# CITY OF ANGLETON
## ANGLETON BETTER LIVING CORPORATION AGENDA
## 120 S. CHENANGO STREET, ANGLETON, TEXAS 77515
## MONDAY, DECEMBER 15, 2025 AT 5:30 PM

**Chair |** John Wright
**Members |** Travis Townsend, William Jackson, Johnny Voss, Luis Leija, Gary Dickey

**NOTICE IS HEREBY GIVEN PURSUANT TO V.T.C.A., GOVERNMENT CODE, CHAPTER 551, THAT THE ANGLETON BETTER LIVING CORPORATION WILL CONDUCT A MEETING, OPEN TO THE PUBLIC, ON MONDAY, DECEMBER 15, 2025, AT 5:30 P.M., AT THE CITY OF ANGLETON COUNCIL CHAMBERS LOCATED AT 120 S. CHENANGO STREET ANGLETON, TEXAS 77515.**

**DECLARATION OF A QUORUM AND CALL TO ORDER**

**REGULAR AGENDA**

1. Discussion and possible action to approve the minutes of the Angleton Better Living Corporation meeting of September 2, 2025.
2. Discussion and update on the Angleton Better Living Corporation, Recreation Division, and Angleton Recreation Center Division YTD financial statements fund balances as of December 1, 2025.
3. Discussion and possible action on Capital Improvement Projects for FY2025-2026.
4. Discussion and update on 2024 ABLC Bond projects.

**COMMUNICATION FROM BOARD MEMBERS**

**ADJOURNMENT**

**CERTIFICATION**

I, Michelle Perez, City Secretary, do hereby certify that this Notice of a Meeting was posted on the City Hall bulletin board, a place convenient and readily accessible to the general public at all times and to the City's website, www.angleton.tx.us, in compliance with Chapter 551, Texas Government Code. The said Notice was posted on the following date and time: Tuesday, December 9, 2025, by 5:30 p.m. and remained so posted continuously for at least three business days preceding the scheduled time of said meeting.

/S/ Michelle Perez
Michelle Perez, TRMC, CMC
City Secretary

*Public participation is solicited without regard to race, color, religion, sex, age, national origin, disability, or family status. In compliance with the Americans with Disabilities Act, the City of Angleton will provide reasonable modifications and/or auxiliary aids for persons with disabilities needing special accommodation to participate in this proceeding, or those requiring language assistance (free of charge) attending any City-sponsored meetings. Please contact the City's ADA Coordinator, Colleen Martin, no later than seventy-two (72) hours prior to the meeting, at 979-849-4364, extension 2132, or email cmartin@angleton.tx.us to arrange auxiliary aides or accommodations necessary.*

# AGENDA ITEM SUMMARY FORM

**MEETING DATE:** 12/15/25

**PREPARED BY:** Desiree Henson, Assistant City Secretary

**AGENDA CONTENT:** Discussion and possible action to approve the minutes of the Angleton Better Living Corporation meeting of September 2, 2025.

**AGENDA ITEM SECTION:** Regular Agenda

**BUDGETED AMOUNT:** NA **FUNDS REQUESTED:** NA

**FUND:** NA

**EXECUTIVE SUMMARY:**

Approve the minutes of the Angleton Better Living Corporation meeting of September 2, 2025.

**RECOMMENDATION:**

Staff recommends ABLC approve the minutes of the Angleton Better Living Corporation meeting of September 2, 2025.

# CITY OF ANGLETON
## ANGLETON BETTER LIVING CORPORATION MINUTES
## 120 S. CHENANGO STREET, ANGLETON, TEXAS 77515
## TUESDAY, SEPTEMBER 2, 2025 AT 5:30 P.M.

**THE FOLLOWING REPRESENTS THE ACTIONS TAKEN BY THE ANGLETON BETTER LIVING CORPORATION IN THE ORDER THEY OCCURRED DURING THE MEETING. THE ANGLETON BETTER LIVING CORPORATION OF ANGLETON, TEXAS CONVENED IN A MEETING ON TUESDAY, SEPTEMBER 2, 2025, AT 5:30 P.M., AT THE CITY OF ANGLETON COUNCIL CHAMBERS LOCATED AT 120 S. CHENANGO STREET ANGLETON, TEXAS 77515.**

**DECLARATION OF A QUORUM AND CALL TO ORDER**

**With a quorum present, Director Townsend called the Angleton Better Living Corporation meeting to order at 5:30 P.M.**

**PRESENT**
**Director Travis Townsend**
**Director Luis Leija**
**Director Gary Dickey**
**Director Johnny Voss**
**Director William Jackson**

**ABSENT**
**Chair John Wright**
**Director Ritter**

**REGULAR AGENDA**

1. Discussion and possible action to approve the minutes of the Angleton Better Living Corporation meetings of April 21, 2025 and June 16, 2025.

   **Upon a motion by Director Voss and seconded by Director Dickey, Angleton Better Living Corporation approved the minutes of the Angleton Better Living Corporation meetings of April 21, 2025 and June 16, 2025. The motion passed on a 5-0 vote.**

2. Discussion and update on Angleton Better Living Corporation, Recreation division, and Angleton Recreation Center division YTD financial statements as of August 27, 2025.

   **Jason O'Mara Director of Parks and Recreation presented the item and stated the year-to-date financial statement amounts for the Angleton Better Living Corporation, Recreation division, and the Angleton Recreation Center. The Angleton Better Living Corporation (ABLC) fund has revenue in the amount of $657,770.53, revenue under expenditures in the amount of $392,483.78, total assets in the amount of $1,082,899.66, and total liability and fund equity in the amount of $1,082,899.66. The Recreation division fund has revenue in the amount of $200,937.25, revenue over**

**expenditures in the amount of $99,167.04, total assets in the amount of $58,555.46, and total liability and fund equity in the amount of $58,555.46. The Angleton Recreation Center fund has revenue in the amount of $428,994.37, revenue over expenditures in the amount of $59,845.71, total assets in the amount of $596,118.36, and total liability and fund equity in the amount of $596,118.36.**

**No action was taken.**

3. Discussion and update on Angleton Better Living Corporation, Recreation division, and Angleton Recreation Center division budget projections as of August 27, 2025.

**Jason O'Mara Director of Parks and Recreation presented the item and stated the current budget projections for the Angleton Better Living Corporation (ABLC), the Recreation division, and the Angleton Recreation Center division as of August 27, 2025. Mr. O'Mara stated that the projections are based off of the current financial standings, anticipated expenditures, revenue trends, and projected needs for the remainder of the fiscal year. Mr. O'Mara stated that ABLC should end the fiscal year with a revenue under expenditures fund balance around the amount of $248,422, the Recreation division should end the fiscal year with a revenue over expenditures fund balance around the amount of $52,952, and the Angleton Recreation Center division should end the fiscal year with a revenue over expenditures fund balance around the amount of $197,640.**

**No action was taken.**

4. Discussion and possible action on FY2025-2026 budgets for Parks and Rights of Way, Recreation, Angleton Recreation Center, and Angleton Better Living Corporation.

**Jason O'Mara Director of Parks and Recreation presented the item and stated the preliminary budget details for Parks and Rights of Way, Recreation, Angleton Recreation Center, and Angleton Better Living Corporation for fiscal year 2025-2026. Mr. O'Mara stated that there are no changes to the Parks and Rights of Way revenues and a decrease in overall personnel services due to the Assistant Director and two Parks Member positions being cut from the budget. The Recreation division revenues will show an increase in Angleton Better Living Corporation (ABLC) transfer for cost-of-living adjustments (COLA) for full-time staff and an increase to expenses in personnel services due to COLA. The ABLC fund will have no changes to revenue and the following changes to expenses: a decrease in transfer to general fund, an increase in transfers to the Recreation division and the Angleton Recreation Center division, and an increase in ABLC contingency due to the changes above.**

**Upon a motion by Director Voss and seconded by Director Jackson, Angleton Better Living Corporation approved the proposed Fiscal Year 2025-2026 budget related to**

**Parks and Rights of Way, Recreation, Angleton Recreation Center and Angleton Better Living Corporation division budgets.**

5. Discussion and possible action on Capital Improvement Projects for FY2025-2026.

**Jason O'Mara, Director of Parks and Recreation presented the item and stated that in response to previous Board feedback, staff have collected additional information to present to the Angleton Better Living Corporation (ABLC) for input on which projects the Board would like staff to continue to pursue and potentially fund. This effort supports progress on Capital Improvement Plan (CIP) projects for the Parks, Recreation, Angleton Recreation Center, and ABLC divisions, as well as the proposed parkland dedication spending plan for Fiscal Year (FY) 2024-2025 and future projects in alignment with the Parks and Recreation Master and Strategic Plan. Staff are seeking ABLC's input on three potential priority projects. One CIP is Bates Park - Addition of a Sixth Softball Field that was brought forward by ABLC's request during a previous meeting. This project would expand field capacity and support Angleton Girls Softball Association's (AGSA) goal of hosting national tournaments starting in summer of 2026. The scope includes site preparation, irrigation, infield clay and turf installation, fencing, dugouts, backstop, bleachers, and sod. Paragon Sports Constructors provided an estimate of $473,683. Texas Multi-Chem estimates field development ranging from $261,000 to $400,000, dugouts ranging from $50,000 to $150,000, fencing ranging from $30 to $85 per linear foot, and a backstop ranging from $125,000 to $175,000. In total, the field costs could range from $436,000 to $725,000. Another CIP is BG Peck Soccer Complex – Phase One Field Grading that was identified in the original CIP update. This project includes hauling fill, grading, sprinkler relocation, ditch regrading, culvert installation and hydro mulching. HDR Engineering's opinion of probable cost outlined is: Phase 1 - $404,506; Alternative 1 - $324, 527, Alternative 2 - $322,298; and Alternative 3 - $269,335. Another CIP is Freedom Park – Playground Replacement that was also included in the original CIP update. The Freedom Park playground that was installed in 2009 has hit the end of its useful life. Numerous maintenance and safety concerns have been identified. For comparison, the new playground at Abigail Arias Park has an opinion of probable cost range of $327,000 to $396,000, plus an estimated $88,000 for poured-in-place surfacing. The Freedom Park replacement could fall within a similar range, depending on design, surfacing selections and removal of current playground structure. Director Jackson stated that if we could use local vendors to bring the cost down that would be a win-win for the entire community. Todd Patteron, President of AGSA addressed Council in favor of the sixth field being built to meet the National tournament requirements. Dustin Mercado, President of the Angleton Soccer Club addressed Council in favor of grading and drainage improvements at BG Peck Soccer Complex. Angleton Better Living Corporation gave direction to staff to have bond council visit a future meeting to discuss the possibility of getting a certificate of obligation to help complete these projects.**

**No action was taken.**

6. Discussion and possible action on Angleton Recreation Center Pool Hours and ARC staffing.

**Jason O'Mara, Director of Parks and Recreation presented the item and stated that based on previous discussions regarding Angleton Recreation Center (ARC) staffing and hours of operation, Angleton Better Living Corporation (ABLC) requested that staff evaluate past attendance and staffing data. Staff analyzed facility usage using data from the Connect2 software counts module to capture attendance during both peak and non-peak seasons. The goal was to determine if revised operational hours would better align with community usage and improve operational efficiency. Analysis of the past two years of facility attendance shows that weekday pool usage between 5:30 a.m. and 7:00 a.m. averages only 2–4 patrons per day. Considering the current staffing standard of five lifeguards for full coverage during these hours, the cost of operation significantly outweighs the benefit to the limited number of users. Attendance trends are consistent across both peak and non-peak seasons, showing a clear pattern of low early morning usage. The following sections detail these usage patterns and present recommendations for adjusting operating hours in both non-peak and peak seasons to align services with actual demand. Non-Peak Season Attendance data from the past two non-peak seasons spans approximately 190 weekdays and includes counts for each area of the natatorium. The analysis shows that from 5:30 a.m. to 7:00 a.m., usage in all pool areas remains low, averaging only 2–4 patrons across the facility. Even when combining counts from multiple sections, attendance remains minimal during these hours. The averages show that usage begins to rise between 7:00 and 8:00 a.m., supporting consideration to adjust operating hours to better match demand while preserving access during higher-use times. Peak Season attendance trends closely mirror those seen in non-peak months. Data from the past two peak seasons shows low usage between 5:30 a.m. and 7:00 a.m., averaging just 2–4 patrons across the facility during these early hours. The averages reflect this pattern, with noticeable increases in attendance beginning between 7:00 and 8:00 a.m., Adjusting pool hours during peak season in line with these findings would better align operations with demand while continuing to offer service during the busiest parts of the day. Currently, weekday morning operations from 5:00 a.m. to 11:45 a.m. cost approximately $1,891.69 per week for lifeguard staffing, resulting in an annual cost of $98,367.75. Adjusting the opening time to 7:00 a.m. would reduce the lifeguard payroll by approximately $16,000 and could aid in addressing staffing challenges. Most of our lifeguards are high school students, early morning shifts are difficult to fill due to their school schedules. In addition, the limited number of qualified guards has further restrictions as part-time staff cannot exceed 1,000-hour annual maximum per Texas Municipal Retirement System (TMRS), making recruitment and scheduling more difficult. Current Non-peak Hours are 5:30 a.m.–11:30 a.m. and 4:30 p.m. – 7:30 p.m. Proposed Hours: 7:00 a.m.–11:30 a.m. (closing midday) and 4:30 p.m.–7:30 p.m. However, with this model, staff recommends adding a part-time front desk clerk shift to ensure safety, reduce risk, and limit liability. Without this adjustment, reducing the lifeguard shifts would result in a**

**single employee opening and managing the facility alone, which presents significant safety and liability concerns. The addition of a 3-hour front desk shift is estimated to cost approximately $7,600 annually. While this adjustment reduces the overall cost savings from modifying pool hours, the return on investment still outweighs the costs associated with operating the pool during periods of very minimal usage. Director Townsend and Director Voss gave direction to continue to stay closed on Friday mornings during non-peak season.**

**No action was taken.**

7. Discussion and update on 2024 ABLC Bond projects.

**Jason O'Mara, Director of Parks and Recreation presented the item and stated an update on the 2024 Angleton Better Living Corporation (ABLC) bond projects. The Abigail Arias Park project is budgeted at $2,750,000 which includes partial bond funds and partial Texas Parks and Wildlife Department (TPWD) Grant funds. Expenses thus far are $79,352. In February 2025, Burditt Land | Place presented two schematic designs for community input at a Town Hall meeting held from 5:00 P.M. to 6:00 P.M. The schematic designs will be presented to the Parks & Recreation Board and the City Council in March, and the Director presented a grant opportunity through Partners in Places to increase funding for Abigial Arias Park development. In March 2025, Burditt Land | Place presented schematic designs to the Parks and Recreation Board and City Council for input and the Director coordinated an Archeological Survey to fulfill TPWD Grant requirements. In April 2025, Burditt Land | Place submitted a Geotech survey to the City for services to be completed by a third-party vendor, the Director coordinated Geotech services with Terracon and Burditt Land | Place submitted an updated master plan and phase one plan based on the current allocated budget. The Director presented the final master plan and phase one plan to the Parks and Recreation Board for input, and the Archeological Survey was completed by Hoizoon Environmental Services that the Director added to the TWPD Grant portal. In May 2025, the Director presented the final master plan and phase one plan to City Council for input and approval and the TPWD Grant Agreement was received and presented to City Council for final approval. In June 2025, Burditt Land | Place submitted a 50% Design Development plan to the City for review including playground, splash pad and pavilion options and the Director requested input and feedback from the Parks and Recreation Board on the 50% Design Development Plans. Burditt Land | Place submitted preliminary three-dimensional park renderings. In July 2025, the Director presented the 50% Design Development Plans to City Council for input and Burditt Land | Place submitted a 90% Design Development plan to the City for review. In August 2025, Burditt Land | Place submitted a 100% Design Development plan and updated the three-dimensional park renderings to the City for review and staff met with Burditt Land | Place to provide comments and feedback on the 100% Design Development Plans next steps. The next steps are to develop the corporate sponsorship package and sponsorship video for public distribution, execute the TPWD agreement and requirements, construction**

**documents, bidding, and construction. The Freedom Park Active Area Improvements Project was budgeted at $900,000 and expenses thus far are $99,244. On 6/17/2024, ABLC approved the proposal from Burditt Land | Place for professional services to provide a preliminary design, final design, bidding, and construction administration for the Freedom Park Active Recreation Area redevelopment project. On 11/12/2024, the City Council executed the scope of work and American Institute of Architects (AIA) agreement with Burditt Land | Place. On 12/20/2024, a topo survey request and geotechnical work was initiated by the Director. On 2/6/2025, Baker & Lawson sent a completed topo survey for the development site. The next steps are for Burditt Land | Place to complete the design based on topo and geotechnical information, design development and construction documents, bidding, and construction. Additional funding may need to be pursued. The director has requested a fee in lieu of heritage tree mitigation for the northern tract of Freedom Park that could be used for park development. The BG Peck Soccer Complex LED Field Lighting Project was budgeted at $250,000 and is completed under budget with expenses totaling $176,000. The BG Peck Soccer Complex Grading Project was budgeted at $74,000 and expenses thus far total $34,695. In March 2025, City staff, HDR and Angleton Soccer Club (ASC) conducted a site visit to discuss grading projects. The Parks Superintendent conducted soil testing to assess sustainability of plant growth. HDR presented 90% plan set to City and ASC for review and input. In April 2025, Staff collected soil samples from the dirt pile at BG Peck and sent to Texas A&M AgriLife Extension office for testing. HDR provided updated phasing options to determine best option for bidding the grading project. The City met with ASC onsite to review current plans and discuss project phasing options. In May 2025, the soil report was received from Texas A&M and sent to HDR to determine how to proceed with the use of current soil pile at BG Beck. HDR, ASC, and City staff met to discuss phasing approach for field grading. In June 2025, HDR provide updated plan sets on phasing based on recent feedback from City and ASC. In July 2025, HDR submitted final plan sets to City for review and input. In August 2025, HDR provided updated opinion of probable cost (OPS) to City to bring to ABLC for review and consideration of funding before project bidding. The next steps are for Staff to bring plan sets and OPC to ABLC to determine potential funding available to support phase one of the project. The Angleton Recreation Center (ARC) Improvements Project was budgeted at $500,000 and there have been no expenses thus far. In January 2025, the TPWD Commission approved a grant for $881,415.00 to enhance service levels, safety, and accessibility. The grant elements include utility upgrades, pool renovations and interior improvements. The TPWD Grant Agreement was received and presented to City Council for final approval. In May 2025, the TPWD Grant Agreement was received and presented to City Council for final approval. Staff notified various vendors about the TPWD agreement and potential project timelines based on TPWD requirements. In June 2025, the Director worked on a Request for Proposals (RFP) for a feasibility study to support the ARC repairs and renovations. In July 2025, the Director met with the TPWD Grant coordinator to review grant requirements and the reporting process. The Director started collecting quotes for a Facility Condition Assessment to identify and scope of the various facility improvements. In August 2025, the Director started**

**contacting vendors to collect updated quotes and project schedules to start aligning facility renovations with the program schedules and facility operations. The next steps include executing the TPWD agreement and meeting the TPWD grant requirements, aligning the contractor schedules for work to be completed in the Natatorium, and hiring a general contractor to address various renovation items within the Angleton Recreation Center. The Texian Trail Drainage Project was budgeted at $350,000 with expenses thus far totaling $126,580. In April 2025, the contractors were approved by Council. In May 2025, the project specifications were signed by the contractor. The pre-construction meeting was held with City staff, the contractor, and utility companies. June 2025 was the official notice to proceed date and construction began. Project submittals were received, reviewed, and returned to the contractor. The contractor reported early project delays due to 811 utility locators being unaccessible because of locked gates and multiple thunderstorms during the initial weeks of construction. In July 2025, utility conflicts were identified at Station 3+03. A three-inch gas line was located directly above the existing 36-inch High-Density Polyethylene (HDPE) pipe. An 8-inch water line was found above the pipe instead of below. The City approved using a private contractor to complete water line adjustments. Limited progress was made due to utility conflicts and rain delays. In August 2025, additional conflicts were identified that included, two electrical wires running north to south near the outfall, a three-foot by five-foot concrete boulder was uncovered at the outfall location, and the manhole placement was a problem due to the proximity to Texas New Mexico Power (TNMP) utility lines. Progress meeting No. 1 was held to project progress, schedule, and answer resident questions. The contractor requested six additional working days due to unforeseen utility conflicts and weather delays. Residents were notified about the possibility of temporary power outages during utility coordination. The outfall structure has been removed and is ready to be poured during the following week after AT&T finishes their work on the site. Pipe from the Texian Trail South inlet has been removed and replaced. Work between both streets has begun, manholes have been installed, and pipe has been removed and replaced from Texian Trail South to the nearest manhole and from Texian Trail North to the nearest manhole. The contractor is waiting for a suitable weather window and TNMP coordination to safely continue work across utility lines, The next steps for the project include that it is scheduled to be completed by mid-September, but significant progress is needed to meet the project deadline.**

**No action was taken.**

**Upon an amended motion by Director Townsend and seconded by Director Jackson, Angleton Better Living Corporation approved the June 16, 2025 meeting minutes with the caveat to remove Director Blaine Smith's name and add Director Luis Leija's name.**

## ADJOURNMENT

**The meeting was adjourned at 8:13 P.M.**

**These minutes were approved by Angleton Better Living Corporation on this the 15th day of December 2025.**

CITY OF ANGLETON, TEXAS

_____
John Wright
Chair

ATTEST:

_____
Michelle Perez, TRMC, CMC
City Secretary

# AGENDA ITEM SUMMARY FORM

**MEETING DATE:** 12/15/2025

**PREPARED BY:** Jason O'Mara, Director of Parks & Recreation

**AGENDA CONTENT:** Discussion and update on the Angleton Better Living Corporation, Recreation Division, and Angleton Recreation Center Division YTD financial statement fund balances as of December 1, 2025.

**AGENDA ITEM SECTION:** Regular Agenda

**BUDGETED AMOUNT:** N/A **FUNDS REQUESTED:** N/A

**FUND:** N/A

**EXECUTIVE SUMMARY:**

The Angleton Better Living Corporation, Recreation division, and Angleton Recreation Center division YTD financial statements as of December 1 , 2025 will be presented.

**RECOMMENDATION:**

Staff recommend ABLC review and provide feedback on the Angleton Better Living Corporation, Recreation division, and Angleton Recreation Center division YTD financial statements.

REVENUE & EXPENSE REPORT (UNAUDITED)

AS OF: SEPTEMBER 30TH, 2025



40 -ANGLETON BETTER LIVING

% OF YEAR COMPLETED: 100.00

| REVENUES | CURRENT BUDGET | CURRENT PERIOD | YEAR TO DATE ACTUAL | TOTAL ENCUMBERED | BUDGET BALANCE | % YTD BUDGET |
|---|---|---|---|---|---|---|
| MISCELLANEOUS | | | | | | |
| 40-300-800 INTEREST INCOME | 2,220 | 1,793.94 | 8,081.53 | 0.00 | ( 5,861.53) | 364.03 |
| 40-300-801 SALES TAX PORTION | 2,300,109 | 556,460.00 | 2,195,710.53 | 0.00 | 104,398.47 | 95.46 |
| 40-300-860 TRANSFER FROM ANG ACT CENTER | 0 | 431,807.00 | 431,807.00 | 0.00 | ( 431,807.00) | 0.00 |
| 40-300-899 MISCELLANEOUS INCOME | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| TOTAL MISCELLANEOUS | 2,302,329 | 990,060.94 | 2,635,599.06 | 0.00 | ( 333,270.06) | 114.48 |
| TRANSFERS | | | | | | |
| 40-300-900 TRANSFER FROM FUND BALANCE | 134,724 | 0.00 | 0.00 | 0.00 | 134,724.00 | 0.00 |
| 40-300-921 2018 DEBT ISSUE | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| TOTAL TRANSFERS | 134,724 | 0.00 | 0.00 | 0.00 | 134,724.00 | 0.00 |
| TOTAL REVENUE | 2,437,053 | 990,060.94 | 2,635,599.06 | 0.00 | ( 198,546.06) | 108.15 |

REVENUE & EXPENSE REPORT (UNAUDITED)

AS OF: SEPTEMBER 30TH, 2025



40 -ANGLETON BETTER LIVING

DEPARTMENT - 06-MAINTENANCE DEPT. % OF YEAR COMPLETED: 100.00

| DEPARTMENTAL EXPENDITURES | | CURRENT BUDGET | CURRENT PERIOD | YEAR TO DATE ACTUAL | TOTAL ENCUMBERED | BUDGET BALANCE | % YTD BUDGET |
|---|---|---|---|---|---|---|---|
| SERVICES | | | | | | | |
| 40-506-415 | ABL-LEGAL & PROFESSIONAL | 2,100 | 0.00 | 1,521.00 | 0.00 | 579.00 | 72.43 |
| 40-506-425 | TRAVEL AND TRAINING | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 40-506-446 | Advertising | 1,500 | 0.00 | 0.00 | 0.00 | 1,500.00 | 0.00 |
| 40-506-498 | TRANSFER TO FUND BALANCE | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| TOTAL SERVICES | | 3,600 | 0.00 | 1,521.00 | 0.00 | 2,079.00 | 42.25 |
| MISCELLANEOUS | | | | | | | |
| 40-506-520 | ABL-CONTINGENCY | 49,677 | 0.00 | 49,677.00 | 0.00 | 0.00 | 100.00 |
| 40-506-599 | MISCELLANEOUS EXPENSE | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| TOTAL MISCELLANEOUS | | 49,677 | 0.00 | 49,677.00 | 0.00 | 0.00 | 100.00 |
| CAPITAL EXPENDITURES | | | | | | | |
| 40-506-605 | LAND ACQUISITION | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 40-506-615 | ABL-INFRASTRUCTURE | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 40-506-625 | PARK PROJECT DESIGN | 0 | 0.00 | 1,890.69 | 0.00 | ( 1,890.69) | 0.00 |
| 40-506-625.01 | OTHER PARK PROJECTS | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| TOTAL CAPITAL EXPENDITURES | | 0 | 0.00 | 1,890.69 | 0.00 | ( 1,890.69) | 0.00 |
| OTHER | | | | | | | |
| 40-506-700 | TRANSFER TO FUND BALANCE | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 40-506-701 | TRANSFER TO GENERAL FUND | 685,957 | 200,000.00 | 500,000.00 | 0.00 | 185,957.00 | 72.89 |
| 40-506-705 | TRANSFER TO DEBT SERVICE | 714,575 | 270,589.00 | 714,575.00 | 0.00 | 0.00 | 100.00 |
| 40-506-719 | TRANSF-LAKESIDE PARK CAPI | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 40-506-751 | TRANSFER TO REC CENTER IN | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 40-506-752 | TRANSFER TO REC-MO CAPITA | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 40-506-760 | TRANSFER TO ACT CTR OP FU | 592,463 | 367,463.00 | 592,463.00 | 0.00 | 0.00 | 100.00 |
| 40-506-761 | TRANSFER TO REC OP FUND | 440,458 | 210,458.00 | 440,458.00 | 0.00 | 0.00 | 100.00 |
| 40-506-762 | TRANSFER TO FREEDOM PARK | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 40-506-783 | TRANSFER TO TPWD GRANT | 0 | 150,000.00 | 150,000.00 | 0.00 | ( 150,000.00) | 0.00 |
| TOTAL OTHER | | 2,433,453 | 1,198,510.00 | 2,397,496.00 | 0.00 | 35,957.00 | 98.52 |
| TOTAL 06-MAINTENANCE DEPT. | | 2,486,730 | 1,198,510.00 | 2,450,584.69 | 0.00 | 36,145.31 | 98.55 |
| TOTAL EXPENDITURES | | 2,486,730 | 1,198,510.00 | 2,450,584.69 | 0.00 | 36,145.31 | 98.55 |
| REVENUE OVER/(UNDER) EXPENDITURES | | ( 49,677) | ( 208,449.06) | 185,014.37 | 0.00 | ( 234,691.37) | 372.43- |

REVENUE & EXPENSE REPORT (UNAUDITED)

AS OF: SEPTEMBER 30TH, 2025



50 -REC DIVISION PROGRAMS

% OF YEAR COMPLETED: 100.00

| REVENUES | CURRENT BUDGET | CURRENT PERIOD | YEAR TO DATE ACTUAL | TOTAL ENCUMBERED | BUDGET BALANCE | % YTD BUDGET |
|---|---|---|---|---|---|---|
| PARKS & RECREATION | | | | | | |
| 50-300-740 TRANSFER FROM ABLC FUND BALA | 440,458 | 210,458.00 | 440,458.00 | 0.00 | 0.00 | 100.00 |
| TOTAL PARKS & RECREATION | 440,458 | 210,458.00 | 440,458.00 | 0.00 | 0.00 | 100.00 |
| MISCELLANEOUS | | | | | | |
| 50-300-800 INTEREST REVENUE | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50-300-811 GENERAL PROGRAMS | 10,500 | 1,607.00 | 11,938.75 | 0.00 | ( 1,438.75) | 113.70 |
| 50-300-813 YOUTH CAMPS | 34,100 | 0.00 | 42,193.00 | 0.00 | ( 8,093.00) | 123.73 |
| 50-300-814 COMMUNITY SPECIAL EVENTS | 4,900 | 45.00 | 8,356.00 | 0.00 | ( 3,456.00) | 170.53 |
| 50-300-815 FATHER DAUGHTER DANCE/MOTHER | 4,000 | 0.00 | 635.00 | 0.00 | 3,365.00 | 15.88 |
| 50-300-816 HEALTH & WELLNESS | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50-300-817 SENIOR PROGRAMS | 13,241 | 2,293.00 | 8,654.00 | 0.00 | 4,587.00 | 65.36 |
| 50-300-818 MISCELLANEOUS PROGRAMS | 0 | 0.00 | 380.00 | 0.00 | ( 380.00) | 0.00 |
| 50-300-820 CASH OVER/SHORT | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50-300-890 BOND ISSUE 2003 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50-300-899 MISCELLANEOUS | 0 | 0.00 | 100.00 | 0.00 | ( 100.00) | 0.00 |
| TOTAL MISCELLANEOUS | 66,741 | 3,945.00 | 72,256.75 | 0.00 | ( 5,515.75) | 108.26 |
| TOTAL REVENUE | 507,199 | 214,403.00 | 512,714.75 | 0.00 | ( 5,515.75) | 101.09 |

REVENUE & EXPENSE REPORT (UNAUDITED)

AS OF: SEPTEMBER 30TH, 2025



50 -REC DIVISION PROGRAMS

DEPARTMENT - 06-MAINTENANCE DEPT. % OF YEAR COMPLETED: 100.00

| DEPARTMENTAL EXPENDITURES | | CURRENT BUDGET | CURRENT PERIOD | YEAR TO DATE ACTUAL | TOTAL ENCUMBERED | BUDGET BALANCE | % YTD BUDGET |
|---|---|---|---|---|---|---|---|
| PERSONNEL SERVICES | | | | | | | |
| 50-506-105 | SALARIES | 202,708 | 21,976.53 | 208,714.30 | 0.00 | ( 6,006.30) | 102.96 |
| 50-506-106 | PART TIME EARNINGS | 20,483 | 0.00 | 16,675.89 | 0.00 | 3,807.11 | 81.41 |
| 50-506-110 | OVERTIME | 4,500 | 0.00 | 1,708.33 | 0.00 | 2,791.67 | 37.96 |
| 50-506-115 | LONGEVITY | 1,080 | 0.00 | 0.00 | 0.00 | 1,080.00 | 0.00 |
| 50-506-126 | CERTIFICATION | 4,200 | 253.86 | 3,300.18 | 0.00 | 899.82 | 78.58 |
| 50-506-128 | SPECIAL JOB PAY | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50-506-135 | FICA | 17,074 | 1,203.94 | 17,477.94 | 0.00 | ( 403.94) | 102.37 |
| 50-506-140 | HEALTH INSURANCE | 64,054 | 2,931.38 | 35,686.37 | 0.00 | 28,367.63 | 55.71 |
| 50-506-141 | INS. SUBSIDY | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50-506-143 | PHONE ALLOWANCE | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50-506-145 | WORKERS COMP | 4,868 | 0.00 | 1,035.90 | 0.00 | 3,832.10 | 21.28 |
| 50-506-150 | UNEMPLOYMENT | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50-506-155 | RETIREMENT | 26,315 | 1,904.74 | 25,536.18 | 0.00 | 778.82 | 97.04 |
| 50-506-165 | MEDICAL EXPENSE | 600 | 0.00 | 800.00 | 0.00 | ( 200.00) | 133.33 |
| 50-506-185 | PAYROLL ACCRUAL | 0 | 1,230.68 | 83.03 | 0.00 | ( 83.03) | 0.00 |
| TOTAL PERSONNEL SERVICES | | 345,882 | 29,501.13 | 311,018.12 | 0.00 | 34,863.88 | 89.92 |
| SUPPLIES | | | | | | | |
| 50-506-203 | APPAREL | 922 | 0.00 | 151.30 | 0.00 | 770.70 | 16.41 |
| 50-506-205 | GENERAL SUPPLIES | 1,000 | 476.69 | 668.79 | 0.00 | 331.21 | 66.88 |
| 50-506-206 | CHEMICAL SUPPLIES | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50-506-210 | OFFICE SUPPLIES | 2,175 | 409.34 | 468.62 | 0.00 | 1,706.38 | 21.55 |
| 50-506-212 | CLEANING SUPPLIES | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50-506-215 | POOL SUPPLIES | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50-506-216 | VEHICLE SUPPLIES | 5,000 | 88.20 | 1,656.73 | 0.00 | 3,343.27 | 33.13 |
| 50-506-220 | EQUIPMENT SUPPLIES | 720 | 67.35 | 451.62 | 0.00 | 268.38 | 62.73 |
| TOTAL SUPPLIES | | 9,817 | 1,041.58 | 3,397.06 | 0.00 | 6,419.94 | 34.60 |
| REPAIR & MAINTENANCE | | | | | | | |
| 50-506-310 | EQUIPMENT | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50-506-315 | POOL MAINTENANCE | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50-506-316 | COMPUTER MAINTENANCE | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50-506-317 | VEHICLE REPAIRS | 3,000 | 176.53 | 713.39 | 0.00 | 2,286.61 | 23.78 |
| 50-506-320 | BUILDING | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| TOTAL REPAIR & MAINTENANCE | | 3,000 | 176.53 | 713.39 | 0.00 | 2,286.61 | 23.78 |
| SERVICES | | | | | | | |
| 50-506-405 | PHONES | 2,400 | 321.84 | 1,931.40 | 0.00 | 468.60 | 80.48 |
| 50-506-410 | UTILITIES | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50-506-412 | GENERAL PROGRAMS | 10,000 | 1,131.80 | 5,678.84 | 0.00 | 4,321.16 | 56.79 |
| 50-506-413 | YOUTH CAMPS | 18,700 | 3,647.73 | 12,213.80 | 0.00 | 6,486.20 | 65.31 |
| 50-506-414 | COMMUNITY EVENTS | 5,915 | 761.65 | 4,816.25 | 0.00 | 1,098.75 | 81.42 |
| 50-506-415 | FATHER DD/COMMUNITY DANCE | 3,000 | 0.00 | 1,992.77 | 0.00 | 1,007.23 | 66.43 |
| 50-506-416 | HEALTH & WELLNESS | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50-506-417 | SENIOR PROGRAMS | 24,464 | 1,047.64 | 15,468.40 | 0.00 | 8,995.60 | 63.23 |
| 50-506-418 | MISC/GENERAL PROGRAMS | 1,000 | 26.88 | 263.57 | 0.00 | 736.43 | 26.36 |
| 50-506-420 | DUES/SUBSCRIPTIONS | 2,313 | 45.90 | 2,294.48 | 0.00 | 18.52 | 99.20 |

REVENUE & EXPENSE REPORT (UNAUDITED)

AS OF: SEPTEMBER 30TH, 2025



50 -REC DIVISION PROGRAMS

DEPARTMENT - 06-MAINTENANCE DEPT. % OF YEAR COMPLETED: 100.00

| DEPARTMENTAL EXPENDITURES | | CURRENT BUDGET | CURRENT PERIOD | YEAR TO DATE ACTUAL | TOTAL ENCUMBERED | BUDGET BALANCE | % YTD BUDGET |
|---|---|---|---|---|---|---|---|
| 50-506-425 | TRAVEL/TRAINING | 11,948 | 625.00 | 6,732.44 | 0.00 | 5,215.56 | 56.35 |
| 50-506-446 | ADVERTISING | 14,074 | 5,041.68 | 15,629.27 | 0.00 | ( 1,555.27) | 111.05 |
| 50-506-457 | CONTRACT LABOR-INSTRUCTOR | 1,620 | 0.00 | 0.00 | 0.00 | 1,620.00 | 0.00 |
| 50-506-458 | CONTRACT LABOR | 4,428 | 0.00 | 709.50 | 0.00 | 3,718.50 | 16.02 |
| 50-506-476 | CREDIT CARD FEES | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50-506-477 | SCHOLARSHIP FUND | 3,000 | 0.00 | 225.00 | 0.00 | 2,775.00 | 7.50 |
| 50-506-485 | CONTRACT LEAGUE FEES/CHAR | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| TOTAL SERVICES | | 102,862 | 12,650.12 | 67,955.72 | 0.00 | 34,906.28 | 66.06 |
| MISCELLANEOUS | | | | | | | |
| 50-506-503 | SURETY & NOTARY INSURANCE | 100 | 0.00 | 0.00 | 0.00 | 100.00 | 0.00 |
| 50-506-505 | INSURANCE-GENERAL | 0 | 0.00 | 1,309.56 | 0.00 | ( 1,309.56) | 0.00 |
| 50-506-506 | VEHICLE INSURANCE | 3,575 | 0.00 | 6,185.00 | 0.00 | ( 2,610.00) | 173.01 |
| 50-506-507 | REC-PROPERTY & ME | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50-506-510 | EMPLOYEE APPRECIATION | 675 | 300.23 | 355.55 | 0.00 | 319.45 | 52.67 |
| 50-506-511 | TUITION REIMBURSEMENT | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50-506-514 | Rec - Enterprise Veh Leas | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50-506-520 | CONTINGENCY | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50-506-525 | REC CENTER REFUNDS | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50-506-535 | REC CENTER - LEASE PAYMEN | 41,288 | 1,162.25 | 47,617.60 | 0.00 | ( 6,329.60) | 115.33 |
| TOTAL MISCELLANEOUS | | 45,638 | 1,462.48 | 55,467.71 | 0.00 | ( 9,829.71) | 121.54 |
| CAPITAL EXPENDITURES | | | | | | | |
| 50-506-600 | ACTIVITY CENTER CONSTRUCT | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50-506-601 | ACTIVITY CENTER FURNITURE | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50-506-602 | CAPITAL OUTLAY CONTINGENC | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50-506-627 | CAPITAL PROJECT | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| TOTAL CAPITAL EXPENDITURES | | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| OTHER | | | | | | | |
| 50-506-700 | TRANSFER TO FUND BALANCE | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50-506-740 | TRANSFER TO ABLC FUND | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50-506-751 | TRANSFER TO BATES PARK PR | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| TOTAL OTHER | | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| TOTAL 06-MAINTENANCE DEPT. | | 507,199 | 44,831.84 | 438,552.00 | 0.00 | 68,647.00 | 86.47 |
| TOTAL EXPENDITURES | | 507,199 | 44,831.84 | 438,552.00 | 0.00 | 68,647.00 | 86.47 |
| REVENUE OVER/(UNDER) EXPENDITURES | | 0 | 169,571.16 | 74,162.75 | 0.00 | ( 74,162.75) | 0.00 |

REVENUE & EXPENSE REPORT (UNAUDITED)

AS OF: SEPTEMBER 30TH, 2025



60 -ANGLETON ACTIVITY CENTER

% OF YEAR COMPLETED: 100.00

| REVENUES | CURRENT BUDGET | CURRENT PERIOD | YEAR TO DATE ACTUAL | TOTAL ENCUMBERED | BUDGET BALANCE | % YTD BUDGET |
|---|---|---|---|---|---|---|
| PARKS & RECREATION | | | | | | |
| 60-300-711 FAMILY MEMBERSHIP | 204,630 | 21,195.00 | 255,270.00 | 0.00 | ( 50,640.00) | 124.75 |
| 60-300-712 INDIVIDUAL MEMBERSHIP | 85,044 | 10,375.00 | 101,876.33 | 0.00 | ( 16,832.33) | 119.79 |
| 60-300-713 SENIOR MEMBERSHIPS | 17,526 | 1,215.00 | 18,972.00 | 0.00 | ( 1,446.00) | 108.25 |
| 60-300-715 ROOM RENTAL FEES | 47,500 | 3,645.00 | 34,348.50 | 0.00 | 13,151.50 | 72.31 |
| 60-300-716 DAILY ENTRY FEE | 179,692 | 7,395.00 | 173,415.27 | 0.00 | 6,276.73 | 96.51 |
| 60-300-717 OTHER | 1,000 | 123.00 | 2,194.00 | 0.00 | ( 1,194.00) | 219.40 |
| 60-300-718 MEMBERSHIP YOUTH | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-300-719 MILITARY MEMBERSHIPS | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-300-740 TRANSFER FROM ABLC | 592,463 | 367,463.00 | 592,463.00 | 0.00 | 0.00 | 100.00 |
| 60-300-741 TRANSFER FROM ABL-MO CAPITAL | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-300-750 LOAN PROCEEDS | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-300-751 TRANSFER FROM ABLC-INFRACT | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| TOTAL PARKS & RECREATION | 1,127,855 | 411,411.00 | 1,178,539.10 | 0.00 | ( 50,684.10) | 104.49 |
| MISCELLANEOUS | | | | | | |
| 60-300-800 INTEREST | 800 | 959.70 | 5,078.76 | 0.00 | ( 4,278.76) | 634.85 |
| 60-300-801 TRANSFER FROM SWIMMING POOL | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-300-802 FEMA REIMBURSEMENTS-HARVEY | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-300-805 DONATIONS | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-300-811 GENERAL PROGRAMS | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-300-813 YOUTH CAMPS | 0 | 0.00 | 540.00 | 0.00 | ( 540.00) | 0.00 |
| 60-300-814 COMMUNITY SPECIAL/EVENTS | 0 | 0.00 | ( 485.00) | 0.00 | 485.00 | 0.00 |
| 60-300-815 FATHER DAUGHTER DANCE | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-300-816 HEALTH AND WELLNESS | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-300-817 SENIOR PROGRAMS | 0 | 0.00 | 1,746.00 | 0.00 | ( 1,746.00) | 0.00 |
| 60-300-818 MISCELLANEOUS PROGRAMS | 21,500 | 235.00 | 7,820.00 | 0.00 | 13,680.00 | 36.37 |
| 60-300-820 CASH OVER/SHORT | 100 | ( 13.00) | 481.60 | 0.00 | ( 381.60) | 481.60 |
| 60-300-899 MISCELLANEOUS | 0 | 3.00 | 2,755.00 | 0.00 | ( 2,755.00) | 0.00 |
| TOTAL MISCELLANEOUS | 22,400 | 1,184.70 | 17,936.36 | 0.00 | 4,463.64 | 80.07 |
| TRANSFERS | | | | | | |
| 60-300-900 TRANSFER FROM FUND BALANCE | 100,000 | 0.00 | 0.00 | 0.00 | 100,000.00 | 0.00 |
| 60-300-903 TRANSFER FROM WATER | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| TOTAL TRANSFERS | 100,000 | 0.00 | 0.00 | 0.00 | 100,000.00 | 0.00 |
| TOTAL REVENUE | 1,250,255 | 412,595.70 | 1,196,475.46 | 0.00 | 53,779.54 | 95.70 |

REVENUE & EXPENSE REPORT (UNAUDITED)

AS OF: SEPTEMBER 30TH, 2025



60 -ANGLETON ACTIVITY CENTER

DEPARTMENT - 06-MAINTENANCE DEPT. % OF YEAR COMPLETED: 100.00

| DEPARTMENTAL EXPENDITURES | | CURRENT BUDGET | CURRENT PERIOD | YEAR TO DATE ACTUAL | TOTAL ENCUMBERED | BUDGET BALANCE | % YTD BUDGET |
|---|---|---|---|---|---|---|---|
| PERSONNEL SERVICES | | | | | | | |
| 60-506-105 | REC CENTER - SALARIES | 193,496 | 25,152.54 | 188,000.27 | 0.00 | 5,495.73 | 97.16 |
| 60-506-106 | REC CENTER - PT SALARIES | 280,421 | 20,683.02 | 212,700.04 | 0.00 | 67,720.96 | 75.85 |
| 60-506-108 | REC CENTER - STEP RAISE | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-506-109 | REC CENTER - STIPEND | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-506-110 | REC CENTER - OVERTIME | 5,000 | 0.00 | 1,279.98 | 0.00 | 3,720.02 | 25.60 |
| 60-506-115 | REC CENTER - LONGEVITY | 600 | 0.00 | 0.00 | 0.00 | 600.00 | 0.00 |
| 60-506-120 | REC CENTER - HURRICANE OT | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-506-121 | REC CENTER - HURRICANE | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-506-126 | REC CENTER - CERTIFICATIO | 1,800 | 103.86 | 934.74 | 0.00 | 865.26 | 51.93 |
| 60-506-128 | SPECIAL JOB PAY | 600 | 0.00 | 0.00 | 0.00 | 600.00 | 0.00 |
| 60-506-135 | REC CENTER - FICA | 26,991 | 2,439.54 | 30,301.32 | 0.00 | ( 3,310.32) | 112.26 |
| 60-506-140 | REC CENTER - HEALTH INS | 64,054 | 1,862.70 | 22,288.67 | 0.00 | 41,765.33 | 34.80 |
| 60-506-141 | REC CENTER - INS SUBSIDY | 10,626 | 0.00 | 0.00 | 0.00 | 10,626.00 | 0.00 |
| 60-506-142 | REC CENTER - INS COMMISSI | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-506-143 | REC CENTER- PHONE ALLOWAN | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-506-145 | REC CENTER - WORKER'S COM | 4,868 | 0.00 | 11,135.92 | 0.00 | ( 6,267.92) | 228.76 |
| 60-506-150 | REC CENTER - UNEMPLOYMENT | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-506-155 | REC CENTER - RETIREMENT | 23,220 | 1,344.32 | 22,141.88 | 0.00 | 1,078.12 | 95.36 |
| 60-506-165 | REC CENTER - MEDICAL EXPE | 1,750 | 80.00 | 3,698.49 | 0.00 | ( 1,948.49) | 211.34 |
| 60-506-185 | REC CENTER - PAYROLL ACCR | 0 | 1,748.78 | 373.67 | 0.00 | ( 373.67) | 0.00 |
| TOTAL PERSONNEL SERVICES | | 613,426 | 53,414.76 | 492,854.98 | 0.00 | 120,571.02 | 80.34 |
| SUPPLIES | | | | | | | |
| 60-506-203 | REC CENT - APPAREL | 3,250 | 691.15 | 2,827.27 | 0.00 | 422.73 | 86.99 |
| 60-506-205 | GENERAL SUPPLIES | 4,050 | 333.48 | 3,295.67 | 0.00 | 754.33 | 81.37 |
| 60-506-206 | CHEMICAL SUPPLIES | 27,800 | 5,072.15 | 20,752.56 | 0.00 | 7,047.44 | 74.65 |
| 60-506-210 | OFFICE SUPPLIES | 2,500 | 554.90 | 1,207.14 | 0.00 | 1,292.86 | 48.29 |
| 60-506-212 | CLEANING SUPPLIES | 14,000 | 1,783.51 | 7,468.23 | 0.00 | 6,531.77 | 53.34 |
| 60-506-215 | POOL SUPPLIES | 5,120 | 710.29 | 2,380.37 | 0.00 | 2,739.63 | 46.49 |
| 60-506-216 | VEHICLE SUPPLY(GAS) | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-506-220 | EQUIPMENT SUPPLIES | 5,175 | 551.55 | 4,576.38 | 0.00 | 598.62 | 88.43 |
| 60-506-221 | AAC - SMALL EQUIPMENT | 3,575 | 0.00 | 7.02 | 0.00 | 3,567.98 | 0.20 |
| TOTAL SUPPLIES | | 65,470 | 9,697.03 | 42,514.64 | 0.00 | 22,955.36 | 64.94 |
| REPAIR & MAINTENANCE | | | | | | | |
| 60-506-309 | R&M EQUIPMENT | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-506-310 | EQUIPMENT | 35,000 | 0.00 | 0.00 | 0.00 | 35,000.00 | 0.00 |
| 60-506-315 | POOL MAINTENANCE | 24,500 | 15,965.88 | 25,947.37 | 0.00 | ( 1,447.37) | 105.91 |
| 60-506-316 | COMPUTER MAINTENANCE | 4,000 | 90.66 | 1,235.84 | 0.00 | 2,764.16 | 30.90 |
| 60-506-317 | VEHICLE REPAIRS | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-506-320 | BUILDING | 56,800 | 113,097.17 | 181,330.94 | 0.00 | ( 124,530.94) | 319.24 |
| TOTAL REPAIR & MAINTENANCE | | 120,300 | 129,153.71 | 208,514.15 | 0.00 | ( 88,214.15) | 173.33 |

REVENUE & EXPENSE REPORT (UNAUDITED)

AS OF: SEPTEMBER 30TH, 2025



60 -ANGLETON ACTIVITY CENTER

DEPARTMENT - 06-MAINTENANCE DEPT. % OF YEAR COMPLETED: 100.00

| DEPARTMENTAL EXPENDITURES | | CURRENT BUDGET | CURRENT PERIOD | YEAR TO DATE ACTUAL | TOTAL ENCUMBERED | BUDGET BALANCE | % YTD BUDGET |
|---|---|---|---|---|---|---|---|
| SERVICES | | | | | | | |
| 60-506-405 | TELEPHONE | 2,400 | 201.05 | 1,407.35 | 0.00 | 992.65 | 58.64 |
| 60-506-410 | UTILITIES | 102,943 | 24,046.09 | 92,770.09 | 0.00 | 10,172.91 | 90.12 |
| 60-506-412 | GENERAL PROGRAMS | 1,000 | 0.00 | 0.00 | 0.00 | 1,000.00 | 0.00 |
| 60-506-413 | YOUTH CAMPS | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-506-414 | COMMUNITY EVENTS | 1,750 | 0.00 | 494.52 | 0.00 | 1,255.48 | 28.26 |
| 60-506-415 | LEGAL/PROFESSIONAL FEES | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-506-416 | HEALTH AND WELLNESS | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-506-417 | SENIOR PROGRAMS | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-506-418 | MISCELLANEOUS/GEN PROGRAM | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-506-420 | DUES & SUBSCRIPTIONS | 4,520 | 0.00 | 2,004.69 | 0.00 | 2,515.31 | 44.35 |
| 60-506-425 | TRAVEL & TRAINING | 9,201 | 0.00 | 3,650.61 | 0.00 | 5,550.39 | 39.68 |
| 60-506-446 | ADVERTISING | 750 | 25.00 | 1,271.54 | 0.00 | ( 521.54) | 169.54 |
| 60-506-455 | AAC - CONTRACT LABOR | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-506-456 | CONTRACT LABOR-CLEANING | 36,400 | 5,869.50 | 35,482.75 | 0.00 | 917.25 | 97.48 |
| 60-506-457 | CONTRACT LABOR-INSTRUCTOR | 34,320 | 2,340.00 | 28,290.00 | 0.00 | 6,030.00 | 82.43 |
| 60-506-458 | CONTRACT LABOR-MISC | 1,300 | 0.00 | 0.00 | 0.00 | 1,300.00 | 0.00 |
| 60-506-460 | REC-BUS SERVICES | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-506-461 | REC CENTER-ANNUAL SOFTWAR | 10,212 | 0.00 | 10,080.00 | 0.00 | 132.00 | 98.71 |
| 60-506-476 | BANK CREDIT CARD CHARGES | 15,000 | 1,573.78 | 20,002.05 | 0.00 | ( 5,002.05) | 133.35 |
| 60-506-477 | SCHOLARSHIP FUND | 1,000 | 0.00 | 200.00 | 0.00 | 800.00 | 20.00 |
| 60-506-485 | CONTRACT LEAGUES- ESCROW | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| TOTAL SERVICES | | 220,796 | 34,055.42 | 195,653.60 | 0.00 | 25,142.40 | 88.61 |
| MISCELLANEOUS | | | | | | | |
| 60-506-503 | SURETY & NOTARY INS | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-506-505 | INSURANCE-GENERAL | 5,264 | 0.00 | 4,252.57 | 0.00 | 1,011.43 | 80.79 |
| 60-506-506 | VEHICLE INSURANCE | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-506-507 | PROPERTY & ME | 118,349 | 0.00 | 59,128.00 | 0.00 | 59,221.00 | 49.96 |
| 60-506-508 | INSURANCE COMMISSION | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-506-510 | EMPLOYEE APPRECIATION | 1,150 | 234.40 | 948.96 | 0.00 | 201.04 | 82.52 |
| 60-506-511 | TUITION REIMBURSEMENT | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-506-514 | Rec Center - Enterprise V | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-506-520 | CONTINGENCY | 100,000 | 0.00 | 0.00 | 0.00 | 100,000.00 | 0.00 |
| 60-506-525 | REC CENTER REFUNDS | 1,000 | 896.92 | 2,201.92 | 0.00 | ( 1,201.92) | 220.19 |
| 60-506-535 | REC CENTER -LEASE PAYMENT | 4,500 | 700.70 | 4,204.20 | 0.00 | 295.80 | 93.43 |
| 60-506-535.01 | Rec Center - Lease Princi | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-506-535.02 | Rec Center - Lease Intere | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-506-599 | REC-MISCELLANEOUS | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| TOTAL MISCELLANEOUS | | 230,263 | 1,832.02 | 70,735.65 | 0.00 | 159,527.35 | 30.72 |

REVENUE & EXPENSE REPORT (UNAUDITED)

AS OF: SEPTEMBER 30TH, 2025



60 -ANGLETON ACTIVITY CENTER

DEPARTMENT - 06-MAINTENANCE DEPT. % OF YEAR COMPLETED: 100.00

| DEPARTMENTAL EXPENDITURES | | CURRENT BUDGET | CURRENT PERIOD | YEAR TO DATE ACTUAL | TOTAL ENCUMBERED | BUDGET BALANCE | % YTD BUDGET |
|---|---|---|---|---|---|---|---|
| CAPITAL EXPENDITURES | | | | | | | |
| 60-506-626 | CE-Equipment | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-506-627 | CAPITAL PROJECT | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-506-628 | M&O CAPITAL | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-506-629 | ENERGY SAVINGS ELECTRICAL | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-506-630 | CAPITAL PROJECT ENGINEERI | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| TOTAL CAPITAL EXPENDITURES | | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| OTHER | | | | | | | |
| 60-506-700 | TRANSFER TO FUND BALANCE | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-506-701 | TRANS TO GF FOR CARDIO E | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-506-702 | TRANSFER TO CAPT LEASE PA | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-506-714 | TANSFER TO SF CAP REP FUN | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-506-719 | TRANS TO CAP REV LOAN | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-506-740 | TRANSFER TO ABLC | 0 | 431,807.00 | 431,807.00 | 0.00 | ( 431,807.00) | 0.00 |
| 60-506-741 | TRANS TO UNEMPLOYMENT FUN | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60-506-783 | TRANSFER TO TPWD-REC | 0 | 274,000.00 | 274,000.00 | 0.00 | ( 274,000.00) | 0.00 |
| TOTAL OTHER | | 0 | 705,807.00 | 705,807.00 | 0.00 | ( 705,807.00) | 0.00 |
| TOTAL 06-MAINTENANCE DEPT. | | 1,250,255 | 933,959.94 | 1,716,080.02 | 0.00 | ( 465,825.02) | 137.26 |
| TOTAL EXPENDITURES | | 1,250,255 | 933,959.94 | 1,716,080.02 | 0.00 | ( 465,825.02) | 137.26 |
| REVENUE OVER/(UNDER) EXPENDITURES | | 0 | ( 521,364.24) | ( 519,604.56) | 0.00 | 519,604.56 | 0.00 |

# AGENDA ITEM SUMMARY FORM

**MEETING DATE:** 12/15/2025

**PREPARED BY:** Jason O'Mara, Director of Parks & Recreation

**AGENDA CONTENT:** Discussion and possible action on Capital Improvement Projects for FY2025-2026.

**AGENDA ITEM SECTION:** Regular Agenda

**BUDGETED AMOUNT:** $0 **FUNDS REQUESTED:** TBD

**FUND:** TBD

**EXECUTIVE SUMMARY:**

Staff are providing an update on funding actions and next steps for several Parks & Recreation capital projects for Angleton Better Living Corporation consideration and direction.

For Bates Park – Addition of a Sixth Softball Field, City Council has identified up to $350,000 in City funding to support construction of the project. Current known project costs include Paragon Sports Constructors' proposal for field construction, which includes site preparation, sandy loam installation, infield clay, irrigation, laser grading, and sod installation, totaling $291,299.58. In addition, staff have received a preliminary concrete estimate of approximately $18,000 for flatwork associated with the field. Fencing costs are still being evaluated and will be finalized soon.

Based on the current information, the project is trending within the City's identified funding capacity, with the potential need for additional ABLC participation once final fencing costs are known. Staff are requesting ABLC direction on whether to proceed with securing formal proposals for remaining project components and whether ABLC wants to consider contributing funding to the project. The goal is to finalize scope and pricing and be prepared for vendor approval at the January 13 City Council meeting.

For Freedom Park – Playground Replacement, City Council has approved the use of Government Capital financing for the playground equipment and installation. Installation is anticipated to occur in Spring 2026.

For the BG Peck Soccer Complex, staff will continue to explore additional funding sources, including grants and potential inclusion in future bond programs. No immediate funding action is recommended at this time; however, staff will maintain design readiness and continue to monitor opportunities to advance the project.

Finally, staff and the Parks & Recreation Board will be conducting a new parks assessment in January to help grade existing park conditions, identify priority maintenance and capital needs, and inform future parks project planning and funding discussions. This initiative will help create a baseline for our parks and better outline project priorities when updating our CIP documents.

RECOMMENDATION:

Staff recommend that ABLC provide direction on proceeding with formal vendor proposals for the Bates Park sixth softball field and consider the use of additional ABLC funds to support the project.

THE HEART OF BRAZORIA COUNTY ANGLETON

# AGENDA ITEM SUMMARY FORM

**MEETING DATE:** 12/15/2025

**PREPARED BY:** Jason O'Mara, Director of Parks & Recreation

**AGENDA CONTENT:** Discussion and update on 2024 ABLC bond projects.

**AGENDA ITEM SECTION:** Regular Agenda

**BUDGETED AMOUNT:** $4M **FUNDS REQUESTED:** $0

**FUND:** 40-506-625.10 Abigail Arias Park
40-506-625.20 Freedom Park Active Area (Ballfield)
40-506-625.30 BG Peck Soccer Complex
40-506-625.40 Angleton Recreation Center Improvements
40-506-625.50 Texian Trial Drainage

**EXECUTIVE SUMMARY:**

**Abigail Arias Park - 40-506-625.10**
**Budgeted: $2,750,000 (Bond + TPWD), potential for additional $325,000 in City funds**
**Expensed: $79,352**

100% Construction Documents have been received for Abigail Arias Park and are currently under City review and permitting. Bidding is slated open in mid-December with bid due in early January. Burditt is scheduled to provide a letter of recommendation at the January 13th Council meeting. Also, staff have met with a graphic designer to discuss initial concepts for a memorial and donor wall at the pavilion entrance and plan to meet with the Arias Family to review renderings.

With construction documents complete, staff are continuing to solicit and finalize vendor proposals and quotes for project components including playground equipment, splashpad features, tree donations, park furnishings, signage, and utility enclosures. The project is being positioned for potential vendor approvals beginning in January.

**Freedom Park Active Area Improvements - 40-506-625.20**
**Budgeted: $900,000 (Bond), potential for additional $350,000 in City funds**
**Expensed: $99,244**

The Freedom Park Improvements project is currently at the 90% Construction Document phase, with 100% Construction Documents scheduled to be received on December 16, 2025. Additional comments from City Council specifically related to the removal of the warning track and

adjustments to dugout sizing are being incorporated into the final plans. Receipt of the 100% documents will position the project for bidding in late December to early January.

**BG Peck Soccer Complex LED Field Lighting - 40-506-625.30**
**Budgeted: $250,000, Expensed: $176,000**

- Project completed

**BG Peck Soccer Complex Grading - 40-506-625.30**
**Budgeted: $74,000, Expensed: $34,695**

Design documents for the BG Peck Soccer Complex grading project are complete; however, no funding is currently available to support construction. Staff will continue to explore alternative funding sources and potential inclusion in a future bond program while maintaining project readiness. Remaining funds may be considered for other bond projects.

**Angleton Recreation Center Improvements - 40-506-625.40**
**Budgeted: $500,000, Expensed: $0**

Renovations at the Angleton Recreation Center are underway. Natatorium renovations began December 1, including pool drainage and demolition of the existing small play feature. Plaster stripping and coordinated tile and decking improvements are in progress, with additional facility improvements planned through 2026.

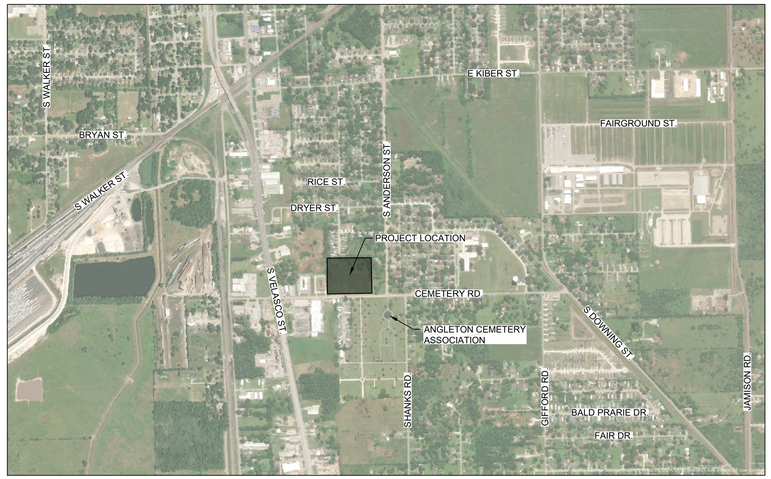
**Texian Trail Drainage - 40-506-625.50,**
**Budgeted: $350,000, Expensed: $291,278**

The Texian Trail Drainage project reached substantial completion on October 31, with minor punch list items being finalized. Remaining funds may be considered for other bond projects.

**RECOMMENDATION:**

No recommended action; update only.

## PROJECT LOCATION




## 3D ILLUSTRATION



# ABIGAIL ARIAS PARK

## 301 CEMETERY ROAD ANGLETON TEXAS, 77515

12/10/2025

## GENERAL NOTES

1. THE CONTRACTOR SHALL VIEW ALL DRAWINGS, SPECIFICATIONS, ADDENDA, ETC. AND INFORM THE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES IN THE DOCUMENTS AND OBTAIN CLARIFICATION PRIOR TO THE SUBMISSION OF THE BID.

2. EXISTING CONDITIONS AND DIMENSIONS SHOWN ON THESE DRAWINGS ARE ASSUMED BY THE LANDSCAPE ARCHITECT BASED ON AVAILABLE INFORMATION. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND NOTIFY THE LANDSCAPE ARCHITECT OF ANY DEVIATION OR CONFLICTS.

3. THESE DRAWINGS SHALL NOT BE SCALED. DRAWINGS HAVE BEEN DIMENSIONED IN ORDER TO ESTABLISH THE CONTROL AND GUIDELINES FOR FIELD LAYOUT. THE CONTRACTOR IS TO REFER TO THE DIMENSIONS INDICATED OR THE ACTUAL SIZES OF CONSTRUCTION ITEMS. WHERE A DISCREPANCY EXISTS, THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT.

4. DETAILS ARE KEYED WITH ASSOCIATED NOTES. THE DETAILS ARE TYPICAL FOR SIMILAR LOCATIONS. THE CONTRACTOR IS RESPONSIBLE TO COORDINATE THE LOCATION OF ALL TYPICAL DETAILS AND INSTALL WORK ACCORDINGLY.

5. THE CONTRACTOR SHALL NOTIFY THE OWNER TEN (10) WORKING DAYS IN ADVANCE OF STARTING CONSTRUCTION AND SHALL COORDINATE NECESSARY INSPECTIONS THROUGHOUT FINAL APPROVAL AND OCCUPANCY.

6. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES.

7. ANY DAMAGE TO EXISTING FACILITIES, ELEMENTS, FEATURES, AND IMPROVEMENTS, RESULTING FROM THE CONTRACTOR'S OPERATION, SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.

8. CONTRACTOR SHALL EXPOSE, VERIFY, CONNECT AND MATCH EXISTING UTILITIES AND IMPROVEMENTS, IN CONFORMANCE WITH THE INTENT OF THESE PLANS AND SPECIFICATIONS, TO PROVIDE COMPLETE AND OPERATIONAL SYSTEMS.

9. DURING THE COURSE OF THE WORK, THE CONTRACTOR SHALL COORDINATE AND ACCOMMODATE OTHER CONTRACTORS OR OPERATIONS OF THE OWNER.

10. THE CONTRACTOR SHALL EMPLOY ALL LABOR, EQUIPMENT, AND METHODS REQUIRED TO PREVENT HIS OPERATIONS FROM PRODUCING DUST IN AMOUNTS DAMAGING TO PROPERTY, CULTIVATED VEGETATION, DOMESTIC ANIMALS, AND CAUSING A NUISANCE TO PERSONS OCCUPYING BUILDINGS IN THE VICINITY OF THE JOB SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY DUST RESULTING FROM HIS OPERATIONS.

11. CONTRACTOR SHALL RESTRICT ALL OPERATIONS WITHIN THE PROJECT BOUNDARIES. ANY DISRUPTION TO LANDSCAPES, OUTSIDE OF PROJECT BOUNDARIES SHALL BE RESTORED BY THE CONTRACTOR AT NO COST TO THE OWNER.

12. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT "UNDERGROUND LOCATE SERVICE" AT LEAST 48 BUSINESS-DAY HOURS PRIOR TO THE START OF CONSTRUCTION FOR THE LOCATION OF POWER, GAS, OIL, CABLE TV, DATA, AND TELEPHONE FACILITIES. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR CONTRACTING THE APPROPRIATE PUBLIC AGENCY FOR THE LOCATION OF UNDERGROUND FACILITIES.

13. VERIFY IN FIELD (V.I.F.): IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY PORTIONS OF THE WORK PRIOR TO COMPLETION OF SUBMITTALS FOR FUTURE PORTIONS OF THE WORK. FAILURE TO FIELD VERIFY DIMENSIONS RESULTING IN NON-CONFORMING WORK SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.

14. ALL EXISTING TREES TO REMAIN SHALL BE PROTECTED WITH ORANGE CONSTRUCTION FENCING PLACED AT THE DRIPLINE OF CANOPY.

15. THE CONTRACT DOCUMENTS ARE COMPREHENSIVE AS A WHOLE AND THE CONTRACTOR SHALL COORDINATE ALL REQUIREMENTS IN DRAWINGS, SPECIFICATIONS, REGULATORY REQUIREMENTS, AND ADDENDA.

16. CORRELATION AND INTENT OF CONTRACT DOCUMENTS:

17. THE INTENT OF THE CONTRACT DOCUMENTS IS TO INCLUDE ALL ITEMS NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK BY THE CONTRACTOR. THE CONTRACT DOCUMENTS ARE COMPLEMENTARY, AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL; PERFORMANCE BY THE CONTRACTOR SHALL BE REQUIRED ONLY TO THE EXTENT CONSISTENT WITH THE CONTRACT DOCUMENTS AND REASONABLY INFERABLE FROM THEM AS BEING NECESSARY TO PRODUCE THE INDICATED RESULTS.

18. IF A CONFLICT, ERROR, OMISSION, OR LACK OF DETAILED DESCRIPTION IS DISCOVERED IN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT AND REQUEST CLARIFICATION. THE ARCHITECT WILL RESOLVE THE CONFLICT AND MAKE ANY CORRECTIONS OR INTERPRETATIONS NECESSARY TO FULFILL THE INTENT OF THE CONTRACT DOCUMENTS.

19. WHERE NOTES REFERENCE OTHER DISCIPLINES, SUCH AS: (RE:STRUCTURAL), (RE: CIVIL), (RE: LANDSCAPE),(RE: MEP), (RE: MECHANICAL), (RE: PLUMBING), (RE: ELECTRICAL), (RE: TECHNOLOGY), (RE: SECURITY), ETC., REFER TO ENGINEER'S DRAWINGS AND/OR SPECIFICATIONS FOR ADDITIONAL DETAILS AND INFORMATION. ITEMS SO NOTED ARE TO BE INCLUDED IN THE CONTRACT WHETHER OR NOT ENGINEER'S DRAWINGS AND SPECIFICATIONS CONTAIN ADDITIONAL INFORMATION OR REQUIREMENTS FOR EACH SPECIFIC ITEM NOTED. UPON FINDING A DISCREPENCY OR APPARENT LACK OF COORDINATING INFORMATION IN ENGINEER'S DRAWINGS OR SPECIFICATIONS. CONTRACTOR SHALL REQUEST ADDITIONAL INFORMATION FROM ARCHITECT IN ADVANCE TO AVOID COST OR TIME IMPACT.

## TDLR NUMBER:

TABS2026007500

## BID ALTERNATES

**BID ALTERNATE #1** - DUMPSTER AND UTILITIES ENCLOSURE
**BID ALTERNATE #2** - MONUMENT SIGN
**BID ALTERNATE #3** - SITE FURNISHINGS
**BID ALTERNATE #4** - PLAYGROUND
**BID ALTERNATE #5** - SPLASHPAD AND UNDERGROUND STORAGE

811 Know what's below. Call before you dig.

## 48 HOUR NOTICE

CONTRACTOR SHALL NOTIFY THE CITY PRIOR TO COMMENCING CONSTRUCTION AND/OR BACKFILLING ANY UTILITIES. CONTRACTOR(S) TO CONTACT THE PUBLIC REVIEW DEPARTMENT.

## INDEX OF DRAWINGS


| SHEET NO. | SHEET NAME |
|---|---|
| **01 - GENERAL** | |
| CVR | COVER |
| 16266 TOPO | SURVEY |
| G1.01 | TREE PRESERVATION PLAN |
| G1.02 | DEMOLITION PLAN |
| G1.03 | SITE DEVELOPMENT PLAN |
| G1.21 | TREE PRESERVATION DETAILS AND NOTES |
| **02 - CIVIL ENGINEERING** | |
| C1.01 | GRADING PLAN |
| C1.02 | DRAINAGE AREA MAP |
| C1.03 | HYDRAULIC CALCULATIONS |
| C1.04 | POND LAYOUT |
| C1.05 | UTILITY PLAN |
| C1.06 | STORMWATER POLLUTION PREVENTION PLAN |
| C5.01 | MISCELLANEOUS DETAILS |
| C5.02 | TRAFFIC CONTROL PLAN DETAILS |
| C5.03 | STORMWATER POLLUTION PREVENTION DETAILS |
| **03 - LANDSCAPE ARCHITECTURE** | |
| L0.01 | SITE DIMENSIONAL PLAN |
| L1.20 | HARDSCAPE SCHEDULE |
| L1.21 | HARDSCAPE DETAILS |
| L1.22 | HARDSCAPE DETAILS |
| L1.23 | HARDSCAPE DETAILS |
| L1.24 | HARDSCAPE DETAILS |
| L2.01 | IRRIGATION PLAN |
| L2.21 | IRRIGATION DETAILS |
| L3.01 | PLANTING PLAN |
| L3.21 | PLANTING DETAILS |
| **04 - ARCHITECTURE** | |
| A0.00 | ARCHITECTURE COVER |
| A1.00 | CODE ANALYSIS & LIFE SAFETY PLAN |
| A1.01 | FLOOR PLAN |
| A1.02 | ROOF PLAN AND RCP PLAN |
| A2.01 | BUILDING ELEVATIONS |
| A3.01 | BUILDING SECTIONS |
| A3.02 | BUILDING SECTIONS |
| A4.01 | INTERIOR ELEVATIONS |
| A5.00 | SECTION DETAILS |
| A5.01 | SECTION DETAILS |
| A5.02 | SECTION DETAILS |
| A6.00 | PERSPECTIVES |
| A7.00 | SCHEDULES |
| A7.01 | TYPICAL DIAGRAMS & RR ACCESSORY SCHEDULE |

| SHEET NO. | SHEET NAME |
|---|---|
| **05 - STRUCTURAL ENGINEERING** | |
| S0.01 | GENERAL NOTES |
| S1.01 | FOUNDATION PLAN |
| S1.02 | ROOF FRAMING PLAN |
| S2.10 | GENERAL FRAMING SECTIONS |
| S3.00 | TYPICAL FOUNDATION DETAILS |
| S3.01 | FOUNDATION TYPICAL DETAILS |
| S3.02 | TYPICAL FOUNDATION DETAILS |
| S3.10 | FOUNDATION DETAILS |
| S4.00 | TYPICAL WOOD FRAMING DETAILS |
| S4.10 | ROOF FRAMING DETAIL |
| S5.01 | TYPICAL MASONRY DETAILS |
| **06.1 - MECHANICAL ENGINEERING** | |
| M0.01 | MECHANICAL SYMBOL LEGEND |
| M0.11 | MECHANICAL GENERAL NOTES |
| M3.01 | MECHANICAL ENLARGED PLANS |
| M5.01 | MECHANICAL SCHEDULE & DETAILS |
| **06.2 - PLUMBING ENGINEERING** | |
| P0.01 | PLUMBING SYMBOL LEGEND |
| P0.11 | PLUMBING GENERAL NOTES |
| P3.01 | PLUMBING ENLARGED PLAN |
| P4.01 | PLUMBING RISERS AND SCHEMATICS |
| P5.01 | PLUMBING SCHEDULES |
| P6.01 | PLUMBING DETAILS |
| **06.3 - ELECTRICAL ENGINEERING** | |
| E0.01 | ELECTRICAL SYMBOL LEGEND |
| E0.11 | ELECTRICAL GENERAL NOTES |
| E3.01 | ELECTRICAL LIGHTING ENLARGED PLANS |
| E3.02 | ELECTRICAL POWER ENLARGED PLAN |
| E4.01 | ELECTRICAL ONE-LINE DIAGRAM |
| E5.01 | ELECTRICAL SCHEDULES |
| E6.01 | ELECTRICAL DETAILS |
| E6.02 | ELECTRICAL DETAILS |
| EP0.21 | ELECTRICAL SITE PLAN |
| **06.4 - TECHNOLOGY ENGINEERING** | |
| T0.01 | TECHNOLOGY SYMBOL LEGEND |
| T2.32 | TECHNOLOGY SITE PLAN |
| T3.01 | TECHNOLOGY ENLARGED PLAN |
| T6.01 | TECHNOLOGY DETAILS |


## PROJECT TEAM


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HOUSTON, TX 77098

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**EMAIL:** BMOE@DBRINC.COM
**ADDRESS:** 9990 RICHMOND AVENUE, SOUTH BUILDING, SUITE #300 HOUSTON, TX 77042



BURDITT Land | Place
310 Longmire Road
Conroe, TX 77304
Tel: 936.756.3041



THIS PROJECT & THE IDEAS HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, IS THE PROPERTY OF THE ARCHITECT & IS NOT TO BE USED IN WHOLE OR IN PART, WITHOUT THE AUTHORIZATION OF BURDITT CONSULTANTS, LLC.


ISSUANCE:

**BID & PERMIT SET**

SEAL:

REGISTERED LANDSCAPE ARCHITECT — STATE OF TEXAS

12/10/2025

CITY OF ANGLETON
**ABIGAIL ARIAS PARK**
PROJECT NO. 1514.003
301 CEMETERY ROAD ANGLETON TX, 77515

1 INCH
IF THIS LINE DOES NOT MEASURE ONE INCH THIS DRAWING IS NOT TO SCALE AND SHOULD NOT BE SCALED FOR DIMENSIONAL INFORMATION.

DESIGNER | PDK, CTW
DRAWER | PDK
CHECKER | CTW

**ISSUANCES & REVISIONS**

| NO. | DESCRIPTION | DATE |
|---|---|---|
| 01 | BID & PERMIT SET 01 | 12/10/2025 |

**COVER**

**CVR**

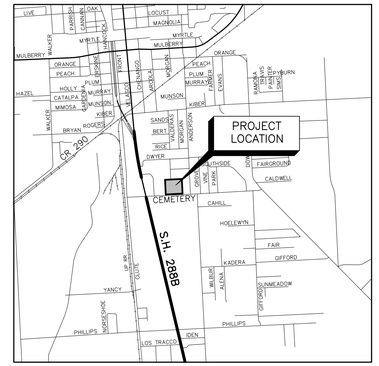


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FILE PATH: Q:\SHARED DRIVES\CLIENTS_A-F\ANGLETON\ABIGAIL ARIAS PARK\7000 CONSTRUCTION DOCUMENTS\7030 DRAWINGS\CVR - COVER SHEET.DWG | LAST SAVE DATE: 12/10/2025 4:13:14 PM | LAST SAVED BY: pkelly

# BRAZORIA COUNTY, TEXAS
## I.T. TINSLEY SURVEY
## ABSTRACT NO. 375




VICINITY MAP

## LEGEND

O.P.R.B.C.T. = OFFICIAL PUBLIC RECORDS BRAZORIA COUNTY, TEXAS
D.R.B.C.T. = DEED RECORDS BRAZORIA COUNTY, TEXAS
P.R.B.C.T. = PLAT RECORDS BRAZORIA COUNTY, TEXAS
C.C.F.N. = COUNTY CLERK'S FILE NUMBER
VOL, PG. = VOLUME, PAGE
= FIRE HYDRANT
= GAS METER
= INLET A
= MAILBOX
= MANHOLE
= SIGN
= UTILITY BOX
= UTILITY PED
= WATER METER
= WATER VALVE
= TREE

**SURVEYORS NOTES**

1. THE TOPOGRAPHIC SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE COMMITMENT OR REPORT WITH REGARD TO ANY RECORDED EASEMENTS, RIGHT-OF-WAYS, SETBACKS, RESTRICTIONS OR OTHER ENCUMBRANCES AFFECTING THE SURVEYED PROPERTY. NO ADDITIONAL RESEARCH WAS PERFORMED BY THE SURVEYOR, ANY OF THESE ITEMS MAY EXIST THAT ARE NOT SHOWN HEREON.
2. ALL BEARINGS SHOWN HEREON ARE BASED ON THE TEXAS COORDINATE SYSTEM OF 1983, (NAD83) SOUTH CENTRAL ZONE, PER GPS OBSERVATIONS.
3. ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP NO. 48039C0445K, REVISE DATE OF DECEMBER 30, 2020, THE SURVEYED PROPERTY LIES WITHIN ZONE "X", UNSHADED.
4. ELEVATIONS SHOWN HEREON ARE GPS DERIVED (NAVD88, US FOOT) BASED ON THE NGS CORS NETWORK AND ARE NOT TIED TO ANY PUBLISHED BENCHMARK.
5. UTILITIES SHOWN ARE BASED ON PHYSICAL ABOVE GROUND MARKERS (AS LOCATED BY 811 CALLS) AND IMPROVEMENTS. THE SURVEYOR WAS NOT PROVIDED ANY UNDERGROUND UTILITY MAPS AS TO THE LOCATION OF UNDERGROUND LINES.
6. THIS SURVEY IS FOR TOPOGRAPHIC PURPOSES ONLY. BOUNDARY SHOWN IS BASED ON RECORDED INFORMATION (RECORD DEED C.C.F.N. XXX) ONLY AND DOES NOT CONSTITUTE A BOUNDARY SURVEY.

I, DARREL HEIDRICH, DO HEREBY CERTIFY THAT THIS SURVEY WAS MADE ON THE GROUND, UNDER MY SUPERVISION AND SUBSTANTIALLY COMPLIES WITH THE CURRENT TEXAS SOCIETY OF PROFESSIONAL SURVEYORS MANUAL OF PRACTICE REQUIREMENTS FOR A CATEGORY 6, CONDITION 3, TOPOGRAPHIC SURVEY.

6/13/2025

DARREL HEIDRICH
REGISTERED PROFESSIONAL LAND SURVEYOR
LAND SURVEYOR NO. 5378

STATE OF TEXAS
REGISTERED
DARREL HEIDRICH
5378
PROFESSIONAL
LAND SURVEYOR

# TOPOGRAPHIC SURVEY
## OF A CALLED 6.920 ACRE TRACT AS RECORDED IN C.C.F.N. 2022008094 O.P.R.B.C.T.

I.T. TINSLEY SURVEY
ABSTRACT NO. 375
BRAZORIA COUNTY, TEXAS

BAKER & LAWSON, INC.
ENGINEERS ▪PLANNERS ▪SURVEYORS

Baker & Lawson Inc.
4005 Technology Dr., Suite 1530
Angleton, TX 77515
Phone # 979-849-6681
www.bakerlawson.com
Licensed Surveying Firm No. 10052500

| | | | |
|---|---|---|---|
| JOB NO.: 16265 | SCALE: 1" = 100' | DRAWN BY: AD | CKED BY: AH |
| DRAWING NO.: 16266 TOPO | | DATE: 6/13/25 | REV. NO. 0 |



J:\16000S\16200\16266\ENGINEERING-SURVEY\SURVEY\DWGS\16266 TOPO.DWG PLOT DATE:6/13/2025 DheidrichJ




## TREE LEGEND

| SYMBOL | DESCRIPTION |
|---|---|
| | EXISTING TREE TO BE REMOVED (BY OWNER) PRIOR TO CONSTRUCTION START |
| | EXISITNG TREE TO REMAIN |
| | CHAINLINK TREE PROTECTION FENCE (BY CONTRACTOR) |

## TREE DISPOSITION PLAN

| TREE SPECIES | TREE CALIPER | |
|---|---|---|
| LIVE-OAK | 24 | HERITAGE TREE |
| LIVE-OAK | 7 | HERITAGE TREE |
| LIVE-OAK | 6 | HERITAGE TREE |
| LIVE-OAK | 6 | HERITAGE TREE |
| TALLOW | 20 | |
| TALLOW | 6 | |
| TALLOW | 6 | |
| TALLOW | 6 | |
| HACKBERRY | 12 | |
| TALLOW | 17 | |
| HACKBERRY | 8 | |
| TALLOW | 7 | |
| TALLOW | 7 | |
| TALLOW | 9 | |
| HACKBERRY | 12 | |
| LIVE-OAK | 22 | |
| TALLOW | 18 | |
| TALLOW | 18 | |
| TALLOW | 15 | |
| HACKBERRY | 13 | |
| HACKBERRY | 13 | |
| HACKBERRY | 13 | |
| TALLOW | 24 | |
| PECAN | 30 | HERITAGE TREE |
| HACKBERRY | 16 | |
| TALLOW | 28 | |
| HACKBERRY | 18 | |
| HACKBERRY | 12 | HERITAGE TREE |
| LIVE-OAK | 30 | HERITAGE TREE |
| LIVE-OAK | 30 | |
| OAK | 17 | |
| OAK | 15 | |
| OAK | 12 | HERITAGE TREE |
| PECAN | 14 | HERITAGE TREE |
| PECAN | 24 | |
| OAK | 13 | |
| HACKBERRY | 6 | |
| OAK | 8 | |
| TALLOW | 8 | REMOVE |
| HACKBERRY | 12 | |
| TALLOW | 8 | REMOVE |
| TALLOW | 9 | REMOVE |
| TALLOW | 11 | REMOVE |
| PECAN | 13 | HERITAGE TREE |
| PECAN | 7 | HERITAGE TREE |
| TALLOW | 9 | REMOVE |
| HACKBERRY | 15 | |
| TALLOW | 18 | REMOVE |
| ELM | 18 | |
| HACKBERRY | 7 | |
| OAK | 8 | |
| OAK | 8 | |
| OAK | 15 | |
| OAK | 6 | |
| TALLOW | 8 | |
| HACKBERRY | 9 | |
| TALLOW | 18 | |
| TALLOW | 6 | |
| HACKBERRY | 6 | |
| HACKBERRY | 6 | |
| HACKBERRY | 30 | |
| ELM | 7 | |
| LIVE-OAK | 17 | HERITAGE TREE |
| **TOTAL HERITAGE TREE CALIPER** | 148 | |
| **TOTAL CALIPER** | 841 | |
| **REMOVED CALIPER** | 63 | |

**NOTE:**

PER CITY OF ANGLETON HERITAGE TREE ORDINANCE, ALL EXISTING LIVE OAKS AND PECANS REMOVED FOR CONSTRUCTION SHALL BE REPLACED AT A 3:1 CAL INCH RATIO ON SITE OR OTHER CITY DESIGNATED LOCATION. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE HEALTH OF THE EXISTING HERITAGE TREES DURING CONSTRUCTION OR FACE POSSIBLE REPLACEMENT PER ORDINANCE REQUIREMENTS. CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT OF POSSIBLE SITE ISSUES.

SCALE AND NORTH ARCHER

0 30 ft 60 ft

SCALE: 1" = 30' - 0"

BURDITT Land | Place
310 Longmire Road
Conroe, TX 77304
Tel: 936.756.3041

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ISSUANCE:

**BID & PERMIT SET**

SEAL:

REGISTERED LANDSCAPE ARCHITECT — STATE OF TEXAS

12/10/2025

CITY OF ANGLETON

# ABIGAIL ARIAS PARK

301 CEMETERY ROAD ANGLETON TX, 77515

PROJECT NO. 1514.003

1 INCH

IF THIS LINE DOES NOT MEASURE ONE INCH THIS DRAWING IS NOT TO SCALE AND SHOULD NOT BE SCALED FOR DIMENSIONAL INFORMATION.

DESIGNER | PDK, CTW
DRAWER | PDK
CHECKER | CTW

**ISSUANCES & REVISIONS**

| NO. | DESCRIPTION | DATE |
|---|---|---|
| 01 | BID & PERMIT SET 01 | 12/10/2025 |

**TREE PRESERVATION PLAN**

# G1.01

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FILE PATH: Q:\SHARED DRIVES\CLIENTS_A-P\ANGLETON\ABIGAIL ARIAS PARK\1000 CONSTRUCTION DOCUMENTS\97050 DRAWINGS\DEMO - PLAN.DWG | LAST SAVE DATE: 12/10/2025 5:30:09 PM | LAST SAVED BY: pkelly

C.C.F.N. 2006040769
O.P.R.B.C.T.

PROPERTY LINE (TYP.)

LIMITS OF WORK (TYP.)

PROPERTY LINE (TYP.)

LIMITS OF WORK (TYP.)

EXISTING TREE TO REMAIN (TYP.)
DO NOT DISTURB

9" TALLOW
18" TALLOW
9" TALLOW
8" TALLOW
12" HACKBERRY
9" TALLOW
18" TALLOW
HACKBERRY

EXISTING TREE TO REMAIN (TYP.)
DO NOT DISTURB

LIMITS OF WORK (TYP.)

PROPERTY LINE (TYP.)

CALLED 2.50
VOL. 950, P(
D.R.B.C.

.8687 ACRES
19999003305
R.B.C.T.

12 W

PROPERTY LINE (TYP.)

LIMITS OF WORK (TYP.)

CEMETERY RD.

CEMETERY RD.

HD

## TREE LEGEND

| SYMBOL | DESCRIPTION |
|---|---|
| | EXISTING TREE TO BE REMOVED (BY OWNER) PRIOR TO CONSTRUCTION START |
| ⊙ | EXISITNG TREE TO REMAIN |
| —X— | CHAINLINK TREE PROTECTION FENCE (BY CONTRACTOR) |

**NOTE:**

OWNER TO COORDINATE DEMOLITION WITH CONTRACTOR. TREE REMOVAL PER PLANS, FENCING REMOVAL AND EXISTING SIGN REMOVAL SCOPE TO BE PROVIDED BY OWNER/OWNER REPRESENTATIVE PRIOR TO SITE MOBILIZATION BY CONTRACTOR.

**NOTE:**

PER CITY OF ANGLETON HERITAGE TREE ORDINANCE, ALL EXISTING LIVE OAKS AND PECANS REMOVED FOR CONSTRUCTION SHALL BE REPLACED AT A 3:1 CAL INCH RATIO ON SITE OR OTHER CITY DESIGNATED LOCATION. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE HEALTH OF THE EXISTING HERITAGE TREES DURING CONSTRUCTION OR FACE POSSIBLE REPLACEMENT PER ORDINANCE REQUIREMENTS. CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT OF POSSIBLE SITE ISSUES.

## TREE TO BE REMOVED

| TREE SPECIES | TREE CALIPER | |
|---|---|---|
| TALLOW | 8 | REMOVE |
| TALLOW | 8 | REMOVE |
| TALLOW | 9 | REMOVE |
| TALLOW | 11 | REMOVE |
| TALLOW | 9 | REMOVE |
| TALLOW | 18 | REMOVE |
| **REMOVED CALIPER** | 63 | |

## SCALE AND NORTH ARROW

0 30 ft 60 ft

SCALE: 1" = 30' - 0"

N

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Land | Place
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Conroe, TX 77304
Tel: 936.756.3041

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**ISSUANCE:**

**BID & PERMIT SET**

**SEAL:**

REGISTERED LANDSCAPE ARCHITECT
STATE OF TEXAS

12/10/2025

CITY OF ANGLETON

# ABIGAIL ARIAS PARK

PROJECT NO. 1514.003

301 CEMETERY ROAD ANGLETON TX, 77515

1 INCH

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DRAWER | PDK
CHECKER | CTW

**ISSUANCES & REVISIONS**

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|---|---|---|
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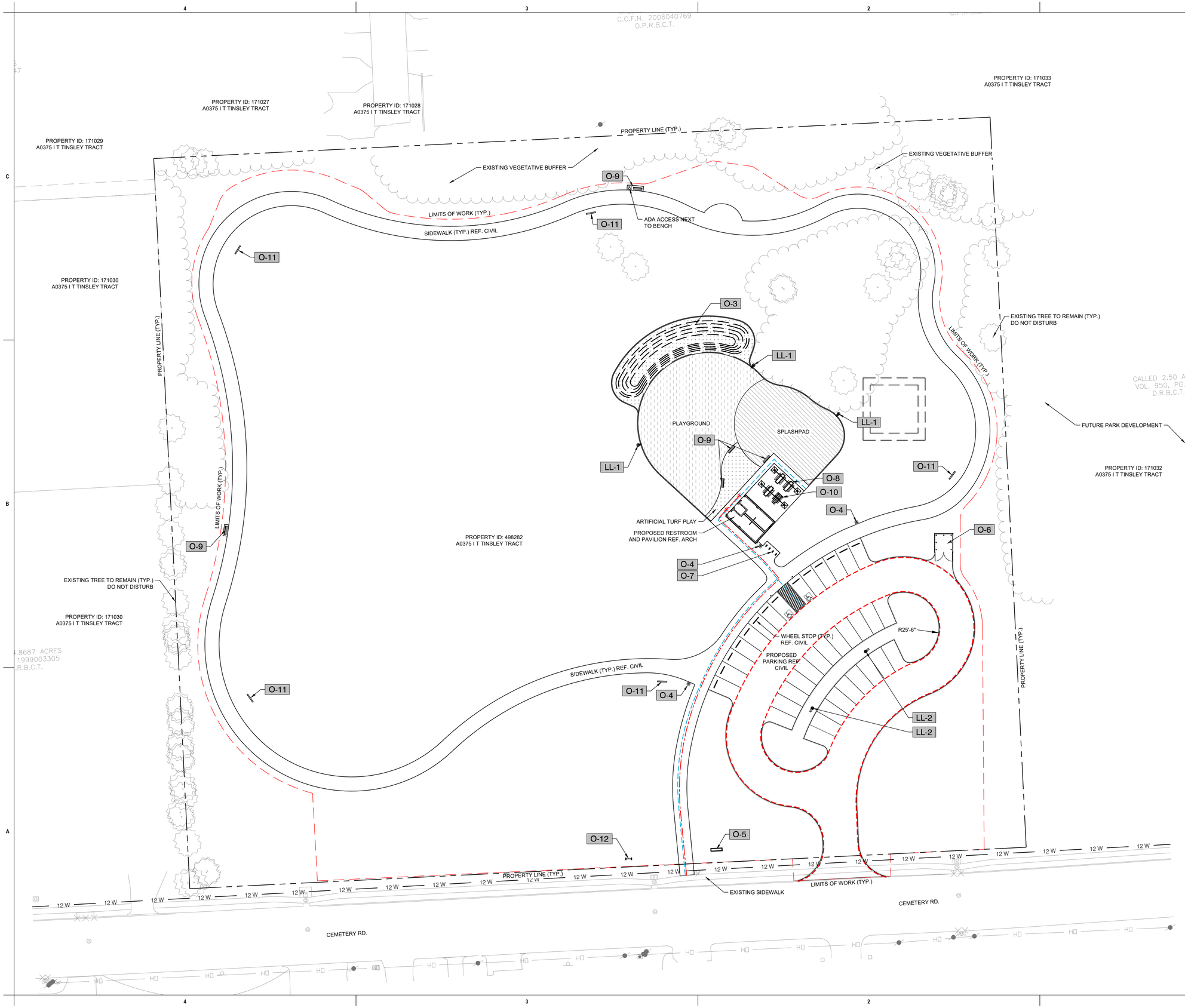
## DEMOLITION PLAN

G1.02

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FILE PATH: O:\SHARED DRIVES\CLIENTS_A-P\ANGLETON\ABIGAIL ARIAS PARK\07000 CONSTRUCTION DOCUMENTS\07000 DRAWINGS\DEMO - PLAN.DWG | LAST SAVE DATE: 12/10/2025 5:30:09 PM | LAST SAVED BY: pkelly




| HARDSCAPE LEGEND | |
|---|---|
| CODE | DESCRIPTION |
| LIGHTING | |
| LL-1 | PEDESTRIAN LIGHT POLE |
| LL-2 | PARKING LOT LIGHT POLE |
| OWNER FURNISHED | |
| O-1 | SPLASHPAD |
| O-2 | POUR IN PLACE |
| O-3 | ARTIFICIAL TURF |
| O-4 | TRASH RECEPTACLE |
| O-5 | ENTRY SIGN |
| O-6 | DUMPSTER ENCLOSURE |
| O-7 | BIKE RACK |
| O-8 | PICNIC TABLE |
| O-9 | BENCH |
| O-10 | ADA PICNIC TABLE |
| O-11 | WILDFLOWER AREA SIGN |
| O-12 | CONSTRUCTION SIGN |
| O-13 | PLAYGROUND |

**ACCESSIBLE ROUTE**
(MAX SLOPE 5% ALONG PATH, MAX SLOPE 2% ACROSS PATH) REFER TO STANDARD ACCESSIBILITY REQUIREMENTS)

**ADA PARKING SPACES**

**PARKING LOT =** 35 TOTAL SPACES
2 TOTAL ACCESSIBLE
(2 REGULAR)

LIFE SAFETY LEGEND:

- **ADA PATH**
- **POINT OF CHOICE (REFER TO SHEET A1.01 FOR CODE ANALYSIS AND LIFE SAFETY PLAN)**
- **4" FIRE LANE STRIPING (REF. DETAIL L1.23 - B4)**

SCALE AND NORTH ARROW

0 30 ft 60 ft

SCALE: 1" = 30' - 0"

N

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**ISSUANCE:**

**BID & PERMIT SET**

**SEAL:**

REGISTERED LANDSCAPE ARCHITECT · STATE OF TEXAS · 2997

12/10/2025

CITY OF ANGLETON

# ABIGAIL ARIAS PARK

PROJECT NO. 1514.003

301 CEMETERY ROAD ANGLETON TX, 77515

1 INCH

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DESIGNER | PDK, CTW
DRAWER | PDK
CHECKER | CTW

**ISSUANCES & REVISIONS**

| NO. | DESCRIPTION | DATE |
|---|---|---|
| 01 | BID & PERMIT SET 01 | 12/10/2025 |

**SITE DEVELOPMENT PLAN**

# G1.03

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FILE PATH: O:\SHARED DRIVES\CLIENTS_A-P\ANGLETON\ABIGAIL ARIAS PARK\7000 CONSTRUCTION DOCUMENTS\7030 DRAWINGS\HARD - PLAN.DWG | LAST SAVE DATE: 12/10/2025 5:22:32 PM | LAST SAVED BY: pkelly

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ISSUANCE:

**BID & PERMIT SET**

SEAL:

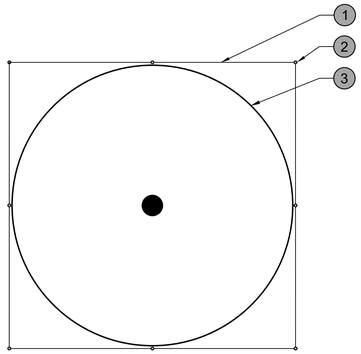
REGISTERED LANDSCAPE ARCHITECT STATE OF TEXAS

12/10/2025

# CITY OF ANGLETON
# ABIGAIL ARIAS PARK

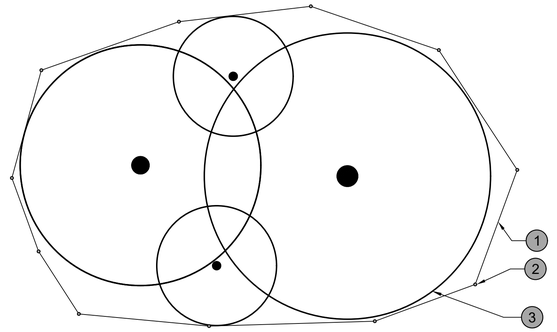
PROJECT NO. 1514.003

301 CEMETERY ROAD ANGLETON TX, 77515




1. TREE PROTECTION FENCE, PLASTIC MESH OR CHAINLINK
2. T-POST (TYP.)
3. EXISITNG TREE DRIP LINE

SINGLE TREE




GROUP OF TREES

## C2 TREE PROTECTION FENCE - PLAN VIEW

1" = 1'-0"

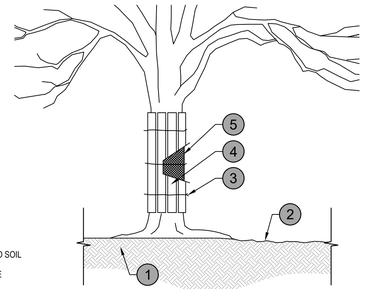
**TREE PRESERVATION NOTES**

1. VEHICLES AND EQUIPMENT SHALL NOT BE DRIVEN, PARKED, OR USED TO STORE EXCAVATED OR CONSTRUCTION MATERIALS WITHIN AREAS ENCLOSED BY TREE PROTECTION FENCING OR BENEATH THE CANOPY (DRIP LINE) OF TREES MARKED FOR PRESERVATION.
2. IF ACCESS WITHIN A TREE'S CANOPY AREA IS NECESSARY FOR SPECIFIC TASKS, EQUIPMENT MAY BE USED CAUTIOUSLY. CARE MUST BE TAKEN TO AVOID HARMING TRUNKS, BRANCHES, OR ROOT ZONES.
3. TREES DESIGNATED FOR RETENTION SHALL BE IRRIGATED AS NEEDED THROUGHOUT THE CONSTRUCTION PERIOD TO PROMOTE CONTINUED HEALTHY GROWTH.
4. ROOTS MUST BE SAFEGUARDED FROM HARM CAUSED BY GRADING OR SOIL REMOVAL. ANY EXCAVATION OR GRADING WITHIN THE DRIP LINE OF A TREE MUST BE PERFORMED MANUALLY USING HAND TOOLS.
5. TAKE PRECAUTIONS TO ENSURE TREE ROOTS ARE NOT EXPOSED TO HARMFUL CHEMICALS OR MATERIALS. PREVENT CONTAMINATION FROM RUNOFF, SPILLS DURING MATERIAL MIXING OR PLACEMENT, AND DRAINAGE FROM STORED ITEMS.
6. TREE PROTECTION BARRIERS MUST BE INSTALLED BEFORE CONSTRUCTION BEGINS AND REMAIN SECURELY IN PLACE UNTIL ALL SITE WORK IS FINISHED. BARRIERS SHOULD BE KEPT IN GOOD REPAIR THROUGHOUT THE PROJECT.
7. ALL PRUNING MUST BE APPROVED AND DIRECTED BY THE OWNER'S DESIGNATED REPRESENTATIVE. REMOVE DEAD BRANCHES AND DEBRIS FROM THE SITE AS PART OF SITE CLEANUP.
8. CONTRACTORS MUST MEET WITH THE URBAN FORESTER OR OWNER'S REP TO REVIEW TREE PRESERVATION PLANS BEFORE STARTING WORK.
9. NO SITE WORK IS ALLOWED UNTIL TREE PROTECTION MEASURES ARE IN PLACE AND APPROVED.
10. TREE PROTECTION INSTALLATIONS MUST BE REVIEWED BEFORE AND AFTER SETUP.
11. CONTRACTOR IS RESPONSIBLE FOR FOLLOWING AND MAINTAINING THE TREE PRESERVATION PLAN.
12. DO NOT ACCESS FENCED TREE PROTECTION AREAS WITHOUT PRIOR APPROVAL.
13. COVER EXPOSED ROOTS WITH SOIL OR PLASTIC TO PREVENT DRYING.
14. LIMIT EXCAVATION IN TREE ZONES TO 2' DEPTH, AVOID CUTTING ROOTS OVER 1/2", AND USE HAND TOOLS WHEN REQUIRED.
15. DAMAGE TO PRESERVED TREES MUST BE ASSESSED AND COMPENSATED BY THE CONTRACTOR.
16. APPROVED FERTILIZER AND MYCORRHIZAL TREATMENTS ARE REQUIRED; ALTERNATIVES MUST BE APPROVED BY OWNER.
17. TREE FENCING MUST MEET SPECIFIED HEIGHT, GAUGE, AND SPACING; INSTALL PRIOR TO WORK.
18. MULCH SHOULD BE SITE-GENERATED OR FIRST-RUN; ORGANIC MATERIALS PREFERRED.
19. ONLY DESIGNATED TREES MAY BE PRUNED, AND ALL PRUNING MUST MEET ANSI STANDARDS.
20. DEADWOOD, STUBS OVER 1", AND HAZARD LIMBS MUST BE REMOVED.
21. OAK PRUNING DURING SPRING MONTHS REQUIRES APPROVED PAINT ON CUTS.
22. REMOVE ALL WOOD AND DEBRIS FROM PRUNING ACTIVITIES IMMEDIATELY.
23. COMPRESSED AIR TRENCHING MUST FOLLOW MARKED ZONES AND DEPTH LIMITS.
24. ALL ROOT ZONES 1.5" OR LARGER MUST BE PRESERVED; TRENCH CAREFULLY AND BACKFILL IMMEDIATELY.
25. UTILITY BORING MUST AVOID ROOT ZONES; BORE PITS MUST STAY OUTSIDE CRITICAL ROOT AREAS.
26. INSTALL VERTICAL WOOD PLANKS AROUND TRUNKS WHERE NEEDED FOR PROTECTION.
27. NEW SIDEWALKS IN TREE ZONES MUST BE ON-GRADE, WITH NO ROOT CUTTING OR STABILIZED SAND BASE.

**DEMOLITION NOTES**

1. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING PROTECTIVE MEASURES TO SAFEGUARD ALL DESIGNATED EXISTING TREES ON THE SITE.
2. STAGING OF EQUIPMENT, PARKING OF VEHICLES, OR MATERIAL STORAGE IS PROHIBITED BENEATH THE CANOPY (DRIP LINE) OF EXISTING TREES.
3. ONGOING UPKEEP SHALL BE PROVIDED IN ACTIVE WORK ZONES TO MAINTAIN SITE CONDITIONS DURING CONSTRUCTION.
4. TREES MARKED FOR MANUAL REMOVAL, AS SHOWN ON THE TREE PRESERVATION PLAN, WILL BE IDENTIFIED WITH AN "X" BY THE URBAN FORESTER OR THE OWNER'S REPRESENTATIVE.
5. TREE REMOVALS MUST BE CARRIED OUT BY A CERTIFIED ARBORIST WITH APPROPRIATE QUALIFICATIONS.
6. ALL TREE-RELATED DEBRIS AND CUT WOOD SHALL BE PROMPTLY CLEARED FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH LOCAL REGULATIONS.
7. TREE STUMPS ARE TO BE GROUND TO A DEPTH OF 12 INCHES (1'-0") BELOW THE FINAL GRADE ELEVATION.
8. SHOULD ANY PRESERVATION TREES SUSTAIN INJURY DURING REMOVAL ACTIVITIES, NECESSARY CORRECTIVE ACTIONS MUST BE TAKEN TO RESTORE THEIR CONDITION.
9. ANY DAMAGE TO SITE GRADES OR TURF AREAS RESULTING FROM DEMOLITION WORK MUST BE REPAIRED AND RESTORED TO ORIGINAL OR BETTER CONDITION.

## A4 TREE PRESERVATION GENERAL NOTES

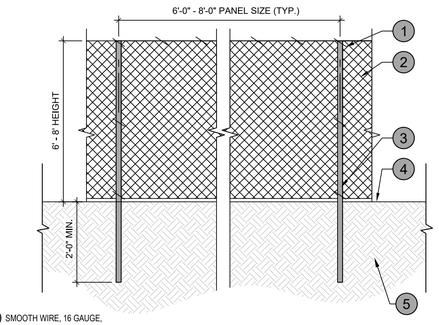



1. UNDISTURBED SOIL
2. FINISH GRADE
3. SECURE BOARDS WITH 10 GAUGE WIRE STAPLED TO BOARDS. DO NOT ATTACH BOARDS TO TREE
4. INSTALL 2" X 4" BOARDS SPACED EQUALLY AROUND CIRCUMFERENCE OF TREE OVER BURLAP
5. WRAP TREE WITH SEVERAL LAYERS OF BURLAP TO CUSHION TREE BARK FROM BOARDS

**NOTES**
1. IN SITUATIONS WHERE A PROTECTED TREE REMAINS IN THE IMMEDIATE AREA OF INTENDED CONSTRUCTION, AND THE TREE MAY BE IN DANGER OF BEING DAMAGED BY CONSTRUCTION EQUIPMENT OR OTHER ACTIVITY, THE CONTRACTOR OR SUBCONTRACTOR SHALL PROTECT THE TREE WITH 2" X 4" LUMBER ENCIRCLED WITH WIRE OR OTHER MEANS THAT DO NOT DAMAGE THE TREE. THE INTENT IS TO PROTECT THE TRUNK OF THE TREE AGAINST INCIDENTAL CONTACT BY LARGE CONSTRUCTION EQUIPMENT.

## B3 TREE BOARDING

N.T.S.

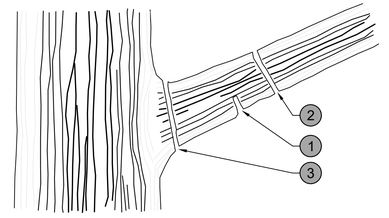



1. SMOOTH WIRE, 16 GAUGE, STRETCH ACROSS TOP OF FENCE AND SECURE
2. TREE PROTECTION FENCE, PLASTIC MESH OR CHAINLINK
3. 6' - 8' HEIGHT T-POSTS @ 8'-0" O.C. (TYP.)
4. FINISH GRADE
5. UNDISTURBED SOIL

**NOTES**
1. TREE PROTECTION FENCING SHALL BE INSTALLED AROUND THE TREE AT THE DRIP LINE, (TYP.), AS SPECIFIED PER NOTES AND PLAN.

## A3 TREE PROTECTION FENCE - PLASTIC MESH

3/4" = 1'-0"



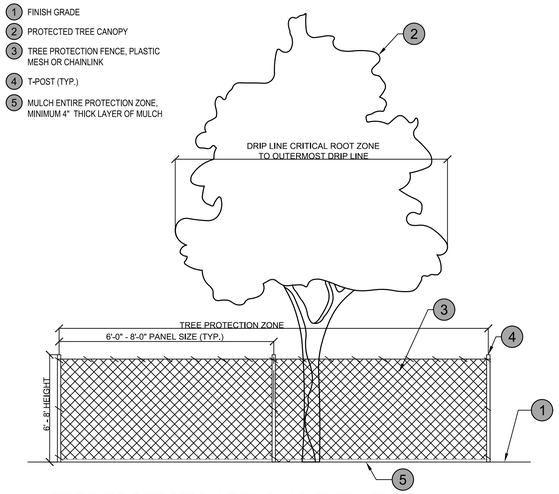

1. MAKE A PARTIAL CUT FROM BENEATH AT A POINT SEVERAL INCHES AWAY FROM THE TRUNK.
2. MAKE A SECOND CUT SEVERAL INCHES OUT AND ABOVE THE FIRST CUT TO ALLOW THE LIMB TO FALL SAFELY.
3. COMPLETE THE JOB WITH FINAL CUT JUST OUTSIDE THE BRANCH COLLAR, THE RAISED AREA THAT SURROUNDS THE BRANCH WHERE IT JOINS THE TRUNK.

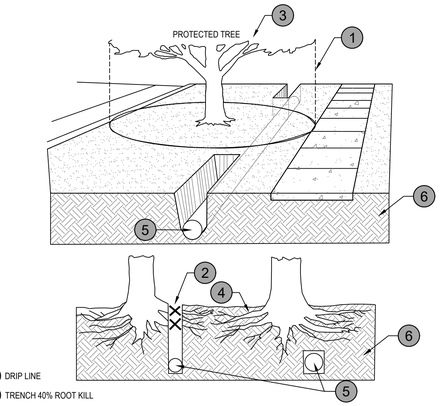
**NOTES**
1. IT SHALL BE UNLAWFUL FOR ANY PERSON TO TOP ANY TREE WITHOUT HAVING A TREE PERMIT APPROVED BY THE LANDSCAPE ADMINISTRATOR. IF THE LANDSCAPE ADMINISTRATOR DETERMINES THAT TOPPING THE TREE IS NECESSARY BECAUSE THE TREE HAS BEEN SEVERELY DAMAGED BY STORMS OR OTHER CAUSES, OR IS IN A CIRCUMSTANCE WHICH MAKES OTHER PRUNING PRACTICES IMPRACTICAL, THE LANDSCAPE ADMINISTRATOR MAY ISSUE A TREE PERMIT ALLOWING TOPPING OF THE TREE.

## B2 TREE PRUNNING

N.T.S.

1. FINISH GRADE
2. PROTECTED TREE CANOPY
3. TREE PROTECTION FENCE, PLASTIC MESH OR CHAINLINK
4. T-POST (TYP.)
5. MULCH ENTIRE PROTECTION ZONE, MINIMUM 4" THICK LAYER OF MULCH



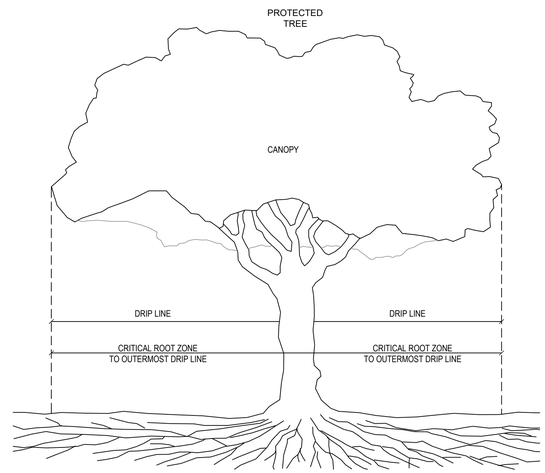




1. DRIP LINE
2. TRENCH 40% ROOT KILL
3. PROTECTED TREE
4. CRITICAL ROOTS
5. BORING
6. UNDISTURBED SOIL

**NOTES**
1. BORING OF UTILITIES UNDER PROTECTED TREES SHALL BE REQUIRED IN THOSE CIRCUMSTANCES WHERE IT IS NOT POSSIBLE TO TRENCH AROUND THE CRITICAL ROOT ZONE OF THE PROTECTED TREE. WHEN REQUIRED, THE LENGTH OF THE BORE SHALL BE THE WIDTH OF THE CRITICAL ROOT ZONE AT A MINIMUM AND SHALL BE A MINIMUM DEPTH OF 48 INCHES.

## B1 BORING AND TUNNELING

N.T.S.




## A2 TREE PROTECTION FENCING ELEVATION

3/8" = 1'-0"

## A1 CRITICAL ROOT ZONE AREA

N.T.S.

1 INCH

IF THIS LINE DOES NOT MEASURE ONE INCH THIS DRAWING IS NOT TO SCALE AND SHOULD NOT BE SCALED FOR DIMENSIONAL INFORMATION.

DESIGNER | PDK, CTW
DRAWER | PDK
CHECKER | CTW

**ISSUANCES & REVISIONS**

| NO. | DESCRIPTION | DATE |
|---|---|---|
| 01 | BID & PERMIT SET 01 | 12/10/2025 |

**TREE PRESERVATION DETAILS AND NOTES**

# G1.21

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FILE PATH: Q:\SHARED DRIVES\CLIENTS_A-F\ANGLETON\ABIGAIL ARIAS PARK\7000 CONSTRUCTION DOCUMENTS\7030 DRAWINGS\TREE - DETAILS.DWG | LAST SAVE DATE: 12/2/2025 3:12:38 PM | LAST SAVED BY: pkelly




## GENERAL NOTES

## LEGEND

- 4 ½" CONCRETE SIDEWALK SEE DETAIL SHEET C5.01
- PROPOSED CONTOUR
- DIRECTION OF GRADE

0 30' ft 60' ft

SCALE: 1" INCH = 30' FEET

N

BURDITT Land | Place
310 Longmire Road
Conroe, TX 77304
Tel: 936.756.3041

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ISSUANCE:

**100% BID & PERMIT SET**

**12/10/2025**

SEAL:

STATE OF TEXAS
MICHELLE A. PATTON
No. 90252
REGISTERED
PROFESSIONAL ENGINEER

Michelle A. Patton
12/9/2025

MPCE Civil Engineering
MPCE, LLC
20333 SH 249, SUITE 200
HOUSTON, TX 77070
F-22744

CITY OF ANGLETON

# ABIGAIL ARIAS PARK

PROJECT NO. 1514.003

301 Cemetery Road

1 INCH

IF THIS LINE DOES NOT MEASURE ONE INCH THIS DRAWING IS NOT TO SCALE AND SHOULD NOT BE SCALED FOR DIMENSIONAL INFORMATION.

DESIGNER | MAP
DRAWER | MAP
CHECKER | MAP

**ISSUANCES & REVISIONS**

| NO. | DESCRIPTION | DATE |
|---|---|---|
| | | |

## GRADING PLAN

# C1.01

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C.C.F.N. 2006040769
O.P.R.B.C.T.

SANITARY M/H
RIM: 25.44'
8" PVC (N) FL: 22.0'
8" PVC (S) FL: 22.1'
8" PVC (W) FL: 23.2'

112.7
0.4%
CO

TREE LINE

6.92 AC
15.89 CFS

6.92 AC
9.50 CFS

CALLED 2.50 ACRES
VOL. 950, PG. 901
D.R.B.C.T.

.8687 ACRES
1999003305
.R.B.C.T.

CURB INLET
RIM: 24.87'
0" RCP (S) FL: 19.6'

INLET
RIM ELEV.: 24.44'
40"x40" BOX (S) EL. = 20.2'

STORM M/H
RIM: 25.21'
24" RCP (S) FL: 20.0'

STORM M/H
RIM: 25.28'
24" RCP (N) FL: 19.8'
36" RCP (E) FL: 19.5'
36" RCP (W) FL: 19.5'

STORM M/H
RIM: 24.97
UNABLE TO OPEN

INLET
RIM ELEV.: 23.95'
40"X40" BOX (S) FL: 19.9'

STORM M/H
RIM: 24.48'
24" RCP (S) FL: 19.6'

STORM M/H
RIM: 24.64'
24" RCP (N) FL: 19.4'
42" RCP (E) FL: 18.9'
36" RCP (W) FL: 19.2'

INLET
RIM : 23.44'
BOX (S) FL: 20.0'

STORM M/H
RIM : 23.13'
24" RCP (S) FL: 20.0'

STORM M/H
RIM ELEV.: 24.11'
24" RCP (N) EL. = 19.3'
42" RCP (E) EL. = 18.7'
18" RCP (S) EL. = 18.9'
18" RCP (W) EL. = 18.6'

INLET
RIM : 24.30'
18" RCP (N) FL: 19.2'

CEMETERY ROAD

## GENERAL NOTES

NOTES:

1. THE SITE IS LOCATED ON FEMA FIRM 48039C0445K, EFFECTIVE 12/10/2020. IT LIES IN ZONE X, AREA OF MINIMAL FLOOD HAZARD.
2. STORMWATER DETENTION PROVIDED FOR TOTAL PARK PROPERTY.
   TOTAL AREA: 6.92 AC
   EXISTING PEAK FLOW: 9.50 CFS
   PROPOSED PEAK FLOW: 15.89 CFS
3. STORMWATER DETENTION CALCULATIONS SHOWN ON SHEET C1.03.
4. STORMWATER DETENTION POND VOLUME SHOWN ON SHEET C1.05.

## LEGEND

- PROPOSED CONTOUR
- DIRECTION OF FLOW
- DRAINAGE BOUNDARY
- ID / AC / CFS — DRAINAGE AREA, AREA (AC), RUNOFF (CFS)
- ID / CUMM. AC / CUMM. CFS — NODE, AREA (AC), RUNOFF (CFS)

0 30' ft 60' ft

SCALE: 1" INCH = 30' FEET

N

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12/9/2025

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F-22744

CITY OF ANGLETON

# ABIGAIL ARIAS PARK

PROJECT NO. 1514.003

301 Cemetery Road

1 INCH

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DESIGNER | MAP
DRAWER | MAP
CHECKER | MAP

**ISSUANCES & REVISIONS**

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## DRAINAGE AREA MAP

**C1.02**



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Abigail Arias Park
Stormwater Detention Volume Calculations
301 Cemetery Road, Angleton Texas
Brazoria County Region 1

Existing Conditions

| | | |
|---|---|---|
| Area (ac) | $A := 6.92$ | IDF Coefficients |
| C coefficient | $C := 0.20$ | $i_{100}$ (in/hr) |
| Slope (ft/ft) | .001 | $e := 0.533$ |
| Overland Flow Path (ft) | 400 | $b := 46.316$ |
| Channelized Flow Path (ft) | 250 | $d := 1.555$ |

$T_{ov}$ (min) $\quad 0.828 \cdot (400 \cdot 0.40)^{0.467} \cdot (0.001)^{-0.235} = 44.911$

V (ft/s) $\quad 16.135 \sqrt{0.001} = 0.51$

$T_{ch}$ (min) $\quad \frac{250}{(60 \cdot .51)} = 8.17$

$T_c$ (min) $\quad Tc := 44.911 + 8.17 = 53.081$

$i := \frac{b}{(d + Tc)^e} = 5.491$ Adjustment Factor $Cf := 1.25$

$Qex := Cf \cdot C \cdot i \cdot A = 9.500$





Existing Hydrograph

Rainfall P (in) $\quad P := 17$

Volume V (cf) $\quad V := \left(\frac{P}{12}\right) \cdot A \cdot 43560 \cdot C = 85406.64$

Time to Peak (sec) $\quad Tp := \frac{V}{(1.39 \cdot Qex)} = 6468.088$

$t := 0, 1000 .. 86400 =$

$$\begin{bmatrix} 0 \\ 1 \cdot 10^3 \\ 2 \cdot 10^3 \\ 3 \cdot 10^3 \\ 4 \cdot 10^3 \\ 5 \cdot 10^3 \\ 6 \cdot 10^3 \\ 7 \cdot 10^3 \\ 8 \cdot 10^3 \\ 9 \cdot 10^3 \\ 1 \cdot 10^4 \\ 1.1 \cdot 10^4 \\ \vdots \end{bmatrix}$$

$f(t) := \left(\frac{Qex}{2}\right) \cdot \left(1 - \cos\left(\frac{(t \cdot \pi)}{Tp}\right)\right)$

$g(t) := 4.34 \cdot Qex \cdot \exp\left(-1.30 \cdot \left(\frac{t}{Tp}\right)\right)$

$q(t) := \text{if}\left(t \le 1.25 \cdot Tp, f(t), g(t)\right)$

$Vpre := \int_0^{86400} q(t)\,dt = 85710.672 \quad cf$





Proposed Conditions

| | | |
|---|---|---|
| Area (ac) | $A := 6.92$ | IDF Coefficients |
| Area Impervious (ac) | $Apave := 1.33$ | $i_{100}$ (in/hr) |
| | | $e := 0.533$ |
| C coefficient pavement | $Cpave := 0.90$ | $b := 46.316$ |
| Area grass (ac) | $Agrass := A - Apave = 5.59$ | $d := 1.555$ |
| C coefficient grass | $Cgrass := 0.20$ | |
| C coefficient developed | $Cdev := \frac{(Cgrass \cdot Agrass + Cpave \cdot Apave)}{A} = 0.335$ | |
| Slope (ft/ft) | .001 | |
| Overland Flow Path (ft) | 400 | |
| Channelized Flow Path (ft) | 250 | |

$T_{ov}$ (min) $\quad 0.828 \cdot (400 \cdot 0.40)^{0.467} \cdot (0.001)^{-0.235} = 44.911$

V (ft/s) $\quad 16.135 \sqrt{0.001} = 0.51$

$T_{ch}$ (min) $\quad \frac{250}{(60 \cdot .51)} = 8.17$ $\quad Cf := 1.25$

$T_c$ (min) $\quad Tc := 44.911 + 8.17 = 53.081$

$i := \frac{b}{(d + Tc)^e} = 5.491$ Adjustment Factor

$Qd := Cf \cdot Cdev \cdot i \cdot A = 15.89$





Proposed Hydrograph

Rainfall P (in) $\quad P := 17$ 100 Year, 24 Hour, Rainfall

Volume V (cf) $\quad V := \left(\frac{P}{12}\right) \cdot A \cdot 43560 \cdot Cdev = 142858.65$

Time to Peak (sec) $\quad Tpdev := \frac{V}{(1.39 \cdot Qd)} = 6468.088$

$t := 0, 1000 .. 86400 =$

$$\begin{bmatrix} 0 \\ 1 \cdot 10^3 \\ 2 \cdot 10^3 \\ 3 \cdot 10^3 \\ 4 \cdot 10^3 \\ 5 \cdot 10^3 \\ 6 \cdot 10^3 \\ 7 \cdot 10^3 \\ 8 \cdot 10^3 \\ 9 \cdot 10^3 \\ 1 \cdot 10^4 \\ 1.1 \cdot 10^4 \\ \vdots \end{bmatrix}$$

$f(t) := \left(\frac{Qd}{2}\right) \cdot \left(1 - \cos\left(\frac{(t \cdot \pi)}{Tpdev}\right)\right)$

$g(t) := 4.34 \cdot Qd \cdot \exp\left(-1.30 \cdot \left(\frac{t}{Tpdev}\right)\right)$

$qd(t) := \text{if}\left(t \le 1.25 \cdot Tpdev, f(t), g(t)\right)$

$Vdev := \int_0^{86400} qd(t)\,dt = 143367.201 \quad cf$





$f(t) := (qd(t) - q(t)) \cdot 1$

$v(t) := \text{if}(f(t) > 0, f(t), 0)$

$Vstore := \frac{\left(\int_0^{86400} v(t)\,dt\right)}{43560} = 1.324 \quad ac - ft$



## GENERAL NOTES

## LEGEND

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Conroe, TX 77304
Tel: 936.756.3041

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90252
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Michelle A. Patton
12/9/2025

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MPCE, LLC
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F-22744

CITY OF ANGLETON

# ABIGAIL ARIAS PARK

PROJECT NO. 1514.003

301 Cemetery Road

1 INCH

IF THIS LINE DOES NOT MEASURE ONE INCH THIS DRAWING IS NOT TO SCALE AND SHOULD NOT BE SCALED FOR DIMENSIONAL INFORMATION.

DESIGNER | MAP
DRAWER | MAP
CHECKER | MAP

**ISSUANCES & REVISIONS**

| NO. | DESCRIPTION | DATE |
|---|---|---|
| | | |

0 30' ft 60' ft

SCALE: 1" INCH = 30' FEET

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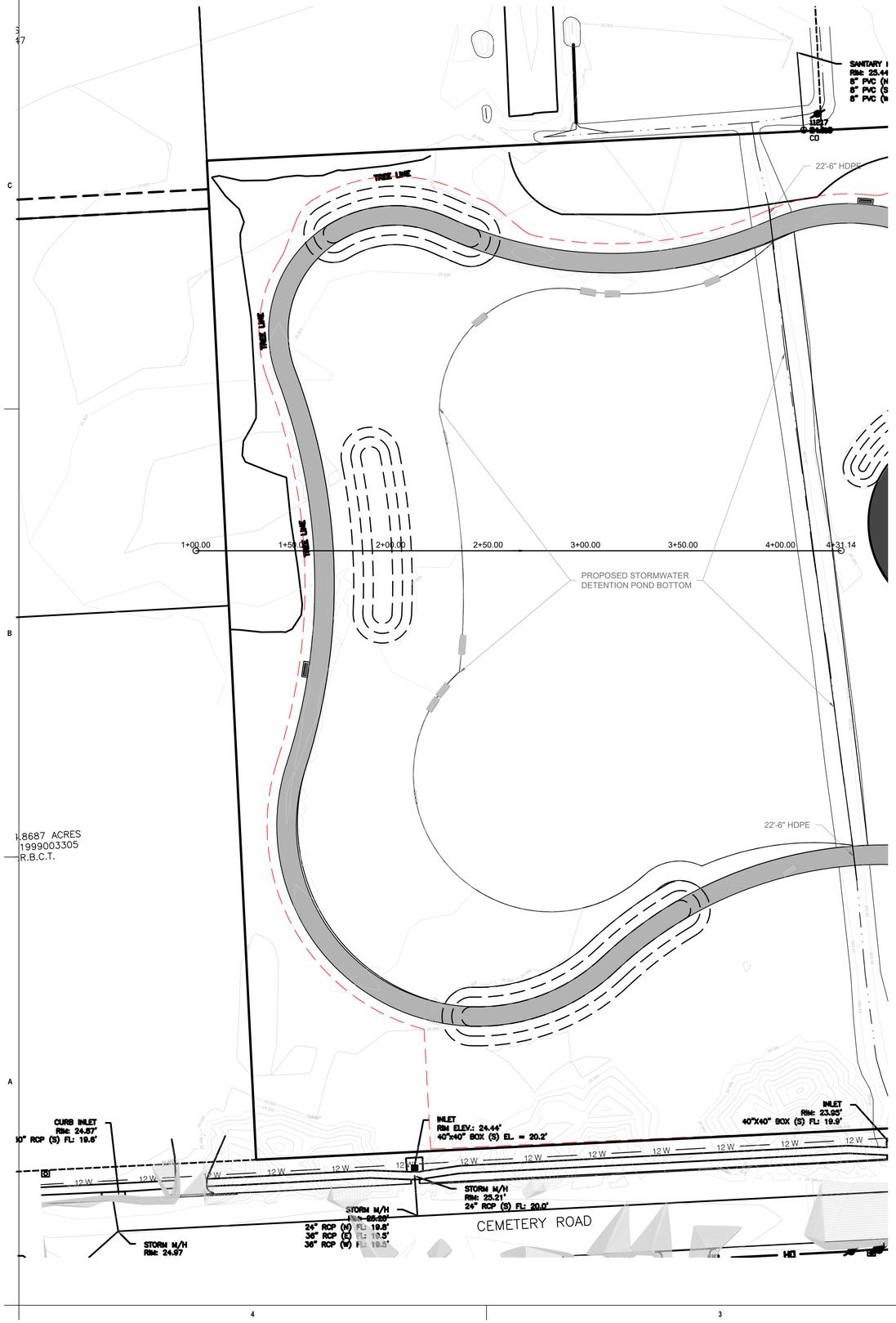
**HYDRAULIC CALCULATIONS**

**C1.03**

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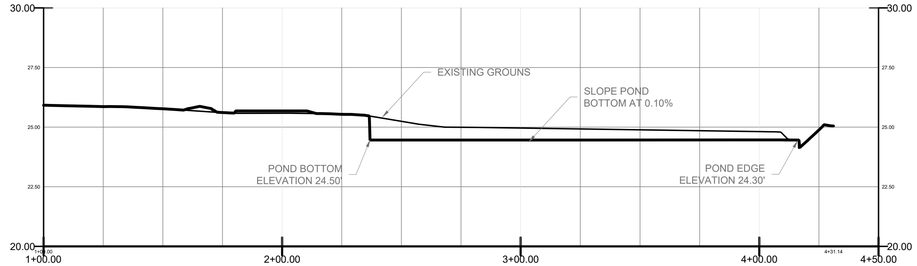


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DETENTION STORAGE VOLUME REQUIREMENTS
REQUIRED VOLUME: 1.324 AC-FT
VOLUME PROVIDED: 1.55 AC-FT

PROPOSED STORMWATER DETENTION POND
TYPICAL SECTION
1:30' HORIZONTAL 1:3' VERTICAL




## GENERAL NOTES

## LEGEND

0 30' ft 60' ft

SCALE: 1" INCH = 30' FEET

N

BURDITT
Land|Place
310 Longmire Road
Conroe, TX 77304
Tel: 936.756.3041

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PROFESSIONAL ENGINEER

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12/9/2025

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F-22744

CITY OF ANGLETON

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CHECKER | MAP

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## POND LAYOUT

# C1.04

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C.C.F.N. 2006040769
O.P.R.B.C.T.

CONNECT 4" SANITARY SEWER TO EXISTING MH FL=23.20'

SANITARY M/H
Rim: 25.44'
8" PVC (N) FL: 22.0'
8" PVC (S) FL: 22.1'
8" PVC (W) FL: 23.2'

TREE LINE

PROPOSED 4" SANITARY SEWER

PROPOSED 4" CLEAN OUT

PROPOSED 4" CLEAN OUT

PROPOSED 4" SANITARY SEWER

PROPOSED 4" CLEAN OUT

PROPOSED 2" WATER LINE

PROPOSED IRRIGATION LINE

PROPOSED 2" WATER LINE

PROPOSED 2" WM & BACKFLOW PREVENTOR

PROPOSED 2" WM & BACKFLOW PREVENTOR

CALLED 2.50 ACRES
VOL. 950, PG. 901
D.R.B.C.T.

.8687 ACRES
1999003305
.R.B.C.T.

CURB INLET
Rim: 24.87'
0" RCP (S) FL: 19.6'

INLET
RIM ELEV.: 24.44'
40"x40" BOX (S) EL. = 20.2'

INLET
Rim: 23.95'
40"X40" BOX (S) FL: 19.9'

STORM M/H
Rim: 24.48'
24" RCP (S) FL: 19.6'

INLET
Rim : 23.44'
BOX (S) FL: 20.0'

STORM M/H
Rim: 25.21'
24" RCP (S) FL: 20.0'

STORM M/H
Rim: 25.20'
24" RCP (W) FL: 19.5'
36" RCP (E) FL: 19.5'
36" RCP (W) FL: 19.5'

STORM M/H
Rim: 24.97
UNABLE TO OPEN

STORM M/H
Rim: 24.35'
24" RCP (N) FL: 19.4'
42" RCP (E) FL: 18.9'
36" RCP (W) FL: 19.2'

STORM M/H
Rim : 24.13'
24" RCP (S) FL: 20.0'

STORM M/H
RIM ELEV.: 24.11'
24" RCP (N) EL. = 19.9'
42" RCP (E) EL. = 18.7'
18" RCP (S) EL. = 18.9'
42" RCP (W) EL. = 18.6'

INLET
RIM : 24.30'
18" RCP (N) FL: 19.2'

41239
24.484
BLRD

41227
24.682
BLRD

PROPOSED 12"X2" TS&V

PROPOSED 12"X2" TS&V

CEMETERY ROAD

CEMETERY ROAD

0 30' ft 60' ft

SCALE: 1" INCH = 30' FEET

N

## GENERAL NOTES

## LEGEND

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CITY OF ANGLETON

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PROJECT NO. 1514.003

301 Cemetery Road

1 INCH

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DESIGNER | MAP
DRAWER | MAP
CHECKER | MAP

**ISSUANCES & REVISIONS**

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|---|---|---|
| | | |

## UTILITY PLAN

# C1.05

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C.C.F.N. 2006040769
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SANITARY M/H
RIM: 25.44'
8" PVC (N) FL: 22.0'
8" PVC (S) FL: 22.1'
8" PVC (W) FL: 23.2'

TREE LINE

CALLED 2.50 ACRES
VOL. 950, PG. 901
D.R.B.C.T.

1+00.00 1+50.00 2+00.00 2+50.00 3+00.00 3+50.00 4+00.00 4+31.14

.8687 ACRES
1999003305
.R.B.C.T.

CURB INLET
RIM: 24.87'
0" RCP (S) FL: 19.6'

INLET
RIM ELEV.: 24.44'
40"x46" BOX (S) EL.: 20.3'

STORM M/H
RIM: 25.21'
24" RCP (S) FL: 20.0'

STORM M/H
RIM: 25.69'
24" RCP (N) FL: 19.5'
36" RCP (E) FL: 19.5'
36" RCP (W) FL: 19.5'

STORM M/H
RIM: 24.97'
UNABLE TO OPEN

INLET
RIM: 23.95'
40"X46" BOX (S) FL: 19.9'

STORM M/H
RIM: 24.48'
24" RCP (S) FL: 19.6'

TFA
BSA
CTW
CHI

STORM M/H
RIM: 24.64'
24" RCP (N) FL: 19.4'
42" RCP (E) FL: 18.9'
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INLET
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INLET
RIM : 24.30'
18" RCP (N) FL: 19.2'

CEMETERY ROAD
CEMETERY ROAD

41227
BLRD
41227
BLRD

## GENERAL NOTES

## LEGEND

- SCF — SEDIMENT CONTROL FENCE
- IPB-I — INLET PROTECTION BARRIER PHASE I
- IPB-II — INLET PROTECTION BARRIER PHASE II
- RFD-TYPE — ROCK FILTER DAM
- CWW — CONCRETE TRUCK WASHOUT
- CE-1 — CONSTRUCTION ENTRANCE
- TFA — TEMPORARY FUELING AREA
- BSA — BARREL STORAGE AREA

0 30' ft 60' ft

SCALE: 1" INCH = 30' FEET

N

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|---|---|---|
| | | |

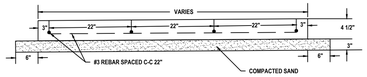
**STORMWATER POLLUTION PREVENTION PLAN**

# C1.06

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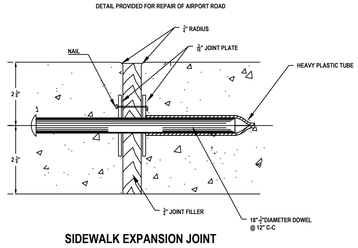


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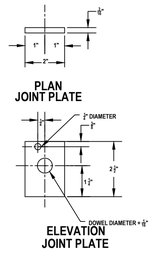


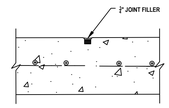

**CONCRETE SIDEWALK**

1. REINFORCING STEEL SHALL BE fc'=2,500 PSI f=60,000 PSI
2. 6X6-W2.9XW2.9 WELDED WIRE FABRIC MAY BE USED IN LIEU OF REINFORCING STEEL.
3. EXPANSION JOINTS SPACED AT 40 FEET MAXIMUM OR AS SHOWN ON PLANS.
4. SIDEWALK CROSS SLOPE SHALL BE 1:50 MAXIMUM. SEE GRADING PLAN FOR DIRECTION OF CROSS SLOPE.
5. CONSTRUCT SIDEWALK TO MAINTAIN DRAINAGE AWAY FROM PROPOSED BUILDINGS.



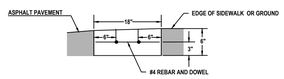

**SIDEWALK EXPANSION JOINT**



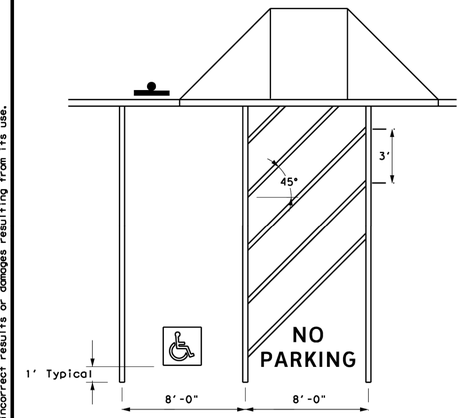

**CONTRACTION JOINT**

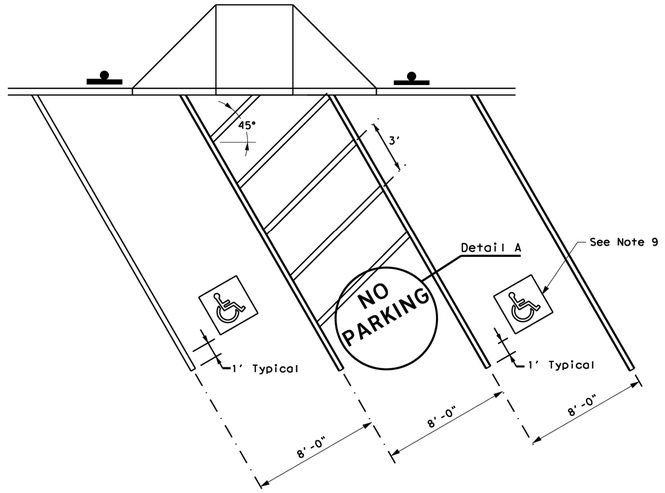
1. STEEL SHALL MEET ASTM STANDARDS
2. EXPANSION JOINT SHALL BE PLACED AT CURB RADIUS
3. EXPANSION JOINT SHALL BE SPACED A MAXIMUM OF 24 FEET
4. CONTRACTION JOINTS SHALL BE SPACED A MAXIMUM OF 12 FEET
5. DOWEL SHALL BE CENTERED HORIZONTALLY ON THE JOINT
6. DOWEL SHALL BE CENTERED VERTICALLY IN CONCRETE WITH A MINIMUM 2" COVER




**RIBBON CURB DETAIL**

1. CONSTRUCT CURB TO DRAIN TOWARDS PAVEMENT. SEE GRADING PLAN FOR FRONT OF CURB ELEVATIONS.
2. ALL WORK AND MATERIAL SHALL CONFORM TO ASTM A615, A615m, C309, AND D1752. BROOM FINISH EXPOSED SURFACE.
3. CURB SHALL HAVE A MINIMUM OF 4" COMPACTED FLEXIBLE BASE BETWEEN BOTTOM OF CURB AND TOP SUBGRADE THAT SHALL EXTEND A MINIMUM OF 18 INCHES BEHIND BACK OF CURB.
4. CURB SHALL CONFORM TO DETAIL INDEPENDENT OF THE CONSTRUCTION METHODS USED.




PERPENDICULAR OR ANGLED ACCESSIBLE PARKING SPACE DIMENSIONS

## GENERAL NOTES:

1. All paved accessible parking space limit lines shall be 4" solid white lines.
2. Paved accessible parking spaces must include a white International Symbol of Accessibility applied conspicuously on the surface in a color that contrasts the pavement. A blue background with white border may supplement the symbol for additional contrast.
3. The words "NO PARKING" must be applied on any access aisle adjacent to the parking space. The words must be white, applied:
   a) in all capital letters.
   b) centered within each access aisle adjacent to the parking space.
4. RESERVED PARKING (R7-8T) sign including the International Symbol of Accessibility.
   a) shall be REQUIRED for each accessible parking space.
   b) shall NOT be placed between two accessible parking spaces.
   c) shall NOT be placed in a location that restricts movement of wheelchairs within the adjacent sidewalk.
   d) shall have a mounting height of 7 feet to the bottom of the sign.
5. A sign identifying the consequences of parking illegally in a paved accessible parking space. Must:
   a) at a minimum state "VIOLATORS SUBJECT TO FINE AND TOWING" (Plaque)(R7-8aPT).
   b) be mounted on a pole, post, wall or freestanding board.
   c) be no more than eight inches (8") below sign R7-8T a sign required by the Texas Accessibility Standards, 502.6.
   d) be installed so that the bottom edge of the sign is no lower than 48 inches and no higher than 80 inches above the ground level.
6. Signs identifying van parking spaces shall contain the designation "VAN ACCESSIBLE" (R7-8P) Signs shall be 60 inches minimum above the ground level measured to the bottom of the sign.
7. Perpendicular or angled parking spaces shall be 8 feet wide minimum with an access aisle 8 feet minimum wide (van accessible). Two parking spaces are permitted to share a common access aisle.
8. Access aisles shall be at street level, extend the full length of the parking space they serve, follow ADA surface requirements, and marked to discourage parking in the access aisle. Curb ramps shall connect the access aisle to the adjacent pedestrian access route. Curb ramps shall not be located within the access aisle.
9. International Symbol of Accessibility Parking Space Marking and sign details can be found in The Standard Highway Sign Designs for Texas (SHSD) at the following website. http://www.txdot.gov/




R7-8T




R7-8P




R7-8aPT

ACCESSIBLE PARKING SIGNS




Detail A

| ALUMINUM SIGN BLANKS THICKNESS | |
|---|---|
| Square Feet | Minimum Thickness |
| Less than 7.5 | 0.080 |
| 7.5 to 15 | 0.100 |
| Greater than 15 | 0.125 |

| DEPARTMENTAL MATERIAL SPECIFICATIONS | |
|---|---|
| ALUMINUM SIGN BLANKS | DMS-7110 |
| TRAFFIC PAINT | DMS-8200 |
| HOT APPLIED THERMOPLASTIC | DMS-8220 |
| PERMANENT PREFABRICATED PAVEMENT MARKINGS | DMS-8240 |
| SIGN FACE MATERIALS | DMS-8300 |

Texas Department of Transportation — Traffic Safety Division Standard

**PAVEMENT MARKINGS AND SIGNING FOR ACCESSIBLE PARKING**

**PM(AP)-21**

| FILE: pm(ap)-21 | DN: TxDOT | CK: TxDOT | DW: TxDOT | CK: TxDOT |
|---|---|---|---|---|
| © TxDOT July 2021 | CONT | SECT | JOB | HIGHWAY |
| REVISIONS | | | | |
| | DIST | COUNTY | | SHEET NO. |
| 22F | | | | |

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## GENERAL NOTES

## LEGEND


BURDITT Land | Place
310 Longmire Road
Conroe, TX 77304
Tel: 936.756.3041



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ISSUANCE:

**100% BID & PERMIT SET**

12/10/2025

SEAL:




Michelle A. Patton
12/9/2025


MPCE Civil Engineering
MPCE, LLC
20333 SH 249, SUITE 200
HOUSTON, TX 77070
F-22744


CITY OF ANGLETON

**ABIGAIL ARIAS PARK**

PROJECT NO. 1514.003

301 Cemetery Road

0 30' ft 60' ft

SCALE: 1" INCH = 30' FEET

N

1 INCH

IF THIS LINE DOES NOT MEASURE ONE INCH THIS DRAWING IS NOT TO SCALE AND SHOULD NOT BE SCALED FOR DIMENSIONAL INFORMATION.

DESIGNER | MAP
DRAWER | MAP
CHECKER | MAP

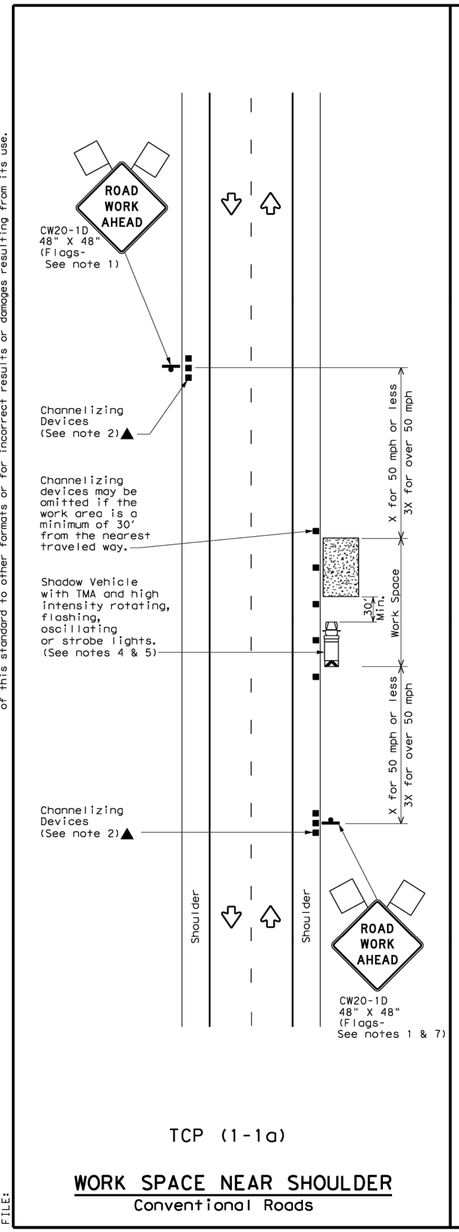
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**MISCELLANEOUS DETAILS**

**C5.01**

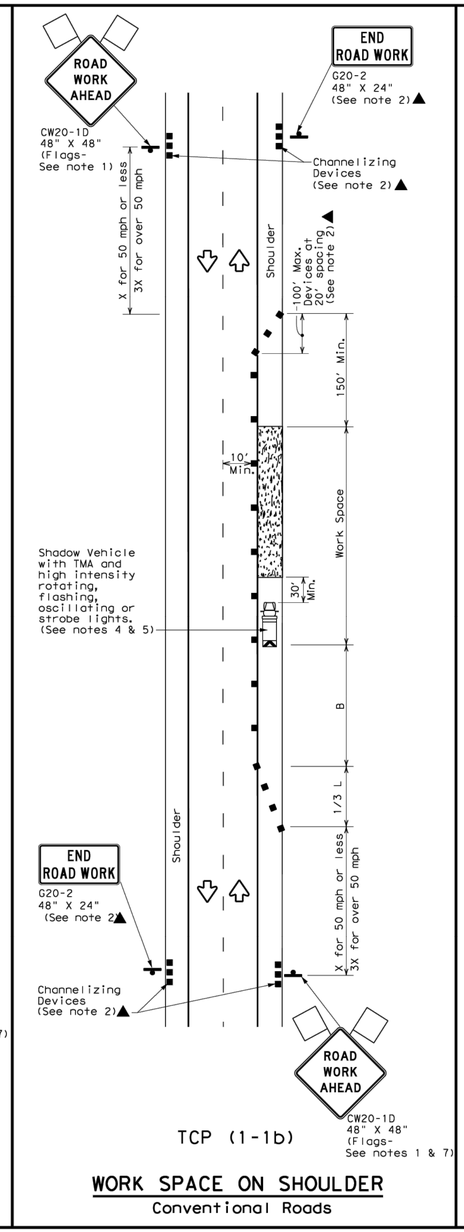

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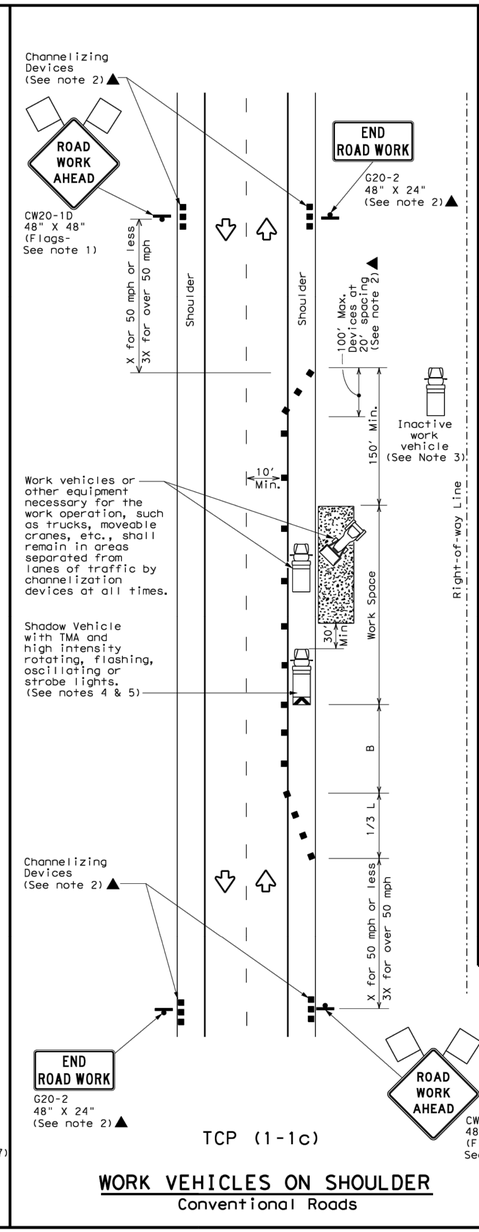

TCP (1-1a)

## WORK SPACE NEAR SHOULDER
Conventional Roads




TCP (1-1b)

## WORK SPACE ON SHOULDER
Conventional Roads




TCP (1-1c)

## WORK VEHICLES ON SHOULDER
Conventional Roads

DATE:
FILE:

### LEGEND

| | | | |
|---|---|---|---|
| | Type 3 Barricade | | Channelizing Devices |
| | Heavy Work Vehicle | | Truck Mounted Attenuator (TMA) |
| | Trailer Mounted Flashing Arrow Board | M | Portable Changeable Message Sign (PCMS) |
| | Sign | | Traffic Flow |
| | Flag | | Flagger |

| Posted Speed * | Formula | Minimum Desirable Taper Lengths ** 10' Offset | 11' Offset | 12' Offset | Suggested Maximum Spacing of Channelizing Devices On a Taper | On a Tangent | Minimum Sign Spacing "X" Distance | Suggested Longitudinal Buffer Space "B" |
|---|---|---|---|---|---|---|---|---|
| 30 | $L=\frac{WS^2}{60}$ | 150' | 165' | 180' | 30' | 60' | 120' | 90' |
| 35 | | 205' | 225' | 245' | 35' | 70' | 160' | 120' |
| 40 | | 265' | 295' | 320' | 40' | 80' | 240' | 155' |
| 45 | L=WS | 450' | 495' | 540' | 45' | 90' | 320' | 195' |
| 50 | | 500' | 550' | 600' | 50' | 100' | 400' | 240' |
| 55 | | 550' | 605' | 660' | 55' | 110' | 500' | 295' |
| 60 | | 600' | 660' | 720' | 60' | 120' | 600' | 350' |
| 65 | | 650' | 715' | 780' | 65' | 130' | 700' | 410' |
| 70 | | 700' | 770' | 840' | 70' | 140' | 800' | 475' |
| 75 | | 750' | 825' | 900' | 75' | 150' | 900' | 540' |

* Conventional Roads Only
** Taper lengths have been rounded off.
L=Length of Taper(FT) W=Width of Offset(FT) S=Posted Speed(MPH)

### TYPICAL USAGE

| MOBILE | SHORT DURATION | SHORT TERM STATIONARY | INTERMEDIATE TERM STATIONARY | LONG TERM STATIONARY |
|---|---|---|---|---|
| | ✓ | ✓ | | |

### GENERAL NOTES

1. Flags attached to signs where shown are REQUIRED.
2. All traffic control devices illustrated are REQUIRED, except those denoted with the triangle symbol may be omitted when stated elsewhere in the plans, or for routine maintenance work, when approved by the Engineer.
3. Inactive work vehicles or other equipment should be parked near the right-of-way line and not parked on the paved shoulder.
4. A Shadow Vehicle with a TMA should be used anytime it can be positioned 30 to 100 feet in advance of the area of crew exposure without adversely affecting the performance or quality of the work. If workers are no longer present but road or work conditions require the traffic control to remain in place, Type 3 Barricades or other channelizing devices may be substituted for the Shadow Vehicle and TMA.
5. Additional Shadow Vehicles with TMAs may be positioned off the paved surface, next to those shown in order to protect wider work spaces.
6. See TCP(5-1) for shoulder work on divided highways, expressways and freeways.
7. CW21-5 "SHOULDER WORK" signs may be used in place of CW20-1D "ROAD WORK AHEAD" signs for shoulder work on conventional roadways.

Texas Department of Transportation — Traffic Operations Division Standard

# TRAFFIC CONTROL PLAN CONVENTIONAL ROAD SHOULDER WORK

## TCP(1-1)-18

| FILE: tcp1-1-18.dgn | DN: | CK: | DW: | CK: |
|---|---|---|---|---|
| © TxDOT December 1985 | CONT | SECT | JOB | HIGHWAY |
| REVISIONS 2-94 4-98 8-95 2-12 1-97 2-18 | DIST | COUNTY | | SHEET NO. |

151

0 30' ft 60' ft
SCALE: 1" INCH = 30' FEET

N

GENERAL NOTES

LEGEND

BURDITT Land|Place
310 Longmire Road
Conroe, TX 77304
Tel: 936.756.3041

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ISSUANCE:

**100% BID & PERMIT SET**

12/10/2025

SEAL:

STATE OF TEXAS — MICHELLE A. PATTON — 90252 — REGISTERED PROFESSIONAL ENGINEER

Michelle A. Patton 12/9/2025

MPCE Civil Engineering
MPCE, LLC
20333 SH 249, SUITE 200
HOUSTON, TX 77070
F-22744

CITY OF ANGLETON

**ABIGAIL ARIAS PARK**

PROJECT NO. 1514.003

301 Cemetery Road

1 INCH
IF THIS LINE DOES NOT MEASURE ONE INCH THIS DRAWING IS NOT TO SCALE AND SHOULD NOT BE SCALED FOR DIMENSIONAL INFORMATION.

DESIGNER | MAP
DRAWER | MAP
CHECKER | MAP

ISSUANCES & REVISIONS

| NO. | DESCRIPTION | DATE |
|---|---|---|

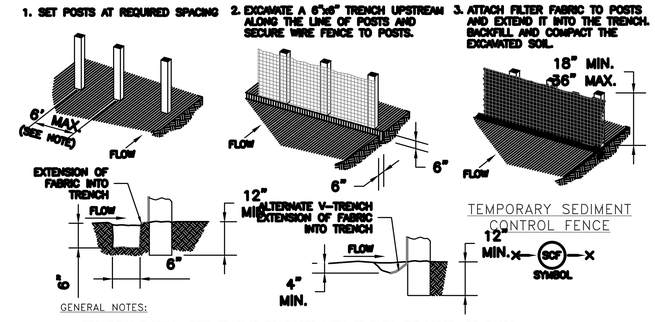
**TRAFFIC CONTROL PLAN DETAILS**

**C5.02**



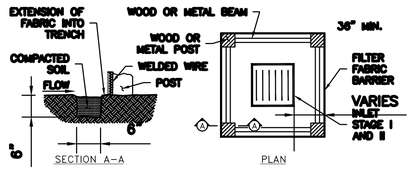
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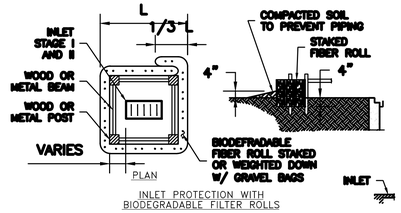
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GENERAL NOTES:

1. SECURELY FASTEN MESH FENCING TO POSTS WITH STAPLES, TIE WIRES, OR RINGS.
2. SECURELY FASTEN FILTER FABRIC TO MESH FENCING.
3. WHEN TWO SECTIONS OF FILTER FABRIC ADJOIN EACH OTHER, OVERLAP 6 INCHES AT A POST, FOLD TOGETHER, AND ATTACH TO A POST.
4. REMOVE SEDIMENT DEPOSITS WHEN SILT REACHES ONE-THIRD OF THE HEIGHT OF THE FENCE IN DEPTH.



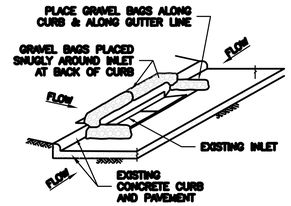




GENERAL NOTES:

1. BIODEGRADABLE FIBER ROLLS WILL BE UTILIZED ONLY WHEN SITE CONDITIONS DO NOT PERMIT THE USE OF FILTER FABRIC BARRIER AND AS APPROVED BY THE ENGINEER.

INLET PROTECTION BARRIERS FOR STAGE I INLETS

IPB SYMBOL

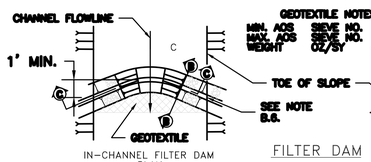


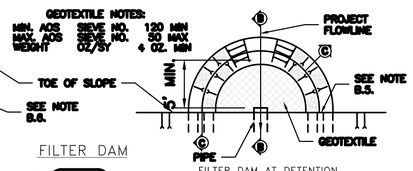

INLET PROTECTION BARRIERS FOR STAGE II INLETS

IPB-II SYMBOL

GENERAL NOTES:

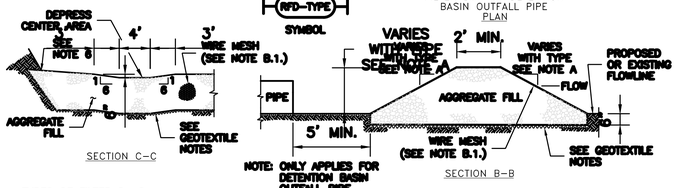
1. REMOVE SEDIMENT DEPOSIT WHEN THE SEDIMENT HAS ACCUMULATED TO ONE-THIRD THE HEIGHT OF THE BARRIER.
2. GRAVEL BAGS SHALL NOT BLOCK THROAT OF INLET UNLESS DIRECTED BY ENGINEER.




FILTER DAM

RFD-TYPE SYMBOL

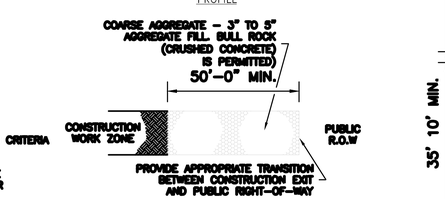



A. TYPES OF FILTER DAMS

1. TYPE 1 (NON-REINFORCED)
   a. HEIGHT – 18-24 INCHES. MEASURE VERTICALLY FROM EXISTING GROUND TO TOP OF FILTER DAM.
   b. TOP WIDTH – 2 FEET (MINIMUM)
   c. SLOPES – 2:1 (MAXIMUM).
2. TYPE 2 (REINFORCED).
   a. HEIGHT – 18-36 INCHES. MEASURE VERTICALLY FROM EXISTING GROUND TO TOP OF FILTER DAM.
   b. TOP WIDTH – 2 FEET (MINIMUM).
   c. SLOPES – 2:1 (MAXIMUM).
3. TYPE 3 (REINFORCED)
   a. HEIGHT – 36-48 INCHES. MEASURE VERTICALLY FROM EXISTING GROUND TO TOP OF FILTER DAM.
   b. TOP WIDTH – 2 FEET (MINIMUM).
   c. SLOPES – 3:1 (MAXIMUM).
4. TYPE 4 (GABION)
   a. HEIGHT – 30 INCHES (MINIMUM). MEASURE VERTICALLY FROM EXISTING GROUND TO TOP OF FILTER DAM.
   b. TOP WIDTH – 2 FEET (MINIMUM).
5. TYPE 5. AS SHOWN ON THE PLANS.

B. CONSTRUCT FILTER DAMS ACCORDING TO THE FOLLOWING CRITERIA UNLESS SHOWN OTHERWISE ON THE PLANS.

1. TYPE 2 AND 3 FILTER DAMS: SECURE WITH 20 GAUGE GALVANIZED WOVEN WIRE MESH WITH 1 INCH DIAMETER HEXAGONAL OPENINGS.
2. PLACE AGGREGATE FILL ON THE WIRE MESH TO HEIGHT AND SLOPES SHOWN ON PLANS OR AS SPECIFIED BY THE ENGINEER.
   a. 3-8 INCHES FOR ROCK FILTER DAM TYPES 1, 2 AND 4.
   b. 4-8 INCHES FOR ROCK FILTER DAM TYPE 3.
3. FOLD WIRE MESH AT UPSTREAM SIDE OVER AGGREGATE FILL AND TIGHTLY SECURED TO ITSELF ON THE DOWNSTREAM SIDE USING WIRE TIES OR RINGS.
4. IN STREAMS: SECURE OR STAKE MESH TO STREAM BED PRIOR TO AGGREGATE PLACEMENT.
5. EMBED ONE FOOT MINIMUM INTO SLOPE AND RAISE ONE FOOT HIGHER THAN CENTER OF DEPRESSED AREA AT SLOPE.

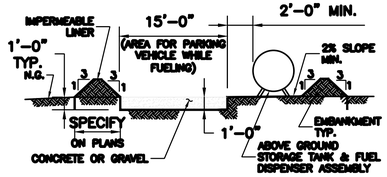



CONSTRUCTION EXIT

CE-1 SYMBOL

GENERAL NOTES:

1. MINIMUM LENGTH IS AS SHOWN ON CONSTRUCTION DRAWINGS OR 50 FEET, WHICHEVER IS MORE.
2. CONSTRUCT AND MAINTAIN CONSTRUCTION EXIT WITH CONSTANT WIDTH ACROSS ITS LENGTH, INCLUDING ALL POINTS OF INGRESS OR EGRESS.
3. UNLESS SHOWN ON THE CONSTRUCTION DRAWINGS, STABILIZATION FOR OTHER AREAS WILL HAVE THE SAME AGGREGATE THICKNESS AND WIDTH REQUIREMENTS AS THE CONSTRUCTION EXIT.
4. WHEN SHOWN ON THE CONSTRUCTION DRAWINGS, WIDEN OR LENGTHEN STABILIZED AREA TO ACCOMMODATE A TRUCK WASHING AREA. PROVIDE OUTLET SEDIMENT TRAP FOR THE TRUCK WASHING AREA.
5. PROVIDE PERIODIC TOP DRESSING WITH ADDITIONAL COARSE AGGREGATE TO MAINTAIN THE REQUIRED DEPTH OR WHEN SURFACE BECOMES PACKED WITH MUD.
6. PERIODICALLY TURN AGGREGATE TO EXPOSE A CLEAN DRIVING SURFACE.
7. MINIMUM 14 FEET WIDTH FOR ONE WAY TRAFFIC AND 20 FEET WIDTH FOR TWO WAY TRAFFIC.

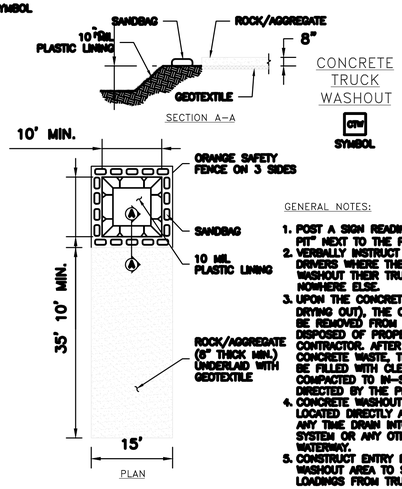



ABOVE GROUND TEMPORARY VEHICLE AND EQUIPMENT FUELING AREA WITH TANK

TFA SYMBOL

GENERAL NOTES:

1. THE SIZE OF TANK FOUNDATION AREA DEPENDS ON THE SIZE OF ABOVE GROUND STORAGE TANK AND DISPENSER ASSEMBLY.
2. PROVIDE A MINIMUM SLOPE OF 2% TOWARD THE SUMP PIT.
3. INSTALL IMPERMEABLE LINER AS PER MANUFACTURER'S RECOMMENDATIONS.

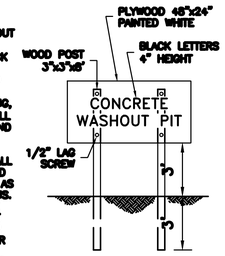


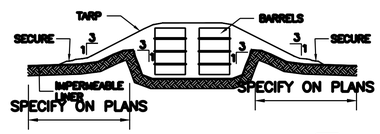

CONCRETE TRUCK WASHOUT

CTW SYMBOL

GENERAL NOTES:

1. POST A SIGN READING "CONCRETE WASHOUT PIT" NEXT TO THE PIT.
2. VERBALLY INSTRUCT THE CONCRETE TRUCK DRIVERS WHERE THE PIT IS AND TO WASHOUT THEIR TRUCKS IN THE PIT AND NOWHERE ELSE.
3. UPON THE CONCRETE SETTING UP (CURING, DRYING OUT), THE CONCRETE WASTE SHALL BE REMOVED FROM THE PROJECT SITE AND DISPOSED OF PROPERLY BY THE CONTRACTOR. AFTER REMOVAL OF THE CONCRETE WASTE, THE WASHOUT PIT SHALL BE FILLED WITH CLEAN FILL MATERIAL AND COMPACTED TO IN-SITU CONDITIONS, OR AS DIRECTED BY THE PROJECT SPECIFICATIONS.
4. CONCRETE WASHOUT PITS SHALL NOT BE LOCATED DIRECTLY ADJACENT TO, NOR AT ANY TIME DRAIN INTO THE STORM SEWER SYSTEM OR ANY OTHER SWALE, DITCH, OR WATERWAY.
5. CONSTRUCT ENTRY ROAD AND BOTTOM OF WASHOUT AREA TO SUPPORT EXPECTED LOADINGS FROM TRUCKS EQUIPMENT.




BARREL STORAGE AREA

BSA SYMBOL

GENERAL NOTES:

1. ALTERNATIVELY, STORE BARRELS IN AN ENCLOSED BUILDING OR SHED.
2. INSTALL IMPERMEABLE LINER AS PER MANUFACTURER'S RECOMMENDATIONS. 60 mil MINIMUM.
3. CONSTRUCT BERMED AREA WITH VOLUME GREATER THAN OR EQUAL TO 110% VOLUME OF BARRELS.

## GENERAL NOTES

## LEGEND

0 30' ft 60' ft

SCALE: 1" INCH = 30' FEET

N


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ISSUANCE:

**100% BID & PERMIT SET**

12/10/2025

SEAL:

STATE OF TEXAS · MICHELLE A. PATTON · 90252 · REGISTERED PROFESSIONAL ENGINEER

Michelle A. Patton 12/9/2025


MPCE Civil Engineering
MPCE, LLC
20333 SH 249, SUITE 200
HOUSTON, TX 77070
F-22744


CITY OF ANGLETON

**ABIGAIL ARIAS PARK**

PROJECT NO. 1514.003

301 Cemetery Road

1 INCH

IF THIS LINE DOES NOT MEASURE ONE INCH THIS DRAWING IS NOT TO SCALE AND SHOULD NOT BE SCALED FOR DIMENSIONAL INFORMATION.

DESIGNER | MAP
DRAWER | MAP
CHECKER | MAP

ISSUANCES & REVISIONS

| NO. | DESCRIPTION | DATE |
|---|---|---|
| | | |

**STORMWATER POLLUTION PREVENTION DETAILS**

**C5.03**


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FILE PATH: Z:\SHARED\PROJECTS\2025 ABIGAIL ARIAS PARK\CAD\ARIAS-PLANS.DWG | LAST SAVE DATE: 12/9/2025 1:33:42 PM | LAST SAVED BY: map2024

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Land | Place
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Tel: 936.756.3041

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ISSUANCE:

**BID & PERMIT SET**

SEAL:

REGISTERED LANDSCAPE ARCHITECT · STATE OF TEXAS · 2981

12/10/2025

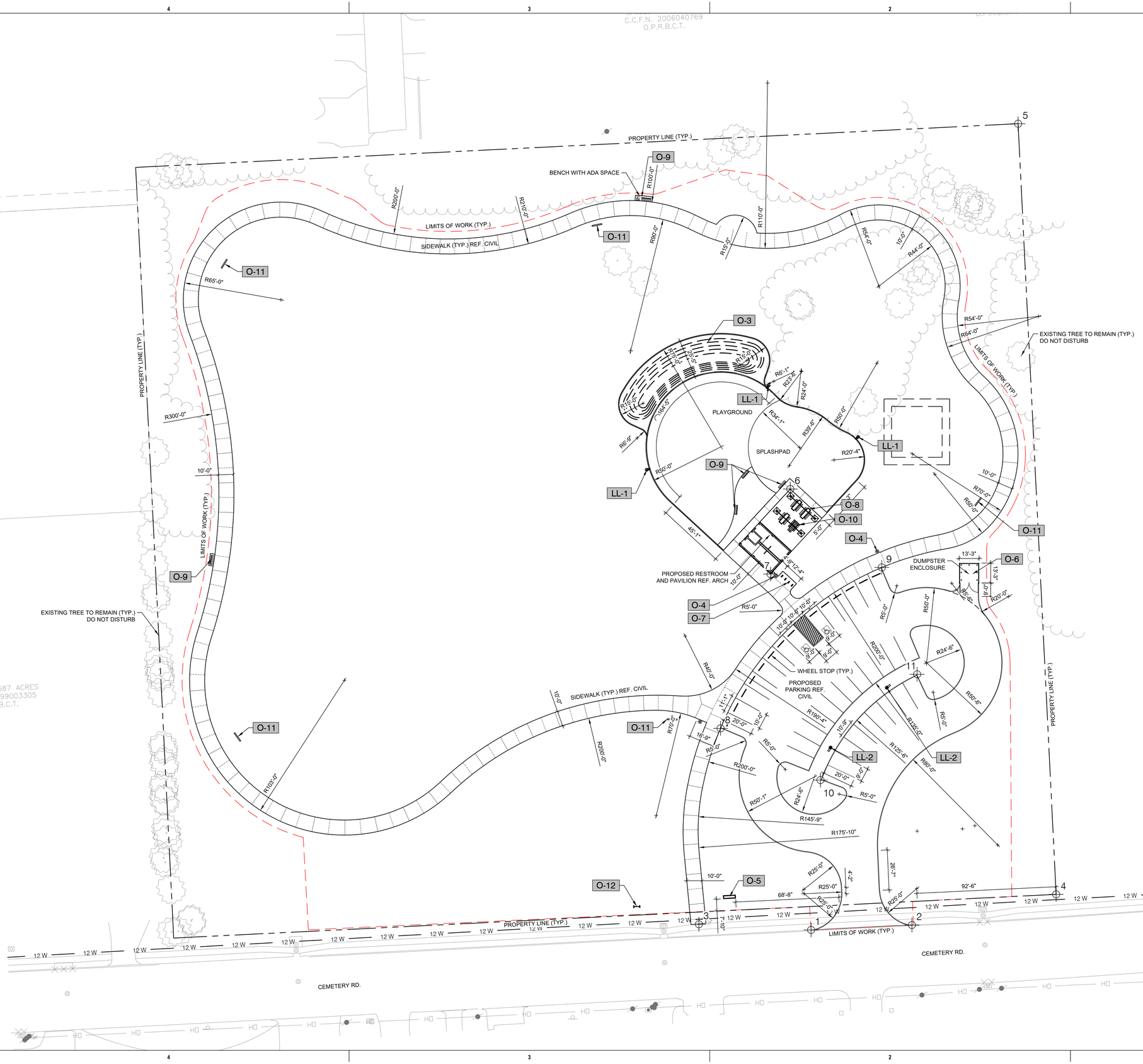
## NORTHING/EASTING POINT SCHEDULE

| POINT | NORTHING | EASTING |
|---|---|---|
| 1 | N 13619691.41304 | E 3108880.46668 |
| 2 | N 13619694.67592 | E 3108947.58465 |
| 3 | N 13619695.18376 | E 3108805.82752 |
| 4 | N 13619715.09535 | E 3109043.51792 |
| 5 | N 13620227.79078 | E 3109018.20351 |
| 6 | N 13619984.73844 | E 3108866.60709 |
| 7 | N 13619928.17949 | E 3108853.50125 |
| 8 | N 13619825.50493 | E 3108820.20061 |
| 9 | N 13619932.55655 | E 3108927.51148 |
| 10 | N 13619791.14315 | E 3108886.72117 |
| 11 | N 13619861.49631 | E 3108951.02717 |

LEGEND:

CONTRACTION JOINT

EXPANSION JOINT




## SCALE AND NORTH ARROW

0 30 ft 60 ft

SCALE: 1" = 30' - 0"

N

1 INCH

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DESIGNER | PDK, CTW
DRAWER | PDK
CHECKER | CTW

**ISSUANCES & REVISIONS**

| NO. | DESCRIPTION | DATE |
|---|---|---|
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CITY OF ANGLETON

# ABIGAIL ARIAS PARK

PROJECT NO. 1514.003

301 CEMETERY ROAD ANGLETON TX, 77515

**SITE DIMENSIONAL PLAN**

**L0.01**



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PLOTTED BY: pkelly

## HARDSCAPE SCHEDULE

| SYMBOL | CODE | DESCRIPTION | QTY | DETAIL | MANUFACTURER | MODEL | FINISH/COLOR | CONTACT | REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| LIGHTING | | | | | | | | | |
| | LL-1 | PEDESTRIAN LIGHT POLE | 3 | | LUMARK PRV | LUMARK PRV | GRAPHITE METALLIC | PHONE: 713.664.7111 | INSTALL PER MANUFACTURER'S RECOMENDATIONS. PROVIDE CUTCHEET FOR LANDSCAPE ARCHITECT'S APPROVAL PRIOR TO INSTALATION. REF. ELECTRICAL |
| | LL-2 | PARKING LOT LIGHT POLE | 2 | | LUMARK PRV | LUMARK PRV | GRAPHITE METALLIC | PHONE: 713.664.7111 | INSTALL PER MANUFACTURER'S RECOMENDATIONS. PROVIDE CUTCHEET FOR LANDSCAPE ARCHITECT'S APPROVAL PRIOR TO INSTALATION. REF. ELECTRICAL |
| OWNER FURNISHED | | | | | | | | | |
| | O-1 | SPLASHPAD | 3,643 sf | | VORTEX | PROJECT NUMBER: 43552 | - | - | OWNER FURNISHED AND OWNER INSTALLED. CONTRACTOR TO COORDINATE AND SCHEDULE WITH OWNER/VENDOR. |
| | O-2 | POUR IN PLACE | 5,973 sf | | DURAPLAY | DURAPLAY | DURAPLAY SURFACING SYSTEM | WWW.DURAPLAY.COM | OWNER FURNISHED AND OWNER INSTALLED. CONTRACTOR TO COORDINATE AND SCHEDULE WITH OWNER/VENDOR. |
| | O-3 | ARTIFICIAL TURF | 3,603 sf | | SYNLAWN | TXT48P | MEADOW GREEN | WWW.STRICKTLYGREENGRASS.COM | OWNER FURNISHED AND OWNER INSTALLED. CONTRACTOR TO COORDINATE AND SCHEDULE WITH OWNER/VENDOR. |
| | O-4 | TRASH RECEPTACLE | 3 | B4/L1.21 | BARCO PRODUCTS | CASSIDY RECEPTACLE/ 32 GAL. RAIN BONNET LID RECEPTACLE (08CL1425) | GALVANIZED STEEL/BLACK ONYX | EMAIL: SALES@BARCOPPRODUCTS.COM PHONE: (800) 338-2697 | OWNER FURNISHED AND OWNER INSTALLED. CONTRACTOR TO COORDINATE AND SCHEDULE WITH OWNER/VENDOR. |
| | O-5 | ENTRY SIGN | 1 | A2/L1.21 | COAST SIGNS | - | REF. DETAIL. PERMANENT TPWD SIGN INCLUDED WITH ENTRY SIGN. | - | OWNER FURNISHED AND OWNER INSTALLED. CONTRACTOR TO COORDINATE AND SCHEDULE WITH OWNER/VENDOR. |
| | O-6 | DUMPSTER ENCLOSURE | 1 | A2/L1.23 | - | - | REF. DETAIL | - | OWNER FURNISHED AND OWNER INSTALLED. CONTRACTOR TO COORDINATE AND SCHEDULE WITH OWNER/VENDOR. |
| | O-7 | BIKE RACK | 4 | C3/L1.21 | MADRAX | SURFACE MOUNTED METRO BIKE RACK | GALVANIZED | MADRAX.COM | OWNER FURNISHED AND OWNER INSTALLED. CONTRACTOR TO COORDINATE AND SCHEDULE WITH OWNER/VENDOR. |
| | O-8 | PICNIC TABLE | 3 | B3/L1.21 | BARCO PRODUCTS | WESTIN RECYCLED PLASTIC TABLE (8' -0" FOOT LENGTH) STANDARD MODEL (PT-76) | TABLE COLOR: BROWN FRAME COLOR: BLACK | EMAIL: SALES@BARCOPPRODUCTS.COM PHONE: (800) 338-2697 | OWNER FURNISHED AND OWNER INSTALLED. CONTRACTOR TO COORDINATE AND SCHEDULE WITH OWNER/VENDOR. |
| | O-9 | BENCH | 5 | A4/L1.21 | BARCO PRODUCTS | SILHOUETTE BENCH (6' -0" FOOT LENGTH) | FINISH: PREMIUM WOOD GRAIN MATERIAL: RECYCLED PLASTIC | EMAIL: SALES@BARCOPPRODUCTS.COM PHONE: (800) 338-2697 | OWNER FURNISHED AND OWNER INSTALLED. CONTRACTOR TO COORDINATE AND SCHEDULE WITH OWNER/VENDOR. |
| | O-10 | ADA PICNIC TABLE | 1 | A4/L1.23 | BARCO PRODUCTS | WESTIN WEELCHAIR ACCESSIBLE RECYCLED PLASTIC TABLE MODEL (PT-77) | TABLE COLOR: BROWN FRAME COLOR: BLACK | EMAIL: SALES@BARCOPPRODUCTS.COM PHONE: (800) 338-2697 | OWNER FURNISHED AND OWNER INSTALLED. CONTRACTOR TO COORDINATE AND SCHEDULE WITH OWNER/VENDOR. |
| | O-11 | WILDFLOWER AREA SIGN | 5 | C4/L1.21 | - | - | - | - | OWNER FURNISHED AND OWNER INSTALLED. CONTRACTOR TO COORDINATE AND SCHEDULE WITH OWNER/VENDOR. |
| | O-12 | CONSTRUCTION SIGN | 1 | A3/L1.23 | - | - | -- | - | OWNER FURNISHED AND OWNER INSTALLED. CONTRACTOR TO COORDINATE AND SCHEDULE WITH OWNER/VENDOR. |
| | O-13 | PLAYGROUND | | | - | PIP SURFACE, ARTIFICIAL TURF BERM, ARTIFICIAL TURF LAWN, 2-5 PLAYBOOSTER, 5-12 PLAYBOOSTER, BERM SLIDES, CLIMBING ROPES | - | BY OWNER | OWNER FURNISHED AND OWNER INSTALLED. CONTRACTOR TO COORDINATE AND SCHEDULE WITH OWNER/VENDOR. |


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ISSUANCE:

**BID & PERMIT SET**

SEAL:

REGISTERED LANDSCAPE ARCHITECT — STATE OF TEXAS

12/10/2025

CITY OF ANGLETON

# ABIGAIL ARIAS PARK

PROJECT NO. 1514.003

301 CEMETERY ROAD ANGLETON TX, 77515

1 INCH

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DESIGNER | PDK, CTW
DRAWER | PDK
CHECKER | CTW

**ISSUANCES & REVISIONS**

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|---|---|---|
| 01 | BID & PERMIT SET 01 | 12/10/2025 |

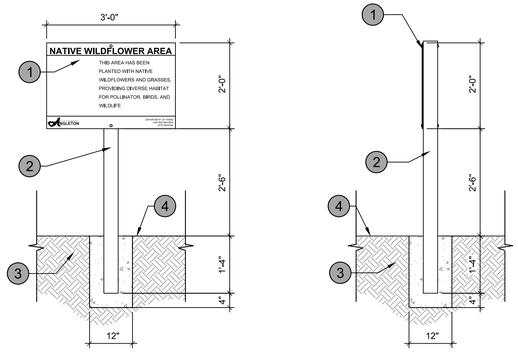
**HARDSCAPE SCHEDULE**

L1.20



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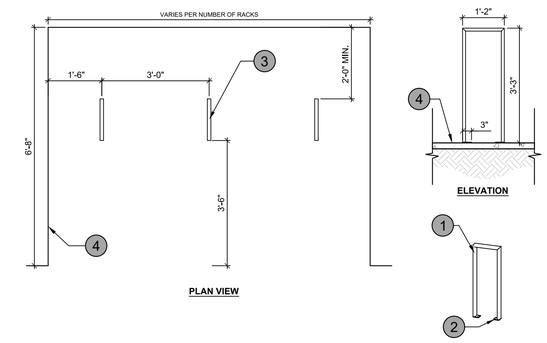
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1. 1/16" THICK ALUMINUM
2. 4X4 WESTERN RED CEDAR
3. COMPACTED SUBGRADE
4. FINISH GRADE

## C4 WILDFLOWER AREA

N.T.S.

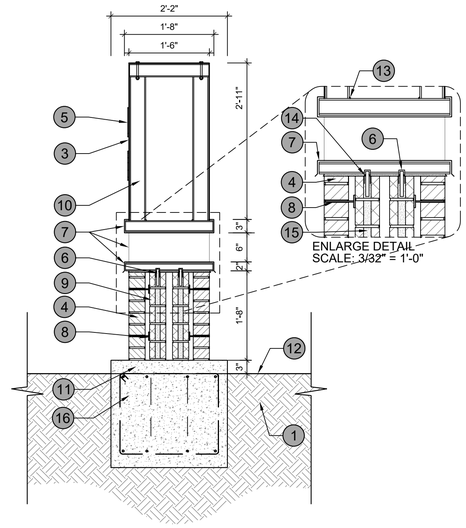


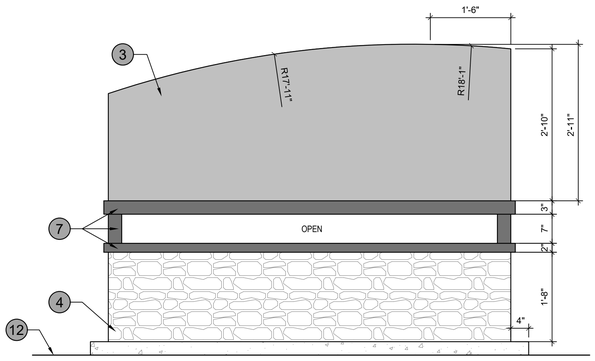

1. 1" X 3" STEEL OR STAINLESS STEEL TUBING
2. 1/4" X 3" FLANGE WITH 2 Ø 7/16" HOLES
3. BIKE RACK
4. CONCRETE PAD (PER PLANS)

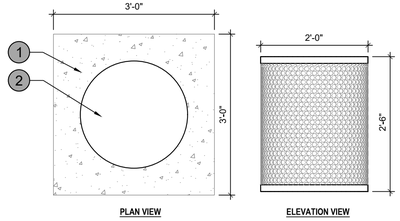
**NOTES**
1. INSTALL BIKE RACKS ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
2. FINISH: GALVANIZED
3. SEE SITE PLAN FOR LOCATION OR CONSULT OWNER.
4. PRODUCT: MET-2-IG(SF) DESCRIPTION: METRO BIKE RACK, 2 BIKE, SURFACE MOUNT

## C3 BIKE RACK

1/2" = 1'-0"



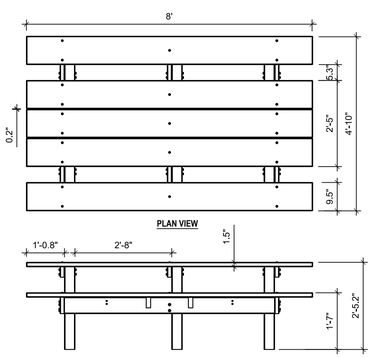




1. CONCRETE PAD
2. TRASH RECEPTACLE

**NOTES**
1. ANCHOR TABLE TO CONCRETE.
2. LEGS - 4X4 RECYCLED PLASTIC LUMBER
3. SEATS - 2X10 RECYCLED PLASTIC LUMBER
4. SEAT SUPPORTS - 2X6 RECYCLED PLASTIC LUMBER
5. TABLE TOP - 2X10 RECYCLED PLASTIC LUMBER
6. HARDWARE TO BE STAINLESS STEEL.
7. INSTALL PER MANUFACTURER'S RECOMMENDATIONS

## B4 TRASH RECEPTACLE

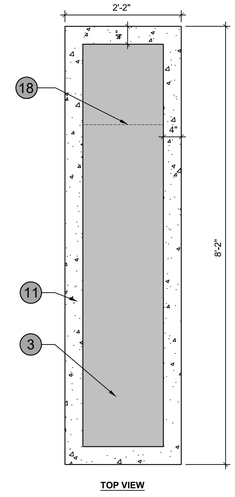
1/16" = 1'-0"

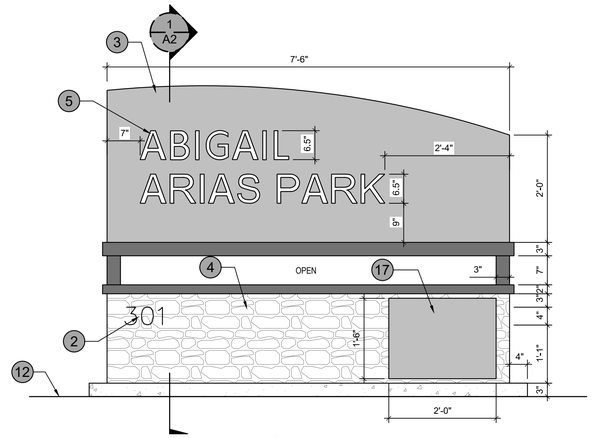


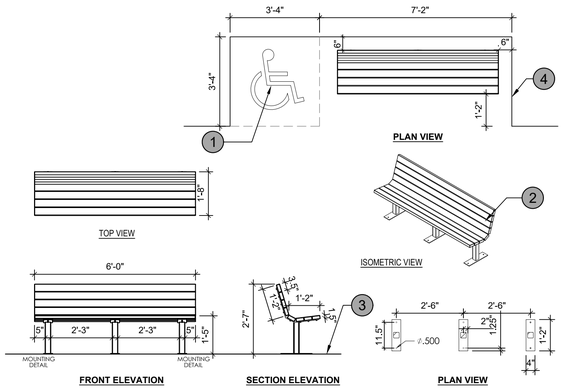

**NOTES**
1. ANCHOR TABLE TO CONCRETE.
2. LEGS - 4X4 RECYCLED PLASTIC LUMBER
3. SEATS - 2X10 RECYCLED PLASTIC LUMBER
4. SEAT SUPPORTS - 2X6 RECYCLED PLASTIC LUMBER
5. TABLE TOP - 2X10 RECYCLED PLASTIC LUMBER
6. HARDWARE TO BE STAINLESS STEEL.
7. INSTALL PER MANUFACTURER'S RECOMMENDATIONS

## B3 PICNIC TABLE

N.T.S.



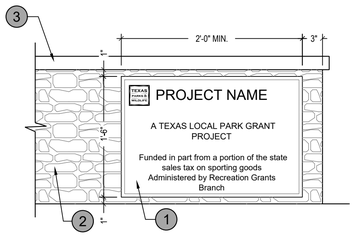




1. ADA SPACE - ADA MARKING FOR ILLUSTRATIVE PURPOSES ONLY
2. WOOD 6" BENCH
3. FINISH GRADE
4. CONCRETE PAD

**NOTES**
1. ANCHOR TABLE TO CONCRETE.
2. LEGS - 4X4 RECYCLED PLASTIC LUMBER
3. SEATS - 2X10 RECYCLED PLASTIC LUMBER
4. SEAT SUPPORTS - 2X6 RECYCLED PLASTIC LUMBER
5. TABLE TOP - 2X10 RECYCLED PLASTIC LUMBER
6. HARDWARE TO BE STAINLESS STEEL.
7. INSTALL PER MANUFACTURER'S RECOMMENDATIONS

## A4 BENCH

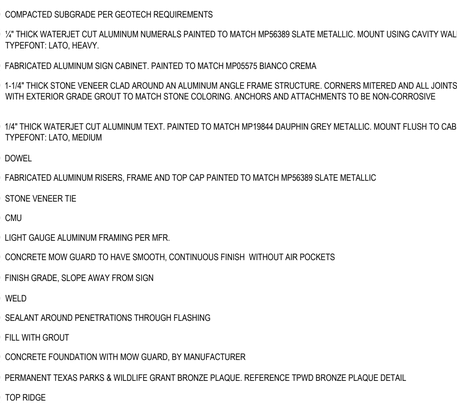
3/8" = 1'-0"




1. PERMANENT 18"x24" MIN. BRONZE PLAQUE 3/8" THICK WITH 1/2" BEVELED "PICTURE FRAME" EDGES. 3/16" RAISED LETTERING PER TPWD DEDICATION REQUIREMENTS. ATTACH WITH MASONRY SCREWS AND DECORATIVE BRONZE BUTTONS.
2. 1-1/4" THICK STONE VENEER CLAD, REFERENCE ENTRY SIGN DETAIL
3. FABRICATED ALUMINUM RISERS, REFERENCE ENTRY SIGN DETAIL

## A3 TPWD BRONZE PLAQUE

N.T.S.




1. COMPACTED SUBGRADE PER GEOTECH REQUIREMENTS
2. ½" THICK WATERJET CUT ALUMINUM NUMERALS PAINTED TO MATCH MP56389 SLATE METALLIC. MOUNT USING CAVITY WALL FIXINGS. TYPEFONT: LATO, HEAVY.
3. FABRICATED ALUMINUM SIGN CABINET. PAINTED TO MATCH MP05575 BIANCO CREMA
4. 1-1/4" THICK STONE VENEER CLAD AROUND AN ALUMINUM ANGLE FRAME STRUCTURE. CORNERS MITERED AND ALL JOINTS GROUTED WITH EXTERIOR GRADE GROUT TO MATCH STONE COLORING. ANCHORS AND ATTACHMENTS TO BE NON-CORROSIVE
5. 1/4" THICK WATERJET CUT ALUMINUM TEXT. PAINTED TO MATCH MP19844 DAUPHIN GREY METALLIC. MOUNT FLUSH TO CABINET FACE. TYPEFONT: LATO, MEDIUM
6. DOWEL
7. FABRICATED ALUMINUM RISERS, FRAME AND TOP CAP PAINTED TO MATCH MP56389 SLATE METALLIC
8. STONE VENEER TIE
9. CMU
10. LIGHT GAUGE ALUMINUM FRAMING PER MFR.
11. CONCRETE MOW GUARD TO HAVE SMOOTH, CONTINUOUS FINISH WITHOUT AIR POCKETS
12. FINISH GRADE, SLOPE AWAY FROM SIGN
13. WELD
14. SEALANT AROUND PENETRATIONS THROUGH FLASHING
15. FILL WITH GROUT
16. CONCRETE FOUNDATION WITH MOW GUARD, BY MANUFACTURER
17. PERMANENT TEXAS PARKS & WILDLIFE GRANT BRONZE PLAQUE. REFERENCE TPWD BRONZE PLAQUE DETAIL
18. TOP RIDGE

NOTE:
OWNER FINISHED AND OWNER INSTALLED ENTRY SIGH

## A2 ENTRY SIGN

3/4" = 1'-0"

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ISSUANCE:

**BID & PERMIT SET**

SEAL:

REGISTERED LANDSCAPE ARCHITECT · STATE OF TEXAS

12/10/2025

CITY OF ANGLETON

# ABIGAIL ARIAS PARK

PROJECT NO. 1514.003

301 CEMETERY ROAD ANGLETON TX, 77515

1 INCH

IF THIS LINE DOES NOT MEASURE ONE INCH THIS DRAWING IS NOT TO SCALE AND SHOULD NOT BE SCALED FOR DIMENSIONAL INFORMATION.

DESIGNER | PDK, CTW
DRAWER | PDK
CHECKER | CTW

**ISSUANCES & REVISIONS**

| NO. | DESCRIPTION | DATE |
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**HARDSCAPE DETAILS**

L1.21

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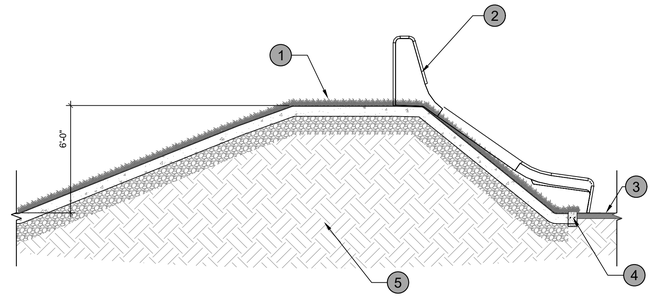
ISSUANCE:

**BID & PERMIT SET**

SEAL:



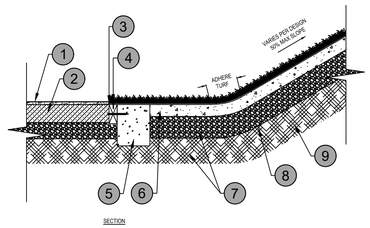

12/10/2025




1. ARTIFICIAL TURF
2. SLIDE
3. SURFACE
4. CONCRETE CURB
5. COMPACTED SUB BASE

## C3 6' TALL PLAY BERM X-SECTION

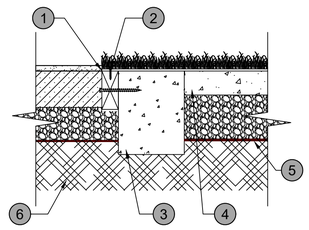
1/4" = 1'-0"




1. 1/2" EPDM WEARING COURSE
2. SBR CUSHION PER REQUIRED CRITICAL FALL HEIGHT
3. 2" X 4" RECYCLED PLASTIC LUMBER (RPL) PERIMETER NAILER BOARD. ATTACHED TO CURB WITH 4" EXPANSION ANCHORS EVERY 24" O.C.
4. SYNLAWN ATTACHED TO NAILER WITH 1" SS SCREWS 4" O.C. AND ADHERED TO TOP OF CURB WITH NORDOT 34 G ADHESIVE. T*COOL INFILL
5. CONCRETE CURB AT PERIMETER OF MOUNDS FLUSH WITH TOP OF ASPHALT (MAY NOT OCCUR WITHIN FALL ZONE)
6. 2" ASPHALT PAD
7. GRAVEL BASE AND COMPACTED SUBGRADE
8. NON-WOVEN GEOTEXTILE
9. COMPACTED SUBBASE

## B3 CROSS SECTION PLAY SURFACE AT TURF BERM

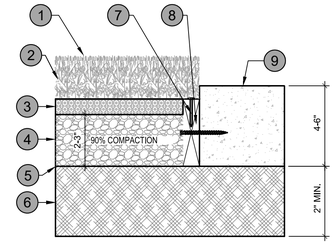
1" = 40'



1. 2" X 4" RECYCLED PLASTIC LUMBER (RPL) PERIMETER NAILER BOARD. ATTACHED TO CURB WITH 4" EXPANSION ANCHORS EVERY 24" O.C.
2. SYNLAWN ATTACHED TO NAILER WITH 1" SS SCREWS 4" O.C. AND ADHERED TO TOP OF CURB WITH NORDOT 34 G ADHESIVE. T*COOL INFILL
3. CONCRETE CURB AT PERIMETER OF MOUNDS FLUSH WITH TOP OF ASPHALT (MAY NOT OCCUR WITHIN FALL ZONE)
4. 2" ASPHALT PAD
5. NON-WOVEN GEOTEXTILE
6. COMPACTED SUBBASE

## A3 PERIMETER CURB

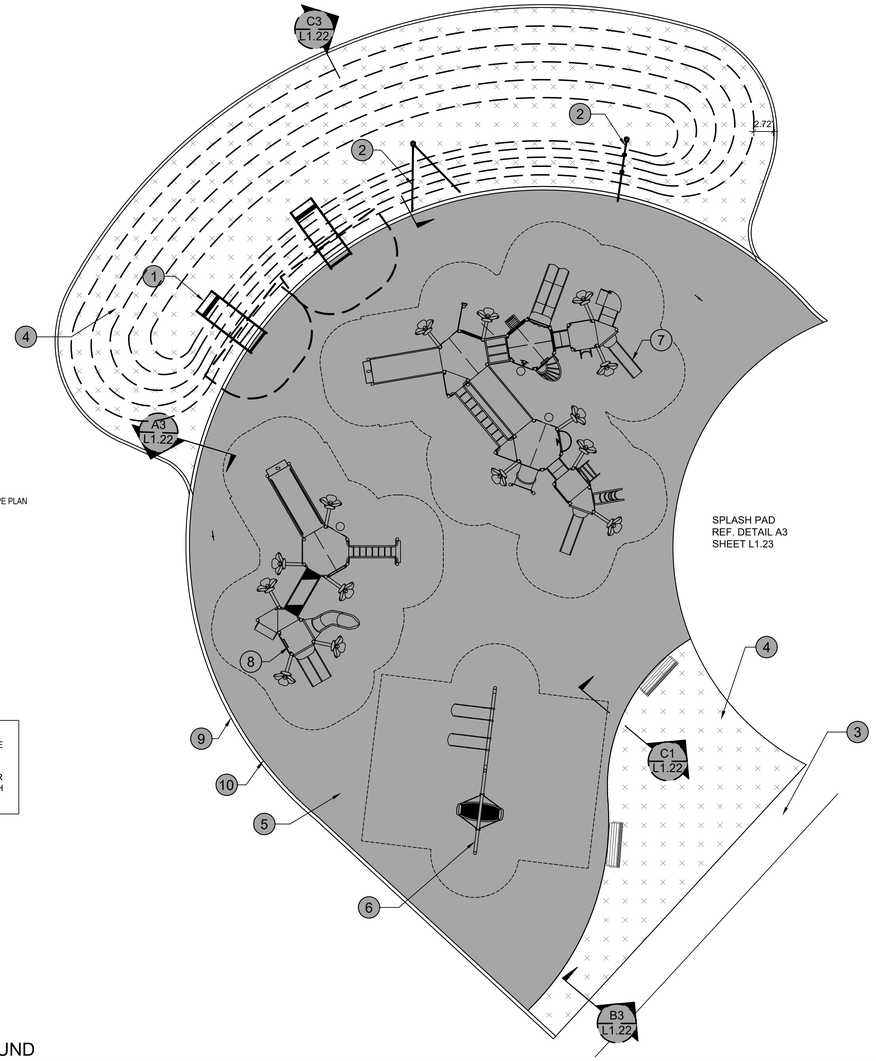
N.T.S.




1. SYNLAWN SYNTHETIC GRASS FIBER
2. HIGH-PERFORMANCE COATED INFILL
3. FALL ATTENUATION PAD
4. COMPACTED AGGREGATE BASE
5. GEOTEXTILE
6. SUBGRADE COMPACTED
7. STAPLE OR NAIL TURF TO COMPOSITE WOOD BORDER AT PERIMETER AND SEAMS
8. 2 X 4 COMPOSITE WOOD PERIMETER BOARD
9. CONCRETE

## C1 ARTIFICIAL TURF ADJACENT TO CONCRETE

1/4" = 1'-0"




1. SLIDE
2. CLIMBING ROPES
3. ADJACENT CONCRETE SIDEWALK. REF HARDSCAPE PLAN
4. ARTIFICIAL TURF
5. POUR IN PLACE SURFACE
6. SWINGS
7. 5-12 PLAYGROUND UNIT
8. 2-5 PLAYGROUND UNIT
9. CONCRETE CURB
10. PERIMETER CONCRETE CURB

FOR REFERENCE ONLY:
FINAL LAYOUT AND MATERIALS TO BE DETERMINATED BY OWNER.

*OWNER PURCHASED, CONTRACTOR TO COORDINATE INSTALLATION WITH OWNER/VENDOR.

## A2 ENLARGED PLAYGROUND

1" = 10'

SYNLAWN®
SYNLAWN
2680 ABUTMENT ROAD SE
DALTON, GA 30721
TOLL FREE: 1-866-SYNLAWN
FAX: (706) 277-1128
www.synlawn.com

1 INCH
IF THIS LINE DOES NOT MEASURE ONE INCH THIS DRAWING IS NOT TO SCALE AND SHOULD NOT BE SCALED FOR DIMENSIONAL INFORMATION.

DESIGNER | PDK, CTW
DRAWER | PDK
CHECKER | CTW

**ISSUANCES & REVISIONS**

| NO | DESCRIPTION | DATE |
|---|---|---|
| 01 | BID & PERMIT SET 01 | 12/10/2025 |

CITY OF ANGLETON

# ABIGAIL ARIAS PARK

301 CEMETERY ROAD ANGLETON TX, 77515

PROJECT NO. 1514.003

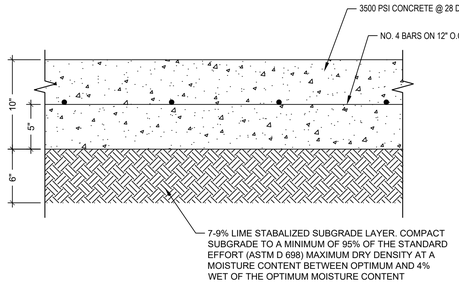
## HARDSCAPE DETAILS

L1.22



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FILE PATH: Q:\SHARED DRIVES\CLIENTS_A-P\ANGLETON\ABIGAIL ARIAS PARK\7000 CONSTRUCTION DOCUMENTS\7030 DRAWINGS\HARD - DETAILS.DWG | LAST SAVE DATE: 12/10/2025 3:31:11 PM | LAST SAVED BY: avalbuena




## C4 HEAVY DUTY CONCRETE PAVEMENT

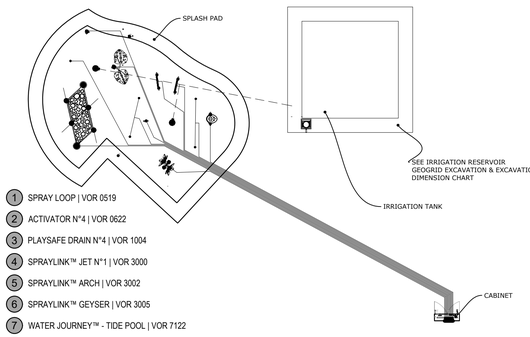
1/8" = 1'-0"

| *Information Table for Subsurface Irrigation System Installation Drawing* | | | | |
|---|---|---|---|---|
| ***Reservoir Spec's*** | ***Value*** | ***Units*** | | |
| Volume of Storage Reservoir | 23,290 | gallons | | |
| Top of Reservoir Level | 3 | ft | | |
| Number of Blocks (Height) | 2 | unit | | |
| Number of Blocks (Width) | 25 | unit | | |
| Number of Blocks (Length) | 15 | unit | | |
| ***Reservoir Dimensions*** | ***Value*** | ***Units*** | ***Value*** | ***Units*** |
| Reservoir Height | 2' - 10 3/4" | ft | 88 | cm |
| Reservoir Width | 33' - 7 1/4" | ft | 1024 | cm |
| Reservoir Length | 33' - 9 1/2" | ft | 1030 | cm |
| ***Excavation Dimensions*** | ***Value*** | ***Units*** | ***Value*** | ***Units*** |
| Excavation Height | 6' - 4 3/4" | ft | 195 | cm |
| Excavation Width | 37' - 7 1/4" | ft | 1146 | cm |
| Excavation Length | 37' - 9 1/2" | ft | 1152 | cm |
| ***Excavation (Geogrid) Dimensions*** | ***Value*** | ***Units*** | ***Value*** | ***Units*** |
| Excavation (Geogrid) Height | 2' - 6" | ft | 76 | cm |
| Excavation (Geogrid) Width | 43' - 7 1/4" | ft | 1329 | cm |
| Excavation (Geogrid) Length | 43' - 9 1/2" | ft | 1335 | cm |

Note : The above values are based on information provided by the client and are approximated. All data, should be verified by local civil engineering specialists for precise local soil conditions . Soil samples are also recommended.

## C3 SPLASHPAD EXCAVATION NOTES

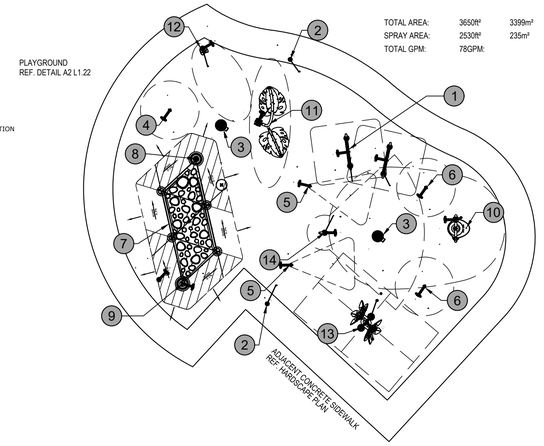
1" = 60'

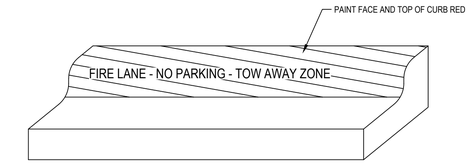



1. SPRAY LOOP | VOR 0519
2. ACTIVATOR N°4 | VOR 0622
3. PLAYSAFE DRAIN N°4 | VOR 1004
4. SPRAYLINK™ JET N°1 | VOR 3000
5. SPRAYLINK™ ARCH | VOR 3002
6. SPRAYLINK™ GEYSER | VOR 3005
7. WATER JOURNEY™ - TIDE POOL | VOR 7122
8. WATER JOURNEY™ - DRAIN BASIN | VOR 7126
9. WATER JOURNEY™ - PRESS & FLOW | VOR 7138
10. TWINSPLASH | VOR 7242
11. DOUBLE LEAVES | VOR 7270
12. TALL GRASS N°2 | VOR 7264
13. LILIUM FLOWER TWIST | VOR 7287
14. LOOP N°2 | VOR 7553

## C2 SPLASHPAD

N.T.S.



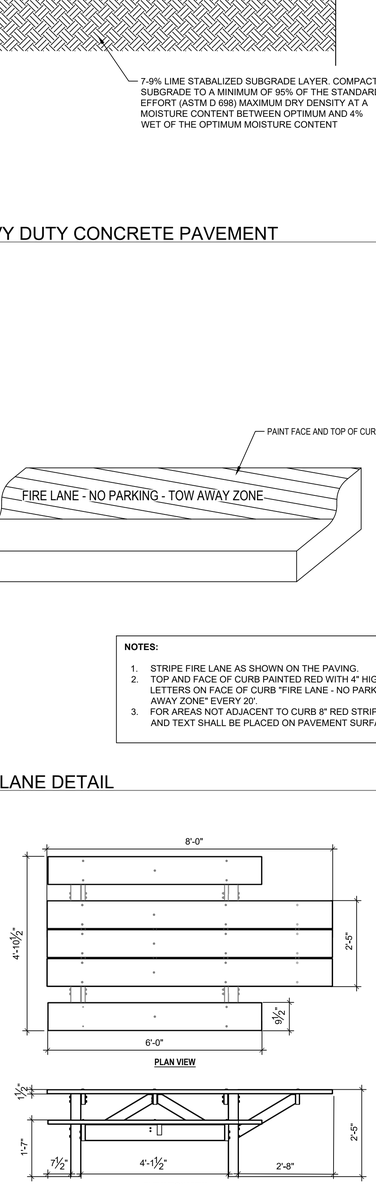




**NOTES:**

1. STRIPE FIRE LANE AS SHOWN ON THE PAVING.
2. TOP AND FACE OF CURB PAINTED RED WITH 4" HIGH WHITE LETTERS ON FACE OF CURB "FIRE LANE - NO PARKING - TOW AWAY ZONE" EVERY 20'.
3. FOR AREAS NOT ADJACENT TO CURB 8" RED STRIPE AND TEXT SHALL BE PLACED ON PAVEMENT SURFACE.

## B4 FIRE LANE DETAIL

N.T.S.



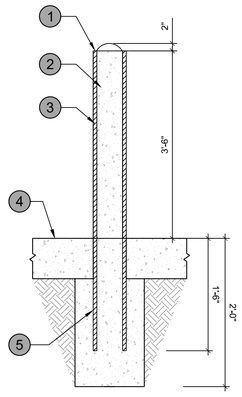

**NOTES**

1. ANCHOR TABLE TO CONCRETE.
2. LEGS - 4X4 RECYCLED PLASTIC LUMBER
3. SEATS - 2X10 RECYCLED PLASTIC LUMBER
4. SEAT SUPPORTS - 2X6 RECYCLED PLASTIC LUMBER
5. TABLE TOP - 2X10 RECYCLED PLASTIC LUMBER
6. HARDWARE TO BE STAINLESS STEEL.
7. INSTALL PER MANUFACTURER'S RECOMMENDATIONS

## A4 ADA PICNIC TABLE

1/2" = 1'-0"

**NOTE:**
PAINTED BLACK THE HDPE POST SLEEVE SHOULD BE FASTENED TO THE INTERNAL STEEL BOLLARD.




1. HDPE POST SLEEVE
2. FILL POST W/ CONCRETE
3. 6" SCH. 40 GALV. STEEL PIPE FOR SINGLE POSTS
4. PAVEMENT OR FINISHED GRADE
5. 6" SCH. 40 GALV. STEEL SLEEVE

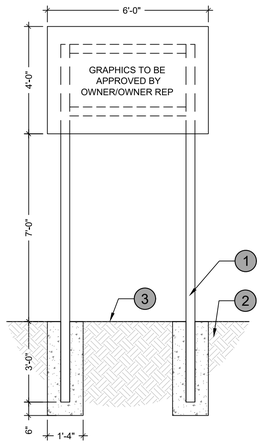
FRONT ELEVATION

## B3 CONCRETE BOLLARD DETAIL

N.T.S.

**NOTES:**

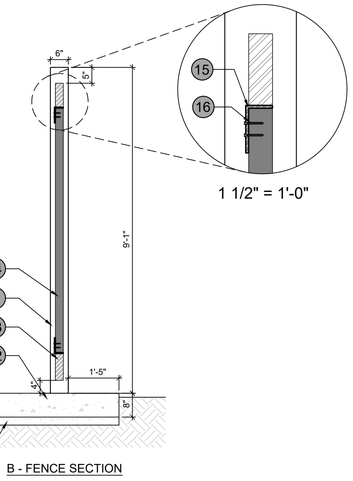
1.) 4" X 6' 3/4" MDO PLYWOOD, EXTERIOR GRADE. (SIGN CONTENT TO BE APPROVED BY OWNER PRIOR TO FABRICATION)
2.) MOUNT SIGN ON (2) 4X4 WOODEN POSTS SET IN CONCRETE.
3.)SIGN MUST NOT OBSTRUCT LINE OF SIGHT FOR SAFETY.
4.) VERTICAL CLEARANCE ABOVE NATURAL GROUND MUST BE 84" MINIMUM.




1. 4"x4" WOODEN POST SET IN CONCRETE
2. COMPACTED SUBGRADE
3. FINISH GRADE

## A3 CONSTRUCTION SIGN DETAIL

3/8" = 1'-0"




1. GOLIATH HEAVY-DUTY INDUSTRIAL SWING GATE HINGE, OR APPROVED EQUIVALENT
2. 2" X 6" L" BRACKET WELDED TO POST WITH (2) 1/2" BOLTS AT FENCE
3. GATE KEEPER
4. 8" O.D. SCH. 40 GALV. STEEL PIPE. FILL WITH CONCRETE, PAINTED BLACK
5. 2" X 4" GALV. STEEL FRAMING PAINTED BLACK WITH 6" CEDAR PLANK
6. GATES
7. 6" X 6" SQUARE GALV. STEEL POST PAINTED BLACK
8. 2" X 4" GALV. STEEL FRAMING PAINTED BLACK
9. ENCLOSURE DOORS WITH 6" CEDAR PLANKS
10. 2" SAND BED
11. 6" CONCRETE PAD
12. TOP OF PAVING
13. 2" X 6" GALV. STEEL FRAMING PAINTED BLACK
14. 6" CEDAR PLANKS
15. 2" X 4" WELDED STEEL "L" BRACKET
16. (2) #10 LAG SCREW PER PICKET AT EACH STEEL BRACKET, TOP AND BOTTOM

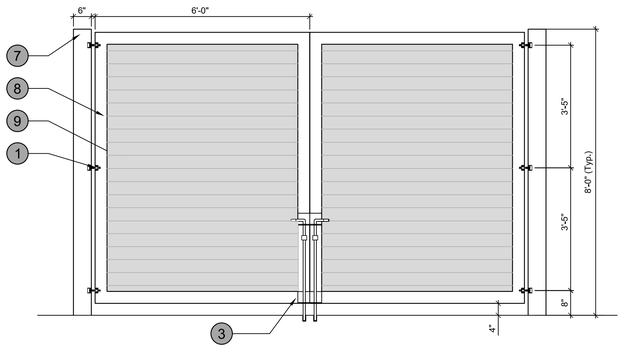
B - FENCE SECTION

**NOTES**

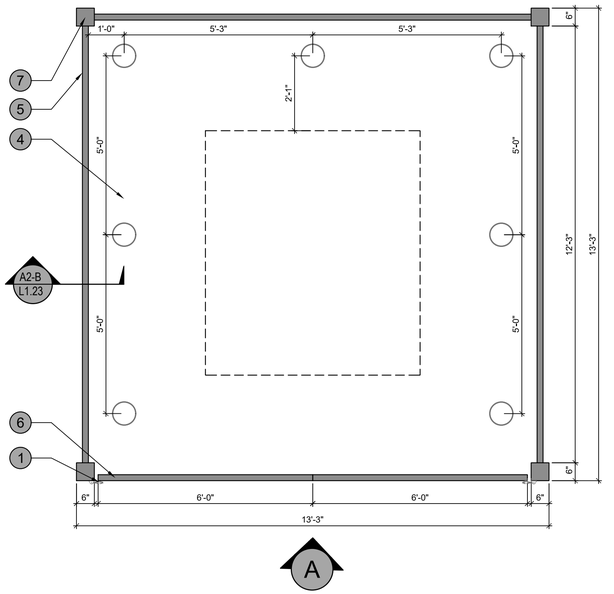
1. PRESSURE-TREATED CEDAR WOOD.
2. STAINLESS STEEL HARDWARE.
3. POST TOP METAL CAP SIZED TO FIT POST TOP.
4. STAIN CEDAR WOOD A TEAK COLOR. PAINT STEEL POSTS BLACK.

## A2 DUMPSTER ENCLOSURE

1/2" = 1'-0"




A | FRONT ELEVATION




BURDITT Land | Place
310 Longmire Road
Conroe, TX 77304
Tel: 936.756.3041

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ISSUANCE:

**BID & PERMIT SET**

SEAL:

REGISTERED LANDSCAPE ARCHITECT — STATE OF TEXAS

12/10/2025

CITY OF ANGLETON

# ABIGAIL ARIAS PARK

301 CEMETERY ROAD ANGLETON TX, 77515

PROJECT NO. 1514.003

1 INCH

IF THIS LINE DOES NOT MEASURE ONE INCH THIS DRAWING IS NOT TO SCALE AND SHOULD NOT BE SCALED FOR DIMENSIONAL INFORMATION.

DESIGNER | PDK, CTW
DRAWER | PDK
CHECKER | CTW

**ISSUANCES & REVISIONS**

| NO. | DESCRIPTION | DATE |
|---|---|---|
| 01 | BID & PERMIT SET 01 | 12/10/2025 |

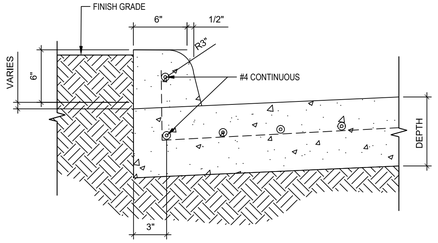
**HARDSCAPE DETAILS**

**L1.23**

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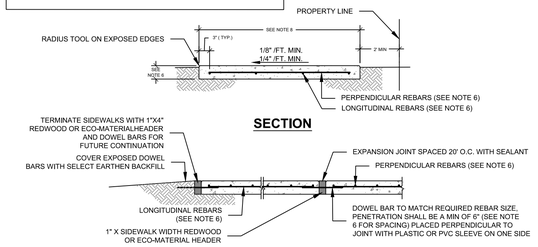

**NOTES:**

1. ALL NEW CURB REQUIRES 3,500 P.S.I. @ 28-DAYS AND A MINIMUM OF 1-LB/CY OF APPROVED POLYPROPYLENE FIBER MESH.

## C2 6" INCH CONCRETE CURB
1/8" = 1'-0"

**ACCESSIBLE ROUTE GENERAL NOTES:**

1. The design and construction of all elements of pedestrian facilities shall meet the criteria established in the current edition of the Texas Accessibility Standards (t.a.s.) as prepared and administered by the Texas Department of Licensing and Regulation (TDLR), unless otherwise directed by the engineer.
2. The slope of the accessible route in the direction of travel shall not exceed 1:50 (2%). Any part of the accessible route with a slope greater than 1:20 (5%) shall be considered a ramp.
3. A minimum width of 36 inches shall be provided for landings around obstructions (i.e. sign supports, signal supports, poles, etc.) located adjacent to the pedestrian route.
4. Minimum 32 inches of clearance is required for obstructions less than 24inches in length, and a minimum 36 inches of clearance is required for obstructions greater than or equal to 24 inches in length.




### SECTION

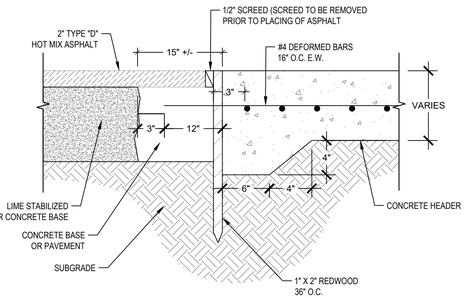



### EXPANSION JOINT SECTION

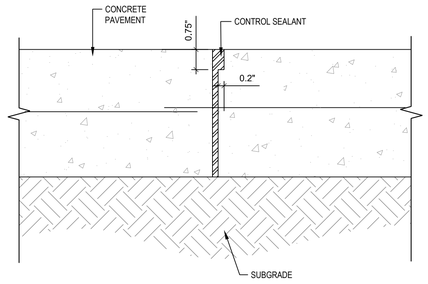
**NOTES:**

1. EXPANSION JOINTS TO BE PLACED EVERY 20' AND CONTROL BREAK JOINT EVERY 10'.
2. EXPANSION JOINTS SHALL BE PLACED WHERE NEW WALKS MEET EXISTING CONCRETE STRUCTURES, FIRE HYDRANTS AND UTILITY POLES.
3. ALL JOINTS TO BE FILLED WITH 5-1/2 SACK PORTLAND CEMENT.
4. ALL EXPANSION JOINTS TO BE SEALED WITH HOT POURED ELASTIC TYPE SEALER MEETING ASTM D1190 OR APPROVED EQUE
5. PROVIDE A MIN OF 10' OVERLAP ON REINFORCING.
6. SIDEWALK THICKNESS IN RESIDENTIAL DRIVEWAYS TO BE A MIN OF 4" WITH #3 REBAR SPACED AT 24" O.C. EACH WAY. SIDEWALKS ACROSS COMMERCIAL DRIVEWAYS OR ALLEYS SHALL HAVE A MIN THICKNESS OF 6" WITH #3 REBAR ON 18" CENTERS EACH WAY.
7. SIDEWALKS SHALL MAINTAIN A ONE FOOT CLEARANCE FROM OUTER EDGE OF SIDEWALK TO OUTER EDGE OF ALL UTILITY STRUCTURES (w.j.val.ve BOXES, FIRE HYDRANT, MANHOLE, ETC.).
8. SIDEWALKS IN RESIDENTIAL AREAS SHALL BE A MIN WIDTH OF 4 FT.; SIDEWALKS ALONG A COLLECTOR, MAJOR OR MINOR ARTERIAL STREET SHALL BE A MIN WIDTH OF 5 FT, EXCEPT FOR WHEN AN 8 FT OR LARGER SIDEWALK IS REQUIRED OR CALLED FOR PER PLANNING AND ZONING OR TRAILS MASTER PLAN REQUIREMENTS. SEE 8 FT AND LARGER SIDEWALK DETAIL.

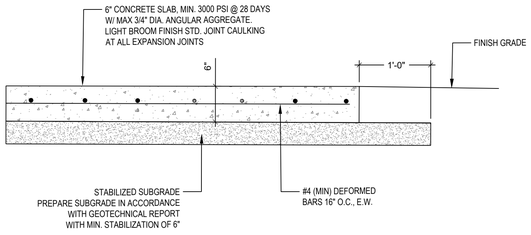
## C1 4 AND 5 FOOT CONCRETE WALK
1/16" = 1'-0"




## B2 ASPHALT PAVING HEADER
1/8" = 1'-0"



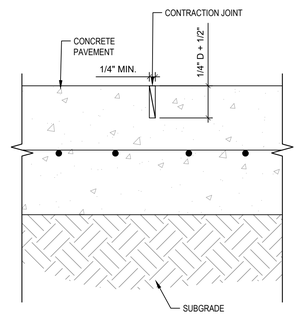

## B1 EXPANSION JOINT DETAIL
3/8" = 1'-0"




**NOTES:**

1. EXPANSION JOINTS @ 20' O.C.
2. CONTROL JOINTS @ 10'X10' GRID.
3. JOINT CAULKING AT ALL EXPANSION JOINTS

## A2 TYPICAL CONCRETE PAVING SECTION
1" = 1'-0"




NOTES:

1. D = DEPTH OF CONCRETE.
2. SAW-CUT CONTRACTION JOINT TO DIMENSIONS SHOWN

## A1 CONTRACTION JOINT DETAIL
1/8" = 1'-0"

BURDITT Land | Place
310 Longmire Road
Conroe, TX 77304
Tel: 936.756.3041

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**ISSUANCE:**

**BID & PERMIT SET**

**SEAL:**

REGISTERED LANDSCAPE ARCHITECT · STATE OF TEXAS · 2997

12/10/2025

CITY OF ANGLETON

# ABIGAIL ARIAS PARK

301 CEMETERY ROAD ANGLETON TX, 77515

PROJECT NO. 1514.003

1 INCH

IF THIS LINE DOES NOT MEASURE ONE INCH THIS DRAWING IS NOT TO SCALE AND SHOULD NOT BE SCALED FOR DIMENSIONAL INFORMATION.

DESIGNER | PDK, CTW
DRAWER | PDK
CHECKER | CTW

**ISSUANCES & REVISIONS**

| NO. | DESCRIPTION | DATE |
|---|---|---|
| 01 | BID & PERMIT SET 01 | 12/10/2025 |

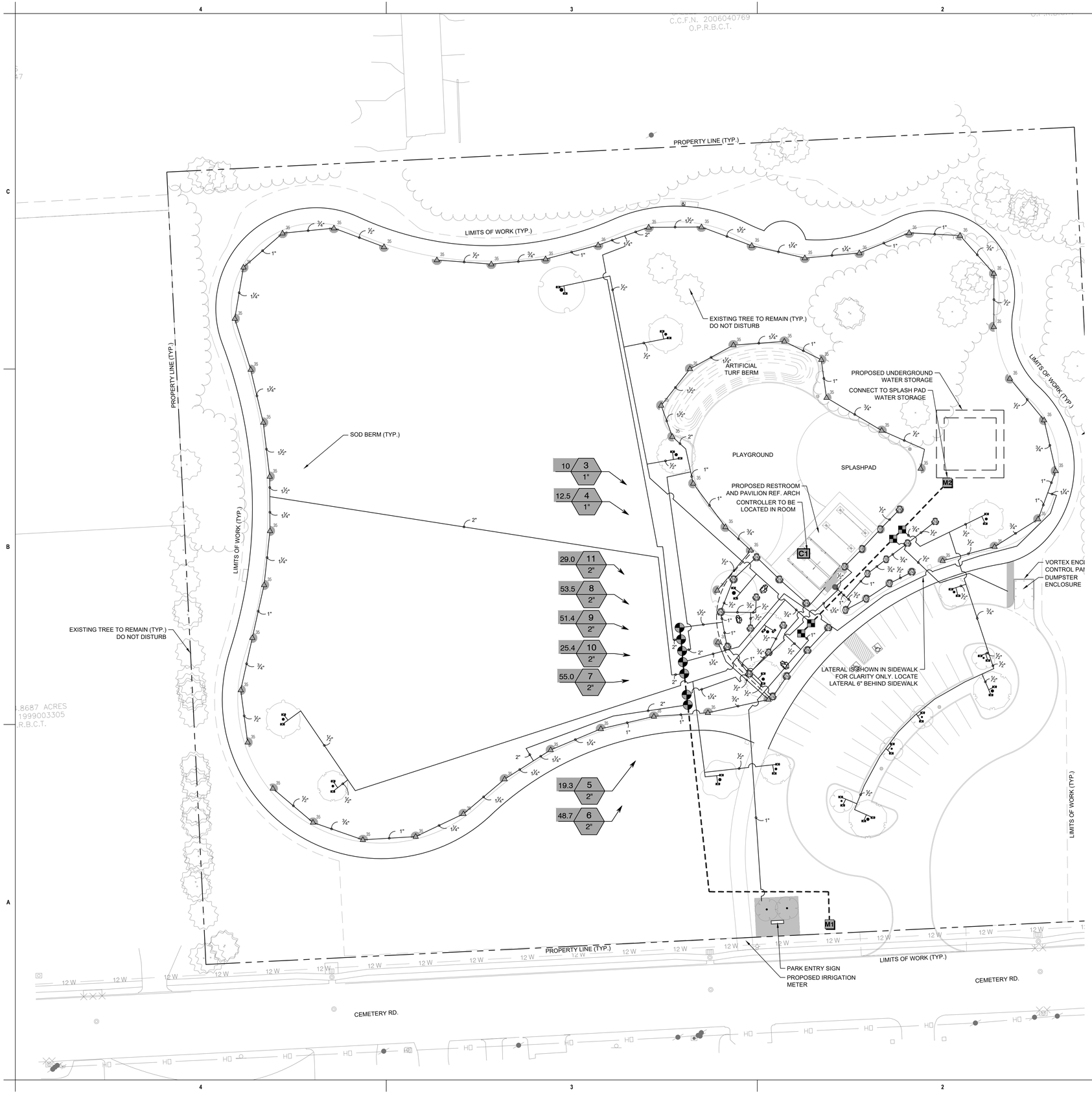
**HARDSCAPE DETAILS**

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## IRRIGATION SCHEDULE

| SYMBOL | MANUFACTURER/MODEL | ARC | PSI | GPM | RADIUS |
|---|---|---|---|---|---|
| | RAINBIRD R-VAN14 1800 RV-14 | Adj | 45 | | 14' |
| | RAINBIRD R-VAN18 1800 RV-18 | Adj | 45 | | 17' |
| | RAINBIRD R-VAN18 1800 RV-18F | 360 | 45 | 1.85 | 17' |
| | RAINBIRD R-VAN24 1800 RV-24 | Adj | 45 | | 23' |
| | RAINBIRD R-VAN24 1800 RV-24F | 360 | 45 | 3.48 | 23' |
| | Rain Bird RWS-M-B-C 1402 | 360 | 30 | 0.5 | 3' |
| SYMBOL | MANUFACTURER/MODEL/DESCRIPTION | | PSI | GPM | RADIUS |
| 25 | Rain Bird 5006-PL-PC-SAM-MPR 25<br>Turf Rotor, 6in. Pop-Up, Plastic Riser, with Flow Shut-Off Device. Matched Precipitation Rotor (MPR Nozzle), Arc and Radius as per Symbol. 25 ft=red, 30 ft=green, 35ft=beige. With Seal-A-Matic Check Valve. | | 55 | | 25' |
| SYMBOL | MANUFACTURER/MODEL/DESCRIPTION | | PSI | | |
| | Rain Bird XCZ-100-PRB-COM<br>Wide Flow Drip Control Kit for Commercial Applications. 1in. Ball Valve with 1in. PESB Valve and 1in. Pressure Regulating 40psi Quick-Check Basket Filter. 5 GPM-20 GPM. | | | | |
| | Area to Receive Dripline<br>Rain Bird XFDe-09-12<br>XFDe On-Surface Pressure Compensating Landscape Dripline. 0.9 GPH emitters at 12in. O.C. Dripline laterals spaced at RR apart, with emitters offset for triangular pattern. UV & Kink Resistant. Use XF insert fittings. | | 30 | | |
| SYMBOL | MANUFACTURER/MODEL/DESCRIPTION | | | | |
| | Rain Bird PEB<br>1in., 1-1/2in., 2in., 3in. Plastic Industrial Remote Control Valve. Low Flow Operating Capability, Globe Configuration. | | | | |
| C1 | Rain Bird ESP4ME3 with (3) ESP-SM6<br>22 Station, Hybrid Modular Outdoor Controller. For Residential or Light Commercial Use. LNK WiFi Module and Flow Sensor Ready. | | | | |
| M1 | Water Meter 2" | | | | |
| M2 | Water Meter 2" | | | | |
| | Irrigation Lateral Line: PVC Class 200 SDR 21 | | | | |
| | Irrigation Mainline: PVC Schedule 40 | | | | |

Valve Callout
Valve Number
Valve Flow
Valve Size

## ZONE SCHEDULE

| ZONE | HEAD TYPE | GPM |
|---|---|---|
| 1 | Bubbler | 8 |
| 2 | Area for Dripline | 1.91 |
| 3 | Bubbler | 9 |
| 4 | Area for Dripline | 11.6 |
| 5 | Shrub Rotary | 19.3 |
| 6 | Turf Rotor | 46.5 |
| 7 | Turf Rotor | 55.0 |
| 8 | Turf Rotor | 53.5 |
| 9 | Turf Rotor | 51.4 |
| 10 | Turf Rotor | 25.4 |
| 11 | Shrub Rotary | 29.0 |

SCALE AND NORTH ARROW

0 30 ft 60 ft

SCALE: 1" = 30' - 0"

N

BURDITT Land | Place
310 Longmire Road
Conroe, TX 77304
Tel: 936.756.3041

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ISSUANCE:

**BID & PERMIT SET**

SEAL:

REGISTERED LANDSCAPE ARCHITECT
STATE OF TEXAS

12/10/2025

CITY OF ANGLETON

# ABIGAIL ARIAS PARK

301 CEMETERY ROAD ANGLETON TX, 77515

PROJECT NO. 1514.003

1 INCH

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DESIGNER | PDK, CTW
DRAWER | PDK
CHECKER | CTW

| ISSUANCES & REVISIONS | | |
|---|---|---|
| NO. | DESCRIPTION | DATE |
| 01 | BID & PERMIT SET 01 | 12/10/2025 |

## IRRIGATION PLAN

L2.01



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FILE PATH: Q:\SHARED DRIVES\CLIENTS_A-P\ANGLETON\ABIGAIL ARIAS PARK\7000 CONSTRUCTION DOCUMENTS\7030 DRAWINGS\IRR - PLAN.DWG | LAST SAVE DATE: 12/10/2025 2:48:01 PM | LAST SAVED BY: pkelly

BURDITT Land | Place
310 Longmire Road
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ISSUANCE:

**BID & PERMIT SET**

SEAL:

REGISTERED LANDSCAPE ARCHITECT · STATE OF TEXAS · 1997

12/10/2025

**CITY OF ANGLETON**

# ABIGAIL ARIAS PARK

PROJECT NO. 1514.003

301 CEMETERY ROAD ANGLETON TX, 77515

## IRRIGATION NOTES

1. AN AUTOMATIC IRRIGATION SYSTEM SHALL BE INSTALLED. ALL AUTOMATIC IRRIGATION SYSTEMS SHALL BE EQUIPPED WITH AN ELECTRONIC CONTROLLER CAPABLE OF DUAL OR MULTIPLE PROGRAMMING.
2. CONTROLLER(S) SHALL HAVE MULTIPLE CYCLE START CAPACITY AND A FLEXIBLE CALENDAR PROGRAM, INCLUDING THE CAPABILITY OF BEING SET TO WATER EVERY FIVE DAYS.
3. ALL AUTOMATIC IRRIGATION SYSTEMS SHALL BE EQUIPPED WITH A RAIN AND FREEZE SENSOR SHUT-OFF DEVICE.
4. THE IRRIGATION SYSTEM SHALL BE DESIGNED BY A LICENSED IRRIGATOR.
5. IRRIGATED TURF GRASS AREA IS LIMITED TO 33% OF THE TOTAL LANDSCAPE AREA PROVIDED.
6. TREE IRRIGATION ZONES SHALL NOT SHARE THE SAME IRRIGATION ZONES, INCLUDING VALVES AND CIRCUITS, AS SHRUBS AND PLANT DUE TO DIFFERENT WATERING REQUIREMENTS.
7. A MINIMUM OF ONE (1) BUBBLER SHALL BE PROVIDED FOR ALL NEWLY PLANTED TREES. TREES LARGER THAN THREE INCHES IN CALIPER SIZE SHALL HAVE TWO (2) BUBBLERS. THE BUBBLER(S) SHALL BE INSTALLED AT EACH TREE, LOCATED 12 - 18 INCHES FROM THE TRUNK, AND SHALL OPERATE ON VALVES SEPARATE FROM THE SPRAY ZONES.
8. NO TRENCHING OR BORING SHALL OCCUR WITHIN THE TREE PROTECTION FENCING OR CRZ WITHOUT PRIOR APPROVAL FROM THE CITY ARBORIST OR ADMINISTRATOR.
9. IRRIGATION SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH SUBCHAPTER 11 OF THE UNIFIED DEVELOPMENT CODE AND CHAPTER 113. IRRIGATORS.
10. IRRIGATION PLANS SHALL BE SUBMITTED AND APPROVED PRIOR TO IRRIGATION INSTALLED AND FINAL SITE INSPECTION.
11. THE IRRIGATION CONTRACTOR SHALL TEST EXISTING STATIC WATER PRESSURE ONSITE PRIOR TO CONSTRUCTION. STATIC WATER PRESSURE FOR THE SITE WAS NOT GIVEN AT THE TIME OF THIS DESIGN. THE IRRIGATION SYSTEM FOR THIS SITE IS DESIGNED TO OPERATE WITH THE A PRESSURE WITH SIXTY (60 PSI) POUNDS PER SQUARE INCH. SHOULD DESIGN PRESSURE FOR THE IRRIGATION SYSTEM BE HIGHER THAN THE EXISTING PRESSURE OF THE SITE, THE IRRIGATION CONTRACTOR SHALL NOTIFY THE IRRIGATION DESIGNER.
12. LOCATE ALL UTILITIES AND SITE LIGHTING CONDUITS BEFORE IRRIGATION INSTALLATION BEGINS.
13. THE CONTRACTOR SHALL NOT WILLFULLY INSTALL THE IRRIGATION SYSTEM AS SHOWN ON THE DRAWINGS, WHEN IT IS OBVIOUS THAT FIELD OBSTRUCTIONS , UNKNOWN TO THE DESIGNER, MAY NOT HAVE BEEN CONSIDERED IN THE DESIGN. THE CONTRACTOR SHALL BE RESPONSIBLE TO NOTIFY THE IRRIGATION DESIGNER OF THE CONDITIONS, OR ASSUME FULL IRRESPONSIBLE TO NOTIFY THE IRRIGATION DESIGNER OF THE SITE CONDITIONS, OR ASSUME FULL RESPONSIBILITY FOR ANY AND ALL REVISIONS NECESSARY.
14. PIPE SIZES SHALL CONFORM TO THOSE SHOWN ON THE DRAWINGS. NO SUBSTITUTIONS OF SMALLER PIPE SIZES SHALL BE PERMITTED, BUT SUBSTITUTIONS OF LARGER PIPE SIZES MAY BE APPROVED.
15. THE FOLLOWING RAIN-BIRD IVM-SERIES FIELD DEVICES SHALL BE INSTALLED ON THESE IRRIGATION COMPONENTS. LXIVMSD (SURGE DEVICE) SHALL BE INSTALLED WITH GROUND ROD OR PLATE EVERY 500' OR 15 FIELD DEVICES ALONG THE 2-WIRE PATH.
16. THE CONTRACTOR SHALL BE A REGISTERED LICENSED IRRIGATOR OF GOOD STANDING IN THE STATE OF TEXAS.
17. IRRIGATION CONTRACTOR SHALL PROCURE ALL PERMITS, LICENSES, AND GIVE ALL NECESSARY NOTICES THROUGHOUT THE DURATION OF THE PROJECT.
18. ALL ASPECTS OF THE IRRIGATION INSTALLATION SHALL CONFORM WITH GOVERNING AUTHORITIES, CODES, AND ORDINANCES.
19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PLANT MATERIAL UPON ACCEPTANCE AND THROUGH THE WARRANTY PERIOD FOR DAMAGE DUE TO IRRIGATION SYSTEM FAILURES.
20. DISTURBED AREAS IN NEED OF TURF ESTABLISHMENT MAY EXIST BEYOND THE COVERAGE LIMITS OF THE PERMANENT IRRIGATION SYSTEM. IN THOSE DISTURBED AREAS, THE CONTRACTOR SHALL DETERMINE THE TEMPORARY MEANS TO GERMINATE/ESTABLISH NECESSARY TURF. THE GENERAL CONTRACTOR IS ENCOURAGED TO BEGIN TURF ESTABLISHMENT IMMEDIATELY UPON FINAL GRADE IN ACCORDANCE WITH AND TO SATISFY THE SWPPP.
21. LOCATION OF MAINLINE AND VALVES ON THIS PLAN MAY BE SHOWN IN THE ROAD FOR CLARITY ONLY. CONTRACTOR IS TO PLACE ALL PIPES AND VALVES BEHIND THE CURB IN LANDSCAPE AREAS WHENEVER POSSIBLE.
22. IRRIGATION CONTRACTOR IS TO COORDINATE LOCATION AND PLACEMENT OF ALL IRRIGATION ITEMS WITH THE GENERAL CONTRACTOR. CONTRACTOR IS TO USE EXTREME CAUTION IN TRENCHING TO AVOID EXISTING AND PROPOSED UTILITIES.
23. PIPE SIZES SHALL CONFORM TO THOSE SHOWN ON THE DRAWINGS. NO SUBSTITUTIONS OF SMALLER PIPE SIZES SHALL BE PERMITTED, BUT SUBSTITUTIONS OF LARGER PIPE SIZES MAY BE APPROVED.
24. TAPPING AND IMPACT FEES: CONTRACTOR SHALL PAY FOR ALL FEES ASSOCIATED WITH TAPPING INTO MUNICIPAL UTILITY MAINS, INCLUDING SANITARY SEWER, NATURAL GAS AND DOMESTIC WATER. IMPACT FEES WILL BE PAID FOR BY THE OWNER.
25. SYSTEM TO USE **ALL PURPLE COMPONENTS**.

## STATEMENT OF COVERAGE NOTE

1. THE IRRIGATION LAYOUT IS INTENDED TO SUPPLY LOW-VOLUME DRIP IRRIGATION TO PLANTED BED AREAS AND NARROW TURF SECTIONS. BUBBLERS WILL BE INSTALLED FOR NEWLY PLANTED TREES, WHILE SPRAY HEADS OR ROTORS WILL IRRIGATE THE REMAINING LAWN AREAS. THIS PLAN DOES NOT INCLUDE IRRIGATION COVERAGE BEYOND WHAT IS SPECIFIED.

## COORDINATION WITH EXISTING TREES NOTES

1. MECHANICAL TRENCHING IS NOT ALLOWED WITHIN THE ROOT ZONES OF EXISTING TREES. EXCAVATION IN THESE AREAS MUST BE PERFORMED MANUALLY. ROOTS WITH A DIAMETER GREATER THAN 1 INCH MUST REMAIN UNDISTURBED. MARK ALL PROPOSED TRENCH LOCATIONS NEAR EXISTING TREES AND OBTAIN APPROVAL FROM THE LANDSCAPE ARCHITECT BEFORE STARTING ANY DIGGING.

## IRRIGATION SLEEVE NOTES

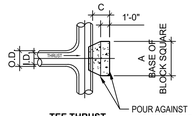
1. PIPING AND CONTROL WIRES SHALL BE INSTALLED IN SEPARATE SLEEVES UNDER PAVING. REFER TO THE IRRIGATION PLANS FOR SLEEVE SIZE AND LOCATION.
2. SLEEVE ELEVATION SHALL BE TWELVE (12") INCHES BELOW TOP OF PAVEMENT.
3. SLEEVES SHALL EXTEND ONE (1') FOOT BEYOND THE EDGE OF PAVEMENT AND BE STAKED FOR LOCATION.
4. ALL SLEEVES SHALL BE SCHEDULE 40 PVC PIPE, CAPPED ON BOTH ENDS, AND SIZED AT LEAST TWO TIMES LARGER THAN THE DIAMETER OF THE PIPE INSIDE THE SLEEVE. SLEEVE LOCATIONS SHALL BE MARKED ONTO THE TOP OF CURB WITH A SAW-CUT OF TWO PARALLEL LINES THAT ARE TWO (2") INCHES LONG AND ONE (1") INCH APART.
5. THE IRRIGATION CONTRACTOR IS RESPONSIBLE FOR COORDINATING INSTALLATION OF SLEEVES WITH GENERAL CONTRACTOR. THE IRRIGATION CONTRACTOR IS ALSO RESPONSIBLE FOR LOCATIONS ANY SLEEVE WHICH CANNOT BE FOUND DURING INSTALLATION OF IRRIGATION SYSTEM.

## A4 IRRIGATION GENERAL NOTES

N.T.S.

**NOTE**

1. USE POLYETHYLENE WRAP OR EQUAL BETWEEN CONCRETE AND PLUG TO PREVENT CONCRETE FROM STICKING TO PLUG.




**TEE THRUST BLOCK**

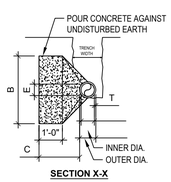
| TEE SCHEDULE | | | | |
|---|---|---|---|---|
| ID (IN) | THRUST (TONS) | C(FT) | A (FT) | VOLUME (C.Y.) |
| 4,6,8 | 5.1 | 1.5 | 2.5 | 0.3 |
| 10,12 | 11.3 | 1.5 | 3.5 | 0.6 |

**THRUST BLOCK NOTES**

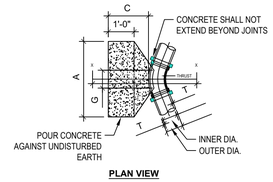
1. ALL CALCULATIONS ARE BASED ON INTERNAL PRESSURE 200 PSI. FOR 24" AND SMALLER INNER DIAMETER PIPE.
2. ALL BEARING SURFACES OF THRUST BLOCKS SHALL BE PLACED AGAINST UNDISTURBED EARTH OR ROCK.
3. CONCRETE FOR BLOCKING SHALL BE 2000 PSI.
4. DIMENSIONS MAY BE VARIED AS REQUIRED BY FIELD AND AS DIRECTED BY THE ENGINEER. THE VOLUME OF THE CONCRETE BLOCKING SHALL NOT BE LESS THAN SHOWN HERE.
5. WATER MAIN SHALL NOT BE PRESSURIZED UNTIL ALL CONCRETE BLOCKING HAS REACHED 1500 PSI.

| HORIZONTAL THRUST BLOCK SCHEDULE | | | | | | | |
|---|---|---|---|---|---|---|---|
| BEND | SIZE | A (FT.) | B (FT.) | C (FT.) | E (FT.) | G (FT.) | VOLUME |
| 90° | 6,8" | 5.0 | 1.5 | 1.5 | 0.9 | 2.7 | 0.4 |
| | 10,12" | 6.5 | 2.5 | 1.5 | 1.2 | 4.0 | 1.0 |
| 45° | 6,8" | 2.0 | 2.0 | 1.5 | 0.9 | 1.5 | 0.2 |
| | 10,12" | 3.5 | 2.5 | 1.5 | 1.2 | 2.2 | 0.5 |
| 22.5° | 6,8" | 1.5 | 1.5 | 1.5 | 0.9 | 0.8 | 0.1 |
| | 10,12" | 2.0 | 2.5 | 1.5 | 1.2 | 1.1 | 0.3 |
| 11.25° | 6,8" | 1.0 | 1.5 | 1.5 | 0.9 | 0.4 | 0.1 |
| | 10,12" | 1.5 | 1.5 | 1.5 | 1.2 | 0.6 | 0.1 |

**THRUST BLOCK DETAILS**




**SECTION X-X**




**PLAN VIEW**

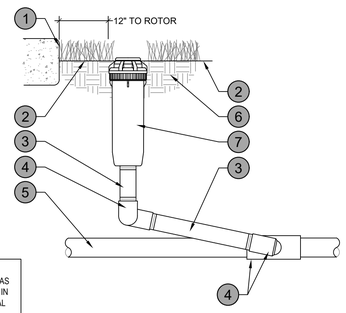
## C3 TYPICAL HORIZONTAL THRUST BLOCK

N.T.S.

## B3 BUBBLER: ROOT WATERING SYSTEM

N.T.S.

1. EDGE OF PAVEMENT
2. FINISH GRADE.
3. PVC SCH. 80 NIPPLE (LENGTH AS REQUIRED)
4. PVC SCH. 40 STREET ELL
5. PVC LATERAL PIPE
6. SUB-GRADE
7. RAINBIRD ROTOR BODY AND NOZZLE AS INDICATED ON PLAN.



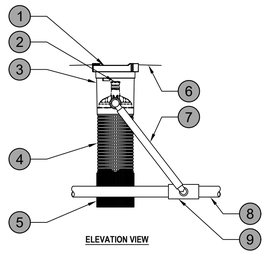

**NOTES**

1. MAY NOT BE USED IN LANDSCAPE AREAS LESS THAN FORTY-EIGHT INCHES (48") IN LENGTH OR WIDTH (VERIFY WITH LOCAL CITY ORDINANCE.)
2. IN AREAS WITH ELEVATION CHANGES, CONTRACTOR SHALL SPECIFY SEAL-A-MATIC (SAM) ON THE ZONES LOWEST HEADS.

## A3 ROTOR POP-UP HEAD

N.T.S.

1. 4" (10.2 CM) LOCKING GRATE (INCLUDED)
2. BUBBLER: RAINBIRD 1402 0.5 GPH (1.9 L/M) (INCLUDED)
3. RAINBIRD RWS-M-B-C-1402 (INCLUDES RETAINER, 18") (45.7 CM) TUBE, 0.5 GPM (1.9 L/M) BUBBLER, 4" (10.2 CM) GRATE, 1/2" (1.3 CM) M NPT INLET SPIRAL BARB ELBOW.)
4. 4" (10.2 CM) WIDE X 18" (45.7 CM) LONG RIGID BASKET WEAVE CANISTER (INCLUDED)
5. SOCK (RWS-SOCK) FOR SANDY SOILS
6. FINISH GRADE/TOP OF MULCH
7. 1/2" (1.3 CM) SWING ASSEMBLY: RAINBIRD SA-125050 OR 1/2" (1.3 CM) SWING PIPE: RAINBIRD SP SERIES WITH 1/2" (1.3 CM) MALE NPT X 0.490" BARB ELBOW: RAINBIRD SBE-050.
8. PVC OR POLYETHYLENE LATERAL PIPE
9. PVC SCH. 40 TEE OR EL



**ELEVATION VIEW**

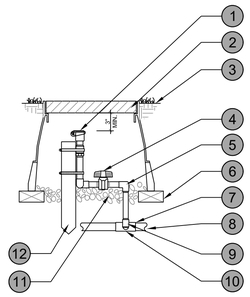
**NOTES**

1. 4" (10.2 CM) GRATE IS BLACK (RWSGRATE)
2. INSTALL PRODUCT SO THAT THE GRATE IS EVEN WITH FINISH GRADE.
3. OPTIONAL SAND SOCK (RWS-SOCK) IS 34" (86.4 CM) IN LENGTH, CUT TO LENGTH NEEDED TO COVER MESH BASKET AREA.
4. WHEN INSTALLING IN EXTREMELY HARD OR CLAY SOILS, ADD 3/4" (1.9 CM) GRAVEL UNDER AND AROUND THE UNIT TO ALLOW FASTER WATER INFILTRATION AND ROOT PENETRATION.
5. ONCE RWS HAS BEEN INSTALLED FILL THE BASKET WITH PEA GRAVEL BEFORE LOCKING LID.
6. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

## C2 QUICK COUPLER

N.T.S.

1. QUICK COUPLING VALVE.
2. PLASTIC VALVE BOX.
3. FINISH GRADE.
4. BALL VALVE (SIZED PER VALVE.)
5. PVC SCH. 40 ELL.
6. BRICK (1 OF 4.)
7. PVC SCH. 80 NIPPL (LENGTH AS REQUIRED.)
8. PVC MAINLINE PIPE.
9. SCH. 80 NIPPLE & SCH. 40 ELL.
10. PVC SCH. 40 TEE OR ELL.
11. 3-INCH MINIMUM DEPTH OF 3/4-INCH WASHED GRAVEL.
12. 2"X2" TRD. PINE STAKE W/ STAINLESS STEEL GEAR CLAMPS OR EQUIVALENT SUPPORT SYSTEM.



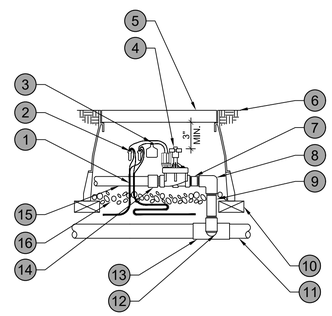

**NOTES**

1. FURNISH NOMINALLY SIZED BALL VALVE WITHIN SAME BOX & PRIOR TO MAINLINE TEE.
2. FURNISH FITTINGS & PIPING NOMINALLY SIZED IDENTICAL TO NOMINAL QUICK COUPLING VALVE INLET SIZE.

## B2 REMOTE CONTROL VALVE

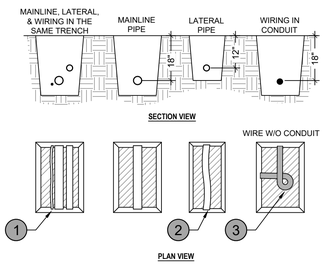
N.T.S.

1. 30-INCH LENGTH OF WIRING.
2. WATERPROOF CONNECTION RAINBIRD WC20 (TWO REQUIRED.)
3. ID TAG: RAINBIRD VID SERIES.
4. REMOTE CONTROL VALVE: RAINBIRD PEB
5. PLASTIC VALVE BOX WITH PURPLE LOCKING COVER.
6. FINISH GRADE/ TOP OF MULCH.
7. PVC SCH 80 NIPPLE (CLOSE.)
8. PVC SCH 40 ELL.
9. PVC SCH 80 NIPPLE (LENGTH AS REQUIRED.)
10. BRICK (1 OF 4.)
11. PVC MAINLINE PIPE.
12. SCH 80 NIPPLE (2-INCH LENGTH, HIDDEN) AND SCH 40 ELL.)
13. PVC SCH 40 TEE OR ELL.
14. PVC SCH 40 MALE ADAPTER.
15. PVC LATERAL PIPE.
16. 3-INCH MINIMUM DEPTH OF 3/4-INCH WASHED GRAVEL.




## B2 PIPE AND WIRE TRENCHING

N.T.S.



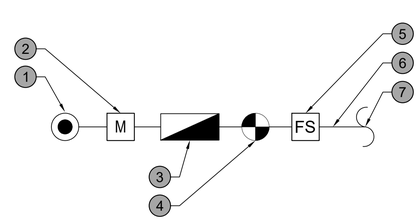

1. RUN WIRING BENEATH & BESIDE MAINLINE. TAPE & BUNDLE AT 10-FOOT INTERVALS.
2. ALL SOLVENT WELD PLASTIC PIPING TO BE SNAKED IN TRENCH AS SHOWN.
3. TIE 24-INCH LOOP IN ALL WIRING AT CHANGES OF DIRECTION OF 30 OR GREATER. UNTIE AFTER ALL CONNECTIONS HAVE BEEN MADE.

**NOTES**

1. SLEEVE BELOW ALL HARDSCAPE ELEMENTS WITH SCH. 40 PVC TO BE TWICE THE DIAMETER OF THE PIPE OR WIRE BUNDLE WITHIN.
2. PIPE AND WIRE DEPTHS TO BE A MINIMUM OF 12" DEPTH. SEE SPECIFICATIONS.
3. BACKFILL AND COMPACT TRENCHES TO THEIR ORIGINAL GRADE.

## C1 POINT OF CONNECTION

N.T.S.



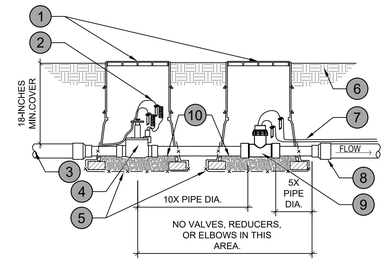

1. POINT OF CONNECTION. VERIFY LOCATION IN FIELD
2. WATER METER AS APPROVED PER CITY REQUIEMENTS.
3. BACKFLOW PREVENTION DEVICE AS APPROVED PER CITY REQUIREMENTS.
4. MASTER VALVE.
5. FLOW SENSOR.
6. IRRIGATION MAINLINE (SEE LEGEND FOR SIZE.)
7. TO VALVES.

**NOTES**

1. SEE IRRIGATION SCHEDULE FOR FULL DETAILS, SIZING, AND REQUIREMENTS.

## B1 MASTER VALVE AND FLOW SENSOR

N.T.S.



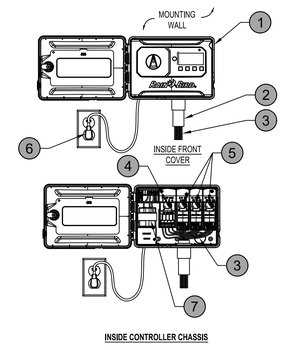

1. 14"X19" RECTANGULAR VALVE BOX WITH PURPLE COVER AND 6" EXTENSIONS AS REQUIRED (TYP.) STAMP VALVE BOX WITH 'FS' AND 'MV' PER SPECIFICATIONS.
2. WATERPROOF WIRE CONNECTORS, ON 18" LOOPED WIRES.
3. PVC MAINLINE FROM BACKFLOW DEVICE.
4. MASTER VALVE: RAINBIRD PESB-R WITH LXIVMSOL
5. AT BOTTOM OF EACH BOX: 1/2" WIRE CLOTH GOPHER SCREEN, WRAP UP SIDES, OVER BRICKS 4 PER BOX.
6. FINISHED GRADE.
7. DIRECT BURIAL CABLE (RE: NOTE BELOW)
8. REDUCER AS REQUIRED
9. FLOW SENSOR: RAINBIRD FS200P WITH LXIVMSEN
10. 3/4-INCH WASHED GRAVEL (TYP.)

**NOTES**

1. DIRECT BURIAL 1 PAIR, TWISTED SHIELDED CABLE-MINIMUM CONDUCTOR SIZE 20 AWG. DO NOT EXCEED 2,000 FEET IN LAYING DISTANCE FROM FLOW SENSOR TO IRRIGATION CONTROLLER.
2. SIZE FLOW SENSOR BASED ON REQUIRED GPM NEEDED ON PROJECT.
3. MINIMUM DISTANCES BETWEEN ANY FITTING OR VALVE AND FLOW SENSOR ARE NOTED ABOVE.

## A1 ESP-ME3 MODULAR HYBRID CONTROLLER

N.T.S.




**INSIDE CONTROLLER CHASSIS**

1. MODULAR HYBRID CONTROLLER : RAIN BIRD ESP-ME3 W/ RAIN FREEZE COMBO WR2-RFC, ATTACH TO ELECTRICAL RACK.
2. 1-INCH PVC SCH. 40 CONDUIT AND FITTINGS.
3. WIRES TO REMOTE CONTROL VALVES.
4. STANDARD MODULE FOR 4-STATION CONTROLLERS.
5. OPTIONAL MODULES FOR 22-STATION CONTROLLER.
6. STANDARD 120 V PLUG, WEATHERPROOF OUTLET.
7. 120 VAC, 60 HZ INTERNAL TRANSFORMER.

1 INCH

IF THIS LINE DOES NOT MEASURE ONE INCH THIS DRAWING IS NOT TO SCALE AND SHOULD NOT BE SCALED FOR DIMENSIONAL INFORMATION.

DESIGNER | PDK, CTW
DRAWER | PDK
CHECKER | CTW

**ISSUANCES & REVISIONS**

| NO. | DESCRIPTION | DATE |
|---|---|---|
| 01 | BID & PERMIT SET 01 | 12/10/2025 |

**IRRIGATION DETAILS**

# L2.21

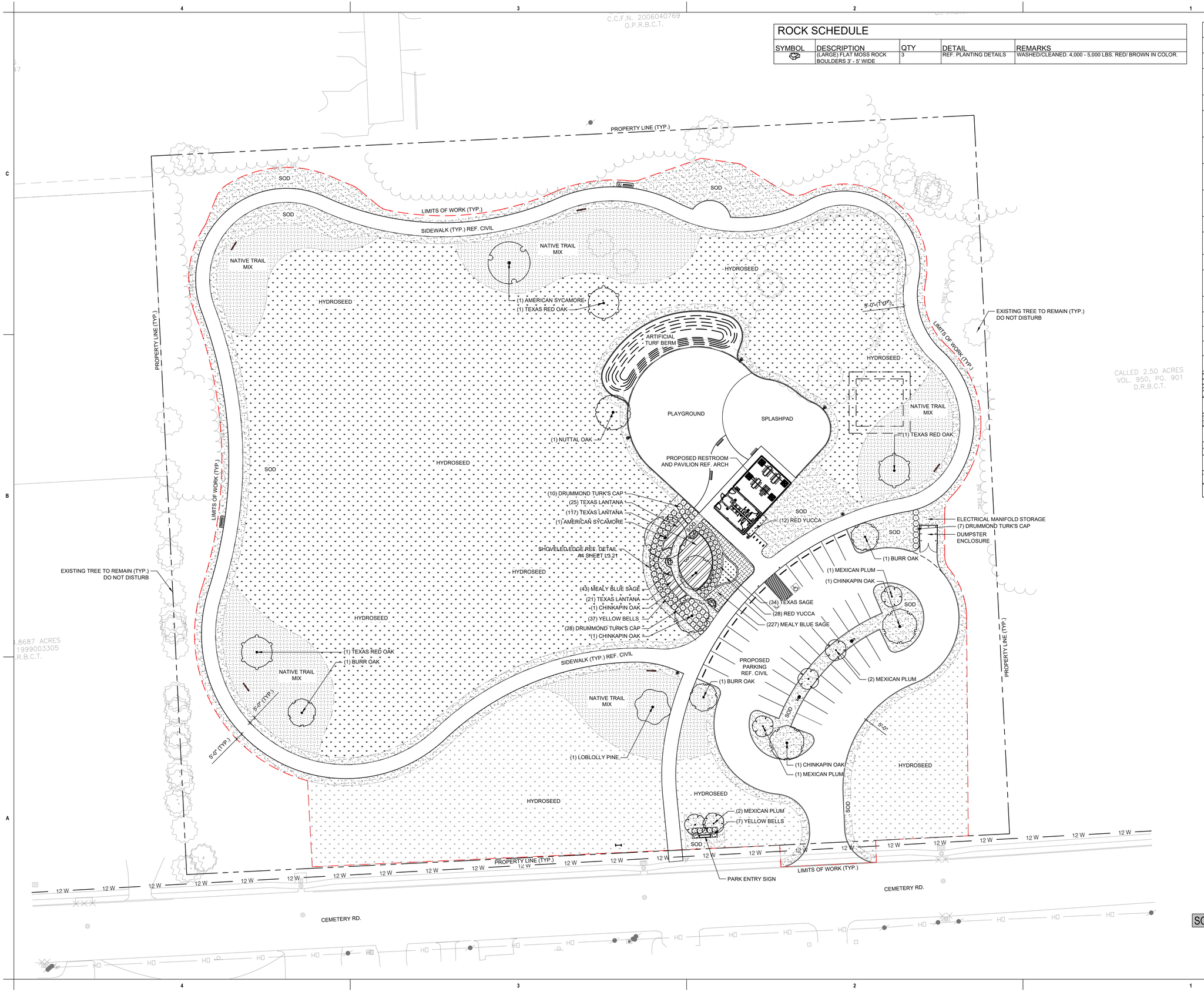
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## ROCK SCHEDULE

| SYMBOL | DESCRIPTION | QTY | DETAIL | REMARKS |
|---|---|---|---|---|
| | (LARGE) FLAT MOSS ROCK BOULDERS 3' - 5' WIDE | 3 | REF. PLANTING DETAILS | WASHED/CLEANED. 4,000 - 5,000 LBS. RED/ BROWN IN COLOR. |




## PLANT LEGEND

| SYMBOL | COMMON / BOTANICAL NAME |
|---|---|
| **TREES** | |
| | BURR OAK<br>Quercus macrocarpa |
| **DECIDUOUS LARGE TREES** | |
| | AMERICAN SYCAMORE<br>Platanus occidentalis |
| | CHINKAPIN OAK<br>Quercus acuminata |
| | NUTTAL OAK<br>Quercus texana |
| | TEXAS RED OAK<br>Quercus buckleyi |
| **DECIDUOUS SMALL TREES** | |
| | MEXICAN PLUM<br>Prunus mexicana |
| **SEMI - EVERGREEN LARGE TREES** | |
| | LOBLOLLY PINE<br>Pinus taeda |
| **LARGE SHRUBS** | |
| | DRUMMOND TURK'S CAP<br>Malvaviscus arboreus var. drummondii |
| | TEXAS SAGE<br>Leucophyllum frutescens |
| | YELLOW BELLS<br>Tecoma stans |
| **SHRUB AREAS** | |
| | RED YUCCA<br>Yucca parviflora |
| | TEXAS LANTANA<br>Lantana urticoides |
| **TRAILING/GROUND COVERS** | |
| | MEALY BLUE SAGE<br>Salvia farinacea |
| **SEED MIX** | |
| | NATIVE TRAIL MIX (SEED)<br>ITEM #1811 |
| **SOD/HYDROSEED** | |
| | (HYDROSEED) BUFFALO GRASS<br>Bouteloua dactyloides |
| | (SOD) BUFFALO GRASS<br>Bouteloua dactyloides |

## SCALE AND NORTH ARROW

0 30 ft 60 ft

SCALE: 1" = 30' - 0"

N

BURDITT Land | Place
310 Longmire Road
Conroe, TX 77304
Tel: 936.756.3041

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ISSUANCE:

**BID & PERMIT SET**

SEAL:

REGISTERED LANDSCAPE ARCHITECT
STATE OF TEXAS

12/10/2025

CITY OF ANGLETON

# ABIGAIL ARIAS PARK

301 CEMETERY ROAD ANGLETON TX, 77515

PROJECT NO. 1514.003

1 INCH

IF THIS LINE DOES NOT MEASURE ONE INCH THIS DRAWING IS NOT TO SCALE AND SHOULD NOT BE SCALED FOR DIMENSIONAL INFORMATION.

DESIGNER | PDK, CTW
DRAWER | PDK
CHECKER | CTW

**ISSUANCES & REVISIONS**

| NO. | DESCRIPTION | DATE |
|---|---|---|
| 01 | BID & PERMIT SET 01 | 12/10/2025 |

## PLANTING PLAN

**L3.01**

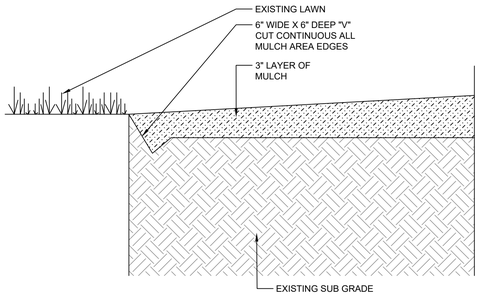
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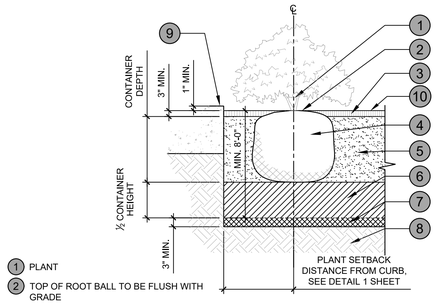
# PLANT SCHEDULE

| SYMBOL | QTY | DETAIL | COMMON NAME | BOTANICAL NAME | CONT. | CAL. | HEIGHT | SPREAD | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| TREES | | | | | | | | | | |
| | 3 | A2/L3.21 | BURR OAK | Quercus macrocarpa | 45 GAL. | 2.5-3" MIN. | 10' - 12' Min. | 5' - 6' Min. | | CONTAINER GROWN, SINGLE TRUNK, DISEASE FREE AND IN VIGOROUS CONDITION. |
| DECIDUOUS LARGE TREES | | | | | | | | | | |
| | 2 | A2/L3.21 | AMERICAN SYCAMORE | Platanus occidentalis | 45 GAL. | 2.5-3" MIN. | 10' - 12' Min. | 5' - 6' Min. | | CONTAINER GROWN, SINGLE TRUNK, DISEASE FREE AND IN VIGOROUS CONDITION. |
| | 4 | A2/L3.21 | CHINKAPIN OAK | Quercus acuminata | 30 GAL. | 2" - 2 1/2" MIN. | 8' - 10' Min. | 5' - 6' Min. | | CONTAINER GROWN, SINGLE TRUNK, DISEASE FREE AND IN VIGOROUS CONDITION. |
| | 1 | A2/L3.21 | NUTTAL OAK | Quercus texana | 45 GAL. | 2" - 2 1/2" MIN. | 8' - 10' Min. | 8' - 10' MIN. | | CONTAINER GROWN, SINGLE TRUNK, DISEASE FREE AND IN VIGOROUS CONDITION. |
| | 3 | A2/L3.21 | TEXAS RED OAK | Quercus buckleyi | 45 GAL. | 2.5-3" MIN. | 10' - 12' Min. | 5' - 6' Min. | | CONTAINER GROWN, SINGLE TRUNK, DISEASE FREE AND IN VIGOROUS CONDITION. |
| DECIDUOUS SMALL TREES | | | | | | | | | | |
| | 6 | A2/L3.21 | MEXICAN PLUM | Prunus mexicana | 30 GAL. | 1 1/2" - 2" MIN. | 6' - 8' Min. | 5' - 6' Min. | | CONTAINER GROWN, SINGLE TRUNK, DISEASE FREE AND IN VIGOROUS CONDITION. |
| SEMI - EVERGREEN LARGE TREES | | | | | | | | | | |
| | 1 | A2/L3.21 | LOBLOLLY PINE | Pinus taeda | 45 GAL. | 2" - 2 1/2" MIN. | 8' - 10' Min. | 8' - 10' Min. | | CONTAINER GROWN, SINGLE TRUNK, DISEASE FREE AND IN VIGOROUS CONDITION. |
| SYMBOL | QTY | DETAIL | COMMON NAME | BOTANICAL NAME | CONT. | HEIGHT | SPREAD | | SPACING | REMARKS |
| LARGE SHRUBS | | | | | | | | | | |
| | 45 | A3/L3.21 | DRUMMOND TURK'S CAP | Malvaviscus arboreus var. drummondii | 5 GAL. | POT | 24" MIN. | | 48" o.c. | CONTAINER GROWN, FULL, SYMMETRICAL FOLIAGE. DISEASE FREE AND IN VIGOROUS CONDITION. |
| | 34 | A3/L3.21 | TEXAS SAGE | Leucophyllum frutescens | 3 GAL. | PER GAL. | 12" Min. | | 42" o.c. | |
| | 44 | | YELLOW BELLS | Tecoma stans | 5 GAL. | 24" Min. | 24" MIN. | | 48" o.c. | CONTAINER GROWN, FULL, SYMMETRICAL FOLIAGE. DISEASE FREE AND IN VIGOROUS CONDITION. |
| SHRUB AREAS | | | | | | | | | | |
| | 40 | | RED YUCCA | Yucca parviflora | 3 GAL. | POT | 18" MIN. | | 30" o.c. | CONTAINER GROWN, FULL, SYMMETRICAL FOLIAGE. DISEASE FREE AND IN VIGOROUS CONDITION. |
| | 163 | | TEXAS LANTANA | Lantana urticoides | 3 GAL. | POT | 18" MIN. | | 30" o.c. | CONTAINER GROWN, FULL, SYMMETRICAL FOLIAGE. DISEASE FREE AND IN VIGOROUS CONDITION. |
| TRAILING/GROUND COVERS | | | | | | | | | | |
| | 270 | | MEALY BLUE SAGE | Salvia farinacea | 1 GAL. | POT | 12" MIN. | | 20" o.c. | CONTAINER GROWN, FULL, SYMMETRICAL FOLIAGE. DISEASE FREE AND IN VIGOROUS CONDITION. |
| SYMBOL | QTY | DETAIL | COMMON NAME | BOTANICAL NAME | SIZE | HEIGHT | SPREAD | | SPACING | REMARKS |
| SEED MIX | | | | | | | | | | |
| | 24,179 sf | | NATIVE TRAIL MIX (SEED) | ITEM #1811 | SQ/FT | | | | | AREA OF APPLICATION TO BE CLEANED AND REMOVE ANY DEBRIS AND SOIL CLUMPS LARGER THAN 3" IN DIAMETER. REFERENCE SEEDSOURCE.COM FOR DESCRIPTION, PLANTING, AND SEED COVERAGE. REFERENCE LANDSCAPE SPECIFICATIONS. |
| SOD/HYDROSEED | | | | | | | | | | |
| | 100,675 sf | C2/L3.21 | (HYDROSEED) BUFFALO GRASS | Bouteloua dactyloides | SQ/FT | | | | | CLEANED OF ANY DEBRIS. FULL AND WEED FREE. APPLY IN ALL DISTURBED AREAS. |
| | 31,478 sf | C1/L3.21 | (SOD) BUFFALO GRASS | Bouteloua dactyloides | Sod | - | - | | | CLEANED OF ANY DEBRIS. FULL AND WEED FREE. SOLID SOD MINIMUM 3' WIDE ALONG ALL IMPERVIOUS AREAS UNLESS SPECIFIED ON PLANS. |




## A4 SHOVELED EDGE
N.T.S.

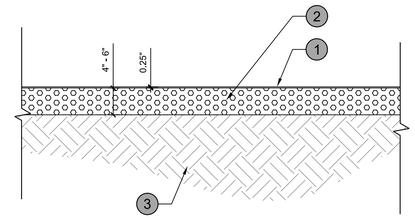
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1. PLANT
2. TOP OF ROOT BALL TO BE FLUSH WITH GRADE
3. 3" SHREDDED HARDWOOD MULCH
4. ROOT BALL
5. PLANTING MIX PER SOILS ANALYSIS
6. COMPACTED PREPARED PLANTING MIX 50% WITH PARENT MATERIAL 50%
7. 3" SCARIFIATION LAYER
8. UNDISTURBED SOIL
9. CONCRETE CURB OR SIDEWALK (IF APPLICABLE)
10. TOP OF GRADE

**NOTES**
1. CONTRACTOR SHALL SUPPLY COPY OF SOIL ANALYSIS AND SOIL MIX SAMPLE TO THE LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.

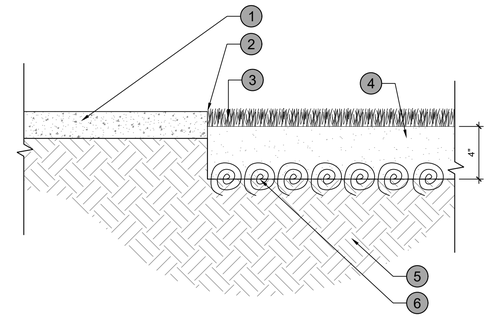
## A3 SHRUB PLANTING
N.T.S.




1. HYDROSEED SLURRY LAYER (SEED + MULCH + BINDER)
2. PREPARE TOPSOIL (4" - 6" DEPTH, FINE GRADED AND COMPACTED
3. SUBGRADE

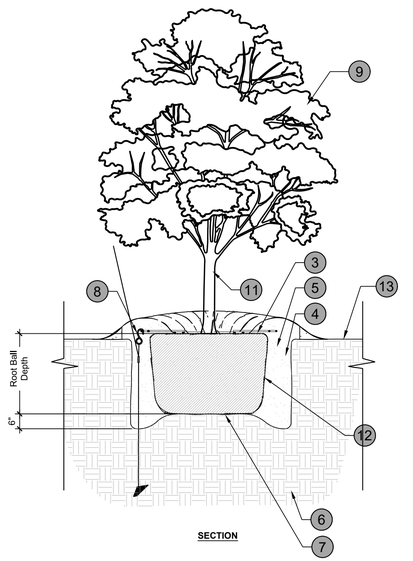
**NOTES**
1. GRADE SMOOTH, FIRM, AND FREE OF RUTS. ENSURE POSITIVE DRAINAGE
2. REMOVE SOIL CLUMPS BIGGER THAN 3"

## C2 HYDROSEED DETAIL
1/16" = 1'-0"




1. ADJACENT CONCRETE
2. TOP OF SOD TO BE FLUSH WITH TOP AND PAVEMENT
3. GRASS SOD
4. TOPSOIL
5. SUBGRADE
6. TILL SUBSOIL TO A DEPTH OF 6"

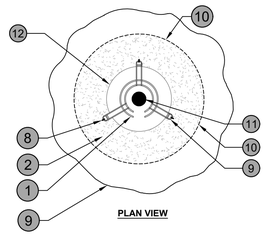
## C1 SOD DETAIL
N.T.S.




**SECTION**

| ROOT ANCHOR ITEM# | ROOT BALL & CONTAINER SIZE | QUANTITY & ANCHOR SIZE |
|---|---|---|
| 15-BG | 10 / 15 Gallon or 17" root ball | 3 - V68 Anchors |
| 30-BG | 20 / 39 Gallon or 22" root ball | 3 - V68 Anchors |
| 45/65-BG | 45 / 65 Gallon or 27-30" root ball | 3 - V68 Anchors |

1. TREE STAKE SOLUTIONS
2. 3" MULCH RING SAUCER
3. PLACE TOP OF ROOT BALL MINIMUM 1"- MAXIMUM 2" ABOVE EXISTING GRADE
4. CONTAINER WIDTH DIAMETER PLUS 24"
5. BACKFILL WITH 50% SOIL MIX AND 50% NATIVE SOIL
6. UNDISTURBED SOIL
7. BREAK THROUGH AND REMOVE ANY EXISTING "HARDPAN" AS NEEDED TO PROVIDE POSITIVE PERCOLATION AND DRAINAGE
8. "S" HOOK
9. TREE CANOPY
10. LIMIT OF HOLE (CONTAINER PLUS 24")
11. TREE TRUNK
12. LIMIT OF ROOT BALL
13. TOP OF GRADE



**PLAN VIEW**

**NOTES**
1. STEEL T-POSTS ARE NOT AN APPROVED ALTERNATE AND ARE SUBJECT TO REMOVAL WITHOUT PRIOR APPROVAL FROM THE LANDSCAPE ARCHITECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH REMOVAL AND REPLACEMENT OF UNAPPROVED MATERIALS.
2. CONTACT INFO: TREE STAKE SOLUTIONS, LLC
   9973 FM 521 ROAD
   ROSHARON, TEXAS 77583
   WWW.TREESTAKESOLUTIONS.COM

## A2 TREE STAKE SOLUTIONS
N.T.S.

**LANDSCAPE NOTES**

1. NOTIFY LANDSCAPE ARCHITECT OR DESIGNATED REPRESENTATIVE OF ANY LAYOUT DISCREPANCIES OR ANY CONDITION WHICH MAY PROHIBIT THE INSTALLATION AS SHOWN.
2. VERIFY AND LOCATE ALL UTILITIES AND SITE LIGHTING CONDUITS BEFORE LANDSCAPE CONSTRUCTION BEGINS. PROTECTION OF ALL UTILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
3. ALL LANDSCAPE PLANTING AREAS: TO OBTAIN FINAL GRADE, EXCAVATION MAY BE NECESSARY TO ACCEPT THE REQUIRED DEPTH OF TOPSOIL/COMPOST MIX WITH SURFACE DRESSING OR MULCH. ALL BEDS SHALL BE CROWNED TO ANTICIPATE SETTLEMENT AND ENSURE DRAINAGE WITHOUT DISRUPTING SURROUNDING PLANNED DRAINAGE PATHS. ANY AREAS DISTURBED FOR ANY REASON PRIOR TO FINAL ACCEPTANCE OF THE PROJECT SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.
4. ALL NEWLY PLANTED LANDSCAPED AREAS WILL BE IRRIGATED WITH AN UNDERGROUND AUTOMATIC SYSTEM.
5. QUANTITIES SHOWN ON THESE PLANS ARE FOR REFERENCE ONLY. PLANT SPACING IS AS INDICATED IN THE PLANT MATERIAL LIST UNLESS OTHERWISE NOTED. THE CONTRACTOR HAS FULL RESPONSIBILITY TO PROVIDE COVERAGE IN ALL PLANTING AREAS AS SPECIFIED.
6. ALL TREES, SHRUBS, AND GROUNDCOVERS SHALL BE INSTALLED PER PLANTING DETAILS.
7. TREES SHALL BE PLANTED AT LEAST FIVE FEET (5'-0") FROM ANY UTILITY LINE OR SIDEWALK, AND TO THE OUTSIDE OF UTILITY EASEMENTS WITH A CLEAR TEN FEET (10'-0") AROUND FIRE HYDRANTS. SHRUBS, REGARDLESS OF TYPE, SHALL NOT BE PLANTED WITHIN THIRTY INCHES (30") OF BED PERIMETERS.

**PLANTING NOTES**

8. FOR EROSION CONTROL THROUGHOUT THE PROJECT AND THE MAINTENANCE PERIOD FOR TURFGRASS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE TOPSOIL IN PLACE AT SPECIFIED GRADES. TOPSOIL AND TURFGRASS LOSSES DUE TO EROSION WILL BE REPLACED BY THE CONTRACTOR UNTIL ESTABLISHMENT AND ACCEPTANCE IS ACHIEVED.
9. CONTRACTOR TO HYDROSEED ALL DISTURBED AREAS.
10. FOR SOIL PREPARATION ALL SLOPES AND AREAS DISTURBED BY CONSTRUCTION, EXCEPT THOSE OCCUPIED BY BUILDINGS, STRUCTURES, OR PAVING SHALL BE GRADED SMOOTH AND FOUR INCHES (4") OF TOPSOIL APPLIED. IF ADEQUATE TOPSOIL IS NOT AVAILABLE ONSITE, THE CONTRACTOR SHALL PROVIDE TOPSOIL AS APPROVED BY THE OWNER. THE AREA SHALL BE DRESSED TO TYPICAL SECTIONS AND PLOWED TO A DEPTH OF FIVE INCHES (5"). SOIL SHALL BE FURTHER PREPARED BY THE REMOVAL OF DEBRIS, WEEDS AND STONES LARGER THAN 3/4 INCH IN DIAMETER. AFTER TILLAGE AND CLEANING, ALL AREAS TO RECEIVE TURF SHALL BE LEVELED, FINE GRADED, AND DRUG WITH A WEIGHTED SPIKE HARROW OR FLOAT DRAG.
11. TURFGRASS SOD SHALL BE AS PER LANDSCAPE PLAN. SOD SHALL CONSIST OF STOLONS, LEAF BLADES, RHIZOMES AND ROOTS WITH A HEALTHY, VIRILE SYSTEM OF DENSE, THICKLY MATTED ROOTS THROUGHOUT THE SOIL OF THE SOD FOR A THICKNESS NOT LESS THAN THREE-QUARTERS (3/4") INCH. SOD SHALL BE ALIVE, HEALTHY, VIGOROUS, FREE OF INSECTS, DISEASE, STONES, AND UNDESIRABLE FOREIGN MATERIALS AND GRASSES. THE GRASS SHALL HAVE BEEN MOWED PRIOR TO SOD CUTTING SO THAT THE HEIGHT OF GRASS SHALL NOT EXCEED TWO INCHES (2"). SOD SHALL HAVE BEEN PRODUCED ON GROWING BEDS OF CLAY-LOAM TOPSOIL. SOD SHALL NOT BE HARVESTED OR PLANTED WHEN ITS MOISTURE CONDITION IS SO EXCESSIVELY WET OR DRY THAT ITS SURVIVAL WILL BE AFFECTED. ALL SOD IS TO BE HARVESTED, DELIVERED, AND PLANTED WITHIN A THIRTY-SIX (36) HOUR PERIOD OF TIME. SOD SHALL BE PROTECTED FROM EXPOSURE TO WIND, SUN, AND FREEZING. SHOULD INSTALLATION OCCUR BETWEEN NOVEMBER AND MARCH, SOD SHALL INCLUDE AN OVER-SEED OF ANNUAL RYE FOR A GROWN-IN APPEARANCE.
12. IN THE ABSENCE OF AN IRRIGATION SYSTEM OR AREAS BEYOND THE COVERAGE LIMITS OF A PERMANENT IRRIGATION SYSTEM, CONTRACTOR SHALL WATER SOD TEMPORARILY TO DEVELOP ADEQUATE GROWTH AND ESTABLISHMENT BEFORE REGULAR MAINTENANCE BEGINS. TURF SHALL BE WATERED UNTIL FIRMLY ESTABLISHED.
13. WATER SHALL BE FURNISHED BY THE CONTRACTOR WITH MEANS AND METHODS AVAILABLE TO ACHIEVE ACCEPTABLE TURF. THE WATER SOURCE SHALL BE CLEAN AND FREE OF INDUSTRIAL WASTES OR OTHER SUBSTANCES HARMFUL TO THE GROWTH OF THE TURF.
14. VEGETATION SHOULD BE INSPECTED REGULARLY TO ENSURE THAT PLANT MATERIAL IS ESTABLISHED PROPERLY AND REMAINS HEALTHY. MOWING, TRIMMING AND SUPERVISION OF WATER APPLICATIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL THE OWNER OR OWNER'S REPRESENTATIVE ACCEPTS AND ASSUMES REGULAR MAINTENANCE.
15. TOPSOIL SALVAGED FROM THE SITE MAY BE USED PROVIDED IT MEETS THE BELOW SPECIFICATIONS AS DESCRIBED.
16. TOPSOIL SHALL BE A CLEANED SANDY LOAM. TOPSOIL SHALL NOT BE A MIXTURE OF CONTRASTING TEXTURED SOILS AND SHALL CONTAIN NO ROOTS, GRAVEL, ROCKS, AND UNDESIRABLE OBJECTS.
17. THE SUBSOIL SHALL BE TILLED TO A MINIMUM DEPTH OF SIX INCHES (6") BEFORE PLACEMENT OF TOPSOIL.
18. MAINTAIN EROSION AND SEDIMENT CONTROL PRACTICES DURING TOPSOILING AND AFTER UNTIL ESTABLISHMENT OF GRASS.
19. TOPSOIL SHALL BE UNIFORMLY DISTRIBUTED AND LIGHTLY COMPACTED TO A MINIMUM THICKNESS OF 4 INCHES.
20. ANY IRREGULARITIES IN THE SURFACE SHALL BE CORRECTED IN ORDER TO PREVENT THE FORMATION OF DEPRESSIONS.
21. TOPSOIL SHALL NOT BE PLACED WHILE TOPSOIL IS IN A FROZEN OR MUDDY CONDITION AND WHILE SUBSOIL IS EXCESSIVELY WET.

## A1 PLANTING GENERAL NOTES


BURDITT Land | Place
310 Longmire Road
Conroe, TX 77304
Tel: 936.756.3041



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**ISSUANCE:**

**BID & PERMIT SET**

**SEAL:**

REGISTERED LANDSCAPE ARCHITECT 2381 STATE OF TEXAS

12/10/2025

CITY OF ANGLETON

# ABIGAIL ARIAS PARK

301 CEMETERY ROAD ANGLETON TX, 77515

PROJECT NO. 1514.003

1 INCH

IF THIS LINE DOES NOT MEASURE ONE INCH THIS DRAWING IS NOT TO SCALE AND SHOULD NOT BE SCALED FOR DIMENSIONAL INFORMATION.

DESIGNER | PDK, CTW
DRAWER | PDK
CHECKER | CTW

**ISSUANCES & REVISIONS**

| NO. | DESCRIPTION | DATE |
|---|---|---|
| 01 | BID & PERMIT SET 01 | 12/10/2025 |

**PLANTING DETAILS**

# L3.21

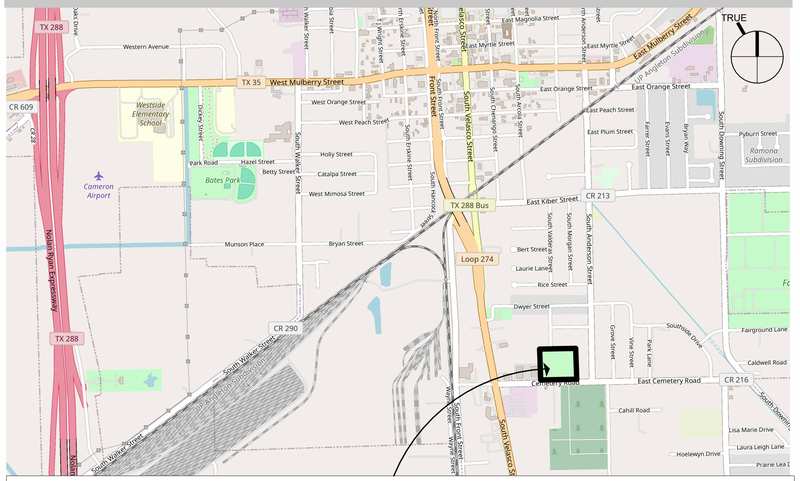

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## PROJECT LOCATION






# ABIGAIL ARIAS PARK

## GENERAL NOTES

1. THE CONTRACTOR SHALL VIEW ALL DRAWINGS, SPECIFICATIONS, ADDENDA, ETC. AND INFORM THE ARCHITECT OF ANY DISCREPANCIES IN THE DOCUMENTS AND OBTAIN CLARIFICATION PRIOR TO THE SUBMISSION OF THE BID.

2. EXISTING CONDITIONS AND DIMENSIONS SHOWN ON THESE DRAWINGS ARE ASSUMED BY THE ARCHITECT BASED ON AVAILABLE INFORMATION. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND NOTIFY THE ARCHITECT OF ANY DEVIATION OR CONFLICTS.

3. THESE DRAWINGS SHALL NOT BE SCALED. DRAWINGS HAVE BEEN DIMENSIONED IN ORDER TO ESTABLISH THE CONTROL AND GUIDELINES FOR FIELD LAYOUT. THE CONTRACTOR IS TO REFER TO THE DIMENSIONS INDICATED OR THE ACTUAL SIZES OF CONSTRUCTION ITEMS. WHERE A DISCREPANCY EXISTS, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT.

4. DETAILS ARE KEYED WITH ASSOCIATED NOTES. THE DETAILS ARE TYPICAL FOR SIMILAR LOCATIONS. THE CONTRACTOR IS RESPONSIBLE TO COORDINATE THE LOCATION OF ALL TYPICAL DETAILS AND INSTALL WORK ACCORDINGLY.

5. THE CONTRACTOR SHALL NOTIFY THE OWNER TEN (10) WORKING DAYS IN ADVANCE OF STARTING CONSTRUCTION AND SHALL COORDINATE NECESSARY INSPECTIONS THROUGHOUT FINAL APPROVAL AND OCCUPANCY.

6. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES

7. ANY DAMAGE TO EXISTING FACILITIES, ELEMENTS, FEATURES, AND IMPROVEMENTS, RESULTING FROM THE CONTRACTOR'S OPERATION, SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.

8. CONTRACTOR SHALL EXPOSE, VERIFY, CONNECT AND MATCH EXISTING UTILITIES AND IMPROVEMENTS, IN CONFORMANCE WITH THE INTENT OF THESE PLANS AND SPECIFICATIONS, TO PROVIDE COMPLETE AND OPERATIONAL SYSTEMS.

9. DURING THE COURSE OF THE WORK, THE CONTRACTOR SHALL COORDINATE AND ACCOMMODATE OTHER CONTRACTORS OR OPERATIONS OF THE OWNER.

10. THE CONTRACTOR SHALL EMPLOY ALL LABOR, EQUIPMENT, AND METHODS REQUIRED TO PREVENT HIS OPERATIONS FROM PRODUCING DUST IN AMOUNTS DAMAGING TO PROPERTY, CULTIVATED VEGETATION, DOMESTIC ANIMALS, AND CAUSING A NUISANCE TO PERSONS OCCUPYING BUILDINGS IN THE VICINITY OF THE JOB SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY DUST RESULTING FROM HIS OPERATIONS.

11. CONTRACTOR SHALL RESTRICT ALL OPERATIONS WITHIN THE PROJECT BOUNDARIES. ANY DISRUPTION TO LANDSCAPES, OUTSIDE OF PROJECT BOUNDARIES SHALL BE RESTORED BY THE CONTRACTOR AT NO COST TO THE OWNER.

12. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT "UNDERGROUND LOCATE SERVICE" AT LEAST 48 BUSINESS-DAY HOURS PRIOR TO THE START OF CONSTRUCTION FOR THE LOCATION OF POWER, GAS, OIL, CABLE TV, DATA, AND TELEPHONE FACILITIES. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR CONTRACTING THE APPROPRIATE PUBLIC AGENCY FOR THE LOCATION OF UNDERGROUND FACILITIES.

13. VERIFY IN FIELD (V.I.F.): IT IS THE CONTRACTOR `S RESPONSIBILITY TO FIELD VERIFY PORTIONS OF THE WORK PRIOR TO COMPLETION OF SUBMITTALS FOR FUTURE PORTIONS OF THE WORK. FAILURE TO FIELD VERIFY DIMENSIONS RESULTING IN NON-CONFORMING WORK SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.

14. ALL EXISTING TREES TO REMAIN SHALL BE PROTECTED WITH ORANGE CONSTRUCTION FENCING PLACED AT THE DRIPLINE OF CANOPY.

15. THE CONTRACT DOCUMENTS ARE COMPREHENSIVE AS A WHOLE AND THE CONTRACTOR SHALL COORDINATE ALL REQUIREMENTS IN DRAWINGS, SPECIFICATIONS, REGULATORY REQUIREMENTS, AND ADDENDA.

16. CORRELATION AND INTENT OF CONTRACT DOCUMENTS:

17. THE INTENT OF THE CONTRACT DOCUMENTS IS TO INCLUDE ALL ITEMS NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK BY THE CONTRACTOR. THE CONTRACT DOCUMENTS ARE COMPLEMENTARY, AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL; PERFORMANCE BY THE CONTRACTOR SHALL BE REQUIRED ONLY TO THE EXTENT CONSISTENT WITH THE CONTRACT DOCUMENTS AND REASONABLY INFERABLE FROM THEM AS BEING NECESSARY TO PRODUCE THE INDICATED RESULTS.

18. IF A CONFLICT, ERROR, OMISSION, OR LACK OF DETAILED DESCRIPTION IS DISCOVERED IN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT AND REQUEST CLARIFICATION. THE ARCHITECT WILL RESOLVE THE CONFLICT AND MAKE ANY CORRECTIONS OR INTERPRETATIONS NECESSARY TO FULFILL THE INTENT OF THE CONTRACT DOCUMENTS.

19. WHERE NOTES REFERENCE OTHER DISCIPLINES, SUCH AS:

(RE:STRUCTURAL), (RE: CIVIL), (RE: LANDSCAPE),(RE: MEP), (RE: MECHANICAL), (RE: PLUMBING), (RE: ELECTRICAL), (RE: TECHNOLOGY), (RE: SECURITY), ETC., REFER TO ENGINEER'S DRAWINGS AND/OR SPECIFICATIONS FOR ADDITIONAL DETAILS AND INFORMATION. ITEMS SO NOTED ARE TO BE INCLUDED IN THE CONTRACT WHETHER OR NOT ENGINEER'S DRAWINGS AND SPECIFICATIONS CONTAIN ADDITIONAL INFORMATION OR REQUIREMENTS FOR EACH SPECIFIC ITEM NOTED. UPON FINDING A DISCREPENCY OR APPARENT LACK OF COORDINATING INFORMATION IN ENGINEER'S DRAWINGS OR SPECIFICATIONS. CONTRACTOR SHALL REQUEST ADDITIONAL INFORMATION FROM ARCHITECT IN ADVANCE TO AVOID COST OR TIME IMPACT.

## BID ALTERNATES

## UTILITY PROVIDERS

## CODE INFORMATION

## PROJECT DESCRIPTION

RESTROOM PAVILION BUILDING FOR NEWLY DEVELOPED PARK IN THE CITY OF ANGLETON. BUILDING CONSTRUCTED WITH CONCRETE MASONRY UNITS, WOOD LUMBER, AND ARCHITECTURALLY EXPOSED STRUCTURAL STEEL. PROGRAM INCLUDES 2 TOILET ROOMS, 1 FOR MEN, 1 FOR WOMEN.

## 48 HOUR NOTICE

CONTRACTOR SHALL NOTIFY THE CITY PRIOR TO COMMENCING CONSTRUCTION AND/OR BACKFILLING ANY UTILITIES. CONTRACTOR(S) TO CONTACT THE PUBLIC REVIEW DEPARTMENT.

## DRAWING SYMBOLS LEGEND

NEW PARTITION

EXISTING PARTITION

DEMOLISHED PARTITION

PARTIAL HEIGHT PARTITION

TEMPORARY PARTITION

LEVEL LINE — NAME OF LEVEL / ELEVATION

GRID LINE — #

DOOR NUMBER — 000

WALL TYPE — A0-A

WINDOW TYPE — A

NOTE TYPE — A

REVISION — A

ROOM FINISH LEGEND

ROOM NAME ###

| | | | |
|---|---|---|---|
| N | W-# | E | W-# |
| S | W-# | W | W-# |
| F | F-# | B | B-# |

FLOOR FINISH — WALL FINISHES — BASE TYPE

ROOM CEILING LEGEND

ROOM NAME ###

| | |
|---|---|
| C | C-# |

CEILING TYPE/FINISH

CASEWORK TAG — MODEL ### — WIDTH #" — DEPTH #" — HEIGHT

VIEW REVERENCE — # / A###

BUILDING SECTION — VIEW NUMBER / SHEET NUMBER

WALL SECTION — 1 / A#.##

VIEW REFERENCE SUFFIXES:
- SIM (SIMILAR)
- O.H. (OPPOSITE HAND)
- TYP (TYPICAL)

SECTION DETAIL — 1 / A#.##

ENLARGED CALLOUT — 1 / A#.##

EXTERIOR ELEVATION — 1 / A#.##

INTERIOR ELEVATION — # / A###

## ABBREVIATIONS

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| AD | AREA DRAIN | D.P. | DAMP PROOFING | GB | GRAB BAR | MFR | MANUFACTURER | S.S. | STAINLESS STEEL |
| AFF | ABOVE FINISH FLOOR | D.S. | DOWNSPOUT | G.C. | GENERAL CONTRACTOR | MO | MASONRY OPENING | SAN. | SANITARY |
| A.P. | ACCESS PANEL | DBL. | DOUBLE | GA | GAUGE | MIN | MINIMUM | SCHED | SCHEDULE |
| A/C | AIR CONDITIONING | DEMO. | DEMOLITION | GALV | GALVANIZED | MIR | MIRROR | SEC | SECURITY |
| ABV. | ABOVE | DEPT. | DEPARTMENT | GFRG | GLASS FIBER REINFORCED GYPSUM | MISC | MISCELLANEOUS | SECT | SECTION |
| ACOUS. | ACOUSTICAL | DET. / DTL | DETAIL | GL | GLASS | MNTD | MOUNTED | SEW | SEWER |
| ACP. | ACOUSTICAL CEILING PANEL | DIA. / DIAM. | DIAMETER | GND | GROUND | MTL | METAL | SGL | SINGLE |
| ADDTL. | ADDITIONAL | DIM. | DIMENSION | GR | GRADE | MUL | MULLION | SHT | SHEET |
| ADJ. | ADJUSTABLE OR ADJACENT | DISP. | DISPENSER | GRN | GRANITE | | | SHWR | SHOWER |
| AL | ALUMINUM | DN | DOWN | GSW | GYPSUM SHAFT WALL | N | NORTH | SIM | SIMILAR |
| ANCH | ANCHOR | DR. | DOOR | GYP. BD. | GYPSUM BOARD | NIC | NOT IN CONTRACT | SPEC | SPECIFICATIONS |
| APPROX. | APPROXIMATE | DRN. | DRAIN | | | NTS | NOT TO SCALE | SPKR | SPEAKER |
| ARCH | ARCHITECTURAL | DWG | DRAWING | H.B. | HOSE BIB | NO | NUMBER | SQ | SQUARE |
| ASPH. | ASPHALT | DWGS | DRAWINGS | H.C. | HOLLOW CORE | NOM | NOMINAL | SQ.FT. / SF | SQUARE FOOT |
| ASSY. | ASSEMBLY | DWR. | DRAWER | H.K. | HOUSEKEEPING | | | SQ.YD. / SY | SQUARE YARD |
| ATC | ACOUSTICAL CEILING TILE | | | H.M. | HOLLOW METAL | OC | ON CENTER | STA | STATION |
| AUTO. | AUTOMATIC | E | EAST | HCP | HANDICAPPED | OCEW | ON CENTER EACH WAY | STD | STANDARD |
| AWC | ACOUSTICAL WALL PANELS | EJ | EXPANSION JOINT | HD | HAND | OD | OUTSIDE DIAMETER/DIMENSION | STL | STEEL |
| | | E.S. | EXPOSED STRUCTURE | HDW | HARDWARE | OFF | OFFICE | STOR | STORAGE |
| BL | BUILDING LINE | E.W. | EACH WAY | HDWD | HARDWOOD | OPNG | OPENING | STRUCT. | STRUCTURE OR STRUCTURAL |
| BO | BOTTOM OF | E.W.C. | ELECTRIC WATER COOLER | HNDRL | HANDRAIL | OPP | OPPOSITE | SUSP. | SUSPENDED |
| BD | BOARD | EA | EACH | HORIZ. | HORIZONTAL | OPP. HD | OPPOSITE HAND | SYM | SYMMETRICAL |
| BLDG. | BUILDING | EL / ELEV | ELEVATION | HR | HORIZONTAL | OPCI | OWNER PROVIDED CONTRACTOR INSTALLED | | |
| BLK. | BLOCK | ELEC. | ELECTRICAL | HT. | HEIGHT | OPOI | OWNER PROVIDED OWNER INSTALLED | TG | TOUNGUE & GROOVE |
| BM. | BEAM | EMERG | EMERGENCY | HVAC | HEATING, VENTILATION, AIR CONDITIONING | OVHD. | OVERHEAD | T | TREAD |
| BOT. | BOTTOM | ENCL. | ENCLOSURE | | | OZ | OUNCE | T OR TEMP | TEMPERED |
| BRK. | BREAK | EQ | EQUAL | I.D. | INSIDE DIAMETER/DIMENSION | | | TOC | TOP OF CONCRETE |
| BRKT | BRACKET | EQUIP. | EQUIPMENT | IN | INCH | P.C. | PRECAST | TOCMU | TOP OF CMU |
| BSMT. | BASEMENT | EXIST. | EXISTING | INCL. | INCLUDE | PLAM | PLASTIC LAMINATE | TOD | TOP OF DECK |
| BTWN. | BETWEEN | EXPAN | EXPANSION | INFO. | INFORMATION | PAV. | PAVING | TOP | TOP OF PARAPET |
| | | EXT. | EXTERIOR | INSUL. | INSULATION | PC. | PIECE | TOS | TOP OF STEEL |
| CB | CATCH BASIN | | | INT | INTERIOR | PL. | PLATE | TOSS | TOP OF STRUCTURAL SLAB |
| C.G. | CORNER GUARD | FA | FIRE ALARM | INV | INVERT | PLAS | PLASTIC | T.V. | TELEVISION |
| C.I. | CAST IRON | F.D. | FLOOR DRAIN | | | PLBG | PLUMBING | TEL | TELEPHONE |
| C.I.P. | CAST IN PLACE | F.E. | FIRE EXTINGUISHER | JAN CLO | JANITOR CLOSET | PLYWD. | PLYWOOD | THK | THICK |
| C.J. | CONTROL JOINT | F.E.C. | FIRE EXTINGUISHER CABINET | JAN. | JANITOR | PMMP | PREMANUFACTURED METAL PANEL | TLT | TOILET |
| C.O. | CLEAR OPENING | FF | FINISH FLOOR | JST | JOIST | PNT | PAINT | TYP | TYPICAL |
| C.T. | CEREAMIC TILE | F.H.C. | FIRE HOSE CABINET | JT | JOINT | POL | POLISHED | | |
| CAB. | CABINET | F.HT. | FULL HEIGHT | J-BOX | JUNCTION BOX | PR | PAIR | UNO | UNLESS NOTED OTHERWISE |
| CER. | CERAMIC | F.O.C. | FACE OF CONCRETE | | | PRCST | PRECAST | UNF | UNFINISHED |
| CFMF | COLD FORMED METAL FRAMING | F.O.F. | FACE OF FINISH | L | LEG | PREMANUF. | PREMANUFACTURED | UR | URINAL |
| CLG. | CEILING | F.O.S. | FACE OF STUD | LAB | LABORATORY | PR | POINT | | |
| CLO. | CLOSET | F.S. | FULL SIZE | LAM | LAMINATE | PTD | PAINTED | VIF | VERIFY IN FIELD |
| CLR | CLEAR | F.V.C. | FIRE VALVE CABINET | LAND. | LANDSCAPE | PTN | PARTITION | VB | VAPOR BARRIER |
| CMU | CONCRETE MASONRY UNIT | FDN | FOUNDATION | LAV. / LV | LAVATORY | | | VERT | VERTICAL |
| CONT. | CONTINUOUS | FIN | FINISH | LKR. | LOCKER | RE. | REFERENCE | VEST | VESTIBULE |
| COL. | COLUMN | FL | FLOOR | LT. | LIGHT | REFG | REFRIGERATOR | | |
| CONC. | CONCRETE | FLASH | FLASHING | | | REINF | REINFORCED | W | WEST |
| CONN. | CONNECTION | FLUOR. | FLORESCENT | M | METER | REQ | REQUIRED | WB | WIND BRACE |
| CONST. | CONSTRUCTION | FPRF | FIREPROOFING | M.H. | MAN HOLE | RESIL | RESILIENT | WC | WATER CLOSET |
| CORR | CORRIDOR | FR | FRAME | MAS. | MASONRY | REV | REVISION | WI | WITH |
| CPT | CARPET | FRD. | FIR-DOWN | MATL | MATERIAL | | | W/O | WITHOUT |
| CPTT | CARPET TILE | FRP | FIBERGLASS REINFORCED PLASTIC | MAX | MAXIMUM | RL | REFLECTED | WD | WOOD |
| CS | CRAWLSPACE | FSTNR. | FASTENER | MBL. | MARBLE | RM | ROOM | WDW | WINDOW |
| CTR. | CENTER | FT. | FEET | MECH | MECHANICAL | RO | ROUGH OPENING | WR/GB | WATER RESISTANT GYP. BOARD |
| CTRL | CONTROL | FTG. | FOOTING | MEMB | MEMBRANE | | | WSCT | WAINSCOT |
| | | FURR | FURRING | MEP | MECHANICAL, ELECTRICAL, PLUMBING | S | SOUTH | WT | WEIGHT |
| D.F. | DRINKING FOUNTAIN | FUT. | FUTURE | | | S.C. | SOLID CORE | WP | WORKING POINT |
| D.O. | DOOR OPENING | FV | FIELD VERIFY | | | S.H. | SPRINKLER HEAD | | |

## PROJECT TEAM

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THIS PROJECT & THE IDEAS HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, IS THE PROPERTY OF THE ARCHITECT & IS NOT TO BE USED IN WHOLE OR IN PART, WHITHOUT THE AUTHORIZATION OF BURDITT CONSULTANTS, LLC.

ISSUANCE:

**BID & PERMIT SET**
**12/10/25**

SEAL:

REGISTERED ARCHITECT — MARK F. GOULAS — 12034 — STATE OF TEXAS

**12/10/25**

CITY OF ANGLETON

**ABIGAIL ARIAS PARK** — PROJECT NO. | 1514.003

301 CEMETERY ROAD, TEXAS 77515

DESIGNER | MG, OG
DRAWER | JT,CV
CHECKER | MG,MK

**ISSUANCES & REVISIONS**

| NO. | DESCRIPTION | DATE |
|---|---|---|
| | | |
| | | |
| | | |

# BUILDING CODE ANALYSIS

**APPLICABLE CODES**

- 2015 INTERNATIONAL ENERGY CODE
- 2015 INTERNATIONAL FUEL GAS CODE
- 2015 INTERNATIONAL MECHANICAL CODE
- 2015 INTERNATIONAL PLUMBING CODE
- 2015 INTERNATIONAL BUILDING CODE
- 2015 INTERNATIONAL RESIDENTIAL CODE
- 2014 NFPA 70 NATIONAL ELECTRIC CODE
- 2015 INTERNATIONAL FIRE CODE
- 2012 TEXAS ACCESSIBILITY STANDARDS

**CITY ORDINANCES**

**PARKING REQUIREMENTS**

- COMMERCIAL AMUSEMENT (OUTDOOR): 10 SPACES + 1 SPACE PER 500 S.F. OF RECREATIONAL AREA
  10 SPACES + 23 SPACES (11,500 S.F. / 500 S.F.) = 33 SPACES | 35 PROVIDED

- ADA PARKING REQUIRED: 2 SPACES

**(CHAP. 3) OCCUPANCY CLASSIFICATION AND USE**

**OCCUPANCY CLASSIFICATION:**

A-3 ASSEMBLY

**BUILDING AREA:**

GROSS SQUARE FOOTAGE = 596 S.F.

**(CHAP. 5) GENERAL BUILDING HEIGHTS AND AREAS**

- OCCUPANCY CLASSIFICATION = A-3
- CONSTRUCTION TYPE = VB, UNSPRINKLERED (NS)

**TABLE 504.3 ALLOWABLE BUILDING HEIGHT ABOVE GRADE PLANE**

- ALLOWABLE HEIGHT = 40`-0"
- PROPOSED HEIGHT = 18'-0"

**TABLE 504.4 ALLOWABLE NUMBER OF STORIES ABOVE GRADE PLANE**

- ALLOWABLE STORIES = 1 STORY
- PROPOSED STORIES = 1 STORY

**TABLE 506.2.1 ALLOWABLE AREA (Aa) OF SINGLE-OCCUPANCY BUILDING**

- ALLOWABLE AREA - 6,000 S.F.
- PROPOSED AREA = 596 S.F.

**(CHAP. 6) TYPES OF CONSTRUCTION**

**TABLE 601 FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (HOURS)**

- TYPE VB = 0 HOURS

**(CHAP. 7) FIRE AND SMOKE PROTECTION FEATURES**

**TABLE 705.2 MINIMUM DISTANCE OF PROJECTION**

- MINIMUM DISTANCE FROM LINE USED TO DETERMINE FSD AT ALL WALLS = 20 FEET (FSD > 30 FEET)

**SECTION 705.8 OPENINGS**
- NO LIMIT

**SECTION 705.11 PARAPETS**
- NO PARAPETS REQUIRED PER EXCEPTION 1 (TYPE VB CONSTRUCTION)

**(CHAP. 9) FIRE PROTECTION AND LIFE SAFETY SYSTEMS**

**SECTION 903 AUTOMATIC SPRINKLER SYSTEMS**
- NOT REQUIRED

**SECTION 906 PORTABLE FIRE EXTINGUISHERS**
- LIGHT (LOW) HAZARD OCCUPANCY
- MINIMUM-RATED SINGLE EXTINGUISHER = 2-A
- MAXIMUM FLOOR AREA PER UNIT OF A = 3,000 S.F.
- MAXIMUM FLOOR AREA FOR EXTINGUISHER = 11,250 S.F.
- MAXIMUM DISTANCE OF TRAVEL TO EXTINGUISHER = 75 FEET

**(CHAP. 10) MEANS OF EGRESS**

**TABLE 1004.5 MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT**

GROUND FLOOR
- BUSINESS AREAS = 596 S.F. / 100 S.F. = 6 OCCUPANTS

**TABLE 1006.2.1 SPACES WITH ONE EXIT OR EXIT ACCESS DOORWAY**

- MAX. OCCUPANT LOAD OF SPACE = 49 OCCUPANTS
- MAXIMUM COMMON PATH OF EGRESS TRAVEL DISTANCE = 75 FEET

**SECTION 1013 EXIT SIGNS**

- NO EXIT SIGNS REQUIRED PER SECTION 1013.1, EXCEPTION 1

**TABLE 1017.2 MAXIMUM EXIT ACCESS TRAVEL DISTANCE**

- MAXIMUM EXIT ACCESS TRAVEL DISTANCE = 200 FEET
- ACTUAL EXIT ACCESS TRAVEL DISTANCE = APPROXIMATELY 26 FEET

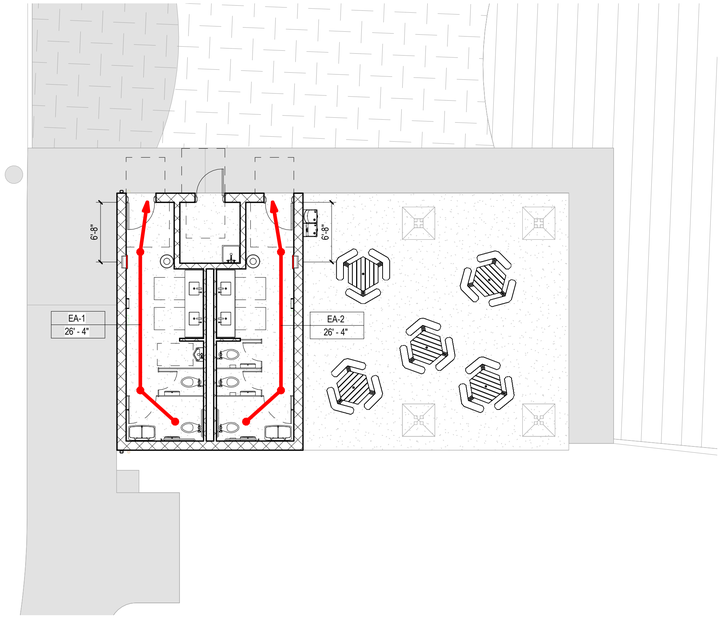
**(CHAP. 29) PLUMBING SYSTEMS**

**SECTION 2902.2 SEPARATE FACILITIES**

- SEPARATE FACILITIES ARE REQUIRED.

**TABLE 2902.1 MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES**
GROUND FLOOR CALCULATED AS BUSINESS

- WATER CLOSETS
  MEN = 3 OCCUPANTS / 25 = 1 REQUIRED | 2 PROVIDED
  WOMEN = 3 OCCUPANTS / 25 = 1 REQUIRED | 3 PROVIDED
- URINALS
  MEN = 0 REQUIRED | 1 PROVIDED
- LAVATORIES
  MEN = 3 OCCUPANTS / 40 = 1 REQUIRED | 2 PROVIDED
  WOMEN = 3 OCCUPANTS / 40 = 1 REQUIRED | 3 PROVIDED
- BATHTUBS/SHOWERS = 0 REQUIRED | 0 PROVIDED
- DRINKING FOUNTAIN = 2 REQUIRED | 2 PROVIDED (1 WHEELCHAIR ACCESSIBLE AND 1 FOR STANDING PEOPLE)
- SERVICE SINK = 1 REQUIRED | 1 PROVIDED




01 LIFE SAFETY PLAN
1/8" = 1'-0"

# INDEX OF DRAWINGS


| SHEET NO. | SHEET NAME |
|---|---|
| 01 - GENERAL | |
| G1.01 | TREE PRESERVATION PLAN |
| G1.21 | TREE PRESERVATION DETAILS AND NOTES |
| 02 - CIVIL | |
| C1.01 | GRADING PLAN |
| C1.02 | DRAINAGE AREA MAP |
| C1.03 | UTILITY PLAN |
| 03 - LANDSCAPE | |
| L0.01 | SITE DIMENSIONAL PLAN |
| L1.01 | HARDSCAPE PLAN |
| L1.20 | HARDSCAPE SCHEDULE |
| L1.21 | HARDSCAPE DETAILS |
| L1.22 | HARDSCAPE DETAILS |
| L1.23 | HARDSCAPE DETAILS |
| L2.01 | IRRIGATION PLAN |
| L2.21 | IRRIGATION DETAILS |
| L3.01 | PLANTING PLAN |
| L3.21 | PLANTING DETAILS |
| 04 - ARCHITECTURE | |
| A0.00 | ARCHITECTURE COVER |
| A1.00 | CODE ANALYSIS & LIFE SAFETY PLAN |
| A1.01 | FLOOR PLAN |
| A1.02 | ROOF PLAN AND RCP PLAN |
| A2.01 | BUILDING ELEVATIONS |
| A3.01 | BUILDING SECTIONS |
| A3.02 | BUILDING SECTIONS |
| A4.01 | INTERIOR ELEVATIONS |
| A5.00 | SECTION DETAILS |
| A5.01 | SECTION DETAILS |
| A5.02 | SECTION DETAILS |
| A6.00 | PERSPECTIVES |
| A7.00 | SCHEDULES |
| A7.01 | TYPICAL DIAGRAMS & RR ACCESSORY SCHEDULE |
| 05 - STRUCTURAL | |
| S0.01 | GENERAL NOTES |
| S1.01 | FOUNDATION PLAN |
| S1.02 | ROOF FRAMING PLAN |
| S2.10 | GENERAL FRAMING SECTIONS |
| S3.00 | TYPICAL FOUNDATION DETAILS |
| S3.01 | TYPICAL FOUNDATION DETAILS |
| S3.02 | TYPICAL FOUNDATION DETAILS |
| S3.03 | FOUNDATION DETAILS |
| S3.11 | ROOF FRAMING DETAILS |
| S5.01 | TYPICAL MASONRY DETAILS |
| 06 - MECHANICAL | |
| M0.01 | MECHANICAL SYMBOL LEGEND |
| M0.11 | MECHANICAL GENERAL NOTES |
| M3.01 | MECHANICAL ENLARGED PLAN |
| M5.01 | MECHANICAL SCHEDULES AND DETAILS |
| 07 - ELECTRICAL | |
| EP0.21 | ELECTRICAL AND PLUMBING SITE PLAN |
| E0.01 | ELECTRICAL SYMBOL LEGEND |
| E0.11 | ELECTRICAL GENERAL NOTES |
| E3.01 | ELECTRICAL LIGHTING ENLARGED PLAN |
| E3.02 | ELECTRICAL POWER ENLARGED PLAN |
| E4.01 | ELECTRICAL ONE-LINE DIAGRAM |
| E5.01 | ELECTRICAL SCHEDULES |
| E6.01 | ELECTRICAL DETAILS |
| E6.02 | ELECTRICAL DETAILS |
| 08 - PLUMBING | |
| P0.01 | PLUMBING SYMBOL LEGEND |
| P0.11 | PLUMBING GENERAL NOTES |
| P3.01 | PLUMBING ENLARGED PLAN |
| P5.01 | PLUMBING SCHEDULES |
| 09 - TECHNOLOGY | |
| T0.01 | TECHNOLOGY SYMBOL LEGEND |
| T2.32 | TECHNOLOGY SITE PLAN |
| T3.01 | TECHNOLOGY ENLARGED PLAN |
| T6.01 | TECHNOLOGY DETAILS |


## GENERAL NOTES

1. THE INFORMATION PROVIDED IS FOR GENERAL COORDINATION AND IS NOT EXHAUSTIVE. THE CONTRACTOR SHALL BE RESPONSIBLE TO BECOME FAMILIAR AND CONFORM TO ALL CURRENTLY ADOPTED BUILDING CODES, REGULATIONS, AND REQUIREMENTS PER AUTHORITY HAVING JURISDICTION.
2. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL ACCESSORY MATERIALS REQUIRED FOR COMPLIANCE WITH APPLICABLE REQUIRMENTS AND UL ASSEMBLIES.
3. FIRE EXTINGUISHERS, CABINETS, AND ASSOCIATED MOUNTING BRACKETS ARE SHOWN ON DRAWINGS FOR GENERAL COORDINATION. REFER TO SPECIFICATIONS FOR PRODUCT INFORMATION AND INSTALLATION REQUIREMENTS. VERIFY, COORDINATE, AND PROVIDE ALL FIRE EXTINGUISHER TYPES, QUANTITIES, LOCATIONS, AND MOUNTING HEIGHTS WITH FIRE MARSHALL AND LOCAL AUTHORITY HAVING JURISDICTION.
4. EXIT/EGRESS SIGNAGE: PROVIDE INTERIOR TACTILE ROOM SIGNAGE AT ALL DOORS ALONG EXIT PASSAGEWAYS, EXIT STAIRWAYS, AND EXIT DISCHARGES LEADING TO AN ACCESSIBLE MEANS OF EGRESS. REFER TO SIGNAGE DETAILS ON DRAWING SHEET A7.01.
5. FIRE EXTINGUISHERS SHALL COMPLY WITH NFPA 10 AND NFPA 241 FOR CLASSIFICATION, EXTINGUISHING AGENT, AND SIZE REQUIRED BY LOCATION AND CLASS OF FIRE EXPOSURE PER IFC 2015 CHAPTER 9 SECTION 906.
6. REFER TO SITE PLAN FOR ACCESSIBLE ROUTES OUTSIDE OF BUILDING FOOTPRINT.
7. BUILDING AREAS AND OTHER VALUE CALCULATIONS ARE FOR CODE OFFICIALS AND OWNER. CONTRACTOR SHALL MAKE HIS/HER OWN TAKE OFFS AND CALCULATIONS AS REQUIRED.
8. FIRE EXTINGUISHER CABINET (BASIS OF DESIGN):
   A. MANUFACTURER: JL INDUSTRIES
   B. MODEL: C1016F10
   C. FINISH: POWDER COAT TO MATCH INTERIOR WALL PAINT
   D. MOUNTING: SEMI-RECESSED
   E. DOOR: FULL GLAZING
   F. FIRE RATING: N/A

## LEGEND

SURFACE MOUNTED FIRE EXTINGUISHER

RECESSED/SEMI-RECESSED FIRE EXTINGUISHER AND CABINET (COORDINATE WITH PARTITION TYPES)

EGRESS PATH

EXIT SIGN (RE: ELECTRICAL)

TRUE


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LandPlace

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ISSUANCE:

**BID & PERMIT SET**

**12/10/25**

SEAL:

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MARK F. GOLIAS
12034
STATE OF TEXAS

**12/10/25**

CITY OF ANGLETON

**ABIGAIL ARIAS PARK**

PROJECT NO.: 1514.003

301 CEMETERY ROAD, TEXAS 77515

DESIGNER | MG, OG
DRAWER | JT, CV
CHECKER | MG, MK

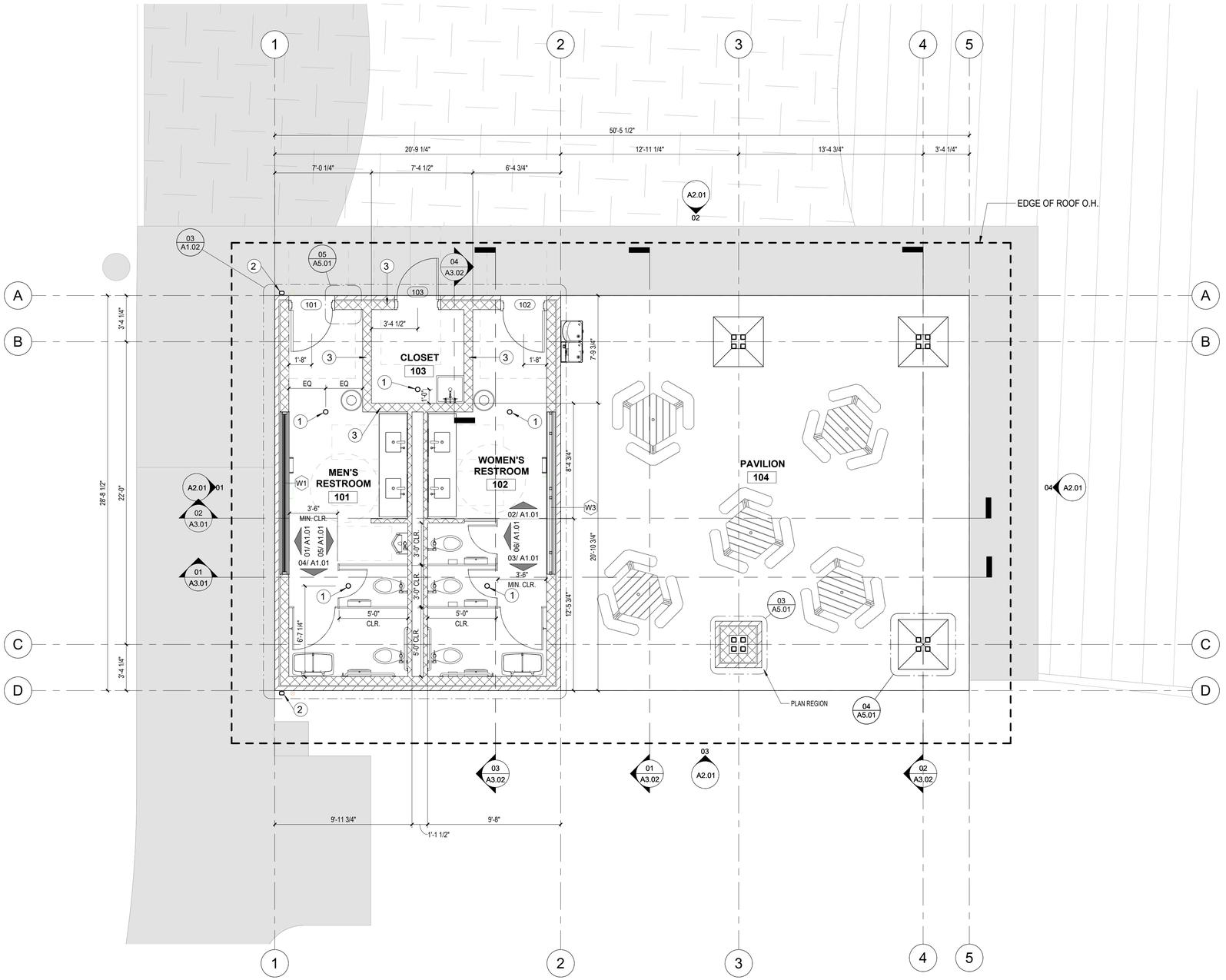
**ISSUANCES & REVISIONS**

| NO. | DESCRIPTION | DATE |
|---|---|---|
| | | |

**CODE ANALYSIS & LIFE SAFETY PLAN**

**A1.00**

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01 FLOOR PLAN
1/4" = 1'-0"

## GENERAL NOTES

1. VERIFY DIMENSIONS AND EXISTING CONDITIONS BEFORE COMMENCING WORK. REPORT DISCREPANCIES TO THE ARCHITECT PRIOR TO PROCEEDING WITH AFFECTED WORK.
2. DIMENSIONS NOTED AS "FIELD VERIFY" SHALL BE CHECKED AT THE SITE BY THE CONTRACTOR AND REVIEWED WITH THE ARCHITECT BEFORE INCORPORATING INTO THE WORK.
3. DO NOT SCALE DRAWING. WRITTEN DIMENSIONS TAKE PRECEDENCE. IF CLARIFICATION IS REQUIRED IN ORDER TO DETERMINE THE INTENT OF THE CONTRACT DOCUMENTS, CONTACT THE ARCHITECT.
4. NOTES OR DIMENSIONS LABELED "TYPICAL" SHALL APPLY TO SITUATIONS THAT ARE THE SAME OR SIMILAR.
5. ALL SPACES WITH FLOOR DRAINS TO HAVE FINISHED FLOORS SLOPED TO DRAIN NOT TO EXCEED 1%.
6. COORDINATE HOUSEKEEPING PAD DIMENSIONS AND LOCATIONS WITH EQUIPMENT TO BE INSTALLED. RE: STRUCTURAL FOR REINFORCING.
7. UNLESS OTHERWISE NOTED, ALL ELECTRICAL AND MECHANICAL OPERABLE DEVICES SHALL BE MOUNTED WITH THE HIGHEST OPERABLE CONTROL AT MAX. OF 42" AFF.
8. ALL REQUIRED CLEARANCES, AS DESCRIBED IN THE TEXAS ACCESSIBILITY STANDARDS (TAS) OF THE ARCHITECTURAL BARRIERS ACT. ARTICLE 9102, TEXAS CIVIL STATUTES (2012), FOR COUNTERTOPS, ALL PLUMBING FIXTURES INCLUDING DRINKING FOUNTAINS, LAVATORIES, URINALS, AND TOILETS WILL BE STRICTLY ENFORCED.
9. ALL WEATHER RESISTANT BARRIER MUST BE VAPOR PERMEABLE, AND WATER/AIR RESISTANT.

## PLAN NOTES

1. PROPOSED FLOOR DRAIN LOCATION. REFERENCE MEP DRAWINGS.
2. PROPOSED DOWNSPOUT LOCATION. CONNECT TO UNDERGROUND STORM, RE: CIVIL.
3. CONDITIONED CLOSET PERIMETER WALLS TO BE INJECTED WITH CLOSED CELL SPRAY FOAM INSULATION AT HOLLOW CELLS.

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Tel: 979.977.5846

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ISSUANCE:

**BID & PERMIT SET**

**12/10/25**

SEAL:

REGISTERED ARCHITECT
MARK F. GOULAS
12034
STATE OF TEXAS

**12/10/25**

CITY OF ANGLETON

# ABIGAIL ARIAS PARK

PROJECT NO. | 1514.003

301 CEMETERY ROAD, TEXAS 77515

DESIGNER | MG, OG
DRAWER | JT, CV
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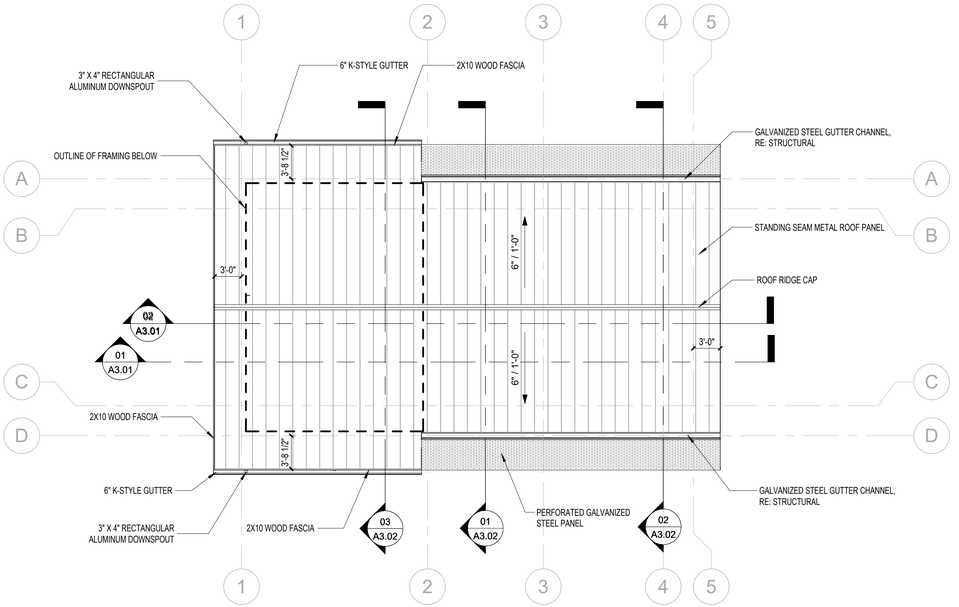
**FLOOR PLAN**

**A1.01**

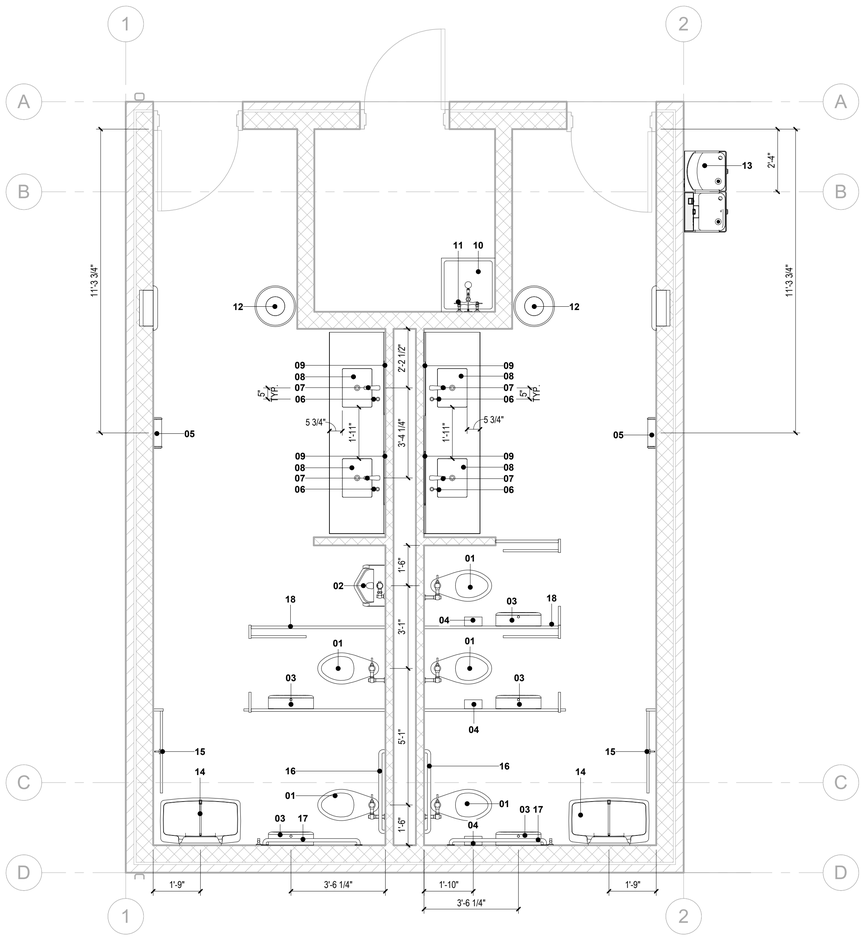
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# FIXTURE AND EQUIPMENT SCHEDULE

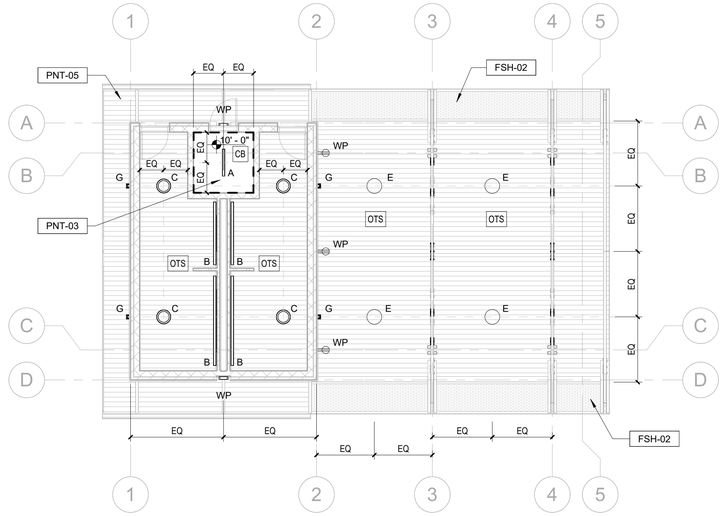
| MARK | PRODUCT | | FURNISHED/ INSTALLED | DESCRIPTION |
|---|---|---|---|---|
| | MANUF. | MODEL | | |
| 01 | TOTO | CT705ULNG | CP/CI | FLOOR-MOUNTED TOILET WITH FLUSH VALVE (TET1LAR#CP) AND VACUUM BREAKER SET (VB0932A#CP) |
| 02 | TOTO | UT445U | CP/CI | WALL-MOUNTED URINAL WITH FLUSH VALVE (TEU1UA12#CP) AND VACUUM BREAKER SET (VB0912#CP) |
| 03 | BOBRICK | B-2892 | CP/CI | SURFACE-MOUNTED TWIN JUMBO ROLL TOILET TISSUE DISPENSER |
| 04 | AMERICAN SPECIALTIES INC. | 20852 | CP/CI | SANITARY WASTE DISPOSAL |
| 05 | BOBRICK | B-7120 | CP/CI | SURFACE-MOUNTED AUTOMATIC HAND DRYER |
| 06 | BRADLEY CORPORATION | 6334 | CP/CI | MANUAL SOAP DISPENSER |
| 07 | SLOAN | ETF-80 | CP/CI | LAVATORY SENSOR FAUCET, NO TRIM |
| 08 | AMERICAN STANDARD | 0315.000 | CP/CI | "BOXE" UNDER COUNTER SINK |
| 09 | BOBRICK | B-290 2436 | CP/CI | WELDED FRAME MIRROR |
| 10 | STERN WILLIAMS | SS-2424 | CP/CI | FLOOR-MOUNTED SERVICE SINK |
| 11 | AMERICAN STANDARD | 8354112.004 | CP/CI | WALL-MOUNT SERVICE SINK FAUCET |
| 12 | BOBRICK | B-2400 | CP/CI | FLOOR STANDING TRASH RECEPTACLE |
| 13 | ELKAY | LVRCTL8WSK | CP/CI | DUAL DRINKING FOUNTAIN |
| 14 | KOALA KARE | KB310-SSWM | CP/CI | BABY CHANGING STATION |
| 15 | BRADLEY CORPORATION | | CP/CI | COAT HOOK |
| 16 | BOBRICK | B-5806 x 36 | CP/CI | 36" GRAB BAR |
| 17 | BOBRICK | B-5806 x 42 | CP/CI | 42" GRAB BAR |
| 18 | BRADLEY CORPORATION | SERIES 400 | CP/CI | FLOOR-MOUNTED RESTROOM PARTITIONS WITH OVERHEAD BRACING, STAINLESS STEEL |




02 ROOF PLAN
1/8" = 1'-0"




03 FINISH & EQUIPMENT PLAN
3/8" = 1'-0"




01 REFLECTED CEILING PLAN
1/8" = 1'-0"

## GENERAL NOTES

1. REFER TO SPECIFICATION DIVISION 09 AND SCHEDULE FOR PAINT PROCEDURES SPECIFIC TO MATERIAL TYPE AND INTERIOR/EXTERIOR CONDITIONS.
2. CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY DISCREPANCIES BETWEEN FINISH PLANS AND FINISH SPECIFICATIONS.
3. BLOCK FILLER AND EPOXY PAINT SHALL BE USED ON ALL EXPOSED CMU BLOCK WALLS.
4. WHERE SEALED AND/OR EXPOSED CONCRETE FINISH IS INDICATED, PROVIDE AN APPROVED PROTECTIVE COVERING FOR THE DURATION OF THE WORK PRIOR TO FINISHING.
5. ALL EXPOSED WOOD FRAMING TO BE PRESSURE TREATED.
6. REFER TO REFLECTED CEILING PLANS FOR CEILING FINISHES AND MATERIALS.
7. WHERE MULTIPLE FINISHES ON A SINGLE WALL, INSTALLER TO VERIFY EXTENTS OF EACH WALL FINISH WITH INTERIOR ELEVATIONS AND SECTION DETAILS.
8. ALL FLOORS FINISH CHANGES SHALL OCCUR AT THE CENTERLINE OF DOORS UNLESS NOTED OTHERWISE. ALL FLOOR FINISH CHANGES SHALL HAVE THRESHOLDS OR REDUCER STRIPS.
9. CONTRACTOR TO COORDINATE LOCATION OF ROOF DRAINS WITH BUILDING STRUCTURE COMPONENTS.
10. REFER TO MEP DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL ROOF PENETRATIONS REQUIRED. CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL REQUIRED ROOF PENETRATIONS TO AVOID CONFLICT WITH ROOF STRUCTURE AND OTHER TRADES.
11. PROVIDE METAL DRIP EDGE FLASHING AT ALL ROOF EDGES.
12. FURNISHED BY ACRONYMS:
    IC - IN CONTRACT
    NIC - NOT IN CONTRACT
    OP - OWNER PROVIDED
    CI - CONTRACTOR INSTALLED
13. CONTRACT SCOPE INCLUDES PROVISION OF BLOCKING, POWER, WATER, DATA, ETC. AS NEEDED PER EQUIPMENT REQUIREMENTS, TO BE COORDINATED WITH ELECTRICAL, PLUMBING, INFORMATION TECHNOLOGY, AND OWNER FOR CONFORMANCE.
14. CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD, AND CLEARANCES REQUIRED BY ALL EQUIPMENT, SPECIALTIES, AND FURNISHINGS PROVIDED IN CONTRACT DOCUMENTS AND PROVIDED BY OWNER, PRIOR TO FABRICATION OF ALL MILLWORK/CASEWORK.
15. OTS : "OPEN TO STRUCTURE", WHERE TIMBER STRUCTURE IS EXPOSED, WOOD SURFACE TO BE PROTECTED PER MANUFACTURER/INSTALLER SPECIFICATIONS AND REQUIREMENTS. ALL PUBLICLY VISIBLE ATTACHMENTS TO WOOD STRUCTURE ARE TO BE ORDERLY, FREE OF MARKINGS, AND CLEANED PRIOR TO COMPLETION.
16. CB: "CEMENTITIOUS BOARD", PAINT AS SCHEDULED.
17. REFER TO ELECTRICAL PLANS FOR LIGHTING FIXTURE SCHEDULE AND LOCATIONS OF EACH SCHEDULED FIXTURE. NOTIFY ARCHITECT OF ANY DISCREPANCIES BETWEEN ARCHITECTURAL AND ELECTRICAL PLANS REGARDING LIGHTING FIXTURE PLACEMENT.
18. REFER TO ELECTRICAL DRAWINGS FOR EXIT SIGNAGE, TO COMPLY WITH ALL LOCAL CODES AND BE INSTALLED PER A.H.J..
19. ALL EXPOSED CONDUIT RUNS TO BE MOUNTED SECURELY TO BOTTOM OF STRUCTURE AND ARRANGED IN AN ORGANIZED FASHION IN ALL PUBLIC SPACES MARKED AS OPEN TO STRUCTURE (OTS). CONDUIT IS TO BE RIGID UNLESS NOTED OTHERWISE. WHERE CONDUIT IS ATTACHED TO PAINTED STEEL STRUCTURAL MEMBERS, CONDUIT SHALL BE PAINTED TO MATCH.

## RCP LEGEND

| | | |
|---|---|---|
| A | SURFACE WALL MOUNT LED STRIP ABOVE DOOR HEADER |
| B | SURFACE WALL MOUNT LED TROFFER WALL WASH |
| C | LED PENDANT DOWNLIGHT CAN |
| D | PENDANT FAN |
| E | PENDANT MOUNT HIGH BAY LIGHTS |
| WP | WALL PACK FIXTURE |
| G | DECORATIVE WALL MOUNT LIGHT |
| | R-38 FIBERGLASS INSULATION AREA (INSTALLED ABOVE CEILING) |


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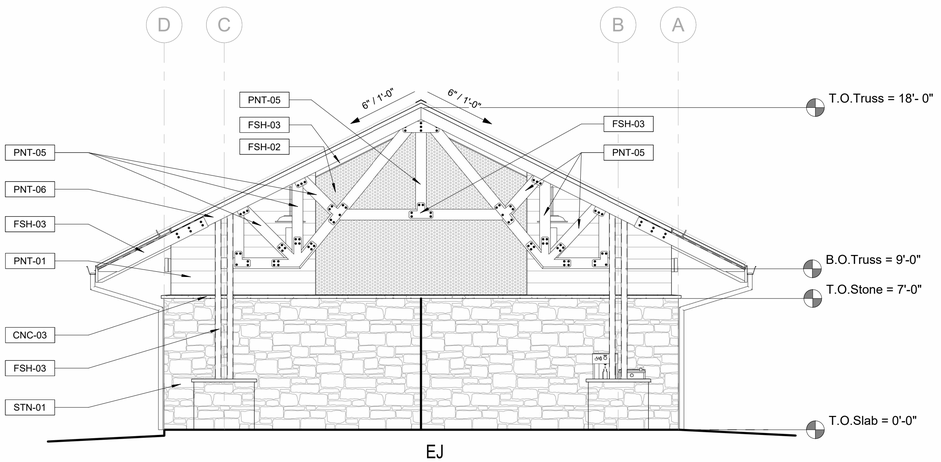
**ROOF PLAN AND RCP PLAN**

**A1.02**

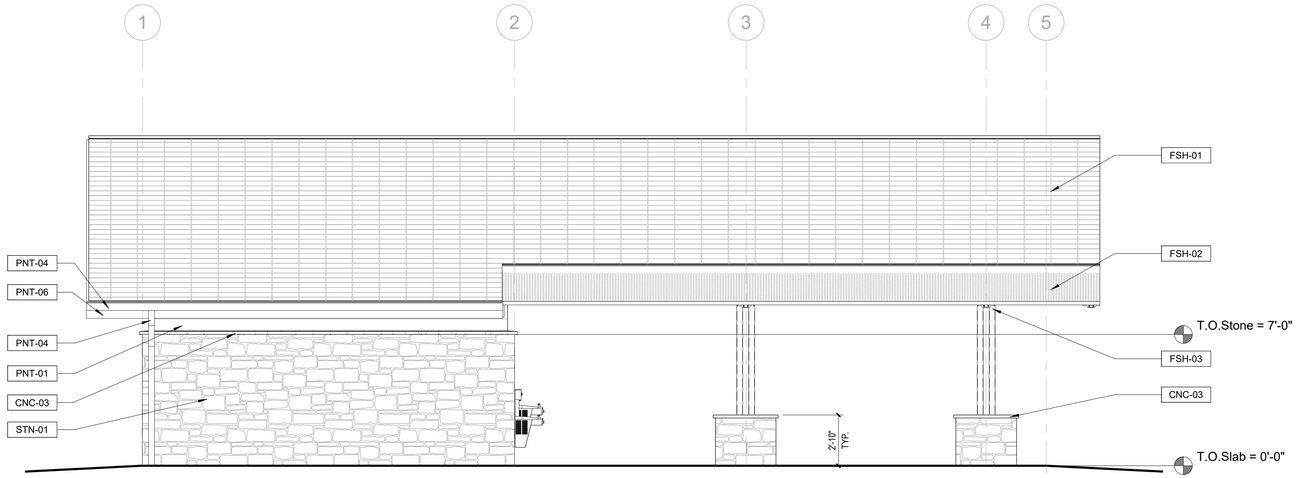

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## EXTERIOR FINISH SCHEDULE

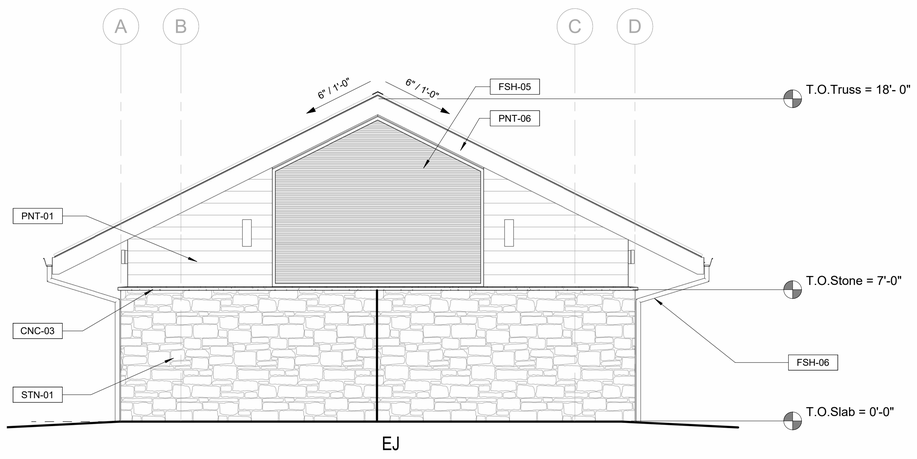
| MARK | FINISH DESCRIPTION | MATERIAL DESCRIPTION | MANUFACTURER | COLOR | COMMENTS |
|---|---|---|---|---|---|
| CNC-01 | POLISHED CONCRETE | CONCRETE SLAB | RE: SPECS. | NATURAL CONCRETE | FOR USE ON RESTROOM AND CLOSET AREAS. USE DENSIFIER (SIKAFLOOR®-956 LD OR SIMILAR) AND SLIP RESISTANT ADDITIVE (H&C SHARKGRIP OR SIMILAR) |
| CNC-02 | CONCRETE FLOAT FINISH | CONCRETE SLAB | RE: SPECS. | NATURAL CONCRETE | FOR USE ON PAVILION AREA |
| CNC-03 | PREFINISH | PRECAST CONCRETE WALL CAP | EMPIRE PRECAST | NATURAL GRAY C-013 | PROFILE AS INDICATED ON DRAWINGS. WALL CAP FINISH TO BE SMOOTH "SANDSTONE T-L20" |
| FSH-01 | PREFINISH | STANDING SEAM METAL ROOF PANEL | BERRIDGE | ZINC-COTE | TEE-PANEL, 24 GAUGE STEEL, 12-3/4" COVERAGE, SMOOTH |
| FSH-02 | PREFINISH | PERFORATED GALVANIZED STEEL PANEL | MCNICHOLS | GALVANIZED STEEL | 48" X 120" PANEL, PRE-GALVANIZED, 18 GAUGE, 1/2" STAGGERED HOLES, 48% OPEN AREA |
| FSH-03 | PREFINISH | STRUCTURAL STEEL FRAMING ELEMENTS | RE: SPECS. | GALVANIZED STEEL | COLUMNS, ANGLES, CHANNELS, PLATES, AND ATTACHMENTS |
| FSH-04 | GALVANIZED STEEL | LAVATORY CASEWORK | INTER DYNE SISTEMS | GALVANIZED STEEL | ADA SINK ENCLOSURE FOR USE BELOW RESTROOM SINKS. INSTALL WALL-ANCHORED BRACKET SUPPORTS AS NEEDED FOR PROPER COUNTERTOP INSTALLATION |
| FSH-05 | PREFINISH | DRAINABLE LOUVER | GREENHECK | BRIGHT SILVER | FOR USE ON DRAINABLE LOUVER |
| PNT-01 | PAINT | CEMENTITIOUS BOARD ARTISAN SIDING | SHERWIN WILLIAMS | GREY MATTERS SW 7066 | 8-1/4" X 12', LAP SIDING, SMOOTH, PRIMED FOR PAINT |
| PNT-04 | POWDER COATING | STEEL DOORS, FRAMES AND ALUMINUM TRIM | PPG OR SIM. | RAL 9006 | FOR USE ON DOOR SLABS, DOOR FRAMES, GUTTERS, DOWNSPOUTS, AND DRIP EDGE |
| PNT-05 | TRANSPARENT WOOD SEALER | WOOD LUMBER | THOMPSON'S WATERSEAL | DESERT TAN | REFERENCE BUILDING ELEVATIONS FOR INDICATED FINISHES. ALL EXPOSED WOOD LUMBER MUST BE PRESSURE TREATED |
| PNT-06 | TRANSPARENT WOOD SEALER | WOOD LUMBER | THOMPSON'S WATERSEAL | CHESNUT BROWN | REFERENCE BUILDING ELEVATIONS FOR INDICATED FINISHES. ALL EXPOSED WOOD LUMBER MUST BE PRESSURE TREATED |
| STN-01 | NATURAL FINISH | STONE VENEER | ALAMO STONE | CHEROKEE BLEND | FOR USE ON EXTERIOR STONE VENEER, AMERIMIX COLORED MORTAR "ALABASTER" |



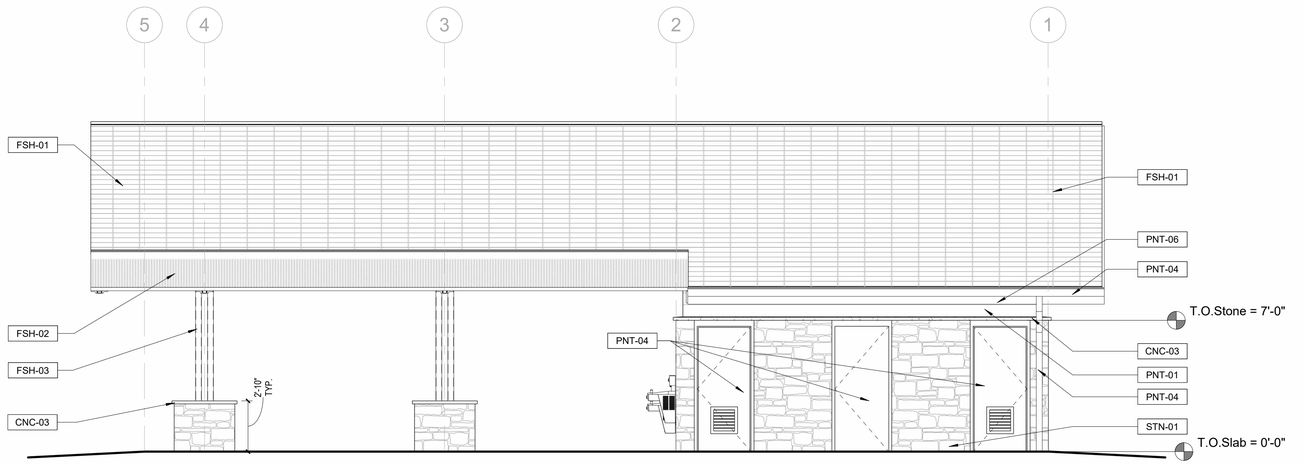

04 FRONT ELEVATION
1/4" = 1'-0"




03 LEFT ELEVATION
1/4" = 1'-0"




01 REAR ELEVATION
1/4" = 1'-0"




02 RIGHT ELEVATION
1/4" = 1'-0"

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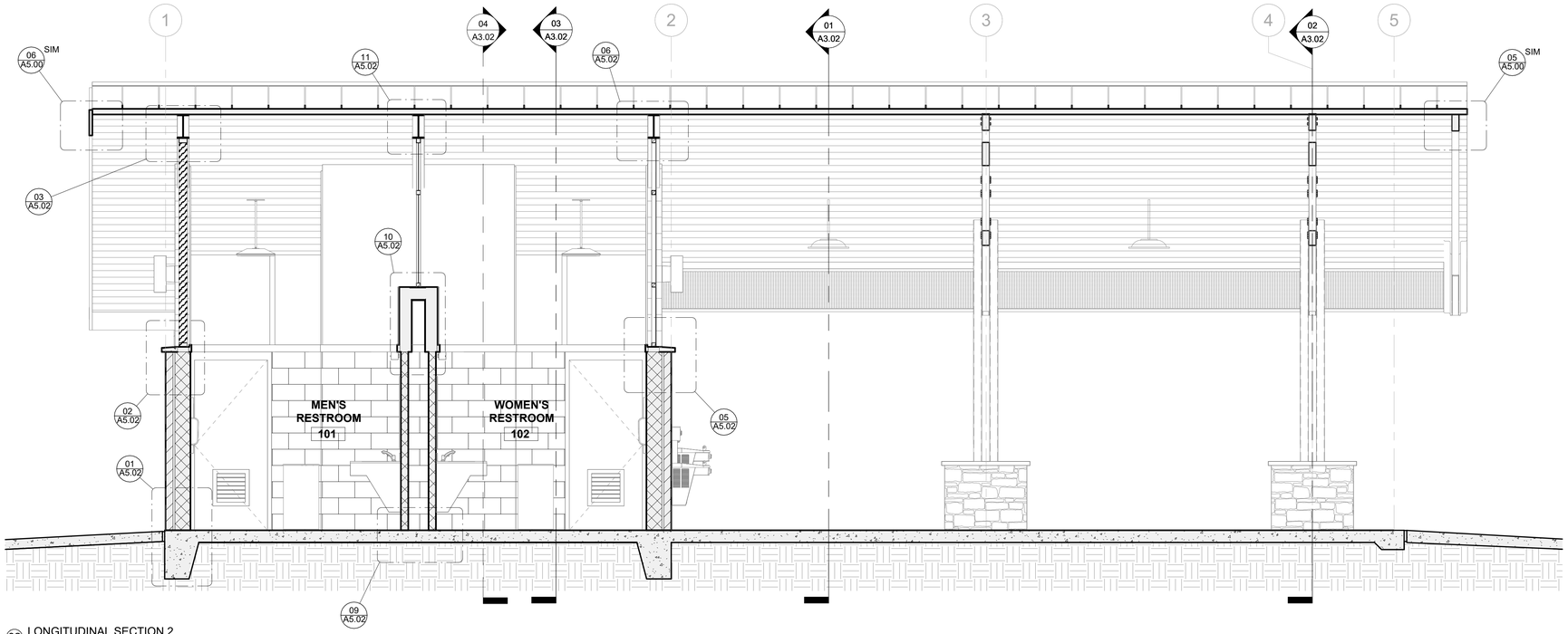
**ISSUANCES & REVISIONS**

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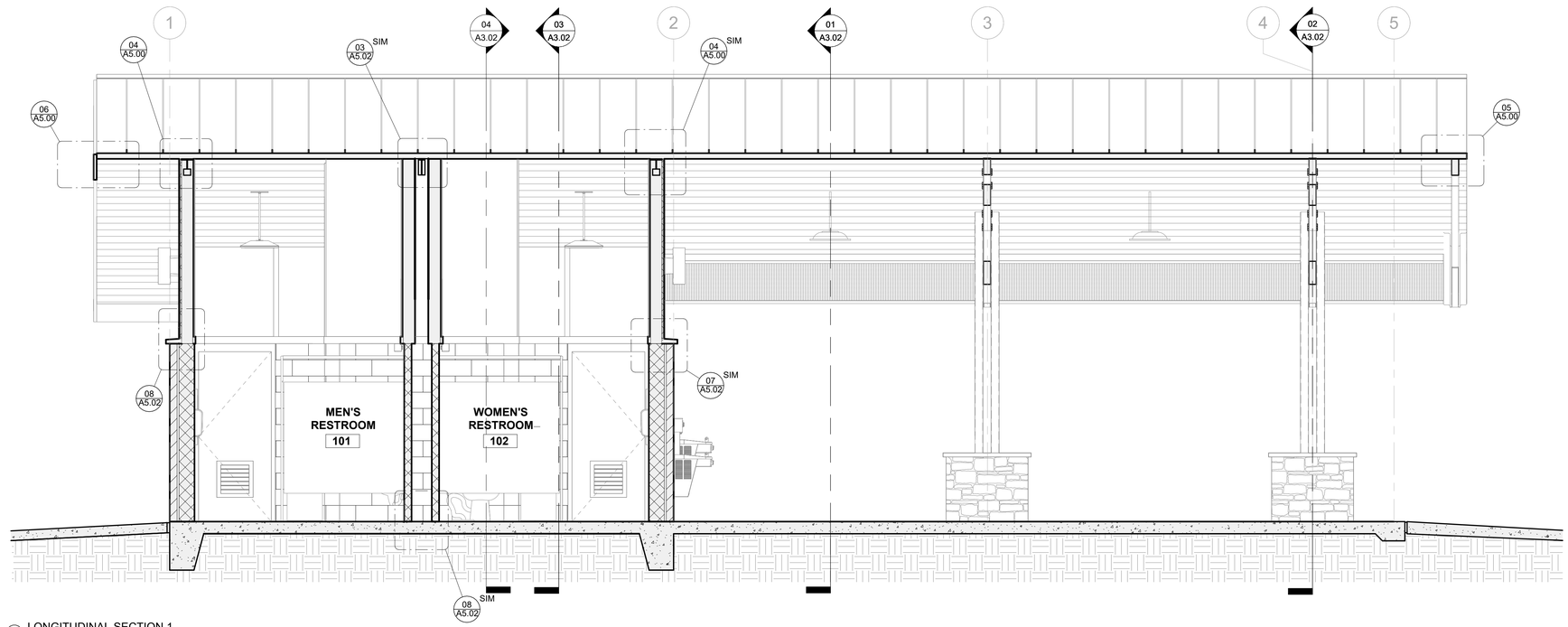
**BUILDING ELEVATIONS**

**A2.01**

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02 LONGITUDINAL SECTION 2
3/8" = 1'-0"




01 LONGITUDINAL SECTION 1
3/8" = 1'-0"

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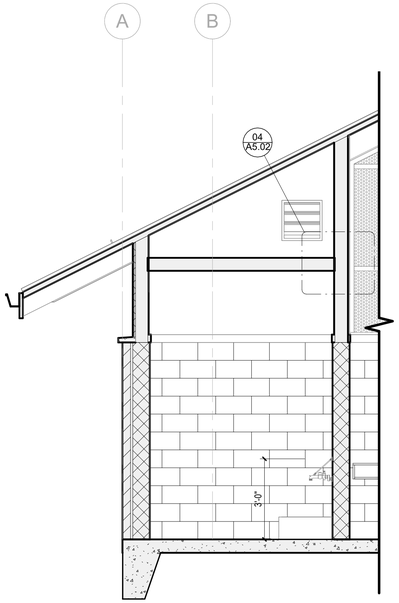
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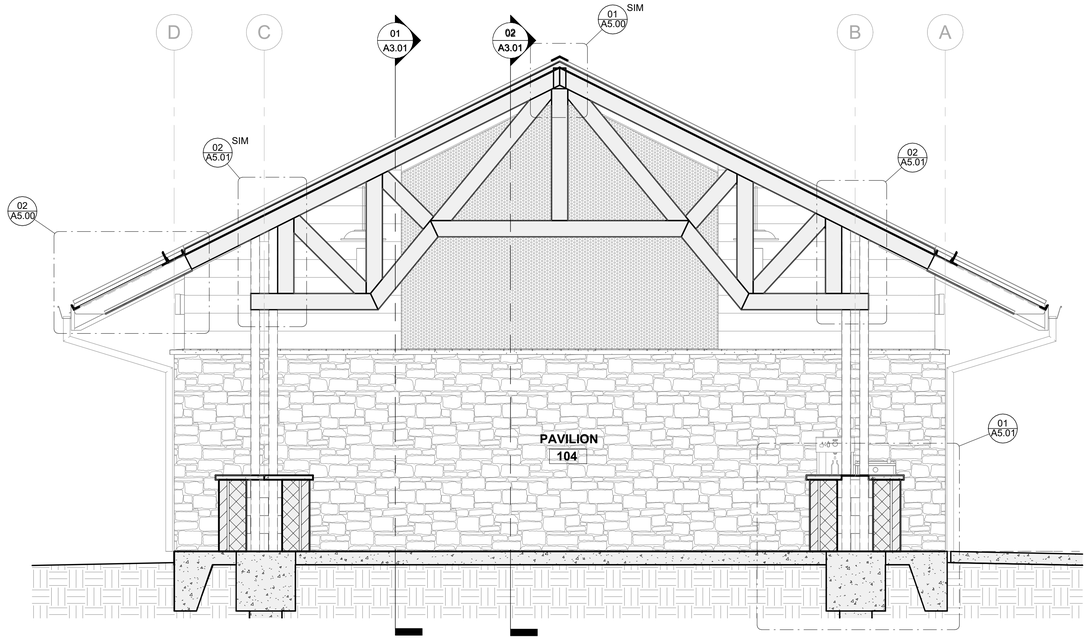
**BUILDING SECTIONS**

**A3.01**

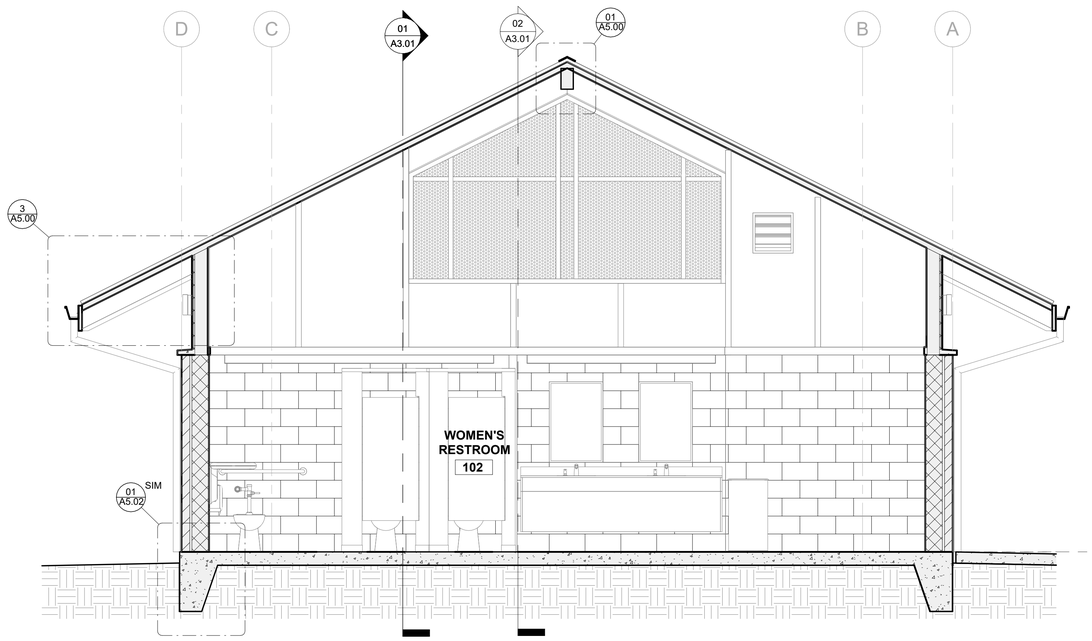
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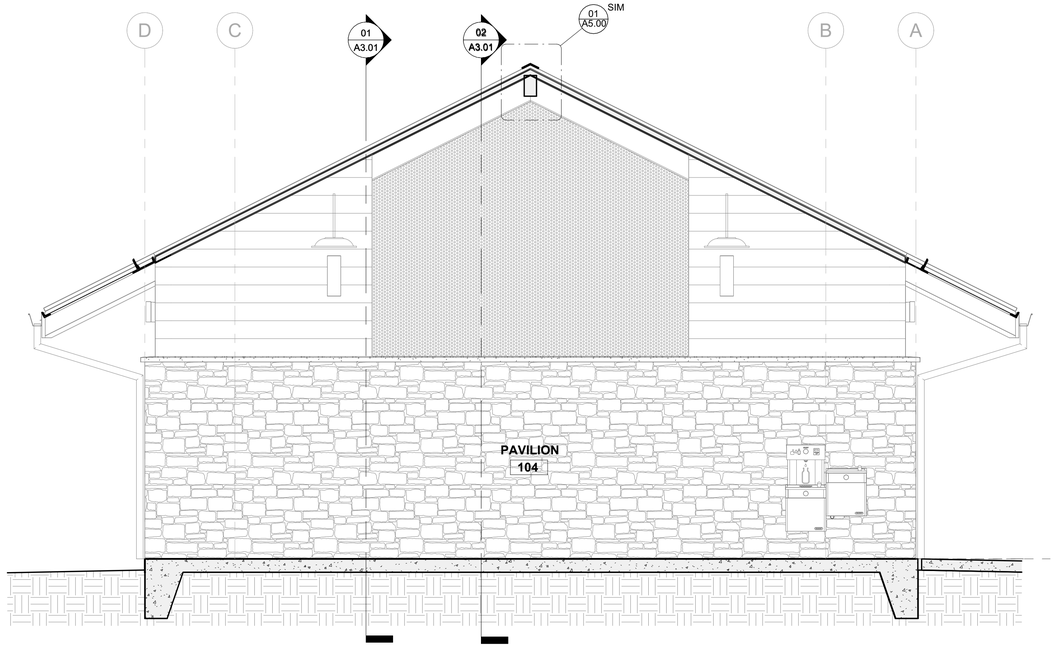

04 CLOSET SECTION
3/8" = 1'-0"




02 TRANSVERSE SECTION 2
3/8" = 1'-0"




03 TRANSVERSE SECTION 3
3/8" = 1'-0"




01 TRANSVERSE SECTION 1
3/8" = 1'-0"

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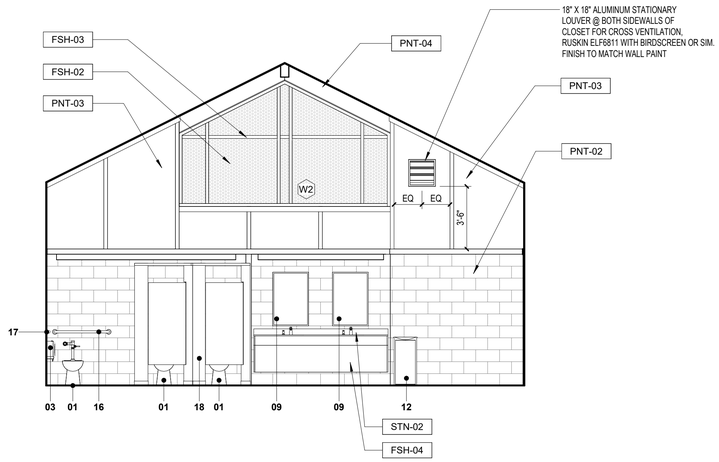
**BUILDING SECTIONS**

**A3.02**

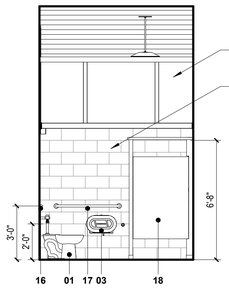
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## INTERIOR FINISH SCHEDULE

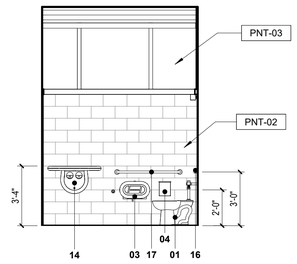
| MARK | FINISH DESCRIPTION | MATERIAL DESCRIPTION | MANUFACTURER | COLOR | COMMENTS |
|---|---|---|---|---|---|
| CNC-01 | POLISHED CONCRETE | CONCRETE SLAB | RE: SPECS. | NATURAL CONCRETE | FOR USE ON RESTROOM AND CLOSET AREAS. USE DENSIFIER (SIKAFLOOR®-956 LD OR SIMILAR) AND SLIP RESISTANT ADDITIVE (H&C SHARKGRIP OR SIMILAR) |
| CNC-02 | CONCRETE FLOAT FINISH | CONCRETE SLAB | RE: SPECS. | NATURAL CONCRETE | FOR USE ON PAVILION AREA |
| FSH-02 | PREFINISH | PERFORATED GALVANIZED STEEL PANEL | MCNICHOLS | GALVANIZED STEEL | 48" X 120" PANEL, PRE-GALVANIZED, 18 GAUGE, 1/2" STAGGERED HOLES, 48% OPEN AREA |
| FSH-03 | PREFINISH | STRUCTURAL STEEL FRAMING ELEMENTS | RE: SPECS | GALVANIZED STEEL | COLUMNS, ANGLES, CHANNELS, PLATES, AND ATTACHMENTS |
| FSH-04 | GALVANIZED STEEL | LAVATORY CASEWORK | INTER DYNE SISTEMS | GALVANIZED STEEL | ADA SINK ENCLOSURE FOR USE BELOW RESTROOM SINKS. INSTALL WALL-ANCHORED BRACKET SUPPORTS AS NEEDED FOR PROPER COUNTERTOP INSTALLATION |
| FSH-05 | PREFINISH | DRAINABLE LOUVER | GREENHECK | BRIGHT SILVER | FOR USE ON DRAINABLE LOUVER |
| PNT-02 | PAINT | CMU (INTERIOR FACE) | SHERWIN WILLIAMS | RHINESTONE SW 7656 | FLAT SHEEN. PRIMER AS REQUIRED. VAPOR PERMEABLE. REFERENCE SPECIFICATIONS FOR APPLICATION AND SURFACE PREPARATION RECCOMENDATIONS |
| PNT-03 | PAINT | CEMENTITIOUS BOARD PANEL | SHERWIN WILLIAMS | RHINESTONE SW 7656 | FLAT SHEEN. PIMER AS REQUIRED.REFERENCE SPECIFICATIONS FOR APPLICATION AND SURFACE PREPARATION RECCOMENDATIONS |
| PNT-04 | POWDER COATING | STEEL DOORS, FRAMES AND ALUMINUM TRIM | PPG OR SIM. | RAL 9006 | FOR USE ON DOOR SLABS, DOOR FRAMES, GUTTERS, DOWNSPOUTS, AND DRIP EDGE |
| PNT-05 | TRANSPARENT WOOD SEALER | WOOD LUMBER | THOMPSON'S WATERSEAL | DESERT TAN | REFERENCE BUILDING ELEVATIONS FOR INDICATED FINISHES. ALL EXPOSED WOOD LUMBER MUST BE PRESSURE TREATED |
| PNT-06 | TRANSPARENT WOOD SEALER | WOOD LUMBER | THOMPSON'S WATERSEAL | CHESNUT BROWN | REFERENCE BUILDING ELEVATIONS FOR INDICATED FINISHES. ALL EXPOSED WOOD LUMBER MUST BE PRESSURE TREATED |
| STN-02 | NATURAL FINISH | COUNTERTOP | WILSONART | SEA ICE Q1024 | 2 CMS, POLISHED, 4" BACKSPLASH |



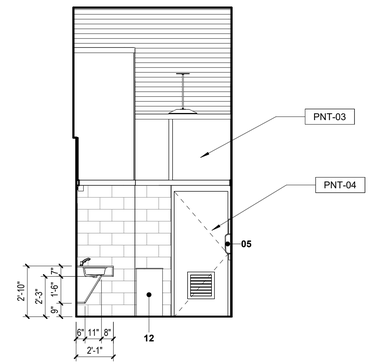

06 WOMEN'S RESTROOM
1/4" = 1'-0"



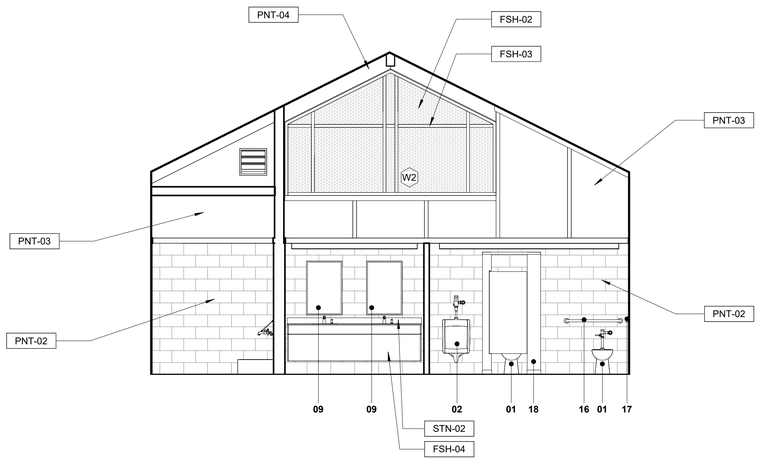

04 MEN'S RESTROOM
1/4" = 1'-0"



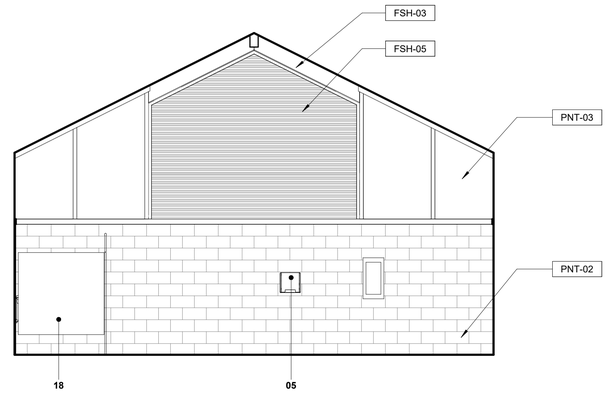

03 WOMEN'S RESTROOM SHORT
1/4" = 1'-0"




02 WOMEN'S RESTROOM
1/4" = 1'-0"




05 MEN'S RESTROOM
1/4" = 1'-0"




01 WOMEN'S RESTROOM
1/4" = 1'-0"

BURDITT
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ISSUANCE:

**BID & PERMIT SET**

**12/10/25**

SEAL:

REGISTERED ARCHITECT
MARK F. GOULAS
12034
STATE OF TEXAS

**12/10/25**

CITY OF ANGLETON

# ABIGAIL ARIAS PARK

PROJECT NO. | 1514.003

301 CEMETERY ROAD, TEXAS 77515

DESIGNER | MG, OG
DRAWER | JT, CV
CHECKER | MG, MK

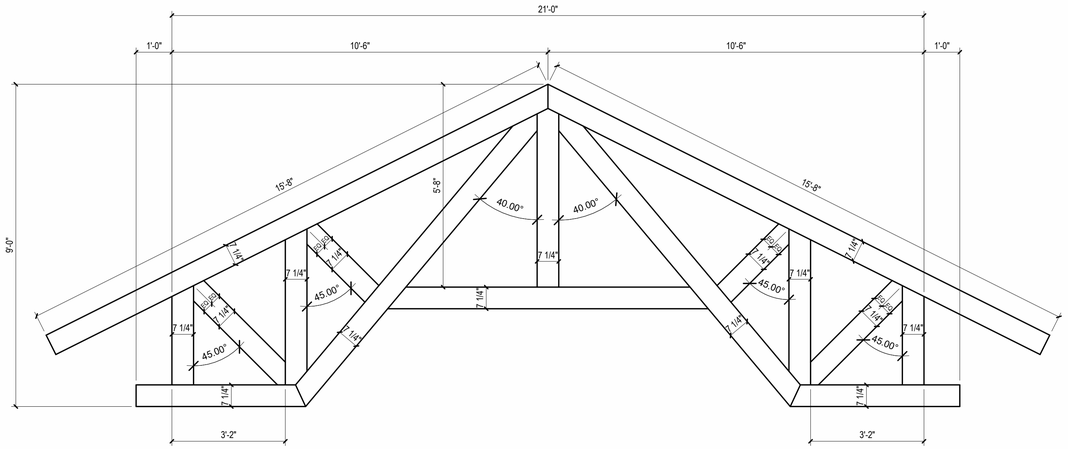
**ISSUANCES & REVISIONS**

| NO. | DESCRIPTION | DATE |
|---|---|---|
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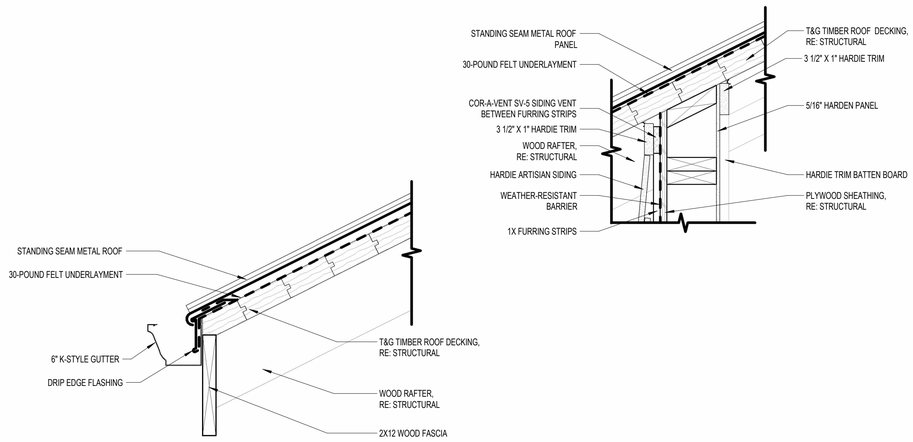
**INTERIOR ELEVATIONS**

**A4.01**

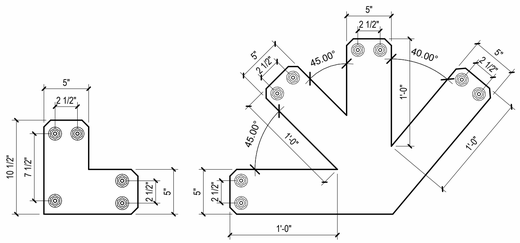
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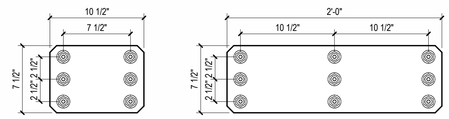


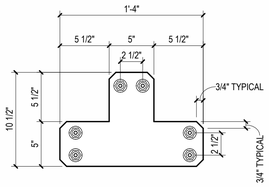

07 WOOD TRUSS
1/2" = 1'-0"



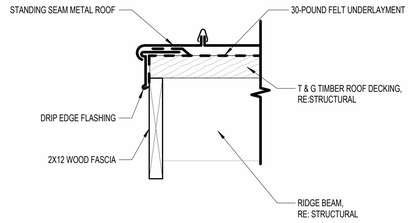

03 ROOF EAVE END
1 1/2" = 1'-0"



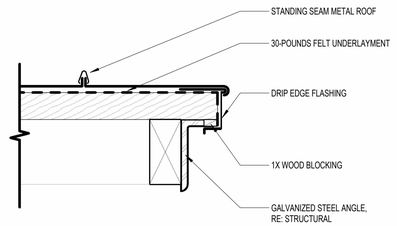



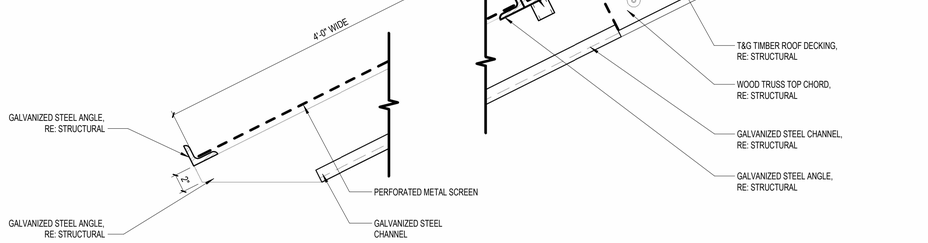

TRUSS PLATES
1 1/2" = 1'-0"



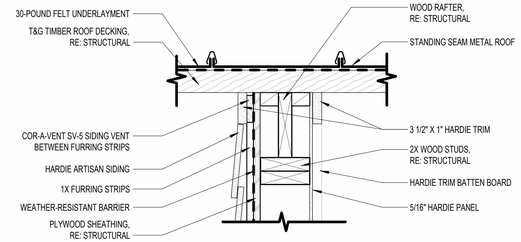

06 ROOF REAR RAKE END
1 1/2" = 1'-0"



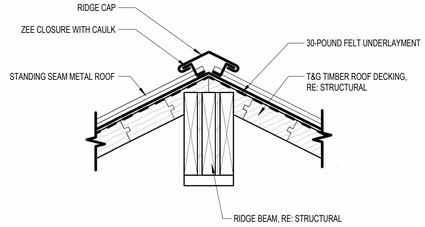

05 ROOF FRONT RAKE END
1 1/2" = 1'-0"




02 GUTTER CHANNEL SYSTEM
1 1/2" = 1'-0"




04 RAFTER @ BEARING WALL
1 1/2" = 1'-0"




01 RIDGE ROOF
1 1/2" = 1'-0"

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ISSUANCE:

**BID & PERMIT SET**
**12/10/25**

SEAL:

REGISTERED ARCHITECT · MARK F. GOULAS · 12034 · STATE OF TEXAS

**12/10/25**

CITY OF ANGLETON

# ABIGAIL ARIAS PARK

PROJECT NO. | 1514.003

301 CEMETERY ROAD, TEXAS 77515

DESIGNER | MG, OG
DRAWER | JT, CV
CHECKER | MG, MK

**ISSUANCES & REVISIONS**

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**SECTION DETAILS**

**A5.00**

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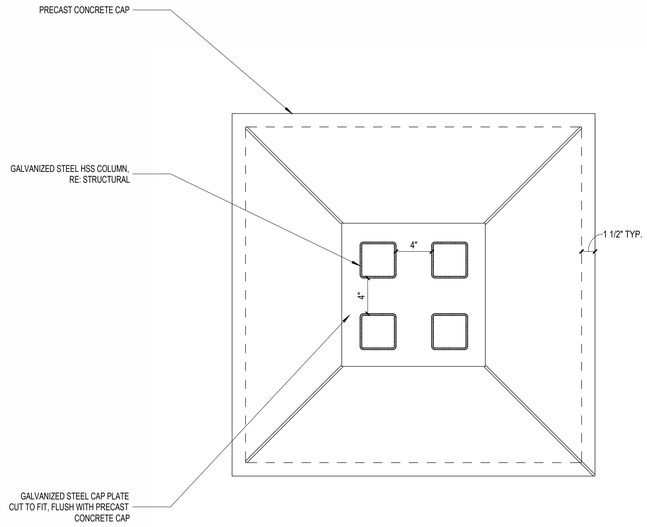
**BID & PERMIT SET**

**12/10/25**

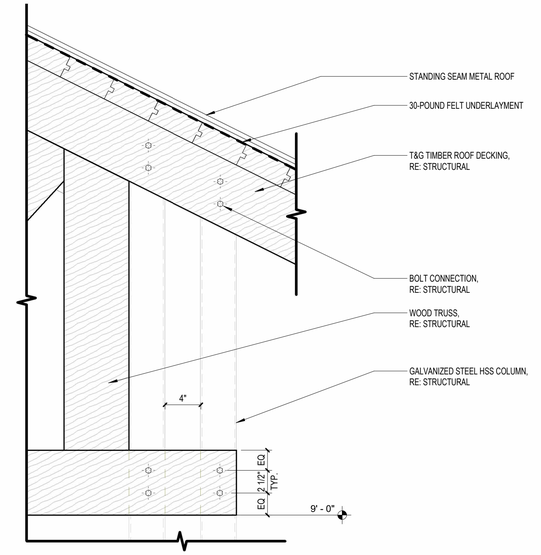
SEAL:

REGISTERED ARCHITECT
MARK F. GOUGAS
12034
STATE OF TEXAS

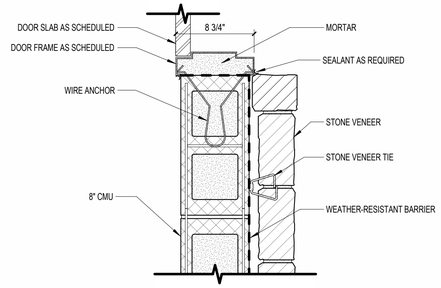
**12/10/25**



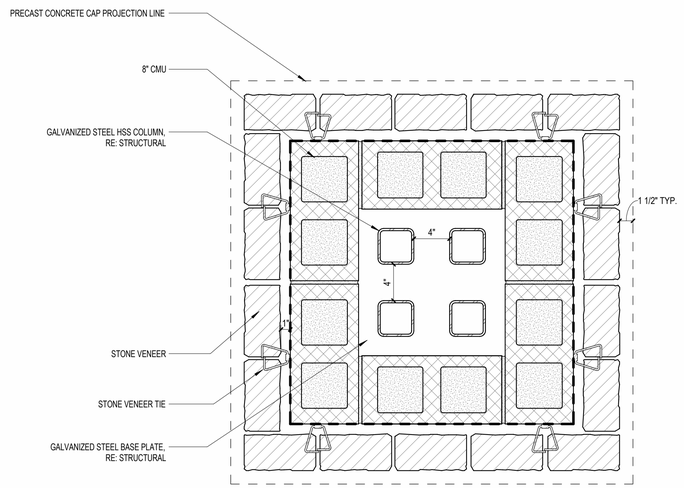

04 COLUMN BASE CAP PLAN
1 1/2" = 1'-0"



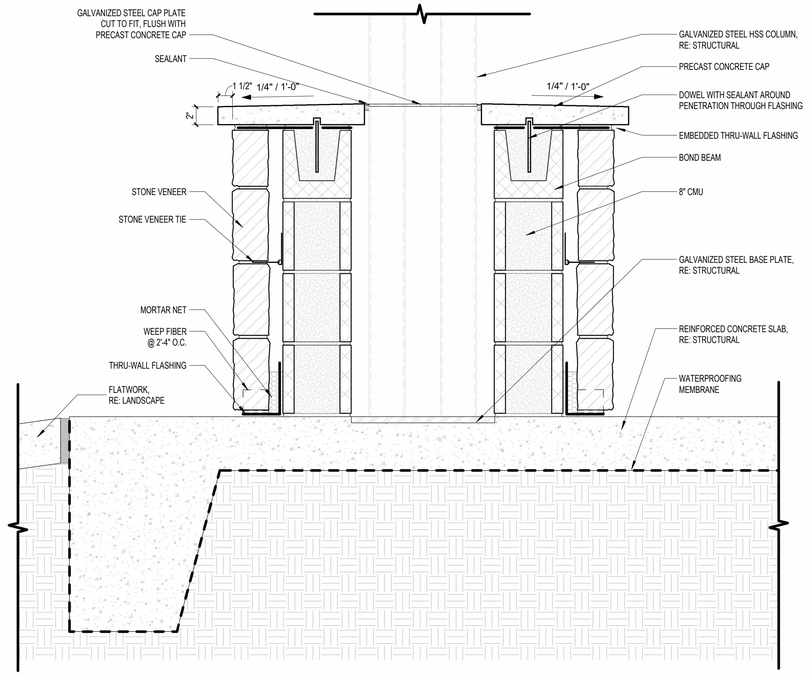

02 TRUSS TO COLUMN CONNECTION
1 1/2" = 1'-0"




05 DOUBLE RABBET DOOR JAMB
1 1/2" = 1'-0"




03 COLUMN BASE PLAN
1 1/2" = 1'-0"




01 COLUMN BASE SECTION
1 1/2" = 1'-0"

CITY OF ANGLETON

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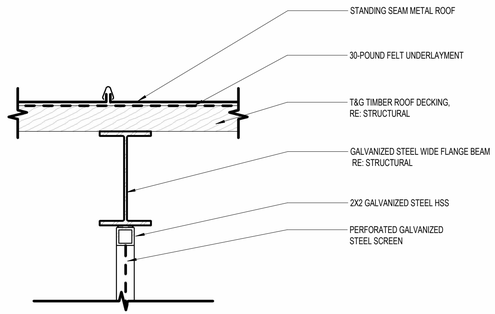
**ISSUANCES & REVISIONS**

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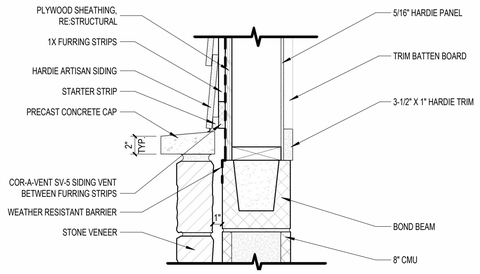
**SECTION DETAILS**

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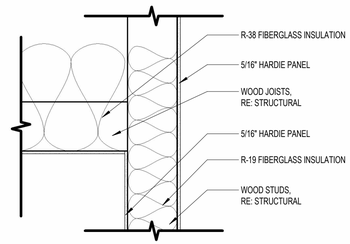
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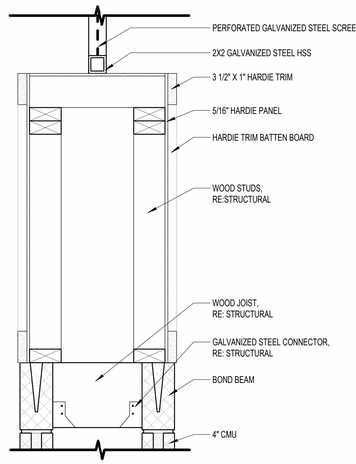

11 PERFORATED SCREEN @ SHAFT WALL
1 1/2" = 1'-0"



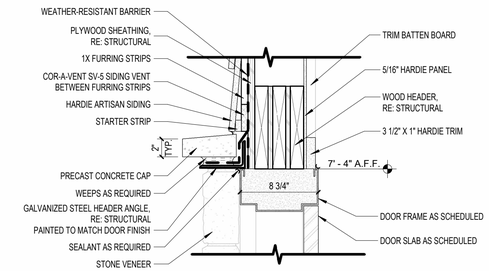

08 STONE VENEER @ TOP
1 1/2" = 1'-0"



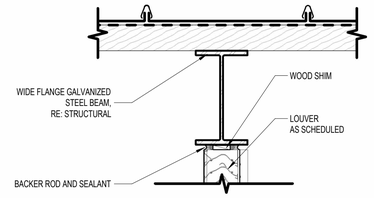

04 CLOSET CEILING @ CLOSET WALLS
1 1/2" = 1'-0"



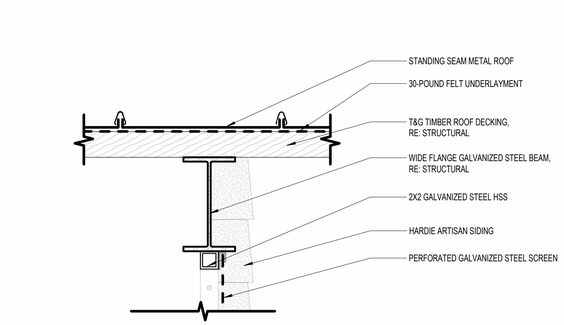

10 SHAFT WALL @ TOP
1 1/2" = 1'-0"



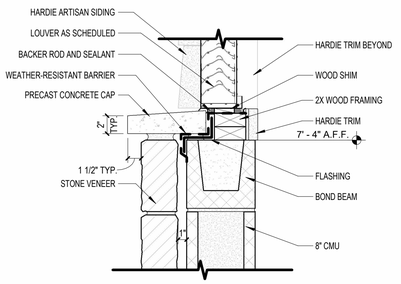

07 DOOR HEADER
1 1/2" = 1'-0"



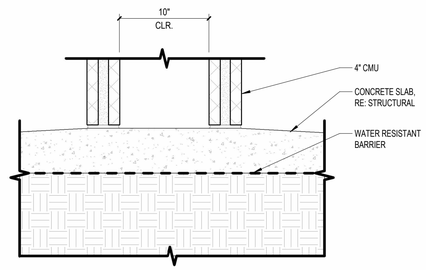

03 WIND DRIVEN LOUVER @ TOP
1 1/2" = 1'-0"



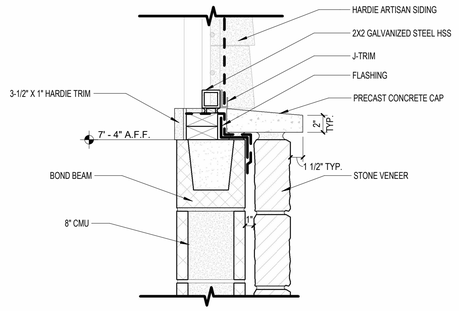

EXTERIOR PERFORATED SCREEN @ TOP
06 1 1/2" = 1'-0"



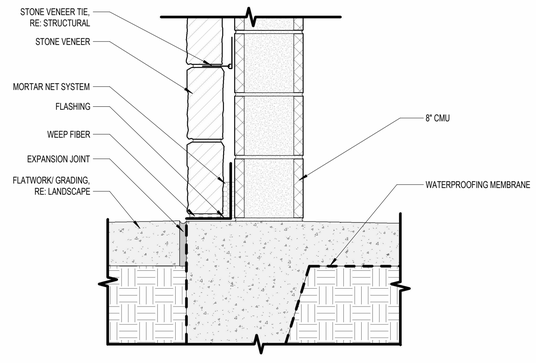

02 WIND DRIVEN LOUVER @ BOTTOM
1 1/2" = 1'-0"




09 SHAFT WALL @ BASE
1 1/2" = 1'-0"




EXTERIOR PERFORATED SCREEN @ BOTTOM
05 1 1/2" = 1'-0"




01 STONE VENEER @ BASE
1 1/2" = 1'-0"

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**12/10/25**

SEAL:

REGISTERED ARCHITECT MARK F. GOUGAS 12034 STATE OF TEXAS

**12/10/25**

CITY OF ANGLETON

# ABIGAIL ARIAS PARK

PROJECT NO. | 1514.003

301 CEMETERY ROAD, TEXAS 77515

DESIGNER | MG, OG
DRAWER | JT, CV
CHECKER | MG, MK

**ISSUANCES & REVISIONS**

| NO. | DESCRIPTION | DATE |
|---|---|---|
| | | |

**SECTION DETAILS**

**A5.02**

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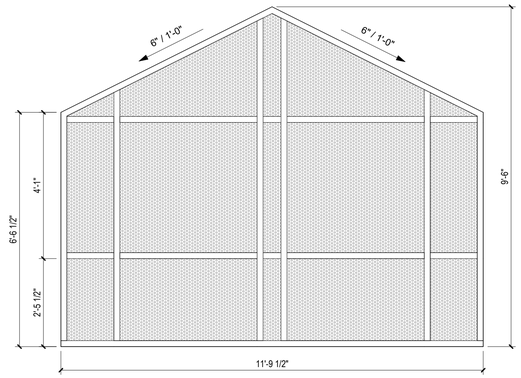
**ISSUANCES & REVISIONS**

| NO. | DESCRIPTION | DATE |
|---|---|---|
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**PERSPECTIVES**

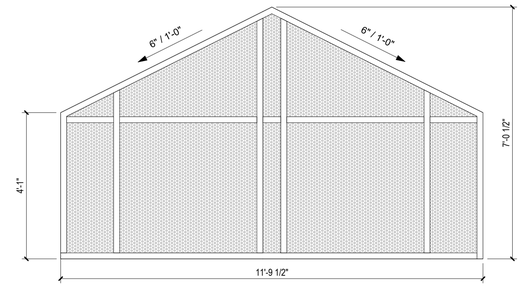
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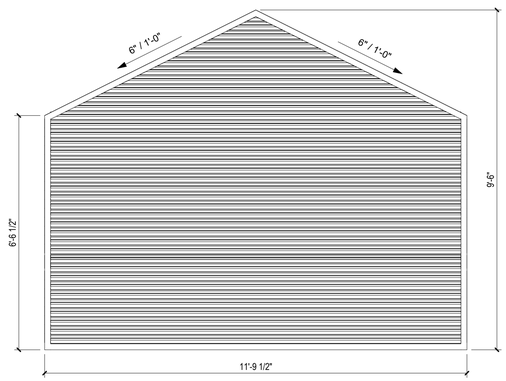

**W3**

03 EXTERIOR PERFORATED SCREEN
1/2" = 1'-0"




**W2**

02 PARTITION PERFORATED SCREEN
1/2" = 1'-0"




**W1**

01 STATIONARY LOUVER (GREENHECK, EDD-401)
1/2" = 1'-0"

## MATERIAL LEGEND

HM = HOLLOW METAL

PS = POWDER COATED STEEL

SS = STAINLESS STEEL

## HARDWARE SETS

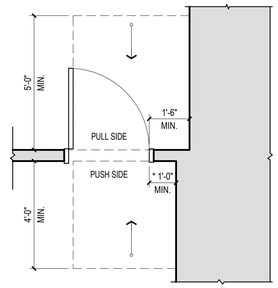
**HARDWARE SET #1**

MAGNETIC LOCK, M490DE, SCHLAGE
POWER SUPPLY, PS902, SCHLAGE
PROGRAMMABLE TIMER, REMOTE PROGRAMMING AND BACKUP POWER
EXIT PUSH BUTTON, 631AL-EX, SCHLAGE
10" SOLID DOOR PULL, 8103EZHD, IVES, 316 STAINLESS STEEL
FLOOR STOP,FS444,IVES, 66 SATIN CHROME
DOOR SILENCER,SR64,IVES
8" KICK PLATE, 8400, IVES,626 SATIN CHROME
SADDLE THRESHOLD,547, ZERO,ALUMINUM MILL FINISH
DOOR SWEEP,339, ZERO,ALUMINUM MILL FINISH
HEAD AND JAMB GASKETING, 328,IVES, ALUMINUM CLEAR ANODIZED
DOOR CLOSER, 4040XP, LCN, RAL 7040,HINGE(PULL) SIDE MOUNT, REGULAR ARM

**HARDWARE SET #2**

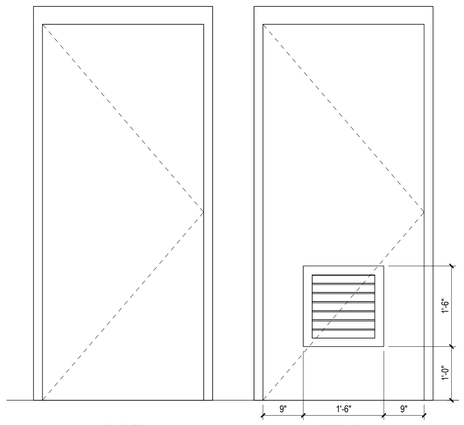
MECHANICAL STOREROOM LOCK, ND80, SCHLAGE
SFIC SMALL FORMAT INTERCHANGEABLE CORE, G, SCHLAGE
RHODES LEVER, RHO, SCHLAGE, 626 SATIN CHROME
BACKSET AND LATCH,13-247, SCHLAGE
STRIKE PLATE, 10-025, SCHLAGE,626 SATIN CHROME
DOOR SILENCER,SR64,IVES
SADDLE THRESHOLD,547, ZERO,ALUMINUM MILL FINISH
DOOR SWEEP,339, ZERO,ALUMINUM MILL FINISH
HEAD AND JAMB GASKETING, 328,IVES, ALUMINUM CLEAR ANODIZED
DOOR CLOSER, 4040XP, LCN, RAL 7040, EDA MOUNT, HEDA ARM

## DOOR CLEARANCE, TYP.



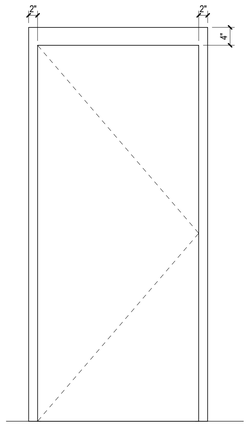

**NOTES:**
1.(*) WITH LATCH AND CLOSER
2. VERIFY REQUIRED CLEARANCES
ARE MET PRIOR TO INSTALLATION
OF FRAMES. NOTIFY ARCHITECT OF DISCREPANCIES.

## DOOR TYPE




**D01** **D02**

## FRAME TYPE




**F01**

## DOOR SCHEDULE

| DOOR # | DOOR TYPE | DOOR SLAB WIDTH | DOOR SLAB HEIGHT | DOOR MATERIAL | FRAME TYPE | FRAME MATERIAL | HARDWARE SET | COMMENTS |
|---|---|---|---|---|---|---|---|---|
| 101 | D02 | 3' - 0" | 7' - 0" | HM | F01 | HM | 1 | |
| 102 | D02 | 3' - 0" | 7' - 0" | HM | F01 | HM | 1 | |
| 103 | D01 | 3' - 0" | 7' - 0" | HM | F01 | HM | 2 | |

## ROOM FINISH SCHEDULE

| ROOM NUMBER | NAME | FLOOR | NORTH WALL | EAST WALL | SOUTH WALL | WEST WALL |
|---|---|---|---|---|---|---|
| 101 | MEN'S RESTROOM | CNC-01 | PNT-02/PNT-03 | PNT-02/PNT-03 | PNT-02/PNT-03 | PNT-02/PNT-03 |
| 102 | WOMEN'S RESTROOM | CNC-01 | PNT-02/PNT-03 | PNT-02/PNT-03 | PNT-02/PNT-03 | PNT-02/PNT-03 |
| 103 | CLOSET | CNC-01 | PNT-02/PNT-03 | PNT-02/PNT-03 | PNT-02/PNT-03 | PNT-02/PNT-03 |
| 104 | PAVILION | CNC-02 | RE:ELEVATIONS | RE:ELEVATIONS | RE: ELEVATIONS | RE: ELEVATIONS |

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LandIPlace
310 Longmire Road
Conroe, TX 77304
Tel: 936.756.3041
105 N. Main Street,
Suite 123
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Tel: 979.977.5846

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USED IN WHOLE OR IN PART,
WHITHOUT THE AUTHORIZATION OF
BURDITT CONSULTANTS, LLC.

ISSUANCE:

**BID & PERMIT SET**
**12/10/25**

SEAL:

REGISTERED ARCHITECT
MARK F. GOLIAS
12034
STATE OF TEXAS

**12/10/25**

CITY OF ANGLETON

# ABIGAIL ARIAS PARK

PROJECT NO. | 1514.003

301 CEMETERY ROAD, TEXAS 77515

DESIGNER | MG, OG
DRAWER | JT, CV
CHECKER | MG, MK

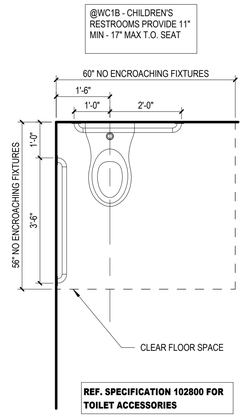
**ISSUANCES & REVISIONS**

| NO. | DESCRIPTION | DATE |
|---|---|---|

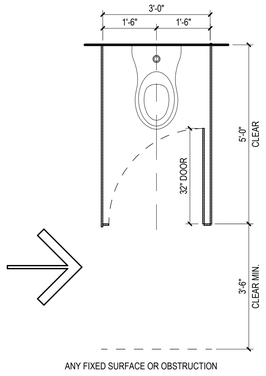
**SCHEDULES**

**A7.00**

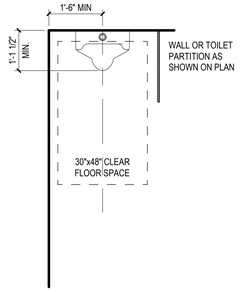
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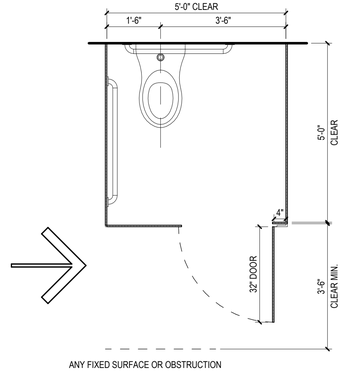

**05** ACCESSIBLE WATER CLOSET
1/2" = 1'-0"



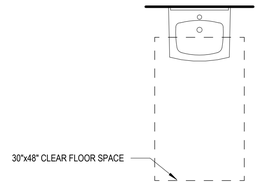

**04** NON-AMBULATORY ACCESSIBLE STALL
1/2" = 1'-0"




**03** ST1 ACCESSIBLE URINAL
1/2" = 1'-0"

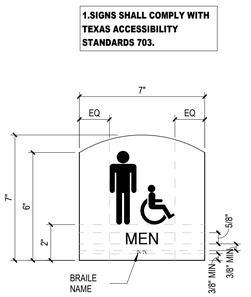


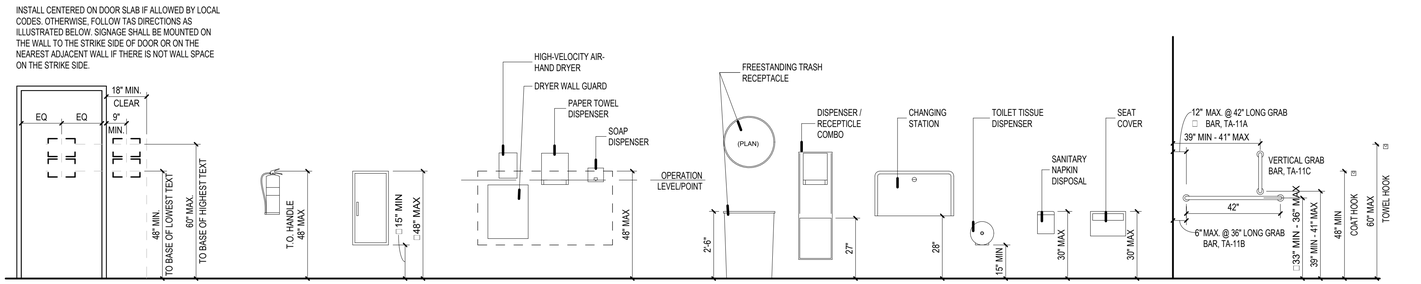

**02** ACCESSIBLE TOILET STALL
1/2" = 1'-0"



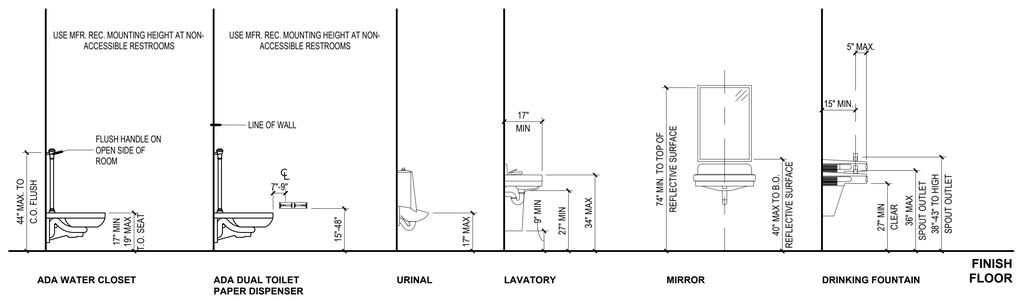

**01** ACCESSIBLE LAVATORY
1/2" = 1'-0"

## TACTILE SIGNAGE DETAILS




## TYPICAL ACCESSIBLE MOUNTING HEIGHTS




BURDITT
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310 Longmire Road
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Tel: 979.977.5846

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ISSUANCE:

**BID & PERMIT SET**
**12/10/25**

SEAL:

REGISTERED ARCHITECT
MARK F. GOUGIS
12034
STATE OF TEXAS
**12/10/25**

**CITY OF ANGLETON**

# ABIGAIL ARIAS PARK

PROJECT NO. | 1514.003

**301 CEMETERY ROAD, TEXAS 77515**

DESIGNER | MG, OG
DRAWER | JT, CV
CHECKER | MG, MK

**ISSUANCES & REVISIONS**

| NO. | DESCRIPTION | DATE |
|---|---|---|
| | | |

**TYPICAL DIAGRAMS & RR ACCESSORY SCHEDULE**

**A7.01**

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# STRUCTURAL GENERAL NOTES

## I CODES AND SPECIFICATIONS

A. GENERAL BUILDING CODE

1. International Building Code 2015

B. CONCRETE CODES

1. ACI 318, American Concrete Institute Building Code.
2. ACI 301, Specifications for Structural Concrete for Buildings.
3. CRSI - Manual of Standard Practice.

C. STRUCTURAL STEEL CODES

1. AISC – Steel Construction Manual, Fiftteenth Edition.
2. ANSI/AWS D1.1, American Welding Society - Steel.

D. MASONRY CODES

1. ACI 530 / ASCE 5
2. ACI 530.1 / ASCE 6, Specification for Masonry Structures.

E. COLD FORMED STEEL (LIGHT GAGE METAL) CODE

1. American Iron and Steel Institute (AISI) "Specification for the Design of Cold Formed Steel Structural Members", Latest Edition.

F. WOOD CODE

1. NDS – National Design Specification for Wood Construction (2005).

G. CONFLICTS IN STRUCTURAL REQUIREMENTS

1. Where conflict exists among the various parts of the Structural and architectural Contract Documents, (Structural Drawings, General Notes, Specifications) the strictest requirements shall govern.
2. All Codes and Specifications listed above shall include all amendments and addenda in force at the date of the contract documents.

## II TYPICAL DETAILS

- Details labeled "Typical Details" on the Drawings shall apply to all situations occurring on the Project that are the same or similar to those specifically detailed. Such details shall apply whether or not they are keyed in at each location. Questions regarding applicability of Typical Details shall be determined by the Engineer.

## III DESIGN CRITERIA

A. DEAD LOADS

1. Dead loads. Dead load materials assumed in the design are shown on the Architectural and Structural Drawings.
2. Partitions: An allowance of 20 psf has been made for partitions as a uniformly distributed live load, wherever partitions are used and location subject to change excluding public lobbies, corridors, restrooms, and places of public assembly.

B. LIVE LOADS

| OCCUPANCY | UNIFORM LOAD (PSF) | CONCENTRATED LOAD (#) |
|---|---|---|
| Handrails and guards | 50plf or 200lbs applied at top rail in any direction. Intermediate rails = 50lbs applied in any direction. | |
| Restrooms | 100 | 2000 |
| Offices | 50 | 2000 |
| Public areas and corridors | 100 | |
| Roofs: | | |
| Ordinary flat, pitched, or curved | 20 | |
| Awnings and canopies (fabric) | 5 | |
| Awnings and canopies (other) | 20 | |
| Storage: | | |
| Heavy | 250 | |
| Light | 125 | |
| Yards and terraces, Pedestrian | 100 | |

C. WIND LOADS ASCE 7-22

Basic wind speed (3-second gust) = 150 mph
Risk Factor II
Exposure Factor = C

D. SNOW LOAD ASCE 7-22

Pf = 5 psf

E. SEISMIC LOADS ASCE 7-22

1. Mapped acceleration parameters: Ss = 0.073, S1=0.04
2. Site Class = D
3. Importance factor, I = 1.0
4. Spectral response coefficients: SDS = 0.065, SD1 = 0.06
5. Seismic design category = A

## IV FOUNDATION - GENERAL

A. GEOTECHNICAL REPORT

1. Foundation design is based on the following geotechnical report:

Proposed: "City of Angleton - Abigail Arias Park Improvement"
Prepared by: Terracon
Report No. AS255024
Dated: July 3, 2025

All recommendations therein that relate to the work shown on these drawings shall be followed.

B. FOUNDATION APPROVAL AND INSPECTION BY AUTHORIZED INSPECTOR

1. The General Contractor shall notify the Geotechnical Engineer or other authorized inspector for review of foundation bearing surface, inspection of foundation installation, and placement of reinforcing steel. The contractor shall not place concrete without inspector's approval.
2. The Contractor shall notify the authorized inspector 48 hours in advance of any major foundation pour.

C. GRADE BEAMS

1. Grade Beam Side Forms
   a. Form exposed faces of grade beams.
2. Grade beam bottom steel shall be chaired at 5 foot maximum centers using beam bolsters providing 3 inch bottom cover to reinforcing steel. Beam bolsters used shall be intended for support on soil.
3. Bottom bars of grade beam shall be spliced (where required) at the piers only. Top bars shall be spliced (where required) at the midspan of the grade beams. Lap length shall be 44 times bar diameter unless specified otherwise. Provide corner bars to match top and bottom steel.
4. Void forms under grade beams shall be capable of supporting the wet weight of concrete over it.

D. SLAB-ON-GRADE CONSTRUCTION

1. Slab on grade construction shall follow the recommendations of Guide for Concrete Floor and Slab Construction ACI 302.1R.
2. Subgrade Preparation shall conform to the soils report noted above. If report does not specify the amount of select fill, provide fill as required above to reduce PVR to 1 inch.
3. Provide (2) #4 x 4'-0" top and bottom at all slab on grade re-entrant corners.

E. VAPOR RETARDER

1. Vapor retarder shall have no more than 0.01 perms as tested before and after mandatory conditioning (ASTM E 1745 Section 7.1 and sub-paragraphs 7.1.2-5), meet or exceed the requirements of ASTM E 1745 Class A and be no less than 15 mils thick.
   a. STEGO WRAP VAPOR BARRIER (15 mils) Vaporguard by REEF Industries Ecosheild-E 15 mil by Epro Services
2. All seams shall be overlapped a minimum of 6 inches and taped with manufacturer's tape. All penetrations, block-outs, and openings shall be sealed using a combination of the vapor retarder, mastic and manufacturer's tape.

## V SPREAD (DUG) FOOTING FOUNDATION

A. DESIGN SOIL PRESSURES

1. Allowable Pressures = 3000 psf under sustained loads
   = 4500 psf under total (Dead + Live) loads

B. FIELD INSPECTION OF BEARING STRATUM

1. The bearing stratum of each spread footing and all strip footings shall be inspected and approved by the Geotechnical Engineer or other authorized inspector prior to pouring of concrete.

C. FOOTING EXCAVATION

1. Footings shall be neat excavated where possible with sides and top edges free of loose or wet materials. Where neat excavation is not possible, footing excavation shall be open cut with edges formed and braced. All footings with formed edges shall be backfilled from bottom to top of footing with lean concrete or cement stabilized sand. The bottom excavation shall be clean and dry with all loose material removed for an essentially flat bearing surface. Excavations shall not be left overnight unless a 2 inch unreinforced seal (mud) slab is placed at the bottom of the footing excavation. Where soft or unsuitable bearing surfaces are encountered, the area shall be undercut as required and replaced with compacted fill, cement stabilized sand, or concrete as directed by the Geotechnical Engineer. Fill material, if used, shall be compacted in 6 inches maximum loose lifts to a minimum 95% of Standard Proctor Density (ASTM D 698) unless specified otherwise by the Geotechnical Engineer.

## VI CONCRETE

A. DESIGN STRENGHS

1. All concrete shall conform to the 28-day compressive strength requirements as specified in the table below unless noted otherwise on the Drawings:

| USAGE | STRENGTH (PSI) | TYPE | MAX. AGGR SIZE (IN) |
|---|---|---|---|
| Footings, Grade Beams | 3000 | NW | 1 1/2 |
| Plinths | 3000 | NW | 1 |
| Slab-on-Grade | 3000 | NW | 1 1/2 |
| Topping Slab | 3000 | LW | 3/4 |

Notes:

NW = Normal weight concrete
AGGR = Aggregate

2. There shall be no horizontal cold joint in any concrete pour.
3. Admixtures used shall be compatible with floor treatments.
4. Concrete for slabs shall have a maximum water-cement ratio of 0.45.
5. Concrete shall comply with the requirements of ACI 301 and ACI 318.
6. Fly ash conforming to ASTM C618, Type F, may be used unless noted otherwise. The maximum amount of fly ash shall be 25% of the total cementitious material by weight.

## VII REINFORCING STEEL

A. SPECIFICATION

1. ASTM A 615 Grade 60 unless noted otherwise on the drawings. Welded Reinforcing Steel - ASTM A 706.
2. Welded Wire Fabric: Welded smooth wire fabric, ASTM A 185, yield strength 65,000 psi. Welded deformed wire fabric for ASTM A 497, yield strength 70,000 psi. All welded wire fabric shall be furnished in flat sheets only. Wherever welded wire fabric is specified as reinforcement, it shall be continuous across the entire concrete surface and not interrupted by beams or girders and properly lapped one cross wire spacing plus 2 inches.

B. REINFORCING STEEL COVERAGE

1. Cover in structural members not specified below shall conform to the requirements of ACI 318 Section 7.7 unless specified otherwise on the drawings.
   a. Foundation Members:

| | |
|---|---|
| Grade Beams | 1 1/2" top, 3" bottom, 3" sides |
| Basement Walls | 2" dirt face, 3/4" interior face |
| Foundation Retaining Walls | 2" both faces |
| Sump Walls, Pit Walls | 2" both faces |
| Spread Footings, Combined Footings | 3" bottom and sides, 2" top |
| Underreamed Footings | 3" sides |
| Drilled Piers | 3" sides |
| Interior Slab-on-Grade | see details |
| Exterior Slab-on-Grade | 2" top cover for one layer of steel. 2" top cover, 3" bottom cover for two layers of steel. |

## VIII STRUCTURAL STEEL

A. MATERIAL

| | |
|---|---|
| Wide flanged sections | ASTM A992 GR 50 |
| Tubes | ASTM A500 GR B |
| Pipes | ASTM A53 GR B or ASTM A501 |
| Connection material | ASTM A36 unless stronger required |
| Anchor rods | ASTM F1554-36 u.n.o |

1. All hot rolled steel plates, shapes and bars shall be new steel conforming to ASTM Specification A6-84c.

B. CONNECTIONS

1. Typical connection details are indicated on the Drawings.
2. The design of all steel connections shall be performed under the direct supervision of a registered professional engineer in the state where the project is located, employed by the fabricator. Calculations sealed by the fabricator's professional engineer must be submitted if requested.
3. It is the intention of the plans and specifications that shop connections be welded or bolted and that field connections be bolted, unless detailed otherwise on the Drawings.
4. All typical beam simple connections shall be standard double angle or single angle framed beam connections. Shear tab connections may be used at locations where double angle connections are not possible. Seated beam connections shall not be used unless indicated on the Drawings. Provide full depth shear tab if beam frames on only one side of a girder.
5. Beam Reactions

   Non-Composite beams: Design connections to support a reaction R (unless specified otherwise) equal to one half the total uniform load capacity from the table of Uniform Load Constants in the AISC Manual.
6. Bracing connections shall develop full tensile forces at each end of the bracing member unless bracing forces are specified on the Drawings.
7. MC = Moment Connections
8. Welds:
   a. All bolts shall conform to ASTM A325 Type 1, High Strength Bolts. All bolts shall be designed as bearing bolts with threads included in the shear plane. Minimum bolt diameter shall be 3/4 inch. All bolts shall be tightened to a snug-tight position, unless noted below.
   b. All bolts at braces and moment connections shall be tightened using load indicating washers or tension bolts.
   c. All bolts shall be new and shall not be re-used.

C. GALVANIZING

1. All steel exposed to weather or outside the building's waterproofing, such as brick shelf angles, shall be hot-dipped galvanized after fabrication.
2. All steel surfaces to be hot dip galvanized shall be prepared as specified by the Steel Structures Painting Council (SSPC).
3. The zinc coating for steel shapes and plates shall average not less than 2.3 oz. with no individual thickness less than 2.0 oz.
4. Galvanize all nuts, bolts, and washers used in the connection of galvanized steel.
5. Protect all field welded connections with "Z.R.C. Cold Galvanizing Compound" as manufactured by Z.R.C. Product Company.

D. MISCELLANEOUS – STAIRS AND HANDRAILS

1. Handrails and guardrails (including attachment to structure) shall be designed by the fabricator for the loads indicated in the referenced Building Code. Shop drawings shall be sealed by a Professional Engineer in the state of Texas, representing the fabricator.
2. Stairs shall be designed by the fabricator for code required loads. Shop drawings shall be sealed by a Professional Engineer in the state of Texas, representing the fabricator.

## IX LIGHT GAGE METAL

A. SPECIFICATIONS

1. All structural members and connections shall be designed and erected per the American Iron and Steel Institute (AISI) Specifications noted above.
2. All studs and/or joists and accessories shall be of the type, size, gauge and spacing shown on the Drawings. All joists and studs shall have 1 5/8" flange with 1/2" return unless specified otherwise.
3. All framing members shall be manufactured from corrosion resistant steel conforming to ASTM A 653 (G60) with a minimum yield strength of 50 ksi for studs and joist members and 33 ksi for runner and track members and flat strap bracings.
4. Prior to fabrication, the contractor shall submit erection drawings to structural engineer for review and approval.
5. All framing components shall be cut squarely for attachment to perpendicular members, or as required for an angular fit against abutting members.

B. DESIGN

1. Fastening of components shall be with self-drilling screws or welding of sufficient size to ensure the strength of the connection.
2. Studs shall have full bearing against inside track web, prior to stud and track attachment.
3. Splices in framing components except runners track shall not be permitted.
4. For non-load bearing studs, connections shall consider the deflection (1/2") of structural members to which the studs are attached. Provide slide clips and/or deflection slip tracks.

C. ERECTION

1. Erect framing and panels plumb, level and square in strict accordance to approved shop drawings.
2. Track shall be securely anchored to the supporting structure. Proposed connection to be submitted for approval unless specified otherwise on drawings. Abutting pieces of track shall be securely spliced together.
3. Jack studs or cripples shall be installed below window sills, above window and door heads, and elsewhere to furnish support, and shall be securely attached to connecting members.
4. Provide horizontal bridging in all stud systems at four feet on centers vertically for axially loaded studs, and at six feet on centers vertically for non-load bearing studs. Weld at each stud intersection.

## X NON-SHRINK GROUT FOR BASE PLATES AND BEARING PLATES

A. SPECIFICATIONS

1. Grout for base plates and bearing plates shall be a non-metallic, shrinkage resistant, premixed, non-corrosive, non-staining product containing Portland cement, silica sands, shrinkage compensating agents, and fluidity improving compounds.
2. Grout shall conform to Corps of Engineers Specification for Non-Shrink Grout, CE-CRD-C621. Twenty-eight day compressive strength as determined by grout cube tests, shall be 5,000 PSI. Minimum thickness of grout under all base plates and bearing plates shall be 1 inch, unless specified otherwise on the drawings.
3. Grout shall be placed in a fluid flowable state under base plates that have a form built around them for grout confinement. Grout should be cured according to manufacturer's recommendations.

## XI ROOF DECK

A. SCHEDULE

1. Roof deck shall be 3 X 6 Tongue and Groove decking.

## XII CONCRETE MASONRY

A. SPECIFICATION

1. All masonry materials and construction shall conform to the recommendations of the Brick Institute of America (BIA) and National Concrete Masonry Association (NCMA) and masonry codes noted in these general notes.
2. All concrete masonry units (CMU) shall conform to ASTM C90, Type 1, Grade N. Unless specified otherwise, CMU shall be lightweight (less than 105 PCF, oven dry unit weight). The minimum compressive strength of masonry (f'm) shall be 1,500 psi as determined by the unit strength method or by the prism test method. All masonry units shall be placed in running bond.
3. Mortar:
   a. Unless specified otherwise, all mortars and the materials therein shall conform to the standard specifications of Masonry Units, ASTM C270, Type S except for masonry in contact with the earth shall be Type M.
   b. Mortar shall have minimum average strength of 1900 psi for Type M, or S.
4. Grout:
   a. All Grout shall be fine grout containing sand, Portland cement, and lime (optional) for grout spaces less than 2 inches in any horizontal direction, unless specified otherwise.
   b. Grout shall attain a minimum 28 days compressive strength of 2500 psi tested according to ASTM C476.
5. Control Joints shall be located per Architectural drawings and specifications or at a maximum spacing of 40 feet on centers.

B. REINFORCEMENT

1. Provide horizontal reinforcing (truss or ladder type, 9 gauge) at 16 inches on center for all CMU walls. Reinforcement shall conform to ASTM A82 and shall be hot dip galvanized.
2. All horizontal reinfor

## XIII SUBMITTALS

A. SHOP DRAWINGS

1. The General Contractor shall submit for Engineer review shop drawings for the following items:
   a. Structural Steel (*)
   b. Reinforcing Steel
   c. Metal Deck
   d. Concrete Mix Designs
   e. Miscellaneous Steel

   Note:
   Items marked (*) shall have shop drawings sealed by a registered engineer in the state where the project is located. Items marked (#) shall be submitted to Engineer for Owner's record only and will not have Engineer's shop drawing stamp.
2. All shop drawings must be reviewed and sealed by the General Contractor prior to submittal.
3. Contractor shall submit electronic copies (e.g. pdfs) of all shop drawings specified to be returned by the Engineer.
4. The omission from the shop drawings of any material required by the Contract Documents to be furnished shall not relieve the contractor of the responsibility of furnishing and installing such materials, regardless of whether the shop drawings have been reviewed and approved.

B. MANUFACTURER'S LITERATURE

1. Submit two copies of manufacturer's literature for all materials and products used in construction on the project.

C. REPRODUCTION

1. The use of reproductions of these Contract Documents by any contractor, subcontractor, erector, fabricator, or material supplier in lieu of preparation of shop drawings signifies his acceptance of all information shown herein as correct, and obligates himself to any job expense, real or implied, arising due to any errors that may occur herein.

## XIV SITE OBSERVATION BY THE STRUCTURAL ENGINEER

A. The contract structural drawings and specifications represent the finished structure, and except where specifically shown, do not indicate the method or means of construction. The Contractor shall supervise and direct the work and shall be solely responsible for all construction means, methods, and procedures, techniques, and sequence.

B. The Engineer shall not have control or charge of, and shall not be responsible for, construction means, methods, techniques, sequences, or procedures, for safety precautions and programs in connection with the work, for the acts or omission of the Contractor, Subcontractor, or any other persons performing any of the work, or for the failure of any of them to carry out the work in accordance with the contract documents.

C. Periodic site observation by field representatives are solely for the purpose of determining if the work of the Contractor is proceeding in accordance with the structural contract documents. This limited site observation should not be construed as exhaustive or continuous to check the quality or quantity of the work, but rather periodic in an effort to guard the Owner against defects or deficiencies in the work of the Contractor.

## XV MISCELLANEOUS

A. CONTRACT DOCUMENTS

1. It is the responsibility of the General Contractor to obtain all Contract Documents and latest addenda and to submit such documents to all subcontractors and material suppliers prior to the submittal of shop drawings, fabrication of any structural members, and erection in the field.

B. DRAWING CONFLICTS

1. The General Contractor shall compare the Architectural and Structural drawings and report any discrepancy between each set of drawings and within each set of drawings to the Architect and Engineer prior to the fabrication and installation of any structural members.

C. EXISTING CONDITIONS

1. The General Contractor shall verify all dimensions and existing conditions at the job site and report any discrepancies from assumed conditions shown on the drawings to the Architect and Engineer prior to the fabrication and erection of any members.

D. RESPONSIBILITY OF THE CONTRACTOR FOR STABILITY OF THE STRUCTURE DURING CONSTRUCTION

1. All structural elements of the project have been designed by the Structural Engineer to resist the required code vertical and lateral forces that could occur in the final completed structure only. It is the responsibility of the Contractor to provide all required bracing during construction to maintain the stability and safety of all structural elements during the construction process until the structure is tied together and completed.

E. HORIZONTAL CONSTRUCTION JOINTS IN CONCRETE POURS

1. There shall be no horizontal construction joints in any concrete pours unless shown on the drawings. All deviations or additional joints shall be approved in writing by the Architect/Engineer.


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ISSUANCE:

**CONSTRUCTION DOCUMENTS 100%**

**12/10/2025**

SEAL: TBPE Firm Registration No. F-18127

STATE OF TEXAS
BRIAN W. FREY
143190
LICENSED PROFESSIONAL ENGINEER
12/10/2025


HF SE Hurley Frey Structural Engineers
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CITY OF ANGLETON

**ABIGAIL ARIAS PARK**

PROJECT NO. | 1514.003

301 CEMETERY ROAD, TEXAS 77515

DESIGNER | BF
DRAWER | HG
CHECKER | BF

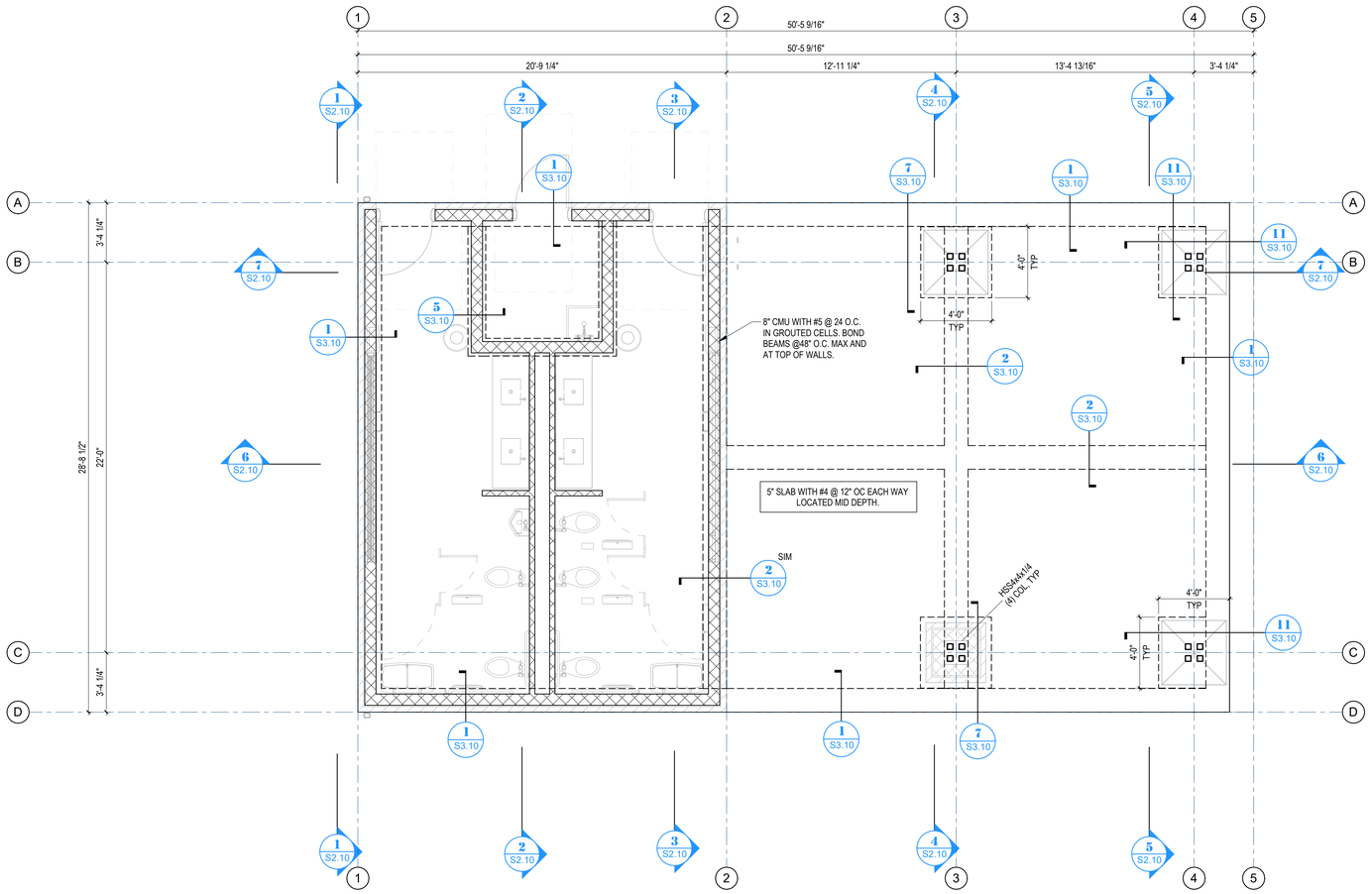
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**GENERAL NOTES**

**S0.01**


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## 1 FOUNDATION PLAN

1/4" = 1'-0"

**FOUNDATION PLAN NOTES:**

1. REFERENCE FINISH FLOOR ELEVATION = (+) 0'-0" WITH RESPECT TO DATUM ELEVATION SEE CIVIL OR ARCH FOR FINISH FLOOR ELEVATION.
2. REFER TO GEOTECHNICAL REPORT AND THE SPECIFICATIONS FOR SITE PREPARATION.
3. SLAB ON GRADE IS 5" THICK REINFORCED WITH #4@16" OC EACH WAY. REINFORCEMENT TO BE PLACED WITHIN MID DEPTH OF SLAB THICKNESS. SLAB ON GRADE TO BE PLACED ON 15 MIL VAPOR BARRIER (UNO).
4. REFER TO MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR SLAB PENETRATION AND UNDERGROUND UTILITIES.
5. CONTRACTOR TO VERIFY ALL SLAB EDGE, STAIR AND ELEVATOR OPENING DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION.
6. PROVIDE 2-#4 x 4'-6" ADDITIONAL SLAB REINFORCEMENT AT ALL RE-ENTRANT CORNERS.
7. SEE GENERAL NOTES AND SPECIFICATION FOR ADDITIONAL INFORMATION.
8. REFER TO ARCHITECTURAL DRAWINGS FOR EXTENT AND DIMENSIONS OF RAISED OR DEPRESSED SLAB AREAS, SLOPES AND DRAINS.
9. BUILDING PAD TO BE A MINIMUM OF 3 FEET THICK.

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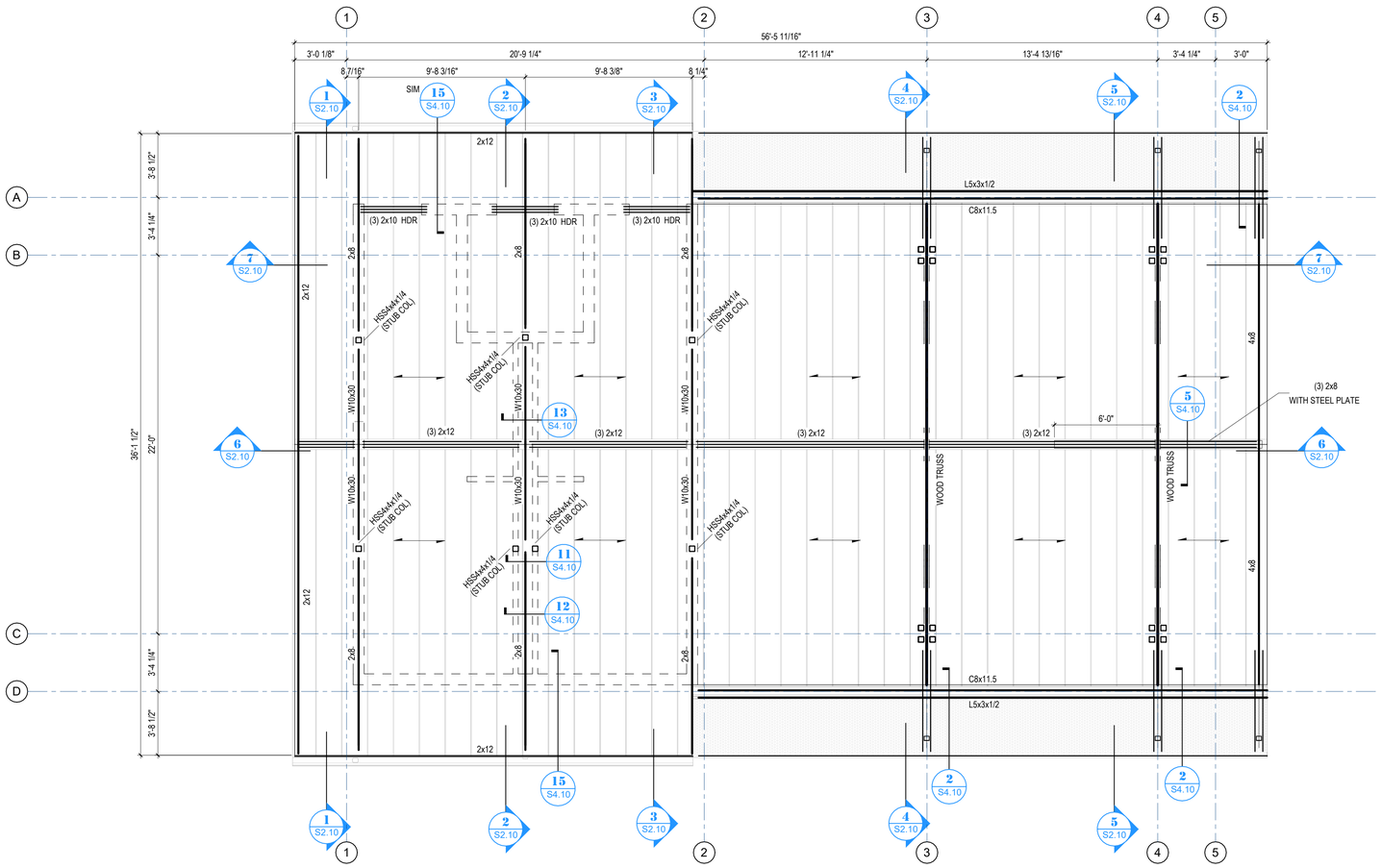
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**FOUNDATION PLAN**

**S1.01**

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## 1 ROOF FRAMING PLAN

1/4" = 1'-0"

**ROOF FRAMING PLAN NOTES:**

1. CONNECT THE RAFTERS TO EACH OTHER WITH SIMPSON LSTA24 OVER-THE-RIDGE STRAPS.
2. THE ROOF DECKING SHALL BE 5/8" WOOD STRUCTURAL PANELS, APA RATED SHEATHING, EXP 1.
3. TIE EACH RAFTER TO THE TOP PLATE WITH A SIMPSON H2.5.
4. TIE EACH STUD TO THE TOP PLATE WITH A SIMPSON H2.5.
5. TONGUE AND GROOVE DECKING TO BE 3" x 6" (NOMINAL) WITH 5/8" PANELS ON TOP OF DECKING FOR DIAPHRAGM. 5/8" PANEL TO BE NAILED TO TONGUE AND GROOVE WITH 4d NAILS SPACED @ 3" O.C. EA WAY.

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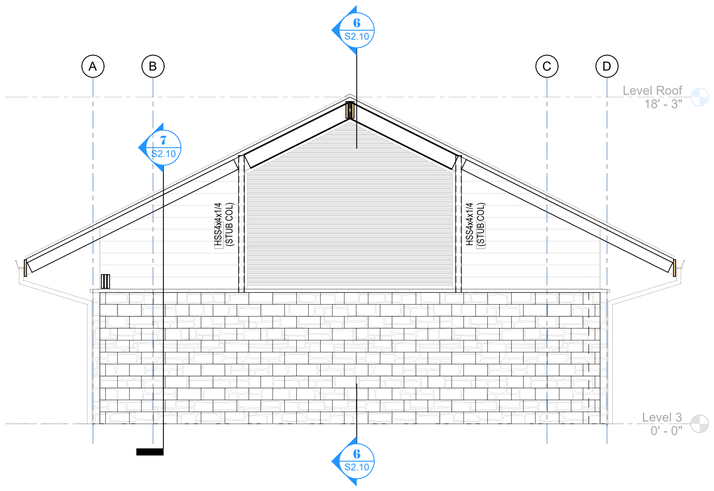
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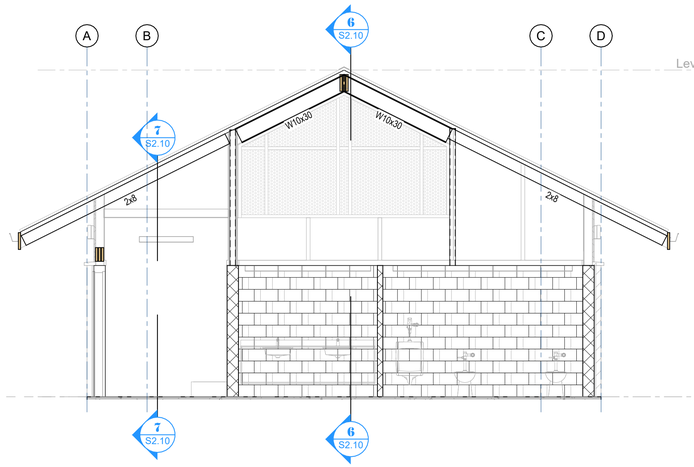
**ROOF FRAMING PLAN**

**S1.02**

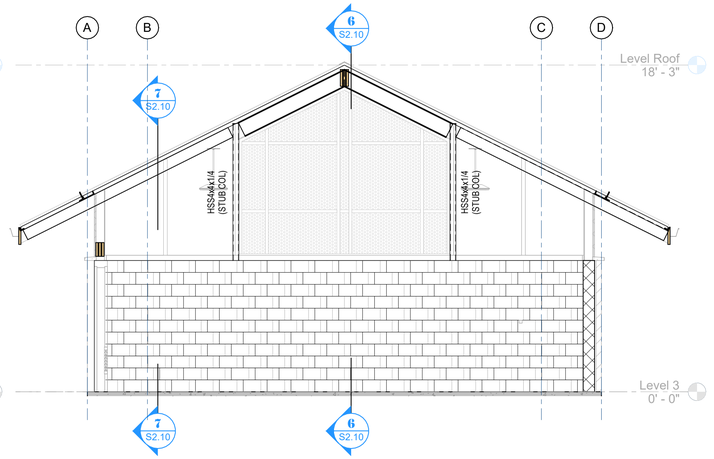
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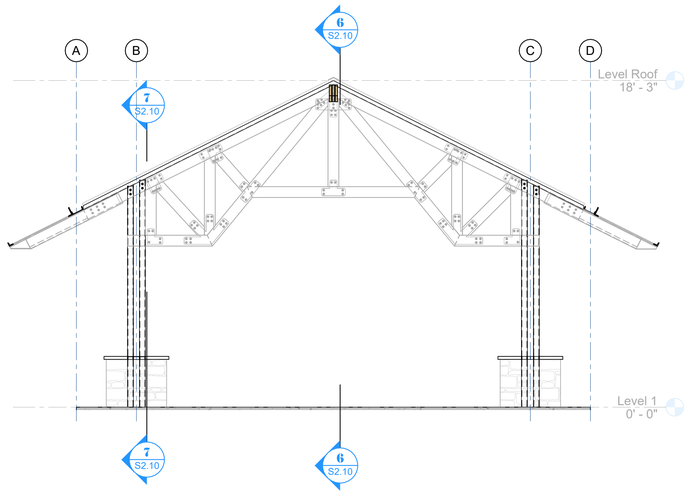

## 1 GENERAL FRAMING SECTION
1/4" = 1'-0"



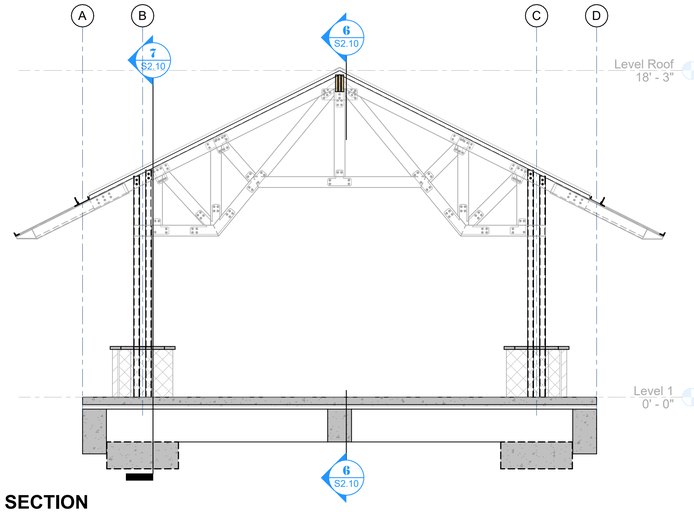

## 2 GENERAL FRAMING SECTION
1/4" = 1'-0"



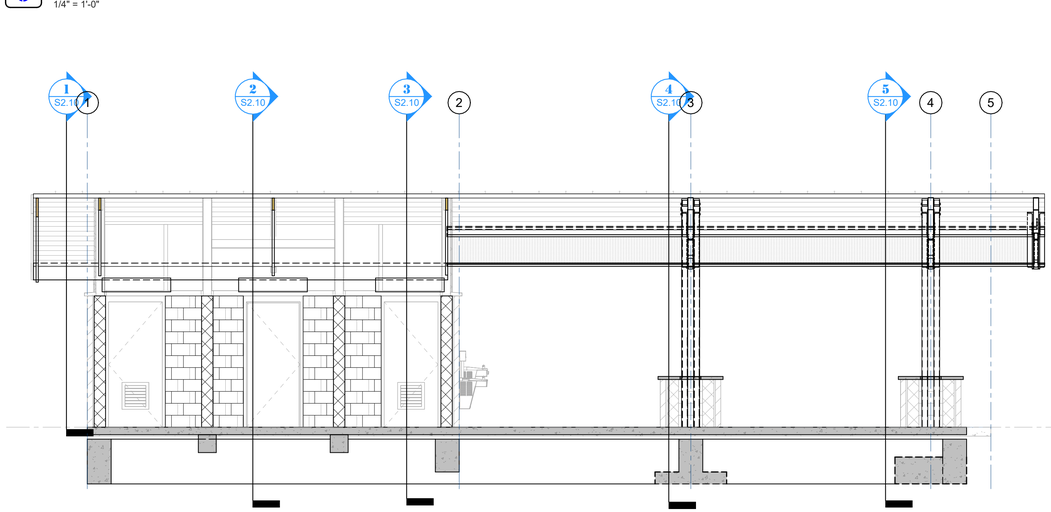

## 3 GENERAL FRAMING SECTION
1/4" = 1'-0"



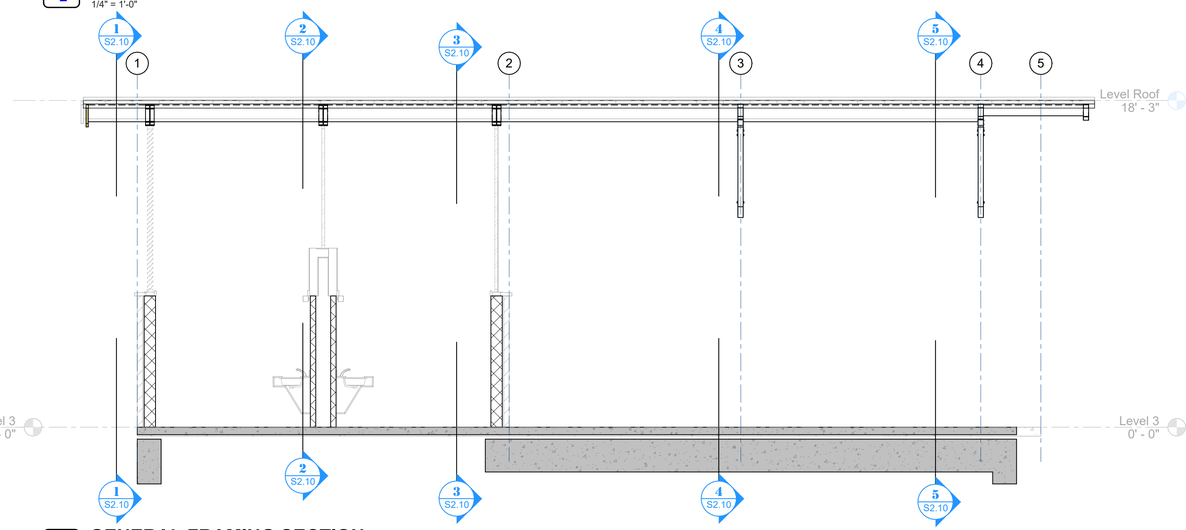

## 5 GENERAL FRAMING SECTION
1/4" = 1'-0"




## 4 GENERAL FRAMING SECTION
1/4" = 1'-0"




## 7 GENERAL FRAMING SECTION
1/4" = 1'-0"




## 6 GENERAL FRAMING SECTION
1/4" = 1'-0"


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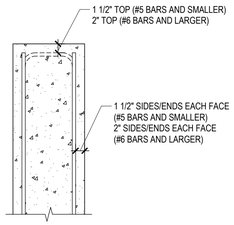
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**GENERAL FRAMING SECTIONS**

**S2.10**

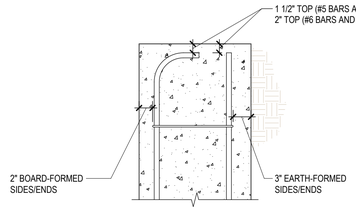

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NOTES:
1. REFER TO "NOTES FOR TYPICAL CLEAR CONCRETE COVER FOR REINFORCING STEEL" FOR ADDITIONAL INFORMATION.

## 4 TYPICAL CLEAR CONCRETE COVER FOR REINFORCING STEEL IN FOUNDATION WALLS

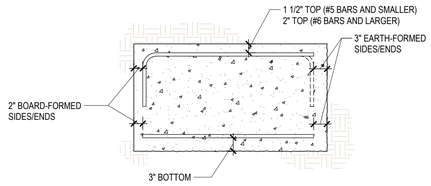
NO SCALE




NOTES:
1. REFER TO "NOTES FOR TYPICAL CLEAR CONCRETE COVER FOR REINFORCING STEEL" FOR ADDITIONAL INFORMATION.

## 3 TYPICAL CLEAR CONCRETE COVER FOR REINFORCING STEEL IN PLINTHS/PILASTERS

NO SCALE




NOTES:
1. REFER TO "NOTES FOR TYPICAL CLEAR CONCRETE COVER FOR REINFORCING STEEL" FOR ADDITIONAL INFORMATION.

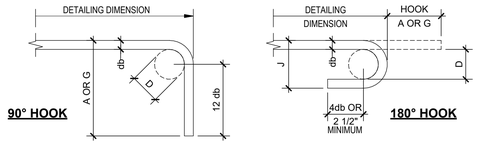
## 2 TYPICAL CLEAR CONCRETE COVER FOR REINFORCING STEEL IN SPREAD FOOTINGS

NO SCALE

NOTES:
1. CONCRETE PROFILES AND REINFORCING STEEL CONFIGURATIONS ARE SCHEMATIC AND ARE PROVIDED FOR ESTABLISHING TYPICAL CLEAR CONCRETE COVERS ONLY. REFER TO STRUCTURAL PLANS AND DETAILS FOR ALL OTHER INFORMATION.
2. ALL COVERS SHOWN ARE CLEAR FROM THE OUTERMOST SURFACE OF REINFORCING STEEL TO THE CLOSEST OUTER SURFACE OF THE CONCRETE, INCLUDING REVEALS, DRIP GROOVES, OR RUSTICATIONS.
3. WHERE COVERS ARE DIFFERENT AS A FUNCTION OF BAR SIZE, DETAILER SHALL ADJUST LOCATION OF TRANSVERSE REINFORCING STEEL AS REQUIRED SUCH THAT CLEAR COVERS ARE MET FOR BOTH TRANSVERSE AND LONGITUDINAL STEEL.

## 1 NOTES FOR TYPICAL CLEAR CONCRETE COVER FOR REINFORCING STEEL

NO SCALE




**END HOOK DIMENSIONS**

| BAR SIZE | FINISHED BEND DIAMETER D, (INCHES) | 180° HOOKS | | 90° HOOK |
|---|---|---|---|---|
| | | A OR G, (INCHES) | J, (INCHES) | A OR G, (INCHES) |
| #3 | 2 1/4 | 5 | 3 | 6 |
| #4 | 3 | 6 | 4 | 8 |
| #5 | 3 3/4 | 7 | 5 | 10 |
| #6 | 4 1/2 | 8 | 6 | 12 |
| #7 | 5 1/4 | 10 | 7 | 14 |
| #8 | 6 | 11 | 8 | 16 |
| #9 | 9 1/2 | 15 | 11 3/4 | 19 |
| #10 | 10 3/4 | 17 | 13 1/4 | 22 |
| #11 | 12 | 19 | 14 3/4 | 24 |
| #14 | 18 1/4 | 27 | 21 3/4 | 31 |
| #18 | 24 | 36 | 28 1/2 | 41 |

D = INSIDE DIAMETER OF BEND

## 9 TYPICAL END HOOK TYPES

NO SCALE

**DEVELOPMENT LENGTHS OF STANDARD HOOKS IN TENSION**

GRADE 60 REINFORCEMENT, NORMALWEIGHT CONCRETE

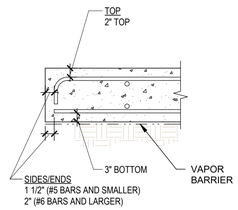
| BAR SIZE | f'c=3000 PSI | | f'c=4000 PSI | | f'c=5000 PSI | | f'c=6000 PSI | | f'c=7000 PSI | | f'c=8000 PSI | | BAR SIZE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Lhb | 0.7 Lhb | Lhb | 0.7 Lhb | Lhb | 0.7 Lhb | Lhb | 0.7 Lhb | Lhb | 0.7 Lhb | Lhb | 0.7 Lhb | |
| #3 | 9 | 7 | 8 | 6 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | #3 |
| #4 | 11 | 8 | 10 | 7 | 9 | 7 | 8 | 6 | 8 | 6 | 7 | 6 | #4 |
| #5 | 14 | 10 | 12 | 9 | 11 | 8 | 10 | 7 | 9 | 7 | 9 | 7 | #5 |
| #6 | 17 | 12 | 15 | 11 | 13 | 10 | 12 | 9 | 11 | 8 | 11 | 8 | #6 |
| #7 | 20 | 14 | 17 | 12 | 15 | 11 | 14 | 10 | 13 | 10 | 12 | 9 | #7 |
| #8 | 22 | 16 | 19 | 14 | 17 | 12 | 16 | 12 | 15 | 11 | 14 | 10 | #8 |
| #9 | 25 | 18 | 22 | 16 | 20 | 14 | 18 | 13 | 17 | 12 | 16 | 12 | #9 |
| #10 | 28 | 20 | 25 | 18 | 22 | 16 | 20 | 14 | 19 | 14 | 18 | 13 | #10 |
| #11 | 31 | 22 | 27 | 19 | 24 | 17 | 22 | 16 | 21 | 15 | 19 | 14 | #11 |
| #14 | 38 | - | 33 | - | 29 | - | 27 | - | 25 | - | 23 | - | #14 |
| #18 | 50 | - | 43 | - | 39 | - | 35 | - | 33 | - | 31 | - | #18 |




NOTES:
1. Ldh = DEVELOPMENT LENGTH OF STANDARD HOOKS IN TENSION (INCHES).
2. Ldh = Lhb UNLESS CONDITIONS OF NOTE 3 ARE SATISFIED.
3. Ldh = 0.7Lhb FOR #11 BARS AND SMALLER WHEN SIDE COVER (NORMAL TO PLANE OF HOOK) IS NOT LESS THAN 2 1/2 INCHES AND FOR 90° HOOKS COVER ON BAR EXTENSION BEYOND HOOK IS NOT LESS THAN 2 INCHES.
4. HOOKS ARE NOT CONSIDERED EFFECTIVE FOR DEVELOPING BARS IN COMPRESSION.
5. Ldh SHALL BE MULTIPLIED BY 1.2 FOR EPOXY-COATED HOOKED REINFORCING BARS.

## 8 TYPICAL DEVELOPMENT LENGTHS OF STANDARD HOOKS IN TENSION

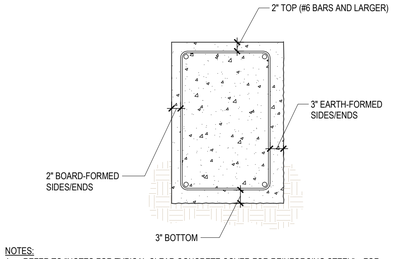
NO SCALE




NOTES:
1. REFER TO "NOTES FOR TYPICAL CLEAR CONCRETE COVER FOR REINFORCING STEEL" FOR ADDITIONAL INFORMATION.

## 6 TYPICAL CLEAR CONCRETE COVER FOR REINFORCING STEEL IN SLABS-ON-GRADE

NO SCALE




NOTES:
1. REFER TO "NOTES FOR TYPICAL CLEAR CONCRETE COVER FOR REINFORCING STEEL" FOR ADDITIONAL INFORMATION.

## 5 TYPICAL CLEAR CONCRETE COVER FOR REINFORCING STEEL IN GRADE BEAMS

NO SCALE

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**TYPICAL FOUNDATION DETAILS**

**S3.00**

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## WALL VERTICAL BAR TENSION DEVELOPMENT AND LAP SPLICE LENGTHS

GRADE 60 REINFORCEMENT, NORMALWEIGHT CONCRETE

| BAR SIZE | LAP CLASS | f'c = 3000 PSI | | f'c = 4000 PSI | | f'c = 5000 PSI | | f'c = 6000 PSI | |
|---|---|---|---|---|---|---|---|---|---|
| | | CATEGOR Y | CATEGOR Y | CATEGOR Y | CATEGOR Y | CATEGOR Y | CATEGOR Y | CATEGOR Y | CATEGOR Y |
| #4 | A | 17 | 17 | 15 | 15 | 15 | 15 | 15 | 15 |
| | B | 22 | 22 | 19 | 19 | 17 | 17 | 16 | 16 |
| #5 | A | 21 | 25 | 19 | 21 | 19 | 19 | 19 | 19 |
| | B | 27 | 32 | 24 | 28 | 21 | 25 | 19 | 23 |
| #6 | A | 25 | 33 | 23 | 29 | 23 | 26 | 23 | 24 |
| | B | 33 | 43 | 28 | 37 | 25 | 34 | 23 | 31 |
| #7 | A | 41 | 48 | 35 | 42 | 32 | 38 | 29 | 34 |
| | B | 53 | 63 | 46 | 54 | 41 | 49 | 38 | 45 |
| #8 | A | 51 | 55 | 44 | 48 | 40 | 43 | 36 | 39 |
| | B | 66 | 72 | 57 | 62 | 51 | 56 | 47 | 51 |
| #9 | A | 62 | 62 | 54 | 54 | 48 | 48 | 44 | 44 |
| | B | 81 | 81 | 70 | 70 | 63 | 63 | 57 | 57 |

NOTES:
1. ALL SPLICE LENGTHS ARE IN INCHES.
2. THIS TABLE SHALL BE USED FOR WALL VERTICAL BARS ONLY. REFER TO OTHER DEVELOPMENT LENGTH TABLES FOR WALL HORIZONTAL BARS AND OTHER MEMBERS.
3. THE TENSION DEVELOPMENT LENGTH (Ld) IS EQUAL TO THE SCHEDULED "CLASS A" LAP SPLICE LENGTH.
4. FOR DETERMINING THE BAR CATEGORY, "db" IS DEFINED AS THE DIAMETER OF THE LARGER BAR BEING SPLICED.
5. THE "CATEGORY 1" LAP LENGTH SHALL BE USED WHEN THE CLEAR SPACING BETWEEN BARS AT THE SPLICE IS EQUAL TO OR GREATER THAN 3db.
6. THE "CATEGORY 2" LAP LENGTH SHALL BE USED WHEN THE CLEAR SPACING BETWEEN BARS AT THE SPLICE IS LESS THAN 3db AND GREATER THAN 2db.
7. WHEN THE CLEAR SPACING BETWEEN BARS AT THE SPLICE IS EQUAL TO OR LESS THAN 2db, SPLICES SHALL BE STAGGERED SO THAT NO MORE THAN 50% OF BARS ARE SPLICED AT ANY GIVEN LOCATION. REFER TO "TYPICAL CLEAR SPACING CRITERIA OF LAP SPLICED BARS, STAGGERED SPLICES " FOR CRITERIA TO DETERMINE CLEAR SPACING "S" FOR BARS AT STAGGERED SPLICES.
8. FOR EPOXY-COATED BARS, MULTIPLY THE TABULATED SPLICE LENGTHS BY 1.5.
9. WHEN LAP SPLICING BARS OF DIFFERENT SIZES, THE LAP LENGTH IS DETERMINED BY THE SMALLER BAR BUT MAY NOT BE LESS THAN THE "CLASS A" SPLICE LENGTH OF THE LARGER BAR.

### 4 TYPICAL WALL VERTICAL BAR TENSION DEVELOPMENT AND LAP SPLICE LENGTHS
NO SCALE

## WALL HORIZONTAL BAR TENSION DEVELOPMENT AND LAP SPLICE LENGTHS

GRADE 60 REINFORCEMENT, NORMALWEIGHT CONCRETE

| BAR SIZE | LAP CLASS | f'c = 3000 PSI | f'c = 4000 PSI | f'c = 5000 PSI |
|---|---|---|---|---|
| #3 | A | 13 | 12 | 12 |
| | B | 17 | 16 | 16 |
| #4 | A | 22 | 19 | 17 |
| | B | 29 | 25 | 23 |
| #5 | A | 32 | 28 | 25 |
| | B | 42 | 37 | 33 |
| #6 | A | 43 | 37 | 34 |
| | B | 56 | 49 | 45 |
| #7 | A | 69 | 60 | 54 |
| | B | 90 | 78 | 71 |
| #8 | A | 86 | 74 | 67 |
| | B | 112 | 97 | 88 |
| #9 | A | 104 | 90 | 81 |
| | B | 136 | 117 | 106 |

NOTES:
1. ALL SPLICE LENGTHS ARE IN INCHES.
2. THIS TABLE SHALL BE USED FOR WALL HORIZONTAL BARS ONLY. REFER TO OTHER DEVELOPMENT LENGTH TABLES FOR WALL VERTICAL BARS AND OTHER MEMBERS.
3. THE TENSION DEVELOPMENT LENGTH (Ld) IS EQUAL TO THE SCHEDULED "CLASS A" LAP SPLICE LENGTH.
4. FOR EPOXY-COATED BARS, MULTIPLY THE TABULATED SPLICE LENGTHS BY 1.3.
5. WHEN LAP SPLICING BARS OF DIFFERENT SIZES, THE LAP LENGTH IS DETERMINED BY THE SMALLER BAR BUT MAY NOT BE LESS THAN THE "CLASS A" SPLICE LENGTH OF THE LARGER BAR.

### 3 TYPICAL WALL HORIZONTAL BAR TENSION DEVELOPMENT AND LAP SPLICE LENGTHS
NO SCALE

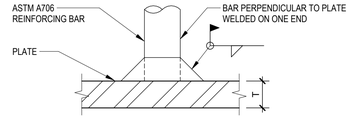
## SLAB TENSION DEVELOPMENT AND LAP SPLICE LENGTHS

GRADE 60 REINFORCEMENT, NORMALWEIGHT CONCRETE

| BAR SIZE | LAP CLASS | f'c = 3000 PSI | | f'c = 4000 PSI | | f'c = 5000 PSI | |
|---|---|---|---|---|---|---|---|
| | | BOTTOM BARS | OTHER BARS | BOTTOM BARS | OTHER BARS | BOTTOM BARS | OTHER BARS |
| #3 | A | 12 | 13 | 12 | 12 | 12 | 12 |
| | B | 16 | 17 | 16 | 16 | 16 | 16 |
| #4 | A | 17 | 22 | 15 | 19 | 13 | 17 |
| | B | 23 | 29 | 20 | 25 | 17 | 23 |
| #5 | A | 25 | 32 | 21 | 28 | 19 | 25 |
| | B | 33 | 42 | 28 | 37 | 25 | 33 |
| #6 | A | 33 | 43 | 29 | 37 | 26 | 34 |
| | B | 43 | 56 | 38 | 49 | 34 | 45 |
| #7 | A | 53 | 69 | 46 | 60 | 42 | 54 |
| | B | 69 | 90 | 60 | 78 | 55 | 71 |
| #8 | A | 66 | 86 | 57 | 74 | 51 | 67 |
| | B | 86 | 112 | 75 | 97 | 67 | 88 |
| #9 | A | 80 | 104 | 69 | 90 | 62 | 81 |
| | B | 104 | 136 | 90 | 117 | 81 | 106 |

NOTES:
1. ALL SPLICE LENGTHS ARE IN INCHES.
2. THIS TABLE SHALL BE USED FOR SLABS ONLY. REFER TO OTHER DEVELOPMENT LENGTH TABLES FOR OTHER MEMBERS.
3. THE TENSION DEVELOPMENT LENGTH (Ld) IS EQUAL TO THE SCHEDULED "CLASS A" LAP SPLICE LENGTH.
4. A BOTTOM BAR IS DEFINED AS ANY BAR THAT DOES NOT HAVE MORE THAN 12" OF FRESH CONCRETE BELOW THE BAR.
5. OTHER BARS INCLUDE TOP BARS AND ALL OTHER BARS THAT HAVE MORE THAN 12" OF FRESH CONCRETE BELOW THE BAR. FOR TOP REINFORCEMENT IN SLABS THAT ARE 12" THICK OR LESS, TABULATED SPLICE LENGTHS FOR BOTTOM BARS SHALL BE USED.
6. FOR EPOXY-COATED BARS, MULTIPLY THE TABULATED SPLICE LENGTHS OF BOTTOM BARS BY 1.5 AND THE TABULATED SPLICE LENGTHS OF OTHER BARS BY 1.3.
7. WHEN LAP SPLICING BARS OF DIFFERENT SIZES, THE LAP LENGTH IS DETERMINED BY THE SMALLER BAR BUT MAY NOT BE LESS THAN THE "CLASS A" SPLICE LENGTH OF THE LARGER BAR.

### 2 TYPICAL SLAB TENSION DEVELOPMENT AND LAP SPLICE LENGTHS
NO SCALE




## DEVELOPMENT OF WELDABLE REINFORCEMENT

GRADE 60 REINFORCEMENT, E70 ELECTRODE

| BAR SIZE | NOMINAL WELD SIZE (INCHES) | MINIMUM PLATE THICKNESS, T (INCHES) |
|---|---|---|
| #3 | 1/4 | 1/4 |
| #4 | 5/16 | 1/4 |
| #5 | 3/8 | 1/4 |
| #6 | 7/16 | 5/16 |
| #7 | 1/2 | 3/8 |
| #8 | 9/16 | 7/16 |
| #9 | 5/8 | 1/2 |
| #10 | 11/16 | 9/16 |
| #11 | 3/4 | 5/8 |

### 1 TYPICAL DEVELOPMENT OF WELDABLE REINFORCEMENT
NO SCALE

## BEAM AND GIRDER TENSION DEVELOPMENT AND LAP SPLICE LENGTHS

GRADE 60 REINFORCEMENT, NORMALWEIGHT CONCRETE

| BAR SIZE | LAP CLASS | f'c = 3000 PSI | | f'c = 4000 PSI | | f'c = 5000 PSI | | f'c = 6000 PSI | | f'c = 7000 PSI | | f'c = 8000 PSI | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | BOTTOM BARS | OTHER BARS | BOTTOM BARS | OTHER BARS | BOTTOM BARS | OTHER BARS | BOTTOM BARS | OTHER BARS | BOTTOM BARS | OTHER BARS | BOTTOM BARS | OTHER BARS |
| #3 | A | 12 | 13 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| | B | 16 | 17 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| #4 | A | 16 | 20 | 14 | 18 | 12 | 16 | 12 | 15 | 12 | 14 | 12 | 13 |
| | B | 21 | 26 | 19 | 24 | 16 | 21 | 16 | 20 | 16 | 19 | 16 | 17 |
| #5 | A | 23 | 29 | 20 | 25 | 18 | 23 | 16 | 21 | 15 | 19 | 14 | 18 |
| | B | 30 | 38 | 26 | 33 | 24 | 30 | 21 | 28 | 20 | 25 | 19 | 24 |
| #6 | A | 31 | 40 | 27 | 35 | 24 | 31 | 22 | 28 | 20 | 26 | 19 | 25 |
| | B | 41 | 52 | 36 | 46 | 32 | 41 | 29 | 37 | 26 | 34 | 25 | 33 |
| #7 | A | 46 | 60 | 40 | 52 | 36 | 46 | 33 | 42 | 30 | 39 | 28 | 37 |
| | B | 60 | 78 | 52 | 68 | 47 | 60 | 43 | 55 | 39 | 51 | 37 | 49 |
| #8 | A | 60 | 78 | 52 | 67 | 46 | 60 | 42 | 55 | 39 | 51 | 37 | 48 |
| | B | 78 | 102 | 68 | 88 | 60 | 78 | 55 | 72 | 51 | 67 | 49 | 63 |
| #9 | A | 64 | 84 | 56 | 72 | 50 | 65 | 46 | 59 | 42 | 55 | 40 | 51 |
| | B | 84 | 110 | 73 | 94 | 65 | 85 | 60 | 77 | 55 | 72 | 52 | 67 |
| #10 | A | 72 | 93 | 62 | 81 | 56 | 72 | 51 | 66 | 47 | 61 | 44 | 57 |
| | B | 94 | 121 | 81 | 106 | 73 | 94 | 67 | 86 | 62 | 80 | 58 | 75 |
| #11 | A | 85 | 110 | 74 | 96 | 66 | 86 | 60 | 78 | 56 | 72 | 52 | 68 |
| | B | 111 | 143 | 97 | 125 | 86 | 112 | 78 | 102 | 73 | 94 | 68 | 89 |

NOTES:
1. ALL SPLICE LENGTHS ARE IN INCHES.
2. THIS TABLE SHALL BE USED FOR BEAMS AND GIRDERS ONLY. REFER TO OTHER DEVELOPMENT LENGTH TABLES FOR OTHER MEMBERS.
3. THE TENSION DEVELOPMENT LENGTH (Ld) IS EQUAL TO THE SCHEDULED "CLASS A" LAP SPLICE LENGTH.
4. A BOTTOM BAR IS DEFINED AS ANY BAR THAT DOES NOT HAVE MORE THAN 12" OF FRESH CONCRETE BELOW THE BAR.
5. OTHER BARS INCLUDE TOP BARS, FACE BARS, AND ALL OTHER BARS THAT HAVE MORE THAN 12" OF FRESH CONCRETE BELOW THE BAR.
6. FOR EPOXY-COATED BARS, MULTIPLY THE TABULATED SPLICE LENGTHS OF BOTTOM BARS BY 1.5 AND THE TABULATED SPLICE LENGTHS OF OTHER BARS BY 1.3.
7. WHEN LAP SPLICING BARS OF DIFFERENT SIZES, THE LAP LENGTH IS DETERMINED BY THE SMALLER BAR BUT MAY NOT BE LESS THAN THE "CLASS A" SPLICE LENGTH OF THE LARGER BAR.

### 5 TYPICAL BEAM AND GIRDER TENSION DEVELOPMENT AND LAP SPLICE LENGTHS
NO SCALE

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ISSUANCE:

**CONSTRUCTION DOCUMENTS 100%**

**12/10/2025**

SEAL: TBPE Firm Registration No. F-18127

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BRIAN W. FREY
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LICENSED PROFESSIONAL ENGINEER
12/10/2025

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CITY OF ANGLETON

# ABIGAIL ARIAS PARK

PROJECT NO. | 1514.003

301 CEMETERY ROAD, TEXAS 77515

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CHECKER | BF

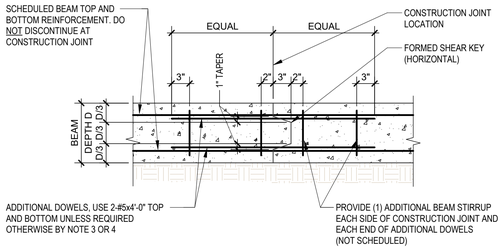
**ISSUANCES & REVISIONS**

| NO. | DESCRIPTION | DATE |
|---|---|---|
| | 60% CD | 10/14/2025 |
| | 90% CD | 11/11/2025 |
| | Bid & Permit Set | 12/10/2025 |

**FOUNDATION TYPICAL DETAILS**

**S3.01**

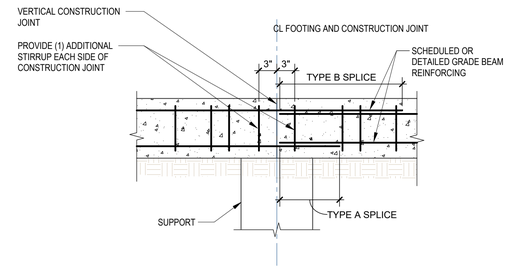
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NOTES:
1. GENERAL CONTRACTOR SHALL SUBMIT DESIRED CONSTRUCTION JOINT LAYOUT AS A SHOP DRAWING FOR APPROVAL A MINIMUM OF TWO WEEK PRIOR TO POUR.
2. CONSTRUCTION JOINT LOCATIONS SHALL BE COORDINATED WITH REINFORCING STEEL SUPPLIER AND ERECTOR.
3. ACCEPTABLE JOINT LOCATIONS ARE AS FOLLOWS:
   a. FOR BEAMS NOT SUPPORTING INTERSECTING BEAMS: PLACE JOINT MIDDLE THIRD OF SPAN.
   b. FOR BEAMS SUPPORTING INTERSECTING BEAMS, CHECK WITH STRUCTURAL ENGINEER.
4. FOR JOINT LOCATIONS OTHER THAN WITHIN MIDDLE THIRD OF SPAN, CONTRACTOR SHALL COORDINATE REQUIRED ADDITIONAL REINFORCEMENT WITH THE ENGINEER ON THE SHOP DRAWINGS.

## 4 TYPICAL GRADE BEAM CONSTRUCTION JOINT

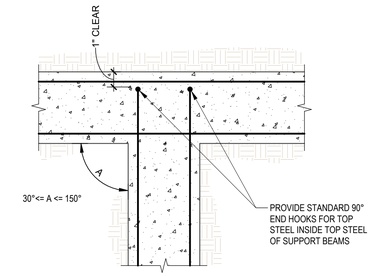
NO SCALE




NOTES:
1. NORMAL GRADE BEAM REINFORCEMENT SHALL BE CONTINUOUS THROUGH CONSTRUCTION JOINTS.

## 3 TYPICAL GRADE BEAM CONSTRUCTION JOINT ALTERNATE DETAIL

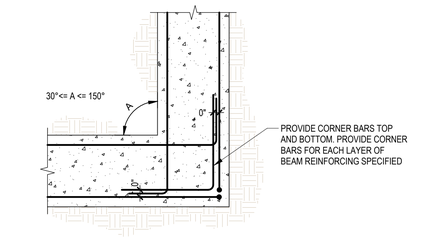
NO SCALE




NOTES:
1. GRADE BEAMS SHALL BE POURED MONOLITHICALLY AT INTERSECTIONS. REFER TO TYPICAL GRADE BEAM CONSTRUCTION JOINT DETAIL FOR ACCEPTABLE CONSTRUCTION JOINT LOCATIONS.

## 2 TYPICAL GRADE BEAM "T" INTERSECTION TOP BAR PLACEMENT DIAGRAM (PLAN VIEW)

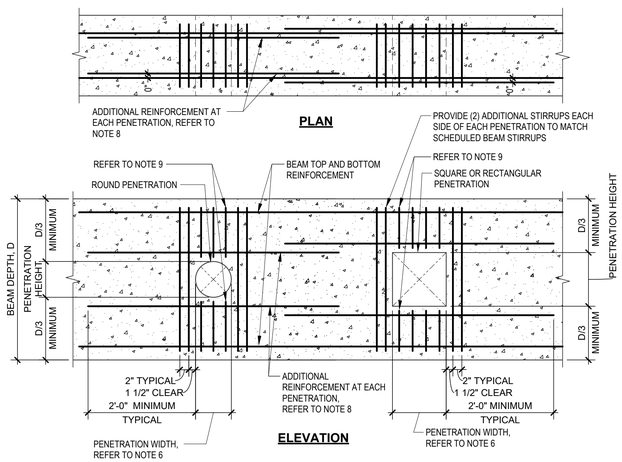
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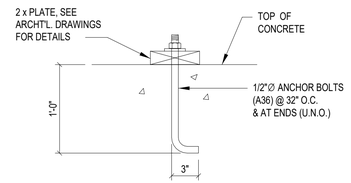

NOTES:
1. GRADE BEAMS SHALL BE POURED MONOLITHICALLY AROUND CORNERS. REFER TO TYPICAL GRADE BEAM CONSTRUCTION JOINT DETAIL FOR ACCEPTABLE CONSTRUCTION JOINT LOCATIONS.

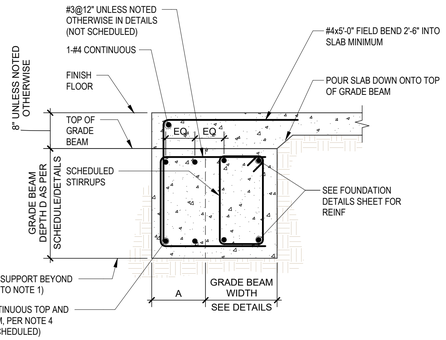
## 1 TYPICAL GRADE BEAM REINFORCING STEEL SPLICE AT CORNERS (PLAN VIEW)

NO SCALE




NOTES:
1. GENERAL CONTRACTOR SHALL COORDINATE LOCATION, SIZE, AND ELEVATION AND INCLUDE IN HIS CONTRACT PRICE ALL REQUIRED HORIZONTAL PENETRATIONS THROUGH CONCRETE BEAMS WHETHER SHOWN ON STRUCTURAL DRAWINGS OR NOT.
2. WHERE BEAM PENETRATIONS ARE REQUIRED BUT ARE NOT SPECIFICALLY DETAILED ON THE STRUCTURAL DRAWINGS, CONTRACTOR SHALL SUBMIT DRAWINGS SHOWING DIMENSIONS AND LOCATIONS OF ALL REQUIRED PENETRATIONS FOR REVIEW AND APPROVAL.
3. "D" DENOTES THE DEPTH OF BEAM.
4. CLEAR SPACING BETWEEN PENETRATIONS SHALL BE 24" MINIMUM UNLESS NOTED OTHERWISE BY THE STRUCTURAL ENGINEER.
5. PENETRATIONS SHALL BE LOCATED ACCORDING TO THE FOLLOWING CRITERIA:
   a. FOR BEAMS NOT SUPPORTING INTERSECTING BEAMS LOCATE PENETRATIONS WITHIN TWO FEET EITHER SIDE OF BEAM MIDSPAN.
   b. FOR BEAMS SUPPORTING INTERSECTING BEAMS CHECK WITH STRUCTURAL ENGINEER.
6. PENETRATION WIDTH MUST NOT EXCEED PENETRATION HEIGHT, UNLESS NOTED OTHERWISE ON THE STRUCTURAL DRAWINGS.
7. FOR LOCATIONS AND/OR SIZES OF PENETRATIONS NOT CONFORMING TO THE ABOVE CRITERIA AND NOT OTHERWISE DETAILED ON THE STRUCTURAL DRAWINGS, CONTRACTOR SHALL COORDINATE REQUIRED ADDITIONAL REINFORCEMENT WITH THE STRUCTURAL ENGINEER.
8. PROVIDE THE FOLLOWING REINFORCEMENT AT EACH SLEEVE, UNLESS NOTED OTHERWISE ON THE STRUCTURAL DRAWINGS:
   1-#5 TOP AND BOTTOM AT BEAMS WITH WIDTHS LESS THAN 9".
   2-#5 TOP AND BOTTOM AT BEAMS WITH 2-LEG STIRRUPS.
   4-#5 TOP AND BOTTOM AT BEAMS WITH 4-LEG STIRRUPS.
   "N"-#5 TOP AND BOTTOM AT BEAMS WITH "N"-LEG STIRRUPS.
9. PROVIDE ADDITIONAL STIRRUPS ABOVE AND BELOW PENETRATIONS AT SPACING NOT TO EXCEED ONE THIRD OF THE SCHEDULED STIRRUP SPACING, UNLESS DETAILED OTHERWISE ON THE STRUCTURAL DRAWINGS.
10. SCHEDULED BEAM STIRRUPS NOT SHOWN FOR CLARITY.

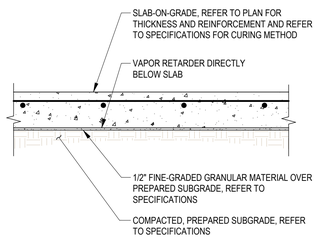



NOTES:
1. WHERE GRADE BEAMS OF UNEQUAL DEPTH FRAME TO THE SAME SUPPORT, TOP OF SUPPORT SHALL BE AT THE BOTTOM OF THE DEEPEST GRADE BEAM. POUR SHALLOWER BEAM DOWN ONTO SUPPORT.
2. REFER TO GENERAL NOTES FOR CLEAR COVER AT SIDES, TOP AND BOTTOM OF BEAM.
3. REFER TO PLAN FOR WIDENED DIMENSION "A".
4. FOR BEAMS WIDENED 3" OR MORE, PROVIDE THE FOLLOWING ADDITIONAL REINFORCEMENT:
   3"≤As≤12": 1-#5 TOP AND 1-#5 BOTTOM
   12"<As≤24": 2-#5 TOP AND 2-#5 BOTTOM
   24"<As≤36": 3-#5 TOP AND 3-#5 BOTTOM
   A>36": CONSULT WITH STRUCTURAL ENGINEER

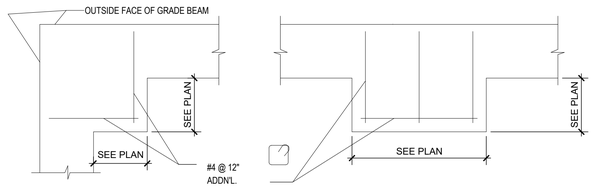
## 8 TYPICAL HORIZONTAL PENETRATION IN CONCRETE BEAM

NO SCALE




## 12 TYPICAL SLAB-ON-GRADE SUBGRADE PREPARATION

NO SCALE




NOTES:
1. PLAN VIEWS FOR TYPICAL WIDENED GRADE BEAMS ARE SHOWN. FOR SIMILAR ONDITION NOT SHOWN, PROVIDE ADDN'L. #4@ 12" O.C. MAX. IN WIDENED SECTION.
2. SEE DETAIL SHEETS FOR GRADE BEAM WIDTH.
3. USE WHERE 5/S3.1 IS NOT NOTED.

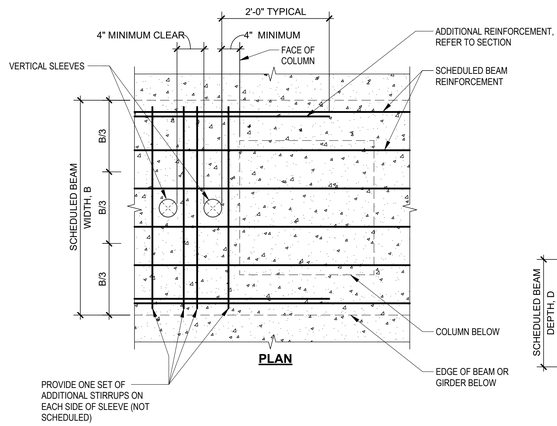
TYPICAL DETAIL ADDITIONAL BARS ATWIDENED GRADE BEAM (PLAN VIEW)

## 11 WIDENED GRADE BEAM

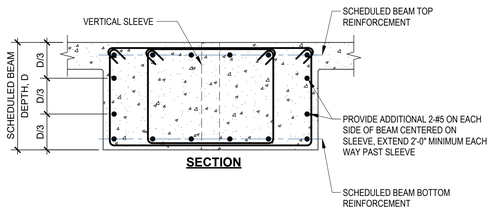
3/4" = 1'-0"

## 6 TYPICAL WALL TRACK ANCHOR DETAIL

12" = 1'-0"




NOTES:
1. GENERAL CONTRACTOR SHALL COORDINATE REQUIRED BEAM SLEEVES WITH MECHANICAL, ELECTRICAL, AND PLUMBING CONTRACTORS. REQUIRED SLEEVES MAY OR MAY NOT BE SHOWN ON THE STRUCTURAL DRAWINGS. GENERAL CONTRACTOR SHALL SUBMIT PLAN SHOWING LAYOUT OF ALL SLEEVES WITH FORMWORK SHOP DRAWING SUBMITTAL.
2. SLEEVES SHALL BE LOCATED WITHIN THE MIDDLE THIRD OF THE SCHEDULED BEAM WIDTH.
3. CONTINUOUS BEAM REINFORCEMENT MAY BE SLIGHTLY DISPLACED (3" MAXIMUM) OR ADJACENT BARS BUNDLED (2 BAR BUNDLES MAXIMUM) TO FACILITATE SLEEVE INSTALLATION. DO NOT CUT, OFFSET, OR BEND REINFORCEMENT.
4. SLEEVES OCCURRING ON OPPOSITE SIDES OF A COLUMN MUST BE IN LINE.
5. THE OUTSIDE DIAMETER OF A SLEEVE MAY NOT EXCEED 15% OF THE SCHEDULED WIDTH OF THE BEAM THROUGH WHICH IT MUST PASS.
6. THE CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD WHEN A SLEEVE SIZE OR LOCATION DOES NOT MEET THE ABOVE CONDITIONS.
7. SCHEDULED BEAM STIRRUPS NOT SHOWN FOR CLARITY.




## 10 TYPICAL VERTICAL PENETRATION IN CONCRETE BEAM

NO SCALE

## 5 TYPICAL EXTERIOR WIDENED GRADE BEAM

NO SCALE

BURDITT Land|Place
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**12/10/2025**

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BRIAN W. FREY
143190
LICENSED PROFESSIONAL ENGINEER
12/10/2025

HF SE Hurley Frey Structural Engineers
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CITY OF ANGLETON

**ABIGAIL ARIAS PARK**

PROJECT NO. | 1514.003

301 CEMETERY ROAD, TEXAS 77515

DESIGNER | BF
DRAWER | HG
CHECKER | BF

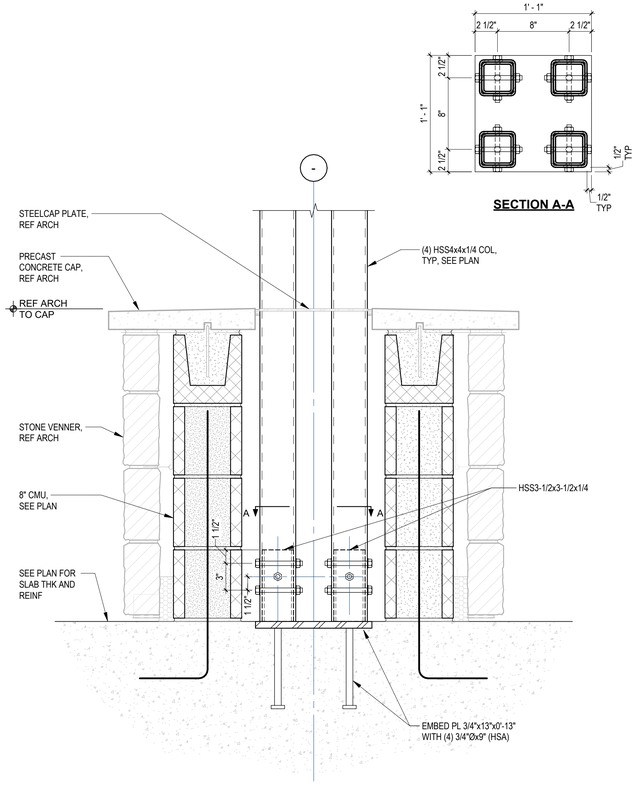
**ISSUANCES & REVISIONS**

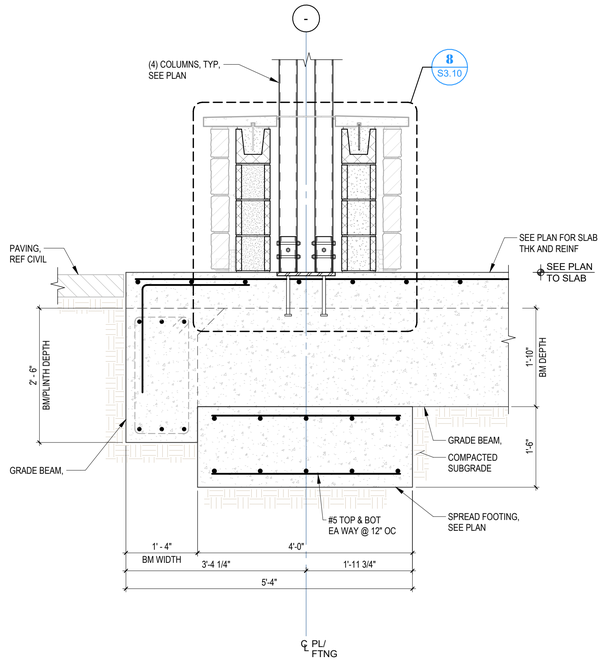
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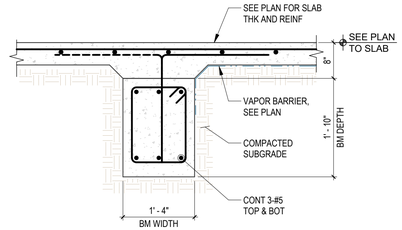
**TYPICAL FOUNDATION DETAILS**

**S3.02**

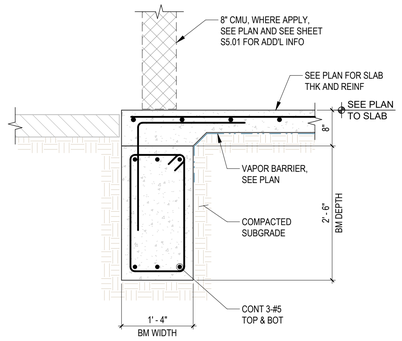
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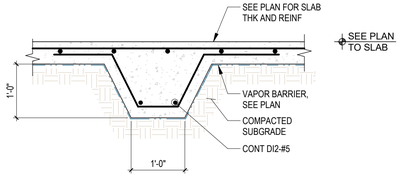




**2** **DETAIL**
3/4" = 1'-0"



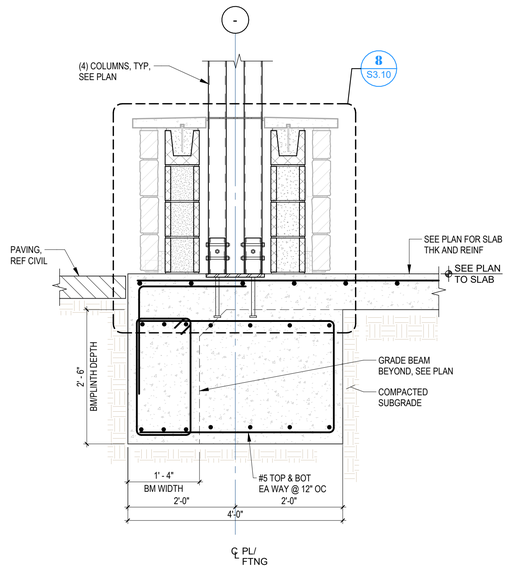

**1** **DETAIL**
3/4" = 1'-0"




**8** **DETAIL AT COLUMN CONNECTION**
1 1/2" = 1'-0"

**7** **DETAIL**
3/4" = 1'-0"

**5** **DETAIL**
3/4" = 1'-0"




**11** **DETAIL**
3/4" = 1'-0"

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**FOUNDATION DETAILS**

**S3.10**

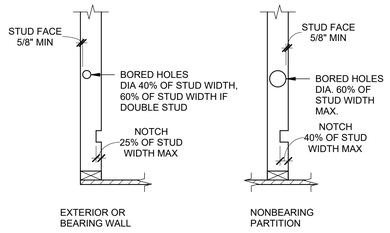
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| PENETRATIONS THRU STUDS | | | | | |
|---|---|---|---|---|---|
| WALL SIZE | STUDS LOAD BEARING OR EXTERIOR WALL BORED HOLE SIZE | | NON LOAD BEARING WALL BORED HOLE SIZE | LOAD BEARING WALL NOTCH | NON LOAD BEARING WALL NOTCH |
| | 40% | 60% | 60% | 25% | 40% |
| 2 X 4 | 1 3/8" | - | 2 1/8" | 7/8" | 1 3/8" |
| (2) 2 X 4 | - | 2 1/8" | 2 1/8" | 7/8" | 1 3/8" |
| 2 X 6 | 2 1/4" | - | 3 5/16" | 1 3/8" | 2 1/4" |
| (2) 2 X 6 | - | 3 5/16" | 3 5/16" | 1 3/8" | 2 1/4" |
| 2 X 8 | 2 7/8" | - | 4 3/8" | 1 13/16" | 2 7/8" |
| (2) 2 X 8 | - | 4 3/8" | 4 3/8" | 1 13/16" | 2 7/8" |

| WALL SIZE | HOLE SIZE |
|---|---|
| 2 X 4 | 1 3/4" |
| 2 X 6 | 2 3/4" |
| 2 X 8 | 3 5/8" |

PLATES - TOP AND BOTTOM PLATE HOLE, CUT OR NOTCH THAT IS 50% OR MORE OF WIDTH MUST BE REPAIRED USING 16 GA.(MIN.) METAL TIE THAT IS ATLEAST 1-1/2" WIDE (SECTION 2308.9.8 IBC) IF WALL IS A SHEAR WALL IT MUST BE REPAIRED USING HARDY FRAME SADDLE (HFS).

NOTE:
SEE SECTION 2308.9.10, 2308.9.11 AND FIGURE 2308.9.10 IBC

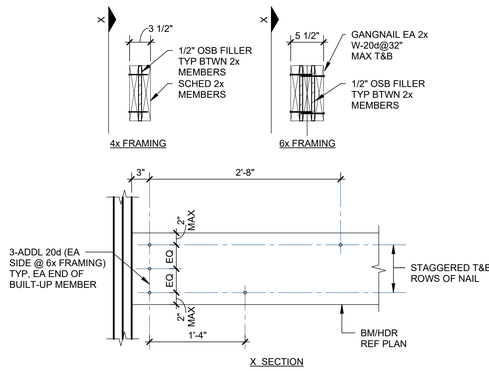



## 4 TYPICAL STUD NOTCHING/BORING
NO SCALE

WOOD CONNECTION NAILING (TO BE USED AS NEEDED)

| CONNECTION | TYPE | NAILING |
|---|---|---|
| JOIST TO SILL OR GIRDER | TOENAIL | (3) - 8d |
| ROOF TRUSS TO PLATE | BY TRUSS MFR | BY TRUSS MFR |
| BRIDGING TO JOIST | TOENAIL EA END | (3) - 8d |
| SOLE PLATE TO JOIST OR BLOCKING | FACE NAIL | 16d @ 16" O.C. |
| TOP PLATE TO STUD | FACE NAIL | (2) - 16d |
| STUD TO SOLE PLATE | TOENAIL OR END NAIL | (4)-8d or (2)-16d |
| DOUBLE STUDS | FACE NAIL | 10d @ 16" O.C. |
| DOUBLE TOP PLATE | FACE NAIL | 16d @ 16" O.C. |
| TOP PLATES, LAPS, AND INTERSECTIONS | FACE NAIL | (2) - 16d |
| CONTINUOUS HEADER, TWO PIECES | ALONG EA EDGE | 16d @ 16" O.C. |
| CEILING JOIST TO PLATE | TOENAIL | (3) - 8d |
| CONTINUOUS HEADER TO STUD | TOENAIL | (4) - 16d |
| CEILING JOISTS, LAPS OVER PARTITIONS | FACE NAIL | (3) - 16d |
| FLOOR TRUSS TO PLATE | BY TRUSS MFR | BY TRUSS MFR |
| BUILT-UP CORNER STUDS | ALONG FACE | 16d @ 24" O.C. |
| BUILT-UP GIRDER AND BEAMS | T & B STAGGER | 16d @ 16" O.C. |
| | ENDS AND SPLICES | (4) - 16d |
| SHEAR PANELS TO BEARING PLATES | FACE NAIL | (12) - 10d T & B |

## 3 FRAMING NAILING SCHEDULE
NO SCALE

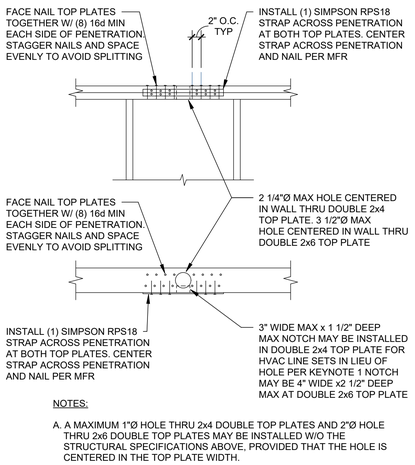



## 2 TYPICAL BUILT UP MEMBER NAILING
NO SCALE

# FASTENER SCHEDULE FOR STRUCTURAL MEMBERS

| DESCRIPTION OF BUILDING ELEMENTS | NUMBER AND TYPE OF FASTENER [a, b, c, d] | SPACING OF FASTENERS |
|---|---|---|
| 1. Joist to sill or girder, toe nail | 3 - 8d | ---- |
| 2. Sole plate to joist or blocking, face nail | 16 d | 16 " o.c. |
| 3. Top or sole plate to stud, end wall | 2 - 16d | ---- |
| 4. Stud to sole plate, toe nail | 4 - 8d or 2 - 16d | ---- |
| 5. Double studs, face nail | 10d | 16" o.c. |
| 6. Double top plates, face nail | 16d | 16" o.c. |
| 7. Sole plate to joist or blocking at braced wall panels | 3 - 16d | 16" o.c. |
| 8. Double top plates, minimum 48-inch offset of end joints, face nail in lapped area | 8 - 16d | ---- |
| 9. Blocking between joists or rafters to top plate, toe nail | 3 - 8d | ---- |
| 10. Rim joist to top plate, toe nail | 8d | 6" o.c. |
| 11. Top plates, laps at corners and intersections, toe nail | 2 - 16d | ---- |
| 12. Built-up header, two pieces with 1/2" spacer | 16d | 16" o.c. along each edge |
| 13. Continuous header, two pieces | 16d | 16" o.c. along each edge |
| 14. Ceiling joists to plate, toe nail | 3 - 8d | ---- |
| 15. Continuous header to stud, toe nail | 4 - 16d | ---- |
| 16. Ceiling joist, laps over partitions, face nail | 3 - 16d | ---- |
| 17 Ceiling joist to parallel rafters, face nail | 3 - 10d | ---- |
| 18. Rafter to plate, toe nail | 2 - 16d | ---- |
| 19 Built-up corner studs | 16d | 24" o.c. |
| 20 Built-up girders and beams, 2-inch lumber layers | 16d | Nail each layer as follows: 16" o.c. at top and bottom and staggered. (4) 16d nails at ends and at each splice. |
| 21. 2" planks | 2 - 16d | At each bearing |
| 22. Roof rafters to ridge, valley or hip rafters: toe nail / face nail | 4 - 16d / 3 - 16d | ---- / ---- |
| 23. Rafter ties to rafters, face | 3 - 8d | ---- |

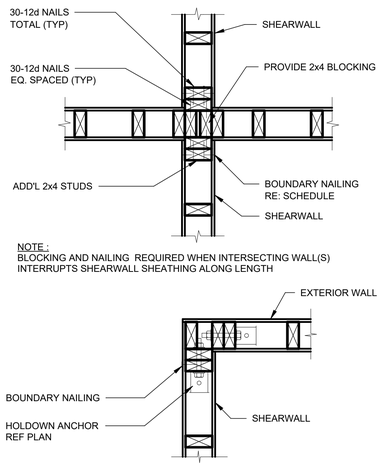
| DESCRIPTION OF BUILDING MATERIALS | DESCRIPTION OF FASTENER [b, c, d] | SPACING OF FASTENERS | |
|---|---|---|---|
| | | EDGE (INCHES) [j] | INTERMEDIATE SUPPORTS[e, e] (INCHES) |
| 1/2 gypsum sheathing | 1 1/2 galvanized roofing nail; 6d common nail; staple galvanized 1 1/2 long; 1 1/4 screws, Type W or S | 4 | 8 |
| 5/8 gypsum sheathing | 1 3/4 galvanized roofing nail; 8d common nail; staple galvanized 1 5/8 long; 1 5/8 screws, Type W or S | 4 | 8 |
| WOOD STRUCTURAL PANELS, COMBINATION SUB FLOOR UNDERLAYMENT TO FRAMING, AND PARTICLEBOARD WALL SHEATHING TO FRAMING | | | |
| 5/16 - 1/2 | 6d common nail (sub floor, wall) 8d common nail (roof) | 6 | 12 |
| 19/32 - 1 | 8d common nail | 6 | 12 |
| 3/4 and less | 6d deformed nail or 8d common nail | 6 | 12 |
| 7/8 - 1 | 8d deformed nail or 8d common nail | 6 | 12 |
| 1 1/8 - 1 1/4 | 8d deformed nail or 10d common nail | 6 | 12 |




NOTES:

A. A MAXIMUM 1"Ø HOLE THRU 2x4 DOUBLE TOP PLATES AND 2"Ø HOLE THRU 2x6 DOUBLE TOP PLATES MAY BE INSTALLED W/O THE STRUCTURAL SPECIFICATIONS ABOVE, PROVIDED THAT THE HOLE IS CENTERED IN THE TOP PLATE WIDTH.

## 8 TYPICAL HOLE IN DBL TOP PLATE
NO SCALE




NOTE :
BLOCKING AND NAILING REQUIRED WHEN INTERSECTING WALL(S) INTERRUPTS SHEARWALL SHEATHING ALONG LENGTH

## 7 WALL FRAMING DETAIL
NO SCALE

| HEADER SCHEDULE | |
|---|---|
| OPENING WIDTH | HEADER (2x6 FRAMING) |
| UP TO 4'-0" | 2-2x6 (MIN) |
| 4'-0" TO 6'-0" | 3-2x8 |
| 6'-0" TO 8'-0" | 3-2x10 |
| | |
| | |
| | |

NOTES:

1. HEADERS, KINGSTUDS AND OTHER REFERENCES NOTED ON P LAN GOVERN OVER TYPICAL DETAILS.
2. INSTALL 1x6 DIAGONAL LET-IN BRACE AT 25'-0" AND AT EACH END IN ALL WALLS NOT SHEATHED, MAXIMUM SLOPE OF DIAGONAL SHALL BE 2 VERTICAL TO 1 HORIZONTAL.
3. NAIL SILL PLATE TO WOOD FRAMED FLOORS WITH 16d @ 12" TO BLOCKING BELOW SHEATHING.
4. REFERENCE11/S4.00 FOR TYPICAL BUILT-UP MEMBER NAILING. AT CONTRACTOR OPTIONS, SOLID SAWN TIMBER INDICATED IN (BRACKETS) MAY BE USED IN LIEU OF BUILT-UP MEMBERS.
5. WHERE HEADER INTERRUPTS WAL DBL 2x TOP PLATE, PROVIDE ADDL STRAPPING.
6. TABLE SIZES APPLY U.N.O.

## 6 TYPICAL INTERIOR NON-BEARING STUD WALL FRAMING
NO SCALE

## 5 FRAMING DETAIL
NO SCALE

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Bryan, TX 77803
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ISSUANCE:

**CONSTRUCTION DOCUMENTS 100%**

**12/10/2025**

SEAL: TBPE Firm Registration No. F-18127

STATE OF TEXAS
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PROFESSIONAL ENGINEER
12/10/2025

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CITY OF ANGLETON

**ABIGAIL ARIAS PARK**

PROJECT NO. | 1514.003

301 CEMETERY ROAD, TEXAS 77515

DESIGNER | BF
DRAWER | HG
CHECKER | BF

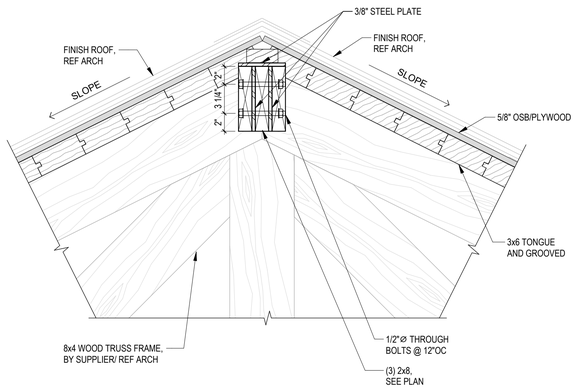
**ISSUANCES & REVISIONS**

| NO. | DESCRIPTION | DATE |
|---|---|---|
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| | Bid & Permit Set | 12/10/2025 |

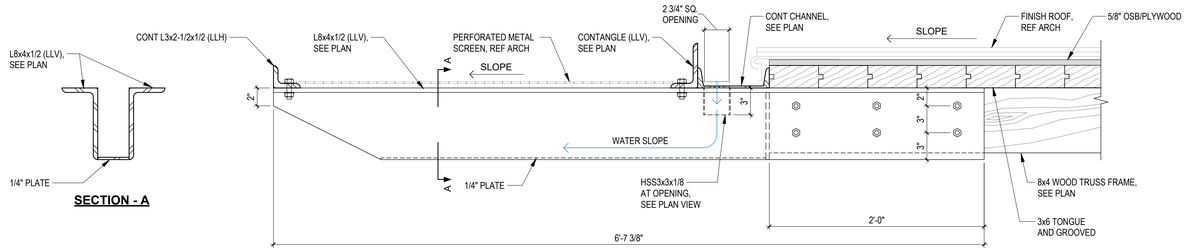
**TYPICAL WOOD FRAMING DETAILS**

**S4.00**

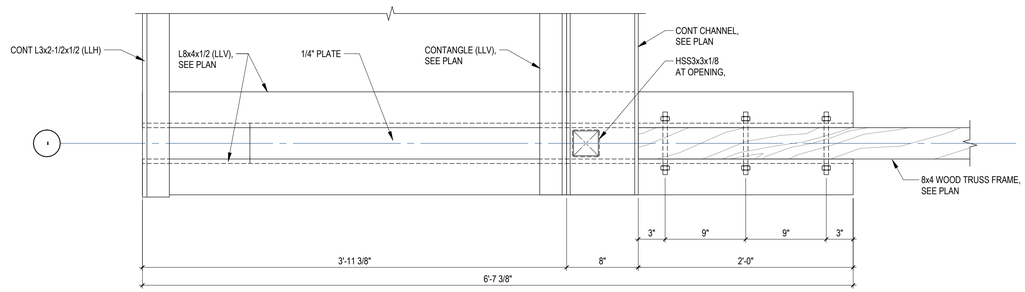
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## 5 SECTION DETAIL
1 1/2" = 1'-0"

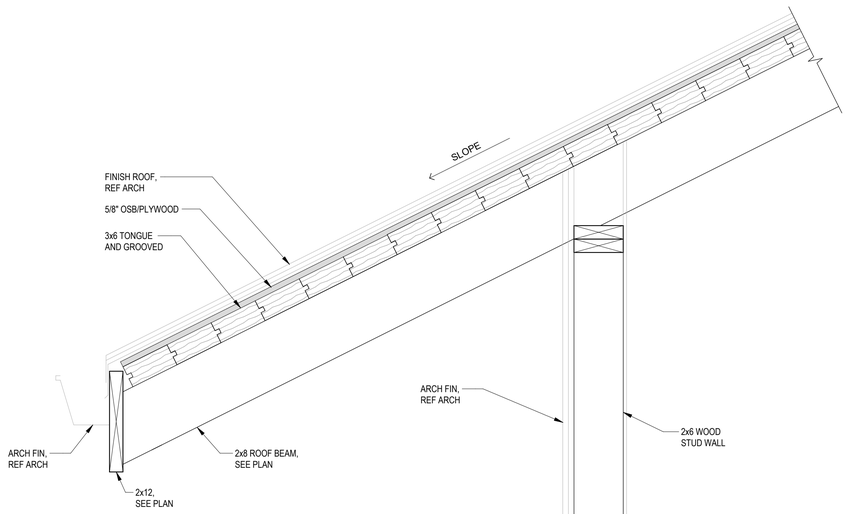



SECTION VIEW

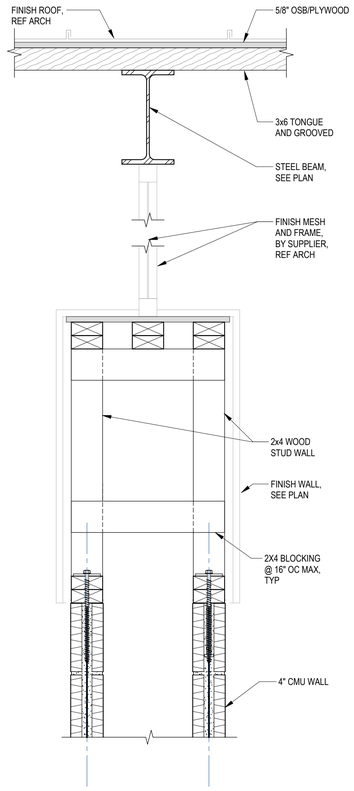



PLAN VIEW

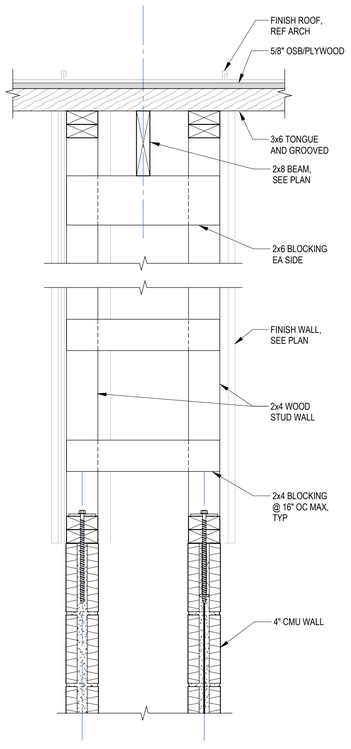
## 2 SECTION DETAIL
1 1/2" = 1'-0"



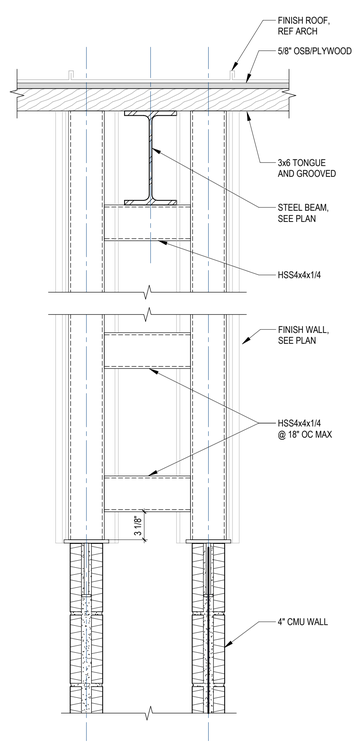

## 15 SECTION DETAIL
1 1/2" = 1'-0"




## 13 SECTION DETAIL
1 1/2" = 1'-0"




## 12 SECTION DETAIL
1 1/2" = 1'-0"




## 11 SECTION DETAIL
1 1/2" = 1'-0"

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CITY OF ANGLETON

**ABIGAIL ARIAS PARK**

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301 CEMETERY ROAD, TEXAS 77515

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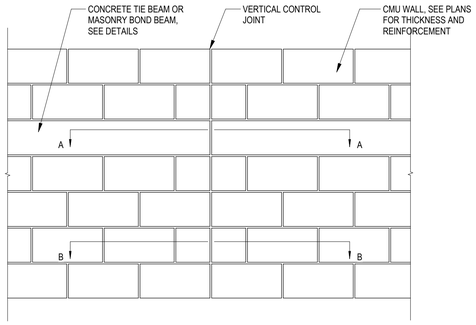
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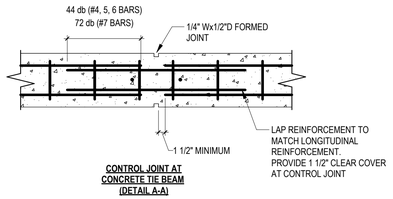
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|---|---|---|
| | 60% CD | 10/14/2025 |
| | 90% CD | 11/11/2025 |
| | Bid & Permit Set | 12/10/2025 |

**ROOF FRAMING DETAIL**

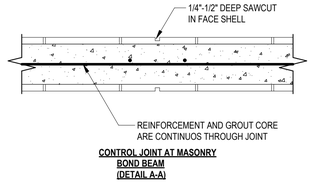
**S4.10**

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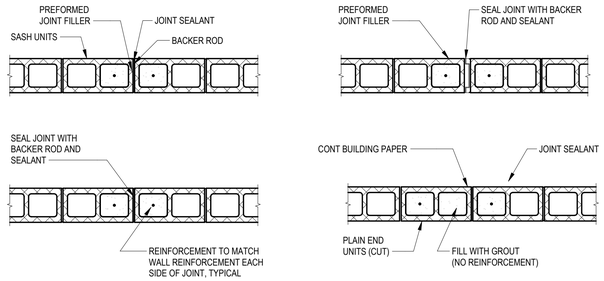



**CONTROL JOINT AT CONCRETE TIE BEAM (DETAIL A-A)**



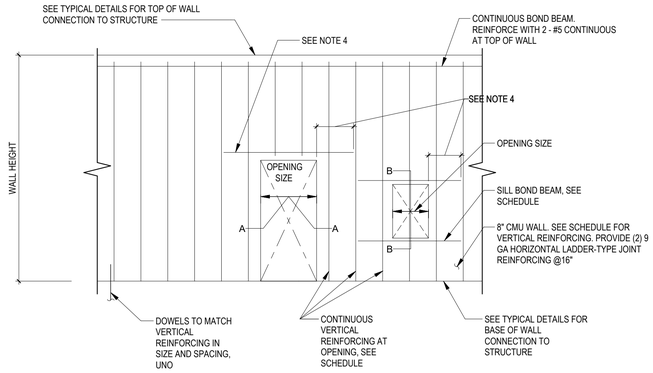

**CONTROL JOINT AT MASONRY BOND BEAM (DETAIL A-A)**




**CONTROL JOINTS IN MASONRY WALLS (DETAIL B-B)**

## 10 TYPICAL VERTICAL CONTROL JOINTS IN MASONRY WALLS

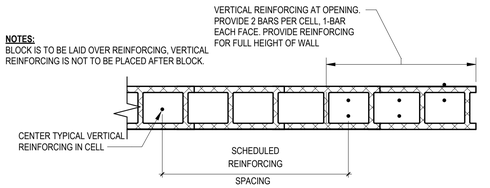
3/4" = 1'-0"



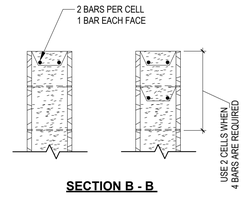

| TYPICAL WALL REINFORCING | | JAMB REINFORCING AT OPENING (EACH SIDE) | | | |
|---|---|---|---|---|---|
| WALL HEIGHT | VERT REINFORCING | OPENING SIZE | | | |
| | | <= 8'-0" | 10'-0" | 12'-0" | 14'-0" |
| <= 10'-0" | #4 @48" | 2 - #4 | 2 - #4 | 2 - #4 | 2 - #5 |
| 12' | #4 @40" | 2 - #5 | 2 - #5 | 2 - #6 | 2 - #6 |
| 15' | #5 @40" | 2 - #6 | 2 - #7 | 2 - #7 | 4 - #5 |
| 18' | #5 @32" | 2 - #7 | 2 - #8 | 4 - #5 | 4 - #7 |
| 20' | #5 @16" | NA | NA | NA | NA |
| 24' | #5 @8" | NA | NA | NA | NA |

| SILL REINFORCING | | | | |
|---|---|---|---|---|
| SILL OPENING | <= 8'-0" | 10'-0" | 12'-0" | 14'-0" |
| REINFORCING | 2 - #4 | 2 - #5 | 2 - #5 | 4 - #5 |

**NOTES:**
BLOCK IS TO BE LAID OVER REINFORCING, VERTICAL REINFORCING IS NOT TO BE PLACED AFTER BLOCK.




**SECTION A - A**




**SECTION B - B**

## 8 TYPICAL OPENINGS AT MASONRY WALLS

3/4" = 1'-0"

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DRAWER | HG
CHECKER | BF

**ISSUANCES & REVISIONS**

| NO. | DESCRIPTION | DATE |
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| | 60% CD | 10/14/2025 |
| | 90% CD | 11/11/2025 |
| | Bid & Permit Set | 12/10/2025 |

**TYPICAL MASONRY DETAILS**

**S5.01**

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# ABBREVIATIONS

## A

| | |
|---|---|
| A | AIR (COMPRESSED) |
| ABV | ABOVE |
| A/C | AIR CONDITIONING |
| AC | ALTERNATING CURRENT, AIR COMPRESSOR |
| ACCH | AIR COOLED CHILLER |
| ACCU | AIR COOLED CONDENSING UNIT |
| AD | ACCESS DOOR, AREA DRAIN |
| ADJ | ADJUSTABLE |
| AF | AIR FILTER |
| AFC | ABOVE FINISHED CEILING |
| AFF | ABOVE FINISHED FLOOR |
| AFG | ABOVE FINISHED GRADE |
| AHRI | AIR-CONDITIONING, HEATING, AND REFRIGERATION INSTITUTE |
| AHU | AIR HANDLING UNIT |
| AL | ALUMINUM |
| AMB | AMBIENT |
| AP | ACCESS PANEL |
| APD | AIR PRESSURE DROP |
| ARCH | ARCHITECT, ARCHITECTURAL |
| AS | AIR SEPARATOR |
| ASHP | AIR SOURCE HEAT PUMP |
| ASHRAE | AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS |
| ASME | AMERICAN SOCIETY OF MECHANICAL ENGINEERS |
| ASTM | AMERICAN SOCIETY OF TESTING AND MATERIALS |
| AVG | AVERAGE |
| AWS | AMERICAN WELDING SOCIETY |
| AUX | AUXILIARY |

## B

| | |
|---|---|
| B | BOILER |
| BC | BELOW COUNTER |
| B/C | BACK OF CURB |
| BFF | BELOW FINISHED FLOOR |
| BFV | BUTTERFLY VALVE |
| BLDG | BUILDING |
| BM | BENCHMARK |
| BOF | BOTTOM OF FOOTING |
| BOS | BOTTOM OF STRUCTURE |
| BP | BACKFLOW PREVENTER |
| BTU | BRITISH THERMAL UNIT |
| BV | BALL VALVE |

## C

| | |
|---|---|
| C | CELSIUS |
| CAB | CABINET |
| CD | CONDENSATE DRAIN LINE |
| CFM | CUBIC FEET PER MINUTE |
| CFS | CUBIC FEET PER SECOND |
| CH | CHILLER |
| CHR | CHILLED WATER RETURN |
| CHS | CHILLED WATER SUPPLY |
| CHW | CHILLED WATER |
| CHWP | CHILLED WATER PUMP |
| CI | CAST IRON |
| CIRC | CIRCULATING |
| CL | CENTERLINE |
| CLG | CEILING |
| CLR | CLEAR |
| CMU | CONCRETE MASONRY UNIT |
| COL | COLUMN |
| COMB | COMBINATION |
| COMP | COMPRESSOR |
| CONC | CONCRETE, CONCENTRIC |
| COND | CONDENSER, CONDENSATE |
| CONN | CONNECTION |
| CONT | CONTINUOUS,CONTINUATION |
| CTR | CENTER |
| CU | COPPER |
| CV | CONSTANT VOLUME |

## D

| | |
|---|---|
| D | DEPTH, DRAIN, DRYER |
| DB | DRY BULB |
| DC | DIRECT CURRENT |
| DDC | DIRECT DIGITAL CONTROL |
| DDMB | DUAL DUCT MIXING BOX |
| DESIG | DESIGNATION |
| DTL | DETAIL |
| DIA | DIAMETER |
| DIFF | DIFFUSER |
| DIM | DIMENSION |
| DISC | DISCONNECT |
| DN | DOWN |
| DPR | DAMPER |
| DW | DISHWASHER |
| DWG | DRAWING |
| DX | DIRECT EXPANSION |

## E

| | |
|---|---|
| EA | EACH |
| EAT | ENTERING AIR TEMPERATURE |
| EC | ELECTRICAL CONTRACTOR |
| ECC | ECCENTRIC |
| EDB | ENTERING DRY BULB |
| EDH | ELECTRIC DUCT HEATER |
| EF | EXHAUST FAN |
| EFF | EFFICIENCY |
| EJ | EXPANSION JOINT |
| EL | ELEVATION |
| ELEC | ELECTRICAL |
| EMERG | EMERGENCY |
| ENCL | ENCLOSURE |
| ENGR | ENGINEER |
| EQ | EQUAL |
| EQUIP | EQUIPMENT |
| ESP | EXTERNAL STATIC PRESSURE |
| ET | EXPANSION TANK |
| ETD | EXISTING TO BE DEMOLISHED |
| ETR | EXISTING TO REMAIN |
| EUH | ELECTRIC UNIT HEATER |
| EVAP | EVAPORATOR |
| EWB | ENTERING WET BULB |
| EWT | ENTERING WATER TEMPERATURE |
| EX | EXPLOSION PROOF |
| EXT | EXTERNAL |
| EXTG | EXISTING |

## F

| | |
|---|---|
| F | FAHRENHEIT, FIRE |
| FBO | FURNISHED BY OTHERS |
| FCU | FAN COIL UNIT |
| FD | FLOOR DRAIN, FIRE DAMPER |
| FLA | FULL LOAD AMPS |
| FLEX | FLEXIBLE |
| FLR | FLOOR |
| FPTU | FAN POWERED TERMINAL UNIT |
| FT | FOOT, FEET |
| FUT | FUTURE |

## G

| | |
|---|---|
| G | GAS |
| GA | GAUGE |
| GAL | GALLON |
| GALV | GALVANIZED |
| GC | GENERAL CONTRACTOR |
| GLV | GLOBE VALVE |
| GND | GROUND |
| GPM | GALLONS PER MINUTE |
| GUH | GAS UNIT HEATER |
| GV | GATE VALVE |

## H

| | |
|---|---|
| HDT | HORIZONTAL DRAW THROUGH |
| HORIZ | HORIZONTAL |
| HP | HORSEPOWER, HEAT PUMP |
| HSTAT | HUMIDISTAT |
| HT | HEIGHT |
| HTG | HEATING |
| HTR | HEATER |
| HW | HOT WATER |
| HWP | HEATING WATER PUMP |
| HWR | HOT WATER RETURN |
| HWS | HOT WATER SUPPLY |
| HX | HEAT EXCHANGER |
| HZ | HERTZ |

## I

| | |
|---|---|
| ID | INSIDE DIAMETER |
| IE | INVERT ELEVATION |
| IH | INFRARED HEATER |
| IN | INCH |
| INSUL | INSULATION |
| INT | INTERNAL, INTERIOR |

## K

| | |
|---|---|
| KEC | KITCHEN EQUIPMENT CONTRACTOR |
| KO | KNOCKOUT |
| KVA | KILOVOLT- AMPS |
| KW | KILOWATT |

## L

| | |
|---|---|
| L | LENGTH |
| LAT | LEAVING AIR TEMPERATURE |
| LF | LINEAR FEET |
| LP | LOW PRESSURE |
| LRA | LOCKED ROTOR AMPS |
| LVL | LEVEL |
| LWB | LEAVING WET BULB |
| LWCO | LOW WATER CUT OFF |
| LWT | LEAVING WATER TEMPERATURE |

## M

| | |
|---|---|
| MAT | MIXED AIR TEMPERATURE |
| MAX | MAXIMUM |
| MBTUH | THOUSAND OF BTU'S |
| MC | MECHANICAL CONTRACTOR |
| MECH | MECHANICAL |
| MFR | MANUFACTURER |
| MH | MANHOLE |
| MI | MALLEABLE IRON |
| MIN | MINIMUM |
| MP | MEDIUM PRESSURE |
| MTD | MOUNTED |
| MU | MAKE-UP |
| MVD | MANUAL VOLUME DAMPER |
| MSAH | MINI-SPLIT AIR HANDLER |
| MSCU | MINI-SPLIT CONDENSING UNIT |
| MZ | MULTI-ZONE |

## N

| | |
|---|---|
| N.C. | NORMALLY CLOSED |
| NFPA | NATIONAL FIRE PROTECTION ASSOCIATION |
| NIC | NOT IN CONTRACT |
| N.O. | NORMALLY OPEN |
| NO. | NUMBER |
| NTS | NOT TO SCALE |

## O

| | |
|---|---|
| OA | OUTSIDE AIR |
| OAF | OUTSIDE AIR FAN |
| OAHU | OUTSIDE AIR HANDLING UNIT |
| OBD | OPPOSED BLADE DAMPER |
| OC | ON CENTER |
| OD | OUTSIDE DIAMETER, OVERFLOW DRAIN |
| OFCU | OUTSIDE AIR FAN COIL UNIT |
| OPG | OPENING |
| OS&Y | OUTSIDE SCREW AND YOKE |

## P

| | |
|---|---|
| PG | PRESSURE GAUGE |
| PP | POLYPROPYLENE |
| PPM | PART PER MILLION |
| PRI | PRIMARY |
| PRS | PRESSURE REDUCING STATION |
| PRV | PRESSURE REDUCING VALVE |
| PSF | POUNDS PER SQUARE FOOT |
| PSI | POUNDS PER SQUARE INCH |
| PSIG | POUNDS PER SQUARE INCH GAUGE |
| PV | PLUG VALVE |
| PVC | POLYVINYL CHLORIDE |

## Q

| | |
|---|---|
| QTY | QUANTITY |

## R

| | |
|---|---|
| RA | RETURN AIR |
| RAD | REFRIGERATED AIR DRYER |
| RAF | RETURN AIR FAN |
| RAG | RETURN AIR GRILLE |
| RAT | RETURN AIR TEMPERATURE |
| RCP | REFLECTED CEILING PLAN |
| RD | ROOF DRAIN |
| RE | REFERENCE, REFER |
| RED | REDUCER |
| REFR | REFRIGERATOR |
| REG | REGISTER |
| REINF | REINFORCING |
| REQD | REQUIRED |
| REV | REVISION, REVISE |
| RH | RELATIVE HUMIDITY |
| RHG | REFRIGERANT HOT GAS |
| RL | REFRIGERANT LIQUID |
| RLA | RUNNING LOAD AMPS |
| RM | ROOM |
| RPM | REVOLUTIONS PER MINUTE |
| RS | REFRIGERANT SUCTION |
| RTU | ROOFTOP UNIT |
| RV | RELIEF VALVE |

## S

| | |
|---|---|
| SA | SUPPLY AIR |
| SAF | SUPPLY AIR FAN |
| SAG | SUPPLY AIR GRILLE |
| SAR | SUPPLY AIR REGISTER |
| SC | STEAM CONDENSATE |
| SCHED | SCHEDULED |
| SEC | SECONDARY |
| SECT | SECTION |
| SENS | SENSIBLE |
| SF | SQUARE FEET |
| SFCS | SPRINKLER FLOOR CONTROL STATION |
| SH | SHOWER |
| SHT | SHEET |
| SIM | SIMILAR |
| SM | SHEETMETAL |
| SP | STATIC PRESSURE, SUMP PUMP |
| SPEC | SPECIFICATION |
| SPR | SPRINKLER |
| SQ | SQUARE |
| SS | STAINLESS STEEL |
| SSSC | SOLID STATE SPEED CONTROL |
| STD | STANDARD |
| STL | STEEL |
| STM | STEAM |
| STR | STRAINER |
| SURF | SURFACE |
| SUSP | SUSPEND |
| SV | SANITARY VENT |
| SW | SOFT WATER |
| SZ | SINGLE ZONE |

## T

| | |
|---|---|
| TC | TEMPERATURE CONTROL |
| TDH | TOTAL DYNAMIC HEAD |
| TF | TRANSFER FAN |
| TH BLK | THRUST BLOCK |
| THERM | THERMOMETER |
| TMV | THERMOSTATIC MIXING VALVE |
| TSP | TOTAL STATIC PRESSURE |
| TSTAT | THERMOSTAT |
| TW | TEMPERED HOT WATER |
| TYP | TYPICAL |

## U

| | |
|---|---|
| UCD | UNDER CUT DOOR |
| UG | UNDERGROUND |
| UH | UNIT HEATER |
| UL | UNDERWRITERS LABORATORIES, INC |
| UNO | UNLESS NOTED OTHERWISE |
| U/F | UNDERFLOOR |
| U/S | UNDERSLAB |

## V

| | |
|---|---|
| V | VOLT |
| VA | VOLT- AMPERE |
| VAC | VACUUM |
| VAV | VARIABLE AIR VOLUME |
| VB | VALVE BOX, VACUUM BREAKER |
| VD | VOLUME DAMPER |
| VDT | VERTICAL DRAW THROUGH |
| VEL | VELOCITY |
| VERT | VERTICAL |
| VFD | VARIABLE FREQUENCY DRIVE |
| VIB | VALVE IN BOX |
| VOV | VALVE ON VERTICAL |
| VP | VACUUM PUMP |
| VRF | VARIABLE REFRIGERANT FLOW |
| VVR | VARIABLE AIR VOLUME REHEAT |

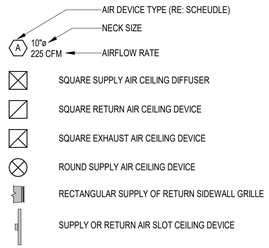
## W

| | |
|---|---|
| W | WATT, WIDTH |
| W/ | WITH |
| W/O | WITHOUT |
| WB | WET BULB |
| WM | WATER METER |
| WP | WEATHERPROOF |
| WPD | WATER PRESSURE DROP |
| WSHP | WATER SOURCE HEAT PUMP |
| WWF | WELDED WIRE FABRIC |

## Z

| | |
|---|---|
| Z | ZONE |

# AIR DEVICE TYPES




# WALL MOUNTED SENSOR AND DEVICE TYPES

| | |
|---|---|
| T | THERMOSTAT / TEMPERATURE SENSOR |
| H | HUMIDISTAT / HUMIDITY SENSOR |
| C | CARBON DIOXIDE SENSOR |
| CO | CARBON MONOXIDE SENSOR |
| N | NITROGEN DIOXIDE SENSOR |
| P | PRESSURE SENSOR |
| S | REFRIGERANT DETECTION SENSOR |
| $ | ON/OFF SWITCH |
| EPO | EMERGENCY POWER OFF BUTTON |
| AV | REFRIGERANT AUDIO/VISUAL DETECTION ALARM |

# CONTROLS SCHEMATIC SYMBOLS LEGEND

| | | | |
|---|---|---|---|
| AI | ANALOG INPUT | FS | FLOW SWITCH |
| AO | ANALOG OUTPUT | DAT | DISCHARGE AIR TEMPERATURE SENSOR |
| DI/BI | DIGITAL/BINARY INPUT | S | WALL SENSOR |
| DO/BO | DIGITAL/BINARY OUTPUT | T | THERMOSTAT |
| MD | ON-OFF MOTORIZED DAMPER | CO2 | CARBON DIOXIDE SENSOR |
| MMD | MODULATING TYPE MOTORIZED DAMPER | SP | SET POINT |
| AFMS | AIR FLOW MEASURING STATION | S/A | SUPPLY AIR |
| MCV | CONTROL VALVE MODULATING TYPE | R/A | RETURN AIR |
| VFD | VARIABLE FREQUENCY DRIVE | O/A | OUTSIDE AIR |
| CSR | CURRENT SENSING RELAY | HC | HEATING COIL |
| FRZ | FREEZESTAT | CC | COOLING COIL |
| HSL | HIGH STATIC LIMIT | DX | DIRECT EXPANSION COOLING COIL |
| SPT | STATIC PRESSURE TRANSMITTER | PICCV | PRESSURE INDEPENDENT CHARACTERIZED CONTROL VALVE |
| DPT | DIFFERENTIAL PRESSURE TRANSDUCER | AFC | AIRFLOW CROSS |
| FM | FLOW METER | DPS | DIFFERENTIAL PRESSURE SWITCH |

# PIPING TYPES

| | | | |
|---|---|---|---|
| CD | CONDENSATE DRAIN LINE | REF | REFRIGERANT PIPING SIZED BY MFR. |
| CHS | CHILLED WATER SUPPLY | HPS | HIGH PRESSURE STEAM SUPPLY |
| CHR | CHILLED WATER RETURN | HPR | HIGH PRESSURE CONDENSATE RETURN |
| HWS | HOT WATER SUPPLY | LPS | LOW PRESSURE STEAM SUPPLY |
| HWR | HOT WATER RETURN | LPR | LOW PRESSURE CONDENSATE RETURN |
| CWS | CONDENSER WATER SUPPLY | PCR | PUMPED CONDENSATE RETURN |
| CWR | CONDENSER WATER RETURN | | |

# DESIGN CRITERIA

LOCATION:
301 CEMETERY ROAD, ANGLETON, TEXAS 77515

| | |
|---|---|
| ELEVATION: | 25 FEET |

DESIGN CONDITIONS:

| | |
|---|---|
| HEATING DB: | 31.1 °F (ASHRAE 99.6%) |
| COOLING DB / WB: | 94.9 °F / 77.9 °F (ASHRAE 0.4%) |
| DEHUMIDIFICATION DP / DB: | 79.3 °F / 83.5 °F (ASHRAE 0.4%) |

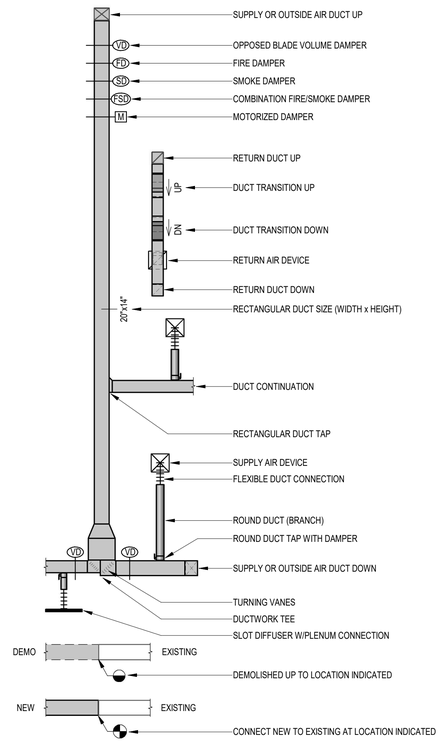
SPACE INDOOR DESIGN TEMPERATURE:

| | |
|---|---|
| HEATING DB: | 70 °F |
| COOLING DB: | 75 °F |
| RELATIVE HUMIDITY | 55% |

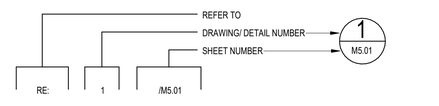
# BUILDING CODES & STANDARDS

APPLICABLE CODES:
2015 INTERNATIONAL BUILDING CODE
2015 INTERNATIONAL FIRE CODE
2015 INTERNATIONAL MECHANICAL CODE
2015 INTERNATIONAL PLUMBING CODE
2015 INTERNATIONAL ENERGY CONSERVATION CODE
2015 INTERNATIONAL FUEL GAS CODE
2014 NATIONAL ELECTRICAL CODE

# DUCTWORK




# DRAWING/DETAIL REFERENCE KEY




BURDITT
LandIPlace
310 Longmire Road
Conroe, TX 77304
105 N. Main Street, Suite 123
Bryan, TX

THIS PROJECT & THE IDEAS HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, IS THE PROPERTY OF THE ARCHITECT & IS NOT TO BE USED IN WHOLE OR IN PART, WHITHOUT THE AUTHORIZATION OF

ISSUANCE:

**BID & PERMIT SET**

**12/10/2025**

SEAL:




12/10/2025

DBR
713.914.0888 p
https://www.dbrinc.com
Firm Registration No. 2234
DBR Project # 250286.000

| RA | AR | IO | JL/TN | AC/LG |
|---|---|---|---|---|

CITY OF ANGLETON

**ABIGAIL ARIAS PARK**
PROJECT NO. | 1514.003
301 CEMETERY ROAD, ANGLETON, TEXAS 77515

DESIGN | DBR
DRAW | DBR
CHECK | DBR

**ISSUANCES & REVISIONS**

| NO. | DESCRIPTION | DATE |
|---|---|---|
| | | |

**MECHANICAL SYMBOL LEGEND**

**M0.01**

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# MECHANICAL GENERAL NOTES

A. MECHANICAL DRAWINGS AND SPECIFICATIONS ARE DIAGRAMMATIC IN NATURE AND INTENDED TO DESCRIBE AND ILLUSTRATE SYSTEMS THAT WILL NOT INTERFERE WITH THE ARCHITECTURAL / STRUCTURAL CONDITIONS OF THE BUILDING AND WILL FIT INTO AVAILABLE SPACES. CONTRACTOR SHALL COORDINATE ALL WORK TO CONFORM TO THE ARCHITECTURAL, STRUCTURAL, FINISH CONDITIONS, EQUIPMENT MANUFACTURER / FIXTURE CUTSHEETS AND WITH OTHER TRADES, TO AVOID OBSTRUCTIONS, AND TO ALLOW THE PROPER INSTALLATION OF EACH ITEM. EQUIPMENT SIZES, DIMENSIONS, AND REQUIRED CONNECTIONS SHALL BE VERIFIED WITH THE MANUFACTURER'S DRAWINGS AND CUTSHEETS PRIOR TO FABRICATING OF DUCTWORK, PIPING, OR POURING OF CONCRETE HOUSEKEEPING PADS. CONTRACTOR SHALL OBTAIN ALL ARCHITECTURAL DRAWINGS AND STRUCTURAL DATA, LOCATIONS OF PIERS, BEAMS, COLUMNS, JOISTS, ETC., FROM STRUCTURAL DRAWINGS AND PROVIDE OFFSETS, RELOCATIONS, ETC., AS REQUIRED TO MEET THIS INTENT AT NO ADDITIONAL COST. PROVIDE ALL NECESSARY PIPING, DUCTWORK, FITTING, INSULATION, AND OTHER ACCESSORIES IN ORDER TO COMPLETE THE INSTALLATION.

B. CONTRACTOR SHALL BE RESPONSIBLE TO EXAMINE ALL THE CONTRACT DOCUMENTS CAREFULLY BEFORE SUBMITTING THEIR BID, WITH PARTICULAR ATTENTION TO ERRORS, OMISSIONS, CONFLICTS WITH PROVISIONS OF LAWS AND CODES HAVING JURISDICTION, CONFLICTS BETWEEN DRAWINGS OR DRAWINGS AND SPECIFICATIONS, AND AMBIGUOUS DEFINITION OF THE EXTENT OF COVERAGE BETWEEN CONTRACTS. ANY SUCH DISCREPANCY SHALL BE BROUGHT IMMEDIATELY TO ATTENTION FOR CORRECTION. SHOULD ANY OF THESE ERRORS, OMISSIONS, CONFLICTS, OR AMBIGUITIES EXIST, THE CONTRACTOR SHALL HAVE THEM EXPLAINED AND AT THEIR EXPENSE, SUPPLY THE PROPER MATERIALS AND LABOR TO MAKE GOOD ANY DAMAGE OR DEFECTS IN THEIR WORK OR THE RESULTS OBTAINED THEREFORE, CAUSED BY SUCH DISCREPANCY. THE CONTRACTOR SHALL MAKE A CAREFUL EXAMINATION OF THE PREMISES AND THOROUGHLY FAMILIARIZE THEMSELF WITH THE REQUIREMENTS OF THE CONTRACT. UPON COMMENCEMENT OF THE CONSTRUCTION FOR THE WORK INCLUDED IN THIS CONTRACT, THE CONTRACTOR SHALL BE DEEMED TO HAVE MADE SUCH A STUDY OR EXAMINATION AND ACCEPTS ALL CONDITIONS.

C. WHEREVER CONFLICTS OCCUR BETWEEN DIFFERENT PARTS OF THE CONTRACT DOCUMENTS (SUCH AS DRAWINGS AND SPECIFICATIONS), THE GREATER QUANTITY, THE BETTER QUALITY, THE LARGER SIZE, OR THE VALUE WITH THE GREATEST COST IMPACT SHALL PREVAIL UNLESS THE ARCHITECT INFORMS THE CONTRACTOR OTHERWISE IN WRITING. THIS INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING DATA: DIMENSIONS, GAUGE THICKNESS, TEMPERATURES, PRESSURE, BTUH, SCHEDULE / TIME DURATION, ELECTRICAL RATING, MATERIAL, SAFETY RATING, ENERGY EFFICIENCY, ETC.

D. CONTRACTOR SHALL PROVIDE A MECHANICAL INSTALLATION THAT IS COMPLETE AND ALL ITEMS AND APPURTENANCES NECESSARY, REASONABLY INCIDENTAL, OR CUSTOMARILY INCLUDED, EVEN THOUGH EACH AND EVERY ITEM IS NOT SPECIFICALLY CALLED OUT OR SHOWN. THE CONTRACTOR SHALL PROVIDE ALL EQUIPMENT, MATERIALS, LABOR, SUPERVISION AND SERVICE NECESSARY SO AS TO PROVIDE A COMPLETE, FUNCTIONING MECHANICAL SYSTEM.

E. ALL EQUIPMENT, PIPING, DUCTWORK, ETC. SHALL BE LOCATED APPROXIMATELY IN GENERAL LOCATIONS SHOWN AND SHALL CONFORM TO ALL ARCHITECTURAL AND STRUCTURAL CONDITIONS. PROVIDE ANY ADDITIONAL SUPPORTS, HANGERS, OPENINGS, ETC. AS REQUIRED FOR A COMPLETE INSTALLATION. EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS ENSURING THAT ACCESS PANELS ARE NOT BLOCKED. EXPERIENCED CRAFTSMEN SHALL MAKE THE INSTALLATION OF ALL EQUIPMENT IN A NEAT WORKMANSHIP-LIKE MANNER. EQUIPMENT SHALL BE AS SCHEDULED OR APPROVED EQUAL. EQUIPMENT SHALL BE INSTALLED IN FULL ACCORDANCE WITH ALL APPLICABLE CODES HAVING JURISDICTION. COORDINATE BETWEEN ALL TRADES PRIOR TO STARTING ANY WORK. PROVIDE ADEQUATE CLEARANCE FOR PROPER OPERATION, SERVICE/ MAINTENANCE, AIR FLOW, ETC. PIPING AND DUCTWORK ARE NOT PERMITTED IN ELECTRICAL, ELEVATOR MACHINE, TELECOM, IT, AND COMMUNICATION ROOMS. ALL ELEVATIONS INDICATED IN THIS WAY ( 8' – 4" ) ARE THE ELEVATIONS FROM THE FINISHED FLOOR DIRECTLY BELOW TO THE BOTTOM OF THE BARE PIPE OR DUCT.

F. EXECUTE ALL WORK FOLLOWING LOCAL, STATE AND/OR NATIONAL CODES, ORDINANCES AND REGULATIONS GOVERNING THE PARTICULAR CLASS OF WORK INVOLVED. THE GOVERNING CODES ARE MINIMUM REQUIREMENTS. THE DRAWINGS AND/OR SPECIFICATIONS SHALL PREVAIL WHERE THE DRAWINGS ARE/OR ACCOMPANYING SPECIFICATIONS EXCEED THE CODE REQUIREMENTS.

G. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FILING AND PAYING ALL FEES AND OBTAINING NECESSARY PERMITS AND CERTIFICATES OF INSPECTION. THE CONTRACTOR SHALL DELIVER ALL CERTIFICATES OF INSPECTION TO OWNER/CONSTRUCTION MANAGER INCLUDING COPIES WITH MAINTENANCE MANUALS.

H. CONTRACTOR SHALL PROVIDE DETAILED AND DIMENSIONED HVAC DUCTWORK AND PIPING FABRICATION SHOP DRAWINGS FOR APPROVAL BY THE ARCHITECT / ENGINEER. DURING THE INSTALLATIONS OF THE WORK, THE CONTRACTOR SHALL KEEP DETAILED RECORDS OF ANY AND ALL CHANGES MADE FROM THE WORK AS ACTUALLY INSTALLED. THESE RECORD DRAWINGS SHALL BE NOTED "AS-BUILT", AND SUBMITTED TO THE ARCHITECT / ENGINEER FOR REVIEW WITH ALL O&M MANUALS.

I. PROPERLY SUPPORT ALL EQUIPMENT, DUCTWORK AND PIPING WITHIN THE BUILDING AND PROVIDE ADEQUATE PROVISIONS FOR SLOPE AND ANCHORAGE. CONTRACTOR SHALL USE HANGERS, RODS AND INSERTS LISTED BY UNDERWRITERS' LABORATORIES FOR THE SERVICE INTENDED, SECURELY SUPPORTED BY STRUCTURAL MEMBERS WHICH IN TURN ARE SUPPORTED DIRECTLY FROM THE BUILDING STRUCTURE.

J. CLEARANCE REQUIREMENTS BETWEEN MECHANICAL COMPONENTS AND SWITCHBOARDS, PANELBOARDS, POWER PANELS, MOTOR CONTROL CENTERS AND TRANSFORMERS SHALL CONFORM TO THE LATEST VERSION OF THE NATIONAL ELECTRICAL CODE.

K. DUCTWORK AND PIPING SHALL BE INSTALLED CONCEALED ABOVE CEILINGS, INSIDES CHASES / WALLS, ETC. IN GENERAL LOCATIONS SHOWN, UNLESS NOTED OTHERWISE. CONFORM TO ALL ARCHITECTURAL, STRUCTURAL, AND FINISH CONDITIONS OF THE BUILDING. WHEREVER CONDITIONS ARISE WHICH WILL CAUSE NORMALLY CONCEALED MATERIALS TO BE EXPOSED, IMMEDIATELY CALL THE SITUATION TO THE ATTENTION OF THE ARCHITECT AND STOP WORK IN THOSE AREAS UNTIL THE ARCHITECT DIRECTS THE RESUMPTION OF THE WORK AND THE PROCEDURES TO BE FOLLOWED. ALL DUCTWORK, PIPING AND ASSOCIATED ACCESSORIES IN OCCUPIED AREAS THAT ARE EXPOSED TO VIEW SHALL BE PAINTED. REFER TO ARCHITECT FOR COLOR. DUCT SIZES SHOWN ON PLANS ARE CLEAR INSIDE DIMENSIONS. IN ANY CASE WHERE A PIPE OR DUCT SHOWN ON THE PLAN SHEET DIFFERS FROM THAT SHOWN IN A SCHEMATIC OR DETAIL, PROVIDE THE LARGER OF THE TWO SIZES SHOWN.

L. SLOPE AND ARRANGE HVAC PIPING TO ESTABLISH HIGH POINTS FOR AIR ELIMINATION AND LOW POINTS TO PERMIT PROPER DRAINAGE. PROVIDE AIR VENTS AT HIGH POINTS AND DRAIN VALVES AT LOW POINTS. ALL PIPING SHOWN ON FLOOR PLANS SHALL BE ROUTED ABOVE THE CEILING ON THE FLOOR WHERE IT IS SHOWN, UNLESS OTHERWISE NOTED. ARRANGE PIPING CONNECTIONS TO ALL EQUIPMENT TO ALLOW EASY REMOVAL OF EQUIPMENT, COILS, FANS, MOTORS, FILTERS, ACCESS PANELS, ETC. PROVIDE UNIONS, FLANGES, AND VALVES AT CONNECTIONS. ALL EXTERIOR PIPING SHALL BE INSULATED AND JACKETED. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. PIPING RUN-OUTS TO TERMINAL UNITS SHALL BE 3/4" UNLESS OTHERWISE NOTED. MINIMUM PIPE SIZE FOR THE PROJECT SHALL BE 3/4".

M. WALL MOUNTED THERMOSTATS / HUMIDISTATS / SENSORS SHALL BE MOUNTED AT 42" A.F.F. APPROX. WHERE INDICATED ON PLANS, UNLESS OTHERWISE NOTED. SENSOR LOCATION SHALL BE MAX 12" FROM END OF WALL AND/OR DOOR JAMB. COORDINATE EXACT LOCATIONS WITH ARCHITECT, ELECTRICAL CONTRACTOR, AND BETWEEN OTHER TRADES PRIOR TO MOUNTING. DO NOT MOUNT ABOVE DIMMERS. THERMOSTATS ON EXTERIOR WALLS OR WALLS SEPARATING CONDITIONED SPACE FROM UNCONDITIONED SPACE SHALL BE INSULATED. THERMOSTATS / HUMIDISTATS / SENSORS SHALL NOT BE INSTALLED ON DECORATIVE WALLS.

R. HVAC SYSTEMS SHALL BE INSTALLED COMPLETE WITH ALL BALANCING AND REGULATING DEVICES NECESSARY FOR THE TAB CONTRACTOR TO PERFORM THEIR WORK. COORDINATE WITH THE TAB CONTRACTOR TO DETERMINE THEIR EXACT REQUIREMENTS. ALL HVAC SYSTEMS SHALL BE STARTED PER MANUFACTURER'S START-UP INSTRUCTIONS. REPLACE FILTERS, BELTS, SHEAVES, DAMPERS, VALVES, STARTERS AND HEATERS AS NECESSARY PRIOR TO TAB.

S. CONTRACTOR SHALL PROVIDE ALL TESTING, ADJUSTING, AND BALANCING WORK TO INCLUDE, BUT NOT LIMITED TO, ADJUSTMENT OF DAMPERS, BALANCE AIR DEVICES, VERIFY CORRECT SETPOINT AND CALIBRATION OF THERMOSTATS, VERIFY ALL SEQUENCE OF OPERATION, STAGING OF COOLING/ HEATING AS APPLICABLE, BALANCE OF CONDENSER AND HEATING WATER SYSTEMS, PUMPS, BOILERS, COOLING TOWERS, NOTE DEFICIENCIES IN MECHANICAL SYSTEM, ETC. FOR A CORRECTLY OPERATING MECHANICAL SYSTEM. CONTRACTOR SHALL REPLACE ALL FILTERS AND CLEAN ALL STRAINERS. TESTING AND BALANCING SUBCONTRACTOR MUST BE A MEMBER IN GOOD STANDING OF AABC AND SUBMIT REPORT ON AABC OR SMACNA FORMS FOR APPROVAL BY THE ENGINEER. PROVIDE A TEST AND BALANCE REPORT TO THE MECHANICAL INSPECTOR AT TIME OF HEATING FINAL INSPECTION. TAB CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR TO LOCATE DP SENSORS IN PIPING FOR PUMPING SYSTEMS AND STATIC PRESSURE SENSORS IN DUCTWORK FOR FAN SYSTEMS.

T. MECHANICAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR FOR ALL ELECTRICAL POWER REQUIREMENTS. CONTRACTOR SHALL ENSURE THE FURNISHING AND INSTALLATION OF ALL BRANCH ELECTRICAL CIRCUIT WIRING, CONDUITS, PROTECTIVE DEVICES, DISCONNECTS, AND ACCESSORIES FOR ALL ELECTRICAL CONTROL POWER WIRING TO INCLUDE, BUT NOT LIMITED TO, CONTROL PANELS, ACTUATORS, SMOKE DETECTORS, CONTROL / MOTORIZED DAMPER, PRESSURE MONITORS, FIRE/SMOKE DAMPERS, VARIABLE FREQUENCY DRIVES, VAV TERMINALS (24V TRANSFORMER) AND ALL OTHER 120V CONTROLS AS REQUIRED FOR A COMPLETE CONTROL SYSTEM WHETHER SHOWN TO BE PERFORMED BY OTHER OR NOT. ALL ELECTRICAL WORK SHALL BE INSTALLED IN FULL ACCORDANCE WITH REQUIREMENTS OF ELECTRICAL SPECIFICATIONS AND THE NATIONAL ELECTRICAL CODE.

U. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND SIZE OF LOUVERS. BLANK OFF AREA OF LOUVER NOT USED FOR INTAKE OR EXHAUST. LOUVERS SHALL BE DRAINABALE STATIONARY TYPE AND SHALL BE AMCA 500-L CERTIFIED. LOUVERS LOCATED IN HURRICANE-PRONE REGIONS SHALL BE AMCA 550 CERTIFIED. LOUVERS LOCATED IN WIND-BOURNE DEBRIS REGIONS WITHIN 30 FEET OF GRADE SHALL BE AMCA 540 CERTIFIED.

V. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING FINISHES AND FURNISHINGS FROM DAMAGE DURING WORK.

W. ALL PIPES AND OTHER EQUIPMENT SHALL BE PROPERLY SUPPORTED BY GALVANIZED OR CADMIUM PLATED ANCHOR BOLTS, ALL THREAD RODS AND WASHERS, LOCK WASHERS OR DOUBLE NUTS, AND BOLTS.

X. INSTALLING CONTRACTOR SHALL STRICTLY ADHERE TO ANCHOR BOLT MANUFACTURER'S INSTALLATION RECOMMENDATIONS REGARDING PULL-OUT LOADS, ANCHOR DIAMETER AND DEPTH OF ANCHOR INSERTION FOR DRILLING THE ANCHOR POINT IN CONCRETE.

Y. SUBMIT SUPPORT LOCATIONS AND LOADS OF PIPES GREATER THAN 6" DIAMETER TO STRUCTURAL ENGINEER FOR REVIEW.

Z. POST-INSTALLED ANCHOR BOLTS ARE NOT PERMITTED TO BE INSTALLED IN THE SOFFIT OF BEAMS OR JOISTS.

AA. POST-INSTALLED ANCHOR BOLTS INSTALLED ON THE SIDE OF BEAMS OR JOISTS SHALL BE LOCATED A MINIMUM OF 5" FROM BOTTOM OF THE BEAM OR JOIST.

BB. NO PIPE HANGERS SHALL BE SPACED MORE THAN 10'-0" O.C. COMPLY WITH PIPE SPACING AS SPECIFIED IN THE PIPING SUPPORT SPECIFICATIONS.

CC. ALL PIPING LOCATED INSIDE BUILDING SHALL BE SUPPORTED FROM THE STRUCTURE WITH SADDLE OR TRAPEZE HANGERS WITH ADJUSTABLE CLEVIS OR THREADED RODS.

DD. COORDINATE LOCATIONS OF FLOOR AND WALL OPENINGS WITH ARCHITECT AND STRUCTURAL ENGINEER.

EE. MECHANICAL CONTRACTOR SHALL COORDINATE WITH PLUMBING CONTRACTOR FOR ALL CONDENSATE DRAIN PIPES CONNECTING TO A LAVATORY / SINK DRAIN TAIL PIECE.

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CITY OF ANGLETON

**ABIGAIL ARIAS PARK**
PROJECT NO. | 1514.003

301 CEMETERY ROAD, ANGLETON, TEXAS 77515

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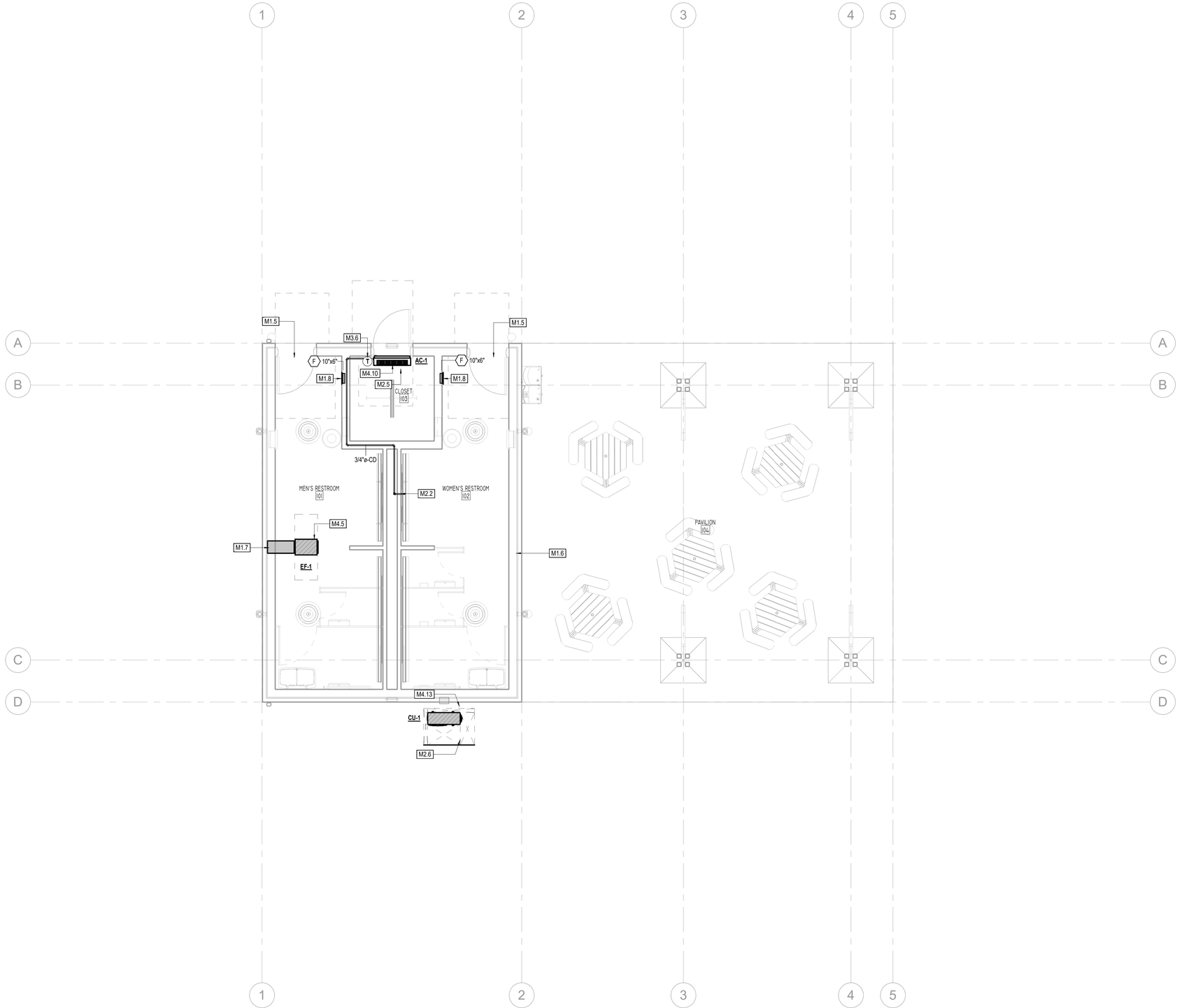
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**MECHANICAL GENERAL NOTES**

**M0.11**

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## 1 MECHANICAL PLAN LEVEL 1

1/4" = 1'-0"

## MECHANICAL KEYED NOTES

M1.5 PROVIDE DOOR LOUVER WITH MINIMUM FREE AREA OF 0.32 SQFT. RE: ARCH FOR DOOR LOUVER SIZE.

M1.6 BLANK OFF ARCHITECTURAL LOUVER. RE: ARCH FOR LOUVER SIZE.

M1.7 CONNECT EXHAUST DUCT TO ARCHITECTURAL LOUVER. BLANK OFF INACTIVE SECTIONS OF LOUVER. RE: ARCH. MOUNT FAN AT 13'-9" A.F.F.

M1.8 PROVIDE TRANSFER GRILLE OF SIZE AND TYPE SPECIFIED. MOUNT AT A MINIMUM OF 13'-9" A.F.F. RE: 08/M5.01.

M2.2 ROUTE 3/4" CONDENSATE DRAIN LINE FROM FAN COIL UNIT TO PLUMBING TAILPIECE LOCATED BELOW LAVATORY. COORDINATE EXACT CONNECTION LOCATION WITH PLUMBING.

M2.5 ROUTE REFRIGERANT PIPING FROM WALL MOUNTED DUCTLESS FAN COIL UNIT TO ASSOCIATED AIR COOLED CONDENSING UNIT. REFRIGERANT PIPING SHALL BE SIZED PER MANUFACTURER'S RECOMMENDATIONS. FIELD COORDINATE EXACT ROUTING. RE: DETAIL 03/M5.01.

M2.6 ROUTE REFRIGERANT PIPING FROM AIR COOLED CONDENSING UNIT DOWN THROUGH ROOF TO INDOOR FAN COIL UNIT. REFRIGERANT PIPING SHALL BE SIZED PER MANUFACTURER'S RECOMMENDATIONS. FIELD VERIFY EXACT PIPING ROUTING. RE: DETAIL 03/M5.01.

M3.6 PROVIDE WIRED WALL MOUNTED CONTROLLER FOR DUCTLESS AIR CONDITIONING UNIT. CONTROLLER SHALL BE PROVIDED BY DUCTLESS AIR CONDITIONING UNIT MANUFACTURER. INSTALL AT SAME ELEVATION AS LIGHT SWITCHES. COORDINATE FINAL LOCATION WITH ARCHITECT AND OTHER TRADES TO AVOID CONFLICTS.

M4.5 PROVIDE IN-LINE FAN AT APPROXIMATE LOCATION SHOWN. SUSPEND FAN FROM STRUCTURE. PROVIDE NECESSARY DUCT TRANSITIONS FROM FAN INLET AND DISCHARGE. RE: DETAIL 06/M5.01

M4.10 PROVIDE WALL MOUNTED DUCTLESS FAN COIL UNIT AT APPROXIMATE LOCATION SHOWN. INSTALL UNIT AS HIGH AS POSSIBLE ON WALL.

M4.13 PROVIDE GROUND MOUNTED AIR COOLED CONDENSING UNIT AT APPROXIMATE LOCATION SHOWN. PROVIDE 6" HOUSEKEEPING PAD. PROVIDE ALL CLEARANCES AROUND CONDENSER AS REQUIRED BY EQUIPMENT MANUFACTURER. RE: DETAIL 01/M5.01.

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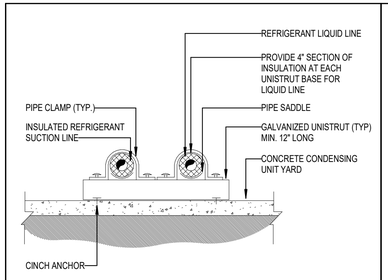
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**MECHANICAL ENLARGED PLAN**

**M3.01**

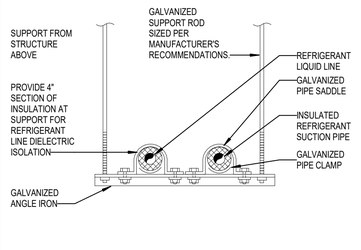
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NOTE: PROVIDE SUPPORTS AT 3'-0" ON CENTER AND WITHIN 1'-0" OF ALL CHANGES IN PIPE DIRECTION.

"NOT TO SCALE

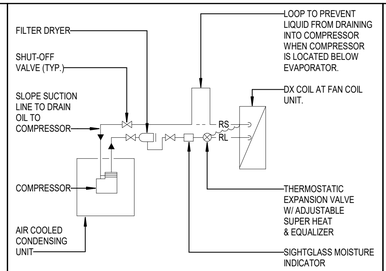
**5 FLOOR MOUNTED REFRIGERANT PIPE** M1502




NOTE: PROVIDE SUPPORTS AT 3'-0" ON CENTER MAX. AND WITHIN 1'-0" OF ALL CHANGES IN PIPE DIRECTION.

"NOT TO SCALE

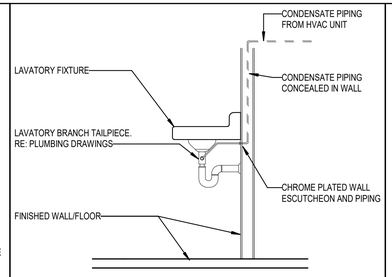
**4 REFRIGERANT PIPE HANGER** M1504




NOTE:
1. COMPLY WITH MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS.
2. TYPICAL FOR EACH SEPARATE REFRIGERANT CIRCUIT.
3. PROVIDE FILTER DRYER ON ALL SYSTEMS.
4. USE "ACR" HARD DRAWN COPPER REFRIGERANT PIPE.

"NOT TO SCALE

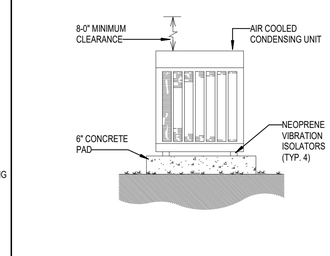
**3 REFRIGERANT PIPING SCHEMATIC** M1503




NOTE:
MECHANICAL CONTRACTOR SHALL COORDINATE WIITH GC AND PLUMBING CONTRACTOR FOR ACTUAL LOCATIONS AND QUANTITY OF SINKS OR LAVATORIES THAT WILL RECIEVE CONDENSATE.

"NOT TO SCALE

**2 CONDENSATION TERMINATION** P1705




NOTE:
PROVIDE CLEARANCE AROUND UNIT FOR AIR FLOW AND SERVICE PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.

"NOT TO SCALE

**1 CONDENSING UNIT MOUNTING ON GRADE** M1204

## DUCTLESS SPLIT SYSTEM SCHEDULE

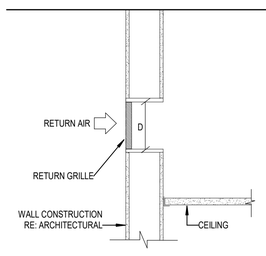
| **OUTDOOR UNIT MARK** | **CU-01** |
|---|---|
| SERVES | AC-01 |
| GRAND TOTAL COOLING (BTUH) | 12,000 |
| AMBIENT TEMP. (°F) | 105 |
| STEPS OF CAPACITY | 1 |
| VOLTS/PHASE/HERTZ | 208/1/60 |
| SEER2 | 23 |
| MCA | 13.9 |
| MOCP | 20 |
| REFRIGERANT TYPE | R32 |
| MODEL NUMBER | PAS-12BUFASDQ1 |
| UNIT WEIGHT (LBS) | 98.8 |
| **INDOOR UNIT MARK** | **AC-01** |
| SERVES | IT ROOM |
| UNIT TYPE | WALL MOUNTED |
| COOLING CAPACITY (BTUH) | 12,000 |
| VOLTS/PHASE/HERTZ | 208/1/60 |
| SUPPLY AIR CFM | 580 / 545 / 475 / 410 |
| MANUFACTURER | DAIKIN |
| MODEL NUMBER | PPK-B12UFA1DQ |
| UNIT WEIGHT (LBS) | 30.9 |
| NOTES | ALL |

NOTES:
1. INDOOR UNITS RECEIVE POWER FROM OUTDOOR UNITS THRU FIELD SUPPLIED INTERCONNECTED WIRING.
2. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
3. REFRIGERANT LINES TO BE SIZED BY MANUFACTURER.
4. PROVIDE UNIT WITH MANUFACTURER PROVIDED THERMOSTAT.

## EXHAUST FAN SCHEDULE

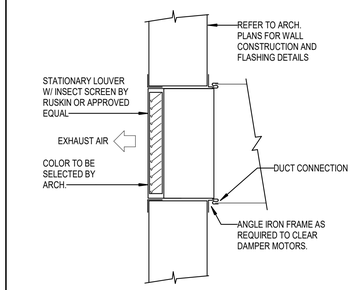
| MARK | EF-1 |
|---|---|
| SERVES | RESTROOMS |
| TYPE / DRIVE | DIRECT / INLINE |
| CFM | 450 |
| EXT. S.P. (IN. W.G.) | 0.65 |
| FAN RPM | 1,644 |
| SONES (MAX.) | 12.9 |
| VOLTS/PHASE/HERTZ | 115/1/60 |
| HORSEPOWER | 1/4 |
| MANUFACTURER | GREENHECK |
| MODEL NUMBER | SQ-98-VG |
| NOTES | 1, 2, 3, 4, 5, 6 |

NOTES:
1. PROVIDE FAN WITH MOTOR RATED TOGGLE SWITCH AND BACKDRAFT DAMPER.
2. INTERLOCK FAN OPERATION WITH ASTRONOMICAL TIMECLOCK PROVIDED BY DIVISION 26.
3. PROVIDE WITH DIRECT DRIVE, ELECTRONICALLY COMMUTATED FAN MOTOR (ECM).
4. EXTERNAL STATIC PRESSURE DOES NOT ACCOUNT FOR LOSSES DUE TO FILTERS, HOUSING, NOR ACCESSORIES.
5. INLINE FAN TO BE SUSPENDED FROM STRUCTURE.
6. PROVIDE WITH 1/4" HARDWARE CLOTH AT FAN INLET OPENING.



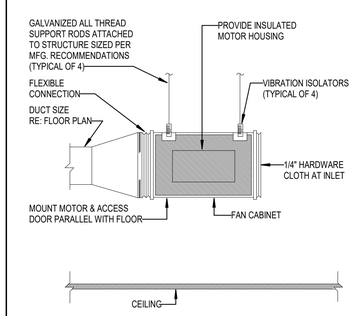

"NOT TO SCALE

**8 SIDEWALL REGISTER TRANSFER AIR** M1507




"NOT TO SCALE

**7 EXHAUST LOUVER MOUNTING** M1505




"NOT TO SCALE

**6 IN-LINE EXHAUST FAN** M1204

## AIR DEVICE SCHEDULE

| MARK | MFR. & MODEL | TYPE | REMARKS |
|---|---|---|---|
| F | TITUS 350FL | SIDEWALL RETURN AIR GRILLE | ALUMINUM CONSTRUCTION WITH FRAME FOR SURFACE MOUNT. 3/4" BLADE SPACING, 35° DEFLECTION WITH BLADES PARALLEL TO LONG DIMENSION. |

NOTES:
1. REFER TO ARCHITECTURAL DRAWINGS FOR FINISH.
2. REFER TO MECHANICAL FLOOR PLAN FOR NECK SIZES.
3. COORDINATE COLOR/FINISH WITH ARCHITECT PRIOR TO ORDERING.

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**MECHANICAL SCHEDULES & DETAILS**

**M5.01**

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# ABBREVIATIONS

| | |
|---|---|
| AC | ALTERNATING CURRENT |
| AF | AMPERE FUSE, AMPERE FRAME |
| AFC | ABOVE FINISHED CEILING |
| AFF | ABOVE FINISHED FLOOR |
| AFG | ABOVE FINISHED GRADE |
| AIC | AMPERE INTERRUPT CAPACITY |
| AL | ALUMINUM |
| AM | AMMETER |
| AMP | AMPLIFIER |
| ANN | ANNUNCIATOR |
| ASC | AMPERES SHORT CIRCUIT |
| AT | AMPERE TRIP RATING |
| ATS | AUTOMATIC TRANSFER SWITCH |
| AUX | AUXILIARY |
| BKR | BREAKER |
| BLDG. | BUILDING |
| C | CONDUIT, CELSIUS |
| CKT | CIRCUIT |
| CLG. | CEILING |
| CONT. | CONTINUOUS,CONTINUATION |
| CONTR | CONTROLLER, CONTRACTOR |
| CT | CURRENT TRANSFORMER/COOLING TOWER |
| CU | COPPER |
| DAS | DISTRIBUTED ANTENNA SYSTEM |
| DC | DIRECT CURRENT |
| DISC | DISCONNECT |
| DP | DISTRIBUTION PANEL |
| DPDT | DOUBLE-POLE, DOUBLE-THROW |
| DPST | DOUBLE-POLE, SINGLE-THROW |
| DWG | DRAWING |
| ELEV. | ELEVATOR |
| EPO | EMERGENCY POWER OFF |
| ERRC | EMERGENCY RESPONDER RADIO COVERAGE SYSTEM |
| FA | FIRE ALARM |
| FF | FURNITURE FEED |
| FLA | FULL LOAD AMPS |
| FTL | FEED-THRU LUGS |
| GA | GAUGE |
| GEN | GENERATOR |
| GND | GROUND |
| GTD | GENERATOR TRANSFER DEVICE |
| IG | ISOLATED GROUND |
| LF | LINEAR FEET |
| LTG | LIGHTING |
| LV | LOW VOLTAGE |
| LVL | LEVEL |
| MAX. | MAXIMUM |
| MC | METAL CLAD CABLE |
| MCA | MINIMUM CIRCUIT AMPS |
| MCB | MAIN CIRCUIT BREAKER |
| MCCB | MOLDED CASE CIRCUIT BREAKER |
| MD | MOTORIZED DAMPER |
| MDP | MAIN DISTRIBUTION PANEL |
| MFR | MANUFACTURER |
| MIC | MICROPHONE |
| MIN. | MINIMUM |
| MLO | MAIN LUGS ONLY |
| MOCP | MAXIMUM OVER-CURRENT PROTECTION |
| MSB | MAIN SWITCHBOARD |
| N3R | NEMA 3R |
| N4X | NEMA 4X |
| N.C. | NORMALLY CLOSED |
| NEC | NATIONAL ELECTRICAL CODE |
| NF | NON-FUSED |
| NFS | NON-FUSED SWITCH |
| NIC | NOT IN CONTRACT |
| NL | NIGHT LIGHT |
| N.O. | NORMALLY OPEN |
| NO. | NUMBER |
| NTS | NOT TO SCALE |
| PH | PHASE |
| POS | POINT OF SALE |
| QTY | QUANTITY |
| RCP | REFLECTED CEILING PLAN |
| RCPT | RECEPTACLE |
| RE | REFERENCE, REFER |
| SF | SQUARE FOOT |
| SIM | SIMILAR |
| SKVA | STARTING KILOVOLT-AMPS |
| SPD | SURGE PROTECTION DEVICE |
| SPDT | SINGLE-POLE, DOUBLE-THROW |
| SPST | SINGLE-POLE, SINGLE-THROW |
| SPEC | SPECIFICATION |
| SQFT | SQUARE FOOT |
| ST | SHUNT TRIP |
| SWB | SWITCHBOARD |
| TL | TWIST-LOCK |
| TOC | TOP OF CURB |
| TOS | TOP OF STEEL |
| TR | TAMPER RESISTANT RECEPTACLE |
| TV | TELEVISION |
| TYP | TYPICAL |
| UG | UNDERGROUND |
| UNO | UNLESS NOTED OTHERWISE |
| UPS | UNINTERRUPTIBLE POWER SYSTEM |
| VFD | VARIABLE FREQUENCY DRIVE |
| WP | WEATHERPROOF |
| WT | WATERTIGHT, WEIGHT |
| W/SF | WATTS PER SQUARE FOOT |
| XFMR | TRANSFORMER |

MANY ABBREVIATIONS NOT LISTED MAY BE FOUND IN THE NATIONAL ELECTRIC CODE, OR IN THE INTERNATIONAL AND UNIFORM CODES

# PHASING

| | |
|---|---|
| (E) | EXISTING (TO REMAIN) |
| (D) | SHALL BE DEMOLISHED |
| (N) | PROVIDE NEW |
| (R) | RELOCATED ELEMENT |

# ELECTRICAL SYMBOLS

## MOTORS AND CONTROLS

- MOTOR RATED SWITCH WITH THERMAL OVERLOADS
- SINGLE OR THREE PHASE MOTOR NUMBER INDICATES HORSE POWER
- ELECTRIC DUCT HEATER
- DISCONNECT (SAFETY) SWITCH "200/3/150" DENOTES AMPERES/POLE/FUSE, "NF" DENOTES NON-FUSED "NSR" DENOTES NEMA 3R
- ENCLOSED CIRCUIT BREAKER- "200/3/150" DENOTES AMPERES/POLE/TRIP.
- MOTOR STARTER FURNISHED BY DIVISION 23 AND INSTALLED BY DIVISION 26.
- COMBINATION DISCONNECT (SAFETY) SWITCH AND MOTOR STARTER. "30/3/15/#0" DENOTES AMPERES/POLES/FUSE/ STARTER SIZE, "NF" DENOTES NON-FUSED, FURNISHED BY DIVISION 23 AND INSTALLED BY DIVISION 26.
- VFD — VARIABLE FREQUENCY DRIVE PROVIDED BY DIVISION 23 AND INSTALLED BY DIVISION 26.
- EPO — EMERGENCY POWER OFF BUTTON.

## RECEPTACLES AND OUTLETS

ALL RECEPTACLES SHALL BE MOUNTED 18" ABOVE FINISHED FLOOR TO CENTER OF DEVICE UNLESS NOTED OTHERWISE. REFER TO SPECIFICATIONS AND DRAWINGS FOR ADDITIONAL REQUIREMENTS.

ABBREVIATIONS APPLICABLE TO RECEPTACLES:
"GFCI" GROUND FAULT INTERRUPTER
"WP" WEATHERPROOF
"IG" ISOLATED GROUND
"TR" TAMPER RESISTANT
"USB" RECEPTACLE WITH USB CHARGING PORTS
"AC" ABOVE COUNTER MOUNTING
"UC" UNDER COUNTER MOUNTING
"H" HORIZONTALLY ORIENTED RECEPTACLE

- SIMPLEX WALL RECEPTACLE, NEMA 5-20R, 20A, 125V.
- DUPLEX WALL RECEPTACLE, NEMA 5-20R, 20A, 125V. SHADED INDICATES SPLIT-WIRED
- FOURPLEX (QUADRUPLEX) RECEPTACLE
- DUPLEX RECEPTACLE (PEDESTAL MOUNTED)
- CONTROLLED WALL RECEPTACLE. DUPLEX: SPLIT-WIRED QUAD: SEPARATELY WIRED UNDER A COMMON COVERPLATE.
- POWER DEVICE RED IN COLOR, ON EMERGENCY POWER CIRCUIT
- CEILING RECEPTACLE/QUAD, EMERGENCY POWER SYMBOL MAY APPLY
- SPECIAL RECEPTACLE, NEMA CONFIGURATION PER PLAN OR EQUIPMENT
- TV — TV ROUGH-IN: 3-GANG RECESSED TV BOX, CONTAINING 1 DUPLEX RECEPTACLE, 1 GANG FOR AV, 1 GANG FOR DATA
- FLOOR BOX OR POKE THRU. POKE-THRU'S WHERE IN SUSPENDED SLABS, RECESSED IN FOUNDATION WHERE SLAB ON GRADE
- FLUSH ELECTRICAL FLOOR OUTLET. REFER TO FLOOR BOX SCHEDULE, FIRE RATED POKE-THROUGH SCHEDULE AND KEYED NOTES.
- DC — DROP CORD WITH SIMPLEX RECEPTACLE UNLESS OTHERWISE NOTED
- CR — CORD REEL WITH DUPLEX RECEPTACLE UNLESS OTHERWISE NOTED
- J — JUNCTION BOX "MD" INDICATES POWER CONNECTION TO SERVE MOTOR DAMPER "HD" INDICATES POWER CONNECTION TO SERVE HAND DRYER "FV" INDICATES POWER CONNECTION TO SERVE FLUSH VALVES
- P — PULL BOX (OVER 4" SQUARE)
- BELL/BUZZER/CHIME
- PUSH BUTTON/DOOR BELL/START-STOP
- PP — POWER POLE
- POINT OF DIRECT CONNECTION TO EQUIPMENT
- C (2) — CLOCK RECEPTACLE SHALL BE MOUNTED 12" BELOW FINISHED CEILING. (2) DENOTES DOUBLE SIDED CLOCK.

## LIGHTING

LETTER(S) DENOTE TYPE- SEE LIGHTING FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION.

2' X 4' 2' X 2' 1' X 4' 1' X 2' 1' X 1'

- STRIP LIGHTING FIXTURES.
- ROUND DOWNLIGHT FIXTURE.
- SQUARE DOWNLIGHT FIXTURE.
- WALL MOUNTED LIGHTING FIXTURE.
- TRACK LIGHTING FIXTURE. MOUNTED AS SHOWN ON LIGHTING FIXTURE SCHEDULE.
- CEILING MOUNTED EXIT SIGN; ARROWS AS INDICATED. SHADED AREA DENOTES FACE.
- WALL MOUNTED EXIT SIGN; ARROWS AS INDICATED. SHADED AREA DENOTES FACE.
- EMERGENCY WALL MOUNTED LIGHTING FIXTURE. BATTERY OPERATED UNLESS NOTED OTHERWISE.
- SITE LIGHTING FIXTURE.

HATCHING PATTERNS BELOW SHALL APPLY TO ALL LIGHTING FIXTURE SYMBOLS.

NL — EMERGENCY LIGHT FIXTURE WITH BATTERY PACK. PROVIDE WITH UNSWITCHED HOT FOR LOSS OF VOLTAGE AND CHARGING (SAME CIRCUIT AS NORMAL POWER LIGHTING). FIXTURES SHALL BE WIRED IN A MANNER AS TO ALLOW SWITCHING OF FIXTURES WITHOUT DISCHARGING THE EMERGENCY BATTERY. BATTERY PACK IS TO ONLY OPERATE IN THE EVENT OF A POWER OUTAGE.
"NL" NIGHT LIGHT ON UNSWITCHED 24HR OPERATION

EM CIRCUIT — LIGHT FIXTURE ON LIFE SAFETY BRANCH CIRCUIT, GENERATOR TRANSFER DEVICES REQUIRED (UL1008 OR UL924) PROVIDE UNSWITCHED HOT, NEUTRAL AND GROUND FOR ALL LIFE SAFETY LIGHTING ORIGINATING FROM THE LIFE SAFETY CIRCUIT SHOWN.

CRITICAL OPERATIONS LIGHTING ORIGINATING FROM THE CRITICAL CIRCUIT INDICATED, HATCHED AS INDICATED. HATCHING TYPICAL FOR ALL CRITICAL BRANCH LIGHT FIXTURES

## RACEWAYS AND WIRING

- CAP AND STAKE
- CONDUIT CONCEALED IN WALL OR CEILING
- UNDERGROUND, UNDERSLAB, CONCEALED ROUTING
- OHE — OVERHEAD ELECTRIC PRIMARY UTILITY POWER LINE
- CONDUIT UP/DOWN
- HASH MARKS INDICATE NUMBER OF CONDUCTORS. LEFT TO RIGHT: PHASE/NEUTRAL/GROUND/ISOLATED GROUND. NO HASH MARKS INDICATES EMPTY CONDUIT, 1" MINIMUM, UNLESS NOTED OTHERWISE.
- 1LA-2,4,6 — HOMERUN TO PANEL WITH CIRCUIT NUMBER(S) AS INDICATED.
- (ON)1LA-6 — PARTIAL/SHARED CIRCUIT HOMERUN TO PANEL.
- TELECOMMUNICATIONS CABLE TRAY SHALL BE CONCEALED ABOVE ACCESSIBLE CEILING UNLESS OTHERWISE NOTED.

## ELECTRICAL EQUIPMENT

- DISTRIBUTION PANEL
- MSB — SWITCHBOARD, MAIN DISTRIBUTION PANEL OR MOTOR CONTROL CENTER
- PANELBOARD (FLUSH/SURFACE MOUNT)
- FLOOR MOUNTED DRY-TYPE TRANSFORMER
- SUSPENDED OR WALL MOUNTED TRANSFORMER
- ATS — AUTOMATIC TRANSFER SWITCH
- FIRE RATED PLYWOOD TERMINAL BOARD, TYPE AS NOTED, 4' X 8' X 3/4" UNLESS NOTED OTHERWISE

## COMMUNICATIONS

DEFAULT ELEVATION (UNLESS INDICATED OTHERWISE) TO CENTER OF ROUGH-IN: 18" ABOVE FINISHED FLOOR (AFF)

- DATA/COMM/AV ROUGH-IN. CONDUIT TO PLENUM AND BOX ONLY
- HS DS — SCHOOL INTERCOMMUNICATION SYSTEM HANDSET.

DEFAULT ELEVATION (UNLESS INDICATED OTHERWISE) TO CENTER OF ROUGH-IN: 42" AFF

- VC — VOLUME CONTROL - WALL MOUNTED
- CB — INTERCOM/PA SYSTEM CALL-IN OR CALL-BACK DEVICE

DEFAULT ELEVATION (UNLESS INDICATED OTHERWISE) TO CENTER OF ROUGH-IN: 120" AFF OR 12" BELOW CEILING, WHICHEVER IS LOWER

- S L — INTERCOM/PA SPEAKER "L" LOCAL SOUND REINFORCEMENT

CEILING MOUNTED DEVICES:

- S VC — INTERCOM/PA SPEAKER "VC" INDICATES VOLUME CONTROL ON SPEAKER.

REFERENCE TECHNOLOGY/SECURITY SHEET FOR ADDITIONAL INFORMATION.

## ONE-LINE DIAGRAM

- TRANSFORMER, TYPE AND RATINGS AS NOTED
- 800A/3P — SWITCH, RATING AS SHOWN
- 400A — FUSE, RATING AS SHOWN
- ST — SHUNT TRIP
- GF — GROUND FAULT PROTECTION
- AF — ARCH FAULT PROTECTION
- K — KIRK-KEY INTERLOCK
- M — DIGITAL METER OR SUB-METER INTEGRATED INTO EQUIPMENT
- 1200/5 — CURRENT TRANSFORMER, RATED AS SHOWN
- GROUND CONNECTION
- AUTOMATIC TRANSFER SWITCH
- BUS DUCT PLUG
- M — ELECTRICAL UTILITY REVENUE METER
- SPD — SURGE PROTECTION DEVICE
- GANN — GENERATOR ANNUNCIATOR PANEL
- CIRCUIT BREAKER
- DRAW-OUT CIRCUIT BREAKER
- NEW EQUIPMENT/WIRING
- DEMOLITION EQUIPMENT/WIRING
- EXISTING EQUIPMENT/WIRING
- UNDERGROUND WIRING

## DAYLIGHT ZONES

DAYLIGHT ZONE/PRIMARY SECONDARY DAYLIGHT ZONE

DAYLIGHT ZONES SHALL BE INCLUSIVE OF THE FIXTURES WITHIN THE SHADED REGION, AND SHALL BE DIMMED USING ON-BOARD OR EXTERNAL CONTROL IN ACCORDANCE WITH IECC 2021. IECC 2018 OR 2015 MAY BE REFERENCED ONLY WHERE ADOPTED BY LOCAL AHJ.

## MISCELLANEOUS

- F — SHADED SYMBOLS INDICATE EXISTING DEVICES TO REMAIN, UNLESS OTHERWISE NOTED.
- INDICATES WALL-MOUNTED WHEN ATTACHED TO ANY SYMBOL
- 1 — DRAWING NOTE REFERENCE
- SOS — AREA OF RESCUE ASSISTANCE

## FIRE ALARM

- W — WATER FLOW SWITCH
- SP — SUPERVISORY SWITCH
- S — SMOKE DETECTOR - MULTI CRITERIA DETECTOR
- S # — SMOKE DETECTOR - "SB" INDICATES IN INTEGRAL SOUNDER BASE "D" INDICATES DUCT TYPE "R" INDICATES 120 VOLT RESIDENTIAL TYPE
- H — HEAT DETECTOR
- S BT — BEAM DETECTOR TRANSMITTER, HIGH IN CEILING WALL DIRECT LINE OF SIGHT.
- S BR — BEAM DETECTOR RECEIVER, HIGH IN CEILING WALL DIRECT LINE OF SIGHT.
- S — FIRE ALARM SPEAKER STROBE / CEILING MOUNTED
- S — FIRE ALARM SPEAKER / CEILING MOUNT.
- DH — MAGNETIC DOOR HOLDER
- R — AUXILIARY CONTROL RELAY
- FH — FIRE FIGHTER HANDSET
- F — FIRE ALARM PULL STATION +42" AFF
- F — FIREMAN'S TELEPHONE JACK +42" AFF
- AUDIO VISUAL FIRE ALARM HORN STROBE +80" AFF- 15/75cd U.N.O.
- VISUAL FIRE ALARM (STROBE) CEILING MOUNT - 15/75cd U.N.O.
- AUDIO FIRE ALARM HORN +80" AFF
- FACP — FIRE ALARM CONTROL PANEL
- ANN — REMOTE FIRE ALARM ANNUNCIATOR PANEL
- RPS — REMOTE POWER SUPPLY FOR AUDIO/VISUAL FIRE ALARM DEVICES.
- FSD — FIRE SMOKE DAMPER
- REMOTE LED INDICATOR LIGHT

## SECURITY

- PB — ADA AUTO DOOR OPEN BUTTON
- DR — DOOR RELEASE BUTTON
- CR — WALL MOUNTED CARD READER

REFERENCE TECHNOLOGY/SECURITY SHEET FOR ADDITIONAL INFORMATION.

## SWITCHES AND LIGHTING CONTROL DEVICES

ALL SWITCH TYPES AND SENSORS TYPES FOUND ON 'LIGHTING CONTROL DEVICE SCHEDULE' LOCATED ON ELECTRICAL SCHEDULE SHEETS

SWITCH ANNOTATION AS FOLLOWS:
X $a,b,c — TYPE, PER SCHEDULE; NO TYPE INDICATES SINGLE POLE TOGGLE SWITCH; SWITCH LEGS, PER PLAN, SHOWN HERE AS 3 (a,b,c)

OCCUPANCY SENSOR ANNOTATION, AS FOLLOWS:
OCx — OCCUPANCY / VACANCE SENSOR 'x' INDICATES TYPE, PER SCHEDULE; CEILING SENSOR; WITH BRACKET INDICATES WALL / CORNER MOUNT

LIGHT SENSOR ANNOTATION, AS FOLLOWS:

- PC — DIGITAL PHOTOCELL
- DS — DAYLIGHT HARVESTING SENSOR

RELAY PANELS, CONTACTORS, TIME SWITCHES:

XX — RELAYS/CONTACTORS/TIMERS/DEVICES WHERE 'XX' INDICATES:
"LC" LIGHTING CONTRACTOR
"LCP" LIGHTING CONTROL PANEL
"TS" TIME SWITCH
"TC" TIME CLOCK

## DRAWING/DETAIL REFERENCE KEY

RE: 1 /E3-2 — REFER TO DRAWING/DETAIL NUMBER; SHEET NUMBER (1 / E3-2)

## PANELBOARD NOMENCLATURE

5 DP C H A 1
- 5 — LEVEL
- DP — DISTRIBUTION PANEL (IF APPLICABLE)
- C — BRANCH: NONE: NORMAL; E: LIFE SAFETY; Q: EQUIPMENT; C: CRITICAL; R: LEGALLY REQUIRED; X: OPTIONAL STAND-BY
- H — VOLTAGE: H: 480Y/277V; L: 208Y/120V
- A — AREA
- 1 — SUB PANEL

## GENERAL NOTES:

A. NOT ALL SYMBOLS SHOWN ON THIS SYMBOL LIST ARE USED IN THE CONTRACT DOCUMENTS.

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ISSUANCE:

**BID & PERMIT SET**

**12/10/2025**

SEAL:

BRENT B. MOE 117260 LICENSED PROFESSIONAL ENGINEER — 12/10/25

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CITY OF ANGLETON

**ABIGAIL ARIAS PARK**

PROJECT NO.: I1514.003

301 CEMETERY ROAD, ANGLETON, TEXAS 77515

DESIGNER | Designer
DRAWER | DBR
CHECKER | DBR

**ISSUANCES & REVISIONS**

| NO. | DESCRIPTION | DATE |
|---|---|---|
| | | |

**ELECTRICAL SYMBOL LEGEND**

**E0.01**

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## GENERAL LIGHTING DEMOLITION NOTES:

A. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRESENT ON SITE PRIOR TO BIDDING, AND SHALL BE EXPECTED TO PERFORM DEMOLITION AND INSTALL NEW AS SHOWN ON THE DOCUMENTS, INCLUDING SCOPE THAT MAY NOT FEASIBLY BE INDICATED ON PLAN.

B. CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL EXISTING ELECTRICAL DEVICES ON EXISTING CEILING. ALL ABANDONED DEVICES IN CEILING WITHIN SCOPE OF WORK SHALL BE REMOVED.

C. OWNER SHALL HAVE FIRST RIGHT OF REFUSAL TO ALL REMOVED MATERIALS. CONTRACTOR SHALL COORDINATE WITH OWNER FOR LOCATION TO RETURN ANY AND ALL MATERIAL FOR OWNER STORAGE. FAILURE TO TURN OVER REMOVED MATERIAL TO OWNER MAY REQUIRE CONTRACTOR TO REPLACE EQUIPMENT REMOVED WITH NEW.

D. REMOVE ALL ELECTRICAL DEVICES WITHIN DEMOLISHED WALLS INCLUDING SWITCHES AND FIRE ALARM DEVICES. REFER TO ARCHITECTURAL DEMO PLAN. THIS SCOPE MAY NOT BE DIRECTLY IMPLIED BY NOTES ON DEMO PLANS AS IT IS ASSUMED THIS SCOPE EXISTS BASED ON ARCHITECTURAL DEMOLITION PLANS.

E. CONTRACTOR SHALL REVIEW DEMO AND NEW WORK PLANS SIMULTANEOUSLY TO IDENTIFY SCOPE THAT IS TO BE MODIFIED FOR REUSE WITH NEW SCOPE.

F. ALL FIXTURES REMOVED AND REINSTALLED SHALL BE CLEANED, RELAMPED AS REQUIRED AND TOUCHED UP WITH PAINT. ALL DAMAGED PARTS MUST BE REPLACED. THE FIXTURES SHALL THEN BE REINSTALLED AS REQUIRED. PROVIDE NEW DRIVERS AS REQUIRED.ALL EXISTING SWITCHING ZONES SHALL REMAIN UNCHANGED UNLESS DIRECTED OTHER ON PLANS.

G. ALL LIGHTING CIRCUITS SHALL BE DEMOLISHED AS REQUIRED BY THE DEMOLITION SCOPE ON THE DOCUMENTS. REPAIR ANY CIRCUITS THAT ARE PARTIALLY DEMOLISHED AND CONTAIN OUTLETS THAT ARE 'NOT IN SCOPE' OR OUTSIDE OF THE LIMITS OF CONSTRUCTION TO WORKING CONDITION. PROVIDE ADDITIONAL CONDUIT, WIRE AND BOXES AS NEEDED.

H. MODIFIED LIGHTING CIRCUITS SHALL NOT EXCEED 50% CIRCUIT LOAD BASED ON CIRCUIT AMPACITY.

## GENERAL POWER DEMOLITION NOTES:

A. EXISTING CIRCUIT BREAKERS VACATED DUE TO REMODELING WORK SHALL REMAIN AS SPARE BREAKERS AND LEFT IN THE 'OFF' POSITION.

B. WHERE INDICATED OR REQUIRED BY OTHER TRADES, CONTRACTOR SHALL REMOVE ALL ELECTRICAL CONNECTIONS TO EXISTING PREWIRED FURNITURE. REMOVE CONDUIT AND WIRING BACK TO LAST ACTIVE JUNCTION. ALL DATA CABLING SHALL BE REMOVED.

C. CONTRACTOR SHALL REPORT ANY DAMAGED DEVICES THAT ARE SHOWN AS EXISTING TO REMAIN. ALL DEVICES FOUND TO BE DAMAGED AT THE TIME OF SUBSTANTIAL COMPLETION THAT NOT REPORTED PRIOR TO STARTING WORK SHALL BE REPLACED AT THE CONTRACTOR'S COST.

D. DEMOLISHED POKE-THRUS SHALL BE DISCONNECTED FROM EXISTING BRANCH CIRCUIT, DATA AND/OR AV CONDUCTORS. CAP WITH A UL LISTED FIRE RATED POKE-THRU COVER.

E. EXISTING RECEPTACLE OR MECHANICAL CIRCUITS MODIFIED IN FIELD SHALL NOT EXCEED 80% CAPACITY BASED ON AMP-RATING OF CIRCUIT.

## FIRE ALARM REMODELING NOTES:

A. CONTRACTORS ARE RESPONSIBLE FOR VISITING THE SITE AND VERIFYING THE EXISTING FIRE ALARM SYSTEM AND SCOPE OF WORKED REQUIRED PER PLANS AND SPECIFICATIONS, PRIOR TO BIDDING. VERIFY EXISTING SITE CONDITIONS, MAKE AND MODEL OF CURRENT FIRE ALARM SYSTEM, NECESSITY OF ANY FRONT-END UPGRADES, CODE COMPLIANCE OF EXISTING DEVICES LOCATED WITHIN THE SCOPE OF WORK AREA, TO BE KNOWN BY FIRE ALARM CONTRACTOR UPON DESIGN OF FIRE ALARM SHOP DRAWINGS.

B. THE INTENT OF THIS PLAN IS TO INCORPORATE NEW AND RELOCATED DEVICES WITH THE EXISTING BUILDING FIRE ALARM SYSTEM.

C. ALL NOTIFICATION DEVICES SHALL BE ACTIVATED AS REQUIRED BY APPLICABLE CODE WHEN FIRE ALARM SYSTEM IS INITIATED.

D. IT IS ASSUMED WITH THIS REMODEL THAT THE EXISTING SYSTEM MEETS REQUIRED CODES FOR THE ORIGINAL DATE OF INSTALLATION, AND BUILDING MANAGEMENT HAS MAINTAINED SYSTEM IN COMPLIANCE WITH LIFE SAFETY 101. FOR SEQUENCE OF OPERATIONS AND SPECIFICATIONS, REFER TO ORIGINAL SYSTEM DOCUMENT. COORDINATE WITH BUILDING MANAGEMENT.

E. THE EQUIPMENT SUPPLIER AND INSTALLING CONTRACTOR SHALL BE LICENSED BY THE STATE FIRE MARSHALL TO SELL, INSTALL, AND SERVICE FIRE ALARM SYSTEMS AS REQUIRED BY LOCAL CODES AND INSURANCE CODE.

F. ALL NEW EQUIPMENT REQUIRED FOR THIS REMODEL SHALL BE COMPATIBLE WITH THE EXISTING BUILDING SYSTEM AND IS TO BE A PART OF THE SUBMITTAL PROCESS AS NOTED IN THE ELECTRICAL SPECIFICATIONS FOR THIS PROJECT. PROVIDE ADDITION SYSTEM POWER BOOSTER WHERE REQUIRED.

G. VERIFY QUANTITIES OF NEW DEVICES TO INTERFACE WITH THE EXISTING BUILDING SYSTEM. THE CONTRACTOR SHALL COORDINATE WITH BUILDING MANAGEMENT AND SHALL NOTIFY THE ENGINEER IF ANY CONFLICT EXISTS PREVENTING MODIFICATIONS REQUIRED IN THESE PLANS.

H. THE SYSTEM WHEN MODIFIED, SHALL BE A COMPLETE AND WORKING SYSTEM, AND COMPLY WITH THE MOST RECENT RULES, REGULATIONS, AND ORDINANCES THAT PRESENTLY APPLY TO THIS REMODEL.

I. ANY DEVICE THAT SUFFERS MALFUNCTION DURING RENOVATION SHALL BE REPLACED AT NO COST TO OWNER. CONTRACTOR SHALL TAKE PROPER STEPS TO ENSURE DUST AND DEBRIS DOES NOT NEGATIVELY INTERFERE WITH OPERATION OF ANY EXISTING EQUIPMENT LEFT OPERATIONAL DURING RENOVATION.

## GENERAL ELECTRICAL DEMOLITION NOTES:

A. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE VERIFIED THE EXISTING JOB SITE CONDITIONS DURING THE BIDDING PERIOD TO OBTAIN THE SCOPE OF ELECTRICAL WORK INVOLVED AS A RESULT OF THE ARCHITECTURAL MODIFICATIONS TO THE EXISTING CONDITIONS. THE SCOPE OF WORK SHALL INCLUDE MATERIALS AND OUTLETS, CONSISTING OF FIXTURES, DEVICES, EQUIPMENT OR APPARATUS, WHICH MUST BE REROUTED, RELOCATED OR REMOVED EITHER TEMPORARILY OR PERMANENTLY, OR WHICH MUST BE PROVIDED SO THAT THE REMODELING WORK MAY BE ACCOMPLISHED. NOT ALL EXISTING OUTLETS ARE NECESSARILY INDICATED ON THE DRAWINGS.

B. CONTRACTOR SHALL REVIEW DEMOLITION AND NEW WORK PLANS SIMULTANEOUSLY TO IDENTIFY SCOPE THAT IS TO BE MODIFIED FOR REUSE WITH NEW SCOPE.

C. CONTRACTOR SHALL VERIFY AND DOCUMENT EXISTING CONDITIONS OF ALL OUTLETS THAT ARE INDICATED OR REQUIRED TO BE REMOVED AND REINSTALLED TO FACILITATE THE WORK REQUIRED BY ALL TRADES. THE CONTRACTOR SHALL REPLACE NON-OPERABLE DEVICES AT NO ADDITIONAL COST TO THE OWNER. DOCUMENT OUTLETS IN NON-WORKING CONDITION PRIOR TO REMOVAL AND NOTIFY THE OWNER.

D. OWNER SHALL HAVE FIRST RIGHT OF REFUSAL TO ALL REMOVED MATERIALS. CONTRACTOR SHALL COORDINATE WITH OWNER FOR LOCATION TO RETURN ANY AND ALL MATERIAL FOR OWNER STORAGE. FAILURE TO TURN OVER REMOVED MATERIAL TO OWNER MAY REQUIRE CONTRACTOR TO REPLACE EQUIPMENT REMOVED WITH NEW.

E. REMOVE ALL ELECTRICAL DEVICES WITHIN DEMOLISHED WALLS INCLUDING RECEPTACLES, DATA/TELEPHONE DROPS, P/A DEVICES, CONDUIT, AND WIRING. ALL EXISTING DEVICES MAY NOT BE DOCUMENTED ON PLANS. REFER TO ARCHITECTURAL DEMOLITION PLANS FOR DEMOLISHED WALLS. REMOVE CONDUIT AND WIRING BACK TO PANEL OR LAST ACTIVE JUNCTION BOX.

F. ALL ABANDONED CONDUIT AND BOXES FOUND IN CRAWLSPACES, CEILINGS SPACES, CHASES, OR UTILITY SPACES SHALL BE REMOVED. EXISTING UNDERGROUND CONDUIT MAY BE ABANDONED. CAP ABANDONED UNDERGROUND CONDUIT FLUSH WITH GRADE.

G. OWNER SHALL RESERVE THE RIGHT TO CLAIM ALL EQUIPMENT AND CABLING REMOVED DURING DEMOLITION.

H. RE-ESTABLISH SERVICE TO ALL OUTLETS THAT MAY BE INTERRUPTED DUE TO REMODELING WORK.

I. PROVIDE ALL APPURTENANCES REQUIRED TO REROUTE, RELOCATE, REMOVE OR REINSTALL ALL ITEMS REQUIRED BY SCOPE OF REMODEL.

J. ALL ABANDONED MATERIAL SHALL BE REMOVED FROM JOBSITE PRIOR TO PROJECT COMPLETION.

K. IDENTIFICATION AND LABELING SHALL BE PROVIDED IN ACCORDANCE WITH SPECIFICATIONS.

L. CIRCUIT NUMBERS ARE FOR PLAN REFERENCE ONLY. CONTRACTOR SHALL RELABEL ALL CIRCUIT DIRECTORIES WITH LOAD NAMES FOR ALL EXISTING AND NEW PANELS THAT WERE MODIFIED WITHIN THIS PROJECT.

## GENERAL SITE PLAN NOTES:

A. CONTRACTOR SHALL INSTALL ALL RACEWAYS, DUCTBANKS, CONCRETE PADS ETC. REQUIRED BY THE UTILITY COMPANY. OBTAIN WRITTEN INSTRUCTIONS FROM THE UTILITY COMPANY BEFORE ROUGH IN.

B. CONTRACTOR SHALL BORE UNDERNEATH EXISTING PAVEMENT WHERE CONDUITS ARE ROUTED UNDER EXISTING PAVING. SAW CUTTING IS NOT PERMITTED WITHOUT OWNER PERMISSION PRIOR TO BEGINNING WORK.

C. CONDUIT SHALL BE PERMITTED TO BE ROUTED EXPOSED/SURFACE MOUNTED IN MECHANICAL YARDS. EXPOSED CONDUITS SHALL RUN PERPENDICULAR OR PARALLEL TO THE WALLS, BEAMS, ETC. ROUTING SHALL BE COORDINATED WITH OWNER PRIOR TO ROUGH-IN.

D. CONTRACTOR SHALL SAW CUT EXISTING CONCRETE SLABS WHEN REQUIRED TO INSTALL NEW RACEWAYS. COORDINATE PROPOSED ROUTING WITH ARCHITECT PRIOR TO SAW CUTTING. CONTRACTOR SHALL PATCH TO MATCH EXISTING CONDITIONS. PERFORM X-RAY SCAN ON ANY POST TENSION SLAB PRIOR TO COMMENCING CUTTING.

E. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS WHEN EXCAVATING TO AVOID DAMAGE TO EXISTING POWER, COMMUNICATIONS, WATER, SANITARY/SEWER, AND/OR GAS LINES THAT MAY BE BURIED IN AREAS OF NEW CONSTRUCTION OR WHEN TRENCHING FOR NEW FEEDERS AND BRANCHES IS REQUIRED. COORDINATE WITH CIVIL PLANS FOR ADDITIONAL INFORMATION.

F. COORDINATE EQUIPMENT LOCATIONS WITH ARCHITECTURAL AND CIVIL PLANS FOR EXACT EQUIPMENT LOCATION BEFORE INSTALLATION. EQUIPMENT LOCATIONS SHOWN ARE APPROXIMATE.

G. THE CONTRACTOR SHALL PROVIDE AND INSTALL PULL STRINGS TO ALL SPARE OR UNUSED UNDERGROUND CONDUITS.

H. CONTRACTOR SHALL PROVIDE CONDUIT AS REQUIRED BY DIVISION 27/28. COORDINATE WITH DIVISION 27/28 SYSTEM PROVIDER FOR EXACT SIZE AND QUANTITY OF CONDUITS REQUIRED.

I. PROVIDE FLUSH WITH GRADE TRAFFIC-RATED CONCRETE PULL-BOXES AS REQUIRED EVERY 250' MAXIMUM FOR ALL BELOW GRADE CONDUIT RUNS SHOWN. LOW VOLTAGE AND LINE VOLTAGE CABLING SHALL NOT BE RUN THROUGH THE SAME PULL BOX.

J. ELECTRICAL SERVICE PULL-BOXES/MANHOLES SHALL BE COORDINATED WITH THE POWER COMPANY. REFER TO POWER COMPANY STANDARDS FOR EXACT REQUIREMENTS.

K. UNDER GROUND BRANCH CIRCUITS CONDUITS SHALL BE A MINIMUM SIZE OF 1 INCH USING #10 AWG CONDUCTORS UNLESS OTHERWISE NOTED.

L. ALL UNDERGROUND FEEDERS AND BRANCH CIRCUIT SHALL BE PROVIDED WITH PULLBOXES AS REQUIRED BY NEC.

M. ALL PULL BOXES SHALL BE INSTALLED FLUSH WITH FINISHED GRADE. REFER TO CIVIL PLANS FOR FINAL GRADE ELEVATION.

## GENERAL ELECTRICAL NOTES:

A. ELECTRICAL DEVICE LOCATIONS SHOWN ARE NOT EXACT. ALL DEVICE LOCATIONS SHALL BE VERIFIED WITH ARCHITECTURAL MILLWORK, CASEWORK, AND GENERAL ELEVATION VIEWS.

B. ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT, OUTLET BOXES, JUNCTION BOXES FOR ALL TECHNOLOGY, LOW VOLTAGE, ACCESS CONTROL SECURITY, SURVEILLANCE, AND OTHER DIVISION 27/28 SCOPE. REFER TO DIVISION 27/28 DRAWINGS AND SPECIFICATIONS FOR ALL WORK REQUIRED. OMISSION OF THIS SCOPE FROM DIV 26 SCOPE OF WORK IS PROHIBITED.

C. HVAC AND PLUMBING EQUIPMENT LOCATIONS ARE NOT EXACT, AND THE EXACT POINT OF CONNECTION TO EQUIPMENT MAY VARY. COORDINATE EXACT ROUGH-IN REQUIREMENTS IN FIELD AND WITH FINAL SUBMITTALS.

D. PROVIDE LABELING OF ALL DEVICES, CONDUIT, PANELS, AND JUNCTION BOXES WITH TYPE-WRITTEN LABEL IDENTIFYING CIRCUIT ON THE BACK OF DEVICE COVER PLATES AND ON COVER OF JUNCTION BOXES IN ACCORDANCE WITH ELECTRICAL SPECIFICATIONS.

E. ROOF PENETRATIONS SHALL BE MINIMIZED. WHERE ABLE, ROUTE ALL CONDUIT FOR ROOF MOUNTED EQUIPMENT THROUGH ROOF CURB. CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATING NECESSARY WATER PROOFING AROUND ROOF PENETRATIONS WITH ROOFING INSTALLER.

F. ALL RECEPTACLES LOCATED IN RESTROOMS, JANITOR CLOSETS, MECHANICAL ROOMS, ELEVATOR PITS OR SHAFTS, ELEVATOR EQUIPMENT ROOMS, SERVING ELECTRIC DRINKING FOUNTAINS OR VENDING MACHINES, LOCATED WITHIN 6' OF A SINK, LOCATED ABOVE A WET COUNTERTOP OR IN A KITCHEN OR COFFEE BAR SHALL BE GFCI. FEED-THRU GFCI/GFI IS PROHIBITED, ALL GFCI/GFI DEVICES SHALL BE PROVIDED WITH INDIVIDUAL TEST/RESET FEATURES. ALL GFCI RECEPTACLES SHALL BE ACCESSIBLE. PROVIDE SEPARATE RECEPTACLE PROTECTED BY "FACELESS GFCI." REQUIRED TO COMPLY WITH CURRENTLY ADOPTED NEC.

G. MULTI-WIRE HOME RUNS SHALL NOT BE ALLOWED. PROVIDE DEDICATED NEUTRALS FOR ALL CIRCUITS. SHARING CONDUIT IS PERMISSIBLE WHERE TOTAL CONDUCTOR AMPACITY DERATING HAS BEEN PERFORMED BY ELECTRICAL CONTRACTOR. THE NEUTRAL IS CONSIDERED CURRENT-CARRYING. ROUTE A MAXIMUM OF THE 3 BRANCH CIRCUITS IN A SINGLE 3/4" RACEWAY. EACH NEUTRAL SHALL BE LABELED TO INDICATE THE CIRCUIT NUMBER CORRESPONDING TO THE HOT CONDUCTOR. THIS LABEL SHALL INCLUDE THE PANELBOARD, JUNCTION BOXES AND OUTLET BOXES.

H. CONTRACTOR SHALL PROVIDE PLENUM RATED MATERIAL FOR ALL INFRASTRUCTURE LOCATED IN PLENUMS NOT PROTECTED BY CONDUIT OR ANOTHER APPROVED/LISTED FIRE ENCLOSURE.

I. NEW ELECTRICAL EQUIPMENT LOCATED IN ELECTRICAL ROOMS SHALL BE ARRANGED TO COMPLY WITH LATEST NEC ARTICLE 110.

J. ELECTRICAL AND TECHNOLOGY OUTLETS SHOWN IN SOUND RATED PARTITIONS SHALL NOT BE PLACED BACK-TO-BACK. OFFSET AT LEAST ONE STUD AND SEAL FOR SOUND AS REQUIRED.

K. ALL RECEPTACLES SHALL BE TAMPER RESISTANT TYPE. CONTRACTOR MAY PROVIDE NON-TAMPER RESISTANT RECEPTACLES WHERE NOT REQUIRED PER CURRENT NEC ARTICLE 406.

## LIGHTING GENERAL NOTES:

A. ALL LIGHTING CONTROLS SHALL BE PROVIDED IN ACCORDANCE WITH PERFORMANCE DESCRIPTION INDICATED IN THE LIGHTING CONTROL DEVICE SCHEDULE FOUND ON SCHEDULE SHEETS.

B. MULTIPLE SWITCHES SHOWN TOGETHER SHALL BE GANGED UNDER A COMMON COVER PLATE.

C. PROVIDE LABELING OF ALL CONTROL DEVICES, SWITCH PACKS, LIGHT FIXTURES, JUNCTION BOXES, ETC IN ACCORDANCE WITH SPECIFICATIONS.

D. LIGHTING FIXTURE LOCATIONS SHOWN TAKE PRECEDENCE IN CEILING LOCATION TO ALL OTHER TRADES. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING OTHER TRADES DO NOT IMPACT SPACING AND/OR OVERLAYMENT OF OTHER DEVICES WHERE LIGHT FIXTURES ARE INSTALLED.

E. REFERENCE SYMBOLS LEGEND FOR LIGHT SWITCH AND LIGHTING CONTROL DEVICE NOMENCLATURE AND SWITCH-LEG ANNOTATION OR LABELING.

F. ALL 2X2, 2X4 FIXTURES INSTALLED IN SUSPENDED GRID CEILING SHALL BE PROVIDED WITH (4) SECONDARY SUPPORT WIRES ANCHORED DIRECTLY TO STRUCTURE.

## EMER. LIGHTING GENERAL NOTES:

A. PROVIDE ALL EMERGENCY LIGHT FIXTURES WITH UNSWITCHED HOT LEG AS INDICATED IN NEC 700.12 AND PROVIDE LOCK-ON DEVICE AS REQUIRED BY NEC 700.

B. ROUTE AN UNSWITCHED HOT LEG TO ALL LIGHT FIXTURES DESIGNATED AS EMERGENCY FIXTURES. HOT LEG SHALL ORIGINATE FROM CIRCUIT SERVING NORMAL LIGHTING FIXTURES IN THAT SPACE. UNSWITCHED HOT LEG SHALL CONNECT TO THE NORMAL POWER SENSING LUG ON THE EMERGENCY BATTERY PACK.

C. PROVIDE UN-SWITCHED CIRCUIT TO ALL EXIT SIGNS. CONNECT TO DEDICATED CIRCUIT INDICATED AND PROVIDE LOCK-ON DEVICE AS REQUIRED BY NEC 700.

## FIRE ALARM GENERAL NOTES:

A. CONTRACTOR SHALL SUBMIT LICENSED SEALED FIRE ALARM DRAWINGS TO THE AHJ/PERMIT OFFICE FOR PLAN REVIEW BY MEANS OF DEFERRED SUBMITTAL.

B. ALL CEILING MOUNTED DEVICES SHALL BE CENTERED IN THE CEILING TILE.

C. ALL FIRE ALARM VISUAL AND AUDIO/VISUAL DEVICES SHALL BE CONFIGURED TO PROVIDE CANDELA RATINGS IN ACCORDANCE WITH ADA & NFPA COVERAGES.

D. CONTRACTOR SHALL PROVIDE 120V DEDICATED 20A BRANCH CIRCUIT WITH LOCK-ON BREAKER PROVISIONS TO EACH SPEAKER AMPLIFIER AND VISUAL DEVICE POWER SUPPLIES AS REQUIRED BY FIRE ALARM SHOP DRAWINGS. CONNECT TO EMERGENCY POWER WHEN AVAILABLE.

E. ALL WIRING FOR DEVICES IN EXPOSED STRUCTURE AREAS SHALL BE ROUTED WITHIN CONDUIT. EXPOSED ROUTING SHALL BE AVOIDED. EXPOSED CONDUIT SHALL BE ROUTED PERPENDICULAR, PARALLEL, AND TIGHT TO COLUMNS AND BEAMS. ALL EXPOSED CONDUIT ROUTING SHALL BE COORDINATED WITH ARCHITECT AND ENGINEER PRIOR TO INSTALLATION.

F. CONTRACTOR SHALL PROVIDE CONDUIT PATHWAYS FOR FIRE ALARM PLENUM CONDUCTORS WHERE ROUTED ABOVE HARD CEILING AREAS. CONDUIT RACEWAYS SHALL ALLOW ACCESS TO CONDUIT AT EACH END IN ACCESSIBLE LOCATIONS ABOVE CEILINGS.

G. LOCATE NEW SMOKE DETECTORS IN THE PATH OF EGRESS , ELECTRICAL, MECHANICAL, IDF ROOMS, STORAGE ROOMS AND OTHER LOCATIONS IN CHILDREN AREAS.

H. DUCT MOUNTED SMOKE DETECTORS SERVING HVAC UNITS WITH 2000 CFM OR GREATER SHALL BE INSTALLED IN AN ACCESSIBLE LOCATION IN RETURN AIR DUCT INSIDE THE BUILDING THE UNIT SERVES. IT IS NOT ACCEPTABLE TO INSTALL DUCT MOUNTED SMOKE DETECTORS AT THE HVAC UNIT ON THE ROOF OR EXTERIOR OF THE BUILDING.

I. LOCATE HEAT DETECTORS IN BREAKROOM AREAS.

J. PROVIDE NEW AUDIO & VISUAL DEVICES PER APPLICABLE CODE.

BURDITT
LandIPlace
310 Longmire Road
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Tel: 936.756.3041
105 N. Main Street,
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Tel: 979.977.5846

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ISSUANCE:

**BID & PERMIT SET**

**12/10/2025**

SEAL:




12/10/25

DBR
713.914.0888 p
https://www.dbrinc.com
Firm Registration No. 2234
DBR Project # 250286.000
RA | AR | IO | JL/TN | AC/LG

CITY OF ANGLETON

**ABIGAIL ARIAS PARK**

PROJECT NO.: | 1514.003

301 CEMETERY ROAD, ANGLETON, TEXAS 77515

DESIGNER | Designer
DRAWER | Author
CHECKER | Checker

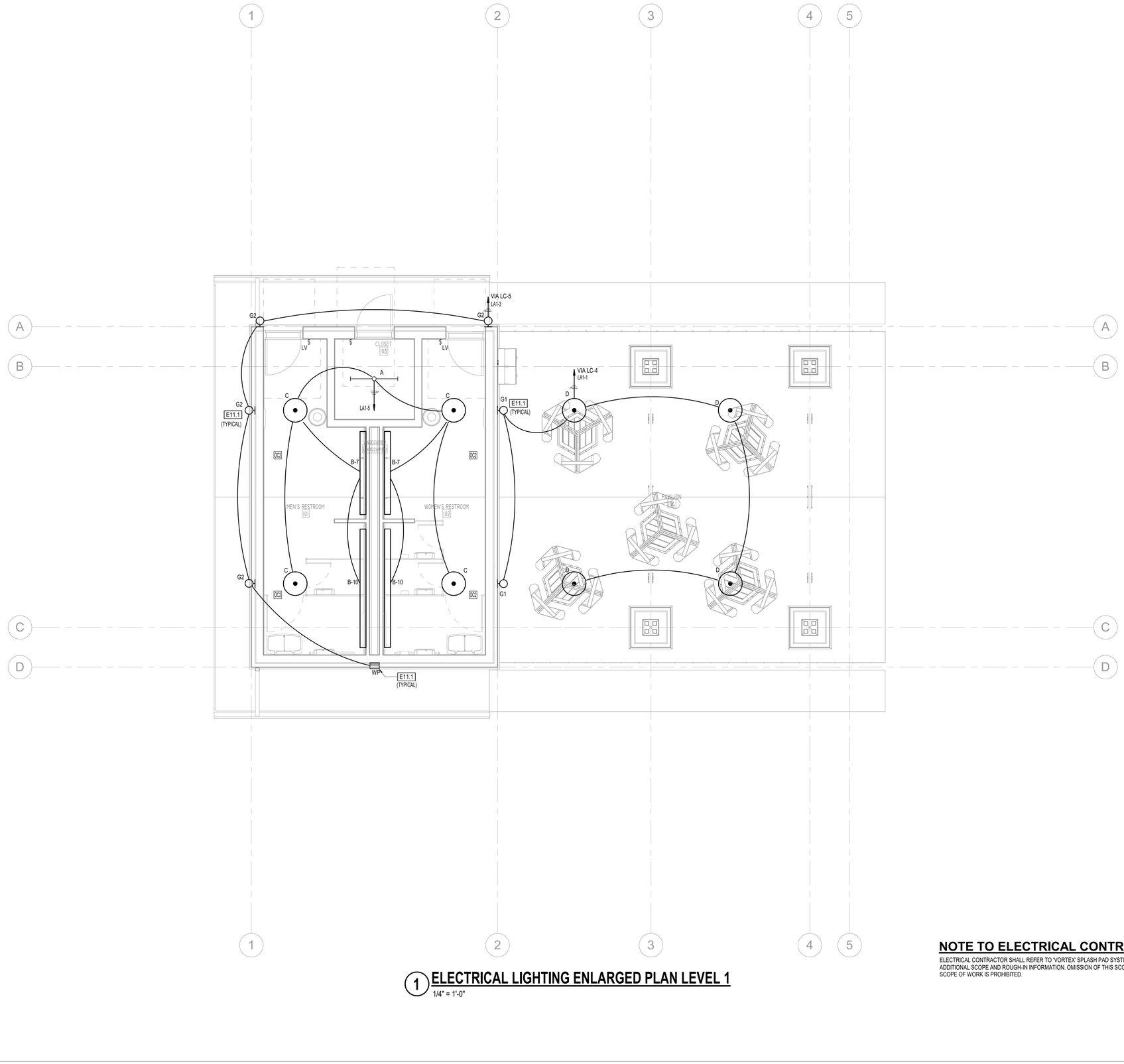
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|---|---|---|
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**ELECTRICAL GENERAL NOTES**

**E0.11**

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## 1 ELECTRICAL LIGHTING ENLARGED PLAN LEVEL 1

1/4" = 1'-0"

## GENERAL ELECTRICAL NOTES:

A. REFER TO SHEET E0.11 FOR ALL GENERAL ELECTRICAL NOTES.

## ELECTRICAL KEYED NOTES

E11.1 PROVIDE EXTERIOR WALLPACK/ SCONCE LIGHTING FIXTURE. CONTRACTOR SHALL FIELD COORDINATE EXACT LOCATION AND ELEVATION WITH ARCHITECT/OWNER PRIOR TO ROUGH-IN. TYPICAL.

## NOTE TO ELECTRICAL CONTRACTOR:

ELECTRICAL CONTRACTOR SHALL REFER TO 'VORTEX' SPLASH PAD SYSTEM PLANS FOR ADDITIONAL SCOPE AND ROUGH-IN INFORMATION. OMISSION OF THIS SCOPE FROM DIV 26 SCOPE OF WORK IS PROHIBITED.

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PROJECT NO.: | 1514.003

301 CEMETERY ROAD, ANGLETON, TEXAS 77515

DESIGNER | Designer
DRAWER | DBR
CHECKER | DBR

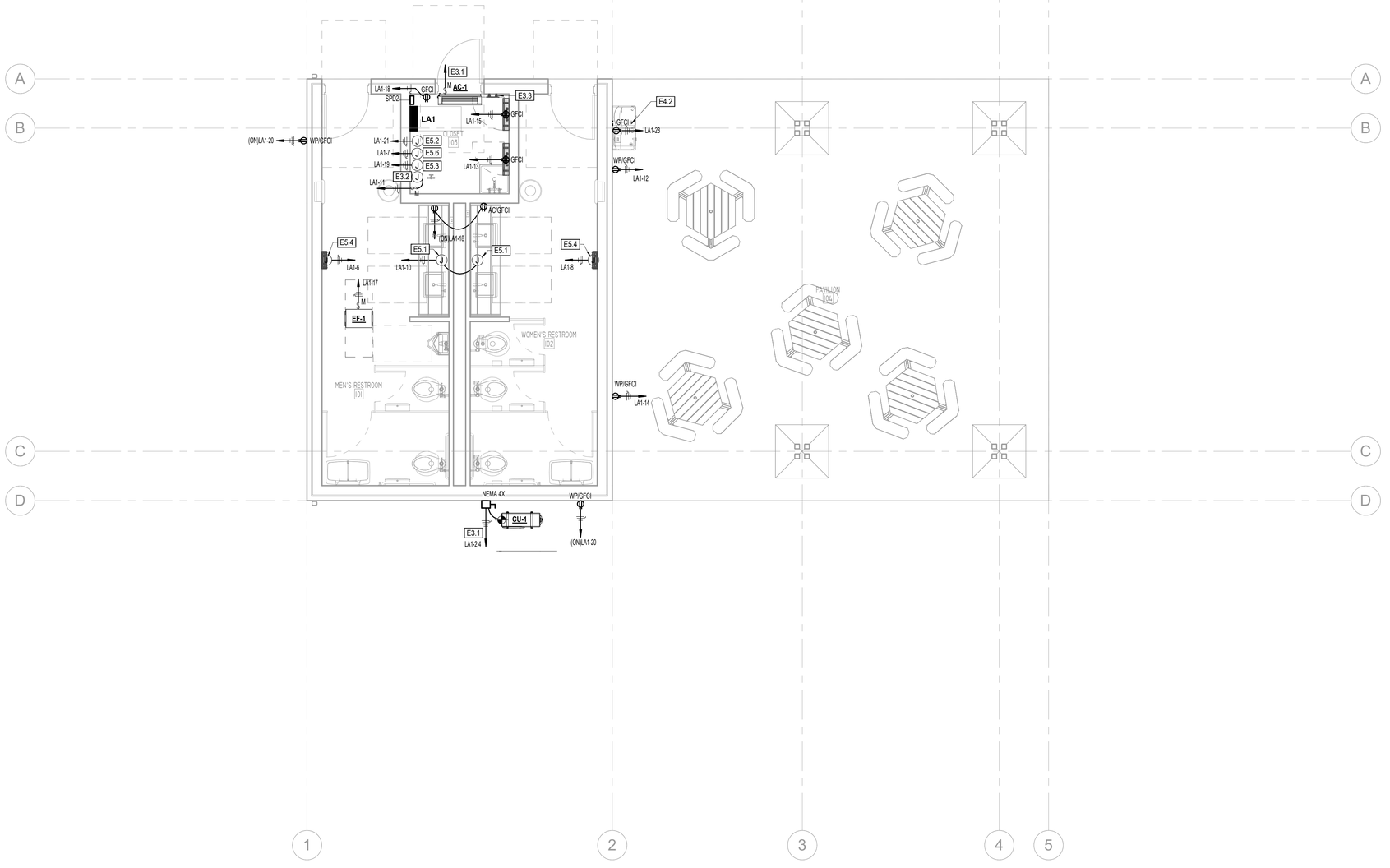
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|---|---|---|
| | | |

**ELECTRICAL LIGHTING ENLARGED PLAN**

**E3.01**

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## 1 ELECTRICAL POWER PLAN LEVEL 1

1/4" = 1'-0"

## NOTE TO ELECTRICAL CONTRACTOR:

ELECTRICAL CONTRACTOR SHALL REFER TO 'VORTEX' SPLASH PAD SYSTEM PLANS FOR ADDITIONAL SCOPE AND ROUGH-IN INFORMATION. OMISSION OF THIS SCOPE FROM DIV 26 SCOPE OF WORK IS PROHIBITED.

## GENERAL ELECTRICAL NOTES:

A. REFER TO SHEET E0.11 FOR ALL GENERAL ELECTRICAL NOTES.

## ELECTRICAL KEYED NOTES

E3.1 PROVIDE A SINGLE POINT OF POWER AT CONDENSING UNIT FOR MINI SPLIT DX SYSTEM. INDOOR UNIT SHALL BE POWERED FROM OUTDOOR UNIT. PROVIDE DISCONNECT MEANS FOR BOTH PIECES OF EQUIPMENT. REFERENCE DUCTLESS SPLIT SYSTEM CONNECTION DETAIL 7/E6.02.

E3.2 APPROXIMATE LOCATION OF HEAT TRACING CONTROLLER. FIELD COORDINATE EXACT LOCATION, INSTALLATION DETAILS, AND ADDITIONAL REQUIREMENTS WITH PLUMBING CONTRACTOR, CONTROLLER MANUFACTURER/INSTALLER, AND ARCHITECT/OWNER PRIOR TO STARTING ANY WORK.

E3.3 TECHNICAL GROUND BUS RE: 5/E6.02.

E4.2 PROVIDE RECEPTACLE FOR DRINKING FOUNTAIN AT THIS LOCATION. PROVIDE REMOTE GFCI TEST BUTTON ADJACENT TO DRINKING FOUNTAIN AT NORMAL RECEPTACLE HEIGHT IN AN ACCESSIBLE LOCATION. RE: 8/E6.02 FOR ELECTRICAL DRINKING FOUNTAIN DETAILS.

E5.1 PROVIDE 120V POWER FOR HARD WIRED LAVATORY FAUCET. PROVIDE 12-VOLT AC TRANSFORMER IF REQUIRED. COORDINATE WITH LAVATORY FAUCET MANUFACTURER FOR TRANSFORMER REQUIREMENT. COORDINATE EXACT LOCATION WITH ARCHITECT/OWNER PRIOR TO ROUGH-IN.

E5.2 PROVIDE 120V POWER TO ACCESS CONTROL/DOOR HARDWARE PANEL. COORDINATE EXACT LOCATION AND CONNECTION REQUIREMENTS WITH ACCESS CONTROL/DOOR HARDWARE CONTRACTOR, ARCHITECT/OWNER PRIOR TO ROUGH-IN.

E5.3 PROVIDE 120V POWER FOR IRRIGATION CONTROL. COORDINATE WITH IRRIGATION CONTROL MANUFACTURER FOR EXACT REQUIREMENTS. COORDINATE EXACT LOCATION WITH ARCHITECT/OWNER PRIOR TO ROUGH-IN.

E5.4 PROVIDE 120V POWER FOR HAND DRYER. COORDINATE WITH HAND DRYER MANUFACTURER FOR EXACT REQUIREMENTS. COORDINATE EXACT LOCATION WITH ARCHITECT/OWNER PRIOR TO ROUGH-IN.

E5.6 PROVIDE 120V POWER FOR TIME CLOCK (TC-2) AND LIGHTING CONTACTORS. . COORDINATE EXACT LOCATION WITH ARCHITECT/OWNER PRIOR TO ROUGH-IN.

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|---|---|---|---|---|

CITY OF ANGLETON

# ABIGAIL ARIAS PARK

301 CEMETERY ROAD, ANGLETON, TEXAS 77515

PROJECT NO.: 1514.003

DESIGNER | Designer
DRAWER | DBR
CHECKER | DBR

**ISSUANCES & REVISIONS**

| NO. | DESCRIPTION | DATE |
|---|---|---|
| | | |

ELECTRICAL POWER ENLARGED PLANS

**E3.02**

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## FEEDER SCHEDULE
### COPPER ONLY

| RATING | SETS | CONDUCTOR SIZE | CONDUIT |
|---|---|---|---|
| 30A | 1 | 4#10, 1#10 G. | 3/4" |
| 40A | 1 | 4#8, 1#10 G. | 1" |
| 50A | 1 | 4#8, 1#10 G. | 1" |
| 60A | 1 | 4#6, 1#10 G. | 1" |
| 70A | 1 | 4#4, 1#8 G. | 1 1/4" |
| 80A | 1 | 4#4, 1#8 G. | 1 1/4" |
| 90A | 1 | 4#3, 1#8 G. | 1 1/4" |
| 100A | 1 | 4#3, 1#8 G. | 1 1/4" |
| 125A | 1 | 4#1, 1#6 G. | 1 1/2" |
| 150A | 1 | 4#1/0, 1#6 G. | 1 1/2" |
| 175A | 1 | 4#2/0, 1#6 G. | 2" |
| 200A | 1 | 4#3/0, 1#6 G. | 2" |
| 225A | 1 | 4#4/0, 1#4 G. | 2 1/2" |
| 250A | 1 | 4#250, 1#4 G. | 2 1/2" |
| 300A | 1 | 4#350, 1#4 G. | 3" |
| 350A | 1 | 4#500, 1#3 G. | 3 1/2" |
| 400A | 1 | 4#600, 1#3 G. | 4" |
| 450A | 2 | 4#4/0, 1#2 G. | 2 1/2" |
| 500A | 2 | 4#250, 1#2G. | 2 1/2" |
| 600A | 2 | 4#350, 1#1G. | 3" |
| 700A | 2 | 4#500, 1#1/0G. | 4" |
| 800A | 2 | 4#600, 1#1/0G. | 4" |
| 1000A | 3 | 4#500, 1#2/0G. | 4" |
| 1200A | 4 | 4#350, 1#3/0G. | 3" |
| 1600A | 4 | 4#600, 1#4/0G. | 4" |
| | 5 | 4#500, 1#4/0G. | 4" |
| 2000A | 5 | 4#600, 1#250 G. | 4" |
| | 6 | 4#500, 1#250 G. | 4" |
| 2500A | 6 | 4#600, 1#350 G. | 4" |
| | 7 | 4#500, 1#350 G. | 4" |
| 3000A | 8 | 4#500, 1#400 G. | 4" |
| 3500A | 9 | 4#600, 1#500 G. | 4" |
| | 10 | 4#500, 1#500 G. | 4" |
| 4000A | 10 | 4#600, 1#500 G. | 4" |
| | 11 | 4#500, 1#500 G. | 4" |
| 5000A | 12 | 4#600, 1#750 G. | 4" |
| | 14 | 4#500, 1#750 G. | 4" |

1. ELECTRICAL CONTRACTOR SHALL PROVIDE THE NUMBER OF LUGS AND PROPER LUG SIZES TO ACCEPT CONDUCTOR SIZES SHOWN.
2. GROUND NOT REQUIRED AT SERVICE LATERAL.

## TRANSFORMER FEEDER SCHEDULE - HARMONIC MITIGATING - 3 PHASE

| PRIMARY VOLTAGE | | | | SECONDARY VOLTAGE | | | |
|---|---|---|---|---|---|---|---|
| 480V, THREE PHASE | | | | 120/208V, THREE PHASE, FOUR WIRE | | | |
| KVA | FEEDER | CONDUIT | BREAKER | FEEDER | CONDUIT | BREAKER | G.E.C. SIZE |
| 15 | 3 #10, 1 #10 G. | 3/4" | 25A/3P | 3 #6, 1 #4N, 1 #8G. | 1" | 60A/3P | #8 |
| 30 | 3 #8, 1 #10 G. | 1" | 45A/3 | 3 #3, 1 #1/0N, 1 #8G. | 1 1/4" | 100A/3P | #8 |
| 45 | 3 #4, 1 #8 G. | 1" | 70A/3P | 3 #1/0, 1 #4/0N, 1 #6G. | 2" | 150A/3P | #6 |
| 75 | 3 #1, 1 #6 G. | 1 1/4" | 125A/3P | 3 #250, 2 #3/0N, 1 #2G. | 3" | 250A/3P | #2 |
| 112.5 | 3 #2/0, 1 #6 G. | 1 1/2" | 175A/3P | 3 #600, 2 #300N, 1 #1/0G. | 4" | 400A/3P | #1/0 |
| 150 | 3 #4/0, 1 #4 G. | 2" | 225A/3P | (2) SETS OF 3 #250, 2 #3/0N, 1 #1/0G. | 3" | 500A/3P | #1/0 |
| 225 | 3 #500, 1 #3 G. | 3" | 350A/3P | (2) SETS OF 3 #600, 2 #300N, 1 #3/0G. | 4" | 800A/3P | #3/0 |
| 300 | (2) SETS OF 3 #4/0, 1#2G | 2 1/2" | 450A/3P | (3) SETS OF 3 #500, 2 #250N, 1 #3/0G. | 3 1/2" | 1000A/3P | #3/0 |
| 500 | (2) SETS OF 3 #500, 1#1/0G | 3" | 800A/3P | (5) SETS OF 3 #500, 2 #300N, 1 #350G. | 3 1/2" | 1800A/3P | #3/0 |

NOTE:
-ALL CONDUCTORS SHALL BE COPPER

## TRANSFORMER SCHEDULE

| MARK | KVA | PRI. VOLTAGE | SECONDARY VOLTAGE | MOUNTING | ENCLOSURE | REMARKS |
|---|---|---|---|---|---|---|
| TLA1 | 30.0 | 480V, 3PH. | 208Y/120V, 3PH., 4W | PAD | Type 3R | PQI DV SERIES HARMONIC MITIGATING TRANSFORMER |

1. PROVIDE ALL TRANSFORMERS WITH ALUMINUM WINDING, UNLESS NOTED OTHERWISE.
2. PQI SHALL SELECT PHASE SHIFTS USING0, 20, 30, AND 40 DEGREES FOR THE BEST HARMONIC CURRENT CANCELLATION.

## SURGE PROTECTION DEVICE (SPD) SCHEDULE

| MARK | MANUFACTURER | MODEL | VOLTAGE | PHASE | SURGE RATING PER MODE | BREAKER SIZE | TIERGUIDE CABLE SIZE |
|---|---|---|---|---|---|---|---|
| SPD2 | SOUTHERN TIER TECHNOLOGIES | T45120Y100AWAJ2S | 208/120V | 3 | 100/200kA | 30A/3P | INCLUDED |
| SPD7 | SOUTHERN TIER TECHNOLOGIES | T45277Y100ALAM1C | 480/277V | 3 | 100/200kA | 30A/3P | 5 #10, 3/4" C. |

## SPD NOTES

*ALL T45 SERIES SPD ENCLOSURES INSTALLED IN FOOD SERVICE AREAS (IE. KITCHENS, SNACK BARS, FOOD LABS, CULINARY ARTS ROOMS AND LIFE SKILLS ROOMS) SHALL BE RECESSED IN THE WALL. PROVIDE RECESSED WALL KIT #RKSS.

## Panelboard HA1

65000 A AIC Rating
X New
Existing

480/277 Wye Volt, 3 Phase, 4 Wire; 1 Section; Type 4X -Nema Rating | Mains Type: MCB | 200 A MCB -- ; 200 A BUS (Copper) -- | LUGS: -- | Mounting Stye: SURFACE

| NOTE | LOAD (VA) | TYPE | DESCRIPTION | WIRE | CB | CKT | | CB | WIRE | DESCRIPTION | TYPE | LOAD (VA) | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 600 VA | EL | POLE LIGHTS | 12 | 20 A | 1 | 2 | 20 A | 12 | Spare | -- | 0 VA | |
| | 20 VA | EL | POLE LIGHTS | 12 | 20 A | 3 | 4 | 20 A | 12 | Spare | -- | 0 VA | |
| | 390 VA | EL | POLE LIGHTS | 12 | 20 A | 5 | 6 | 20 A | 12 | Spare | -- | 0 VA | |
| | 0 VA | -- | Space | 12 | -- | 7 | 8 | -- | 12 | Space | -- | 0 VA | |
| | 0 VA | -- | Space | 12 | -- | 9 | 10 | -- | 12 | Space | -- | 0 VA | |
| | 0 VA | -- | Space | 12 | -- | 11 | 12 | -- | 12 | Space | -- | 0 VA | |
| | 0 VA | -- | Space | 12 | -- | 13 | 14 | -- | 12 | Space | -- | 0 VA | |
| | 0 VA | -- | Space | 12 | -- | 15 | 16 | -- | 12 | Space | -- | 0 VA | |
| | 0 VA | -- | Space | 12 | -- | 17 | 18 | -- | 12 | Space | -- | 0 VA | |
| | 13651 VA | Spare; L; R; SP; ... | TLA1 | 8 | 45 A | 19 | 20 | | | | | | |
| | | | | | | 21 | 22 | 30 A | 10 | SPD3 | SP | 0 VA | |
| | | | | | | 23 | 24 | | | | | | |

| NEC REF: | Load Type | Conn. | Fct. | Diversity | NEC REF: | Load Type | Conn. | Fct. | Diversity |
|---|---|---|---|---|---|---|---|---|---|
| 220.47 | (R)Receptacle | 2340 VA | 100.00% | 2340 VA | 210.20A | (L)Lighting | 428 VA | 125.00% | 535 VA |
| 220.56 | (K)Kitchen | | | | | (EL)Ext. Ltg. | 1010 VA | 125.00% | 1263 VA |
| 220.60 | (C)Cooling | 2891 VA | 100.00% | 2891 VA | 620.14 | (E)Elevators | | | |
| 220.60 | (H)Heating | | | 0 VA | | (WH)Wat. Htr. | | | |
| 220.60 | (F)Fans | | | | 220.50 | (MT)Lrg. Motor | | | |
| | (M)Misc. | 7992 VA | 100.00% | 7992 VA | | (SP)Sub Pnl. | 0 VA | Not Computed | 0 VA |
| | | | | | 630.11B | (W) Welders | | | |

Total Connected Load: 14661 VA VA = 18 A
Total Load (Diversified): 15021 VA VA = 18 A
Location of Panel:

## Panelboard LA1

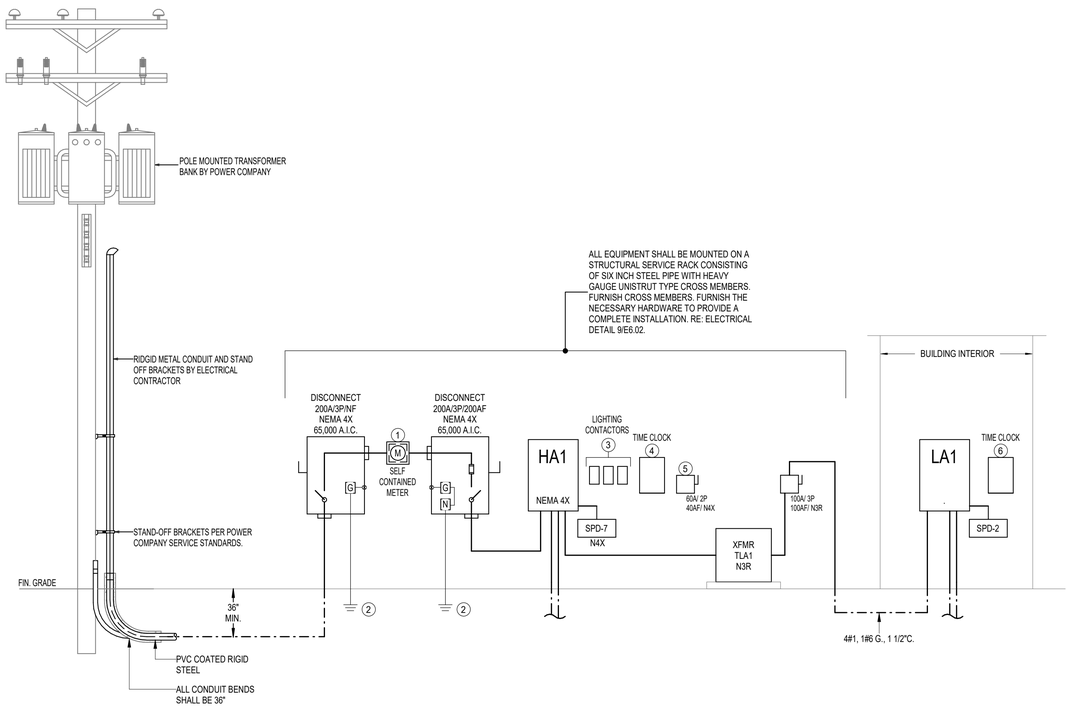
10000 A AIC Rating
X New
Existing

120/208 Wye Volt, 3 Phase, 4 Wire; 1 Section; Type 1 -Nema Rating | Mains Type: MCB | 100 A MCB -- ; 100 A BUS (Copper) -- | LUGS: -- | Mounting Stye: SURFACE

| NOTE | LOAD (VA) | TYPE | DESCRIPTION | WIRE | CB | CKT | | CB | WIRE | DESCRIPTION | TYPE | LOAD (VA) | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 150 VA | L | LIGHTING | 12 | 20 A | 1 | 2 | 30 A | 10 | CU-1/ AC-1 | C | 2891 VA | |
| | 48 VA | L | LIGHTING | 12 | 20 A | 3 | 4 | | | | | | |
| | 230 VA | L | LIGHTING | 12 | 20 A | 5 | 6 | 30 A | 10 | HAND DRYER | M | 900 VA | |
| | 360 VA | M | TC-1 | 12 | 20 A | 7 | 8 | 30 A | 10 | HAND DRYER | M | 900 VA | |
| | 360 VA | M | TC-2 | 10 | 20 A | 9 | 10 | 20 A | 12 | LAVATORY FAUCET | M | 360 VA | |
| | 336 VA | M | HEAT TRACE | 12 | 20 A | 11 | 12 | 20 A | 12 | WP/GFCI | R | 180 VA | |
| | 360 VA | R | DEDICATED | 12 | 20 A | 13 | 14 | 20 A | 12 | WP/GFCI | R | 180 VA | |
| | 360 VA | R | DEDICATED | 12 | 20 A | 15 | 16 | 20 A | 10 | WP/GFCI | R | 180 VA | |
| | 336 VA | M | EF-1 | 12 | 20 A | 17 | 18 | 20 A | 12 | WP/GFCI | R | 540 VA | |
| | 180 VA | M | IRRIGATION CONTROL | 12 | 20 A | 19 | 20 | 20 A | 12 | WP/GFCI | R | 360 VA | |
| | 180 VA | M | ACCESS CONTROL PANEL | 12 | 20 A | 21 | 22 | 40 A | 6 | SPLASH PAD CONTROL | M | 4080 VA | |
| | 180 VA | R | EDF | 12 | 20 A | 23 | 24 | | | | | | |
| | 0 VA | -- | Spare | 12 | 20 A | 25 | 26 | 20 A | 12 | Spare | -- | 0 VA | |
| | 0 VA | -- | Spare | 12 | 20 A | 27 | 28 | 20 A | 12 | Spare | -- | 0 VA | |
| | 0 VA | -- | Spare | 12 | 20 A | 29 | 30 | 20 A | 12 | Spare | -- | 0 VA | |
| | 0 VA | -- | Spare | 12 | 20 A | 31 | 32 | -- | 12 | Space | -- | 0 VA | |
| | 0 VA | -- | Spare | 12 | 20 A | 33 | 34 | -- | 12 | Space | -- | 0 VA | |
| | 0 VA | -- | Spare | 12 | 20 A | 35 | 36 | -- | 12 | Space | -- | 0 VA | |
| | 0 VA | -- | Space | 12 | -- | 37 | 38 | | | | | | |
| | 0 VA | -- | Space | 12 | -- | 39 | 40 | 30 A | 10 | SPD2 | SP | 0 VA | |
| | 0 VA | -- | Space | 12 | -- | 41 | 42 | | | | | | |

| NEC REF: | Load Type | Conn. | Fct. | Diversity | NEC REF: | Load Type | Conn. | Fct. | Diversity |
|---|---|---|---|---|---|---|---|---|---|
| 220.47 | (R)Receptacle | 2340 VA | 100.00% | 2340 VA | 210.20A | (L)Lighting | 428 VA | 125.00% | 535 VA |
| 220.56 | (K)Kitchen | | | | | (EL)Ext. Ltg. | | | |
| 220.60 | (C)Cooling | 2891 VA | 100.00% | 2891 VA | 620.14 | (E)Elevators | | | |
| 220.60 | (H)Heating | | | 0 VA | | (WH)Wat. Htr. | | | |
| 220.60 | (F)Fans | | | | 220.50 | (MT)Lrg. Motor | | | |
| | (M)Misc. | 7992 VA | 100.00% | 7992 VA | | (SP)Sub Pnl. | 0 VA | Not Computed | 0 VA |
| | | | | | 630.11B | (W) Welders | | | |

Total Connected Load: 13651 VA VA = 38 A
Total Load (Diversified): 13758 VA VA = 38 A
Location of Panel: Space 9




1 **ELECTRICAL ONE-LINE DIAGRAM**
NOT TO SCALE

## ONE-LINE DIAGRAM KEYED NOTES:

1. CONTRACTOR SHALL PROVIDE METER CAN, CURRENT TRANSFORMERS ENCLOSURE, AND POTENTIAL TRANSFORMER ENCLOSURE AS REQUIRED TO PROVIDE NEW SERVICE ENTRANCE PER CENTERPOINT ENERGY STANDARDS.
2. MAIN GROUND BAR, REF: 02/E6.01.
3. PROVIDE NEMA 3R LIGHTING CONTACTORS. REFER TO SITE PLAN AND CONTACTOR SCHEDULE FOR ADDITIONAL DETAILS.
4. PROVIDE NEMA 3R TIME CLOCK (TC-1) WITH OUTDOOR PHOTOCELL.
5. PROVIDE BUCK AND BOOST TRANSFORMER WITH 208V/1-PH PRIMARY TO 240V/1-PH SECONDARY TO SERVE SPLASH PAD POWER BOX. PROVIDE 60A/2P/40AF/N4X DISCONNECT FOR PRIMARY OCP. COORDINATE WITH FINAL EQUIPMENT SPECIFICATIONS PRIOR TO ROUGH-IN. FIELD COORDINATE EXACT LOCATION AND ADDITIONAL REQUIREMENTS WITH EQUIPMENT INSTALLER PRIOR TO ROUGH-IN.
6. PROVIDE TIME CLOCK (TC-2) WITH OUTDOOR PHOTOCELL. REFER TO SITE PLAN AND CONTACTOR SCHEDULE FOR ADDITIONAL DETAILS.

## ONE-LINE DIAGRAM GENERAL NOTES:

A. CONTRACTOR SHALL UTILIZE THE MANUFACTURER OF ELECTRICAL EQUIPMENT TO PROVIDE A SHORT CIRCUIT, COORDINATION, AND ARC FLASH STUDY OF THE ENTIRE ELECTRICAL SYSTEM.
   1. CONTRACTOR SHALL SUBMIT FULL STUDY PRIOR TO RELEASE OF ELECTRICAL EQUIPMENT FOR MANUFACTURER TO ENSURE EQUIPMENT IS IN COMPLIANCE WITH ALL STUDIES. STUDIES SHALL BE SIGNED AND SEALED BY A LICENSED PROFESSIONAL ENGINEER.
   2. PROVIDE DATA TO ENSURE SHORT CIRCUIT INTERRUPTING RATINGS OF EQUIPMENT IS GREATER THAN FAULT CURRENT AVAILABLE AT EQUIPMENT. COORDINATION STUDY SHALL PROVIDE SETTINGS FOR BREAKERS AND/OR FUSE SELECTION TO SELECTIVELY COORDINATE IN EMERGENCY, LEGALLY REQUIRED STANDBY, FIRE PUMPS AND ELEVATOR (NEC ARTICLE 700, 701, 620, 695) AREAS OF THE SYSTEM AND PROVIDE BEST COORDINATION SETTINGS IN THE BALANCE OF SYSTEM. .1 SECONDS DOES NOT COMPLY WITH NEC ARTICLE 700.32.
   3. SERIES RATINGS MAY BE USED EXCEPT FOR SWITCHBOARDS AND DISTRIBUTION PANELS. SWITCHBOARDS AND DISTRIBUTION PANELS SHALL BE FULLY RATED. WHERE SERIES RATINGS ARE UTILIZED, EQUIPMENT SHALL BEAR BLUE LABELS INDICATING SERIES RATED EQUIPMENT ON THE EXTERIOR OF EACH ENCLOSURE.
   4. ARC FLASH STUDY SHALL PROVIDE ARC INCIDENT ENERGY LEVELS, ARC FLASH BOUNDARY, AND PPE INFORMATION TO BE PRINTED AND APPLIED TO EACH EQUIPMENT IN THE SYSTEM. PROVIDE ALL TRIP CURVE, BREAKER/FUSE TESTED PAIR DATA AS WELL AS EQUIPMENT INTERRUPTING DATA AS PART OF STUDY.
   5. REFER TO SPECIFICATIONS SECTION 26.05.73.
B. METERING EQUIPMENT ENCLOSURE PROVIDED BY POWER CO., INSTALLED BY ELECTRICAL CONTRACTOR PER POWER COMPANY SPECIFICATIONS. METERS INSTALLED BY POWER COMPANY.
C. CONTRACTOR SHALL INSTALL FEEDERS BASED ON THE OVERCURRENT DEVICE RATING UNLESS OTHERWISE NOTED. CONTRACTOR SHALL REFER TO THE FEEDER SCHEDULE TO OBTAIN AND INSTALL THE FEEDERS REQUIRED.
D. SERVICE EQUIPMENT SHALL BE LEGIBLY MARKED IN THE FIELD WITH THE MAXIMUM AVAILABLE FAULT CURRENT AT THE TIME OF INSTALLATION AND CALCULATION. THE LABEL SHALL BE 2" X 3" IN SIZE AND SHALL BE BLUE LETTERING ON A CONTRASTING BACKGROUND. THIS LABEL SHALL ALSO INCLUDE THE DATE OF THE CALCULATION.
E. PRIOR TO INSTALLATION OF UNDERGROUND FEEDERS, THE ELECTRICAL CONTRACTOR SHALL SUBMIT AN UNDERGROUND ROUTING PLAN TO THE ENGINEER OF RECORD., INDICATING THE EXACT ROUTING PATH FOR ALL UNDERGROUND CONDUIT. INDICATE STUB-UP LOCATIONS, SIZE AND QUANTITY OF CONDUIT. ALL ELECTRICAL PANELS AND EQUIPMENT SHALL BE SHOWN ON THIS PLAN FOR REFERENCE OF CONDUIT TERMINATION.
F. CONTRACTOR SHALL COORDINATE NEW ELECTRICAL SERVICE WITH UTILITY COMPANY. PROVIDE CONDUIT, TRANSFORMER PAD, AND TAP BOX, WHERE REQUIRED. ALL NEW UTILITY WORK SHALL BE IN ACCORDANCE WITH LOCAL UTILITY STANDARDS.

## Load Analysis - ABIGAIL ARIAS PARK

480 / 277 , 3 -PHASE, 4 -WIRE — Date: 10/18/2025

| DESCRIPTION | | | | | | | NEC | KVA |
|---|---|---|---|---|---|---|---|---|
| LIGHTING: | | | | | | | | |
| INTERIOR = | 1,450 | S.F. | X | | 0.67 | W/S.F | 220.12 | 1.0 |
| EXTERIOR = | 1,250 | VA | X | 1.3 | | | | 1.6 |
| POWER: | | | | | | | | |
| RECEPTACLES = | 1,450 | S.F. | X | | 1 VA/SF | 1450 VA | 220.44 | |
| First | 1,450 | V.A. | X | 100% | | 1450 VA | | 1.5 |
| Remaining | 0 | V.A. | X | 50% | | 0 VA | | 0.0 |
| | | | | QTY: | | | | |
| MISCELLANEOUS= | | 3 | W/s.f. X | 1,450 | s.f. | | | 4.4 |
| HVAC: | | | | | | | | |
| COOLING/HTG./FANS = | 1,450 | S.F./ | 350 | S.F./TON x | 2.5 | KW/TON | | 10.4 |
| PLUMBING: | | | | | | | | |
| WATER HEATER = | 1,000 | VA | | | | | | 1.0 |
| DRINKING FOUNTAIN = | 360 | VA | | | | | | 0.4 |
| CIRCULATING PUMP = | 180 | VA | | | | | | 0.2 |
| | | | | | | | TOTAL = | 20.2 |
| | | | | | | | TOTAL AMPS: | 24.3 |
| SQUARE FOOTAGE = 1,450 | | | | | | | SERVICE SIZE: | 200.0 |
| | | | | | | | SPARE AMPACITY: | 175.7 |

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105 N. Main Street, Suite 123, Bryan, TX 77803, Tel: 979.977.5846

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ISSUANCE:

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**12/10/2025**

SEAL:




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Firm Registration No. 2234
DBR Project # 250286.000

| RA | AR | IO | JL/TN | AC/LG |
|---|---|---|---|---|

CITY OF ANGLETON

**ABIGAIL ARIAS PARK**

PROJECT NO.: | 1514.003

301 CEMETERY ROAD, ANGLETON, TEXAS 77515

DESIGNER | Designer
DRAWER | DBR
CHECKER | DBR

**ISSUANCES & REVISIONS**

| NO. | DESCRIPTION | DATE |
|---|---|---|

**ELECTRICAL ONE-LINE DIAGRAM**

**E4.01**

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# LIGHTING FIXTURE SCHEDULE

| TYPE | MANUFACTURER | MODEL | MOUNTING | LAMPS | VOLTAGE | WATTAGE | DESCRIPTION |
|---|---|---|---|---|---|---|---|
| A | METALUX | 4SNLED-LED5-56SL-LW-UNV-L840-CD1-U | SUSPENDED | LED | 120 V | 52 VA | 4FT STANDARD STRIPLIGHT, FULL FROSTED LENS. PROVIDE WITH 90-MINUTE BATTERY BACKUP. PROVIDE WITH AYC-CHAIN-SET IF NECESSARY. |
| B-7 | STARTEK | SAQUAD-LENGTH-350-SD-40K-80-FINISH-WM-U-1C | SURFACE | LED 4000K | 120 V | 21 VA | WET LOCATION LED WALL MOUNT LINEAR. |
| B-10 | STARTEK | SAQUAD-LENGTH-350-SD-40K-80-FINISH-WM-U-1C | SURFACE | LED 4000K | 120 V | 30 VA | WET LOCATION LED WALL MOUNT LINEAR. |
| C | ALW | CRP6-WL-20-83-40-80-DF-N-V10-L-FINISH-STEM | SUSPENDED | LED 4000K | 120 V | 19 VA | 6" DIA, WET LOCATION LED WALL PENDANT. PROVIDE WITH 90-MINUTE BATTERY BACKUP. |
| D | MCGRAW EDISON | TT-D1-740-U-WQ-MOUNT-FINISH-SG | SUSPENDED | LED 4000K | 120 V | 28 VA | WET LOCATION LED CANOPY LUMINAIRE. |
| G1 | ALW | CRS6-WL-20-83-40-60-DF-N-V10-L-FINISH | SURFACE | LED 4000K | 120 V | 19 VA | 6" DIA, WET LOCATION LED WALL SCONCE. |
| G2 | ALW | CRS3-WL-10-83-40-60-DF-N-V10-L-FINISH | SURFACE | LED 4000K | 120 V | 9 VA | 3" DIA, WET LOCATION LED WALL SCONCE. PROVIDE WITH 90-MINUTE BATTERY BACKUP. |
| PD5 | LIRON | PST2-UW-3CCT-130W | POLE | LED 4000K | 277 V | 130 VA | LED POST TOP LUMINAIRE, SELECTABLE CCT AND OUTPUT. PROVIDE 15FT KW POLE, MODEL NUMBER RSP15-4.0-11-F-X-BC. |
| PL5-2 | LUMARK | PRV-XL-PA2B-740-U-5WQ-SA-FINISH-WLS4XX | POLE | LED 4000K | 277 V | 300 VA | AREA SITE LUMINAIRES, TYPE V, WITH INTEGRAL OCC & DIMMING SENSOR. PROVIDE 20FT KW POLE, MODEL NUMBER RSP20-4.0-11-F-DM10-BC. |
| S2 | BULLARD SOLAR | PL-010 | POLE | LED 4000K | 277 V | 20 VA | LED SOLAR POWERED POST TOP LUMINAIRE. PROVIDE 10FT KW POLE, MODEL NUMBER RSP10-4.0-11-F-3-BC. |
| WP | LUMARK | AXCS1A-FINISH | SURFACE | LED 4000K | 120 V | 12 VA | LOW PROFILE LED WALL PACK. PROVIDE WITH 90-MINUTE BATTERY BACKUP. |

NOTES:
1. LIGHTING FIXTURE CATALOG NUMBERS AND DESCRIPTIONS ARE SCHEDULED FOR ESTABLISHING QUALITY, APPEARANCE AND PERFORMANCE OF THE FIXTURES AS REQUIRED BY THE DESIGN. EXACT CATALOG NUMBERS DESCRIBING MOUNTING CONDITIONS, FINISHES AND REQUIREMENTS RELATED TO TRIMS AND LENS FOR ALL FIXTURES SHALL BE CONFIRMED (BY THE CONTRACTOR) WITH THE ROOM FINISH SCHEDULE AND REFLECTED CEILING PLANS, INCLUDING GRID TYPES, ON THE ARCHITECTURAL DRAWINGS PRIOR TO BIDDING. FIXTURES SHALL BE SUBMITTED ACCORDING TO THE CONDITIONS INDICATED ON THE ARCHITECTURAL PLANS. REFER TO THE WRITTEN SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
2. THE NEW LIGHT FIXTURES SCHEDULED ARE THE BASIS OF DESIGN. IT IS NOT INTENDED TO LIMIT COMPETITION FROM EQUAL MANUFACTURERS. ALL BIDDERS SHALL SUBMIT THEIR PROPOSED LIGHT FIXTURES IN SUBMITTAL FORM A MINIMUM OF 10 BUSINESS DAYS PRIOR TO BID DATE FOR REVIEW. APPROVED LIGHT FIXTURES WILL BE ISSUED IN AN ADDENDUM.

# IECC 2015

| IECC 2015 STANDARD SEQUENCE of OPERATIONS | AUTO ON | MANUAL ON (VACANCY) | AUTO OFF (30 MIN MAX) | PARTIAL OFF AT NORMAL HOURS | AUTO OFF AFTER HOURS (30 MIN MAX) | TIME ON | TIME OFF | ASTRONOMIC or PHOTOCELL ON/OFF | AUTO STEP CONTROL WITH OFF | AUTO CONTINUOUS DIM WITH OFF | MANUAL BI-LEVEL REDUCTION CONTROL | MANUAL CONINUOUS DIM CONTROL | MANUAL ON/OFF SWITCH | MANUAL DIMMER SWITCH | DISPLAY, ACCENT, TASK CONTROL | V0-2-032917 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| ROOM TYPE | OCCUPANCY SENSOR | | | | | TIME SWITCH | | | DAYLIGHT CONTROL | | LT REDUCT | | MANUAL CONTROL | | | SEQUENCE OF OPERATION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SPACES (≥300 sq ft) | 50% | | 20 MIN | | | | | | | D | • | D | • | D | | Auto On 50%; Occupancy sensor Auto Off; Local control and ≥50% light reduction with two on/off controls; Where ≥150W in daylight area, use continuous dimming daylighting control and dimmer switch. |
| RESTROOM | 100% | | 20 MIN | | | | | | | | • | | • | | | Auto On 100%. Occupancy sensor Auto Off; Local control and ≥50% light reduction with two on/off controls; |
| STORAGE ROOM | 50% | | 20 MIN | | | | | | | D | • | D | • | D | | Auto On 50%; Occupancy sensor Auto Off; Local control and ≥50% light reduction with two on/off controls; Where ≥150W in daylight area, use continuous dimming daylighting control and dimmer switch. |
| MULTIPURPOSE (≤ 100 sq ft) | 50% | | 20 MIN | | | | | | | D | • | D | • | D | | Auto On 50%; Occupancy sensor Auto Off; Local control and ≥50% light reduction with two on/off controls; Where ≥150W in daylight area, use continuous dimming daylighting control and dimmer switch. |
| BUILDING FACADE / LANDSCAPE | | | | | | CLOSE | OPEN | • | | | | | | | | Dusk Auto On with astronomical time switch or photocell; Evening Time Auto Off as a function of close time. Morning Time On as a function of open time; Dawn Auto Off. |
| EXTERIOR / PARKING LOTS / SITE LIGHTING | | | | | | 6AM | 12:00 AM | • | | | | | | | | Dusk Auto On with astronomical time switch or photocell; Reduce at least 30% from midnight or up to one hour after business close. Auto On to full at 6:00AM or up to one hour before business open. Dawn Auto Off. |

# IECC, ASHRAE (NOTES)

•= Designation for code compliant default control design for spaces without daylighting control
D= Where daylighting control is required, "D" designation indicates controls required in the space for code compliance design
CK= Captive Key Switch system for use in Hotel/Motel and Guest Suites

| LIGHTING CONTACTOR SCHEDULE | | | | | |
|---|---|---|---|---|---|
| MARK | POLES | AMPS/ POLES | COIL VOLTAGE | CONTROL METHOD | REMARKS |
| LC-1 | 2 | 20 | 120 | SCHEDULE VIA TIME CLOCK WITH OVERRIDE SWITCH | POLE LIGHTS |
| LC-2 | 2 | 20 | 120 | SCHEDULE VIA TIME CLOCK WITH OVERRIDE SWITCH | POLE LIGHTS |
| LC-3 | 2 | 20 | 120 | SCHEDULE VIA TIME CLOCK WITH OVERRIDE SWITCH | POLE LIGHTS |
| LC-4 | 2 | 20 | 120 | SCHEDULE VIA TIME CLOCK WITH OVERRIDE SWITCH | EXTERIOR LIGHTS |
| LC-5 | 2 | 20 | 120 | SCHEDULE VIA TIME CLOCK WITH OVERRIDE SWITCH | EXTERIOR LIGHTS |

LIGHTING CONTACTOR NOTES
1. EXTERIOR LIGHTING SHALL BE PHOTOCELL CONTROLLED WITH ON/OFF SCHEDULING AS REQUIRED BY THE 2015 IECC.
2. EACH CONTACTOR SHALL HAVE HAND-OFF-AUTO (HOA) SWITCH ADJACENT TO CONTACTOR.
3. POLE QUANTITIES INDICATED ABOVE HAVE SPARE POLES BUILT IN. REFERENCE PLANS FOR ACTUAL QUANTITY OF CIRCUITS GOING TO EACH LIGHTING CONTACTOR.
4. LOCATE LIGHTING CONTACTOR ADJACENT TO PANEL SERVING LIGHTING CIRCUIT, CONTRACTOR SHALL FIELD VERIFY WHICH PANELS/CIRCUITS SERVES LIGHTING.
5. PROVIDE 8 CIRCUIT INTERMATIC ET90000 SERIES ASTRONOMICAL TIME CLOCK. TIME CLOCK SHALL BE PROVIDED WITH DATA CONNECTION FOR REMOTE NETWORK CONNECTION/LOG-IN FOR OWNER USE.
6. PROVIDE ELECTRICALLY HELD CONTACTORS.

# LIGHTING CONTROLS DEVICE SCHEDULE

| TYPE | DESCRIPTION | COMMENTS |
|---|---|---|
| $ $^{3}$ $^{4}$ $^{K}$ | LINE VOLTAGE SWITCH. | '3' INDICATES THREE WAY SWITCHING. '4' INDICATES FOUR WAY SWITCHING. 'K' INDICATES SWITCH SHALL BE KEYED SWITCH. |
| $^{MC} | LINE VOLTAGE MOMENTARY CONTACT SWITCH. | |
| $^{LV} $^{LVK} | LOW VOLTAGE MANUAL CONTROL. | CONNECT TO POWER PACK OR ROOM CONTROLLER IF OCCUPANCY SENSORS ARE INDICATED ON PLAN. PROVIDE MULTI-BUTTON SWITCH AS REQUIRED PER SWITCH LEGS SHOWN ON PLANS. 'K' INDICATES SWITCH SHALL BE KEYED SWITCH. |
| $^{OR} $^{ORK} | LOW VOLTAGE MANUAL CONTROL. | CONNECT TO RELAY PANEL OR TIME CLOCK FOR TIME OF DAY OVERRIDE AS NOTED ON PLANS. PROVIDE MULTI-BUTTON SWITCH AS NOTED ON PLANS. 'K' INDICATES SWITCH SHALL BE KEYED SWITCH. |
| OC2 | CEILING MOUNTED DUAL TECH OCCUPANCY SENSOR. | SET TO OCCUPANCY MODE. PROVIDE POWER PACKS AS REQUIRED. |

NOTES:
1. WATTSTOPPER IS THE BASIS OF DESIGN.
2. THE LIGHTING CONTROLS SCHEDULED ARE THE BASIS OF DESIGN. IT IS NOT INTENDED TO LIMIT COMPETITION FROM EQUAL MANUFACTURERS. ALL BIDDERS SHALL SUBMIT THEIR PROPOSED LIGHTING CONTROLS IN SUBMITTAL FORM A MINIMUM OF 10 BUSINESS DAYS PRIOR TO BID DATE FOR REVIEW. APPROVED LIGHTING CONTROL SYSTEMS WILL BE ISSUED IN AN ADDENDUM.
3. BASIS OF DESIGN SHALL BE A HARD-WIRED TYPE SYSTEM, UNLESS NOTED OTHERWISE.

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|---|---|---|---|---|

CITY OF ANGLETON

**ABIGAIL ARIAS PARK**

PROJECT NO.: | 1514.003

301 CEMETERY ROAD, ANGLETON, TEXAS 77515

DESIGNER | Designer
DRAWER | DBR
CHECKER | DBR

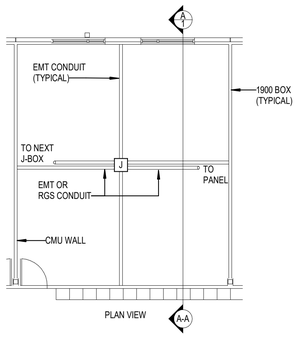
**ISSUANCES & REVISIONS**

| NO. | DESCRIPTION | DATE |
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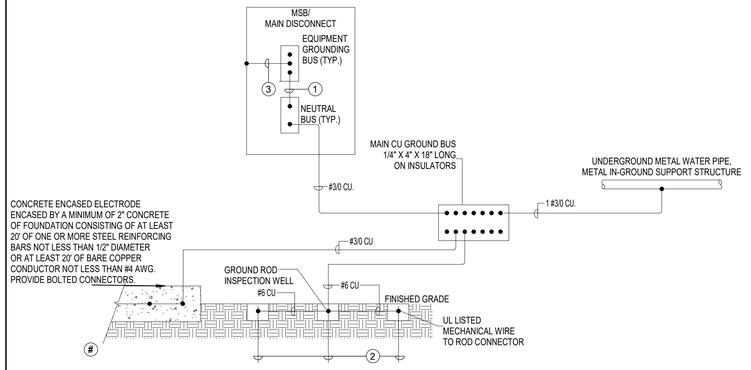
**ELECTRICAL SCHEDULES**

**E5.01**

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**3 TYPICAL RACEWAY CONFIGURATION - CONDUIT** E1007

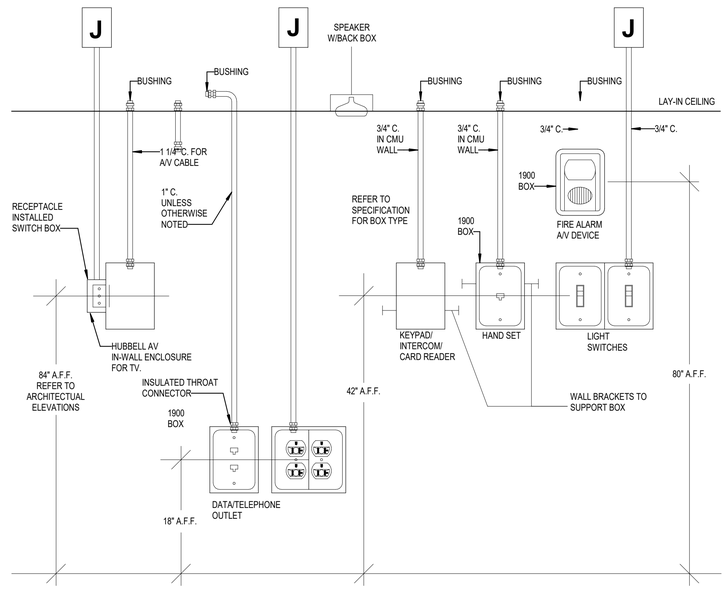



KEYED NOTES:

1. MAIN BONDING JUMPER SIZED BY MANUFACTURER OR TABLE 250.102(C)(1).
2. COPPER BONDED STEEL ELECTRODE 5/8" IN DIAMETER 10'-0" LONG WITH A MINIMUM OF 8'-0" IN DIRECT CONTACT WITH THE EARTH PER N.E.C. 250.52(A)(5) AND 250.53(A)(4). PROVIDE TRIAD GROUNDING SYSTEM CONSISTING OF THREE GROUND RODS SPACED NO LESS THAN 10'-0" APART.
3. BOND TO ENCLOSURE WITH U.L. LISTED GREEN SCREW AND BOND TERMINAL. JUMPER CABLE SHALL BE SIZED BY MANUFACTURER OR TABLE 250.102(C)(1).

*NOT TO SCALE

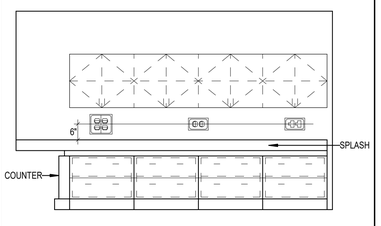
**2 GROUNDING ELECTRODE SYSTEM AND BONDING DETAIL - SINGLE SERVICE** ME-005




NOTE: COORDINATE EXACT LOCATION OF ALL DEVICES WITH ARCHITECT PRIOR TO ROUGH-IN.

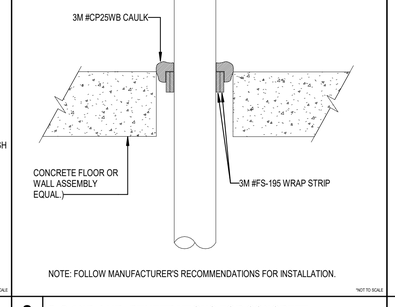
*NOT TO SCALE

**1 TYPICAL DEVICE ELEVATIONS** E1001




*NOT TO SCALE

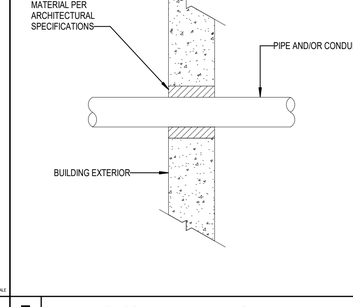
**9 TYPICAL COUNTERTOP DEVICE ELEVATION** E1009




NOTE: FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION.

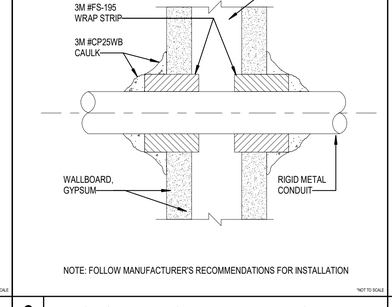
*NOT TO SCALE

**8 2, 3 AND 4 HR. PENETRATIONS FOR CONCRETE** E1019




*NOT TO SCALE

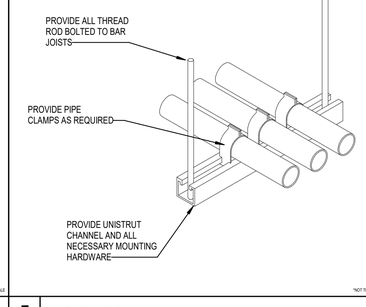
**7 PIPE AND/OR CONDUIT PENETRATION** E1018




NOTE: FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION

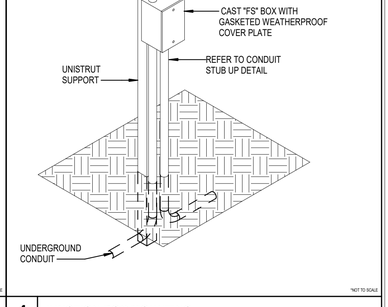
*NOT TO SCALE

**6 2 HR. GYPSUM WALLBOARD PIPE PENETRATION** E1017



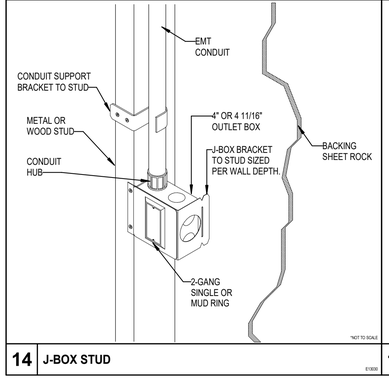

*NOT TO SCALE

**5 UNISTRUT CONDUIT** E1006



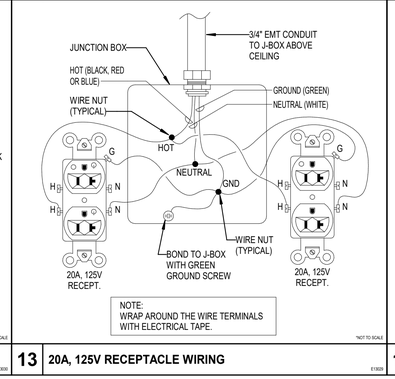

*NOT TO SCALE

**4 JUNCTION BOX MOUNTING** E1002



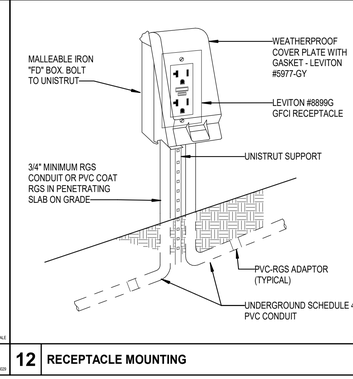

*NOT TO SCALE

**14 J-BOX STUD** E1030



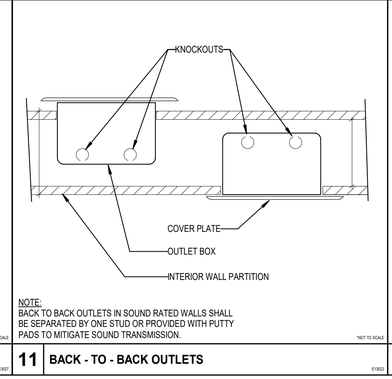

*NOT TO SCALE

**13 20A, 125V RECEPTACLE WIRING** E1029




*NOT TO SCALE

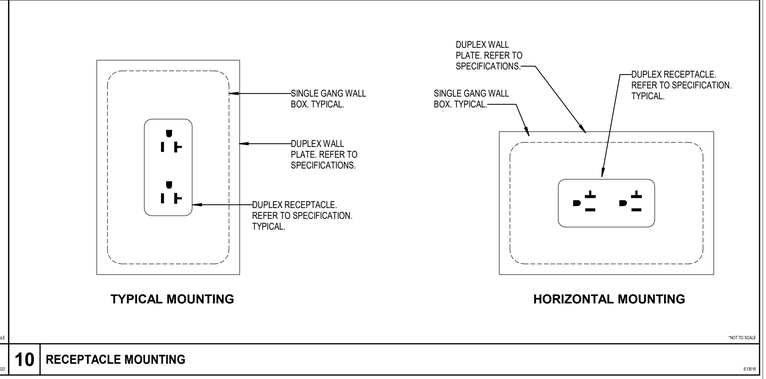
**12 RECEPTACLE MOUNTING** E1027




NOTE:
BACK TO BACK OUTLETS IN SOUND RATED WALLS SHALL BE SEPARATED BY ONE STUD OR PROVIDED WITH PUTTY PADS TO MITIGATE SOUND TRANSMISSION.

*NOT TO SCALE

**11 BACK - TO - BACK OUTLETS** E1022




*NOT TO SCALE

**10 RECEPTACLE MOUNTING** E1016

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|---|---|---|---|---|

CITY OF ANGLETON

**ABIGAIL ARIAS PARK**

PROJECT NO.: | 1514.003

301 CEMETERY ROAD, ANGLETON, TEXAS 77515

DESIGNER | Designer
DRAWER | DBR
CHECKER | DBR

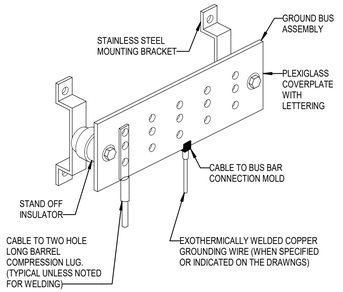
**ISSUANCES & REVISIONS**

| NO. | DESCRIPTION | DATE |
|---|---|---|
| | | |

**ELECTRICAL DETAILS**

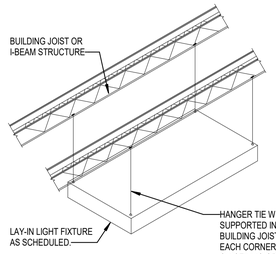
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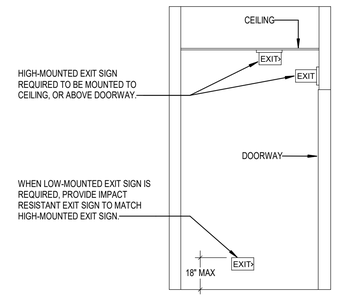

*NOT TO SCALE

**5 TECHNICAL GROUND BUS** E1603



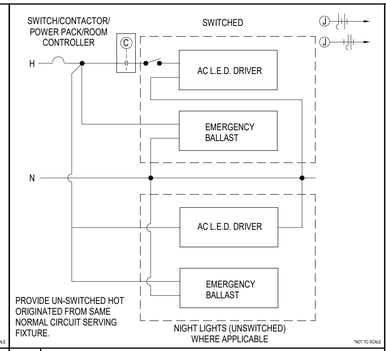

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**4 LIGHTING FIXTURE SUPPORT** E1424



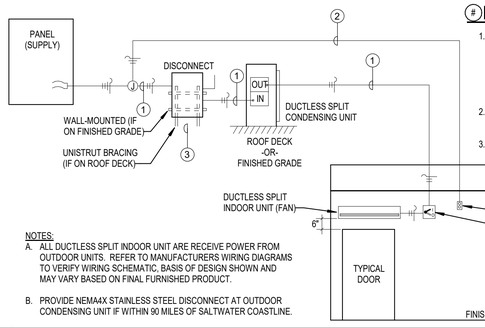

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**3 HIGH/LOW EXIT SIGN TYPE 'XR'** E1406




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**2 EMERGENCY BATTERY WIRING** E1409




## #DETAIL KEYED NOTES:

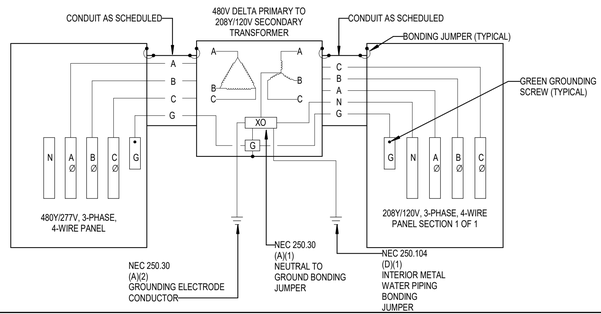
1. BRANCH FEEDER SHALL BE SIZED PER PANEL SCHEDULES FOR EACH DUCTLESS SPLIT UNIT. WIRE SIZE FROM PANEL TO OUTDOOR UNIT, AND OUTDOOR UNIT TO FAN UNIT SHALL BE THE SAME SIZE. NEUTRAL NOT INDICATED, AND SHALL BE PROVIDED ONLY IF REQUIRED BY MANUFACTURER
2. PROVIDE CIRCUIT TO SERVE CONDENSATE PUMP RECEPTACLE. WIRE SHALL MATCH BRANCH FEEDER TO PREVENT APPLICATION OF "TAP" RULE
3. PROVIDE 30A, 60A, 100A FRAME DISCONNECT BASED ON UPSTREAM BREAKER RATING

NOTES:
A. ALL DUCTLESS SPLIT INDOOR UNIT ARE RECEIVE POWER FROM OUTDOOR UNITS. REFER TO MANUFACTURERS WIRING DIAGRAMS TO VERIFY WIRING SCHEMATIC, BASIS OF DESIGN SHOWN AND MAY VARY BASED ON FINAL FURNISHED PRODUCT.

B. PROVIDE NEMA4X STAINLESS STEEL DISCONNECT AT OUTDOOR CONDENSING UNIT IF WITHIN 90 MILES OF SALTWATER COASTLINE.

*NOT TO SCALE

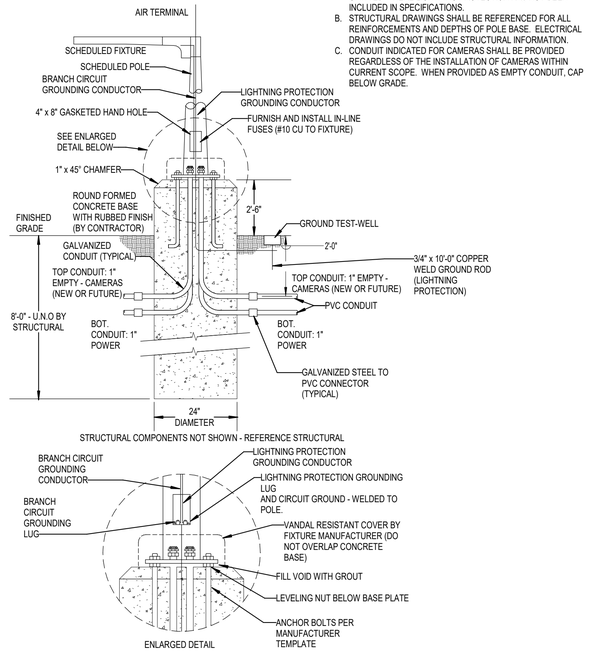
**7 DUCTLESS SPLIT ELECTRICAL CONNECTION** E1803




*NOT TO SCALE

**6 3-PHASE TRANSFORMER WIRING SCHEMATIC** E2606

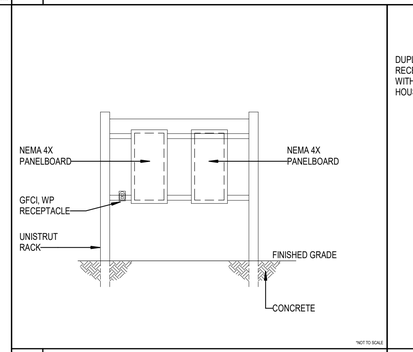
NOTES:
A. AIR TERMINAL AND LIGHTING PROTECTION SCOPE SHALL BE OMITTED WHERE LIGHTNING PROTECTION HAS NOT BEEN INCLUDED IN SPECIFICATIONS.
B. STRUCTURAL DRAWINGS SHALL BE REFERENCED FOR ALL REINFORCEMENTS AND DEPTHS OF POLE BASE. ELECTRICAL DRAWINGS DO NOT INCLUDE STRUCTURAL INFORMATION.
C. CONDUIT INDICATED FOR CAMERAS SHALL BE PROVIDED REGARDLESS OF THE INSTALLATION OF CAMERAS WITHIN CURRENT SCOPE. WHEN PROVIDED AS EMPTY CONDUIT, CAP BELOW GRADE.




NOTE: THE CONCRETE POUR SHALL BE MONOLITHIC.

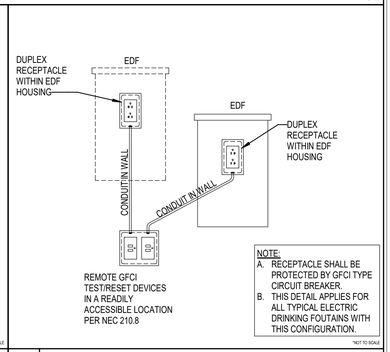
*NOT TO SCALE

**1 CONCRETE POLE BASE 1** E1409




*NOT TO SCALE

**9 TYPICAL UNISTRUT RACK AT GRADE** E1604




NOTE:
A. RECEPTACLE SHALL BE PROTECTED BY GFCI TYPE CIRCUIT BREAKER.
B. THIS DETAIL APPLIES FOR ALL TYPICAL ELECTRIC DRINKING FOUTAINS WITH THIS CONFIGURATION.

*NOT TO SCALE

**8 ELEC. DRINKING FOUNTAIN** E1608

BURDITT LandIPlace
310 Longmire Road, Conroe, TX 77304, Tel: 936.756.3041
105 N. Main Street, Suite 123, Bryan, TX 77803, Tel: 979.977.5846

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ISSUANCE:

**BID & PERMIT SET**

**12/10/2025**

SEAL:




12/10/25

DBR
713.914.0888 p
https://www.dbrinc.com
Firm Registration No. 2234
DBR Project # 250286.000

| RA | AR | IO | JL/TN | AC/LG |
|---|---|---|---|---|

CITY OF ANGLETON

# ABIGAIL ARIAS PARK

PROJECT NO.: | 1514.003

301 CEMETERY ROAD, ANGLETON, TEXAS 77515

DESIGNER | Designer
DRAWER | DBR
CHECKER | DBR

**ISSUANCES & REVISIONS**

| NO. | DESCRIPTION | DATE |
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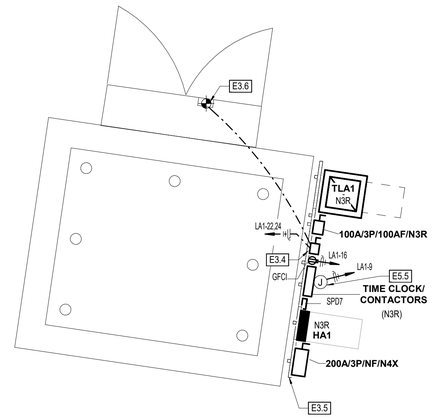
**ELECTRICAL DETAILS**

**E6.02**

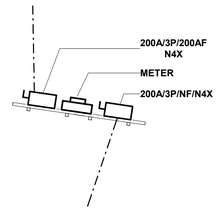
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## 1 EP SITE PLAN
1" = 30'-0"




## 3 ENLARGED ELECTRICAL
1/4" = 1'-0"




## 2 ENLARGED ELECTRICAL SERVICE ENTRANCE
1/4" = 1'-0"

## NOTE TO ELECTRICAL CONTRACTOR:

ELECTRICAL CONTRACTOR SHALL REFER TO 'VORTEX' SPLASH PAD SYSTEM PLANS FOR ADDITIONAL SCOPE AND ROUGH-IN INFORMATION. OMISSION OF THIS SCOPE FROM DIV 26 SCOPE OF WORK IS PROHIBITED.

## GENERAL ELECTRICAL NOTES:

A. REFER TO SHEET E0.11 FOR ALL GENERAL ELECTRICAL NOTES.

### ELECTRICAL KEYED NOTES

E3.4 PROVIDE BUCK AND BOOST TRANSFORMER WITH 208V/1-PH PRIMARY TO 240V/1-PH SECONDARY TO SERVE SPLASH PAD POWER BOX. PROVIDE 60A/2P/40AF/N4X DISCONNECT FOR PRIMARY OCP. COORDINATE WITH FINAL EQUIPMENT SPECIFICATIONS PRIOR TO ROUGH-IN. FIELD COORDINATE EXACT LOCATION AND ADDITIONAL REQUIREMENTS WITH EQUIPMENT INSTALLER PRIOR TO ROUGH-IN.

E3.5 ALL EQUIPMENT SHALL BE MOUNTED ON A STRUCTURAL SERVICE RACK CONSISTING OF SIX INCH STEEL PIPE WITH HEAVY GAUGE UNISTRUT TYPE CROSS MEMBERS. FURNISH CROSS MEMBERS. FURNISH THE NECESSARY HARDWARE TO PROVIDE A COMPLETE INSTALLATION. RE: ELECTRICAL DETAIL 9/E6.02.

E3.6 APPROXIMATE LOCATION OF 'MAESTRO PRO POWER BOX' FOR VORTEX SPLASH PAD. COORDINATE WITH SPLASH PAD CONTROL MANUFACTURER FOR EXACT REQUIREMENTS. COORDINATE EXACT LOCATION WITH ARCHITECT/OWNER PRIOR TO ROUGH-IN.

E5.5 PROVIDE 120V POWER FOR TIME CLOCK (TC-1) AND LIGHTING CONTACTORS. COORDINATE EXACT LOCATION WITH ARCHITECT/OWNER PRIOR TO ROUGH-IN.

E7.1 COORDINATE ALL LOCATIONS WITH CIVIL AND SITE UTILITIES PRIOR TO ROUGH-IN.

E7.2 PROPOSED LOCATION FOR NEW METER CAN AND SERVICE ENTRANCE DISCONNECTS. PROVIDE PER UTILITY SERVICE STANDARDS. COORDINATE WITH UTILITY COMPANY, CIVIL AND ALL SITE UTILITIES PRIOR TO STARTING ANY WORK.

E7.10 PROPOSED ROUTING OF NEW UNDERGROUND SECONDARY DUCTBANK. COORDINATE WITH UTILITY COMPANY, CIVIL AND ALL SITE UTILITIES PRIOR TO STARTING ANY WORK.

E7.11 PROPOSED LOCATION OF NEW POWER POLE BY UTILITY COMPANY. EXACT POLE LOCATION AND ROUTING SHALL BE DETERMINED BY UTILITY COMPANY. COORDINATE WITH UTILITY COMPANY, CIVIL AND ALL SITE UTILITIES PRIOR TO STARTING ANY WORK.

E7.13 PROPOSED ROUTING OF NEW UTILITY COMPANY OVERHEAD POWER LINES. EXACT POLE LOCATION AND ROUTING SHALL BE DETERMINED BY UTILITY COMPANY. COORDINATE WITH UTILITY COMPANY, CIVIL AND ALL SITE UTILITIES PRIOR TO STARTING ANY WORK.

E7.14 PROPOSED LOCATION OF POWER COMPANY POLE MOUNTED TRANSFORMER BANK. PROVIDE PER UTILITY SERVICE STANDARDS. TRANSFORMER POLE BANK SHALL BE LOCATED IN THE RIGHT OF WAY. COORDINATE WITH UTILITY COMPANY, CIVIL AND ALL SITE UTILITIES PRIOR TO STARTING ANY WORK.

E7.15 APPROXIMATE ROUTING OF UNDERGROUND DUCTBANK. COORDINATE WITH CIVIL AND ALL SITE UTILITIES PRIOR TO STARTING ANY WORK.

### PLUMBING KEYED NOTES

P1.1 SANITARY BUILDING DRAIN, SIZE AS NOTED, REFER TO CIVIL UTILITY DRAWINGS FOR CONTINUATION BEYOND 5' OF THE BUILDING LINE.

P1.3 DOMESTIC WATER SERVICE, SIZE AND PEAK FLOW RATE AS NOTED.

P1.6 STORM AND SIZE. REFER TO CIVIL DRAWINGS FOR DEPTH.

BURDITT
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Tel: 979.977.5846

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ISSUANCE:

**BID & PERMIT SET**

**12/10/2025**

SEAL:




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Firm Registration No. 2234
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RA | AR | IO | JL/TN | AC/LG

CITY OF ANGLETON

# ABIGAIL ARIAS PARK

PROJECT NO.: | 1514.003

301 CEMETERY ROAD, ANGLETON, TEXAS 77515

DESIGNER | Designer
DRAWER | DBR
CHECKER | DBR

**ISSUANCES & REVISIONS**

| NO. | DESCRIPTION | DATE |
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EP SITE PLAN

# EP0.21

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# TECHNOLOGY LEGEND

| GROUP | SYMBOL | DESCRIPTION |
|---|---|---|
| DEVICES | ▽ | INDICATES THE LOCATION OF A NEW TECHNOLOGY OUTLET. CONTRACTOR TO PROVIDE FACEPLATE WITH A MINIMUM OF 4-PORTS AT EACH LOCATION UNLESS OTHERWISE NOTED. ELECTRICAL CONTRACTOR TO PROVIDE A DOUBLE GANG BACK BOX WITH A SINGLE GANG REDUCER RING AND A 1" EMT CONDUIT FROM THE BOX TO THE NEAREST ACCESSIBLE CEILING. SOME EXISTING BUILDINGS MAY REQUIRE SURFACE MOUNTED RACEWAY. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL RACEWAY AS SPECIFIED AND DESIGNATE IN THE ELECTRICAL CONTRACT DOCUMENTS. SYSTEM INSTALLER TO PROVIDE AND INSTALL A PLASTIC PROTECTIVE BUSHING, ON EACH CONDUIT STUB-OUT, TO PREVENT CABLE DAMAGE. |
| | ▽ | INDICATES THE LOCATION OF A FLOOR MOUNTED TECHNOLOGY OUTLET. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL A FLOOR BOX WITH ONE (1) 1" CONDUIT PER EVERY SIX (6) CABLES INSTALLED. ALL CONDUITS SHALL ROUTE FROM THE FLOOR BOX, DIRECTLY TO THE WALL INDICATED AND STUB-UP INTO THE NEAREST ACCESSIBLE PLENUM CEILING |
| | ⌖ | INDICATES THE LOCATION OF A CEILING MOUNTED OUTLET. CONTRACTOR SHALL MOUNT THIS OUTLET AT +12" ABOVE THE CEILING AND COORDINATE ALL FINAL LOCATIONS WITH OTHER TRADES ON THE PROJECT TO VERIFY THAT THE LOCATION OF THE OUTLET MAINTAINS 12" OF CLEARANCE FROM THE FRONT OF THE FACEPLATE FOR OWNER ACCESS. ELECTRICAL CONTRACTOR SHALL ROUTE ONE (1) 1" CONDUIT FROM THE BUILDING STRUCTURE TO A SINGLE GANG BACK BOX MOUNTED AT 5' OR LESS ABOVE THE FINISHED CEILING. SECURE CONDUIT AND BACK BOX TO INSURE MINIMAL SWAY MOVEMENT. |
| | 'D#' | DESIGNATES THAT THE ASSOCIATED TECHNOLOGY OUTLET IS INTENDED FOR THE USE OF A NETWORK CONNECTION. THE '#' SHALL BE REPLACED WITH NUMERIC TEXT THAT IDENTIFIES THE TOTAL NUMBER OF CATEGORY 6, NETWORK CABLES THAT ARE TO BE INSTALLED AT THE TECHNOLOGY OUTLET LOCATION. CONTRACTOR TO PROVIDE AND INSTALL CATEGORY 6 CABLES, CATEGORY 6 CONNECTORS, STAINLESS STEEL FACEPLATES WITH IDENTIFICATION WINDOWS, LABELS, BLANK INSERTS, AND ANY OTHER MATERIALS REQUIRED TO FURNISH A COMPLETE FUNCTIONAL AND TESTED OUTLET LOCATION. ALL FACEPLATES PROVIDED SHALL CONTAIN A MINIMUM 4-PORTS AND SHALL BE APPROPRIATELY SIZED TO ACCOMMODATE THE NUMBER OF JACKS BEING INSTALLED AT THIS TECHNOLOGY OUTLET LOCATION. MAXIMUM OF SIX (6) DATA CABLES PER OUTLET. PROVIDE BLANK INSERTS IN ALL UNUSED PORTS ON FACEPLATES. |
| | 'W' | DESIGNATES THAT THE ASSOCIATED TECHNOLOGY OUTLET IS INTENDED FOR THE USE OF A WALL MOUNTED TELEPHONE CONNECTION. CONTRACTOR TO PROVIDE AND INSTALL ONE (1) CATEGORY 6 CABLE, ONE (1) CATEGORY 6 CONNECTOR, STAINLESS STEEL WALL TELEPHONE FACEPLATE, LABELS, AND ANY OTHER MATERIALS REQUIRED TO FURNISH A COMPLETE FUNCTIONAL AND TESTED EQUIPMENT OUTLET AT EACH LOCATION SHOWN. CONTRACTOR SHALL MOUNT THIS OUTLET AT +42" AFF AND COORDINATE ALL FINAL LOCATIONS WITH OTHER TRADES ON THE PROJECT TO VERIFY THAT THE LOCATION OF THE OUTLET MAINTAINS 8" OF CLEARANCE ON ALL FOUR SIDES OF THE BACK BOX. OUTLETS SHALL REMAIN CLEAR OF ROOM DOORS, CABINET DOORS, APPLIANCE DOORS, AND SLIDING DRAWERS. |
| | 'AP' | DESIGNATES THAT THE ASSOCIATED TECHNOLOGY OUTLET IS INTENDED FOR THE USE OF A WIRELESS ACCESS POINT CONNECTION. CONTRACTOR TO PROVIDE AND INSTALL ONE (1) CATEGORY 6 CABLE, ONE (1) CATEGORY 6 CONNECTOR, STAINLESS STEEL FACEPLATE WITH IDENTIFICATION WINDOWS, LABELS, AND ANY OTHER MATERIALS REQUIRED TO FURNISH A COMPLETE FUNCTIONAL AND TESTED EQUIPMENT OUTLET AT EACH LOCATION SHOWN. REFERENCE SPECIFICATIONS FOR PATCH CABLE REQUIREMENTS. |
| | | INDICATES THE LOCATION OF AN IP VIDEO SURVEILLANCE CAMERA. CONTRACTOR TO PROVIDE AND INSTALL CATEGORY 6 NETWORK CABLES, CATEGORY 6 CONNECTORS, STAINLESS STEEL FACEPLATES WITH IDENTIFICATION WINDOWS, LABELS, BLANK INSERTS, AND ANY OTHER MATERIALS REQUIRED TO FURNISH A COMPLETE FUNCTIONAL AND TESTED OUTLET LOCATION. ALL FACEPLATES PROVIDED SHALL SHALL BE APPROPRIATELY SIZED TO ACCOMMODATE THE NUMBER OF CIRCUITS BEING INSTALLED AT THIS OUTLET LOCATION. REFERENCE SPECIFICATIONS FOR PATCH CABLE REQUIREMENTS. |
| | | INDICATES THAT THE ASSOCIATED TECHNOLOGY OUTLET IS INTENDED FOR FUTURE USE. CONTRACTOR TO PROVIDE STAINLESS STEEL, SINGLE-GANG WALL PLATE AT ALL LOCATIONS. |

NOTES:
REFERENCE TECHNOLOGY GENERAL NOTES, PLAN KEYED NOTES, AND ALL OTHER SYSTEM LEGENDS/NOTES. THE STRUCTURED CABLING SYSTEM CONTRACTOR SHALL PROVIDE AND INSTALL CATEGORY 6 CABLE TO ALL SYSTEMS' EQUIPMENT REQUIRING NETWORK CONNECTIVITY.

# VIDEO SURVEILLANCE LEGEND

| GROUP | SYMBOL | DESCRIPTION |
|---|---|---|
| DEVICES | | INTERIOR/EXTERIOR WALL MOUNTED VIDEO SURVEILLANCE CAMERA. |
| | | INTERIOR/EXTERIOR CEILING/CANOPY MOUNTED VIDEO SURVEILLANCE CAMERA |
| | VRS | VIDEO RECORDING SERVER. REFERENCE SPECIFICATIONS FOR INFORMATION CONCERNING ANALOG OR IP BASED TYPE SYSTEM. |
| | #MU | INDICATES THE LOCATION OF A VIDEO SURVEILLANCE MAIN |

NOTES:
1. REFERENCE VIDEO SURVEILLANCE SCHEDULE AND DIVISION 28 SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS

# INTRUSION DETECTION LEGEND

| GROUP | SYMBOL | DESCRIPTION |
|---|---|---|
| DEVICES | IDP | DESIGNATES THE LOCATION OF THE INTRUSION DETECTION SYSTEM, CONTROL PANEL, ELECTRICAL CONTRACTOR TO PROVIDE 120V POWER TO PANEL |
| | DC | FLUSH MOUNTED MAGNETIC DOOR CONTACT. |
| | SDC | SURFACE MOUNTED MAGNETIC DOOR CONTACT. |
| | ODC | OVERHEAD DOOR, SURFACE MOUNTED DOOR CONTACT. |
| | KP | INTRUSION DETECTION SYSTEM ARM/DISARM KEYPAD. |
| | M | STANDARD RANGE WALL MOUNTED MOTION DETECTOR. |
| | M | MEDIUM RANGE WALL MOUNTED MOTION DETECTOR. |
| | M | LONG RANGE WALL MOUNTED MOTION DETECTOR. |
| | M | CEILING MOUNTED, 360° MOTION DETECTOR. |
| | R | RELAY/MONITOR MODULE |
| | DB | DURESS BUTTON |
| | WSR | WIRELESS SECURITY RECEIVER. ELECTRICAL CONTRACTOR TO PROVIDE ONE (1) SINGLE GANG BACK BOX WITH A 1" CONDUIT ROUTING TO THE NEAREST ACCESSIBLE CEILING. MOUNT AT 12" BELOW THE FINISHED CEILING, BUT DO NOT EXCEED 12'-0" AFF. |
| | GB | CEILING MOUNTED GLASS BREAK DETECTOR |

NOTES:
1. REFERENCE ACCESS CONTROL SCHEDULE, DIVISION 8 AND DIVISION 28 SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS

# ACCESS CONTROL LEGEND

| GROUP | SYMBOL | DESCRIPTION |
|---|---|---|
| DEVICES | CR | WALL OR MULLION MOUNTED ACCESS CONTROL PROXIMITY CARD READER. |
| | CR | ACCESS CONTROL PROXIMITY CARD READER THAT IS INTEGRATED INTO THE DOOR HARDWARE. |
| | DR | DOOR RELEASE BUTTON |
| | PIR | MOTION REQUEST TO EXIT DEVICE |
| | ACP | DESIGNATES THE LOCATION OF THE ACCESS CONTROL SYSTEM, CONTROL PANEL. ELECTRICAL CONTRACTOR TO PROVIDE 120V. POWER TO PANEL. PROVIDE NETWORK CABLE TO PANEL AND COORDINATE WITH THE OWNER'S TECHNOLOGY DEPARTMENT ON ACQUIRING AN IP ADDRESS. |
| | DS | WALL OR MULLION MOUNTED, 2-WAY AUDIO/VIDEO INTERCOM DOOR STATION. |
| | DS | DOOR MOUNTED, 2-WAY AUDIO/VIDEO INTERCOM DOOR STATION. |
| | MS | 2-WAY AUDIO/VIDEO INTERCOM MASTER STATION. |
| | PB | ADA AUTO DOOR OPEN BUTTON. SHOWN FOR REFERENCE ONLY, BUTTON AND AUTO DOOR OPERATOR PROVIDED AND INSTALLED BY THE DOOR SYSTEM INSTALLER. |
| | DO | AUTO DOOR OPERATOR. OPERATOR TO BE PROVIDED AND INSTALLED BY THE DOOR SYSTEM INSTALLER. |
| | LA | WALL MOUNTED, LOCAL ALARM SOUNDER. |
| | DC | DPDT MAGNETIC DOOR CONTACT/DOOR POSITION SENSOR. FLUSH MOUNTED IN DOOR FRAME, UNLESS NOTED OTHERWISE |

NOTES
1. REFRENCE ACCESS CONTROL SCHEDULE, DETAILS, AND DIVISION 28 SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS

# AUDIO/VIDEO LEGEND

| GROUP | SYMBOL | DESCRIPTION |
|---|---|---|
| DEVICES | '#MP' | INDICATES THE LOCATION OF A VIDEO PROJECTOR # TO BE REPLACED WITH "C" OR "W". "C" INDICATES THAT THE DEVICE IS A CEILING MOUNTED DEVICE AND "W" INDICATES IT IS TO BE WALL MOUNTED. CONTRACTOR TO PROVIDE AND INSTALL A PROJECTOR, CEILING OR WALL MOUNTING KIT, AND PATCH CABLES AS REQUIRED TO CONNECT AT BOTH ENDS. |
| | 'AV-'# | INDICATES THAT THE DESIGNATED TECHNOLOGY OUTLET IS INTENDED FOR AN AUDIO/VIDEO (A/V) INPUT. CONTRACTOR TO PROVIDE AND INSTALL A FLOOR MOUNTED OR WALL MOUNTED BOX AS INDICATED. TWO (2) 1.25" CONDUITS FROM THE BOX TO THE NEAREST, PLENUM ACCESSIBLE CEILING WITHIN THE SAME ROOM. ALL FLOOR AND WALL MOUNTED BOXES SHALL BE A MINIMUM OF 2-GANGS.<br><br>'# - WHEN REPLACED WITH A '1' (AV-1) ONLY, THE OUTLET SHALL BE A STANDALONE, LOCAL INPUT TIED TO A LOCAL VIDEO DISPLAY (FSD, CMP, WMP, AV-2, ETC.). THIS OUTLET WILL NOT BE ASSOCIATED WITH ANY SYSTEM FOR ROUTING TO DISPLAYS LOCATED IN ANY OTHER PORTION OF THE PROJECT. IF NOT REPLACED WITH A '1' SEE THE NOTES AT THE BOTTOM OF THE LEGEND FOR ADDITIONAL INSTRUCTIONS. |
| | 'FSD-'# | INDICATES THE LOCATION OF A FLAT PANEL VIDEO DISPLAY. CONTRACTOR TO PROVIDE AND INSTALL TWO (2) CATEGORY 6 UTP NETWORK CABLE TO ALL LOCATIONS SHOWN ON THE ENTIRE PROJECT.<br><br>'# - WHEN REPLACED WITH A '1' (FSD-1) ONLY, THE OUTLET SHALL BE A STANDALONE AND ONLY HAVE THE CATEGORY 6 CABLE ROUTED TO IT, FROM THE MDF/IDF SERVING THE DEVICES AREA ROOM.<br><br>'# - WHEN REPLACED WITH A '2' (FSD-2) ONLY, THE OUTLET SHALL HAVE THE CATEGORY 6 CABLE ROUTED TO IT, FROM THE MDF/IDF SERVING THE DEVICES AREA, AND THE CABLING FROM THE ASSOCIATED AV-1.<br><br>EACH FSD OUTLET SHALL BE A 2-GANG BOX AND TWO (2) 1.25" CONDUITS STUBBING INTO THE ROOMS ACCESSIBLE CEILING. PROVIDE ONE DOUBLE-GANG FACEPLATE WITH TWO (2) DECORA PORTS. PROVIDE A DECORA STYLE INSERT THAT ACCEPTS THE STYLE OF DATA JACK BEING USED FOR STRUCTURED CABLING. WHEN THERE IS A LOCAL A/V INPUT ASSOCIATED WITH THE DISPLAY, PROVIDE A DECORA INSERT THAT CONFORMS WITH THE SYSTEMS SPECIFIED. OTHERWISE PROVIDE A BLANK INSERT IN THE SECOND PORT. |
| | 'IVD' | INDICATES THE LOCATION OF A WALL MOUNTED, INTERACTIVE VIDEO DISPLAY. PROVIDE AND INSTALL A/V CABLE FROM THE ASSOCIATED AV-1 AS PER SYSTEM SPECIFICATIONS. RACEWAY SHALL CONSIST OF A 2-GANG BOX AND TWO (2) 1.25" CONDUITS STUBBING INTO THE ROOMS ACCESSIBLE CEILING. PROVIDE ONE DOUBLE-GANG FACEPLATE WITH TWO (2) DECORA PORTS. PROVIDE A DECORA STYLE INSERT THAT ACCEPTS THE STYLE OF DATA JACK BEING USED FOR STRUCTURED CABLING. WHEN THERE IS A LOCAL A/V INPUT ASSOCIATED WITH THE DISPLAY, PROVIDE A DECORA INSERT THAT CONFORMS WITH THE SYSTEMS SPECIFIED. OTHERWISE PROVIDE A BLANK INSERT IN THE SECOND PORT. |
| | 'USB-T' | INDICATES THE LOCATION OF A USB INPUT PLATE THAT SHALL TRANSMIT USB SIGNAL TO THE ASSOCIATED USB OUTPUT PLATE. RACEWAY SHALL CONSIST OF ONE (1) 1" CONDUIT AND A SINGLE GANG BACK BOX. |
| | 'USB-R' | INDICATES THE LOCATION OF A USB OUTPUT PLATE THAT SHALL RECEIVE USB SIGNAL FROM THE USB ASSOCIATED INPUT PLATE. RACEWAY SHALL CONSIST OF ONE (1) 1" CONDUIT AND A SINGLE GANG BACK BOX. |
| | S'# | INDICATES THE LOCATION OF A LOCAL SOUND REINFORCEMENT/PRESENTATION SPEAKER.<br><br>'# - WHEN REPLACED WITH AN 'L', THE SPEAKER SHALL BE FOR LOCAL INSTRUCTIONAL PRESENTATION AUDIO AND POWERED BY THE SPECIFIED CLASSROOM PRESENTATION AMPLIFIER.<br><br>'# - WHEN REPLACED WITH 'SM', THE SPEAKER SHALL BE DEDICATED TO A SPEECH PRIIVACY/SOUND MASKING SYSTEM. |
| | AVC'#' | INDICATES THE LOCATION OF AN AUDIO/VIDEO CONTROL PLATE. RACEWAY SHALL CONSIST OF ONE (1) A BACK BOX WITH A 1" CONDUIT ROUTING INTO THE ACCESSIBLE CEILING SPACE WITHIN THE SAME ROOM. AV SYSTEM INSTALLER TO COORDINATE THE CONTROL BACK BOX SIZE REQUIREMENT WITH THE PROJECT'S ELECTRICAL CONTRACTOR. |

NOTES:
A. IN THE EVENT THAT "#" IS NOT DEFINED IN THE OUTLET DESCRIPTION, THE DEVICE SHALL BE CONSIDERED A STANDALONE DEVICE, SERVING THE SYSTEM WITHIN THE SAME SPACE OR THE FOLLOWING SHALL APPLY:

* # - UNLESS SPECIFICALLY NOTED OTHERWISE, THE FOLLOWING SHALL APPLY TO EACH DEVICE SHOWN ON THE ENTIRE PROJECT:

* SHALL BE REPLACED THE ALPHABETICAL CHARACTERS THAT SHALL INDICATE THE SPECIFIC VENUE THAT THE DEVICE IS ASSOCIATED WITH

# SHALL BE REPLACED WITH A NUMERIC VALUE THAT SHALL IDENTIFY THE SPECIFIC DEVICE WITHIN THE SPECIFIC VENUE

B. THE AUDIO/VIDEO SYSTEM INTEGRATOR SHALL COORDINATE ALL BOX AND CONDUIT SIZE REQUIREMENTS PRIOR TO ROUGH-IN BY THE PROJECT ELECTRICAL CONTRACTOR.

C. REFERENCE SCOPE MATRIX AND PROJECT SPECIFICATIONS FOR INSTRUCTIONS REGARDING THE PROVIDING AND INSTALLATION OF VIDEO DISPLAYS, PROJECTORS, SCREENS, MOUNTS, AND LIFTS.

# TYPICAL SUBSCRIPTS LEGEND

| TEXT | DESCRIPTION |
|---|---|
| 'WM' | INDICATES THAT THE DESIGNATED DEVICE IS TO BE WALL MOUNTED AT SPECIFIED HEIGHT OR IN COMPLIANCE WITH CODE REQUIREMENTS. ALL WALL MOUNTED HEIGHTS ARE TO BE CONFIRMED WITH THE PROJECT'S ARCHITECT PRIOR TO ROUGH-IN. |
| 'WP' | INDICATES THAT THE DESIGNATED DEVICE SHALL BE WEATHER PROOF AND RATED FOR EXTERIOR CONDITIONS INSTALLATION. |
| 'AC' | INDICATES THAT THE DESIGNATED DEVICE IS TO BE INSTALLED ABOVE THE COUNTERTOP. A NUMERIC VALUE SHALL REPLACE THE '#' SYMBOL AND SHALL DESIGNATE THE SPECIFIC HEIGHT ABOVE COUNTER. ALL HEIGHTS ARE TO BE CONFIRMED WITH THE PROJECT'S ARCHITECT PRIOR TO ROUGH-IN. |
| 'AFF' | INDICATES THAT THE DESIGNATED DEVICE IS TO BE INSTALLED ABOVE THE FINISHED FLOOR. A NUMERIC VALUE SHALL REPLACE THE '#' SYMBOL AND SHALL DESIGNATE THE SPECIFIC HEIGHT ABOVE FINISHED FLOOR. ALL HEIGHTS ARE TO BE CONFIRMED WITH THE PROJECT'S ARCHITECT PRIOR TO ROUGH-IN. |
| 'AG' | INDICATES THAT THE DESIGNATED DEVICE IS TO BE INSTALLED ABOVE THE GRADE LEVEL. A NUMERIC VALUE SHALL REPLACE THE '#' SYMBOL AND SHALL DESIGNATE THE SPECIFIC HEIGHT ABOVE GRADE. ALL HEIGHTS ARE TO BE CONFIRMED WITH THE PROJECT'S ARCHITECT PRIOR TO ROUGH-IN. |
| 'SM' | INDICATES THAT THE DESIGNATED DEVICE IS TO BE SURFACE MOUNTED. CONTRACTOR TO PROVIDE ALL MATERIALS REQUIRED FOR A COMPLETE, SURFACE MOUNTED SOLUTION. ALL SURFACE MOUNTED PRODUCTS SHALL BE APPROVED BY THE PROJECT'S ARCHITECT PRIOR TO PROCUREMENT AND/OR INSTALLATION. |
| 'UC' | INDICATES THAT THE DESIGNATED DEVICE IS TO BE MOUNTED ON THE UNDERSIDE OF THE ELEVATED CANOPY. |
| 'UF' | INDICATES THAT THE DESIGNATED DEVICE IS TO BE INSTALLED UNDER A RAISED FLOOR SYSTEM. |
| 'CM' | INDICATES THAT THE DESIGNATED DEVICE IS TO BE CORNER MOUNTED AT SPECIFIED HEIGHT. ALL WALL MOUNTED HEIGHTS ARE TO BE CONFIRMED WITH THE PROJECT'S ARCHITECT PRIOR TO ROUGH-IN. |

# GENERAL NOTES

1. ALL 120V POWER REQUIRED FOR THE FUNCTIONALITY OF EACH SYSTEM SHALL BE A DEDICATED CIRCUIT AND ON EMERGENCY POWER WHEN AVAILABLE. PROJECTS ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL POWER TO MAIN CONTROL PANELS, REMOTE POWER SUPPLIES AND ALL HEAD END EQUIPMENT. SYSTEM INSTALLERS SHALL COORDINATE LOCATIONS AND CONNECTIONS WITH THE PROJECT'S ELECTRICAL CONTRACTOR.
2. THE PROJECT'S ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL IN CONDUITS, BACK BOXES, JUNCTION BOXES, RACEWAYS, AND SLEEVES REQUIRED TO ESTABLISH CLEAR PATHWAYS FOR ALL SYSTEMS. ALL CONDUITS, SLEEVES, BOXES, AND RACEWAYS SHALL BE PROPERLY SIZED TO MAINTAIN A 40% MAXIMUM FILL RATIO.
3. ALL TECHNOLOGY SYSTEMS OR WIRING ROUTING ACROSS NON-ACCESSIBLE CEILINGS SHALL BE INSTALLED IN CONDUIT PROVIDED AND INSTALLED BY THE PROJECT'S ELECTRICAL CONTRACTOR. EXPOSED WIRING FOR ALL ROUTING ABOVE NON-ACCESSIBLE CEILINGS WILL NOT BE ACCEPTED SIZE CONDUIT AS REQUIRED TO ROUTE SYSTEMS WITH 40% CABLE FILL RATIO. MINIMUM CONDUIT SIZE SHALL BE 3/4".
4. EACH SYSTEM INSTALLER SHALL BE RESPONSIBLE FOR ENSURING ALL EXTERIOR WALL PENETRATIONS ARE PROPERLY SEALED TO PREVENT ANY MOISTURE FROM ENTERING BUILDING.
5. NO CONDUITS SHALL BE INSTALLED ON THE EXTERIOR OF THE BUILDING. IF EXTERIOR CONDUITS ARE REQUIRED FOR A COMPLETE INSTALLATION, EACH SYSTEM CONTRACTOR SHALL COORDINATE WITH THE PROJECTS CONSULTANT PRIOR TO ANY ROUGH-IN.
6. EACH SYSTEM INSTALLER SHALL PROVIDE AND INSTALL PROTECTIVE BUSHINGS ON ALL CONDUIT STUB OUTS AND SLEEVES TO PREVENT CABLE DAMAGE. BUSHING TO BE INSTALLED PRIOR TO CABLE INSTALLATION. CUTTING BUSHING AND INSTALLING AFTER CABLE IS INSTALLED WILL NOT BE EXCEPTED.
7. ALL CABLE SHALL BE ROUTED DOWN CORRIDORS, PARALLEL AND PERPENDICULAR TO THE BUILDING WALLS AND STRUCTURE. CABLE TO EACH DEVICE SHALL BRANCH OFF OF A MAIN CORRIDOR TRUNK. ROUTING CABLES THROUGH CLASSROOMS, OFFICES, STORAGE ROOMS, RESTROOMS OR ANY TYPE OF ROOM OTHER THAN A CORRIDOR WILL NOT BE ACCEPTED. ENTER ALL ROOMS ABOVE THE ASSOCIATED ROOM DOORWAY.

# LOCAL SOUND SYSTEM LEGEND

| GROUP | SYMBOL | DESCRIPTION |
|---|---|---|
| DEVICES | S'# | VENUE SPECIFIC LOCAL SOUND SYSTEM SPEAKER. '# TO BE REPLACED WITH ALPHANUMERIC TEXT INDICATING THE ASSOCIATED VENUE AND SPEAKER NUMBER. |
| | LSC'# | VENUE SPECIFIC LOCAL SOUND SYSTEM CONTROL PLATE. '# TO BE REPLACED WITH ALPHANUMERIC TEXT INDICATING THE ASSOCIATED VENUE AND CONTROL PLATE NUMBER. |
| | M'# | VENUE SPECIFIC LOCAL SOUND SYSTEM MICROPHONE INPUT. '# TO BE REPLACED WITH ALPHANUMERIC TEXT INDICATING THE ASSOCIATED VENUE AND MIC INPUT NUMBER. |
| | H'# | VENUE SPECIFIC LOCAL SOUND SYSTEM HANGING MICROPHONE. '# TO BE REPLACED WITH ALPHANUMERIC TEXT INDICATING THE ASSOCIATED VENUE AND MIC NUMBER. |
| | ABM'# | VENUE SPECIFIC LOCAL SOUND SYSTEM 3.5MM AUXILIARY INPUT AND BLUETOOTH MIXER '# TO BE REPLACED WITH ALPHANUMERIC TEXT INDICATING THE ASSOCIATED VENUE AND MIXER NUMBER. CONTRACTOR TO PROVIDE AND INSTALL A RECESSED ENCLOSURE WITH FLUSH MOUNTED, LOCKABLE DOOR. DEVICE TO BE MOUNTED AT +42" AFF. |
| | RACK | INDICATED THE LOCATION OF THE VENUE SPECIFIC LOCAL SOUND SYSTEM HEAD END RACK. AMPLIFIERS, DSPS, AND ALL OTHER HEAD END EQUIPMENT SHALL BE INSTALLED IN THIS RACK/CABINET. |
| | WA | WIRELESS MICROPHONE ANTENNA. REFERENCE SPECIFICATIONS FOR MORE INFORMATION. |
| | ALA | ASSISTED LISTENING ANTENNA. REFERENCE SPECIFICATIONS FOR MORE INFORMATION. |

NOTES:
1. REFERENCE SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS

# SUBSCRIPTS LEGEND - EXISTING DEVICES

| TEXT | DESCRIPTION |
|---|---|
| 'E' | INDICATES THAT THE DEVICE IS EXISTING TO REMAIN. CONTRACTOR TO REMOVE DEVICE AND PLACE IN THE SAME LOCATION AS NEEDED. |
| 'D' | INDICATES THAT THE DEVICE IS EXISTING AN IS TO BE REMOVED. CONTRACTOR TO REMOVE THE DEVICE AND RETURN TO OWNER. |
| 'R' | INDICATES THAT THE DEVICE IS EXISTING AND SHALL BE REPLACED. REFERENCE NEW SYSTEM LAYOUT FOR EXACT LOCATIONS |
| 'RR' | INDICATES THAT THE DEVICE IS EXISTING AND SHALL BE REMOVED AND RELOCATED TO A LOCATION INDICATED ON THE DRAWINGS. REFERENCE NEW SYSTEM LAYOUT FOR EXACT LOCATIONS. |

# COMMUNICATIONS

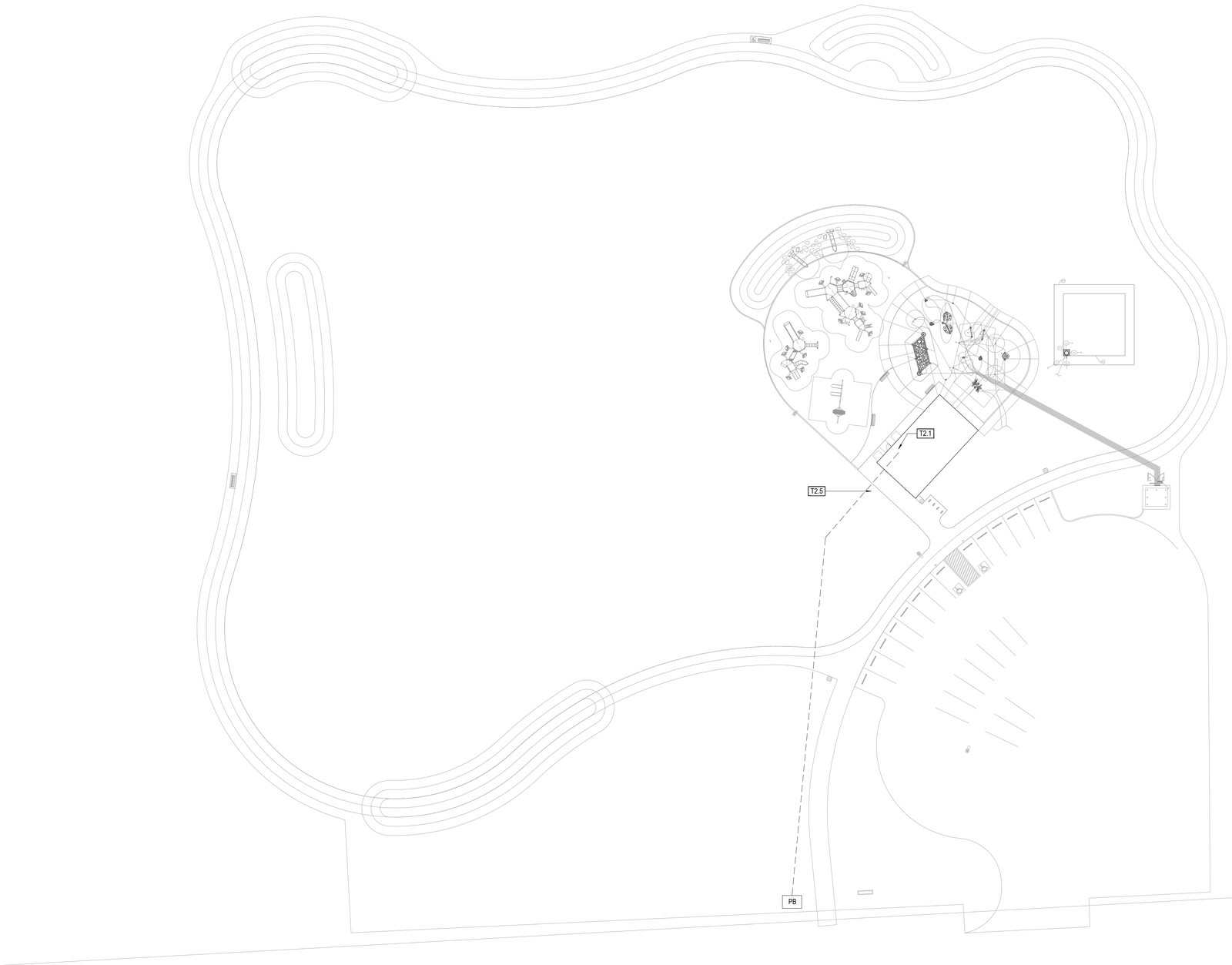
| | |
|---|---|
| HS DS | SCHOOL INTERCOMMUNICATION SYSTEM HANDSET. |
| DEFAULT ELEVATION (UNLESS INDICATED OTHERWISE) TO CENTER OF ROUGH-IN: 42" AFF | |
| VC | VOLUME CONTROL - WALL MOUNTED |
| CB | INTERCOM/PA SYSTEM CALL-IN OR CALL-BACK DEVICE |
| DEFAULT ELEVATION (UNLESS INDICATED OTHERWISE) TO CENTER OF ROUGH-IN: 120" AFF OR 12" BELOW CEILING, WHICHEVER IS LOWER | |
| L S | INTERCOMP/PA SPEAKER<br>"L" LOCAL SOUND REINFOCEMENT |
| CEILING MOUNTED DEVICES: | |
| VC S | INTERCOM/PA SPEAKER<br>"VC" INDICATED VOLUME CONTROL ON SPEAKER. |

# TECHNOLOGY GENERAL NOTES

1. CONTRACTOR SHALL COORDINATE WITH DBR ENGINEERING PRIOR TO THE INSTALLATION OF RACKS AND RACK EQUIPMENT. NO RACKS SHALL BE PERMANENTLY INSTALLED WITHOUT WRITTEN APPROVAL BY OWNER AND DBR OF THE PROPOSED LOCATIONS.
2. THE SELECTED INSTALLING CONTRACTOR MUST BE A CERTIFIED INTEGRATOR/ INSTALLER AUTHORIZED BY THE SPECIFIED SYSTEM MANUFACTURER TO INSTALL THE CABLE PLANT AND CONNECTIVITY PRODUCTS. REFER TO SPECIFICATIONS FOR PRODUCT TYPE AND DESCRIPTION.
3. SYSTEM WIRING AND EQUIPMENT INSTALLATION SHALL BE IN ACCORDANCE WITH GOOD ENGINEERING PRACTICES AS ESTABLISHED BY ANSI/TIA, BICSI, AND THE NEC.
4. ALL WIRING SHALL MEET ALL STATE AND LOCAL ELECTRICAL CODES.
5. ALL TELECOMMUNICATIONS SYSTEMS EQUIPMENT AND MOUNTING LOCATIONS SHALL BE IN COMPLIANCE WITH ADA ACCESSIBILITY STANDARDS.
6. INSTALLATION PROTOCOLS FOR ALL CATEGORY 6 DATA CABLING SHALL COMPLY WITH THE MOST CURRENT INDUSTRY STANDARDS.
7. ALL DATA CABLES ARE TO BE INSTALLED WITH A MINIMUM OF 12 INCHES OF SEPARATION FROM AC POWER CABLES, INTERCOM, FIRE ALARM, SECURITY CABLES IN ANY PARALLEL OPEN WIRE RUN.
8. ALWAYS CROSS OTHER SYSTEM CABLES AT A 90 DEGREE ANGLE.
9. ALL CABLES AND TERMINATION COMPONENTS SHALL BE MACHINE LABELED AT BOTH ENDS. LABEL ALL CABLES PER TECHNOLOGY DRAWINGS AND/OR SPECIFICATIONS. FINAL CABLE/OUTLET IDENTIFICATION LABELS SHALL BE COORDINATED WITH THE OWNER AND DBR.
10. CONTRACTOR TO PROVIDE LIGHTNING PROTECTION ON ALL COMMUNICATION CABLE BETWEEN BUILDINGS.
11. ALL EXPOSED CABLING ROUTED IN PLENUM SHALL BE PLENUM-RATED. ALL NON PLENUM-RATED CABLING INSTALLED IN PLENUM SPACES SHALL BE INSTALLED IN CONDUIT.
12. NO TERMINATION OR SPLICES SHALL BE INSTALLED IN OR ABOVE CEILINGS UNLESS NOTED NOTED OTHERWISE.
13. CONTRACTOR SHALL MAINTAIN WALL RATING WITH PROPER FIRE BLOCKING.
14. ALL CABLE INSTALLED SHALL ROUTE TO RING THE ROOM FROM LEFT TO RIGHT OF THE ROOM IN WHICH IT SERVES AND THEN TO THE OUTLET LOCATION IT IS INTENDED FOR. EACH CABLE SHALL HAVE A 10' SERVICE LOOP AT THE CENTER OF EACH ROOM AND A 3' SERVICE LOOP ABOVE EACH OUTLET LOCATION.
15. THE SYSTEM INSTALLER SHALL PROPERLY SUPPORT ALL INSTALLED SYSTEM CABLING FROM AN APPROVED CABLE SUPPORT SYSTEM AS DETAILED IN SPECIFICATIONS. NO CABLING SHALL BE ROUTED AND TIED DIRECTLY TO BUILDING STEEL, CEILING GRID SUPPORT, CONDUIT, PIPING, OR DUCTWORK. PANDUIT J-MOD SUPPORT SYSTEM SHALL BE DIRECTLY CONNECTED TO THE BUILDING'S STEEL JOIST. IN LOCATION WHERE THE BOTTOM OF THE JOIST IS MORE THAN 5' ABOVE THE CEILING, THE SYSTEM INSTALLER SHALL PROVIDE AND INSTALL THREADED ROD AND ALL REQUIRED MATERIALS TO CONNECT THE THREADED ROD TO THE BUILDING STEEL AND THE CABLE SUPPORT SYSTEM TO THE THREADED ROD. CABLE PATHWAY SHALL NOT BE HIGHER THAN 5' ABOVE THE CEILING AT ANY LOCATIONS.
16. CONTRACTOR TO PROVIDE AND INSTALL ALL REQUIRED CABLING AND COMPONENTS TO FURNISH TWO (2) CAT 6 CABLES FOR ANALOG TELEPHONE LINE(S) TO THE FIRE ALARM SYSTEM. CONTRACTOR TO COORDINATE WITH THE SYSTEM INSTALLER FOR EXACT LOCATIONS AND TERMINATION INSTRUCTIONS PRIOR TO INSTALLATION.
17. CONTRACTOR TO PROVIDE AND INSTALL ONE (1) CATEGORY 6 CABLE TO THE BUILDING'S ACCESS CONTROL HEAD END PANEL. TERMINATION OF THIS CABLE SHALL BE COORDINATED WITH THE SYSTEM INSTALLER.
18. CONTRACTOR TO PROVIDE AND INSTALL ONE (1) CATEGORY 6 CABLE TO THE BUILDING'S INTRUSION DETECTION PANEL. TERMINATION OF THIS CABLE SHALL BE COORDINATED WITH THE SYSTEM INSTALLER.
19. PROVIDE AND INSTALL ONE (1) CATEGORY 6 CABLE TO EACH LIGHTING CONTROL HUB IN THE PROJECT DESIGN. COORDINATE EXACT QUANTITY AND LOCATIONS WITH THE LIGHTING CONTROL SYSTEM INSTALLER. CONTRACTOR TO ASSUME A MINIMUM OF FIVE (5) LIGHTING CONTROL HUBS PER PROJECT.
20. CONTRACTOR TO PROVIDE AND INSTALL ONE (1) CATEGORY 6 DATA CABLE TO EACH PROJECTOR AND LCD ON THE ENTIRE PROJECT.
21. PROVIDE AND INSTALL ONE (1) CATEGORY 6 DATA CABLE TO THE LOCAL AIR UNIT CONTROLLER IN EACH MDF AND IDF.
22. PROVIDE AND INSTALL ONE (1) CATEGORY 6 DATA CABLE TO EACH ACCESS CONTROL VIDEO DOOR STATION ON THE ENTIRE PROJECT. COORDINATE EXACT LOCATION AND TERMINATION REQUIREMENTS WITH THE DOOR STATION INSTALLER, PRIOR TO INSTALLATION. 22.

# SECURITY GENERAL NOTES

1. THE SECURITY SYSTEM INSTALLERS SHALL BE RESPONSIBLE FOR CONNECTING ALL APPLICABLE SYSTEM EQUIPMENT TO THE OWNER'S NETWORK.
2. HE SYSTEM INSTALLER SHALL PROPERLY SUPPORT ALL INSTALLED SYSTEM CABLING FROM AN APPROVED CABLE SUPPORT SYSTEM AS DETAILED IN SPECIFICATIONS. NO CABLING SHALL BE ROUTED AND TIED DIRECTLY TO BUILDING STEEL, CEILING GRID SUPPORT, CONDUIT, PIPING, OR DUCTWORK. THE CABLE SUPPORT SYSTEM SHALL BE DIRECTLY CONNECTED TO THE BUILDING'S STEEL JOIST. AT LOCATIONS WHERE THE BOTTOM OF THE JOIST IS MORE THAN 5' ABOVE THE CEILING, THE SYSTEM INSTALLER SHALL PROVIDE AND INSTALL THREADED ROD AND ALL REQUIRED MATERIALS TO CONNECT THE THREADED ROD TO THE BUILDING STEEL AND THE CABLE SUPPORT SYSTEM TO THE THREADED ROD. CABLE PATHWAY SHALL NOT BE HIGHER THAN 5' ABOVE THE CEILING AT ANY LOCATIONS.
3. ECURITY CAM




## TECHNOLOGY KEYED NOTES

T2.1 APPROXIMATE LOCATION OF BUILDING JANITOR CLOSET WITH VERTICAL MOUNTED NETWORK ENCLOSURES.

T2.5 APPROXIMATE PATHWAY OF INTERNET SERVICE PROVIDER ENTRANCE. PROVIDE TWO (2) 4-INCH UNDERGROUND CONDUITS WITH 1800 LB TESTED PULL CORD IN EACH FOR COMMUNICATIONS SERVICES.

1 **TECHNOLOGY SITE PLAN**
1" = 30'-0"

BURDITT LandIPlace

310 Longmire Road
Conroe, TX 77304
Tel: 936.756.3041

105 N. Main Street,
Suite 123
Bryan, TX 77803
Tel: 979.977.5846

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**BID & PERMIT SET**

**12/10/2025**

SEAL:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
Adam Calisch
BICSI ID # 333200
EXPIRES 12-31-26
RCDD
12/10/2025

DBR
713.914.0888 p
https://www.dbrinc.com
Firm Registration No. 2234
DBR Project # 250286.000

| RA | AR | IO | JL/TN | AC/LG |
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CITY OF ANGLETON

# ABIGAIL ARIAS PARK

PROJECT NO.: | 1514.003

301 CEMETERY ROAD, ANGLETON, TEXAS 77515

DESIGNER | Designer
DRAWER | DBR
CHECKER | DBR

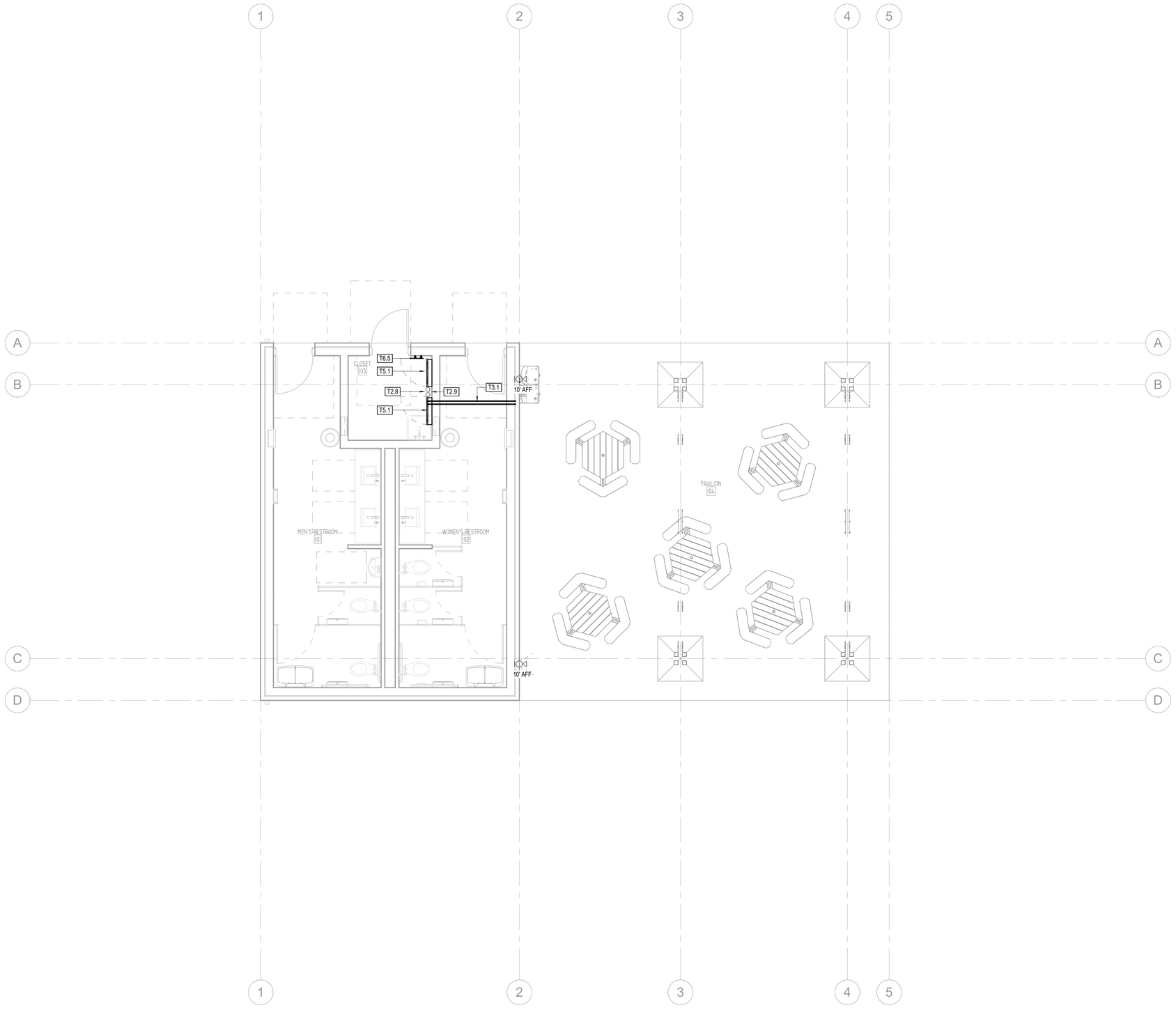
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**TECHNOLOGY SITE PLAN**

**T2.32**

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## 1 TECHNOLOGY PLAN LEVEL 1

1/4" = 1'-0"

## TECHNOLOGY KEYED NOTES

T2.8 PROVIDE TWO (2) 4-INCH UNDERGROUND CONDUITS WITH 1800 LB TESTED PULL CORD AND TWO (2) SETS OF 3-IN 3-CELL MAXCELL INNERDUCTS IN EACH FOR COMMUNICATIONS SERVICES.

T2.9 PROVIDE AND INSTALL 6" WIDE VERTICAL LADDER TRAY FROM TOP OF CONDUITS TO 9' AFF.

T3.1 PROVIDE TWO (2) 1-1/4" CONDUITS STUBBING UP IN CLOSET FROM 9' AFF INTO ACCESSIBLE CEILING SPACE. ROUTE CONDUIT UP TO DECK AND ACROSS TO BUILDING EXTERIOR.

T5.1 LOCATION OF OFOI SHALLOW DEPTH VERTICAL MOUNTING NETWORK ENCLOSURE TO BE MOUNTED ABOVE SINK IN JANITOR CLOSET.

T6.5 PROVIDE 4"W X 20"L PRIMARY BONDING BUSBAR (PBB). MOUNT AT 90" AFF.

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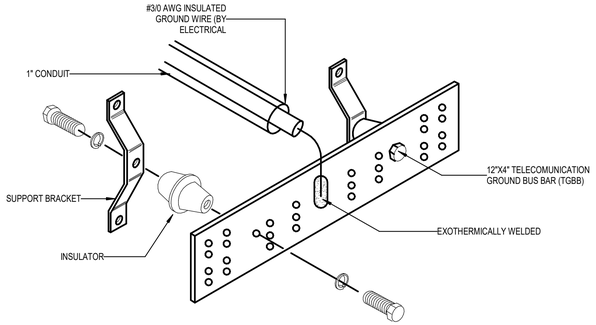
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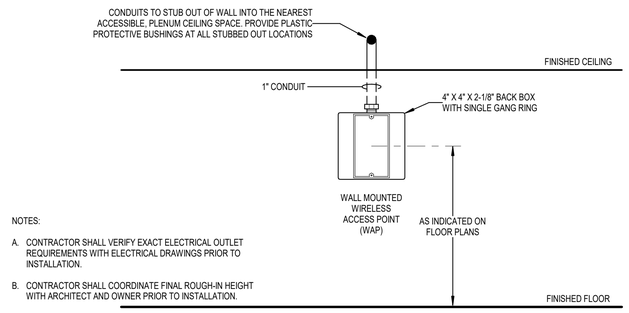
**TECHNOLOGY ENLARGED PLAN**

**T3.01**

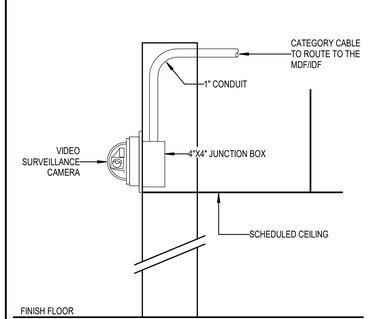
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1 TELECOMMUNICATIONS ROOM GROUNDING AND BONDING BUS BAR




2 WALL-MOUNTED WIRELESS ACCESS POINT




3 INTERIOR WALL-MOUNT CAMERA

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**TECHNOLOGY DETAILS**

**T6.01**

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