the history of discussions regarding the Residential Tree Canopy Management Ordinance.

   Amy Pattillo motioned to postpone action on the amendments to Subdivision 2. Residential Tree Canopy Management of the City's Code of Ordinances. Sara Hutson seconded the motion.

   The City Council discussed the recommendations made by the Planning and Zoning Commission.

   Mayor Michael Dyson called for a roll call vote.

   - **Council Member Sara Hutson – Yes**
   - **Council Member Gavin Massingill – Yes**
   - **Council Member Amy Pattillo – Yes**
   - **Council Member Buck Shapiro – Yes**

   The motion passed 4-0

CONSENT AGENDA

All Consent Agenda items listed are considered to be routine by the City Council and may be enacted by one (1) motion. There will be no separate discussion of Consent Agenda items unless a City Council Member has requested that the item be discussed, in which case the item will be removed from the Consent Agenda and considered in its normal sequence on the Regular Agenda.

6. Discussion and possible action on the minutes from the September 16, 2020 Budget Workshop and City Council meeting.

7. Discussion and possible action on the minutes from the October 2, 2020 Special City Council meeting.

8. Discussion and possible action to accept the resignation of Grace Casstevens from the Board of Adjustment.

9. Discussion and possible action to accept Michael Dyson's resignation from the Rollingwood Community Development Corporation.

   Gavin Massingill motioned to approve the consent agenda. Sara Hutson seconded the motion.

   Mayor Michael Dyson called for a roll call vote.

   - **Council Member Sara Hutson – Yes**
   - **Council Member Gavin Massingill – Yes**
   - **Council Member Amy Pattillo – Yes**
   - **Council Member Buck Shapiro – Yes**

   The motion passed 4-0.

REGULAR AGENDA

10. Discussion and possible action on a variance request from Section 101-247 (b) Prohibited Days and Hours/Signage, of the city's Code of Ordinances for 2700 Bee Caves Road.

    City Administrator Amber Lewis discussed this variance request.

    Jason Teague, representing Austin Eye, discussed why they requested this variance.

    The City Council discussed this request and noise concerns.

    Gavin Massingill motioned to approve the variance request from Section 101-247 (b) Prohibited Days and Hours/Signage, of the city's Code of Ordinances for 2700 Bee Caves Road to allow inside construction activities between the hours of 7:00 a.m. and 12:00 a.m., 7 days a week. Amy Pattillo seconded the motion.

    The Council further discussed that these activities must be quiet and not disturb the surrounding areas.

    Mayor Michael Dyson called for a roll call vote.

- **Council Member Sara Hutson – Yes**
- **Council Member Gavin Massingill – Yes**
- **Council Member Amy Pattillo – Yes**
- **Council Member Buck Shapiro – Yes**

The motion passed 4-0.

11. Discussion and possible action on a proposed project for the Tax Note Series 2020 and triggering a public engagement process for a Preliminary Engineering Report for drainage improvements at Nixon and Pleasant Drives which is, a) estimated to cost $70,000, b) estimated to take 90 days, c) analyze public safety issues posed by flooding, and d) identify easement need.

    Gavin Massingill discussed this item and the discussions and actions that have been taken to investigate this potential drainage improvement project. He also discussed the process to get a project on the list of potential projects.

    Gavin Massingill motioned to approve a proposed project for Tax Note Series 2020, to set the public hearing for the November City Council meeting and to authorize the council liaison and the city administrator to work on a task order for the proposed project. Sara Hutson seconded the motion.

    Council Member Amy Pattillo clarified that the process states that this step will add the project to a proposed project list.

    Gavin Massingill amended his motion to reflect that this item project would be included on the project consideration list. Sara Hutson seconded the amendment.

    Mayor Michael Dyson called for a roll call vote.

    - **Council Member Sara Hutson – Yes**
    - **Council Member Gavin Massingill – Yes**
    - **Council Member Amy Pattillo – Yes**
    - **Council Member Buck Shapiro – Yes**

    The motion passed 4-0.

12. Review, discussion and possible action on the impact of wastewater rate changes on citizens.

    Sara Hutson asked call up items 13 and 14 to be discussed in conjunction with this item.

    Sara Hutson motioned to postpone all decisions on items 12, 13 and 14 until further review of the commercial LUE analysis and assignment is completed because that information is factored into the rate assessment. Gavin Massingill seconded the motion.

    Sara Hutson discussed the spreadsheet she put together regarding the impacts of the wastewater rate study.

    The Council discussed LUE calculation.

City Administrator Amber Lewis discussed the history of calculating LUEs in Rollingwood as well as that the city does not have a formal process to calculate LUEs.

The Council discussed the rate study, the recommendation from the Utility Commission, and the potential option of instituting a stand-by fee.

Mayor Michael Dyson called for a roll call vote.

- **Council Member Sara Hutson – Yes**
- **Council Member Gavin Massingill – No**
- **Council Member Amy Pattillo – No**
- **Council Member Buck Shapiro – No**

The motion failed 3-1.

Gavin Massingill motioned to postpone item 13 upon further review of the LUE classification system. Buck Shapiro seconded the motion.

The Council discussed the postponement of the stand-by fee.

Mayor Michael Dyson called for a roll call vote.

- **Council Member Sara Hutson – Yes**
- **Council Member Gavin Massingill – Yes**
- **Council Member Amy Pattillo – No**
- **Council Member Buck Shapiro – Yes**

The motion passed 3-1.

Amy Pattillo motioned to approve ordinance 2020-10-21-14 setting the wastewater rates for the City of Rollingwood and amending the fee schedule accordingly without the stand-by fee. Gavin Massingill seconded the motion.

The Council discussed the ordinance presented today.

Mayor Michael Dyson called for a roll call vote.

- **Council Member Sara Hutson – No**
- **Council Member Gavin Massingill – Yes**
- **Council Member Amy Pattillo – Yes**
- **Council Member Buck Shapiro – Yes**

The motion passed 3-1.

13. Discussion and possible action on a recommendation from the Utility Commission regarding a stand-by fee option of the wastewater rate study.

    This item was considered during item 12.

14. Discussion and possible action on an ordinance setting the wastewater rates for the City of Rollingwood and to amend the fee schedule accordingly.

This item was considered during item 12.

15. Discussion and possible action to select a firm to provide City Engineering Services to the City of Rollingwood and authorize the Mayor to negotiate a Professional Services Agreement.

    Sara Hutson motioned to select K. Friese and Associates to provide City Engineering Services to the City of Rollingwood and authorize the Mayor to negotiate a Professional Services Agreement. Amy Pattillo seconded the motion.

    The Council and City Administrator Amber Lewis discussed the proposals and presenting firms.

    Mayor Michael Dyson called for a roll call vote.

    - **Council Member Sara Hutson – Yes**
    - **Council Member Gavin Massingill – Yes**
    - **Council Member Amy Pattillo – Yes**
    - **Council Member Buck Shapiro – Yes**

    The motion passed 4-0.

    The Council moved to item 28 at the conclusion of this item.

16. Discussion and possible action on a first read of a resolution authorizing a project to make certain improvements that will enhance recreational and community facilities, including athletic facilities, in various locations within Rollingwood Park, and to authorize expenditures in an amount not to exceed $30,000, pursuant to Texas Local Gov't Code Section 505.152.

    City Administrator Amber Lewis explained the City Council had requested funds from the RCDC for this project and that RCDC approved this project.

    Amy Pattillo motioned to approve a first read of a resolution authorizing a project to make certain improvements that will enhance recreational and community facilities, including athletic facilities, in various locations within Rollingwood Park, and to authorize expenditures in an amount not to exceed $30,000, pursuant to Texas Local Gov't Code Section 505.152. Buck Shapiro seconded the motion.

    Mayor Pro Tem Gavin Massingill called for a roll call vote.

    - **Council Member Sara Hutson – Yes**
    - **Council Member Gavin Massingill – Yes**
    - **Council Member Amy Pattillo – Yes**
    - **Council Member Buck Shapiro – Yes**

    The motion passed 4-0.

17. Discussion and possible action on a first read of a resolution authorizing a project for development of a comprehensive plan, which will assist in promoting new and expanded business development and provide assistance as to how businesses create and retain jobs, and to authorize expenditures in an amount not to exceed $30,000, pursuant to Texas Local Gov't Code Section 505.158.

City Administrator Amber Lewis explained this item and that the City Council had requested funds from RCDC for this project.

Buck Shapiro motioned to approve a first read of a resolution authorizing a project for development of a comprehensive plan, which will assist in promoting new and expanded business development and provide assistance as to how businesses create and retain jobs, and to authorize expenditures in an amount not to exceed $30,000, pursuant to Texas Local Gov't Code Section 505.158. Amy Pattillo seconded the motion.

Mayor Pro Tem Gavin Massingill called for a roll call vote.

- **Council Member Sara Hutson – Yes**
- **Council Member Gavin Massingill – Yes**
- **Council Member Amy Pattillo – Yes**
- **Council Member Buck Shapiro – Yes**

The motion passed 4-0.

18. Discussion and possible action on a first read of a resolution authorizing a project for legal services necessary for the evaluation of the targeted infrastructure included in the design of MoPac South and the potential impacts on the city's commercial corridor which affects the ability to promote new and expanded business development in the city, and to authorize expenditures in an amount not to exceed $40,000, Pursuant to Texas Local Gov't Code Section 505.158.

    City Administrator Amber Lewis stated that City Attorney Charles Zech confirmed that this was an eligible project.

    Amy Pattillo motioned to approve a first read of a resolution authorizing a project for legal services necessary for the evaluation of the targeted infrastructure included in the design of MoPac South and the potential impacts on the city's commercial corridor which affects the ability to promote new and expanded business development in the city, and to authorize expenditures in an amount not to exceed $40,000, Pursuant to Texas Local Gov't Code Section 505.158. Sara Hutson seconded the motion.

    Mayor Pro Tem Gavin Massingill called for a roll call vote.

    - **Council Member Sara Hutson – Yes**
    - **Council Member Gavin Massingill – Yes**
    - **Council Member Amy Pattillo – Yes**
    - **Council Member Buck Shapiro – Yes**

    The motion passed 4-0.

19. Discussion and possible to approve quotes for installation and ongoing maintenance of an online message board for the city's website.

    City Administrator Amber Lewis explained that the quotes for setting up the online message board exceeded what Council had previously approved for this project, therefore it has been brought back. She also discussed the details of the quote.

Amy Pattillo motioned to postpone item 19 subject to additional quotes. Buck Shapiro seconded the motion.

Mayor Pro Tem Gavin Massingill called for a roll call vote.

- **Council Member Sara Hutson – Yes**
- **Council Member Gavin Massingill – Yes**
- **Council Member Amy Pattillo – Yes**
- **Council Member Buck Shapiro – Yes**

The motion passed 4-0.

20. Discussion and possible action on a recommendation from the Park Commission to donate the funds raised by the Pet Paver Program to WHLL/WHGS to repair/replace gates on the baseball fields.

    City Administrator Amber Lewis explained that this item is a recommendation from the Park Commission.

    Steve Franke with Western Hills Girls Softball discussed this request from the Park Commission.

    Buck Shapiro motioned to donate the funds raised by the Pet Paver Program to WHLL/WHGS to repair/replace gates on the baseball fields. Sara Hutson seconded the motion.

    Mayor Pro Tem Gavin Massingill called for a roll call vote.

    - **Council Member Sara Hutson – Yes**
    - **Council Member Gavin Massingill – Yes**
    - **Council Member Amy Pattillo – Yes**
    - **Council Member Buck Shapiro – Yes**

    The motion passed 4-0.

21. Discussion and possible action on an Eagle Scout/volunteer project approval process as recommended by the Park Commission.

    City Administrator Amber Lewis discussed the need for a project approval process for Eagle Scout and other volunteer projects.

    Buck Shapiro motioned to approve an Eagle Scout/volunteer project approval process as recommended by the Park Commission. Sara Hutson seconded the motion.

    Mayor Pro Tem Gavin Massingill called for a roll call vote.

    - **Council Member Sara Hutson – Yes**
    - **Council Member Gavin Massingill – Yes**
    - **Council Member Buck Shapiro – Yes**

    The motion passed 3-0.

Mayor Pro Tem Gavin Massingill stated for the record that Council Member Amy Pattillo was not on the dais for the vote.

22. Discussion and possible action regarding the WHLL-WHGS Capital Improvement Contribution Plan for 2020-2021.

    City Administrator Amber Lewis explained that approval of this plan was a requirement of the new lease.

    Buck Shapiro discussed the damages that the University of Texas baseball players caused to the batting cages over the summer.

    The Council discussed the damages and potential remedies.

    Buck Shapiro motioned to approve the WHLL-WHGS Capital Improvement Contribution Plan for 2020-2021. Gavin Massingill seconded the motion.

    Mayor Pro Tem Gavin Massingill called for a roll call vote.

    - **Council Member Sara Hutson – Yes**
    - **Council Member Gavin Massingill – Yes**
    - **Council Member Amy Pattillo – Yes**
    - **Council Member Buck Shapiro – Yes**

    The motion passed 4-0.

23. Discussion and possible action on the Arbor Day Foundation Tree City USA program, including possible assignment to P&Z for consideration along with the tree ordinance changes.

    Sara Hutson stated that Christie Finnigan asked her to bring this before the Council and discussed this program.

    The Council discussed this request and the impact that the program, or other similar programs, would have on the city.

    Sara Hutson motioned to ask the Planning and Zoning Commission to look into the Arbor Day Foundation Tree City USA Program and other similar programs available locally to consider adding those to our Tree Canopy Ordinance and evaluation of the Tree Canopy in Rollingwood. Amy Pattillo seconded the motion.

    Mayor Pro Tem Gavin Massingill called for a roll call vote.

    - **Council Member Sara Hutson – Yes**
    - **Council Member Gavin Massingill – Yes**
    - **Council Member Amy Pattillo – Yes**
    - **Council Member Buck Shapiro – Yes**

    The motion passed 4-0.

24. Discussion and possible action to allow the names of participants in city meetings conducted virtually to be viewable by all participants.

City Administrator Ashley Wayman explained this request and that the City is currently looking into whether this option would be available with IPVideoTalk.

The Council discussed looking into other platforms that may allow this feature, including Zoom and WebEx.

City Administrator Amber Lewis stated that staff would look into the other options available for platforms that have this feature.

Amy Pattillo motioned to allow names of participants in city meetings conducted virtually to be viewable by all participants. Sara Hutson seconded the motion.

Mayor Pro Tem Gavin Massingill called for a roll call vote.

- **Council Member Sara Hutson – Yes**
- **Council Member Gavin Massingill – Yes**
- **Council Member Amy Pattillo – Yes**
- **Council Member Buck Shapiro – Yes**

The motion passed 4-0.

25. Discussion and possible action on an ordinance amending the city's investment policy and documenting annual review.

    City Administrator Amber Lewis discussed this item.

    City Attorney Charles Zech discussed his amendments to the Investment Policy.

    Amy Pattillo motioned to approve an ordinance amending the city's investment policy and documenting annual review. Buck Shapiro seconded the motion.

    Amy Pattillo amended the motion to change the date of review from September 16, 2020 to October 21, 2020. Buck Shapiro seconded the amendment.

    Mayor Pro Tem Gavin Massingill called for a roll call vote.

    - **Council Member Sara Hutson – Yes**
    - **Council Member Gavin Massingill – Yes**
    - **Council Member Amy Pattillo – Yes**
    - **Council Member Buck Shapiro – Yes**

    The motion passed 4-0.

26. Discussion and possible action to direct the City Attorney to draft an Interlocal Agreement with Eanes Independent School District for the purchase of supplies and equipment necessary for return to school in the pandemic and to authorize the Mayor and/or City Administrator to execute the Interlocal Agreement.

    Amy Pattillo discussed how this request came about and that Travis County has not finally approved this yet.

The Council discussed this request, how funds have been allocated by Travis County, and the requirements for the City to receive the funding that has been allocated.

Gavin Massingill motioned to direct the City Attorney to draft an Interlocal Agreement with Eanes Independent School District for the purchase of supplies and equipment necessary for return to school in the pandemic and to authorize the Mayor and/or City Administrator to execute the Interlocal Agreement. Buck Shapiro seconded the motion.

Gavin Massingill motioned to amend his motion to state that it would be up to and including $9,000. Buck Shapiro seconded the amendment.

Mayor Pro Tem Gavin Massingill called for a roll call vote.

- **Council Member Sara Hutson – Yes**
- **Council Member Gavin Massingill – Yes**
- **Council Member Amy Pattillo – Yes**
- **Council Member Buck Shapiro – Yes**

The motion passed 4-0.

27. Discussion and possible action to provide a donation to Eanes Independent School District for the purchase of supplies and equipment necessary for return to school in the pandemic.

    Amy Pattillo explained that this item was put on the agenda as a placeholder to ensure that the school district got the support they needed.

28. Discussion and possible action to review applications and make appointments to the Park Commission, Utility Commission, RCDC, Planning and Zoning Commission and the Board of Adjustment.

    Mayor Michael Dyson discussed the applicants. He stated that he believed Emily Doran and Bobby Hempfling would be well suited for the RCDC.

    Mayor Michael Dyson appointed Brook Brown to position 1 of the Board of Adjustment.

    Mayor Michael Dyson left the meeting at this time.

    Sara Hutson motioned to ratify the Mayor's appointment of Brook Brown to the Board of Adjustment. Amy Pattillo seconded the motion.

    Mayor Pro Tem Gavin Massingill called for a roll call vote.

    - **Council Member Sara Hutson – Yes**
    - **Council Member Gavin Massingill – Yes**
    - **Council Member Amy Pattillo – Yes**
    - **Council Member Buck Shapiro – Yes**

    The motion passed 4-0.

Gavin Massingill motioned to appoint Emily Doran to position 1 of the Rollingwood Community Development Corporation. Amy Pattillo seconded the motion.

Mayor Pro Tem Gavin Massingill called for a roll call vote.

- **Council Member Sara Hutson – Yes**
- **Council Member Gavin Massingill – Yes**
- **Council Member Amy Pattillo – Yes**
- **Council Member Buck Shapiro – Yes**

The motion passed 4-0.

Amy Pattillo motioned to appoint Bobby Hempfling to position 7 of the RCDC. Buck Shapiro seconded the motion.

Mayor Pro Tem Gavin Massingill called for a roll call vote.

- **Council Member Sara Hutson – Yes**
- **Council Member Gavin Massingill – Yes**
- **Council Member Amy Pattillo – Yes**
- **Council Member Buck Shapiro – Yes**

The motion passed 4-0.

Amy Pattillo motioned to appoint Sam Attal to position 7 of the Utility Commission. Buck Shapiro seconded the motion.

Mayor Pro Tem Gavin Massingill called for a roll call vote.

- **Council Member Sara Hutson – Yes**
- **Council Member Gavin Massingill – Yes**
- **Council Member Amy Pattillo – Yes**
- **Council Member Buck Shapiro – Yes**

The motion passed 4-0.

The Council returned to item 16 at the conclusion of this item.

29. Standing agenda item ---------- update, discussion and possible action to pass a resolution, request a meeting with, to provide information or a statement of position of the City to, and/or to request information or analyses from relevant state and local officials in connection with the proposed South Mopac expansion.

    There were no updates on this item.

30. Standing agenda item ---------- update, discussion and possible action regarding the Bee Cave Improvement Project TXDOT has committed to co-sponsoring with the City of Rollingwood that will address the low water crossing flooding issues, expand to 5-lanes with shoulders and sidewalks throughout Rollingwood's portion of Bee Cave Road.

    There were no updates on this item.

REPORTS

All reports are posted to inform the public. No discussion or action will take place on items not on the regular or consent agenda.

31. City Administrator's Report
32. Municipal Court Report
33. Chief of Police Report
34. Contract invoices through September 2020 - AWR Services, Inc., Water and Wastewater Services, K. Friese & Associates - IIP & MS4, LNV, Inc., City Engineer, Professional Design Group, Inspections, ATS, Building Official
35. City Engineer- LNV, Inc., Report
36. City Stats for September 2020
37. City Financials for September 2020 - Fiscal Year 2019-2020
38. RCDC Financials for September 2020 - FY 2019-2020
39. Texas Central Appraisal District and Tax Assessor - Notices, Letters and Documents.
40. Texas Gas Service - Notices, Letters and Documents
41. AWR Services, INC., Report on Water and Wastewater for September 2020

ADJOURNMENT OF MEETING

The meeting was adjourned at 9:50 p.m.

Minutes Adopted on the _____day of _____, 2020.

_____
Michael R. Dyson, Mayor

ATTEST:

_____
Ashley Wayman, City Secretary

RESOLUTION NO. 2020-10-21-16

A RESOLUTION OF THE CITY COUNCIL OF ROLLINGWOOD, TEXAS AUTHORIZING ELIGIBLE EXPENDITURES OF THE ROLLINGWOOD COMMUNITY DEVELOPMENT CORPORATION AS A PROJECT PROMOTING OR EXPANDING NEW BUSINESS DEVELOPMENT UNDER SECTION 505.152 OF THE TEXAS LOCAL GOVERNMENT CODE; MAKING CERTAIN FINDINGS REGARDING ELIGIBLE EXPENDITURES; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Rollingwood Community Development Corporation (RCDC) is a Type B Texas Economic Development Corporation operating under the Chapters 501, 502 and 505 of the Texas Local Government Code and Chapter 22 of the Texas Business Organizations Code; and

WHEREAS, the RCDC, after holding a public hearing, considered and approved the expenditure of funds for certain projects for improvements that will enhance recreational and community facilities, including athletic facilities, in various locations with Rollingwood Park that will enhance the quality of life in the City at their meeting on October 8, 2020; and

WHEREAS, the RCDC has determined that the expenditure of those funds are for an eligible project consistent with the definition of "project" as that terms is defined in Chapter 501 and 505 of the Texas Local Government Code, and in particular Section 505.152 of the Texas Local Government Code; and the definition of "cost" as that term is defined by Section 501.152 of the Texas Local Government Code; and

WHEREAS, the RCDC requests that the City Council pass a Resolution authorizing the proposed expenditure as required by Tex. Loc. Gov't Code section 505.158 and give the resolution at least two separate readings.

NOW, THEREFORE BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF ROLLINGWOOD:

Section 1. That the foregoing recitals are hereby found to be true and correct findings of the City Council of Rollingwood and are fully incorporated into the body of this Resolution.

Section 2. That the City Council of the City of Rollingwood finds and determines that the projects for improvements that will enhance recreational and community facilities in an amount not to exceed **THIRTY THOUSAND DOLLARS and No/100 Dollars ($30,000.00)** for those certain improvements, including athletic facilities, within various locations of Rollingwood Park, which will enhance the quality of life within the City of Rollingwood, Texas, is an authorized project and is consistent with Section 505.152 of the Act.

Section 3. That the City Council hereby affirms the RCDC action taken, after holding a public hearing, authorizing the projects and expenditure and authorizes the Mayor to execute this Resolution.

Section 4. The City Council affirms, pursuant to Local Government Code Section 505.160, that the voters of the City of Rollingwood have previously approved the undertaking of this general type of project at an election ordered for that purpose.

Section 5. The City Council affirms that the project should not be undertaken until and upon the second reading and adoption of this resolution pursuant to Local Government Code Section 505.158.

Section 6. It is officially found, determined, and declared that the meeting at which this Resolution is adopted was open to the public and public notice of the time, place, and subject matter of the public business to be considered at such meeting, including this Resolution, was given, all as required by Chapter 551, Texas Government Code, as amended.

Section 7. This Resolution shall be in force and effect from and after its final reading, and it is so resolved.

PASSED, APPROVED AND DULY RESOLVED by the City Council of Rollingwood on first reading this the 21st day of October, 2020.

PASSED AND APPROVED on second reading this the 18th day of November, 2020.

_____
Michael Dyson, Mayor

ATTEST:

_____
Ashley Wayman, City Secretary

RESOLUTION NO. 2020-10-21-17

A RESOLUTION OF THE CITY COUNCIL OF ROLLINGWOOD, TEXAS AUTHORIZING ELIGIBLE EXPENDITURES OF THE ROLLINGWOOD COMMUNITY DEVELOPMENT CORPORATION AS A PROJECT PROMOTING OR EXPANDING NEW BUSINESS DEVELOPMENT UNDER SECTION 505.158 OF THE TEXAS LOCAL GOVERNMENT CODE; MAKING CERTAIN FINDINGS REGARDING ELIGIBLE EXPENDITURES; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Rollingwood Community Development Corporation (RCDC) is a Type B Texas Economic Development Corporation operating under the Chapters 501, 502 and 505 of the Texas Local Government Code and Chapter 22 of the Texas Business Organizations Code; and

WHEREAS, the RCDC, after holding a public hearing, considered and approved the expenditure of funds for the City's Comprehensive Plan for components that will assist in promoting new and expanded business development and provide assistance to businesses in creating and retaining jobs at their meeting on October 8, 2020; and

WHEREAS, the RCDC has determined that the expenditure of those funds are for an eligible project consistent with the definition of "project" as that terms is defined in Chapter 501 and 505 of the Texas Local Government Code, and in particular Section 505.158 of the Texas Local Government Code; and the definition of "cost" as that term is defined by Section 501.152 of the Texas Local Government Code; and

WHEREAS, the RCDC requests that the City Council pass a Resolution authorizing the proposed expenditure as required by Tex. Loc. Gov't Code section 505.158 and give the resolution at least two separate readings.

NOW, THEREFORE BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF ROLLINGWOOD:

Section 1. That the foregoing recitals are hereby found to be true and correct findings of the City Council of Rollingwood and are fully incorporated into the body of this Resolution.

Section 2. That the City Council of the City of Rollingwood finds and determines that the expenditure of funds for the Comprehensive Plan in an amount not to exceed **THIRTY THOUSAND DOLLARS and No/100 Dollars ($30,000.00)** for those components of the comprehensive plan that will assist in promoting new and expanded business development and provide assistance as to how businesses create and retain jobs within the City of Rollingwood, Texas, is an authorized project and is consistent with Section 505.158 of the Act.

Section 3. That the City Council hereby affirms the RCDC action taken, after holding a public hearing, authorizing the project and expenditure and authorizes the Mayor to execute this Resolution.

Section 4. The City Council affirms, pursuant to Local Government Code Section 505.160, that the voters of the City of Rollingwood have previously approved the undertaking of this general type of project at an election ordered for that purpose.

Section 5. The City Council affirms that the project should not be undertaken until and upon the second reading and adoption of this resolution pursuant to Local Government Code Section 505.158.

Section 6. It is officially found, determined, and declared that the meeting at which this Resolution is adopted was open to the public and public notice of the time, place, and subject matter of the public business to be considered at such meeting, including this Resolution, was given, all as required by Chapter 551, Texas Government Code, as amended.

Section 7. This Resolution shall be in force and effect from and after its final reading, and it is so resolved.

PASSED, APPROVED AND DULY RESOLVED by the City Council of Rollingwood on first reading this the 21st day of October, 2020.

PASSED AND APPROVED on second reading this the 18th day of November, 2020.

_____
Michael Dyson, Mayor

ATTEST:

_____
Ashley Wayman, City Secretary

RESOLUTION NO. 2020-10-21-18

A RESOLUTION OF THE CITY COUNCIL OF ROLLINGWOOD, TEXAS AUTHORIZING ELIGIBLE EXPENDITURES OF THE ROLLINGWOOD COMMUNITY DEVELOPMENT CORPORATION AS A PROJECT PROMOTING OR EXPANDING NEW BUSINESS DEVELOPMENT UNDER SECTION 505.158 OF THE TEXAS LOCAL GOVERNMENT CODE; MAKING CERTAIN FINDINGS REGARDING ELIGIBLE EXPENDITURES; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Rollingwood Community Development Corporation (RCDC) is a Type B Texas Economic Development Corporation operating under the Chapters 501, 502 and 505 of the Texas Local Government Code and Chapter 22 of the Texas Business Organizations Code; and

WHEREAS, the Community Development Corporation (RCDC), after holding a public hearing, considered and approved the expenditure of funds for the legal services necessary for the evaluation of the targeted infrastructure included in the design of MoPac South and the potential impacts on the city's commercial corridor which affects the ability to promote new and expanded business development in the city at their meeting on October 8, 2020; and

WHEREAS, the RCDC has determined that the expenditure of those funds are for an eligible project consistent with the definition of "project" as that terms is defined in Chapter 501 and 505 of the Texas Local Government Code, and in particular Section 505.158 of the Texas Local Government Code; and the definition of "cost" as that term is defined by Section 501.152 of the Texas Local Government Code.

WHEREAS, the RCDC requests that the City Council pass a Resolution authorizing the proposed expenditure as required by Tex. Loc. Gov't Code section 505.158 and give the resolution at least two separate readings.

NOW, THEREFORE BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF ROLLINGWOOD:

Section 1. That the foregoing recitals are hereby found to be true and correct findings of the City Council of Rollingwood and are fully incorporated into the body of this Resolution.

Section 2. That the City Council of the City of Rollingwood finds and determines that the expenditure of funds for the evaluation of targeted infrastructure in the design of MoPac South in an amount not to exceed **FORTY THOUSAND DOLLARS and No/100 Dollars ($40,000.00)** for the potential impacts on the city's commercial corridor which affect the ability to promote new and expanded business development within the City of Rollingwood, Texas, is an authorized project and is consistent with Section 505.158 of the Act.

Section 3. That the City Council hereby affirms the RCDC action taken, after holding a public hearing, authorizing the project and expenditure and authorizes the Mayor to execute this Resolution.

Section 4. The City Council affirms, pursuant to Local Government Code Section 505.160, that the voters of the City of Rollingwood have previously approved the undertaking of this general type of project at an election ordered for that purpose.

Section 5. The City Council affirms that the project should not be undertaken until and upon the second reading and adoption of this resolution pursuant to Local Government Code Section 505.158.

Section 6. It is officially found, determined, and declared that the meeting at which this Resolution is adopted was open to the public and public notice of the time, place, and subject matter of the public business to be considered at such meeting, including this Resolution, was given, all as required by Chapter 551, Texas Government Code, as amended.

Section 7. This Resolution shall be in force and effect from and after its final reading, and it is so resolved.

PASSED, APPROVED AND DULY RESOLVED by the City Council of Rollingwood on first reading this the 21st day of October, 2020.

PASSED AND APPROVED on second reading this the 18th day of November, 2020.

_____
Michael Dyson, Mayor

ATTEST:

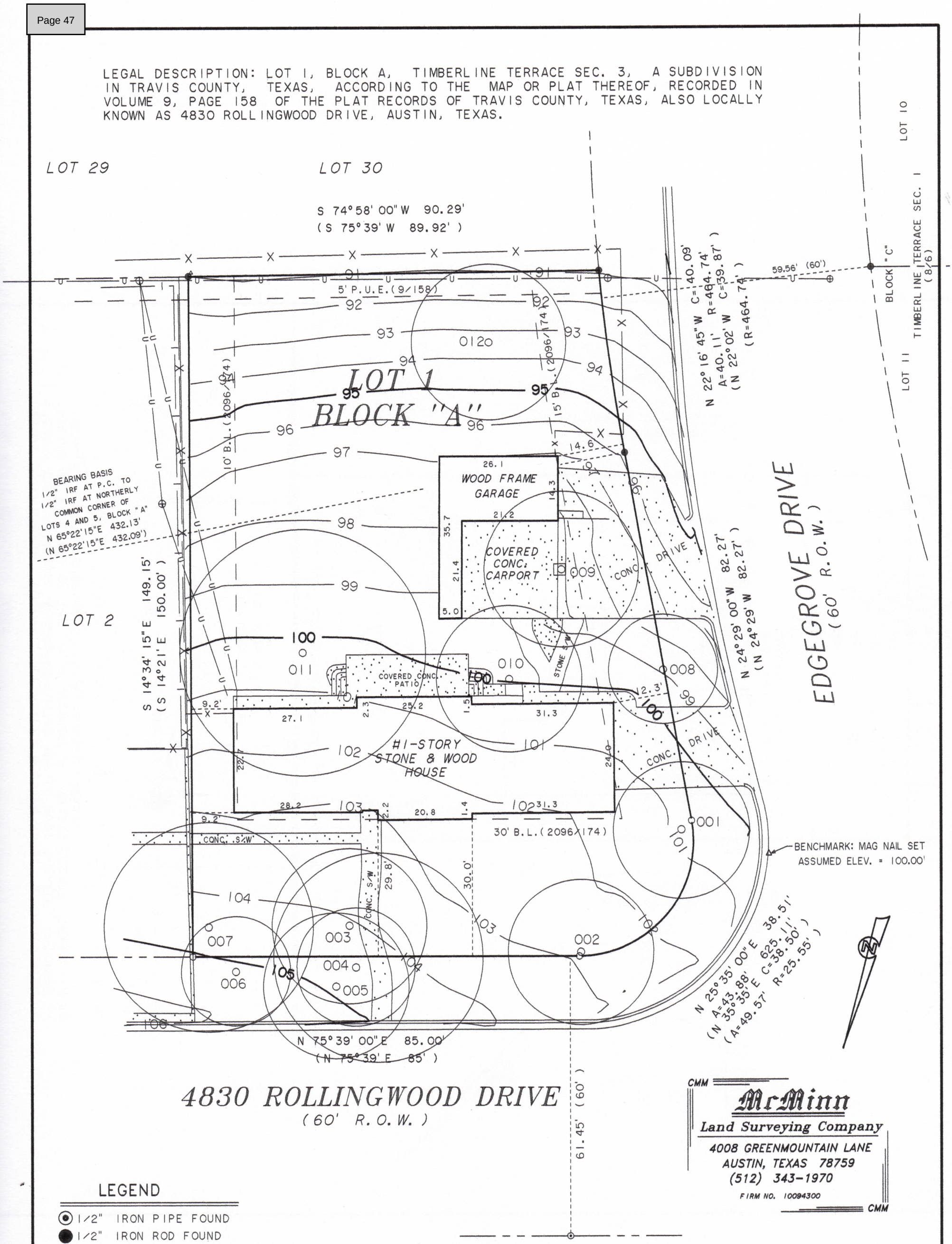
_____
Ashley Wayman, City Secretary

Mayor's Council Liaisons

2020-2021

1. Police and Courts – Buck Shapiro
2. Utility Commission – Amy Pattillo
3. Streets and Roadways – Amy Pattillo, Wendi Hundley
4. Park Commission – Wendi Hundley, Buck Shapiro
5. Personnel – Wendi Hundley, Sara Hutson
6. Budget – Gavin Massingill
7. Planning and Zoning Commission – Gavin Massingill, Sara Hutson
8. Board of Adjustment – Mayor Michael Dyson
9. Rollingwood Community Development Corporation – Mayor Michael Dyson

LEGAL DESCRIPTION: LOT 1, BLOCK A, TIMBERLINE TERRACE SEC. 3, A SUBDIVISION IN TRAVIS COUNTY, TEXAS, ACCORDING TO THE MAP OR PLAT THEREOF, RECORDED IN VOLUME 9, PAGE 158 OF THE PLAT RECORDS OF TRAVIS COUNTY, TEXAS, ALSO LOCALLY KNOWN AS 4830 ROLLINGWOOD DRIVE, AUSTIN, TEXAS.



LEGEND

- 1/2" IRON PIPE FOUND
- 1/2" IRON ROD FOUND
- 1/2" IRON ROD SET W/ CAP MARKED "RPLS 4267"

DATE May 29, 2019

SCALE 1" = 20'

FB/PG 313/17-20

J. O. # 051219

TREE LIST:

001	15"	PECAN
002	16"	PECAN
003	17"	DBL ELM.
004	13"	LIVE OAK
005	16"	LIVE OAK
006	12"	ELM
007	23"	DBL. ELM
008	12"	PECAN
009	17"	LIVE OAK
010	16"	ELM
011	27"	DBL. ELM
012	17"	DBL. HACK BERRY

CMM
McMinn
Land Surveying Company
4008 GREENMOUNTAIN LANE
AUSTIN, TEXAS 78759
(512) 343-1970
FIRM NO. 10094300
CMM

NO
PARKING

AGENDA ITEM SUMMARY SHEET

City of Rollingwood

Meeting Date: November 18, 2020

Submitted By:

Director of Development Carrie Caylor

Agenda Item:

Discussion and possible action to approve a variance from the determination of the building official to disallow an additional curb-cut at the property commonly known as 4830 Rollingwood Drive.

Description:

Section 28-61 (a) requires the building official to approve any proposed curb or gutter that complies with the regulations set forth in this division. Section 28-62 (b) A person requesting permission to construct a curb or gutter who is denied by the building official may submit a request for a variance to the city council after receiving a determination from the building official under this section. When submitting such a request, an applicant shall include a written statement stating the reasons why he feels that the building official's determination should not apply to his particular situation and why a variance should be granted.

Action Requested:

To review and approve or deny the requested variance.

Fiscal Impacts:

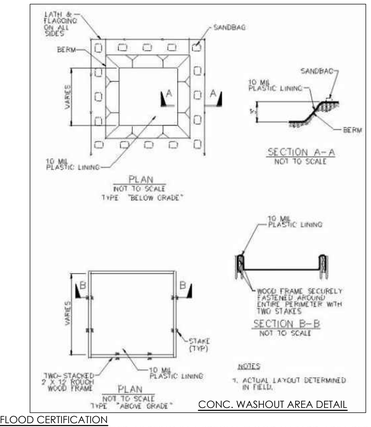
N/A

Attachments:

- Proposed Curb-Cut
- Photographs of the Site
- Zoning Review Performed by K. Friese
- Memorandum by Director of Development Carrie Caylor
- Previous Site Plan
- Letter from Applicant

NO PARKING ANY TIME

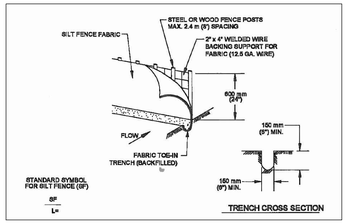
STOP



CONC. WASHOUT AREA DETAIL

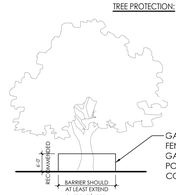
FLOOD CERTIFICATION

THIS AREA IS NOT DEPICTED AS BEING IN A SPECIAL FLOOD HAZARD AREA PER FEMA'S FLOOD INSURANCE RATE MAP 0445H, DATED 09/26/08, IT IS REPRESENTED AS IN ZONE "X", HOWEVER, AT THE PRESENT TIME, NO ELEVATIONS, DRAINAGE, OR FLOOD STUDIES HAVE BEEN PERFORMED AND INFORMATION IS BASED SOLELY UPON SAID MAP. THE SURVEYOR DOES NOT ASSUME RESPONSIBILITY AS TO ANY INFORMATION PROVIDED SAID MAP AND DOES NOT IMPLY THAT THE PROPERTY AND/OR THE STRUCTURES THEREON WILL BE FREE OF FLOOD DAMAGE. FOR FURTHER INFORMATION CONTACT YOUR FLOOD PLAIN ADMINISTRATOR.

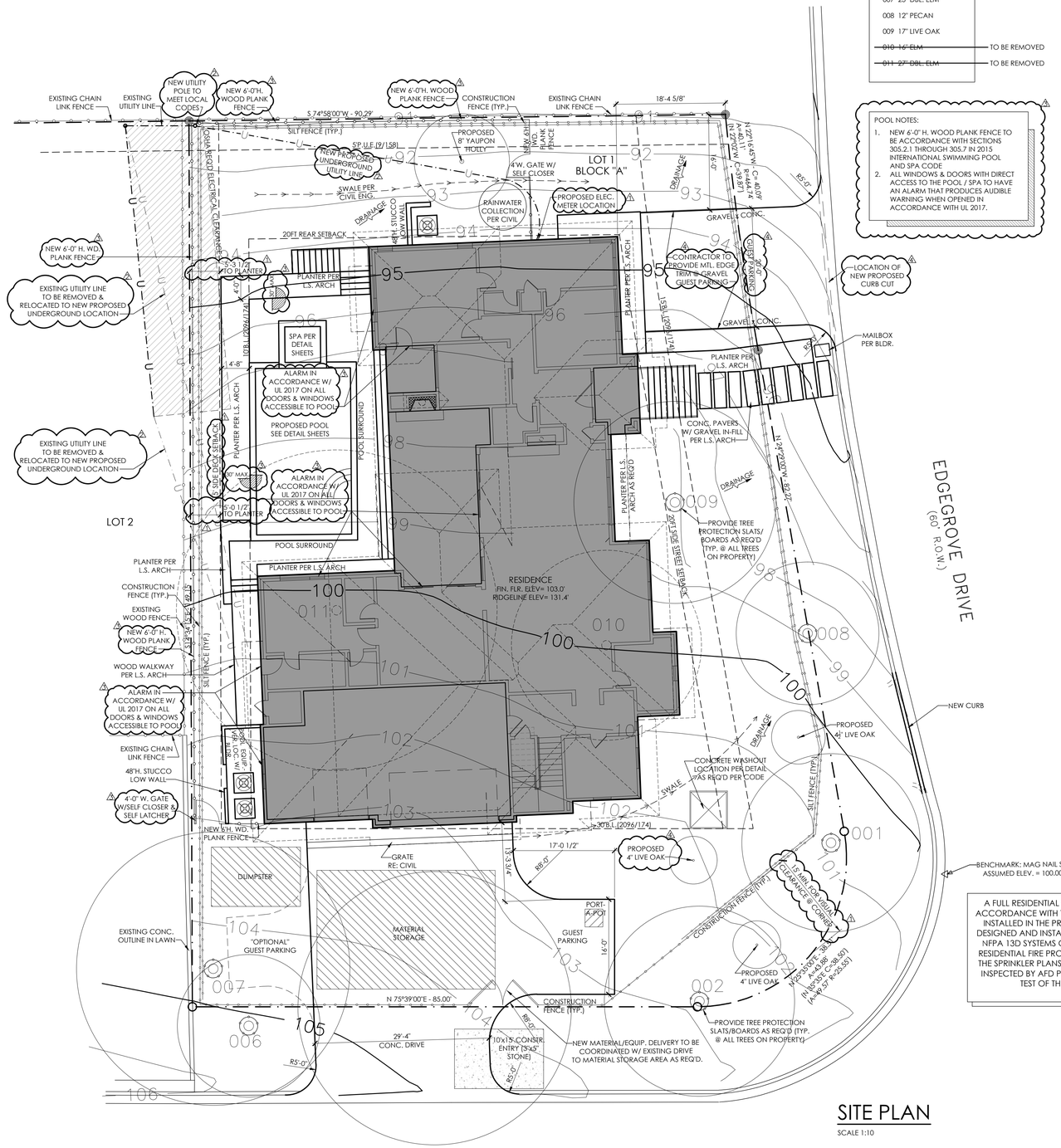


TRENCH CROSS SECTION

TREE PROTECTION:



IT IS THE ARCHITECTS AND OWNER'S INTENT TO PROTECT ALL TREES IN PROXIMITY TO CONSTRUCTION AREA FROM DAMAGE OR INJURY DUE TO CONSTRUCTION. THE SUGGESTIONS FOR TREE PROTECTION PROVIDED ABOVE ARE EXPLICITLY NOT GUARANTEED TO FULLY PROTECT THE TREES. IT IS HIGHLY RECOMMENDED THAT A TREE SPECIALIST BE HIRED AND THAT SUCH COST BE REVIEWED WITH OWNER FOR APPROVAL. PRIOR TO PROCUREMENT OF TREE SPECIALISTS SERVICES, IF CONTRACTOR DOES NOT REVIEW WITH OWNER HIS OR HER WILLINGNESS OR NON-WILLINGNESS TO HIRE SUCH SPECIALIST, THEN IT WILL BE CONSTRUED AS CONTRACTORS WILLINGNESS TO ACCEPT LIABILITY FOR PROTECTING THE TREES FROM ANY DAMAGE THROUGHOUT THE CONSTRUCTION PROCESS.



SITE PLAN

SCALE 1:10

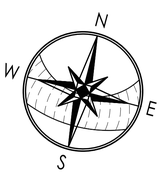
TREE LIST:

001 15" PECAN
002 16" PECAN
006 12" ELM
007 23" DBL. ELM
008 12" PECAN
009 17" LIVE OAK
~~010 16" ELM~~ TO BE REMOVED
~~011 27" DBL. ELM~~ TO BE REMOVED

POOL NOTES:

1. NEW 6'-0" H. WOOD PLANK FENCE TO BE ACCORDANCE WITH SECTIONS 305.2.1 THROUGH 305.7 IN 2015 INTERNATIONAL SWIMMING POOL AND SPA CODE
2. ALL WINDOWS & DOORS WITH DIRECT ACCESS TO THE POOL / SPA TO HAVE AN ALARM THAT PRODUCES AUDIBLE WARNING WHEN OPENED IN ACCORDANCE WITH UL 2017.

A FULL RESIDENTIAL SPRINKLER SYSTEM DESIGNED, INSTALLED AND TESTED IN ACCORDANCE WITH THE NFPA 13D OR THE 2015 IRC F2904 STANDARDS WILL BE INSTALLED IN THE PROPERTY. THE PLANS FOR THE SPRINKLER SYSTEM MUST BE DESIGNED AND INSTALLED BY A TEXAS LICENSED SPRINKLER CONTRACTOR FOR NFPA 13D SYSTEMS OR A TEXAS LICENSED PLUMBER WITH THE MULITPURPOSE RESIDENTIAL FIRE PROTECTION SPRINKLER SPECIALIST (MRFPSS) ENDORSEMENT. THE SPRINKLER PLANS MUST BE SUBMITTED, REVIEWED, APPROVED, TESTED AND INSPECTED BY AFD PRIOR TO COVERING THE WALLS AND CEILINGS. A FLOW TEST OF THE MOST DEMANDING AREA WILL BE REQUIRED.



GENERAL SITE NOTES:

1. BUILDER TO RESCULPTURE TOPO/FINISH GRADE TO PROVIDE PROPER DRAINAGE OF SURFACE WATER AWAY FROM BUILDING AS REQ'D.
2. FINAL LOCATION OF PROPOSED RESIDENCE TO BE DETERMINED BY BUILDER.
3. EXPOSED FOUNDATION TO BE MINIMUM OF 8" AND A MAXIMUM OF 24" ABOVE FINISHED GRADE OR PER SUBDIVISION REQUIREMENTS. UNDERPIN ALL EXPOSED FOUNDATIONS.
4. THERE ARE NO STORM SEWER INLETS WITHIN THE LOT FRONTAGE OR 10'-0" BEYOND THE SIDE PROPERTY LINES.
5. UTILITY LINE LOCATIONS ARE APPROXIMATES- GENERAL CONTRACTOR TO FIELD VERIFY FOR EXACT LOCATIONS.
6. VERIFY METER AND UTILITY SERVICE LOCATIONS PRIOR TO INSTALLATION.
7. EROSION CONTROL BARRIERS TO BE INSTALLED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
8. STABILIZED TEMPORARY CONSTRUCTION DRIVEWAY TO BE IN PLACE PRIOR TO COMMENCEMENT OF CONSTRUCTION.
9. CONFIRM ALL DRIVEWAY, WALKWAY AND PVC LAYOUTS/LOCATIONS PRIOR TO COMMENCING WORK.
10. PROVIDE CONTROL AND EXPANSION JOINTS AS REQUIRED ON CONCRETE DRIVES, WALKS AND PATIOS.
11. ALL EXTERIOR HVAC EQUIPMENT TO BE SCREENED PER CITY REQUIREMENTS, DEED RESTRICTIONS OF SUBDIVISION OR NEIGHBORHOOD ASSOCIATION.
12. GARBAGE RECEPTACLES TO BE STORED IN GARAGE OR SCREENED FROM VIEW AND ANIMAL ACCESS.
13. LOCATION OF MAILBOX AND EXTERIOR DRIVEWAY LIGHT(S) TO BE VERIFIED PRIOR TO INSTALLATION.
14. ALL CONSTRUCTION MATERIALS AND WASTE TO BE STORED ON SITE DURING CONSTRUCTION.
15. LANDSCAPE PLANS TO BE PROVIDED BY OTHERS AND PERMIT FOR SAME TO BE OBTAINED SEPARATELY FROM THESE PLANS.
16. NO EXISTING TREES TO BE REMOVED OR DISTURBED WITHOUT OWNER APPROVAL.
17. ALL STUMPS AND ROOTS SHALL BE REMOVED FROM THE SOIL TO A DEPTH OF 12" BELOW THE SURFACE OF THE GROUND IN THE AREA OF THE BUILDING.
18. CONTRACTOR SHALL CLEAN UP AREAS AFFECTED BY DAILY WORK AND REMOVE DEBRIS AND MATERIALS FROM THE SITE UPON COMPLETION OF THE WORK.

19.0 THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND INSPECTING, ON A REGULAR BASIS, ALL EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES INCLUDING THE SILT FENCES, CONSTRUCTION ENTRANCES, ROCK FILTER DAMS, ETC. DURING CONSTRUCTION/DEMOLITION AND INCLUDING THE REMOVAL AND PROPER DISPOSAL OF ANY ACCUMULATED SILT AND DEBRIS.

20.0 THE CONTRACTOR SHALL NOT BEGIN ANY WORK UNTIL TREE PROTECTION AND INSTALLED. THE EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES SUCH AS SILT FENCE, CONSTRUCTION ENTRANCES, ROCK FILTER DAMS, ETC. HAVE BEEN INSTALLED.

21.0 THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE STREETS FREE OF MUD, DIRT, DEBRIS AND MATERIAL AT ALL TIMES AND SHALL CLEAN/SWEEP THE STREETS ON A REGULAR BASIS AND AT THE DIRECTION OF THE CITY.

22.0 INCREASED STORMWATER PEAK FLOWS DURING CONSTRUCTION MUST BE MITIGATED WITH TEMPORARY BEST MANAGEMENT PRACTICES TO PREVENT HARM TO NEIGHBORING PROPERTIES.

IMPERVIOUS COVER CALCS

RESIDENCE	5,003'
DRIVEWAYS	1,308'
WALKWAYS	111'
WD. POOL SURROUND/STEPS	323'
POOL COPING	112'
A/C PADS/SCREEN WALLS	47'
IMPERVIOUS:	6,904' / 45.8%
PERVIOUS:	8,166' / 54.2%
TOTAL	15,070' / 100%

LEGAL DESCRIPTION:

4830 ROLLINGWOOD DRIVE
LOT 1, BLOCK A
TIMBERLINE TERRACE, SECTION 3
WEST LAKE HILLS, TX 78746
TRAVIS COUNTY

LEGEND:

SILT FENCE
CONSTRUCTION FENCE
TREE PROTECTION
PROPOSED NEW WOOD PLANK FENCE

11.
CORNERSTONEARCHITECTSLLP.COM
CORNERSTONE
ARCHITECTS
7000 BEE CAVES RD. SUITE 200 AUSTIN TX 78746 512.329.0007

A CUSTOM RESIDENCE FOR:
EDGEGROVE HOMES
4830 ROLLINGWOOD DR.
WESTLAKE HILLS, TX 78746

PERMIT SET - 29 AUGUST 2019

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REVISION:
1 CITY COMMENTS - 10.23.19
2 CITY COMMENTS - 11.04.19
3 POOL COMMENTS - 07.07.20
4 GUEST PARKING - 09.21.20

NOT FOR REGULATORY APPROVAL, PERMITTING, OR CONSTRUCTION.
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF ARCHITECT:
RODNEY PALMER

EDGEGROVE HOMES SPEC.
4830 ROLLINGWOOD DR.

SHEET A-1
1 of 14

PROJECT NO:	19161
DRAWN BY:	WW
DATE:	08.29.19
CHECKED BY:	-X
PROJECT MGR:	W.W.

November 12th, 2020

Carrie Caylor
Director of Development
City of Rollingwood
403 Nixon Dr
Rollingwood, TX 78746

RE : 4830 Rollingwood Dr Guest Parking – Zoning Review

In lieu of your denial of this request, I am seeking an appearance before the city council to obtain approval for this variance.

I am seeking a second curb cut for this property in order to enable visitors to park more safely. The curb cut and visitor parking can be seen in the accompanying attachment labeled “4830 Rollingwood guest parking.” As you can see, the walkway to the front door leads to Edgegrove Drive. While it is legal to park at this location, the shoulder of the road is very small and cars parked there tend to block a portion of the travel lane. “Picture 2” shows this location. I feel it would be in the best interest of public safety to allow them to park in the designated guest parking area.

Previously, there were 2 curb cuts at this property on Edgegrove Dr.. These can be seen on the accompanying attachment labeled “4830 Rollingwood previous survey”, as well as in “Picture 4”. These were located 50 ft and 87 feet from the intersection of Edgegrove Dr and Rollingwood Dr. The curb cut I am requesting is 130 feet away from the intersection. The accompanying attachment labeled “Picture 4” is taken in front of the requested curb cut, on Edgegrove Dr looking towards Rollingwood Dr. “Picture 5” is also taken in front of the requested curb cut, on Edgegrove Dr, looking away from Rollingwood Dr. These show that the location has good visibility in both directions.

I know that this is a fairly busy intersection, and that when Edgegrove Drive was built, Rollingwood was a very different city. I also understand the desire to limit the number of curb cuts in our roads. I believe however, it is in the best interests

of everyone to enable cars to get off our streets whenever possible, and I feel this is a way to do so safely.

Thank you for your kind consideration.

Zachary Mills

ROLLINGWOOD
TEXAS

MEMORANDUM

To: City Administrator Amber Lewis

From: Carrie Caylor
Director of Development

Date: November 13, 2020

Re: 4830 Rollingwood Drive

On September 21, 2020, I received a submission for a building plan revision to include additional guest parking at 4830 Rollingwood Drive, to be located along Edgegrove Drive. I reviewed the revision with K. Friese, and denied the plan for the following reasons:

- Section 28-68 gives specific requirements for single driveway cuts.
- Section 28-70 of the Rollingwood Code of Ordinances allows for driveways with more than one curb cut, and offers specific requirements for how they shall be constructed.

Therefore, because the code gives specific guidelines for single curb cuts, and for driveways with more than one curb cut, it is my determination that the code does not support numerous, non-contiguous curb cuts.

I have additional concerns with this plan, which are not enumerated in the Code of Ordinances. The intersection of Rollingwood Drive and Edgegrove Drive is one of the busiest intersections in Rollingwood. It is true that the original driveway curb cut of 4830 Rollingwood was located in the same proposed location, however, the original home did not have driveway access along Rollingwood Drive. The neighbors at 4900 Rollingwood Drive recently requested a variance from section 27-70 to allow driveway access onto Rollingwood Drive, specifically because of the danger they face when backing out onto Edgegrove. I view additional, unnecessary curb-cuts on Edgegrove as not serving the best interest of safety in the community.

CITY OF ROLLINGWOOD TEXAS

THE CITY OF ROLLINGWOOD
Phone +1 (512) 327-1838
403 Nixon Dr, Rollingwood, TX 78746-5512
www.rollingwood.com

700 Edgegrove Dr
Hillingwood, Texas
Google
Street View
Edgegrove Dr
Gentry Dr
4830 Ro
Timberline Dr
Edgegrove Dr
Google
Image capture: Jan 2020
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United States
Terms
Report a problem

700 Edgegrove Dr
llingwood, Texas
Google
Street View
Edgegrove Dr
Gentry Dr
Nixo
4830 Ro
Timberline Dr
Edgegrove Dr
Google
Image capture: Jan 2020
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United States
Terms
Report a problem

AGENDA ITEM SUMMARY SHEET

City of Rollingwood

Meeting Date: November 18, 2020

Submitted By:

Director of Development Carrie Caylor

Agenda Item:

Discussion and possible action to approve or deny the site development plan for Western Hills Athletic Club.

Description:

Section 107-242 (3) of the park zoning code requires that no fences or landscaping required under this section shall be installed without prior approval of the plans by city council. The plans propose a reconfiguration of the tennis courts to add two (2) additional playing courts, new fencing around the courts, and landscaping.

Action Requested:

I request that the City Council either vote to approve the building plans or give guidance to the applicant for any necessary amendments to the submitted plans.

This application packet is administratively complete and meets the administrative requirements for approval.

Fiscal Impacts:

N/A

Attachments:

- Building application
- Site plan
- Building plan review by ATS for IBC code review
- TCEQ approval
- Tree Removal Application
- Tree Removal List
- Memorandum

COMMERCIAL SITE PLAN DEVELOPMENT APPLICATION

Application is hereby made to the City of Rollingwood, Texas, for a permit to revise the site plan on the property as outlined below and in accordance with the plans and specifications submitted herewith, and in full conformity with provisions and regulations of all ordinances of the City of Rollingwood.

Address 4801 Rollingwood Dr **Zoning**

Legal Description: Lot 1 **Block** **Subdivision** Western Hills Athletic Club Addition

Owner of Ground **Western Hills Athletic Club**

Owner Address **4801 Rollingwood Dr.** City/State/Zip Rollingwood TX 78752

Telephone **(512) 327-6373** Fax Email

Engineer/Architect MWM Design Group

Address **305 E Huntland Dr Ste 200** City/State/Zip Austin TX 78752

Telephone (512) 453-0767 Email dcazares@mwmdesigngroup.com Contact David Cazares

Contractor/Builder

Address City/State/Zip

Telephone Email Contact

TDLR Project Registration # (≥$50,000 Projected Cost)

Permit Type: ◯ Yes **Site Plan Development**

Sq Ft of Impervious Cover Prior to Project Please see site plan sheet 12 for full description **Project IC Sq Ft/Sq Ft Addition** **=**
Total IC Sq Ft 68186.17 SF

Describe Proposed Work: **Demolition of existing tennis courts, volleyball court, existing fence. Please see demo sheet for full list.**

New tennis courts, retaining walls, fencing, landscaping elements, and associated drainage improvements.

Projected Cost $

THE UNDERSIGNED DOES SOLEMNLY SWEAR that to the best of their knowledge the above statements concerning this application are true and correct, and the undersigned has reviewed and understands the applicable portions of the Code of Ordinances of the City of Rollingwood, and the undersigned acknowledges that work authorized pursuant to this permit must be performed in conformance with the applicable regulations, including those pertaining to the manner of the performance of the work and restrictions on times when work may be performed. Work performed in violation of the City's regulations may be the subject of a stop-work order or request for injunctive relief, and the undersigned, as permittee, assumes all risk of loss damage or loss to improvements and personal property resulting from a lawful order to cease any work not performed in accordance with applicable regulations.

Owner Certification

(Owner Signature)	Sang McDonnell (Printed Name)	08/31/20 (Date)

Contact Telephone Email

Address_____

FEES

Payment of consultant fees: (a) Payment required. All applicants shall pay all consultant fees incurred by the city that are associated with their applications referenced in the following articles (A2.000 and A3.000). No approvals will be issued in connection with their applications until all required fees have been paid to the city, regardless of the method used for collection of such fees. (b**)** **Payment of deposit.** When consultant fees are anticipated to be substantial, the city secretary or building official upon receipt of an application, may establish a deposit amount that is equivalent to the projected consultant fees to be incurred in connection with the application. The applicant shall deposit this amount with the city prior to any review, inspection, processing or other work being initiated by the city. A revised deposit amount may be established at any time when consultant fees are substantially different than originally projected, and additional amounts payable or refundable will be due at the time of issuance to the applicant of notice of a revised deposit amount. When a deposit is established, the application will not be considered as filed or complete until the deposit is paid. When a deposit is paid, all consultant fees incurred by the city that are associated with the application will be charged against this deposit. Upon completion of the consultant activities, the applicant shall pay any fees incurred by the city in excess of the deposit. Any excess deposit remaining after the payment of all consultant fees will be returned to the applicant.

First Submission:

Site Plan Review Deposit (A1.003)	$TBD	$_____
Balance to be collected after completion of review	$____	$_____
TOTAL FILING FEE		**$**_____

*Reference: Appendix A Fee Schedule Sec A1.003 Deposit

Cash and checks made payable to "City of Rollingwood" are accepted.
Deliver application, plans and filing fee to:

Carrie Caylor
THE CITY OF ROLLINGWOOD
Phone +1 (512) 327-1838
403 Nixon Dr. Rollingwood, TX 78746-5512
www.rollingwoodtx.gov
Email:ccaylor@rollingwoodtx.gov

_____City Use_____

Application Filing Date City Posting: Not Applicable Date ONE Date: TCEQ Compliance:

Owner Notification: Not Applicable Notification Method Notification Date

Site Plan Review: Not Applicable City Engineer (Date delivered) (Dates received - Recommendation)

ROLLINGWOOD TEXAS

Address_____

Certification of application notice required for New Construction, Additions and External Remodels. Except as provided at the end of this paragraph, written notice of building permit application shall be given to owners of real property lying within 250 feet of the boundaries of the property for which a building permit is requested to allow for a 15-day public review. The application shall not be considered as having been filed with the city until such notice has been delivered and the certification of notice has been submitted. The notice may be delivered to owners either in person, by registered or certified mail. Whenever the notice is served by mail, three days shall be added to the prescribed period. A sample notice and certification of notice are attached in Word format for the applicant's use. PDG will prepare a list of addresses to which the notice shall be mailed. Notice of a building permit application shall not be required for residential interior remodels where no work is to be done to the exterior of the building, including replacement of bedroom emergency egress windows. Reference: Chapter 14 Zoning Article 14.02 Zoning Ordinance Division 16 Administration Sec 14.02.853 Application for Permit (12) Notice of Application.

Recorded subdivision plat of the property in compliance with the requirements of Article 10.02 showing the property as a platted lot in a platted subdivision and recorded by Travis County Clerk's office. Reference: Chapter 10 Article 10.02 Subdivision ordinance.

Compliance with TCEQ regulations is required by TCEQ for New Construction and Additions on land in the city that is located over the Edwards Aquifer Recharge Zone and which is subject to the Texas Commission on Environmental Quality Edwards Rules located at 30 Texas Administrative Code (TAC) chapter 213, as amended. **Although this is required by TCEQ the City of Rollingwood does not enforce this requirement.** For assistance in complying with the TCEQ rules, please contact the Edwards Aquifer Protection Program, TCEQ Austin Region Office, 512/339-2929. Submit with your application TCEQ's written evidence of compliance or statement that the proposed construction does not constitute a regulated activity. Interior remodel work in an existing structure and swimming pools are excluded from this requirement.

TIA If the proposed project is within the professional and business office district (C-1), business district (C-2) or planned unit development district (PUD), the site plan must be accompanied by a traffic impact analysis prepared by a professional approved by the city, indicating the impact of the project on existing traffic conditions and information on the potential congestion caused by ingress and egress. The site plan shall be accompanied by an approval from the Texas Department of Transportation, if applicable, with regard to the location of points of ingress and egress.

All applicants are urged to review the City's Code of Ordinances which is essential to understanding the regulations and requirements affecting properties in the non-residential zoning districts. This information will also provide guidance for preparation of an informative and complete application. Chapter 14 Zoning Divisions 1-4 provide definitions and requirements for all Zoning Districts. Of Divisions 6-12, review the regulations in the one that is relevant to the property for which a building permit will be requested. Division 16 provides invaluable information for preparing and submitting the Commercial Building Permit Application. Chapter 3 Building Regulations provides specific construction requirements and lists the codes that have been adopted by reference and made a part of the City's Code of Ordinances. Certain Sections of the ordinances are referenced throughout this Checklist as they apply to the items being discussed.

The Ordinances can be accessed by the following link or on the City's website rollingwoodtx.gov by selecting Codes and Regulations, then City Code of Ordinances.

THE CITY OF ROLLINGWOOD
Phone +1 (512) 327-1838
403 Nixon Dr. Rollingwood, TX 78746-5512
www.rollingwoodtx.gov

Permit #: 3867
Date: 10/7/2020

COMMERCIAL PLAN REVIEW RECORD 2015 IBC/ IEBC/ IECC/ IMC/ IPC/ IFGC, 2014 NEC

PERMIT APPLICANT: Sang McDonnell

BUILDING LOCATION: Western Hills Athletic Club, 4801 Rollingwood Drive

SCOPE OF WORK: Demolition of existing tennis courts, volleyball court, existing fence. Please see demo sheet for full list. New tennis courts, retaining walls, fencing, landscaping elements, and associated drainage improvements.

Construction Type: V-B
Use Group: A-4 (Tennis Courts)
Separated: N/A
Sprinklered: No
Occupant Load: 30

REVIEWED BY: Richard Emerson, ATS Engineers, Inspectors & Surveyors (512) 328-6995

REVIEW – APPROVED

Documentation Submitted

	Document Date	Sheet(s)	A/E Name	Registration
Site Plan	7/7/2020	101, 301	Matthew Rector, Sr., PE	122861
Architecture	7/7/2020	191	Matthew Rector, Sr., PE	122861
Demolition	7/7/2020	201	Matthew Rector, Sr., PE	122861
Structural	7/7/2020	181	Matthew Rector, Sr., PE	122861
Irrigation	7/7/2020	801	Matthew Rector, Sr., PE	122861

Required Inspections

1. Retaining Wall footing and Special Inspections by engineer, letter turned into city
2. Fence and Gate inspection
3. Final Building and Irrigation inspection

Plan Review Limitations

This plan review does not cover Civil Site, Dark Sky, Fire, Health, Irrigation, Landscape, Parking, Security, Signage, Technology or Zoning.

This plan review describes observations made by ATS in consideration of the referenced codes and does not include recommendations for remedial actions. No independent design or engineering analyses of the architectural, fire protection, structural, mechanical, electrical, plumbing or energy systems has been performed to verify the suitability or performance of the proposed systems, features, and components.

ATS makes no warranties or guarantees, either expressed or implied, that all items of a deficient nature and/or improper construction techniques, etc. have been discovered and commented upon in this plan review. This plan review has been prepared to identify the current code deficiencies observed and should not be considered an exhaustive description of every item that may require correction and/or clarification.

Review and acceptance of these plans for construction does not alleviate the responsibility of the design professional(s) and contractor(s) to comply with the code in its entirety. Field verification must also be completed to ensure compliance with jurisdiction-adopted code(s), ordinances and requirements of other authorities having jurisdiction. ATS has been engaged as a "Building Official" with regard to providing plan review services and inspections and has proceeded as such with the express understanding that the provisions of IBC Section 104 govern its limitations of liability.

Numerals indicated in parenthesis are applicable code sections of the *2015 International Building Code*. The plan review accomplished as indicated in this record is limited to those code sections specifically identified herein. This record references commonly applicable code sections. It does not reference all code provisions which may be applicable to specific buildings. This record is designed to be used only by those who are knowledgeable and capable of exercising competent judgment in evaluating construction documents for code compliance.

Items identified as "**Response required**" shall comply with IBC, Section 107.2.1: Information on construction documents. Construction documents shall be dimensioned and drawn upon suitable material. Electronic media documents are permitted to be submitted when approved by the building official. Construction documents shall be of sufficient clarity to indicate the location, nature and extent of the work proposed and show in detail that it will conform to the provisions of this code and relevant laws, ordinances, rules and regulations, as determined by the building official.

CORRECTION LIST		
No.	**Description**	**Code Section**
	GENERAL & ADMINISTRATIVE	
1	**This plan review has been performed in accordance with the City of Rollingwood adopted codes: 2015 Edition of the International Building, Energy Conservation, Fuel-Gas, Mechanical, Plumbing and 2014 National Electric Code.** **This plan review does not cover Civil Site, Dark Sky, Fire, Health, Landscape, Parking, Security, Signage, Technology or Zoning.** Items in this review stating "**Response required**" shall be provided as Construction documents and shall be dimensioned and drawn upon suitable material. Electronic media documents are permitted to be submitted when approved by the building official. Construction documents shall be of sufficient clarity to indicate the location, nature and extent of the work proposed and show in detail that it will conform to the provisions of this code and relevant laws, ordinances, rules and regulations, as determined by the building official.	City of Rollingwood Ord. 2016-11-16(A), Sec. 3.02.101, 3.02.201, 3.02.251, 3.02.301, 3.02.351, IBC 107.2.1

	No response required.	
2	**Please note:** [F] 501.2 Address identification. New and existing buildings shall be provided with approved address identification. The address identification shall be legible and placed in a position that is visible from the street or road fronting the property. Address identification characters shall contrast with their background. Address numbers shall be Arabic numbers or alphabetical letters. Numbers shall not be spelled out. Each character shall be a minimum of 4 inches (102 mm) high with a minimum stroke width of 1/2 inch (12.7 mm). Where required by the fire code official, address identification shall be provided in additional approved locations to facilitate emergency response. Where access is by means of a private road and the building address cannot be viewed from the public way, a monument, pole or other approved sign or means shall be used to identify the structure. Address identification shall be maintained. **Inspector will site verify.**	501.2
	ARCHITECTURE	
3	**Please note the following regarding gates:** 1010.2 Gates. Gates serving the means of egress system shall comply with the requirements of this section. Gates used as a component in a means of egress shall conform to the applicable requirements for doors. **Inspector will site verify.**	1010.2
4	**Regarding the Means of Egress:** Walking surfaces of the *means of egress* shall have a slip-resistant surface and be securely attached. **Inspector will site verify.**	1003.4
5	**Please ensure Gate Hardware complies with this section.** 1010.1.9.3 Locks and latches. Locks and latches shall be permitted to prevent operation of doors where any of the following exist: 1. Places of detention or restraint. 2. In buildings in occupancy Group A having an occupant load of 300 or less, Groups B, F, M and S, and in places of religious worship, the main door or doors are permitted to be equipped with key-operated locking devices from the egress side provided: 2.1. The locking device is readily distinguishable as locked. 2.2. A readily visible durable sign is posted on the egress side on or adjacent to the door stating: **THIS DOOR TO REMAIN UNLOCKED WHEN THIS SPACE IS OCCUPIED.** The sign shall be in letters 1 inch (25 mm) high on a contrasting background. 2.3. The use of the key-operated locking device is revocable by the building official for due cause. 3. Where egress doors are used in pairs, approved automatic flush bolts shall be permitted to be used, provided that the door leaf having the automatic flush bolts does not have a doorknob or surface-mounted hardware. 4. Doors from individual dwelling or sleeping units of Group R occupancies having an occupant load of 10 or less are permitted to be equipped with a night latch, dead bolt or security chain, provided such devices are openable from the inside without the use of a key or tool. 5. Fire doors after the minimum elevated temperature has disabled the unlatching mechanism in accordance with listed fire door test procedures. 1010.1.10 Panic and fire exit hardware. Doors serving a Group H occupancy and doors serving rooms or spaces with an occupant load of 50 or more in a Group A or E occupancy shall not be provided with a latch or lock other than panic hardware or fire exit hardware. Exceptions: 1. A main exit of a Group A occupancy shall be permitted to be locking in accordance with Section 1010.1.9.3, Item 2. 2. Doors serving a Group A or E occupancy shall be permitted to be electromagnetically locked in accordance with Section 1010.1.9.9. Electrical rooms with equipment rated 1,200 amperes or more and over 6 feet (1829 mm) wide, and that contain over-current devices, switching devices or control devices with exit or exit access doors, shall be equipped with panic hardware or fire exit hardware. The doors	1010.9.3, 1010.1.10

	shall swing in the direction of egress travel. **Door hardware is subject to review and approval by the Inspector.**	
	ACCESSIBILITY	
6	**An accessible route is required to both sides of the court without leaving the immediate area.** 1110.4.4 Court sports. In court sports, at least one accessible route shall directly connect both sides of the court. **Inspector will site verify.**	1110.4.4
	STRUCTURAL	
7	**Contractor is to notify city of damage to any structural member(s) while in the course of demolition and/ or construction.**	110.3.8
8	**Special Inspections required by Chapter 17 are the responsibility of the engineer of record.** 1704.2.4 Report requirement. Approved agencies shall keep records of special inspections and tests. The approved agency shall submit reports of special inspections and tests to the building official and to the registered design professional in responsible charge. Reports shall indicate that work inspected or tested was or was not completed in conformance to approved construction documents. Discrepancies shall be brought to the immediate attention of the contractor for correction. If they are not corrected, the discrepancies shall be brought to the attention of the building official and to the registered design professional in responsible charge prior to the completion of that phase of the work. A final report documenting required special inspections and tests, and correction of any discrepancies noted in the inspections or tests, shall be submitted at a point in time agreed upon prior to the start of work by the owner or the owner's authorized agent to the building official. **Letters of Concurrence must be turned in to the city prior to Final Inspection.**	1704.2.4

END OF REPORT

Western Hills Athletic Club

4801 Rollingwood Drive
Austin, Texas 78746

SUBMITTAL DATE
DATE: APRIL 24, 2020

OWNER:
WESTERN HILLS ATHLETIC CLUB
4801 ROLLINGWOOD DR
AUSTIN, TEXAS 78746

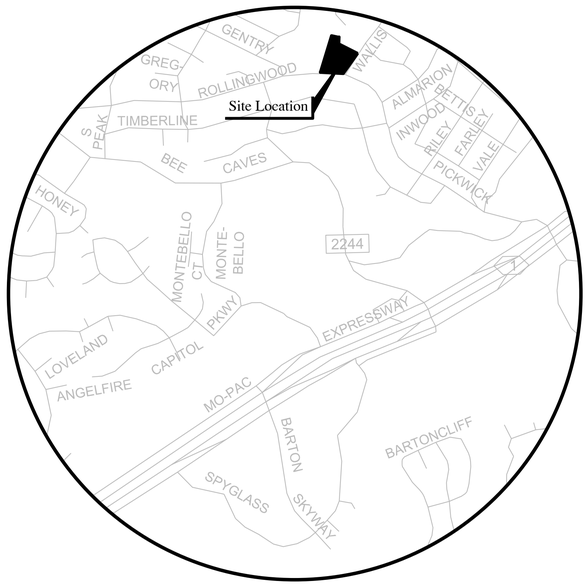
CONTACT:
CATHERINE SCOTT, PRESIDENT
(512) 327-6373

LANDSCAPE ARCHITECT:
MWM DESIGN GROUP, INC.
305 E HUNTLAND DR, STE #200
AUSTIN, TEXAS 78752

CONTACT:
DAVID CAZARES, ASLA, LEED AP
(512) 453-0767

CIVIL ENGINEER / AGENT:
MWM DESIGN GROUP, INC.
305 E HUNTLAND DR, STE #200
AUSTIN, TEXAS 78752

CONTACT:
MATTHEW RECTOR, P.E., CFM
(512) 453-0767



LOCATION MAP

LEGAL DESCRIPTION: LOT 1, WESTERN HILLS ATHLETIC CLUB ADDITION
ZONED: PARK ZONING DISTRICT (P)
PROPOSED IMPERVIOUS COVER: 68186.17 SF, 50%
WATERSHED: LADY BIRD LAKE & EANES CREEK CLASSIFICATION: SUBURBAN

Sheet List		
Sheet Index	Sheet Number	Sheet Name
1	000	COVER SHEET
2	001	GENERAL NOTES
3	010	EXISTING CONDITIONS
4	101	SITE PLAN
5	181	SITE DETAILS
6	191	SITE DETAILS
7	201	DEMOLITION PLAN
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15	531	WATER QUALITY POND PLAN
16	541	DETENTION POND PLAN
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18	543	DETENTION POND DETAILS
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22	700	LANDSCAPE NOTES & CALCULATIONS
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24	710	WATER QUALITY POND PLANTING PLAN
25	791	LANDSCAPE DETAILS
26	801	IRRIGATION PLAN

NOTES:

1. THIS SITE LIES WITHIN THE ROLLINGWOOD FULL PURPOSE JURISDICTION.
2. NO PORTION OF THIS SITE IS WITHIN THE 100 YEAR FLOODPLAIN AS PER FEMA FIRM PANEL #48453C0445K, DATED JANUARY 22, 2020.
3. NO CRITICAL ENVIRONMENTAL FEATURES ARE KNOWN TO EXIST WITHIN 150' OF THE PROJECT SITE.
4. THIS SITE IS LOCATED OVER THE EDWARD'S AQUIFER RECHARGE ZONE.
5. TREES GREATER THAN 8" IN DIAMETER ARE KNOWN TO EXIST ON THIS SITE.
6. AS PART OF THE SITE PLAN, THE STORM WATER POLLUTION PREVENTION PLAN (SWIPPP) IS REQUIRED TO BE ON SITE AT ALL TIMES.

RELEASE OF THIS APPLICATION DOES NOT CONSTITUTE A VERIFICATION OF ALL DATA, INFORMATION AND CALCULATIONS SUPPLIED BY THE APPLICANT. THE ENGINEER OF RECORD IS SOLELY RESPONSIBLE FOR THE COMPLETENESS, ACCURACY AND ADEQUACY OF HIS/HER SUBMITTAL, WHETHER OR NOT THE APPLICATION IS REVIEWED FOR CODE COMPLIANCE BY CITY ENGINEERS.

SUBMITTED BY:

MATTHEW RECTOR, P.E., CFM — DATE
MWM DESIGNGROUP
305 E HUNTLAND DRIVE, SUITE 200
AUSTIN, TX. 78752
(512)453-0767

APPROVED BY:

FOR DIRECTOR OF PLANNING AND DEVELOPMENT REVIEW DEPARTMENT — DATE

SITE DEVELOPMENT PERMIT NUMBER

PERMIT DOCUMENTS

These plans have been reviewed by ATS Engineers, Inspectors and Surveyors for code compliance and adopted jurisdictional ordinances. This stamp of review in no way alleviates the responsibility of the owner or contractor to comply with all codes, ordinances, State and Federal laws. Copy of plans bearing this stamp shall be available on the jobsite at all times.

THIS SET TO REMAIN ON-SITE

07/07/2020
STATE OF TEXAS — MATTHEW A. RECTOR SR — 122861 — LICENSED PROFESSIONAL ENGINEER

REGISTERED LANDSCAPE ARCHITECT — DAVID J. CAZARES — 1871 — STATE OF TEXAS
07/07/2020

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305 East Huntland Drive
Suite 200
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p: 512.453.0767
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TBAE FIRM REGISTRATION NO.: 1452
TBPE FIRM REGISTRATION NO.: F-1416
TBPLS FIRM REGISTRATION NO.: 10065600

NO.	DATE	DESCRIPTION	BY

0 1"
The bar above measures one inch on the original drawing. Adjust scales accordingly.

COVER SHEET

Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

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1 OF 26

Files: Y:\863-01_WH_Athletic_Club\CAD\Sheets\000 Cover.dwg 22x34

CONTRACTOR NOTES:

1. THE INFORMATION SHOWN ON THESE DRAWINGS INDICATING TYPE AND LOCATION OF UNDERGROUND, SURFACE, AND AERIAL UTILITIES IS NOT GUARANTEED TO BE EXACT OR COMPLETE. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT TYPE AND LOCATION OF ALL UTILITIES AFFECTED BY CONSTRUCTION FOR THIS PROJECT IN ORDER TO AVOID DAMAGING THOSE UTILITIES. THE CONTRACTOR SHALL A) IMMEDIATELY ARRANGE FOR REPAIR AND RESTORATION OF CONTRACTOR-DAMAGED UTILITIES, AND B) PAY FOR SAME AT NO EXTRA COST TO THE OWNER.

2. THE BIDDER (CONTRACTOR AFTER AWARD) SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY UNREPORTED OBSTACLES OR DISCREPANCIES THAT MAY IMPEDE OR PREVENT THE PROPER CONSTRUCTION OF THIS PROJECT.

3. WHERE REMOVAL OF BASE AND PAVEMENT IS NECESSARY FOR THIS PROJECT ALL BASE AND PAVEMENT SHALL BE REPLACED IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS AND COA STANDARD SPECIFICATIONS. ALL PAVEMENT CUTS SHALL BE SAW CUT PRIOR TO PLACEMENT OF H.M.A.C. AND COORDINATED WITH COA AND CITY INSPECTORS.

4. SLOPES OF ROADWAY CUTS AND EMBANKMENTS DAMAGED BY ANY OPERATION OF THE CONTRACTOR DURING THE EXECUTION OF THIS PROJECT SHALL BE REPAIRED AND RESTORED TO THE ORIGINAL PRE-CONSTRUCTION CONDITION IN ACCORDANCE WITH ALL APPLICABLE PROVISIONS OF THE STANDARD SPECIFICATIONS. BACK FILL AND FILL PLACED DURING REMEDIAL GRADING SHALL BE COMPACTED TO A DENSITY EQUAL TO OR GREATER THAN THAT OF THE ORIGINAL CONDITIONS AND TO THE SATISFACTION OF THE ENGINEER AND GOVERNING AUTHORITIES.

5. BEFORE DISCONNECTING ANY WATER LINE OR GAS LINE, CONTRACTOR MUST PROVIDE FORTY-EIGHT (48) HOUR NOTICE TO THE OWNER EXCEPT IN THE CASE OF A BONA FIDE EMERGENCY.

6. CONTRACTOR SHALL COMPLY WITH CONSTRUCTION SEQUENCING WHICH IS SPECIFIED ON THIS SHEET.

7. ALL CONSTRUCTION SHALL FOLLOW THE LATEST VERSIONS OF THE CITY OF ROLLINGWOOD STANDARD DETAILS AND SPECIFICATIONS, UNLESS NOTED OTHERWISE.

8. UPON REQUEST, COMPUTER AIDED DESIGN (CAD) FILES CAN BE MADE AVAILABLE TO THE CONTRACTOR FOR THE PURPOSES OF CONSTRUCTION STAKING.

9. CONTRACTOR TO PROVIDE A 24-HOUR (MINIMUM) NOTICE TO ENGINEER PRIOR TO ALL UTILITY INSTALLATION TO ALLOW FOR VISUAL OBSERVATION OF TRENCH EXCAVATION, BEDDING, PIPE MATERIAL, AND BACKFILL.

PAVEMENT:

1. CONCRETE PAVEMENT SHALL BE FURNISHED AND INSTALLED IN COMPLIANCE WITH ITEM 360 OF THE CITY OF ROLLINGWOOD STANDARD SPECIFICATIONS.

2. CONTRACTOR SHALL PROVIDE A 24-HOUR (MINIMUM) NOTICE TO ENGINEER PRIOR TO ALL CONCRETE POURS TO ALLOW FOR VISUAL OBSERVATION OF FORMWORK AND REBAR PLACEMENT.

EXCAVATION AND BACKFILL:

1. ALL EXCAVATION FOR THIS PROJECT SHALL BE UNCLASSIFIED.

2. CONTRACTOR/REPAIR CREW MUST NOTIFY INSPECTOR AT LEAST TWENTY FOUR (24) HOURS PRIOR TO BEGINNING PERMANENT BACK FILL OPERATIONS.

3. BACKFILL DENSITY SHALL BE AS SPECIFIED IN ITEM 510 OF THE COA STANDARD SPECIFICATIONS. TEST METHODS SHALL BE AS SPECIFIED IN THE CITY STANDARD SPECIFICATIONS UNLESS INDICATED OTHERWISE IN WRITING BY THE ENGINEER.

4. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS.

HANDICAP ACCESSBILITY:

1. ACCESSIBLE ROUTES MUST HAVE A RUNNING-SLOPE NO GREATER THAN 5% UNLESS DESIGNED AS A RAMP.

2. ACCESSIBLE ROUTES MUST HAVE A CROSS-SLOPE NO GREATER THAN 2%.

3. THE MAXIMUM RUNNING SLOPE OF A RAMP IN NEW CONSTRUCTION IS 8.33%.

4. TAS AND ADA CRITERIA SHALL GOVERN.

SAFETY:

1. CONTRACTOR SHALL MAINTAIN THE JOB SITE IN A SAFE, NEAT AND WORKMANLIKE MANNER AT ALL TIMES. JOB SITE SAFETY SHALL NOT BE COMPROMISED. ANY UNATTRACTIVE NUISANCE SHALL BE REMOVED OR CAMOUFLAGED BY CONTRACTOR WHEN DIRECTED BY THE OWNER OR ENGINEER.

2. ALL HOLES, TRENCHES, AND OTHER HAZARDOUS AREAS SHALL BE ADEQUATELY PROTECTED BY BARRICADES, FENCING, LIGHTS, AND/OR OTHER PROTECTIVE DEVICES AT ALL TIMES.

3. REMOVAL OF EXCAVATED MATERIALS AND DAILY CLEANUP OPERATIONS SHALL BE PERFORMED TO THE SPECIFICATIONS AND TO THE SATISFACTION OF THE OWNER AND ENGINEER.

4. CONTRACTOR SHALL MAINTAIN A SUPERINTENDENT UPON THE PROJECT AT ALL TIMES WORK IS IN PROGRESS.

TRAFFIC CONTROL NOTES:

1. THE CONTRACTOR SHALL MAINTAIN CLEAR PASSAGE FOR LOCAL TRAFFIC AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

2. ALL TRAFFIC CONTROL DEVICES, SIGNS, BARRICADES, WARNING SIGNS, AND FLAG MEN OPERATIONS SHALL BE PLACED, CONSTRUCTED, EXECUTED AND MAINTAINED IN ACCORDANCE WITH THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD).

3. WHERE PORTABLE SIGNS REQUIRE THE USE OF WEIGHTS, SANDBAGS SHALL BE USED. THE USE OF SOLID OBJECTS SUCH AS CONCRETE, ROCKS, IRON, ETC. SHALL NOT BE PERMITTED.

4. INSTALLATION OF CONSTRUCTION BARRICADING AND SIGNING SHALL BE COORDINATED THROUGH THE CITY OF ROLLINGWOOD RIGHT OF WAY MANAGEMENT AT (512) 974-1150 (OR APPLICABLE REGULATORY ENTITY).

5. ALL TRAFFIC CONTROL SIGNS SHALL REMAIN IN PLACE UNLESS OTHERWISE SHOWN ON THE PLANS. IF SIGNS REQUIRE RELOCATION, CONTRACTOR SHALL CONTACT THE APPLICABLE REGULATORY ENTITY.

6. CONTRACTOR MUST RESTORE ALL PAVEMENT MARKINGS DISTURBED DURING CONSTRUCTION. CONTRACTOR SHALL OBSERVE ALL APPLICABLE MATERIALS, SPECIFICATIONS, AND INSTALLATION REQUIREMENTS INCLUDING SPECIAL ATTENTION TO MAINTAINING PROPER DIMENSIONS AND ALIGNMENT.

TRENCH SAFETY:

1. IN ACCORDANCE WITH THE LAWS OF THE STATE OF TEXAS AND THE U.S. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS, ALL TRENCHES OVER 5 FEET IN DEPTH IN EITHER HARD AND COMPACT OR SOFT AND UNSTABLE SOIL SHALL BE SLOPED, SHORED, SHEETED, BRACED OR OTHERWISE SUPPORTED. FURTHERMORE, ALL TRENCHES LESS THAN 5 FEET IN DEPTH SHALL ALSO BE EFFECTIVELY PROTECTED WHEN HAZARDOUS GROUND MOVEMENT MAY BE EXPECTED.

2. IN ACCORDANCE WITH THE U.S. OSHA REGULATIONS, WHEN EMPLOYEES ARE REQUIRED TO BE IN TRENCHES 4 FOOT DEEP OR MORE, ADEQUATE MEANS OF EXIT, SUCH AS A LADDER OR STEPS, MUST BE PROVIDED AND LOCATED SO AS TO REQUIRE NO MORE THAN 25 FEET OF LATERAL TRAVEL.

ORDINANCE REQUIREMENTS

1. ALL IMPROVEMENTS SHALL BE MADE IN ACCORDANCE WITH THE RELEASED SITE PLAN. ANY ADDITIONAL IMPROVEMENTS WILL REQUIRE A SITE PLAN AMENDMENT AND APPROVAL FROM THE DEVELOPMENT SERVICES DEPARTMENT.
2. APPROVAL OF THIS SITE PLAN DOES NOT INCLUDE BUILDING CODE APPROVAL; FIRE CODE APPROVAL; OR BUILDING, DEMOLITION, OR RELOCATION PERMITS APPROVAL. A CITY DEMOLITION OR RELOCATION PERMIT CAN ONLY BE ISSUED ONCE THE HISTORIC REVIEW PROCESS IS COMPLETED.
3. ALL SIGNS MUST COMPLY WITH THE REQUIREMENTS OF THE LAND DEVELOPMENT CODE.
4. THE OWNER IS RESPONSIBLE FOR ALL COSTS OF RELOCATION OF, OR DAMAGE TO, UTILITIES.
5. ADDITIONAL ELECTRIC EASEMENTS MAY BE REQUIRED AT A LATER DATE.
6. A SITE DEVELOPMENT PERMIT MUST BE ISSUED PRIOR TO AN APPLICATION FOR BUILDING PERMIT FOR NONCONSOLIDATED OR LAND USE COMMISSION APPROVED SITE PLANS.
7. WATER AND WASTEWATER SERVICE WILL BE PROVIDED BY THE CITY OF ROLLINGWOOD.
8. NO CERTIFICATE OF OCCUPANCY MAY BE ISSUED FOR THE PROPOSED RESIDENTIAL CONDOMINIUM PROJECT UNTIL THE OWNER OR OWNERS OF THE PROPERTY HAVE COMPLIED WITH CHAPTER 81 AND 82 OF THE PROPERTY CODE OF THE STATE OF TEXAS OR ANY OTHER STATUTES ENACTED BY THE STATE CONCERNING CONDOMINIUMS.
9. FOR CONSTRUCTION WITHIN THE RIGHT-OF-WAY, A R.O.W. EXCAVATION PERMIT IS REQUIRED.

COMPATIBILITY

1. HIGHLY REFLECTIVE MATERIALS WILL NOT BE USED. MATERIALS MAY NOT EXCEED 20% REFLECTIVITY. THIS REQUIREMENT SHALL NOT APPLY TO SOLAR PANELS OR TO COPPER OR PAINTED METAL ROOFS.
2. THE NOISE LEVEL OF MECHANICAL EQUIPMENT WILL NOT EXCEED 70 D.B.A. AT THE PROPERTY LINE ADJACENT TO RESIDENTIAL USES.
3. ALL EXTERIOR LIGHTING SHALL BE HOODED OR SHIELDED FROM THE VIEW OF ADJACENT RESIDENTIAL USES, OR PROPERTY ZONED RESIDENTIAL.
4. EXTERIOR LIGHTING ABOVE THE SECOND FLOOR IS PROHIBITED WHEN ADJACENT TO RESIDENTIAL PROPERTY.
5. ALL DUMPSTERS AND ANY PERMANENTLY PLACED REFUSE RECEPTACLES WILL BE LOCATED AT A MINIMUM OF TWENTY (20) FEET FROM A PROPERTY USED OR ZONED AS SF-5 OR MORE RESTRICTIVE.

FIRE DEPARTMENT

1. THE ROLLINGWOOD FIRE DEPARTMENT REQUIRES ASPHALT OR CONCRETE PAVEMENT PRIOR TO CONSTRUCTION AS AN "ALL-WEATHER DRIVING SURFACE."
2. HYDRANTS MUST BE INSTALLED WITH THE CENTER OF THE FOUR-INCH OPENING AT LEAST 18 INCHES ABOVE FINISHED GRADE. THE FOUR-INCH OPENING MUST FACE THE DRIVEWAY OR STREET WITH THREE- TO SIX-FOOT SETBACKS FROM THE CURBLINE(S). NO OBSTRUCTION IS ALLOWED WITHIN THREE FEET OF ANY HYDRANT AND THE FOUR-INCH OPENING MUST BE TOTALLY UNOBSTRUCTED FROM THE STREET.
3. TIMING OF INSTALLATION: WHEN FIRE PROTECTION FACILITIES ARE INSTALLED BY THE DEVELOPER, SUCH FACILITIES SHALL INCLUDE ALL SURFACE ACCESS ROADS WHICH SHALL BE INSTALLED AND MADE SERVICEABLE PRIOR TO AND DURING THE TIME OF CONSTRUCTION. WHERE ALTERNATIVE METHODS OF PROTECTION, AS APPROVED BY THE FIRE CHIEF, ARE PROVIDED, THE ABOVE MAY BE MODIFIED OR WAIVED.
4. ALL PERVIOUS/DECORATIVE PAVING SHALL BE ENGINEERED AND INSTALLED FOR 80,000 LB. LIVE-VEHICLE LOADS. ANY PERVIOUS/DECORATIVE PAVING WITHIN 100 FEET OF ANY BUILDING MUST BE APPROVED BY THE FIRE DEPARTMENT.
5. COMMERCIAL DUMPSTERS AND CONTAINERS WITH AN INDIVIDUAL CAPACITY OF 1.5 CUBIC YARDS OR GREATER SHALL NOT BE STORED OR PLACED WITHIN TEN FEET OF OPENINGS, COMBUSTIBLE WALLS, OR COMBUSTIBLE EAVE LINES. CITY OF ROLLINGWOOD | CONSOLIDATED SITE PLAN APPLICATION INSTRUCTIONS REV 7/19/2016 | PAGE 30 OF 38
6. FIRE LANES DESIGNATED ON SITE PLAN SHALL BE REGISTERED WITH CITY OF ROLLINGWOOD FIRE MARSHAL'S OFFICE AND INSPECTED FOR FINAL APPROVAL.
7. VERTICAL CLEARANCE REQUIRED FOR FIRE APPARATUS IS 14 FEET FOR FULL WIDTH OF ACCESS DRIVE.

GENERAL CONSTRUCTION NOTES:

1. ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF ROLLINGWOOD MUST RELY ON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

2. CONTRACTOR SHALL CALL TEXAS 811 (811 OR 1-800-344-8377) FOR UTILITY LOCATIONS PRIOR TO ANY WORK IN CITY EASEMENTS OR STREET R.O.W.

3. CONTRACTOR SHALL NOTIFY THE CITY OF ROLLINGWOOD TO SUBMIT REQUIRED DOCUMENTATION, PAY CONSTRUCTION INSPECTION FEES, AND TO SCHEDULE THE REQUIRED SITE AND SUBDIVISION PRE-CONSTRUCTION MEETING. THIS MEETING MUST BE HELD PRIOR TO ANY CONSTRUCTION ACTIVITIES WITHIN THE R.O.W. OR PUBLIC EASEMENTS. PLEASE VISIT HTTP://AUSTINTEXAS.GOV/PAGE/COMMERCIAL-SITE-AND-SUBDIVISION-INSPECTIONS FOR A LIST OF SUBMITTAL REQUIREMENTS, INFORMATION CONCERNING FEES, AND CONTACT INFORMATION.

4. FOR SLOPES OR TRENCHES GREATER THAN FIVE FEET IN DEPTH, A NOTE MUST BE ADDED STATING: "ALL CONSTRUCTION OPERATIONS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH APPLICABLE REGULATIONS OF THE U.S. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION." (OSHA STANDARDS MAY BE PURCHASED FROM THE GOVERNMENT PRINTING OFFICE; INFORMATION AND RELATED REFERENCE MATERIALS MAY BE PURCHASED FROM OSHA, 611 EAST 6TH STREET, ROLLINGWOOD TEXAS.)

5. ALL SITE WORK MUST ALSO COMPLY WITH ENVIRONMENTAL REQUIREMENTS.

6. UPON COMPLETION OF THE PROPOSED SITE IMPROVEMENTS AND PRIOR TO THE FOLLOWING, THE ENGINEER SHALL CERTIFY IN WRITING THAT THE PROPOSED DRAINAGE, FILTRATION AND DETENTION FACILITIES WERE CONSTRUCTED IN CONFORMANCE WITH THE APPROVED PLANS; RELEASE OF THE CERTIFICATE OF OCCUPANCY BY THE DEVELOPMENT SERVICES DEPARTMENT (INSIDE THE CITY LIMITS); OR INSTALLATION OF AN ELECTRIC OR WATER METER (IN THE FIVE-MILE ETJ)

DEVELOPER INFORMATION

WESTERN HILLS ATHLETIC CLUB OWNER	(512) 327-6373 PHONE #
4801 ROLLINGWOOD DR, AUSTIN, TX 78746 OWNER ADDRESS	
CATHERINE SCOTT OWNER'S REPRESENTATIVE RESPONSIBLE FOR PLAN ALTERATIONS	(512) 327-6373 PHONE #
JOSH MCKAY PERSON OR FIRM RESPONSIBLE FOR EROSION/SEDIMENTATION CONTROL MAINTENANCE	(512) 426-1483 PHONE #
JOSH MCKAY PERSON OR FIRM RESPONSIBLE FOR TREE/NATURAL AREA PROTECTION MAINTENANCE	(512) 426-1483 PHONE #

AMERICANS WITH DISABILITIES ACT
THE CITY OF ROLLINGWOOD HAS REVIEWED THIS PLAN FOR COMPLIANCE WITH CITY DEVELOPMENT REGULATIONS ONLY. THE APPLICANT, PROPERTY OWNER, AND OCCUPANT OF THE PREMISES ARE RESPONSIBLE FOR DETERMINING WHETHER THE PLAN COMPLIES WITH ALL OTHER LAWS, REGULATIONS, AND RESTRICTIONS WHICH MAY BE APPLICABLE TO THE PROPERTY AND ITS USE.

BENCHMARK INFORMATION
COORDINATE BASIS: GRID AZIMUTH FOR TEXAS CENTRAL ZONE STATE PLANE COORDINATES, BASED ON GPS SOLUTIONS FROM THE NATIONAL GEODETIC SURVEY (NGS) ON-LINE POSITIONING USER SERVICE (OPUS).

BENCHMARKS:

B.M. #1 – SQUARE CUT ON B.O.C., NORTH SIDE OF ROLLINGWOOD DR.
+/-105 FEET WEST OF WALLIS DR.
ELEV.=628.77'

B.M. #3 – SQUARE CUT ON B.O.C. ON THE WEST SIDE OF WALLIS DR.
+/-190 FEET NORTH OF ROLLINGWOOD DR.
ELEV.=631.07'

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
WATER POLLUTION ABATEMENT PLAN
GENERAL CONSTRUCTION NOTES:

1. A WRITTEN NOTICE OF CONSTRUCTION MUST BE SUBMITTED TO THE TCEQ REGIONAL OFFICE AT LEAST 48 HOURS PRIOR TO THE START OF ANY REGULATED ACTIVITIES. THIS NOTICE MUST INCLUDE:
   - THE NAME OF THE APPROVED PROJECT;
   - THE ACTIVITY START DATE; AND
   - THE CONTACT INFORMATION OF THE PRIME CONTRACTOR.

2. ALL CONTRACTORS CONDUCTING REGULATED ACTIVITIES ASSOCIATED WITH THIS PROJECT MUST BE PROVIDED WITH COMPLETE COPIES OF THE APPROVED WATER POLLUTION ABATEMENT PLAN (WPAP) AND THE TCEQ LETTER INDICATING THE SPECIFIC CONDITIONS OF ITS APPROVAL. DURING THE COURSE OF THESE REGULATED ACTIVITIES, THE CONTRACTORS ARE REQUIRED TO KEEP ON-SITE COPIES OF THE APPROVED PLAN AND APPROVAL LETTER.

3. IF ANY SENSITIVE FEATURE(S) (CAVES, SOLUTION CAVITY, SINK HOLE, ETC.) IS DISCOVERED DURING CONSTRUCTION, ALL REGULATED ACTIVITIES NEAR THE SENSITIVE FEATURE MUST BE SUSPENDED IMMEDIATELY. THE APPROPRIATE TCEQ REGIONAL OFFICE MUST BE IMMEDIATELY NOTIFIED OF ANY SENSITIVE FEATURES ENCOUNTERED DURING CONSTRUCTION. CONSTRUCTION ACTIVITIES MAY NOT BE RESUMED UNTIL THE TCEQ HAS REVIEWED AND APPROVED THE APPROPRIATE PROTECTIVE MEASURES IN ORDER TO PROTECT ANY SENSITIVE FEATURE AND THE EDWARDS AQUIFER FROM POTENTIALLY ADVERSE IMPACTS TO WATER QUALITY.

4. NO TEMPORARY OR PERMANENT HAZARDOUS SUBSTANCE STORAGE TANK SHALL BE INSTALLED WITHIN 150 FEET OF A WATER SUPPLY SOURCE, DISTRIBUTION SYSTEM, WELL, OR SENSITIVE FEATURE.

5. PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITY, ALL TEMPORARY EROSION AND SEDIMENTATION (E&S) CONTROL MEASURES MUST BE PROPERLY INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE APPROVED PLANS AND MANUFACTURERS SPECIFICATIONS. IF INSPECTIONS INDICATE A CONTROL HAS BEEN USED INAPPROPRIATELY, OR INCORRECTLY, THE APPLICANT MUST REPLACE OR MODIFY THE CONTROL FOR SITE SITUATIONS. THESE CONTROLS MUST REMAIN IN PLACE UNTIL THE DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED.

6. ANY SEDIMENT THAT ESCAPES THE CONSTRUCTION SITE MUST BE COLLECTED AND PROPERLY DISPOSED OF BEFORE THE NEXT RAIN EVENT TO ENSURE IT IS NOT WASHED INTO SURFACE STREAMS, SENSITIVE FEATURES, ETC.

7. SEDIMENT MUST BE REMOVED FROM THE SEDIMENT TRAPS OR SEDIMENTATION BASINS NOT LATER THAN WHEN IT OCCUPIES 50% OF THE BASIN'S DESIGN CAPACITY.

8. LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION CHEMICALS EXPOSED TO STORMWATER SHALL BE PREVENTED FROM BEING DISCHARGED OFFSITE.

9. ALL SPOILS (EXCAVATED MATERIAL) GENERATED FROM THE PROJECT SITE MUST BE STORED ON-SITE WITH PROPER E&S CONTROLS. FOR STORAGE OR DISPOSAL OF SPOILS AT ANOTHER SITE ON THE EDWARDS AQUIFER RECHARGE ZONE, THE OWNER OF THE SITE MUST RECEIVE APPROVAL OF A WATER POLLUTION ABATEMENT PLAN FOR THE PLACEMENT OF FILL MATERIAL OR MASS GRADING PRIOR TO THE PLACEMENT OF SPOILS AT THE OTHER SITE.

10. IF PORTIONS OF THE SITE WILL HAVE A TEMPORARY OR PERMANENT CEASE IN CONSTRUCTION ACTIVITY LASTING LONGER THAN 14 DAYS, SOIL STABILIZATION IN THOSE AREAS SHALL BE INITIATED AS SOON AS POSSIBLE PRIOR TO THE 14TH DAY OF INACTIVITY. IF ACTIVITY WILL RESUME PRIOR TO THE 21ST DAY, STABILIZATION MEASURES ARE NOT REQUIRED. IF DROUGHT CONDITIONS OR INCLEMENT WEATHER PREVENT ACTION BY THE 14TH DAY, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS POSSIBLE.

11. THE FOLLOWING RECORDS SHALL BE MAINTAINED AND MADE AVAILABLE TO THE TCEQ UPON REQUEST:
   - THE DATES WHEN MAJOR GRADING ACTIVITIES OCCUR;
   - THE DATES WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON A PORTION OF THE SITE; AND
   - THE DATES WHEN STABILIZATION MEASURES ARE INITIATED.

12. THE HOLDER OF ANY APPROVED EDWARD AQUIFER PROTECTION PLAN MUST NOTIFY THE APPROPRIATE REGIONAL OFFICE IN WRITING AND OBTAIN APPROVAL FROM THE EXECUTIVE DIRECTOR PRIOR TO INITIATING ANY OF THE FOLLOWING:
   A. ANY PHYSICAL OR OPERATIONAL MODIFICATION OF ANY WATER POLLUTION ABATEMENT STRUCTURE(S), INCLUDING BUT NOT LIMITED TO PONDS, DAMS, BERMS, SEWAGE TREATMENT PLANTS, AND DIVERSIONARY STRUCTURES;
   B. ANY CHANGE IN THE NATURE OR CHARACTER OF THE REGULATED ACTIVITY FROM THAT WHICH WAS ORIGINALLY APPROVED OR A CHANGE WHICH WOULD SIGNIFICANTLY IMPACT THE ABILITY OF THE PLAN TO PREVENT POLLUTION OF THE EDWARDS AQUIFER;
   C. ANY DEVELOPMENT OF LAND PREVIOUSLY IDENTIFIED AS UNDEVELOPED IN THE ORIGINAL WATER POLLUTION ABATEMENT PLAN.

AUSTIN REGIONAL OFFICE
12100 PARK 35 CIRCLE, BUILDING A
AUSTIN, TEXAS 78753-1808
PHONE (512) 339-2929
FAX (512) 339-3795

SAN ANTONIO REGIONAL OFFICE
14250 JUDSON ROAD
SAN ANTONIO, TEXAS 78233-4480
PHONE (210) 490-3096
FAX (210) 545-4329

PERMIT DOCUMENTS

07/07/2020

STATE OF TEXAS
MATTHEW A. RECTOR SR.
122861
LICENSED PROFESSIONAL ENGINEER

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TBAE FIRM REGISTRATION NO.: 1452
TBPE FIRM REGISTRATION NO.: F-1416
TBPLS FIRM REGISTRATION NO.: 10065600

NO.	DATE	DESCRIPTION	BY

0 1"
The bar above measures one inch on the original drawing. Adjust scales accordingly.

GENERAL NOTES

Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

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2 OF 26

File: Y:\863-01_WH_Athletic_Club\CAD\Sheets\001 Notes.dwg 22x34

LOCATION MAP
NOT TO SCALE

SCALE: 1" = 30'
GRAPHIC SCALE
30 15 0 30

A SURVEY OF ALL OF LOT 1, WESTERN HILLS ATHLETIC CLUB ADDITION, A SUBDIVISION OF RECORD IN TRAVIS COUNTY, TEXAS ACCORDING TO THE MAP OR PLAT THEREOF RECORDED IN VOLUME 79, PAGE 355 OF THE THE PLAT RECORDS OF TRAVIS COUNTY, TEXAS, SAVE AND EXCEPT A 2,411 SQUARE FEET TRACT DESCRIBED IN VOLUME 11901, PAGE 1260 OF THE REAL PROPERTY RECORDS OF TRAVIS COUNTY, TEXAS.

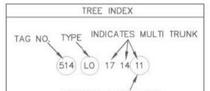
TREE LIST

16901 HB 7 4	20027 CE 8	20055 LO 8 7	20082 LO 21	20118 CDR 7	20144 LO 10 9
16902 CE 6 4	20028 CE 9	20056 CDR 13	20083 LO 17	20119 CDR 7	20145 LO 13
16903 LO 9	20029 CB 14	20057 LO 16 12	20084 LO 12	20120 CDR 9	20146 CDR 10
16904 LO 7	20030 CB 14	20058 CDR 14	20086 LO 12	20121 LO 7	20147 LO 6
16905 LO 9	20032 HB 13	20059 LO 13	20088 LO 14	20122 CDR 6	20148 LO 18 13
16906 LO 8	20033 CB 9	20060 CDR 7	20089 LO 11	20123 CDR 8	20149 CE 10 5
16907 CE 7 4	20034 CB 11 7 5	20061 CE 6	20090 LO 16	20124 CDR 6	20150 CE 14
16908 LO 13	20035 CB 7	20062 CDR 8	20093 LO 18	20125 LO 13	20151 CB 10
16909 LO 7	20036 CB 8	20063 LO 17	20094 LO 12	20126 LO 9	20152 CB 13
16910 CB 9	20038 CB 15	20064 CDR 10	20095 LO 10	20127 LO 8	20155 LIG 9 6 6
16911 CB 7	20039 CDR 10	20065 PO 19 16	20096 LO 11	20128 CDR 6	20158 CB 8
16912 LIG 8 6	20040 CE 8	20066 CDR 8	20097 LO 9	20129 CDR 12	20159 CB 20
16913 BE 8	20041 CE 13	20067 LO 7	20098 LO 12	20130 CDR 7	20160 CE 10
16914 BE 6	20042 CE 12	20068 LO 10	20099 LO 15	20131 CDR 7	20161 CE 9 8
16915 BE 6	20043 CE 10 8	20069 LO 11 8	20100 LO 12	20132 CDR 7	20162 LO 20
16916 WLNT 7	20044 LO 10	20070 CDR 7	20101 LO 13	20133 CE 9	20163 CE 11
16917 WLNT 6	20045 LO 8	20071 CE 6	20102 LO 19 17	20134 CE 10	20164 LO 22
16918 WLNT 6	20046 LO 13	20072 CB 7	20103 LO 20	20135 LO 13 10	20165 LO 22
20016 LO 23 21 19 19	20047 LO 12	20074 LO 15	20105 CE 15	20136 HB 6	20166 LO 21
20017 CE 18	20048 LO 13	20075 LO 18	20106 LO 10	20137 CDR 6	20167 LO 18
20018 LO 20	20049 HB 8	20076 LO 15	20107 LO 12	20138 CE 8	20168 LO 24
20021 LO 19	20050 CE 10	20077 LO 17	20108 LO 7	20139 CDR 8	20169 LO 19
20023 PEC 17	20051 LO 11	20078 LO 17	20109 LO 12	20140 HB 9	20170 CE 17
20024 LO 18	20052 LO 12	20079 LO 19	20114 CE 9	20141 PEC 11	20171 LO 19 19
20025 LO 13	20053 LO 10	20080 LO 18	20116 CDR 10	20142 PEC 10	20173 CE 14
20026 LO 8 5	20054 LO 17 16	20081 LO 11	20117 LO 9	20143 CDR 6	

TREE LEGEND

BE –	BOX ELDER	LIG –	LIGUSTRUM
CB –	CHINA BERRY	LO –	LIVE OAK
CDR –	CEDAR	PEC –	PECAN
CE –	CEDAR ELM	WLNT –	WALNUT
HB –	HACKBERRY		

TREE INDEX



CRITICAL ROOT ZONES (TREE CIRCLES) ARE SHOWN USING THE COA FORMULA FOR SINGLE AND MULTI TRUNK TREES.

BENCHMARK NOTE:

B.M. #1 – SQUARE CUT ON B.O.C., NORTH SIDE OF ROLLINGWOOD DR. +/–105 FEET WEST OF WALLIS DR.
ELEV.=628.77'

B.M. #3 – SQUARE CUT ON B.O.C. ON THE WEST SIDE OF WALLIS DR. +/–190 FEET NORTH OF ROLLINGWOOD DR.
ELEV.=631.07'

MANHOLE AND INLET NOTE:

THIS SURVEY SHOWS FIELD MEASURED SIZES AND DEPTHS AS OBSERVED FROM GROUND LEVEL OPENINGS. EXACT MEASUREMENTS AND DEPTHS, PARTICULARLY IN CRITICAL AREAS, SHOULD BE VERIFIED WITH UTILITY RECORD MAPS AND/OR FIELD VERIFICATION PRIOR TO FINAL PLANNING OR CONSTRUCTION.

LEGEND

- ● 1/2" REBAR FOUND
- △ CALCULATED POINT
- ⊙ 3/4" IRON PIPE FOUND
- ▲ NAIL FOUND
- ✳ COTTON SPINDLE FOUND
- BENCHMARK LOCATION
- W WATER METER
- ⊗ WATER VALVE
- FIRE HYDRANT
- S SPRINKLER CONTROL VALVE
- UTILITY POLE
- GUY WIRE
- —OU— OVERHEAD UTILITIES
- LIGHT POLE
- WASTEWATER CLEANOUT
- WWMH WASTEWATER MANHOLE
- SSMH STORMSEWER MANHOLE
- HANDICAP PARKING SPACE
- AC AC PAD
- G GAS UTILITY
- E ELECTRIC UTILITY
- SIGN
- EDGE OF PAVEMENT
- WROUGHT IRON FENCE
- —o— CHAIN LINK FENCE
- PUMP BOX
- PUMP

CURVE TABLE

NO.	DELTA	RADIUS	TAN	ARC	CHORD	BEARING	(RECORD CHORD)
C1	4°35'35"	315.81'	12.67'	25.32'	25.31'	S10°15'58"W	(S11°47'W 25.26')
C2	29°33'56"	122.57'	32.34'	63.25'	62.55'	S02°21'10"E	(S00°43'E 62.57')

PERMIT DOCUMENTS

FLOOD–PLAIN NOTE:

The tract shown hereon lies within Zone "X" (areas determined to be outside 500–year flood–plain), as identified by the Federal Emergency Management Agency, Federal Insurance Administration, as shown on map no. 48453C0445J, dated January 06, 2016, for Travis County, Texas and incorporated areas. If this site is not within an identified special flood hazard area, this flood statement does not imply that the property and/or the structures thereon will be free from flooding or flood damage. This flood statement shall not create liability on the part of the surveyor.

TITLE COMMITMENT NOTE:

This Survey was prepared without the benefit of a Commitment for Title, and may be subject to additional easements or restrictions not shown hereon. No additional easement research was done for the purpose of this survey.

NOTE FROM PREVIOUS SURVEY (9/26/07):

The Travis CAD map 01_0909 (01/04/2006) shows what appears to be additional R.O.W. for Rollingwood Drive and Wallis Drive. There was no monumented evidence in the field of a R.O.W. dedication along the north line of Rollingwood Drive. After researching Travis CAD and the Travis County Clerk records, we were not able to locate any documents reflecting additional street frontage conveyed to the City of Rollingwood. Since no title research was provided by the client, there was not enough data to accurately determine the position of the intersection of the north R.O.W. of Rollingwood Drive and the west R.O.W. of Wallis Drive, so the position is represented on the map by a calculated point for the purposes of this survey.

SURVEYOR'S CERTIFICATE:

CERTIFIED TO:
Julie Martinez
Western Hills Athletic Club

PROPERTY ADDRESS: Rollingwood Drive @ Wallis Drive

DATE OF SURVEY: 09/26/07; Topographic and Tree Survey Udated 09/20/17, Updated 4/27/18

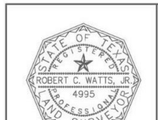
BEARING BASIS: Grid azimuth for Texas Central Zone state plane coordinates, based on GPS solutions from The National Geodetic Survey (NGS) On–line Positioning User Service (OPUS).

ATTACHMENTS: none

I hereby certify that a survey of the property shown hereon was actually made upon the ground under my direction and supervision on the date shown, and that to the best of my professional knowledge and belief: there are no apparent encroachments, overlapping of improvements, discrepancies, shared line conflicts, visible utility lines or roads in place, except as shown hereon, and that this property abuts or adjoins a dedicated road right–of–way or access easement, unless noted hereon.

Robert C. Watts, Jr. Date
Registered Professional Land Surveyor
State of Texas No. 4995

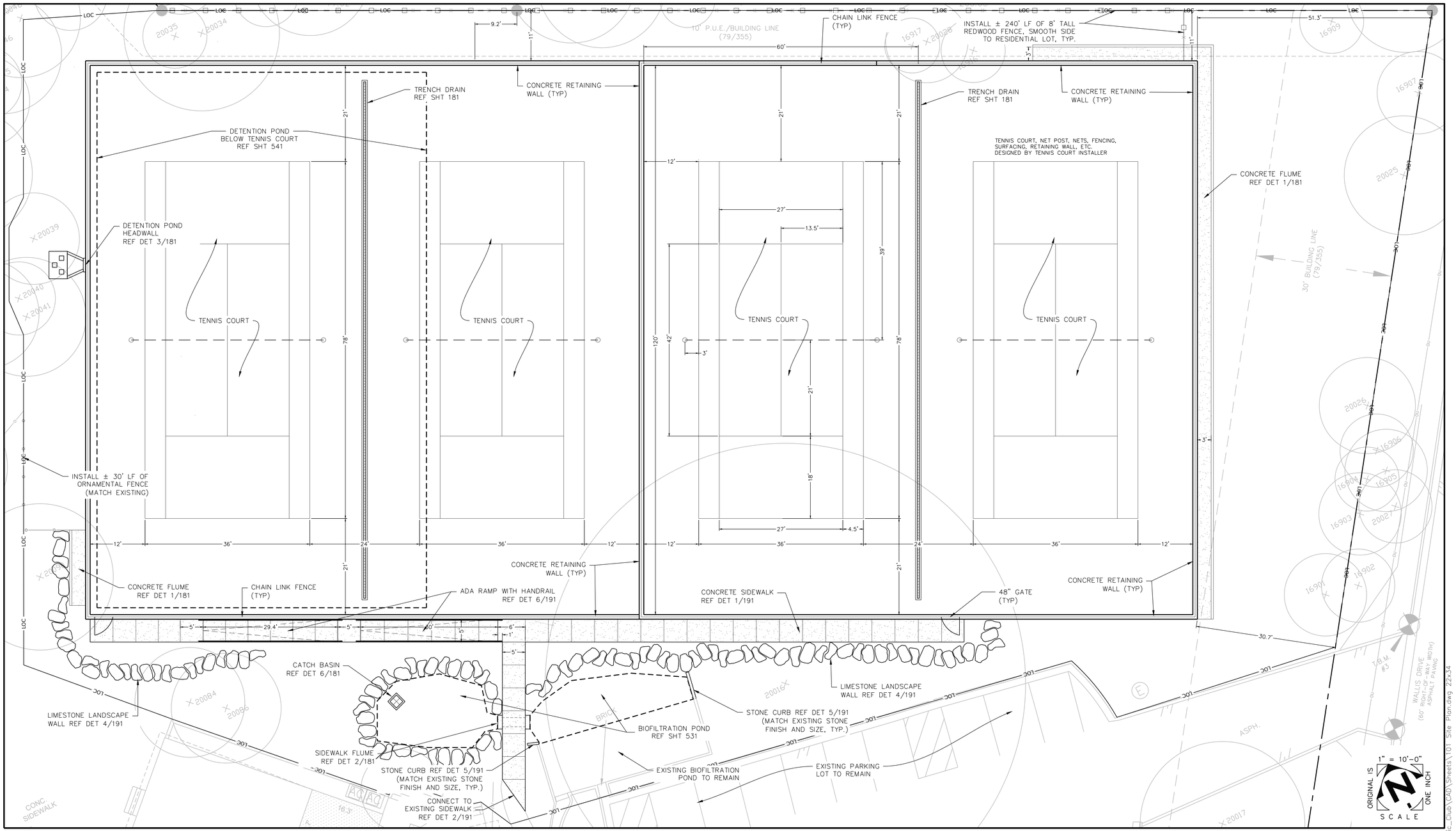
5.10.18



Robert C. Watts, Jr.
R.P.L.S. No. 4995

Chaparral
Professional Land Surveying, Inc.
Surveying and Mapping
3500 McCall Lane
Austin, Texas 78744
512–443–1724
Firm No. 10124500

PROJECT NO.: 585–001
DRAWING NO.: 585–001–BASE
PLOT DATE: 05/10/18
PLOT SCALE: 1"=30'
DRAWN BY: RGH/MAW/EBD
SHEET 01 OF 01



These plans have been reviewed by ATS Engineers, Inspectors and Surveyors for code compliance and adopted jurisdictional ordinances. This stamp of review in no way alleviates the responsibility of the owner or contractor to comply with all codes, ordinances, State and Federal laws. Copy of plans bearing this stamp shall be available on the jobsite at all times.

REGISTERED LANDSCAPE ARCHITECT
DAVID J. CAZARES
1871
STATE OF TEXAS
07/07/2020

mwm DesignGroup
305 East Huntland Drive
Suite 200
Austin, Texas 78752
p: 512.453.0767
f: 512.453.1734

TBAE FIRM REGISTRATION NO.: 1452
TBPE FIRM REGISTRATION NO.: F-1416
TBPLS FIRM REGISTRATION NO.: 10065600

NO.	DATE	DESCRIPTION	BY

0 1"
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SITE PLAN

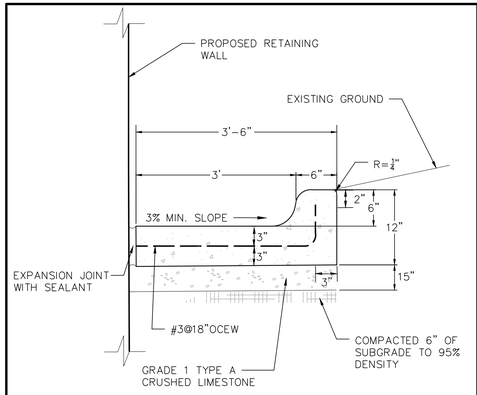
Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

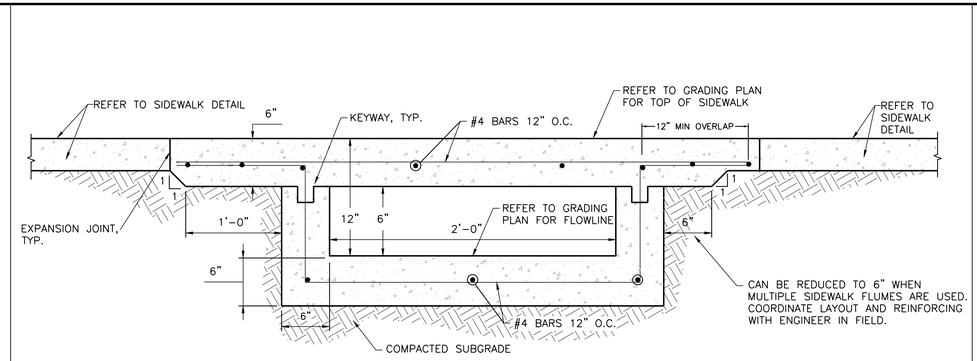
101

4 OF 26

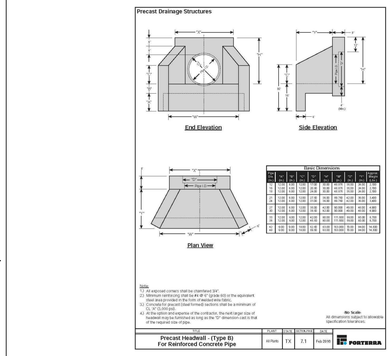
Files: Y:\863-01_WH_Athletic_Club\CAD\Sheets\101 Site Plan.dwg 22x34



1 181 **CONCRETE FLUME**
SCALE: NTS



2 181 **SIDEWALK FLUME**
SCALE: NTS



3 181 **HEAD WALL**
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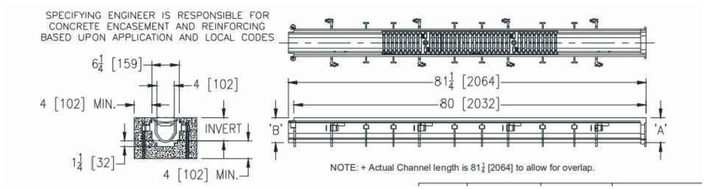
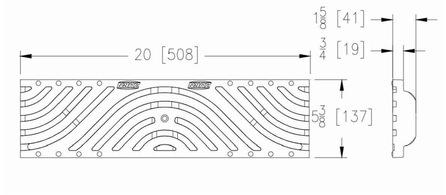
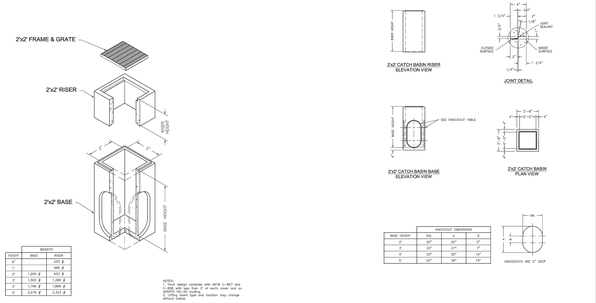


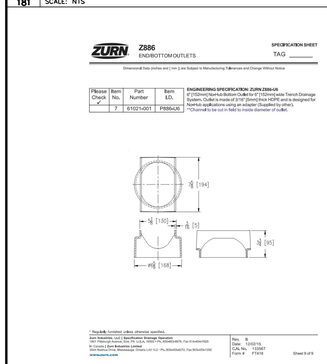
4 181 **TRENCH DRAIN**
SCALE: NTS



5 181 **DRAINAGE COVER**
SCALE: NTS



6 181 **2'x2' CATCH BASIN**
SCALE: NTS



7 181 **U6-BOTTOM OUTLET**
SCALE: NTS

PERMIT DOCUMENTS

07/07/2020

STATE OF TEXAS
MATTHEW A. RECTOR SR.
122861
LICENSED
PROFESSIONAL ENGINEER

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TBAE FIRM REGISTRATION NO.: 1452
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NO.	DATE	DESCRIPTION	BY

0 1"
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SITE DETAILS

Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

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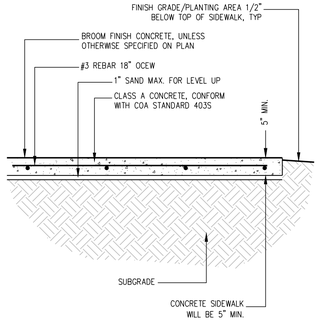
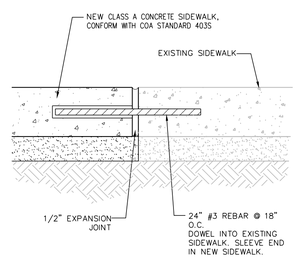
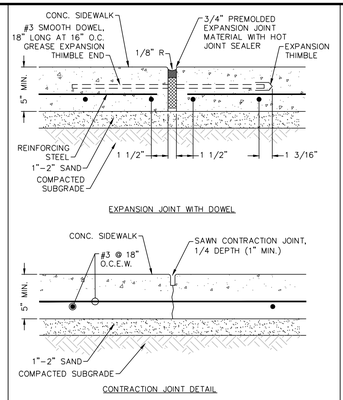
File: Y:\863-01_WH_Athletic_Club\CAD\Sheets\181 Site Details.dwg 22x34



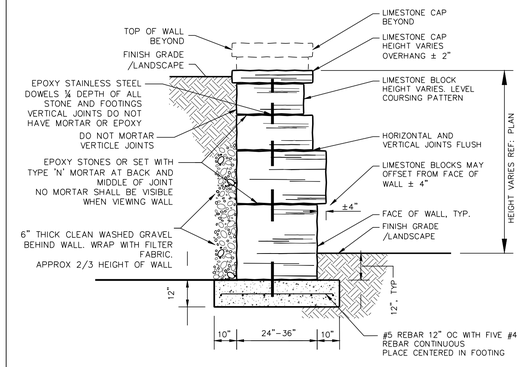
1 191 CONCRETE SIDEWALK
SCALE: NTS



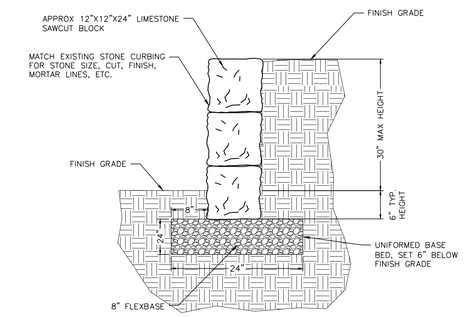
2 191 NEW SIDEWALK CONNECTION AT EXISTING SIDEWALK
SCALE: NTS



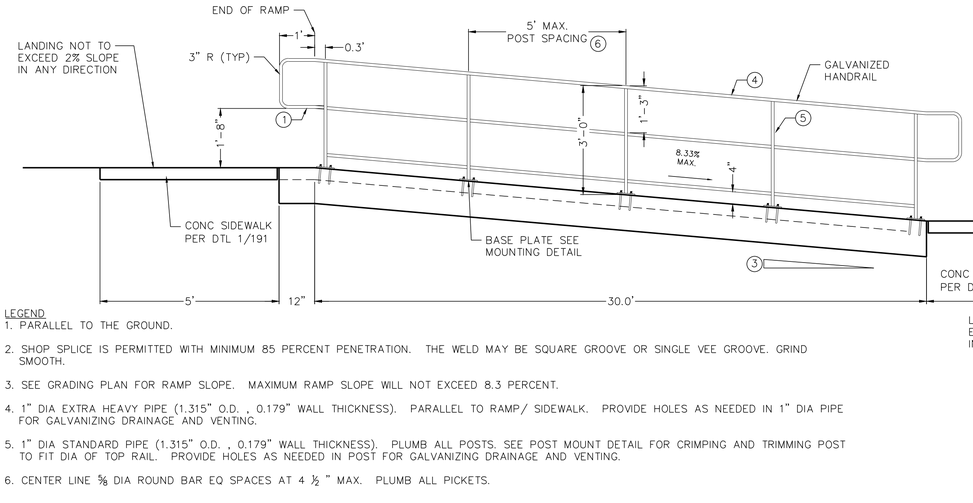
3 191 SIDEWALK JOINT
SCALE: NTS

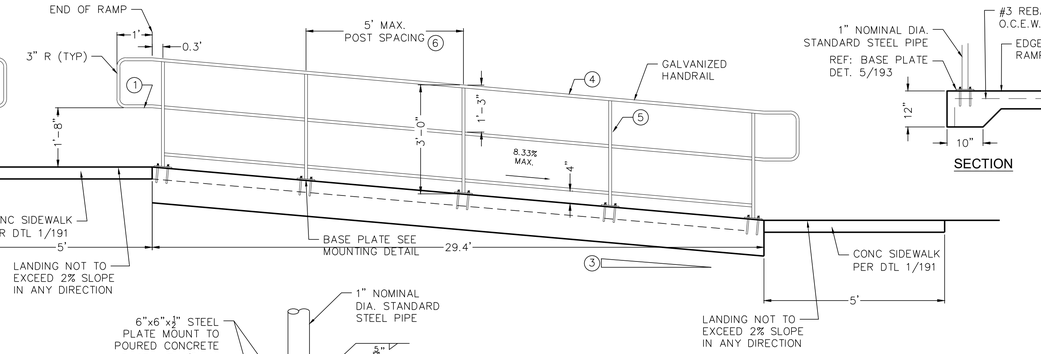


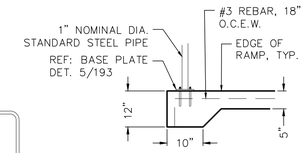
4 191 LIMESTONE LANDSCAPE WALL
SCALE: NTS



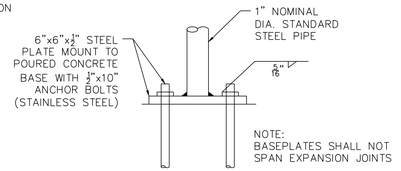
5 191 MORTARED STONE WALL
SCALE: NTS







SECTION



BASE PLATE DETAIL

LEGEND

1. PARALLEL TO THE GROUND.
2. SHOP SPLICE IS PERMITTED WITH MINIMUM 85 PERCENT PENETRATION. THE WELD MAY BE SQUARE GROOVE OR SINGLE VEE GROOVE. GRIND SMOOTH.
3. SEE GRADING PLAN FOR RAMP SLOPE. MAXIMUM RAMP SLOPE WILL NOT EXCEED 8.3 PERCENT.
4. 1" DIA EXTRA HEAVY PIPE (1.315" O.D. , 0.179" WALL THICKNESS). PARALLEL TO RAMP/ SIDEWALK. PROVIDE HOLES AS NEEDED IN 1" DIA PIPE FOR GALVANIZING DRAINAGE AND VENTING.
5. 1" DIA STANDARD PIPE (1.315" O.D. , 0.179" WALL THICKNESS). PLUMB ALL POSTS. SEE POST MOUNT DETAIL FOR CRIMPING AND TRIMMING POST TO FIT DIA OF TOP RAIL. PROVIDE HOLES AS NEEDED IN POST FOR GALVANIZING DRAINAGE AND VENTING.
6. CENTER LINE ⅝ DIA ROUND BAR EQ SPACES AT 4 ½ " MAX. PLUMB ALL PICKETS.

6 191 ADA RAMP WITH HANDRAIL
SCALE: NTS

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DAVID J. CAZARES
1871
STATE OF TEXAS
07/07/2020

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SITE DETAILS

Western Hills Athletic Club
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PLOTTED: 7/7/2020
JOB NO: 863-01

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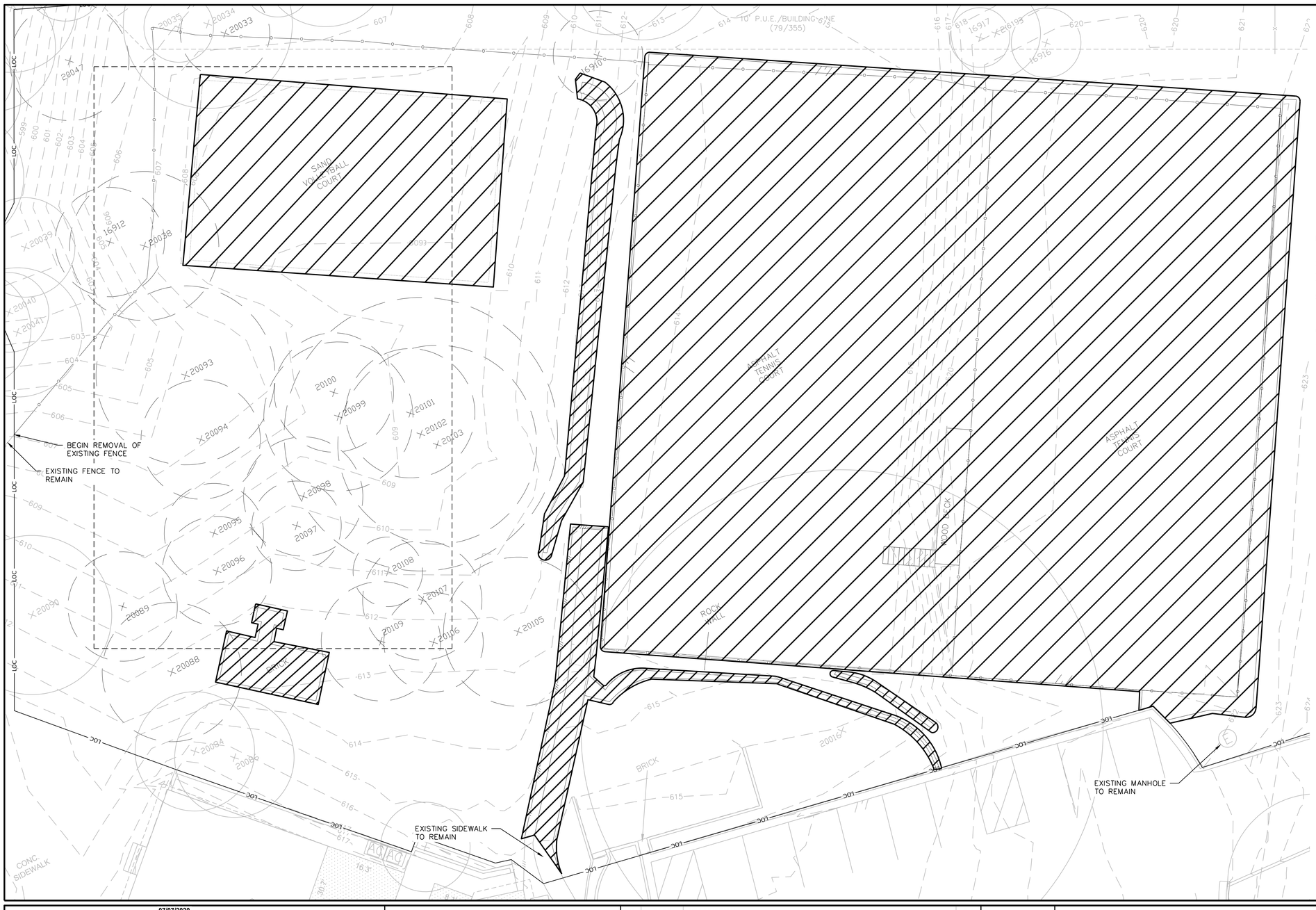
6 OF 26

File: Y:\863-01_WH_Athletic_Club\CAD\Sheets\191 Site Details.dwg 22x34



1" = 10'-0"
ORIGINAL IS ONE INCH
SCALE

DEMO LEGEND

EXIST. IMPROVEMENTS (TO BE REMOVED)

EXISTING FENCE (TO BE REMOVED)

EXIST. TREE (TO BE REMOVED)

NOTES:
1. CONTRACTOR TO VERIFY CLEARANCE OF OVERHEAD LINES. MINIMUM MUST BE 14 FEET. IF NOT, CONTRACTOR TO CONTACT UTILITY TO HAVE RAISED.
2. DEMOLITION WASTE – COORDINATE WITH AMANDA HOWE, 512-327-6373.
3. SALVAGE – COORDINATE WITH AMANDA HOWE, 512-327-6373.
4. ALL TREES WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE PROTECTED UNLESS OTHERWISE NOTED.
5. ALL SIDEWALKS, CURBS, DRIVEWAYS, UTILITY APPURTENANCES, ETC. SHALL BE PROTECTED FROM DAMAGE OR RESTORED TO ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE UNLESS SPECIFICALLY INDICATED TO BE REMOVED.
6. CONTRACTOR IS RESPONSIBLE FOR SECURITY OF SITE DURING CONSTRUCTION.
7. KNOWN EXISTING UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND DEPICTED USING RECORD DOCUMENTS. CONTRACTOR TO VERIFY LOCATION IN FIELD BEFORE STARTING CONSTRUCTION.

PERMIT DOCUMENTS

TREE REMOVAL LIST

TREE TAG	TREE TYPE	SIZE (INCHES)	REASON FOR REMOVAL/MITIGATION
16910	Chinaberry	9.00	Invasive
16912	Ligustrum	11.00	Invasive
20033	Chinaberry	9.00	Invasive
20038	Chinaberry	15.00	Invasive
20047	Live Oak	12.00	Construction
20088	Live Oak	14.00	Construction
20089	Live Oak	11.00	Construction
20093	Live Oak	18.00	Construction
20094	Live Oak	12.00	Construction
20095	Live Oak	10.00	Construction
20096	Live Oak	11.00	Construction
20097	Live Oak	9.00	Construction
20098	Live Oak	12.00	Construction
20099	Live Oak	15.00	Construction
20100	Live Oak	12.00	Construction
20101	Live Oak	13.00	Construction
20102	Live Oak	27.50	Construction
20103	Live Oak	20.00	Construction
20105	Cedar Elm	15.00	Construction
20106	Live Oak	10.00	Construction
20107	Live Oak	12.00	Construction
20108	Live Oak	7.00	Construction
20109	Live Oak	12.00	Construction
	TOTAL INCHES REMOVED	**296.50**	

07/07/2020
STATE OF TEXAS
MATTHEW A. RECTOR SR.
122861
LICENSED
PROFESSIONAL ENGINEER

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DEMOLITION PLAN

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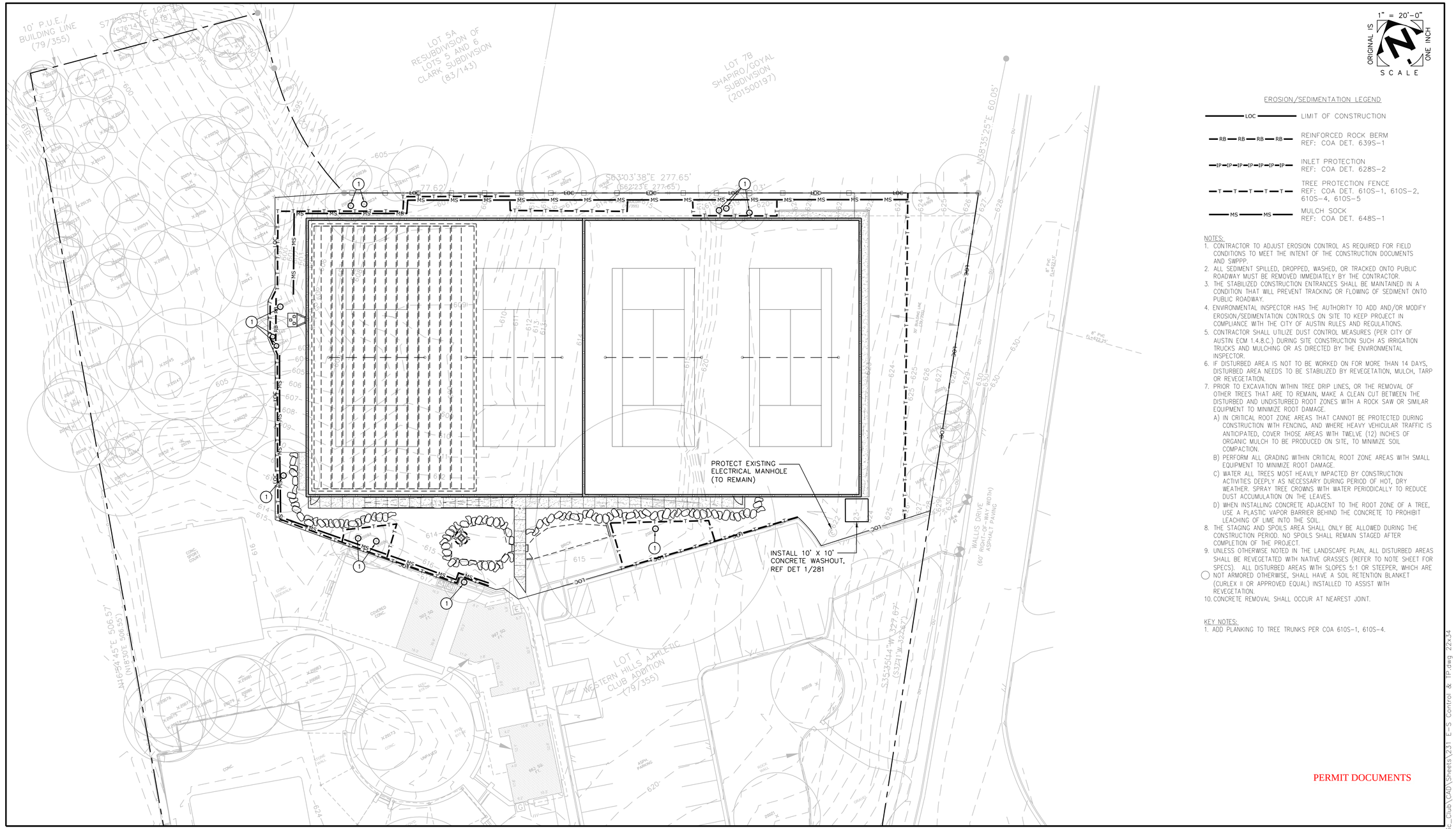
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

201

7 OF 26

Files: Y:\863-01_WH_Athletic_Club\CAD\Sheets\201 Demo Plan.dwg 22x34



1" = 20'-0"

ORIGINAL IS ONE INCH

SCALE

EROSION/SEDIMENTATION LEGEND

- LOC — LIMIT OF CONSTRUCTION
- RB — REINFORCED ROCK BERM REF: COA DET. 639S-1
- IP — INLET PROTECTION REF: COA DET. 628S-2
- T — TREE PROTECTION FENCE REF: COA DET. 610S-1, 610S-2, 610S-4, 610S-5
- MS — MULCH SOCK REF: COA DET. 648S-1

NOTES:

1. CONTRACTOR TO ADJUST EROSION CONTROL AS REQUIRED FOR FIELD CONDITIONS TO MEET THE INTENT OF THE CONSTRUCTION DOCUMENTS AND SWPPP.
2. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC ROADWAY MUST BE REMOVED IMMEDIATELY BY THE CONTRACTOR.
3. THE STABILIZED CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC ROADWAY.
4. ENVIRONMENTAL INSPECTOR HAS THE AUTHORITY TO ADD AND/OR MODIFY EROSION/SEDIMENTATION CONTROLS ON SITE TO KEEP PROJECT IN COMPLIANCE WITH THE CITY OF AUSTIN RULES AND REGULATIONS.
5. CONTRACTOR SHALL UTILIZE DUST CONTROL MEASURES (PER CITY OF AUSTIN ECM 1.4.8.C.) DURING SITE CONSTRUCTION SUCH AS IRRIGATION TRUCKS AND MULCHING OR AS DIRECTED BY THE ENVIRONMENTAL INSPECTOR.
6. IF DISTURBED AREA IS NOT TO BE WORKED ON FOR MORE THAN 14 DAYS, DISTURBED AREA NEEDS TO BE STABILIZED BY REVEGETATION, MULCH, TARP OR REVEGETATION.
7. PRIOR TO EXCAVATION WITHIN TREE DRIP LINES, OR THE REMOVAL OF OTHER TREES THAT ARE TO REMAIN, MAKE A CLEAN CUT BETWEEN THE DISTURBED AND UNDISTURBED ROOT ZONES WITH A ROCK SAW OR SIMILAR EQUIPMENT TO MINIMIZE ROOT DAMAGE.
   A) IN CRITICAL ROOT ZONE AREAS THAT CANNOT BE PROTECTED DURING CONSTRUCTION WITH FENCING, AND WHERE HEAVY VEHICULAR TRAFFIC IS ANTICIPATED, COVER THOSE AREAS WITH TWELVE (12) INCHES OF ORGANIC MULCH TO BE PRODUCED ON SITE, TO MINIMIZE SOIL COMPACTION.
   B) PERFORM ALL GRADING WITHIN CRITICAL ROOT ZONE AREAS WITH SMALL EQUIPMENT TO MINIMIZE ROOT DAMAGE.
   C) WATER ALL TREES MOST HEAVILY IMPACTED BY CONSTRUCTION ACTIVITIES DEEPLY AS NECESSARY DURING PERIOD OF HOT, DRY WEATHER. SPRAY TREE CROWNS WITH WATER PERIODICALLY TO REDUCE DUST ACCUMULATION ON THE LEAVES.
   D) WHEN INSTALLING CONCRETE ADJACENT TO THE ROOT ZONE OF A TREE, USE A PLASTIC VAPOR BARRIER BEHIND THE CONCRETE TO PROHIBIT LEACHING OF LIME INTO THE SOIL.
8. THE STAGING AND SPOILS AREA SHALL ONLY BE ALLOWED DURING THE CONSTRUCTION PERIOD. NO SPOILS SHALL REMAIN STAGED AFTER COMPLETION OF THE PROJECT.
9. UNLESS OTHERWISE NOTED IN THE LANDSCAPE PLAN, ALL DISTURBED AREAS SHALL BE REVEGETATED WITH NATIVE GRASSES (REFER TO NOTE SHEET FOR SPECS). ALL DISTURBED AREAS WITH SLOPES 5:1 OR STEEPER, WHICH ARE NOT ARMORED OTHERWISE, SHALL HAVE A SOIL RETENTION BLANKET (CURLEX II OR APPROVED EQUAL) INSTALLED TO ASSIST WITH REVEGETATION.
10. CONCRETE REMOVAL SHALL OCCUR AT NEAREST JOINT.

KEY NOTES:

1. ADD PLANKING TO TREE TRUNKS PER COA 610S-1, 610S-4.

PERMIT DOCUMENTS

07/07/2020

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TBPE FIRM REGISTRATION NO.: F-1416
TBPLS FIRM REGISTRATION NO.: 10065600

NO.	DATE	DESCRIPTION	BY

0 1"

The bar above measures one inch on the original drawing. Adjust scales accordingly.

EROSION/SEDIMENTATION CONTROL & TREE PROTECTION PLAN

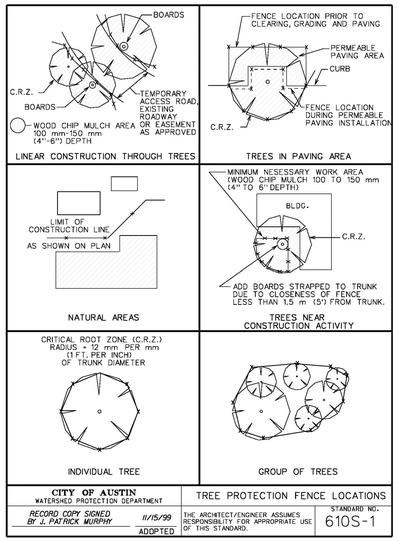
Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

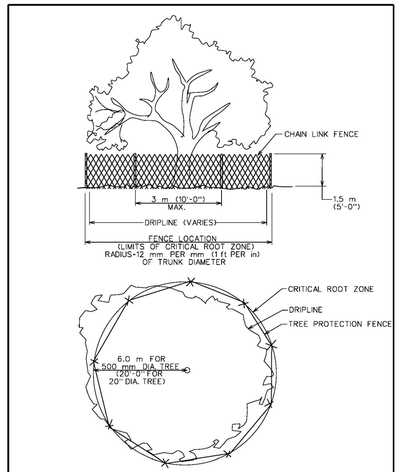
231

8 OF 26

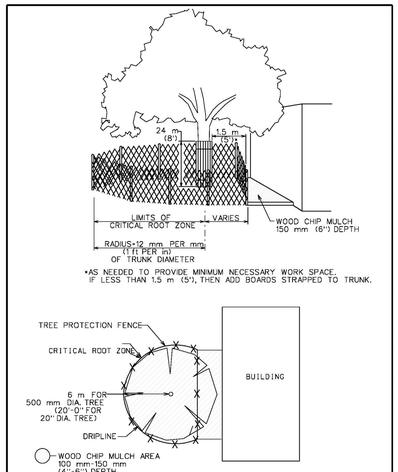
File: Y:\863-01_WH_Athletic_Club\CAD\Sheets\231 E-S Control & TP.dwg 22x34



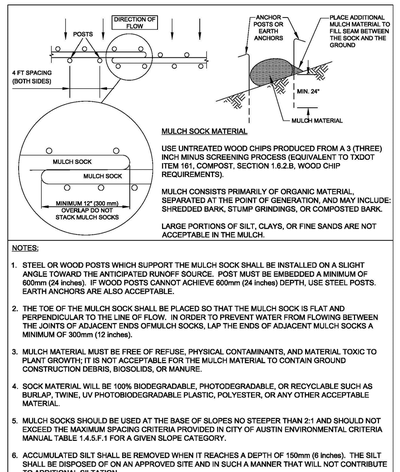
CITY OF AUSTIN WATERSHED PROTECTION DEPARTMENT		TREE PROTECTION FENCE LOCATIONS	
RECORD COPY SIGNED BY J. PATRICK MURPHY	11/15/99 ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. 610S-1



CITY OF AUSTIN WATERSHED PROTECTION DEPARTMENT		TREE PROPTECTION FENCE TYPE A - CHAIN LINK	
RECORD COPY SIGNED BY J. PATRICK MURPHY	11/15/99 ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. 610S-2



CITY OF AUSTIN WATERSHED PROTECTION DEPARTMENT		TREE PROTECTION FENCE MODIFIED TYPE A - CHAIN LINK	
RECORD COPY SIGNED BY J. PATRICK MURPHY	11/15/99 ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. 610S-4



MULCH SOCK MATERIAL

USE UNTREATED WOOD CHIPS PRODUCED FROM A 3 (THREE) INCH MINUS SCREENING PROCESS (EQUIVALENT TO TXDOT ITEM 161, COMPOST, SECTION 1.6.2.B, WOOD CHIP REQUIREMENTS).

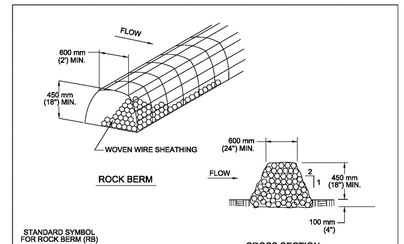
MULCH CONSISTS PRIMARILY OF ORGANIC MATERIAL, SEPARATED AT THE POINT OF GENERATION, AND MAY INCLUDE: SHREDDED BARK, STUMP GRINDINGS, OR COMPOSTED BARK.

LARGE PORTIONS OF SILT, CLAYS, OR FINE SANDS ARE NOT ACCEPTABLE IN THE MULCH.

NOTES:

1. STEEL OR WOOD POSTS WHICH SUPPORT THE MULCH SOCK SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. POST MUST BE EMBEDDED A MINIMUM OF 600mm (24 inches). IF WOOD POSTS CANNOT ACHIEVE 600mm (24 inches) DEPTH, USE STEEL POSTS. EARTH ANCHORS ARE ALSO ACCEPTABLE.
2. THE TOE OF THE MULCH SOCK SHALL BE PLACED SO THAT THE MULCH SOCK IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW. IN ORDER TO PREVENT WATER FROM FLOWING BETWEEN THE JOINTS OF ADJACENT ENDS OFMULCH SOCKS, LAP THE ENDS OF ADJACENT MULCH SOCKS A MINIMUM OF 300mm (12 inches).
3. MULCH MATERIAL MUST BE FREE OF REFUSE, PHYSICAL CONTAMINANTS, AND MATERIAL TOXIC TO PLANT GROWTH; IT IS NOT ACCEPTABLE FOR THE MULCH MATERIAL TO CONTAIN GROUND CONSTRUCTION DEBRIS, BIOSOLIDS, OR MANURE.
4. SOCK MATERIAL WILL BE 100% BIODEGRADABLE, PHOTODEGRADABLE, OR RECYCLABLE SUCH AS BURLAP, TWINE, UV PHOTOBIODEGRADABLE PLASTIC, POLYESTER, OR ANY OTHER ACCEPTABLE MATERIAL.
5. MULCH SOCKS SHOULD BE USED AT THE BASE OF SLOPES NO STEEPER THAN 2:1 AND SHOULD NOT EXCEED THE MAXIMUM SPACING CRITERIA PROVIDED IN CITY OF AUSTIN ENVIRONMENTAL CRITERIA MANUAL TABLE 1.4.5.F.1 FOR A GIVEN SLOPE CATEGORY.
6. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 150mm (6 inches). THE SILT SHALL BE DISPOSED OF ON AN APPROVED SITE AND IN SUCH A MANNER THAT WILL NOT CONTRIBUTE TO ADDITIONAL SILTATION.

CITY OF AUSTIN WATERSHED PROTECTION DEPARTMENT		MULCH SOCK	
RECORD COPY SIGNED BY MORGAN BYARS	08/24/2010 ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. 648S-1



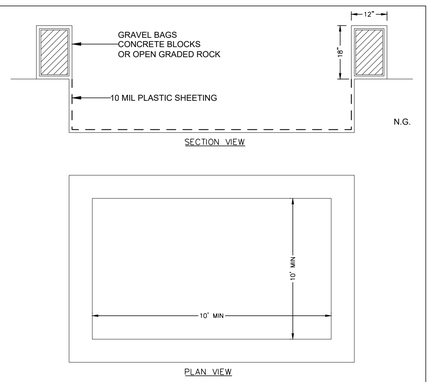
STANDARD SYMBOL FOR ROCK BERM (RB)

RB

NOTES:

1. USE ONLY OPEN GRADED ROCK 75 to 125 mm (3 to 5") DIAMETER FOR ALL CONDITIONS.
2. THE ROCK BERM SHALL BE SECURED WITH A WOVEN WIRE SHEATHING HAVING MAXIMUM 25 mm (1") OPENING AND MINIMUM WIRE DIAMETER OF 12.9 mm (20 GAUGE).
3. THE ROCK BERM SHALL BE INSPECTED DAILY OR AFTER EACH RAIN, AND THE STONE AND/OR FABRIC CORE-WOVEN SHEATHING SHALL BE REPLACED WHEN THE STRUCTURE CEASES TO FUNCTION AS INTENDED, DUE TO SEDIMENT ACCUMULATION AMONG THE ROCKS, WASHOUT, CONSTRUCTION TRAFFIC DAMAGE, ETC.
4. IF SEDIMENT REACHES A DEPTH EQUAL TO ONE-THIRD THE HEIGHT OF THE BERM OR 150 mm (6"), WHICHEVER IS LESS, THE SEDIMENT SHALL BE REMOVED AND DISPOSED OF ON AN APPROVED SITE AND IN A MANNER THAT WILL NOT CREATE A SEDIMENTION PROBLEM.
5. WHEN THE SITE IS COMPLETELY STABILIZED,THE BERM AND ACCUMULATED SEDIMENT SHALL BE REMOVED AND DISPOSED OF IN AN APPROVED MANNER.

CITY OF AUSTIN WATERSHED PROTECTION DEPARTMENT		ROCK BERM	
RECORD COPY SIGNED BY MORGAN BYARS	8/24/2010 ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. 639S-1



1. THE EXCAVATION FOR THE CONCRETE TRUCK WASHOUT SHALL BE A MINIMUM OF 10 FEET WIDE AND OF SUFFICIENT LENGTH AND DEPTH TO ACCOMMODATE 7 GALLONS OF WASHOUT WATER AND CONCRETE PER TRUCK PER DAY AND/OR 50 GALLONS OF WASHOUT WATER AND CONCRETE PER PUMP TRUCK PER DAY.
2. IN THE EVENT THAT THE CONCRETE TRUCK WASHOUT IS CONSTRUCTED ABOVE GROUND, IT SHALL BE 10 FEET WIDE AND 10 FEET LONG WITH THE SAME REQUIREMENTS FOR CONTAINMENT AS DESCRIBED IN ITEM 1.
3. THE CONTAINMENT AREA SHALL BE LINED WITH 10 MIL PLASTIC SHEETING WITHOUT HOLES OR TEARS. WHERE THERE ARE SEAMS, THESE SHALL BE SECURED ACCORDING TO MANUFACTURERS DIRECTIONS.
4. THE BERM CONSISTING OF GRAVEL BAGS, CONCRETE BLOCKS OR OPEN GRADED ROCK SHALL BE NO LESS THAN 18 INCHES HIGH AND NO LESS THAN 12 INCHES WIDE.
5. THE PLASTIC SHEETING SHALL BE OF SUFFICIENT SIZE SO THAT IT WILL OVERLAP THE TOP OF THE CONTAINMENT AREA AND BE WRAPPED AROUND THE GRAVEL BAGS, CONCRETE BLOCKS OR OPEN GRADED ROCK AT LEAST 2 TIMES.
6. THE GRAVEL BAGS OR CONCRETE BLOCKS SHALL BE PLACED ABUTTING EACH OTHER TO FORM A CONTINUOUS BERM AROUND THE OUTER PERIMETER OF THE CONTAINMENT AREA.
7. THE WASHOUT MATERIAL IN TEH CONTAINMENT AREA SHALL NOT EXCEED 50% OF CAPACITY AT ANY ONE TIME.
8. SOLIDS SHALL BE REMOVED FROM CONTAINMENT AREA AND DISPOSED OF PROPERLY. ANY DAMAGE TO THE PLASTIC SHEETING SHALL BE REPAIRED OR SHEETING REPLACED BEFORE THE NEXT USE.

1	10' x 10' CONCRETE WASHOUT
281	SCALE: NTS

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07/07/2020

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TBAE FIRM REGISTRATION NO.: 1452
TBPE FIRM REGISTRATION NO.: F-1416
TBPLS FIRM REGISTRATION NO.: 10065600

NO.	DATE	DESCRIPTION	BY

0 1"

The bar above measures one inch on the original drawing. Adjust scales accordingly.

EROSION / SEDIMENTATION CONTROL & TREE PROTECTION DETAILS

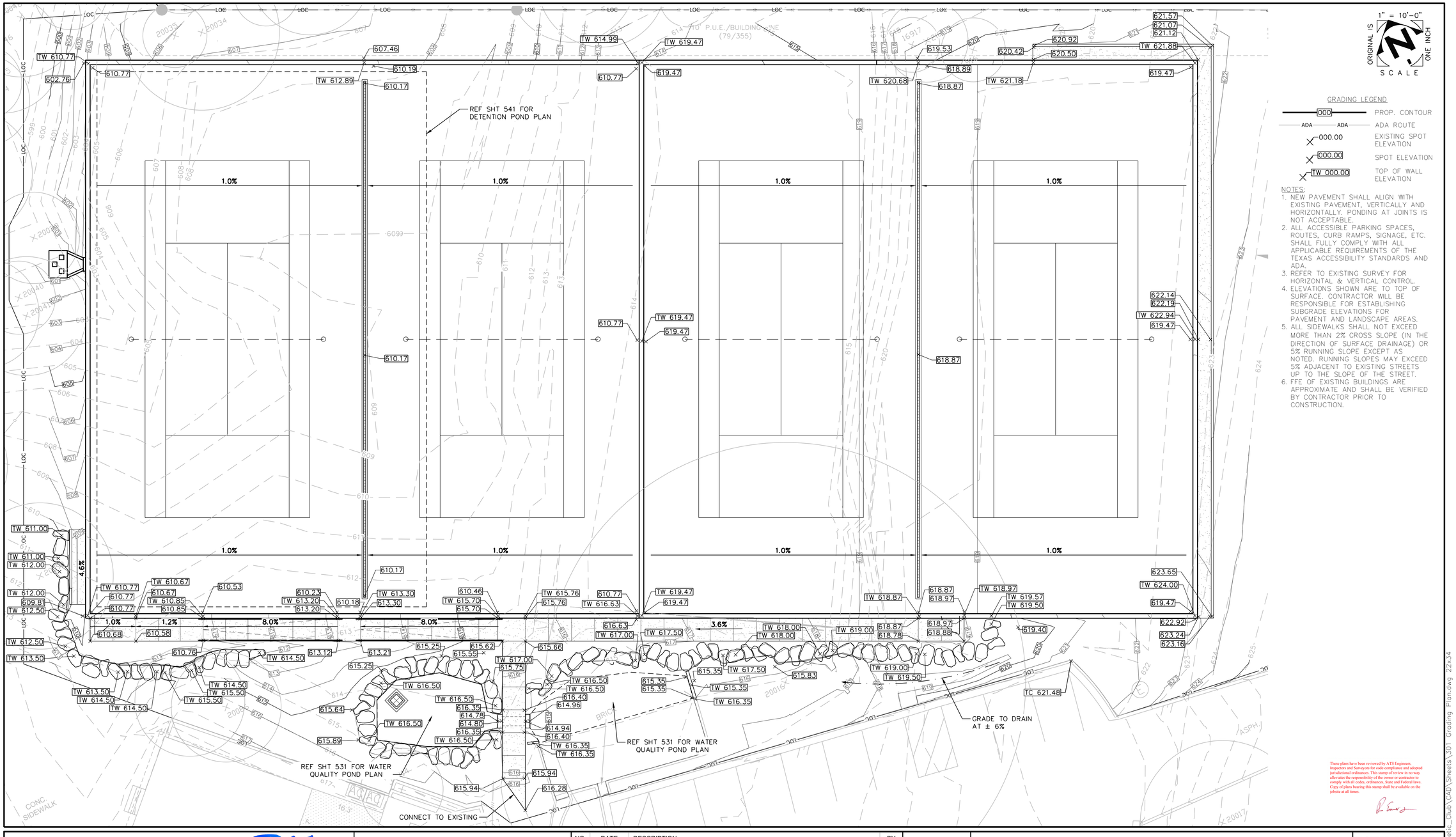
Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

281

9 OF 26

Files: Y:\0863-01_WH_Athletic_Club\CAD\Sheets\v281 E-S & TP Details.dwg 22x34



1" = 10'-0"
ORIGINAL IS ONE INCH
SCALE

GRADING LEGEND

- 000 — PROP. CONTOUR
- ADA ADA — ADA ROUTE
- 000.00 — EXISTING SPOT ELEVATION
- 000.00 — SPOT ELEVATION
- TW 000.00 — TOP OF WALL ELEVATION

NOTES:
1. NEW PAVEMENT SHALL ALIGN WITH EXISTING PAVEMENT, VERTICALLY AND HORIZONTALLY. PONDING AT JOINTS IS NOT ACCEPTABLE.
2. ALL ACCESSIBLE PARKING SPACES, ROUTES, CURB RAMPS, SIGNAGE, ETC. SHALL FULLY COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE TEXAS ACCESSIBILITY STANDARDS AND ADA.
3. REFER TO EXISTING SURVEY FOR HORIZONTAL & VERTICAL CONTROL.
4. ELEVATIONS SHOWN ARE TO TOP OF SURFACE. CONTRACTOR WILL BE RESPONSIBLE FOR ESTABLISHING SUBGRADE ELEVATIONS FOR PAVEMENT AND LANDSCAPE AREAS.
5. ALL SIDEWALKS SHALL NOT EXCEED MORE THAN 2% CROSS SLOPE (IN THE DIRECTION OF SURFACE DRAINAGE) OR 5% RUNNING SLOPE EXCEPT AS NOTED. RUNNING SLOPES MAY EXCEED 5% ADJACENT TO EXISTING STREETS UP TO THE SLOPE OF THE STREET.
6. FFE OF EXISTING BUILDINGS ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.

These plans have been reviewed by ATS Engineers, Inspectors and Surveyors for code compliance and adopted jurisdictional ordinances. This stamp of review in no way alleviates the responsibility of the owner or contractor to comply with all codes, ordinances, State and Federal laws. Copy of plans bearing this stamp shall be available on the jobsite at all times.

REGISTERED LANDSCAPE ARCHITECT
DAVID J. CAZARES
1871
STATE OF TEXAS
07/07/2020

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GRADING PLAN

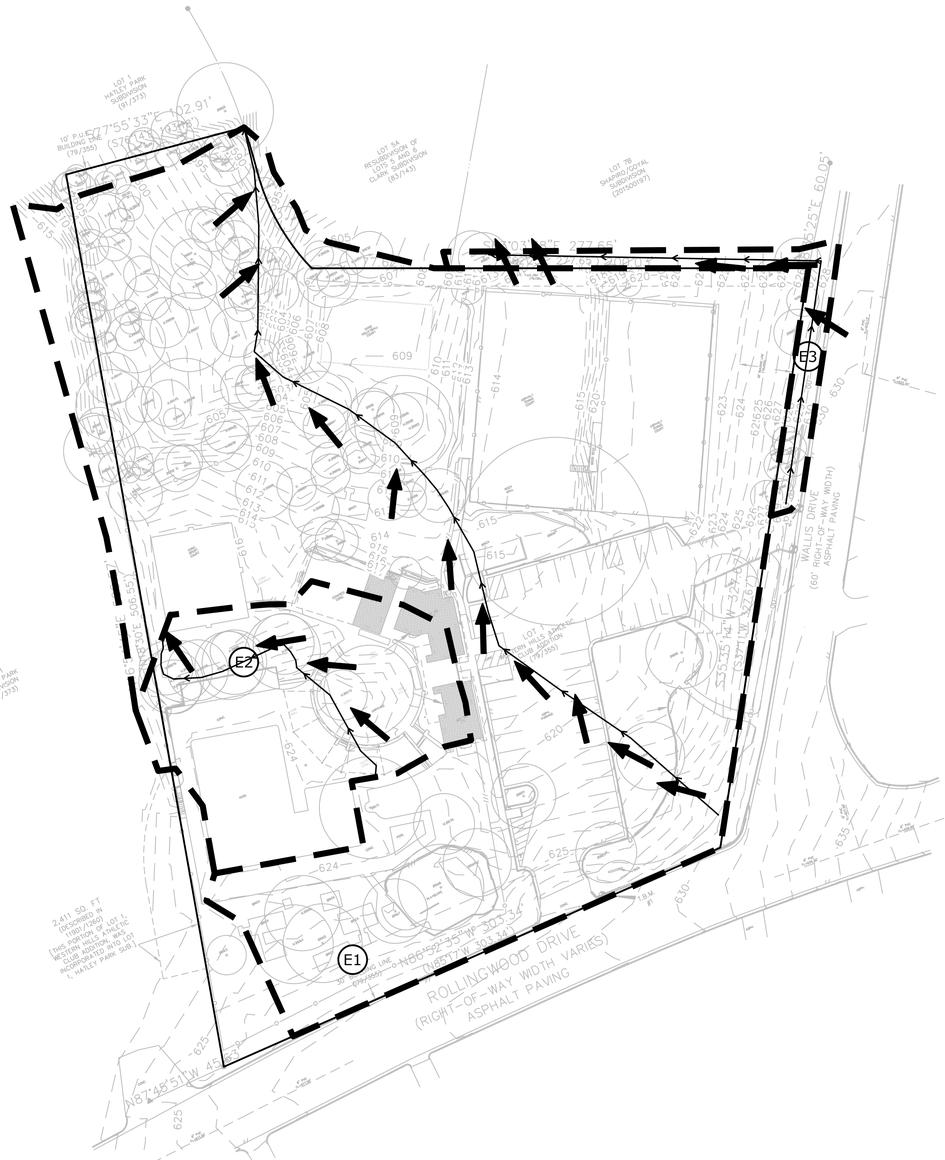
Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

301

10 OF 26

Files: Y:\863-01_WH_Athletic_Club\CAD\Sheets\301 Grading Plan.dwg 22x34



1" = 10'-0"
ORIGINAL IS ONE INCH
SCALE

DRAINAGE AREA MAP LEGEND

- DRAINAGE AREA BOUNDARY
- TIME OF CONCENTRATION PATH
- E1 DRAINAGE AREA DESIGNATION
- FLOW PATTERNS

PERMIT DOCUMENTS

07/07/2020

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TBPLS FIRM REGISTRATION NO.: 10065600

NO.	DATE	DESCRIPTION	BY

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EXISTING DRAINAGE AREA MAP

Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

501

11 OF 26

File: Y:_863-01_WHL_Athletic_Club\CAD\Sheets\501 Existing DAM.dwg 22x34

COVER TYPE	HYDROLOGIC CONDITION	CURVE NUMBERS FOR HYDROLOGIC SOIL GROUP				DRAINAGE AREA			COMPOSITE CURVE NUMBER		
		A	B	C	D	1	2	3	1	2	3
Fully developed urban areas (vegetation established)									0	0	0
Open space (lawns, parks, golf courses, cemeteries, etc.)									0	0	0
Poor condition (grass cover 50%)		68	79	86	89				0	0	0
Fair condition (grass cover 50% to 75%)		49	69	79	84				0	0	0
Good condition (grass cover 75%)		39	61	74	80	70853.43	11579.51	4361.65	5668274.4	926360.8	348932
Impervious areas:									0	0	0
Paved parking lots, roofs, driveways, etc. (excluding right of way)		98	98	98	98	44958.42	8107.42	0.00	4405925.16	794527.16	0
Streets and roads:									0	0	0
Paved; curbs and storm drains (excluding right of way)		98	98	98	98				0	0	0
Paved; open ditches (including right of way)		83	89	92	93				0	0	0
Gravel (including right of way)		76	85	89	91				0	0	0
Dirt (including right of way)		72	82	87	89				0	0	0
Developing urban area									0	0	0
Newly graded areas (pervious areas only, no vegetation)		77	86	91	94				0	0	0
Agricultural lands									0	0	0
Grassland, or range-continuous forage for grazing	Poor	68	79	86	89				0	0	0
	Fair	49	69	79	84				0	0	0
	Good	39	61	74	80				0	0	0
Meadow-continuous grass, protected from grazing and generally mowed for hay		30	58	71	78				0	0	0
Brush - brush-weed-grass mixture with brush the major element	Poor	48	67	77	83				0	0	0
	Fair	35	56	70	77				0	0	0
	Good	30	48	65	73				0	0	0
Woods - grass combination (orchard or tree farm)	Poor	57	73	82	86				0	0	0
	Fair	43	65	76	79				0	0	0
	Good	32	58	72	79				0	0	0
Woods - grass combination (orchard or tree farm)	Poor	45	66	77	83				0	0	0
	Fair	36	60	73	79				0	0	0
	Good	30	55	70	77				0	0	0
Farmstead - buildings, lanes, driveways and surrounding lots		59	74	82	86				0	0	0
											0
					SF	115811.85	19686.93	4361.65	87	87	80
					AC	2.66	0.45	0.10			
					SM	0.004154171	0.00070617	0.000156452			
					% Imp	39%	41%	0%			

E1

Sheet Flow	Start Station	0.00	ft
	End Station	85.00	ft
	Length (L)	85	ft
	Manning's n	0.15	
	2-year 24-hour rain	3.44	inches
	Start Elev	629.88	ft
	End Elev	620.21	ft
	Slope (S)	0.114	ft/ft
	T_t	4	minutes
Shallow Concentrated Flow	Start Station	85.00	ft
	End Station	505.00	ft
	Length	420	ft
	Start Elev	620.21	ft
	End Elev	586.05	ft
	Slope (S)	0.081	ft/ft
	Surface	UnPaved	
	T_t	2	minutes
Channel or Storm Drain Flow	Cross Sectional Area (A)	0.25	sf
	Wetted Perimeter (P)	2.00	ft
	Hydraulic Radius (r)	0.125	ft
	Start Elev	586.05	ft
	End Elev	586.05	ft
	Slope (S)	0.00	ft/ft
	Manning's n	0.013	
	Velocity (V)	0.00	fps
	Start Station		ft
	End Station		ft
	Length (L)	0.00	ft
	T_t	0.00	minutes

Time of Concentration	6	0.09534
Lag Time	3	

E2

Sheet Flow	Start Station	0.00	ft
	End Station	100.00	ft
	Length (L)	100	ft
	Manning's n	0.15	
	2-year 24-hour rain	3.44	inches
	Start Elev	623.981	ft
	End Elev	618.12	ft
	Slope (S)	0.059	ft/ft
	T_t	6	minutes
Shallow Concentrated Flow	Start Station	100.00	ft
	End Station	184.00	ft
	Length	84	ft
	Start Elev	618.12	ft
	End Elev	616.38	ft
	Slope (S)	0.021	ft/ft
	Surface	Paved	
	T_t	0.5	minutes
Channel or Storm Drain Flow	Cross Sectional Area (A)	4.91	sf
	Wetted Perimeter (P)	7.85	ft
	Hydraulic Radius (r)	0.625	ft
	Start Elev	616.382	ft
	End Elev	586.362	ft
	Slope (S)	0.00	ft/ft
	Manning's n	0.013	
	Velocity (V)	0.00	fps
	Start Station		ft
	End Station		ft
	Length (L)		ft
	T_t	0.00	minutes

Time of Concentration	6.5	0.108982
Lag Time	4	

E3

Sheet Flow	Start Station	0.00	ft
	End Station	100.00	ft
	Length (L)	100	ft
	Manning's n	0.24	
	2-year 24-hour rain	3.44	inches
	Start Elev	629.896	ft
	End Elev	628.13	ft
	Slope (S)	0.018	ft/ft
	T_t	14	minutes
Shallow Concentrated Flow	Start Station	100.00	ft
	End Station	322.65	ft
	Length	223	ft
	Start Elev	628.13	ft
	End Elev	611.19	ft
	Slope (S)	0.076	ft/ft
	Surface	Unpaved	
	T_t	1	minutes
Channel or Storm Drain Flow	Cross Sectional Area (A)	4.91	sf
	Wetted Perimeter (P)	7.85	ft
	Hydraulic Radius (r)	0.625	ft
	Start Elev	611.192	ft
	End Elev	586.362	ft
	Slope (S)	0.00	ft/ft
	Manning's n	0.013	
	Velocity (V)	0.00	fps
	Start Station		ft
	End Station		ft
	Length (L)		ft
	T_t	0.00	minutes

Time of Concentration	15	0.254832
Lag Time	9	

1" = 10'-0"
ORIGINAL IS ONE INCH SCALE

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NO.	DATE	DESCRIPTION	BY

0 1"
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EXISTING DRAINAGE AREA CALCULATIONS

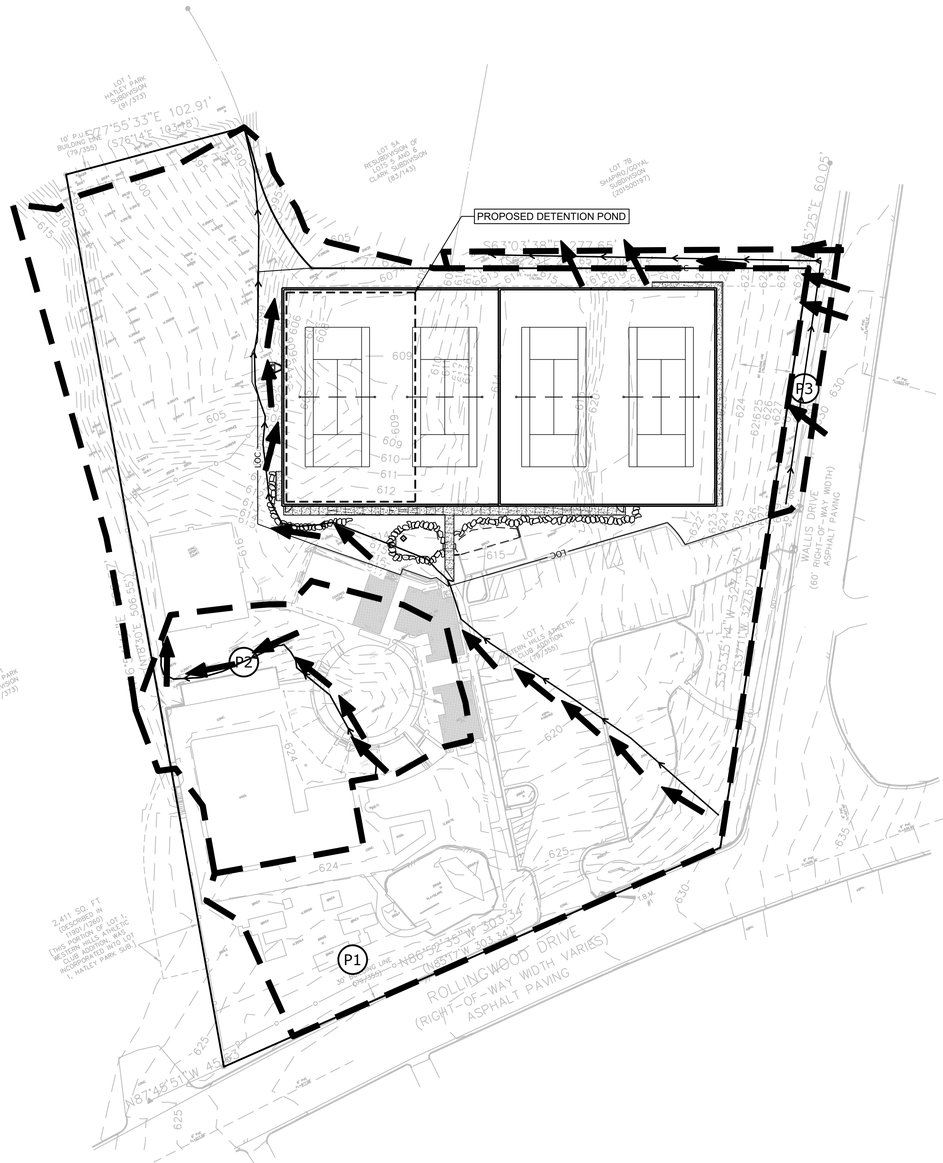
Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

502

12 OF 26

File: Y:\863-01_WHC_Athletic_Club\CAD\Sheets\501 Existing DAM.dwg 22x34



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NO.	DATE	DESCRIPTION	BY

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PROPOSED DRAINAGE AREA MAP

Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

503

13 OF 26

File: Y:\863-01_Wht_Athletic_Club\CAD\Sheets\503 Proposed DAM.dwg 22x34

1" = 10'-0"
ORIGINAL IS ONE INCH
SCALE

P1			
Sheet Flow	Start Station	0.00	ft
	End Station	85.00	ft
	Length (L)	85	ft
	Manning's n	0.15	
	2-year 24-hour rain	3.44	inches
	Start Elev	629.88	ft
	End Elev	620.24	ft
	Slope (S)	0.113	ft/ft
	T_t	4	minutes
Shallow Concentrated Flow	Start Station	85.00	ft
	End Station	616.00	ft
	Length	531	ft
	Start Elev	620.24	ft
	End Elev	586.40	ft
	Slope (S)	0.064	ft/ft
	Surface	Paved	
	T_t	2	minutes
Channel or Storm Drain Flow	Cross Sectional Area (A)	0.25	sf
	Wetted Perimeter (P)	2.00	ft
	Hydraulic Radius (r)	0.125	ft
	Start Elev	586.40	ft
	End Elev	623.71	ft
	Slope (S)	0.00	ft/ft
	Manning's n	0.013	
	Velocity (V)	0.00	fps
	Start Station		ft
	End Station		ft
	Length (L)		ft
	T_t	0.00	minutes

Time of Concentration	6	0.098812705
Lag Time	4	

P2			
Sheet Flow	Start Station	0	ft
	End Station	100	ft
	Length (L)	100	ft
	Manning's n	0.15	
	2-year 24-hour rain	3.44	inches
	Start Elev	623.98	ft
	End Elev	618.12	ft
	Slope (S)	0.059	ft/ft
	T_t	6	minutes
Shallow Concentrated Flow	Start Station	100	ft
	End Station	184	ft
	Length	84	ft
	Start Elev	618.12	ft
	End Elev	616.38	ft
	Slope (S)	0.021	ft/ft
	Surface	Unpaved	
	T_t	1	minutes
Channel or Storm Drain Flow	Cross Sectional Area (A)	1.7671459	sf
	Wetted Perimeter (P)	4.712389	ft
	Hydraulic Radius (r)	0.375	ft
	Start Elev	616.38	ft
	End Elev	687.926	ft
	Slope (S)	0.02	ft/ft
	Manning's n	0.013	
	Velocity (V)	8.43	fps
	Start Station		ft
	End Station		ft
	Length (L)		ft
	T_t	0.00	minutes

Time of Concentration	7	0.11104
Lag Time	4	

P3			
Sheet Flow	Start Station	0.00	ft
	End Station	100.00	ft
	Length (L)	100	ft
	Manning's n	0.24	
	2-year 24-hour rain	3.44	inches
	Start Elev	629.896	ft
	End Elev	628.13	ft
	Slope (S)	0.018	ft/ft
	T_t	14	minutes
Shallow Concentrated Flow	Start Station	100.00	ft
	End Station	322.65	ft
	Length	223	ft
	Start Elev	628.13	ft
	End Elev	611.19	ft
	Slope (S)	0.076	ft/ft
	Surface	Unpaved	
	T_t	1	minutes
Channel or Storm Drain Flow	Cross Sectional Area (A)	4.91	sf
	Wetted Perimeter (P)	7.85	ft
	Hydraulic Radius (r)	0.625	ft
	Start Elev	611.192	ft
	End Elev	586.362	ft
	Slope (S)	0.00	ft/ft
	Manning's n	0.013	
	Velocity (V)	0.00	fps
	Start Station		ft
	End Station		ft
	Length (L)		ft
	T_t	0.00	minutes

Time of Concentration	15	0.2548
Lag Time	9	

RUNOFF SUMMARY HMS

Point of Analysis	Storm Event	Exisiting Flow (cfs)	Proposed Without Detention	Proposed flow with detention	Net Change W/O Detention (cfs) (Proposed-Exist)	NetChange W/ Detention (cfs) (Propose-Exist)
E1/P1	2 Year	6.4	6.6	2.8	0.2	-3.6
E1/P1	5 Year	9.9	10	5.4	0.1	-4.5
E1/P1	10 Year	12.4	12.5	6.6	0.1	-5.8
E1/P1	25 Year	15.9	15.8	8.1	-0.1	-7.8
E1/P1	50 Year	18.7	18.5	9.2	-0.2	-9.5
E1/P1	100 Year	21.7	21.4	10.2	-0.3	-11.5
E1/P1	250 Year	25.7	25.3	11.5	-0.4	-14.2
E1/P1	500 Year	29	28.5	13.7	-0.5	-15.3
E2/P2	2 Year	1.1	1.1	0	0	-1.1
E2/P2	5 Year	1.6	1.6	0	0	-1.6
E2/P2	10 Year	2.1	2.1	0	0	-2.1
E2/P2	25 Year	2.6	2.6	0	0	-2.6
E2/P2	50 Year	3.1	3.1	0	0	-3.1
E2/P2	100 Year	3.6	3.6	0	0	-3.6
E2/P2	250 Year	4.3	4.3	0	0	-4.3
E2/P2	500 Year	4.8	4.8	0	0	-4.8
E3/P3	2 Year	0.1	0.1	0	0	-0.1
E3/P3	5 Year	0.2	0.2	0	0	-0.2
E3/P3	10 Year	0.3	0.3	0	0	-0.3
E3/P3	25 Year	0.4	0.4	0	0	-0.4
E3/P3	50 Year	0.5	0.5	0	0	-0.5
E3/P3	100 Year	0.6	0.6	0	0	-0.6
E3/P3	250 Year	0.7	0.7	0	0	-0.7
E3/P3	500 Year	0.8	0.8	0	0	-0.8

For both proposed and existing conditions , drainage area 2 and 3 do not flow through the project area . Hence the flow is considered as an offsite flow for this project.

COVER TYPE	HYDROLOGIC CONDITION	CURVE NUMBERS FOR HYDROLOGIC SOIL GROUP A	B	C	D	DRAINAGE AREA P1	P2	P3	COMPOSITE CURVE NUMBER P1	P2	P3
Fully developed urban areas (vegetation established)									0	0	0
Open space (lawns, parks, golf courses, cemeteries, etc.)									0	0	0
Poor condition (grass cover 50%)		68	79	86	89				0	0	0
Fair condition (grass cover 50% to 75%)		49	69	79	84				0	0	0
Good condition (grass cover 75%)		39	61	74	80	55733.08	11579.53	4361.65	4458646.4	926362.4	348932
Impervious areas:									0	0	0
Paved parking lots, roofs, driveways, etc. (excluding right of way)		98	98	98	98	60078.72	8107.45	0.00	5887714.6	794530.1	0
Streets and roads:									0	0	0
Paved; curbs and storm drains (excluding right of way)		98	98	98	98				0	0	0
Paved; open ditches (including right of way)		83	89	92	93				0	0	0
Gravel (including right of way)		76	85	89	91				0	0	0
Dirt (including right of way)		72	82	87	89				0	0	0
Developing urban area									0	0	0
Newly graded areas (pervious areas only, no vegetation)		77	86	91	94				0	0	0
Agricultural lands									0	0	0
Grassland, or range-continuous forage for grazing	Poor	68	79	86	89				0	0	0
	Fair	49	69	79	84				0	0	0
	Good	39	61	74	80				0	0	0
Meadow-continuous grass, protected from grazing and generally mowed for hay		30	58	71	78				0	0	0
Brush - brush-weed-grass mixture with brush the major element	Poor	48	67	77	83				0	0	0
	Fair	35	56	70	77				0	0	0
	Good	30	48	65	73				0	0	0
Woods - grass combination (orchard or tree farm)	Poor	57	73	82	86				0	0	0
	Fair	43	65	76	79				0	0	0
	Good	32	58	72	79				0	0	0
Woods - grass combination (orchard or tree farm)	Poor	45	66	77	83				0	0	0
	Fair	36	60	73	79				0	0	0
	Good	30	55	70	77				0	0	0
Farmstead - buildings, lanes, driveways and surrounding lots		59	74	82	86				0	0	0
											0
					SF	115811.8	19686.98	4361.65	89	87	80
					AC	2.66	0.45	0.10			
					SM	0.004154169	0.000706172	0.000156452			
					% Imp	52%	41%	0%			

PERMIT DOCUMENTS

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STATE OF TEXAS
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TBAE FIRM REGISTRATION NO.: 1452
TBPE FIRM REGISTRATION NO.: F-1416
TBPLS FIRM REGISTRATION NO.: 10065600

NO.	DATE	DESCRIPTION	BY

0 1"
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PROPOSED DRAINAGE AREA CALCULATIONS

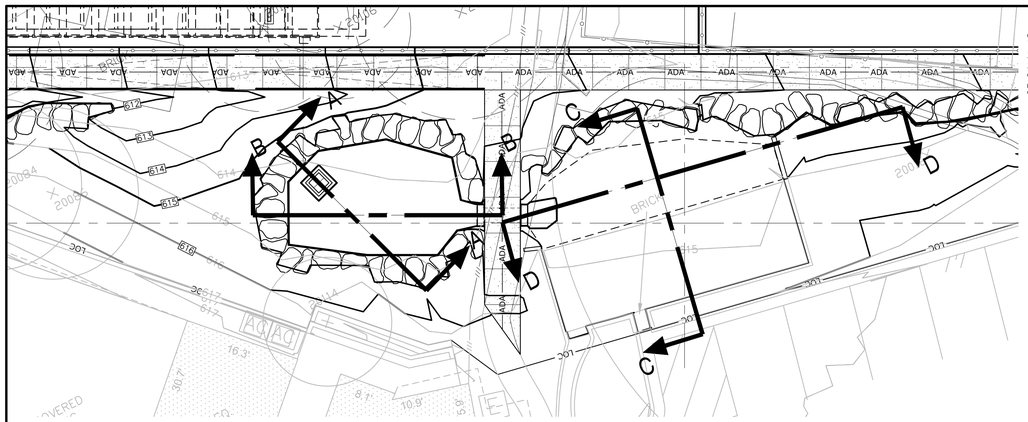
Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

504

14 OF 26

File: Y:\863-01_WHL_Athletic_Club\CAD\Sheets\503 Proposed DAM.dwg 22x34



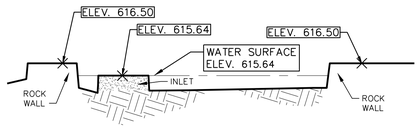
1" = 10'-0"

ORIGINAL IS ONE INCH

SCALE

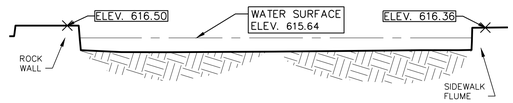
STAGE STORAGE TABLE

Elevation	Area	Depth	Volume
615	341.3957	0	0
615.64			462.5
616	1109.3625	1	725.3791



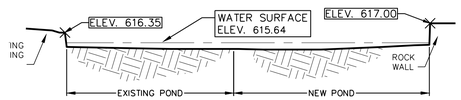
A POND - SECTION A

SCALE: 1" = 5'



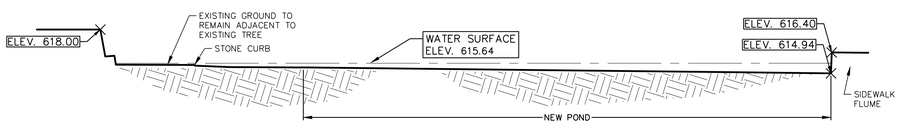
B POND - SECTION B

SCALE: 1" = 5'



C POND - SECTION C

SCALE: 1" = 5'



D POND - SECTION D

SCALE: 1" = 5'

PERMIT DOCUMENTS

Texas Commission on Environmental Quality

TSS Removal Calculations 04-20-2009

Project Name: WESTERN HILLS ATHLETIC CENTER
Date Prepared: 2/24/2020

Additional information is provided for cells with a red triangle in the upper right corner. Place the cursor over the cell.
Text shown in blue indicate location of instructions in the Technical Guidance Manual - RG-348.
Characters shown in red are data entry fields.
Characters shown in black (Bold) are calculated fields. Changes to these fields will remove the equations used in the spreadsheet.

1. The Required Load Reduction for the total project: Calculations from RG-348 Pages 3-27 to 3-30

Page 3-29 Equation 3.3: $L_M = 27.2(A_N \times P)$

where:
$L_{M\ TOTAL\ PROJECT}$ = Required TSS removal resulting from the proposed development = 80% of increased load
A_N = Net increase in impervious area for the project
P = Average annual precipitation, inches

Site Data: Determine Required Load Removal Based on the Entire Project

County =	Travis	
Total project area included in plan * =	3.21	acres
Predevelopment impervious area within the limits of the plan * =	1.22	acres
Total post-development impervious area within the limits of the plan* =	1.57	acres
Total post-development impervious cover fraction * =	0.49	
P =	32	inches
$L_{M\ TOTAL\ PROJECT}$ =	305	lbs.

* The values entered in these fields should be for the total project area.

Number of drainage basins / outfalls areas leaving the plan area = 1

2. Drainage Basin Parameters (This information should be provided for each basin):

Drainage Basin/Outfall Area No. = 1

Total drainage basin/outfall area =	2.66	acres
Predevelopment impervious area within drainage basin/outfall area =	1.03	acres
Post-development impervious area within drainage basin/outfall area =	1.38	acres
Post-development impervious fraction within drainage basin/outfall area =	0.52	
$L_{M\ THIS\ BASIN}$ =	305	lbs.

3. Indicate the proposed BMP Code for this basin.

Proposed BMP =	Bioretention	
Removal efficiency =	89	percent

4. Calculate Maximum TSS Load Removed (L_R) for this Drainage Basin by the selected BMP Type.

RG-348 Page 3-33 Equation 3.7: L_R = (BMP efficiency) x P x (A_C x 34.6 + A_P x 0.54)

where:
A_C = Total On-Site drainage area in the BMP catchment area
A_I = Impervious area proposed in the BMP catchment area
A_P = Pervious area remaining in the BMP catchment area
L_R = TSS Load removed from this catchment area by the proposed BMP

A_C =	1.03	acres
A_I =	0.60	acres
A_P =	0.43	acres
L_R =	598	lbs

5. Calculate Fraction of Annual Runoff to Treat the drainage basin / outfall area

Desired $L_{M\ THIS\ BASIN}$ =	139	lbs.
F =	0.23	

6. Calculate Capture Volume required by the BMP Type for this drainage basin / outfall area. Calculations from RG-348 Pages 3-34 to 3-36

Rainfall Depth =	0.14	inches
Post Development Runoff Coefficient =	0.41	
On-site Water Quality Volume =	207	cubic feet

Calculations from RG-348 Pages 3-36 to 3-37

Off-site area draining to BMP =	0.00	acres
Off-site Impervious cover draining to BMP =	0.00	acres
Impervious fraction of off-site area =	0	
Off-site Runoff Coefficient =	0.00	
Off-site Water Quality Volume =	0	cubic feet
Storage for Sediment =	41	
Total Capture Volume (required water quality volume(s) x 1.20) =	248	cubic feet

The following sections are used to calculate the required water quality volume(s) for the selected BMP.
The values for BMP Types not selected in cell C45 will show NA.

10. Bioretention System Designed as Required in RG-348 Pages 3-63 to 3-65

Required Water Quality Volume for Bioretention Basin = 248 cubic feet

07/07/2020

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TBPE FIRM REGISTRATION NO.: F-1416
TBPLS FIRM REGISTRATION NO.: 10065600

NO.	DATE	DESCRIPTION	BY

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WATER QUALITY POND PLAN

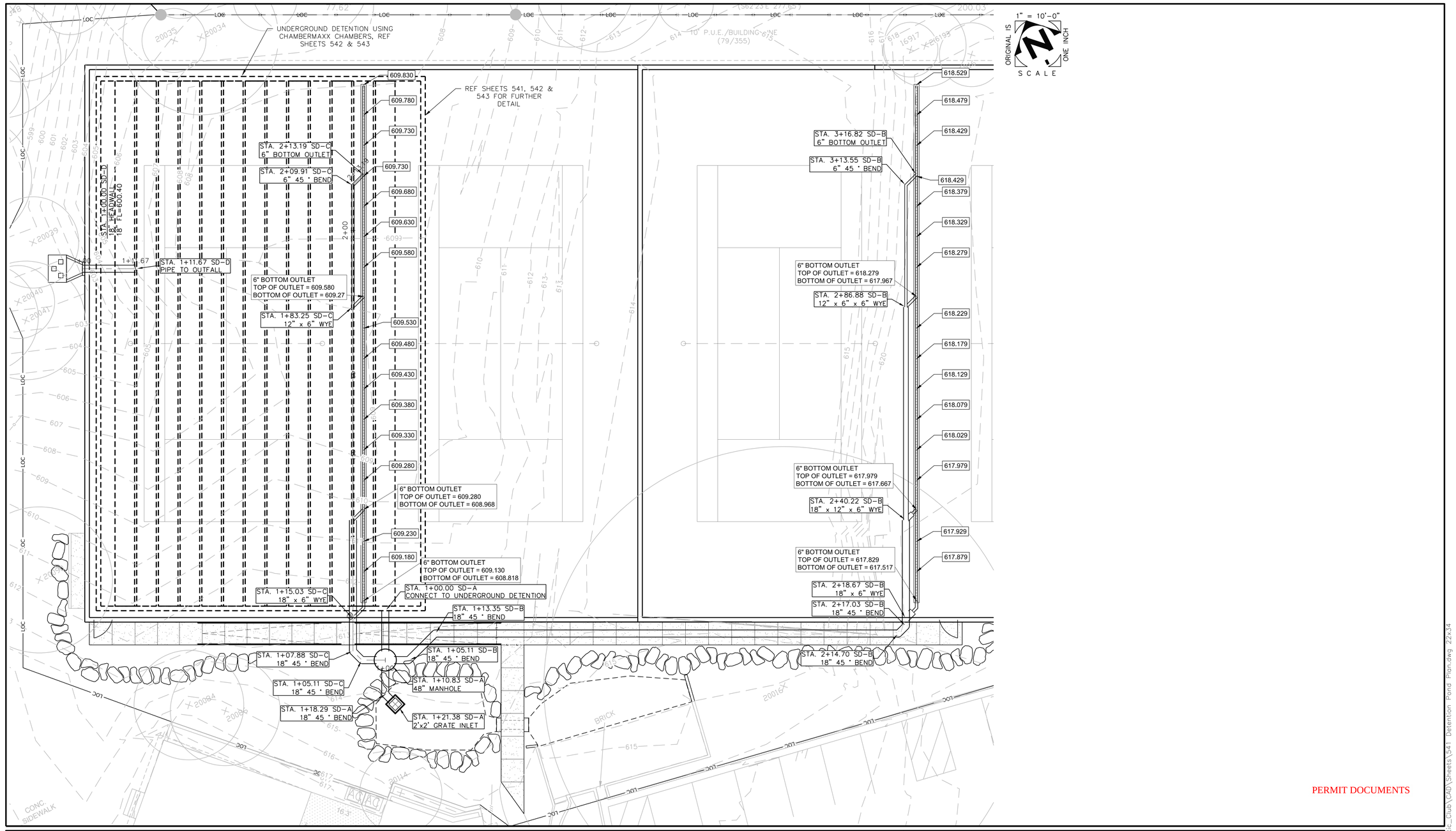
Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

531

15 OF 26

File: Y:_863-01_WH_Athletic_Club\CAD\Sheets\531 Water Quality Pond Plan.dwg 22x34



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DETENTION POND PLAN

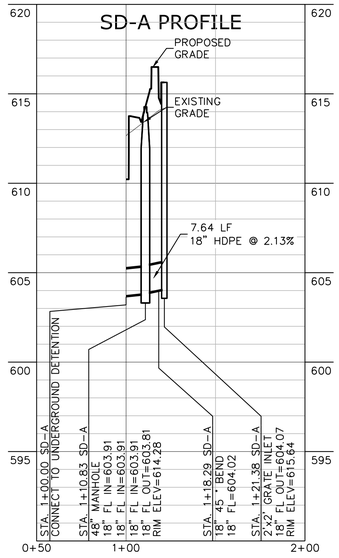
Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

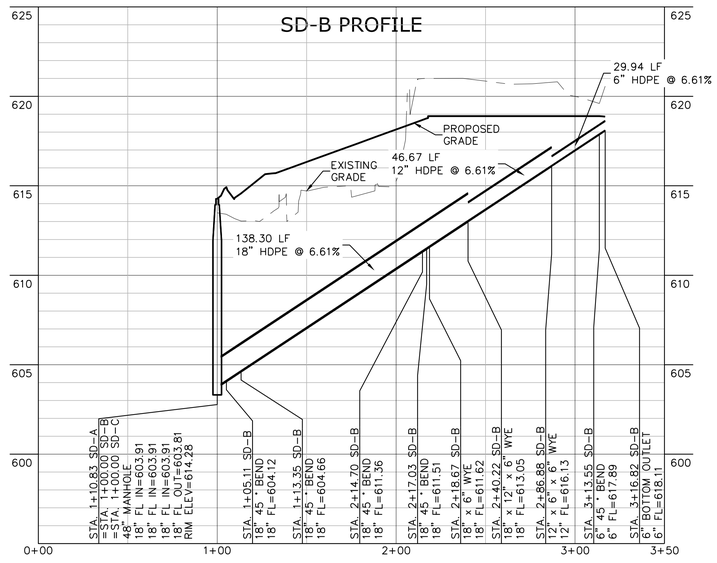
PLOTTED: 7/7/2020
JOB NO: 863-01

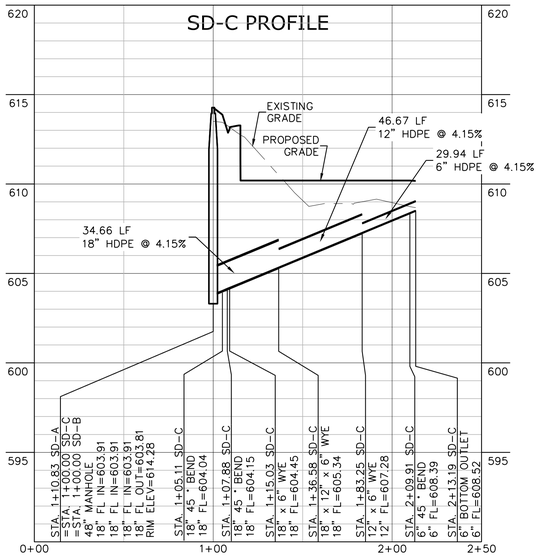
541

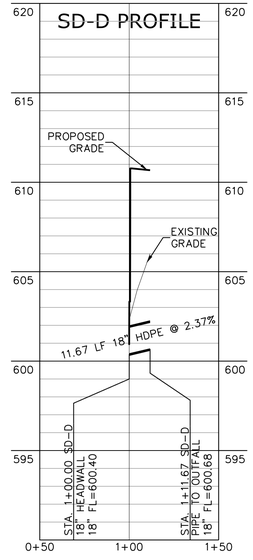
16 OF 26

File: Y:\863-01_Wht_Athletic_Club\CAD\Sheets\541 Detention Pond Plan.dwg 22x34









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DETENTION POND PLAN

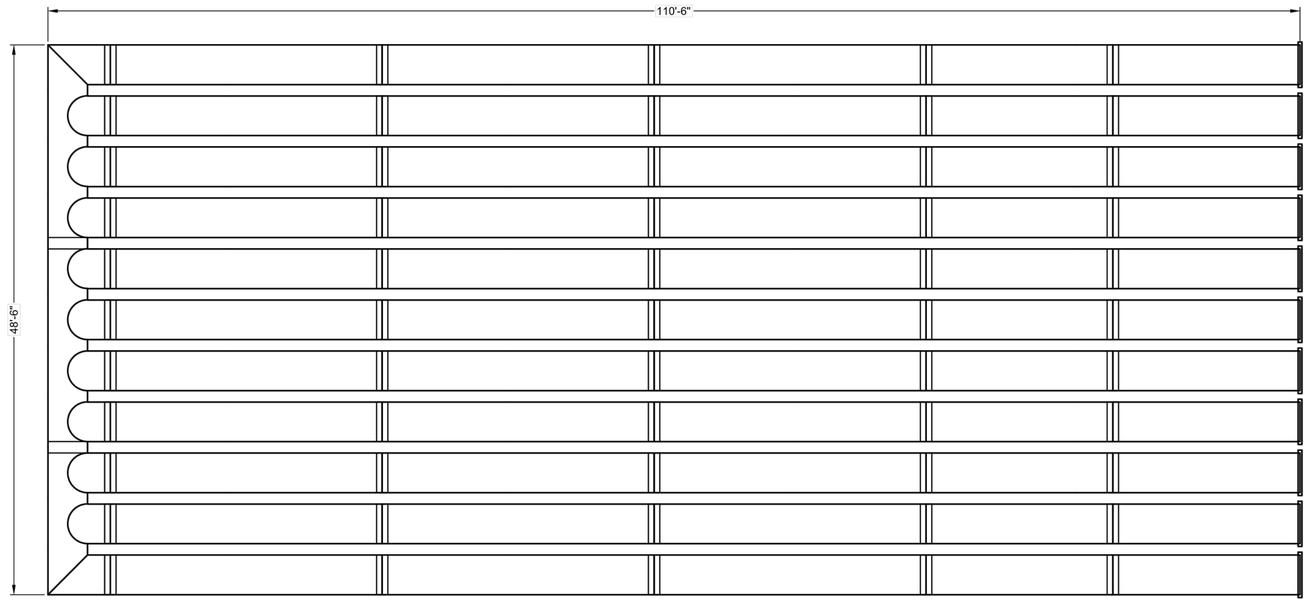
Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

542

17 OF 26

File: Y:\863-01_WH_Athletic_Club\CAD\Sheets\541 Detention Pond Plan.dwg 22x34



ASSEMBLY
SCALE: 1" = 10'

PERMIT DOCUMENTS

PROJECT SUMMARY

CALCULATION DETAILS
- LENGTH PER BARREL = 107 FT
- LENGTH PER HEADER = 48.50 FT
- LOADING = H20 & H25
- APPROX. CMP FOOTAGE = 1,226 FT

STORAGE SUMMARY
- STORAGE VOLUME REQUIRED 15,000 CF
- PIPE STORAGE = 11,790 CF
- STRUCTURAL BACKFILL STORAGE = 3,280 CF
- TOTAL STORAGE PROVIDED = 15,070 CF

PIPE DETAILS
- DIAMETER = 42 IN
- CORRUGATION = 2-2/3" X 1/2"
- GAGE = 16
- COATING = ALUMINIZED STEEL TYPE 2 (ALT2)
- WALL TYPE = PERFORATED
- BARREL SPACING = 12 IN

BACKFILL DETAILS
- WIDTH AT ENDS = 12 IN
- ABOVE PIPE = 6 IN
- WIDTH AT SIDES = 12 IN
- BELOW PIPE = 0 IN

NOTES
- ALL RISER AND STUB DIMENSIONS ARE TO CENTERLINE. ALL ELEVATIONS, DIMENSIONS, AND LOCATIONS OF RISERS AND INLETS, SHALL BE VERIFIED BY THE ENGINEER OF RECORD PRIOR TO RELEASING FOR FABRICATION.
- ALL FITTINGS AND REINFORCEMENT COMPLY WITH ASTM A998.
- ALL RISERS AND STUBS ARE 2 ⅔" x ½" CORRUGATION AND 16 GAGE UNLESS OTHERWISE NOTED.
- RISERS TO BE FIELD TRIMMED TO GRADE.
- QUANTITY OF PIPE SHOWN DOES NOT PROVIDE EXTRA PIPE FOR CONNECTING THE SYSTEM TO EXISTING PIPE OR DRAINAGE STRUCTURES. OUR SYSTEM AS DETAILED PROVIDES NOMINAL INLET AND/OR OUTLET PIPE STUB FOR CONNECTION TO EXISTING DRAINAGE FACILITIES. IF ADDITIONAL PIPE IS NEEDED IT IS THE RESPONSIBILITY OF THE CONTRACTOR.
- BAND TYPE TO BE DETERMINED UPON FINAL DESIGN.
- THE PROJECT SUMMARY IS REFLECTIVE OF THE DYODS DESIGN, QUANTITIES ARE APPROX. AND SHOULD BE VERIFIED UPON FINAL DESIGN AND APPROVAL. FOR EXAMPLE, TOTAL EXCAVATION DOES NOT CONSIDER ALL VARIABLES SUCH AS SHORING AND ONLY ACCOUNTS FOR MATERIAL WITHIN THE ESTIMATED EXCAVATION FOOTPRINT.

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MARK	DATE	REVISION DESCRIPTION	BY

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www.ContechES.com
9025 Centre Pointe Dr., Suite 400, West Chester, OH 45069
800-338-1122 513-645-7000 513-645-7993 FAX

CONTECH CMP DETENTION SYSTEMS
CONTECH DYODS DRAWING

DYODS - 14673-1-0
PROJECT NAME: Western Hills Athletic Club
Austin, TX
DESCRIPTION: UDS

PROJECT No.:	SEQ. No.:	DATE:
14673-1	0	4/7/2020
DESIGNED: DYODS	DRAWN: DYODS	
CHECKED:	APPROVED:	
SHEET NO.: D1		

C:\DYODS\DATA\CP\CDYODS_14673-1.DWG 4/7/2020 9:57 AM

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DETENTION POND DETAILS

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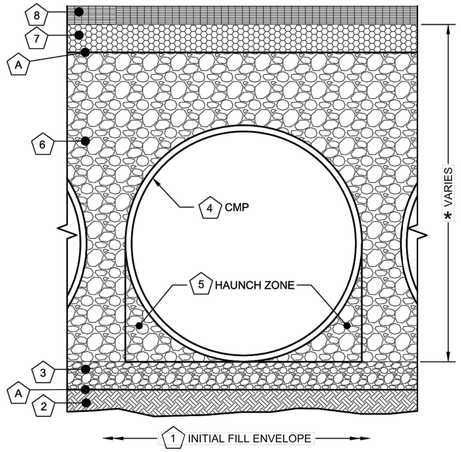
PLOTTED: 7/7/2020
JOB NO: 863-01

543

18 OF 26

Files: X:\863-01_WH_Athletic_Club\CAD\Sheets\c542 Detention Pond Details.dwg 22x34



Infiltration Systems - CMP Infiltration & CMP Perforated Drainage Pipe			
Material Location	Description	Material Designation	Designation
8 Rigid or Flexible Pavement (if applicable)			
7 Road Base (if applicable			
A Geotextile Layer	Non-Woven Geotextile	CONTECH C-40 or C-45	Engineer Decision for consideration to prevent soil migration into varying soil types. Wrap the trench only.
6 Backfill	Infiltration pipe systems have a pipe perforation sized of 3/8" diameter. An open graded, free draining stone, with a particle size of ½" – 2 ½" diameter is recommended.	AASHTO M 145-A-1 or AASHTO M 43 - 3, 4	Material shall be worked into the pipe haunches by means of shovel-slicing, rodding, air-tamper, vibratory rod, or other effective methods. Compaction of all placed fill material is necessary and shall be considered adequate when no further yielding of the material is observed under the compactor, or under foot, and the Project Engineer or his representative is satisfied with the level of compaction"
3 Bedding Stone	Well graded granular bedding material w/maximum particle size of 3"	AASHTO M43 - 3,357,4,467, 5, 56, 57	For soil aggregates larger than 3/8" a dedicated bedding layer is not required for CMP. Pipe may be placed on the trench bottom comprised of native suitable well graded & granular material. For Arch pipes it is recommended to be shaped to a relatively flat bottom or fine-grade the foundation to a slight v-shape. Soil aggregates less than 3/8" and unsuitable material should be over-excavated and re-placed with a 4"-6" layer of well graded & granular stone per the material designation.
A Geotextile Layer	None	None	Contech does not recommend geotextiles be placed under the invert of Infiltration systems due to the propensity for geotextiles to clog over time.
* Note: The listed AASHTO designations are for gradation only. The stone must also be angular and clean.			

1 MINIMUM WIDTH DEPENDS ON SITE CONDITIONS AND ENGINEERING JUDGEMENT.

FOUNDATION/BEDDING PREPARATION

2 PRIOR TO PLACING THE BEDDING, THE FOUNDATION MUST BE CONSTRUCTED TO A UNIFORM AND STABLE GRADE. IN THE EVENT THAT UNSUITABLE FOUNDATION MATERIALS ARE ENCOUNTERED DURING EXCAVATION, THEY SHALL BE REMOVED AND BROUGHT BACK TO THE GRADE WITH A FILL MATERIAL AS APPROVED BY THE ENGINEER.

5 HAUNCH ZONE MATERIAL SHALL BE PLACED AND UNIFORMLY COMPACTED WITHOUT SOFT SPOTS.

BACKFILL
MATERIAL SHALL BE PLACED IN 8"-10" MAXIMUM LIFTS. INADEQUATE COMPACTION CAN LEAD TO EXCESSIVE DEFLECTIONS WITHIN THE SYSTEM AND SETTLEMENT OF THE SOILS OVER THE SYSTEM. BACKFILL SHALL BE PLACED SUCH THAT THERE IS NO MORE THAN A TWO-LIFT DIFFERENTIAL BETWEEN THE SIDES OF ANY PIPE IN THE SYSTEM AT ALL TIMES DURING THE BACKFILL PROCESS. BACKFILL SHALL BE ADVANCED ALONG THE LENGTH OF THE SYSTEM AT THE SAME RATE TO AVOID DIFFERENTIAL LOADING ON ANY PIPES IN THE SYSTEM.

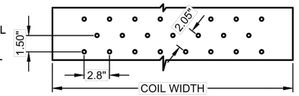
EQUIPMENT USED TO PLACE AND COMPACT THE BACKFILL SHALL BE OF A SIZE AND TYPE SO AS NOT TO DISTORT, DAMAGE, OR DISPLACE THE PIPE. ATTENTION MUST BE GIVEN TO PROVIDING ADEQUATE MINIMUM COVER FOR SUCH EQUIPMENT. MAINTAIN BALANCED LOADING ON ALL PIPES IN THE SYSTEM DURING ALL SUCH OPERATIONS.

OTHER ALTERNATE BACKFILL MATERIAL MAY BE ALLOWED DEPENDING ON SITE SPECIFIC CONDITIONS. REFER TO TYPICAL BACKFILL DETAIL FOR MATERIAL REQUIRED.

BACKFILL DETAIL
SCALE: N.T.S.

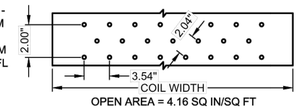
NOTE:
THESE DRAWINGS ARE FOR CONCEPTUAL PURPOSES AND DO NOT REFLECT ANY LOCAL PREFERENCES OR REGULATIONS. PLEASE CONTACT YOUR LOCAL CONTECH REP FOR MODIFICATIONS.

2 2/3" x 1/2" CORRUGATION - STEEL AND ALUMINUM CMP EDGE SPACING EQUAL ON BOTH SIDES



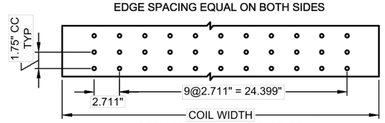
OPEN AREA = 3.76 SQ IN/SQ FT

3" x 1" CORRUGATION - STEEL AND ALUMINUM CMP (COIL PROVIDED FROM CONTECH LANTANA, FL PLANT)



OPEN AREA = 4.16 SQ IN/SQ FT

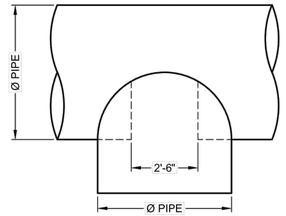
5" x 1" CORRUGATION - STEEL ONLY
EDGE SPACING EQUAL ON BOTH SIDES



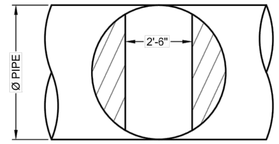
OPEN AREA = 3.33 SQ IN/SQ FT

NOTES:
1. PERFORATIONS MEET AASHTO AND ASTM SPECIFICATIONS.
2. PERFORATION OPEN AREA PER SQUARE FOOT OF PIPE IS BASED ON THE NOMINAL DIAMETER AND LENGTH OF PIPE.
3. ALL DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
4. ALL HOLES Ø3/8".

TYPICAL PERFORATION DETAIL
SCALE: N.T.S.



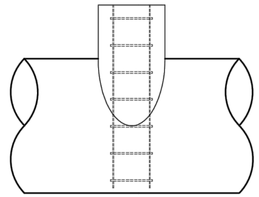
PLAN



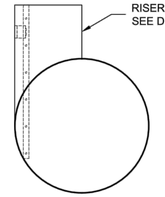
FRONT

TYPICAL MANWAY DETAIL
SCALE: N.T.S.

NOTE:
MANWAY DETAIL APPLICABLE FOR CMP SYSTEMS WITH DIAMETERS 48" AND LARGER. MANWAYS MAY BE REQUIRED ON SMALLER SYSTEMS DEPENDING ON ACTUAL SITE SPECIFIC CONDITIONS.



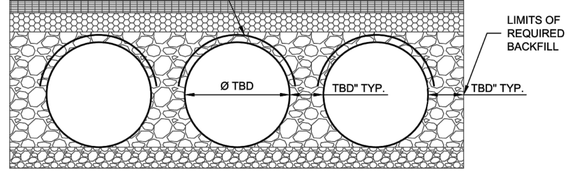
ELEVATION



END

TYPICAL RISER DETAIL
SCALE: N.T.S.

NOTE:
LADDERS ARE OPTIONAL AND ARE NOT REQUIRED FOR ALL SYSTEMS.



TYPICAL SECTION VIEW
LINER OVER ROWS
SCALE: N.T.S.

NOTE: IF SALTING AGENTS FOR SNOW AND ICE REMOVAL ARE USED ON OR NEAR THE PROJECT, AN HDPE MEMBRANE LINER IS RECOMMENDED WITH THE SYSTEM. THE IMPERMEABLE LINER IS INTENDED TO HELP PROTECT THE SYSTEM FROM THE POTENTIAL ADVERSE EFFECTS THAT MAY RESULT FROM A CHANGE IN THE SURROUNDING ENVIRONMENT OVER A PERIOD OF TIME. PLEASE REFER TO THE CORRUGATED METAL PIPE DETENTION DESIGN GUIDE FOR ADDITIONAL INFORMATION.

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800-338-1122 513-645-7000 513-645-7993 FAX

CONTECH CMP DETENTION SYSTEMS
CONTECH DYODS DRAWING

DYODS - 14673-1-0
PROJECT NAME: Western Hills Athletic Club
Austin, TX
DESCRIPTION: UDS

PROJECT No.:	SEQ. No.:	DATE:
14673-1	0	4/7/2020
DESIGNED: DYODS	DRAWN: DYODS	
CHECKED:	APPROVED:	
SHEET NO.: D2		

PERMIT DOCUMENTS

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07/07/2020

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TBAE FIRM REGISTRATION NO.: 1452
TBPE FIRM REGISTRATION NO.: F-1416
TBPLS FIRM REGISTRATION NO.: 10065600

NO.	DATE	DESCRIPTION	BY

0 1"
The bar above measures one inch on the original drawing. Adjust scales accordingly.

DETENTION POND DETAILS

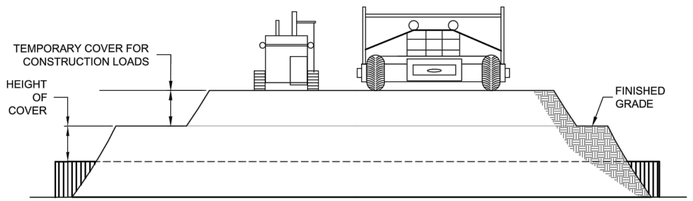
Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

544

19 OF 26

Files: Y:\863-01_WH_Athletic_Club\CAD\Sheets\542 Detention Pond Details.dwg 22x34



CONSTRUCTION LOADS

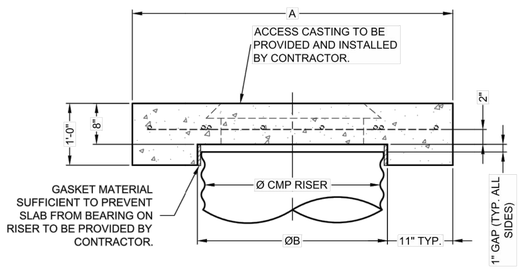
FOR TEMPORARY CONSTRUCTION VEHICLE LOADS, AN EXTRA AMOUNT OF COMPACTED COVER MAY BE REQUIRED OVER THE TOP OF THE PIPE. THE HEIGHT-OF-COVER SHALL MEET THE MINIMUM REQUIREMENTS SHOWN IN THE TABLE BELOW. THE USE OF HEAVY CONSTRUCTION EQUIPMENT NECESSITATES GREATER PROTECTION FOR THE PIPE THAN FINISHED GRADE COVER MINIMUMS FOR NORMAL HIGHWAY TRAFFIC.

PIPE SPAN, INCHES	AXLE LOADS (kips)			
	18-50	50-75	75-110	110-150
	MINIMUM COVER (FT)			
12-42	2.0	2.5	3.0	3.0
48-72	3.0	3.0	3.5	4.0
78-120	3.0	3.5	4.0	4.0
126-144	3.5	4.0	4.5	4.5

*MINIMUM COVER MAY VARY, DEPENDING ON LOCAL CONDITIONS. THE CONTRACTOR MUST PROVIDE THE ADDITIONAL COVER REQUIRED TO AVOID DAMAGE TO THE PIPE. MINIMUM COVER IS MEASURED FROM THE TOP OF THE PIPE TO THE TOP OF THE MAINTAINED CONSTRUCTION ROADWAY SURFACE.

CONSTRUCTION LOADING DIAGRAM

SCALE: N.T.S.



SECTION VIEW

REINFORCING TABLE				
Ø CMP RISER	A	Ø B	REINFORCING	**BEARING PRESSURE (PSF)
24"	Ø 4' 4'X4'	26"	#5 @ 12" OCEW #5 @ 12" OCEW	2,410 1,780
30"	Ø 4'-6" 4'-6" X 4'-6"	32"	#5 @ 12" OCEW #5 @ 12" OCEW	2,120 1,530
36"	Ø 5' 5' X 5'	38"	#5 @ 10" OCEW #5 @ 10" OCEW	1,890 1,350
42"	Ø 5'-6" 5'-6" X 5'-6"	44"	#5 @ 10" OCEW #5 @ 9" OCEW	1,720 1,210
48"	Ø 6' 6' X 6'	50"	#5 @ 9" OCEW #5 @ 8" OCEW	1,600 1,100

** ASSUMED SOIL BEARING CAPACITY

SPECIFICATION FOR DESIGNED DETENTION SYSTEM:

SCOPE
THIS SPECIFICATION COVERS THE MANUFACTURE AND INSTALLATION OF THE DESIGNED DETENTION SYSTEM DETAILED IN THE PROJECT PLANS.

MATERIAL
THE MATERIAL SHALL CONFORM TO THE APPLICABLE REQUIREMENTS LISTED BELOW:

ALUMINIZED TYPE 2 STEEL COILS SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF AASHTO M-274 OR ASTM A-92.

THE GALVANIZED STEEL COILS SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF AASHTO M-218 OR ASTM A-929.

THE POLYMER COATED STEEL COILS SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF AASHTO M-246 OR ASTM A-742.

THE ALUMINUM COILS SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF AASHTO M-197 OR ASTM B-744.

CONSTRUCTION LOADS
CONSTRUCTION LOADS MAY BE HIGHER THAN FINAL LOADS. FOLLOW THE MANUFACTURER'S OR NCSPA GUIDELINES.

NOTE:
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PIPE
THE PIPE SHALL BE MANUFACTURED IN ACCORDANCE TO THE APPLICABLE REQUIREMENTS LISTED BELOW:

ALUMINIZED TYPE 2: AASHTO M-36 OR ASTM A-760

GALVANIZED: AASHTO M-36 OR ASTM A-760

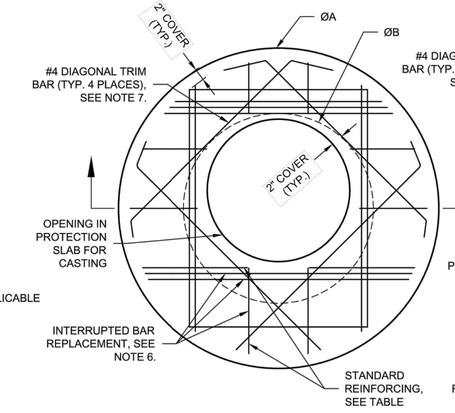
POLYMER COATED: AASHTO M-245 OR ASTM A-762

ALUMINUM: AASHTO M-196 OR ASTM B-745

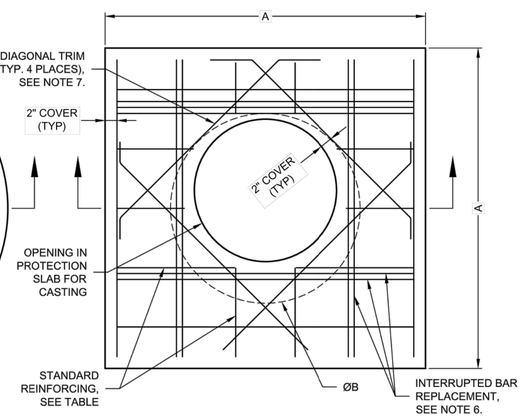
HANDLING AND ASSEMBLY
SHALL BE IN ACCORDANCE WITH NCSP'S (NATIONAL CORRUGATED STEEL PIPE ASSOCIATION) FOR ALUMINIZED TYPE 2, GALVANIZED OR POLYMER COATED STEEL. SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS FOR ALUMINUM PIPE.

INSTALLATION
SHALL BE IN ACCORDANCE WITH AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, SECTION 26, DIVISION II DIVISION II OR ASTM A-798 (FOR ALUMINIZED TYPE 2, GALVANIZED OR POLYMER COATED STEEL) OR ASTM B-788 (FOR ALUMINUM PIPE) AND IN CONFORMANCE WITH THE PROJECT PLANS AND SPECIFICATIONS. IF THERE ARE ANY INCONSISTENCIES OR CONFLICTS THE CONTRACTOR SHOULD DISCUSS AND RESOLVE WITH THE SITE ENGINEER.

IT IS ALWAYS THE RESPONSIBILITY OF THE CONTRACTOR TO FOLLOW OSHA GUIDELINES FOR SAFE PRACTICES.



ROUND OPTION PLAN VIEW



SQUARE OPTION PLAN VIEW

NOTES:

1. DESIGN IN ACCORDANCE WITH AASHTO, 17th EDITION.
2. DESIGN LOAD HS25.
3. EARTH COVER = 1' MAX.
4. CONCRETE STRENGTH = 3,500 psi
5. REINFORCING STEEL = ASTM A615, GRADE 60.
6. PROVIDE ADDITIONAL REINFORCING AROUND OPENINGS EQUAL TO THE BARS INTERRUPTED, HALF EACH SIDE. ADDITIONAL BARS TO BE IN THE SAME PLANE.
7. TRIM OPENING WITH DIAGONAL #4 BARS, EXTEND BARS A MINIMUM OF 12" BEYOND OPENING, BEND BARS AS REQUIRED TO MAINTAIN BAR COVER.
8. PROTECTION SLAB AND ALL MATERIALS TO BE PROVIDED AND INSTALLED BY CONTRACTOR.
9. DETAIL DESIGN BY DELTA ENGINEERING, BINGHAMTON, NY.

MANHOLE CAP DETAIL

SCALE: N.T.S.

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CONTECH CMP DETENTION SYSTEMS
CONTECH DYODS DRAWING

DYODS - 14673-1-0
PROJECT NAME: Western Hills Athletic Club
Austin, TX
DESCRIPTION: UDS

PROJECT No.:	SEQ. No.:	DATE:
14673-1	0	4/7/2020
DESIGNED: DYODS	DRAWN: DYODS	
CHECKED:	APPROVED:	
SHEET NO.: D3		

07/07/2020

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TBAE FIRM REGISTRATION NO.: 1452
TBPE FIRM REGISTRATION NO.: F-1416
TBPLS FIRM REGISTRATION NO.: 10065600

NO.	DATE	DESCRIPTION	BY

0 1"
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DETENTION POND DETAILS

Western Hills Athletic Club
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PLOTTED: 7/7/2020
JOB NO: 863-01

545

20 OF 26

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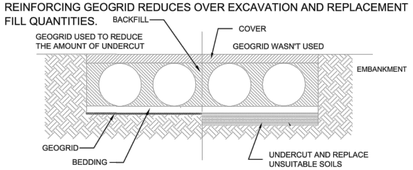
CMP DETENTION INSTALLATION GUIDE

PROPER INSTALLATION OF A FLEXIBLE UNDERGROUND DETENTION SYSTEM WILL ENSURE LONG-TERM PERFORMANCE. THE CONFIGURATION OF THESE SYSTEMS OFTEN REQUIRES SPECIAL CONSTRUCTION PRACTICES THAT DIFFER FROM CONVENTIONAL FLEXIBLE PIPE CONSTRUCTION. CONTECH ENGINEERED SOLUTIONS STRONGLY SUGGESTS SCHEDULING A PRE-CONSTRUCTION MEETING WITH YOUR LOCAL SALES ENGINEER TO DETERMINE IF ADDITIONAL MEASURES, NOT COVERED IN THIS GUIDE, ARE APPROPRIATE FOR YOUR SITE.

FOUNDATION

CONSTRUCT A FOUNDATION THAT CAN SUPPORT THE DESIGN LOADING APPLIED BY THE PIPE AND ADJACENT BACKFILL WEIGHT AS WELL AS MAINTAIN ITS INTEGRITY DURING CONSTRUCTION.

IF SOFT OR UNSUITABLE SOILS ARE ENCOUNTERED, REMOVE THE POOR SOILS DOWN TO A SUITABLE DEPTH AND THEN BUILD UP TO THE APPROPRIATE ELEVATION WITH A COMPETENT BACKFILL MATERIAL. THE STRUCTURAL FILL MATERIAL GRADATION SHOULD NOT ALLOW THE MIGRATION OF FINES, WHICH CAN CAUSE SETTLEMENT OF THE DETENTION SYSTEM OR PAVEMENT ABOVE. IF THE STRUCTURAL FILL MATERIAL IS NOT COMPATIBLE WITH THE UNDERLYING SOILS AN ENGINEERING FABRIC SHOULD BE USED AS A SEPARATOR. IN SOME CASES, USING A STIFF REINFORCING GEOGRID REDUCES OVER EXCAVATION AND REPLACEMENT FILL QUANTITIES.

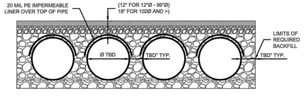


GRADE THE FOUNDATION SUBGRADE TO A UNIFORM OR SLIGHTLY SLOPING GRADE. IF THE SUBGRADE IS CLAY OR RELATIVELY NON-POROUS AND THE CONSTRUCTION SEQUENCE WILL LAST FOR AN EXTENDED PERIOD OF TIME, IT IS BEST TO SLOPE THE GRADE TO ONE END OF THE SYSTEM. THIS WILL ALLOW EXCESS WATER TO DRAIN QUICKLY, PREVENTING SATURATION OF THE SUBGRADE.

GEOMEMBRANE BARRIER

A SITE'S RESISTIVITY MAY CHANGE OVER TIME WHEN VARIOUS TYPES OF SALTING AGENTS ARE USED, SUCH AS ROAD SALTS FOR DEICING AGENTS. IF SALTING AGENTS ARE USED ON OR NEAR THE PROJECT SITE, A GEOMEMBRANE BARRIER IS RECOMMENDED WITH THE SYSTEM. THE GEOMEMBRANE LINER IS INTENDED TO HELP PROTECT THE SYSTEM FROM THE POTENTIAL ADVERSE EFFECTS THAT MAY RESULT FROM THE USE OF SUCH AGENTS INCLUDING PREMATURE CORROSION AND REDUCED ACTUAL SERVICE LIFE.

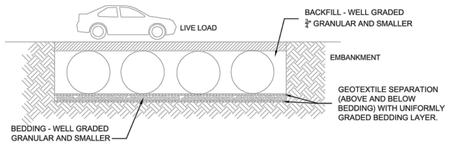
THE PROJECT'S ENGINEER OF RECORD IS TO EVALUATE WHETHER SALTING AGENTS WILL BE USED ON OR NEAR THE PROJECT SITE, AND USE HIS/HER BEST JUDGEMENT TO DETERMINE IF ANY ADDITIONAL PROTECTIVE MEASURES ARE REQUIRED. BELOW IS A TYPICAL DETAIL SHOWING THE PLACEMENT OF A GEOMEMBRANE BARRIER FOR PROJECTS WHERE SALTING AGENTS ARE USED ON OR NEAR THE PROJECT SITE.



IN-SITU TRENCH WALL

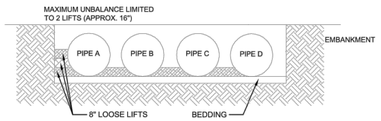
IF EXCAVATION IS REQUIRED, THE TRENCH WALL NEEDS TO BE CAPABLE OF SUPPORTING THE LOAD THAT THE PIPE SHEDS AS THE SYSTEM IS LOADED. IF SOILS ARE NOT CAPABLE OF SUPPORTING THESE LOADS, THE PIPE CAN DEFLECT. PERFORM A SIMPLE SOIL PRESSURE CHECK USING THE APPLIED LOADS TO DETERMINE THE LIMITS OF EXCAVATION BEYOND THE SPRING LINE OF THE OUTER MOST PIPES.

IN MOST CASES THE REQUIREMENTS FOR A SAFE WORK ENVIRONMENT AND PROPER BACKFILL PLACEMENT AND COMPACTION TAKE CARE OF THIS CONCERN.



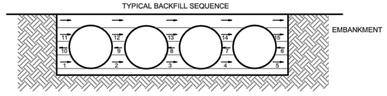
BACKFILL PLACEMENT

MATERIAL SHALL BE WORKED INTO THE PIPE HAUNCHES BY MEANS OF SHOVEL-SLICING, RODDING, AIR TAMPER, VIBRATORY ROD, OR OTHER EFFECTIVE METHODS.

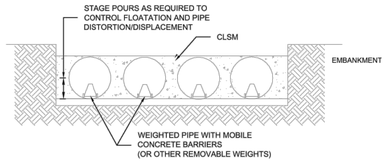


IF AASHTO T99 PROCEDURES ARE DETERMINED INFEASIBLE BY THE GEOTECHNICAL ENGINEER OF RECORD, COMPACTION IS CONSIDERED ADEQUATE WHEN NO FURTHER YIELDING OF THE MATERIAL IS OBSERVED UNDER THE COMPACTOR, OR UNDER FOOT, AND THE GEOTECHNICAL ENGINEER OF RECORD (OR REPRESENTATIVE THEREOF) IS SATISFIED WITH THE LEVEL OF COMPACTION.

FOR LARGE SYSTEMS, CONVEYOR SYSTEMS, BACKHOES WITH LONG REACHES OR DRAGLINES WITH STONE BUCKETS MAY BE USED TO PLACE BACKFILL. ONCE MINIMUM COVER FOR CONSTRUCTION LOADING ACROSS THE ENTIRE WIDTH OF THE SYSTEM IS REACHED, ADVANCE THE EQUIPMENT TO THE END OF THE RECENTLY PLACED FILL, AND BEGIN THE SEQUENCE AGAIN UNTIL THE SYSTEM IS COMPLETELY BACKFILLED. THIS TYPE OF CONSTRUCTION SEQUENCE PROVIDES ROOM FOR STOCKPILED BACKFILL DIRECTLY BEHIND THE BACKHOE, AS WELL AS THE MOVEMENT OF CONSTRUCTION TRAFFIC. MATERIAL STOCKPILES ON TOP OF THE BACKFILLED DETENTION SYSTEM SHOULD BE LIMITED TO 8- TO 10-FEET HIGH AND MUST PROVIDE BALANCED LOADING ACROSS ALL BARRELS. TO DETERMINE THE PROPER COVER OVER THE PIPES TO ALLOW THE MOVEMENT OF CONSTRUCTION EQUIPMENT SEE TABLE 1, OR CONTACT YOUR LOCAL CONTECH SALES ENGINEER.



WHEN FLOWABLE FILL IS USED, YOU MUST PREVENT PIPE FLOATATION. TYPICALLY, SMALL LIFTS ARE PLACED BETWEEN THE PIPES AND THEN ALLOWED TO SET-UP PRIOR TO THE PLACEMENT OF THE NEXT LIFT. THE ALLOWABLE THICKNESS OF THE CLSM LIFT IS A FUNCTION OF A PROPER BALANCE BETWEEN THE UPLIFT FORCE OF THE CLSM, THE OPPOSING WEIGHT OF THE PIPE, AND THE EFFECT OF OTHER RESTRAINING MEASURES. THE PIPE CAN CARRY LIMITED FLUID PRESSURE WITHOUT PIPE DISTORTION OR DISPLACEMENT, WHICH ALSO AFFECTS THE CLSM LIFT THICKNESS. YOUR LOCAL CONTECH SALES ENGINEER CAN HELP DETERMINE THE PROPER LIFT THICKNESS.

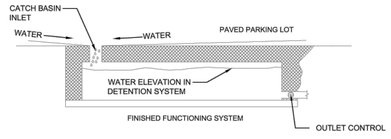


CONSTRUCTION LOADING

TYPICALLY, THE MINIMUM COVER SPECIFIED FOR A PROJECT ASSUMES H-20 LIVE LOAD. BECAUSE CONSTRUCTION LOADS OFTEN EXCEED DESIGN LIVE LOADS, INCREASED TEMPORARY MINIMUM COVER REQUIREMENTS ARE NECESSARY. SINCE CONSTRUCTION EQUIPMENT VARIES FROM JOB TO JOB, IT IS BEST TO ADDRESS EQUIPMENT SPECIFIC MINIMUM COVER REQUIREMENTS WITH YOUR LOCAL CONTECH SALES ENGINEER DURING YOUR PRE-CONSTRUCTION MEETING.

ADDITIONAL CONSIDERATIONS

BECAUSE MOST SYSTEMS ARE CONSTRUCTED BELOW-GRADE, RAINFALL CAN RAPIDLY FILL THE EXCAVATION; POTENTIALLY CAUSING FLOATATION AND MOVEMENT OF THE PREVIOUSLY PLACED PIPES. TO HELP MITIGATE POTENTIAL PROBLEMS, IT IS BEST TO START THE INSTALLATION AT THE DOWNSTREAM END WITH THE OUTLET ALREADY CONSTRUCTED TO ALLOW A ROUTE FOR THE WATER TO ESCAPE. TEMPORARY DIVERSION MEASURES MAY BE REQUIRED FOR HIGH FLOWS DUE TO THE RESTRICTED NATURE OF THE OUTLET PIPE.



CMP DETENTION SYSTEM INSPECTION AND MAINTENANCE

UNDERGROUND STORMWATER DETENTION AND INFILTRATION SYSTEMS MUST BE INSPECTED AND MAINTAINED AT REGULAR INTERVALS FOR PURPOSES OF PERFORMANCE AND LONGEVITY.

INSPECTION

INSPECTION IS THE KEY TO EFFECTIVE MAINTENANCE OF CMP DETENTION SYSTEMS AND IS EASILY PERFORMED. CONTECH RECOMMENDS ONGOING, QUARTERLY INSPECTIONS. THE RATE AT WHICH THE SYSTEM COLLECTS POLLUTANTS WILL DEPEND MORE ON SITE SPECIFIC ACTIVITIES RATHER THAN THE SIZE OR CONFIGURATION OF THE SYSTEM.

INSPECTIONS SHOULD BE PERFORMED MORE OFTEN IN EQUIPMENT WASHDOWN AREAS, IN CLIMATES WHERE SANDING AND/OR SALTING OPERATIONS TAKE PLACE, AND IN OTHER VARIOUS INSTANCES IN WHICH ONE WOULD EXPECT HIGHER ACCUMULATIONS OF SEDIMENT OR ABRASIVE/ CORROSIVE CONDITIONS. A RECORD OF EACH INSPECTION IS TO BE MAINTAINED FOR THE LIFE OF THE SYSTEM

MAINTENANCE

CMP DETENTION SYSTEMS SHOULD BE CLEANED WHEN AN INSPECTION REVEALS ACCUMULATED SEDIMENT OR TRASH IS CLOGGING THE DISCHARGE ORIFICE.

ACCUMULATED SEDIMENT AND TRASH CAN TYPICALLY BE EVACUATED THROUGH THE MANHOLE OVER THE OUTLET ORIFICE. IF MAINTENANCE IS NOT PERFORMED AS RECOMMENDED, SEDIMENT AND TRASH MAY ACCUMULATE IN FRONT OF THE OUTLET ORIFICE. MANHOLE COVERS SHOULD BE SECURELY SEATED FOLLOWING CLEANING ACTIVITIES. CONTECH SUGGESTS THAT ALL SYSTEMS BE DESIGNED WITH AN ACCESS/INSPECTION MANHOLE SITUATED AT OR NEAR THE INLET AND THE OUTLET ORIFICE. SHOULD IT BE NECESSARY TO GET INSIDE THE SYSTEM TO PERFORM MAINTENANCE ACTIVITIES, ALL APPROPRIATE PRECAUTIONS REGARDING CONFINED SPACE ENTRY AND OSHA REGULATIONS SHOULD BE FOLLOWED.

ANNUAL INSPECTIONS ARE BEST PRACTICE FOR ALL UNDERGROUND SYSTEMS. DURING THIS INSPECTION, IF EVIDENCE OF SALTING/DE-ICING AGENTS IS OBSERVED WITHIN THE SYSTEM, IT IS BEST PRACTICE FOR THE SYSTEM TO BE RINSED, INCLUDING ABOVE THE SPRING LINE SOON AFTER THE SPRING THAW AS PART OF THE MAINTENANCE PROGRAM FOR THE SYSTEM.

MAINTAINING AN UNDERGROUND DETENTION OR INFILTRATION SYSTEM IS EASIEST WHEN THERE IS NO FLOW ENTERING THE SYSTEM. FOR THIS REASON, IT IS A GOOD IDEA TO SCHEDULE THE CLEANOUT DURING DRY WEATHER.

THE FOREGOING INSPECTION AND MAINTENANCE EFFORTS HELP ENSURE UNDERGROUND PIPE SYSTEMS USED FOR STORMWATER STORAGE CONTINUE TO FUNCTION AS INTENDED BY IDENTIFYING RECOMMENDED REGULAR INSPECTION AND MAINTENANCE PRACTICES. INSPECTION AND MAINTENANCE RELATED TO THE STRUCTURAL INTEGRITY OF THE PIPE OR THE SOUNDNESS OF PIPE JOINT CONNECTIONS IS BEYOND THE SCOPE OF THIS GUIDE.

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CONTECH CMP DETENTION SYSTEMS

CONTECH DYODS DRAWING

DYODS - 14673-1-0
PROJECT NAME: Western Hills Athletic Club
Austin, TX
DESCRIPTION: UDS

PROJECT No.:	SEQ. No.:	DATE:
14673-1	0	4/7/2020
DESIGNED: DYODS	DRAWN: DYODS	
CHECKED:	APPROVED:	
SHEET NO.: D4		

PERMIT DOCUMENTS

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07/07/2020

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TBPE FIRM REGISTRATION NO.: F-1416
TBPLS FIRM REGISTRATION NO.: 10065600

NO.	DATE	DESCRIPTION	BY

0 1"
The bar above measures one inch on the original drawing. Adjust scales accordingly.

DETENTION POND DETAILS

Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

546

21 OF 26

File: Y:\863-01_WH_Athletic_Club\CAD\Sheets\542 Detention Pond Details.dwg 22x34

LANDSCAPE NOTES

1. THE CONTRACTOR SHALL LOCATE AND VERIFY THE EXISTENCE OF ALL OVERHEAD AND UNDERGROUND UTILITIES (INCLUDING THOSE PROPOSED WITH THIS PROJECT, I.E. IRRIGATION, WASTEWATER, WATER, STORM SEWER, GAS, TELECOM, FIBER OPTIC, ELECTRIC, ETC.) PRIOR TO STARTING WORK.

2. INFORMATION PROVIDED ON THIS PLAN IS GENERAL IN NATURE; DIMENSIONS, AREAS, AND DISTANCES ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED PRIOR TO BIDDING. DISCREPANCIES SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT FOR RESOLUTION PRIOR TO STARTING WORK.

3. THE CONTRACTOR IS TO THOROUGHLY FAMILIARIZE HIM/HERSELF WITH ALL PLANS, SPECIFICATIONS AND THE SITE PRIOR TO BIDDING. FAILURE TO DO SO WILL NOT REDUCE THE CONTRACTOR'S OBLIGATION TO PERFORM THE WORK AS DESCRIBED FOR THE PRICE BID.

4. QUANTITIES SHOWN ARE INTENDED TO ASSIST CONTRACTORS IN EVALUATING THEIR OWN TAKE OFFS AND ARE NOT GUARANTEED AS ACCURATE REPRESENTATIONS OF REQUIRED MATERIALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIS BID QUANTITIES AND IS REQUIRED TO REFLECT THE DESIGN INTENT.

5. ALL PLANT MATERIALS SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE CURRENT AMERICAN STANDARD FOR NURSERY STOCK, PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, OR EQUIVALENT

6. NO SUBSTITUTIONS OF PLANT MATERIAL LOCATIONS, SPECIES OR SIZE WILL BE ALLOWED WITHOUT PRIOR APPROVAL OF THE LANDSCAPE ARCHITECT. ALL PLANT MATERIALS SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

7. AS PART OF THE BASE BID, THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ALL LANDSCAPE MAINTENANCE AS INDICATED IN THE PROJECT SPECIFICATIONS (INCLUDING, BUT NOT LIMITED TO MOWING, WATERING, REPLACEMENT OF UNACCEPTABLE, DISEASED OR DEAD PLANTS, ETC.) AND WEED CONTROL UNTIL FINAL ACCEPTANCE BY OWNER.

8. CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIAL TO BE ALIVE AND BE IN A HEALTHY, VIGOROUS CONDITION FOR A PERIOD OF ONE YEAR FROM THE DATE OF COMPLETION OF THE ENTIRE PROJECT OR OTHER DATE(S) ESTABLISHED BY THE LANDSCAPE ARCHITECT, OR OWNER, EXCEPT AS MAY RESULT FROM NEGLECT OR DAMAGE BY THE OWNER, DAMAGE BY OTHERS OR UNUSUAL PHENOMENA BEYOND THE CONTRACTORS CONTROL.

9. CONTRACTOR SHALL REPLACE ALL DEAD, AND/OR UNHEALTHY PLANT MATERIALS AND/OR PLANT MATERIALS THAT HAVE PARTIALLY DIED PURSUANT TO THE CONDITION OF THE WARRANTY AT NO EXPENSE TO THE OWNER. DEAD MATERIALS MUST BE REPLACED WITHIN 10 BUSINESS DAYS PER TECHNICAL PROVISIONS. RE-WARRANT REPLACEMENT PLANTS FOR AN ADDITIONAL ONE YEAR UNDER THE SAME TERMS AS THE ORIGINAL WARRANTY. PLANT MATERIALS USED FOR REPLACEMENT SHALL BE THE SAME SPECIES, SIZE AND SHAPE.

10. ALL PLANTS SHALL BE HEALTHY, VIGOROUS AND REPRESENTATIVE OF THE SPECIES SPECIFIED. ALL PLANTS SHALL BE WELL BRANCHED, PROPORTIONED, AND FREE OF ALL INSECTS, DISEASES, BARK BRUISES, SCRAPES, CRACKED BRANCHES AND PHYSICAL DAMAGE. PLANTS SHALL BE BALLED AND WRAPPED OR CONTAINER GROWN AS SPECIFIED. NO PLANT MATERIALS WILL BE ACCEPTED IF IT IS ROOT BOUND. ALL ROOT WRAPPING MATERIAL SHALL BE REMOVED AT TIME OF PLANTING, AS SHOWN ON DETAILS.

11. ALL PLANTS SHALL BE INSTALLED AS PER DETAILS AND THE CONTRACT SPECIFICATIONS.

12. ALL PLANTS AND STAKES SHALL BE SET PLUMB UNLESS OTHERWISE SPECIFIED.

13. THE LANDSCAPE CONTRACTOR SHALL REFER TO THE CONTRACT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

14. INSTALLATION OF LANDSCAPE SHALL BE PERFORMED BY A QUALIFIED LANDSCAPE INSTALLER WITH A MINIMUM OF FIVE YEARS CONTINUOUS EXPERIENCE OF INSTALLING LANDSCAPE PLANTINGS OF SIMILAR SIZE AND SCOPE.

15. CONTRACTOR SHALL PROVIDE MAINTENANCE FOR LANDSCAPE & IRRIGATION SYSTEM FOR 12 MONTHS FOLLOWING FINAL ACCEPTANCE OF ENTIRE PROJECT.

16. LANDSCAPE MATERIALS SHALL BE LOCATED SO AS NOT TO OBSTRUCT VISUAL OR PHYSICAL ACCESS TO FIRE HYDRANTS. ALL LANDSCAPE MATERIALS SHALL BE INSTALLED IN CONFORMANCE WITH UTILITY COMPANY REQUIREMENTS AT TRANSFORMERS, METERS, OVERHEAD LINES, ETC. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.

17. EXECUTE ALL LANDSCAPING AND REVEGETATION PRIOR TO REQUEST FOR CERTIFICATE OF OCCUPANCY, FINAL INSPECTION OR AS OTHERWISE DIRECTED BY THE LANDSCAPE ARCHITECT OR OWNER. HOWEVER, NO PLANT MATERIALS SHALL BE INSTALLED BEFORE ROUGH GRADING HAS BEEN COMPLETED AND APPROVED BY THE LANDSCAPE ARCHITECT, OWNER OR OWNER'S DESIGNATED REPRESENTATIVE. FULLY PREPARE ALL LANDSCAPE BEDS (INCLUDING IRRIGATION) PRIOR TO INSTALLATION OF LANDSCAPE PLANTS.

18. SITE STOCKPILED TOPSOIL MAY BE USED IF IT HAS BEEN DEEMED ACCEPTABLE IN QUALITY AND APPROVED BY LANDSCAPE ARCHITECT.

19. ALL PLANTS SHALL BEAR THE SAME RELATIONSHIP TO FINISHED GRADE AS THE PLANT'S ORIGINAL GRADE BEFORE DIGGING.

20. THE LANDSCAPE CONTRACTOR SHALL PROVIDE AN IRRIGATION SYSTEM FULLY COMPLIANT WITH TCEQ REQUIREMENTS AND COMPLIANT WITH THE LANDSCAPE IRRIGATION NOTES AND CONTRACT SPECIFICATIONS.

LANDSCAPE IRRIGATION NOTES

AUTOMATIC IRRIGATION SYSTEMS SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS. THESE REQUIREMENTS SHALL BE NOTED ON THE SITE DEVELOPMENT PERMIT AND SHALL BE IMPLEMENTED AS PART OF THE LANDSCAPE INSPECTION:

1. A NEW COMMERCIAL AND MULTI-FAMILY IRRIGATION SYSTEM MUST BE DESIGNED AND INSTALLED SO THAT:

(A) THERE IS NOT DIRECT OVERSPRAY ONTO NON-IRRIGATED AREAS;

(B) THE SYSTEM DOES NOT INCLUDE SPRAY IRRIGATION ON AREAS LESS THAN SIX (6) FEET WIDE (SUCH AS MEDIANS, BUFFER STRIPS, AND PARKING LOT ISLANDS)

(C) ABOVE-GROUND IRRIGATION EMISSION DEVICES ARE SET BACK AT LEAST SIX (6) INCHES FROM IMPERVIOUS SURFACES;

(D) THE IRRIGATION SYSTEM HAS A MASTER VALVE;

(E) CIRCUIT REMOTE CONTROL VALVES HAVE ADJUSTABLE FLOW CONTROLS;

(F) SERVICEABLE IN-HEAD CHECK VALVES ARE ADJACENT TO PAVED AREAS WHERE ELEVATION DIFFERENCES MAY CAUSE LOW HEAD DRAINAGE;

(G) THE IRRIGATION SYSTEM HAS A CITY- APPROVED WEATHER BASED CONTROLLER;

(H) AN AUTOMATIC RAIN SHUT-OFF DEVICE SHUTS OFF THE IRRIGATION SYSTEM AUTOMATICALLY AFTER NOT MORE THAN A ONE-HALF INCH (1/2") RAINFALL;

(I) ZONE VALVES AND CIRCUITS ARE SEPARATED BASED ON PLANT WATER REQUIREMENTS;

(J) AN IRRIGATION EMISSION DEVICE (SUCH AS SPRAY, ROTOR, OR DRIP EMITTER) DOES NOT EXCEED THE MANUFACTURER'S RECOMMENDED OPERATING PRESSURE; AND

(K) NO COMPONENT OF THE IRRIGATION SYSTEM DEVIATES FROM THE MANUFACTURER'S RECOMMENDED USE OF THE PRODUCT.

2. THE MAXIMUM SPACING BETWEEN SPRAY OR ROTARY SPRINKLER HEADS MUST NOT EXCEED THE RADIUS OF THROW OF THE HEAD UNLESS MANUFACTURER OF THE SPRINKLER HEAD SPECIFICALLY RECOMMENDS A GREATER SPACING. THE RADIUS OF THROW IS DETERMINED BY REFERENCE TO THE MANUFACTURER'S SPECIFICATIONS FOR A SPECIFIC NOZZLE AT A SPECIFIC OPERATING PRESSURE.

3. THE IRRIGATION INSTALLER SHALL DEVELOP AND PROVIDE AN AS-BUILT DESIGN PLAN AND WATER BUDGET TO THE CITY AT THE TIME THE FINAL PLUMBING INSPECTION IS PERFORMED. THE WATER BUDGET SHALL INCLUDE:

(A) A CHART CONTAINING ZONE NUMBERS, PRECIPITATION RATE, AND GALLONS PER MINUTE; AND

(B) THE LOCATION OF THE EMERGENCY IRRIGATION SYSTEM SHUT-OFF VALVE. A LAMINATED COPY OF THE WATER BUDGET SHALL BE PERMANENTLY INSTALLED INSIDE THE IRRIGATION CONTROLLER DOOR.

4. IRRIGATION CONTRACTOR SHALL PROVIDE A COMPLETE AS-BUILT PLAN TO OWNER, OR OWNER'S DESIGNATED REPRESENTATIVE SHOWING ALL IRRIGATION COMPONENTS AND SIZE OF COMPONENTS, INCLUDING WATER PRESSURE, MAIN LINE, LATERAL LINES, VALVES, HEADS, BACKFLOW DEVICE, CONTROLLER, QUICK COUPLERS, ETC.

5. COMPLY WITH ALL APPLICABLE TCEQ IRRIGATION RULES AND REGULATIONS.

6. CONTRACTOR IS TO VERIFY PRESSURE AND WATER SUPPLY CHARACTERISTICS ARE ADEQUATE FOR THIS INSTALLATION. ANY DISCREPANCIES OR INADEQUACIES SHALL BE REPORTED TO THE OWNER IMMEDIATELY, BEFORE STARTING CONSTRUCTION. DESIGN PRESSURE IS 65 PSI AT 45 GMP.

7. CONTRACTOR SHALL OBTAIN ALL PERMITS AND HANDLE ALL INSPECTIONS FOR THIS WORK AS REQUIRED BY LOCAL REGULATIONS AND SHALL PAY ALL FEES ASSOCIATED WITH THESE PERMIT(S).

8. VERIFY LOCATION OF CONTROLLER, WATER SUPPLY; SITE CONDITIONS MAY VARY. OPERABLE IRRIGATION EQUIPMENT (VALVES, QUICK COUPLERS, BFP, ETC.) SHALL BE INSTALLED SEPARATELY IN VALVE BOXES.

9. ALL HEADS SHALL BE INSTALLED ON TRIPLE SWING JOINTS. HEADS SHALL BE NOT BE LOCATED CLOSER THAN 6" FROM PAVEMENT.

10. ADJUST RADII AND SPRAY PATTERNS TO ELIMINATE OVERSPRAY ONTO BUILDINGS, SIDEWALKS, FENCES, DRIVEWAYS, ROADWAYS, ETC.

11. ALL PAVEMENT CROSSINGS (LATERALS, WIRING, MAINLINE, ETC.) SHALL OCCUR WITHIN SLEEVES. INCLUDING SIDEWALKS, DRIVEWAYS, TRAILS, BIKE WAYS, ROADWAYS, ETC.

12. PRIOR TO CONSTRUCTION, VERIFY WITH THE GENERAL CONTRACTOR AND ALL UTILITY COMPANIES THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES. IMMEDIATELY REPORT ANY BREAKAGES TO THE APPROPRIATE UTILITY COMPANY.

13. THE CONTRACTOR IS TO INSTALL ALL SLEEVES IN SEQUENCE WITH OTHER CONSTRUCTION ACTIVITIES, AND WILL BE RESPONSIBLE FOR COORDINATING WITH OTHER SITE CONTRACTORS FOR THIS WORK. ADEQUATELY MARK THE LOCATIONS OF ALL SLEEVES AND PIPE CONNECTION POINTS TO EXISTING LINES.

14. INSTALL THE MAIN LINE A MINIMUM OF 15" DEEP AND LATERAL LINES MIN. 12" DEEP.

15. PROVIDE A NEW WATER PROOF TAG WITH CONTRACTOR'S NAME AND TELEPHONE NUMBER CLEARLY SHOWN AND SECURELY ATTACHED TO THE INSIDE OF THE CONTROLLER DOOR.

TREE MITIGATION/REPLACEMENT LIST

TREE TAG	TREE TYPE	SIZE (INCHES)				TOTAL CALIPER (INCHES)	REPLACEMENT FACTOR	REPLACEMENT INCHES REQUIRED	REASON FOR REMOVAL/MITIGATION	REPLACEMENT TREE TYPE	PROPOSED TREE CALIPER (INCHES)
16910	Chinaberry	9.00				9.0	0%	-	Invasive		
16912	Ligustrum	8.00	6.0			11.0	0%	-	Invasive		
20033	Chinaberry	9.00				9.0	0%	-	Invasive		
20038	Chinaberry	15.00				15.0	0%	-	Invasive		
20047	Live Oak	12.00				12.0	25%	3.00	Construction	MEXICAN SYCAMORE	4.00
20088	Live Oak	14.00				14.0	25%	3.50	Construction	MEXICAN SYCAMORE	4.00
20089	Live Oak	11.00				11.0	0%	-	Construction		
20093	Live Oak	18.00				18.0	25%	4.50	Construction	CEDAR ELM	6.00
20094	Live Oak	12.00				12.0	25%	3.00	Construction	MEXICAN SYCAMORE	4.00
20095	Live Oak	10.00				10.0	0%	-	Construction		
20096	Live Oak	11.00				11.0	0%	-	Construction		
20097	Live Oak	9.00				9.0	0%	-	Construction		
20098	Live Oak	12.00				12.0	25%	3.00	Construction	MEXICAN SYCAMORE	4.00
20099	Live Oak	15.00				15.0	25%	3.75	Construction	TEXAS ASH	4.00
20100	Live Oak	12.00				12.0	25%	3.00	Construction	TEXAS ASH	4.00
20101	Live Oak	13.00				13.0	25%	3.25	Construction	TEXAS ASH	4.00
20102	Live Oak*	19.00	17.0			27.5	25%	6.00	Construction	CEDAR ELM	6.00
20103	Live Oak	20.00				20.0	25%	5.00	Construction	CEDAR ELM	6.00
20105	Cedar Elm	15.00				15.0	25%	3.75	Construction	CEDAR ELM	4.00
20106	Live Oak	10.00				10.0	0%	-	Construction		
20107	Live Oak	12.00				12.0	25%	3.00	Construction	CEDAR ELM	4.00
20108	Live Oak	7.00				7.0	0%	-	Construction		-
20109	Live Oak	12.00				12.0	25%	3.00	Construction	TEXAS ASH	4.00
					TOTAL INCHES REMOVED	296.50	TOTAL REPLACEMENT INCHES REQUIRED	33.75	TOTAL REPLACEMENT INCHES PROVIDED		40.00

* Only replacing 6" maximum, as allowed by code

NOTE:
TOTAL CALIPER OF REPLACEMENT INCHES MUST EQUAL REQUIRED INCHES AS MEASURED AT DBH.

PLANT LIST

COMMON NAME	BOTANICAL NAME	SIZE	COMMENT
CEDAR ELM	ULMUS CRASSIFOLIA	6" CALIPER	12' HT., SINGLE TRUNK, B&B OR CONTAINER/BOX
CEDAR ELM	ULMUS CRASSIFOLIA	4" CALIPER	12' HT., SINGLE TRUNK, B&B OR CONTAINER/BOX
MEXICAN SYCAMORE	PLATANUS MEXICANA	4" CALIPER	12' HT., SINGLE TRUNK, B&B OR CONTAINER/BOX
TEXAS ASH	FRAXINUS TEXENSIS	4" CALIPER	12' HT., SINGLE TRUNK, B&B OR CONTAINER/BOX
BLUE MISTFLOWER	CONOCLINIUM COELESTINUM	1 GAL	EQUAL SPACING
BIG MUHLY	MUHLENBERGIA LINDHEIMERI	1 GAL	EQUAL SPACING
OBEDIENT PLANT	PHYSOSTEGIA VIRGINIANA	1 GAL	EQUAL SPACING
BERMUDA SOD	CYNODON DACTYLON	SOD	AS SHOWN

These plans have been reviewed by ATS Engineers, Inspectors and Surveyors for code compliance and adopted jurisdictional ordinances. This stamp of review in no way alleviates the responsibility of the owner or contractor to comply with all codes, ordinances, State and Federal laws. Copy of plans bearing this stamp shall be available on the jobsite at all times.

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STATE OF TEXAS
07/07/2020

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TBAE FIRM REGISTRATION NO.: 1452
TBPE FIRM REGISTRATION NO.: F-1416
TBPLS FIRM REGISTRATION NO.: 10065600

NO.	DATE	DESCRIPTION	BY

0 1"
The bar above measures one inch on the original drawing. Adjust scales accordingly.

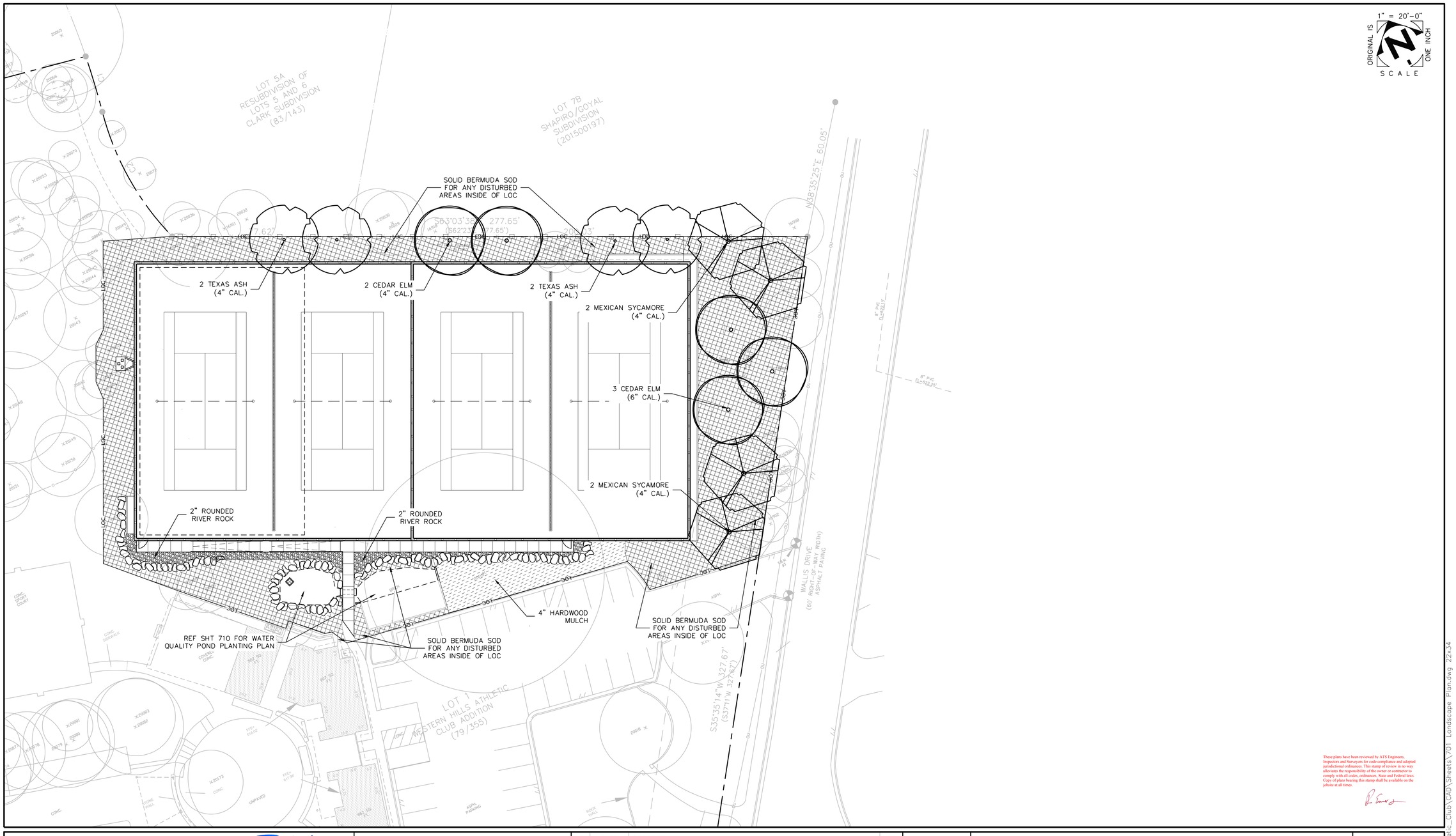
LANDSCAPE NOTES & CALCULATIONS

Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

700

File: Y:\863-01_WH_Athletic_Club\CAD\Sheets\700 Landscape Notes.dwg 22x34



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LANDSCAPE PLAN

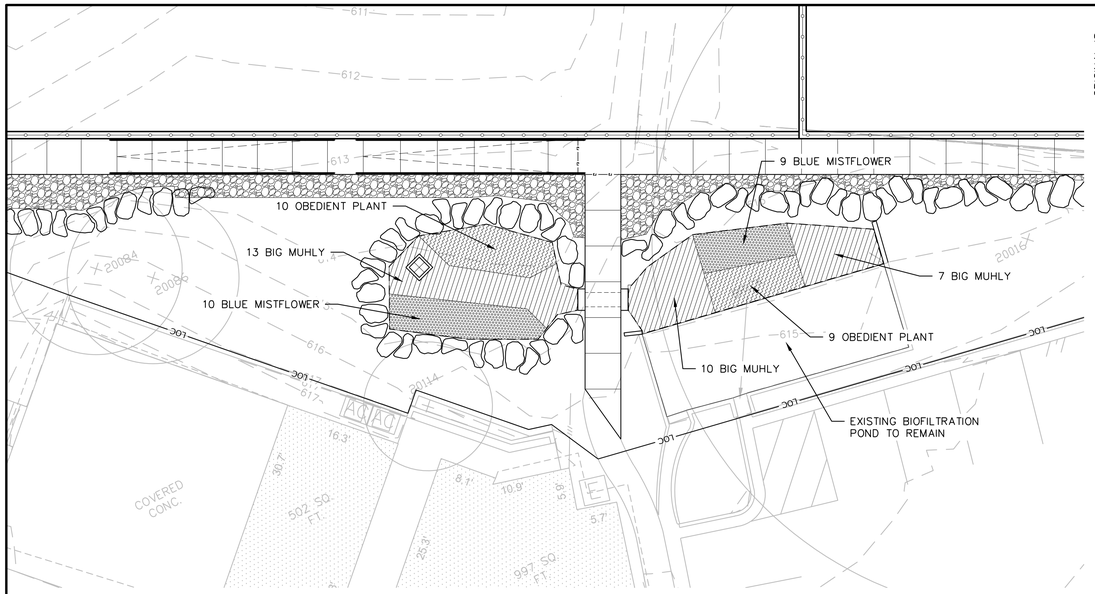
Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

701

23 OF 26

File: Y:\863-01_WH_Athletic_Club\CAD\Sheets\701 Landscape Plan.dwg 22x34



ORIGINAL IS ONE INCH

1" = 10'-0"

SCALE

RAIN GARDEN CALCULATIONS				6-Apr-20
Biofiltration Pond Bottom	660	sf		
Biofiltration Pond Landscape		Size		Quantity
Obedient Plant		1 Gallon		19
Blue Mistflower		1 Gallon		19
Big Muhly		1 Gallon		30
				68

These plans have been reviewed by ATS Engineers, Inspectors and Surveyors for code compliance and adopted jurisdictional ordinances. This stamp of review in no way alleviates the responsibility of the owner or contractor to comply with all codes, ordinances, State and Federal laws. Copy of plans bearing this stamp shall be available on the jobsite at all times.

REGISTERED LANDSCAPE ARCHITECT
DAVID J. CAZARES
1871
STATE OF TEXAS
07/07/2020

mwm Design Group
305 East Huntland Drive
Suite 200
Austin, Texas 78752
p: 512.453.0767
f: 512.453.1734

TBAE FIRM REGISTRATION NO.: 1452
TBPE FIRM REGISTRATION NO.: F-1416
TBPLS FIRM REGISTRATION NO.: 10065600

NO.	DATE	DESCRIPTION	BY

0 1"

The bar above measures one inch on the original drawing. Adjust scales accordingly.

WATER QUALITY POND PLANTING PLAN

Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

710

24 OF 26

Files: X:\863-01_WH_Athletic_Club\CAD\Sheets\710 Water Quality Pond Planting Plan.dwg 22x34

STAKE AND GUY TREE AS SHOWN ON DETAIL (REFER THIS SHEET)

NO OTHER PLANTS SHALL BE INSTALLED WITHIN TREE ROOTBALL OR IN MULCH RING

DO NOT REMOVE TREE ID TAGS UNTIL FINAL ACCEPTANCE OF PROJECT

COMPLY WITH ANSI A300 (PART 6) FOR TREE INSTALLATION

REMOVE ALL CONTAINER, TWINE, ROPE, WIRE, BURLAP ETC. FROM ROOTBALL (AS APPLICABLE).

4" ORGANIC MULCH WITH 5" SOIL SAUCER. DO NOT PLACE MULCH WITHIN 6 INCHES OF TREE TRUNK.

FINISH GRADE

TAMP SOIL AROUND BOTTOM 1/2 OF ROOTBALL FIRMLY WITH FOOT PRESSURE SO THAT ROOTBALL DOES NOT SHIFT.

PLACE ROOTBALL ON UNEXCAVATED OR TAMPED SOIL. REMOVE ALL ROCK, BASE MATERIAL, RUBBLE ETC. A MINIMUM OF 12" BELOW BOTTOM OF ROOTBALL. A MINIMUM OF 6" COMPACTED SOIL SHOULD BE BELOW ROOTBALL WHEN SETTING ROOTBALL ON TAMPED SOIL.

PRUNE DEAD OR BROKEN BRANCHES ONLY IN THE PRESENCE OF THE PROJECT LANDSCAPE ARCHITECT.

TREES WITH CROSS-OVER LIMBS, CO-DOMINANT LEADERS, ETC WILL NOT BE ACCEPTED.

TREES WITH GIRDLED ROOTS WILL NOT BE ACCEPTED

DO NOT CROP OR PRUNE CENTRAL LEADER.

DO NOT REMOVE MORE THAN 1/3 OF CANOPY.

REMOVE TREE WRAP, TAPE, STRING, ETC FROM TRUNK AND CROWN.

SET ROOT TOP OF ROOTBALL FLUSH TO ADJACENT GRADE. EACH TREE MUST BE PLANTED SUCH THAT THE TRUNK FLARE IS VISIBLE AT THE TOP OF THE ROOTBALL. TREES WHERE THE TRUNK FLARE IS NOT VISIBLE SHALL BE REJECTED. DO NOT COVER THE TOP OF THE ROOTBALL WITH SOIL.

TOP SOIL COMPACT TO 75% TO 80%

ROUGHEN SIDES OF PIT, TYP.

UNDISTURBED SUBGRADE, TYP.

EQ. 1 ROOTBALL OR CONTAINER

EQUALS TWICE THE ROOTBALL OR CONTAINER DIAMETER

1 / 791 **TREE PLANTING DETAIL (SINGLE TRUNK) GREATER THAN 3" CALIPER** NO SCALE

SINGLE TRUNK TREES 3" CALIPER AND GREATER SHALL BE STAKED AND GUYED WITH THREE T-POSTS (MIN.).

SINGLE TRUNK TREES LESS THAN 3" CALIPER SHALL BE STAKED AND GUYED WITH TWO T-POSTS (MIN.).

TREE CANOPY
EDGE OF TREE PIT
T-POST, TYP.
12 GA. GUY WIRE, TYP.
SURVEYORS TAPE (12" LONG) AT MIDPOINT OF GUY WIRE
GUY WIRE SHALL BE COMPLETELY ENCASED IN 1/2" RUBBER HOSE AFTER TURNBUCKLE. AT NO POINT SHALL GUY WIRE HAVE DIRECT CONTACT WITH TREE.
3/8" x 6" TURNBUCKLE AT MIDPOINT OF GUY WIRE
TREE TRUNK

PLAN - SINGLE TRUNK

ALL MULTI-TRUNK TREES SHALL BE STAKED AND GUYED WITH THREE T-POSTS (MIN.).

TREE CANOPY
EDGE OF TREE PIT
T-POST, TYP.
12 GA. GUY WIRE, TYP.
SURVEYORS TAPE (12" LONG) AT MIDPOINT OF GUY WIRE
3/8" x 6" TURNBUCKLE AT MIDPOINT OF GUY WIRE
GUY WIRE SHALL BE COMPLETELY ENCASED IN 1/2" RUBBER HOSE AFTER TURNBUCKLE. AT NO POINT SHALL GUY WIRE HAVE DIRECT CONTACT WITH TREE.
TREE TRUNKS

PLAN - MULTI-TRUNK

2 / 791 **TREE STAKING DETAIL** NO SCALE

REMOVE CONTAINER OR TWINE, ROPE, WIRE, BURLAP ETC. FROM ROOTBALL AS APPLICABLE. REMOVE WIRE BASKET AND BURLAP FROM PLANTING PIT BEFORE BACKFILLING. SOIL.

3" MULCH WITH 3" SOIL SAUCER. DO NOT PLACE MULCH IN CONTACT WITH SHRUB TRUNK.

FINISH GRADE

STEEL EDGING, TYP. SET TOP 1" ABOVE FINISH GRADE. INSTALL PER MANUFACTURE RECOMMENDATIONS. INSTALL AS SPECIFIED ON PLANS.

NO OTHER PLANTS SHALL BE INSTALLED WITHIN TREE ROOTBALL OR IN MULCH RING

SET ROOT TOP OF ROOTBALL FLUSH TO ADJACENT GRADE. EACH SHRUB MUST BE PLANTED SUCH THAT THE TOP OF THE ROOTBALL IS VISIBLE. DO NOT COVER THE TOP OF THE ROOTBALL WITH SOIL.

CONTINUOUS SHRUB BED, TYP.

TOP SOIL COMPACT TO 75% TO 80%

ROUGHEN SIDES OF PIT, TYP.

UNDISTURBED SUBGRADE, TYP.

FOR CONTINUOUS BEDS PROVIDE SOIL MIX TO A DEPTH OF CONTAINER PLUS 8" DEPTH TO WIDTH OF BED PER PLAN. APPROX 24" DEPTH

PLACE ROOTBALL ON UNEXCAVATED OR TAMPED SOIL. REMOVE ALL ROCK, BASE MATERIAL, RUBBLE ETC. A MINIMUM OF 12" BELOW BOTTOM OF ROOTBALL. A MINIMUM OF 6" COMPACTED SOIL SHOULD BE BELOW ROOTBALL WHEN SETTING ROOTBALL ON TAMPED SOIL.

3 / 791 **PERENNIAL / GROUNDCOVER PLANTING DETAIL** NO SCALE

REMOVE CONTAINER OR TWINE, ROPE, WIRE, BURLAP ETC. FROM ROOTBALL AS APPLICABLE. REMOVE WIRE BASKET AND BURLAP FROM PLANTING PIT BEFORE BACKFILLING. SOIL.

3" MULCH WITH 3" SOIL SAUCER. DO NOT PLACE MULCH IN CONTACT WITH SHRUB TRUNK.

FINISH GRADE

STEEL EDGING, TYP. SET TOP 1" ABOVE FINISH GRADE. INSTALL PER MANUFACTURE RECOMMENDATIONS. INSTALL AS SPECIFIED ON PLANS.

PLACE ROOTBALL ON UNEXCAVATED OR TAMPED SOIL. REMOVE ALL ROCK, BASE MATERIAL, RUBBLE ETC. A MINIMUM OF 12" BELOW BOTTOM OF ROOTBALL. A MINIMUM OF 6" COMPACTED SOIL SHOULD BE BELOW ROOTBALL WHEN SETTING ROOTBALL ON TAMPED SOIL.

SET ROOT TOP OF ROOTBALL FLUSH TO ADJACENT GRADE. EACH SHRUB MUST BE PLANTED SUCH THAT THE TOP OF THE ROOTBALL IS VISIBLE. DO NOT COVER THE TOP OF THE ROOTBALL WITH SOIL.

CONTINUOUS SHRUB BED, TYP.

TOP SOIL COMPACT TO 75% TO 80%

ROUGHEN SIDES OF PIT, TYP.

UNDISTURBED SUBGRADE, TYP.

FOR CONTINUOUS BEDS PROVIDE SOIL MIX TO A DEPTH OF CONTAINER PLUS 8" DEPTH TO WIDTH OF BED PER PLAN. APPROX 24" DEPTH

NO OTHER PLANTS SHALL BE INSTALLED WITHIN TREE ROOTBALL OR IN MULCH RING

4 / 791 **SHRUB PLANTING DETAIL** NO SCALE

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REGISTERED LANDSCAPE ARCHITECT
DAVID J. CAZARES
1871
STATE OF TEXAS
07/07/2020

mwm DesignGroup
305 East Huntland Drive
Suite 200
Austin, Texas 78752
p: 512.453.0767
f: 512.453.1734

TBAE FIRM REGISTRATION NO.: 1452
TBPE FIRM REGISTRATION NO.: F-1416
TBPLS FIRM REGISTRATION NO.: 10065600

NO.	DATE	DESCRIPTION	BY

0 1"
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LANDSCAPE DETAILS

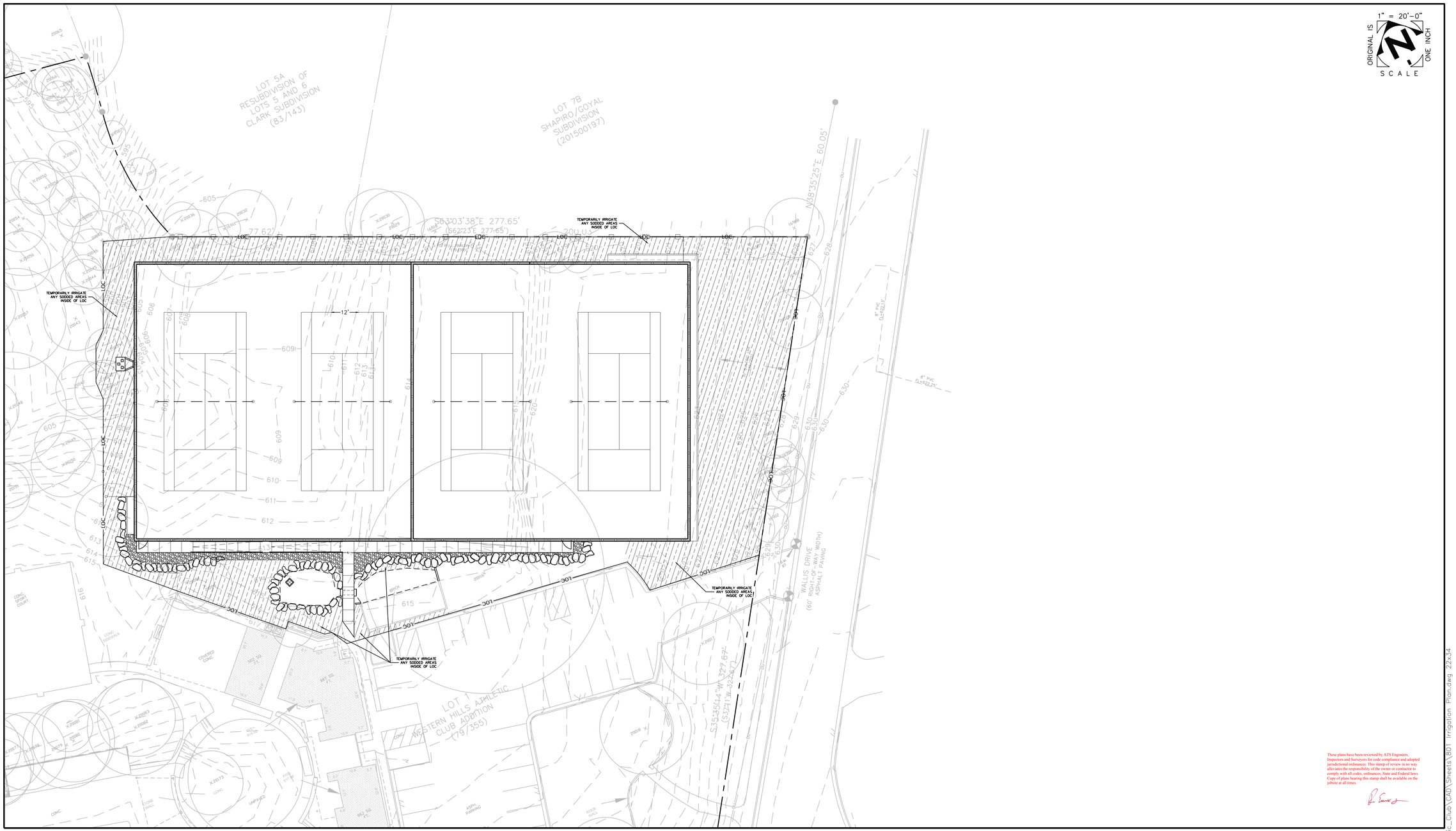
Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

791

25 OF 26

File: Y:\863-01_WH_Athletic_Club\CAD\Sheets\791 Landscape Details.dwg 22x34



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IRRIGATION PLAN

Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

801

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File: Y:_863-01_WHL_Athletic_Club\CAD\Sheets\801 Irrigation Plan.dwg 22x34

Jon Niermann, *Chairman*
Emily Lindley, *Commissioner*
Bobby Janecka, *Commissioner*
Toby Baker, *Executive Director*

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

October 8, 2020

Ms. Catherine Scott
Western Hills Athletic Club
4801 Rollingwood Dr.
Austin, Texas 78746

Re: Edwards Aquifer, Travis County

NAME OF PROJECT: Western Hills Athletic Club, Located at 4801 Rollingwood Dr., West Lake Hills, Texas

TYPE OF PLAN: Request for Approval of a Water Pollution Abatement Plan (WPAP); 30 Texas Administrative Code (TAC) Chapter 213 Edwards Aquifer

Edwards Aquifer Protection Program ID No. 11002131; Regulated Entity No. RN106890072

Dear Ms. Scott:

The Texas Commission on Environmental Quality (TCEQ) has completed its review of the WPAP Application for the above-referenced project submitted to the Austin Regional Office by MWM Design Group on behalf of Western Hills Athletic Club on July 22, 2020. Final review was completed after additional material was received on September 18, 2020 and October 7, 2020. As presented to the TCEQ, the Temporary and Permanent Best Management Practices (BMPs) were selected and construction plans were prepared by a Texas Licensed Professional Engineer to be in general compliance with the requirements of 30 TAC Chapter 213. These planning materials were sealed, signed and dated by a Texas Licensed Professional Engineer. Therefore, based on the engineer's concurrence of compliance, the planning materials for construction of the proposed project and pollution abatement measures are hereby approved subject to applicable state rules and the conditions in this letter. The applicant or a person affected may file with the chief clerk a motion for reconsideration of the executive director's final action on this Edwards Aquifer Protection Plan. A motion for reconsideration must be filed no later than 23 days after the date of this approval letter. *This approval expires two (2) years from the date of this letter unless, prior to the expiration date, more than 10 percent of the construction has commenced on the project or an extension of time has been requested.*

BACKGROUND

The original WPAP exception request approved by letter dated November 8, 2013 (EAPP ID No. 11-13082702) included the construction of recreational facilities, vegetative filter strips, and a rainwater harvesting system to treat a net increase in the impervious cover (IC) area of 0.07 acres, for a total IC of 1.30 acres.

The Modification approved by letter dated March 10, 2015 (EAPP ID No. 11-15012901) included the construction of a bioretention pond to replace the originally approved BMPs, with no

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changes in the proposed improvements. Additionally, the bioretention pond captures and treats the runoff from the parking lot that was built prior the EAPP rules.

PROJECT DESCRIPTION

The proposed non-residential project will have an area of approximately 3.21 acres. It will include the construction of two additional tennis courts and replacement of the existing two, an underground detention pond, and a JellyFish filter for runoff treatment of the additional IC increase of 0.30 acres. The total impervious cover will be 1.60 acres (49.84 percent).

PERMANENT POLLUTION ABATEMENT MEASURES

To prevent the pollution of stormwater runoff originating on-site or upgradient of the site and potentially flowing across and off the site after construction, a JellyFish filter (JF4-2-1), designed using the TCEQ technical guidance document, Complying with the Edwards Aquifer Rules: Technical Guidance on Best Management Practices (2005), will be constructed to treat stormwater runoff. The required total suspended solids (TSS) treatment for this project is 261 pounds of TSS generated from the 1.60 acres of impervious cover. The approved measures meet the required 80 percent removal of the increased load in TSS caused by the project.

GEOLOGY

According to the Geologic Assessment (GA) included with the application, the surface geology of the area consists of Georgetown Formation. No sensitive features were identified in the GA. The TCEQ site assessment conducted on September 16, 2020 revealed the site to be generally as described by the GA.

SPECIAL CONDITIONS

I. All permanent pollution abatement measures shall be operational prior to occupancy of the facility.

II. All sediment and/or media removed from the water quality basin during maintenance activities shall be properly disposed of according to 30 TAC 330 or 30 TAC 335, as applicable.

III. This WPAP approval authorizes construction of the two additional tennis courts and replacement of the existing two, an underground detention pond, and a JellyFish filter. Regulated activities outside the scope of the approved plans must obtain approval of an Edwards Aquifer Protection Plan or modification prior to the commencement of those regulated activities. An accounting of the impervious cover must be included with each application.

STANDARD CONDITIONS

1. Pursuant to Chapter 7 Subchapter C of the Texas Water Code, any violations of the requirements in 30 TAC Chapter 213 may result in administrative penalties.
2. The holder of the approved Edwards Aquifer protection plan must comply with all provisions of 30 TAC Chapter 213 and all best management practices and measures contained in the approved plan. Additional and separate approvals, permits, registrations and/or authorizations from other TCEQ Programs (i.e., Stormwater, Water Rights, UIC) can be required depending on the specifics of the plan.
3. In addition to the rules of the Commission, the applicant may also be required to comply with state and local ordinances and regulations providing for the protection of water quality.

Prior to Commencement of Construction:

4. Within 60 days of receiving written approval of an Edwards Aquifer Protection Plan, the applicant must submit to the Austin Regional Office, proof of recordation of notice in the county deed records, with the volume and page number(s) of the county deed records of the county in which the property is located. A description of the property boundaries shall be included in the deed recordation in the county deed records. A suggested form (Deed Recordation Affidavit, TCEQ-0625) that you may use to deed record the approved WPAP is enclosed.
5. All contractors conducting regulated activities at the referenced project location shall be provided a copy of this notice of approval. At least one complete copy of the approved WPAP and this notice of approval shall be maintained at the project location until all regulated activities are completed.
6. Modification to the activities described in the referenced WPAP application following the date of approval may require the submittal of a plan to modify this approval, including the payment of appropriate fees and all information necessary for its review and approval prior to initiating construction of the modifications.
7. The applicant must provide written notification of intent to commence construction, replacement, or rehabilitation of the referenced project. Notification must be submitted to the Austin Regional Office no later than 48 hours prior to commencement of the regulated activity. Written notification must include the date on which the regulated activity will commence, the name of the approved plan and program ID number for the regulated activity, and the name of the prime contractor with the name and telephone number of the contact person. The executive director will use the notification to determine if the approved plan is eligible for an extension.
8. Temporary erosion and sedimentation (E&S) controls, i.e., silt fences, rock berms, stabilized construction entrances, or other controls described in the approved WPAP, must be installed prior to construction and maintained during construction. Temporary E&S controls may be removed when vegetation is established and the construction area is stabilized. If a water quality pond is proposed, it shall be used as a sedimentation basin during construction. The TCEQ may monitor stormwater discharges from the site to evaluate the adequacy of temporary E&S control measures. Additional controls may be necessary if excessive solids are being discharged from the site.
9. All borings with depths greater than or equal to 20 feet must be plugged with non-shrink grout from the bottom of the hole to within three (3) feet of the surface. The remainder of the hole must be backfilled with cuttings from the boring. All borings less than 20 feet must be backfilled with cuttings from the boring. All borings must be backfilled or plugged within four (4) days of completion of the drilling operation. Voids may be filled with gravel.

During Construction:

10. During the course of regulated activities related to this project, the applicant or agent shall comply with all applicable provisions of 30 TAC Chapter 213, Edwards Aquifer. The applicant shall remain responsible for the provisions and conditions of this approval until such responsibility is legally transferred to another person or entity.
11. This approval does not authorize the installation of temporary aboveground storage tanks on this project. If the contractor desires to install a temporary aboveground storage tank for use during construction, an application to modify this approval must be submitted and approved prior to installation. The application must include information related to tank location and spill containment. Refer to Standard Condition No. 6, above.

12. If any sensitive feature (caves, solution cavities, sink holes, etc.) is discovered during construction, all regulated activities near the feature must be suspended immediately. The applicant or his agent must immediately notify the Austin Regional Office of the discovery of the feature. Regulated activities near the feature may not proceed until the executive director has reviewed and approved the methods proposed to protect the feature and the aquifer from potentially adverse impacts to water quality. The plan must be sealed, signed, and dated by a Texas Licensed Professional Engineer.
13. No wells exist on site. All water wells, including injection, dewatering, and monitoring wells must be in compliance with the requirements of the Texas Department of Licensing and Regulation under Title 16 TAC Chapter 76 (relating to Water Well Drillers and Pump Installers) and all other locally applicable rules, as appropriate.
14. If sediment escapes the construction site, the sediment must be removed at a frequency sufficient to minimize offsite impacts to water quality (e.g., fugitive sediment in street being washed into surface streams or sensitive features by the next rain). Sediment must be removed from sediment traps or sedimentation ponds not later than when design capacity has been reduced by 50 percent. Litter, construction debris, and construction chemicals shall be prevented from becoming stormwater discharge pollutants.
15. Intentional discharges of sediment laden water are not allowed. If dewatering becomes necessary, the discharge will be filtered through appropriately selected best management practices. These may include vegetated filter strips, sediment traps, rock berms, silt fence rings, etc.
16. The following records shall be maintained and made available to the executive director upon request: the dates when major grading activities occur, the dates when construction activities temporarily or permanently cease on a portion of the site, and the dates when stabilization measures are initiated.
17. Stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, and construction activities will not resume within 21 days. When the initiation of stabilization measures by the 14th day is precluded by weather conditions, stabilization measures shall be initiated as soon as practicable.

<u>After Completion of Construction:</u>

18. A Texas Licensed Professional Engineer must certify in writing that the permanent BMPs or measures were constructed as designed. The certification letter must be submitted to the Austin Regional Office within 30 days of site completion.
19. The applicant shall be responsible for maintaining the permanent BMPs after construction until such time as the maintenance obligation is either assumed in writing by another entity having ownership or control of the property (such as without limitation, an owner's association, a new property owner or lessee, a district, or municipality) or the ownership of the property is transferred to the entity. The regulated entity shall then be responsible for maintenance until another entity assumes such obligations in writing or ownership is transferred. A copy of the transfer of responsibility must be filed with the executive director through Austin Regional Office within 30 days of the transfer. A copy of the transfer form (TCEQ-10263) is enclosed.
20. Upon legal transfer of this property, the new owner(s) is required to comply with all terms of the approved Edwards Aquifer protection plan. If the new owner intends to commence any new regulated activity on the site, a new Edwards Aquifer protection plan that specifically addresses the new activity must be submitted to the executive director. Approval of the plan for the new regulated activity by the executive director is required prior to commencement of the new regulated activity.

21. An Edwards Aquifer protection plan approval or extension will expire and no extension will be granted if more than 50 percent of the total construction has not been completed within ten years from the initial approval of a plan. A new Edwards Aquifer protection plan must be submitted to the Austin Regional Office with the appropriate fees for review and approval by the executive director prior to commencing any additional regulated activities.
22. At project locations where construction is initiated and abandoned, or not completed, the site shall be returned to a condition such that the aquifer is protected from potential contamination.

This action is taken under authority delegated by the Executive Director of the Texas Commission on Environmental Quality. If you have any questions or require additional information, please contact Ms. Mihaela (Miki) Chilarescu of the Edwards Aquifer Protection Program of the Austin Regional Office at (512) 339-2929.

Sincerely,

Robert Sadlier, Section Manager
Edwards Aquifer Protection Program
Texas Commission on Environmental Quality

RCS/mec

Enclosure: Deed Recordation Affidavit, Form TCEQ-0625
Change in Responsibility for Maintenance of Permanent BMPs, Form TCEQ-10263

Deed Recordation Affidavit
Edwards Aquifer Protection Plan

THE STATE OF TEXAS §

County of _____ §

BEFORE ME, the undersigned authority, on this day personally appeared _____ who, being duly sworn by me, deposes and says:

(1) That my name is _____and that I own the real property described below.

(2) That said real property is subject to an EDWARDS AQUIFER PROTECTION PLAN which was required under the 30 Texas Administrative Code (TAC) Chapter 213.

(3) That the EDWARDS AQUIFER PROTECTION PLAN for said real property was approved by the Texas Commission on Environmental Quality (TCEQ) on _____.

A copy of the letter of approval from the TCEQ is attached to this affidavit as Exhibit A and is incorporated herein by reference.

(4) The said real property is located in _____ County, Texas, and the legal description of the property is as follows:

_____
LANDOWNER-AFFIANT

SWORN AND SUBSCRIBED TO before me, on this __ day of _____, ____.

_____
NOTARY PUBLIC

THE STATE OF _____ §

County of _____ §

BEFORE ME, the undersigned authority, on this day personally appeared _____ known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that (s)he executed same for the purpose and consideration therein expressed.

GIVEN under my hand and seal of office on this __ day of _____, _____.

_____
NOTARY PUBLIC

_____
Typed or Printed Name of Notary

MY COMMISSION EXPIRES: _____

Change in Responsibility for Maintenance on Permanent Best Management Practices and Measures

The applicant is no longer responsible for maintaining the permanent best management practice (BMP) and other measures. The project information and the new entity responsible for maintenance is listed below.

Customer: _____

Regulated Entity Name: _____

Site Address: _____

City, Texas, Zip: _____

County: _____

Approval Letter Date: _____

BMPs for the project: _____

New Responsible Party: _____

Name of contact: _____

Mailing Address: _____

City, State: _____ Zip: _____

Telephone: _____ FAX: _____

_____ _____

Signature of New Responsible Party Date

I acknowledge and understand that I am assuming full responsibility for maintaining all permanent best management practices and measures approved by the TCEQ for the site, until another entity assumes such obligations in writing or ownership is transferred.

If you have questions on how to fill out this form or about the Edwards Aquifer protection program, please contact us at 210/490-3096 for projects located in the San Antonio Region or 512/339-2929 for projects located in the Austin Region.

Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, contact us at 512/239-3282.

Western Hills Athletic Club

4801 Rollingwood Drive
Austin, Texas 78746

SUBMITTAL DATE
DATE: APRIL 24, 2020

OWNER:
WESTERN HILLS ATHLETIC CLUB
4801 ROLLINGWOOD DR
AUSTIN, TEXAS 78746

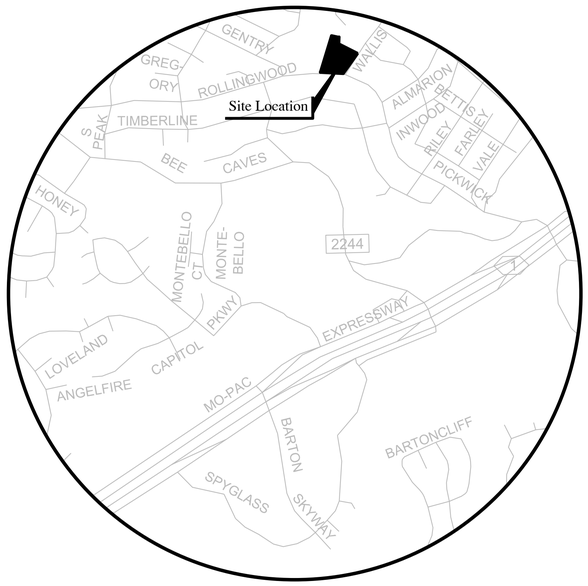
CONTACT:
CATHERINE SCOTT, PRESIDENT
(512) 327-6373

LANDSCAPE ARCHITECT:
MWM DESIGN GROUP, INC.
305 E HUNTLAND DR, STE #200
AUSTIN, TEXAS 78752

CONTACT:
DAVID CAZARES, ASLA, LEED AP
(512) 453-0767

CIVIL ENGINEER / AGENT:
MWM DESIGN GROUP, INC.
305 E HUNTLAND DR, STE #200
AUSTIN, TEXAS 78752

CONTACT:
MATTHEW RECTOR, P.E., CFM
(512) 453-0767



LOCATION MAP

LEGAL DESCRIPTION: LOT 1, WESTERN HILLS ATHLETIC CLUB ADDITION
ZONED: PARK ZONING DISTRICT (P)
PROPOSED IMPERVIOUS COVER: 68186.17 SF, 50%
WATERSHED: LADY BIRD LAKE & EANES CREEK CLASSIFICATION: SUBURBAN

NOTES:

1. THIS SITE LIES WITHIN THE ROLLINGWOOD FULL PURPOSE JURISDICTION.
2. NO PORTION OF THIS SITE IS WITHIN THE 100 YEAR FLOODPLAIN AS PER FEMA FIRM PANEL #48453C0445K, DATED JANUARY 22, 2020.
3. NO CRITICAL ENVIRONMENTAL FEATURES ARE KNOWN TO EXIST WITHIN 150' OF THE PROJECT SITE.
4. THIS SITE IS LOCATED OVER THE EDWARD'S AQUIFER RECHARGE ZONE.
5. TREES GREATER THAN 8" IN DIAMETER ARE KNOWN TO EXIST ON THIS SITE.
6. AS PART OF THE SITE PLAN, THE STORM WATER POLLUTION PREVENTION PLAN (SWIPPP) IS REQUIRED TO BE ON SITE AT ALL TIMES.

Sheet List

Sheet Index	Sheet Number	Sheet Name
1	000	COVER SHEET
2	001	GENERAL NOTES
3	010	EXISTING CONDITIONS
4	101	SITE PLAN
5	181	SITE DETAILS
6	191	SITE DETAILS
7	201	DEMOLITION PLAN
8	231	EROSION/SEDIMENTATION CONTROL & TREE PROTECTION PLAN
9	281	EROSION / SEDIMENTATION CONTROL & TREE PROTECTION DETAILS
10	301	GRADING PLAN
11	501	EXISTING DRAINAGE AREA MAP
12	502	EXISTING DRAINAGE AREA CALCULATIONS
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14	504	PROPOSED DRAINAGE AREA CALCULATIONS
15	531	WATER QUALITY POND PLAN
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23	701	LANDSCAPE PLAN
24	710	WATER QUALITY POND PLANTING PLAN
25	791	LANDSCAPE DETAILS
26	801	IRRIGATION PLAN

RELEASE OF THIS APPLICATION DOES NOT CONSTITUTE A VERIFICATION OF ALL DATA, INFORMATION AND CALCULATIONS SUPPLIED BY THE APPLICANT. THE ENGINEER OF RECORD IS SOLELY RESPONSIBLE FOR THE COMPLETENESS, ACCURACY AND ADEQUACY OF HIS/HER SUBMITTAL, WHETHER OR NOT THE APPLICATION IS REVIEWED FOR CODE COMPLIANCE BY CITY ENGINEERS.

SUBMITTED BY:

MATTHEW RECTOR, P.E., CFM — DATE
MWM DESIGNGROUP
305 E HUNTLAND DRIVE, SUITE 200
AUSTIN, TX. 78752
(512)453-0767

APPROVED BY:

FOR DIRECTOR OF PLANNING AND DEVELOPMENT REVIEW DEPARTMENT — DATE

SITE DEVELOPMENT PERMIT NUMBER

07/07/2020
STATE OF TEXAS
MATTHEW A. RECTOR SR
122861
LICENSED PROFESSIONAL ENGINEER

REGISTERED LANDSCAPE ARCHITECT
DAVID J. CAZARES
1871
STATE OF TEXAS
07/07/2020

mwm DesignGroup
305 East Huntland Drive
Suite 200
Austin, Texas 78752
p: 512.453.0767
f: 512.453.1734
TBAE FIRM REGISTRATION NO.: 1452
TBPE FIRM REGISTRATION NO.: F-1416
TBPLS FIRM REGISTRATION NO.: 10065600

NO.	DATE	DESCRIPTION	BY

0 1"
The bar above measures one inch on the original drawing. Adjust scales accordingly.

COVER SHEET

Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

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1 OF 26

Files: Y:\863-01_WH_Athletic_Club\CAD\Sheets\000 Cover.dwg 22x34

CONTRACTOR NOTES:

1. THE INFORMATION SHOWN ON THESE DRAWINGS INDICATING TYPE AND LOCATION OF UNDERGROUND, SURFACE, AND AERIAL UTILITIES IS NOT GUARANTEED TO BE EXACT OR COMPLETE. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT TYPE AND LOCATION OF ALL UTILITIES AFFECTED BY CONSTRUCTION FOR THIS PROJECT IN ORDER TO AVOID DAMAGING THOSE UTILITIES. THE CONTRACTOR SHALL A) IMMEDIATELY ARRANGE FOR REPAIR AND RESTORATION OF CONTRACTOR-DAMAGED UTILITIES, AND B) PAY FOR SAME AT NO EXTRA COST TO THE OWNER.

2. THE BIDDER (CONTRACTOR AFTER AWARD) SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY UNREPORTED OBSTACLES OR DISCREPANCIES THAT MAY IMPEDE OR PREVENT THE PROPER CONSTRUCTION OF THIS PROJECT.

3. WHERE REMOVAL OF BASE AND PAVEMENT IS NECESSARY FOR THIS PROJECT ALL BASE AND PAVEMENT SHALL BE REPLACED IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS AND COA STANDARD SPECIFICATIONS. ALL PAVEMENT CUTS SHALL BE SAW CUT PRIOR TO PLACEMENT OF H.M.A.C. AND COORDINATED WITH COA AND CITY INSPECTORS.

4. SLOPES OF ROADWAY CUTS AND EMBANKMENTS DAMAGED BY ANY OPERATION OF THE CONTRACTOR DURING THE EXECUTION OF THIS PROJECT SHALL BE REPAIRED AND RESTORED TO THE ORIGINAL PRE-CONSTRUCTION CONDITION IN ACCORDANCE WITH ALL APPLICABLE PROVISIONS OF THE STANDARD SPECIFICATIONS. BACK FILL AND FILL PLACED DURING REMEDIAL GRADING SHALL BE COMPACTED TO A DENSITY EQUAL TO OR GREATER THAN THAT OF THE ORIGINAL CONDITIONS AND TO THE SATISFACTION OF THE ENGINEER AND GOVERNING AUTHORITIES.

5. BEFORE DISCONNECTING ANY WATER LINE OR GAS LINE, CONTRACTOR MUST PROVIDE FORTY-EIGHT (48) HOUR NOTICE TO THE OWNER EXCEPT IN THE CASE OF A BONA FIDE EMERGENCY.

6. CONTRACTOR SHALL COMPLY WITH CONSTRUCTION SEQUENCING WHICH IS SPECIFIED ON THIS SHEET.

7. ALL CONSTRUCTION SHALL FOLLOW THE LATEST VERSIONS OF THE CITY OF ROLLINGWOOD STANDARD DETAILS AND SPECIFICATIONS, UNLESS NOTED OTHERWISE.

8. UPON REQUEST, COMPUTER AIDED DESIGN (CAD) FILES CAN BE MADE AVAILABLE TO THE CONTRACTOR FOR THE PURPOSES OF CONSTRUCTION STAKING.

9. CONTRACTOR TO PROVIDE A 24-HOUR (MINIMUM) NOTICE TO ENGINEER PRIOR TO ALL UTILITY INSTALLATION TO ALLOW FOR VISUAL OBSERVATION OF TRENCH EXCAVATION, BEDDING, PIPE MATERIAL, AND BACKFILL.

PAVEMENT:

1. CONCRETE PAVEMENT SHALL BE FURNISHED AND INSTALLED IN COMPLIANCE WITH ITEM 360 OF THE CITY OF ROLLINGWOOD STANDARD SPECIFICATIONS.

2. CONTRACTOR SHALL PROVIDE A 24-HOUR (MINIMUM) NOTICE TO ENGINEER PRIOR TO ALL CONCRETE POURS TO ALLOW FOR VISUAL OBSERVATION OF FORMWORK AND REBAR PLACEMENT.

EXCAVATION AND BACKFILL:

1. ALL EXCAVATION FOR THIS PROJECT SHALL BE UNCLASSIFIED.

2. CONTRACTOR/REPAIR CREW MUST NOTIFY INSPECTOR AT LEAST TWENTY FOUR (24) HOURS PRIOR TO BEGINNING PERMANENT BACK FILL OPERATIONS.

3. BACKFILL DENSITY SHALL BE AS SPECIFIED IN ITEM 510 OF THE COA STANDARD SPECIFICATIONS. TEST METHODS SHALL BE AS SPECIFIED IN THE CITY STANDARD SPECIFICATIONS UNLESS INDICATED OTHERWISE IN WRITING BY THE ENGINEER.

4. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS.

HANDICAP ACCESSBILITY:

1. ACCESSIBLE ROUTES MUST HAVE A RUNNING-SLOPE NO GREATER THAN 5% UNLESS DESIGNED AS A RAMP.

2. ACCESSIBLE ROUTES MUST HAVE A CROSS-SLOPE NO GREATER THAN 2%.

3. THE MAXIMUM RUNNING SLOPE OF A RAMP IN NEW CONSTRUCTION IS 8.33%.

4. TAS AND ADA CRITERIA SHALL GOVERN.

SAFETY:

1. CONTRACTOR SHALL MAINTAIN THE JOB SITE IN A SAFE, NEAT AND WORKMANLIKE MANNER AT ALL TIMES. JOB SITE SAFETY SHALL NOT BE COMPROMISED. ANY UNATTRACTIVE NUISANCE SHALL BE REMOVED OR CAMOUFLAGED BY CONTRACTOR WHEN DIRECTED BY THE OWNER OR ENGINEER.

2. ALL HOLES, TRENCHES, AND OTHER HAZARDOUS AREAS SHALL BE ADEQUATELY PROTECTED BY BARRICADES, FENCING, LIGHTS, AND/OR OTHER PROTECTIVE DEVICES AT ALL TIMES.

3. REMOVAL OF EXCAVATED MATERIALS AND DAILY CLEANUP OPERATIONS SHALL BE PERFORMED TO THE SPECIFICATIONS AND TO THE SATISFACTION OF THE OWNER AND ENGINEER.

4. CONTRACTOR SHALL MAINTAIN A SUPERINTENDENT UPON THE PROJECT AT ALL TIMES WORK IS IN PROGRESS.

TRAFFIC CONTROL NOTES:

1. THE CONTRACTOR SHALL MAINTAIN CLEAR PASSAGE FOR LOCAL TRAFFIC AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

2. ALL TRAFFIC CONTROL DEVICES, SIGNS, BARRICADES, WARNING SIGNS, AND FLAG MEN OPERATIONS SHALL BE PLACED, CONSTRUCTED, EXECUTED AND MAINTAINED IN ACCORDANCE WITH THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD).

3. WHERE PORTABLE SIGNS REQUIRE THE USE OF WEIGHTS, SANDBAGS SHALL BE USED. THE USE OF SOLID OBJECTS SUCH AS CONCRETE, ROCKS, IRON, ETC. SHALL NOT BE PERMITTED.

4. INSTALLATION OF CONSTRUCTION BARRICADING AND SIGNING SHALL BE COORDINATED THROUGH THE CITY OF ROLLINGWOOD RIGHT OF WAY MANAGEMENT AT (512) 974-1150 (OR APPLICABLE REGULATORY ENTITY).

5. ALL TRAFFIC CONTROL SIGNS SHALL REMAIN IN PLACE UNLESS OTHERWISE SHOWN ON THE PLANS. IF SIGNS REQUIRE RELOCATION, CONTRACTOR SHALL CONTACT THE APPLICABLE REGULATORY ENTITY.

6. CONTRACTOR MUST RESTORE ALL PAVEMENT MARKINGS DISTURBED DURING CONSTRUCTION. CONTRACTOR SHALL OBSERVE ALL APPLICABLE MATERIALS, SPECIFICATIONS, AND INSTALLATION REQUIREMENTS INCLUDING SPECIAL ATTENTION TO MAINTAINING PROPER DIMENSIONS AND ALIGNMENT.

TRENCH SAFETY:

1. IN ACCORDANCE WITH THE LAWS OF THE STATE OF TEXAS AND THE U.S. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS, ALL TRENCHES OVER 5 FEET IN DEPTH IN EITHER HARD AND COMPACT OR SOFT AND UNSTABLE SOIL SHALL BE SLOPED, SHORED, SHEETED, BRACED OR OTHERWISE SUPPORTED. FURTHERMORE, ALL TRENCHES LESS THAN 5 FEET IN DEPTH SHALL ALSO BE EFFECTIVELY PROTECTED WHEN HAZARDOUS GROUND MOVEMENT MAY BE EXPECTED.

2. IN ACCORDANCE WITH THE U.S. OSHA REGULATIONS, WHEN EMPLOYEES ARE REQUIRED TO BE IN TRENCHES 4 FOOT DEEP OR MORE, ADEQUATE MEANS OF EXIT, SUCH AS A LADDER OR STEPS, MUST BE PROVIDED AND LOCATED SO AS TO REQUIRE NO MORE THAN 25 FEET OF LATERAL TRAVEL.

ORDINANCE REQUIREMENTS

1. ALL IMPROVEMENTS SHALL BE MADE IN ACCORDANCE WITH THE RELEASED SITE PLAN. ANY ADDITIONAL IMPROVEMENTS WILL REQUIRE A SITE PLAN AMENDMENT AND APPROVAL FROM THE DEVELOPMENT SERVICES DEPARTMENT.
2. APPROVAL OF THIS SITE PLAN DOES NOT INCLUDE BUILDING CODE APPROVAL; FIRE CODE APPROVAL; OR BUILDING, DEMOLITION, OR RELOCATION PERMITS APPROVAL. A CITY DEMOLITION OR RELOCATION PERMIT CAN ONLY BE ISSUED ONCE THE HISTORIC REVIEW PROCESS IS COMPLETED.
3. ALL SIGNS MUST COMPLY WITH THE REQUIREMENTS OF THE LAND DEVELOPMENT CODE.
4. THE OWNER IS RESPONSIBLE FOR ALL COSTS OF RELOCATION OF, OR DAMAGE TO, UTILITIES.
5. ADDITIONAL ELECTRIC EASEMENTS MAY BE REQUIRED AT A LATER DATE.
6. A SITE DEVELOPMENT PERMIT MUST BE ISSUED PRIOR TO AN APPLICATION FOR BUILDING PERMIT FOR NONCONSOLIDATED OR LAND USE COMMISSION APPROVED SITE PLANS.
7. WATER AND WASTEWATER SERVICE WILL BE PROVIDED BY THE CITY OF ROLLINGWOOD.
8. NO CERTIFICATE OF OCCUPANCY MAY BE ISSUED FOR THE PROPOSED RESIDENTIAL CONDOMINIUM PROJECT UNTIL THE OWNER OR OWNERS OF THE PROPERTY HAVE COMPLIED WITH CHAPTER 81 AND 82 OF THE PROPERTY CODE OF THE STATE OF TEXAS OR ANY OTHER STATUTES ENACTED BY THE STATE CONCERNING CONDOMINIUMS.
9. FOR CONSTRUCTION WITHIN THE RIGHT-OF-WAY, A R.O.W. EXCAVATION PERMIT IS REQUIRED.

COMPATIBILITY

1. HIGHLY REFLECTIVE MATERIALS WILL NOT BE USED. MATERIALS MAY NOT EXCEED 20% REFLECTIVITY. THIS REQUIREMENT SHALL NOT APPLY TO SOLAR PANELS OR TO COPPER OR PAINTED METAL ROOFS.
2. THE NOISE LEVEL OF MECHANICAL EQUIPMENT WILL NOT EXCEED 70 D.B.A. AT THE PROPERTY LINE ADJACENT TO RESIDENTIAL USES.
3. ALL EXTERIOR LIGHTING SHALL BE HOODED OR SHIELDED FROM THE VIEW OF ADJACENT RESIDENTIAL USES, OR PROPERTY ZONED RESIDENTIAL.
4. EXTERIOR LIGHTING ABOVE THE SECOND FLOOR IS PROHIBITED WHEN ADJACENT TO RESIDENTIAL PROPERTY.
5. ALL DUMPSTERS AND ANY PERMANENTLY PLACED REFUSE RECEPTACLES WILL BE LOCATED AT A MINIMUM OF TWENTY (20) FEET FROM A PROPERTY USED OR ZONED AS SF-5 OR MORE RESTRICTIVE.

FIRE DEPARTMENT

1. THE ROLLINGWOOD FIRE DEPARTMENT REQUIRES ASPHALT OR CONCRETE PAVEMENT PRIOR TO CONSTRUCTION AS AN "ALL-WEATHER DRIVING SURFACE."
2. HYDRANTS MUST BE INSTALLED WITH THE CENTER OF THE FOUR-INCH OPENING AT LEAST 18 INCHES ABOVE FINISHED GRADE. THE FOUR-INCH OPENING MUST FACE THE DRIVEWAY OR STREET WITH THREE- TO SIX-FOOT SETBACKS FROM THE CURBLINE(S). NO OBSTRUCTION IS ALLOWED WITHIN THREE FEET OF ANY HYDRANT AND THE FOUR-INCH OPENING MUST BE TOTALLY UNOBSTRUCTED FROM THE STREET.
3. TIMING OF INSTALLATION: WHEN FIRE PROTECTION FACILITIES ARE INSTALLED BY THE DEVELOPER, SUCH FACILITIES SHALL INCLUDE ALL SURFACE ACCESS ROADS WHICH SHALL BE INSTALLED AND MADE SERVICEABLE PRIOR TO AND DURING THE TIME OF CONSTRUCTION. WHERE ALTERNATIVE METHODS OF PROTECTION, AS APPROVED BY THE FIRE CHIEF, ARE PROVIDED, THE ABOVE MAY BE MODIFIED OR WAIVED.
4. ALL PERVIOUS/DECORATIVE PAVING SHALL BE ENGINEERED AND INSTALLED FOR 80,000 LB. LIVE-VEHICLE LOADS. ANY PERVIOUS/DECORATIVE PAVING WITHIN 100 FEET OF ANY BUILDING MUST BE APPROVED BY THE FIRE DEPARTMENT.
5. COMMERCIAL DUMPSTERS AND CONTAINERS WITH AN INDIVIDUAL CAPACITY OF 1.5 CUBIC YARDS OR GREATER SHALL NOT BE STORED OR PLACED WITHIN TEN FEET OF OPENINGS, COMBUSTIBLE WALLS, OR COMBUSTIBLE EAVE LINES. CITY OF ROLLINGWOOD | CONSOLIDATED SITE PLAN APPLICATION INSTRUCTIONS REV 7/19/2016 | PAGE 30 OF 38
6. FIRE LANES DESIGNATED ON SITE PLAN SHALL BE REGISTERED WITH CITY OF ROLLINGWOOD FIRE MARSHAL'S OFFICE AND INSPECTED FOR FINAL APPROVAL.
7. VERTICAL CLEARANCE REQUIRED FOR FIRE APPARATUS IS 14 FEET FOR FULL WIDTH OF ACCESS DRIVE.

GENERAL CONSTRUCTION NOTES:

1. ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF ROLLINGWOOD MUST RELY ON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

2. CONTRACTOR SHALL CALL TEXAS 811 (811 OR 1-800-344-8377) FOR UTILITY LOCATIONS PRIOR TO ANY WORK IN CITY EASEMENTS OR STREET R.O.W.

3. CONTRACTOR SHALL NOTIFY THE CITY OF ROLLINGWOOD TO SUBMIT REQUIRED DOCUMENTATION, PAY CONSTRUCTION INSPECTION FEES, AND TO SCHEDULE THE REQUIRED SITE AND SUBDIVISION PRE-CONSTRUCTION MEETING. THIS MEETING MUST BE HELD PRIOR TO ANY CONSTRUCTION ACTIVITIES WITHIN THE R.O.W. OR PUBLIC EASEMENTS. PLEASE VISIT HTTP://AUSTINTEXAS.GOV/PAGE/COMMERCIAL-SITE-AND-SUBDIVISION-INSPECTIONS FOR A LIST OF SUBMITTAL REQUIREMENTS, INFORMATION CONCERNING FEES, AND CONTACT INFORMATION.

4. FOR SLOPES OR TRENCHES GREATER THAN FIVE FEET IN DEPTH, A NOTE MUST BE ADDED STATING: "ALL CONSTRUCTION OPERATIONS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH APPLICABLE REGULATIONS OF THE U.S. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION." (OSHA STANDARDS MAY BE PURCHASED FROM THE GOVERNMENT PRINTING OFFICE; INFORMATION AND RELATED REFERENCE MATERIALS MAY BE PURCHASED FROM OSHA, 611 EAST 6TH STREET, ROLLINGWOOD TEXAS.)

5. ALL SITE WORK MUST ALSO COMPLY WITH ENVIRONMENTAL REQUIREMENTS.

6. UPON COMPLETION OF THE PROPOSED SITE IMPROVEMENTS AND PRIOR TO THE FOLLOWING, THE ENGINEER SHALL CERTIFY IN WRITING THAT THE PROPOSED DRAINAGE, FILTRATION AND DETENTION FACILITIES WERE CONSTRUCTED IN CONFORMANCE WITH THE APPROVED PLANS; RELEASE OF THE CERTIFICATE OF OCCUPANCY BY THE DEVELOPMENT SERVICES DEPARTMENT (INSIDE THE CITY LIMITS); OR INSTALLATION OF AN ELECTRIC OR WATER METER (IN THE FIVE-MILE ETJ)

DEVELOPER INFORMATION

WESTERN HILLS ATHLETIC CLUB — (512) 327-6373
OWNER — PHONE #

4801 ROLLINGWOOD DR, AUSTIN, TX 78746
OWNER ADDRESS

CATHERINE SCOTT — (512) 327-6373
OWNER'S REPRESENTATIVE RESPONSIBLE FOR PLAN ALTERATIONS — PHONE #

JOSH MCKAY — (512) 426-1483
PERSON OR FIRM RESPONSIBLE FOR EROSION/SEDIMENTATION CONTROL MAINTENANCE — PHONE #

JOSH MCKAY — (512) 426-1483
PERSON OR FIRM RESPONSIBLE FOR TREE/NATURAL AREA PROTECTION MAINTENANCE — PHONE #

AMERICANS WITH DISABILITIES ACT

THE CITY OF ROLLINGWOOD HAS REVIEWED THIS PLAN FOR COMPLIANCE WITH CITY DEVELOPMENT REGULATIONS ONLY. THE APPLICANT, PROPERTY OWNER, AND OCCUPANT OF THE PREMISES ARE RESPONSIBLE FOR DETERMINING WHETHER THE PLAN COMPLIES WITH ALL OTHER LAWS, REGULATIONS, AND RESTRICTIONS WHICH MAY BE APPLICABLE TO THE PROPERTY AND ITS USE.

BENCHMARK INFORMATION

COORDINATE BASIS: GRID AZIMUTH FOR TEXAS CENTRAL ZONE STATE PLANE COORDINATES, BASED ON GPS SOLUTIONS FROM THE NATIONAL GEODETIC SURVEY (NGS) ON-LINE POSITIONING USER SERVICE (OPUS).

BENCHMARKS:

B.M. #1 – SQUARE CUT ON B.O.C., NORTH SIDE OF ROLLINGWOOD DR.
+/-105 FEET WEST OF WALLIS DR.
ELEV.=628.77'

B.M. #3 – SQUARE CUT ON B.O.C. ON THE WEST SIDE OF WALLIS DR.
+/-190 FEET NORTH OF ROLLINGWOOD DR.
ELEV.=631.07'

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
WATER POLLUTION ABATEMENT PLAN
GENERAL CONSTRUCTION NOTES:

1. A WRITTEN NOTICE OF CONSTRUCTION MUST BE SUBMITTED TO THE TCEQ REGIONAL OFFICE AT LEAST 48 HOURS PRIOR TO THE START OF ANY REGULATED ACTIVITIES. THIS NOTICE MUST INCLUDE:
   - THE NAME OF THE APPROVED PROJECT;
   - THE ACTIVITY START DATE; AND
   - THE CONTACT INFORMATION OF THE PRIME CONTRACTOR.

2. ALL CONTRACTORS CONDUCTING REGULATED ACTIVITIES ASSOCIATED WITH THIS PROJECT MUST BE PROVIDED WITH COMPLETE COPIES OF THE APPROVED WATER POLLUTION ABATEMENT PLAN (WPAP) AND THE TCEQ LETTER INDICATING THE SPECIFIC CONDITIONS OF ITS APPROVAL. DURING THE COURSE OF THESE REGULATED ACTIVITIES, THE CONTRACTORS ARE REQUIRED TO KEEP ON-SITE COPIES OF THE APPROVED PLAN AND APPROVAL LETTER.

3. IF ANY SENSITIVE FEATURE(S) (CAVES, SOLUTION CAVITY, SINK HOLE, ETC.) IS DISCOVERED DURING CONSTRUCTION, ALL REGULATED ACTIVITIES NEAR THE SENSITIVE FEATURE MUST BE SUSPENDED IMMEDIATELY. THE APPROPRIATE TCEQ REGIONAL OFFICE MUST BE IMMEDIATELY NOTIFIED OF ANY SENSITIVE FEATURES ENCOUNTERED DURING CONSTRUCTION. CONSTRUCTION ACTIVITIES MAY NOT BE RESUMED UNTIL THE TCEQ HAS REVIEWED AND APPROVED THE APPROPRIATE PROTECTIVE MEASURES IN ORDER TO PROTECT ANY SENSITIVE FEATURE AND THE EDWARDS AQUIFER FROM POTENTIALLY ADVERSE IMPACTS TO WATER QUALITY.

4. NO TEMPORARY OR PERMANENT HAZARDOUS SUBSTANCE STORAGE TANK SHALL BE INSTALLED WITHIN 150 FEET OF A WATER SUPPLY SOURCE, DISTRIBUTION SYSTEM, WELL, OR SENSITIVE FEATURE.

5. PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITY, ALL TEMPORARY EROSION AND SEDIMENTATION (E&S) CONTROL MEASURES MUST BE PROPERLY INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE APPROVED PLANS AND MANUFACTURERS SPECIFICATIONS. IF INSPECTIONS INDICATE A CONTROL HAS BEEN USED INAPPROPRIATELY, OR INCORRECTLY, THE APPLICANT MUST REPLACE OR MODIFY THE CONTROL FOR SITE SITUATIONS. THESE CONTROLS MUST REMAIN IN PLACE UNTIL THE DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED.

6. ANY SEDIMENT THAT ESCAPES THE CONSTRUCTION SITE MUST BE COLLECTED AND PROPERLY DISPOSED OF BEFORE THE NEXT RAIN EVENT TO ENSURE IT IS NOT WASHED INTO SURFACE STREAMS, SENSITIVE FEATURES, ETC.

7. SEDIMENT MUST BE REMOVED FROM THE SEDIMENT TRAPS OR SEDIMENTATION BASINS NOT LATER THAN WHEN IT OCCUPIES 50% OF THE BASIN'S DESIGN CAPACITY.

8. LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION CHEMICALS EXPOSED TO STORMWATER SHALL BE PREVENTED FROM BEING DISCHARGED OFFSITE.

9. ALL SPOILS (EXCAVATED MATERIAL) GENERATED FROM THE PROJECT SITE MUST BE STORED ON-SITE WITH PROPER E&S CONTROLS. FOR STORAGE OR DISPOSAL OF SPOILS AT ANOTHER SITE ON THE EDWARDS AQUIFER RECHARGE ZONE, THE OWNER OF THE SITE MUST RECEIVE APPROVAL OF A WATER POLLUTION ABATEMENT PLAN FOR THE PLACEMENT OF FILL MATERIAL OR MASS GRADING PRIOR TO THE PLACEMENT OF SPOILS AT THE OTHER SITE.

10. IF PORTIONS OF THE SITE WILL HAVE A TEMPORARY OR PERMANENT CEASE IN CONSTRUCTION ACTIVITY LASTING LONGER THAN 14 DAYS, SOIL STABILIZATION IN THOSE AREAS SHALL BE INITIATED AS SOON AS POSSIBLE PRIOR TO THE 14TH DAY OF INACTIVITY. IF ACTIVITY WILL RESUME PRIOR TO THE 21ST DAY, STABILIZATION MEASURES ARE NOT REQUIRED. IF DROUGHT CONDITIONS OR INCLEMENT WEATHER PREVENT ACTION BY THE 14TH DAY, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS POSSIBLE.

11. THE FOLLOWING RECORDS SHALL BE MAINTAINED AND MADE AVAILABLE TO THE TCEQ UPON REQUEST:
   - THE DATES WHEN MAJOR GRADING ACTIVITIES OCCUR;
   - THE DATES WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON A PORTION OF THE SITE; AND
   - THE DATES WHEN STABILIZATION MEASURES ARE INITIATED.

12. THE HOLDER OF ANY APPROVED EDWARD AQUIFER PROTECTION PLAN MUST NOTIFY THE APPROPRIATE REGIONAL OFFICE IN WRITING AND OBTAIN APPROVAL FROM THE EXECUTIVE DIRECTOR PRIOR TO INITIATING ANY OF THE FOLLOWING:
   A. ANY PHYSICAL OR OPERATIONAL MODIFICATION OF ANY WATER POLLUTION ABATEMENT STRUCTURE(S), INCLUDING BUT NOT LIMITED TO PONDS, DAMS, BERMS, SEWAGE TREATMENT PLANTS, AND DIVERSIONARY STRUCTURES;
   B. ANY CHANGE IN THE NATURE OR CHARACTER OF THE REGULATED ACTIVITY FROM THAT WHICH WAS ORIGINALLY APPROVED OR A CHANGE WHICH WOULD SIGNIFICANTLY IMPACT THE ABILITY OF THE PLAN TO PREVENT POLLUTION OF THE EDWARDS AQUIFER;
   C. ANY DEVELOPMENT OF LAND PREVIOUSLY IDENTIFIED AS UNDEVELOPED IN THE ORIGINAL WATER POLLUTION ABATEMENT PLAN.

AUSTIN REGIONAL OFFICE
12100 PARK 35 CIRCLE, BUILDING A
AUSTIN, TEXAS 78753-1808
PHONE (512) 339-2929
FAX (512) 339-3795

SAN ANTONIO REGIONAL OFFICE
14250 JUDSON ROAD
SAN ANTONIO, TEXAS 78233-4480
PHONE (210) 490-3096
FAX (210) 545-4329

07/07/2020

STATE OF TEXAS
MATTHEW A. RECTOR SR.
122861
LICENSED PROFESSIONAL ENGINEER

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NO.	DATE	DESCRIPTION	BY

0 1"
The bar above measures one inch on the original drawing. Adjust scales accordingly.

GENERAL NOTES

Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

001

2 OF 26

File: Y:\863-01_WH_Athletic_Club\CAD\Sheets\001 Notes.dwg 22x34

LOCATION MAP
NOT TO SCALE

N

SCALE: 1" = 30'
GRAPHIC SCALE
30 15 0 30

A SURVEY OF ALL OF LOT 1, WESTERN HILLS ATHLETIC CLUB ADDITION, A SUBDIVISION OF RECORD IN TRAVIS COUNTY, TEXAS ACCORDING TO THE MAP OR PLAT THEREOF RECORDED IN VOLUME 79, PAGE 355 OF THE THE PLAT RECORDS OF TRAVIS COUNTY, TEXAS, SAVE AND EXCEPT A 2,411 SQUARE FEET TRACT DESCRIBED IN VOLUME 11901, PAGE 1260 OF THE REAL PROPERTY RECORDS OF TRAVIS COUNTY, TEXAS.

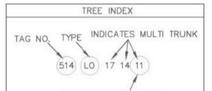
TREE LIST

16901 HB 7 4	20027 CE 8	20055 LO 8 7	20082 LO 21	20118 CDR 7	20144 LO 10 9
16902 CE 6 4	20028 CE 9	20056 CDR 13	20083 LO 17	20119 CDR 7	20145 LO 13
16903 LO 9	20029 CB 14	20057 LO 16 12	20084 LO 12	20120 CDR 9	20146 CDR 10
16904 LO 7	20030 CB 14	20058 CDR 14	20086 LO 12	20121 LO 7	20147 LO 6
16905 LO 9	20032 HB 13	20059 LO 13	20088 LO 14	20122 CDR 6	20148 LO 18 13
16906 LO 8	20033 CB 9	20060 CDR 7	20089 LO 11	20123 CDR 8	20149 CE 10 5
16907 CE 7 4	20034 CB 11 7 5	20061 CE 6	20090 LO 16	20124 CDR 6	20150 CE 14
16908 LO 13	20035 CB 7	20062 CDR 8	20093 LO 18	20125 LO 13	20151 CB 10
16909 LO 7	20036 CB 8	20063 LO 17	20094 LO 12	20126 LO 9	20152 CB 13
16910 CB 9	20038 CB 15	20064 CDR 10	20095 LO 10	20127 LO 8	20155 LIG 9 6 6
16911 CB 7	20039 CDR 10	20065 PO 19 16	20096 LO 11	20128 CDR 6	20158 CB 8
16912 LIG 8 6	20040 CE 8	20066 CDR 8	20097 LO 9	20129 CDR 12	20159 CB 20
16913 BE 8	20041 CE 13	20067 LO 7	20098 LO 12	20130 CDR 7	20160 CE 10
16914 BE 6	20042 CE 12	20068 LO 10	20099 LO 15	20131 CDR 7	20161 CE 9 8
16915 BE 6	20043 CE 10 8	20069 LO 11 8	20100 LO 12	20132 CDR 7	20162 LO 20
16916 WLNT 7	20044 LO 10	20070 CDR 7	20101 LO 13	20133 CE 9	20163 CE 11
16917 WLNT 6	20045 LO 8	20071 CE 6	20102 LO 19 17	20134 CE 10	20164 LO 22
16918 WLNT 6	20046 LO 13	20072 CB 7	20103 LO 20	20135 LO 13 10	20165 LO 22
20016 LO 23 21 19 19	20047 LO 12	20074 LO 15	20105 CE 15	20136 HB 6	20166 LO 21
20017 CE 18	20048 LO 13	20075 LO 18	20106 LO 10	20137 CDR 6	20167 LO 18
20018 LO 20	20049 HB 8	20076 LO 15	20107 LO 12	20138 CE 8	20168 LO 24
20021 LO 19	20050 CE 10	20077 LO 17	20108 LO 7	20139 CDR 8	20169 LO 19
20023 PEC 17	20051 LO 11	20078 LO 17	20109 LO 12	20140 HB 9	20170 CE 17
20024 LO 18	20052 LO 12	20079 LO 19	20114 CE 9	20141 PEC 11	20171 LO 19 19
20025 LO 13	20053 LO 10	20080 LO 18	20116 CDR 10	20142 PEC 10	20173 CE 14
20026 LO 8 5	20054 LO 17 16	20081 LO 11	20117 LO 9	20143 CDR 6	

TREE LEGEND

BE –	BOX ELDER	LIG –	LIGUSTRUM
CB –	CHINA BERRY	LO –	LIVE OAK
CDR –	CEDAR	PEC –	PECAN
CE –	CEDAR ELM	WLNT –	WALNUT
HB –	HACKBERRY		

TREE INDEX



CRITICAL ROOT ZONES (TREE CIRCLES) ARE SHOWN USING THE COA FORMULA FOR SINGLE AND MULTI TRUNK TREES.

BENCHMARK NOTE:

B.M. #1 – SQUARE CUT ON B.O.C., NORTH SIDE OF ROLLINGWOOD DR. +/–105 FEET WEST OF WALLIS DR.
ELEV.=628.77'

B.M. #3 – SQUARE CUT ON B.O.C. ON THE WEST SIDE OF WALLIS DR. +/–190 FEET NORTH OF ROLLINGWOOD DR.
ELEV.=631.07'

MANHOLE AND INLET NOTE:

THIS SURVEY SHOWS FIELD MEASURED SIZES AND DEPTHS AS OBSERVED FROM GROUND LEVEL OPENINGS. EXACT MEASUREMENTS AND DEPTHS, PARTICULARLY IN CRITICAL AREAS, SHOULD BE VERIFIED WITH UTILITY RECORD MAPS AND/OR FIELD VERIFICATION PRIOR TO FINAL PLANNING OR CONSTRUCTION.

LEGEND

- ● 1/2" REBAR FOUND
- △ CALCULATED POINT
- ⊙ 3/4" IRON PIPE FOUND
- ▲ NAIL FOUND
- ✳ COTTON SPINDLE FOUND
- BENCHMARK LOCATION
- Ⓦ WATER METER
- ⊗ WATER VALVE
- FIRE HYDRANT
- Ⓢ SPRINKLER CONTROL VALVE
- UTILITY POLE
- GUY WIRE
- —OU— OVERHEAD UTILITIES
- LIGHT POLE
- WASTEWATER CLEANOUT
- WWMH WASTEWATER MANHOLE
- SSMH STORMSEWER MANHOLE
- HANDICAP PARKING SPACE
- AC PAD
- G GAS UTILITY
- E ELECTRIC UTILITY
- SIGN
- EDGE OF PAVEMENT
- WROUGHT IRON FENCE
- —o— CHAIN LINK FENCE
- PUMP BOX
- PUMP

CURVE TABLE

NO.	DELTA	RADIUS	TAN	ARC	CHORD	BEARING	(RECORD CHORD)
C1	4°35'35"	315.81'	12.67'	25.32'	25.31'	S10°15'58"W	(S11°47'W 25.26')
C2	29°33'56"	122.57'	32.34'	63.25'	62.55'	S02°21'10"E	(S00°43'E 62.57')

FLOOD–PLAIN NOTE:

The tract shown hereon lies within Zone "X" (areas determined to be outside 500–year flood–plain), as identified by the Federal Emergency Management Agency, Federal Insurance Administration, as shown on map no. 48453C0445J, dated January 06, 2016, for Travis County, Texas and incorporated areas. If this site is not within an identified special flood hazard area, this flood statement does not imply that the property and/or the structures thereon will be free from flooding or flood damage. This flood statement shall not create liability on the part of the surveyor.

TITLE COMMITMENT NOTE:

This Survey was prepared without the benefit of a Commitment for Title, and may be subject to additional easements or restrictions not shown hereon. No additional easement research was done for the purpose of this survey.

NOTE FROM PREVIOUS SURVEY (9/26/07):

The Travis CAD map 01_0909 (01/04/2006) shows what appears to be additional R.O.W. for Rollingwood Drive and Wallis Drive. There was no monumented evidence in the field of a R.O.W. dedication along the north line of Rollingwood Drive. After researching Travis CAD and the Travis County Clerk records, we were not able to locate any documents reflecting additional street frontage conveyed to the City of Rollingwood. Since no title research was provided by the client, there was not enough data to accurately determine the position of the intersection of the north R.O.W. of Rollingwood Drive and the west R.O.W. of Wallis Drive, so the position is represented on the map by a calculated point for the purposes of this survey.

SURVEYOR'S CERTIFICATE:

CERTIFIED TO:
Julie Martinez
Western Hills Athletic Club

PROPERTY ADDRESS: Rollingwood Drive @ Wallis Drive

DATE OF SURVEY: 09/26/07; Topographic and Tree Survey Udated 09/20/17, Updated 4/27/18

BEARING BASIS: Grid azimuth for Texas Central Zone state plane coordinates, based on GPS solutions from The National Geodetic Survey (NGS) On–line Positioning User Service (OPUS).

ATTACHMENTS: none

I hereby certify that a survey of the property shown hereon was actually made upon the ground under my direction and supervision on the date shown, and that to the best of my professional knowledge and belief: there are no apparent encroachments, overlapping of improvements, discrepancies, deed line conflicts, visible utility lines or roads in place, except as shown hereon, and that this property abuts or adjoins a dedicated road right–of–way or access easement, unless noted hereon.

Robert C. Watts, Jr. Date
Registered Professional Land Surveyor
State of Texas No. 4995

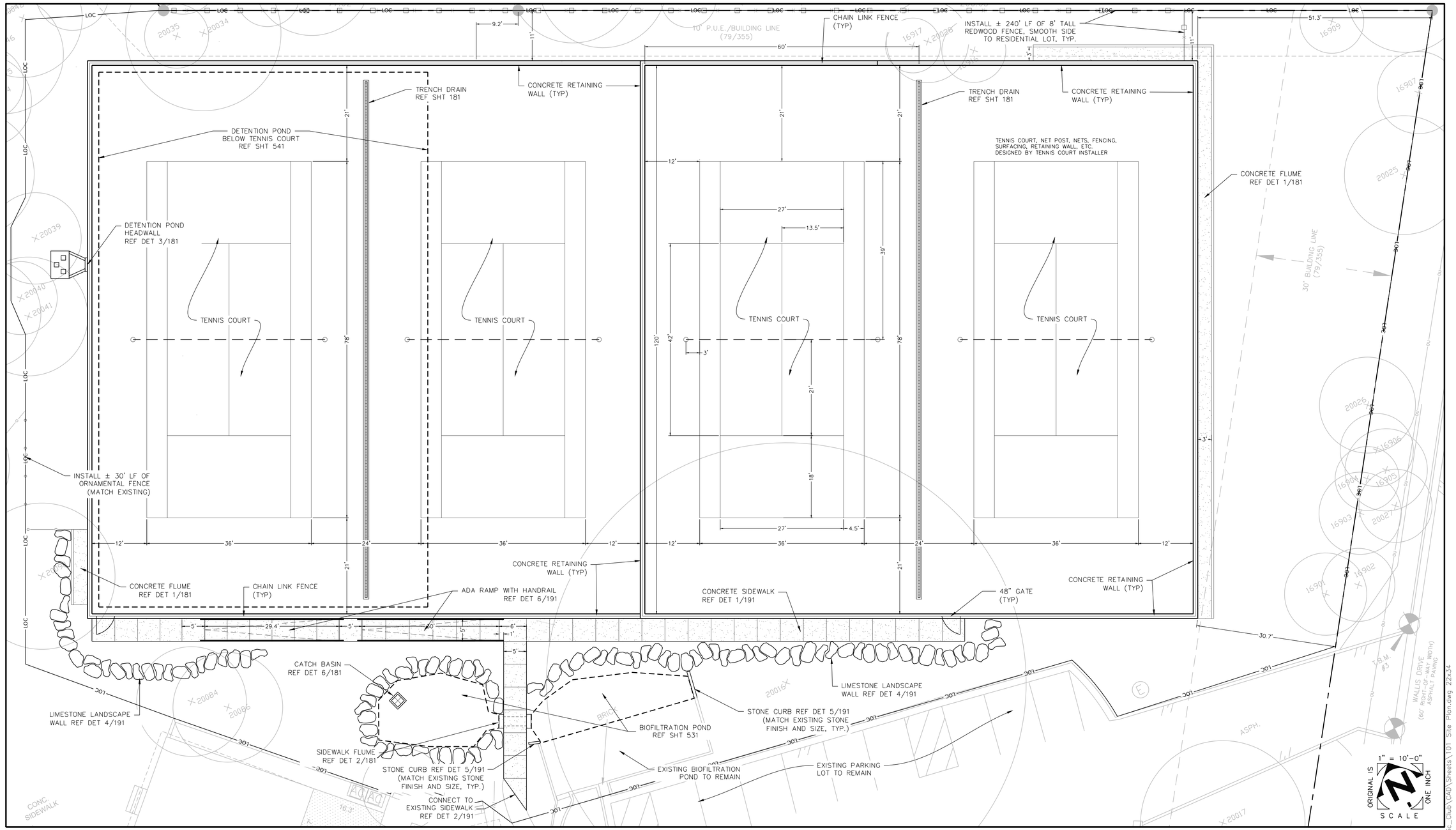
5.10.18

STATE OF TEXAS
REGISTERED
ROBERT C. WATTS, JR.
4995
PROFESSIONAL
LAND SURVEYOR

Robert C. Watts, Jr.
R.P.L.S. No. 4995

Chaparral
Professional Land Surveying, Inc.
Surveying and Mapping
3500 McCall Lane
Austin, Texas 78744
512–443–1724
Firm No. 10124500

PROJECT NO.: 585–001
DRAWING NO.: 585–001–BASE
PLOT DATE: 05/10/18
PLOT SCALE: 1"=30'
DRAWN BY: RGH/MAW/EBD
SHEET 01 OF 01



REGISTERED LANDSCAPE ARCHITECT
DAVID J. CAZARES
1871
STATE OF TEXAS
07/07/2020

mwm DesignGroup
305 East Huntland Drive
Suite 200
Austin, Texas 78752
p: 512.453.0767
f: 512.453.1734

TBAE FIRM REGISTRATION NO.: 1452
TBPE FIRM REGISTRATION NO.: F-1416
TBPLS FIRM REGISTRATION NO.: 10065600

NO.	DATE	DESCRIPTION	BY

0 1"
The bar above measures one inch on the original drawing. Adjust scales accordingly.

SITE PLAN

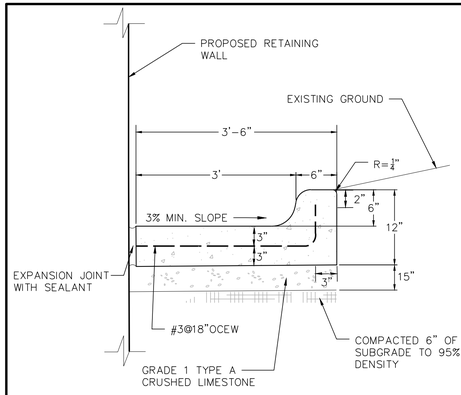
Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

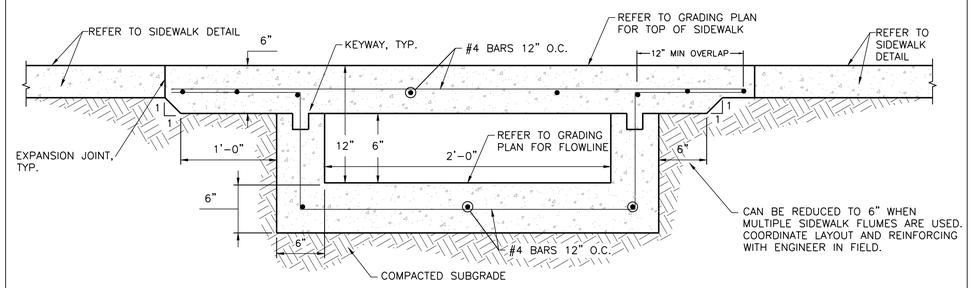
101

4 OF 26

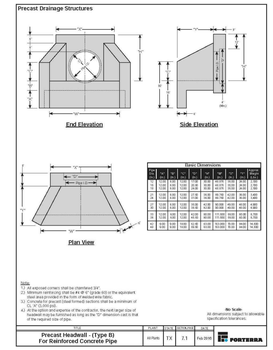
Files: Y:\863-01_WH_Athletic_Club\CAD\Sheets\101 Site Plan.dwg 22x34



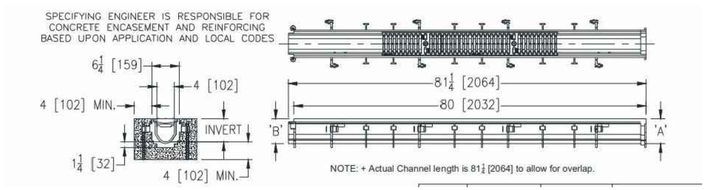
1 181 **CONCRETE FLUME**
SCALE: NTS



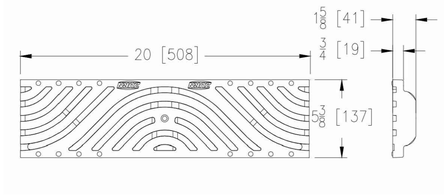
2 181 **SIDEWALK FLUME**
SCALE: NTS



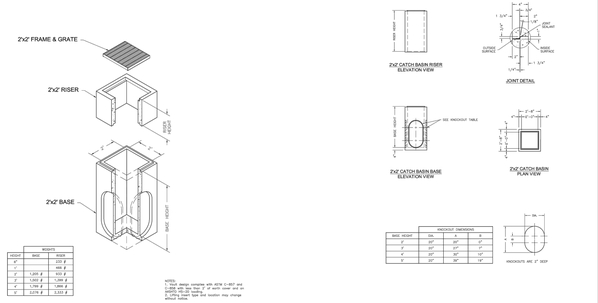
3 181 **HEAD WALL**
SCALE: NTS



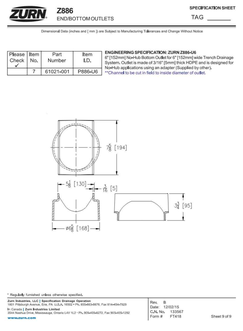
4 181 **TRENCH DRAIN**
SCALE: NTS



5 181 **DRAINAGE COVER**
SCALE: NTS



6 181 **2'x2' CATCH BASIN**
SCALE: NTS



7 181 **U6-BOTTOM OUTLET**
SCALE: NTS

07/07/2020

mwm Design Group
305 East Huntland Drive
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TBAE FIRM REGISTRATION NO.: 1452
TBPE FIRM REGISTRATION NO.: F-1416
TBPLS FIRM REGISTRATION NO.: 10065600

NO.	DATE	DESCRIPTION	BY

0 1"

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SITE DETAILS

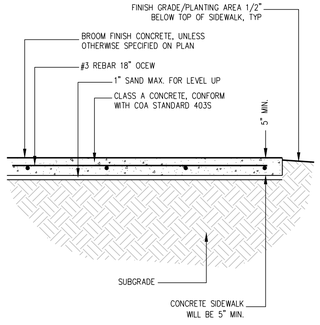
Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

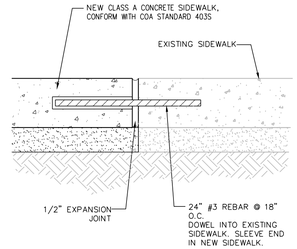
181

5 OF 26

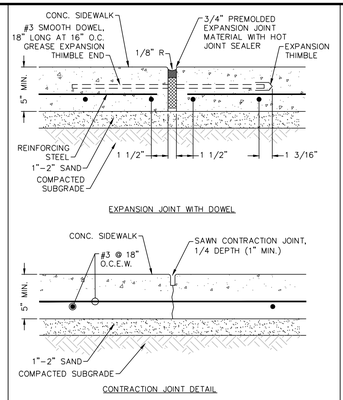
File: Y:\0863-01_WH_Athletic_Club\CAD\Sheets\181 Site Details.swg 22x34



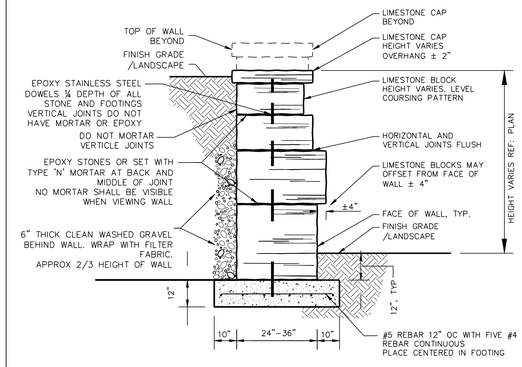
1 191 CONCRETE SIDEWALK
SCALE: NTS



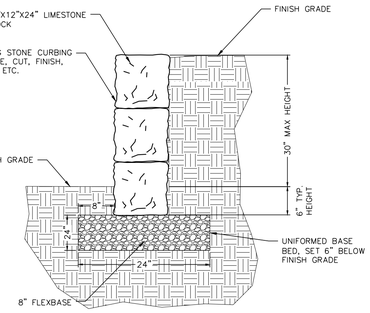
2 191 NEW SIDEWALK CONNECTION AT EXISTING SIDEWALK
SCALE: NTS



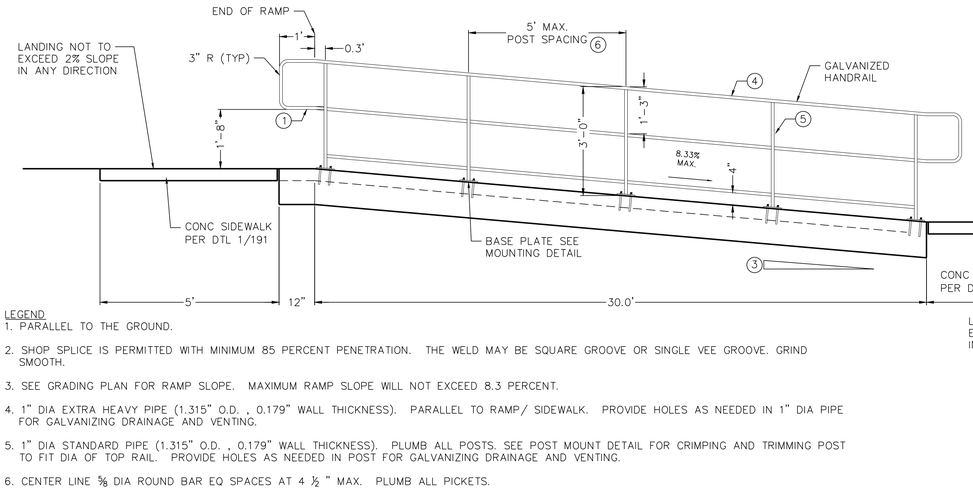
3 191 SIDEWALK JOINT
SCALE: NTS

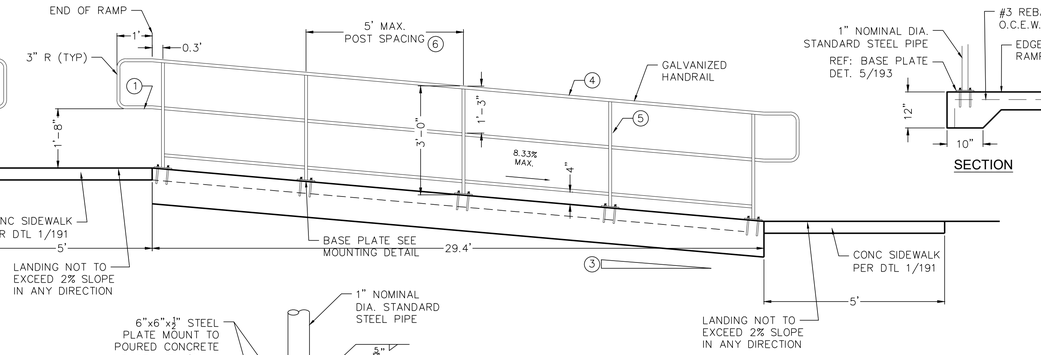


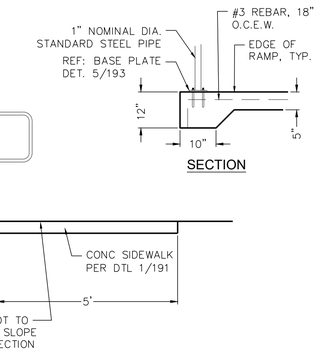
4 191 LIMESTONE LANDSCAPE WALL
SCALE: NTS



5 191 MORTARED STONE WALL
SCALE: NTS

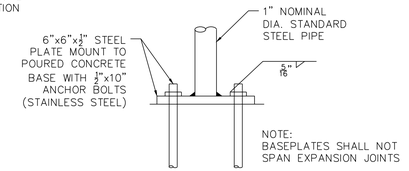






LEGEND

1. PARALLEL TO THE GROUND.
2. SHOP SPLICE IS PERMITTED WITH MINIMUM 85 PERCENT PENETRATION. THE WELD MAY BE SQUARE GROOVE OR SINGLE VEE GROOVE. GRIND SMOOTH.
3. SEE GRADING PLAN FOR RAMP SLOPE. MAXIMUM RAMP SLOPE WILL NOT EXCEED 8.3 PERCENT.
4. 1" DIA EXTRA HEAVY PIPE (1.315" O.D. , 0.179" WALL THICKNESS). PARALLEL TO RAMP/ SIDEWALK. PROVIDE HOLES AS NEEDED IN 1" DIA PIPE FOR GALVANIZING DRAINAGE AND VENTING.
5. 1" DIA STANDARD PIPE (1.315" O.D. , 0.179" WALL THICKNESS). PLUMB ALL POSTS. SEE POST MOUNT DETAIL FOR CRIMPING AND TRIMMING POST TO FIT DIA OF TOP RAIL. PROVIDE HOLES AS NEEDED IN POST FOR GALVANIZING DRAINAGE AND VENTING.
6. CENTER LINE ⅝ DIA ROUND BAR EQ SPACES AT 4 ½ " MAX. PLUMB ALL PICKETS.



BASE PLATE DETAIL

6 191 ADA RAMP WITH HANDRAIL
SCALE: NTS

REGISTERED LANDSCAPE ARCHITECT
DAVID J. CAZARES
7871
STATE OF TEXAS
07/07/2020

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TBAE FIRM REGISTRATION NO.: 1452
TBPE FIRM REGISTRATION NO.: F-1416
TBPLS FIRM REGISTRATION NO.: 10065600

NO.	DATE	DESCRIPTION	BY

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SITE DETAILS

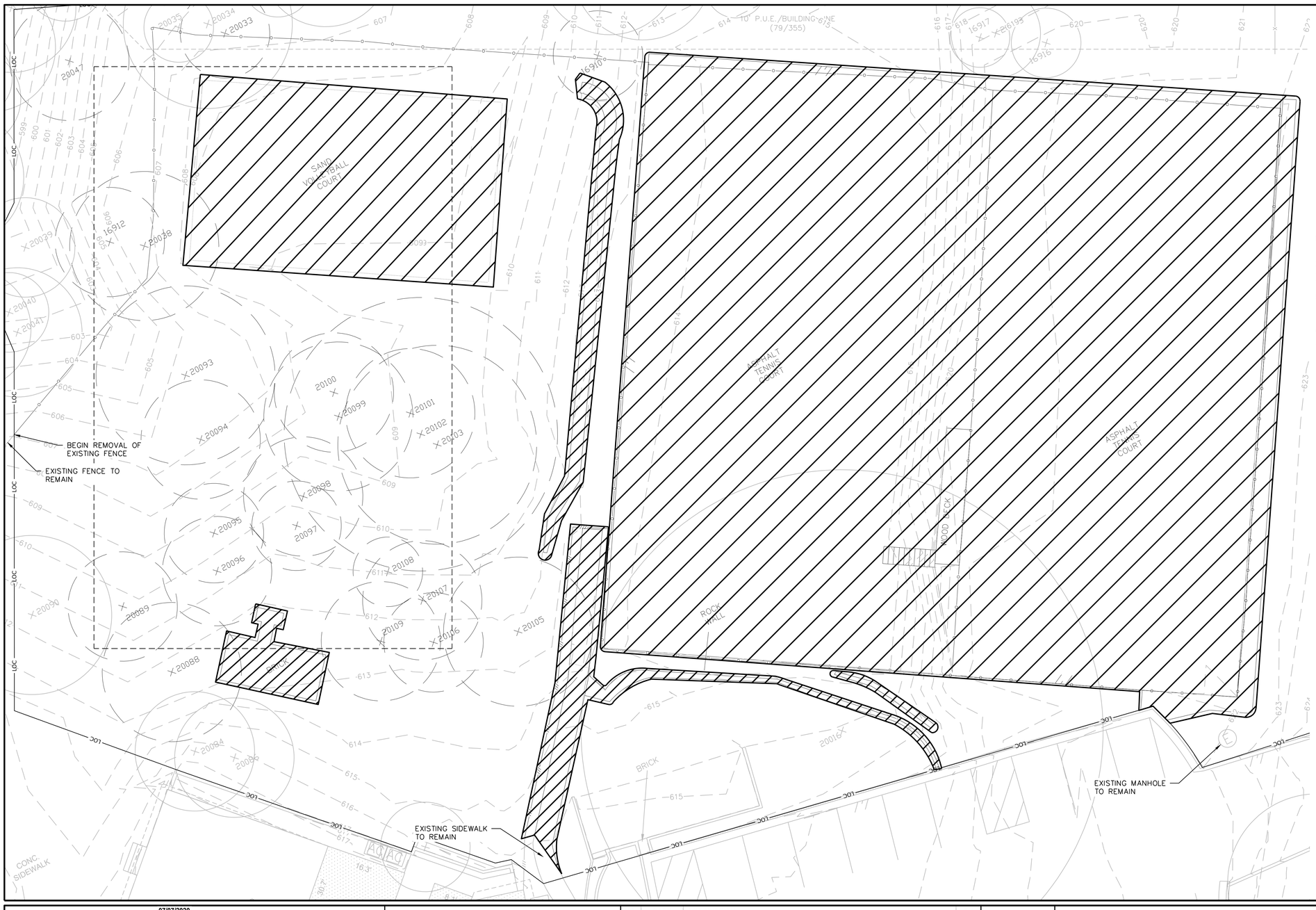
Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

191

6 OF 26

File: Y:\863-01_WH_Athletic_Club\CAD\Sheets\191 Site Details.dwg 22x34



NOTES:
1. CONTRACTOR TO VERIFY CLEARANCE OF OVERHEAD LINES. MINIMUM MUST BE 14 FEET. IF NOT, CONTRACTOR TO CONTACT UTILITY TO HAVE RAISED.
2. DEMOLITION WASTE – COORDINATE WITH AMANDA HOWE, 512-327-6373.
3. SALVAGE – COORDINATE WITH AMANDA HOWE, 512-327-6373.
4. ALL TREES WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE PROTECTED UNLESS OTHERWISE NOTED.
5. ALL SIDEWALKS, CURBS, DRIVEWAYS, UTILITY APPURTENANCES, ETC. SHALL BE PROTECTED FROM DAMAGE OR RESTORED TO ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE UNLESS SPECIFICALLY INDICATED TO BE REMOVED.
6. CONTRACTOR IS RESPONSIBLE FOR SECURITY OF SITE DURING CONSTRUCTION.
7. KNOWN EXISTING UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND DEPICTED USING RECORD DOCUMENTS. CONTRACTOR TO VERIFY LOCATION IN FIELD BEFORE STARTING CONSTRUCTION.

TREE REMOVAL LIST

TREE TAG	TREE TYPE	SIZE (INCHES)	REASON FOR REMOVAL/MITIGATION
16910	Chinaberry	9.00	Invasive
16912	Ligustrum	11.00	Invasive
20033	Chinaberry	9.00	Invasive
20038	Chinaberry	15.00	Invasive
20047	Live Oak	12.00	Construction
20088	Live Oak	14.00	Construction
20089	Live Oak	11.00	Construction
20093	Live Oak	18.00	Construction
20094	Live Oak	12.00	Construction
20095	Live Oak	10.00	Construction
20096	Live Oak	11.00	Construction
20097	Live Oak	9.00	Construction
20098	Live Oak	12.00	Construction
20099	Live Oak	15.00	Construction
20100	Live Oak	12.00	Construction
20101	Live Oak	13.00	Construction
20102	Live Oak	27.50	Construction
20103	Live Oak	20.00	Construction
20105	Cedar Elm	15.00	Construction
20106	Live Oak	10.00	Construction
20107	Live Oak	12.00	Construction
20108	Live Oak	7.00	Construction
20109	Live Oak	12.00	Construction
	TOTAL INCHES REMOVED	**296.50**	

07/07/2020

STATE OF TEXAS
MATTHEW A. RECTOR SR.
122861
LICENSED
PROFESSIONAL ENGINEER

mwm Design Group
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Suite 200
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p: 512.453.0767
f: 512.453.1734
TBAE FIRM REGISTRATION NO.: 1452
TBPE FIRM REGISTRATION NO.: F-1416
TBPLS FIRM REGISTRATION NO.: 10065600

NO.	DATE	DESCRIPTION	BY

0 1"
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DEMOLITION PLAN

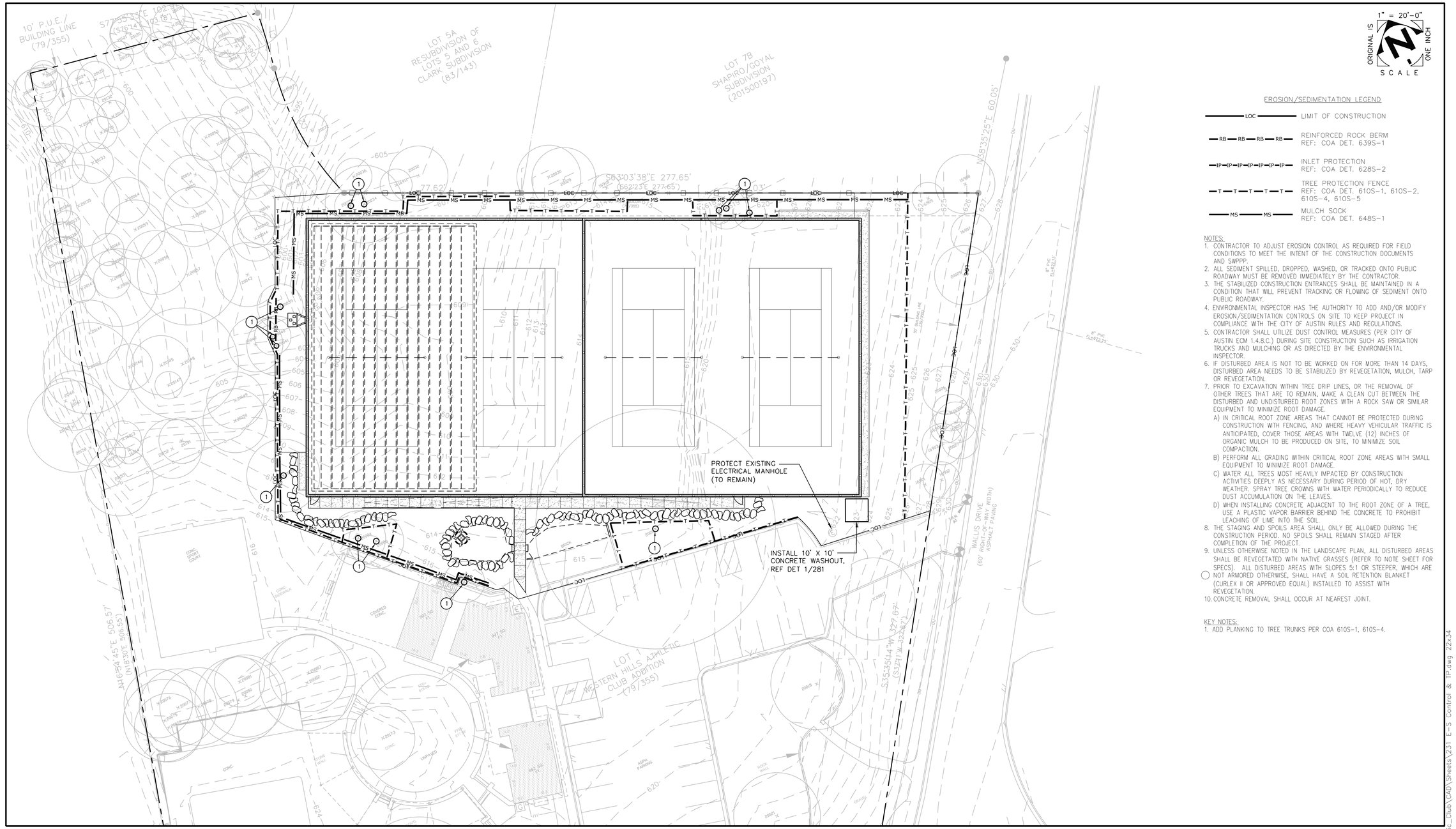
Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

201

7 OF 26

Files: X:\863-01_WH_Athletic_Club\CAD\Sheets\201 Demo Plan.dwg 22x34



1" = 20'-0"
ORIGINAL IS ONE INCH
SCALE

EROSION/SEDIMENTATION LEGEND

- LOC — LIMIT OF CONSTRUCTION
- RB RB RB RB — REINFORCED ROCK BERM REF: COA DET. 639S-1
- IP IP IP IP IP IP IP IP — INLET PROTECTION REF: COA DET. 628S-2
- T T T T T T — TREE PROTECTION FENCE REF: COA DET. 610S-1, 610S-2, 610S-4, 610S-5
- MS MS — MULCH SOCK REF: COA DET. 648S-1

NOTES:

1. CONTRACTOR TO ADJUST EROSION CONTROL AS REQUIRED FOR FIELD CONDITIONS TO MEET THE INTENT OF THE CONSTRUCTION DOCUMENTS AND SWPPP.
2. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC ROADWAY MUST BE REMOVED IMMEDIATELY BY THE CONTRACTOR.
3. THE STABILIZED CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC ROADWAY.
4. ENVIRONMENTAL INSPECTOR HAS THE AUTHORITY TO ADD AND/OR MODIFY EROSION/SEDIMENTATION CONTROLS ON SITE TO KEEP PROJECT IN COMPLIANCE WITH THE CITY OF AUSTIN RULES AND REGULATIONS.
5. CONTRACTOR SHALL UTILIZE DUST CONTROL MEASURES (PER CITY OF AUSTIN ECM 1.4.8.C.) DURING SITE CONSTRUCTION SUCH AS IRRIGATION TRUCKS AND MULCHING OR AS DIRECTED BY THE ENVIRONMENTAL INSPECTOR.
6. IF DISTURBED AREA IS NOT TO BE WORKED ON FOR MORE THAN 14 DAYS, DISTURBED AREA NEEDS TO BE STABILIZED BY REVEGETATION, MULCH, TARP OR REVEGETATION.
7. PRIOR TO EXCAVATION WITHIN TREE DRIP LINES, OR THE REMOVAL OF OTHER TREES THAT ARE TO REMAIN, MAKE A CLEAN CUT BETWEEN THE DISTURBED AND UNDISTURBED ROOT ZONES WITH A ROCK SAW OR SIMILAR EQUIPMENT TO MINIMIZE ROOT DAMAGE.
   A) IN CRITICAL ROOT ZONE AREAS THAT CANNOT BE PROTECTED DURING CONSTRUCTION WITH FENCING, AND WHERE HEAVY VEHICULAR TRAFFIC IS ANTICIPATED, COVER THOSE AREAS WITH TWELVE (12) INCHES OF ORGANIC MULCH TO BE PRODUCED ON SITE, TO MINIMIZE SOIL COMPACTION.
   B) PERFORM ALL GRADING WITHIN CRITICAL ROOT ZONE AREAS WITH SMALL EQUIPMENT TO MINIMIZE ROOT DAMAGE.
   C) WATER ALL TREES MOST HEAVILY IMPACTED BY CONSTRUCTION ACTIVITIES DEEPLY AS NECESSARY DURING PERIOD OF HOT, DRY WEATHER. SPRAY TREE CROWNS WITH WATER PERIODICALLY TO REDUCE DUST ACCUMULATION ON THE LEAVES.
   D) WHEN INSTALLING CONCRETE ADJACENT TO THE ROOT ZONE OF A TREE, USE A PLASTIC VAPOR BARRIER BEHIND THE CONCRETE TO PROHIBIT LEACHING OF LIME INTO THE SOIL.
8. THE STAGING AND SPOILS AREA SHALL ONLY BE ALLOWED DURING THE CONSTRUCTION PERIOD. NO SPOILS SHALL REMAIN STAGED AFTER COMPLETION OF THE PROJECT.
9. UNLESS OTHERWISE NOTED IN THE LANDSCAPE PLAN, ALL DISTURBED AREAS SHALL BE REVEGETATED WITH NATIVE GRASSES (REFER TO NOTE SHEET FOR SPECS). ALL DISTURBED AREAS WITH SLOPES 5:1 OR STEEPER, WHICH ARE NOT ARMORED OTHERWISE, SHALL HAVE A SOIL RETENTION BLANKET (CURLEX II OR APPROVED EQUAL) INSTALLED TO ASSIST WITH REVEGETATION.
10. CONCRETE REMOVAL SHALL OCCUR AT NEAREST JOINT.

KEY NOTES:

1. ADD PLANKING TO TREE TRUNKS PER COA 610S-1, 610S-4.

07/07/2020

STATE OF TEXAS
MATTHEW A. RECTOR SR.
122861
LICENSED PROFESSIONAL ENGINEER

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NO.	DATE	DESCRIPTION	BY

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EROSION/SEDIMENTATION CONTROL & TREE PROTECTION PLAN

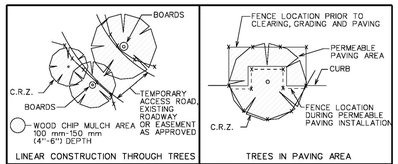
Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

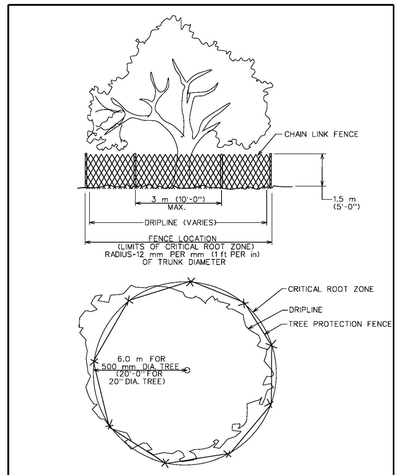
231

8 OF 26

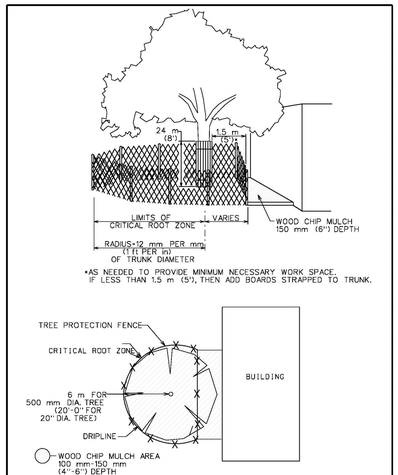
File: Y:\863-01_Wht_Athletic_Club\CAD\Sheets\231 E-S Control & TP.dwg 22x34



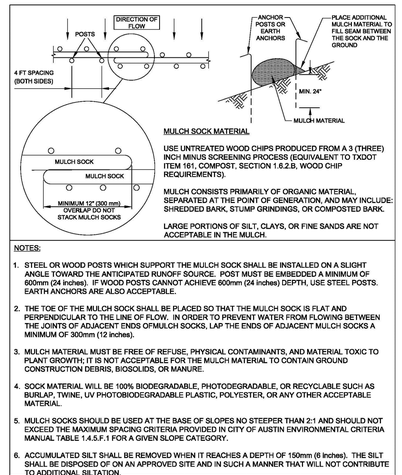
CITY OF AUSTIN WATERSHED PROTECTION DEPARTMENT		TREE PROTECTION FENCE LOCATIONS	
RECORD COPY SIGNED BY J. PATRICK MURPHY	11/15/99 ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. 610S-1



CITY OF AUSTIN WATERSHED PROTECTION DEPARTMENT		TREE PROPTECTION FENCE TYPE A - CHAIN LINK	
RECORD COPY SIGNED BY J. PATRICK MURPHY	11/15/99 ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. 610S-2



CITY OF AUSTIN WATERSHED PROTECTION DEPARTMENT		TREE PROTECTION FENCE MODIFIED TYPE A - CHAIN LINK	
RECORD COPY SIGNED BY J. PATRICK MURPHY	11/15/99 ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. 610S-4



MULCH SOCK MATERIAL

USE UNTREATED WOOD CHIPS PRODUCED FROM A 3 (THREE) INCH MINUS SCREENING PROCESS (EQUIVALENT TO TXDOT ITEM 161, COMPOST, SECTION 1.6.2.B, WOOD CHIP REQUIREMENTS).

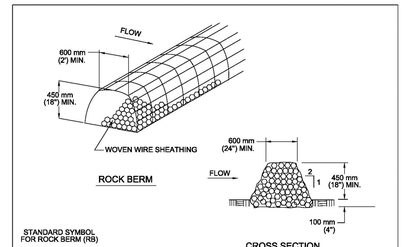
MULCH CONSISTS PRIMARILY OF ORGANIC MATERIAL, SEPARATED AT THE POINT OF GENERATION, AND MAY INCLUDE: SHREDDED BARK, STUMP GRINDINGS, OR COMPOSTED BARK.

LARGE PORTIONS OF SILT, CLAYS, OR FINE SANDS ARE NOT ACCEPTABLE IN THE MULCH.

NOTES:

1. STEEL OR WOOD POSTS WHICH SUPPORT THE MULCH SOCK SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. POST MUST BE EMBEDDED A MINIMUM OF 600mm (24 inches). IF WOOD POSTS CANNOT ACHIEVE 600mm (24 inches) DEPTH, USE STEEL POSTS. EARTH ANCHORS ARE ALSO ACCEPTABLE.
2. THE TOE OF THE MULCH SOCK SHALL BE PLACED SO THAT THE MULCH SOCK IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW. IN ORDER TO PREVENT WATER FROM FLOWING BETWEEN THE JOINTS OF ADJACENT ENDS OFMULCH SOCKS, LAP THE ENDS OF ADJACENT MULCH SOCKS A MINIMUM OF 300mm (12 inches).
3. MULCH MATERIAL MUST BE FREE OF REFUSE, PHYSICAL CONTAMINANTS, AND MATERIAL TOXIC TO PLANT GROWTH; IT IS NOT ACCEPTABLE FOR THE MULCH MATERIAL TO CONTAIN GROUND CONSTRUCTION DEBRIS, BIOSOLIDS, OR MANURE.
4. SOCK MATERIAL WILL BE 100% BIODEGRADABLE, PHOTODEGRADABLE, OR RECYCLABLE SUCH AS BURLAP, TWINE, UV PHOTOBIODEGRADABLE PLASTIC, POLYESTER, OR ANY OTHER ACCEPTABLE MATERIAL.
5. MULCH SOCKS SHOULD BE USED AT THE BASE OF SLOPES NO STEEPER THAN 2:1 AND SHOULD NOT EXCEED THE MAXIMUM SPACING CRITERIA PROVIDED IN CITY OF AUSTIN ENVIRONMENTAL CRITERIA MANUAL TABLE 1.4.5.F.1 FOR A GIVEN SLOPE CATEGORY.
6. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 150mm (6 inches). THE SILT SHALL BE DISPOSED OF ON AN APPROVED SITE AND IN SUCH A MANNER THAT WILL NOT CONTRIBUTE TO ADDITIONAL SILTATION.

CITY OF AUSTIN WATERSHED PROTECTION DEPARTMENT		MULCH SOCK	
RECORD COPY SIGNED BY MORGAN BYARS	08/24/2010 ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. 648S-1



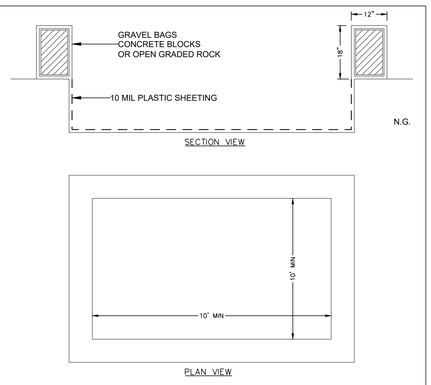
STANDARD SYMBOL FOR ROCK BERM (RB)

RB

NOTES:

1. USE ONLY OPEN GRADED ROCK 75 to 125 mm (3 to 5") DIAMETER FOR ALL CONDITIONS.
2. THE ROCK BERM SHALL BE SECURED WITH A WOVEN WIRE SHEATHING HAVING MAXIMUM 25 mm (1") OPENING AND MINIMUM WIRE DIAMETER OF 12.9 mm (20 GAUGE).
3. THE ROCK BERM SHALL BE INSPECTED DAILY OR AFTER EACH RAIN, AND THE STONE AND/OR FABRIC CORE-WOVEN SHEATHING SHALL BE REPLACED WHEN THE STRUCTURE CEASES TO FUNCTION AS INTENDED, DUE TO SEDIMENT ACCUMULATION AMONG THE ROCKS, WASHOUT, CONSTRUCTION TRAFFIC DAMAGE, ETC.
4. IF SEDIMENT REACHES A DEPTH EQUAL TO ONE-THIRD THE HEIGHT OF THE BERM OR 150 mm (6"), WHICHEVER IS LESS, THE SEDIMENT SHALL BE REMOVED AND DISPOSED OF ON AN APPROVED SITE AND IN A MANNER THAT WILL NOT CREATE A SEDIMENTION PROBLEM.
5. WHEN THE SITE IS COMPLETELY STABILIZED,THE BERM AND ACCUMULATED SEDIMENT SHALL BE REMOVED AND DISPOSED OF IN AN APPROVED MANNER.

CITY OF AUSTIN WATERSHED PROTECTION DEPARTMENT		ROCK BERM	
RECORD COPY SIGNED BY MORGAN BYARS	8/24/2010 ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. 639S-1



1. THE EXCAVATION FOR THE CONCRETE TRUCK WASHOUT SHALL BE A MINIMUM OF 10 FEET WIDE AND OF SUFFICIENT LENGTH AND DEPTH TO ACCOMMODATE 7 GALLONS OF WASHOUT WATER AND CONCRETE PER TRUCK PER DAY AND/OR 50 GALLONS OF WASHOUT WATER AND CONCRETE PER PUMP TRUCK PER DAY.
2. IN THE EVENT THAT THE CONCRETE TRUCK WASHOUT IS CONSTRUCTED ABOVE GROUND, IT SHALL BE 10 FEET WIDE AND 10 FEET LONG WITH THE SAME REQUIREMENTS FOR CONTAINMENT AS DESCRIBED IN ITEM 1.
3. THE CONTAINMENT AREA SHALL BE LINED WITH 10 MIL PLASTIC SHEETING WITHOUT HOLES OR TEARS. WHERE THERE ARE SEAMS, THESE SHALL BE SECURED ACCORDING TO MANUFACTURERS DIRECTIONS.
4. THE BERM CONSISTING OF GRAVEL BAGS, CONCRETE BLOCKS OR OPEN GRADED ROCK SHALL BE NO LESS THAN 18 INCHES HIGH AND NO LESS THAN 12 INCHES WIDE.
5. THE PLASTIC SHEETING SHALL BE OF SUFFICIENT SIZE SO THAT IT WILL OVERLAP THE TOP OF THE CONTAINMENT AREA AND BE WRAPPED AROUND THE GRAVEL BAGS, CONCRETE BLOCKS OR OPEN GRADED ROCK AT LEAST 2 TIMES.
6. THE GRAVEL BAGS OR CONCRETE BLOCKS SHALL BE PLACED ABUTTING EACH OTHER TO FORM A CONTINUOUS BERM AROUND THE OUTER PERIMETER OF THE CONTAINMENT AREA.
7. THE WASHOUT MATERIAL IN TEH CONTAINMENT AREA SHALL NOT EXCEED 50% OF CAPACITY AT ANY ONE TIME.
8. SOLIDS SHALL BE REMOVED FROM CONTAINMENT AREA AND DISPOSED OF PROPERLY. ANY DAMAGE TO THE PLASTIC SHEETING SHALL BE REPAIRED OR SHEETING REPLACED BEFORE THE NEXT USE.

1	10' x 10' CONCRETE WASHOUT
281	SCALE: NTS

07/07/2020

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TBAE FIRM REGISTRATION NO.: 1452
TBPE FIRM REGISTRATION NO.: F-1416
TBPLS FIRM REGISTRATION NO.: 10065600

NO.	DATE	DESCRIPTION	BY

0 1"

The bar above measures one inch on the original drawing. Adjust scales accordingly.

EROSION / SEDIMENTATION CONTROL & TREE PROTECTION DETAILS

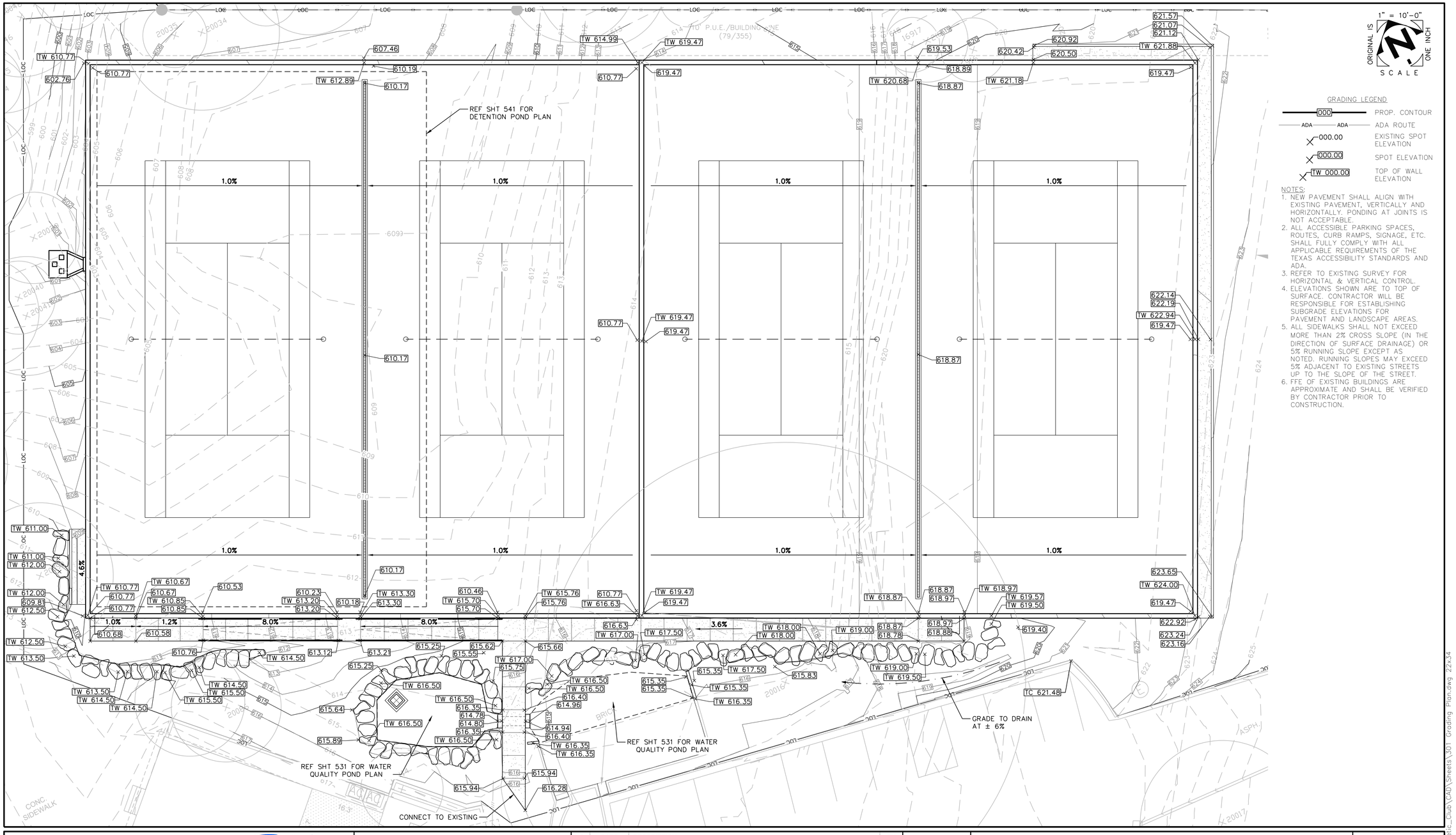
Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

281

9 OF 26

Files: Y:\0863-01_WH_Athletic_Club\CAD\Sheets\v281 E-S & TP Details.dwg 22x34



GRADING LEGEND

- 000 — PROP. CONTOUR
- ADA ADA — ADA ROUTE
- 000.00 — EXISTING SPOT ELEVATION
- 000.00 — SPOT ELEVATION
- TW 000.00 — TOP OF WALL ELEVATION

NOTES:

1. NEW PAVEMENT SHALL ALIGN WITH EXISTING PAVEMENT, VERTICALLY AND HORIZONTALLY. PONDING AT JOINTS IS NOT ACCEPTABLE.
2. ALL ACCESSIBLE PARKING SPACES, ROUTES, CURB RAMPS, SIGNAGE, ETC. SHALL FULLY COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE TEXAS ACCESSIBILITY STANDARDS AND ADA.
3. REFER TO EXISTING SURVEY FOR HORIZONTAL & VERTICAL CONTROL.
4. ELEVATIONS SHOWN ARE TO TOP OF SURFACE. CONTRACTOR WILL BE RESPONSIBLE FOR ESTABLISHING SUBGRADE ELEVATIONS FOR PAVEMENT AND LANDSCAPE AREAS.
5. ALL SIDEWALKS SHALL NOT EXCEED MORE THAN 2% CROSS SLOPE (IN THE DIRECTION OF SURFACE DRAINAGE) OR 5% RUNNING SLOPE EXCEPT AS NOTED. RUNNING SLOPES MAY EXCEED 5% ADJACENT TO EXISTING STREETS UP TO THE SLOPE OF THE STREET.
6. FFE OF EXISTING BUILDINGS ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.

REGISTERED LANDSCAPE ARCHITECT
DAVID J. CAZARES
1871
STATE OF TEXAS
07/07/2020

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GRADING PLAN

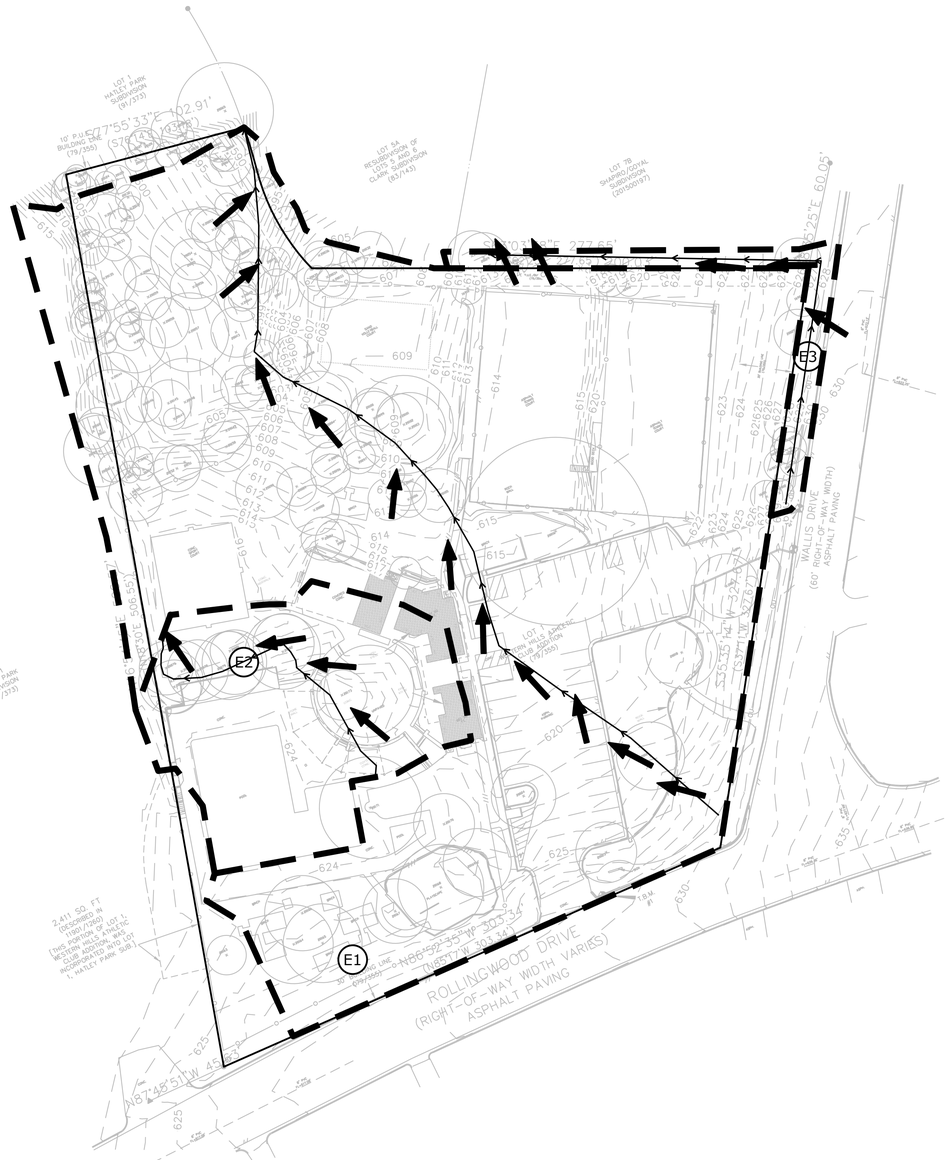
Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

301

10 OF 26

Files: Y:\863-01_WH_Athletic_Club\CAD\Sheets\301 Grading Plan.dwg 22x34



DRAINAGE AREA MAP LEGEND

- DRAINAGE AREA BOUNDARY
- TIME OF CONCENTRATION PATH
- E1 DRAINAGE AREA DESIGNATION
- FLOW PATTERNS

1" = 10'-0"
ORIGINAL IS ONE INCH
SCALE

07/07/2020

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TBPLS FIRM REGISTRATION NO.: 10065600

NO.	DATE	DESCRIPTION	BY

0 1"
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EXISTING DRAINAGE AREA MAP

Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

501

11 OF 26

File: Y:_863-01_WHL_Athletic_Club\CAD\Sheets\501 Existing DAM.dwg 22x34

COVER TYPE	HYDROLOGIC CONDITION	CURVE NUMBERS FOR HYDROLOGIC SOIL GROUP				DRAINAGE AREA			COMPOSITE CURVE NUMBER		
		A	B	C	D	1	2	3	1	2	3
Fully developed urban areas (vegetation established)									0	0	0
Open space (lawns, parks, golf courses, cemeteries, etc.)									0	0	0
Poor condition (grass cover 50%)		68	79	86	89				0	0	0
Fair condition (grass cover 50% to 75%)		49	69	79	84				0	0	0
Good condition (grass cover 75%)		39	61	74	80	70853.43	11579.51	4361.65	5668274.4	926360.8	348932
Impervious areas:									0	0	0
Paved parking lots, roofs, driveways, etc. (excluding right of way)		98	98	98	98	44958.42	8107.42	0.00	4405925.16	794527.16	0
Streets and roads:									0	0	0
Paved; curbs and storm drains (excluding right of way)		98	98	98	98				0	0	0
Paved; open ditches (including right of way)		83	89	92	93				0	0	0
Gravel (including right of way)		76	85	89	91				0	0	0
Dirt (including right of way)		72	82	87	89				0	0	0
Developing urban area									0	0	0
Newly graded areas (pervious areas only, no vegetation)		77	86	91	94				0	0	0
Agricultural lands									0	0	0
Grassland, or range-continuous forage for grazing	Poor	68	79	86	89				0	0	0
	Fair	49	69	79	84				0	0	0
	Good	39	61	74	80				0	0	0
Meadow-continuous grass, protected from grazing and generally mowed for hay		30	58	71	78				0	0	0
Brush - brush-weed-grass mixture with brush the major element	Poor	48	67	77	83				0	0	0
	Fair	35	56	70	77				0	0	0
	Good	30	48	65	73				0	0	0
Woods - grass combination (orchard or tree farm)	Poor	57	73	82	86				0	0	0
	Fair	43	65	76	79				0	0	0
	Good	32	58	72	79				0	0	0
Woods - grass combination (orchard or tree farm)	Poor	45	66	77	83				0	0	0
	Fair	36	60	73	79				0	0	0
	Good	30	55	70	77				0	0	0
Farmstead - buildings, lanes, driveways and surrounding lots		59	74	82	86				0	0	0
											0
					SF	115811.85	19686.93	4361.65	87	87	80
					AC	2.66	0.45	0.10			
					SM	0.004154171	0.00070617	0.000156452			
					% Imp	39%	41%	0%			

	E1		
Sheet Flow	Start Station	0.00	ft
	End Station	85.00	ft
	Length (L)	85	ft
	Manning's n	0.15	
	2-year 24-hour rain	3.44	inches
	Start Elev	629.88	ft
	End Elev	620.21	ft
	Slope (S)	0.114	ft/ft
	T_t	4	minutes
Shallow Concentrated Flow	Start Station	85.00	ft
	End Station	505.00	ft
	Length	420	ft
	Start Elev	620.21	ft
	End Elev	586.05	ft
	Slope (S)	0.081	ft/ft
	Surface	UnPaved	
	T_t	2	minutes
Channel or Storm Drain Flow	Cross Sectional Area (A)	0.25	sf
	Wetted Perimeter (P)	2.00	ft
	Hydraulic Radius (r)	0.125	ft
	Start Elev	586.05	ft
	End Elev	586.05	ft
	Slope (S)	0.00	ft/ft
	Manning's n	0.013	
	Velocity (V)	0.00	fps
	Start Station		ft
	End Station		ft
	Length (L)	0.00	ft
	T_t	0.00	minutes
	Time of Concentration	6	0.09534
	Lag Time	3	

	E2		
Sheet Flow	Start Station	0.00	ft
	End Station	100.00	ft
	Length (L)	100	ft
	Manning's n	0.15	
	2-year 24-hour rain	3.44	inches
	Start Elev	623.981	ft
	End Elev	618.12	ft
	Slope (S)	0.059	ft/ft
	T_t	6	minutes
Shallow Concentrated Flow	Start Station	100.00	ft
	End Station	184.00	ft
	Length	84	ft
	Start Elev	618.12	ft
	End Elev	616.38	ft
	Slope (S)	0.021	ft/ft
	Surface	Paved	
	T_t	0.5	minutes
Channel or Storm Drain Flow	Cross Sectional Area (A)	4.91	sf
	Wetted Perimeter (P)	7.85	ft
	Hydraulic Radius (r)	0.625	ft
	Start Elev	616.382	ft
	End Elev	586.362	ft
	Slope (S)	0.00	ft/ft
	Manning's n	0.013	
	Velocity (V)	0.00	fps
	Start Station		ft
	End Station		ft
	Length (L)		ft
	T_t	0.00	minutes
	Time of Concentration	6.5	0.108982
	Lag Time	4	

	E3		
Sheet Flow	Start Station	0.00	ft
	End Station	100.00	ft
	Length (L)	100	ft
	Manning's n	0.24	
	2-year 24-hour rain	3.44	inches
	Start Elev	629.896	ft
	End Elev	628.13	ft
	Slope (S)	0.018	ft/ft
	T_t	14	minutes
Shallow Concentrated Flow	Start Station	100.00	ft
	End Station	322.65	ft
	Length	223	ft
	Start Elev	628.13	ft
	End Elev	611.19	ft
	Slope (S)	0.076	ft/ft
	Surface	Unpaved	
	T_t	1	minutes
Channel or Storm Drain Flow	Cross Sectional Area (A)	4.91	sf
	Wetted Perimeter (P)	7.85	ft
	Hydraulic Radius (r)	0.625	ft
	Start Elev	611.192	ft
	End Elev	586.362	ft
	Slope (S)	0.00	ft/ft
	Manning's n	0.013	
	Velocity (V)	0.00	fps
	Start Station		ft
	End Station		ft
	Length (L)		ft
	T_t	0.00	minutes
	Time of Concentration	15	0.254832
	Lag Time	9	

1" = 10'-0"
ORIGINAL IS ONE INCH SCALE

07/07/2020
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TBPE FIRM REGISTRATION NO.: F-1416
TBPLS FIRM REGISTRATION NO.: 10065600

NO.	DATE	DESCRIPTION	BY

0 1"
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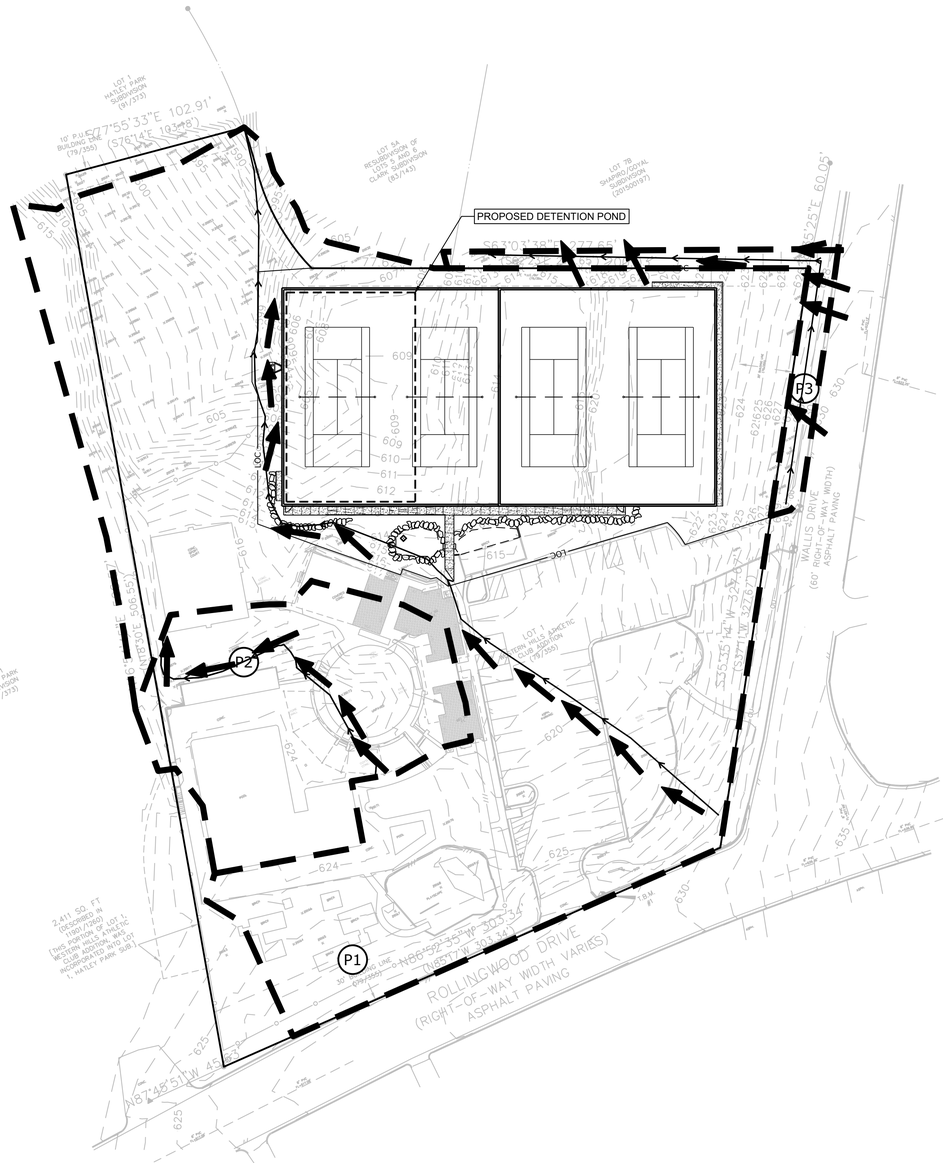
EXISTING DRAINAGE AREA CALCULATIONS

Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

502

File: Y:\863-01_WHAthletic_Club\CAD\Sheets\501 Existing DAM.dwg 22x34



07/07/2020

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TBPLS FIRM REGISTRATION NO.: 10065600

NO.	DATE	DESCRIPTION	BY

0 1"

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PROPOSED DRAINAGE AREA MAP

Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

503

13 OF 26

File: Y:\863-01_Wht_Athletic_Club\CAD\Sheets\503 Proposed DAM.dwg 22x34

P1			
Sheet Flow	Start Station	0.00	ft
	End Station	85.00	ft
	Length (L)	85	ft
	Manning's n	0.15	
	2-year 24-hour rain	3.44	inches
	Start Elev	629.88	ft
	End Elev	620.24	ft
	Slope (S)	0.113	ft/ft
	T_t	4	minutes
Shallow Concentrated Flow	Start Station	85.00	ft
	End Station	616.00	ft
	Length	531	ft
	Start Elev	620.24	ft
	End Elev	586.40	ft
	Slope (S)	0.064	ft/ft
	Surface	Paved	
	T_t	2	minutes
Channel or Storm Drain Flow	Cross Sectional Area (A)	0.25	sf
	Wetted Perimeter (P)	2.00	ft
	Hydraulic Radius (r)	0.125	ft
	Start Elev	586.40	ft
	End Elev	623.71	ft
	Slope (S)	0.00	ft/ft
	Manning's n	0.013	
	Velocity (V)	0.00	fps
	Start Station		ft
	End Station		ft
	Length (L)		ft
	T_t	0.00	minutes

Time of Concentration	6	0.098812705
Lag Time	4	

P2			
Sheet Flow	Start Station	0	ft
	End Station	100	ft
	Length (L)	100	ft
	Manning's n	0.15	
	2-year 24-hour rain	3.44	inches
	Start Elev	623.98	ft
	End Elev	618.12	ft
	Slope (S)	0.059	ft/ft
	T_t	6	minutes
Shallow Concentrated Flow	Start Station	100	ft
	End Station	184	ft
	Length	84	ft
	Start Elev	618.12	ft
	End Elev	616.38	ft
	Slope (S)	0.021	ft/ft
	Surface	Unpaved	
	T_t	1	minutes
Channel or Storm Drain Flow	Cross Sectional Area (A)	1.7671459	sf
	Wetted Perimeter (P)	4.712389	ft
	Hydraulic Radius (r)	0.375	ft
	Start Elev	616.38	ft
	End Elev	687.926	ft
	Slope (S)	0.02	ft/ft
	Manning's n	0.013	
	Velocity (V)	8.43	fps
	Start Station		ft
	End Station		ft
	Length (L)		ft
	T_t	0.00	minutes

Time of Concentration	7	0.11104
Lag Time	4	

P3			
Sheet Flow	Start Station	0.00	ft
	End Station	100.00	ft
	Length (L)	100	ft
	Manning's n	0.24	
	2-year 24-hour rain	3.44	inches
	Start Elev	629.896	ft
	End Elev	628.13	ft
	Slope (S)	0.018	ft/ft
	T_t	14	minutes
Shallow Concentrated Flow	Start Station	100.00	ft
	End Station	322.65	ft
	Length	223	ft
	Start Elev	628.13	ft
	End Elev	611.19	ft
	Slope (S)	0.076	ft/ft
	Surface	Unpaved	
	T_t	1	minutes
Channel or Storm Drain Flow	Cross Sectional Area (A)	4.91	sf
	Wetted Perimeter (P)	7.85	ft
	Hydraulic Radius (r)	0.625	ft
	Start Elev	611.192	ft
	End Elev	586.362	ft
	Slope (S)	0.00	ft/ft
	Manning's n	0.013	
	Velocity (V)	0.00	fps
	Start Station		ft
	End Station		ft
	Length (L)		ft
	T_t	0.00	minutes

Time of Concentration	15	0.2548
Lag Time	9	

RUNOFF SUMMARY HMS

Point of Analysis	Storm Event	Exisiting Flow (cfs)	Proposed Without Detention	Proposed flow with detention	Net Change W/O Detention (cfs) (Proposed-Exist)	NetChange W/ Detention (cfs) (Propose-Exist)
E1/P1	2 Year	6.4	6.6	2.8	0.2	-3.6
E1/P1	5 Year	9.9	10	5.4	0.1	-4.5
E1/P1	10 Year	12.4	12.5	6.6	0.1	-5.8
E1/P1	25 Year	15.9	15.8	8.1	-0.1	-7.8
E1/P1	50 Year	18.7	18.5	9.2	-0.2	-9.5
E1/P1	100 Year	21.7	21.4	10.2	-0.3	-11.5
E1/P1	250 Year	25.7	25.3	11.5	-0.4	-14.2
E1/P1	500 Year	29	28.5	13.7	-0.5	-15.3
E2/P2	2 Year	1.1	1.1	0	0	-1.1
E2/P2	5 Year	1.6	1.6	0	0	-1.6
E2/P2	10 Year	2.1	2.1	0	0	-2.1
E2/P2	25 Year	2.6	2.6	0	0	-2.6
E2/P2	50 Year	3.1	3.1	0	0	-3.1
E2/P2	100 Year	3.6	3.6	0	0	-3.6
E2/P2	250 Year	4.3	4.3	0	0	-4.3
E2/P2	500 Year	4.8	4.8	0	0	-4.8
E3/P3	2 Year	0.1	0.1	0	0	-0.1
E3/P3	5 Year	0.2	0.2	0	0	-0.2
E3/P3	10 Year	0.3	0.3	0	0	-0.3
E3/P3	25 Year	0.4	0.4	0	0	-0.4
E3/P3	50 Year	0.5	0.5	0	0	-0.5
E3/P3	100 Year	0.6	0.6	0	0	-0.6
E3/P3	250 Year	0.7	0.7	0	0	-0.7
E3/P3	500 Year	0.8	0.8	0	0	-0.8

For both proposed and existing conditions , drainage area 2 and 3 do not flow through the project area . Hence the flow is considered as an offsite flow for this project.

COVER TYPE	HYDROLOGIC CONDITION	CURVE NUMBERS FOR HYDROLOGIC SOIL GROUP A	B	C	D	DRAINAGE AREA P1	P2	P3	COMPOSITE CURVE NUMBER P1	P2	P3
Fully developed urban areas (vegetation established)									0	0	0
Open space (lawns, parks, golf courses, cemeteries, etc.)									0	0	0
Poor condition (grass cover 50%)		68	79	86	89				0	0	0
Fair condition (grass cover 50% to 75%)		49	69	79	84				0	0	0
Good condition (grass cover 75%)		39	61	74	80	55733.08	11579.53	4361.65	4458646.4	926362.4	348932
Impervious areas:									0	0	0
Paved parking lots, roofs, driveways, etc. (excluding right of way)		98	98	98	98	60078.72	8107.45	0.00	5887714.6	794530.1	0
Streets and roads:									0	0	0
Paved; curbs and storm drains (excluding right of way)		98	98	98	98				0	0	0
Paved; open ditches (including right of way)		83	89	92	93				0	0	0
Gravel (including right of way)		76	85	89	91				0	0	0
Dirt (including right of way)		72	82	87	89				0	0	0
Developing urban area									0	0	0
Newly graded areas (pervious areas only, no vegetation)		77	86	91	94				0	0	0
Agricultural lands									0	0	0
Grassland, or range-continuous forage for grazing	Poor	68	79	86	89				0	0	0
	Fair	49	69	79	84				0	0	0
	Good	39	61	74	80				0	0	0
Meadow-continuous grass, protected from grazing and generally mowed for hay		30	58	71	78				0	0	0
Brush - brush-weed-grass mixture with brush the major element	Poor	48	67	77	83				0	0	0
	Fair	35	56	70	77				0	0	0
	Good	30	48	65	73				0	0	0
Woods - grass combination (orchard or tree farm)	Poor	57	73	82	86				0	0	0
	Fair	43	65	76	79				0	0	0
	Good	32	58	72	79				0	0	0
Woods - grass combination (orchard or tree farm)	Poor	45	66	77	83				0	0	0
	Fair	36	60	73	79				0	0	0
	Good	30	55	70	77				0	0	0
Farmstead - buildings, lanes, driveways and surrounding lots		59	74	82	86				0	0	0
											0
					SF	115811.8	19686.98	4361.65	89	87	80
					AC	2.66	0.45	0.10			
					SM	0.004154169	0.000706172	0.000156452			
					% Imp	52%	41%	0%			

1" = 10'-0"
ORIGINAL IS ONE INCH
SCALE

07/07/2020
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TBAE FIRM REGISTRATION NO.: 1452
TBPE FIRM REGISTRATION NO.: F-1416
TBPLS FIRM REGISTRATION NO.: 10065600

NO.	DATE	DESCRIPTION	BY

0 1"
The bar above measures one inch on the original drawing. Adjust scales accordingly.

PROPOSED DRAINAGE AREA CALCULATIONS

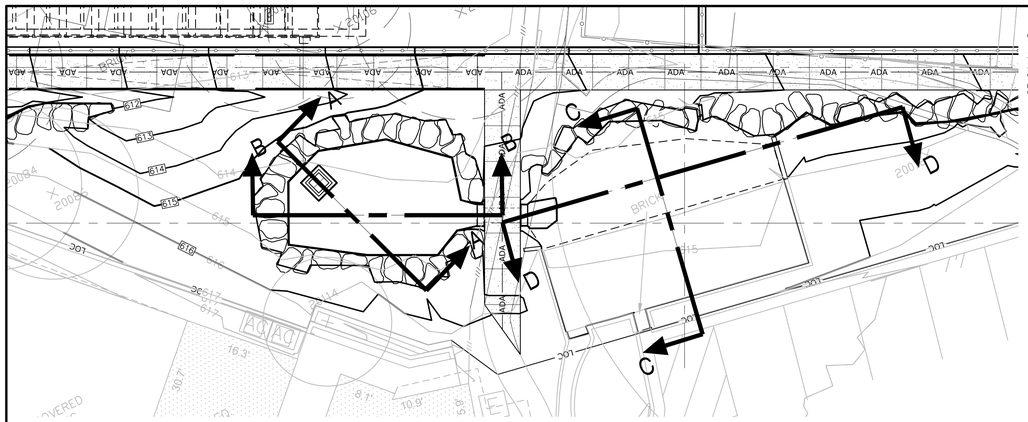
Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

504

14 OF 26

File: Y:\863-01_WH_Athletic_Club\CAD\Sheets\503 Proposed DAM.dwg 22x34


A
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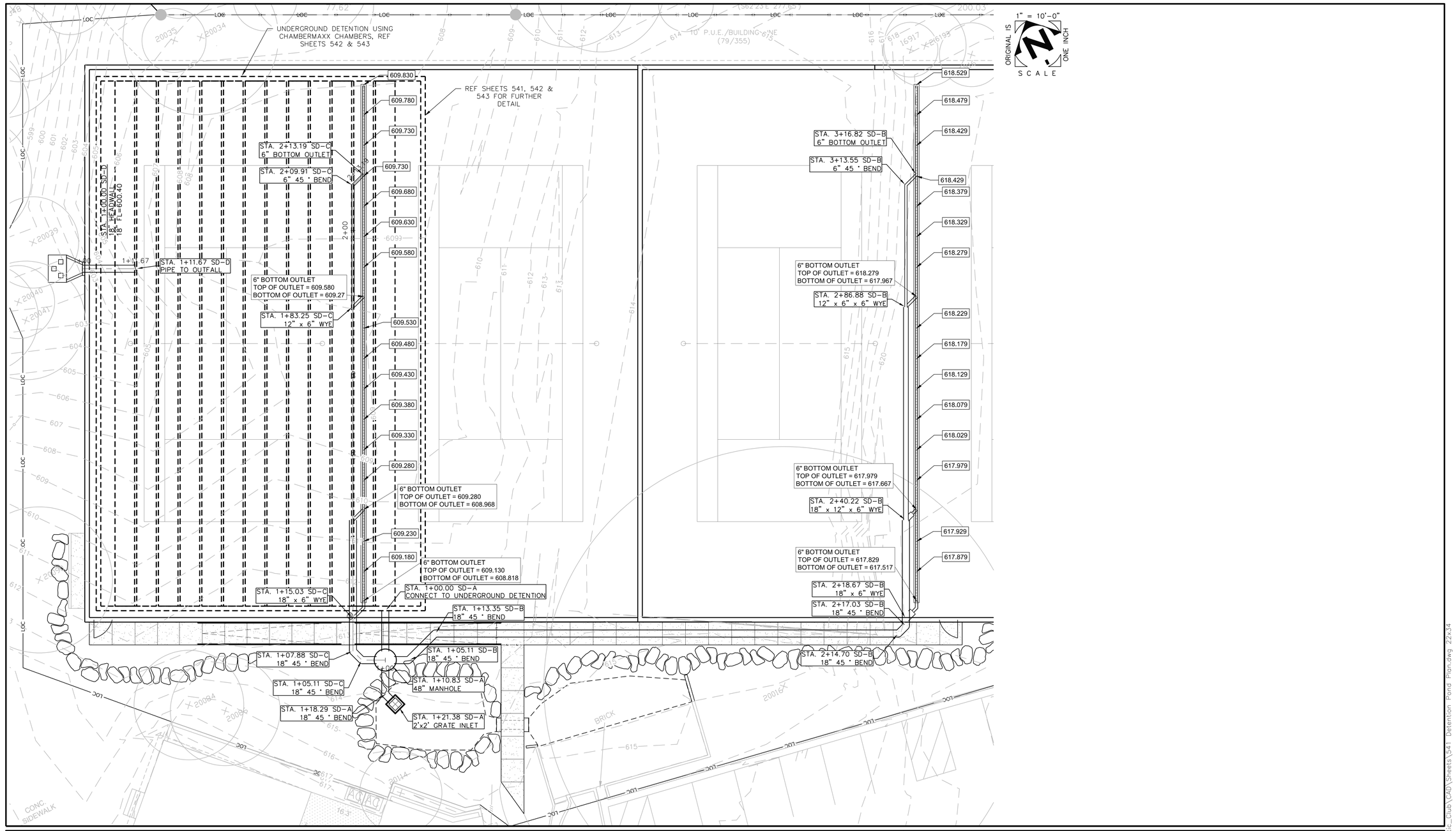

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DETENTION POND PLAN

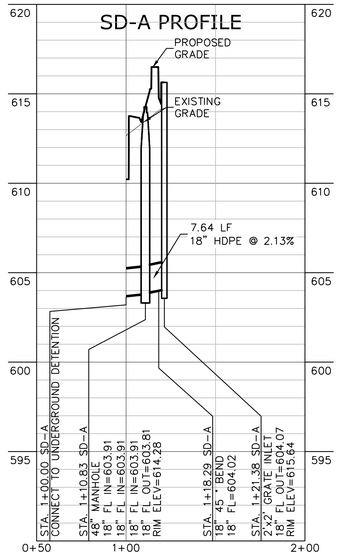
Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

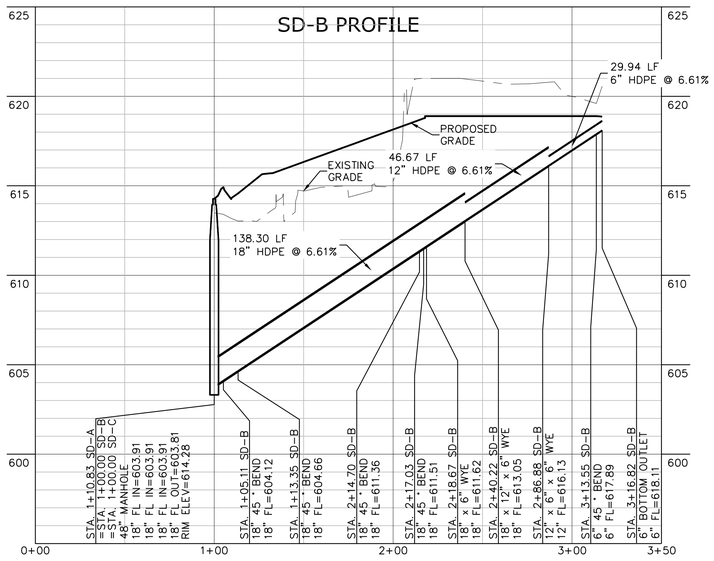
PLOTTED: 7/7/2020
JOB NO: 863-01

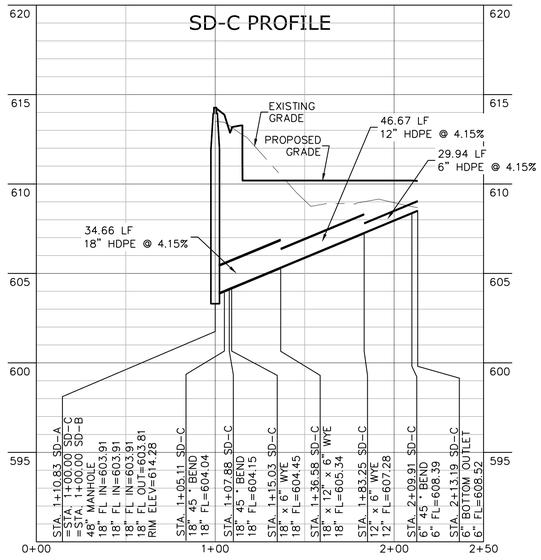
541

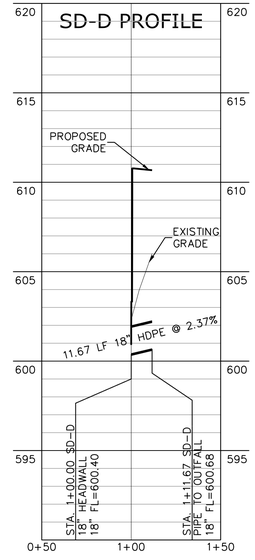
16 OF 26

File: Y:\863-01_Wht_Athletic_Club\CAD\Sheets\541 Detention Pond Plan.dwg 22x34









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TBPLS FIRM REGISTRATION NO.: 10065600

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DETENTION POND PLAN

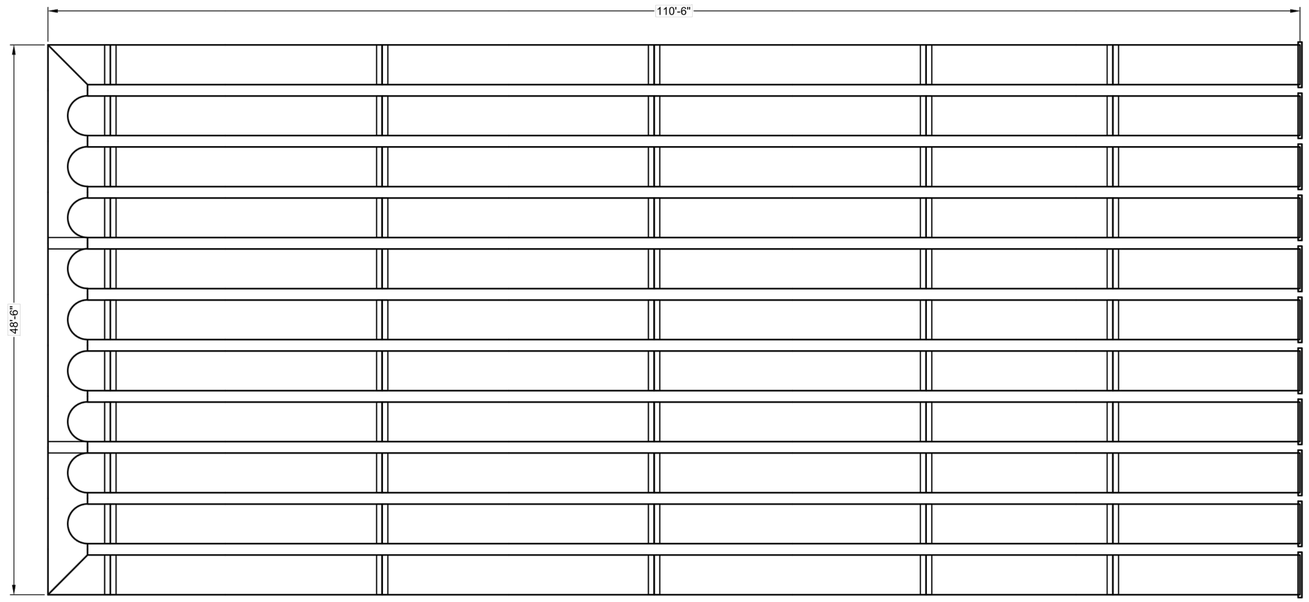
Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

542

17 OF 26

File: Y:\863-01_WH_Athletic_Club\CAD\Sheets\541 Detention Pond Plan.dwg 22x34



ASSEMBLY
SCALE: 1" = 10'

PROJECT SUMMARY

CALCULATION DETAILS
- LENGTH PER BARREL = 107 FT
- LENGTH PER HEADER = 48.50 FT
- LOADING = H20 & H25
- APPROX. CMP FOOTAGE = 1,226 FT

STORAGE SUMMARY
- STORAGE VOLUME REQUIRED 15,000 CF
- PIPE STORAGE = 11,790 CF
- STRUCTURAL BACKFILL STORAGE = 3,280 CF
- TOTAL STORAGE PROVIDED = 15,070 CF

PIPE DETAILS
- DIAMETER = 42 IN
- CORRUGATION = 2-2/3" X 1/2"
- GAGE = 16
- COATING = ALUMINIZED STEEL TYPE 2 (ALT2)
- WALL TYPE = PERFORATED
- BARREL SPACING = 12 IN

BACKFILL DETAILS
- WIDTH AT ENDS = 12 IN
- ABOVE PIPE = 6 IN
- WIDTH AT SIDES = 12 IN
- BELOW PIPE = 0 IN

NOTES
- ALL RISER AND STUB DIMENSIONS ARE TO CENTERLINE. ALL ELEVATIONS, DIMENSIONS, AND LOCATIONS OF RISERS AND INLETS, SHALL BE VERIFIED BY THE ENGINEER OF RECORD PRIOR TO RELEASING FOR FABRICATION.
- ALL FITTINGS AND REINFORCEMENT COMPLY WITH ASTM A998.
- ALL RISERS AND STUBS ARE 2 ⅔" x ½" CORRUGATION AND 16 GAGE UNLESS OTHERWISE NOTED.
- RISERS TO BE FIELD TRIMMED TO GRADE.
- QUANTITY OF PIPE SHOWN DOES NOT PROVIDE EXTRA PIPE FOR CONNECTING THE SYSTEM TO EXISTING PIPE OR DRAINAGE STRUCTURES. OUR SYSTEM AS DETAILED PROVIDES NOMINAL INLET AND/OR OUTLET PIPE STUB FOR CONNECTION TO EXISTING DRAINAGE FACILITIES. IF ADDITIONAL PIPE IS NEEDED IT IS THE RESPONSIBILITY OF THE CONTRACTOR.
- BAND TYPE TO BE DETERMINED UPON FINAL DESIGN.
- THE PROJECT SUMMARY IS REFLECTIVE OF THE DYODS DESIGN. QUANTITIES ARE APPROX. AND SHOULD BE VERIFIED UPON FINAL DESIGN AND APPROVAL. FOR EXAMPLE, TOTAL EXCAVATION DOES NOT CONSIDER ALL VARIABLES SUCH AS SHORING AND ONLY ACCOUNTS FOR MATERIAL WITHIN THE ESTIMATED EXCAVATION FOOTPRINT.

NOTE:
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CONTECH CMP DETENTION SYSTEMS
CONTECH DYODS DRAWING

DYODS - 14673-1-0
PROJECT NAME: Western Hills Athletic Club
Austin, TX
DESCRIPTION: UDS

PROJECT No.:	SEQ. No.:	DATE:
14673-1	0	4/7/2020
DESIGNED: DYODS	DRAWN: DYODS	
CHECKED:	APPROVED:	
SHEET NO.: D1		

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07/07/2020
STATE OF TEXAS
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TBAE FIRM REGISTRATION NO.: 1452
TBPE FIRM REGISTRATION NO.: F-1416
TBPLS FIRM REGISTRATION NO.: 10065600

NO.	DATE	DESCRIPTION	BY

0 1"
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DETENTION POND DETAILS

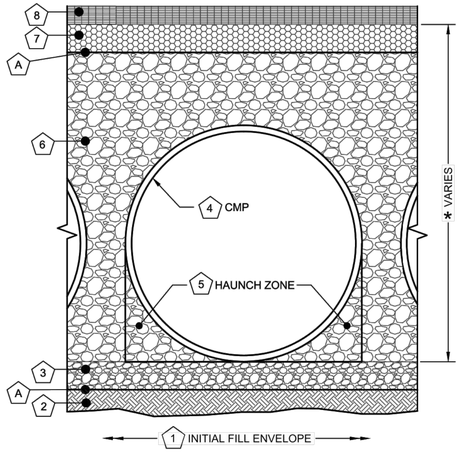
Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

543

18 OF 26

Files: X:\863-01_WH_Athletic_Club\CAD\Sheets\c542 Detention Pond Details.dwg 22x34



Infiltration Systems - CMP Infiltration & CMP Perforated Drainage Pipe			
Material Location	Description	Material Designation	Designation
8 Rigid or Flexible Pavement (if applicable)			
7 Road Base (if applicable			
A Geotextile Layer	Non-Woven Geotextile	CONTECH C-40 or C-45	Engineer Decision for consideration to prevent soil migration into varying soil types. Wrap the trench only.
6 Backfill	Infiltration pipe systems have a pipe perforation sized of 3/8" diameter. An open graded, free draining stone, with a particle size of ½" – 2 ½" diameter is recommended.	AASHTO M 145-A-1 or AASHTO M 43 - 3, 4	Material shall be worked into the pipe haunches by means of shovel-slicing, rodding, air-tamper, vibratory rod, or other effective methods. Compaction of all placed fill material is necessary and shall be considered adequate when no further yielding of the material is observed under the compactor, or under foot, and the Project Engineer or his representative is satisfied with the level of compaction"
3 Bedding Stone	Well graded granular bedding material w/maximum particle size of 3"	AASHTO M43 - 3,357,4,467, 5, 56, 57	For soil aggregates larger than 3/8" a dedicated bedding layer is not required for CMP. Pipe may be placed on the trench bottom comprised of native suitable well graded & granular material. For Arch pipes it is recommended to be shaped to a relatively flat bottom or fine-grade the foundation to a slight v-shape. Soil aggregates less than 3/8" and unsuitable material should be over-excavated and re-placed with a 4"-6" layer of well graded & granular stone per the material designation.
A Geotextile Layer	None	None	Contech does not recommend geotextiles be placed under the invert of Infiltration systems due to the propensity for geotextiles to clog over time.
* Note: The listed AASHTO designations are for gradation only. The stone must also be angular and clean.			

1 MINIMUM WIDTH DEPENDS ON SITE CONDITIONS AND ENGINEERING JUDGEMENT.

FOUNDATION/BEDDING PREPARATION

2 PRIOR TO PLACING THE BEDDING, THE FOUNDATION MUST BE CONSTRUCTED TO A UNIFORM AND STABLE GRADE. IN THE EVENT THAT UNSUITABLE FOUNDATION MATERIALS ARE ENCOUNTERED DURING EXCAVATION, THEY SHALL BE REMOVED AND BROUGHT BACK TO THE GRADE WITH A FILL MATERIAL AS APPROVED BY THE ENGINEER.

5 HAUNCH ZONE MATERIAL SHALL BE PLACED AND UNIFORMLY COMPACTED WITHOUT SOFT SPOTS.

BACKFILL
MATERIAL SHALL BE PLACED IN 8"-10" MAXIMUM LIFTS. INADEQUATE COMPACTION CAN LEAD TO EXCESSIVE DEFLECTIONS WITHIN THE SYSTEM AND SETTLEMENT OF THE SOILS OVER THE SYSTEM. BACKFILL SHALL BE PLACED SUCH THAT THERE IS NO MORE THAN A TWO-LIFT DIFFERENTIAL BETWEEN THE SIDES OF ANY PIPE IN THE SYSTEM AT ALL TIMES DURING THE BACKFILL PROCESS. BACKFILL SHALL BE ADVANCED ALONG THE LENGTH OF THE SYSTEM AT THE SAME RATE TO AVOID DIFFERENTIAL LOADING ON ANY PIPES IN THE SYSTEM.

EQUIPMENT USED TO PLACE AND COMPACT THE BACKFILL SHALL BE OF A SIZE AND TYPE SO AS NOT TO DISTORT, DAMAGE, OR DISPLACE THE PIPE. ATTENTION MUST BE GIVEN TO PROVIDING ADEQUATE MINIMUM COVER FOR SUCH EQUIPMENT. MAINTAIN BALANCED LOADING ON ALL PIPES IN THE SYSTEM DURING ALL SUCH OPERATIONS.

OTHER ALTERNATE BACKFILL MATERIAL MAY BE ALLOWED DEPENDING ON SITE SPECIFIC CONDITIONS. REFER TO TYPICAL BACKFILL DETAIL FOR MATERIAL REQUIRED.

BACKFILL DETAIL
SCALE: N.T.S.

NOTE:
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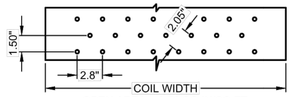
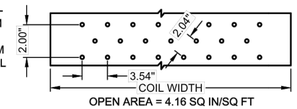
2 2/3" x 1/2" CORRUGATION - STEEL AND ALUMINUM CMP EDGE SPACING EQUAL ON BOTH SIDES



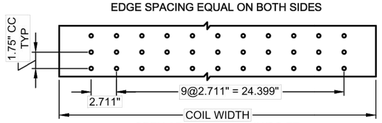
OPEN AREA = 3.76 SQ IN/SQ FT

3" x 1" CORRUGATION - STEEL AND ALUMINUM CMP (COIL PROVIDED FROM CONTECH LANTANA, FL PLANT)



OPEN AREA = 4.16 SQ IN/SQ FT

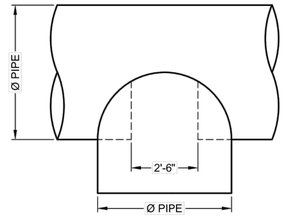
5" x 1" CORRUGATION - STEEL ONLY
EDGE SPACING EQUAL ON BOTH SIDES



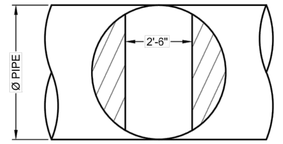
OPEN AREA = 3.33 SQ IN/SQ FT

NOTES:
1. PERFORATIONS MEET AASHTO AND ASTM SPECIFICATIONS.
2. PERFORATION OPEN AREA PER SQUARE FOOT OF PIPE IS BASED ON THE NOMINAL DIAMETER AND LENGTH OF PIPE.
3. ALL DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
4. ALL HOLES Ø3/8".

TYPICAL PERFORATION DETAIL
SCALE: N.T.S.



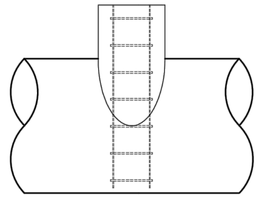
PLAN



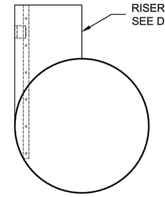
FRONT

TYPICAL MANWAY DETAIL
SCALE: N.T.S.

NOTE:
MANWAY DETAIL APPLICABLE FOR CMP SYSTEMS WITH DIAMETERS 48" AND LARGER. MANWAYS MAY BE REQUIRED ON SMALLER SYSTEMS DEPENDING ON ACTUAL SITE SPECIFIC CONDITIONS.



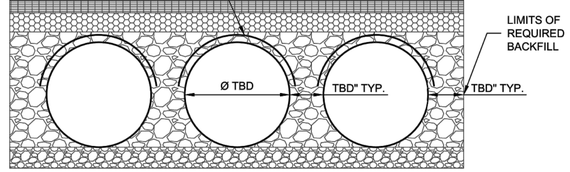
ELEVATION



END

TYPICAL RISER DETAIL
SCALE: N.T.S.

NOTE:
LADDERS ARE OPTIONAL AND ARE NOT REQUIRED FOR ALL SYSTEMS.



TYPICAL SECTION VIEW
LINER OVER ROWS
SCALE: N.T.S.

NOTE: IF SALTING AGENTS FOR SNOW AND ICE REMOVAL ARE USED ON OR NEAR THE PROJECT, AN HDPE MEMBRANE LINER IS RECOMMENDED WITH THE SYSTEM. THE IMPERMEABLE LINER IS INTENDED TO HELP PROTECT THE SYSTEM FROM THE POTENTIAL ADVERSE EFFECTS THAT MAY RESULT FROM A CHANGE IN THE SURROUNDING ENVIRONMENT OVER A PERIOD OF TIME. PLEASE REFER TO THE CORRUGATED METAL PIPE DETENTION DESIGN GUIDE FOR ADDITIONAL INFORMATION.

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CONTECH CMP DETENTION SYSTEMS
CONTECH DYODS DRAWING

DYODS - 14673-1-0
PROJECT NAME: Western Hills Athletic Club
Austin, TX
DESCRIPTION: UDS

PROJECT No.:	SEQ. No.:	DATE:
14673-1	0	4/7/2020
DESIGNED: DYODS	DRAWN: DYODS	
CHECKED:	APPROVED:	
SHEET NO.: D2		

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TBPLS FIRM REGISTRATION NO.: 10065600

NO.	DATE	DESCRIPTION	BY

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DETENTION POND DETAILS

Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

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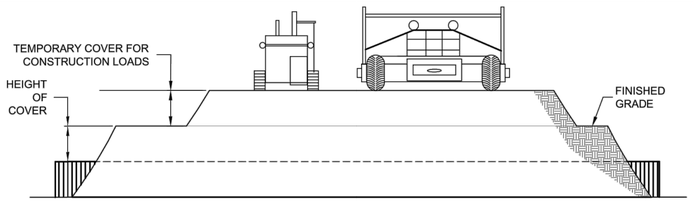
19 OF 26

Files: Y:\863-01_WH_Athletic_Club\CAD\Sheets\542 Detention Pond Details.dwg 22x34



CONSTRUCTION LOADS

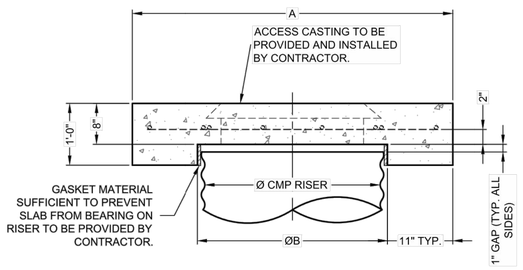
FOR TEMPORARY CONSTRUCTION VEHICLE LOADS, AN EXTRA AMOUNT OF COMPACTED COVER MAY BE REQUIRED OVER THE TOP OF THE PIPE. THE HEIGHT-OF-COVER SHALL MEET THE MINIMUM REQUIREMENTS SHOWN IN THE TABLE BELOW. THE USE OF HEAVY CONSTRUCTION EQUIPMENT NECESSITATES GREATER PROTECTION FOR THE PIPE THAN FINISHED GRADE COVER MINIMUMS FOR NORMAL HIGHWAY TRAFFIC.

PIPE SPAN, INCHES	AXLE LOADS (kips)			
	18-50	50-75	75-110	110-150
	MINIMUM COVER (FT)			
12-42	2.0	2.5	3.0	3.0
48-72	3.0	3.0	3.5	4.0
78-120	3.0	3.5	4.0	4.0
126-144	3.5	4.0	4.5	4.5

*MINIMUM COVER MAY VARY, DEPENDING ON LOCAL CONDITIONS. THE CONTRACTOR MUST PROVIDE THE ADDITIONAL COVER REQUIRED TO AVOID DAMAGE TO THE PIPE. MINIMUM COVER IS MEASURED FROM THE TOP OF THE PIPE TO THE TOP OF THE MAINTAINED CONSTRUCTION ROADWAY SURFACE.

CONSTRUCTION LOADING DIAGRAM

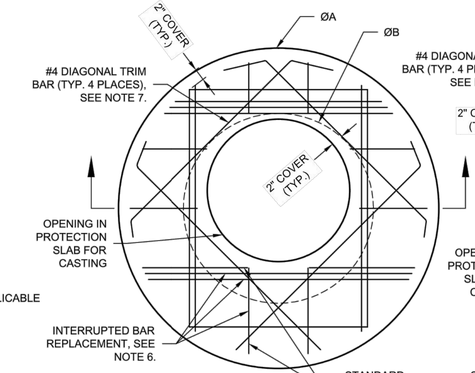
SCALE: N.T.S.



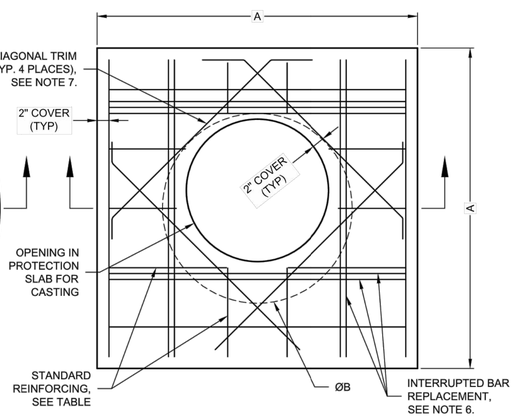
SECTION VIEW

REINFORCING TABLE				
Ø CMP RISER	A	Ø B	REINFORCING	**BEARING PRESSURE (PSF)
24"	Ø 4' 4'X4'	26"	#5 @ 12" OCEW #5 @ 12" OCEW	2,410 1,780
30"	Ø 4'-6" 4'-6" X 4'-6"	32"	#5 @ 12" OCEW #5 @ 12" OCEW	2,120 1,530
36"	Ø 5' 5' X 5'	38"	#5 @ 10" OCEW #5 @ 10" OCEW	1,890 1,350
42"	Ø 5'-6" 5'-6" X 5'-6"	44"	#5 @ 10" OCEW #5 @ 9" OCEW	1,720 1,210
48"	Ø 6' 6' X 6'	50"	#5 @ 9" OCEW #5 @ 8" OCEW	1,600 1,100

** ASSUMED SOIL BEARING CAPACITY



ROUND OPTION PLAN VIEW



SQUARE OPTION PLAN VIEW

SPECIFICATION FOR DESIGNED DETENTION SYSTEM:

SCOPE
THIS SPECIFICATION COVERS THE MANUFACTURE AND INSTALLATION OF THE DESIGNED DETENTION SYSTEM DETAILED IN THE PROJECT PLANS.

MATERIAL
THE MATERIAL SHALL CONFORM TO THE APPLICABLE REQUIREMENTS LISTED BELOW:

ALUMINIZED TYPE 2 STEEL COILS SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF AASHTO M-274 OR ASTM A-92.

THE GALVANIZED STEEL COILS SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF AASHTO M-218 OR ASTM A-929.

THE POLYMER COATED STEEL COILS SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF AASHTO M-246 OR ASTM A-742.

THE ALUMINUM COILS SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF AASHTO M-197 OR ASTM B-744.

CONSTRUCTION LOADS
CONSTRUCTION LOADS MAY BE HIGHER THAN FINAL LOADS. FOLLOW THE MANUFACTURER'S OR NCSPA GUIDELINES.

NOTE:
THESE DRAWINGS ARE FOR CONCEPTUAL PURPOSES AND DO NOT REFLECT ANY LOCAL PREFERENCES OR REGULATIONS. PLEASE CONTACT YOUR LOCAL CONTECH REP FOR MODIFICATIONS.

PIPE
THE PIPE SHALL BE MANUFACTURED IN ACCORDANCE TO THE APPLICABLE REQUIREMENTS LISTED BELOW:

ALUMINIZED TYPE 2: AASHTO M-36 OR ASTM A-760

GALVANIZED: AASHTO M-36 OR ASTM A-760

POLYMER COATED: AASHTO M-245 OR ASTM A-762

ALUMINUM: AASHTO M-196 OR ASTM B-745

HANDLING AND ASSEMBLY
SHALL BE IN ACCORDANCE WITH NCSP'S (NATIONAL CORRUGATED STEEL PIPE ASSOCIATION) FOR ALUMINIZED TYPE 2, GALVANIZED OR POLYMER COATED STEEL. SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS FOR ALUMINUM PIPE.

INSTALLATION
SHALL BE IN ACCORDANCE WITH AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, SECTION 26, DIVISION II DIVISION II OR ASTM A-798 (FOR ALUMINIZED TYPE 2, GALVANIZED OR POLYMER COATED STEEL) OR ASTM B-788 (FOR ALUMINUM PIPE) AND IN CONFORMANCE WITH THE PROJECT PLANS AND SPECIFICATIONS. IF THERE ARE ANY INCONSISTENCIES OR CONFLICTS THE CONTRACTOR SHOULD DISCUSS AND RESOLVE WITH THE SITE ENGINEER.

IT IS ALWAYS THE RESPONSIBILITY OF THE CONTRACTOR TO FOLLOW OSHA GUIDELINES FOR SAFE PRACTICES.

NOTES:

1. DESIGN IN ACCORDANCE WITH AASHTO, 17th EDITION.
2. DESIGN LOAD HS25.
3. EARTH COVER = 1' MAX.
4. CONCRETE STRENGTH = 3,500 psi
5. REINFORCING STEEL = ASTM A615, GRADE 60.
6. PROVIDE ADDITIONAL REINFORCING AROUND OPENINGS EQUAL TO THE BARS INTERRUPTED, HALF EACH SIDE. ADDITIONAL BARS TO BE IN THE SAME PLANE.
7. TRIM OPENING WITH DIAGONAL #4 BARS, EXTEND BARS A MINIMUM OF 12" BEYOND OPENING, BEND BARS AS REQUIRED TO MAINTAIN BAR COVER.
8. PROTECTION SLAB AND ALL MATERIALS TO BE PROVIDED AND INSTALLED BY CONTRACTOR.
9. DETAIL DESIGN BY DELTA ENGINEERING, BINGHAMTON, NY.

MANHOLE CAP DETAIL

SCALE: N.T.S.

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www.ContechES.com
9025 Centre Pointe Dr., Suite 400, West Chester, OH 45069
800-338-1122 513-645-7000 513-645-7993 FAX

CONTECH CMP DETENTION SYSTEMS
CONTECH DYODS DRAWING

DYODS - 14673-1-0
PROJECT NAME: Western Hills Athletic Club
Austin, TX
DESCRIPTION: UDS

PROJECT No.:	SEQ. No.:	DATE:
14673-1	0	4/7/2020
DESIGNED: DYODS	DRAWN: DYODS	
CHECKED:	APPROVED:	
SHEET NO.: D3		

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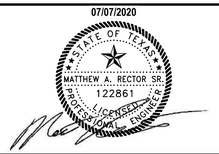
07/07/2020



mwm DesignGroup
305 East Huntland Drive
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TBAE FIRM REGISTRATION NO.: 1452
TBPE FIRM REGISTRATION NO.: F-1416
TBPLS FIRM REGISTRATION NO.: 10065600

NO.	DATE	DESCRIPTION	BY

0 1"
The bar above measures one inch on the original drawing. Adjust scales accordingly.

DETENTION POND DETAILS

Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

545

20 OF 26

Files: Y:\863-01_WH_Athletic_Club\CAD\Sheets\545 Detention Pond Details.dwg 22x34

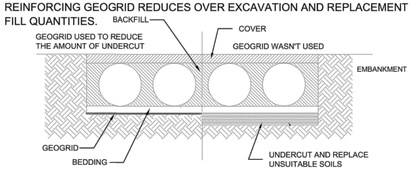
CMP DETENTION INSTALLATION GUIDE

PROPER INSTALLATION OF A FLEXIBLE UNDERGROUND DETENTION SYSTEM WILL ENSURE LONG-TERM PERFORMANCE. THE CONFIGURATION OF THESE SYSTEMS OFTEN REQUIRES SPECIAL CONSTRUCTION PRACTICES THAT DIFFER FROM CONVENTIONAL FLEXIBLE PIPE CONSTRUCTION. CONTECH ENGINEERED SOLUTIONS STRONGLY SUGGESTS SCHEDULING A PRE-CONSTRUCTION MEETING WITH YOUR LOCAL SALES ENGINEER TO DETERMINE IF ADDITIONAL MEASURES, NOT COVERED IN THIS GUIDE, ARE APPROPRIATE FOR YOUR SITE.

FOUNDATION

CONSTRUCT A FOUNDATION THAT CAN SUPPORT THE DESIGN LOADING APPLIED BY THE PIPE AND ADJACENT BACKFILL WEIGHT AS WELL AS MAINTAIN ITS INTEGRITY DURING CONSTRUCTION.

IF SOFT OR UNSUITABLE SOILS ARE ENCOUNTERED, REMOVE THE POOR SOILS DOWN TO A SUITABLE DEPTH AND THEN BUILD UP TO THE APPROPRIATE ELEVATION WITH A COMPETENT BACKFILL MATERIAL. THE STRUCTURAL FILL MATERIAL GRADATION SHOULD NOT ALLOW THE MIGRATION OF FINES, WHICH CAN CAUSE SETTLEMENT OF THE DETENTION SYSTEM OR PAVEMENT ABOVE. IF THE STRUCTURAL FILL MATERIAL IS NOT COMPATIBLE WITH THE UNDERLYING SOILS AN ENGINEERING FABRIC SHOULD BE USED AS A SEPARATOR. IN SOME CASES, USING A STIFF REINFORCING GEOGRID REDUCES OVER EXCAVATION AND REPLACEMENT FILL QUANTITIES.

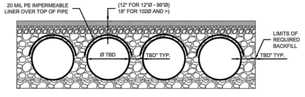


GRADE THE FOUNDATION SUBGRADE TO A UNIFORM OR SLIGHTLY SLOPING GRADE. IF THE SUBGRADE IS CLAY OR RELATIVELY NON-POROUS AND THE CONSTRUCTION SEQUENCE WILL LAST FOR AN EXTENDED PERIOD OF TIME, IT IS BEST TO SLOPE THE GRADE TO ONE END OF THE SYSTEM. THIS WILL ALLOW EXCESS WATER TO DRAIN QUICKLY, PREVENTING SATURATION OF THE SUBGRADE.

GEOMEMBRANE BARRIER

A SITE'S RESISTIVITY MAY CHANGE OVER TIME WHEN VARIOUS TYPES OF SALTING AGENTS ARE USED, SUCH AS ROAD SALTS FOR DEICING AGENTS. IF SALTING AGENTS ARE USED ON OR NEAR THE PROJECT SITE, A GEOMEMBRANE BARRIER IS RECOMMENDED WITH THE SYSTEM. THE GEOMEMBRANE LINER IS INTENDED TO HELP PROTECT THE SYSTEM FROM THE POTENTIAL ADVERSE EFFECTS THAT MAY RESULT FROM THE USE OF SUCH AGENTS INCLUDING PREMATURE CORROSION AND REDUCED ACTUAL SERVICE LIFE.

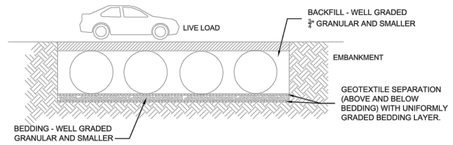
THE PROJECT'S ENGINEER OF RECORD IS TO EVALUATE WHETHER SALTING AGENTS WILL BE USED ON OR NEAR THE PROJECT SITE, AND USE HIS/HER BEST JUDGEMENT TO DETERMINE IF ANY ADDITIONAL PROTECTIVE MEASURES ARE REQUIRED. BELOW IS A TYPICAL DETAIL SHOWING THE PLACEMENT OF A GEOMEMBRANE BARRIER FOR PROJECTS WHERE SALTING AGENTS ARE USED ON OR NEAR THE PROJECT SITE.



IN-SITU TRENCH WALL

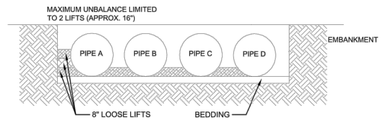
IF EXCAVATION IS REQUIRED, THE TRENCH WALL NEEDS TO BE CAPABLE OF SUPPORTING THE LOAD THAT THE PIPE SHEDS AS THE SYSTEM IS LOADED. IF SOILS ARE NOT CAPABLE OF SUPPORTING THESE LOADS, THE PIPE CAN DEFLECT. PERFORM A SIMPLE SOIL PRESSURE CHECK USING THE APPLIED LOADS TO DETERMINE THE LIMITS OF EXCAVATION BEYOND THE SPRING LINE OF THE OUTER MOST PIPES.

IN MOST CASES THE REQUIREMENTS FOR A SAFE WORK ENVIRONMENT AND PROPER BACKFILL PLACEMENT AND COMPACTION TAKE CARE OF THIS CONCERN.



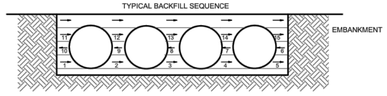
BACKFILL PLACEMENT

MATERIAL SHALL BE WORKED INTO THE PIPE HAUNCHES BY MEANS OF SHOVEL-SLICING, RODDING, AIR TAMPER, VIBRATORY ROD, OR OTHER EFFECTIVE METHODS.

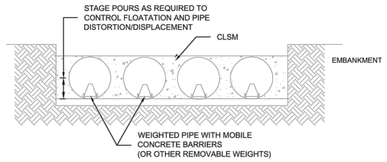


IF AASHTO T99 PROCEDURES ARE DETERMINED INFEASIBLE BY THE GEOTECHNICAL ENGINEER OF RECORD, COMPACTION IS CONSIDERED ADEQUATE WHEN NO FURTHER YIELDING OF THE MATERIAL IS OBSERVED UNDER THE COMPACTOR, OR UNDER FOOT, AND THE GEOTECHNICAL ENGINEER OF RECORD (OR REPRESENTATIVE THEREOF) IS SATISFIED WITH THE LEVEL OF COMPACTION.

FOR LARGE SYSTEMS, CONVEYOR SYSTEMS, BACKHOES WITH LONG REACHES OR DRAGLINES WITH STONE BUCKETS MAY BE USED TO PLACE BACKFILL. ONCE MINIMUM COVER FOR CONSTRUCTION LOADING ACROSS THE ENTIRE WIDTH OF THE SYSTEM IS REACHED, ADVANCE THE EQUIPMENT TO THE END OF THE RECENTLY PLACED FILL, AND BEGIN THE SEQUENCE AGAIN UNTIL THE SYSTEM IS COMPLETELY BACKFILLED. THIS TYPE OF CONSTRUCTION SEQUENCE PROVIDES ROOM FOR STOCKPILED BACKFILL DIRECTLY BEHIND THE BACKHOE, AS WELL AS THE MOVEMENT OF CONSTRUCTION TRAFFIC. MATERIAL STOCKPILES ON TOP OF THE BACKFILLED DETENTION SYSTEM SHOULD BE LIMITED TO 8- TO 10-FEET HIGH AND MUST PROVIDE BALANCED LOADING ACROSS ALL BARRELS. TO DETERMINE THE PROPER COVER OVER THE PIPES TO ALLOW THE MOVEMENT OF CONSTRUCTION EQUIPMENT SEE TABLE 1, OR CONTACT YOUR LOCAL CONTECH SALES ENGINEER.



WHEN FLOWABLE FILL IS USED, YOU MUST PREVENT PIPE FLOATATION. TYPICALLY, SMALL LIFTS ARE PLACED BETWEEN THE PIPES AND THEN ALLOWED TO SET-UP PRIOR TO THE PLACEMENT OF THE NEXT LIFT. THE ALLOWABLE THICKNESS OF THE CLSM LIFT IS A FUNCTION OF A PROPER BALANCE BETWEEN THE UPLIFT FORCE OF THE CLSM, THE OPPOSING WEIGHT OF THE PIPE, AND THE EFFECT OF OTHER RESTRAINING MEASURES. THE PIPE CAN CARRY LIMITED FLUID PRESSURE WITHOUT PIPE DISTORTION OR DISPLACEMENT, WHICH ALSO AFFECTS THE CLSM LIFT THICKNESS. YOUR LOCAL CONTECH SALES ENGINEER CAN HELP DETERMINE THE PROPER LIFT THICKNESS.

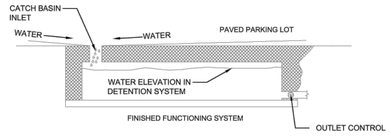


CONSTRUCTION LOADING

TYPICALLY, THE MINIMUM COVER SPECIFIED FOR A PROJECT ASSUMES H-20 LIVE LOAD. BECAUSE CONSTRUCTION LOADS OFTEN EXCEED DESIGN LIVE LOADS, INCREASED TEMPORARY MINIMUM COVER REQUIREMENTS ARE NECESSARY. SINCE CONSTRUCTION EQUIPMENT VARIES FROM JOB TO JOB, IT IS BEST TO ADDRESS EQUIPMENT SPECIFIC MINIMUM COVER REQUIREMENTS WITH YOUR LOCAL CONTECH SALES ENGINEER DURING YOUR PRE-CONSTRUCTION MEETING.

ADDITIONAL CONSIDERATIONS

BECAUSE MOST SYSTEMS ARE CONSTRUCTED BELOW-GRADE, RAINFALL CAN RAPIDLY FILL THE EXCAVATION; POTENTIALLY CAUSING FLOATATION AND MOVEMENT OF THE PREVIOUSLY PLACED PIPES. TO HELP MITIGATE POTENTIAL PROBLEMS, IT IS BEST TO START THE INSTALLATION AT THE DOWNSTREAM END WITH THE OUTLET ALREADY CONSTRUCTED TO ALLOW A ROUTE FOR THE WATER TO ESCAPE. TEMPORARY DIVERSION MEASURES MAY BE REQUIRED FOR HIGH FLOWS DUE TO THE RESTRICTED NATURE OF THE OUTLET PIPE.



CMP DETENTION SYSTEM INSPECTION AND MAINTENANCE

UNDERGROUND STORMWATER DETENTION AND INFILTRATION SYSTEMS MUST BE INSPECTED AND MAINTAINED AT REGULAR INTERVALS FOR PURPOSES OF PERFORMANCE AND LONGEVITY.

INSPECTION

INSPECTION IS THE KEY TO EFFECTIVE MAINTENANCE OF CMP DETENTION SYSTEMS AND IS EASILY PERFORMED. CONTECH RECOMMENDS ONGOING, QUARTERLY INSPECTIONS. THE RATE AT WHICH THE SYSTEM COLLECTS POLLUTANTS WILL DEPEND MORE ON SITE SPECIFIC ACTIVITIES RATHER THAN THE SIZE OR CONFIGURATION OF THE SYSTEM.

INSPECTIONS SHOULD BE PERFORMED MORE OFTEN IN EQUIPMENT WASHDOWN AREAS, IN CLIMATES WHERE SANDING AND/OR SALTING OPERATIONS TAKE PLACE, AND IN OTHER VARIOUS INSTANCES IN WHICH ONE WOULD EXPECT HIGHER ACCUMULATIONS OF SEDIMENT OR ABRASIVE/ CORROSIVE CONDITIONS. A RECORD OF EACH INSPECTION IS TO BE MAINTAINED FOR THE LIFE OF THE SYSTEM

MAINTENANCE

CMP DETENTION SYSTEMS SHOULD BE CLEANED WHEN AN INSPECTION REVEALS ACCUMULATED SEDIMENT OR TRASH IS CLOGGING THE DISCHARGE ORIFICE.

ACCUMULATED SEDIMENT AND TRASH CAN TYPICALLY BE EVACUATED THROUGH THE MANHOLE OVER THE OUTLET ORIFICE. IF MAINTENANCE IS NOT PERFORMED AS RECOMMENDED, SEDIMENT AND TRASH MAY ACCUMULATE IN FRONT OF THE OUTLET ORIFICE. MANHOLE COVERS SHOULD BE SECURELY SEATED FOLLOWING CLEANING ACTIVITIES. CONTECH SUGGESTS THAT ALL SYSTEMS BE DESIGNED WITH AN ACCESS/INSPECTION MANHOLE SITUATED AT OR NEAR THE INLET AND THE OUTLET ORIFICE. SHOULD IT BE NECESSARY TO GET INSIDE THE SYSTEM TO PERFORM MAINTENANCE ACTIVITIES, ALL APPROPRIATE PRECAUTIONS REGARDING CONFINED SPACE ENTRY AND OSHA REGULATIONS SHOULD BE FOLLOWED.

ANNUAL INSPECTIONS ARE BEST PRACTICE FOR ALL UNDERGROUND SYSTEMS. DURING THIS INSPECTION, IF EVIDENCE OF SALTING/DE-ICING AGENTS IS OBSERVED WITHIN THE SYSTEM, IT IS BEST PRACTICE FOR THE SYSTEM TO BE RINSED, INCLUDING ABOVE THE SPRING LINE SOON AFTER THE SPRING THAW AS PART OF THE MAINTENANCE PROGRAM FOR THE SYSTEM.

MAINTAINING AN UNDERGROUND DETENTION OR INFILTRATION SYSTEM IS EASIEST WHEN THERE IS NO FLOW ENTERING THE SYSTEM. FOR THIS REASON, IT IS A GOOD IDEA TO SCHEDULE THE CLEANOUT DURING DRY WEATHER.

THE FOREGOING INSPECTION AND MAINTENANCE EFFORTS HELP ENSURE UNDERGROUND PIPE SYSTEMS USED FOR STORMWATER STORAGE CONTINUE TO FUNCTION AS INTENDED BY IDENTIFYING RECOMMENDED REGULAR INSPECTION AND MAINTENANCE PRACTICES. INSPECTION AND MAINTENANCE RELATED TO THE STRUCTURAL INTEGRITY OF THE PIPE OR THE SOUNDNESS OF PIPE JOINT CONNECTIONS IS BEYOND THE SCOPE OF THIS GUIDE.

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9025 Centre Pointe Dr., Suite 400, West Chester, OH 45069
800-338-1122 513-645-7000 513-645-7993 FAX

CONTECH CMP DETENTION SYSTEMS

CONTECH **DYODS** DRAWING

DYODS - 14673-1-0
PROJECT NAME: Western Hills Athletic Club
Austin, TX
DESCRIPTION: UDS

PROJECT No.:	SEQ. No.:	DATE:
14673-1	0	4/7/2020
DESIGNED: DYODS	DRAWN: DYODS	
CHECKED:	APPROVED:	
SHEET NO.: D4		

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07/07/2020

STATE OF TEXAS
MATTHEW A. RECTOR SR.
122861
LICENSED PROFESSIONAL ENGINEER

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p: 512.453.0767
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TBAE FIRM REGISTRATION NO.: 1452
TBPE FIRM REGISTRATION NO.: F-1416
TBPLS FIRM REGISTRATION NO.: 10065600

NO.	DATE	DESCRIPTION	BY

0 1"
The bar above measures one inch on the original drawing. Adjust scales accordingly.

DETENTION POND DETAILS

Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

546

21 OF 26

File: Y:\863-01_WH_Athletic_Club\CAD\Sheets\942 Detention Pond Details.dwg 22x34

LANDSCAPE NOTES

1. THE CONTRACTOR SHALL LOCATE AND VERIFY THE EXISTENCE OF ALL OVERHEAD AND UNDERGROUND UTILITIES (INCLUDING THOSE PROPOSED WITH THIS PROJECT, I.E. IRRIGATION, WASTEWATER, WATER, STORM SEWER, GAS, TELECOM, FIBER OPTIC, ELECTRIC, ETC.) PRIOR TO STARTING WORK.

2. INFORMATION PROVIDED ON THIS PLAN IS GENERAL IN NATURE; DIMENSIONS, AREAS, AND DISTANCES ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED PRIOR TO BIDDING. DISCREPANCIES SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT FOR RESOLUTION PRIOR TO STARTING WORK.

3. THE CONTRACTOR IS TO THOROUGHLY FAMILIARIZE HIM/HERSELF WITH ALL PLANS, SPECIFICATIONS AND THE SITE PRIOR TO BIDDING. FAILURE TO DO SO WILL NOT REDUCE THE CONTRACTOR'S OBLIGATION TO PERFORM THE WORK AS DESCRIBED FOR THE PRICE BID.

4. QUANTITIES SHOWN ARE INTENDED TO ASSIST CONTRACTORS IN EVALUATING THEIR OWN TAKE OFFS AND ARE NOT GUARANTEED AS ACCURATE REPRESENTATIONS OF REQUIRED MATERIALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIS BID QUANTITIES AND IS REQUIRED TO REFLECT THE DESIGN INTENT.

5. ALL PLANT MATERIALS SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE CURRENT AMERICAN STANDARD FOR NURSERY STOCK, PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, OR EQUIVALENT

6. NO SUBSTITUTIONS OF PLANT MATERIAL LOCATIONS, SPECIES OR SIZE WILL BE ALLOWED WITHOUT PRIOR APPROVAL OF THE LANDSCAPE ARCHITECT. ALL PLANT MATERIALS SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

7. AS PART OF THE BASE BID, THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ALL LANDSCAPE MAINTENANCE AS INDICATED IN THE PROJECT SPECIFICATIONS (INCLUDING, BUT NOT LIMITED TO MOWING, WATERING, REPLACEMENT OF UNACCEPTABLE, DISEASED OR DEAD PLANTS, ETC.) AND WEED CONTROL UNTIL FINAL ACCEPTANCE BY OWNER.

8. CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIAL TO BE ALIVE AND BE IN A HEALTHY, VIGOROUS CONDITION FOR A PERIOD OF ONE YEAR FROM THE DATE OF COMPLETION OF THE ENTIRE PROJECT OR OTHER DATE(S) ESTABLISHED BY THE LANDSCAPE ARCHITECT, OR OWNER, EXCEPT AS MAY RESULT FROM NEGLECT OR DAMAGE BY THE OWNER, DAMAGE BY OTHERS OR UNUSUAL PHENOMENA BEYOND THE CONTRACTORS CONTROL.

9. CONTRACTOR SHALL REPLACE ALL DEAD, AND/OR UNHEALTHY PLANT MATERIALS AND/OR PLANT MATERIALS THAT HAVE PARTIALLY DIED PURSUANT TO THE CONDITION OF THE WARRANTY AT NO EXPENSE TO THE OWNER. DEAD MATERIALS MUST BE REPLACED WITHIN 10 BUSINESS DAYS PER TECHNICAL PROVISIONS. RE-WARRANT REPLACEMENT PLANTS FOR AN ADDITIONAL ONE YEAR UNDER THE SAME TERMS AS THE ORIGINAL WARRANTY. PLANT MATERIALS USED FOR REPLACEMENT SHALL BE THE SAME SPECIES, SIZE AND SHAPE.

10. ALL PLANTS SHALL BE HEALTHY, VIGOROUS AND REPRESENTATIVE OF THE SPECIES SPECIFIED. ALL PLANTS SHALL BE WELL BRANCHED, PROPORTIONED, AND FREE OF ALL INSECTS, DISEASES, BARK BRUISES, SCRAPES, CRACKED BRANCHES AND PHYSICAL DAMAGE. PLANTS SHALL BE BALLED AND WRAPPED OR CONTAINER GROWN AS SPECIFIED. NO PLANT MATERIALS WILL BE ACCEPTED IF IT IS ROOT BOUND. ALL ROOT WRAPPING MATERIAL SHALL BE REMOVED AT TIME OF PLANTING, AS SHOWN ON DETAILS.

11. ALL PLANTS SHALL BE INSTALLED AS PER DETAILS AND THE CONTRACT SPECIFICATIONS.

12. ALL PLANTS AND STAKES SHALL BE SET PLUMB UNLESS OTHERWISE SPECIFIED.

13. THE LANDSCAPE CONTRACTOR SHALL REFER TO THE CONTRACT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

14. INSTALLATION OF LANDSCAPE SHALL BE PERFORMED BY A QUALIFIED LANDSCAPE INSTALLER WITH A MINIMUM OF FIVE YEARS CONTINUOUS EXPERIENCE OF INSTALLING LANDSCAPE PLANTINGS OF SIMILAR SIZE AND SCOPE.

15. CONTRACTOR SHALL PROVIDE MAINTENANCE FOR LANDSCAPE & IRRIGATION SYSTEM FOR 12 MONTHS FOLLOWING FINAL ACCEPTANCE OF ENTIRE PROJECT.

16. LANDSCAPE MATERIALS SHALL BE LOCATED SO AS NOT TO OBSTRUCT VISUAL OR PHYSICAL ACCESS TO FIRE HYDRANTS. ALL LANDSCAPE MATERIALS SHALL BE INSTALLED IN CONFORMANCE WITH UTILITY COMPANY REQUIREMENTS AT TRANSFORMERS, METERS, OVERHEAD LINES, ETC. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.

17. EXECUTE ALL LANDSCAPING AND REVEGETATION PRIOR TO REQUEST FOR CERTIFICATE OF OCCUPANCY, FINAL INSPECTION OR AS OTHERWISE DIRECTED BY THE LANDSCAPE ARCHITECT OR OWNER. HOWEVER, NO PLANT MATERIALS SHALL BE INSTALLED BEFORE ROUGH GRADING HAS BEEN COMPLETED AND APPROVED BY THE LANDSCAPE ARCHITECT, OWNER OR OWNER'S DESIGNATED REPRESENTATIVE. FULLY PREPARE ALL LANDSCAPE BEDS (INCLUDING IRRIGATION) PRIOR TO INSTALLATION OF LANDSCAPE PLANTS.

18. SITE STOCKPILED TOPSOIL MAY BE USED IF IT HAS BEEN DEEMED ACCEPTABLE IN QUALITY AND APPROVED BY LANDSCAPE ARCHITECT.

19. ALL PLANTS SHALL BEAR THE SAME RELATIONSHIP TO FINISHED GRADE AS THE PLANT'S ORIGINAL GRADE BEFORE DIGGING.

20. THE LANDSCAPE CONTRACTOR SHALL PROVIDE AN IRRIGATION SYSTEM FULLY COMPLIANT WITH TCEQ REQUIREMENTS AND COMPLIANT WITH THE LANDSCAPE IRRIGATION NOTES AND CONTRACT SPECIFICATIONS.

LANDSCAPE IRRIGATION NOTES

AUTOMATIC IRRIGATION SYSTEMS SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS. THESE REQUIREMENTS SHALL BE NOTED ON THE SITE DEVELOPMENT PERMIT AND SHALL BE IMPLEMENTED AS PART OF THE LANDSCAPE INSPECTION:

1. A NEW COMMERCIAL AND MULTI-FAMILY IRRIGATION SYSTEM MUST BE DESIGNED AND INSTALLED SO THAT:

(A) THERE IS NOT DIRECT OVERSPRAY ONTO NON-IRRIGATED AREAS;

(B) THE SYSTEM DOES NOT INCLUDE SPRAY IRRIGATION ON AREAS LESS THAN SIX (6) FEET WIDE (SUCH AS MEDIANS, BUFFER STRIPS, AND PARKING LOT ISLANDS)

(C) ABOVE-GROUND IRRIGATION EMISSION DEVICES ARE SET BACK AT LEAST SIX (6) INCHES FROM IMPERVIOUS SURFACES;

(D) THE IRRIGATION SYSTEM HAS A MASTER VALVE;

(E) CIRCUIT REMOTE CONTROL VALVES HAVE ADJUSTABLE FLOW CONTROLS;

(F) SERVICEABLE IN-HEAD CHECK VALVES ARE ADJACENT TO PAVED AREAS WHERE ELEVATION DIFFERENCES MAY CAUSE LOW HEAD DRAINAGE;

(G) THE IRRIGATION SYSTEM HAS A CITY- APPROVED WEATHER BASED CONTROLLER;

(H) AN AUTOMATIC RAIN SHUT-OFF DEVICE SHUTS OFF THE IRRIGATION SYSTEM AUTOMATICALLY AFTER NOT MORE THAN A ONE-HALF INCH (1/2") RAINFALL;

(I) ZONE VALVES AND CIRCUITS ARE SEPARATED BASED ON PLANT WATER REQUIREMENTS;

(J) AN IRRIGATION EMISSION DEVICE (SUCH AS SPRAY, ROTOR, OR DRIP EMITTER) DOES NOT EXCEED THE MANUFACTURER'S RECOMMENDED OPERATING PRESSURE; AND

(K) NO COMPONENT OF THE IRRIGATION SYSTEM DEVIATES FROM THE MANUFACTURER'S RECOMMENDED USE OF THE PRODUCT.

2. THE MAXIMUM SPACING BETWEEN SPRAY OR ROTARY SPRINKLER HEADS MUST NOT EXCEED THE RADIUS OF THROW OF THE HEAD UNLESS MANUFACTURER OF THE SPRINKLER HEAD SPECIFICALLY RECOMMENDS A GREATER SPACING. THE RADIUS OF THROW IS DETERMINED BY REFERENCE TO THE MANUFACTURER'S SPECIFICATIONS FOR A SPECIFIC NOZZLE AT A SPECIFIC OPERATING PRESSURE.

3. THE IRRIGATION INSTALLER SHALL DEVELOP AND PROVIDE AN AS-BUILT DESIGN PLAN AND WATER BUDGET TO THE CITY AT THE TIME THE FINAL PLUMBING INSPECTION IS PERFORMED. THE WATER BUDGET SHALL INCLUDE:

(A) A CHART CONTAINING ZONE NUMBERS, PRECIPITATION RATE, AND GALLONS PER MINUTE; AND

(B) THE LOCATION OF THE EMERGENCY IRRIGATION SYSTEM SHUT-OFF VALVE. A LAMINATED COPY OF THE WATER BUDGET SHALL BE PERMANENTLY INSTALLED INSIDE THE IRRIGATION CONTROLLER DOOR.

4. IRRIGATION CONTRACTOR SHALL PROVIDE A COMPLETE AS-BUILT PLAN TO OWNER, OR OWNER'S DESIGNATED REPRESENTATIVE SHOWING ALL IRRIGATION COMPONENTS AND SIZE OF COMPONENTS, INCLUDING WATER PRESSURE, MAIN LINE, LATERAL LINES, VALVES, HEADS, BACKFLOW DEVICE, CONTROLLER, QUICK COUPLERS, ETC.

5. COMPLY WITH ALL APPLICABLE TCEQ IRRIGATION RULES AND REGULATIONS.

6. CONTRACTOR IS TO VERIFY PRESSURE AND WATER SUPPLY CHARACTERISTICS ARE ADEQUATE FOR THIS INSTALLATION. ANY DISCREPANCIES OR INADEQUACIES SHALL BE REPORTED TO THE OWNER IMMEDIATELY, BEFORE STARTING CONSTRUCTION. DESIGN PRESSURE IS 65 PSI AT 45 GMP.

7. CONTRACTOR SHALL OBTAIN ALL PERMITS AND HANDLE ALL INSPECTIONS FOR THIS WORK AS REQUIRED BY LOCAL REGULATIONS AND SHALL PAY ALL FEES ASSOCIATED WITH THESE PERMIT(S).

8. VERIFY LOCATION OF CONTROLLER, WATER SUPPLY; SITE CONDITIONS MAY VARY. OPERABLE IRRIGATION EQUIPMENT (VALVES, QUICK COUPLERS, BFP, ETC.) SHALL BE INSTALLED SEPARATELY IN VALVE BOXES.

9. ALL HEADS SHALL BE INSTALLED ON TRIPLE SWING JOINTS. HEADS SHALL BE NOT BE LOCATED CLOSER THAN 6" FROM PAVEMENT.

10. ADJUST RADII AND SPRAY PATTERNS TO ELIMINATE OVERSPRAY ONTO BUILDINGS, SIDEWALKS, FENCES, DRIVEWAYS, ROADWAYS, ETC.

11. ALL PAVEMENT CROSSINGS (LATERALS, WIRING, MAINLINE, ETC.) SHALL OCCUR WITHIN SLEEVES. INCLUDING SIDEWALKS, DRIVEWAYS, TRAILS, BIKE WAYS, ROADWAYS, ETC.

12. PRIOR TO CONSTRUCTION, VERIFY WITH THE GENERAL CONTRACTOR AND ALL UTILITY COMPANIES THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES. IMMEDIATELY REPORT ANY BREAKAGES TO THE APPROPRIATE UTILITY COMPANY.

13. THE CONTRACTOR IS TO INSTALL ALL SLEEVES IN SEQUENCE WITH OTHER CONSTRUCTION ACTIVITIES, AND WILL BE RESPONSIBLE FOR COORDINATING WITH OTHER SITE CONTRACTORS FOR THIS WORK. ADEQUATELY MARK THE LOCATIONS OF ALL SLEEVES AND PIPE CONNECTION POINTS TO EXISTING LINES.

14. INSTALL THE MAIN LINE A MINIMUM OF 15" DEEP AND LATERAL LINES MIN. 12" DEEP.

15. PROVIDE A NEW WATER PROOF TAG WITH CONTRACTOR'S NAME AND TELEPHONE NUMBER CLEARLY SHOWN AND SECURELY ATTACHED TO THE INSIDE OF THE CONTROLLER DOOR.

TREE MITIGATION/REPLACEMENT LIST

TREE TAG	TREE TYPE	SIZE (INCHES)				TOTAL CALIPER (INCHES)	REPLACEMENT FACTOR	REPLACEMENT INCHES REQUIRED	REASON FOR REMOVAL/MITIGATION	REPLACEMENT TREE TYPE	PROPOSED TREE CALIPER (INCHES)
16910	Chinaberry	9.00				9.0	0%	-	Invasive		
16912	Ligustrum	8.00	6.0			11.0	0%	-	Invasive		
20033	Chinaberry	9.00				9.0	0%	-	Invasive		
20038	Chinaberry	15.00				15.0	0%	-	Invasive		
20047	Live Oak	12.00				12.0	25%	3.00	Construction	MEXICAN SYCAMORE	4.00
20088	Live Oak	14.00				14.0	25%	3.50	Construction	MEXICAN SYCAMORE	4.00
20089	Live Oak	11.00				11.0	0%	-	Construction		
20093	Live Oak	18.00				18.0	25%	4.50	Construction	CEDAR ELM	6.00
20094	Live Oak	12.00				12.0	25%	3.00	Construction	MEXICAN SYCAMORE	4.00
20095	Live Oak	10.00				10.0	0%	-	Construction		
20096	Live Oak	11.00				11.0	0%	-	Construction		
20097	Live Oak	9.00				9.0	0%	-	Construction		
20098	Live Oak	12.00				12.0	25%	3.00	Construction	MEXICAN SYCAMORE	4.00
20099	Live Oak	15.00				15.0	25%	3.75	Construction	TEXAS ASH	4.00
20100	Live Oak	12.00				12.0	25%	3.00	Construction	TEXAS ASH	4.00
20101	Live Oak	13.00				13.0	25%	3.25	Construction	TEXAS ASH	4.00
20102	Live Oak*	19.00	17.0			27.5	25%	6.00	Construction	CEDAR ELM	6.00
20103	Live Oak	20.00				20.0	25%	5.00	Construction	CEDAR ELM	6.00
20105	Cedar Elm	15.00				15.0	25%	3.75	Construction	CEDAR ELM	4.00
20106	Live Oak	10.00				10.0	0%	-	Construction		
20107	Live Oak	12.00				12.0	25%	3.00	Construction	CEDAR ELM	4.00
20108	Live Oak	7.00				7.0	0%	-	Construction		-
20109	Live Oak	12.00				12.0	25%	3.00	Construction	TEXAS ASH	4.00
					TOTAL INCHES REMOVED	296.50	TOTAL REPLACEMENT INCHES REQUIRED	33.75	TOTAL REPLACEMENT INCHES PROVIDED		40.00

* Only replacing 6" maximum, as allowed by code

NOTE:
TOTAL CALIPER OF REPLACEMENT INCHES MUST EQUAL REQUIRED INCHES AS MEASURED AT DBH.

PLANT LIST

COMMON NAME	BOTANICAL NAME	SIZE	COMMENT
CEDAR ELM	ULMUS CRASSIFOLIA	6" CALIPER	12' HT., SINGLE TRUNK, B&B OR CONTAINER/BOX
CEDAR ELM	ULMUS CRASSIFOLIA	4" CALIPER	12' HT., SINGLE TRUNK, B&B OR CONTAINER/BOX
MEXICAN SYCAMORE	PLATANUS MEXICANA	4" CALIPER	12' HT., SINGLE TRUNK, B&B OR CONTAINER/BOX
TEXAS ASH	FRAXINUS TEXENSIS	4" CALIPER	12' HT., SINGLE TRUNK, B&B OR CONTAINER/BOX
BLUE MISTFLOWER	CONOCLINIUM COELESTINUM	1 GAL	EQUAL SPACING
BIG MUHLY	MUHLENBERGIA LINDHEIMERI	1 GAL	EQUAL SPACING
OBEDIENT PLANT	PHYSOSTEGIA VIRGINIANA	1 GAL	EQUAL SPACING
BERMUDA SOD	CYNODON DACTYLON	SOD	AS SHOWN

REGISTERED LANDSCAPE ARCHITECT
DAVID J. CAZARES
1871
STATE OF TEXAS
07/07/2020

mwm DesignGroup
305 East Huntland Drive
Suite 200
Austin, Texas 78752
p: 512.453.0767
f: 512.453.1734

TBAE FIRM REGISTRATION NO.: 1452
TBPE FIRM REGISTRATION NO.: F-1416
TBPLS FIRM REGISTRATION NO.: 10065600

NO.	DATE	DESCRIPTION	BY

0 1"
The bar above measures one inch on the original drawing. Adjust scales accordingly.

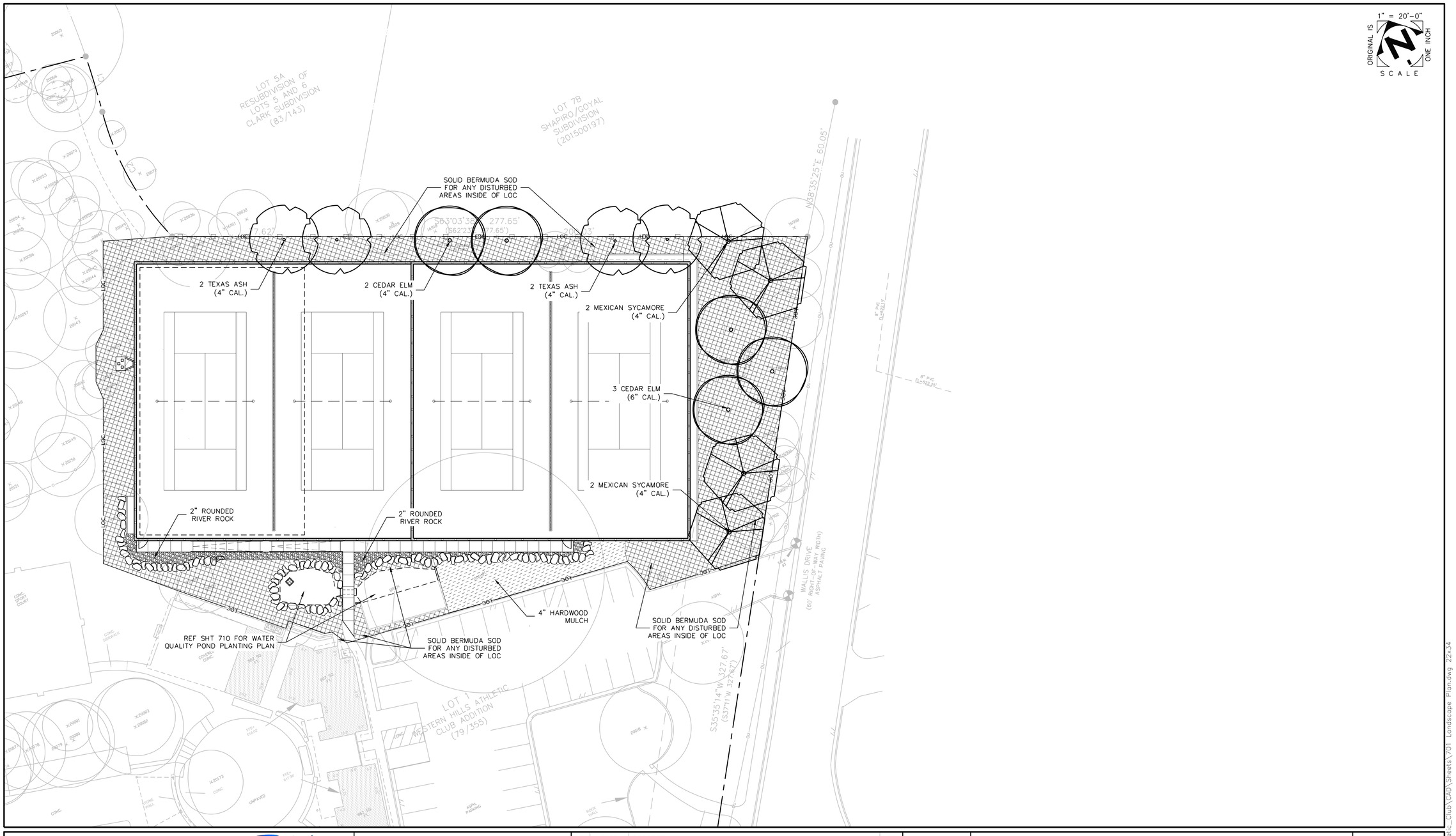
LANDSCAPE NOTES & CALCULATIONS

Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

700

File: Y:\863-01_WH_Athletic_Club\CAD\Sheets\700 Landscape Notes.dwg 22x34



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01/07/2020

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LANDSCAPE PLAN

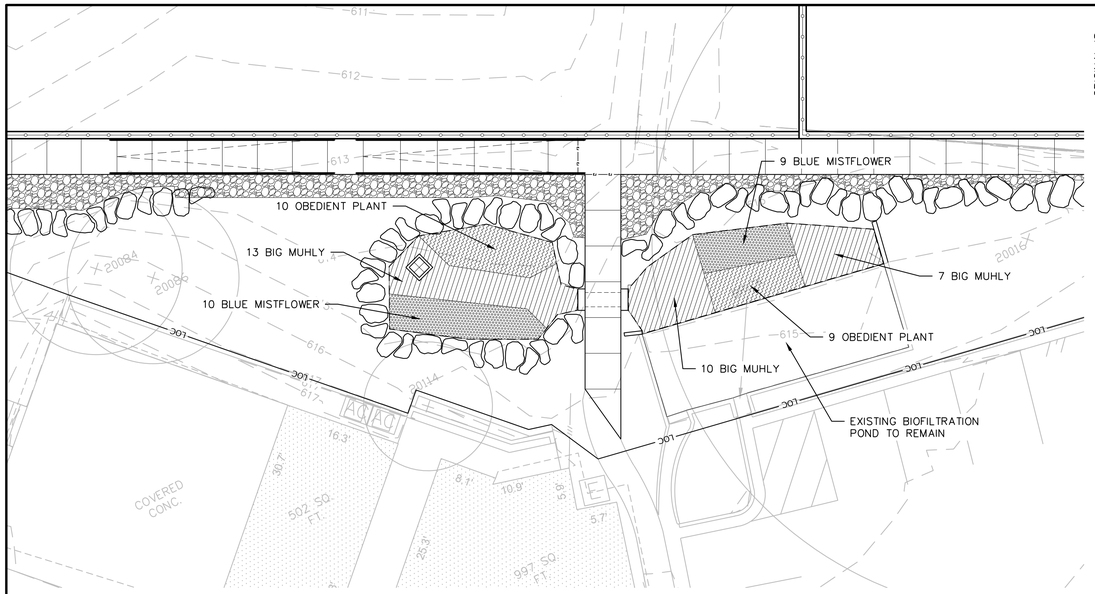
Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

701

23 OF 26

File: Y:\863-01_WH_Athletic_Club\CAD\Sheets\701 Landscape Plan.dwg 22x34



1" = 10'-0"

ORIGINAL IS ONE INCH

SCALE

RAIN GARDEN CALCULATIONS				6-Apr-20
Biofiltration Pond Bottom	660	sf		
Biofiltration Pond Landscape		Size		Quantity
Obedient Plant		1 Gallon		19
Blue Mistflower		1 Gallon		19
Big Muhly		1 Gallon		30
				68

REGISTERED LANDSCAPE ARCHITECT
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07/07/2020

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NO.	DATE	DESCRIPTION	BY

0 1"

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WATER QUALITY POND PLANTING PLAN

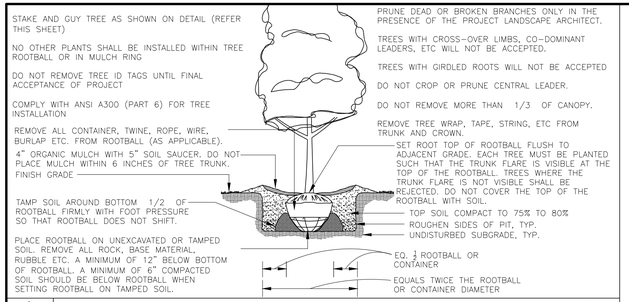
Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

710

24 OF 26

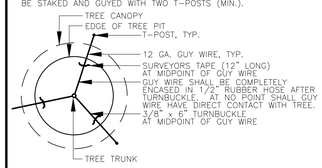
Files: X:\863-01_WH_Athletic_Club\CAD\Sheets\710 Water Quality Pond Planting Plan.dwg 22x34



1 / 791 **TREE PLANTING DETAIL (SINGLE TRUNK) GREATER THAN 3" CALIPER** NO SCALE

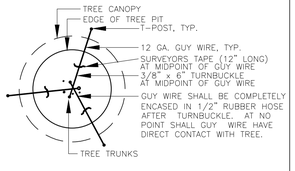
SINGLE TRUNK TREES 3" CALIPER AND GREATER SHALL BE STAKED AND GUYED WITH THREE T-POSTS (MIN.).

SINGLE TRUNK TREES LESS THAN 3" CALIPER SHALL BE STAKED AND GUYED WITH TWO T-POSTS (MIN.).



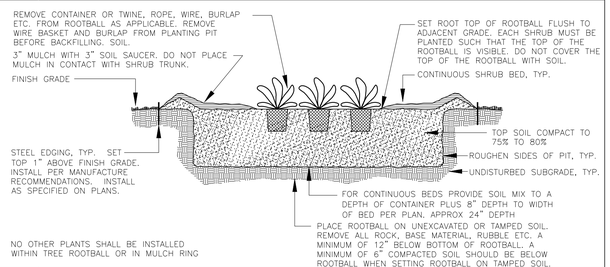
PLAN - SINGLE TRUNK

ALL MULTI-TRUNK TREES SHALL BE STAKED AND GUYED WITH THREE T-POSTS (MIN.).

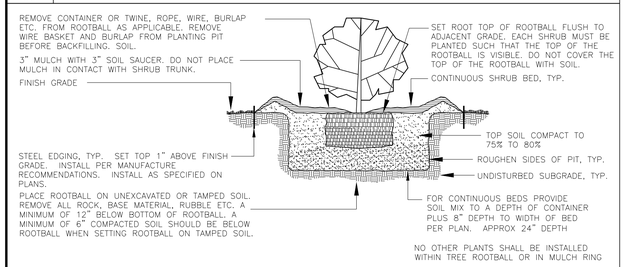


PLAN - MULTI-TRUNK

2 / 791 **TREE STAKING DETAIL** NO SCALE



3 / 791 **PERENNIAL / GROUNDCOVER PLANTING DETAIL** NO SCALE



4 / 791 **SHRUB PLANTING DETAIL** NO SCALE

REGISTERED LANDSCAPE ARCHITECT
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07/07/2020

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NO.	DATE	DESCRIPTION	BY

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LANDSCAPE DETAILS

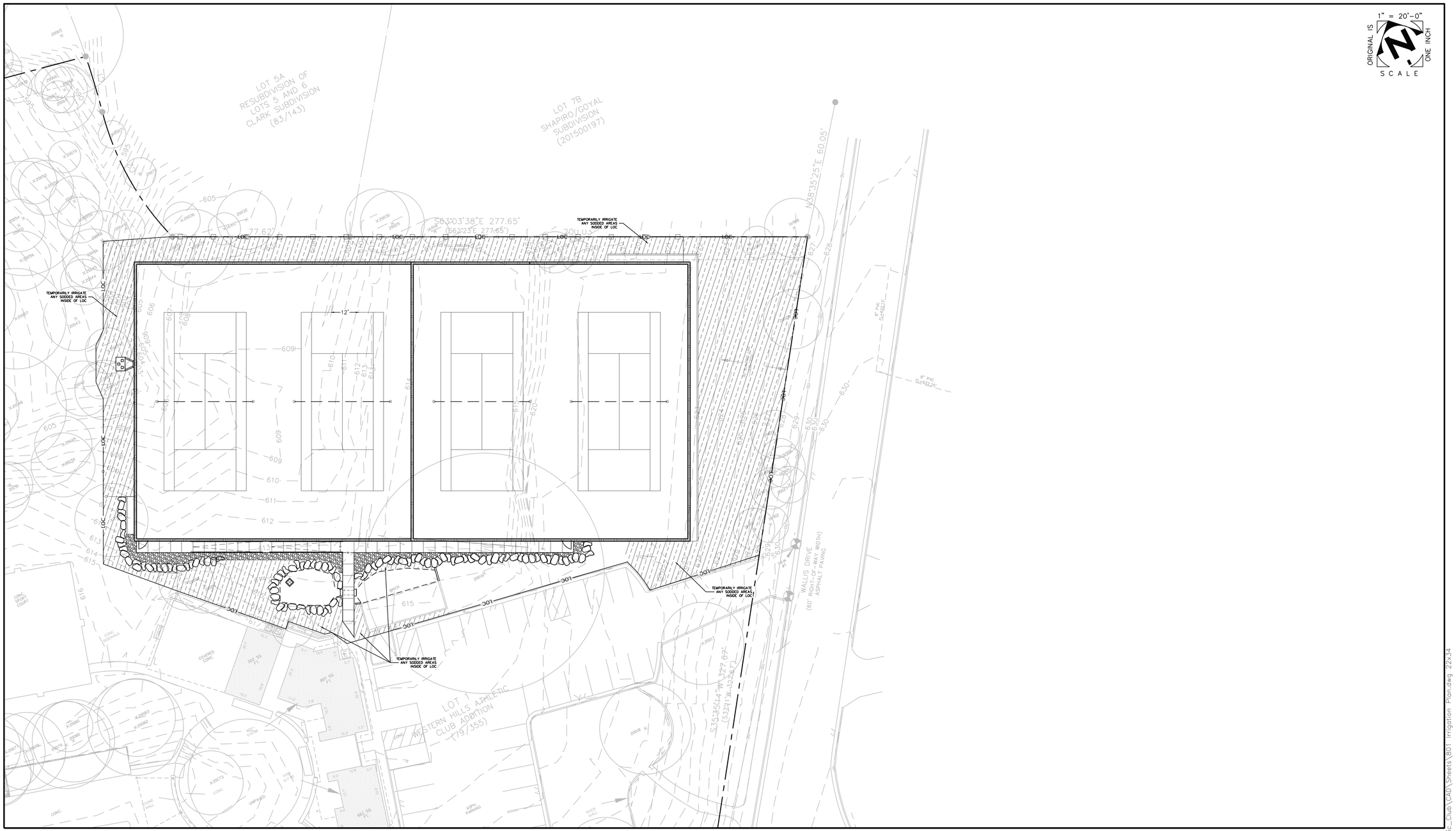
Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

791

25 OF 26

File: Y:\863-01_WH_Athletic_Club\CAD\Sheets\791 Landscape Details.swg 22x34



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0 1"

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IRRIGATION PLAN

Western Hills Athletic Club
4801 Rollingwood Drive
Austin, TX 78746

PLOTTED: 7/7/2020
JOB NO: 863-01

801

26 OF 26

File: Y:\863-01_WHL_Athletic_Club\CAD\Sheets\801 Irrigation Plan.dwg 22x34

TREE REMOVAL LIST

TREE TAG	TREE TYPE	SIZE (INCHES)	REASON FOR REMOVAL/MITIGATIO
.6910	Chinaberry	9.00	Invasive
.6912	Ligustrum	11.00	Invasive
20033	Chinaberry	9.00	Invasive
20038	Chinaberry	15.00	Invasive
20047	Live Oak	12.00	Construction
20088	Live Oak	14.00	Construction
20089	Live Oak	11.00	Construction
20093	Live Oak	18.00	Construction
20094	Live Oak	12.00	Construction
20095	Live Oak	10.00	Construction
20096	Live Oak	11.00	Construction
20097	Live Oak	9.00	Construction
20098	Live Oak	12.00	Construction
20099	Live Oak	15.00	Construction
20100	Live Oak	12.00	Construction
20101	Live Oak	13.00	Construction
20102	Live Oak	27.50	Construction
20103	Live Oak	20.00	Construction
20105	Cedar Elm	15.00	Construction
20106	Live Oak	10.00	Construction
20107	Live Oak	12.00	Construction
20108	Live Oak	7.00	Construction
20109	Live Oak	12.00	Construction
	TOTAL INCHES REMOVED	**296.50**	

ROLLINGWOOD
TEXAS

MEMORANDUM

To: City Administrator Amber Lewis

From: Carrie Caylor
Director of Development

Date: November 13, 2020

Re: 4901 Rollingwood Drive

Western Hills Athletic Club submitted an application to add two additional tennis courts, install new landscaping, replace fencing and make drainage improvements. I support the approval of this plan for the following reasons:

- The plan is consistent with existing use.
- There is no measurable increase in traffic that would negatively impact ingress/egress.
- There are no negative fiscal impacts.

The site currently has two tennis courts. The applicant proposes demolishing the existing courts and reconfiguring the site to add two more. They will be installing French drains and buried detention families. New landscape to support the redesign is included in the plan, and the new courts will have new fencing installed.

I had the applicant complete the residential tree removal application as a way to document the tree removal associated with this plan. I request that the City Council offer guidance for replacement, as the Residential Tree Canopy Protection Ordinance does not cover the park zoning district; and because we have no formal process for permitting tree removal in the park zoning district.

CITY OF ROLLINGWOOD TEXAS

THE CITY OF ROLLINGWOOD
Phone +1 (512) 327-1838
403 Nixon Dr, Rollingwood, TX 78746-5512
www.rollingwood.com

CITY OF ROLLINGWOOD
PLEASANT DRIVE AND NIXON DRIVE DRAINAGE IMPROVEMENTS
SCOPE OF SERVICES

PROJECT DESCRIPTION

The City of Rollingwood Infrastructure Improvements Plan was completed in February of 2020. The Infrastructure Improvements Plan identified areas of stormwater drainage and flooding issues throughout the City of Rollingwood (City). The City has requested that K Friese + Associates, Inc (KFA) progress the Pleasant Drive and Nixon Drive Drainage Improvements through the schematic design and potential phasing of the project The following is a detailed scope of services for the drainage improvements along Pleasant Drive and Nixon Drive.

SCOPE OF SERVICES

A. SURVEYING

1. This task will include preparing limited topographic for the project area for the purpose of preparing the preliminary engineering report and schematic design solutions for the proposed improvements associated with this project. See the attached proposal from Civil Corp, LLC.

B. PRELIMINARY ENVIRONMENTAL INVESTIGATION

1. This task will include obtaining a sub-consultant to obtain a preliminary environmental investigation for this project to determine environmental constraints. See the attachment from Raba Kistner.

C. PROJECT MANAGEMENT AND COORDINATION

1. Conduct a project kickoff meeting with the City to establish project procedures, goals, milestones and design criteria guidelines.
2. Conduct up to three (3) project meetings with City and stakeholders. The initial project meeting will be to discuss project findings, areas of concern and outline the approach for the proposed improvements. The second meeting is proposed to share project updates and discuss preferred improvement options. The final meeting will be to discuss the final draft of the report and address remaining comments prior to signing and sealing the report deliverable. Any additional meetings will be performed on an hourly basis, as requested and authorized by the City.
3. Project administration, project status reports, general coordination with City staff, coordination and supervision of the project team, and quality management so that the project milestones and deliverables meet schedule and budget constraints.

D. PRELIMINARY ENGINEERING REPORT (PER)

1. Obtain available topographic maps, franchise and utility block maps and any relevant previous studies around the project area.
2. Perform one (1) field visit to evaluate general site conditions.
3. Perform preliminary hydrologic and hydraulics analysis to determine technically feasible and cost-effective solutions to the localized flooding issue within the study area. Analysis is anticipated to include the development of a HEC-RAS or 2D hydraulic

DRAFT

K·FRIESE + ASSOCIATES PUBLIC PROJECT ENGINEERING

model to assess existing storm system capacity and to develop proposed conceptual improvements.

4. Analysis will include the evaluation of up to two design options (full-phased solutions) which are anticipated to include the following:
    a. Option 1: Construct channel improvements between Hatley and Pleasant Cove and a closed-pipe storm drain system from Nixon Drive and up Pleasant Drive.
    b. Option 2: Construct a box culvert system between Hatley and Pleasant Cove and a closed-pipe storm drain system from Nixon Drive and up Pleasant Drive.
    c. Evaluation will include an assessment for downstream adverse impacts and provide recommendations for additional mitigation that may be required as a result of the proposed improvements.
    d. Each of the solutions investigated and provided will provide options for project phasing. Phasing is assumed to include up to the three project phases.
5. Identify known utility conflicts and provide potential solutions for relocations, as required.
6. Identify if any additional easements are anticipated for the construction of the proposed project options.
7. Prepare supporting exhibits to illustrate the proposed options including alignments, drainage structure sizing, areas of anticipated easement needs, and anticipated utility conflicts. Exhibits will additionally include information on proposed alignments, structure sizing, inlet locations, approximate elevations and up to two typical sections to further define the character and project feasibility.

SCHEDULE

A. Following execution of contract and NTP, the Preliminary Engineering Report and schematic design phase will be completed within 3 (three) months of Notice to Proceed (NTP).

ASSUMPTIONS AND EXCLUSIONS MADE FOR THIS PROPOSAL

A. No geotechnical investigations are proposed to be performed as part of this scope of work. The purposes of cost estimating, it is assumed that bedrock will be encountered at 8 inches to 60 inches below ground.

B. No tree surveying, detailed topographic surveying, boundary survey or title research is included in this scope of work. If necessary, additional services will be requested, as necessary.

C. Utility relocation design and construction are not included with this proposal.

ADDITIONAL SERVICES

1. The City and KFA may agree that KFA shall perform services outside the Scope of Services described in this proposal. KFA will submit a written estimate of fees, based

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on standard rates indicated on the “Compensation Rate Schedule” included as part of the Professional Services Agreement contract. KFA will obtain the City’s authorization prior to initiating any Additional Services.

2. Preparation of easement documents are not included herein
3. No subsurface utility engineering is included as part of this work to verify utility depths or other information. Once a preferred option and phasing has been determined, further investigations may be recommended, as needed.
4. Geotechnical investigations or pavement design is not included and may be provided as an additional service.

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KFA MANPOWER/BUDGET ESTIMATE
CITY OF ROLLINGWOOD
NIXON DRIVE AND PLEASANT DRIVE
PRELIMINARY ENGINEERING REPORT

	Task	QA/QC Engineer Hours	Senior Engineer Hours	Project Manager Hours	Project Engineer Hours	EIT Hours	CADD Technician Hours	Clerical Hours	Total Labor Hours	Total Labor Cost	Sub-Consultant Cost	Expenses Cost	Total Cost
A	SURVEYING										$23,094.50		**$23,094.50**
B	PRELIMINARY ENVIRONMENTAL ASSESSMENT										$10,810.00		**$10,810.00**
C	PROJECT MANAGEMENT AND COORDINATION												
	Task C Subtotal	0	20	24	2	4	0	2	52	$9,322.00	$0	$0	$9,322.00
D	PRILIMINARY ENGINERING REPORT												
	Task D Subtotal	17	14	35	57	140	20	2	273	$40,956.00	$0	$0	$40,956.00
	Project Totals	17	34	59	59	144	20	4	325	$50,278.00	$0	$0.00	$84,182.50

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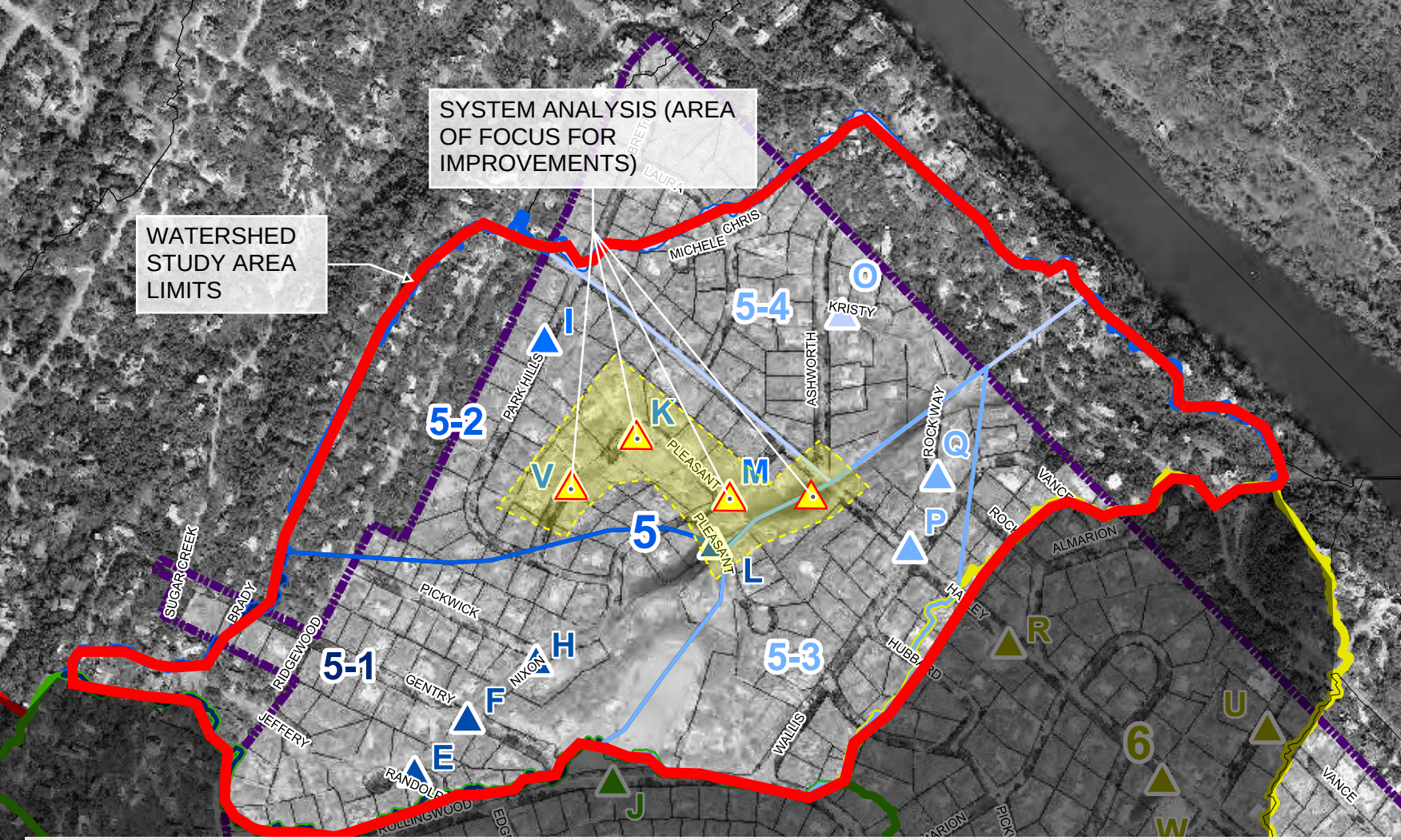

PROJECT SCOPE SUMMARY:

1. Analyze contributing watershed for the Nixon/Pleasant system
2. Model multiple improvement scenarios to select a beneficial and cost-effective strategy for reducing flood hazards, improving public safety, and protecting property
3. Develop a phasing approach for design and construction of improvements
4. Provide opportunities for stakeholder involvement at each major milestone to develop solutions that are in alignment with the community
5. The PER will inform the scoping and design for Phase 1 improvements, will consider the system holistically and help future proof the city's investment.

AGENDA ITEM SUMMARY SHEET

City of Rollingwood

Meeting Date: November 18, 2020

Submitted By:

Council Member Gavin Massingill

Agenda Item:

14. Discussion and possible action to approve Tax Note Series 2020 funding for a Preliminary Engineering Report for drainage improvements at Nixon and Pleasant Drives which is, a) estimated to cost $84,183, b) estimated to take 90 days, c) analyze public safety issues posed by flooding, and d) identify easement need.

Description:

The purpose of this item is to seek Council action to approve the funding of the Preliminary Engineering Report for the Nixon/Pleasant by the Tax Notes Series 2020.

1. Selecting to place a proposed project on a Tax Note Series 2020 consideration list by requiring an agenda item for the proposed project and requiring a Council majority vote to approve a proposed project for the consideration list and triggering a public engagement process. (This action was approved at the October 21, 2020 City Council Meeting)The agenda item including:
    a. an estimate of the proposed project cost; $84,183
    b. an estimate of the proposed project timeline; 90 days
    c. any public health or safety features of a proposed project; Analyze public safety issues posed by flooding
    d. status of any required easements or other agreements required for the proposed project to be shovel ready. Identify easement need.
2. Establishing the public engagement to be provided for each proposed project placed on the Tax Note Series 2020 consideration list. The public engagement process including a public hearing for the proposed project during a regularly scheduled City Council meeting. (Public Hearing set for November 18, 2020 City Council Meeting)
3. Requiring a majority vote of the Council to approve the proposed project to move forward with funding expected from the Tax Note Series 2020 funds. (Item placed on November 18, 2020 City Council Meeting)
4. A webpage on the City website dedicated to Tax Note Series 2020 funded projects that identifies each proposed project request and status through the first three stages above. https://www.rollingwoodtx.gov/citycouncil/page/oversight-tax-note-series-2020-funds

Action Requested:

Action to approve the funding of the Preliminary Engineering Report for the Nixon/Pleasant by the Tax Notes Series 2020

Fiscal Impacts:

Stated Above

Attachments:

1. Nixon and Pleasant Drainage Improvements – Draft Scope of Services

CITY OF ROLLINGWOOD
PLEASANT DRIVE AND NIXON DRIVE DRAINAGE IMPROVEMENTS
SCOPE OF SERVICES

PROJECT DESCRIPTION

The City of Rollingwood Infrastructure Improvements Plan was completed in February of 2020. The Infrastructure Improvements Plan identified areas of stormwater drainage and flooding issues throughout the City of Rollingwood (City). The City has requested that K Friese + Associates, Inc (KFA) progress the Pleasant Drive and Nixon Drive Drainage Improvements through the schematic design and potential phasing of the project The following is a detailed scope of services for the drainage improvements along Pleasant Drive and Nixon Drive.

SCOPE OF SERVICES

A. SURVEYING

1. This task will include preparing limited topographic for the project area for the purpose of preparing the preliminary engineering report and schematic design solutions for the proposed improvements associated with this project. See the attached proposal from Civil Corp, LLC.

B. PRELIMINARY ENVIRONMENTAL INVESTIGATION

1. This task will include obtaining a sub-consultant to obtain a preliminary environmental investigation for this project to determine environmental constraints. See the attachment from Raba Kistner.

C. PROJECT MANAGEMENT AND COORDINATION

1. Conduct a project kickoff meeting with the City to establish project procedures, goals, milestones and design criteria guidelines.
2. Conduct up to three (3) project meetings with City and stakeholders. The initial project meeting will be to discuss project findings, areas of concern and outline the approach for the proposed improvements. The second meeting is proposed to share project updates and discuss preferred improvement options. The final meeting will be to discuss the final draft of the report and address remaining comments prior to signing and sealing the report deliverable. Any additional meetings will be performed on an hourly basis, as requested and authorized by the City.
3. Project administration, project status reports, general coordination with City staff, coordination and supervision of the project team, and quality management so that the project milestones and deliverables meet schedule and budget constraints.

D. PRELIMINARY ENGINEERING REPORT (PER)

1. Obtain available topographic maps, franchise and utility block maps and any relevant previous studies around the project area.
2. Perform one (1) field visit to evaluate general site conditions.
3. Perform preliminary hydrologic and hydraulics analysis to determine technically feasible and cost-effective solutions to the localized flooding issue within the study area. Analysis is anticipated to include the development of a HEC-RAS or 2D hydraulic

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K·FRIESE + ASSOCIATES PUBLIC PROJECT ENGINEERING

model to assess existing storm system capacity and to develop proposed conceptual improvements.

4. Analysis will include the evaluation of up to two design options (full-phased solutions) which are anticipated to include the following:
    a. Option 1: Construct channel improvements between Hatley and Pleasant Cove and a closed-pipe storm drain system from Nixon Drive and up Pleasant Drive.
    b. Option 2: Construct a box culvert system between Hatley and Pleasant Cove and a closed-pipe storm drain system from Nixon Drive and up Pleasant Drive.
    c. Evaluation will include an assessment for downstream adverse impacts and provide recommendations for additional mitigation that may be required as a result of the proposed improvements.
    d. Each of the solutions investigated and provided will provide options for project phasing. Phasing is assumed to include up to the three project phases.
5. Identify known utility conflicts and provide potential solutions for relocations, as required.
6. Identify if any additional easements are anticipated for the construction of the proposed project options.
7. Prepare supporting exhibits to illustrate the proposed options including alignments, drainage structure sizing, areas of anticipated easement needs, and anticipated utility conflicts. Exhibits will additionally include information on proposed alignments, structure sizing, inlet locations, approximate elevations and up to two typical sections to further define the character and project feasibility.

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KFA MANPOWER/BUDGET ESTIMATE
CITY OF ROLLINGWOOD
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MARYA CRIGLER
CHIEF APPRAISER

LAKE TRAVIS ISD
KIM FLASCH, PRESIDENT
C/O JOHNNY HILL
3322 RR 620 SOUTH
AUSTIN, TX 78738

November 6, 2020

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_____	**Randy Strader**	**City of Cedar Park**

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Marya Crigler
Travis Central Appraisal District
P.O. Box 149012
Austin, TX 78714-9012
mcrigler@tcadcentral.org

On or before December 15, 2020, I will inform you of the results of the election and send you a complete list of the Board members. If you have any questions, please feel free to call me at (512) 834-9317, ext. 337.

Sincerely,

Marya Crigler
Chief Appraiser
Travis Central Appraisal District

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MARYA CRIGLER
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EANES ISD
DR. JENNIFER SALAS, PRESIDENT
C/O CHRIS SCOTT, CFO
601 CAMP CRAFT RD
AUSTIN, TX 78746

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CITY OF WEST LAKE HILLS
THE HONORABLE LINDA ANTHONY, MAYOR
911 WESTLAKE DRIVE
WEST LAKE HILLS, TX 78746

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HAYS CONSOLIDATED ISD
MEREDITH KELLER, PRESIDENT
C/O ANNETTE FOLMAR
21003 INTERSTATE 35
KYLE, TX 78640

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CITY OF ROLLINGWOOD
THE HONORABLE MICHAEL R. DYSON, MAYOR
403 NIXON DRIVE
ROLLINGWOOD, TX 78746

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LAGO VISTA ISD
DAVID SCOTT, PRESIDENT
C/O JASON STONER
PO BOX 4929
LAGO VISTA, TX 78645

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CITY OF LAKEWAY
THE HONORABLE SANDRA L COX, MAYOR
1102 LOHMANS CROSSING
AUSTIN, TX 78734

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MARBLE FALLS ISD
KEVIN NAUMANN, PRESIDENT
1800 COLT CIRCLE
MARBLE FALLS, TX 78654-4803

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MARYA CRIGLER
CHIEF APPRAISER

CITY OF CEDAR PARK
THE HONORABLE CORBIN VAN ARSDALE, MAYOR
450 CYPRESS CREEK RD, BLDG #1
CEDAR PARK, TX 78613

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mcrigler@tcadcentral.org

On or before December 15, 2020, I will inform you of the results of the election and send you a complete list of the Board members. If you have any questions, please feel free to call me at (512) 834-9317, ext. 337.

Sincerely,

Marya Crigler
Chief Appraiser
Travis Central Appraisal District

TRAVIS CENTRAL APPRAISAL DISTRICT

BOARD OFFICERS
JAMES VALADEZ
CHAIRPERSON
BRUCE GRUBE
VICE CHAIRPERSON
THERESA BASTIAN
SECRETARY/TREASURER

BOARD MEMBERS
TOM BUCKLE
BRUCE ELFANT
ANTHONY NGUYEN
ELEANOR POWELL
RYAN STEGLICH
FELIPE ULLOA
BLANCA ZAMORA-GARCIA

MARYA CRIGLER
CHIEF APPRAISER

DRIPPING SPRINGS ISD
CARRIE FONTANA KROLL, PRESIDENT
C/O LARRY KEISER
PO BOX 479
DRIPPING SPRINGS, TX 78620

November 6, 2020

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_____	**Randy Strader**	**City of Cedar Park**

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BLANCA ZAMORA-GARCIA

MARYA CRIGLER
CHIEF APPRAISER

JOHNSON CITY ISD
SHELLEY WENMOHS, PRESIDENT
BLANCO CAD
PO BOX 498
JOHNSON CITY, TX 78636

November 6, 2020

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BLANCA ZAMORA-GARCIA

MARYA CRIGLER
CHIEF APPRAISER

CITY OF LAGO VISTA
THE HONORABLE ED TIDWELL, MAYOR
PO BOX 4727
LAGO VISTA, TX 78645

November 6, 2020

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Travis Central Appraisal District

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MARYA CRIGLER
CHIEF APPRAISER

VILLAGE OF VOLENTE
THE HONORABLE CHRIS WILDER, MAYOR
16100 WHARF COVE
VOLENTE, TX 78641

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Travis Central Appraisal District

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BLANCA ZAMORA-GARCIA

MARYA CRIGLER
CHIEF APPRAISER

CITY OF JONESTOWN
THE HONORABLE PAUL JOHNSON, MAYOR
18649 FM 1431, STE 4A
JONESTOWN, TX 78645

November 6, 2020

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Travis Central Appraisal District

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VILLAGE OF BRIARCLIFF
THE HONORABLE AL HOSTETLER, MAYOR
302 SLEAT DR.
BRIARCLIFF, TX 78669

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MARYA CRIGLER
CHIEF APPRAISER

CITY OF LEANDER
THE HONORABLE TROY HILL, MAYOR
PO BOX 319
LEANDER, TX 78646

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BLANCA ZAMORA-GARCIA

MARYA CRIGLER
CHIEF APPRAISER

LEANDER ISD
AARON JOHNSON, PRESIDENT
C/O SUPERINTENDENTS OFFICE
PO BOX 218
LEANDER, TX 78646-0218

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MARYA CRIGLER
CHIEF APPRAISER

VILLAGE OF THE HILLS
THE HONORABLE ERIC OVLEN, MAYOR
C\O BETH CACCAMISI
102 TROPHY DRIVE
THE HILLS, TX 78738

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VILLAGE OF POINT VENTURE
THE HONORABLE CRISTIN CECALA, MAYOR
18606 VENTURE DR
POINT VENTURE, TX 78645

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Chief Appraiser
Travis Central Appraisal District

W.THOMAS BUCKLE

EXPERIENCE

2019-present **Scanlan, Buckle & Young, P.C** **Austin, TX**

Of Counsel

- Primary Areas of Practice: Commercial and Residential Real Estate, including all aspects of land use controls; Wills, Trusts and Estate Planning, Probate and Guardianship and the creation and representation of various business entities.

1995-2019 **Scanlan Buckle and Young, P.C.** Austin, TX

Principal

- Primary Areas of Practice: Litigation, Municipal Law, Commercial and Residential Real Estate, including all aspects of land use controls; Wills, Trusts and Estate Planning, Probate and Guardianship and the creation and representation of various business entities.

1988-1995 **Scanlan & Buckle, P.C.**

Principal

- Primary Areas of Practice: Litigation, Commercial and Residential Real Estate; Muncipal Law; and Wills, Trusts and Estate Planning; Probate and Guardianship; and, the creation and representation of various business entities.

1978-1987 **Scanlan, Buckle & Fleckman** Austin, TX

Partner

- Primary Areas of Practice: Litigation, Environmental law, Commercial and Residential Real Estate. Highly active in the State Bar's Environmental Law Section and also lecturing at a number of continuing legal education seminars concerning environmental matters.

1975–1978 **Office of the Attorney General** Austin, TX

Assistant Attorney General

- Primary Areas of Practice: Environmental Protection Division of the Attorney General's office representing the state's environmental agencies advising them on air pollution matters. Litigated cases throughout the State of Texas and was directly involved with the congressional revisions to the Clean Air Act. Worked closely with Senator Lloyd Bentsen's staff and various congressmen from Houston's area.

1973-1975 **Texas Air Control Board** Austin, TX

Staff Attorney

- Primary Areas of Practice: Staff attorney for agency responsible for

controlling air pollution in the State of Texas.

1970–1973 **Legal Aid Society of Travis County** Austin, TX

Staff Attorney/Executive Director

- Primary Areas of Practice: Staff Attorney from 1970-1972 before serving on the Board of Directors. As Acting Director in 1971-1972, supervised 20 employees and was responsible for administering six grants which funded the Legal Aid program.

EDUCATION

1970 **University of Texas School of Law** Austin, TX

- Doctor of Juriprudence degree.

1967 **Rice University** Houston, TX

- B. A., Political Science

LICENSES/ADMISSIONS/MEMBERSHIPS

Licenses: State Bar License for State of Texas (1970)

Admissions: United States District Court, Western District of Texas, (1980); Southern District of Texas, (1985)

Professional Memberships: State Bar of Texas, 1970 to present; Travis County Bar Association, 1972 to present; Texas Bar Foundation, 1987 to present; Austin Bar Foundation, 2004 to present.

Memberships: State Bar District 9 Grievance Committee Member 1986 to 1993; City of Jonestown Planning & Zoning Commission Member 1998 to 2005; City of Jonestown City Council Member 2005-2006; 2007 to 2013; 2015 to present.

Board of Directors: State Bar of Texas, Environmental Law Section, 1979 to 1982; Chair 1981-1982; Legal Aid Society of Central Texas, 1974-1978, President, 1978; Travis County Bar Association 1974; Twilight Concerts, 2005 to present, Family Eldercare, 2006 to 2012; Travis Central Appraisal District, 2010 to present.

Officer: Treasurer, State Bar of Texas, Environmental Law Section, 1982 to 1983; Vice Chair, Environmental Section of State Bar, 1984; Chair Elect, Environmental Section of State Bar, 1985; Chair, Environmental Section of State Bar, 1986; Chair, State Bar District 9 Grievance Committee, January 1992 to June 1993; Chair, City of Jonestown Planning & Zoning Commission 2000 to 2005; Mayor Pro Tem, City of Jonestown, 2007 to 2013; 2015 to present; Treasurer, Family Eldercare 2008 and 2009; Chair Travis Central Apprasil District 2019.

Assistant City Attorney: City of Westlake Hills, Texas, 1979 to 1985; City of Lakeway, Texas, 1981 to 1990; City of Sunset Valley, Texas 1982 to 1990.

City Attorney: City of Jonestown, Texas, 1985 to 1995; City of Lakeway,

Texas, 1990 to 2007; City of Sunset Valley, Texas, 1990 to 2020; Village of Volente, Texas, 2004 to 2017.

JOHN HAVENSTRITE
506 BROOKHAVEN TRAIL
AUSTIN, TEXAS 78746
John.havenstrite@yahoo.com

RE: Travis Central Appraisal District
Board of Directors Candidacy

September 23, 2020

John Havenstrite is a Principal Account Manager for the Lower Colorado River Authority (LCRA) where he works to enhance emergency communication among first responders throughout Central Texas. Specifically, John helps elected officials and policy makers solve problems that impede first responder interoperability.

John began his career in municipal governance and finance. For fourteen years, he served as the Tax Assessor Collector for dozens of municipalities serving countless commercial and residential property owners scattered across four urban and rural Texas counties. In that capacity, John became expertly familiar with the varying functions, responsibilities, and operations of the region's appraisal districts, the tax assessment and collection cycle, and the relationship each has with municipal finance and economic development.

Prior to moving to Austin in 2004, John was a partner and vice president of a Houston-based urban planning firm. Here he gained experience creating, managing, and monitoring the myriad public/private economic development tools available to municipalities in Texas - all of which are dependent upon a reliable, well-functioning appraisal district, and tax assessment collection team.

John is currently the Vice President of the Eanes Independent School District (EISD) Board of Trustees. He was elected to the Board in 2017, and will serve a second term beginning in November 2020. John has served as the Secretary of the Central Texas School Board Association (CTSBA) for the past two years and is a 2020 graduate of Leadership-TASB (L-TASB). John also serves on advisory committees related to public safety, telecommunications, and the utility industry.

John grew up in New Orleans, and graduated from Louisiana State University (LSU) with degrees in History, Political Science, and Journalism. He volunteers regularly at his church and in his community whenever he can. However, more important than any of the foregoing, John has been married for 20 years, is the proud father of two Westlake High School students, and is the unwitting owner of two dogs, two cats, and three chickens.

Public Service Biography

Randy Strader

Ralph E. Strader II ("Randy") is a 12-year resident of Cedar Park, Texas. Randy moved with his wife, Tessa, who works locally as an accountant, and three sons from his residence in Austin, where he had lived since 1997 to a subdivision in unincorporated Travis County.

Motivated to serve his neighbors, he joined the Deer Creek Ranch Homeowners Association as Treasurer in 2011, using his skills in finance and taxation to restore and maintain the association's balance sheet. Randy established ties with the City of Cedar Park in this capacity, helping the effort to bring the subdivision into the City when it was annexed.

Randy subsequently became President of the HOA and served in this role for four years. Through continuing dialogue on matters pertaining to the City, he was nominated and became a Commissioner on Cedar Park's Planning and Zoning Commission. Randy later served as its Chair and it presently serving as Place Seven and Vice Chair.

Having worked in finance and accounting for much of his career, which includes his work in taxation for one of the Big Four accounting firms, Randy brings tremendous knowledge of various forms of taxation within both the public and private sector.

Randy also holds an MBA with a concentration in Real Estate Finance from the University of Texas at Austin, an MA from Boston College, and a BA from the University of St. Thomas in Houston, Texas.

Randy Strader

2702 Rambler Valley Dr. • Cedar Park, Texas 78613
Mobile: (512) 767-5809 • E-Mail: mail@randystrader.com

Overview

Distinguished track record of managing and delivering enterprise software projects, supported by broad business knowledge with expertise in finance, tax, and international logistics. Progressive achievement in working with senior leadership to create strategies, implement business objectives, and track performance of corporate initiatives.

Experience

Program Manager, Apple Inc. **May 2020 - Present**

Program Manager with responsibility for overseeing a portfolio of finance and tax projects. Product Owner of Apple-internal finance system.

Tax Manager, Deloitte Tax LLP **2014 - 2020**

Tax project manager within Deloitte Tax's Enterprise Tax Integration (SAP) group, focused on implementing finance and tax requirements relating to corporate taxation (US and US-International), State and Local Taxes, VAT, Property Tax, and other forms of use tax.

Program Manager, Finance IT, Hewlett-Packard Company **2009 – 2014**

Chief-of-staff to the VP of Finance IT. Program and portfolio management for finance, tax, and global regulatory compliance applications at HP, including resource planning, financial analysis of IT projects, and project portfolio planning. Developed and communicated Finance IT strategy to internal stakeholders, including executives of HP's various lines-of-business. Configured and used financial management systems, including SAP Business Warehouse (SAP BW) and SAP Business Planning and Consolidation (SAP BPC) to communicate internal metrics and financial performance. Obtained HP Master Technologist level.

Tax Manager, Deloitte Tax LLP **2008 - 2009**

Client engagement manager on Deloitte's Global Trade Solutions team. Advised clients on international trade requirements, aligning the trade function with business objectives via software automation. Performed research and analysis of regulatory, statutory, and international trade rules for client compliance. Managed staff and seniors. Created project proposals, including project timeline, budget, and fees.

Director, Solution Management, SAP America, Inc. **2006 - 2008**

Led product management and solutions engineering teams for SAP's trade and customs software portfolio. Performed gap and market analysis to identify product features to implement. Managed direct reports in three regions – APA, EMEA, and Americas. Overall coordination of product definition, software development lifecycle (SDLC), and roll-out activities for products within the portfolio.

Manager, Product Management, SAP Labs LLC **2001 - 2006**

Led product management for the SAP Global Trade Services application. Line manager with 5 – 7 reports. Authored product requirements documents, market opportunity analysis, and software design specifications. Managed the overall software development lifecycle for SAP GTS releases 1.0 through 7.0 with SAP core development teams.

SAP Support Consultant, SAP America, Inc. **1996 – 2001**

Delivered on-site and remote services for SAP R/3, CRM, and SRM customers, including software configuration, performance tuning, and data analysis. SAP Certified Consultant in SAP R/3 Sales & Distribution, Logistics Execution, and Materials Management modules.

Education

MBA, The University of Texas at Austin **May 2008**

Texas Executive MBA. Elective coursework in Real Estate Finance.

MA, Philosophy, Boston College **May 1996**

BA, Philosophy, University of St. Thomas **May 1992**

Completed US Federal Taxation sequence at Austin Community College as a continuing education student.

Skills

Project Management (waterfall, Agile, and Scrum)
Financial Accounting
Excel Modeling
IT Portfolio Planning
Vendor Management

US Federal Income Tax
Regulatory Research
Tax Analysis
Customs Regulations
Global Trade
Software Development Lifecycle

SAP S/4HANA Finance
SAP ERP (ECC, S/4HANA)
SAP BPC & BW Reporting
SAP HANA Database
Enterprise Data Warehouse
Microsoft Office, Project & Visio

Community Service

Place 7 and Chair (2016-19),
Vice-Chair (2019-20)
Planning and Zoning Committee
City of Cedar Park

Director, Deer Creek Ranch HOA
President 2013-17
Treasurer 2011-13

AGENDA ITEM SUMMARY SHEET

City of Rollingwood

Meeting Date: November 18, 2020

Submitted By:

Ashley Wayman, Assistant City Administrator

Agenda Item:

19. Discussion and possible action to reappoint board and commission members whose terms are expiring for an additional two year term, grant a term-limit extension to Jim Beneke to continue to serving on the Board of Adjustment, and to review applications and make appointments to the Park Commission, Utility Commission, RCDC, Planning and Zoning Commission and the Board of Adjustment.

Description:

At the November Board and Commission Meetings, or via email if no meeting was held, those members serving in terms that expire in December 2020 indicated whether they would like to continue serving. Attached is a list of those that indicated they would like to continue serving in their positions. There are also a number of outstanding applications for boards and commissions and one member who would require a term limit extension. In order to preserve as much optionality as possible for the Council, the approval of a list of Board and Commission Members for the upcoming two year term, the extension of the member's terms of service limitation, and the reviewing applications and making appointments items have been combined into one item. Currently, there are no open seats on any boards or commissions.

Applicable Code Section:

Sec. 2-199. - Limitation on term of service.

No member of a city council-appointed board, commission, or committee shall be eligible for re-appointment to such office when the member has then served full terms of office (not including partial unexpired terms of office) for six or more consecutive years, except when this limitation would conflict with federal or state statutes. Upon completion of full terms of office with a duration of not less than six consecutive years on any board, commission or committee, a member may be appointed to another board, commission or committee or, after a three-year waiting period, may be reappointed to the original board, commission or committee. The city council may make exceptions to this limitation on the affirmative vote of 4 members of the city council.

Action Requested:

- To appoint a list of Board and Commission members to serve January 2021-December 2022,
- To take action on the request for an extension of the terms-of-service limitation for Jim Beneke on the Board of Adjustment, and
- To review and make appointments to any open boards and commission seats.

Fiscal Impacts:

N/A

Attachments:

1. List of Board and Commission members that have stated that they would like to continue serving in their position on a Board or Commission.
2. List of outstanding applications for Boards and Commissions.

Summary of Board and Commission Applications Updated 11/13/2020

Name	Boards/Commissions Applied For	Board/Commission Openings	
Colin Harvey	PZ, PC, RCDC	PZ	None
David Bench	PZ	BOA	None
Michael Hall	PZ, RCDC	UC	None
M. Chris Kirksey	UC	PC	None
Robert Turner	BOA*	RCDC	None

*Robert Turner is currently an alternate member and would like to be considered for a regular member position on the Board of Adjustment.

Board and Commission Members Whose Terms are Expiring in December 2020 and are Seeking Reappointment

Board of Adjustment

Name	Position	First Joined
Jim Beneke	**7 – MEMBER**	**March 2007***
Robert Turner	2 – Alternate-1	February 2020
Ellin Wilson	6 – Alternate-2	May 2018 (Has not declared intent to continue)
Kathryn Turpin	8 – Alternate-3	October 2018
Gerald Speitel	4 – Alternate-4	July 2018

Park Commission

Name	Position	First Joined
Mary Elizabeth Cofer	5 – Member	September 2019
Phillip McDuffee	6 – Member/Chair	December 2019
Colleen Preheim	7 – Member	April 2019

Planning and Zoning Commission

Name	Position	First Joined
Michael Rhodes	5 – Member	May 2020
Jordan Scott	6 – Member	October 2017
Jamil Alam	7 – Member	March 2018 (Has not declared intent to continue)

Rollingwood Community Development Corporation

Name	Position	First Joined
Becky Kittleman	5- Director/Secretary	February 2015
Bobby Hempfling	7- Director/ Treasurer	October 2020
Barry Delcambre	6- Director/President	November 2018

Utility Commission

Name	Position	First Joined
William Teten	5 – Member	July 2015
Ronald Hasso	6 – Member	April 2020
Sam Attal	7 – Member	October 2020

Date: November 13, 2020

To: Mayor and Council Members of the City of Rollingwood

From: Amber Lewis, City Administrator

Subject: City Administrator's Report

Financials – Highlights of the financials for the month of October 2020:

- As of October 31, 2020, 8.33% of the Fiscal Year has passed.
- Property taxes collected are from the amount collected in the same period in FY 19-20.
- Sales taxes collected were up 1% as compared to the same period in FY 19-20.
- The Water Fund balance is currently at $533,229. The General Fund balance is at $1,133,553.

This has been a busy first month of the fiscal year! We received a deadline extension and on Tuesday, November 10, submitted our final application for CARES Act Funding. We have submitted invoices covering all of the funding allocated to Rollingwood and then some.

We are currently in the process of posting and interviewing for the Public Works Superintendent position. We have interviewed one person who has 7 years' experience with Crossroads Utility and both water and wastewater licenses that are necessary for the city to operate both systems. We plan to check some references next week. The interview went really well and we are excited to possibly have this important position filled sooner rather than later.

Carrie wrote this month's article for the Picayune and focused on her role as the Director of Development Services. This included a re-cap of how we continued construction during the first lock down in a safe and responsible manner.

The acrylic shields have been installed in the City Council Chambers in preparation for when we are able to resume in-person meetings. We were able to submit those expenditures for CARES Act reimbursement.

We have planned a Staff Thanksgiving Lunch on Wednesday, November 18 here at city hall, and will be having the luncheon outdoors, weather permitting.

We are in the process of working with Buie to plan a virtual 65th Birthday party for Rollingwood. Stay tuned for more details.

We have received a quote for the conversion and installation of Incode software for the purposes of utility billing and financials. This will tie in with the court Incode system and the Police's records management system. With a price tag of $75,000, this is under the approved budget. Tyler is not available until about May to complete the conversion and installation.

We have been in discussions with WSB engineers about the project to find and validate all of the easements belonging to the city. The project would also involve identifying those easements

that need to be obtained based on the projects as identified in the IIP. We hope to have a scope of work for your consideration at the December meeting.

I've updated you about the lack of modeling for the wastewater system. David and I have been working to get KFA the information necessary to get started on this as soon as possible.

We have requested that Nelisa Heddin provide a scope for the policy of LUE assignments, commercial wastewater rates, and water rates analysis. I hope to have something in December for your consideration.

The letter to UT for damages to the batting cage has been drafted and is under review. We will send that out as soon as we receive the okay to do that.

We have asked for a revised bid for the message board system and we are waiting to hear back about that.

We continue to support the Strike Force with getting them the information they need and administrating their many meetings.

I am available by email and cell phone, 512-647-0637. Please let me know if you have any questions or concerns.

THE CITY OF ROLLINGWOOD

Phone +1 (512) 327-1838

403 Nixon Dr, Rollingwood, TX 78746-5512

www.rollingwoodtx.gov

City of Rollingwood Monthly Stats
Municipal Court

Violations Filed by Date													
	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Total
Traffic	27												27
State Law	3												3
City Ordinance	1												1
Parking	2												2
Total Violations	**33**												**33**

Completed Cases													
Paid Fine	**Oct-20**	**Nov-20**	**Dec-20**	**Jan-21**	**Feb-21**	**Mar-21**	**Apr-21**	**May-21**	**Jun-21**	**Jul-21**	**Aug-21**	**Sep-21**	**Total**
Traffic	3												3
State Law	0												0
City Ordinance	1												1
Parking	0												0
Total Paid Fines	**4**												**4**
Before Judge	**Oct-20**	**Nov-20**	**Dec-20**	**Jan-21**	**Feb-21**	**Mar-21**	**Apr-21**	**May-21**	**Jun-21**	**Jul-21**	**Aug-21**	**Sep-21**	**Total**
Traffic	3												3
State Law	0												0
City Ordinance	0												0
Parking	0												0
Total Before Judge	**3**												3
By Jury	**Oct-20**	**Nov-20**	**Dec-20**	**Jan-21**	**Feb-21**	**Mar-21**	**Apr-21**	**May-21**	**Jun-21**	**Jul-21**	**Aug-21**	**Sep-21**	**Total**
Total	0												**0**
	Oct-20	**Nov-20**	**Dec-20**	**Jan-21**	**Feb-21**	**Mar-21**	**Apr-21**	**May-21**	**Jun-21**	**Jul-21**	**Aug-21**	**Sep-21**	**Total**
Total Completed	**7**												**7**

Other Completed													
Dismissed DSC. Sec. 2	**Oct-20**	**Nov-20**	**Dec-20**	**Jan-21**	**Feb-21**	**Mar-21**	**Apr-21**	**May-21**	**Jun-21**	**Jul-21**	**Aug-21**	**Sep-21**	**Total**
Traffic	3												3
State Law	0												0
City Ordinance	0												0
Parking	0												0
Total	**3**												**3**
Dismissed After Deferred Disp.	**Oct-20**	**Nov-20**	**Dec-20**	**Jan-21**	**Feb-21**	**Mar-21**	**Apr-21**	**May-21**	**Jun-21**	**Jul-21**	**Aug-21**	**Sep-21**	**Total**
Traffic	1												1
State Law	0												0
City Ordinance	0												0
Parking	0												0
Total	**1**												**1**
Dismissed By Presenting Insurance	**Oct-20**	**Nov-20**	**Dec-20**	**Jan-21**	**Feb-21**	**Mar-21**	**Apr-21**	**May-21**	**Jun-21**	**Jul-21**	**Aug-21**	**Sep-21**	**Total**

Traffic	0												0
Total	**0**												**0**
Voided Docket	**Oct-20**	**Nov-20**	**Dec-20**	**Jan-21**	**Feb-21**	**Mar-21**	**Apr-21**	**May-21**	**Jun-21**	**Jul-21**	**Aug-21**	**Sep-21**	**Total**
Traffic	0												0
State Law	0												0
Parking	0												0
City Ordinance	0												0
Total	**0**												**0**
Dismissed by Judge	**Oct-20**	**Nov-20**	**Dec-20**	**Jan-21**	**Feb-21**	**Mar-21**	**Apr-21**	**May-21**	**Jun-21**	**Jul-21**	**Aug-21**	**Sep-21**	**Total**
Traffic	0												0
State Law	0												0
City Ordinance	0												0
Parking	0												0
Total	**0**												**0**
Dismissed/ Compliance	**Oct-20**	**Nov-20**	**Dec-20**	**Jan-21**	**Feb-21**	**Mar-21**	**Apr-21**	**May-21**	**Jun-21**	**Jul-21**	**Aug-21**	**Sep-21**	**Total**
Traffic	0												0
State Law	0												0
City Ordinance	0												0
Parking	0												0
Total	**0**												
Dismissed by Prosecutor	**Oct-20**	**Nov-20**	**Dec-20**	**Jan-21**	**Feb-21**	**Mar-21**	**Apr-21**	**May-21**	**Jun-21**	**Jul-21**	**Aug-21**	**Sep-21**	**Total**
Traffic	1												1
State Law	0												0
City Ordinance	0												0
Parking	0												0
Total	**1**												**1**
	Oct-20	**Nov-20**	**Dec-20**	**Jan-21**	**Feb-21**	**Mar-21**	**Apr-21**	**May-21**	**Jun-21**	**Jul-21**	**Aug-21**	**Sep-21**	**Total**
Total other Completed	**5**												**5**
Grand Total Completed	**12**												**12**

Warrants													
Issued	**Oct-20**	**Nov-20**	**Dec-20**	**Jan-21**	**Feb-21**	**Mar-21**	**Apr-21**	**May-21**	**Jun-21**	**Jul-21**	**Aug-21**	**Sep-21**	**Total**
Traffic	0												0
State Law	0												0
City Ordinance	0												0
Parking	0												0
Total Warrants Issued	**0**												**0**
Cleared	**Oct-20**	**Nov-20**	**Dec-20**	**Jan-21**	**Feb-21**	**Mar-21**	**Apr-21**	**May-21**	**Jun-21**	**Jul-21**	**Aug-21**	**Sep-21**	**Total**
Traffic	3												3
State Law	0												0
City Ordinance	0												0
Parking	0												0

Total Warrants Cleared	**3**												3
Change in Total Warrants	**-3**												**-3**

Other Paid Cases													
Paid Fines	**Oct-20**	**Nov-20**	**Dec-20**	**Jan-21**	**Feb-21**	**Mar-21**	**Apr-21**	**May-21**	**Jun-21**	**Jul-21**	**Aug-21**	**Sep-21**	**Total**
Total Other Paid Fines	11												**11**

Payment Process Methods													
Paid Fines	**Oct-20**	**Nov-20**	**Dec-20**	**Jan-21**	**Feb-21**	**Mar-21**	**Apr-21**	**May-21**	**Jun-21**	**Jul-21**	**Aug-21**	**Sep-21**	**Total**
Municipal Court Clerk	4												4
Online	18												18
Total	**22**												**22**

Fees and Fines Paid FY 2019-2020													
	Oct-20	**Nov-20**	**Dec-20**	**Jan-21**	**Feb-21**	**Mar-21**	**Apr-21**	**May-21**	**Jun-21**	**Jul-21**	**Aug-21**	**Sep-21**	**Total**
Administrative Fee	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Administrative $20.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Arrest Fee	$ 62.63	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 62.63
Bond Fortfeiture	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
CCC04-Consolidated Court Cost	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Civil Justice Fee Court	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Civil Justice Fee State	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Court Tech Fund	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
DSC Admin Fee	$ 63.96	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 63.96
Fine	$ 434.70	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 434.70
Indigent Defense Fee	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
JFCI- Judicial Fee - City	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
JFCT2-Judicial Fee-State	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Muni. Court Bldg. Sec.	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
State Jury Fee	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
State Traffic Fee	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
TFC	$ 31.58	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 31.58
Truancy Prevention	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Omni Fees State	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Omni Base Vendor	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

Local Munucipal Jury Fund (LMJF)	$ 1.25	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1.25
CCC 2020 (CCC20)	$ 776.60	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 776.60
Local Court Technology Fund	$ 50.10	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 50.10
Local Truancy Prevention Fund	$ 62.63	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 62.63
State Traffic Fee (STF19)	$ 526.28	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 526.28
Local Building Security Fund (LMCBSF)	$ 61.37	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 61.37
Local Omni Base Fee	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Time Pmt. Plan - Local	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Time Pmt. Plan - Effiency	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Time Pmt. Plan - State	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Warrant Fee	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Collection Agency Fee	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Fees/Fines Paid	**$ 2,071.10**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 2,071.10**

Chief of Police Report - 2020

Staffing:									
	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Authorized Staff:	9	9	9	9		9	9		
Current Staff:	11	9	9	9		9	8		
Acquired Comp Hours:	1.5	2.25	28.5	42.75		21.5	0.5		
Comp Hours Spent:	0.75	10	2	4					
Vacation Hours Spent:			10			66	82		
Sick Hours Spent:		31	21			14	41		
Acquired Holiday Hours:	24		32	32		32	40		
Holiday Hours Spent :	24		24	24		24			
Acquired Overtime Hours:									
Total Hours Worked:	1496	1089	1073	1108		1024	1415		

Possible Liabilities (PD Employees Only)									
	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Comp Pool Liability (Dollars):	$ 6,434	$ 6,509	$ 6,509	$ 6,376		$ 6,376	$ 7,294		
Vacation Pool Liability (Dollars):	$ 22,466	$ 28,779	$ 28,779	$ 3,173,255		$ 33,472	$ 37,163		
Total Sick Pool Liability (Dollars):	$ 34,657	$ 36,795	$ 38,397	$ 118		$ 42,322	$ 47,972		
Total Possible Liabilities:	$ 63,557	$ 72,083	$ 73,685	$ 3,179,749		$ 82,170	$ 92,428		

Fleet:									
	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Vehicles Authorized:	3	3	3	3		3	4		
Vehicles Operational:	3	3	3	3		3	4		
Gasoline Used (gal):	416.5	389.4	420.1	3126		564.3	500		
Total Miles Driven:	3735	3473	3060	378.4		3993	3457		

Police Activity:									
	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Calls for Service									
Call dispatched:	69	86	52	27		105	92		
Self assigned calls:	30	18	18	70		35	39		
Total Calls for Service:	99	104	70	97		140	131		
Total Agency Assists:	39	45	39	54		75	49		
Criminal Offense Reports:	3	5	5	11		5	12		
Theft/Burglary Reports:	3	2		1					
Arrests									
Misdemeanor Arrests:						1	2		
Felony Arrests:			1				3		
Total Arrests:			1			1	5		
Proactive Citizen Contacts:		3	27	27		32	26		
Vehicle Accidents									

Minor Accidents:	1	1	2			1	1		
Major Accidents:									
Total Vehicle Accidents:	1	1	2			1	1		

Ordinance Violations:									
	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Construction:	12	11	1			10	4		
Solicitation:		3	2						
Noise:			1	1					
Tree Related:	3								
Animal Related:	11			1			1		
All Others:	7	2		2		2	3		
Total Ordinance Violations:	33	16	4	4		12	8		

Traffic Initiatives:									
	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Total time spent on traffic initiatives (hours):		21	32	22.75		35	61.5		
Total Citations/Warnings issued during traffic initiatives:		7	23	30		29	66		

Traffic Enforcement:									
	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Total Citations issued:	1	6	17	14		24	29		
Total Warnings issued:		7	11	20		60	44		
Total Citations and Warnings:	1	13	28	34		84	73		
Type of Violations									
Total Parking Violations:				9		4	2		
Moving Violations:		13	28	21		62	51		
Equipment Violations:				1		12	20		
Total Violations:		13	28	31		78	73		
Location of Traffic Stops									
City Roadways:		5	24	15		54	26		
Bee Caves Road:		8	4	18		30	47		
Total Traffic Stops:		13	28	33		84	73		

Police Department Report - October 2020

Staffing	
Authorized Staff:	9
Current Staff:	8
Acquired Comp Hours:	0.5
Comp Hours Spent:	0
Vacation Hours Spent:	82
Sick Hours Spent:	41
Acquired Holiday Hours:	40
Holiday Hours Spent :	0
Acquired Overtime Hours:	0
Total Hours Worked:	1415

Possible Liabilities (PD Employees Only)	
Comp Pool Liability (Dollars):	$ 7,294
Vacation Pool Liability (Dollars):	$ 37,163
Total Sick Pool Liability (Dollars):	$ 47,972
Total Possible Liabilities:	$ 92,428

Fleet	
Vehicles Authorized:	4
Vehicles Operational:	4
Gasoline Used (gal):	500
Total Miles Driven:	3457

Police Activity	
Calls for Service	
Calls Dispatched:	92
Self Assigned Calls:	39
Total Calls for Service:	131
Agency Assists:	49
Criminal Offense Reports:	12
Theft/Burglary Reports:	0
Arrests	
Misdemeanor Arrests:	2
Felony Arrests:	3
Total Arrests:	5
Proactive Citizen Contacts:	26
Vehicle Accidents	
Minor Accidents:	1
Major Accidents:	0
Total Vehicle Accidents:	1

Ordinance Violations	
Construction:	4
Solicitation:	0
Noise:	0
Tree Related:	0
Animal Related:	1
All Others:	3
Total Ordinance Violations:	8

Traffic Initiatives	
Location 1: Park Zone	
Time spent (hours):	11.25
Citations/Warnings issued at this Location:	15
Location 2: Bee Caves	
Time spent (hours):	43
Citations/Warnings Issued at this Location:	51
Location 3: Bus Route	
Time spent (hours):	7.25
Citations/Warnings Issued at this Location:	0
Total time spent on traffic initiatives (hours):	61.5
Total Citations/Warnings issued during traffic initiatives:	66

Traffic Enforcement	
Total Citations issued:	29
Total Warnings issued:	44
Total Citations and Warnings:	73
Type of Violations:	
Parking Violations:	2
Moving Violations:	51
Equipment Violations:	20
Total Violations:	73
Location of Traffic Stops	
City Roadways:	26
Bee Caves Road:	47
Total Traffic Stops:	73

Chief's Blotter

Staffing: Currently we have 8 sworn officers and 2 reserve officers. Recruiting efforts are underway to fill the vacancy left by officer Taylor.
COVID19: Currently we have sufficient supplies. All officers are healthy, and each officer records their temperature at the shifts beginning and ending. Officers routinely disinfect vehicles and workstations. Every officer now has their own assigned portable radio to reduce sharing of equipment that is worn.
Equipment: The new police patrol car has arrived and is in service. The new Kawasaki Mule is also in service and the older one has been donated to Public Works for city use.
Special Events: RPD conducted a successful Halloween “trick or trunk” event handing out over 100 bags of individual wrapped candy and goodies. It was good to return to this limited community engagement and the event was well received.
Criminal Activity: An investigation of a homeless camp behind the PHBC revealed a wanted felon. A traffic stop on Bee Caves Rd led to the arrest of a subject with 2 felony warrants who was also in possession of felony drugs. An abandon stolen car with a loaded handgun was recovered in our city after it fled from another agency.

engineers | architects | surveyors

CITY OF ROLLINGWOOD
ENGINEER'S MONTHLY REPORT
LNV, INC.
NOVEMBER 11, 2020

Includes Activities and Services from October 14 to November 11, 2020

1. Site Development Plan (Drainage) and RSDP Review

A. Drainage Plan Review

- 209 Ashworth Dr – Approved 11/6/20
- 3012 Bee Cave Rd - Provided comments 3/10/20
- 2502 Bettis Blvd – Provided comments 6/16/20
- 2801 Hubbard Circle – Provided comments 10/23/20
- 402 Inwood Rd – Provided comments 10/23/20
- 308 Nixon Dr – Approved revision – 11/10/20
- 409 Vale – Provided comments 11/11/20
- 2 S Peak – Provided comments 11/11/20
- 3306 Park Hills Dr – Provided comments 11/9/20
- 4801 Rollingwood Dr – In review process
- 4830 Rollingwood Dr – Waiting on updated plans
- 5012 Timberline Dr – Provided comments 9/16/20

B. Residential Stormwater Discharge Permit (RSDP) – No Activity

C. Drainage Plan Inspection – No Activity

2. Cul-De-Sac Waterline Improvement Project – Tabled, On-Hold

Task Order No. 21: Includes waterline improvements at the following cul-de-sacs:

A. Westgate Circle
B. Ewing Circle
C. Michele Circle
D. Jeffery Cove
E. South Crest Drive

7500 RIALTO BLVD. | BUILDING 1, SUITE 240 | AUSTIN, TEXAS 78735
OFFICE 512.381.8333 | TBPE FIRM NO. F-366 | WWW.LNVINC.COM

LNV provided final plans to the City 6/14/18. LNV has prepared updated construction cost estimates (4/17/19) with 2019 unit cost and added mobilization and a 20% contingency.

3. Water Distribution System Support

LNV continues to support the City's water distribution system needs with the following recent items:

- LNV has developed a prioritized plan for the installation of four air release valves (ARV) including specifications and details. The valves have been ordered and delivered to the city building. The City will obtain bids for the ARV installation at their discretion.
- Capital Hydrant has provided additional fire hydrant tests and identified some areas with low flow concerns. AWR has been requested to follow up on inspecting the areas of concern to determine if valve closures are causing the issues.
- LNV performed water modeling for the purpose of evaluating Rollingwood's water system capacity and to determine if the system can handle water usage associated with potential commercial growth along Bee Cave Road. The water model evaluation included demand increases along the Bee Cave Road area to evaluate fire flow capacity, pipe velocities, and overall impact on the water system's capacity. Modeling results were discussed at the Comprehensive Plan Strike Force Meeting held on November 9, 2020. Exhibits shared for the meeting are posted to LNV's shared website.
- LNV is currently working with the City to assist with the waterline abandonment plan. LNV provided David Brasich with an update to the 2016 waterline abandonment plan with a markup describing what has been completed to date and what remains to be completed.
- No changes are necessary to the November 2019 Existing Water System Map.

4. Wastewater System Support

LNV will continue to provide assistance with wastewater system support as requested.

Submitted By:

Jay Campbell, PE, CFM, CPESC
Project Manager

CITY OF ROLLINGWOOD MONTHLY STATS
Top Water Users

FY 2020-2021 Top Water Users

October	Nov	Dec	Jan	Feb	March	April	May	June	July	August	Sept
99											
89											
89											
74											
73											
71											
66											
65											
63											
62											
Avg Usage	Avg Usage	Avg Usage	Avg Usage	Avg Usage	Avg Usage	Avg Usage	Avg Usage	Avg Usage	Avg Usage	Avg Usage	Avg Usage
75.1	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

FY 2019-2020 Top Water Users

October	Nov	Dec	Jan	Feb	March	April	May	June	July	August	Sept
117	84	59	63	83	111	62	236	165	171	196	158
88	65	56	53	52	89	49	140	82	102	194	146
85	59	48	48	46	59	49	124	73	87	105	121
82	58	47	45	39	56	46	81	68	84	87	116
70	56	45	41	34	54	40	77	63	77	86	114
65	53	45	41	32	45	39	59	62	65	75	112
61	49	44	41	30	41	37	56	61	65	72	105
57	47	38	33	29	40	36	54	59	59	71	99
57	46	37	32	29	40	35	53	56	59	70	91
56	46	37	32	28	40	34	52	56	56	66	81
Avg Usage	Avg Usage	Avg Usage	Avg Usage	Avg Usage	Avg Usage	Avg Usage	Avg Usage	Avg Usage	Avg Usage	Avg Usage	Avg Usage
73.8	56.3	45.6	42.9	40.2	57.5	42.7	93.2	74.5	82.5	102.2	114.3

CITY OF ROLLINGWOOD MONTHLY STATS
Top Water Users

FY 2018-2019 Top Water Users												
October	Nov	Dec	Jan	Feb	March	April	May	June	July	August	Sept
66	43	139	170	55	52	72	43	142	82	129	148
62	39	87	120	41	39	64	43	43	74	115	145
58	37	58	97	38	33	56	42	43	64	104	129
41	34	54	40	36	30	53	38	42	59	90	125
40	34	52	40	35	28	46	37	38	58	89	117
38	34	45	38	35	27	43	34	37	56	86	90
36	33	44	37	34	27	42	30	34	53	84	87
35	33	37	36	34	27	41	30	30	52	79	82
33	31	36	31	34	26	40	30	30	50	77	80
31	28	35	28	32	26	40	30	30	48	76	76
Avg Usage	Avg Usage	Avg Usage	Avg Usage	Avg Usage	Avg Usage	Avg Usage	Avg Usage	Avg Usage	Avg Usage	Avg Usage	Avg Usage
44	34.6	58.7	63.7	37.4	31.5	49.7	35.7	46.9	59.6	92.9	107.9

CITY OF ROLLINGWOOD MONTHLY STATS

Sales Tax Revenue

FY 2020-2021	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Total	Current Average
	70,776.65												**70,777**	70,777
													70,777	**#DIV/0!**
FY 2019-2020	**Oct-19**	**Nov-19**	**Dec-19**	**Jan-20**	**Feb-20**	**Mar-20**	**Apr-20**	**May-20**	**Jun-20**	**Jul-20**	**Aug-20**	**Sep-20**	**Total**	**12 Month Average**
	91,077.01	74,497.13	81,277.56	83,216.81	100,946.34	83,922.34	69,958.41	96,980.29	52,200	65,591.18	76,475.35	86,963.31	**963,106**	**80,259**

Comparison by Month	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Total To Date
Total Increase or Decrease	-20,300	-74,497	-81,278	-83,217	-100,946	-83,922	-69,958	-96,980	-52,200	-65,591	-76,475	-86,963	**-$892,329**
Total % Increase or Decrease	-22.29%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-113.71%	**-207.03%**

Sales Tax Revenues FY 2018-2019 — Total: — 12 Mo. Avg. **$78,894**

Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19
67,571	73,123	77,158	71,452	80,971	72,136	96,237	79,896	91,090	72,701	87,223	77,169

Sales Tax Revenues FY 2017-2018 — Total: **$660,679** — 12 Mo. Avg. **$55,057**

Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18
70,733	72,033	70,289	55,644	57,445	57,218	60,690	58,942	82,731	131,881	71,529	70.733

Sales Tax Revenues FY 2016-2017 — Total: **$660,679** — 12 Mo. Avg. **$55,057**

Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17
60,763	52,993	50,776	58,251	58,466	48,582	57,935	53,949	50,885	53,050	58,131	56,898

Sales Tax Revenues FY 2015-2016 — Total: **$652,419** — 12 Mo. Avg. **$54,368**

Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	April-16	May-16	June-16	July-16	Aug-16	Sept-16
47,352	60,770	52,993	50,776	58,251	58,466	48,582	57,935	53,949	50,885	53,050	58,131

Sales Tax Revenues FY 2014-2015 — Total: **$652,419** — 12 Mo. Avg. **$54,368**

Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	April-15	May-15	June-15	July-15	Aug-15	Sept-15
52,711	53,417	60,449	55,382	70,179	60,870	43,543	51,854	60,473	48,865	51,030	43,645

Sales Tax Revenues FY 2013-2014 — Total: **$640,482** — 12 Mo. Avg. **$53,373**

Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	June-14	July-14	Aug-14	Sept-14
55,277	49,054	61,523	58,436	62,246	49,770	48,155	52,803	50,076	50,043	50,828	52,271

Sales Tax Revenues FY 2012-2013 — Total: **$582,213** — 12 Mo. Avg. **$48,518**

Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	April-13	May-13	June-13	July-13	Aug-13	Sept-11
43,066	36,155	45,606	36,037	60,951	46,029	50,569	52,451	62,850	47,677	51,672	49,150

CITY OF ROLLINGWOOD, TEXAS

PAYMENT AUTHORIZATION

Date: 10/16/2020

Budget Code: See Below

Vendor: K Friese & Associates, Inc.
1120 South Capital of Texas Hwy
City View 2, Suite 100
Austin, TX 78746

Invoice No. See Below
Invoice Date See Below
Acct No. City of Rollingwood

Vendor Code: K Friese

Nature of Expense/Expenditure: Engineering Services

Justification of Expense/Expenditure:

	Description		Quantity	Unit Cost	Extended Cost
Inv #2009049	RLWD Infrastructure Improve. Plan		1	$ 645.00	$ 645.00
Inv #2007026	Rollingwood MS4		1	$ -	$ -
Inv #2008029	Zoning Reviews	9/2/2020	1	$ -	$ -
	RLWD Infrastructure Improve. Plan	100/5332/10			
	Rollingwood MS4	702/5485/35			
	Zoning Reviews	100/5252/15			
				Total	$ 645.00

Received By: Date:

City Secretary: AW Date: 10/28/2020

Finance Dept: Date: 10/16/2020

City Administrator: Date: 10.29.2020

K·FRIESE + ASSOCIATES
PUBLIC PROJECT ENGINEERING

K Friese & Associates, Inc.
1120 South Capital of Texas Highway
CityView 2, Suite 100
Austin, Texas 78746
(512) 338-1704

October 2, 2020
Project No: 0630
Invoice No: 2009049

Amber Lewis
City of Rollingwood
403 Nixon
Rollingwood, TX 78746

Project 0630 Rollingwood Infrastructure Improvements Plan

Professional Services from September 1, 2020 to September 30, 2020

Task 100 Administration & Coordination

Professional Personnel

	Hours	Rate	Amount	
LaFollette, Caroline	1.00	120.00	120.00	
Totals	1.00		120.00	
Total Labor				**120.00**
			Total this Task	**$120.00**

Task 103 Development of CIP

Professional Personnel

	Hours	Rate	Amount	
Zeeb, Hannah	5.25	100.00	525.00	
Totals	5.25		525.00	
Total Labor				**525.00**
			Total this Task	**$525.00**
			Total this Invoice	**$645.00**

	Current	Prior	Total
Billings to Date	**645.00**	**99,347.99**	**99,992.99**

Project 0630 Rollingwood Infrastructure Improvements Invoice 2009049

Billing Backup

Friday, October 2, 2020

K Friese & Associates, Inc. Invoice 2009049 Dated 10/2/2020 10:25:04 AM

Project 0630 Rollingwood Infrastructure Improvements Plan

Task 100 Administration & Coordination

Professional Personnel

			Hours	Rate	Amount	
121	LaFollette, Caroline	9/23/2020	1.00	120.00	120.00	
	Totals		1.00		120.00	
	Total Labor					**120.00**

Total this Task **$120.00**

Task 103 Development of CIP

Professional Personnel

			Hours	Rate	Amount	
113	Zeeb, Hannah	9/21/2020	.25	100.00	25.00	
113	Zeeb, Hannah	9/23/2020	5.00	100.00	500.00	
	Totals		5.25		525.00	
	Total Labor					**525.00**

Total this Task **$525.00**

Total this Project **$645.00**

Total this Report **$645.00**

CITY OF ROLLINGWOOD, TEXAS

PAYMENT AUTHORIZATION

Date: 10/6/2020

Budget Code: See Below

Vendor: K Friese & Associates, Inc.
1120 South Capital of Texas Hwy
City View 2, Suite 100
Austin, TX 78746

Invoice No. See Below
Invoice Date 10/2/2020
Acct No. City of Rollingwood

Vendor Code: K Friese

Nature of Expense/Expenditure: Engineering Services

Justification of Expense/Expenditure:

	Description		Quantity	Unit Cost	Extended Cost
Inv #1909063	RLWD Infrastructure Improve. Plan		1	$ -	$ -
	Rollingwood MS4		1	$ -	$ -
	Zoning Reviews	**100/2008**	1	$ 1,167.50	$ 1,167.50
	RLWD Infrastructure Improve. Plan	100/5332/10			
	Rollingwood MS4	702/5485/35			
	Zoning Reviews	100/5252/15			
				Total	$ 1,167.50

Received By: Date:

City Secretary: AW Date: 10/9/2020

Finance Dept: Date: 10/2/2020

City Administrator: aal Date: 10.14.2020

K·FRIESE
+ ASSOCIATES
PUBLIC PROJECT ENGINEERING

K Friese & Associates, Inc.
1120 South Capital of Texas Highway
CityView 2, Suite 100
Austin, Texas 78746
(512) 338-1704

October 2, 2020
Project No: 0676
Invoice No: 2009050

Amber Lewis
City of Rollingwood
403 Nixon
Rollingwood, TX 78746

Project 0676 Rollingwood Development Reviews

Professional Services from September 1, 2020 to September 30, 2020

Task 100 General Services

Professional Personnel

		Hours	Rate	Amount	
Reed, Brandon		.50	85.00	42.50	
Winek, Lauren		9.00	125.00	1,125.00	
	Totals	9.50		1,167.50	
	Total Labor				**1,167.50**
			Total this Task		**$1,167.50**
			Total this Invoice		**$1,167.50**

	Current	Prior	Total
Billings to Date	**1,167.50**	**32,691.24**	**33,858.74**

Project 0676 Rollingwood Development Reviews Invoice 2009050

Billing Backup

Friday, October 2, 2020

K Friese & Associates, Inc. Invoice 2009050 Dated 10/2/2020 10:30:00 AM

Project 0676 Rollingwood Development Reviews

Task 100 General Services

Professional Personnel

			Hours	Rate	Amount	
166	Reed, Brandon	9/4/2020	.50	85.00	42.50	
141	Winek, Lauren	9/1/2020	.75	125.00	93.75	
141	Winek, Lauren	9/2/2020	.50	125.00	62.50	
141	Winek, Lauren	9/4/2020	1.50	125.00	187.50	
141	Winek, Lauren	9/8/2020	.50	125.00	62.50	
141	Winek, Lauren	9/14/2020	1.00	125.00	125.00	
141	Winek, Lauren	9/15/2020	.25	125.00	31.25	
141	Winek, Lauren	9/22/2020	2.25	125.00	281.25	
141	Winek, Lauren	9/28/2020	.75	125.00	93.75	
141	Winek, Lauren	9/29/2020	.50	125.00	62.50	
141	Winek, Lauren	9/30/2020	1.00	125.00	125.00	
	Totals		9.50		1,167.50	
	Total Labor					**1,167.50**

Total this Task **$1,167.50**

Total this Project **$1,167.50**

Total this Report **$1,167.50**

CITY OF ROLLINGWOOD, TEXAS
PAYMENT AUTHORIZATION

Date: 10/16/2020 Budget Code: See Below

Vendor: AWR Services, Inc.
500 N. Capital of Texas Hwy
Building 1, Ste 125
Austin, TX 78746

Invoice # : 14045
Invoice Date: 09/30/20
Account No. City of Rollingwood

Vendor ID: AWR

Nature of expense/expenditure: Wastewater Billing Service

Justification of expense/expenditure:

Description			Quanity	Unit Cost	Extended Cost
Waste Water Fund 800/5219/60	Utility Billing/Collection	800/2008	1	$4,225.00	$4,225.00
Waste Water Fund 800/5232/60	Utility Billing-Add'l	800/2008	1	$5,034.45	$5,034.45
			1	$0.00	$0.00
			1	$0.00	$0.00
			1	$0.00	$0.00
				TOTAL COST	$9,259.45

Approved by:

Department Supervisor: Date: 11/2/2020

Finance Dept: Date: 10/16/2020

City Secretary: Date: 10/28/2020

City Administrator:: Date: 10-29-2020

AWR

Invoice

AWR Services, Inc.
500 N. Capital of Texas Hwy
Austin, TX 78746

Date	Invoice #
9/30/2020	14045

Bill To
City of Rollingwood WW 403 Nixon Rollingwood, TX 78746

Terms
Net 30

Qty	Description	Amount
	CITY OF ROLLINGWOOD WASTEWATER SYSTEM OPERATIONS	
	Contract Operations for the month of September 2020	4,225.00
	Holiday Operations - Labor Day	275.00
	Hatley LS - responded to power failure alarm on holiday. Power came back on, reset both pumps and checked wet well level. (LC)	206.25
	Vale LS - pump failed after hours due to power surge, power restored. (CL)	103.13
	Replace auto dialer batteries at lift stations (RO)	87.75
	REIMBURSABLE EXPENSES:	
	WASTEWATER EXPENSES: Total Reimbursable Expenses	4,362.32

Thank you for your business.

Total	$9,259.45
Payments/Credits	$0.00
Balance Due	$9,259.45

AWR Services, Inc.
City of Rollingwood - Wastewater
Reimbursable Expenses September 2020

Date	Num	Source Name	Memo	Class		Amount
09/28/2020	P31583292	Batteries+Bulbs	RW - PO#077924 - batteries for 7 lift stations	Wastewater	$	97.65
09/14/2020	A18974-IN	Redifuel	RW - PO#077907 - fuel for generator	Wastewater	$	495.67
10/02/2020	11107654	Wastewater Transport Svc	RW - 101 Vale St - emergency service	Wastewater	$	800.00
10/07/2020	11107714	Wastewater Transport Svc	RW - 2600 Dellana Lane LS#1 - pump, clean, power wash	Wastewater	$	2,400.00
TOTAL					**$**	**3,793.32**
				+ 15%	$	569.00
				TOTAL	**$ 4,362.32**	

*** Please note the above reimbursable expense line items do not include cost + 15%**

Susan Cummings

From: noreply@batteriesplus.com
Sent: Tuesday, September 29, 2020 7:33 AM
To: Rhonda Parker
Subject: Batteries Plus Invoice #P31583292

RW - 7 liftstations

Remit Payment To:
Batteries Plus LLC
29314 Network Place
CHICAGO, IL 60673-1293

Batteries Plus #479
6317 Bee Caves Road, Suite 300
Austin TX 78746
Phone: (512)327-5002
Fax: 5123275004

Invoice #: P31583292
Invoice Date: Sep 28 2020
Station: 479-01

Sold to: AWR Services
500 N. Cap of Tx Hwy
AUSTIN TX 78746
5122610643

Ship to: AWR Services

Customer #: 5123310643
Sales Rep: MHAWKINS2
Customer PO#: 077924
Ship date:
Location: 479
Ship-via code: 001
Terms: Net 30

Quantity	Item#	Description	Price	Unit Flag	Ext Prc
7	SLA6-5F	6V LEAD	13.95	EACH	97.65

User: CDUNCAN1
Total Line Items: 1

Sale Subtotal: 97.65
Tax: 0.00
Total: 97.65

Tender:
Accounts Receivable 97.65

Received By: carlos lopez

Net Tender: 97.65

INVOICE

RelaDyne®
Reliability in Motion

Remit to:
Redifuel
PO Box 959236
St. Louis, MO 63195-9236
(210) 733-4383

RECEIVED
SEP 17 2020
BY:

Invoice Number:	**A18974-IN**
Invoice Date:	9/14/2020
Invoice Due Date:	9/14/2020
Order Number:	J73507
Order Date:	9/11/2020
Salesperson:	House- RF San Antonio

Payments not received by the due date will be assessed interest at a rate of1.50% per month.

Bill To: 22-0003994

AWR SERVICE
500 N CAPITAL OF TX HWY
BLDG1 STE 125
Austin, TX 78746
(512) 402-1990

Ship To: 1006

LIFT STATION
2600 DELLANA
Austin, TX 78746

Customer P.O.	Truck	Driver	Terms	Comment
077907	157190A	SU	COD	

Item Number	Unit	Ordered	Shipped	Unit Price	Amount
228	GAL	148.00000	148.00000	2.400000	355.20
DYED #2 ULTRA LOW SULFUR DSL					
/2518	HRS	1.00000	1.00000	140.000000	140.00
Pickup Svc Fee-Austin Redifuel					

FUEL PUMPED INTO A GENERATOR.

Fuel Tax Recap		
Federal LUST Fee	0.001000	0.15
Federal Oil Spill Liability	0.002140	0.32

RW WW
LS#1

Save Time!
Order Online and View Account History with our new web and mobile sites.
Sign up Today at RelaDyneExpress.com!

Net Invoice:	495.67
Freight:	0.00
Sales Tax::	0.00
Invoice Total:	**495.67**

100

RediFuel®

I have determined unit # _____
Is safe to operate. _____

I have secured unit # _____
and have determined it to be
ready to operate. _____

5735078

AUSTIN DIVISION
1-800-RediFuel
1-800-733-4383
Contract Fuel Services

1742 Rowe Loop • Pflugerville, Texas 78660

Customer Order No: POH 077907 Date 9/14 20 20

Sold To: AWR Service

Location: 2600 Dellana, Austin TX 78746

Method of Payment: ☐ Cash ☐ Check ☐ Credit Card ☐ Other

Gallons Ordered	Gallons Delivered	Description	Price	Total
		NA 1993 (Highway) Diesel, LED 3, PG III		
		NA 1993 *(Off Road) Dyed Red Diesel #2, LED 3, PG III		
248	148	**NA 1993 (Off Road) Dyed Red Diesel #2, LED 3, PG III,** delivered directly into the fuel tank of a generator, reefer unit or other off road equipment.		
		UN 1203 Gasoline, 3, PGII		
		Texas Environmental Fee		
	1	**Service Fee**		
		▲▲ Equipment Rental - Unit#		
		Generator – 148 gallons		
Ending Gallons			**Total**	

*DYED DIESEL FUEL: NON TAXABLE USE ONLY. PENALTY FOR TAXABLE USE. *1½% per month, FINANCE CHARGE, which is an ANNUAL PERCENTAGE RATE OF 18%, will be added to your previous balance without deducting current payments and/or credits appearing on the face of this delivery ticket, payable in Bexar Co., Texas ▲▲EQUIPMENT RENTAL: Customer accepts responsibility for the proper care & maintenance of the herein described equipment, including any and all contents which may be placed in or on equipment. This will remain in effect until equipment is received by Redifuel.

Time Arrived 11:45a Time Departed 12:15p

Truck No. #120

Received in Good Order By: _____

B/L or Manifest No. _____

Delivered By JP

DELIVERY TICKET

No. A 18974

EMERGENCY 800-733-4383

Invoice

#11107654

826 Linger Ln
Austin TX 78721
(512) 973-8484

10/2/2020

Bill To:

AWR Services
500 N. Capital of Texas Hwy.
Building 1, Suite 125
Austin TX 78746-3559
United States

Service Location:

101 Vale Street
Austin TX 78746
United States

Terms	Due Date	PO #	Sales Rep
Net 60	12/7/2020		House

Service Date	Manifest	Quantity	Item	Rate	Amount
10/2/2020	CG	3	Hours Unit 151 - Bobtail Vacuum Truck: Emergency service for pumping a residential grinder station with transportation for off-site disposal. (3:00 PM - 6:00 PM)	$225.00	$675.00
10/2/2020	CG	1	Hours - Overtime/Emergency Service Charge (5:00 PM - 6:00 PM)	$112.50	$112.50
10/2/2020	1134630 CG	250	Disposal Site: Austin WW Processing Facility	$0.05	$12.50

Pay your bill online at:

www.wastewaterts.com

Customer ID: 123799

Invoice Total	$800.00
Invoice Balance	$800.00

Please Remit Payments To: 826 Linger Ln, Austin, TX 78721

City of Austin / Travis County
Austin Water

101 Vale Street **Manifest / Trip Ticket for Hauled Liquid Wastes** **101 Vale Street** Number **1134630**

Generator Info

Generator Name: AWR 2407 Stratford Dr		Address: 2407 Stratford Dr	
City: Austin	State: Tx	Zip Code: 78746	Phone: 512-803-4726

1. Indicate the waste type (check one) and, if applicable, the tank, interceptor or trap capacity:

☐ Chemical toilet / portable toilet waste ☐ Wastewater from a mobile food vendor ☐ Food service grease interceptor or trap waste
☐ Wastewater treatment plant sludge ☐ Wastewater from sanitary sewer system ☐ Grit / mud / oil / lint interceptor or trap waste
☐ Other - specify source and type of waste: _____ ☐ Septic tank / sewage holding tank waste
Tank, interceptor or trap capacity: _____ (gallons)

2. This section applies to any waste removed from food service grease interceptors or traps that are subject to Austin City Code specified pump-out frequency requirements. All food service grease interceptors or traps located within the City of Austin (COA) or located at any property that receives wastewater service from Austin Water must comply. If needed, contact Austin Water to obtain the requested COA Pollution Control Device ID.

a) Was this waste removed from a grease interceptor or trap that is subject to Austin City Code pump-out requirements? ☐ Yes ☐ No

If NO, skip b) through f) below:

b)	COA Pollution Control Device ID: ☐ unknown	If ID unknown, provide device's GPS coordinates (in decimal degrees) below
c)	Percent solids/grease (estimate):	Latitude: 30. Longitude: -97.
d)	Is interceptor in good operating condition? ☐ Yes ☐ No	If any interceptor problem or defect observed, please describe below
e)	Is submission of pump-out report required? ☐ Yes ☐ No	

f) Pump-out reporting done by: ☐ Generator ☐ Hauler ☐ N/A Name or initials of person reporting: _____

Gallons Removed: 250 Date Removed: 10/2/20

As the representative for the generator of this waste, I certify that the information provided is true and correct; and that this waste is to be transported to a facility authorized by the Texas Commission on Environmental Quality (TCEQ) to receive these wastes.

Printed Name: Rick Osburn Signature: Rick Osburn

Transporter Info

Hauler Business Name: Wastewater Transport Services, LLC		Address: 820 Stager Lane Austin, Texas 78721 TCEQ#24343-COA#177 (512) 970-1165	
City:		Zip Code:	Phone:
TCEQ Registration No.:		Vehicle License No.: CRS-2424	
COA Permit No.:	Gallons Transported: 250	Date Relinquished: 10/2/20	

As the representative for the transporter of this waste, I certify that the information provided is true and correct; and that this waste was collected in accordance with Title 30 of the Texas Administrative Code, Chapter 312, Subchapter G and the Austin City Code.

Printed Name: Chris Gonzales Signature: Chris Gonzales

Transfer Info

Note: This section is for documenting transfers of wastes between vehicles operating under the same TCEQ Registration Number. The transfer of waste to any secondary transporter must be at a Type V facility that is either permitted by or registered with the TCEQ.

1. Was this waste transferred *to* the vehicle identified above *from* a previous transporter vehicle? ☐ Yes ☐ No

If YES, indicate the previous Manifest / Trip Ticket No. here: _____

2. Is this waste being transferred *from* the vehicle identified above *to* a different (new) transporter vehicle? ☐ Yes ☐ No

If YES, complete the section below for the vehicle *accepting* this waste, and **initiate a new Manifest / Trip Ticket** including the new "Transporter Info" and *the original* "Generator Info". (Duplication of the generator's signature would not be required).

New Manifest / Trip Ticket No.:	*New* Vehicle License No.:
Gallons Transferred: Austin Wastewater Processing Facility	Transfer Date:

As the representative for the transporter receiving this transferred waste, I certify that the information provided is true and correct.

Printed Name: 7201 Levander Loop Austin, Texas 78721 (512) 972-1284 Signature:

Receiver Info

Facility Name: MSW Type V - Liquid Waste Processing MSW Permit # 2418		Address:	
City:	State:	Zip Code:	Phone:
Check One: ☐ Disposal site ☐ Permitted transfer station ☐ Registered transfer station		TCEQ Type I or Type V Permit No.: OR TCEQ Registration No.:	
Gallons Received: 250	Date Received: 10/2/20	Time Received: 6p.m.	

As the representative for the facility receiving this waste, I certify that:
- The TCEQ has authorized this facility to accept the waste specified under "Generator Info" above;
- The waste was received by this facility on the date and time indicated; and
- The waste has been transferred, recycled or disposed of as required by the TCEQ authorization for this facility.

Printed Name: Ash Dehna Signature:

(W 04/2020

WHITE - Austin Water; **YELLOW** - Generator (Initial); **GREEN** - Generator (Final); **PINK** - Receiver; **GOLD** – Transporter

Invoice

#11107714

826 Linger Ln
Austin TX 78721
(512) 973-8484

10/7/2020

Bill To:

AWR Services
500 N. Capital of Texas Hwy
Building 1, Suite 125
Austin TX 78746-3559
United States

Service Location:

Lift Station # 1
2600 Dellana Lane
Rollingwood TX 78746
United States

Terms	Due Date	PO #	Sales Rep
Net 30	11/9/2020		Austin

Service Date	Manifest	Quantity	Item	Rate	Amount
10/7/2020	RM	3	Hours Unit 155 - Vac-con Vactor Truck: Service for cleaning lift station and wall power washing to remove solids, rags, grease, and grit. (3:15 PM - 6:15 PM)	$295.00	$885.00
10/7/2020	IM	3	Hours Unit 152 - Bobtail Vacuum Truck: Service for pumping wastewater during cleaning, offloading Vactor Truck and transportation for off-site disposal. (3:15 PM - 6:15 PM)	$185.00	$555.00
10/7/2020	1128011 IM	2,000	Disposal Site: Austin WW Processing Facility	$0.48	$960.00

Pay your bill online at:

www.wastewaterts.com

Customer ID: 116763

Invoice Total	$2,400.00
Invoice Balance	$2,400.00

Please Remit Payments To: 826 Linger Ln, Austin, TX 78721

City of Austin / Travis County
Austin Water
Manifest / Trip Ticket for Hauled Liquid Wastes

Number: 1128011

Generator Info

Generator Name: Deluna Law Firm		Address: 2573 Deluna Lane	
City: Kyle	State: TX	Zip Code: 78746	Phone: (512) 422-7442

1. Indicate the waste type (check one) and, if applicable, the tank, interceptor or trap capacity:

☐ Chemical toilet / portable toilet waste ☐ Wastewater from a mobile food vendor ☐ Food service grease interceptor or trap waste
☐ Wastewater treatment plant sludge ☐ Wastewater from sanitary sewer system ☐ Grit / mud / oil / lint interceptor or trap waste
☑ Other - specify source and type of waste: Sanitary sewer solids ☐ Septic tank / sewage holding tank waste
Tank, interceptor or trap capacity: _____ (gallons)

2. This section applies to any waste removed from food service grease interceptors or traps that are subject to Austin City Code specified pump-out frequency requirements. All food service grease interceptors or traps located within the City of Austin (COA) or located at any property that receives wastewater service from Austin Water must comply. If needed, contact Austin Water to obtain the requested COA Pollution Control Device ID.

a) Was this waste removed from a grease interceptor or trap that is subject to Austin City Code pump-out requirements? ☐ Yes ☑ No

If NO, skip b) through f) below:

b) COA Pollution Control Device ID: ☐ unknown		If ID unknown, provide device's GPS coordinates (in decimal degrees) below
c) Percent solids/grease (estimate):		Latitude: 30. Longitude: -97.
d) Is interceptor in good operating condition? ☐ Yes ☐ No		If any interceptor problem or defect observed, please describe below
e) Is submission of pump-out report required? ☐ Yes ☐ No		
f) Pump-out reporting done by: ☐ Generator ☐ Hauler ☐ N/A		Name or initials of person reporting:

Gallons Removed: 2000	Date Removed: 10/7/20

As the representative for the generator of this waste, I certify that the information provided is true and correct; and that this waste is to be transported to a facility authorized by the Texas Commission on Environmental Quality (TCEQ) to receive these wastes.

Printed Name: Conor Lopez **Signature:**

Transporter Info

Hauler Business Name: Wastewater Transport Services, LLC		Address: 826 Linger Lane	
City: Austin	State: Texas	Zip Code: 78721	Phone: (512) 970-1421
TCEQ Registration No.: TCEQ#24343	COA Permit No.: COA#177	Vehicle License No.: MKV 7528	
Gallons Transported: 2000		Date Relinquished: 10/07/20	

As the representative for the transporter of this waste, I certify that the information provided is true and correct; and that this waste was collected in accordance with Title 30 of the Texas Administrative Code, Chapter 312, Subchapter G and the Austin City Code.

Printed Name: Tyler M. **Signature:**

Transfer Info

Note: This section is for documenting transfers of wastes between vehicles operating under the same TCEQ Registration Number. The transfer of waste to any secondary transporter must be at a Type V facility that is either permitted by or registered with the TCEQ.

1. Was this waste transferred *to* the vehicle identified above *from* a previous transporter vehicle? ☐ Yes ☐ No

If YES, indicate the previous Manifest / Trip Ticket No. here: _____

2. Is this waste being transferred *from* the vehicle identified above *to* a different (new) transporter vehicle? ☐ Yes ☐ No

If YES, complete the section below for the vehicle *accepting* this waste, and initiate a new Manifest / Trip Ticket including the new "Transporter Info" and *the original* "Generator Info" (duplication of the generator's signature would not be required).

New Manifest / Trip Ticket No.:	*New* Vehicle License No.:
Gallons Transferred:	Transfer Date:

As the representative for the transporter receiving this transferred waste, I certify that the information provided is true and correct.

Printed Name: **Signature:**

Receiver Info

Facility Name: UWT Austin, TX 78724 (512) 972-0484		Address:	
City: Austin	State: TX	Zip Code:	Phone:

Check One: ☐ Disposal site ☐ Permitted transfer station ☐ Registered transfer station

TCEQ Type I or Type V Permit No.: _____
OR TCEQ Registration No.: _____

Gallons Received: 2000	Date Received: 10/07/20	Time Received: 6:15pm

As the representative for the facility receiving this waste, I certify that:
- The TCEQ has authorized this facility to accept the waste specified under "Generator Info" above;
- The waste was received by this facility on the date and time indicated; and
- The waste has been transferred, recycled or disposed of as required by the TCEQ authorization for this facility.

Printed Name: **Signature:**

AW 04/2020

WHITE - Austin Water; **YELLOW** - Generator (Initial); **GREEN** - Generator (Final); **PINK** - Receiver; **GOLD** – Transporter

CITY OF ROLLINGWOOD, TEXAS
PAYMENT AUTHORIZATION

Date: 10/16/2020 Budget Code: See Below

Vendor: AWR Services, Inc.
500 N. Capital of Texas Hwy
Building 1, Ste 125
Austin, TX 78746
Vendor ID AWR

Invoice # : See Below
Invoice Date: 09/30/20
Account No. City of Rollingwood

Nature of expense/expenditure: Water Billing Service
Justification of expense/expenditure:

Description				Quanity	Unit Cost	Extended Cost
Inv #14046	Water Fund - 200/5219/60	Utility Billing/Collection	200/2008	1	$6,618.69	$6,618.69
"	Water Fund - 200/5232/60	Utility Billing-Collect Add'l	200/2008	1	$4,760.96	$4,760.96
				1	$0.00	$0.00
				1	$0.00	$0.00
				1	$0.00	$0.00
					TOTAL COST	$11,379.65

Approved by:

Department Supervisor: Date: 11/2/2020
Finance Dept: Date: 10/16/2020
City Secretary: AW Date: 10/28/2020
City Administrator: ASR Date: 10.29.2020

AWR

Invoice

AWR Services, Inc.
500 N. Capital of Texas Hwy
Austin, TX 78746

Date	Invoice #
9/30/2020	14046

Bill To
City of Rollingwood - WATER 403 Nixon Rd Rollingwood, TX 78746

Terms
Net 30

Qty	Description	Amount
	CITY OF ROLLINGWOOD - WATER SYSTEM	
	Contract Operations for the month of September 2020	2,750.00
	Remote Access	325.00
597	Utility Billing	2,686.50
508	Utility Billing Stationery	560.62
7	Finals/Transfers	175.00
380	Copies	95.00
	Postage	26.57
	4828 Rollingwood - Responded to leak afterhours. Troubleshoot leak. Coordinate Boil Water Notice (BWN). Assist Utility Specialists in repairing leak. Leak was from an old, abandoned, copper service line. Traced line back to main and closed valve. 10 addresses affected. BWN was issued. Took bact sample and delivered to lab. Received clear lab results on BWN. Notified David and office of results. (MB, LB, CL)	1,178.78
	Calls with Capital Hydrant, AWR management and Jay regarding hydrant pressures on Timberline and Edge Grove. Determined 12" and 8" valves were closed. Opened valves. (MB)	44.78
	Precon meeting on installation of ARV's with David, Jay and contractor. (MB)	163.20
	3" meter failure. Request by DPW on cost of meter and replacement. Evaluated conditions and found meter in a small manhole. Discussion with Utility Specialists on how to remove and replace meter. Utility Specialists recommended a meter vault. Meeting COA specs be installed and new meter. (HL, MB, LB, KL)	565.90

Thank you for your business.

Total	
Payments/Credits	
Balance Due	

Invoice

AWR Services, Inc.
500 N. Capital of Texas Hwy
Austin, TX 78746

Date	Invoice #
9/30/2020	14046

Bill To
City of Rollingwood - WATER 403 Nixon Rd Rollingwood, TX 78746

Terms
Net 30

Qty	Description	Amount
	REIMBURSABLE EXPENSES:	
	LABORATORY EXPENSES: Total Reimbursable Expenses	105.80
	WATER EXPENSE: Total Reimbursable Expenses	2,702.50

Thank you for your business.

Total	$11,379.65
Payments/Credits	$0.00
Balance Due	$11,379.65

AWR Services, Inc.
City of Rollingwood - Water
Reimbursable Expenses September 2020

Date	Num	Source Name	Memo	Class	Amount
09/27/2020	47299	Aqua-Tech Laboratories, I RW - Aug 2020		Lab	$ 92.00
09/23/2020	3397	Utility Specialists, Inc.	service due to leak on copper service line	Water	$ 2,350.00
TOTAL					$ 2,442.00
				+ 15%	$ 366.30
				TOTAL	$ 2,808.30

*** Please note the above reimbursable expense line items do not include cost + 15%**

AQUA-TECH LABORATORIES, INC.
635 Phil Gramm Blvd., Bryan TX 77807
P: (979)778-3707, F: (979)778-3193
email: accounting@aqua-techlabs.com

Invoice

Invoice Number: 47299
Invoice Date: 9/27/2020

Bill To	Comments
AWR Services, Inc. 500 Capital of Texas Hwy N Building 1, Ste. 125 Austin, TX 78746	Rollingwood WTP August 2020 Analysis

Customer ID	Customer PO	Payment Terms	Due Date	Discount
AWR Services Inc.		Net 30	10/27/2020	

Quantity	Item ID & Matrix	Description (see key below)	Unit Price	Amount
1	A NO2N DW	Nitrite Spec SM 4500 NO2 B [NEL]	22.50	22.50
2	A Total Coliform DW	Total Coliform SM 9223 [NEL]	18.00	36.00
1	NO3N NO2N DW A...	Combined Nitrate + Nitrite as N RFA SM4500 NO3 F [NEL]	23.50	23.50
1	NO3N DW CALC	NO3N DW Calc SM4500 [NEL]	10.00	10.00

Due to the increase in operational costs, Aqua-Tech Laboratories will be implementing a slight price increase. The new price list will be effective June 1, 2019. Aqua-Tech values you as a customer and encourages you to speak with accounting staff at 979-778-3707 ext. 4 or accounting@aqua-techlabs.com if you have questions.

Location: A-Austin Laboraotory Parameter (all others through Bryan Laboratory)

Matrix Codes: NP-Non Potable Water, DW-Drinking Water, SL-Solid

NEL-NELAC Accredited, SUB-Subcontracted, INF-Informational (not certified)
DWP-Accredited through the TCEQ DW Commercial Lab Approval Program
ANR-Accreditation Not Required

Total Invoice Amount	$92.00
Payments/Credits Applied	$0.00
TOTAL	**$92.00**

Empty sample containers, which may contain site references, will be bagged and disposed via municipal waste collection.

Go paperless! If you prefer to have your invoices e-mailed, please send a request to accounting@aqua-techlabs.com and we will make the change for you.
Thank you for your business!

Utility Specialist, Inc.

3148 Dacy Ln
Kyle, TX 78640
(512) 923-4713

Invoice

DATE	INVOICE #
9/23/2020	3397

BILL TO
AWR SERVICES 500 CAPITAL OF TEXAS HWY BUILDING 1 SUITE 125, TEXAS 78746

TERMS	DUE DATE
	9/23/2020

SERVICE DATE	DESCRIPTION	RATE	QUANTITY	AMOUNT
9\12\20	DISTRICT ROLLING WOOD JOB LOCATION 4828 ROLLING WOOD DR. REPLACED WATER SERVICE DUE TO LEAK ON COPPER SERVICE LINE	2,350.00		2,350.00

Thank you for choosing Utility Specialist,Inc.

Total $2,350.00

CITY OF ROLLINGWOOD

PAYMENT AUTHORIZATION

Date: 10/6/2020

Vendor: ATS Engineers/Inspectors/Surveyors
4910 West Hwy 290
Austin, TX 78735

Vendor ID: ATS

Budget Code: See below

Invoice # : See below

Invoice Date: See below

Account No. Rollingwood

Nature of expense/expenditure:

Justification of expense/expenditure:

Description					Quanity		Extended Cost
Inv #I-902405	100/5200/15	Building Plan Reviews	9/30/2020	100/2008	1	$2,095.00	$2,095.00
Inv #I-888789	100/5200/15	Inspections	7/31/2020	100/2008	1	$3,060.00	$3,060.00
Inv #359537	100/5251/15	Inspections Plan Reviews	9/3/2020	100/2008	1	$690.00	$690.00
					1	$0.00	$0.00
					1	$0.00	$0.00
					1	$0.00	$0.00
					1	$0.00	$0.00
						0	
						TOTAL COST	$5,845.00

Approved by:

Department Supervisor: _____ Date: _____

Finance Dept: _____ Date: 10/06/20

City Secretary: AW Date: 10/9/2020

City Administrator: aal Date: 10.14.2020

ATS
Engineers | Inspectors | Surveyors

DATE	INVOICE
9/30/2020	I-902405

5200

City of Rollingwood
Attn: City Administrator
403 Nixon Drive
Rollingwood, TX 78746

P.O. #:	DUE DATE
	10/30/2020

DESCRIPTION	AMOUNT
Insulation Inspection (Correct and Proceed - 9/29/2020) at 103 Vale, Rollingwood	65.00
Frame Inspection (Correct and Proceed - 9/28/2020) at 103 Vale, Rollingwood	65.00
Frame-Electrical Inspection (Partial Passed - 9/22/2020) at 19 Treemont Drive, Rollingwood	65.00
Gas Inspection (Failed - 9/29/2020) at 200 Almarion Way, Rollingwood	65.00
Final Reinspection (Passed - 9/29/2020) at 2500 Ste 500 Bee Caves Rd, Rollingwood	75.00
Underground Electrical Inspection (Passed - 9/9/2020) at 2516 Timberline Drive, Rollingwood	65.00
Wallboard Inspection (Passed - 9/10/2020) at 2516 Timberline Drive, Rollingwood	65.00
Electrical Rough Inspection (Passed - 9/10/2020) at 2700 Bee Caves Rd, Rollingwood	75.00
Frame-Mechanical Inspection (Partial Passed - 9/21/2020) at 2700 Bee Caves Rd, Rollingwood	75.00
Wallboard Inspection (Partial Passed - 9/29/2020) at 2700 Bee Caves Rd, Rollingwood	75.00
Copper Inspection (Passed - 9/29/2020) at 2700 Bee Caves Rd, Rollingwood	75.00
Frame-Mechanical-Electrical Inspection (Correct and Proceed - 9/29/2020) at 2700 Bee Caves Rd, Rollingwood	75.00
Mechanical, Electrical and/or Plumbing Inspection (Passed - 9/16/2020) at 2724 Bee Caves Rd, Rollingwood	75.00
Final Inspection (Passed - 9/21/2020) at 2724 Bee Caves Rd, Rollingwood	75.00
Final Inspection (Failed - 9/1/2020) at 308 Nixon, Rollingwood	65.00
Payments/Credits	

Balance Due

ATS
Engineers | Inspectors | Surveyors

DATE	INVOICE
9/30/2020	I-902405

City of Rollingwood
Attn: City Administrator
403 Nixon Drive
Rollingwood, TX 78746

P.O. #:	DUE DATE
	10/30/2020

DESCRIPTION	AMOUNT
Final Reinspection (Passed - 9/17/2020) at 308 Nixon, Rollingwood	65.00
Plumbing Rough Reinspection (Passed - 9/3/2020) at 406 Riley Road, Rollingwood	65.00
Plumbing Rough Inspection (Failed - 9/1/2020) at 406 Riley Road, Rollingwood	65.00
Gas Inspection (Failed - 9/11/2020) at 406 Riley Road, Rollingwood	65.00
Frame Reinspection (Passed - 9/8/2020) at 4806 Timberline Drive, Rollingwood	65.00
Insulation Inspection (Passed - 9/29/2020) at 4806 Timberline Drive, Rollingwood	65.00
Final Reinspection (Passed - 9/2/2020) at 4811 Timberline Drive, Rollingwood	65.00
Frame-Mechanical-Electrical-Plumbing Inspection (Correct and Proceed - 9/9/2020) at 4824 Timberline, Rollingwood	65.00
Insulation Inspection (Passed - 9/21/2020) at 4824 Timberline, Rollingwood	65.00
Plumbing Topout Inspection (Passed - 9/22/2020) at 4824 Timberline, Rollingwood	65.00
Pre-pour Flatwork Inspection (Completed - 9/18/2020) at 4830 Rollingwood Dr., Rollingwood	65.00
Pool Steel Bonding Inspection (Passed - 9/22/2020) at 4830 Rollingwood Dr., Rollingwood	65.00
Insulation Inspection (Passed - 9/22/2020) at 4901 Rollingwood Dr., Rollingwood	65.00
Plumbing Rough Inspection (Failed - 9/1/2020) at 4908 Rollingwood Dr., Rollingwood	65.00
	Payments/Credits

Balance Due

ATS
Engineers | Inspectors | Surveyors

DATE	INVOICE
9/30/2020	I-902405

City of Rollingwood
Attn: City Administrator
403 Nixon Drive
Rollingwood, TX 78746

P.O. #:	DUE DATE
	10/30/2020

DESCRIPTION	AMOUNT
Underground Electrical Inspection (Failed - 9/15/2020) at 4908 Rollingwood Dr., Rollingwood	65.00
Wallboard Inspection (Failed - 9/30/2020) at 103 Vale, Rollingwood	65.00
Sales Tax	0.00
	Payments/Credits $0.00

We accept cash, checks, Visa, Master Card, American Express, and Discover. You may call 512.328.6995 to charge by phone. A late fee will be added to the invoice total for $15.00 or 10% of the invoice balance, whichever the greater, if payment is not received by

Balance Due	$2,095.00

ATS
Engineers | Inspectors | Surveyors

DATE	INVOICE
7/31/2020	I-888789

PAST DUE

City of Rollingwood
Attn: City Administrator
403 Nixon Drive
Rollingwood, TX 78746

P.O. #:	DUE DATE
	8/30/2020

DESCRIPTION	AMOUNT
Pre-Demo Inspection (Failed - 7/21/2020) at 102 Riley Road, Rollingwood	65.00
Wallboard Inspection (Passed - 7/6/2020) at 200 Almarion Way, Rollingwood	65.00
Final Gas Inspection (Passed - 7/9/2020) at 209 Ashworth, Rollingwood	65.00
Final Plumbing Inspection (Failed - 7/1/2020) at 209 Ashworth, Rollingwood	65.00
Final Plumbing Inspection (Passed - 7/10/2020) at 209 Ashworth, Rollingwood	65.00
Pool Bonding Inspection (Reinspect required - 7/10/2020) at 210 Ashworth, Rollingwood	65.00
Pool Bonding Inspection (Passed - 7/13/2020) at 210 Ashworth, Rollingwood	65.00
Pre-Demo Inspection (Passed - 7/28/2020) at 2405 Rollingwood Dr., Rollingwood	65.00
Insulation Inspection (Passed - 7/7/2020) at 2500 Hatley Drive, Rollingwood	65.00
Wallboard Inspection (Passed - 7/7/2020) at 2500 Hatley Drive, Rollingwood	65.00
Pool Bonding Inspection (Passed - 7/14/2020) at 2500 Hatley Drive, Rollingwood	65.00
Frame-Mechanical-Electrical-Plumbing Reinspection (Failed - 7/27/2020) at 2500 Hatley Drive, Rollingwood	65.00
Final Electrical Inspection (Failed - 7/15/2020) at 2500 Ste 300 Bee Caves Rd, Rollingwood	75.00
Final Mechanical Inspection (Passed - 7/2/2020) at 2500 Ste 300 Bee Caves Rd, Rollingwood	75.00
Final Electrical Reinspection (Passed - 7/16/2020) at 2500 Ste 300 Bee Caves Rd, Rollingwood	75.00
Frame-Mechanical Inspection (Correct and Proceed - 7/24/2020) at 2516 Timberline Drive, Rollingwood	65.00
	Payments/Credits

Balance Due

ATS
Engineers | Inspectors | Surveyors

DATE	INVOICE
7/31/2020	I-888789

PAST DUE

City of Rollingwood
Attn: City Administrator
403 Nixon Drive
Rollingwood, TX 78746

P.O. #:	DUE DATE
	8/30/2020

DESCRIPTION	AMOUNT
Electrical Rough Inspection (Passed - 7/10/2020) at 2705 Ste 320 Bee Caves Rd, Rollingwood	75.00
Final Inspection (Partial Passed - 7/28/2020) at 2705 Ste 320 Bee Caves Rd, Rollingwood	75.00
Insulation Inspection (Passed - 7/15/2020) at 2808 Pickwick Lane, Rollingwood	65.00
Wallboard Inspection (Partial Passed - 7/28/2020) at 2808 Pickwick Lane, Rollingwood	65.00
Wallboard Inspection (Passed - 7/24/2020) at 3010 Hatley Drive, Rollingwood	65.00
Plumbing Topout Inspection (Passed - 7/24/2020) at 3010 Hatley Drive, Rollingwood	65.00
Insulation Inspection (Passed - 7/6/2020) at 3010 Hatley Drive, Rollingwood	65.00
Pre-Construction Inspection (Completed - 7/20/2020) at 303 Inwood, Rollingwood	65.00
Final Inspection (Passed - 7/16/2020) at 305 Vale, Rollingwood	65.00
Copper/PEX Inspection (Passed - 7/13/2020) at 3200 Park Hills, Rollingwood	65.00
Final Reinspection (Passed - 7/16/2020) at 3217 Park Hills Drive, Rollingwood	65.00
Final Inspection (Failed - 7/15/2020) at 3217 Park Hills Drive, Rollingwood	65.00
Sheathing Inspection (Passed - 7/2/2020) at 4806 Timberline Drive, Rollingwood	65.00
Final Inspection (Failed - 7/16/2020) at 4811 Timberline Drive, Rollingwood	65.00
Final Inspection (Failed - 7/16/2020) at 4811 Timberline Drive, Rollingwood	65.00
Final Reinspection (Failed - 7/20/2020) at 4811 Timberline Drive, Rollingwood	65.00
	Payments/Credits

Balance Due

ATS
Engineers | Inspectors | Surveyors

DATE	INVOICE
7/31/2020	I-888789

PAST DUE

City of Rollingwood
Attn: City Administrator
403 Nixon Drive
Rollingwood, TX 78746

P.O. #:	DUE DATE
	8/30/2020

DESCRIPTION	AMOUNT
Final Reinspection (Passed - 7/20/2020) at 4811 Timberline Drive, Rollingwood	65.00
Plumbing Final Inspection (Passed - 7/28/2020) at 4811 Timberline Drive, Rollingwood	65.00
Sheathing Reinspection (Passed - 7/1/2020) at 4824 Timberline, Rollingwood	65.00
Final Mechanical Inspection (Correct and Proceed - 7/2/2020) at 5 Rockway Cove, Rollingwood	65.00
Final Plumbing Inspection (Failed - 7/2/2020) at 5 Rockway Cove, Rollingwood	65.00
Final Gas Inspection (Passed - 7/8/2020) at 5 Rockway Cove, Rollingwood	65.00
Final Inspection (Passed - 7/16/2020) at 5 Rockway Cove, Rollingwood	65.00
Final Electrical Inspection (Passed - 7/30/2020) at 601 Ridgewood Road, Rollingwood	65.00
Wallboard Inspection (Passed - 7/21/2020) at 9 Treemont Drive, Rollingwood	65.00
Frame-Mechanical-Electrical-Plumbing Inspection (Passed - 7/10/2020) at 9 Treemont Drive, Rollingwood	65.00
Insulation Inspection (Passed - 7/14/2020) at 9 Treemont Drive, Rollingwood	65.00
Plumbing Topout Inspection (Passed - 7/24/2020) at 9 Treemont Drive, Rollingwood	65.00
Frame Inspection (Passed - 7/31/2020) at 2700 Bee Caves Rd, Rollingwood	75.00
Plumbing Rough Inspection (Passed - 7/31/2020) at 2700 Bee Caves Rd, Rollingwood	75.00
Sales Tax	0.00
	Payments/Credits $0.00

We accept cash, checks, Visa, Master Card, American Express, and Discover. You may call 512.328.6995 to charge by phone. A late fee will be added to the invoice total for $15.00 or 10% of the invoice balance, whichever the greater, if payment is not received by

Balance Due	$3,060.00

ATS
Engineers | Inspectors | Surveyors

DATE	INVOICE
9/3/2020	359537

5251

City of Rollingwood
Attn: City Administrator
403 Nixon Drive
Rollingwood, TX 78746

P.O. #:	DUE DATE
	10/31/2020

DESCRIPTION	AMOUNT
Residential Plan Review Pool & Spa 28108 Hatley Drive 9/3/20	100.00
Residential Plan Review New Residence 402 Inwood Road 9/8/20	100.00
Commercial Plan Review Resubmittal Garner Roof Decks 2500 Bee Cave Rd., Bldg. 3 2hrs @ 95/hr 9/14/20	190.00
Residential Plan Review Pool & Spa 3218 Park Hills Drive 9/15/20	100.00
Residential Plan Review New Residence 5012 Timberline Drive 9/22/20	100.00
Residential Plan Review Kitchen Remodel 4818 Rollingwood Drive 9/28/20	100.00
Sales Tax	Payments/Credits 0.00 $0.00

We accept cash, checks, Visa, Master Card, American Express, and Discover. You may call 512.328.6995 to charge by phone. A late fee will be added to the invoice total for $15.00 or 10% of the invoice balance, whichever the greater, if payment is not received by

Balance Due	$690.00

4910 West Hwy 290, Austin Texas 78735
512-328-6995

2020-2021

CITY OF ROLLINGWOOD
MONTHLY FINANCIAL ANALYSIS

NOTE: YTD ACTUAL AS OF 10/31/2020; 8.33% OF FISCAL YEAR

REVENUE STATUS & COMPARISON TO PRIOR YEAR

	CURRENT YEAR:			PRIOR YEAR:	CURRENT YR
	EST. REVENUE	YTD	PERCENT	YTD	COMPARED TO PY YR
CURRENT PROPERTY TAXES	$ 1,319,671	$ 1,225	0%	$ 84	1462%
TELECOM TAXES	$ 71,600	$ 17	0%	$ -	#DIV/0!
4-B SALES TAX	$ 120,000	$ 12,474	10%	$ 12,404	101%
CITY SALES TAX	$ 500,000	$ 49,972	10%	$ 49,660	101%
ELECTRIC UTILITY FRANCHISE FEE	$ 98,000	$ -	0%	$ -	#DIV/0!
BUILDING PERMIT FEES	$ 154,150	$ 8,170	5%	$ 33,140	25%
COURT FINES	$ 35,000	$ 740	2%	$ 5,355	14%
WATER SALES	$ 800,000	$ 127,758	16%	$ 127,940	100%
STREET SALES TAX	$ 120,000	$ 12,474	10%	$ 12,404	101%
PROPERTY TAX-DEBT SERVICE 2014	$ 199,550	$ 196	0%	$ 10	1882%
PROPERTY TAX-DEBT SERVICE 2012	$ 317,520	$ 324	0%	$ 18	1808%
PROPERTY TAX-DEBT SERVICE 2019	$ 408,850	$ 392	0%	$ -	#DIV/0!
PROPERTY TAX-DEBT SERVICE 2020	$ 317,065	$ -	0%	$ -	#DIV/0!
WASTEWATER REVENUES	$ 540,000	$ 46,673	9%	$ 47,207	99%
PUD SURCHARGE	$ 98,160	$ 8,180	8%	$ 8,180	100%

BUDGET STATUS & COMPARISON TO PRIOR YEAR

	CURRENT YEAR:			PRIOR YEAR:	CURRENT YR
	BUDGET	YTD	PERCENT	YTD	COMPARED TO PY YR
GENERAL FUND:					
REVENUE	$ 2,584,386	$ 86,663	3%	$ 118,290	73%
EXPENDITURES	$ 2,578,154	$ 171,449	7%	$ 226,866	76%
WATER FUND:					
REVENUE	$ 804,600	$ 127,775	16%	$ 128,641	99%
EXPENDITURES	$ 1,040,770	$ 21,479	2%	$ 30,106	71%
STREET MAINTENANCE FUND:					
REVENUE	$ 120,050	$ 12,480	10%	$ 12,406	101%
EXPENDITURES	$ 88,465	$ 11,784	13%	$ 15,164	78%
COURT SECURITY FUND:					
REVENUE	$ 1,200	$ 63	5%	$ 147	43%
EXPENDITURES	$ 1,000	$ -	0%	$ -	#DIV/0!
COURT TECHNOLOGY FUND:					
REVENUE	$ 1,500	$ 52	3%	$ 195	26%
EXPENDITURES	$ 4,000	$ 35	1%	$ 35	100%
COURT EFFICIENCY FUND:					
REVENUE	$ 100	$ -	0%	$ -	#DIV/0!
EXPENDITURES	$ 100	$ -	0%	$ -	#DIV/0!
DEBT SERVICE FUND - 2014:					
REVENUE	$ 200,250	$ 233	0%	$ 16	1501%
EXPENDITURES	$ 199,950	$ -	0%	$ -	#DIV/0!
DEBT SERVICE FUND - 2012:					
REVENUE	$ 318,920	$ 388	0%	$ 5,862	7%
EXPENDITURES	$ 317,920	$ -	0%	$ -	#DIV/0!
DEBT SERVICE FUND - 2019:					
REVENUE	$ 410,650	$ 463	0%	$ -	#DIV/0!
EXPENDITURES	$ 409,250	$ -	0%	$ -	#DIV/0!
DEBT SERVICE FUND - 2020:					
REVENUE	$ 317,565	$ -	0%	$ -	#DIV/0!
EXPENDITURES	$ 317,465	$ -	0%	$ -	#DIV/0!
DRAINAGE FUND:					
REVENUE	$ 30,000	$ -	0%	$ -	#DIV/0!
EXPENDITURES	$ 135,000	$ -	0%	$ -	#DIV/0!
WASTE WATER FUND:					
REVENUE	$ 654,760	$ 55,818	9%	$ 56,312	99%
EXPENDITURES	$ 738,220	$ 23,587	3%	$ 25,908	91%

City of Rollingwood, Texas

Statement of Revenues and Expenditures
100 - General Fund
From 10/1/2020 Through 10/31/2020

	Current Period Actual	Current Year Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
REVENUES					
Administration	65,318.99	65,318.99	2,293,171.00	(2,227,852.01)	2.84%
Development Services	8,469.75	8,469.75	154,150.00	(145,680.25)	5.49%
Streets	11,784.31	11,784.31	88,465.00	(76,680.69)	13.32%
Police	85.00	85.00	1,750.00	(1,665.00)	4.85%
Court	739.70	739.70	46,450.00	(45,710.30)	1.59%
Park Department	265.00	265.00	400.00	(135.00)	66.25%
Total REVENUES	86,662.75	86,662.75	2,584,386.00	(2,497,723.25)	3.35%
EXPENDITURES					
Administration	40,857.86	40,857.86	744,541.00	703,683.14	5.48%
Development Services	7,569.01	7,569.01	220,469.00	212,899.99	3.43%
Sanitation	0.00	0.00	126,000.00	126,000.00	0.00%
Streets	6,245.82	6,245.82	88,465.00	82,219.18	7.06%
Police	104,770.59	104,770.59	1,192,015.00	1,087,244.41	8.78%
Court	5,208.04	5,208.04	104,594.00	99,385.96	4.97%
Park Department	6,353.21	6,353.21	85,520.00	79,166.79	7.42%
Public Works	444.78	444.78	16,550.00	16,105.22	2.68%
Total EXPENDITURES	171,449.31	171,449.31	2,578,154.00	2,406,704.69	6.65%
Excess Revenues Over (Under) Expenses	(84,786.56)	(84,786.56)	6,232.00	(91,018.56)	(1,360.50)%

City of Rollingwood, Texas

Statement of Revenues and Expenditures
200 - Water Fund
From 10/1/2020 Through 10/31/2020

	Current Period Actual	Current Year Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
REVENUES					
Non-Departmental	127,774.84	127,774.84	804,600.00	(676,825.16)	15.88%
Total REVENUES	127,774.84	127,774.84	804,600.00	(676,825.16)	15.88%
EXPENDITURES					
Non-Departmental	21,479.32	21,479.32	1,040,770.00	1,019,290.68	2.06%
Total EXPENDITURES	21,479.32	21,479.32	1,040,770.00	1,019,290.68	2.06%
Excess Revenues Over (Under) Expenses	106,295.52	106,295.52	(236,170.00)	342,465.52	(45.00)%

City of Rollingwood, Texas

Statement of Revenues and Expenditures
301 - Street Maintenance Fund
From 10/1/2020 Through 10/31/2020

	Current Period Actual	Current Year Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
REVENUES					
Non-Departmental	12,480.14	12,480.14	120,050.00	(107,569.86)	10.39%
Total REVENUES	12,480.14	12,480.14	120,050.00	(107,569.86)	10.40%
EXPENDITURES					
Non-Departmental	11,784.31	11,784.31	88,465.00	76,680.69	13.32%
Total EXPENDITURES	11,784.31	11,784.31	88,465.00	76,680.69	13.32%
Excess Revenues Over (Under) Expenses	695.83	695.83	31,585.00	(30,889.17)	2.20%

City of Rollingwood, Texas

Statement of Revenues and Expenditures
310 - Court Security Fund
From 10/1/2020 Through 10/31/2020

	Current Period Actual	Current Year Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
REVENUES					
Court	63.38	63.38	1,200.00	(1,136.62)	5.28%
Total REVENUES	63.38	63.38	1,200.00	(1,136.62)	5.28%
EXPENDITURES					
Court	0.00	0.00	1,000.00	1,000.00	0.00%
Total EXPENDITURES	0.00	0.00	1,000.00	1,000.00	0.00%
Excess Revenues Over (Under) Expenses	63.38	63.38	200.00	(136.62)	31.69%

City of Rollingwood, Texas

Statement of Revenues and Expenditures
320 - Court Technology Fund
From 10/1/2020 Through 10/31/2020

	Current Period Actual	Current Year Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
REVENUES					
Court	51.74	51.74	1,500.00	(1,448.26)	3.44%
Total REVENUES	51.74	51.74	1,500.00	(1,448.26)	3.45%
EXPENDITURES					
Court	0.00	0.00	4,000.00	4,000.00	0.00%
Total EXPENDITURES	0.00	0.00	4,000.00	4,000.00	0.00%
Excess Revenues Over (Under) Expenses	51.74	51.74	(2,500.00)	2,551.74	(2.06)%

City of Rollingwood, Texas

Statement of Revenues and Expenditures
330 - Court Efficiency Fund
From 10/1/2020 Through 10/31/2020

	Current Period Actual	Current Year Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
REVENUES					
Court	0.00	0.00	100.00	(100.00)	0.00%
Total REVENUES	0.00	0.00	100.00	(100.00)	0.00%
EXPENDITURES					
Court	0.00	0.00	100.00	100.00	0.00%
Total EXPENDITURES	0.00	0.00	100.00	100.00	0.00%
Excess Revenues Over (Under) Expenses	0.00	0.00	0.00	0.00	0.00%

City of Rollingwood, Texas

Statement of Revenues and Expenditures
430 - Debt Service Fund Series 2014
From 10/1/2020 Through 10/31/2020

	Current Period Actual	Current Year Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
REVENUES					
Non-Departmental	233.25	233.25	200,250.00	(200,016.75)	0.11%
Total REVENUES	233.25	233.25	200,250.00	(200,016.75)	0.12%
EXPENDITURES					
Non-Departmental	0.00	0.00	199,950.00	199,950.00	0.00%
Total EXPENDITURES	0.00	0.00	199,950.00	199,950.00	0.00%
Excess Revenues Over (Under) Expenses	233.25	233.25	300.00	(66.75)	77.75%

City of Rollingwood, Texas

Statement of Revenues and Expenditures
440 - Debt Service Fund Series 2012
From 10/1/2020 Through 10/31/2020

	Current Period Actual	Current Year Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
REVENUES					
Non-Departmental	387.53	387.53	318,920.00	(318,532.47)	0.12%
Total REVENUES	387.53	387.53	318,920.00	(318,532.47)	0.12%
EXPENDITURES					
Non-Departmental	0.00	0.00	317,920.00	317,920.00	0.00%
Total EXPENDITURES	0.00	0.00	317,920.00	317,920.00	0.00%
Excess Revenues Over (Under) Expenses	387.53	387.53	1,000.00	(612.47)	38.75%

City of Rollingwood, Texas

Statement of Revenues and Expenditures
450 - Debt Service Fund Series 2019
From 10/1/2020 Through 10/31/2020

	Current Period Actual	Current Year Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
REVENUES					
Non-Departmental	462.52	462.52	410,650.00	(410,187.48)	0.11%
Total REVENUES	462.52	462.52	410,650.00	(410,187.48)	0.11%
EXPENDITURES					
Non-Departmental	0.00	0.00	409,250.00	409,250.00	0.00%
Total EXPENDITURES	0.00	0.00	409,250.00	409,250.00	0.00%
Excess Revenues Over (Under) Expenses	462.52	462.52	1,400.00	(937.48)	33.03%

City of Rollingwood, Texas

Statement of Revenues and Expenditures
460 - Debt Service Fd Series 2020
From 10/1/2020 Through 10/31/2020

	Current Period Actual	Current Year Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
REVENUES					
Non-Departmental	0.00	0.00	317,565.00	(317,565.00)	0.00%
Total REVENUES	0.00	0.00	317,565.00	(317,565.00)	0.00%
EXPENDITURES					
Non-Departmental	0.00	0.00	317,465.00	317,465.00	0.00%
Total EXPENDITURES	0.00	0.00	317,465.00	317,465.00	0.00%
Excess Revenues Over (Under) Expenses	0.00	0.00	100.00	(100.00)	0.00%

City of Rollingwood, Texas

Statement of Revenues and Expenditures
702 - Drainage Fund
From 10/1/2020 Through 10/31/2020

	Current Period Actual	Current Year Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
REVENUES					
Capital Improvements	0.00	0.00	30,000.00	(30,000.00)	0.00%
Total REVENUES	0.00	0.00	30,000.00	(30,000.00)	0.00%
EXPENDITURES					
Capital Improvements	0.00	0.00	135,000.00	135,000.00	0.00%
Total EXPENDITURES	0.00	0.00	135,000.00	135,000.00	0.00%
Excess Revenues Over (Under) Expenses	0.00	0.00	(105,000.00)	105,000.00	0.00%

City of Rollingwood, Texas

Statement of Revenues and Expenditures
800 - Waste Water Fund
From 10/1/2020 Through 10/31/2020

	Current Period Actual	Current Year Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
REVENUES					
Non-Departmental	55,818.32	55,818.32	654,760.00	(598,941.68)	8.52%
Total REVENUES	55,818.32	55,818.32	654,760.00	(598,941.68)	8.53%
EXPENDITURES					
Non-Departmental	23,587.32	23,587.32	738,220.00	714,632.68	3.19%
Total EXPENDITURES	23,587.32	23,587.32	738,220.00	714,632.68	3.20%
Excess Revenues Over (Under) Expenses	32,231.00	32,231.00	(83,460.00)	115,691.00	(38.61)%

City of Rollingwood, Texas

Statement of Revenues and Expenditures - with codes
100 - General Fund
10 - Administration
From 10/1/2020 Through 10/31/2020

		Current Period Actual	Y-T-D Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
	REVENUES					
	Taxes					
4000	Current Property Taxes	1,224.71	1,224.71	1,319,671.00	(1,318,446.29)	0.09%
4020	Penalty & Int on Taxes	228.47	228.47	2,000.00	(1,771.53)	11.42%
4030	Gross Receipts Tax (Gas)	0.00	0.00	13,000.00	(13,000.00)	0.00%
4035	Telecommunication Tax	16.71	16.71	71,600.00	(71,583.29)	0.02%
4036	MIxed Beverage Tax	672.92	672.92	5,000.00	(4,327.08)	13.45%
4037	4-B Sales Tax	12,474.23	12,474.23	120,000.00	(107,525.77)	10.39%
4040	City Sales Tax	49,971.84	49,971.84	500,000.00	(450,028.16)	9.99%
4050	Franchise Tax (Cable TV)	499.34	499.34	5,000.00	(4,500.66)	9.98%
4051	Electric Utility Franchise Fee	0.00	0.00	98,000.00	(98,000.00)	0.00%
	Total Taxes	65,088.22	65,088.22	2,134,271.00	(2,069,182.78)	3.05%
	Charges for Services					
4209	RCDC Administration Fees	0.00	0.00	88,000.00	(88,000.00)	0.00%
	Total Charges for Services	0.00	0.00	88,000.00	(88,000.00)	0.00%
	Licenses & Permits					
4516	Solicitation Permit Fees	0.00	0.00	100.00	(100.00)	0.00%
	Total Licenses & Permits	0.00	0.00	100.00	(100.00)	0.00%
	Interest Income					
4400	Interest Income	19.70	19.70	2,000.00	(1,980.30)	0.98%
4401	Interest Income - Checking	28.03	28.03	100.00	(71.97)	28.03%
4405	Interest Income - Tax Notes	51.04	51.04	200.00	(148.96)	25.52%
	Total Interest Income	98.77	98.77	2,300.00	(2,201.23)	4.29%
	Revenues					
4540	Miscellaneous Receipts	132.00	132.00	500.00	(368.00)	26.40%
4736	Water Fund Administrative Fee	0.00	0.00	40,000.00	(40,000.00)	0.00%
4737	Wastewater Fd Admin Fee	0.00	0.00	28,000.00	(28,000.00)	0.00%
	Total Revenues	132.00	132.00	68,500.00	(68,368.00)	0.19%
	Total REVENUES	65,318.99	65,318.99	2,293,171.00	(2,227,852.01)	2.85%
	EXPENDITURES					
	Personnel Expenses					
5000	Salary	7,752.41	7,752.41	101,233.00	93,480.59	7.65%

City of Rollingwood, Texas

Statement of Revenues and Expenditures - with codes
100 - General Fund
10 - Administration
From 10/1/2020 Through 10/31/2020

		Current Period Actual	Y-T-D Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
5002	Holiday Compensation	0.00	0.00	5,000.00	5,000.00	0.00%
5009	Retirement Payout Reserve	0.00	0.00	10,000.00	10,000.00	0.00%
5010	Training	0.00	0.00	8,000.00	8,000.00	0.00%
5020	Health Insurance	347.22	347.22	8,193.00	7,845.78	4.23%
5030	Workers Comp. Insurance	1,496.77	1,496.77	1,500.00	3.23	99.78%
5035	Social Security/Medicare Tax	593.06	593.06	7,305.00	6,711.94	8.11%
5040	Unemployment Comp. Insurance	0.00	0.00	132.00	132.00	0.00%
5050	Tx Mun Retire Systm Exp	3,245.53	3,245.53	11,628.00	8,382.47	27.91%
	Total Personnel Expenses	13,434.99	13,434.99	152,991.00	139,556.01	8.78%
	Supplies & Operations Expenses					
5101	Fax / Copier	0.00	0.00	3,500.00	3,500.00	0.00%
5103	Printing & Reproduction	1,542.78	1,542.78	3,000.00	1,457.22	51.42%
5110	Postage	0.00	0.00	1,200.00	1,200.00	0.00%
5114	COVID-19	2,029.84	2,029.84	0.00	(2,029.84)	0.00%
5120	Subscriptions & Memberships	1,024.00	1,024.00	4,700.00	3,676.00	21.78%
5125	Travel	0.00	0.00	2,000.00	2,000.00	0.00%
5140	Telephone	0.00	0.00	5,000.00	5,000.00	0.00%
5157	Records Management	0.00	0.00	7,500.00	7,500.00	0.00%
5158	Office Supplies	0.00	0.00	8,000.00	8,000.00	0.00%
5331	Advertising	0.00	0.00	4,000.00	4,000.00	0.00%
	Total Supplies & Operations Expenses	4,596.62	4,596.62	38,900.00	34,303.38	11.82%
	Contractual Services					
5188	Legal Services-PPIA	0.00	0.00	7,500.00	7,500.00	0.00%
5204	Legal Services-MoPac	0.00	0.00	40,000.00	40,000.00	0.00%
5207	Legal Services-Code Review	0.00	0.00	5,000.00	5,000.00	0.00%
5210	Legal Services	0.00	0.00	90,000.00	90,000.00	0.00%
5214	Emergency Notification System	0.00	0.00	2,400.00	2,400.00	0.00%
5217	Payroll Services	0.00	0.00	4,500.00	4,500.00	0.00%
5226	Drug Testing	0.00	0.00	100.00	100.00	0.00%
5230	Audit	0.00	0.00	20,000.00	20,000.00	0.00%
5231	Health Fee/Travis County	0.00	0.00	1,500.00	1,500.00	0.00%
5236	Communications and Outreach	0.00	0.00	25,000.00	25,000.00	0.00%
5237	Tax Assessment/Collection	0.00	0.00	2,000.00	2,000.00	0.00%

City of Rollingwood, Texas

Statement of Revenues and Expenditures - with codes
100 - General Fund
10 - Administration
From 10/1/2020 Through 10/31/2020

		Current Period Actual	Y-T-D Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
5240	Insurance - Prop & Gen Liab	6,724.76	6,724.76	8,500.00	1,775.24	79.11%
5250	Insurance - Official Liability	3,372.18	3,372.18	5,200.00	1,827.82	64.84%
5260	Appraisal District - T/C	0.00	0.00	9,500.00	9,500.00	0.00%
5270	Engineering Services	0.00	0.00	30,000.00	30,000.00	0.00%
	Total Contractual Services	10,096.94	10,096.94	251,200.00	241,103.06	4.02%
	Miscellaneous/Other Expenses					
5300	Computer Software & Support	0.00	0.00	20,000.00	20,000.00	0.00%
5301	Public Meetings Technology	0.00	0.00	10,000.00	10,000.00	0.00%
5302	Website Support	300.00	300.00	5,000.00	4,700.00	6.00%
5309	Incode Software	0.00	0.00	80,100.00	80,100.00	0.00%
5325	Election Services	0.00	0.00	2,000.00	2,000.00	0.00%
5330	Election, Public Notice	0.00	0.00	1,000.00	1,000.00	0.00%
5332	Comprehensive Long Range Plan	645.00	645.00	30,000.00	29,355.00	2.15%
5341	Zilker Clubhouse	0.00	0.00	1,350.00	1,350.00	0.00%
	Total Miscellaneous/Other Expenses	945.00	945.00	149,450.00	148,505.00	0.63%
	Capital Outlays					
5413	Furniture	0.00	0.00	1,000.00	1,000.00	0.00%
5414	Computers	0.00	0.00	1,000.00	1,000.00	0.00%
	Total Capital Outlays	0.00	0.00	2,000.00	2,000.00	0.00%
	Non-Departmental Expenses					
5525	4B Sales Tax Allocation	11,784.31	11,784.31	150,000.00	138,215.69	7.85%
	Total Non-Departmental Expenses	11,784.31	11,784.31	150,000.00	138,215.69	7.86%
	Total EXPENDITURES	40,857.86	40,857.86	744,541.00	703,683.14	5.49%
	Excess Revenues Over (Under) Expenses	24,461.13	24,461.13	1,548,630.00	(1,524,168.87)	1.57%

City of Rollingwood, Texas

Statement of Revenues and Expenditures - with codes
100 - General Fund
15 - Development Services
From 10/1/2020 Through 10/31/2020

		Current Period Actual	Y-T-D Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
	REVENUES					
	Charges for Services					
4510	Board of Adjustment Fees	300.00	300.00	0.00	300.00	0.00%
	Total Charges for Services	300.00	300.00	0.00	300.00	0.00%
	Licenses & Permits					
4210	Plat Fees	0.00	0.00	2,000.00	(2,000.00)	0.00%
4301	Tree Removal and Replacement	0.00	0.00	500.00	(500.00)	0.00%
4302	Inspections	1,125.00	1,125.00	60,000.00	(58,875.00)	1.87%
4303	Building Fees	7,044.75	7,044.75	90,000.00	(82,955.25)	7.82%
4305	Sign Fees	0.00	0.00	1,000.00	(1,000.00)	0.00%
4306	Emergency & Utilities Permits	0.00	0.00	150.00	(150.00)	0.00%
4311	Variance Fees	0.00	0.00	500.00	(500.00)	0.00%
	Total Licenses & Permits	8,169.75	8,169.75	154,150.00	(145,980.25)	5.30%
	Total REVENUES	8,469.75	8,469.75	154,150.00	(145,680.25)	5.49%
	EXPENDITURES					
	Personnel Expenses					
5000	Salary	5,279.31	5,279.31	85,583.00	80,303.69	6.16%
5010	Training	0.00	0.00	3,000.00	3,000.00	0.00%
5020	Health Insurance	295.93	295.93	9,422.00	9,126.07	3.14%
5030	Workers Comp. Insurance	947.95	947.95	950.00	2.05	99.78%
5035	Social Security/Medicare Tax	403.86	403.86	6,547.00	6,143.14	6.16%
5040	Unemployment Comp. Insurance	0.00	0.00	152.00	152.00	0.00%
5050	Tx Mun Retire Systm Exp	641.96	641.96	10,015.00	9,373.04	6.40%
	Total Personnel Expenses	7,569.01	7,569.01	115,669.00	108,099.99	6.54%
	Supplies & Operations Expenses					
5101	Fax / Copier	0.00	0.00	100.00	100.00	0.00%
5103	Printing & Reproduction	0.00	0.00	100.00	100.00	0.00%
5110	Postage	0.00	0.00	500.00	500.00	0.00%
5120	Subscriptions & Memberships	0.00	0.00	500.00	500.00	0.00%
5125	Travel	0.00	0.00	1,000.00	1,000.00	0.00%
5140	Telephone	0.00	0.00	1,000.00	1,000.00	0.00%
5158	Office Supplies	0.00	0.00	100.00	100.00	0.00%

City of Rollingwood, Texas

Statement of Revenues and Expenditures - with codes
100 - General Fund
15 - Development Services
From 10/1/2020 Through 10/31/2020

		Current Period Actual	Y-T-D Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
5331	Advertising	0.00	0.00	1,000.00	1,000.00	0.00%
	Total Supplies & Operations Expenses	0.00	0.00	4,300.00	4,300.00	0.00%
	Contractual Services					
5200	Building Inspection Service	0.00	0.00	50,000.00	50,000.00	0.00%
5251	Building Plan Reviews	0.00	0.00	15,000.00	15,000.00	0.00%
5252	Zoning Reviews	0.00	0.00	30,000.00	30,000.00	0.00%
5253	Arborist Reviews	0.00	0.00	1,500.00	1,500.00	0.00%
5257	My Permit Now	0.00	0.00	2,000.00	2,000.00	0.00%
	Total Contractual Services	0.00	0.00	98,500.00	98,500.00	0.00%
	Miscellaneous/Other Expenses					
5300	Computer Software & Support	0.00	0.00	2,000.00	2,000.00	0.00%
	Total Miscellaneous/Other Expenses	0.00	0.00	2,000.00	2,000.00	0.00%
	Total EXPENDITURES	7,569.01	7,569.01	220,469.00	212,899.99	3.43%
	Excess Revenues Over (Under) Expenses	900.74	900.74	(66,319.00)	67,219.74	(1.35)%

City of Rollingwood, Texas

Statement of Revenues and Expenditures - with codes
100 - General Fund
20 - Sanitation
From 10/1/2020 Through 10/31/2020

		Current Period Actual	Y-T-D Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
	EXPENDITURES					
	Miscellaneous/Other Expenses					
5286	Spring Clean-Up	0.00	0.00	1,000.00	1,000.00	0.00%
5370	Waste & Disposal Service	0.00	0.00	125,000.00	125,000.00	0.00%
	Total Miscellaneous/Other Expenses	0.00	0.00	126,000.00	126,000.00	0.00%
	Total EXPENDITURES	0.00	0.00	126,000.00	126,000.00	0.00%
	Excess Revenues Over (Under) Expenses	0.00	0.00	(126,000.00)	126,000.00	0.00%

City of Rollingwood, Texas

Statement of Revenues and Expenditures - with codes
100 - General Fund
30 - Streets
From 10/1/2020 Through 10/31/2020

		Current Period Actual	Y-T-D Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
	REVENUES					
	Other Revenues					
4721	Transf From Street Maintenance	11,784.31	11,784.31	88,465.00	(76,680.69)	13.32%
	Total Other Revenues	11,784.31	11,784.31	88,465.00	(76,680.69)	13.32%
	Total REVENUES	11,784.31	11,784.31	88,465.00	(76,680.69)	13.32%
	EXPENDITURES					
	Personnel Expenses					
5000	Salary	3,872.13	3,872.13	49,381.00	45,508.87	7.84%
5020	Health Insurance	299.23	299.23	5,735.00	5,435.77	5.21%
5030	Workers Comp. Insurance	698.49	698.49	700.00	1.51	99.78%
5035	Social Security/Medicare Tax	296.22	296.22	3,778.00	3,481.78	7.84%
5040	Unemployment Comp. Insurance	6.41	6.41	92.00	85.59	6.96%
5050	Tx Mun Retire Systm Exp	470.86	470.86	5,779.00	5,308.14	8.14%
	Total Personnel Expenses	5,643.34	5,643.34	65,465.00	59,821.66	8.62%
	Supplies & Operations Expenses					
5130	Utilities	0.00	0.00	1,800.00	1,800.00	0.00%
5140	Telephone	0.00	0.00	500.00	500.00	0.00%
5145	Uniforms & Accessories	0.00	0.00	400.00	400.00	0.00%
5161	Tree Trimming Services	0.00	0.00	1,500.00	1,500.00	0.00%
5180	Signs & Barracades	148.75	148.75	2,000.00	1,851.25	7.43%
5181	Equipment Rental	0.00	0.00	1,000.00	1,000.00	0.00%
5190	Materials	0.00	0.00	1,000.00	1,000.00	0.00%
5195	Vehicle Operations	0.00	0.00	2,500.00	2,500.00	0.00%
5196	Vehicle Maintenance & Repairs	27.15	27.15	500.00	472.85	5.43%
5255	Vehicle Insurance	426.58	426.58	600.00	173.42	71.09%
5350	Tools/Equipment & Repair	0.00	0.00	1,000.00	1,000.00	0.00%
5355	Street Maintenance & Repairs	0.00	0.00	10,000.00	10,000.00	0.00%
	Total Supplies & Operations Expenses	602.48	602.48	22,800.00	22,197.52	2.64%
	Contractual Services					
5276	Paying Agent Fees	0.00	0.00	200.00	200.00	0.00%
	Total Contractual Services	0.00	0.00	200.00	200.00	0.00%
	Total EXPENDITURES	6,245.82	6,245.82	88,465.00	82,219.18	7.06%

City of Rollingwood, Texas

Statement of Revenues and Expenditures - with codes
100 - General Fund
30 - Streets
From 10/1/2020 Through 10/31/2020

	Current Period Actual	Y-T-D Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
Excess Revenues Over (Under) Expenses	5,538.49	5,538.49	0.00	5,538.49	0.00%

City of Rollingwood, Texas

Statement of Revenues and Expenditures - with codes
100 - General Fund
40 - Police
From 10/1/2020 Through 10/31/2020

		Current Period Actual	Y-T-D Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
	REVENUES					
	Revenues					
4542	Police Miscellaneous Revenue	5.00	5.00	250.00	(245.00)	2.00%
4558	Vehicle Operations	80.00	80.00	500.00	(420.00)	16.00%
4567	LEOSE Funds	0.00	0.00	1,000.00	(1,000.00)	0.00%
	Total Revenues	85.00	85.00	1,750.00	(1,665.00)	4.86%
	Total REVENUES	85.00	85.00	1,750.00	(1,665.00)	4.86%
	EXPENDITURES					
	Personnel Expenses					
5000	Salary	55,904.82	55,904.82	729,655.00	673,750.18	7.66%
5006	Overtime	0.00	0.00	10,000.00	10,000.00	0.00%
5007	Stipends	0.00	0.00	13,560.00	13,560.00	0.00%
5009	Retirement Payout Reserve	0.00	0.00	10,000.00	10,000.00	0.00%
5010	Training	0.00	0.00	7,000.00	7,000.00	0.00%
5011	Reserve Officer Pay	1,898.00	1,898.00	31,200.00	29,302.00	6.08%
5020	Health Insurance	2,915.48	2,915.48	76,602.00	73,686.52	3.80%
5030	Workers Comp. Insurance	10,776.72	10,776.72	10,800.00	23.28	99.78%
5035	Social Security/Medicare Tax	4,167.87	4,167.87	55,819.00	51,651.13	7.46%
5040	Unemployment Comp. Insurance	0.00	0.00	1,234.00	1,234.00	0.00%
5050	Tx Mun Retire Systm Exp	3,647.44	3,647.44	84,275.00	80,627.56	4.32%
5070	Police Professional Liability	5,490.94	5,490.94	8,500.00	3,009.06	64.59%
	Total Personnel Expenses	84,801.27	84,801.27	1,038,645.00	953,843.73	8.16%
	Supplies & Operations Expenses					
5103	Printing & Reproduction	0.00	0.00	500.00	500.00	0.00%
5106	Ticket Writer Fees	0.00	0.00	2,000.00	2,000.00	0.00%
5107	Police Qualification	0.00	0.00	2,500.00	2,500.00	0.00%
5109	Bicycle Maintenance	0.00	0.00	250.00	250.00	0.00%
5110	Postage	0.00	0.00	250.00	250.00	0.00%
5140	Telephone	0.00	0.00	7,300.00	7,300.00	0.00%
5143	Police Car & Accessories	0.00	0.00	5,000.00	5,000.00	0.00%
5144	Police Supplies	0.00	0.00	5,000.00	5,000.00	0.00%
5145	Uniforms & Accessories	0.00	0.00	8,500.00	8,500.00	0.00%

City of Rollingwood, Texas

Statement of Revenues and Expenditures - with codes
100 - General Fund
40 - Police
From 10/1/2020 Through 10/31/2020

		Current Period Actual	Y-T-D Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
5157	Records Management	0.00	0.00	5,700.00	5,700.00	0.00%
5158	Office Supplies	0.00	0.00	1,000.00	1,000.00	0.00%
5159	National Night Out Supplies	0.00	0.00	2,500.00	2,500.00	0.00%
5185	Communication Equipment Maint	0.00	0.00	1,000.00	1,000.00	0.00%
5186	Radar Certification	0.00	0.00	250.00	250.00	0.00%
5195	Vehicle Operations	0.00	0.00	10,000.00	10,000.00	0.00%
5196	Vehicle Maintenance & Repairs	2,548.60	2,548.60	10,000.00	7,451.40	25.48%
5255	Vehicle Insurance	3,590.39	3,590.39	5,050.00	1,459.61	71.09%
	Total Supplies & Operations Expenses	6,138.99	6,138.99	66,800.00	60,661.01	9.19%
	Contractual Services					
5211	Radio Services	0.00	0.00	5,870.00	5,870.00	0.00%
5216	Dispatch Services	0.00	0.00	23,000.00	23,000.00	0.00%
5226	Drug Testing	0.00	0.00	200.00	200.00	0.00%
5238	Temporary Building Expenses	0.00	0.00	300.00	300.00	0.00%
5239	Laboratory Services	0.00	0.00	1,000.00	1,000.00	0.00%
	Total Contractual Services	0.00	0.00	30,370.00	30,370.00	0.00%
	Miscellaneous/Other Expenses					
5300	Computer Software & Support	2,087.20	2,087.20	30,200.00	28,112.80	6.91%
	Total Miscellaneous/Other Expenses	2,087.20	2,087.20	30,200.00	28,112.80	6.91%
	Capital Outlays					
5411	Video Cameras/Microphones	0.00	0.00	1,000.00	1,000.00	0.00%
5414	Computers	0.00	0.00	13,000.00	13,000.00	0.00%
5495	New Vehicle and Outfitting	11,743.13	11,743.13	12,000.00	256.87	97.85%
	Total Capital Outlays	11,743.13	11,743.13	26,000.00	14,256.87	45.17%
	Total EXPENDITURES	104,770.59	104,770.59	1,192,015.00	1,087,244.41	8.79%
	Excess Revenues Over (Under) Expenses	(104,685.59)	(104,685.59)	(1,190,265.00)	1,085,579.41	8.79%

City of Rollingwood, Texas

Statement of Revenues and Expenditures - with codes
100 - General Fund
50 - Court
From 10/1/2020 Through 10/31/2020

		Current Period Actual	Y-T-D Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
	REVENUES					
	Fines/Forfeitures & Penalties					
4100	Court Fines	293.99	293.99	35,000.00	(34,706.01)	0.83%
4101	Collection Agency Fees	0.00	0.00	2,000.00	(2,000.00)	0.00%
4527	Drivers Safety Course Adm fee	0.00	0.00	100.00	(100.00)	0.00%
4528	Truancy Prevention Fund	0.00	0.00	500.00	(500.00)	0.00%
	Total Fines/Forfeitures & Penalties	293.99	293.99	37,600.00	(37,306.01)	0.78%
	Revenues					
4055	Child Safety Revenue	153.78	153.78	2,000.00	(1,846.22)	7.68%
4490	Truancy Prevention and Diversi	64.68	64.68	200.00	(135.32)	32.34%
4491	Muni Ct Technology	0.00	0.00	100.00	(100.00)	0.00%
4492	Municipal Jury Fund	1.29	1.29	50.00	(48.71)	2.58%
4500	Administrative Court Fees	165.51	165.51	5,000.00	(4,834.49)	3.31%
4526	Credit-Debit Card Fees	60.45	60.45	1,500.00	(1,439.55)	4.03%
	Total Revenues	445.71	445.71	8,850.00	(8,404.29)	5.04%
	Total REVENUES	739.70	739.70	46,450.00	(45,710.30)	1.59%
	EXPENDITURES					
	Personnel Expenses					
5000	Salary	2,521.67	2,521.67	41,688.00	39,166.33	6.04%
5010	Training	0.00	0.00	500.00	500.00	0.00%
5020	Health Insurance	33.48	33.48	986.00	952.52	3.39%
5030	Workers Comp. Insurance	997.84	997.84	1,000.00	2.16	99.78%
5035	Social Security/Medicare Tax	250.28	250.28	4,566.00	4,315.72	5.48%
5040	Unemployment Comp. Insurance	0.00	0.00	100.00	100.00	0.00%
5050	Tx Mun Retire Systm Exp	306.62	306.62	4,879.00	4,572.38	6.28%
	Total Personnel Expenses	4,109.89	4,109.89	53,719.00	49,609.11	7.65%
	Supplies & Operations Expenses					
5103	Printing & Reproduction	0.00	0.00	625.00	625.00	0.00%
5110	Postage	0.00	0.00	250.00	250.00	0.00%
5120	Subscriptions & Memberships	0.00	0.00	100.00	100.00	0.00%
5125	Travel	0.00	0.00	50.00	50.00	0.00%
5140	Telephone	0.00	0.00	1,000.00	1,000.00	0.00%

City of Rollingwood, Texas

Statement of Revenues and Expenditures - with codes
100 - General Fund
50 - Court
From 10/1/2020 Through 10/31/2020

		Current Period Actual	Y-T-D Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
5158	Office Supplies	0.00	0.00	250.00	250.00	0.00%
	Total Supplies & Operations Expenses	0.00	0.00	2,275.00	2,275.00	0.00%
	Contractual Services					
5201	Collection Agency Fees	0.00	0.00	1,000.00	1,000.00	0.00%
5206	Incode Online Pmt Processing	348.15	348.15	9,000.00	8,651.85	3.86%
5210	Legal Services	0.00	0.00	20,000.00	20,000.00	0.00%
5212	Presiding Judge Expense	750.00	750.00	18,000.00	17,250.00	4.16%
5213	Interpreter Fees	0.00	0.00	600.00	600.00	0.00%
	Total Contractual Services	1,098.15	1,098.15	48,600.00	47,501.85	2.26%
	Total EXPENDITURES	5,208.04	5,208.04	104,594.00	99,385.96	4.98%
	Excess Revenues Over (Under) Expenses	(4,468.34)	(4,468.34)	(58,144.00)	53,675.66	7.68%

City of Rollingwood, Texas

Statement of Revenues and Expenditures - with codes
100 - General Fund
55 - Park Department
From 10/1/2020 Through 10/31/2020

		Current Period Actual	Y-T-D Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
	REVENUES					
	Revenues					
4355	Donations - Park	10.00	10.00	100.00	(90.00)	10.00%
4519	Commercial Park Permits	255.00	255.00	200.00	55.00	127.50%
4523	Donations-Community Educ Garde	0.00	0.00	100.00	(100.00)	0.00%
	Total Revenues	265.00	265.00	400.00	(135.00)	66.25%
	Total REVENUES	265.00	265.00	400.00	(135.00)	66.25%
	EXPENDITURES					
	Personnel Expenses					
5000	Salary	3,375.19	3,375.19	37,556.00	34,180.81	8.98%
5020	Health Insurance	200.42	200.42	4,096.00	3,895.58	4.89%
5030	Workers Comp. Insurance	498.92	498.92	500.00	1.08	99.78%
5035	Social Security/Medicare Tax	258.20	258.20	2,873.00	2,614.80	8.98%
5040	Unemployment Comp. Insurance	3.20	3.20	57.00	53.80	5.61%
5050	Tx Mun Retire Systm Exp	1,148.35	1,148.35	4,338.00	3,189.65	26.47%
	Total Personnel Expenses	5,484.28	5,484.28	49,420.00	43,935.72	11.10%
	Supplies & Operations Expenses					
5103	Printing & Reproduction	0.00	0.00	500.00	500.00	0.00%
5130	Utilities	74.18	74.18	500.00	425.82	14.83%
5158	Office Supplies	0.00	0.00	100.00	100.00	0.00%
5164	Equipment Maint & Repairs	34.75	34.75	1,000.00	965.25	3.47%
5171	Equipment	0.00	0.00	3,500.00	3,500.00	0.00%
5190	Materials	0.00	0.00	3,000.00	3,000.00	0.00%
5191	Maintenance	0.00	0.00	2,500.00	2,500.00	0.00%
5195	Vehicle Operations	0.00	0.00	1,500.00	1,500.00	0.00%
5196	Vehicle Maintenance & Repairs	0.00	0.00	1,000.00	1,000.00	0.00%
5198	Fieldhouse Supplies & Maintena	0.00	0.00	8,500.00	8,500.00	0.00%
5255	Vehicle Insurance	0.00	0.00	1,500.00	1,500.00	0.00%
	Total Supplies & Operations Expenses	108.93	108.93	23,600.00	23,491.07	0.46%
	Miscellaneous/Other Expenses					
5300	Computer Software & Support	0.00	0.00	500.00	500.00	0.00%
	Total Miscellaneous/Other Expenses	0.00	0.00	500.00	500.00	0.00%

City of Rollingwood, Texas

Statement of Revenues and Expenditures - with codes
100 - General Fund
55 - Park Department
From 10/1/2020 Through 10/31/2020

		Current Period Actual	Y-T-D Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
	Capital Outlays					
5455	Improvemts to Exist Park Asset	0.00	0.00	5,000.00	5,000.00	0.00%
5456	Plants for Walking Trail	0.00	0.00	2,000.00	2,000.00	0.00%
5512	Playground Mulching & Maintena	0.00	0.00	5,000.00	5,000.00	0.00%
	Total Capital Outlays	0.00	0.00	12,000.00	12,000.00	0.00%
	Non-Departmental Expenses					
5515	Maintenance Building	760.00	760.00	0.00	(760.00)	0.00%
	Total Non-Departmental Expenses	760.00	760.00	0.00	(760.00)	0.00%
	Total EXPENDITURES	6,353.21	6,353.21	85,520.00	79,166.79	7.43%
	Excess Revenues Over (Under) Expenses	(6,088.21)	(6,088.21)	(85,120.00)	79,031.79	7.15%

City of Rollingwood, Texas

Statement of Revenues and Expenditures - with codes
100 - General Fund
65 - Public Works
From 10/1/2020 Through 10/31/2020

		Current Period Actual	Y-T-D Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
	EXPENDITURES					
	Supplies & Operations Expenses					
5130	Utilities	440.24	440.24	6,000.00	5,559.76	7.33%
5140	Telephone	0.00	0.00	300.00	300.00	0.00%
5158	Office Supplies	0.00	0.00	1,000.00	1,000.00	0.00%
	Total Supplies & Operations Expenses	440.24	440.24	7,300.00	6,859.76	6.03%
	Miscellaneous/Other Expenses					
5381	Animal Control/Disposal	0.00	0.00	250.00	250.00	0.00%
	Total Miscellaneous/Other Expenses	0.00	0.00	250.00	250.00	0.00%
	Non-Departmental Expenses					
5515	Maintenance Building	4.54	4.54	9,000.00	8,995.46	0.05%
	Total Non-Departmental Expenses	4.54	4.54	9,000.00	8,995.46	0.05%
	Total EXPENDITURES	444.78	444.78	16,550.00	16,105.22	2.69%
	Excess Revenues Over (Under) Expenses	(444.78)	(444.78)	(16,550.00)	16,105.22	2.68%

City of Rollingwood, Texas

Statement of Revenues and Expenditures - with codes
200 - Water Fund
60 - Non-Departmental
From 10/1/2020 Through 10/31/2020

		Current Period Actual	Y-T-D Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
	REVENUES					
	Interest Income					
4400	Interest Income	6.82	6.82	500.00	(493.18)	1.36%
4401	Interest Income - Checking	10.52	10.52	100.00	(89.48)	10.52%
	Total Interest Income	17.34	17.34	600.00	(582.66)	2.89%
	Revenues					
4600	Water Sales	127,756.50	127,756.50	800,000.00	(672,243.50)	15.96%
4610	Late Charges	1.00	1.00	3,000.00	(2,999.00)	0.03%
4628	Capital Recovery/Hook-Up Conne	0.00	0.00	1,000.00	(1,000.00)	0.00%
	Total Revenues	127,757.50	127,757.50	804,000.00	(676,242.50)	15.89%
	Total REVENUES	127,774.84	127,774.84	804,600.00	(676,825.16)	15.88%
	EXPENDITURES					
	Personnel Expenses					
5000	Salary	14,620.38	14,620.38	222,840.00	208,219.62	6.56%
5010	Training	0.00	0.00	2,500.00	2,500.00	0.00%
5020	Health Insurance	781.75	781.75	25,398.00	24,616.25	3.07%
5030	Workers Comp. Insurance	2,295.04	2,295.04	2,300.00	4.96	99.78%
5035	Social Security/Medicare Tax	1,118.46	1,118.46	17,047.00	15,928.54	6.56%
5040	Unemployment Comp. Insurance	43.25	43.25	307.00	263.75	14.08%
5050	Tx Mun Retire Systm Exp	1,777.84	1,777.84	26,078.00	24,300.16	6.81%
	Total Personnel Expenses	20,636.72	20,636.72	296,470.00	275,833.28	6.96%
	Supplies & Operations Expenses					
5103	Printing & Reproduction	0.00	0.00	250.00	250.00	0.00%
5105	Tools and Supplies	0.00	0.00	2,500.00	2,500.00	0.00%
5110	Postage	0.00	0.00	100.00	100.00	0.00%
5125	Travel	0.00	0.00	1,000.00	1,000.00	0.00%
5140	Telephone	0.00	0.00	500.00	500.00	0.00%
5145	Uniforms & Accessories	0.00	0.00	1,000.00	1,000.00	0.00%
5153	Credit Card Services	0.00	0.00	100.00	100.00	0.00%
5158	Office Supplies	0.00	0.00	300.00	300.00	0.00%
5166	Maintenance & Repairs	60.53	60.53	25,000.00	24,939.47	0.24%
5171	Equipment	0.00	0.00	1,500.00	1,500.00	0.00%

City of Rollingwood, Texas

Statement of Revenues and Expenditures - with codes
200 - Water Fund
60 - Non-Departmental
From 10/1/2020 Through 10/31/2020

		Current Period Actual	Y-T-D Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
5181	Equipment Rental	0.00	0.00	500.00	500.00	0.00%
5190	Materials	0.00	0.00	1,500.00	1,500.00	0.00%
5193	Meter Replacement	0.00	0.00	6,000.00	6,000.00	0.00%
5195	Vehicle Operations	0.00	0.00	2,500.00	2,500.00	0.00%
5196	Vehicle Maintenance & Repairs	0.00	0.00	500.00	500.00	0.00%
5255	Vehicle Insurance	782.07	782.07	1,100.00	317.93	71.09%
	Total Supplies & Operations Expenses	842.60	842.60	44,350.00	43,507.40	1.90%
	Contractual Services					
5167	Administrative Fees	0.00	0.00	35,000.00	35,000.00	0.00%
5210	Legal Services	0.00	0.00	10,000.00	10,000.00	0.00%
5219	Utility Billing/Collection	0.00	0.00	72,000.00	72,000.00	0.00%
5232	Utility Billing-Collect Add'l	0.00	0.00	20,000.00	20,000.00	0.00%
5270	Engineering Services	0.00	0.00	5,000.00	5,000.00	0.00%
5271	Rate Consulting Services	0.00	0.00	4,000.00	4,000.00	0.00%
5276	Paying Agent Fees	0.00	0.00	200.00	200.00	0.00%
5280	Water Purchased	0.00	0.00	550,000.00	550,000.00	0.00%
5296	TCEQ	0.00	0.00	3,000.00	3,000.00	0.00%
	Total Contractual Services	0.00	0.00	699,200.00	699,200.00	0.00%
	Miscellaneous/Other Expenses					
5300	Computer Software & Support	0.00	0.00	750.00	750.00	0.00%
	Total Miscellaneous/Other Expenses	0.00	0.00	750.00	750.00	0.00%
	Total EXPENDITURES	21,479.32	21,479.32	1,040,770.00	1,019,290.68	2.06%
	Excess Revenues Over (Under) Expenses	106,295.52	106,295.52	(236,170.00)	342,465.52	(45.00)%

City of Rollingwood, Texas

Statement of Revenues and Expenditures - with codes
301 - Street Maintenance Fund
60 - Non-Departmental
From 10/1/2020 Through 10/31/2020

		Current Period Actual	Y-T-D Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
	REVENUES					
	Taxes					
4039	Street Sales Tax	12,474.23	12,474.23	120,000.00	(107,525.77)	10.39%
	Total Taxes	12,474.23	12,474.23	120,000.00	(107,525.77)	10.40%
	Interest Income					
4400	Interest Income	5.91	5.91	50.00	(44.09)	11.82%
	Total Interest Income	5.91	5.91	50.00	(44.09)	11.82%
	Total REVENUES	12,480.14	12,480.14	120,050.00	(107,569.86)	10.40%
	EXPENDITURES					
	Capital Outlays					
5469	Transfer to Street Department	11,784.31	11,784.31	88,465.00	76,680.69	13.32%
	Total Capital Outlays	11,784.31	11,784.31	88,465.00	76,680.69	13.32%
	Total EXPENDITURES	11,784.31	11,784.31	88,465.00	76,680.69	13.32%
	Excess Revenues Over (Under) Expenses	695.83	695.83	31,585.00	(30,889.17)	2.20%

City of Rollingwood, Texas

Statement of Revenues and Expenditures - with codes
310 - Court Security Fund
50 - Court
From 10/1/2020 Through 10/31/2020

		Current Period Actual	Y-T-D Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
	REVENUES					
	Revenues					
4504	Court Security Fee	0.00	0.00	1,000.00	(1,000.00)	0.00%
4505	Muni Ct Bldg Security	63.38	63.38	200.00	(136.62)	31.69%
	Total Revenues	63.38	63.38	1,200.00	(1,136.62)	5.28%
	Total REVENUES	63.38	63.38	1,200.00	(1,136.62)	5.28%
	EXPENDITURES					
	Miscellaneous/Other Expenses					
5311	Office Security	0.00	0.00	1,000.00	1,000.00	0.00%
	Total Miscellaneous/Other Expenses	0.00	0.00	1,000.00	1,000.00	0.00%
	Total EXPENDITURES	0.00	0.00	1,000.00	1,000.00	0.00%
	Excess Revenues Over (Under) Expenses	63.38	63.38	200.00	(136.62)	31.69%

City of Rollingwood, Texas

Statement of Revenues and Expenditures - with codes
320 - Court Technology Fund
50 - Court
From 10/1/2020 Through 10/31/2020

		Current Period Actual	Y-T-D Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
	REVENUES					
	Revenues					
4491	Muni Ct Technology	51.74	51.74	0.00	51.74	0.00%
4502	Court Technology Fee	0.00	0.00	1,500.00	(1,500.00)	0.00%
	Total Revenues	51.74	51.74	1,500.00	(1,448.26)	3.45%
	Total REVENUES	51.74	51.74	1,500.00	(1,448.26)	3.45%
	EXPENDITURES					
	Miscellaneous/Other Expenses					
5300	Computer Software & Support	0.00	0.00	2,500.00	2,500.00	0.00%
	Total Miscellaneous/Other Expenses	0.00	0.00	2,500.00	2,500.00	0.00%
	Capital Outlays					
5414	Computers	0.00	0.00	1,500.00	1,500.00	0.00%
	Total Capital Outlays	0.00	0.00	1,500.00	1,500.00	0.00%
	Total EXPENDITURES	0.00	0.00	4,000.00	4,000.00	0.00%
	Excess Revenues Over (Under) Expenses	51.74	51.74	(2,500.00)	2,551.74	(2.06)%

City of Rollingwood, Texas

Statement of Revenues and Expenditures - with codes
330 - Court Efficiency Fund
50 - Court
From 10/1/2020 Through 10/31/2020

		Current Period Actual	Y-T-D Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
	REVENUES					
	Revenues					
4500	Administrative Court Fees	0.00	0.00	100.00	(100.00)	0.00%
	Total Revenues	0.00	0.00	100.00	(100.00)	0.00%
	Total REVENUES	0.00	0.00	100.00	(100.00)	0.00%
	EXPENDITURES					
	Supplies & Operations Expenses					
5158	Office Supplies	0.00	0.00	100.00	100.00	0.00%
	Total Supplies & Operations Expenses	0.00	0.00	100.00	100.00	0.00%
	Total EXPENDITURES	0.00	0.00	100.00	100.00	0.00%
	Excess Revenues Over (Under) Expenses	0.00	0.00	0.00	0.00	0.00%

City of Rollingwood, Texas

Statement of Revenues and Expenditures - with codes
430 - Debt Service Fund Series 2014
60 - Non-Departmental
From 10/1/2020 Through 10/31/2020

		Current Period Actual	Y-T-D Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
	REVENUES					
	Taxes					
4020	Penalty & Int on Taxes	36.79	36.79	300.00	(263.21)	12.26%
	Total Taxes	36.79	36.79	300.00	(263.21)	12.26%
	Interest Income					
4031	Property Tax-Debt Service Fund	196.46	196.46	199,550.00	(199,353.54)	0.09%
	Total Interest Income	196.46	196.46	199,550.00	(199,353.54)	0.10%
	Other Revenues					
4577	Trf From Streets-Paying Agent	0.00	0.00	400.00	(400.00)	0.00%
	Total Other Revenues	0.00	0.00	400.00	(400.00)	0.00%
	Total REVENUES	233.25	233.25	200,250.00	(200,016.75)	0.12%
	EXPENDITURES					
	Contractual Services					
5276	Paying Agent Fees	0.00	0.00	400.00	400.00	0.00%
5298	Bond Principal - Series 2014	0.00	0.00	125,000.00	125,000.00	0.00%
5299	Bond Interest - Series 2014	0.00	0.00	74,550.00	74,550.00	0.00%
	Total Contractual Services	0.00	0.00	199,950.00	199,950.00	0.00%
	Total EXPENDITURES	0.00	0.00	199,950.00	199,950.00	0.00%
	Excess Revenues Over (Under) Expenses	233.25	233.25	300.00	(66.75)	77.75%

City of Rollingwood, Texas

Statement of Revenues and Expenditures - with codes
440 - Debt Service Fund Series 2012
60 - Non-Departmental
From 10/1/2020 Through 10/31/2020

		Current Period Actual	Y-T-D Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
	REVENUES					
	Taxes					
4020	Penalty & Int on Taxes	63.19	63.19	1,000.00	(936.81)	6.31%
	Total Taxes	63.19	63.19	1,000.00	(936.81)	6.32%
	Interest Income					
4031	Property Tax-Debt Service Fund	324.34	324.34	317,520.00	(317,195.66)	0.10%
	Total Interest Income	324.34	324.34	317,520.00	(317,195.66)	0.10%
	Other Revenues					
4573	Trf From Wastewater-Pay Agent	0.00	0.00	400.00	(400.00)	0.00%
	Total Other Revenues	0.00	0.00	400.00	(400.00)	0.00%
	Total REVENUES	387.53	387.53	318,920.00	(318,532.47)	0.12%
	EXPENDITURES					
	Contractual Services					
5276	Paying Agent Fees	0.00	0.00	400.00	400.00	0.00%
5342	Debt Service-2012A Interest	0.00	0.00	22,520.00	22,520.00	0.00%
5343	Debt Service-Principal 2012A	0.00	0.00	295,000.00	295,000.00	0.00%
	Total Contractual Services	0.00	0.00	317,920.00	317,920.00	0.00%
	Total EXPENDITURES	0.00	0.00	317,920.00	317,920.00	0.00%
	Excess Revenues Over (Under) Expenses	387.53	387.53	1,000.00	(612.47)	38.75%

City of Rollingwood, Texas

Statement of Revenues and Expenditures - with codes
450 - Debt Service Fund Series 2019
60 - Non-Departmental
From 10/1/2020 Through 10/31/2020

		Current Period Actual	Y-T-D Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
	REVENUES					
	Taxes					
4020	Penalty & Int on Taxes	70.41	70.41	1,000.00	(929.59)	7.04%
	Total Taxes	70.41	70.41	1,000.00	(929.59)	7.04%
	Interest Income					
4031	Property Tax-Debt Service Fund	392.11	392.11	408,850.00	(408,457.89)	0.09%
	Total Interest Income	392.11	392.11	408,850.00	(408,457.89)	0.10%
	Other Revenues					
4573	Trf From Wastewater-Pay Agent	0.00	0.00	800.00	(800.00)	0.00%
	Total Other Revenues	0.00	0.00	800.00	(800.00)	0.00%
	Total REVENUES	462.52	462.52	410,650.00	(410,187.48)	0.11%
	EXPENDITURES					
	Contractual Services					
5276	Paying Agent Fees	0.00	0.00	400.00	400.00	0.00%
5307	Bond Principal - Series 2019	0.00	0.00	408,850.00	408,850.00	0.00%
	Total Contractual Services	0.00	0.00	409,250.00	409,250.00	0.00%
	Total EXPENDITURES	0.00	0.00	409,250.00	409,250.00	0.00%
	Excess Revenues Over (Under) Expenses	462.52	462.52	1,400.00	(937.48)	33.03%

City of Rollingwood, Texas

Statement of Revenues and Expenditures - with codes
460 - Debt Service Fd Series 2020
60 - Non-Departmental
From 10/1/2020 Through 10/31/2020

		Current Period Actual	Y-T-D Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
	REVENUES					
	Taxes					
4020	Penalty & Int on Taxes	0.00	0.00	500.00	(500.00)	0.00%
	Total Taxes	0.00	0.00	500.00	(500.00)	0.00%
	Interest Income					
4031	Property Tax-Debt Service Fund	0.00	0.00	317,065.00	(317,065.00)	0.00%
	Total Interest Income	0.00	0.00	317,065.00	(317,065.00)	0.00%
	Total REVENUES	0.00	0.00	317,565.00	(317,565.00)	0.00%
	EXPENDITURES					
	Contractual Services					
5276	Paying Agent Fees	0.00	0.00	400.00	400.00	0.00%
5348	Debt Svc Interest Tax Notes	0.00	0.00	37,065.00	37,065.00	0.00%
5349	Debt Svc Principal Tax Notes	0.00	0.00	280,000.00	280,000.00	0.00%
	Total Contractual Services	0.00	0.00	317,465.00	317,465.00	0.00%
	Total EXPENDITURES	0.00	0.00	317,465.00	317,465.00	0.00%
	Excess Revenues Over (Under) Expenses	0.00	0.00	100.00	(100.00)	0.00%

City of Rollingwood, Texas

Statement of Revenues and Expenditures - with codes
702 - Drainage Fund
35 - Capital Improvements
From 10/1/2020 Through 10/31/2020

		Current Period Actual	Y-T-D Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
	REVENUES					
	Licenses & Permits					
4660	Drainage Review Revenue	0.00	0.00	30,000.00	(30,000.00)	0.00%
	Total Licenses & Permits	0.00	0.00	30,000.00	(30,000.00)	0.00%
	Total REVENUES	0.00	0.00	30,000.00	(30,000.00)	0.00%
	EXPENDITURES					
	Contractual Services					
5270	Engineering Services	0.00	0.00	50,000.00	50,000.00	0.00%
	Total Contractual Services	0.00	0.00	50,000.00	50,000.00	0.00%
	Capital Outlays					
5485	MS-4 Expenditures	0.00	0.00	3,000.00	3,000.00	0.00%
5507	Drainage Expenditures-Zone 7	0.00	0.00	82,000.00	82,000.00	0.00%
	Total Capital Outlays	0.00	0.00	85,000.00	85,000.00	0.00%
	Total EXPENDITURES	0.00	0.00	135,000.00	135,000.00	0.00%
	Excess Revenues Over (Under) Expenses	0.00	0.00	(105,000.00)	105,000.00	0.00%

City of Rollingwood, Texas

Statement of Revenues and Expenditures - with codes
800 - Waste Water Fund
60 - Non-Departmental
From 10/1/2020 Through 10/31/2020

		Current Period Actual	Y-T-D Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
	REVENUES					
	Interest Income					
4400	Interest Income	34.21	34.21	2,000.00	(1,965.79)	1.71%
4401	Interest Income - Checking	10.74	10.74	100.00	(89.26)	10.74%
	Total Interest Income	44.95	44.95	2,100.00	(2,055.05)	2.14%
	Revenues					
4620	Wastewater Revenues	46,672.52	46,672.52	540,000.00	(493,327.48)	8.64%
4628	Capital Recovery/Hook-Up Conne	0.00	0.00	3,500.00	(3,500.00)	0.00%
	Total Revenues	46,672.52	46,672.52	543,500.00	(496,827.48)	8.59%
	Other Revenues					
4706	Industrial Waste Surcharge Fee	921.33	921.33	11,000.00	(10,078.67)	8.37%
4709	PUD Wastewater Surcharge	8,179.52	8,179.52	98,160.00	(89,980.48)	8.33%
	Total Other Revenues	9,100.85	9,100.85	109,160.00	(100,059.15)	8.34%
	Total REVENUES	55,818.32	55,818.32	654,760.00	(598,941.68)	8.53%
	EXPENDITURES					
	Personnel Expenses					
5000	Salary	14,620.38	14,620.38	222,840.00	208,219.62	6.56%
5010	Training	0.00	0.00	1,000.00	1,000.00	0.00%
5020	Health Insurance	781.75	781.75	25,398.00	24,616.25	3.07%
5030	Workers Comp. Insurance	2,344.94	2,344.94	2,350.00	5.06	99.78%
5035	Social Security/Medicare Tax	1,118.47	1,118.47	17,047.00	15,928.53	6.56%
5040	Unemployment Comp. Insurance	43.25	43.25	307.00	263.75	14.08%
5050	Tx Mun Retire Systm Exp	1,777.84	1,777.84	26,078.00	24,300.16	6.81%
	Total Personnel Expenses	20,686.63	20,686.63	295,020.00	274,333.37	7.01%
	Supplies & Operations Expenses					
5103	Printing & Reproduction	0.00	0.00	100.00	100.00	0.00%
5125	Travel	0.00	0.00	500.00	500.00	0.00%
5145	Uniforms & Accessories	0.00	0.00	1,000.00	1,000.00	0.00%
5163	Grinder Pump Maint/Replacement	0.00	0.00	3,000.00	3,000.00	0.00%
5166	Maintenance & Repairs	1,693.30	1,693.30	35,000.00	33,306.70	4.83%
5195	Vehicle Operations	0.00	0.00	2,000.00	2,000.00	0.00%
5255	Vehicle Insurance	782.07	782.07	1,100.00	317.93	71.09%

City of Rollingwood, Texas

Statement of Revenues and Expenditures - with codes
800 - Waste Water Fund
60 - Non-Departmental
From 10/1/2020 Through 10/31/2020

		Current Period Actual	Y-T-D Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
	Total Supplies & Operations Expenses	2,475.37	2,475.37	42,700.00	40,224.63	5.80%
	Contractual Services					
5167	Administrative Fees	0.00	0.00	28,000.00	28,000.00	0.00%
5210	Legal Services	0.00	0.00	10,000.00	10,000.00	0.00%
5218	Annual Televising/Smoke Testin	0.00	0.00	18,500.00	18,500.00	0.00%
5219	Utility Billing/Collection	0.00	0.00	36,000.00	36,000.00	0.00%
5232	Utility Billing-Collect Add'l	0.00	0.00	60,000.00	60,000.00	0.00%
5240	Insurance - Prop & Gen Liab	425.32	425.32	500.00	74.68	85.06%
5270	Engineering Services	0.00	0.00	2,500.00	2,500.00	0.00%
5290	Wastewater Fees	0.00	0.00	230,000.00	230,000.00	0.00%
5292	Industrial Waste Surcharges	0.00	0.00	12,000.00	12,000.00	0.00%
	Total Contractual Services	425.32	425.32	397,500.00	397,074.68	0.11%
	Miscellaneous/Other Expenses					
5300	Computer Software & Support	0.00	0.00	3,000.00	3,000.00	0.00%
	Total Miscellaneous/Other Expenses	0.00	0.00	3,000.00	3,000.00	0.00%
	Total EXPENDITURES	23,587.32	23,587.32	738,220.00	714,632.68	3.20%
	Excess Revenues Over (Under) Expenses	32,231.00	32,231.00	(83,460.00)	115,691.00	(38.61)%

City of Rollingwood, Texas
Balance Sheet
As of 10/31/2020

		General Fund	Water Fund	Street Maintenance Fund	POLICE FUND	Waste Water Fund	Court Security Fund	Court Technology Fund	Court Efficiency Fund	Debt Service Fund Series 2014	Debt Service Fund Series 2012	Drainage Fund	Debt Service Fund Series 2019	Total
	ASSETS													
	Current Assets													
1000	Operating Cash	959,710.16	473,017.65	235,426.85	0.00	415,989.17	14,918.15	8,435.22	114.31	(3,791.07)	(11,825.21)	(22,812.72)	(5,437.92)	2,063,744.59
1004	Police Fund Cash	0.00	0.00	0.00	3,315.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,315.13
1006	Cash-Cap Proj SR2014GO Streets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1007	Cash-DS SR2014 GO Streets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.34)	0.00	0.00	0.00	(1.34)
1009	Cash-DS SR2014 Water Improv	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.34	0.00	0.00	0.00	1.34
1011	Petty Cash - Court	250.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	250.00
1014	Cash - Tax Notes	2,003,255.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,003,255.67
1016	Merchant Acct Cash	1,126.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,126.57
1018	Cash - Development Svcs	69,782.63	250.00	0.00	0.00	1,631.93	0.00	0.00	0.00	0.00	0.00	700.00	0.00	72,364.56
1030	Tex-Pool	173,843.37	60,211.62	0.00	0.00	301,843.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	535,898.65
1131	Net Pension Asset	0.00	(55,780.08)	0.00	0.00	(55,780.08)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(111,560.16)
1141	Deferred Outflows of Resources	0.00	28,973.64	0.00	0.00	28,973.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57,947.28
1142	Deferred Outflows - OPEB	0.00	667.80	0.00	0.00	667.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,335.60

City of Rollingwood, Texas
Balance Sheet
As of 10/31/2020

		General Fund	Water Fund	Street Maintenance Fund	POLICE FUND	Waste Water Fund	Court Security Fund	Court Technology Fund	Court Efficiency Fund	Debt Service Fund Series 2014	Debt Service Fund Series 2012	Drainage Fund	Debt Service Fund Series 2019	Total
1200	Accounts Receivable	20.00	175,326.53	0.00	0.00	82,859.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	258,206.36
1205	Allows for Uncollectables	0.00	(7,300.00)	0.00	0.00	(9,000.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(16,300.00)
1207	Grants Receivable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1213	Live Oak Mira Vista PUD	0.00	0.00	0.00	0.00	1,611.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,611.94
1215	Other Receivables (Water)	0.00	0.00	0.00	0.00	(470.97)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(470.97)
1216	Mira Vista PUD Receivable	0.00	0.00	0.00	0.00	2,087.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,087.90
1217	Cencor PUD Receivable	0.01	0.00	0.00	0.00	(0.05)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)
1218	Endeavor PUD Receivable	0.00	0.00	0.00	0.00	8,071.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8,071.42
1230	Taxes Receivable - General	22,116.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16,934.71	0.00	0.00	0.00	39,051.57
1250	Allowance For Losses	0.00	(4,500.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(4,500.00)
1350	Sales Tax Receivable	50,413.15	0.00	12,387.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	62,800.16
1370	Prepaid Expense Item	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total Current Assets	3,280,518.42	670,867.16	247,813.86	3,315.13	778,486.19	14,918.15	8,435.22	114.31	13,143.64	(11,825.21)	(22,112.72)	(5,437.92)	4,978,236.23
	Plant & Equipment													

City of Rollingwood, Texas
Balance Sheet
As of 10/31/2020

		General Fund	Water Fund	Street Maintenance Fund	POLICE FUND	Waste Water Fund	Court Security Fund	Court Technology Fund	Court Efficiency Fund	Debt Service Fund Series 2014	Debt Service Fund Series 2012	Drainage Fund	Debt Service Fund Series 2019	Total
1600	Water Systems	0.00	1,885,140.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,885,140.74
1601	Water Line Improvements	0.00	1,799,149.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,799,149.92
1605	W/WW Imp.BCR	0.00	561,036.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	561,036.56
1606	Cap.Imp.BackFlow	0.00	92,420.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	92,420.00
1610	Accum Depreciation	0.00	(1,709,116.58)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1,709,116.58)
1614	Construction In Progress	0.00	0.00	0.00	0.00	43,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43,000.00
1615	Water Line Improvements	0.00	0.00	0.00	0.00	194,039.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	194,039.50
1616	Wastewater System	0.00	0.00	0.00	0.00	12,262,665.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12,262,665.58
1620	Equipment	0.00	27,951.36	0.00	0.00	99,957.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	127,908.58
1621	Computer	0.00	1,726.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,726.00
1628	Accum Deprec - Maint & Office	0.00	(37,361.43)	0.00	0.00	(1,302,796.11)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1,340,157.54)
1630	Accum Depr - Equipment	0.00	0.00	0.00	0.00	(1,126,880.80)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1,126,880.80)
	Total Plant & Equipment	0.00	2,620,946.57	0.00	0.00	10,169,985.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12,790,931.96
	Total ASSETS	3,280,518.42	3,291,813.73	247,813.86	3,315.13	10,948,471.58	14,918.15	8,455.22	114.31	13,143.64	(11,825.21)	(22,112.72)	(5,437.92)	17,769,168.19
	LIABILITIES & RESERVES													
	Current Liabilities													
2000	Accounts Payable	(85.65)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(85.65)

City of Rollingwood, Texas
Balance Sheet
As of 10/31/2020

		General Fund	Water Fund	Street Maintenance Fund	POLICE FUND	Waste Water Fund	Court Security Fund	Court Technology Fund	Court Efficiency Fund	Debt Service Fund Series 2014	Debt Service Fund Series 2012	Drainage Fund	Debt Service Fund Series 2019	Total
2003	Accounts Payable - Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2008	Accounts Payable Other	11,323.53	(377.65)	0.00	0.00	(2,301.32)	0.00	23.33	0.00	0.00	0.00	2,835.00	0.00	11,502.89
2010	Health Insurance	(12,185.49)	(4,037.81)	0.00	0.00	(4,146.40)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(20,369.70)
2012	Aflac Insurance	(33.06)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(33.06)
2015	Economic Development Sales Tax	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2016	457 EE Pretax	6,380.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6,380.00
2020	Federal W/H Tax	209.47	0.00	0.00	0.00	(2.09)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	207.38
2030	Unemployment Tax Liability	(1,239.59)	(194.89)	0.00	0.00	(530.24)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1,964.72)
2035	Social Security/Medicare Tax	676.68	(408.72)	0.00	0.00	(71.12)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	196.84
2050	Appearance Bond Reserve	(738.54)	0.00	0.00	0.00	0.00	(9.00)	(16.00)	0.00	0.00	0.00	0.00	0.00	(763.54)
2055	Omnibase Vendor Reserve	(7.43)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(7.43)
2060	Traffic Fine Reserve	8,844.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8,844.94
2070	Deferred Revenues	12,646.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12,646.02
2080	TMRS Retirement W/Held	(2,924.83)	(2,500.81)	0.00	0.00	(2,048.65)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(7,474.29)

City of Rollingwood, Texas
Balance Sheet
As of 10/31/2020

		General Fund	Water Fund	Street Maintenance Fund	POLICE FUND	Waste Water Fund	Court Security Fund	Court Technology Fund	Court Efficiency Fund	Debt Service Fund Series 2014	Debt Service Fund Series 2012	Drainage Fund	Debt Service Fund Series 2019	Total
2090	Deferred Revenue-Paving Assess	0.00	0.00	0.00	0.00	323.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	323.48
2100	Meter Service Deposits	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2110	Compensated Absence Pay	163.00	10,449.66	0.00	0.00	10,449.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21,062.32
2115	Salaries Payable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2117	Unclaimed Property	153.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	153.97
2119	Restrict Cov Amend 2805 Pickwi	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,500.00
2120	Bonds Payable-SR2014 Water Imp	0.00	(146,934.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(146,934.00)
2121	Bond Premium-SR2014 Water Impr	0.00	911,635.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	911,635.76
2122	Accrued Interest Payable	0.00	4,166.19	0.00	0.00	66,050.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70,216.19
2124	Bonds Payable-SR2012A	0.00	0.00	0.00	0.00	1,190,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,190,000.00
2129	Friends of the Park	2,966.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,966.01
2131	Donation	(603.28)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(603.28)
2132	My Park Day	1,209.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,209.30
2133	Animal Waste Station	97.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	97.77
2134	Bicycle Rack	760.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	760.00

City of Rollingwood, Texas
Balance Sheet
As of 10/31/2020

		General Fund	Water Fund	Street Maintenance Fund	POLICE FUND	Waste Water Fund	Court Security Fund	Court Technology Fund	Court Efficiency Fund	Debt Service Fund Series 2014	Debt Service Fund Series 2012	Drainage Fund	Debt Service Fund Series 2019	Total
2135	Bonds Payable-2019 Refunding	0.00	0.00	0.00	0.00	9,295,568.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9,295,568.23
2136	Bond Premium-2019 Refunding	0.00	0.00	0.00	0.00	588,635.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	588,635.30
2137	Park Pet Pavers	(287.34)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(287.34)
2138	Tax Notes Payable-SR 2020	2,065,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,065,000.00
2139	Deferred Revenue - LEOSE Funds	1,116.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,116.22
2140	Deferred Inflows of Resources	0.00	3,546.72	0.00	0.00	3,546.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7,093.44
2141	Res Storm Discha Permit-Zone 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	131,199.75	0.00	131,199.75
2142	Res Storm Discha Permit-Zone 8	0.00	299.28	0.00	0.00	299.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	598.56
2143	Res Storm Disch Permit-Zone 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,500.00	0.00	3,500.00
2144	Res Storm Discha Permit-Zone 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37,384.00	0.00	37,384.00

City of Rollingwood, Texas
Balance Sheet
As of 10/31/2020

		General Fund	Water Fund	Street Maintenance Fund	POLICE FUND	Waste Water Fund	Court Security Fund	Court Technology Fund	Court Efficiency Fund	Debt Service Fund Series 2014	Debt Service Fund Series 2012	Drainage Fund	Debt Service Fund Series 2019	Total
2145	OPEB Liabilty	0.00	5,196.96	0.00	0.00	5,196.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10,393.92
2250	Deferred Tax Rev-Delinquent Tx	22,116.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16,934.71	0.00	0.00	0.00	39,051.57
2400	Liab Pay from Rest Assets	0.00	158,880.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	158,880.79
2425	Bldg & Misc Deposits	3,500.00	1,750.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,250.00
	Total Current Liabilities	2,121,558.56	941,471.48	0.00	0.00	11,150,969.81	(9.00)	7.33	0.00	16,934.71	0.00	174,918.75	0.00	14,405,851.64
	LIABILITIES & RESERVES	2,121,558.56	941,471.48	0.00	0.00	11,150,969.81	(9.00)	7.33	0.00	16,934.71	0.00	174,918.75	0.00	14,405,851.64
	FUND EQUITY													
3000	Unapprop Fund Balance	2,533,221.32	873,071.56	247,118.03	16,657.51	(43,488.09)	3,685.92	0.00	0.00	(4,024.32)	(12,212.74)	(197,031.47)	(5,900.44)	3,411,097.28
3030	Amounts Tp Be Provided For	(1,289,474.90)	0.00	0.00	0.00	(105,000.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1,394,474.90)
3450	Reserve for Court Technology	0.00	0.00	0.00	(13,342.38)	0.00	(4,143.00)	8,376.15	0.00	0.00	0.00	0.00	0.00	(9,109.23)
3451	Reserve for Court Security	0.00	0.00	0.00	0.00	(223,174.14)	15,320.85	0.00	0.00	0.00	0.00	0.00	0.00	(207,853.29)
3452	Reserve for Court Efficiency	0.00	0.00	0.00	0.00	0.00	0.00	0.00	114.31	0.00	0.00	0.00	0.00	114.31

City of Rollingwood, Texas
Balance Sheet
As of 10/31/2020

		General Fund	Water Fund	Street Maintenance Fund	POLICE FUND	Waste Water Fund	Court Security Fund	Court Technology Fund	Court Efficiency Fund	Debt Service Fund Series 2014	Debt Service Fund Series 2012	Drainage Fund	Debt Service Fund Series 2019	Total
3600	Invest in FA Net Related Debt	0.00	1,370,975.17	0.00	0.00	136,933.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,507,908.17
	Other	(84,786.56)	106,295.52	695.83	0.00	32,231.00	63.38	51.74	0.00	253.25	387.53	0.00	462.52	55,634.21
	Total FUND EQUITY	1,158,959.86	2,350,342.25	247,813.86	3,315.13	(202,498.23)	14,927.15	8,427.89	114.31	(3,791.07)	(11,825.21)	(197,031.47)	(5,437.92)	3,363,316.55
	TOTAL LIABILITIES & FUND BALANCE	(3,280,518.42)	(3,291,813.73)	(247,813.86)	(3,315.13)	(10,948,471.58)	(14,918.15)	(8,435.22)	(114.31)	(13,143.64)	11,825.21	22,112.72	5,437.92	(17,769,168.19)

Friends of the Park - Donations
(PAVERS)

CITY OF ROLLINGWOOD
ENGRAVED PAVER

Last updated:
11/12/2020

ACCOUNT 100/2129

DONATIONS	$	3,250.00	
LESS EXPENDITURES:	$	(283.99)	BRICK & STONE
	$	2,966.01	

Friends of the Park - Donations
(My Park Day)

CITY OF ROLLINGWOOD
RECAP

Last updated:
11/12/2020

	ACCOUNT	100/2132
DONATIONS:	$	2,725.00
	$	500.00
	$	3,225.00

LESS EXPENDITURES:

			DATE
$	628.40	SECOND NATURE LANDSCAPES	10/24/2016
$	311.00	JOANNE PARKER REIMBURSEMENT: IT'S MY PARK DAY	9/28/2016
$	222.00	JOANNE PARKER REIMBURSEMENT: IT'S MY PARK DAY	10/17/2016
$	96.00	JOANNE PARKER REIMBURSEMENT: IT'S MY PARK DAY	10/24/2016
$	7.36	QUIK PRINT	10/31/2016
$	46.25	JOANNE PARKER REIMBURSEMENT: IT'S MY PARK DAY	11/7/2016
$	18.93	QUIK PRINT	11/15/2016
$	120.00	STOKES SIGN CO	3/9/2017
$	63.26	JOANNE PARKER REIMBURSEMENT: IT'S MY PARK DAY	12/18/2017
$	75.00	SECOND NATURE LANDSCAPE	1/2/2018
$	325.95	JOANNE PARKER REIMBURSEMENT	3/26/2018
$	101.55	ANNETTE HUDSON REIMBURSEMENT: MORNING IN THE PARK	5/7/2018

	$	2,015.70
BALANCE	$	1,209.30

Financial Summary 2020-2021

ROLLINGWOOD COMMUNITY DEVELOPMENT CORPORATION
OCTOBER 31, 2020

DEPARTMENT	YTD REVENUE	YTD EXPENDITURES	DIFFERENCE
ECONOMIC DEVELOPMENT	$ -	$ -	$ -
NON-PROJECT RELATED	$ 12,492.10	$ -	$ 12,492.10
	$ 12,492.10	$ -	$ 12,492.10

2020-2021

RCDC

MONTHLY FINANCIAL ANALYSIS

NOTE: YTD ACTUAL AS OF 10/31/2020; 8.33% OF FISCAL YEAR

REVENUE STATUS & COMPARISON TO PRIOR YEAR

	CURRENT YEAR: EST. REVENUE	YTD	PERCENT	PRIOR YEAR: YTD	CURRENT YR COMPARED TO PY YR
SALES TAX REVENUE	$ 100,000	$ 12,474	12%	$ 12,404	101%

BUDGET STATUS & COMPARISON TO PRIOR YEAR

	CURRENT YEAR: BUDGET	YTD	PERCENT	PRIOR YEAR: YTD	CURRENT YR COMPARED TO PY YR
ECONOMIC DEVELOPMENT:					
REVENUE	$ -	$ -	#DIV/0!	$ -	#DIV/0!
EXPENDITURES	$ 10,000	$ -	0%	$ -	#DIV/0!
NON-PROJECTED RELATED:					
REVENUE	$ 100,000	$ 12,492	12%	$ 12,625	99%
EXPENDITURES	$ 88,000	$ -	0%	$ -	#DIV/0!

RECAP:	CURRENT YEAR: BUDGET	YTD	PERCENT	PRIOR YEAR: YTD	CURRENT YR COMPARED TO PY YR
REVENUE	$ 100,000	$ 12,492	12%	$ 12,625	99%
EXPENDITURES	$ 98,000	$ -	0%	$ -	#DIV/0!

Rollingwood Community Development Corporation
Balance Sheet - Balance Sheet
As of 10/31/2020

		RCDC Fund	Total
Assets			
Operating Cash	1000	199,726.07	199,726.07
Texpool	1005	126,435.75	126,435.75
Due from City	1100	(348.66)	(348.66)
Sales Tax Receivable	1350	0.00	0.00
Total Assets		325,813.16	325,813.16
Liabilities			
Accounts Payable	2000	0.00	0.00
Accts Payable Yr End	2001	0.00	0.00
xxAccts Payable to City	2020	0.00	0.00
Payable to City	2030	0.00	0.00
Total Liabilities		0.00	0.00
Fund Balance			
Fund Balance	3000	313,321.06	313,321.06
xxFund Balance	3001	0.00	0.00
Other		12,492.10	12,492.10
Total Fund Balance		325,813.16	325,813.16
Liability & Fund Balance		325,813.16	325,813.16

Rollingwood Community Development Corporation
Statement of Revenues and Expenditures - Rev and Expend by Project - With Codes
500 - RCDC Fund
80 - Economic Development
From 10/1/2020 Through 10/31/2020

		Current Period Actual	Current Year Actual	Total Budget - Revised	Total Budget Variance - Revised	Percent Total Budget
Expenditures						
Rollingwood Bus. Promotion&...	5524	0.00	0.00	10,000.00	10,000.00	0.00%
Total Expenditures		0.00	0.00	10,000.00	10,000.00	0.00%
Excess Revenues Over(Under) Expenditures		0.00	0.00	(10,000.00)	10,000.00	0.00%

Rollingwood Community Development Corporation
Statement of Revenues and Expenditures - Rev and Expend by Project - With Codes
500 - RCDC Fund
90 - Non-Project Related
From 10/1/2020 Through 10/31/2020

		Current Period Actual	Current Year Actual	Total Budget - Revised	Total Budget Variance - Revised	Percent Total Budget
Revenues						
Sales Tax Revenue	4000	12,474.23	12,474.23	100,000.00	(87,525.77)	12.47%
Interest Revenue	4050	15.50	15.50	0.00	15.50	0.00%
Interest Revenue - Checking	4051	2.37	2.37	0.00	2.37	0.00%
Total Revenues		12,492.10	12,492.10	100,000.00	(87,507.90)	12.49%
Expenditures						
Admin Services Agreement	5575	0.00	0.00	88,000.00	88,000.00	0.00%
Total Expenditures		0.00	0.00	88,000.00	88,000.00	0.00%
Excess Revenues Over(Under) Expenditures		12,492.10	12,492.10	12,000.00	492.10	104.10%

City of Rollingwood, Texas

Statement of Revenues and Expenditures - with codes
100 - General Fund
55 - Park Department
From 10/1/2020 Through 10/31/2020

		Current Period Actual	Y-T-D Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
	REVENUES					
	Revenues					
4355	Donations - Park	10.00	10.00	100.00	(90.00)	10.00%
4519	Commercial Park Permits	255.00	255.00	200.00	55.00	127.50%
4523	Donations-Community Educ Garde	0.00	0.00	100.00	(100.00)	0.00%
	Total Revenues	265.00	265.00	400.00	(135.00)	66.25%
	Total REVENUES	265.00	265.00	400.00	(135.00)	66.25%
	EXPENDITURES					
	Personnel Expenses					
5000	Salary	3,375.19	3,375.19	37,556.00	34,180.81	8.98%
5020	Health Insurance	200.42	200.42	4,096.00	3,895.58	4.89%
5030	Workers Comp. Insurance	498.92	498.92	500.00	1.08	99.78%
5035	Social Security/Medicare Tax	258.20	258.20	2,873.00	2,614.80	8.98%
5040	Unemployment Comp. Insurance	3.20	3.20	57.00	53.80	5.61%
5050	Tx Mun Retire Systm Exp	1,148.35	1,148.35	4,338.00	3,189.65	26.47%
	Total Personnel Expenses	5,484.28	5,484.28	49,420.00	43,935.72	11.10%
	Supplies & Operations Expenses					
5103	Printing & Reproduction	0.00	0.00	500.00	500.00	0.00%
5130	Utilities	74.18	74.18	500.00	425.82	14.83%
5158	Office Supplies	0.00	0.00	100.00	100.00	0.00%
5164	Equipment Maint & Repairs	34.75	34.75	1,000.00	965.25	3.47%
5171	Equipment	0.00	0.00	3,500.00	3,500.00	0.00%
5190	Materials	0.00	0.00	3,000.00	3,000.00	0.00%
5191	Maintenance	0.00	0.00	2,500.00	2,500.00	0.00%
5195	Vehicle Operations	0.00	0.00	1,500.00	1,500.00	0.00%
5196	Vehicle Maintenance & Repairs	0.00	0.00	1,000.00	1,000.00	0.00%
5198	Fieldhouse Supplies & Maintena	0.00	0.00	8,500.00	8,500.00	0.00%
5255	Vehicle Insurance	0.00	0.00	1,500.00	1,500.00	0.00%
	Total Supplies & Operations Expenses	108.93	108.93	23,600.00	23,491.07	0.46%
	Miscellaneous/Other Expenses					
5300	Computer Software & Support	0.00	0.00	500.00	500.00	0.00%
	Total Miscellaneous/Other Expenses	0.00	0.00	500.00	500.00	0.00%

City of Rollingwood, Texas

Statement of Revenues and Expenditures - with codes
100 - General Fund
55 - Park Department
From 10/1/2020 Through 10/31/2020

		Current Period Actual	Y-T-D Actual	Total Budget - Revised	Budget Balance Remaining	Percent Total Budget
	Capital Outlays					
5455	Improvemts to Exist Park Asset	0.00	0.00	5,000.00	5,000.00	0.00%
5456	Plants for Walking Trail	0.00	0.00	2,000.00	2,000.00	0.00%
5512	Playground Mulching & Maintena	0.00	0.00	5,000.00	5,000.00	0.00%
	Total Capital Outlays	0.00	0.00	12,000.00	12,000.00	0.00%
	Non-Departmental Expenses					
5515	Maintenance Building	760.00	760.00	0.00	(760.00)	0.00%
	Total Non-Departmental Expenses	760.00	760.00	0.00	(760.00)	0.00%
	Total EXPENDITURES	6,353.21	6,353.21	85,520.00	79,166.79	7.43%
	Excess Revenues Over (Under) Expenses	(6,088.21)	(6,088.21)	(85,120.00)	79,031.79	7.15%

TRAVIS CENTRAL APPRAISAL DISTRICT

BOARD OFFICERS
JAMES VALADEZ
CHAIRPERSON
BRUCE GRUBE
VICE CHAIRPERSON
THERESA BASTIAN
SECRETARY/TREASURER

MARYA CRIGLER
CHIEF APPRAISER

BOARD MEMBERS
TOM BUCKLE
BRUCE ELFANT
ANTHONY NGUYEN
ELEANOR POWELL
RYAN STEGLICH
FELIPE ULLOA
BLANCA ZAMORA-GARCIA

10/09/20

CITY OF ROLLINGWOOD
THE HONORABLE MICHAEL R. DYSON, MAYOR
403 NIXON DRIVE
ROLLINGWOOD TX 78746

Jurisdiction: CITY OF ROLLINGWOOD - 1018

Re: Certification of 2020 and 2019 Appraisal Roll

I, Marya Crigler, Chief Appraiser of the Travis Central Appraisal District hereby certify your 2020 and 2019 Appraisal Rolls subject to appeals pending before the Appraisal Review Board. (See attachment)

Sincerely,

Marya Crigler
Chief Appraiser

Enclosure

TRAVIS County

2019 CERTIFIED TOTALS

As of Supplement 16

11 - CITY OF ROLLINGWOOD

Property Count: 986 Grand Totals 10/9/2020 8:06:24AM

Land	Value			
Homesite:	413,586,750			
Non Homesite:	96,093,635			
Ag Market:	0			
Timber Market:	0	**Total Land**	(+)	509,680,385

Improvement	Value			
Homesite:	299,037,887			
Non Homesite:	232,296,488	**Total Improvements**	(+)	531,334,375

Non Real	Count	Value			
Personal Property:	370	34,194,397			
Mineral Property:	0	0			
Autos:	0	0	**Total Non Real**	(+)	34,194,397
			Market Value	=	1,075,209,157

Ag	Non Exempt	Exempt			
Total Productivity Market:	0	0			
Ag Use:	0	0	**Productivity Loss**	(-)	0
Timber Use:	0	0	**Appraised Value**	=	1,075,209,157
Productivity Loss:	0	0			
			Homestead Cap	(-)	17,756,346
			Assessed Value	=	1,057,452,811
			Total Exemptions Amount (Breakdown on Next Page)	(-)	25,329,893
			Net Taxable	=	1,032,122,918

APPROXIMATE TOTAL LEVY = NET TAXABLE * (TAX RATE / 100)
2,155,072.65 = 1,032,122,918 * (0.208800 / 100)

Tax Increment Finance Value:	0
Tax Increment Finance Levy:	0.00

TRAVIS County

2019 CERTIFIED TOTALS

As of Supplement 16

11 - CITY OF ROLLINGWOOD

Property Count: 986

Grand Totals

10/9/2020 8:06:34AM

Exemption Breakdown

Exemption	Count	Local	State	Total
DV2	1	0	7,500	7,500
DV2S	1	0	7,500	7,500
DV3	1	0	10,000	10,000
DV4	3	0	36,000	36,000
DVHS	2	0	1,820,645	1,820,645
DVHSS	1	0	1,034,139	1,034,139
EX-XV	10	0	21,763,047	21,763,047
EX366	35	0	12,379	12,379
OV65	144	423,000	0	423,000
OV65S	13	36,000	0	36,000
SO	13	179,683	0	179,683
	Totals	**638,683**	**24,691,210**	**25,329,893**

TRAVIS County

2020 CERTIFIED TOTALS

As of Supplement 1

11 - CITY OF ROLLINGWOOD

Property Count: 991 Grand Totals 10/9/2020 8:00:10AM

Land	Value			
Homesite:	414,036,750			
Non Homesite:	112,641,446			
Ag Market:	0			
Timber Market:	0	**Total Land**	(+)	526,678,196

Improvement	Value			
Homesite:	304,204,719			
Non Homesite:	271,184,551	**Total Improvements**	(+)	575,389,270

Non Real	Count	Value			
Personal Property:	375	35,112,810			
Mineral Property:	0	0			
Autos:	0	0	**Total Non Real**	(+)	35,112,810
			Market Value	=	1,137,180,276

Ag	Non Exempt	Exempt			
Total Productivity Market:	0	0			
Ag Use:	0	0	**Productivity Loss**	(-)	0
Timber Use:	0	0	**Appraised Value**	=	1,137,180,276
Productivity Loss:	0	0			
			Homestead Cap	(-)	2,810,081
			Assessed Value	=	1,134,370,195
			Total Exemptions Amount (Breakdown on Next Page)	(-)	27,741,925
			Net Taxable	=	1,106,628,270

APPROXIMATE TOTAL LEVY = NET TAXABLE * (TAX RATE / 100)
2,621,602.37 = 1,106,628,270 * (0.236900 / 100)

Tax Increment Finance Value:	0
Tax Increment Finance Levy:	0.00

TRAVIS County

2020 CERTIFIED TOTALS

As of Supplement 1

11 - CITY OF ROLLINGWOOD

Property Count: 991 Grand Totals 10/9/2020 8:00:38AM

Exemption Breakdown

Exemption	Count	Local	State	Total
DV2	1	0	7,500	7,500
DV2S	1	0	7,500	7,500
DV3	1	0	10,000	10,000
DV4	2	0	24,000	24,000
DVHSS	2	0	2,284,894	2,284,894
EX-XV	10	0	24,812,247	24,812,247
EX366	32	0	11,324	11,324
OV65	141	416,333	0	416,333
OV65S	14	36,000	0	36,000
SO	13	132,127	0	132,127
	Totals	**584,460**	**27,157,465**	**27,741,925**

Texas Gas Service
A Division of ONE Gas

1301 South Mopac; Suite 400
Austin, TX 78746-6918
800-700-2443 • texasgasservice.com

October 27, 2020

The City Secretaries and/or City Managers of the following Texas cities:
Austin, Bee Cave, Cedar Park, Cuero, Dripping Springs, Gonzales, Kyle, Lakeway, Lockhart, Luling, Nixon, Rollingwood, Shiner, Sunset Valley, West Lake Hills, Yoakum, Galveston, Bayou Vista, Jamaica Beach, Groves, Nederland, Port Neches, Port Arthur, and Beaumont, Texas

Dear City Secretary and/or City Manager:

In accordance with Texas Gas Service Company's Weather Normalization Clause (WNA) tariff, this report is being provided for the month of September 2020.

The Central Gulf Service Area experienced colder than normal weather during September that resulted in the following WNA activity:

Customer Class	Amount Collected or Refunded	Average Weather Rate	Average Bill Impact	% Bill Impact
Residential	($16,833)	($0.0074)	($0.10)	-0.4%
Commercial	($342)	($0.0004)	($0.11)	-0.1%
Public Authority	($90)	($0.0013)	($0.50)	-0.2%

If you have any questions, please do not hesitate to contact me at (512) 370-8275.

Sincerely,

Emily Igunbor

Emily Igunbor
Rates Analyst
Rates and Regulatory Affairs

Texas Gas Service
A Division of ONE Gas

November 2, 2020

City of Rollingwood
403 Nixon Drive
Rollingwood, Texas 78746

Honorable Mayor and Members of the City Council:

Pursuant to the Cost of Gas Clause currently in effect for Central Texas service area, the following is the determination of the cost of gas to be used for billings in November 2020:

1.	Cost of Purchased Gas @ 14.73 PSIA	$3.9238		
2.	Cost of Purchased Gas @ 14.65 PSIA	$3.9025		
3.	Purchase/Sales Ratio	1.0103		
4.	Commodity Cost (Line 2 x Line 3)		$3.9427	
5.	Reconciliation Factor		($0.1350)	
6.	Other Cost		$0.0000	
7.	Subtotal (Line 4 + Line 5 + Line 6)			$3.8077
8.	Revenue-associated Fees and Taxes			$0.0000
9.	Cost of Gas (Line 7 + Line 8)			$3.8077 / Mcf
				$0.3808 / Ccf

Billings using the cost of gas as determined above will begin with meters read on and after October 28, 2020 and end with meters read on and after November 25, 2020.

Sincerely,

Lisa Wattinger

Lisa Wattinger, Manager
Gas Supply

AWR Services, Inc.

AWR Monthly Operating Report
City of Rollingwood
November 11, 2020

AWR Water & Wastewater Services Summary

Billing & Collection

Customers Billed –598 customers were billed during the month of October 2020. All amounts collected were deposited in the City's depository bank. Delinquent accounts and high user notices were processed based upon the City's approved policies, and once approved, were mailed to customers.

- *Uncollected Arrears Accounts* – Please note the utility billing uncollected arrears accounts as of October 2020 have reached the following, including uncollected final accounts (Please also see attached Arrears Listing Report):

    - 60-Days Delinquent $5,097.91
    - 90-Days Delinquent $1,238.07
    - **Excess of 120-Days Delinquent** $21,758.18 (includes payment plans)

Electronic Meter Test Program

AWR has installed nine 5/8" meters. The 10th meter was in a yard with 30 or so chickens. We have asked the City Manager for another location for the meter. We just received five 1" meters and will install this month.

Lift Station Monitoring

AWR assisted with pumping out the lift station, cleaning and removing the grease and debris.

AWR personnel made site visits and monitored the City of Rollingwood's lift stations five (5) days per week for the month of October 2020. In addition, AWR responds to emergency calls 24 hours per day/7 days per week.

Drought Contingency Plan

Current combined storage level in Lakes Travis and Buchanan is 1.533 million acre-feet, or 76% of total capacity. Lake Travis is currently at 69% of total capacity, or 784,153 acre-feet.

"Stage I Watering Restrictions", commonly referred to as once-per-week yard watering in accordance with the City of Austin's watering restrictions, are currently in effect in the City.

Water System

1. *Multiple Low-Pressure Calls* – AWR assisted the City with pressure testing fire hydrants of very low pressure on Timberline. The City Engineer directed AWR to check valves in the arch that might be closed. Two valves were found to be closed and were opened and improved pressure.

Wastewater System

1. *101 Vale* – AWR responded to a grinder pump alarm. Upon arrival pumped down tank and assisted with the removal of rags and debris. Put system back into operation.
2. *Sewer Leak* – AWR responded to a sewer leak behind the tennis courts. We received authorization from the City Manager to repair, which has been completed.

AWR Services, Inc. Coronavirus (COVID-19) Response Plan

As we are all aware, the global outbreak of Coronavirus (COVID-19) is necessitating all businesses and individuals make significant, and hopefully temporary, changes in our daily lives to slow the spread of this infectious virus. Most importantly we want to ensure our clients know AWR is committed to providing continuous professional essential operations and maintenance of your

facilities, and response to water and wastewater system and customer emergencies as needed. We are currently in Stage I of AWR's Coronavirus (COVID-19) Response Plan. A summary of Stage I Precautions is below:

1. AWR's offices are temporarily closed to non-essential personnel.
2. Disinfection procedures are in effect at opening and closing of business.

3. All persons are required to wash their hands with soap and water for at least 20 seconds as recommended by the Centers for Disease Control prior to engaging with persons in the office.

4. We ask customers to pay online, and should they decline to pay online (credit card or ACH), to please place their payment in the mail or simply call and we can process their payment over the phone.

AWR continues to maintain close communication with local, State, and Federal agencies to help ensure the highest possible preparedness and response to changes related to the spread of COVID-19 and will update clients should an advancement to Stage II or III be necessary.

Water Loss

October 2020 Estimated Water Loss – 14%

City of Rollingwood
Monthly Billing & Collections Report
October 2020

10/1/2020-10/31/2020

Penalty:	$	1.00	
Water Collections:	$	141,672.93	
Wastewater Collections:	$	47,399.59	
Water Demand Fee	$	17,356.05	
Residential Irrigation	$	149.00	
Park Donation	$	10.00	
Deposits Collected	$	1,500.00	
Misc./Returned Check Fee	$	-	
Undistributed Overpayments	$	2,445.78	
Total Collections:			$ 210,534.35

Current Month Billing Period: October 2020

Penalty	$	-	
Water:	$	122,955.75	
Wastewater:	$	46,672.52	
Water Demand Fee:	$	17,048.00	
Residential Irrigation:	$	128.00	
Park Donation	$	-	
Deposits/Misc	$	-	
Total Current Billing:			$ 186,804.27

Security Deposit:

Balance Forward:	$	151,620.00
Deposits Billed	$	2,000.00
Deposits Applied/Billed	$	(1,500.00)
Current Balance:	$	152,120.00

City of Rollingwood

Arrears Listing Totals

October 2020

*60 Days	$ 5,097.91	
*90 Days	$ 1,238.07	
*120 Days+	$ 21,758.18	Payment Plans/Pending Adjustments
	$ 28,094.16	
Overpayments/Credit Balances:	$ (9,797.34)	

*Note: Total arrears include balances from uncollected final accounts.

Current Month Billing Period: October 2020