



Mayor Depreo
Councilmember Maher At-Large
Councilmember Finley Ward 1
Councilmember Liese Ward 2
Councilmember Cumberland Ward 3
Councilmember Clark Ward 4

AGENDA
REGULAR MEETING OF THE CITY COUNCIL
Wednesday, July 05, 2023
6:00 PM CST
Council Chambers, City Hall
and via teleconference, if necessary

Call to Order.

Invocation
Pledge of Allegiance
Roll Call
Confirm or Adjust Agenda Order

Presentation Agenda.

- a. The next Regular Meeting of the City Council will be held July 18, 2023 at 6:00 p.m. in Council Chambers located at City Hall.
- b. Gulf Regional Planning Commission - Redistricting

Council Comments.

City Manager's Report.

Public Comments on Agenda Items.

Policy Agenda.

Minutes:

1. Motion to approve the June 20, 2023 Regular Meeting Minutes.
2. Motion to approve the June 20, 2023 Recess Meeting Minutes.

Resolutions:

3. **2023-267:** Motion adopt Resolution 2023-026 to acquire by donation certain real property from the Diamondhead Country Club and Property Owners Association, Inc. for drainage and greenspace purposes.
4. **2023-270:** Motion to adopt Resolution **2023-027** to approve a text amendment in accordance with the Zoning Ordinance Article 2.8 (Amendment Rezoning Procedure). The proposed text amendment will make the following change to the Fence Ordinance Article 9.8 - General Requirements and Restrictions, Article 9.8.c, add "If fences, landscaping material, and other appurtenances installed by the property owner in the easement must be removed by the city to service the drainage system, the cost of removal and/or replacement shall be the responsibility of the property owner." to the end of the paragraph. The Case file Number is 202300274.

5. **2023-271:** Motion to adopt Resolution 2023-028 authorize application to the MS Department of Marine Resources FY25 Tidelands Fund in the amount of \$500,000 for Lily Pond Public Access Improvements.

Action Agenda.

6. **2023-268:** Motion to authorize planning and zoning to update Ordinance 10.4 - PERMITTED SIGN TYPES ESTABLISED, 10.4.10 Windows Signs.
7. **2023-269:** Motion to confirm the plan for the Twin Lakes Fishing Pier, Walking Trail, and the Dog Park and to direct the engineer to provide a cost estimate to enable the council to identify and approve funds for same prior to advertisement.

Routine Agenda.

Claims Payable

8. Motion to approve Docket of Claims DKT230839-DKT230865 in the amount of \$54,682.86.

Public Comments on Non-Agenda Items.

Executive Session - If Necessary

Adjourn/Recess.

NOTE: THE CITY OF DIAMONDHEAD WILL FURNISH APPROPRIATE AUXILIARY AIDS AND SERVICES WHERE NECESSARY TO AFFORD INDIVIDUALS WITH DISABILITIES AN EQUAL OPPORTUNITY TO SERVICES AND ACTIVITIES OF THE CITY. A WRITTEN REQUEST BY OR ON BEHALF OF QUALIFYING INDIVIDUALS SHALL BE SUBMITTED IN A TIMELY MANNER TO THE CITY CLERK.



MINUTES
REGULAR MEETING OF THE CITY COUNCIL
Tuesday, June 20, 2023
6:00 PM CST
Council Chambers, City Hall

Call to Order.

Mayor Depreo called the meeting to order at 6:00 p.m.

Invocation-Councilmember Clark

Pledge of Allegiance

Roll Call

PRESENT

Mayor Nancy Depreo

Councilmember-At-Large Gerard Maher

Ward 1 Shane Finley

Ward 2 Anna Liese - Via Teleconference

Ward 3 John Cumberland

Ward 4 Charles Clark

Confirm or Adjust Agenda Order

Motion made by Ward 1 Finley, Seconded by Ward 4 Clark to confirm the Agenda.

Voting Yea: Mayor Depreo, Councilmember-At-Large Maher, Ward 1 Finley, Ward 2 Liese, Ward 3 Cumberland, Ward 4 Clark

MOTION CARRIED UNANIMOUSLY

Presentation Agenda.

- a. The next Regular Meeting of the City Council will be held July 5, 2023 at 6:00 p.m. in Council Chambers located at City Hall.
- b. City Hall will be closed Tuesday, July 4, 2023 in observance of Independence Day.
- c. The City's July 4th celebration will be held on Saturday, July 1st from 5:30-10:00 p.m. located on the South Side at Harbor Circle. Fireworks Display will begin at 9:00 p.m.
- d. A Golf Cart Safety Training to be held June 30, 2023 at 5:30 p.m. in the Activity Center.

City Manager's Report.

1. Lily Pond and I-10 Pond – The city completed a punch-list walkthrough with the engineer and the contractor last week at Lily Pond. The I-10 pond dredging will continue until the end of the month. The end date for the contract is July 17th.
2. Park Ten Road – The city has advertised this project. A pre-construction meeting was held last week. Bids are due June 30th. I expect to have a recommendation before the council on July 5th.
3. Phase 4 paving – The paving project is currently demobilized. A time change order is on this agenda for your approval. This will extend the contract to a new end date of July 31st.
4. Diamondhead Drive Paving – Bids are due July 18th. After engineering review, I expect to have this on the August council meeting to award.
5. Montjoy Creek Kayak Launch – The engineer completed the survey last week to determine the final location of the walking path and kayak launch. This information will be provided to USACE for final permitting.
6. Noma Drive Boat Launch – Approval of Phase 1a, utilities, is on the agenda for approval. This will provide water, sewer and replace electrical service to the boat launch area. The bids received were ~\$40,000 below the OPC.
7. Makiki Drive – A work assignment for the City Engineer is on the agenda for developing the specifications to complete the project and provide oversight during construction.
8. Stormwater Projects – The state ARPA matching funds grant agreements are on the agenda for approval. These funds will be used to complete 12 to 14 drainage projects with the city.
9. Redistricting – At the July 5th agenda, a presentation will be made by GRPC regarding redistricting our election boundaries.

Ben Benvenuti, Covington Civil and Environmental, LLC discussed the Makiki Drive Project.

Public Comments on Agenda Items-None

Policy Agenda.

Minutes:

1. Motion to approve the June 6, 2023 Regular Meeting Minutes.

Motion made by Ward 1 Finley, Seconded by Ward 4 Clark to approve the June 6, 2023 Regular Meeting Minutes.

Voting Yea: Mayor Depreo, Councilmember-At-Large Maher, Ward 1 Finley, Ward 2 Liese, Ward 3 Cumberland, Ward 4 Clark

MOTION CARRIED UNANIMOUSLY

Tabled: 2023-202: Motion to authorize City Manager to advertise to bid the Twin Lakes Fishing Pier and Walking Trail Project as per completed construction plans dated August 2022 with entry building as Bid Alternate No. 1.

Motion made by Mayor Depreo, Seconded by Ward 1 Finley to move from the table motion to authorize City Manager to advertise to bid the Twin Lakes Fishing Pier and Walking Trail Project as per completed construction plans dated August 2022 with entry building as Bid Alternate No. 1.

Voting Yea: Mayor Depreo, Councilmember-At-Large Maher, Ward 1 Finley, Ward 2 Liese, Ward 3 Cumberland, Ward 4 Clark.

MOTION CARRIED UNANIMOUSLY

Motion made by Mayor Depreo, Seconded by Councilmember-At-Large Maher to authorize City Manager to advertise to bid the Twin Lakes Fishing Pier and Walking Trail Project as per completed construction plans dated August 2022 with entry building as Bid Alternate No. 1.

Voting Yea: Mayor Depreo, Councilmember-At-Large Maher, Ward 1 Finley

Voting No: Ward 2 Liese, Ward 3 Cumberland, Ward 4 Clark.

MOTION CARRIED

Resolutions:

- 2. 2023-251: Motion to adopt Resolution 2023-024 thereby acquiring by donation certain real property for drainage and/or green space from Piji White.

Motion made by Ward 1 Finley, Seconded by Councilmember-At-Large Maher to adopt Resolution 2023-024 thereby acquiring by donation certain real property for drainage and/or green space from Piji White.

Voting Yea: Mayor Depreo, Councilmember-At-Large Maher, Ward 1 Finley, Ward 2 Liese, Ward 3 Cumberland, Ward 4 Clark.

MOTION CARRIED UNANIMOUSLY

- 3. **PUBLIC HEARING - 2023-258:** Motion to adopt Resolution 2023-025 to adjudicate that the abandoned gooseneck trailer (VIN 5J2GS332XBE010639) and yellow JCB 214E backhoe (Vin SLP214TCXE0466041) at 6435 Kalipekona Way (parcel numbers 131A-1-03-053.000 thru 131A-1-03-057.000) are a menace to the public health, safety and general welfare of the community. Authorization to advertise for bids and/or obtain quotes to perform the necessary services to remove the trailer and backhoe from the property and assess the costs to said property and for other related **purposes**. Property owner is Bonnie F. Geerts.

Motion made by Ward 1 Finley, Seconded by Ward 4 Clark to adopt Resolution 2023-025 to adjudicate that the abandoned gooseneck trailer (VIN 5J2GS332XBE010639) and yellow JCB 214E backhoe (Vin SLP214TCXE0466041) at 6435 Kalipekona Way (parcel numbers 131A-1-03-053.000 thru 131A-1-03-057.000) are a menace to the public health, safety and general welfare of the community. Authorization to advertise for bids and/or obtain quotes to perform the necessary services to remove the trailer and backhoe from the property and assess the costs to said property and for other related **purposes**. Property owner is Bonnie F. Geerts.

Voting Yea: Mayor Depreo, Councilmember-At-Large Maher, Ward 1 Finley, Ward 2 Liese, Ward 3 Cumberland, Ward 4 Clark

MOTION CARRIED UNANIMOUSLY

Consent Agenda:

Motion made by Ward 1 Finley, Seconded by Ward 4 Clark to approve the following consent items:

4. **2023-249:** Motion to approve Pay Application Three (3) to JLB Contractors, Inc. in the amount of \$149,132.14 for Diamondhead Drive East and Lily Pond Dredging.
5. **2023-250:** Motion to approve payments in the amount of \$1,123.75 to Digital Engineering for Beaux Vue Phase 2 Drainage Improvements and \$15,000.00 for the Bond Paving Project.
6. **2023-252:** Motion to approve payments to Pickering Firm, Inc. in the amount of \$5,065.00 for Lily Pond Dredging.
7. **2023-253:** Motion to declare surplus the following three(3) Diamondhead Police Units - 2014 Ford Explorer Vin#1FM5K8AR1EGA14642, 2014 Ford Explorer VIN#1FM58AR2EG25538 and 2016 Ford Explorer VIN#1FM5K8ARGGA97109, establish the value of \$1.00 and proceed with sale of same to Hancock County.
8. **2023-254:** Motion to enter into a new commercial lease agreement for the Noma Drive Ballfield property with Diamondhead Country Club & Property Owners Association Inc. for ten (10) years and for additional one (1) year terms thereafter in the sum of One Dollar (\$1.00) per year.
9. **2023-256:** Motion to approve payment in the amount of \$5,607.50 to Covington Civil & Environmental, LLC for Site Development Reviews, in the amount of \$7,000.00 for Standard Specifications and Drawings, in the amount of \$20,323.80 for Commercial District Transformation Project and in the amount of \$42,285.00 for Commercial District Noma Drive Improvements.
10. **2023-257:** Motion to approve Change Order No. 3 for sixty (31) additional days to the contract with Huey P. Stockstill, LLC. for the Roadway Improvements Phase 4 with no change to contract price.
11. **2023-259:** Motion to approve amendment to work assignment with Covington Civil and Environmental, LLC for the commercial transformation project to include roadway improvements on Noma Drive from Diamondhead Circle until the end of Noma Drive in the amount of \$19,500.00 for a total engineering cost of \$829,200.00.
12. **2023-260:** Motion to approve repayment of interfund loan and transfer of fund in the amount of \$155,455.60 from reserve to close Fund 117 East Aloha Improvements Project and to transfer local grant match in the amount of \$300,000 from General Fund to Fund 163 GCRF22-05 Commercial District Transformation.
13. **2023-261:** Motion to approve Budget Amendment 2023-010.
14. **2023-262:** Motion to approve to enter in agreement with Adela, Inc. for delinquent account collections for a initial term of 3 years with auto renewals.
15. **2023-263:** Motion to approve to ARPA Agreements (State Match).
16. **2023-264:** Motion to approve Work Assignment under the Master Service Agreement with Covington Civil and Environmental, LLC in the amount not to exceed \$23,000.00 for Makiki Drive Project Support.

- 17. **2023-265:** Motion to approve to advertise for bids for Noma Drive Paving.
- 18. **2023-266:** Motion to accept and award low bid received from Bottom 2 Top Construction, LLC. in the amount of \$345,964.22 for the Noma Drive Waterfront Site, Utility and Drainage Improvements, authorize the City Manager to execute the contract for same and to issue the notice to proceed as appropriate.

Voting Yea: Mayor Depreo, Councilmember-At-Large Maher, Ward 1 Finley, Ward 2 Liese, Ward 3 Cumberland, Ward 4 Clark

MOTION CARRIED UNANIMOUSLY

Routine Agenda.

Claims Payable

- 19. Motion to approve Docket of Claims (DKT230799-DKT230838) in the amount of \$545,400.62.

Motion made by Ward 1 Finley, Seconded by Ward 4 Clark to approve Docket of Claims (DKT230799-DKT230838) in the amount of \$545,400.62.

Voting Yea: Mayor Depreo, Councilmember-At-Large Maher, Ward 1 Finley, Ward 2 Liese, Ward 3 Cumberland, Ward 4 Clark

MOTION CARRIED UNANIMOUSLY

- 20. Motion to approve Payroll Payables DKT230789-DKT230798 in the amount of \$52,183.57, PKPKT01364 in the amount of \$2,523.58, PYPKT01365 in the amount of \$26,860.60, PYPKT01371 in the amount of \$30,994.19 and PYPKT01374 in the amount of \$30,484.97.

Motion made by Ward 4 Clark, Seconded by Councilmember-At-Large Maher to approve Payroll Payables DKT230789-DKT230798 in the amount of \$52,183.57, PKPKT01364 in the amount of \$2,523.58, PYPKT01365 in the amount of \$26,860.60, PYPKT01371 in the amount of \$30,994.19 and PYPKT01374 in the amount of \$30,484.97.

Voting Yea: Mayor Depreo, Councilmember-At-Large Maher, Ward 1 Finley, Ward 2 Liese, Ward 3 Cumberland, Ward 4 Clark

MOTION CARRIED UNANIMOUSLY

Department Reports

- a. May 2023 Financials
- b. Building

Court

Police

Motion made by Ward 3 Cumberland, Seconded by Ward 4 Clark to approve May 2023 Financials and Department Reports.

Voting Yea: Mayor Depreo, Councilmember-At-Large Maher, Ward 1 Finley, Ward 2 Liese, Ward 3 Cumberland, Ward 4 Clark

MOTION CARRIED UNANIMOUSLY

Public Comments on Non-Agenda Items - None

Adjourn/Recess.

At 6:48 p.m. with no further business to come before the council, motion made by Councilmember Ward 1 Finley, Seconded by Councilmember Ward 4 Clark to recess until Tuesday, July 5, 2023 at 5:00 p.m.

Voting Yea: Mayor Depreo, Councilmember-At-Large Maher, Ward 1 Finley, Ward 2 Liese, Ward 3 Cumberland, Ward 4 Clark

MOTION CARRIED UNANIMOUSLY

Nancy Depreo
Mayor

Jeannie Klein
City Clerk



MINUTES
RECESS MEETING OF THE CITY COUNCIL
Tuesday, June 20, 2023
5:00 PM CST
Council Chambers, City Hall

Call to Order.

At 5:00 p.m. Mayor Depreo called the meeting to order.

Roll Call

PRESENT

- Mayor Nancy Depreo
- Councilmember-At-Large Gerard Maher
- Ward 1 Shane Finley
- Ward 2 Anna Liese - Via Teleconference
- Ward 3 John Cumberland
- Ward 4 Charles Clark

Confirm or Adjust Agenda Order

Motion made by Ward 3 Cumberland, Seconded by Ward 4 Clark to confirm the agenda.

Voting Yea: Mayor Depreo, Councilmember-At-Large Maher, Ward 1 Finley, Ward 2 Liese, Ward 3 Cumberland, Ward 4 Clark

MOTION CARRIED UNANIMOUSLY

City Manager, John McCraw, presented the council with the preliminary FY24 General Fund Budget. He explained differences in anticipated revenue and expenditures comparing both to the current fiscal year.

Adjourn/Recess.

At 5:56 p.m. with no further business to come before the Council, motion made by Councilmember-At-Large Maher, Seconded by Ward 4 Clark.

Voting Yea: Mayor Depreo, Councilmember-At-Large Maher, Ward 1 Finley, Ward 2 Liese, Ward 3 Cumberland, Ward 4 Clark

MOTION CARRIED UNANIMOUSLY

Nancy Depreo
Mayor

Jeannie Klein
City Clerk

PREPARED BY & RETURN TO:
DEREK R. CUSICK (MS BAR#10653)
CUSICK & WILLIAMS, PLLC
Post Office Box 4008
GULFPORT, MS 39502
(228) 206-3819

INDEXING INSTRUCTIONS:

LOT 3, BLK 21, UNIT 10,
DIAMONDHEAD PH 2, CITY OF
DIAMONDHEAD, HANCOCK
COUNTY, MISSISSIPPI

GRANTOR'S ADDRESS:
Diamondhead Country Club and Property
Owners Association, Inc.
7610 Country Club Drive
Diamondhead, MS 39525
(228) 255-1900

GRANTEE'S ADDRESS:
CITY OF DIAMONDHEAD, MS
5000 DIAMONDHEAD CIRCLE
DIAMONDHEAD MS 39525
(228) 222-4626

STATE OF MISSISSIPPI

COUNTY OF HANCOCK

DEED OF DEDICATION

This DEED OF DEDICATION ("Deed") is made this ___ day of _____, 2023, by and between DIAMONDHEAD COUNTRY CLUB AND PROPERTY OWNERS ASSOCIATION, INC., GRANTOR, and THE CITY OF DIAMONDHEAD, a municipality created and existing under the State of Mississippi ("City"), GRANTEE.

****WITNESSETH****

WHEREAS, DIAMONDHEAD COUNTRY CLUB AND PROPERTY OWNERS ASSOCIATION, INC. wishes to dedicate, grant and convey the following property to the City and be relieved of the cost and responsibilities associated with maintaining same; and

WHEREAS, the City wishes to acquire the property and assume the cost and responsibilities for maintaining same; and

WHEREAS, on _____, the Diamondhead City Council passed a resolution and order accepting the dedication of the property conveyed herein and agreeing to the terms contained herein, copy of which is attached hereto as Exhibit "A"; and

NOW, THEREFORE, in consideration of the recitals and the mutual benefits, covenants and terms herein contained, and for other good and valuable consideration, the receipt of which is hereby acknowledged, DIAMONDHEAD COUNTRY CLUB AND PROPERTY OWNERS ASSOCIATION, INC. hereby dedicates, grants, conveys, covenants and agrees as follows:

DEDICATION OF ONE UNDEVELOPED LOT

For and in consideration of the City accepting the property and maintaining the property as greenspace, DIAMONDHEAD COUNTRY CLUB AND PROPERTY OWNERS ASSOCIATION, INC., being the sole owner of, and the only party having any interest in, the property, does hereby dedicate, grant and convey unto the City, its successors and assigns, in fee simple, for the use of the general public as a greenspace and for drainage, the property described herein below and improvements thereon and appurtenances thereto, if any. This dedication of the property is made without warranties of any kind.

The City specifically accepts the dedication of the property without warranty and subject to the following conditions:

The conveyance herein is made subject to such valid mineral reservations and/or conveyances, if any, as may have been heretofore made on the property, or filed in the land records of the Office of the Chancery Clerk of Hancock County, Mississippi.

The conveyance herein is made subject to any and all easements located on, over and across the property, or filed in the land records of the Office of the Chancery Clerk of Hancock County, Mississippi.

The conveyance herein is made subject to any and all rights-of-way and/or easements for public utilities in, on and under the property.

The conveyance herein is made subject to the City maintaining the property as greenspace and for drainage and said property is not to be developed.

Legal Description of the Undeveloped Lot:

Lot 3, Block 21, Unit 10, Diamondhead, Phase 2, Hancock County, Mississippi, according to the official map or plat thereof on file and of record in the office of the Chancery Clerk of Hancock County, at Bay St. Louis, Mississippi.

Together with all improvements situated thereon, and the perpetual right of ingress and egress over and upon all streets, roads, avenues and boulevards shown on said subdivision plat.

Parcel Number: 068R-2-41-132.00

IT IS FURTHER UNDERSTOOD AND AGREED that this instrument constitutes the entire agreement between Grantor and Grantee, there being no other oral agreements or representations of any kind or nature whatsoever.

EXECUTED, this the ____ day of _____, 2023.

GRANTOR:

DIAMONDHEAD COUNTRY CLUB AND PROPERTY OWNERS ASSOCIATION, INC.

By: _____
Ernie Knobloch, President

STATE OF MISSISSIPPI

COUNTY OF HANCOCK

Personally appeared before me, the undersigned Notary Public, the within named Ernie Knobloch, President of DIAMONDHEAD COUNTRY CLUB AND PROPERTY OWNERS ASSOCIATION, INC., who acknowledged that he signed and delivered this instrument on the day and year herein mentioned, after first having been duly authorized to do so.

GIVEN UNDER MY HAND AND SEAL this the ____ day of _____, 2023.

NOTARY PUBLIC

My Commission Expires:

GRANTEE:

CITY OF DIAMONDHEAD, MISSISSIPPI

BY: _____
NANCY DEPREO, MAYOR

STATE OF MISSISSIPPI

COUNTY OF HANCOCK

Personally appeared before me, the undersigned Notary Public, the within named NANCY DEPREO, who acknowledged that she is Mayor of the City of Diamondhead, Mississippi, and that in said representative capacity she signed and delivered this instrument on the day and year herein mentioned, after first having been duly authorized to do so.

GIVEN UNDER MY HAND AND SEAL this the ____ day of _____, 2023.

NOTARY PUBLIC

My Commission Expires:

Resolution # 2023- 026

RESOLUTION AUTHORIZING THE MAYOR AND CITY COUNCIL (THE "GOVERNING BODY") OF THE CITY OF DIAMONDHEAD, MISSISSIPPI (THE "CITY"), TO ACQUIRE, BY DONATION FROM DIAMONDHEAD COUNTRY CLUB AND PROPERTY OWNERS ASSOCIATION, INC., CERTAIN REAL PROPERTY LOCATED WITHIN THE CITY FOR DRAINAGE AND GREENSPACE PURPOSES

WHEREAS, the Mayor and City Council (the "Governing Body") of the City of Diamondhead, Mississippi (the "City"), acting for and on behalf of the City, hereby finds and determines as follows:

- 1. The City is in need of acquiring certain real property for drainage and greenspace purposes that is currently owned by Diamondhead Country Club and Property Owners Association, Inc.
- 2. The City is authorized to acquire real property pursuant to Miss. Code Ann. §21-17-1.
- 3. Diamondhead Country Club and Property Owners Association, Inc. has expressed a willingness to donate the property legally described in the Deed of Dedication and attached hereto as Exhibit "A" to this resolution.
- 4. The City is willing to accept the donation of the aforementioned property.

NOW, THEREFORE, BE IT RESOLVED BY THE GOVERNING BODY OF THE CITY, AS FOLLOWS:

SECTION 1. That the Governing Body of the City will accept the donation of the aforementioned property.

SECTION 2. That the Governing Body of the City does hereby authorize the City Attorney to prepare any and all documentation related to the acquisition of the aforementioned property by donation, for the City Manager to execute any necessary documentation to effectuate the donation of the subject property and, for the Mayor to execute the Dedication Deed on behalf of the City attached collectively hereto as Exhibit "A."

The above and foregoing resolution, after having been first reduced to writing, was introduced by Councilmember _____, seconded by Councilmember _____ and the question being put to a roll call vote, the result was as follows:

	Aye	Nay	Absent
Councilmember Finley	___	___	___
Councilmember Liese	___	___	___
Councilmember Cumberland	___	___	___
Councilmember Clark	___	___	___
Councilmember Maher	___	___	___
Mayor Depreo	___	___	___

The motion having received the affirmative vote of a majority of all of the members of the Governing Body, the Mayor declared the motion carried and the resolution adopted, this the ____ day of _____, 2023.

MAYOR

ATTEST:

CITY CLERK

(SEAL)



TO: City Council and City Manager

FROM: J. Pat Rich, Development Coordinator *J. Pat Rich*

DATE: June 28, 2023

SUBJECT: Recommendation from Planning Commission Text Amendment Fence Ordinance

The City of Diamondhead has filed an application requesting a text amendment to clarify the responsibility of the homeowner in situations where fences that are placed in the easement must be removed to gain access to the easement. The proposed text amendment is to add “If fences, landscaping material, and other appurtenances installed by the property owner in the easement must be removed by the city to service the drainage system, the cost of removal and/or replacement shall be the responsibility of the property owner.” at the end of 9.8.C. The Case File Number is 202300274.

At its meeting on June 27, 2023, the Planning Commission voted 4-0 to recommend approving the Text Amendment.



Commissioner Bennett
 Commissioner B
 Commissioner D Item No.4.
 Commissioner Flowers
 Commissioner Harwood
 Commissioner Layel
 Commissioner Nicaud

AGENDA

PLANNING AND ZONING COMMISSION

Tuesday, June 27, 2023

6:00 PM CST

Council Chambers, City Hall
 and via teleconference, if necessary

Call to Order

Statement of Purpose

1. May our decisions today be made with wisdom, careful deliberation and in the best interest of the City of Diamondhead. May we display patience and kindness in our dealings with each other and all who are in attendance and may any decisions made today promote the health, safety and welfare of the citizens of Diamondhead and the enhancement of the City as a whole.

Pledge of Allegiance

Roll Call

Confirmation or Adjustments to Agenda

Approval of Minutes

2. Approval of May 23, 2023 minutes.

New Business

*Approved
H.B*

3. Public hearing on a proposed Text Amendment to the Fence Ordinance Article 9.8 – General Requirements and Restrictions. The proposed text amendment is to add “If fences, landscaping material, and other appurtenances installed by the property owner in the easement must be removed by the city to service the drainage system, the cost of removal and/or replacement shall be the responsibility of the property owner.” at the end of 9.8.C. The Case File Number is 202300274.
4. **Public Hearing** concerning the draft to revise Article 11 - Tree Ordinance. Presentation of draft for discussion and comments prior to offering a final recommendation for the revisions to the Tree Ordinance.

Unfinished Business

Open Public Comments to Non-Agenda Items

Commissioners' Comments

Communication / Announcements

5. The next City Council meeting is Wednesday, July 5, 2023.
 The next Planning Meeting is Tuesday, July 25, 2023.

The fee for each permit shall be established by the City of Diamondhead.

9.8. - GENERAL REQUIREMENTS AND RESTRICTIONS.

- A. Fences constructed on any lot, and specifically corner lots, will be subject to, and shall conform to the visibility range requirements contained in Section 5.4.3 Traffic Visibility across Corners of this ordinance. An additional clear zone may be required by the Zoning Administrator.
- B. No fence, guy wire, brace or post shall be constructed upon or extend over property that the City has control over, owns or has an easement over or under, except upon:
 - i. Underground drainage easements that contain non-pressurized storm sewer pipes if written permission is granted by all users.
 - ii. Underground sanitary sewer easements that contain non-pressurized pipes if written permission is granted by all users.
 - iii. Utility easements if written permission is granted by all users.
- C. No drainage easement, public or private, shall be fenced or obstructed in any manner, without prior written permission by all users. A gate shall be constructed in a fence along easements to allow ingress and egress for maintenance. If fences, landscaping material, and other appurtenances installed by the property owner in the easement must be removed by the city to service the drainage system, the cost of removal and/or replacement shall be the responsibility of the property owner.
- D. No fence shall exceed six (6) feet in height measured from the finished grade of the lot or property upon which the fence is being erected except as otherwise provided for in this Article. Moveable screening devices utilized to comply with the parking or storage regulations of this ordinance shall not be considered a fence for the purpose of these height restrictions.
- E. No fence erected within the City limits shall be electrically charged in any manner, without prior written permission by the City Council.
- F. No fence shall be constructed of barbed wire or other sharp, pointed material except on property utilized for agricultural purposes and is five acres or greater in size, or except as provided for in Subsection (H) of this Section.
- G. All fences shall have a minimum of one gate for emergency ingress and egress. The minimum width of such gate shall be three feet. A driveway approach shall be required for all vehicle gates.
- H. In C-1, C-2, T, and I zoning districts, fences shall not exceed six (6) feet in height, unless otherwise permitted by this ordinance, and may be constructed with angle arms at the top and such angle arms may be armed with barbed wire. Such arms shall not extend over public property, city, county, or state rights-of-way, easements or adjacent private property. Any property that requires a screening device shall conform to the general development ordinance. In the Public Facilities and Recreation (PFR) zoning district, fences shall not exceed six (6) feet in height unless otherwise permitted by the Zoning Administrator to meet the recreational needs and standards and for public safety concerns in parks which chain link may be utilized as the fence material.
- I. Construction material may be wood, vinyl, masonry, or other approved material except in the case where a screening device is required; in all such cases the City Zoning Ordinance requirements shall prevail. Chain-link shall not be used in areas that are zoned residential.
 - i. The finished side of the fence shall display toward the outside of the lot being fenced.
 - ii. All exposed structural members and cross bracing shall display internally on the lot being fenced.
- J. No fence shall be constructed in the required front yard building setback area of R-1, R-2, R-3, R-4, MH, C-1, C-2, T, I, PR, or PFR zoning districts. In the situation of a corner lot, each street-side frontage shall be considered as a front yard. In the case of the primary structure being set back further than the required front yard setback, no fence shall be constructed closer to the street than the building façade.

**NOTICE OF PUBLIC HEARING
PLANNING AND ZONING COMMISSION
DIAMONDHEAD, MS**

The City of Diamondhead will hold a public hearing on a proposed Text Amendment to the Fence Ordinance Article 9.8 – General Requirements and Restrictions. The proposed text amendment is to add “If fences, landscaping material, and other appurtenances installed by the property owner in the easement must be removed by the city to service the drainage system, the cost of removal and/or replacement shall be the responsibility of the property owner.” at the end of 9.8.C. The Case File Number is 202300274.

In accordance with Article 2.8.2, the City Council shall have jurisdiction with respect to all Text Amendments and Rezoning. The Planning Commission shall review and submit a recommendation to the City Council on Text Amendments and Rezoning.

The Planning and Zoning Commission will consider this application at its next regularly scheduled meeting on **Tuesday, June 27, 2023, at 6:00 p.m.** The public hearing will be held at Diamondhead City Hall in the Council Chambers at 5000 Diamondhead Circle in Diamondhead, MS 39525. Interested members of the public are invited to attend. This meeting will also be live streamed for your convenience.

If you have any questions or comments or would like to review the application, you may contact the Building Department at the above address and/or at 228-222-4626.

A TEXT AMENDMENT TO THE ZONING ORDINANCE AMENDING
Article V – General Regulations

A resolution of the Mayor and City Council of the City of Diamondhead amending Ordinance No. 2012-019 Article 5 - General Regulations, Article 5.6.4 - Ownership

WHEREAS, the current language is as follows: **Article 9.8.C - General Requirements and Restrictions.** No drainage easement, public or private, shall be fenced or obstructed in any manner, without prior written permission by all users. A gate shall be constructed in a fence along easements to allow ingress and egress for maintenance.

WHEREAS, the proposed text amendment is as follows: **Article 9.8.C - General Requirements and Restrictions.** No drainage easement, public or private, shall be fenced or obstructed in any manner, without prior written permission by all users. A gate shall be constructed in a fence along easements to allow ingress and egress for maintenance. If fences, landscaping material, and other appurtenances installed by the property owner in the easement must be removed by the city to service the drainage system, the cost of removal and/or replacement shall be the responsibility of the property owner.

NOW, THEREFORE BE IT RESOLVED BY THE GOVERNING BODY OF THE CITY, that the City Council adopted the proposed text amendment as stated above.

I HEREBY CERTIFY THAT THE ABOVE AND FOREGOING RESOLUTION WAS ADOPTED IN THE AFFIRMATIVE BY THE FOLLOWING VOTE OF COUNCIL OF THE CITY OF DIAMONDHEAD ON THE 5TH DAY OF JULY 2023.

	Aye	Nay	Absent
Councilmember Finley	_____	_____	_____
Councilmember Liese	_____	_____	_____
Councilmember Cumberland	_____	_____	_____
Councilmember Clark	_____	_____	_____
Councilmember Maher	_____	_____	_____
Mayor Depreo	_____	_____	_____

MAYOR NANCY DEPREO

ATTEST: _____
Jeannie Klein, City Clerk



MISSISSIPPI TIDELANDS TRUST FUND PROGRAM

Request for Funding FY2025

Public Access Managed Project

Official Use Only

Project Number: _____
Average Merit Score: _____
Requesting Agency: _____

PROJECT SUMMARY

1. Title of Project: *red outlines indicate required fields*

Lily Pond Public Access Improvements

2. Location of Project:

Diamondhead Drive N, Diamondhead, MS

3. Requesting Agency

City of Diamondhead

3.a Select your Office (DMR Applicants Only)

4. Requesting Agency Representative:

a. Name: Jon McCraw

b. Phone: (228) 222-5120

c. Fax: (228) 222-4390

d. Address: 5000 Diamondhead Circle, Diamondhead, MS 39525

e. Email: jmccraw@diamondhead.ms.gov

5. Project Manager:

a. Name: Jason Chiniche

b. Phone: (228) 467-6755

c. Fax: NA

d. Address: 407 HWY 90, Bay Saint Louis, MS 39520

e. Email: jason@jjc-eng.com

6. Funding Requested:

\$ 500,000.00

6a. Requested Funding for Required Match:

6b. Amount Above Matching Funds:

7. Matching Funds:

8. Source of Matching Funds:

9. Total Project Funds

\$ 500,000.00

Joint Project Information

Is this a Joint Project?

Yes No

If yes, enter the agency:

Other Agency's Contact:



MISSISSIPPI TIDELANDS TRUST FUND PROGRAM Request for Funding FY2025

PROJECT SUMMARY

10. Provide Brief Project Description/Overview:

The City of Diamondhead would like to improve public access to Lily Pond and Montjoy Creek by adding a pathway from the pond to Montjoy Creek. In addition, the City would like to add an ADA accessible pier with a fishing platform, parking and shade structures for residents and visitors of Diamondhead to utilize. Diamondhead also plans to landscape the pond with its native species and aerate the pond with a mechanical water feature.

11. LIST Project Goals/Objectives:

- Increase public access to Lily Pond
- Increase access to Montjoy Creek
- Support the growth of the native habitat in Lily Pond

12. LIST Project Benefits:

- Support communities and businesses through ecotourism
- Enhance property values of the communities by connecting them to open space areas
- Allowing passive recreational use
- Reduce medical costs by encouraging exercise and other healthy outdoor activities
- It will make the city a more attractive place to live and provide additional public access to the local marine environment
- An ADA compliant pathway allows everyone the chance to enjoy the trails
- Support natural habitat in Lilly Pond



ENHANCE • PROTECT • CONSERVE

MISSISSIPPI TIDELANDS TRUST FUND PROGRAM Request for Funding FY2025

PROJECT SUMMARY

13. LIST Project Tasks:

- 1.Preliminary Design
- 2.Conceptual Layout
- 3.Permitting
- 4.Construction
- 5.Closeout

14. Project Timetable/Milestones:

- Preliminary Design - 1 months
- Conceptual Layout - 1 months
- Permitting- 3 months
- Construction - 6 months
- Closeout -1 month

15. If this project has been funded previously through Tidelands Trust Fund indicate which fiscal years: (type N/A if not applicable)

N/A

16. Project Timing:

- Short-term (3 years or less) Deferred/long-term (3 – 5 years)



MISSISSIPPI TIDELANDS TRUST FUND PROGRAM Request for Funding FY2025

APPLICATION SUMMARY QUESTIONNAIRE

17. Is this a Multi-Phase Project? Yes No

18. Is any part of this project located on private property? Yes No

19. Is there an existing lease between the requesting agency and property owner? Yes No

20. If required, are the plans approved by the DMR Permitting Office? Yes No

21. Will this project enhance an existing water-dependent activity? Yes No

Identify the activity:

Ecotourism and fishing

22. Does this project coordinate with other existing or planned projects? Yes No

Identify the project(s):

Montjoy Creek Nature Trail

23. Will this project involve impacting, filling, or dredging coastal wetlands? Yes No

If yes, what acreage:

24. Identify the constituency or interest group(s) which this project will serve:

Local residents, tourists, anglers, nature enthusiasts, walkers, birders, ecotourists

25. Identify the service that this project will provide to the group(s) identified in 24:

The improvements to Lily Pond provide a new form of access for these interest groups to this nature spot.



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MISSISSIPPI TIDELANDS TRUST FUND PROGRAM Request for Funding FY2025

APPLICATION SUMMARY QUESTIONNAIRE

26. Project Category:

(more than one may apply)

- Conservation
- Reclamation
- Preservation
- Acquisition
- Education
- Public Access
- Public Improvement
- Other (Identify)

27. Current status of architectural/ engineering plans & specifications for this project (if applicable): (check one from each group)

- Group 1:
- Completed
 - In Progress
 - Ready to Bid
 - Other (identify)

Planning

- Group 2:
- Paid for
 - Funds budgeted
 - Funds not budgeted

28. Categorize the benefits from 12:

- Environmental
- Economic
- Safety
- Public
- Other (identify)

29. Have other State or Federal funding sources been identified for the project?

- Yes
- No

If yes, identify:

30. In what way does this project meet the goals and objectives of the Department of Marine Resources and the Secretary of State's Office, which include enhancing, protecting, conserving and providing public access to tidelands affected areas?

This project meets the goals and objectives of the DMR and SOS by enhancing, protecting and providing public access to tidelands affected areas for local residents, tourists, and nature enthusiasts.



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MISSISSIPPI TIDELANDS TRUST FUND PROGRAM

Request for Funding FY2025

APPLICATION SUMMARY

31. Summarize, in paragraph form, your Tidelands Application below. Give additional detail from TTF-1 Section 7 and include how the project will meet the requirements of the Public Trust Tidelands Act and the potential benefits that would be derived from receipt of Tidelands Trust Funds.

The City of Diamondhead would like to improve public access to Lily Pond by adding a pathway from Montjoy Creek to the pond, allowing visitors or residents of Diamondhead to enjoy the outdoors without disrupting the environment. Providing this type of access supports the community and local businesses through ecotourism. The addition of an ADA accessible pier with a fishing platform, parking and shade structures provides a recreational area in nature for local residents, tourists, anglers, nature enthusiasts, walkers, and birders for generations to come. Landscaping the pond with its native species and aerating the pond with a water feature will help the existing habitat in the pond thrive. The proposed project is centered around inclusive access to nature and supporting the habitat that exists in Lily Pond.



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MISSISSIPPI TIDELANDS TRUST FUND PROGRAM Request for Funding FY2025

APPLICATION SUMMARY

32. Estimated number of years to completion:

33. Estimated Completion Date:

34. Prioritize if your agency has submitted multiple projects

35. SIGNATURES

Project Manager:

Signature	Date

Requesting Agency Representative:

Signature	Date

36. Attach project schematics or drawings as appropriate

*Progress notes must be submitted semi-annually on Public Access projects and DMR projects, and quarterly on Managed projects.

CLICK TO SUBMIT FORM TO tidelandsapp@dmr.ms.gov



****Before submitting application, please make sure to complete the Budget form on page 8.**



MISSISSIPPI TIDELANDS TRUST FUND PROGRAM Request for Funding FY2025

BUDGET

Category	Year 1	Year 2	Year 3	Year 4	Year 5	Total
Salaries, wages, Fringe						\$ 0.00
Travel						\$ 0.00
Architecture & Engineering	50000					\$ 50,000.00
Legal						\$ 0.00
Consulting						\$ 0.00
Construction	450000					\$ 450,000.00
Site Work						\$ 0.00
Equipment						\$ 0.00
Land Acquisition						\$ 0.00
Indirects						\$ 0.00
Other						\$ 0.00
Total	\$ 500,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 500,000.00

Funding Sources	Year 1	Year 2	Year 3	Year 4	Year 5	Total
*Tidelands Funding Reallocated (Project #: _____, Year _____)						\$ 0.00
**Tidelands Funding Awarded						\$ 0.00
***Federal Grants Funding						\$ 0.00
***FEMA Funding						\$ 0.00
***MEMA Funding						\$ 0.00
***CDBG Funding						\$ 0.00
***In-Kind Donations						\$ 0.00
***Other						\$ 0.00
Total	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00

Instructions:

1. If project will be completed in one year, complete only the "Year 1" budget column.
2. If project will be completed in two years, complete "Year 1" and "Year 2" columns.
3. Follow the same process as above for "Year 3", "Year 4", and "Year 5", if project will not be completed for 5 years.
4. *This should be completed only if you plan to reallocate existing funds to this project.
5. **This should only be completed if you were awarded funds in previous Tidelands year for other phases of this same project.
6. ***Refer only to matching funds secured for this project.



MISSISSIPPI TIDELANDS TRUST FUND PROGRAM

Request for Funding FY2025

LEGISLATIVE SUMMARY

1. Title of Project:

Lily Pond Public Access Improvements

2. Location of Project:

Diamondhead Drive N, Diamondhead, MS

3. Requesting Agency:

City of Diamondhead

6. Funding Requested:

\$ 500,000.00

7. Matching Funds:

8. Source of Matching Funds:

9. Total Project Funds:

\$ 500,000.00

10. Summarize, in paragraph form, your Tidelands Application below. Give additional detail from TTF-1 Section 7 and include how the project will meet the requirements of the Public Trust Tidelands Act and the potential benefits that would be derived from receipt of Tidelands Trust Funds.

The City of Diamondhead would like to improve public access to Lily Pond by adding a pathway from Montjoy Creek to the pond, allowing visitors or residents of Diamondhead to enjoy the outdoors without disrupting the environment. Providing this type of access supports the community and local businesses through ecotourism. The addition of an ADA accessible pier with a fishing platform, parking and shade structures provides a recreational area in nature for local residents, tourists, anglers, nature enthusiasts, walkers, and birders for generations to come. Landscaping the pond with its native species and aerating the pond with a water feature will help the existing habitat in the pond thrive. The proposed project is centered around inclusive access to nature and supporting the habitat that exists in Lily Pond.

RESOLUTION AUTHORIZING REQUEST TO THE DEPARTMENT OF MARINE RESOURCES FOR MISSISSIPPI TIDELANDS TRUST FUND FUNDING TO BE UTILIZED FOR LILY POND PUBLIC ACCESS IMPROVEMENTS.

WHEREAS, the City is eligible to receive funding under the Mississippi Tidelands Trust Funds; and

WHEREAS, the Mississippi Department of Marine Resources (the “MDMR”) is the administrator of the Mississippi Tidelands Trust Funds program, and is currently accepting grant application for FY25 Tidelands Funding; and

WHEREAS, it is in the best interest and betterment of the City to request Mississippi Tidelands Trust Funds planning grant for public access improvements of Lily Pond; and

WHEREAS, the City, if awarded FY25 Mississippi Tidelands Funding Lily Pond in the requested amount of \$500,000 would be required to provide \$0 match funding.

NOW, THEREFORE, BE IT RESOLVED BY THE GOVERNING AUTHORITIES OF THE CITY OF DIAMONDHEAD, MISSISSIPPI, THAT:

SECTION ONE: The statements, findings, determinations, and conclusions contained in the preamble of this resolution are hereby adopted, ratified and incorporated therein.

SECTION TWO: The City Manager, is hereby authorized to request FY25 Mississippi Tidelands Grant Funds in the amount of \$500,000 and submit all required information to the Mississippi Department of Marine Resources for the planning grant for the development of a nature trail and nature education center.

SECTION THREE: The City Manager is hereby authorized to take any and all actions necessary to carry out the intent of this resolution and to provide any information to the Mississippi Department of Marine Resources in order to complete its review of the FY25 Mississippi Tidelands Grant Application.

SECTION FOUR: This Resolution shall take effect and be in force from and after adoption.

The above and foregoing resolution, after having been first reduced to writing, was introduced by

Councilmember _____, seconded by Councilmember _____ and the question being put to a roll call vote, the result was as follows:

	Aye	Nay	Absent
Mayor Depreo	—	—	—
Councilmember Finley	—	—	—
Councilmember Liese	—	—	—
Councilmember Cumberland	—	—	—
Councilmember Clark	—	—	—
Councilmember Maher	—	—	—

The motion having received the affirmative vote of a majority of all of the members of the Governing Body, the Mayor declared the motion carried and the resolution adopted, this the ____ day of _____, 2023.

 MAYOR

ATTEST:

CITY CLERK

(SEAL)

Agenda Item #2023-_____

City of Diamondhead, MS
Request for Council Action

TO: Members of Council
FROM: Mayor Depreo

Ordinance Resolution Agreement Info Only Work Session Other

AGENDA LOCATION: Consent Agenda Regular Agenda

AGENDA DATE REQUESTED

ORDINANCE/RESOLUTION CAPTIONS or ISSUE:

Motion to authorize planning and zoning to update Ordinance 10.4. - PERMITTED SIGN TYPES ESTABLISHED, 10.4.10 Window Signs

10.4. - PERMITTED SIGN TYPES ESTABLISHED.

The following table establishes, defines and illustrates the allowed sign types in the City of Diamondhead. Signs are generally classified into the following categories:

- On-Premises Freestanding Signs.
- On-Premises Attached Signs.
- Off-Premises Freestanding Signs.
- Off-Premises Attached Signs.
- Off-Premises Mobile Signs.

10.4.10 Window Signs - A window sign is a sign painted, glued or otherwise affixed to a window for the purpose of being visible from the exterior of the building. A permanent window sign shall be classified as a wall sign.

8. Window Signs Affixed to window

- Number: No limit
- Size: 50% of window area max
- Min/Max: NA
- Special Conditions: None
- Height

REQUIRED SIGNATURES

REQUESTED BY:

City Manager:

City Attorney:

COUNCIL ACTION:

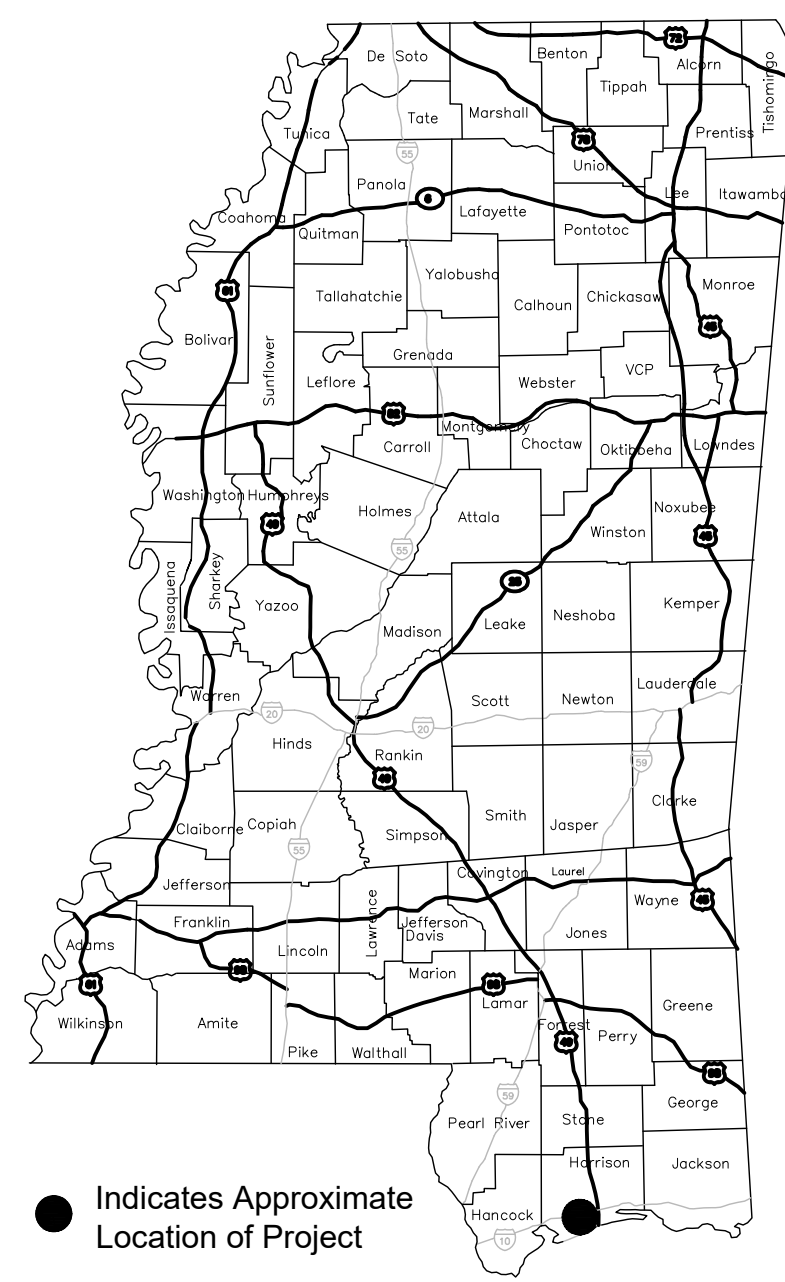
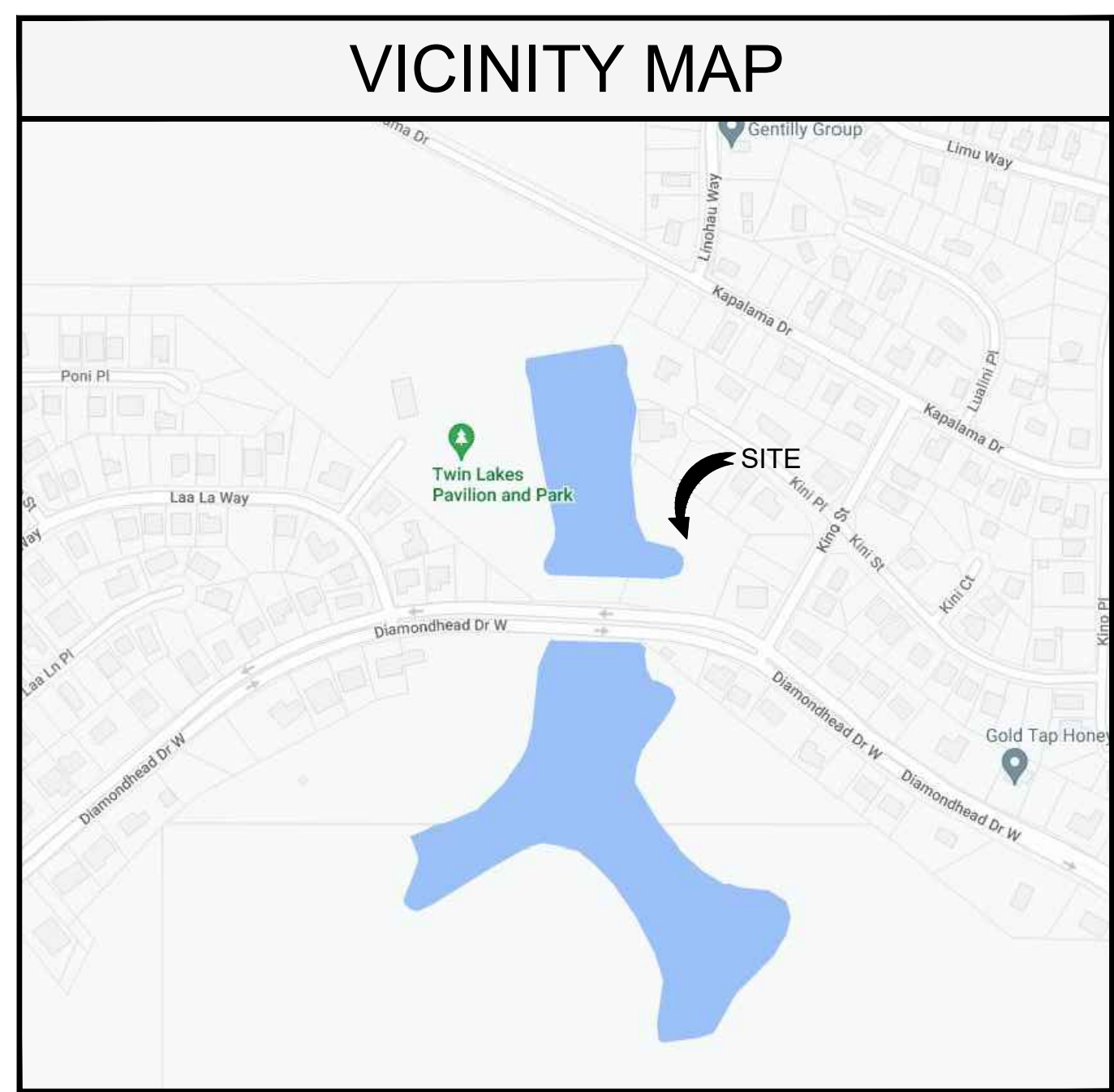
Approved Denied Tabled/Deferred Info Only Completed:

SITE CONSTRUCTION PLANS FOR CITY OF DIAMONDHEAD TWIN LAKES FISHING PIER AND TRAIL DIAMONDHEAD, MS

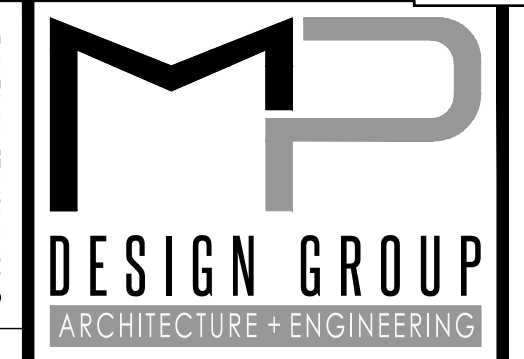
INDEX TO DRAWINGS

DRAWING NO.	DESCRIPTION
T001	TITLE SHEET
C001	GENERAL NOTES AND LEGENDS
C100	SITE DEMOLITION PLAN
C110	STORM WATER POLLUTION PREVENTION PLAN
C200	CIVIL SITE PLAN
C210	SITE LAYOUT PLAN
C220	JOINTING PLAN AND DETAILS
C300	SITE GRADING PLAN
C310	SITE DRAINAGE PLAN
C400	SITE UTILITY PLAN
C610	STORM WATER POLLUTION PREVENTION DETAILS
C620	CIVIL SITE DETAILS
C621	CIVIL SITE DETAILS
C622	CIVIL SITE DETAILS
C623	PIER DETAILS
C624	PIER DETAILS
C640	SITE GRADING AND DRAINAGE DETAILS
C650	SITE UTILITY DETAILS

VICINITY MAP



LOCATION MAP



"Designed to Build"
918 Howard Ave Suite F
Biloxi, Mississippi 39530
P: 228.388.1950
www.mpdesigngroup.us

David J. Machado, PE
Brad P. Patano, PE
Gerrod W. Kilpatrick, PE
Bradford A. Jones, AIA
Fernanda A. Silva, AIA

PLANS WITHOUT REGISTERED ENGINEER/ARCHITECT STAMP AND SIGNATURE ARE CONSIDERED "NOT FOR CONSTRUCTION" AND SHALL NOT BE USED IN ANY MANNER FOR CONSTRUCTION OR PERMITTING OF SAID PROJECT.

CITY OF DIAMONDHEAD
TWIN LAKE FISHING PIER AND TRAIL
DIAMONDHEAD DRIVE WEST
DIAMONDHEAD, MS 39525

SCALE: AS INDICATED
PROJECT NO: 0275.20.004
DRAWN BY: JGP
CHECKED BY: GWK

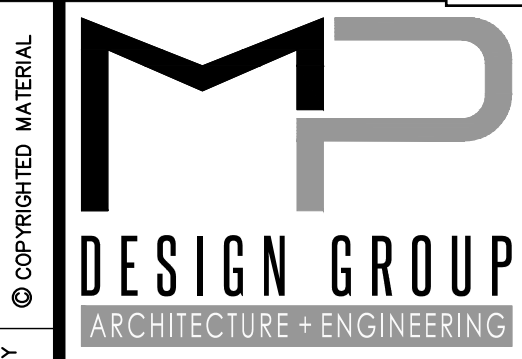
TITLE SHEET

NO.	DATE	REVISION / SUBMITTAL
REV A	08.12.22	OWNER REVIEW SET

T001

VERIFY SCALES
BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

THE ORIGINAL SIGNED, DATED AND SEALED ENGINEERING PLANS ARE THE OFFICIAL DOCUMENTS SUBMITTED TO THE APPROVING AUTHORITY FOR THESE PLANS. CONTRACTOR / SUBCONTRACTOR / AND/OR OWNER SHALL CONSULT ENGINEERED PLANS TO VERIFY ANY CONDITIONS OR RESTRICTIONS THAT MAY HAVE BEEN REQUIRED BY THE APPROVING AUTHORITY OR APPROVED BY THE REGISTERED ENGINEER OF RECORD. IF DISCREPANCIES OCCUR, THE ORIGINAL SIGNED, DATED AND SEALED ENGINEERED PLAN SET SHALL OVERRIDE ANY OTHER PLANS. THE DRAWINGS, DETAILS, AND NOTES THAT APPEAR ON THIS SHEET ARE COPYRIGHTED BY MACHADO | PATANO, PLLC, AND CLAIM ALL RIGHTS OF THE COPYRIGHT LAWS. © COPYRIGHTED MATERIAL



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CITY OF DIAMONDHEAD
TWIN LAKE FISHING PIER AND TRAIL
DIAMONDHEAD DRIVE WEST
DIAMONDHEAD, MS 39525

SCALE: AS INDICATED
PROJECT NO: 0275.20.004
DRAWN BY: JGP
CHECKED BY: GWK

GENERAL NOTES AND LEGENDS

Table with columns: NO., REVISION, DATE, OWNER REVIEW SET. Includes revision 08.12.22.

C001
VERIFY SCALES
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SITE GRADING & DRAINAGE NOTES

- 1. EXISTING CONTOUR INTERVALS SHOWN ARE ONE FOOT (1').
2. PROPOSED CONTOUR INTERVALS SHOWN ARE ONE FOOT (1').
3. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD...

UTILITY NOTES

- 1. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING LOCATIONS OF ALL PROJECT RELATED UTILITIES, BURIED AND ABOVE GROUND, REGARDLESS OF INCLUSION ON THESE PLANS. THE LOCATIONS OF ANY EXISTING UTILITIES SHOWN ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATIONS OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK...
2. SITE CONTRACTOR SHALL BE RESPONSIBLE FOR STUB OUT OF ALL UTILITIES TO WITHIN 5' OF THE BUILDING...
3. CONTRACTOR SHALL NOTIFY THE APPROPRIATE UTILITY AT LEAST 48 HOURS PRIOR TO COMMENCING CONSTRUCTION HAVING POTENTIAL IMPACT TO THE UTILITY'S STRUCTURE...

MISSISSIPPI ONE CALL

THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING UNDERGROUND UTILITIES PRIOR TO ANY CONSTRUCTION (INCLUDING BUT NOT LIMITED TO: WATER LINES, SEWER LINES, ELECTRICAL AND TELECOMMUNICATION LINES, AND FIBER OPTIC CABLES.)
MISSISSIPPI ONE CALL SYSTEM SERVICE AT: 1-800-227-6477 OR www.ms811.org AT LEAST 3 DAYS BEFORE ANY CONSTRUCTION

OTHER POLLUTION SOURCES CONTROL NOTES

- 1. MAINTENANCE AND REPAIR OF CONSTRUCTION EQUIPMENT SHALL BE CONFINED TO ONE AREA - LOCATED ON A LEVEL AREA, AS FAR FROM CREEKS AND WETLANDS AREAS AS POSSIBLE. STORAGE CONTAINERS AND WASTE DISPOSAL RECEPTACLES SHALL BE PROVIDED AT THIS AREA FOR OILS, FUELS, GREASE, SOLVENTS, ETC., THAT ARE USED ON THE SITE. THE MAINTENANCE AREA SHALL BE INSPECTED AND CLEANED DAILY. DISPOSAL RECEPTACLES SHALL BE EMPTIED WEEKLY, PROPERLY AND IN A LEGAL MANNER.
2. ANY FUEL STORAGE TANKS KEPT ON THE SITE SHALL BE PROVIDED WITH SECONDARY CONTAINMENT; THIS SHALL CONSIST OF A PAN UNDER THE TANK, LINED CONTAINMENT AREA WITH BERMS OR CONCRETE CONTAINMENT AREA TO CONTAIN ANY LEAKAGE OR SPILLAGE WHICH MAY OCCUR FROM THE TANK DURING USE AND NON-USE TIMES...

GENERAL NOTES

- 1. THE CONTRACTOR SHALL FURNISH THE ENGINEER WITH TWO SETS OF "AS-BUILT" DRAWINGS PRIOR TO REQUESTING A FINAL INSPECTION. THE "AS-BUILT" DRAWINGS SHALL SHOW THE LOCATIONS OF ALL SEWER AND WATER STRUCTURES, LINES, BENDS, AND APPLICABLE MANHOLES. GRADES ON STORM SEWER LINES SHALL ALSO BE FURNISHED ON "AS-BUILT" DRAWINGS.
2. INSTALLATION OF ANY GRAVITY FLOW PIPE, SUCH AS SANITARY SEWER OR STORM DRAIN, SHALL REQUIRE THAT THE CONTRACTOR START AT THE LOWEST CONNECTION POINT ELEVATION, AND WORK IN THE UPHILL DIRECTION. IF, IN THE BEST INTEREST OF THE PROJECT, THE CONTRACTOR WISHES TO INITIATE PIPE LAYING AT SOME LOCATION OTHER THAN THE LOWEST CONTROL, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM A SATISFACTORY CONNECTION TO THE LOWEST CONTROL...

SITE NOTES

- 1. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS FOR THIS PROJECT PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION OR DEMOLITION.
2. CONTRACTOR SHALL PROVIDE ADEQUATE PROTECTION TO PREVENT DAMAGE TO ALL TREE ROOTS DURING ENTRENCHING AND ANY OTHER CONSTRUCTION THAT MAY ENDANGER THE HEALTH OF THE TREES ACCORDING TO THE LOCAL MUNICIPALITIES REQUIREMENTS.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ANY AND ALL UTILITY COMPANIES IN REGARDS TO UTILITIES THAT MAY NEED TO BE RELOCATED AS PART OF THIS WORK.
4. CONTRACTOR SHALL PROVIDE PROPER TRAFFIC CONTROL WARNING SIGNS THROUGHOUT THE DURATION OF THE PROJECT. ALL SIGNAGE SHALL BE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), LATEST EDITION...

SITE LAYOUT NOTES

- 1. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AS SHOWN ON THE PLANS. ANY DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER.
2. EXTREME CARE HAS BEEN TAKEN IN DETERMINING LAYOUT DIMENSIONS. CONTRACTOR SHALL ONLY SCALE AREAS IN WHICH NO DIMENSION IS SHOWN. CONTRACTOR SHALL VERIFY SCALE AND CONTACT ENGINEER IF ANY DISCREPANCIES OCCUR. IN NO CASE SHALL CONTRACTOR SCALE THE DRAWING TO OVERRIDE A SHOWN DIMENSION.
3. CONTRACTOR SHALL CONSULT AND VERIFY ALL BUILDING DIMENSIONS WITH THE BUILDING PLANS AND THE FOUNDATION PLANS. IF ANY DISCREPANCIES ARISE, THE BUILDING PLANS AND/OR THE FOUNDATION PLAN OVERRIDE ANY DIMENSIONS ON THIS PLAN. CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ENGINEER IF ANY SAID DISCREPANCIES MAY AFFECT THE LAYOUT OF THE SITE PLAN.

STORMWATER POLLUTION PREVENTION NOTES

- 1. STOCKPILE TOPSOIL REMOVED FROM ROADWAY AREAS FOR USE LATER IN PLANTING PERMANENT GRASS ON ALL DISTURBED AREAS NOT USED AS PAVED ROADS, BUILDINGS ETC. CONTRACTOR SHALL PERFORM STOCKPILE PROTECTION AS REQUIRED TO PREVENT EROSION AND LOOSE DIRT FROM BEING WASHED FROM THE STOCKPILE.
2. CONTRACTOR SHALL STAGE, TIME AND SEQUENCE CONSTRUCTION TO MINIMIZE THE SIZE OF EXPOSED SOIL AREAS AND THE TIME BETWEEN EXPOSING THE SOIL AREA AND FINISHING THE SOIL AREA.
3. AS SOON AS GRADING IS COMPLETE IN AN AREA, THE CONTRACTOR SHALL STABILIZE THE SOIL. FOR LONG, NARROW AREAS OR STEEP GRADES (GREATER THAN 3:1), THE CONTRACTOR SHALL STABILIZE CONTINUOUSLY DURING GRADING OPERATIONS. ROUGH GRADED AREAS SHOULD BE STABILIZED WITH TEMPORARY EROSION CONTROL IF FINAL GRADING AND STABILIZATION WILL NOT BE PERFORMED WITHIN FIVE (5) DAYS. FAILURE TO STABILIZE IN A TIMELY MANNER AFTER GRADING MAY BE CONSIDERED A VIOLATION OF PERMITS OBTAINED FOR SAID ACTIVITY AND MAY BE SUBJECT TO CORRECTIVE ACTION BY THE LOCAL, STATE OR FEDERAL GOVERNING AUTHORITY...

SEQUENCING OF SITE WORK AND RELATED EROSION CONTROL DEVICES

THE CONSTRUCTION PHASE SHOULD BE DIVIDED INTO THREE PHASES OF BEST MANAGEMENT PRACTICES IMPLEMENTATION (BMP). THE FOLLOWING IS A SUGGESTED PHASING PROCESS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THE CONSTRUCTION PLANS, MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY BEST MANAGEMENT PRACTICES MANUAL, LATEST EDITION AND ANY OTHER INFORMATION THAT MAY BE RELEVANT TO THE IMPLEMENTATION AND PREPARATION OF A STORMWATER POLLUTION PREVENTION PLAN BEST SUITED FOR THIS PROJECT:
PHASE I: START UP AND PERIMETER CONTROLS
CONTRACTOR SHALL POST ALL SITE AND STORMWATER CONTROL PERMITS AS REQUIRED BY EACH INDIVIDUAL PERMIT.
CONTRACTOR SHALL INSTALL PERIMETER CONTROLS. PREFERABLY, THESE SHOULD BE INSTALLED AFTER CLEARING AND PRIOR TO ANY GRUBBING OF THE SITE. FOR LARGER AREAS, CLEARING OF AN AREA THE WIDTH OF A BULLDOZER AND INSTALLING THE PERIMETER CONTROLS SHOULD BE PERFORMED PRIOR TO CLEARING THE INTERIOR PORTIONS OF THE SITE.
HOLD PRE-CONSTRUCTION CONFERENCE AT LEAST ONE (1) WEEK PRIOR TO STARTING CONSTRUCTION AND PERFORM WEEKLY REVIEWS OF THE EROSION SEDIMENT AND STORMWATER CONTROL PLAN.
REMOVE VEGETATION, UNDERGROWTH AND TOP SIX (6) INCHES OF ORGANIC MATERIAL FROM THE SITE AND STOCKPILE TOPSOIL. CONTRACTOR SHALL PERFORM STOCKPILE PROTECTION AS REQUIRED TO PREVENT LOOSE DIRT FROM BEING WASHED FROM THE STOCKPILE.
PLACE TEMPORARY SANITARY FACILITIES AND DUMPSTERS.
PHASE II: INTERMEDIATE CONTROLS
INTERMEDIATE CONTROLS ARE IMPLEMENTED FROM GRUBBING TO FINAL GRADE. THIS INCLUDES INSTALLATION OF SUBSURFACE DRAINAGE, INLETS AND UTILITIES ARE INSTALLED, THIS PHASE DURING THIS PHASE, THE EXTENT AND DURATION OF EXPOSURE OF UN-STABILIZED AREAS IS GREATEST. THE CONTRACTOR SHALL TAKE ANY ADDITIONAL MEASURES REQUIRED TO PREVENT ADDITIONAL STORMWATER OR SEDIMENTATION RUNOFF AT NO ADDITIONAL COST TO THE OWNER.
PHASE III: FINAL CONTROLS
THESE CONTROLS ARE IMPLEMENTED TO ACHIEVE FINAL STABILIZATION OF THE SITE. THE CONSTRUCTION OF HARD SURFACES AND FINAL PAVEMENT, STRUCTURES AND UTILITIES ARE INSTALLED, THIS PHASE ESTABLISHES THE PERMANENT VEGETATION, RETENTION PONDS, UTILITIES AND THE INSTALLATION OF ANY OUTLET PROTECTIONS, ENERGY DISSIPATORS, ROCK CHECK DAMS, ETC. AT FINAL STABILIZATION, USEPA (1992) GUIDELINES STATES THAT PERMANENT VEGETATION MUST BE UNIFORMLY ESTABLISHED ON AT LEAST 70 PERCENT OF SOIL SURFACES NOT COVERED WITH EROSION-RESISTANT SURFACES (PAVEMENTS, BUILDINGS, ETC.). ALL PERMANENT DRAINAGE IMPROVEMENTS MUST BE INSTALLED AND TESTED TO VERIFY THAT THEY PERFORM AS DESIGNED. THE STORMWATER MANAGEMENT SYSTEM SHOULD BE CHECKED AND CLEANED OF ANY ACCUMULATED SEDIMENTS. TEMPORARY BMP'S NOT REQUIRED AS PART OF THE PERMANENT STABILIZATION OR BMP PLAN SHALL BE REMOVED AND PROPERLY DISPOSED OF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING ANY AND ALL SEDIMENT, DEBRIS, ETC., AS MAY BE REQUIRED TO CREATE A FULLY FUNCTIONAL STORMWATER MANAGEMENT SYSTEM AT NO ADDITIONAL COST TO THE OWNER.

SITE DEMOLITION NOTES

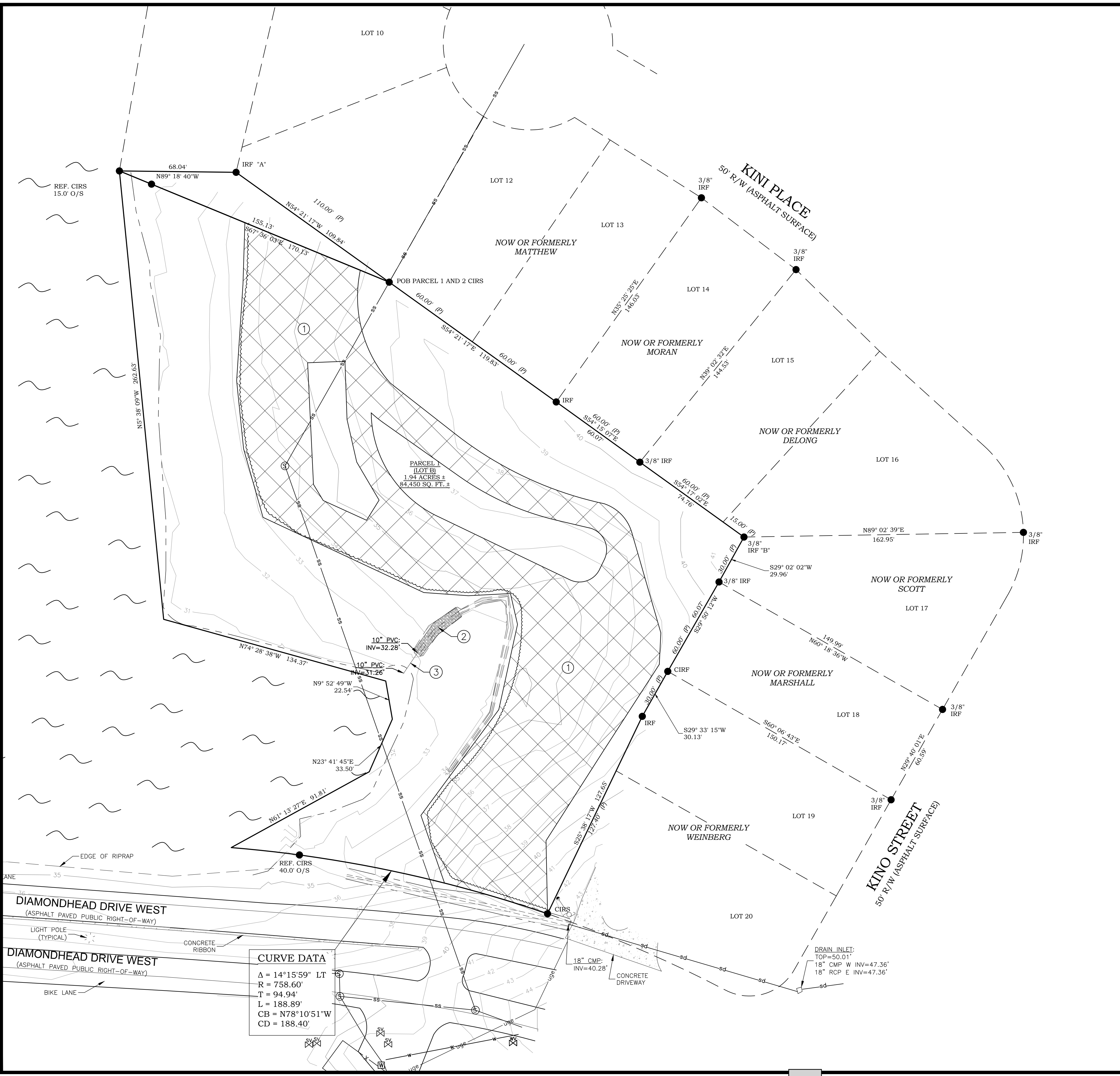
- 1. THE CONTRACTOR SHALL CALL MISSISSIPPI ONE CALL (1-800-227-6477) BY LAW TO LOCATE ALL EXISTING UTILITIES ON SITE PRIOR TO THE START OF HIS WORK.
2. CONTRACTOR SHALL MAINTAIN EROSION AND SEDIMENT CONTROLS DURING THE ENTIRE COURSE OF WORK AS DETAILED ON THE STORM WATER POLLUTION PREVENTION PLANS, AND IN ACCORDANCE WITH THE STATE STORM WATER POLLUTION PREVENTION REQUIREMENTS.
3. ALL MATERIALS TO BE DEMOLISHED SHALL BE RECYCLED OR SALVAGED ACCORDING TO THE CONTRACTOR'S WASTE MANAGEMENT PLAN. ALL OTHER MATERIALS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF OFF SITE IN A LEGAL LANDFILL. CONTRACTOR IS NOT ALLOWED TO STOCKPILE NON-RECYCLED OR NON-SALVAGED DEMOLITION MATERIALS ON SITE. ALL MATERIALS SHALL BE REMOVED IN A TIMELY FASHION.
4. WITHIN THE LIMITS OF WORK AND THE VICINITY OF CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY FENCING AROUND TREES TO REMAIN AND PROTECT SAID TREES DURING CONSTRUCTION.
5. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE ASSOCIATED UTILITY COMPANY AND COORDINATING ANY REQUIRED DISCONNECTS AND/OR CONNECTIONS TO EXISTING UTILITIES.
6. FINAL SITE CLEARING - THE SITE SHALL BE CLEAR OF ALL DEBRIS, DEMOLITION RELATED AND NON-RELATED (SITE TRASH).

SURVEY LEGEND

- IRF DENOTES IRON ROD FOUND
○ IRP DENOTES IRON PIPE FOUND
○ IRS DENOTES IRON ROD SET
⊗ CMF DENOTES CONCRETE MONUMENT FOUND (MEAS) DENOTES MEASURED THIS SURVEY
(DEED) DENOTES PER RECORDED DEED
— T— DENOTES TRAFFIC SIGN
MB DENOTES MAILBOX
W DENOTES WATER VALVE
M DENOTES WATER METER
M DENOTES WATER METER
S DENOTES SANITARY SEWER CLEANOUT
S DENOTES SANITARY SEWER MANHOLE
○ DENOTES UTILITY POLE
○ DENOTES UTILITY POLE GUY WIRE
FO DENOTES FIBER OPTIC JUNCTION BOX
G DENOTES GAS VALVE
ohe ——— DENOTES OVERHEAD POWER LINE
fo ——— DENOTES FIBER OPTIC LINE
w ——— DENOTES WATER LINE
ss ——— DENOTES GRAVITY SEWER LINE
g ——— DENOTES GAS LINE

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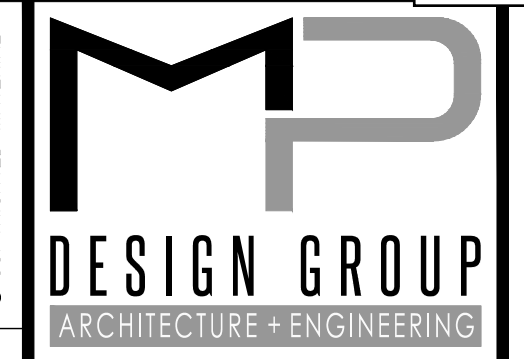
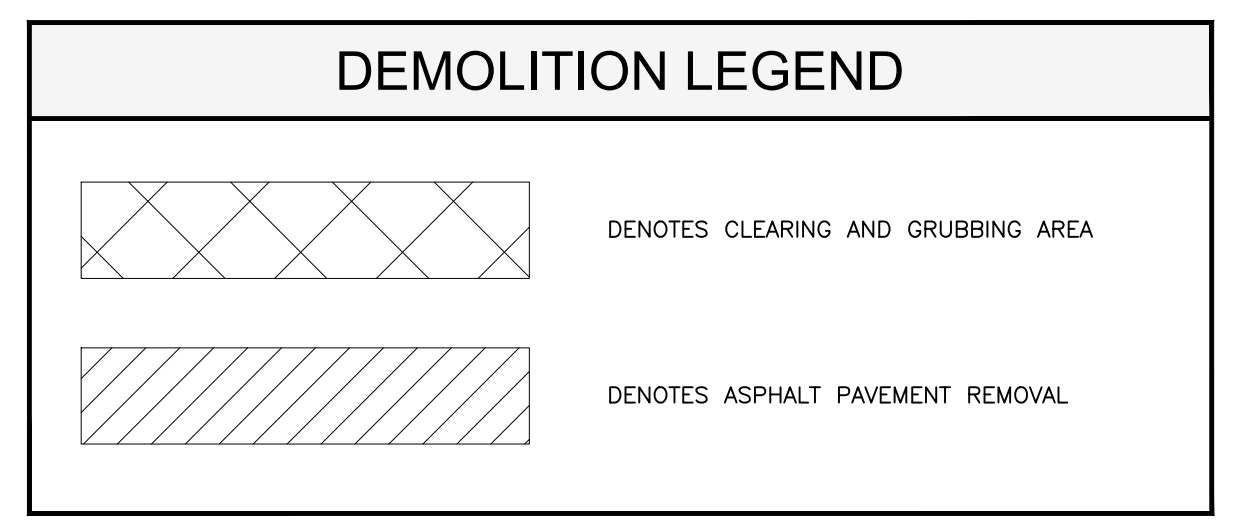
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- DEMOLITION NOTES**
- CONTRACTOR SHALL CLEAR AND GRUB IN THE AREA OUTLINED. CONTRACTOR SHALL MAINTAIN AND PROTECT THE REMAINDER OF THE WOODED AREA IN IT'S EXISTING CONDITION. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ANY AND ALL DEBRIS RELATED TO THIS ITEM.
 - CONTRACTOR SHALL REMOVE EXISTING RIP RAP. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ANY AND ALL DEBRIS RELATED TO THIS ITEM.
 - CONTRACTOR SHALL REMOVE EXISTING STORM DRAIN PIPE. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ANY AND ALL DEBRIS RELATED TO THIS ITEM.
 - CONTRACTOR SHALL SAWCUT, WHERE APPLICABLE, AND REMOVE EXISTING ASPHALT PAVEMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ANY ALL DEBRIS RELATED TO THIS ITEM.



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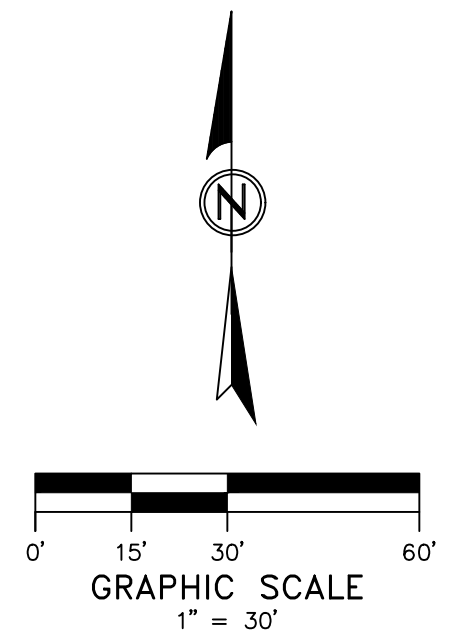
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EXISTING CONDITIONS AND SITE DEMOLITION PLAN

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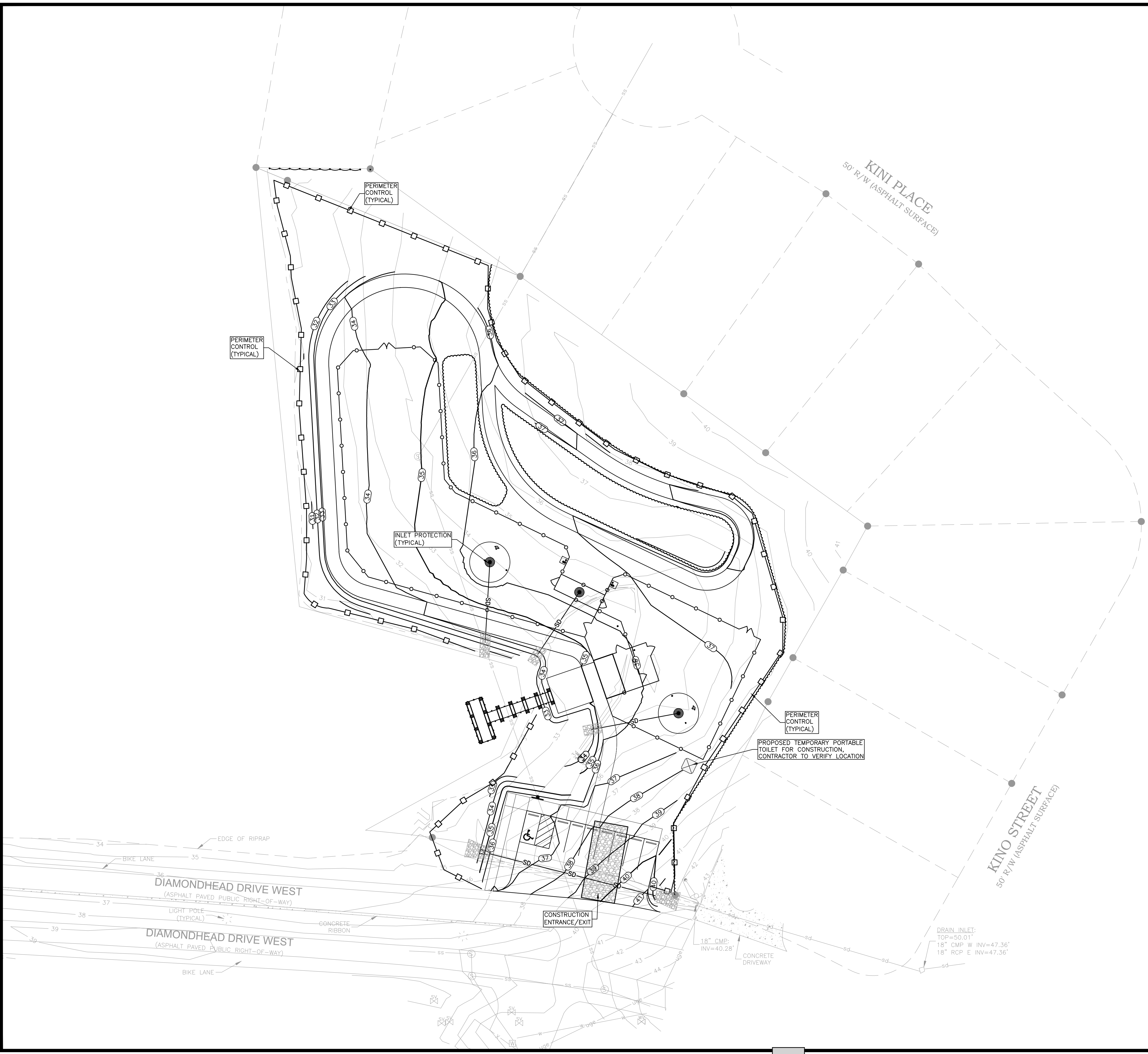
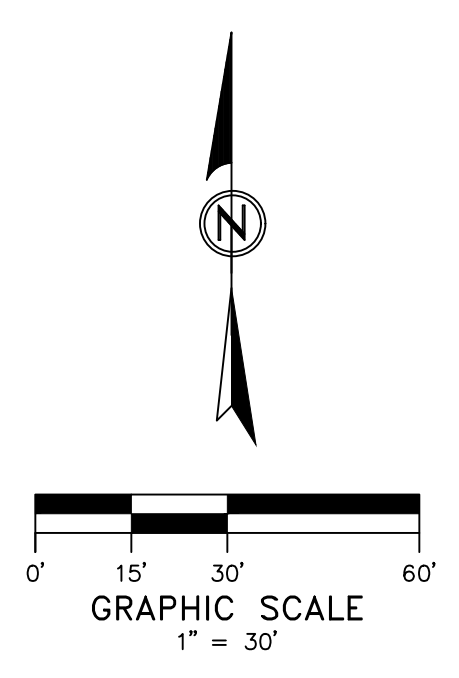


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			DATE	REVISION
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SWPPP LEGEND

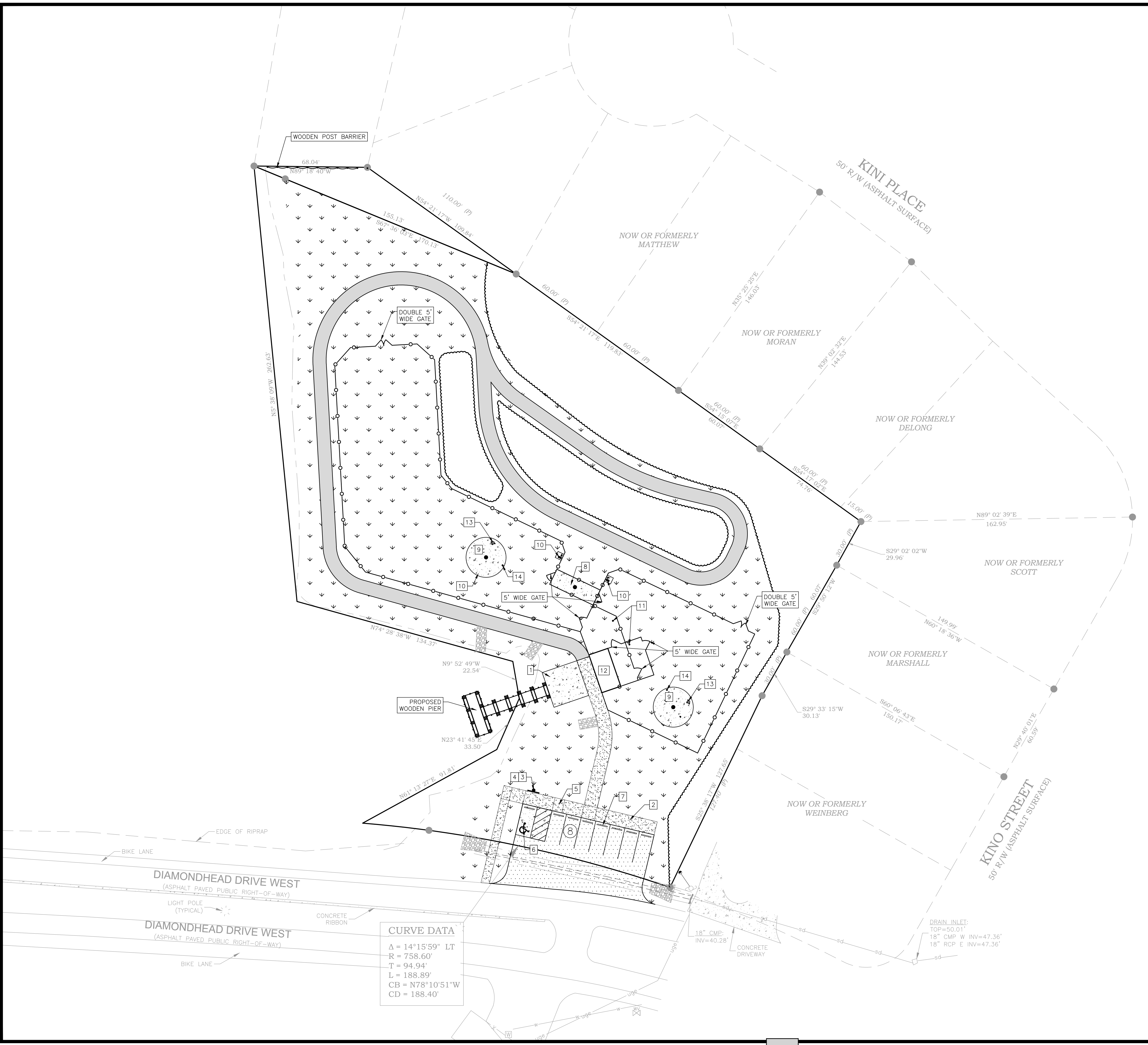
□—□ DENOTES PERIMETER CONTROL (SILT FENCE)

■ DENOTES CONSTRUCTION ENTRANCE/EXIT



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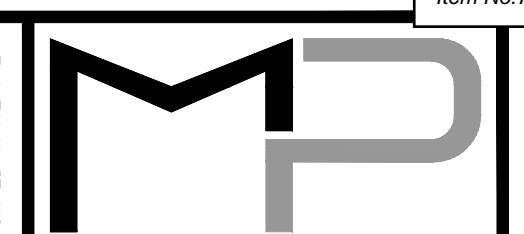


LEGEND

- DENOTES CONCRETE PAD
- DENOTES CONCRETE SIDEWALK
- DENOTES GRAVEL PARKING AREA
- DENOTES 8' WIDE ASPHALT WALKING TRACK
- DENOTES 419 BERMUDA SOD
- DENOTES 5' TALL FENCE
- DENOTES PARKING SPACE COUNT

SITE NOTES

- [1] ENTRY CONCRETE PAD (BASE BID), (ALTERNATE NO. 1, RIBBON CURB AND BRICK PAVERS IN LIEU OF ENTRY CONCRETE PAD)
- [2] CONCRETE SIDEWALK
- [3] HANDICAP PARKING SIGN
- [4] HANDICAP VAN PARKING SIGN
- [5] HANDICAP RAMP WITH TRUNCATED DOME
- [6] HANDICAP PARKING SYMBOL AND STRIPING (SEE C620 FOR DETAILS)
- [7] CONCRETE WHEEL STOP
- [8] DOG WASH STATION (ALTERNATE NO. 2)
- [9] DOG SPLASH PAD (ALTERNATE NO. 3)
- [10] WATER FOUNTAIN ON 4'X4' CONCRETE PAD (HALSEY TAYLOR ENDURA II TUBULAR OUTDOOR FOUNTAIN MODEL NO. 4420DB OR APPROVED EQUAL)
- [11] HITCHING POST (BARK PARK PBARK-480-BLUE LEASH POST OR APPROVED EQUAL)
- [12] ENTRY BUILDING (ALTERNATE NO. 4)
- [13] H2O FIDO FSF-FH-25 MIST HYDRANT OR APPROVED EQUAL, COLOR TO BE SELECTED BY OWNER, INCLUDED IN ALTERNATE NO. 3)
- [14] H2O FIDO ECOPLAY SPLASH PAD ACTIVATOR-TIMER OR APPROVED EQUAL (INCLUDED IN ALTERNATE NO. 3)



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CIVIL SITE PLAN

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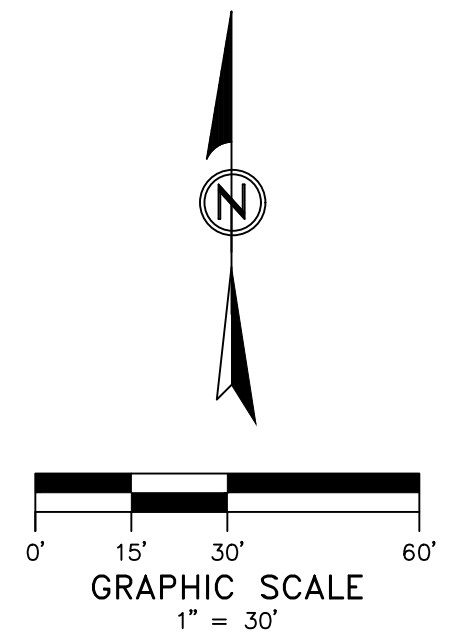
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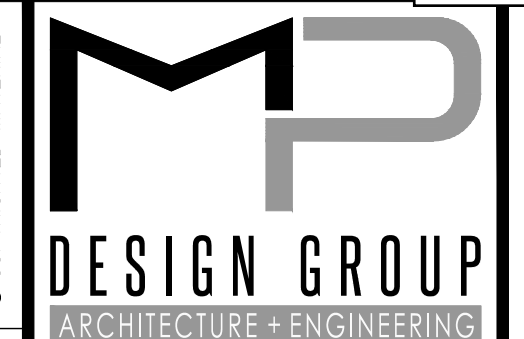
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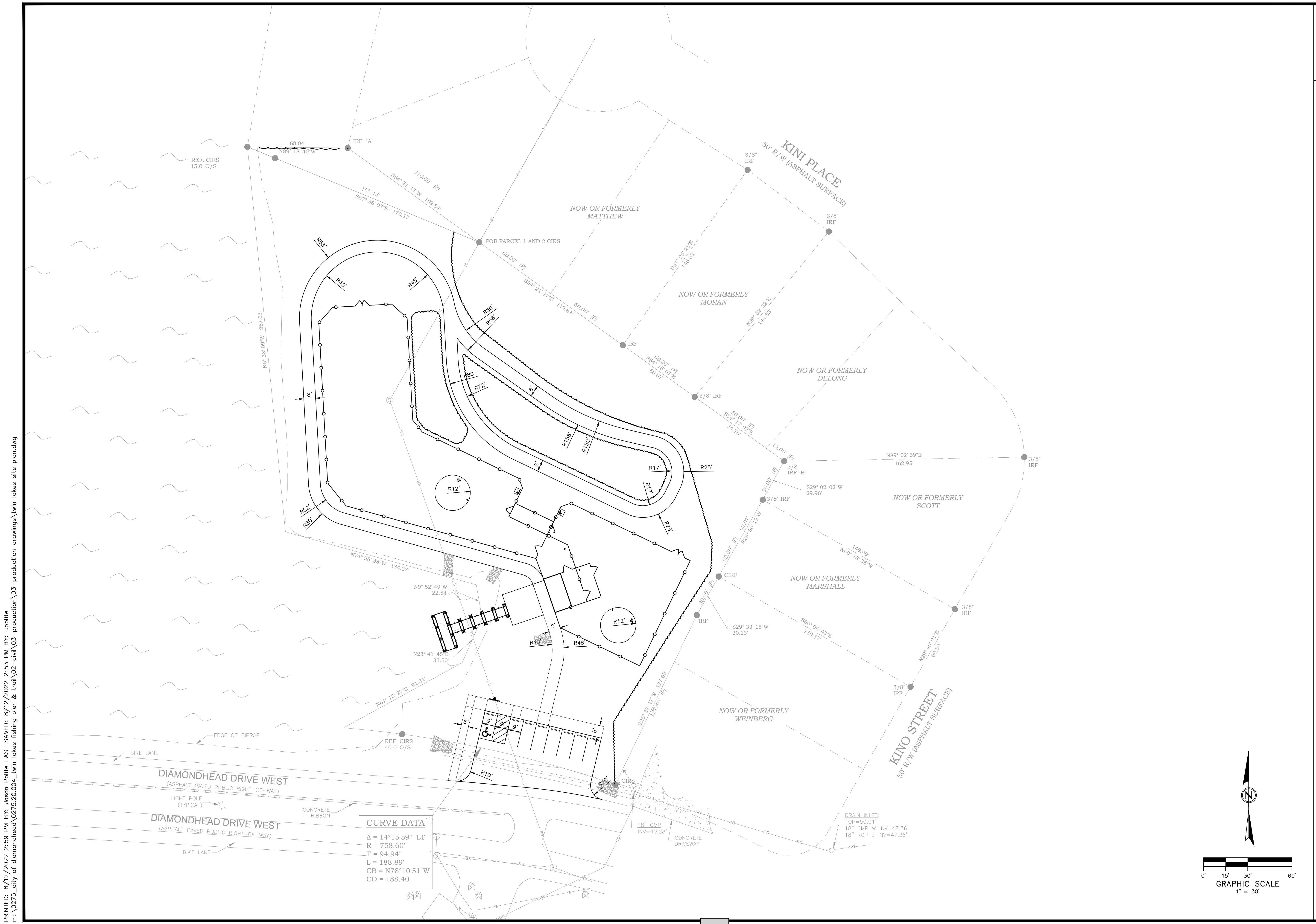
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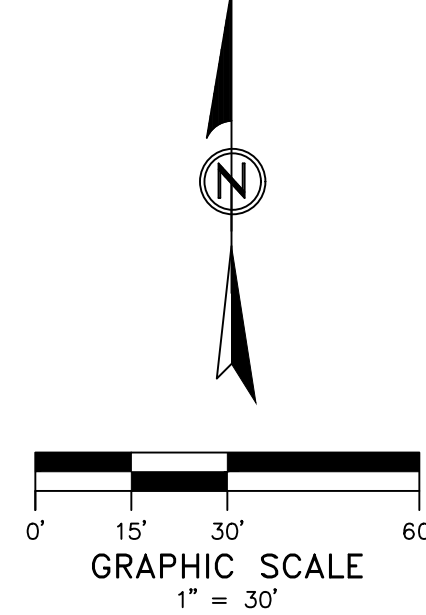
SITE LAYOUT PLAN

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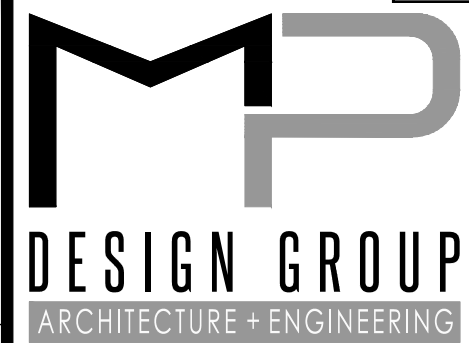


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JOINTING PLAN AND DETAILS

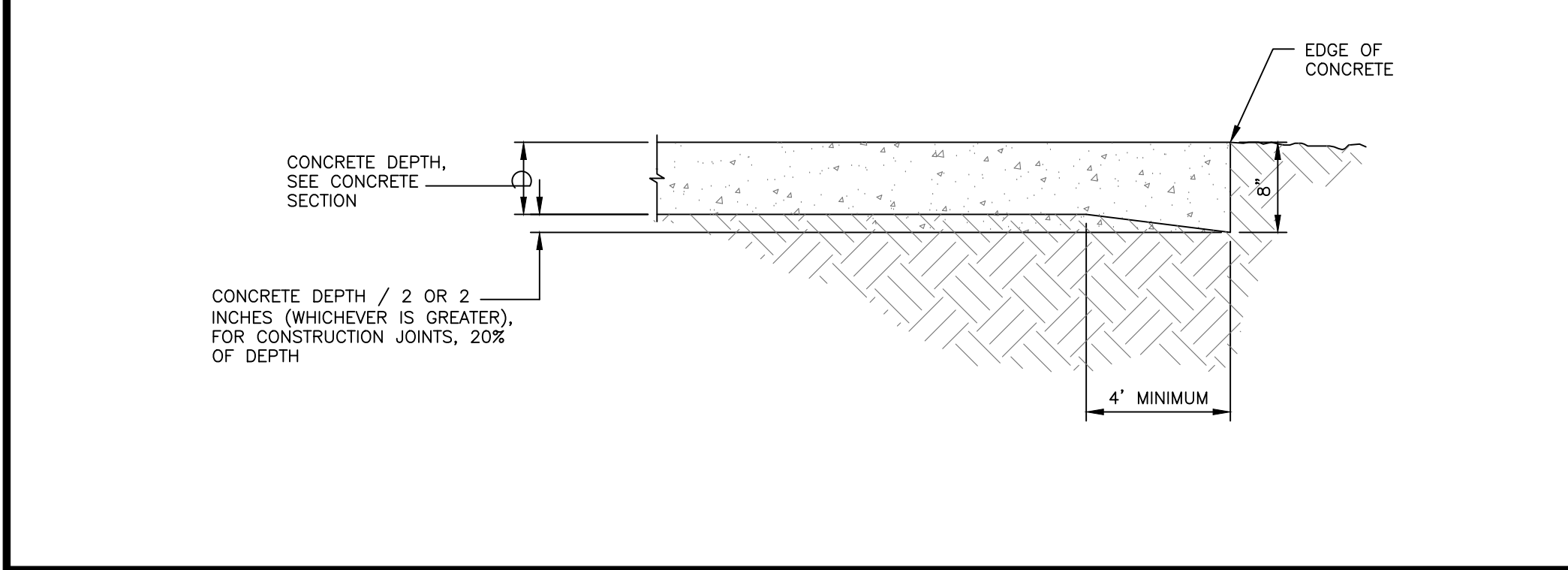
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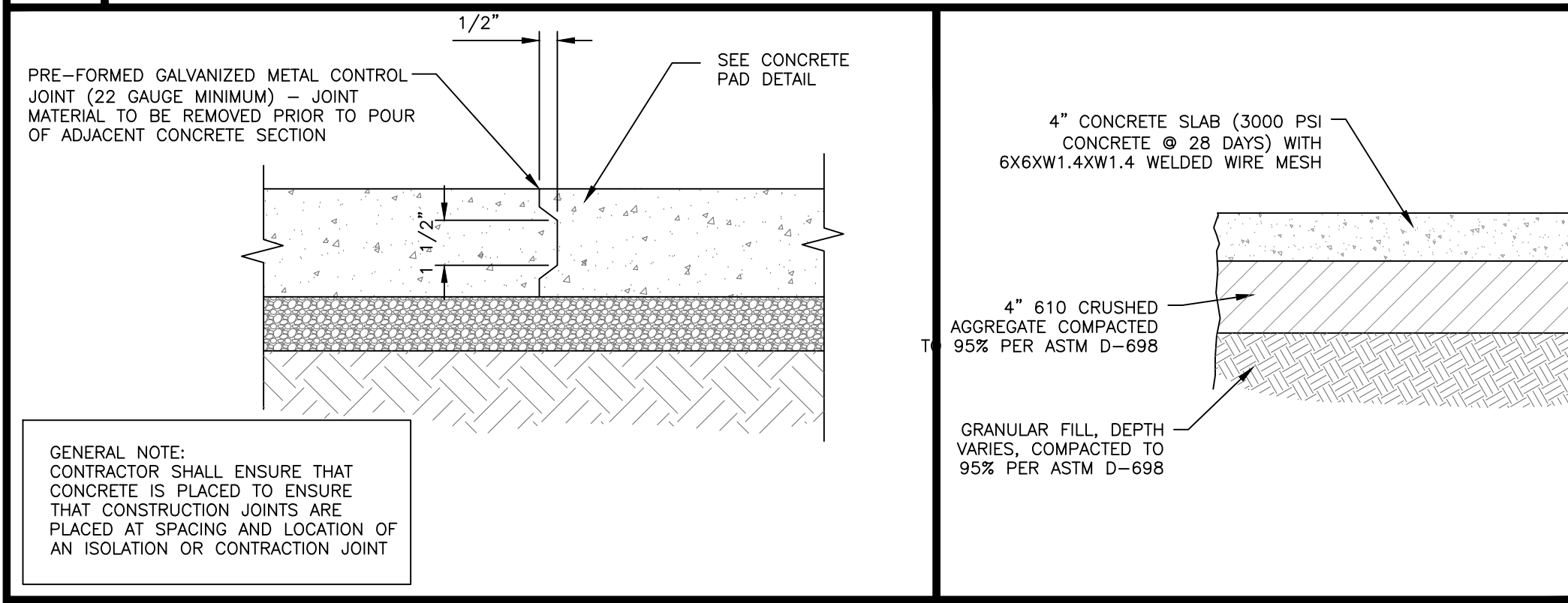
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1. CONTRACTOR SHALL CONFORM TO THE PROVIDED JOINT LAYOUT PLAN. CONTRACTOR SHALL PLAN POURS TO ENSURE THAT CONSTRUCTION JOINTS ARE PROVIDED AT LOCATIONS OF ISOLATION OR CONTRACTION JOINTS.
2. ALL JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ACI 330R-08 OR SECTION 3.07 IN THE NRMCA GUIDE SPECIFICATIONS.
3. ISOLATION JOINTS SHALL BE APPLIED AROUND IN-PAVEMENT AND FIXED STRUCTURES, SUCH AS DRAINAGE INLETS, MANHOLES, LIGHTING STRUCTURES, FOOTINGS, ETC. AND AS NOTED ON PLANS.
4. JOINTS ARE TO ENTER CURVED EDGES WITH PERPENDICULAR CUTS.
5. JOINTS SHALL BE CUT WITHIN TWELVE (12) HOURS OF FINISHING CONCRETE.
6. CONTRACTION JOINT CUTS SHALL BE 1/4 OF THE PAVEMENT THICKNESS DEEP.
7. CONTRACTOR SHALL INSTALL CONTRACTION JOINTS AT THE END OF ONE PLACEMENT AND THE BEGINNING OF A SECOND PLACEMENT. LOCATION SHALL BE PLANNED AS NOTED IN NOTE 1 ABOVE.
8. CONTRACTOR SHALL PROVIDE A THICKENED PAVEMENT EDGE AT BOTH SIDES OF ALL CONTRACTION JOINTS. THICKENED EDGE SHALL BE 20% OF SLAB THICKNESS OR 2 INCHES, WHICHEVER IS GREATER.
9. PROVIDE THICKENED EDGE ALL ALL AREAS WHERE CONCRETE TERMINATES (i.e. INTERSECTIONS) AND WHERE SHOWN ON PLAN.
10. CONTRACTOR SHALL CONTINUE CONTRACTION JOINTS THROUGH CURB AND CURB AND GUTTER TO HELP ELIMINATE SYMPATHY CRACKS.
11. IF EDGE RESTRAINTS ARE NOT USED, THE BARS SHOULD BE PLACED AT THE FIRST LONGITUDINAL JOINT.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ISOLATION JOINTS AROUND ALL IN PAVEMENT AND FIXED STRUCTURES AS NOTED ABOVE WHETHER THEIR LOCATION IS SHOWN ON THIS PLAN OR NOT. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SAID JOINTS IRREGARDLESS OF WHETHER STRUCTURES ARE SHOWN ON THIS PLAN.
13. A PREFORMED JOINT FILLER MATERIAL OCCUPIES THE GAP BETWEEN THE STRUCTURE AND PAVEMENT.
14. FILLER MATERIAL IS A BITUMEN - TREATED FIBER BOARD, (SEE DETAIL)
15. JOINT SEALER IS APPLIED ABOVE THE FILLER MATERIAL AND AT EACH CONTRACTION JOINT.
16. MAXIMUM JOINT SPACING FOR STANDARD DUTY PAVEMENT IS 12.5 FEET AND 15 FEET FOR HEAVY DUTY PAVEMENT IN ANY DIRECTION.
17. RECOMMENDED JOINT PLAN MUST BE REVISED TO ACCOMMODATE CONSTRUCTION JOINTS.

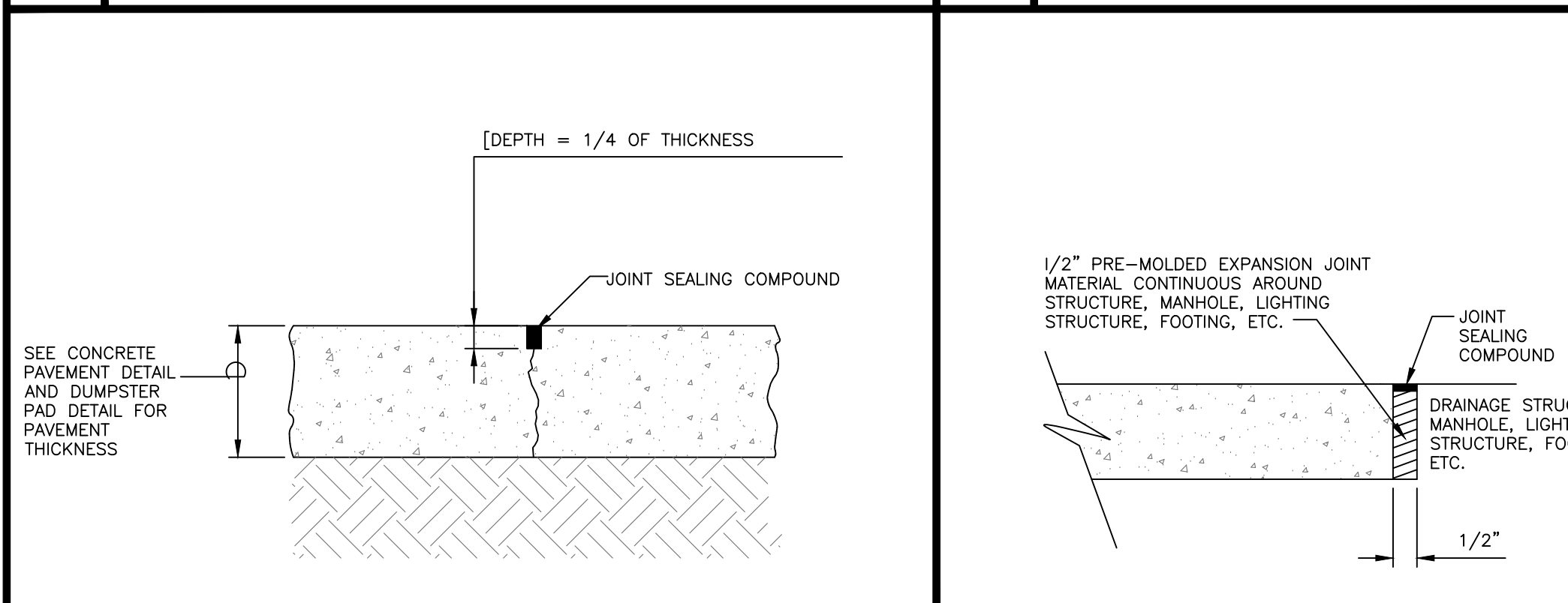
2 GENERAL JOINTING NOTES



3 THICKENED SLAB DETAIL NOT TO SCALE

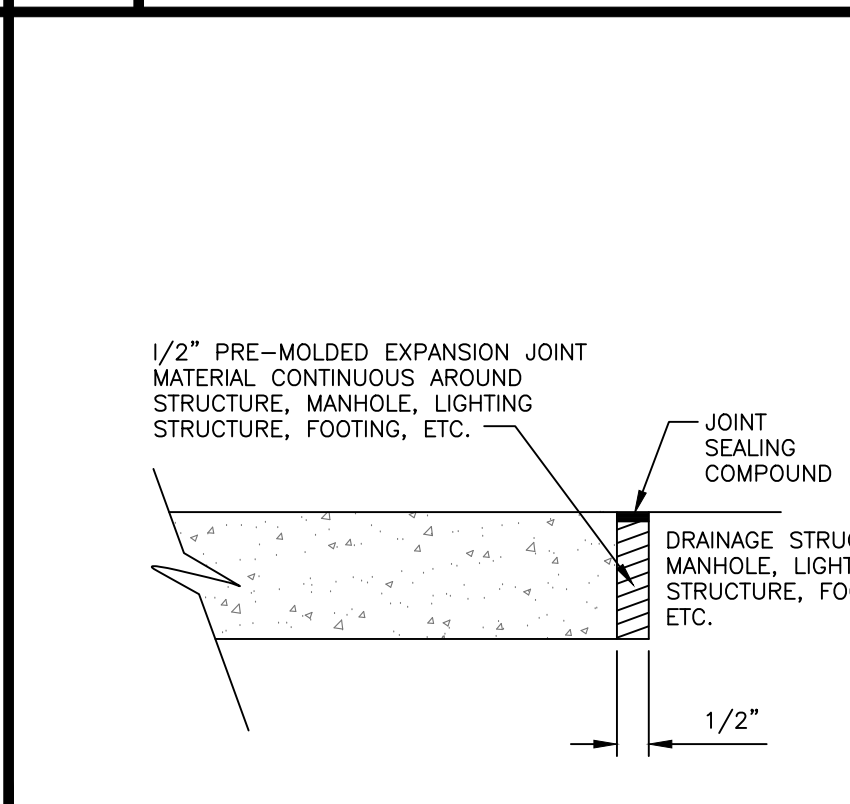


4 PRE-FORMED GALVANIZED METAL CONSTRUCTION JOINT DETAIL NOT TO SCALE

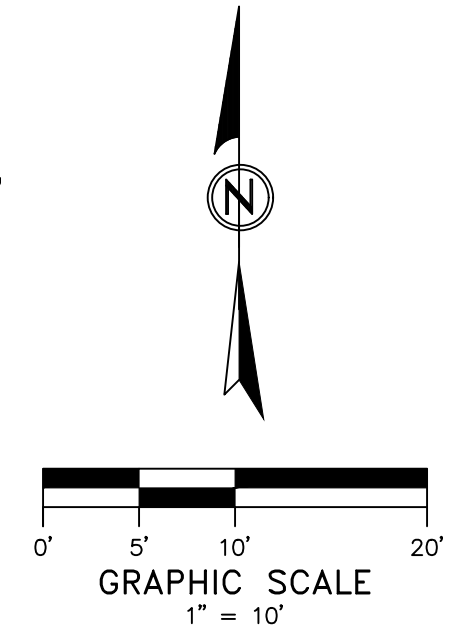
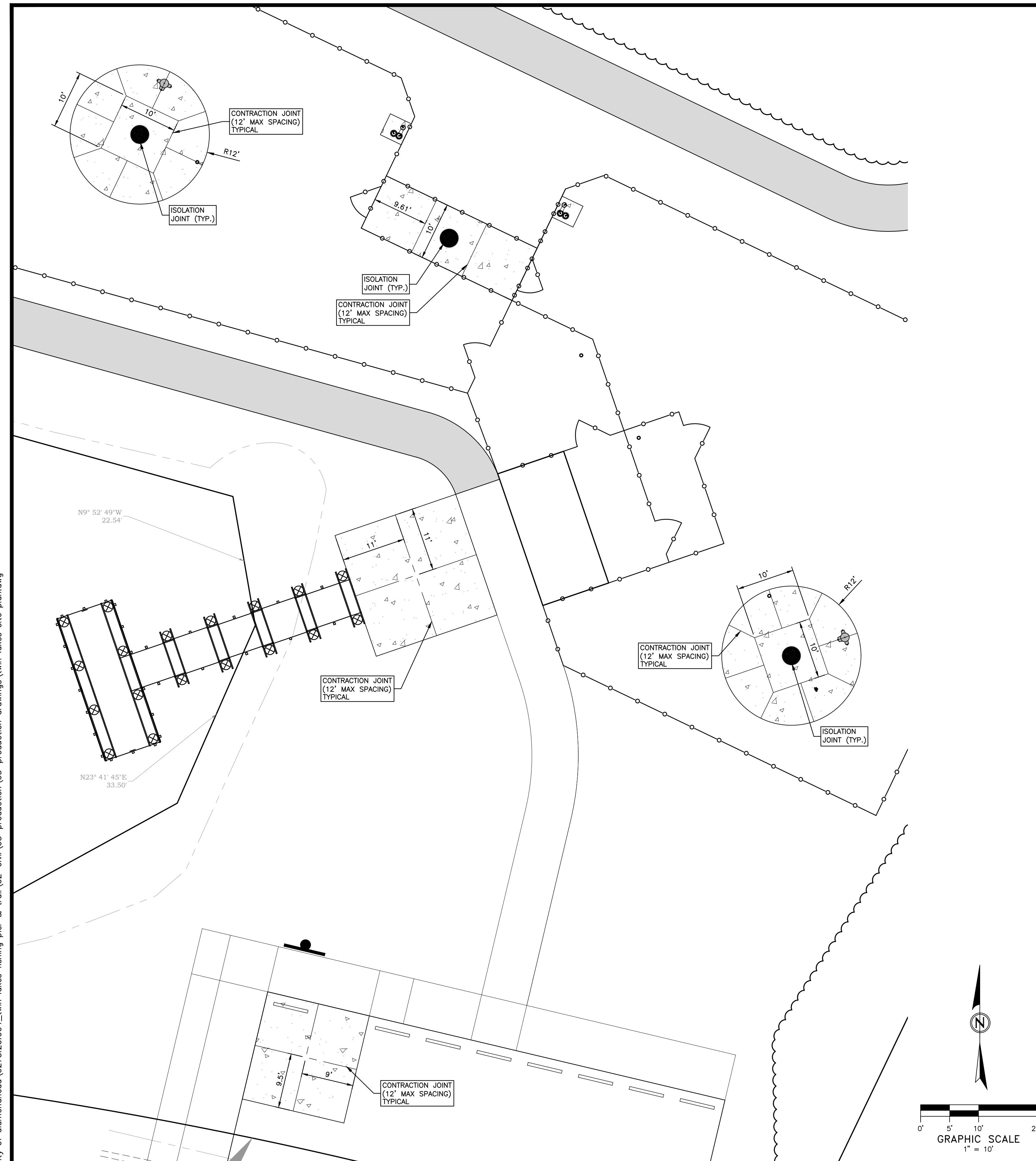


6 CONTRACTION JOINT DETAIL NOT TO SCALE

5 CONCRETE PAD DETAIL NOT TO SCALE

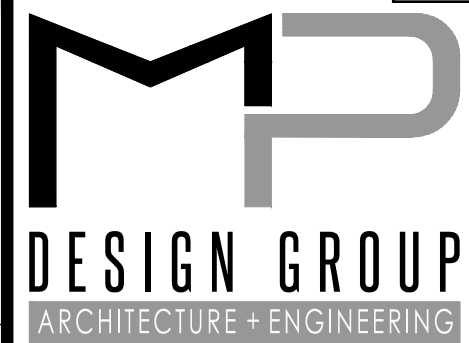


7 ISOLATION JOINT DETAIL NOT TO SCALE



1 JOINTING PLAN

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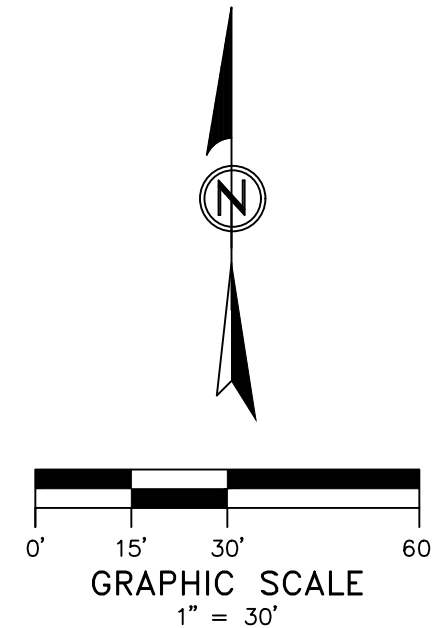
SITE GRADING PLAN

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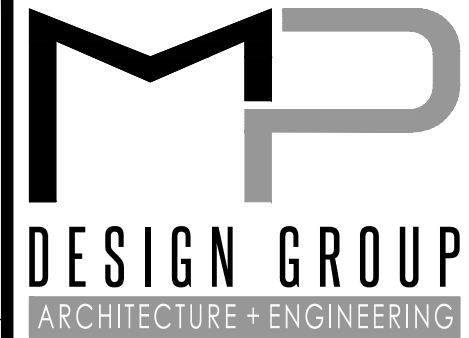
GRADING LEGEND

- 1185.50 • DENOTES PROPOSED SPOT ELEVATIONS
- TC:1185.50 • DENOTES TOP OF CURB/SIDEWALK ELEVATION
- 30 — DENOTES EXISTING GRADE CONTOUR
- 30 ○ DENOTES FINISHED GRADE CONTOUR
- ← -3.50% → DENOTES WATERSHED FLOW DIRECTION
- RL --- DENOTES GRADING RIDGE LINE



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CITY OF DIAMONDHEAD
TWIN LAKE FISHING PIER AND TRAIL
DIAMONDHEAD DRIVE WEST
DIAMONDHEAD, MS 39525

SCALE: AS INDICATED
PROJECT NO: 0275.20.004
DRAWN BY: JGP
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SITE DRAINAGE PLAN

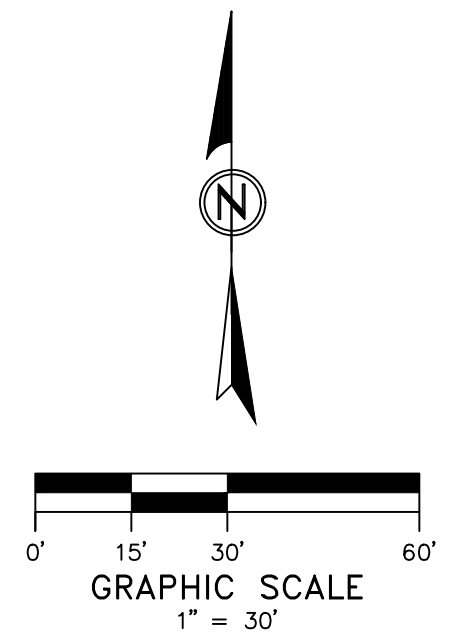
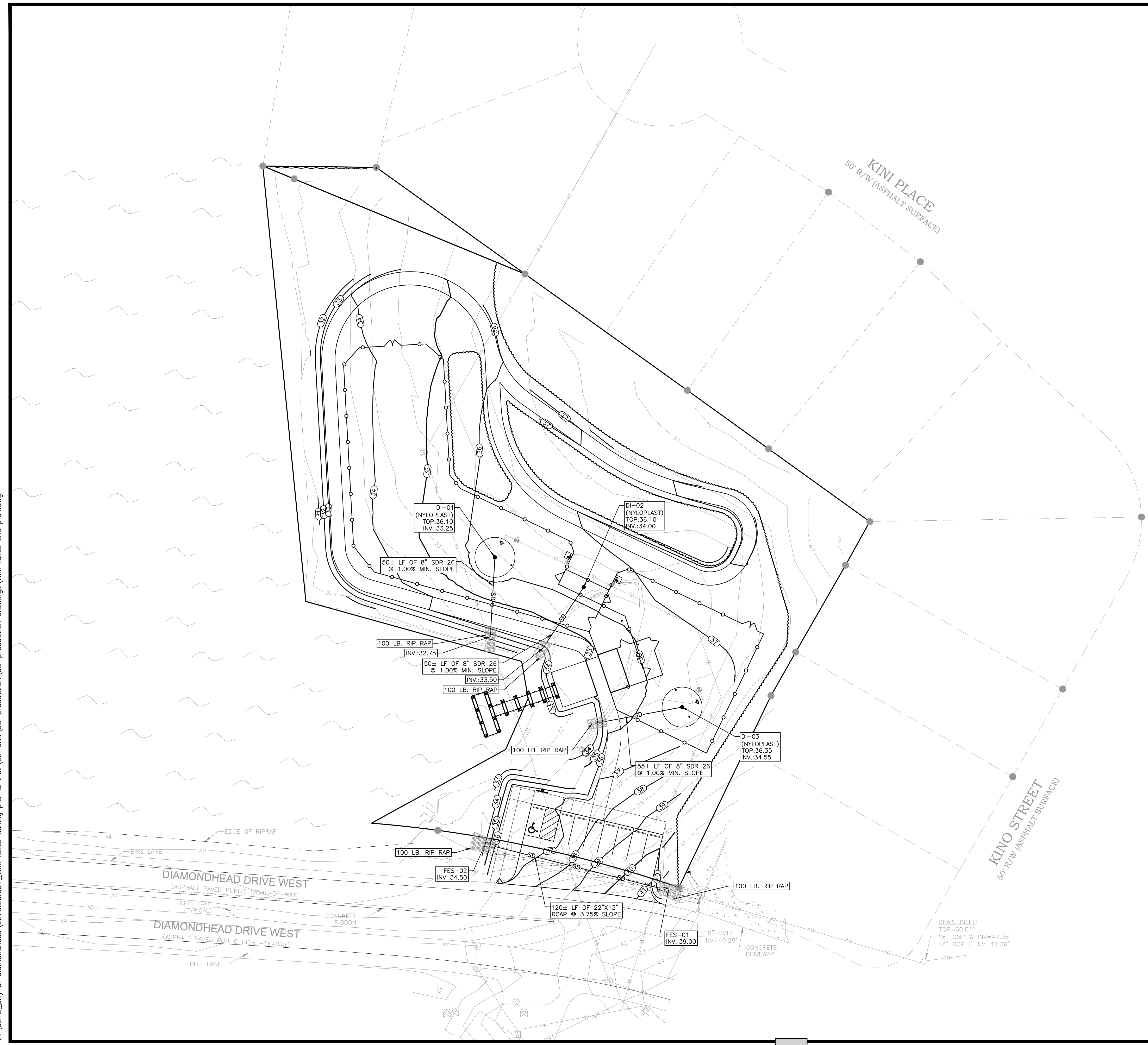
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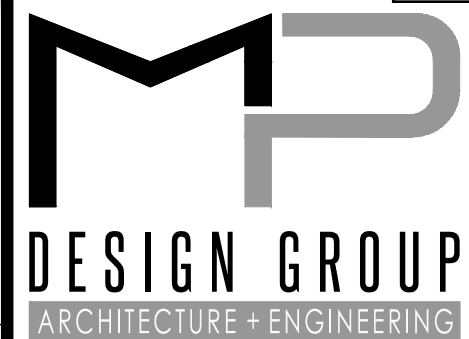
---30--- DENOTES EXISTING GRADE CONTOUR

—(30)— DENOTES FINISHED GRADE CONTOUR



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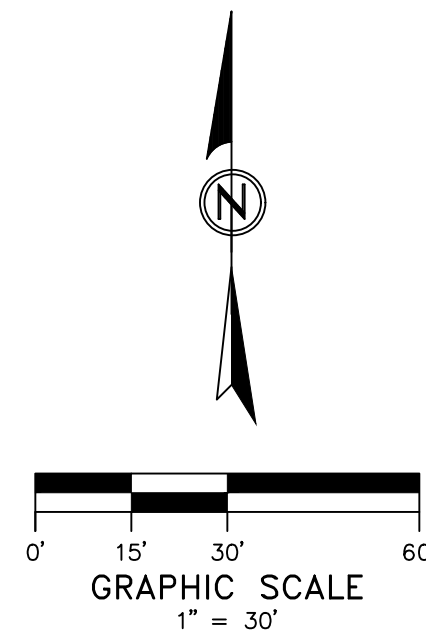
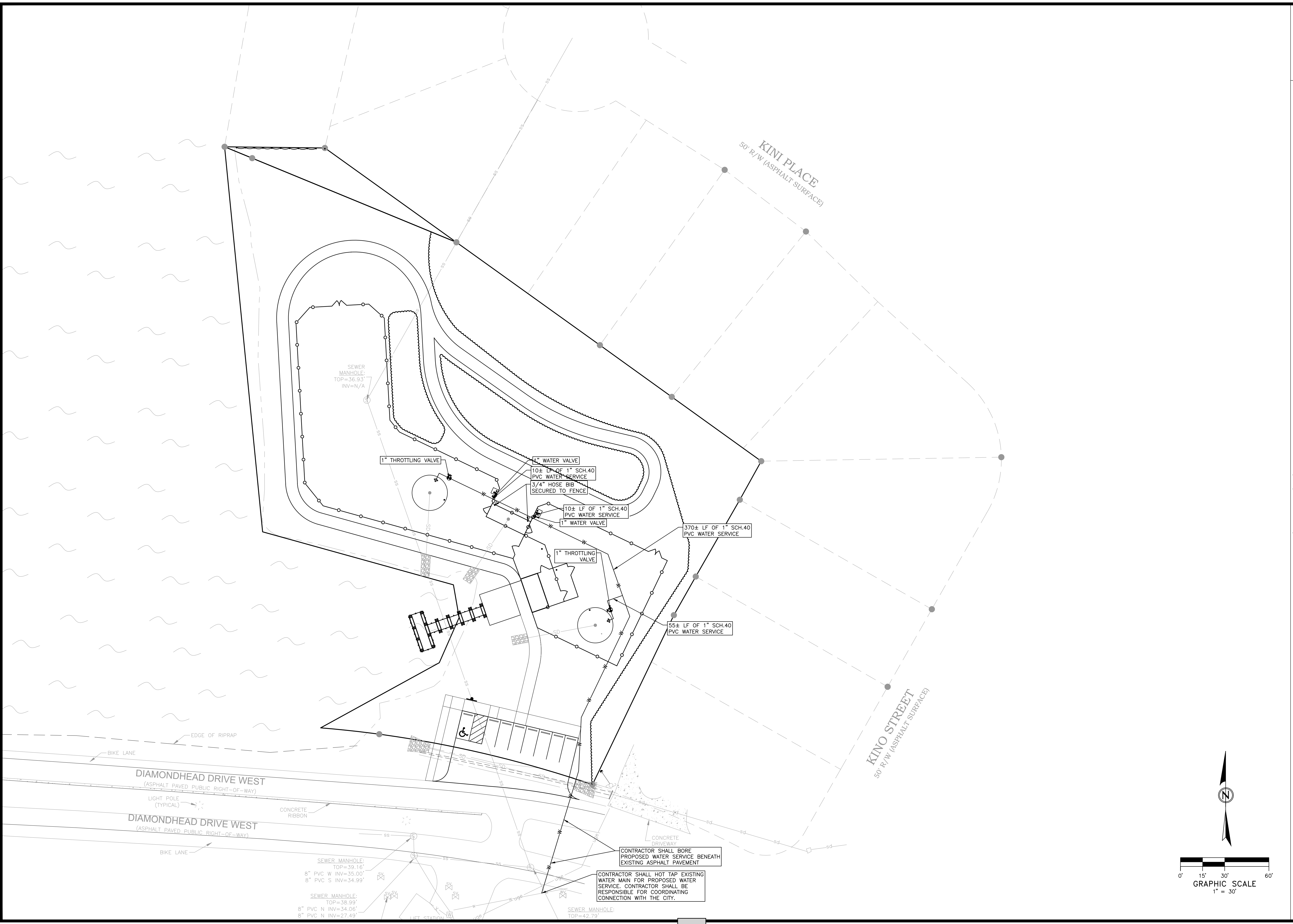
SITE UTILITY PLAN

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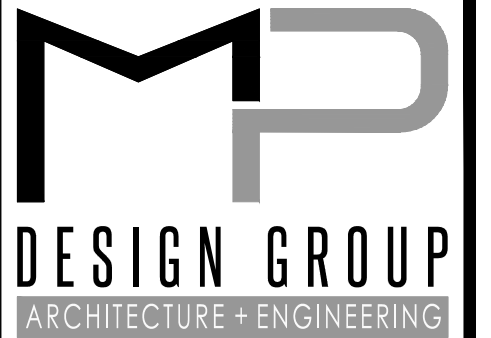
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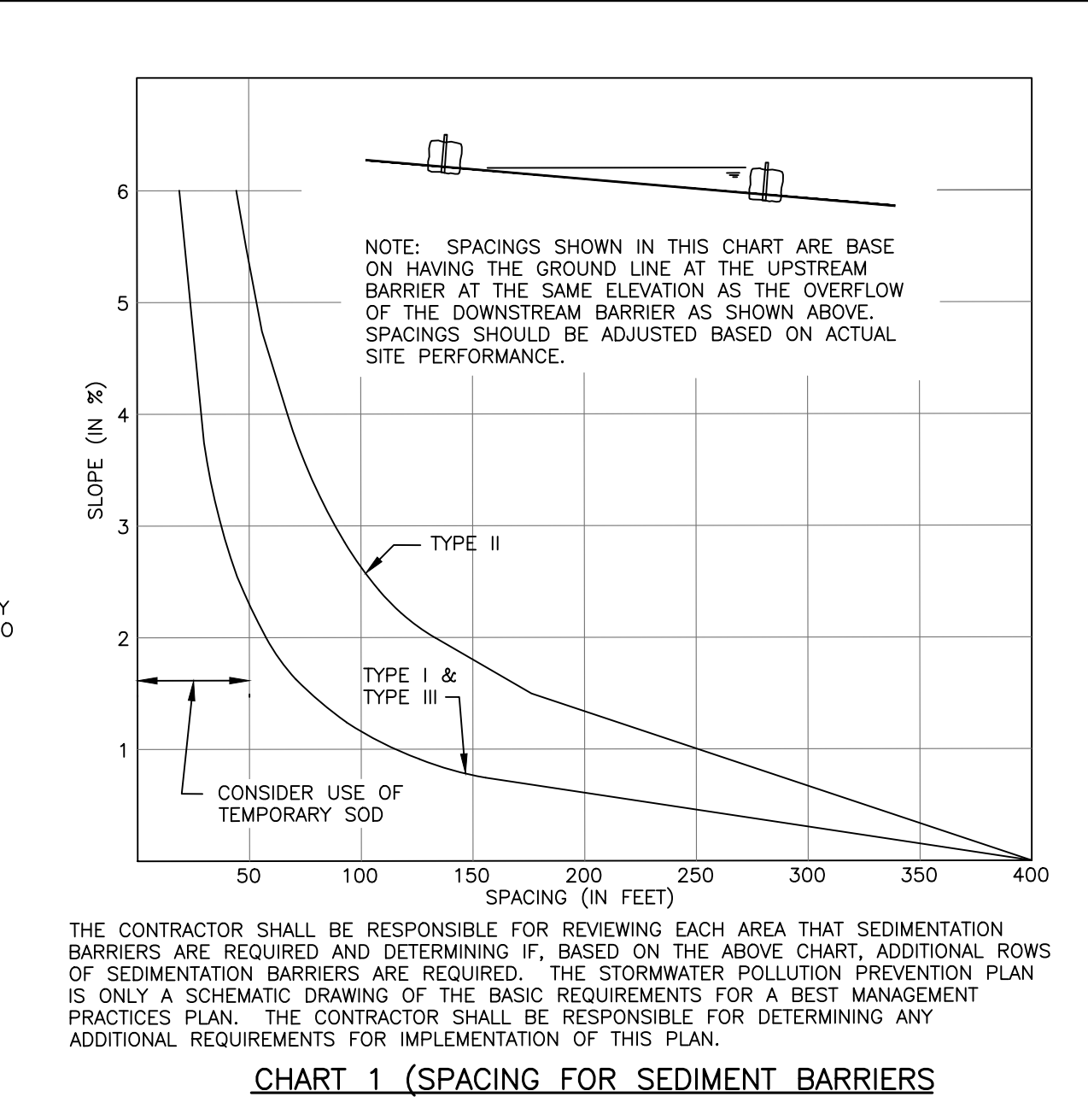
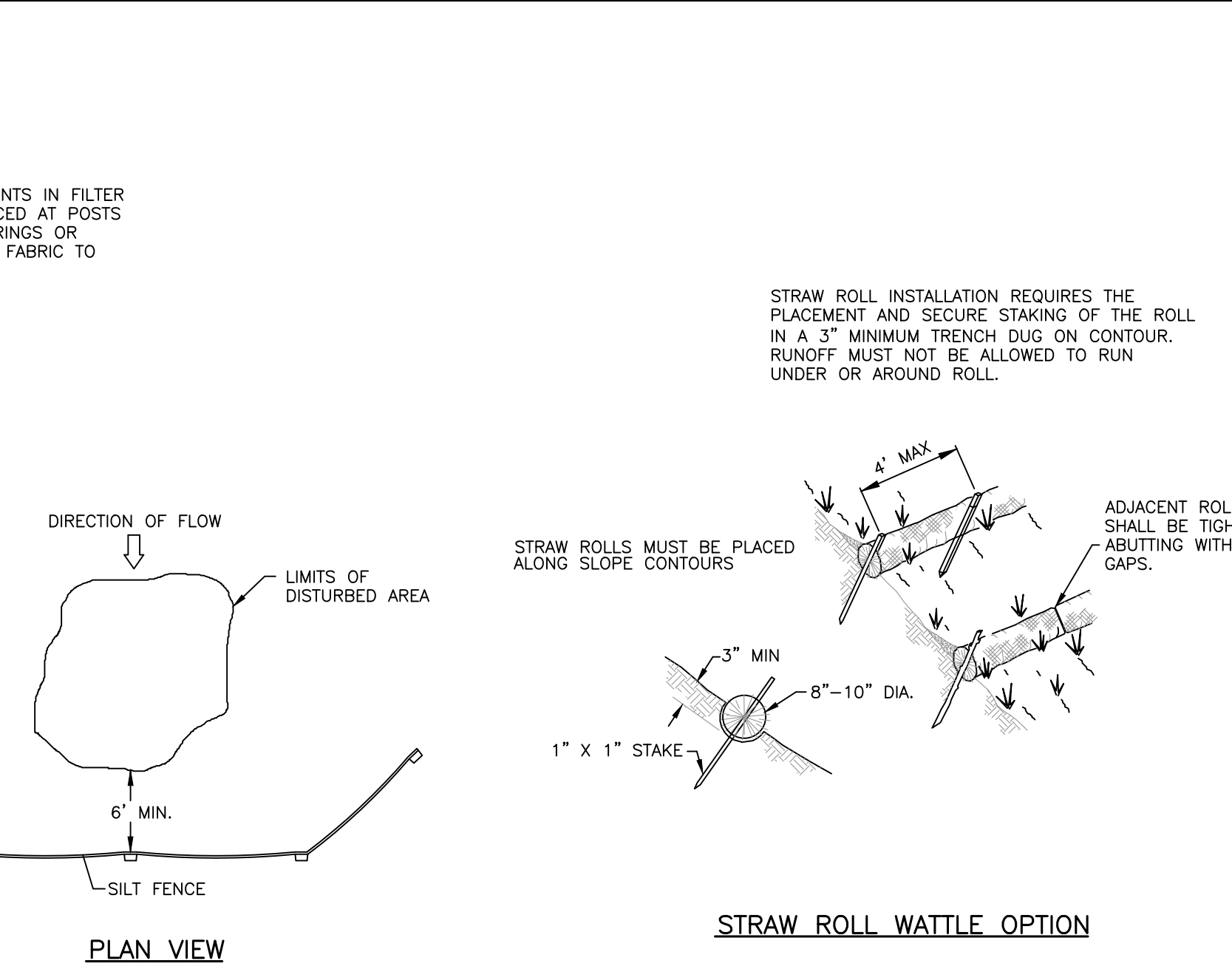
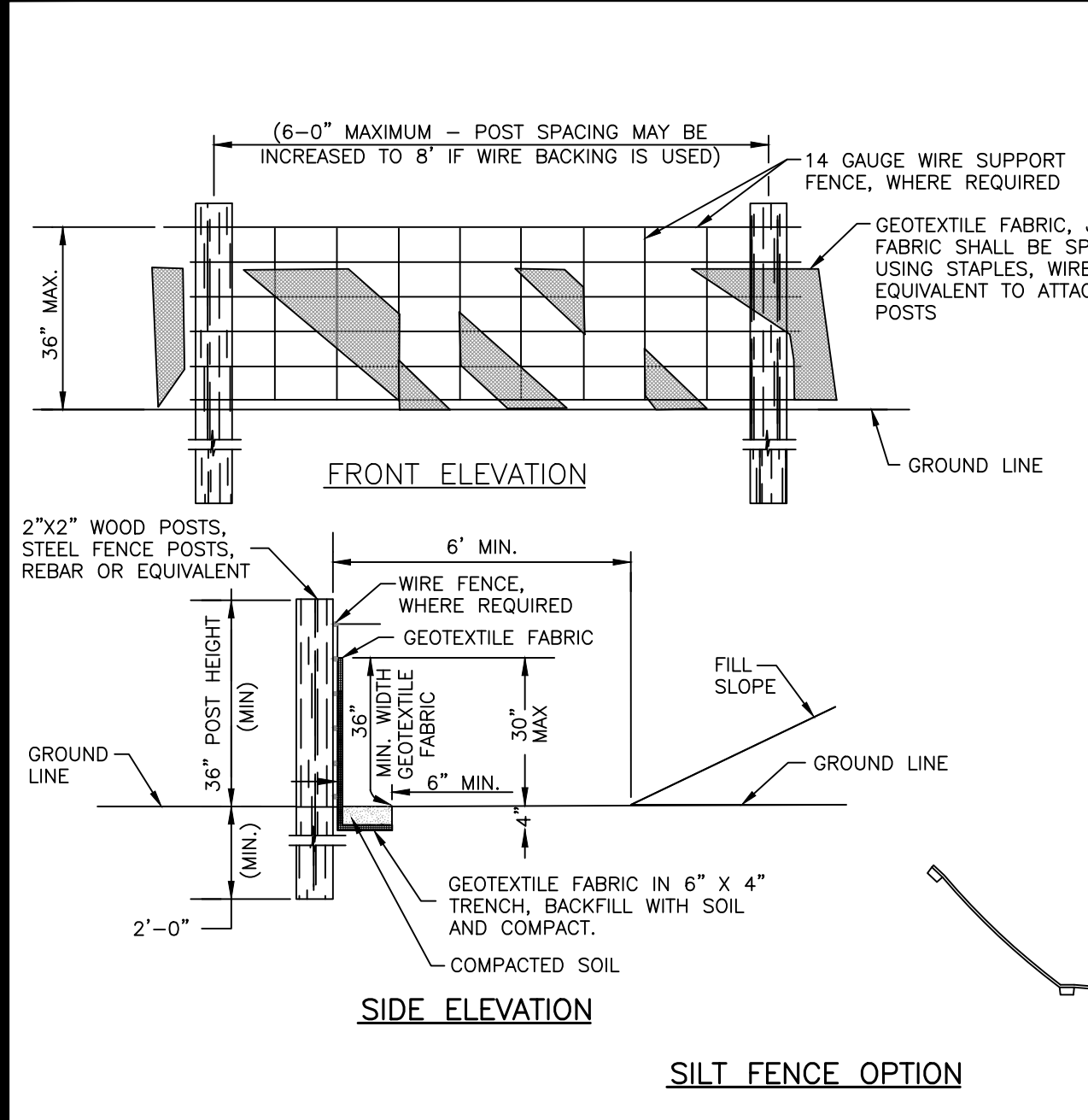
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STORM WATER POLLUTION PREVENTION PLAN

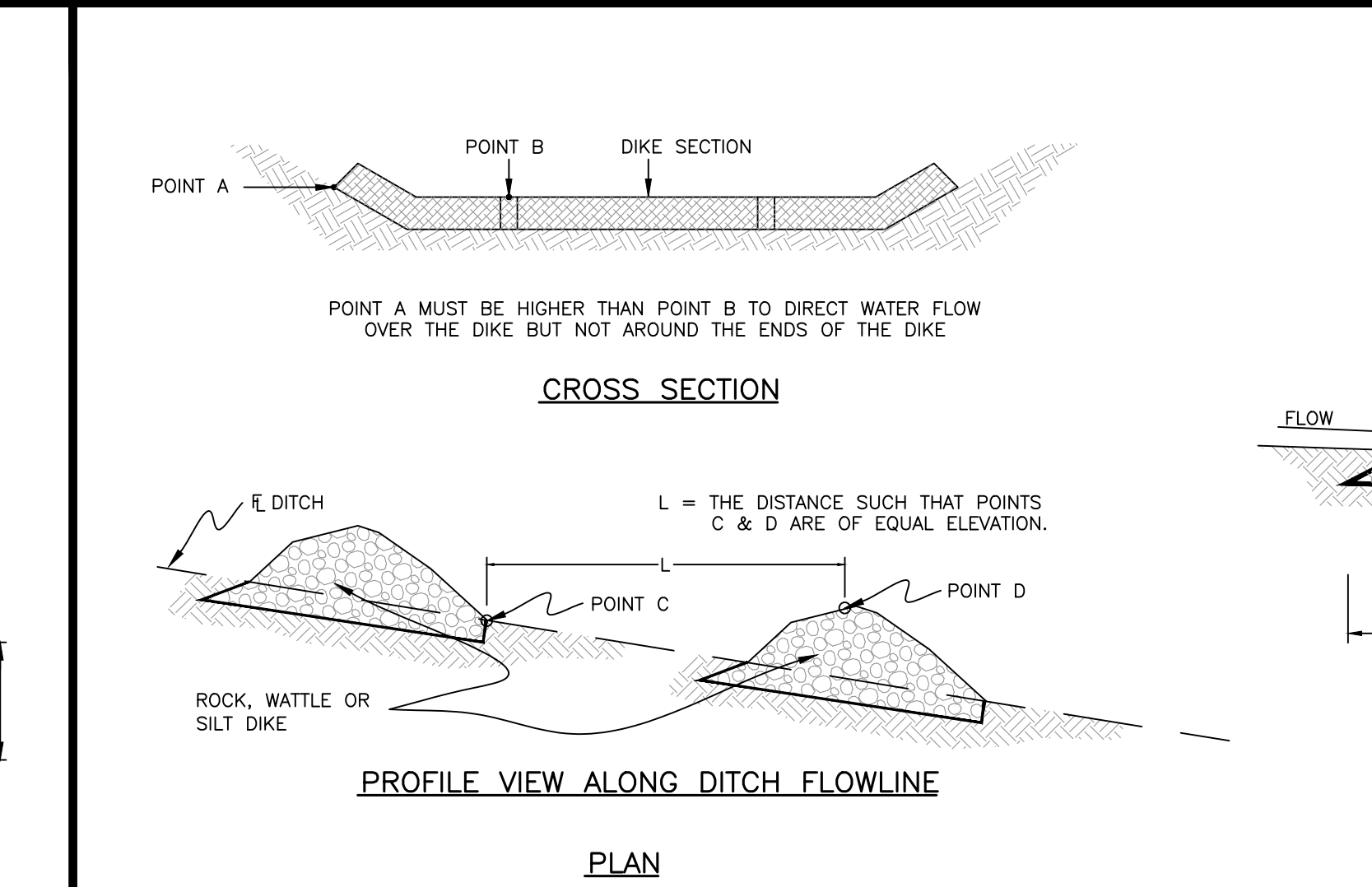
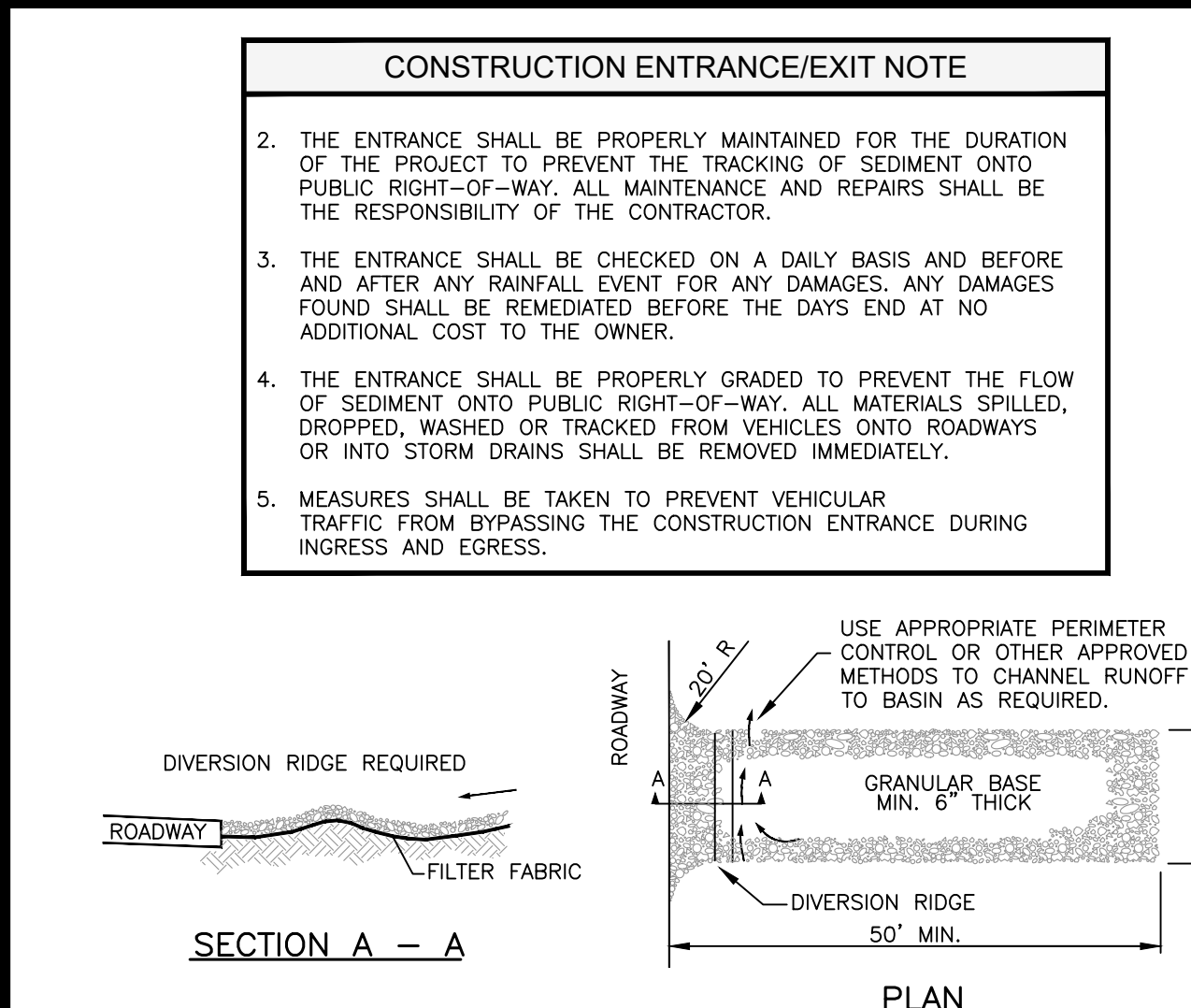
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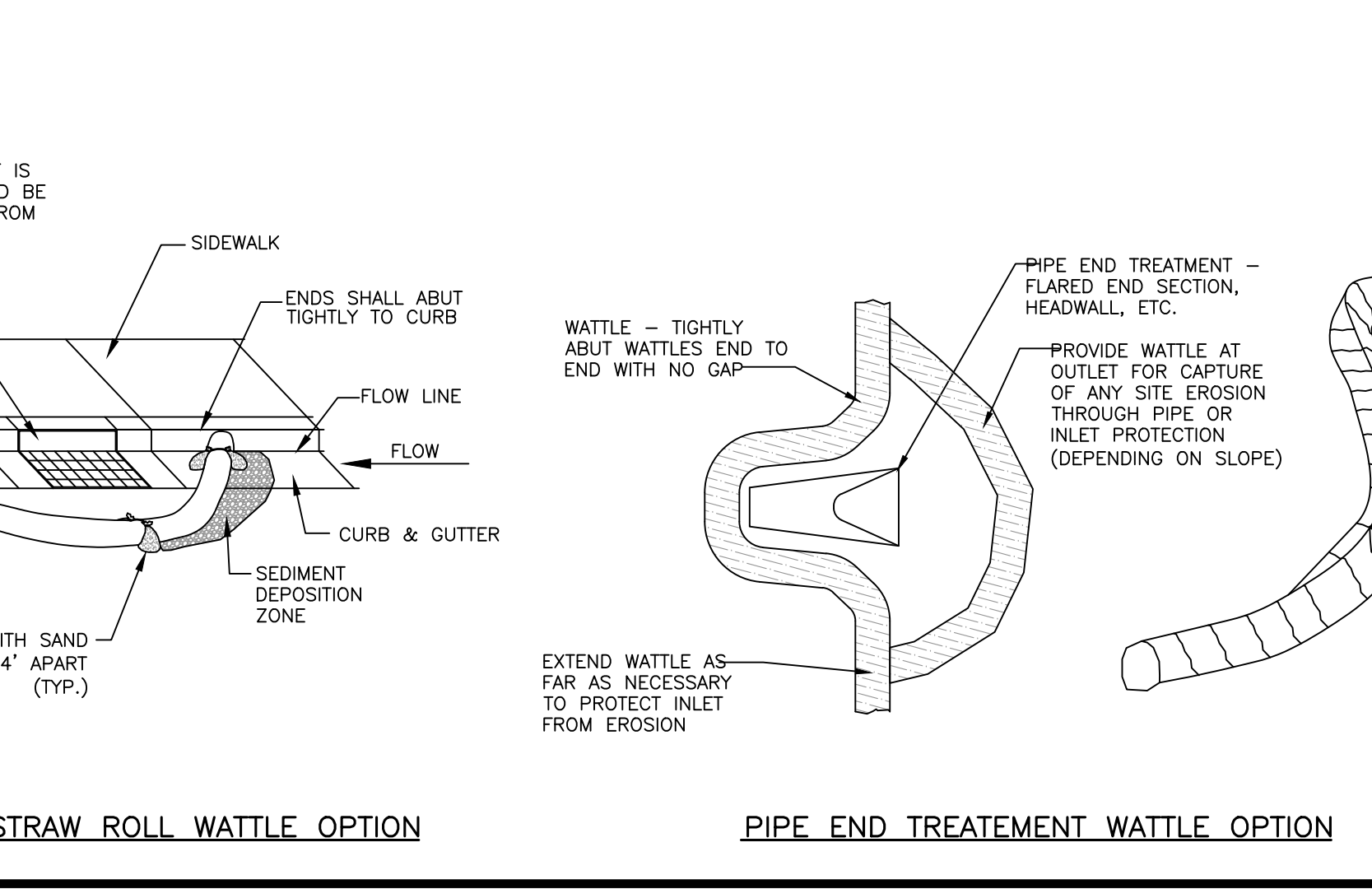
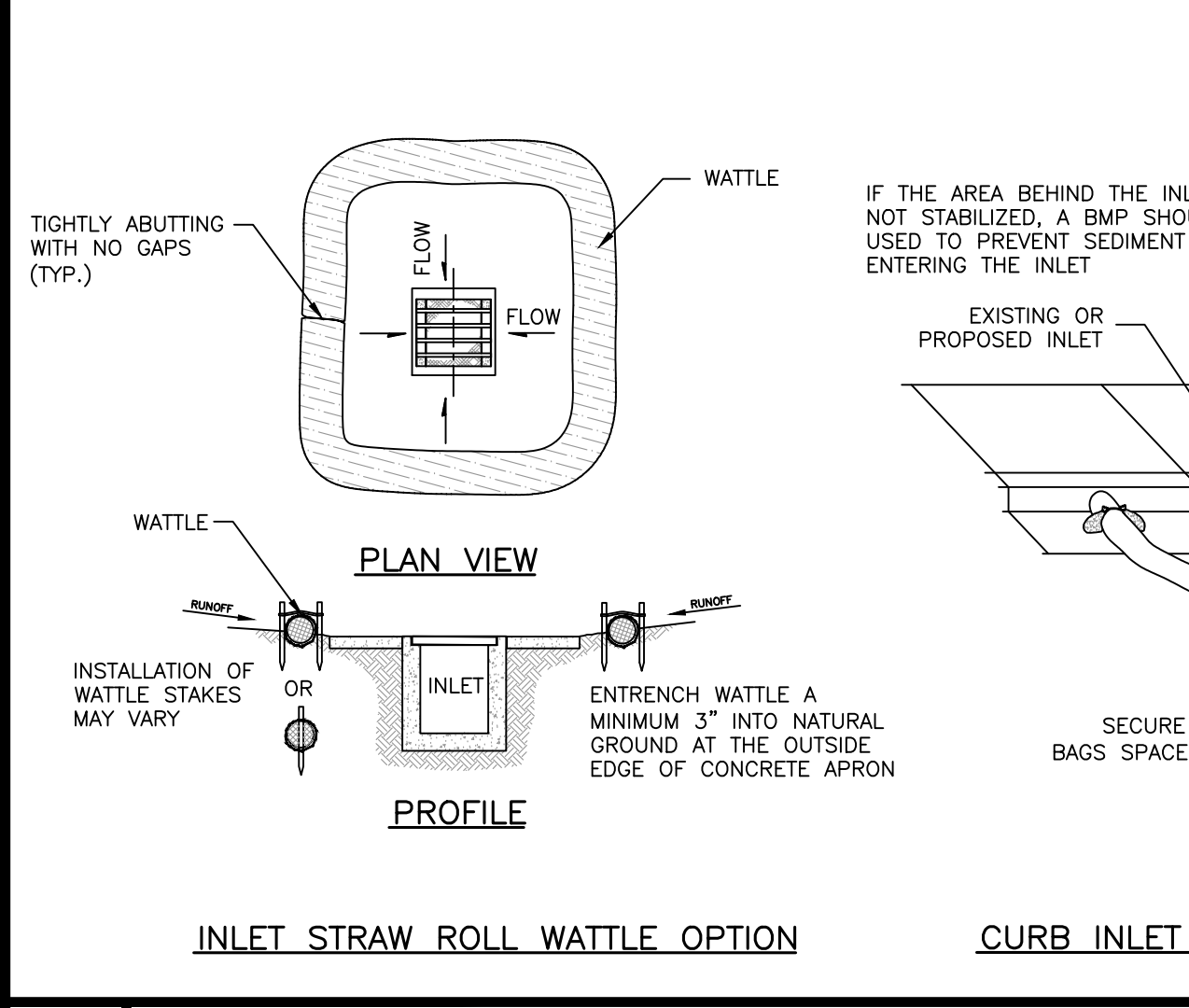
- PERIMETER CONTROL NOTES**
1. FILTER FABRIC FENCES SHALL BE INSTALLED ALONG CONTOUR WHENEVER POSSIBLE.
 2. POSTS SHALL BE SPACED A MAXIMUM OF 6' O.C. SPACING MAY BE INCREASED TO 8' IF WIRE BACKING IS USED.
 3. POSTS SHALL BE A MINIMUM OF 5'-0" IN LENGTH. IN ADDITION POSTS SHALL BE EITHER 2" X 2" N.D. WOOD POST OR HEAVY DUTY STEEL T-POSTS WITH PROJECTIONS FOR WIRE FASTENING.
 4. WIRE SUPPORT FENCE SHALL BE A MINIMUM OF 36" IN HEIGHT, SHALL NOT EXTEND MORE THAN 36" ABOVE THE GROUND, AND SHALL EXTEND 2" INTO THE TRENCH.
 5. WIRE FENCE SHALL BE A MINIMUM OF 14 GAUGE AND SHALL HAVE A MAXIMUM MESH SPACING OF 6". WIRE SHALL BE SECURELY FASTENED TO THE UPSLOPE, PROJECT SIDE OF POSTS USING HEAVY DUTY STAPLES (AT LEAST 1" LONG), THE WIRES OR HOG RINGS.
 6. GEOTEXTILE FABRIC SHALL BE A MINIMUM OF 36" IN HEIGHT, AND SHALL NOT EXTEND MORE THAN 36" ABOVE THE ORIGINAL GROUND SURFACE.
 7. FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE AT THE TOP, MIDDLE, AND BOTTOM OF EACH POST. IN ADDITION THE FABRIC SHALL BE STAPLED OR WIRED TO THE WIRE FENCE APPROXIMATELY ONE HALF (1/2) THE DISTANCE BETWEEN THE POSTS AT THE TOP, MIDDLE AND BOTTOM OF THE WIRE FENCE.
 8. GEOTEXTILE FABRIC SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM OF 3" OVERLAP. EACH FREE END OF THE FABRIC SHALL BE SECURELY TIED TO THE WIRE FENCE AT 6" O.C. VERTICALLY.
 9. SILT FENCES SHALL BE MAINTAINED FOR THE DURATION OF THE PROJECT. THE ENTIRE LENGTH OF FENCE SHALL BE CHECKED FOR ANY DAMAGES ON A DAILY BASIS AND BEFORE AND AFTER ANY RAINFALL EVENT, FOR ANY DAMAGES. ANY DAMAGES FOUND SHALL BE REMEDIATED BEFORE THE DAY'S END AT NO ADDITIONAL COST TO THE OWNER.
 10. SILT FENCES SHALL BE MAINTAINED TO PREVENT ANY MATERIAL FROM MIGRATING FROM THE UPSLOPE SIDE OF THE FENCE. ANY REQUIRED MAINTENANCE OF THE SILT FENCE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
 11. SEDIMENT DEPOSITS SHALL BE REMOVED AFTER EACH RAINFALL EVENT AND WHEN DEPOSITS REACH APPROXIMATELY ONE-HALF (1/2) THE HEIGHT OF THE FENCE.
 12. IN ORDER TO PREVENT SEDIMENT LADEN STORM WATER FROM BY-PASSING THE FENCE, IN AREAS WHERE SILT FENCES ARE NOT UTILIZED ON ALL SIDES OF A DISTURBED AREA, THE FENCE SHALL EXTEND BEYOND THE DISTURBED AREA IN J-HOOK SHAPE ON EACH END AS SHOWN IN THE ISOLATED SILT FENCE INSTALLATION PLAN VIEW.

1 PERIMETER CONTROL DETAILS



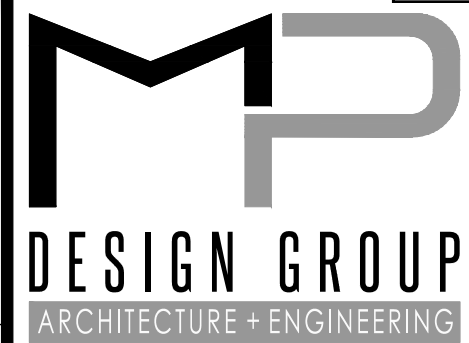
3 CHECK DAM PLACEMENT DETAIL

2 CONSTRUCTION ENTRANCE/EXIT DETAIL



5 TYPICAL INLET PROTECTION DETAILS

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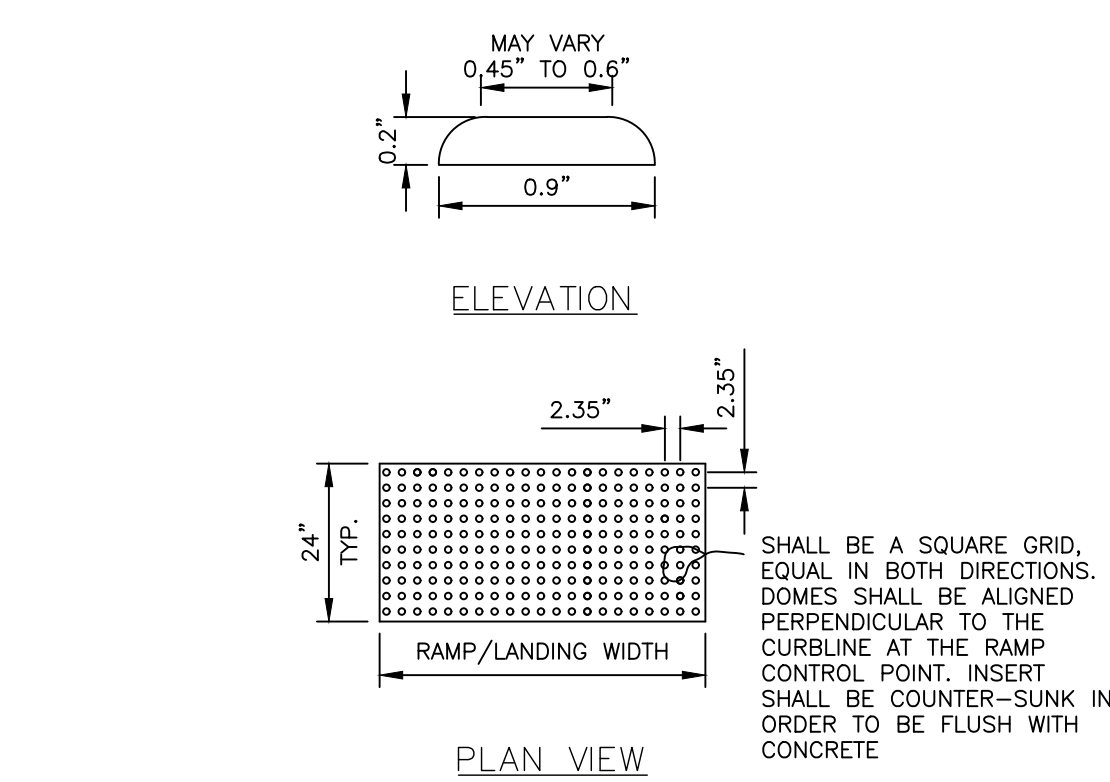
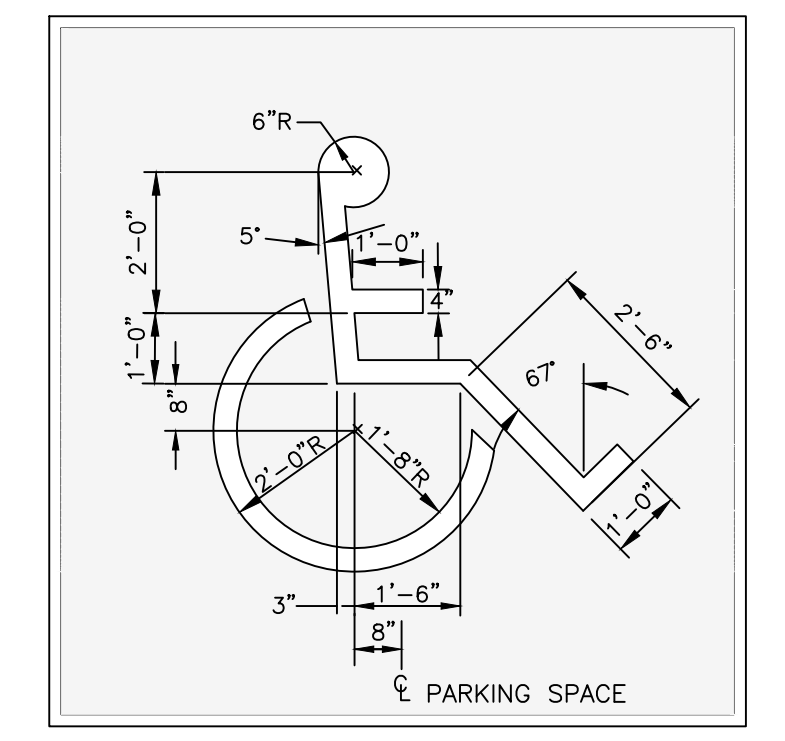
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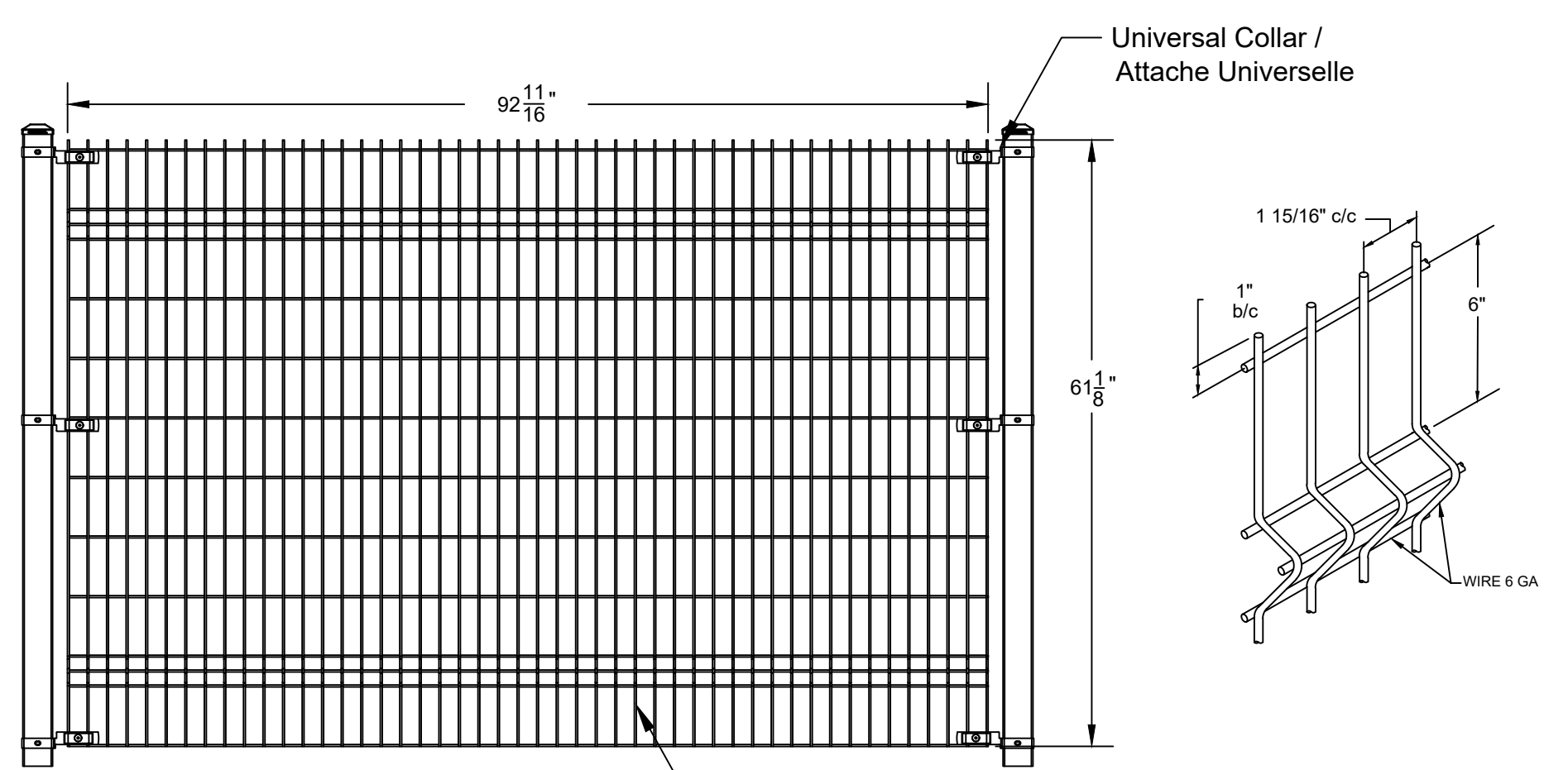
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HANDICAP SYMBOL DETAIL NOTES
1. PAVEMENT SYMBOL SHALL BE PAINTED WHITE ON A BLUE BACKGROUND.
2. BLUE COLOR SHALL MATCH NO. 15090 IN THE FEDERAL STANDARD 595B AS SPECIFIED IN SECTION 522(B)2.



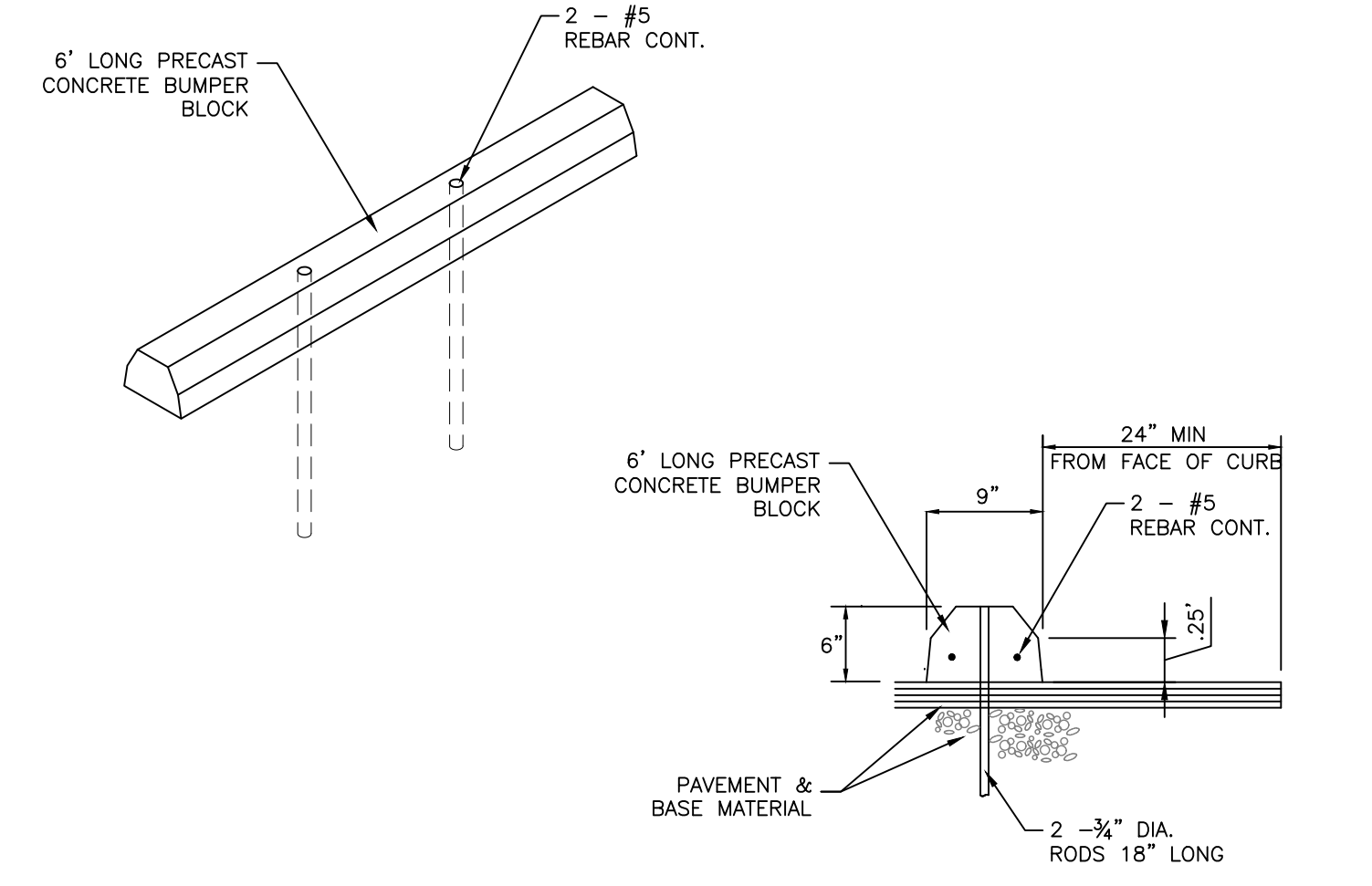
3 INTERNATIONAL HANDICAP SYMBOL DETAIL NOT TO SCALE

4 TRUNCATED DOME DETECTABLE WARNING DETAIL NOT TO SCALE



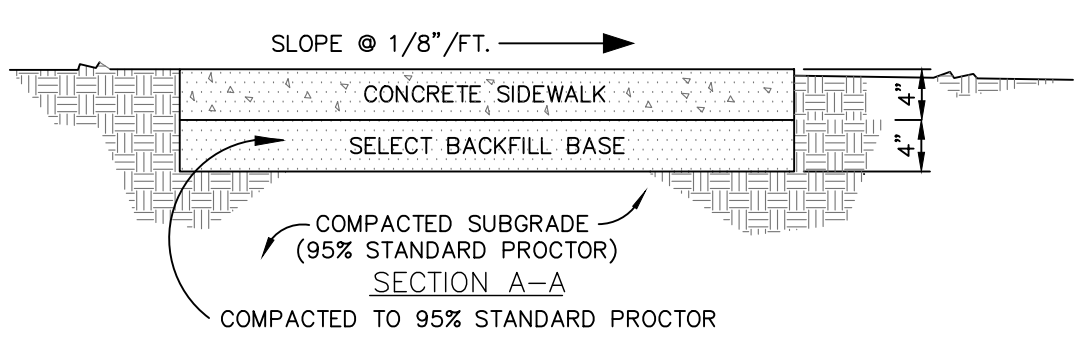
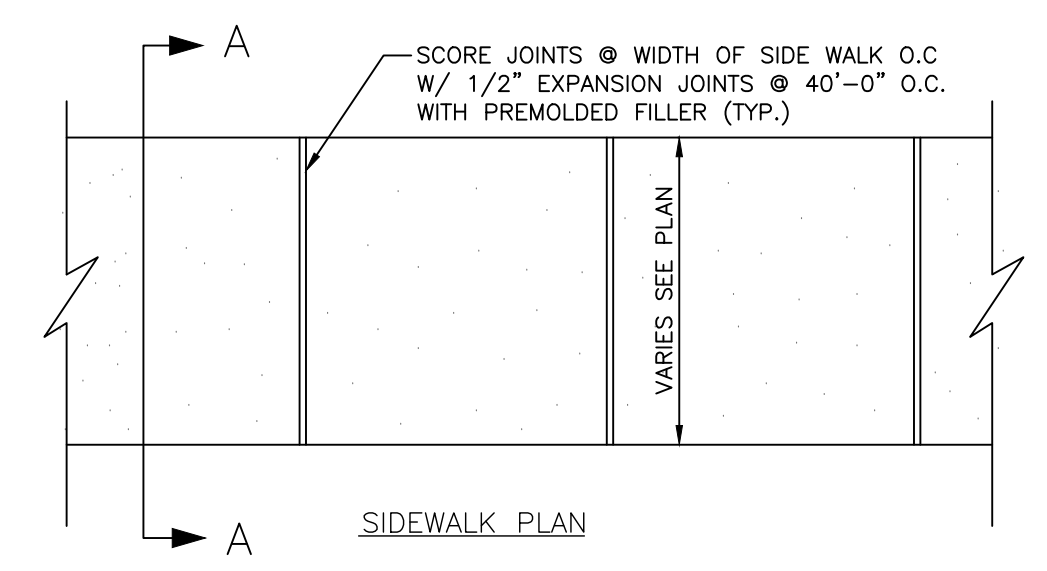
ALL FENCING MATERIALS SHALL BE COLOR CODE PAL:5003, SAPPHIRE BLUE

1 OMEGA II ARCHITECTURAL FENCE DETAIL NOT TO SCALE

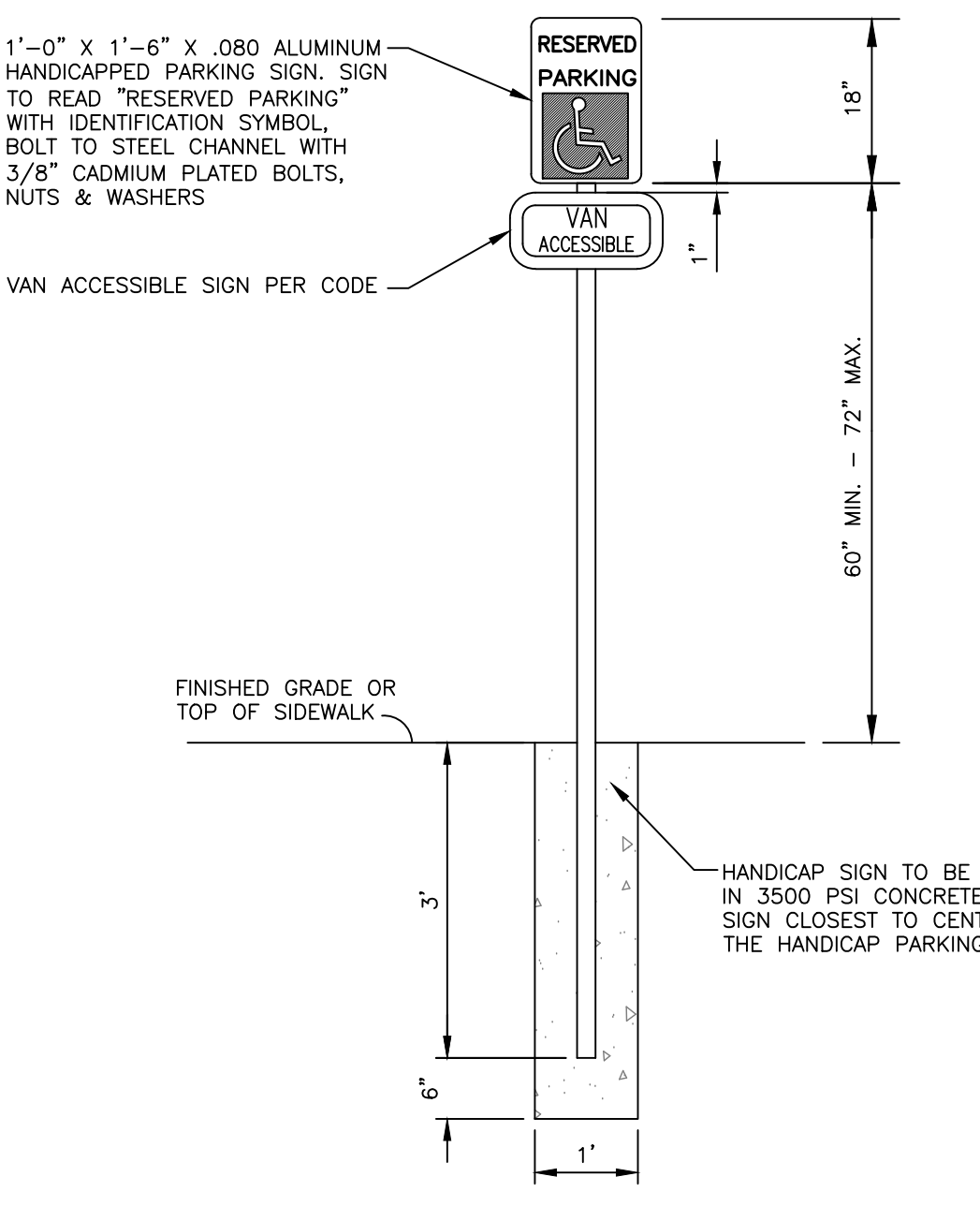


2 PRECAST CONCRETE WHEEL STOP DETAIL NOT TO SCALE

SIDEWALK NOTES
1. ALL JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ACI 330R-08 OR SECTION 3.07 IN THE NRMCA GUIDE SPECIFICATIONS.
2. EXPANSION JOINTS SHALL BE LOCATED WHERE SIDEWALK ABUTS CONCRETE DRIVEWAYS, CURB OR OTHER ADJACENT STRUCTURES.
3. CONTRACTION JOINTS SHALL BE PLACED AT INTERVALS OF APPROXIMATELY 5 FEET OR AT A SPACING THAT MATCHES THE ADJACENT CURB.
4. JOINTS SHALL BE PROVIDED WITHIN TWELVE (12) HOURS OF FINISHING CONCRETE.
5. CONTRACTION JOINT CUTS SHALL BE 1/4 OF THE PAVEMENT THICKNESS DEEP. THE WIDTH OF THE CUT SHOULD BE APPROXIMATELY 1/8 INCH FOR UNSEALED JOINTS AND 1/4 INCH FOR SEALED JOINTS.
6. FORMED CONTRACTION JOINTS SHALL BE FINISHED WITH A TOOL HAVING A 1/4" RADIUS.
7. SCORED JOINTS SHALL BE 1/4" DEEP AND PLACED AT THE SPACING INDICATED FOR THE WIDTH OF SIDEWALK OR MATCH SCORED JOINTS OF ADJACENT CURB.
8. CONCRETE SHALL BE FINISHED BY MEANS OF A FLOAT, STEEL TROWELLED AND BROOMED WITH A FINE BRUSH IN A TRANSVERSE DIRECTION.
9. CONTRACTOR SHALL INSTALL CONTRACTION JOINTS AT THE END OF ONE PLACEMENT AND THE BEGINNING OF A SECOND PLACEMENT.
10. CONTRACTOR SHALL CONTINUE CONTRACTION JOINTS THROUGH CURB AND GUTTER TO HELP ELIMINATE SYMPATHY CRACKS.

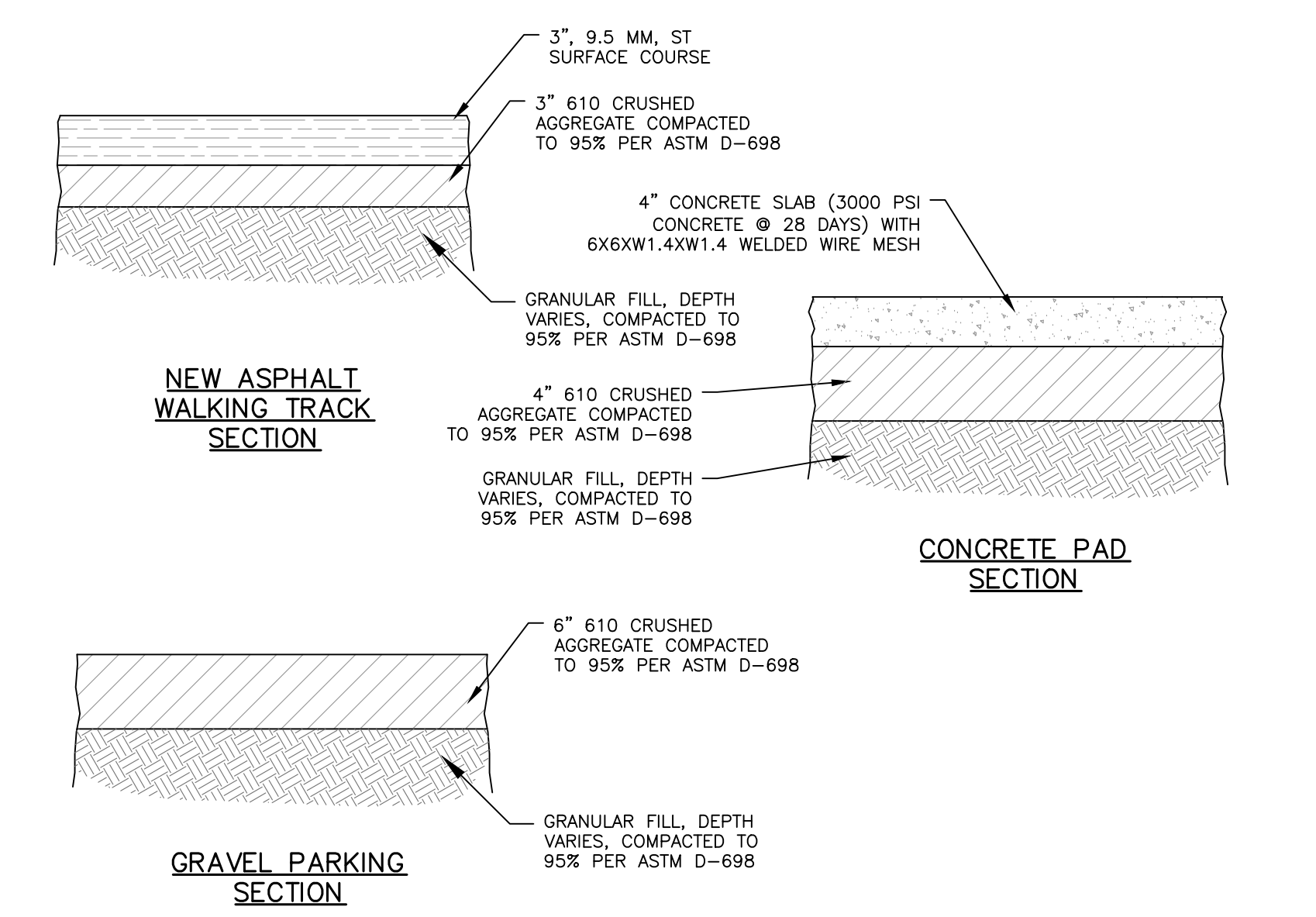


5 SIDEWALK DETAIL NOT TO SCALE



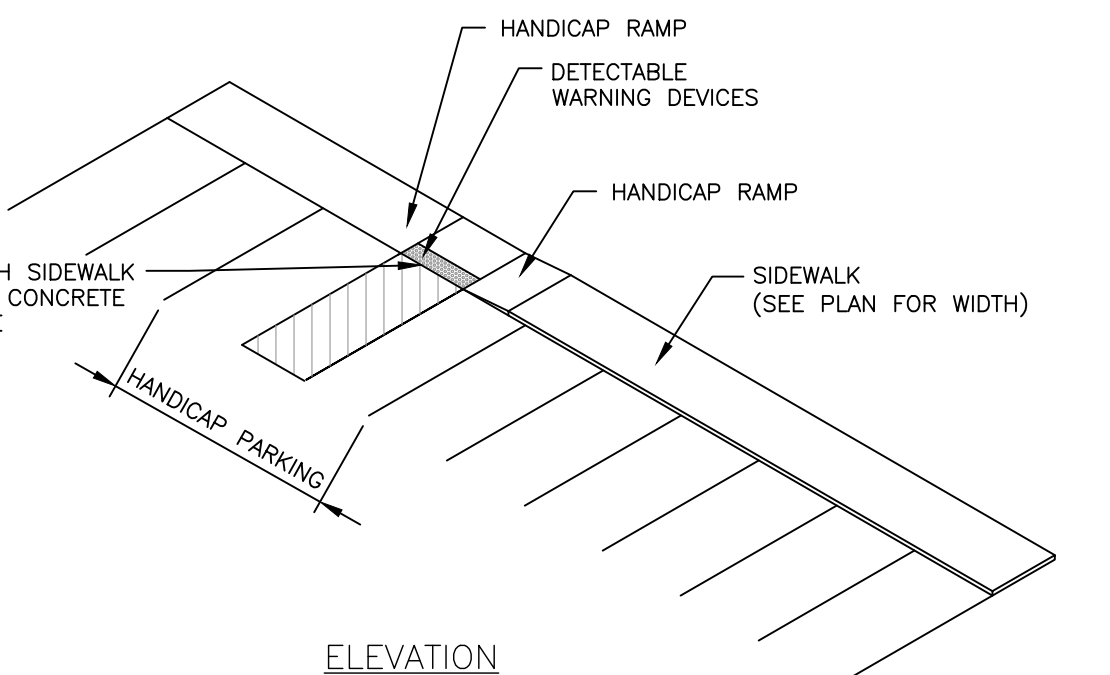
HANDICAP SIGN DETAIL NOTE
HANDICAP PARKING SIGN SHALL CONFORM WITH CURRENT STATE AND LOCAL CODES AND REGULATIONS.

6 HANDICAP SIGN DETAIL NOT TO SCALE



7 TYPICAL SECTIONS

HANDICAP RAMP DETAIL NOTES
1. WIDTH OF END PARKING STALLS ADJACENT TO CURB & GUTTER OR PRECAST CURB SHALL BE MEASURED FROM FACE OF CURB WHERE APPLICABLE.
2. ALL STRIPING CONTIGUOUS TO HANDICAPPED PARKING SPACES SHALL BE PAINTED BLUE.
3. "NO PARKING" 12" STENCIL MARKING, REFLECTIVE WHITE OVER BLUE STRIPES.
4. HANDICAP PARKING GRADES SHALL NOT EXCEED 1:48 IN ANY DIRECTION.

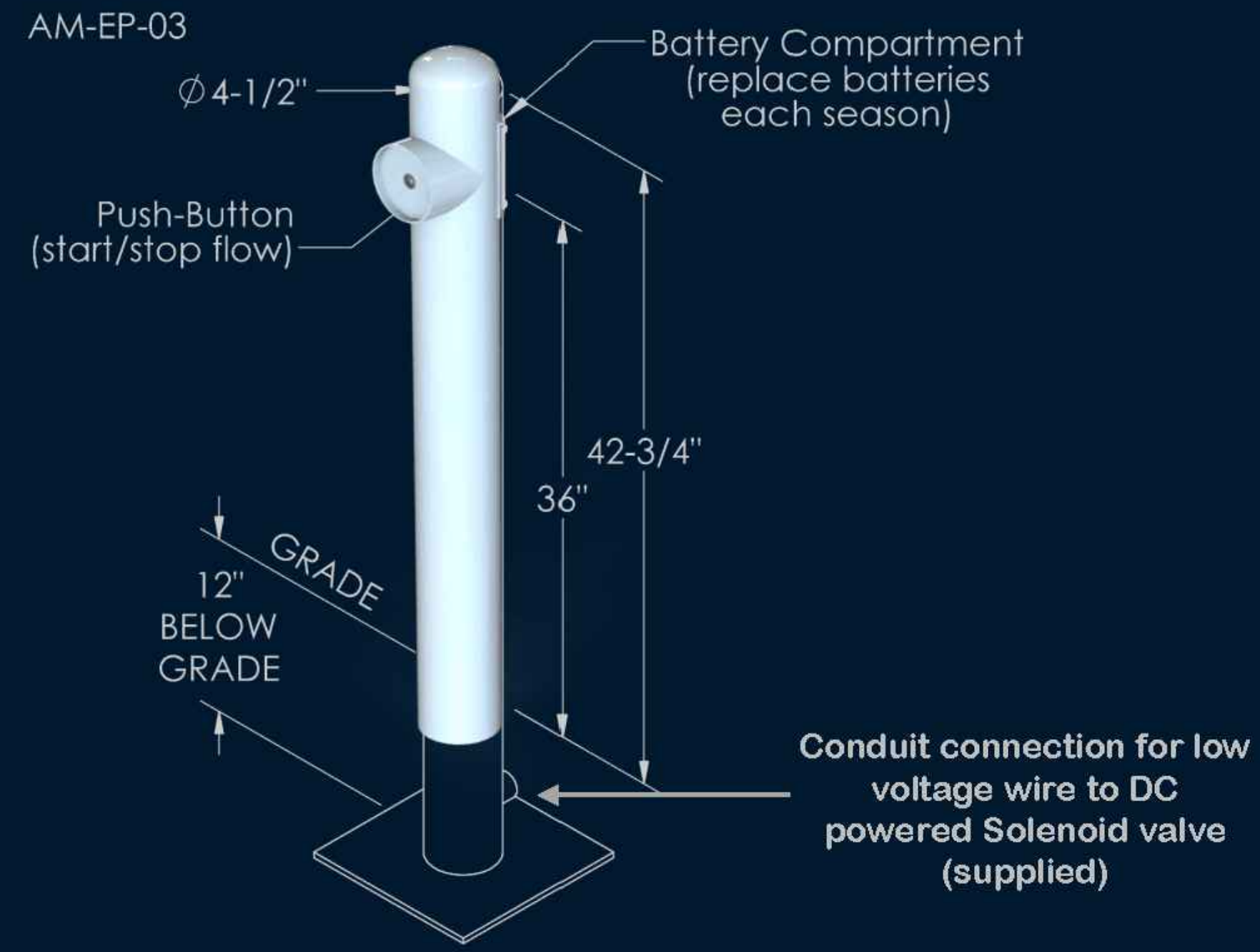


8 HANDICAP RAMP DETAIL NOT TO SCALE

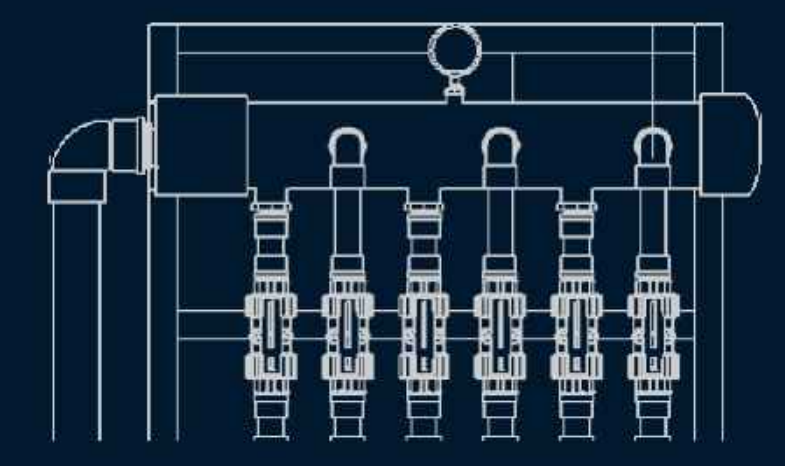
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H2O Fido™ EcoPlay Splash Pad Activator - Timer

We created our Eco-Play for small splash pads on a budget. This battery powered bollard requires no electricity and will start your splash water with the touch of a button. Water automatically stops after the amount of time you have selected from 1 – 10 minutes. Eco-Play simply starts and stops the water supply. This system does not sequence sprays. Balancing valves to adjust individual spray volume are supplied by your installer or can be ordered from H2O Fido. Battery cycle is rated for 5000+ activations.



- ✓ No Electrician required
- ✓ Easy to Install
- ✓ Push Button to Start Splash Pad
- ✓ Adjustable auto turn off 1 – 10 minutes



Optional balancing manifold for manually adjusting sprays feature available

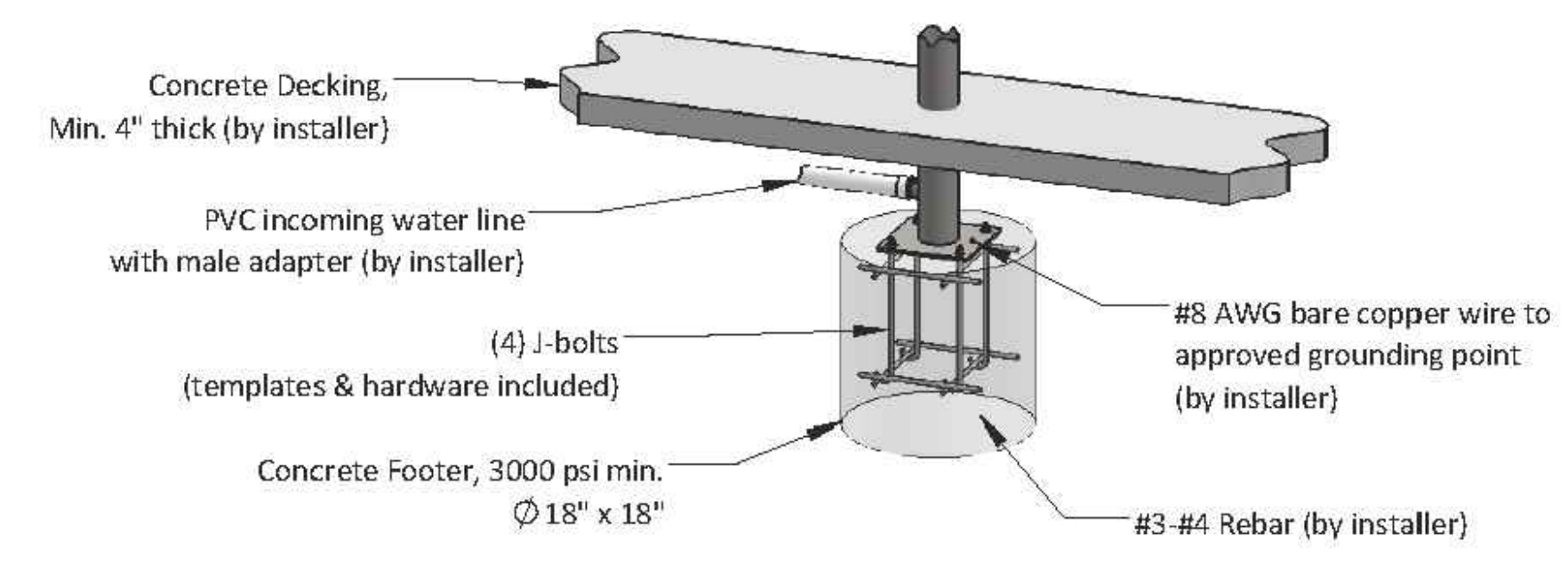
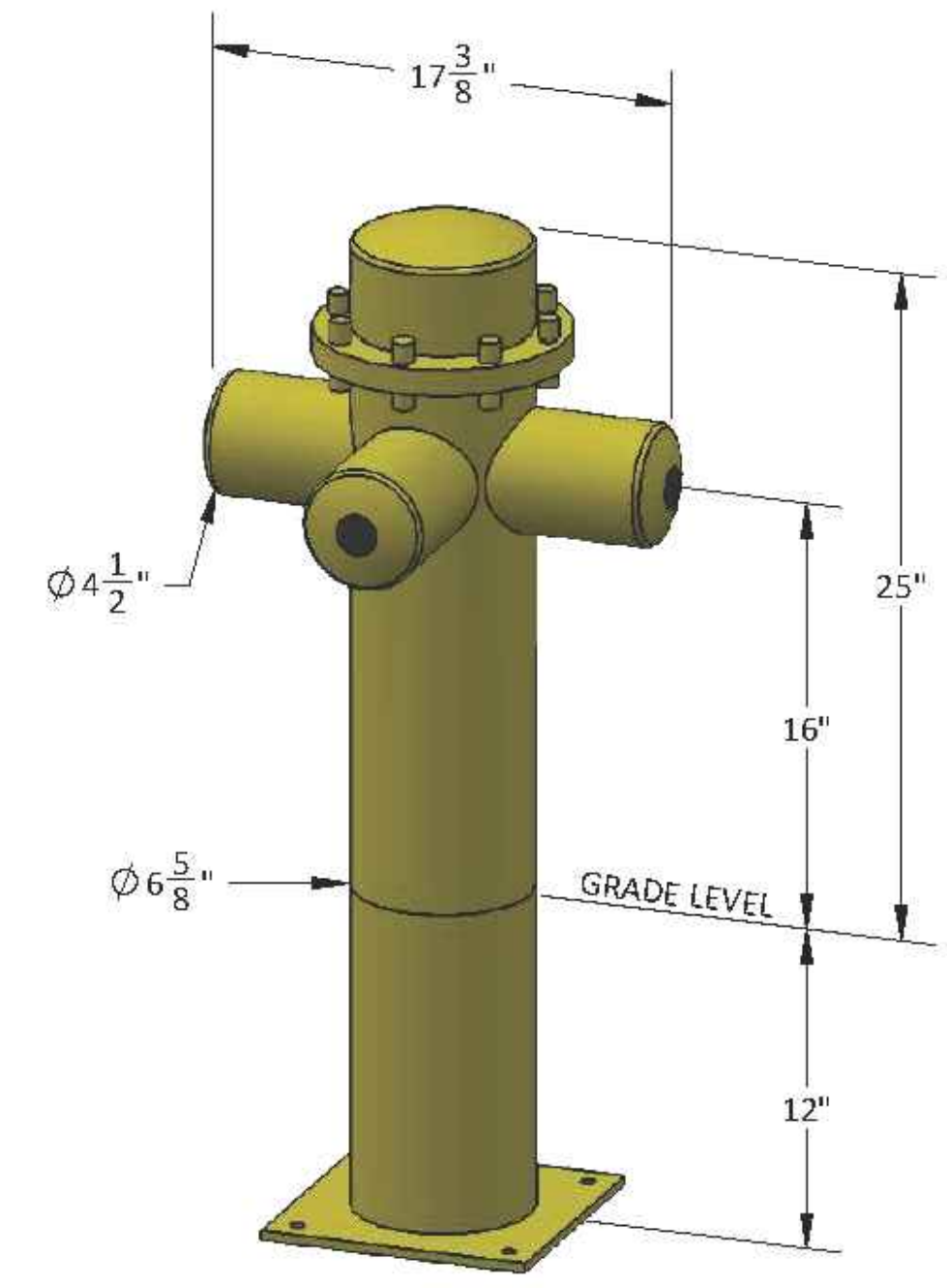


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FSF-FH-25 Mist Hydrant

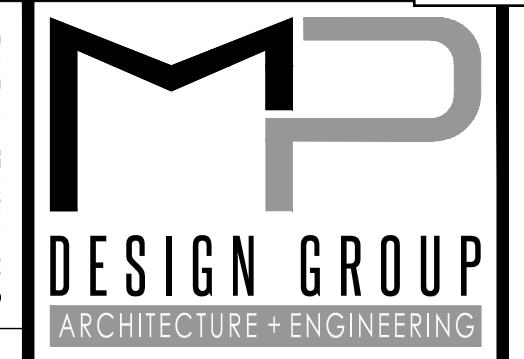
FIDO-friendly FEATURE



Model	Weight (lbs)	Materials	Nozzles	Finish	Flow	Below Grade Connections
FSF-FH-01	60	Baseplate: 3/8" A304 SS Body: A304 SS Single Body Welded	(3) Brass (standard unless spec'd otherwise)	Dupont Industrial Power Coating (color per choice)	1.5-6 gpm	Plumbing - 3/4" F-NPT Grounding - 1/4-20 S.S. stud



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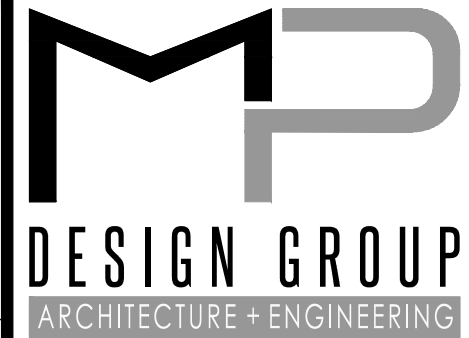
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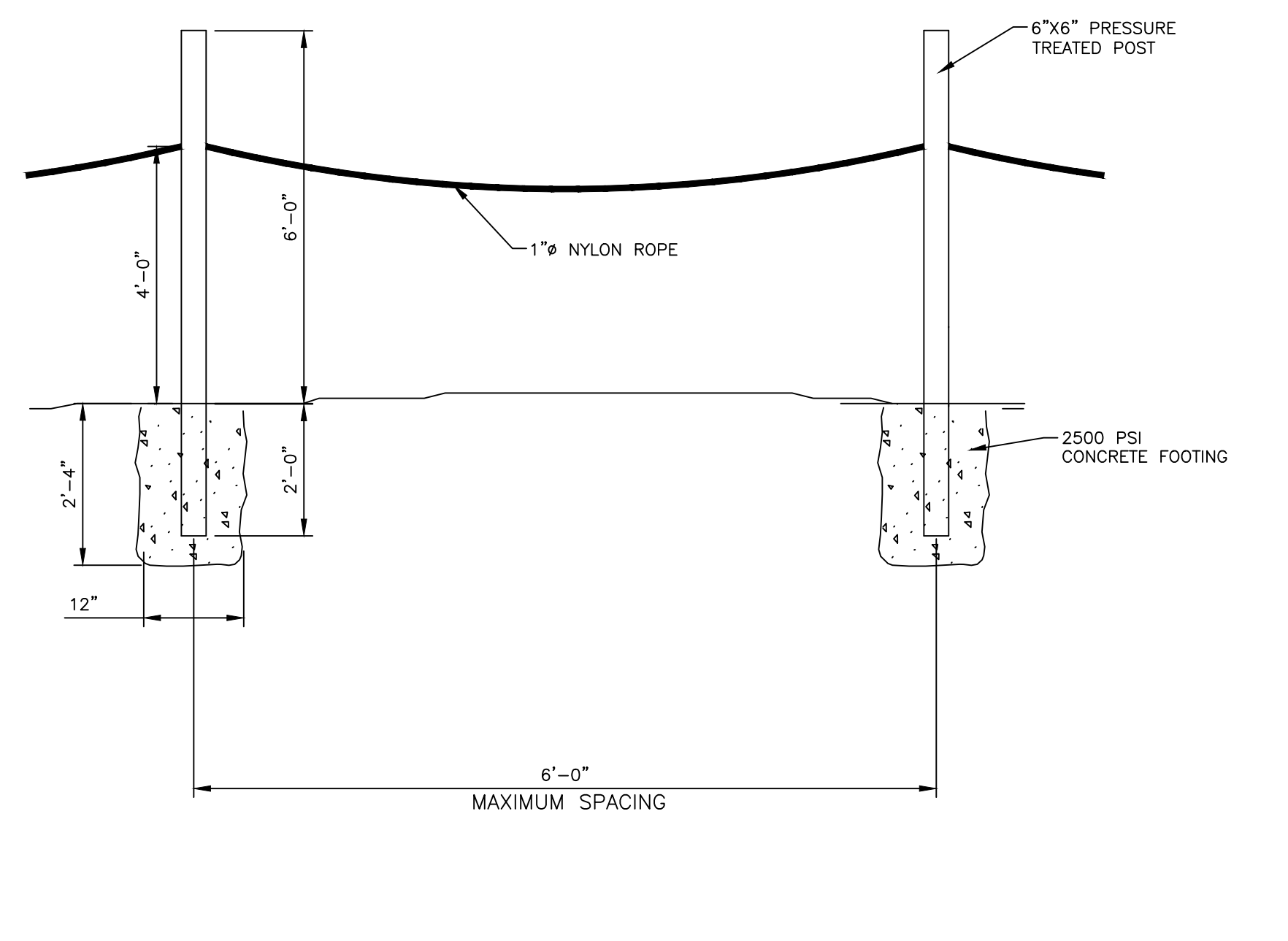
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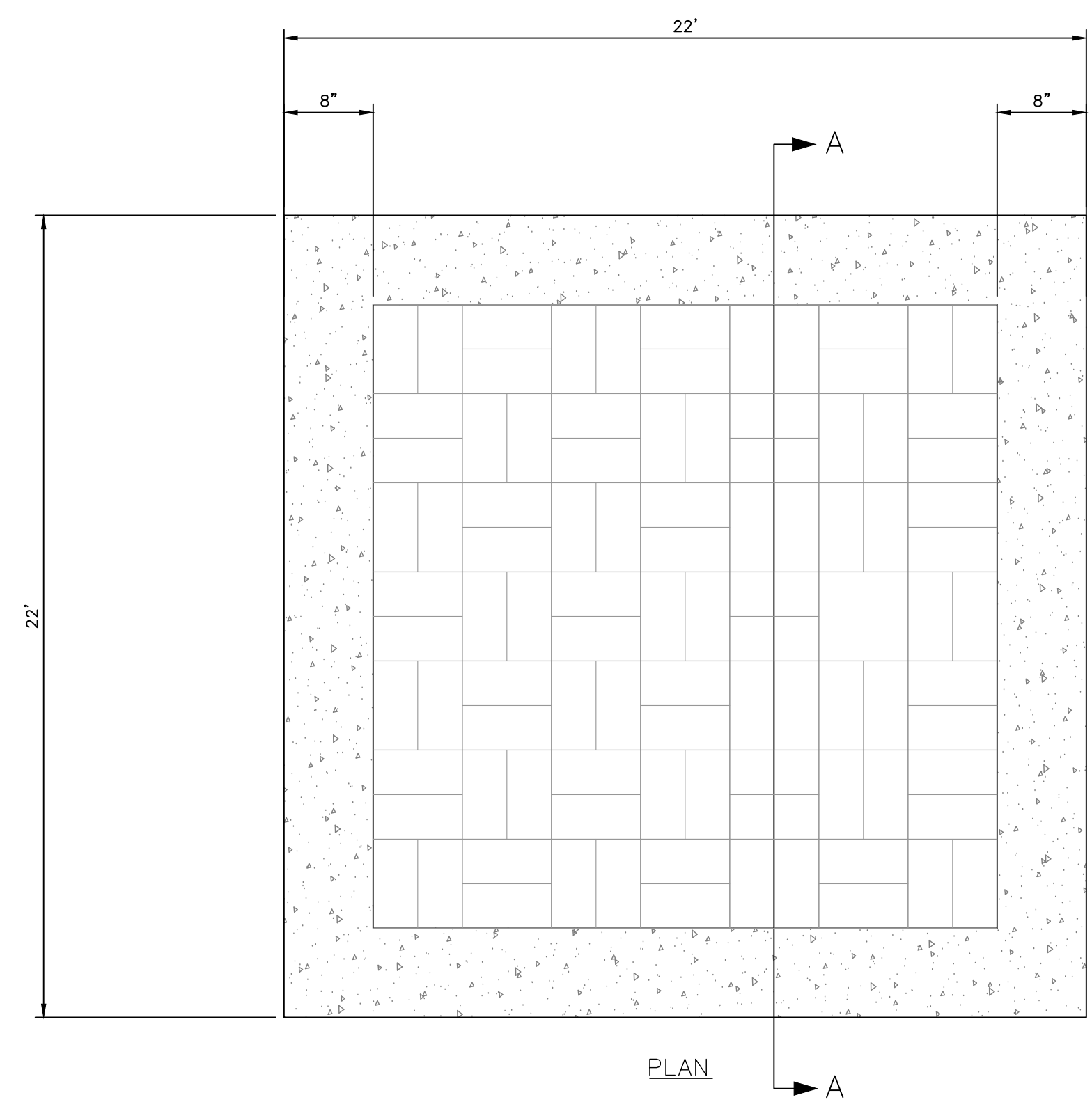
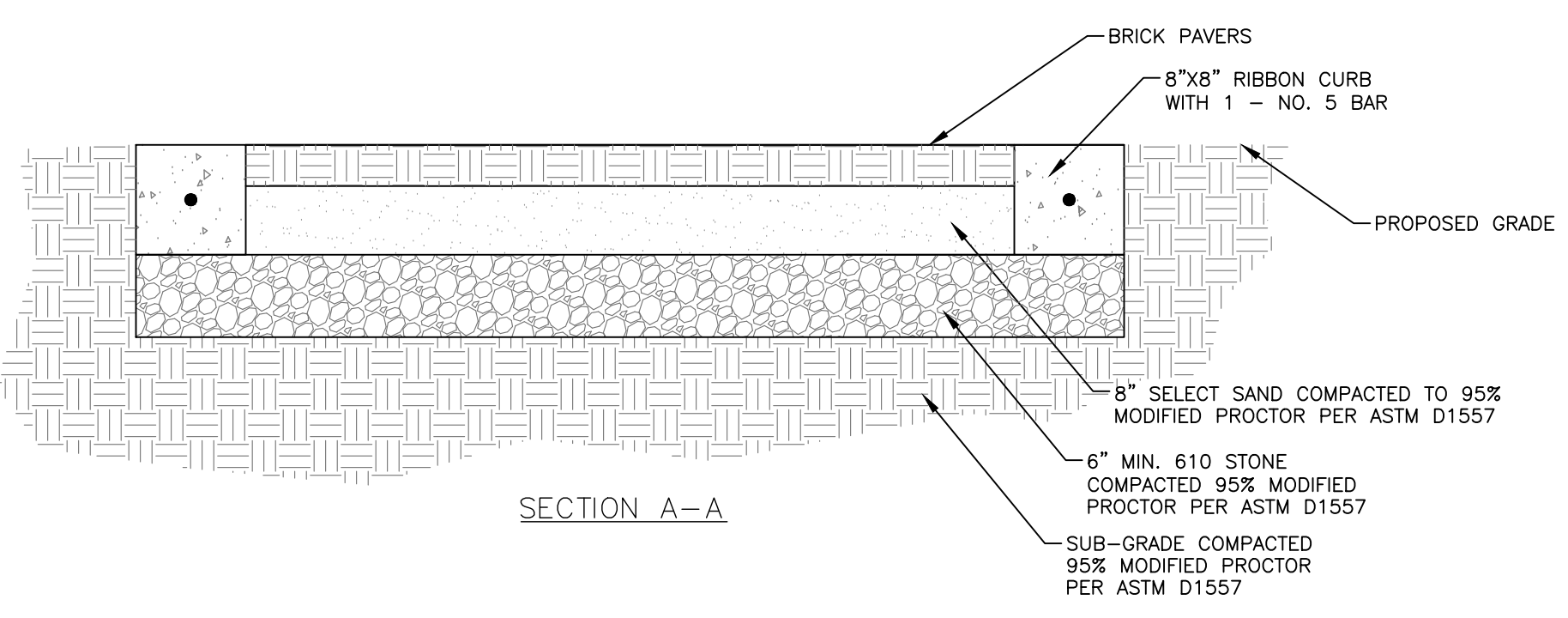
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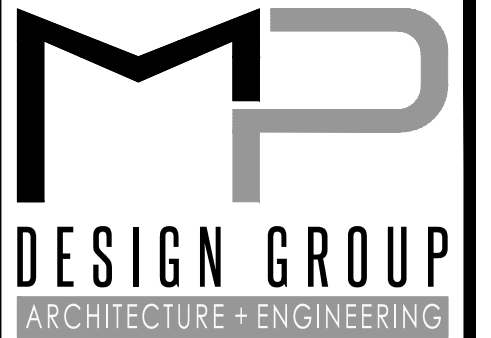


2 WOODEN POST BARRIER DETAIL NOT TO SCALE



1 ALTERNATE NO.1 DETAILS NOT TO SCALE

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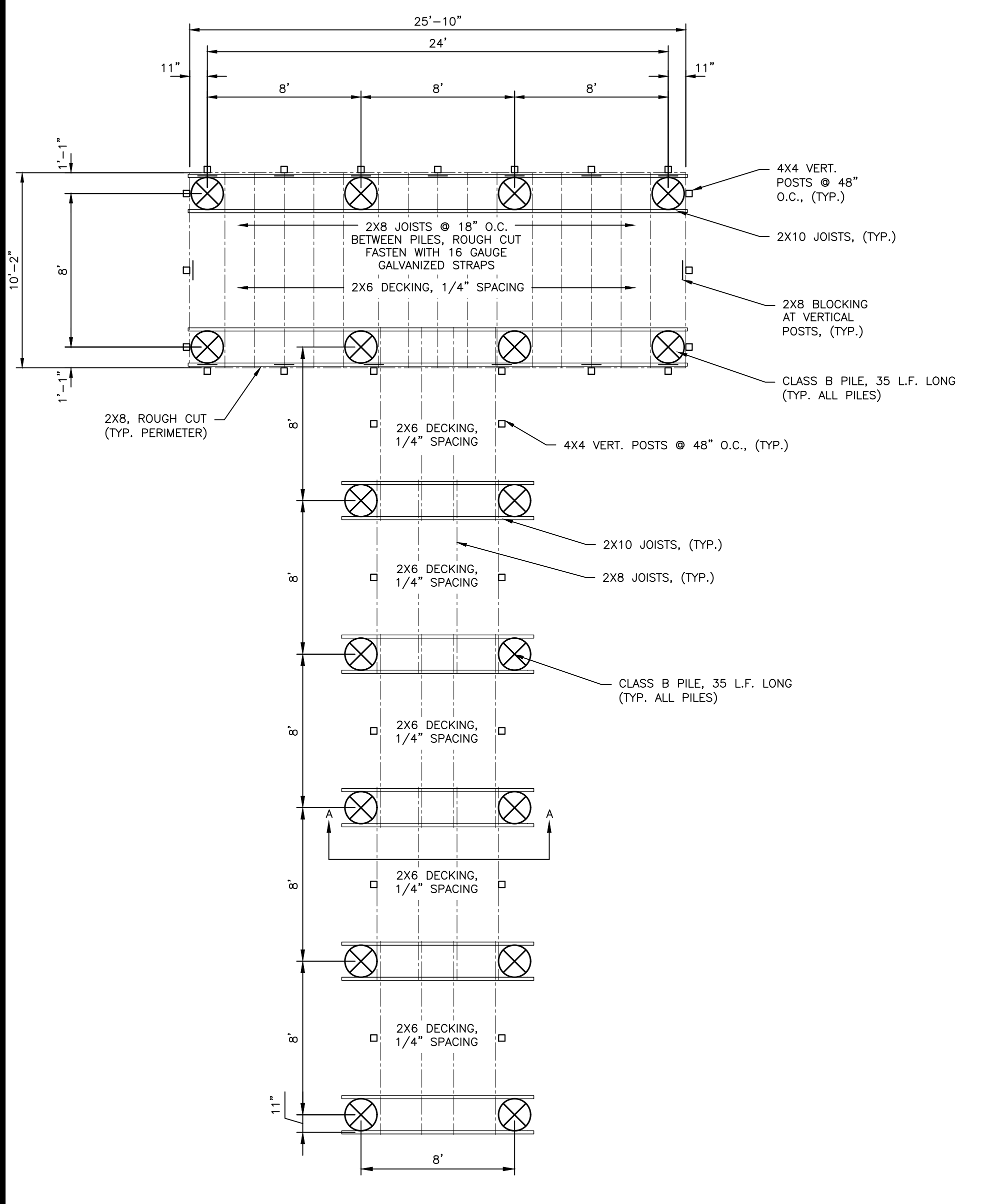
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DIAMONDHEAD DRIVE WEST
DIAMONDHEAD, MS 39525

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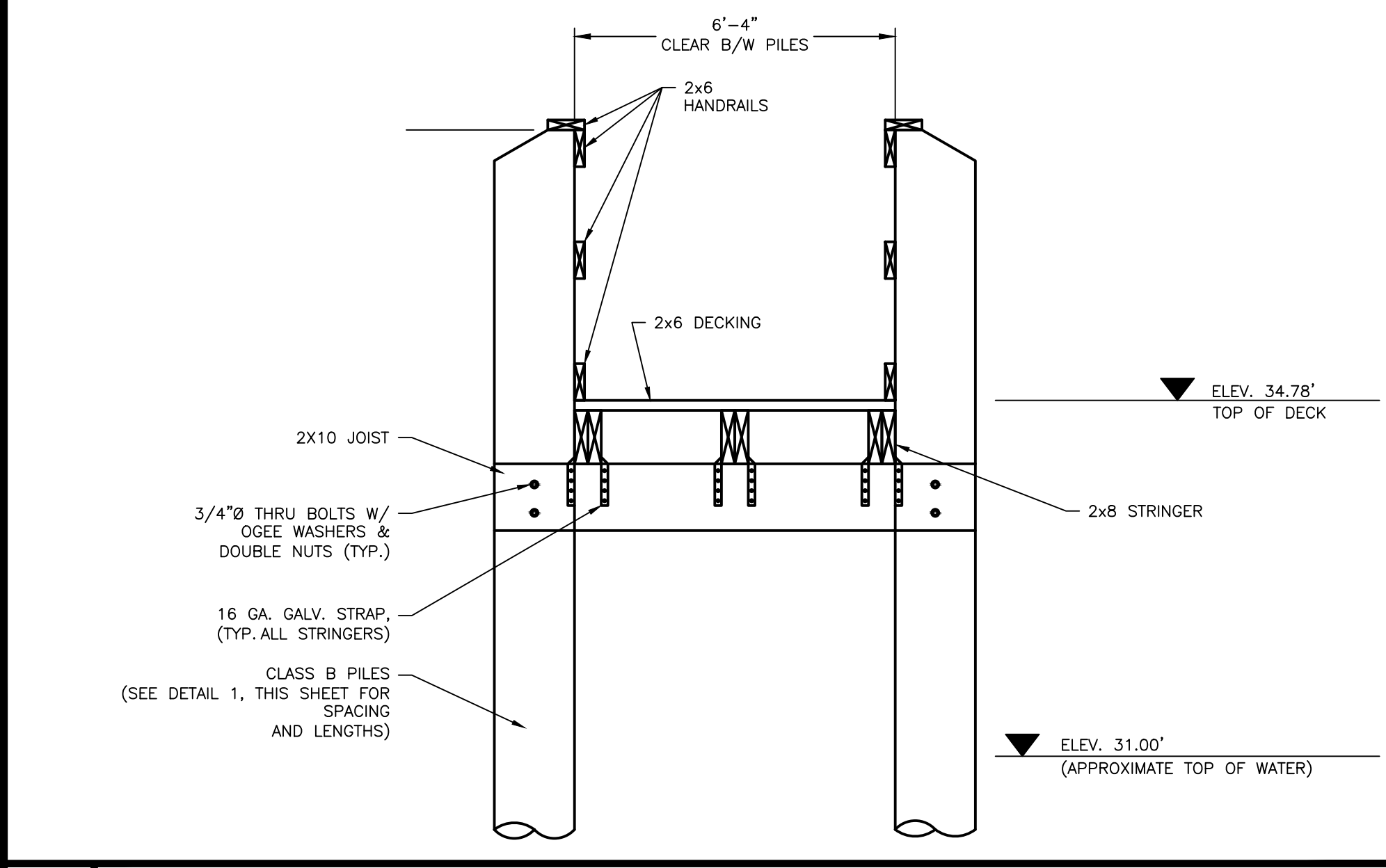
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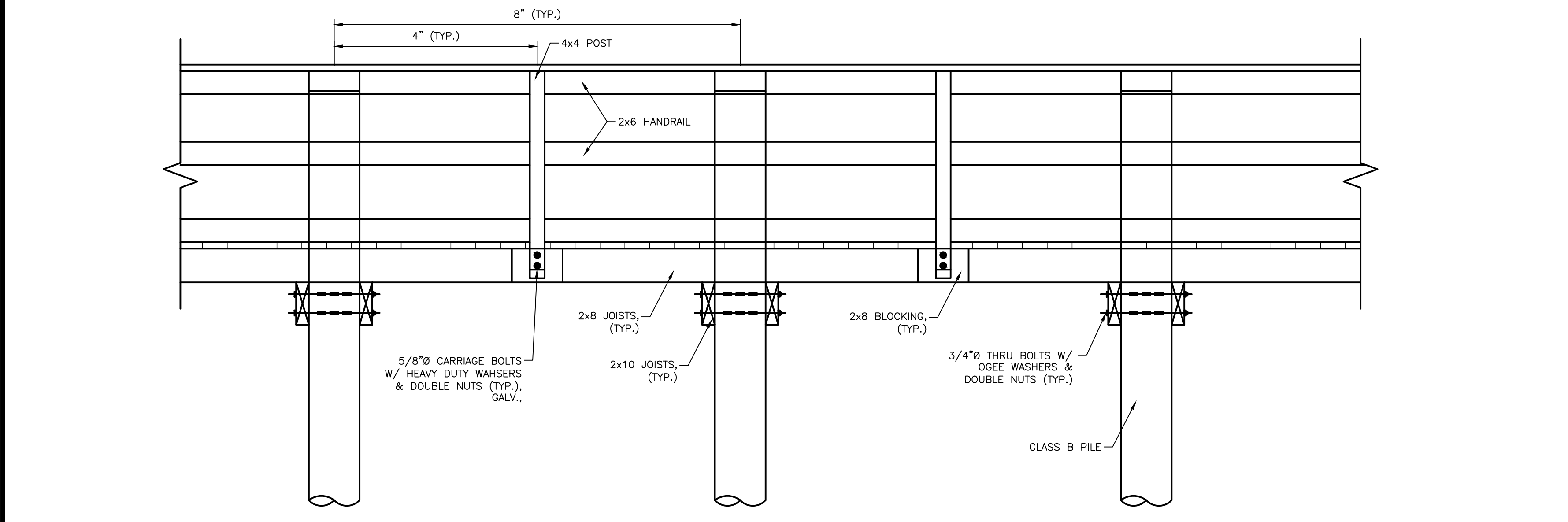
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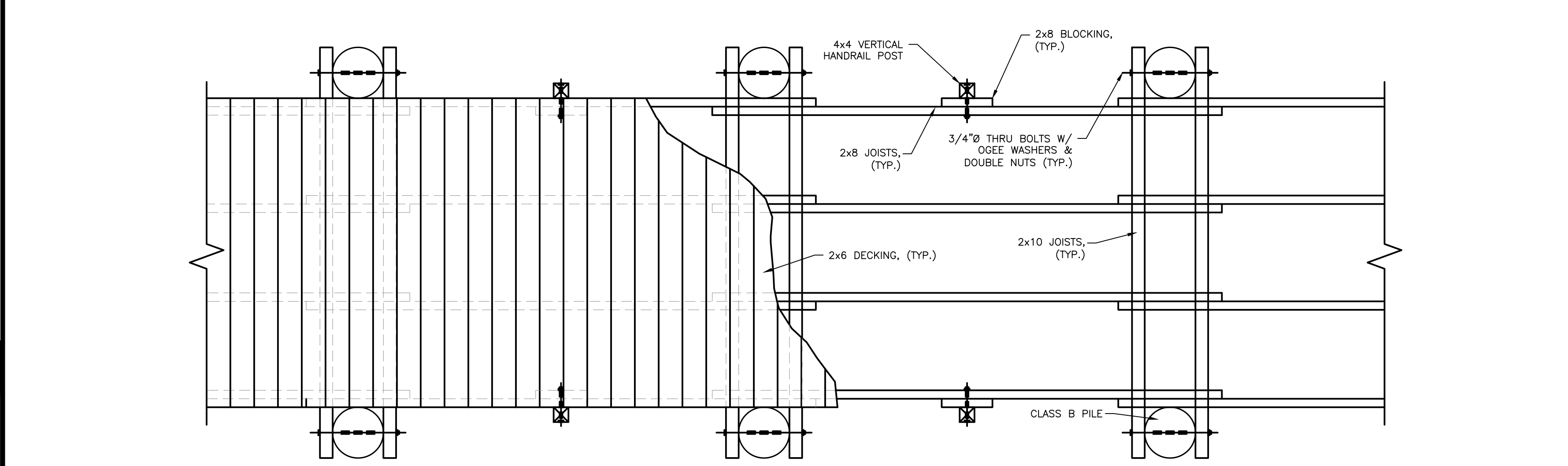
1 PIER LAYOUT DETAIL NOT TO SCALE



4 PIER SECTION A-A DETAIL NOT TO SCALE

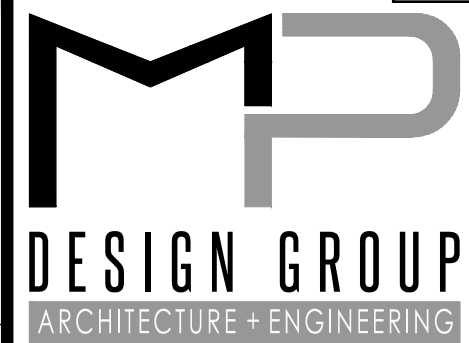


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3 PIER LAYOUT DETAIL NOT TO SCALE

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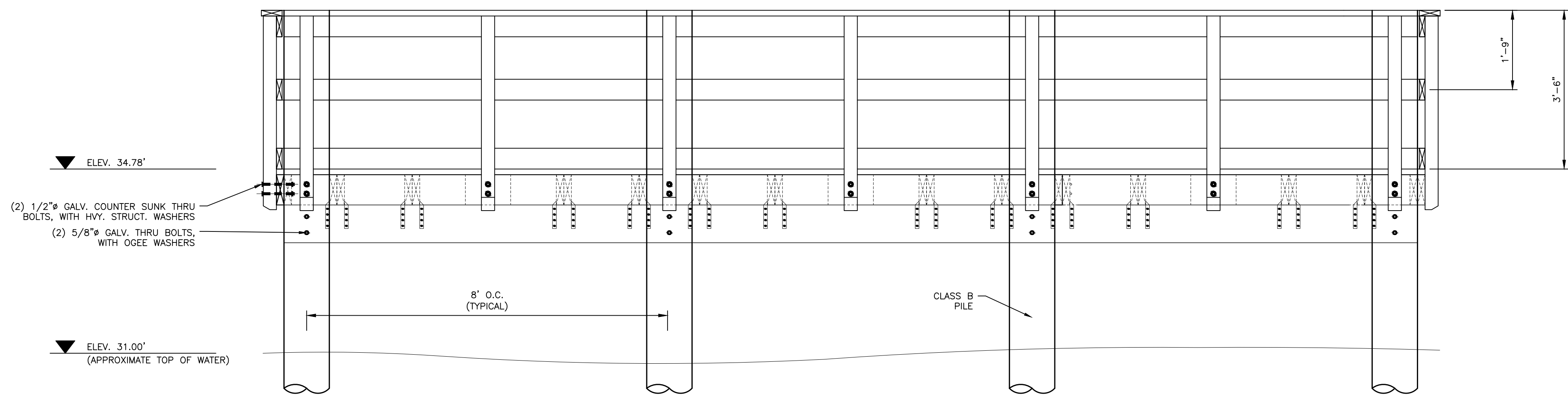
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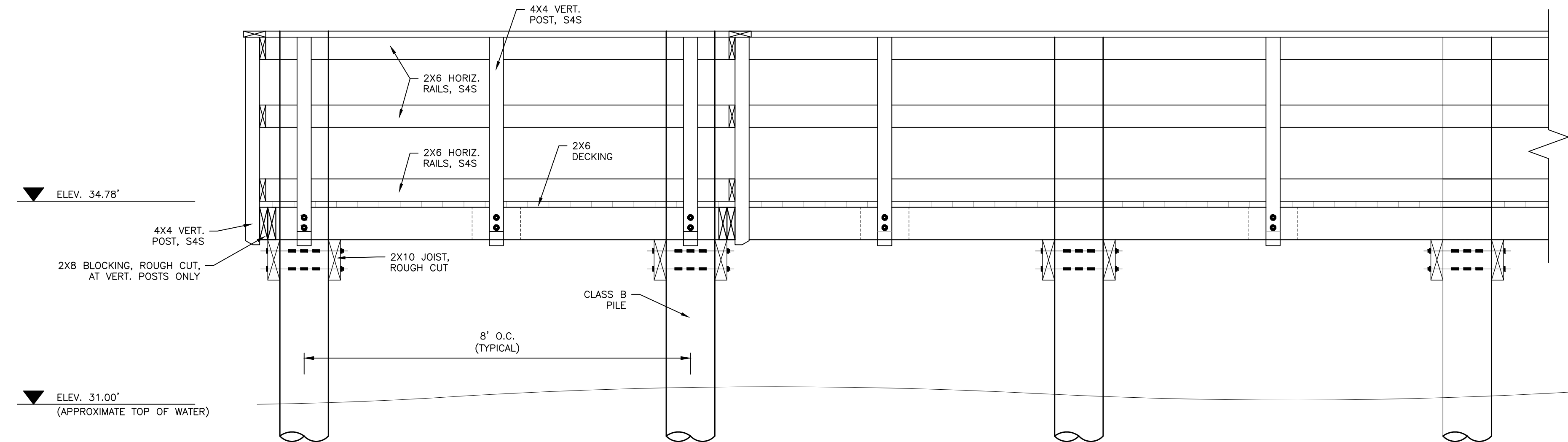
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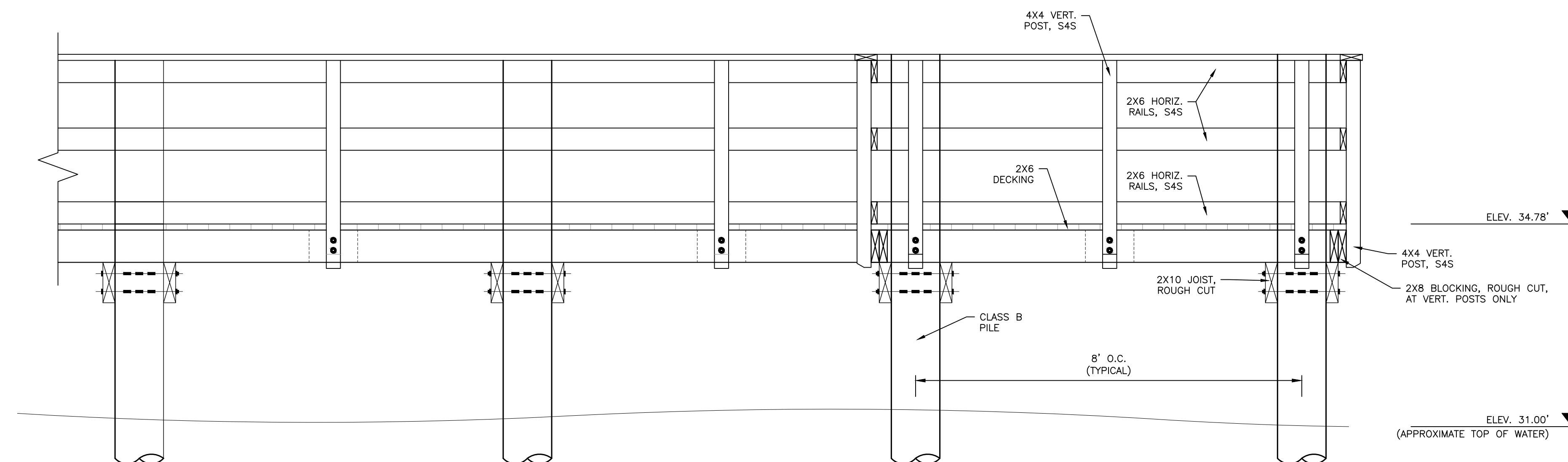
1 PIER WEST ELEVATION

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2 PIER SOUTH ELEVATION

NOT TO SCALE



3 PIER NORTH ELEVATION

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GENERAL NOTES

1. FLARED END SECTIONS ARE NOT TO BE USED INSIDE THE CLEAR ZONE.
2. UNLESS OTHERWISE DESIGNATED, EITHER TYPE I OR TYPE II MAY BE USED, PROVIDED THE SELECTED TYPE IS COMPATIBLE WITH THE CONFIGURATION OF THE PIPE TO WHICH IT IS TO BE ATTACHED.
3. ALL SIZES OF TYPE I AND TYPE II FLARED END SECTIONS FOR CONCRETE ARCH PIPE MAY BE FURNISHED WITH EITHER BELL AND SPIGOT OR TONGUE AND GROOVE ENDS.
4. REINFORCEMENT (SINGLE LINE) FOR FLARED END SECTION SHALL CONFORM TO REQUIREMENTS OF AASHTO M 206 FOR CLASS II ARCH PIPE.
5. TOE WALL REQUIRED ON ALL DOWNSTREAM FLARED END SECTIONS. TOE WALL AT UPSTREAM END WILL BE CONSTRUCTED WHERE DIRECTED BY THE ENGINEER. TO BE PAID FOR AS CLASS "B" STRUCTURAL CONCRETE-MINOR STRUCTURES.
6. FLARED END SECTIONS MUST MEET THE REQUIREMENTS FOR ARCH PIPE OF EITHER AASHTO M 206 OR ASTM C 506.

TABLE OF QUANTITIES

TOE WALL CONC. QUANTITY (yd ³)
0.063
0.083
0.102
0.123
0.134
0.145
0.156
0.167
0.207

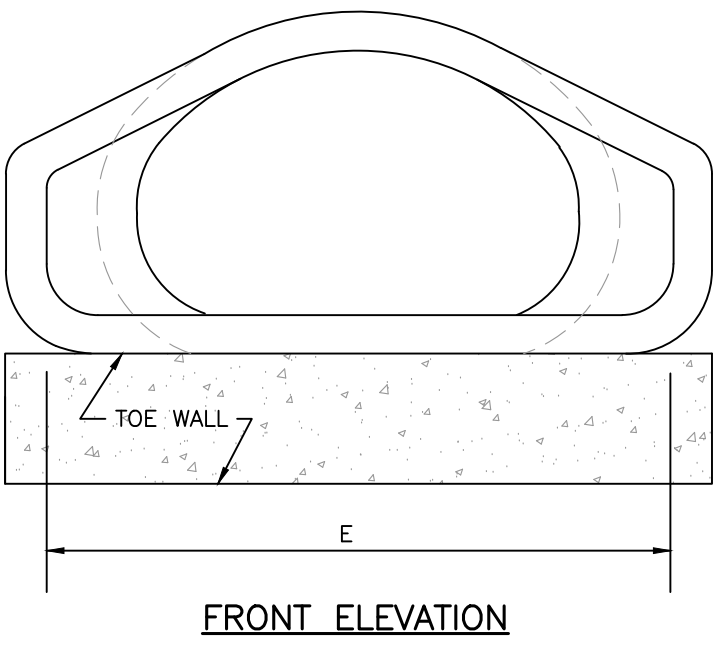
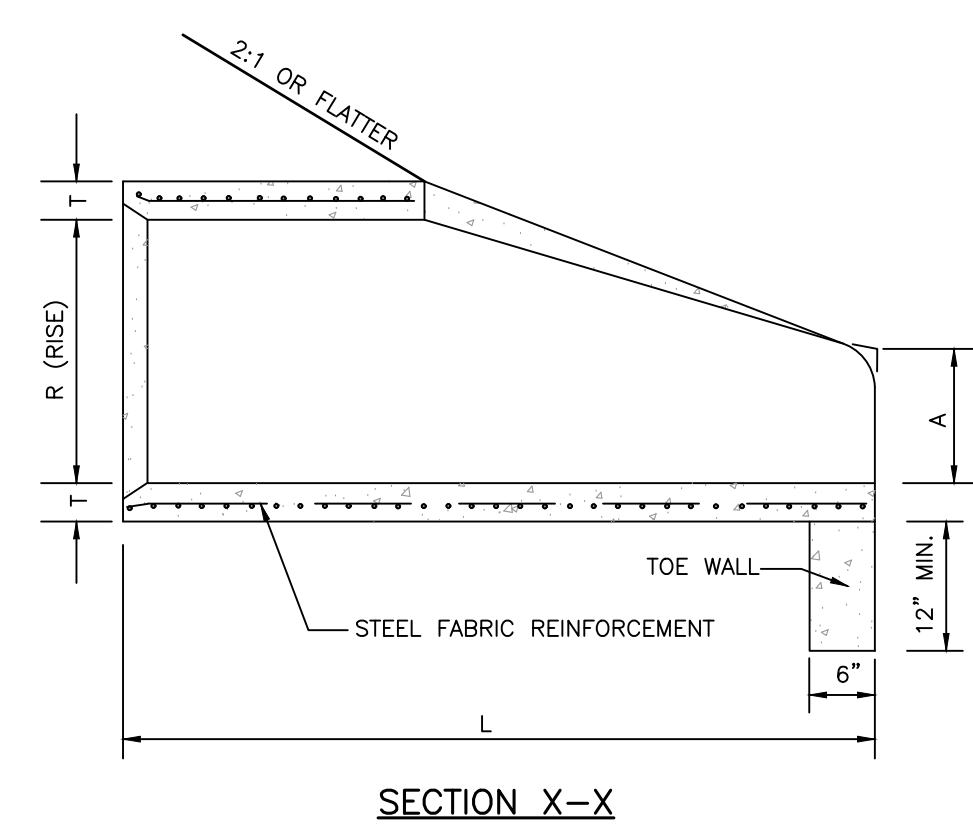
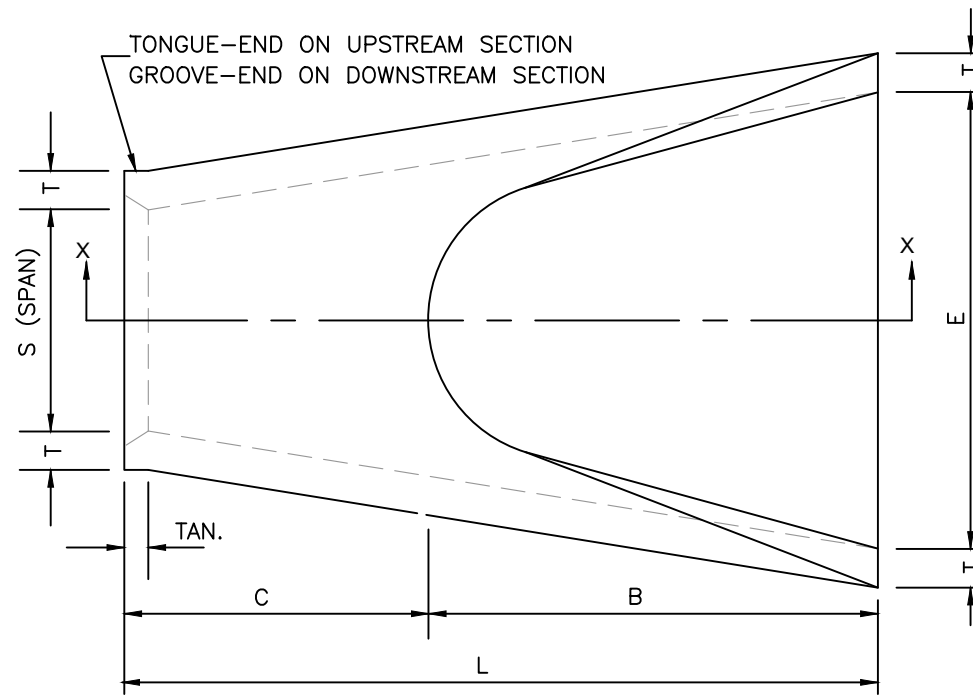
NOTE

BELL-END ON DOWNSTREAM SECTION
SPIGOT-END ON UPSTREAM SECTION.

TABLE OF DIMENSIONS

FLARED END SECTION FOR CONCRETE ARCH PIPE

EQUIV. SIZE	R	S	T	H:V	A	B	C	E	L
18"	1 3/4"	22"	2 1/2"	3:1	7"	2'-3"	3'-9"	3'-0"	6'-0"
24"	1 7/8"	28 1/2"	3"	3:1	8"	3'-3"	2'-9"	4'-0"	6'-0"
30"	2 1/4"	36 1/2"	3 1/2"	3:1	10"	4'-0"	2'-0"	5'-0"	6'-0"
36"	2 5/8"	43 1/2"	4"	3:1	10 5/8"	5'-0"	3'-0"	6'-0"	8'-0"
42"	3 1/8"	51 1/2"	4 1/2"	3:1	1'-3 3/8"	5'-0"	3'-0"	6'-6"	8'-0"
48"	3 5/8"	58 1/2"	5"	3:1	1'-9"	5'-0"	3'-0"	7'-0"	8'-0"
54"	4 0"	65"	5 1/2"	3:1	2'-1 1/2"	5'-0"	3'-0"	7'-6"	8'-0"
60"	4 5"	73"	6"	3:1	2'-2"	6'-3"	1'-9"	8'-0"	8'-0"
72"	5 4"	88"	7"	3:1	2'-11"	6'-6"	1'-10"	10'-0"	8'-4"

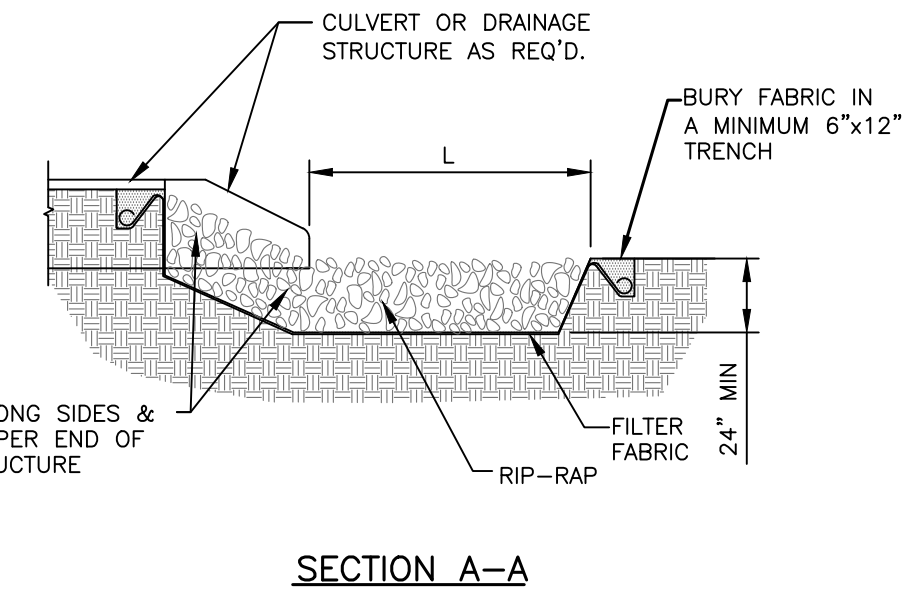
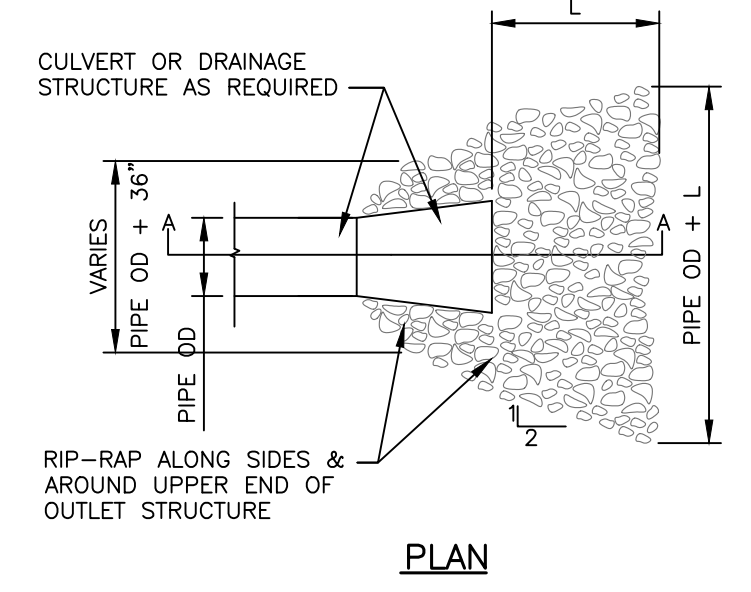


1 FLARED END SECTION (F.E.S.) FOR REINFORCED CONCRETE ARCH PIPE (RCAP)

NOT TO SCALE

RIP-RAP DETAIL NOTES

1. RIP-RAP IS REQUIRED AT ALL FLARED END SECTION AND HEADWALLS LOCATIONS
2. GEOTEXTILE FILTER FABRIC IS REQUIRED BETWEEN THE RIP-RAP AND SUB-GRADE.
3. IN A WELL-DEFINED CHANNELS, EXTEND THE RIP-RAP APRON UP THE CHANNEL BANKS ABOVE THE TAILWATER ELEVATION.

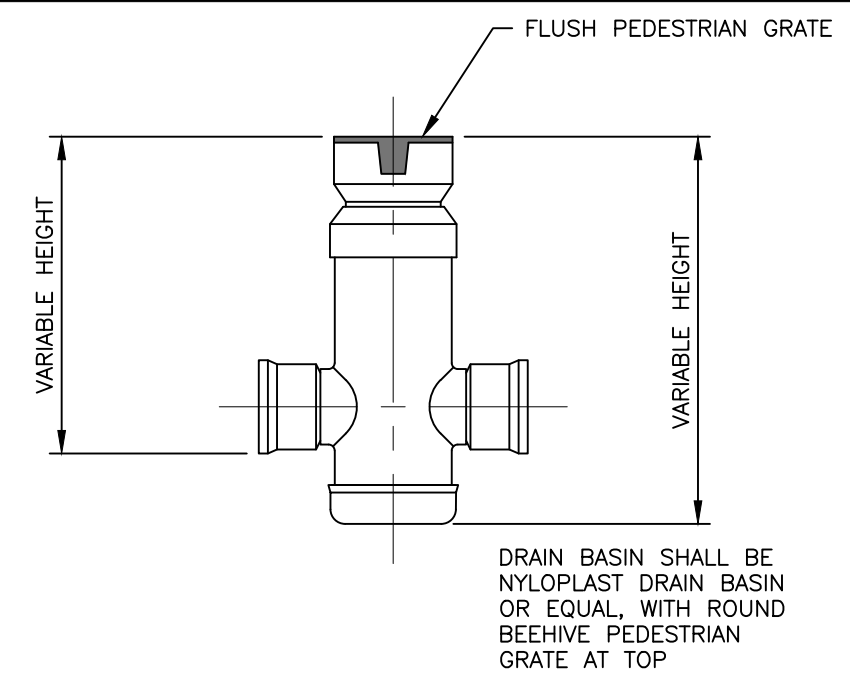


RIP-RAP LENGTH TABLE

PIPE DIA.	L (FT)
15"	5'
18"	8'
24"	10'
30"	12'
36"	14'
42"	16'
48"	18'
60"	20'
72"	22'

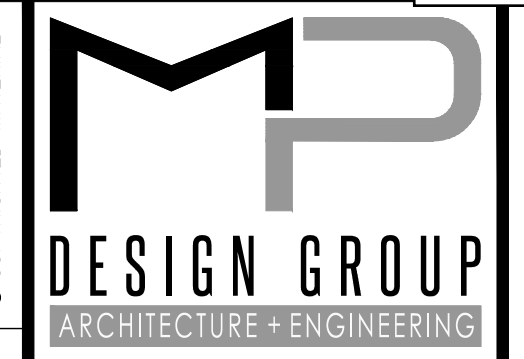
2 TYPICAL RIP-RAP OUTFALL DETAIL

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3 DRAIN BASIN DETAIL

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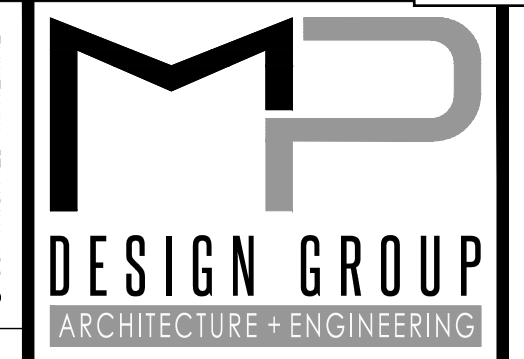
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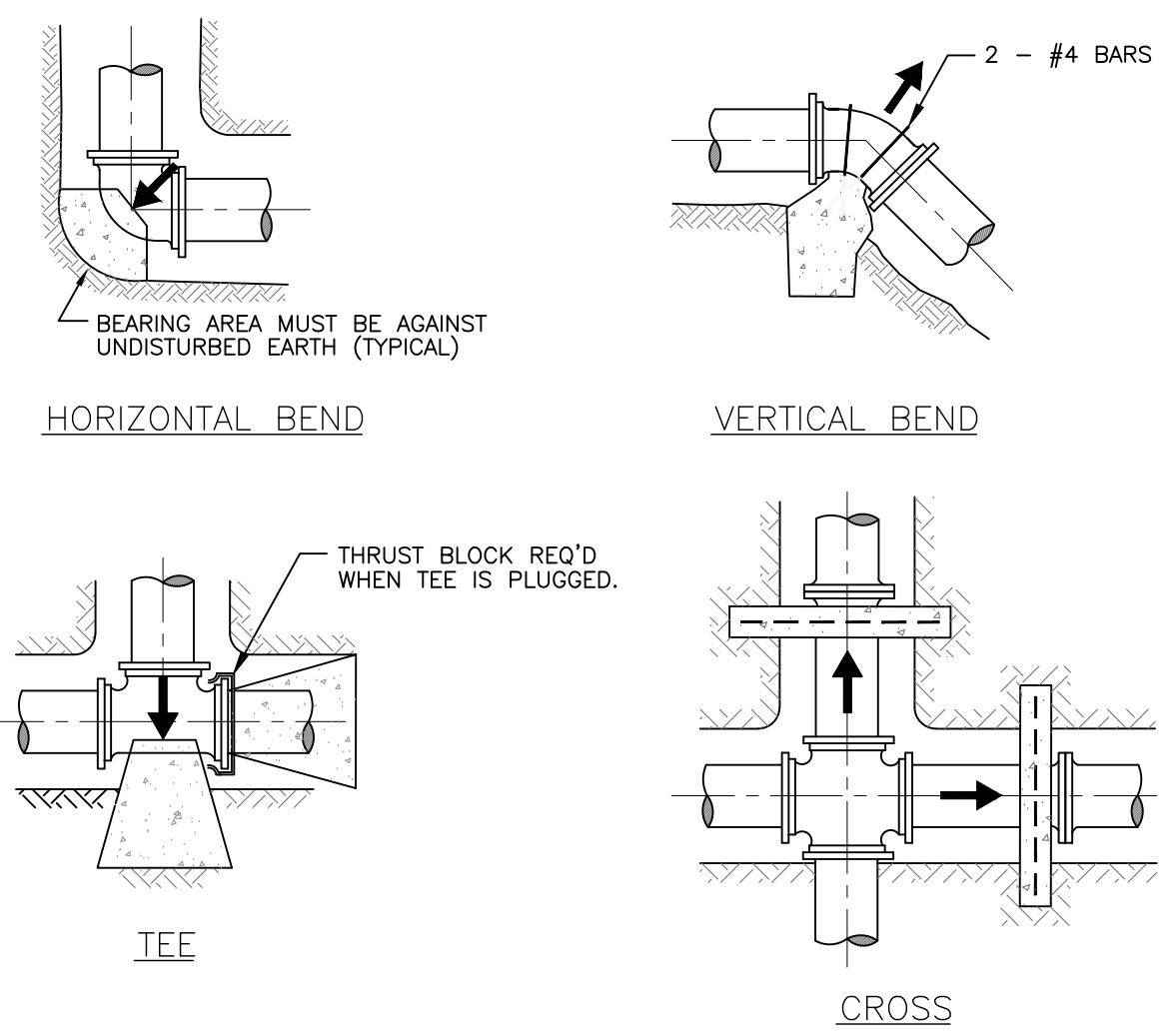
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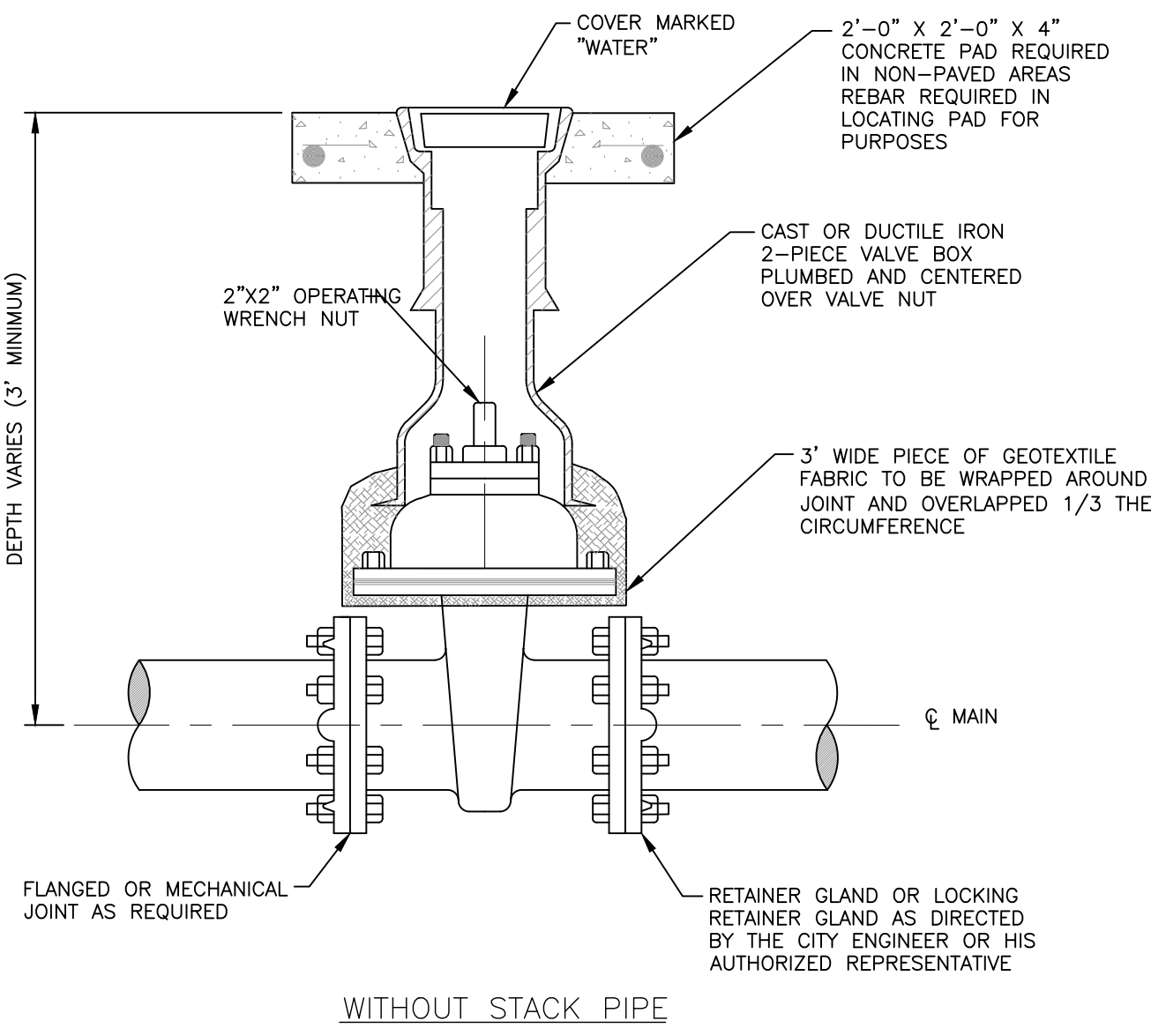
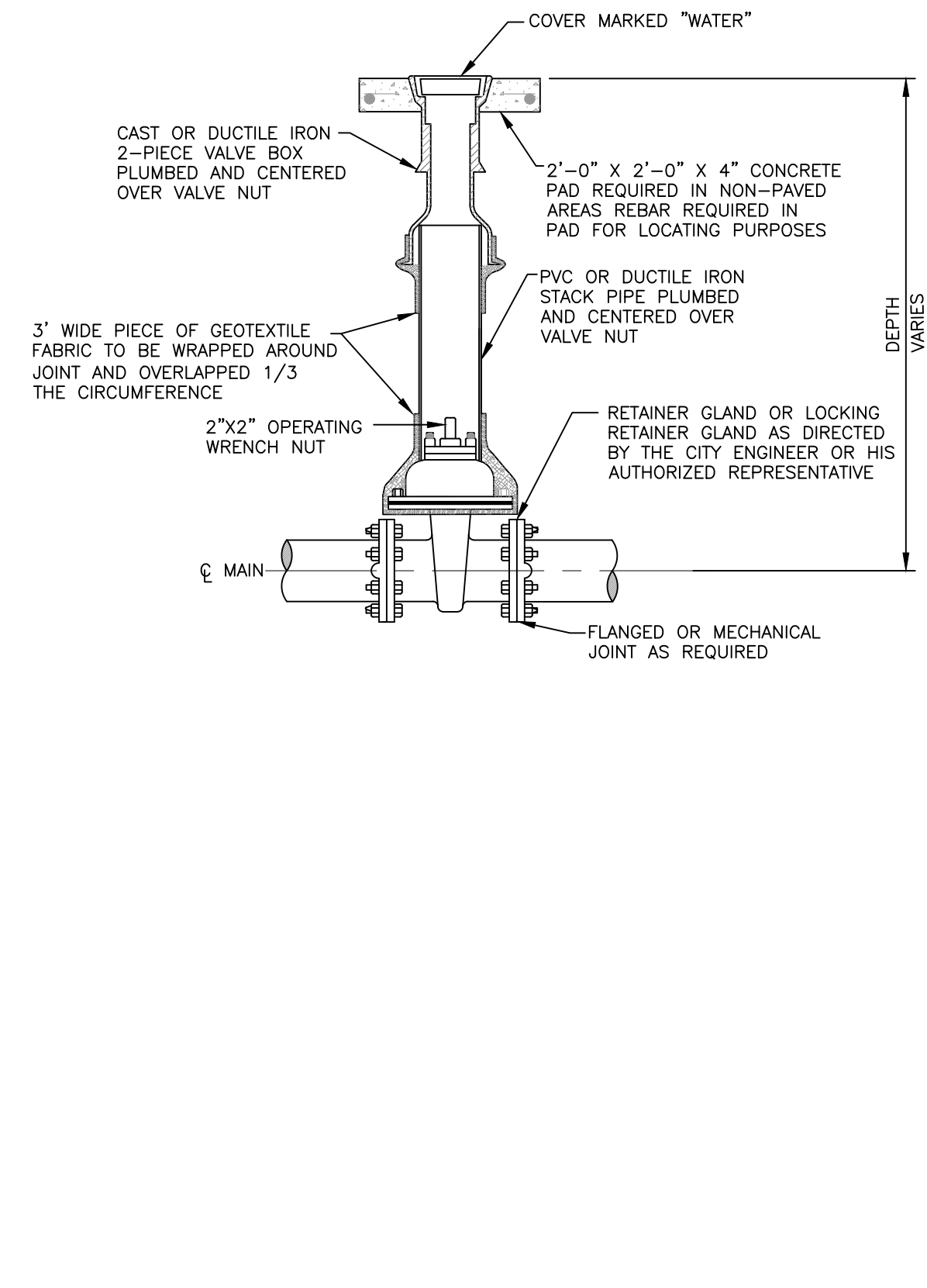
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WATER MAIN THRUST BLOCK NOTE

ALL FITTINGS SHALL BE COVERED WITH A GEOTEXTILE FABRIC PRIOR TO POURING CONCRETE THRUST BLOCKING

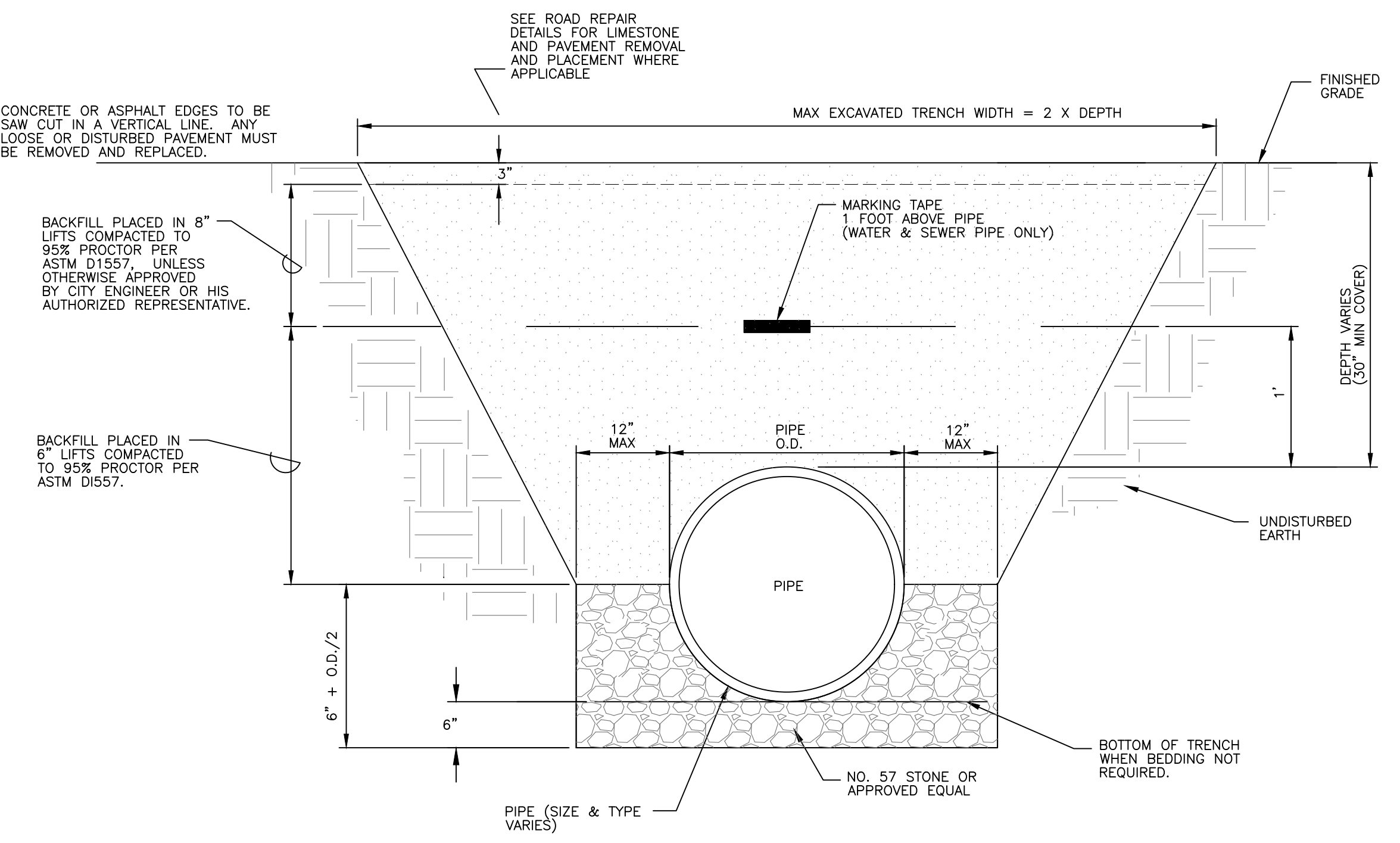


FITTING:	4" DIA.	6" DIA.	8" DIA.	10" DIA.	12" DIA.	14" DIA.
TEES	2.0	2.5	4.7	5.0	7.0	9.0
90°	2.0	2.7	6.7	7.2	10.4	12.7
45°	1.0	1.5	3.6	3.9	5.6	6.9
22 1/2°	1.0	1.0	1.8	2.0	2.9	3.5



1 WATER MAIN THRUST BLOCK DETAILS NOT TO SCALE

2 IN-LINE WATER VALVE AND VALVE BOX WITH AND WITHOUT STAKE PIPE DETAIL NOT TO SCALE



- GENERAL NOTES**
- PIPE BEDDING SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL EARTHWORK SECTION AND ANY OTHER SECTION THAT MAY APPLY OR AS DIRECTED BY THE ENGINEER OF RECORD. TYPE AND LOCATION OF BEDDING SHALL BE DETERMINED BY THE ENGINEER OR HIS AUTHORIZED REPRESENTATIVE. BEDDING FOR ARCH PIPE SHALL COVER THE HAUNCHES.
 - BACKFILL MATERIAL SHALL BE PLACED ON BOTH SIDES OF PIPE SIMULTANEOUSLY DURING BACKFILLING OPERATIONS TO PREVENT SHIFTING OR DAMAGE TO PIPE.
 - "MAXIMUM EXCAVATED TRENCH WIDTH" REFERS TO THE MAXIMUM WIDTH THAT WILL BE USED FOR COMPUTATION OF APPLICABLE PAY ITEMS FOR BORROW FOR BACKFILL, LIMESTONE, AND PAVING. PIPE BEDDING SHALL BE PAID BASED ON A WIDTH OF TWO FEET PLUS THE OUTSIDE DIAMETER FOR THE PIPE (O.D. OF PIPE + 2 FEET) AS SHOWN ON THE DETAIL. THE CONTRACTOR MAY EXCAVATE A WIDER TRENCH AT HIS OWN EXPENSE AS LONG AS TRENCH REMAINS WITHIN THE PROJECT LIMITS, PROPERTY OR EASEMENT AND THE ENGINEER OR HIS AUTHORIZED REPRESENTATIVE APPROVES THE DIMENSIONS OF THE WIDER TRENCH.
 - IN THE CASE OF OVERLAPPING UTILITY TRENCHES, THE CONTRACTOR SHALL ONLY BE PAID ONCE FOR ITEMS SUCH AS LIMESTONE AND PAVING. ADDITIONALLY ANY MARKING TAPE ABOVE SEWER PIPE THAT IS DISTURBED OR DAMAGED BY OVERLAPPING TRENCHES SHALL BE PROPERLY REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
 - INSTALLATION AND COVER REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE PIPE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS AND RECOMMENDATIONS.
 - TOP OF PIPE SHALL BE BELOW ROAD BASE IN PAVED AREAS. IF EXISTING MATERIAL IS USED FOR BACKFILL, THERE SHALL BE NO ADDITIONAL PAYMENT FOR EXCAVATION AND BACKFILL. IF EXISTING MATERIAL IS UNSUITABLE FOR BACKFILL, BORROW MATERIAL SHALL BE USED. DISPOSAL OF UNSUITABLE MATERIAL SHALL BE PAID FOR AT THE UNIT PRICE BID FOR EXCESS EXCAVATION. APPROVED PLACEMENT OF BORROW SHALL BE PAID FOR AT THE UNIT PRICE BID FOR BORROW MATERIAL.

- STORM DRAIN PIPE PLACEMENT NOTES**
- STORM DRAIN PIPE SHALL BE CONCRETE, RIBBED PVC OR HIGH DENSITY POLYETHYLENE IN ACCORDANCE WITH THE SPECIFICATIONS OR AS SHOWN ON THE PLANS. LOCATION FOR INSTALLATION OF TYPE OF PIPE SHALL BE AS SHOWN ON THE DRAWINGS OR AS DIRECTED BY THE ENGINEER OR HIS AUTHORIZED REPRESENTATIVE. ONLY CONCRETE STORM DRAIN PIPE SHALL BE INSTALLED UNDER PAVED AREAS UNLESS SHOWN DIFFERENTLY ON THE CONSTRUCTION PLANS.
 - ALL STORM DRAIN JOINTS SHALL BE WRAPPED WITH GEOTEXTILE FABRIC. FABRIC SHALL BE THREE (3') FEET WIDE (CENTERED OVER JOINT) AND LONG ENOUGH TO WRAP AROUND THE PIPE JOINT AND OVERLAP 1/3 THE CIRCUMFERENCE. THE COST OF FABRIC SHALL BE ABSORBED IN THE UNIT PRICE BID FOR STORM DRAIN PIPE AND SHALL NOT BE MEASURED FOR SEPARATE PAYMENT.
 - REFER TO OTHER DETAILS FOR DRAINAGE STRUCTURES, CONCRETE PIPE REPAIR METHODS, PIPE END TREATMENTS, & GRATES.

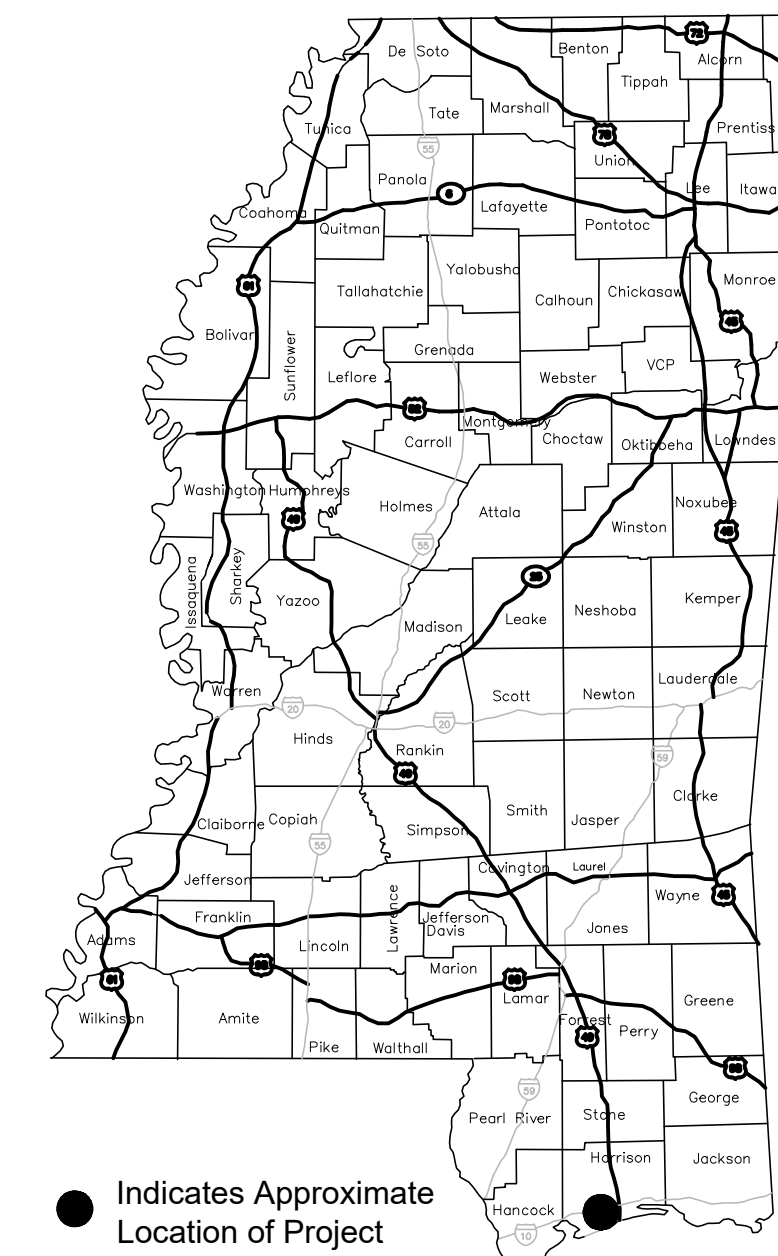
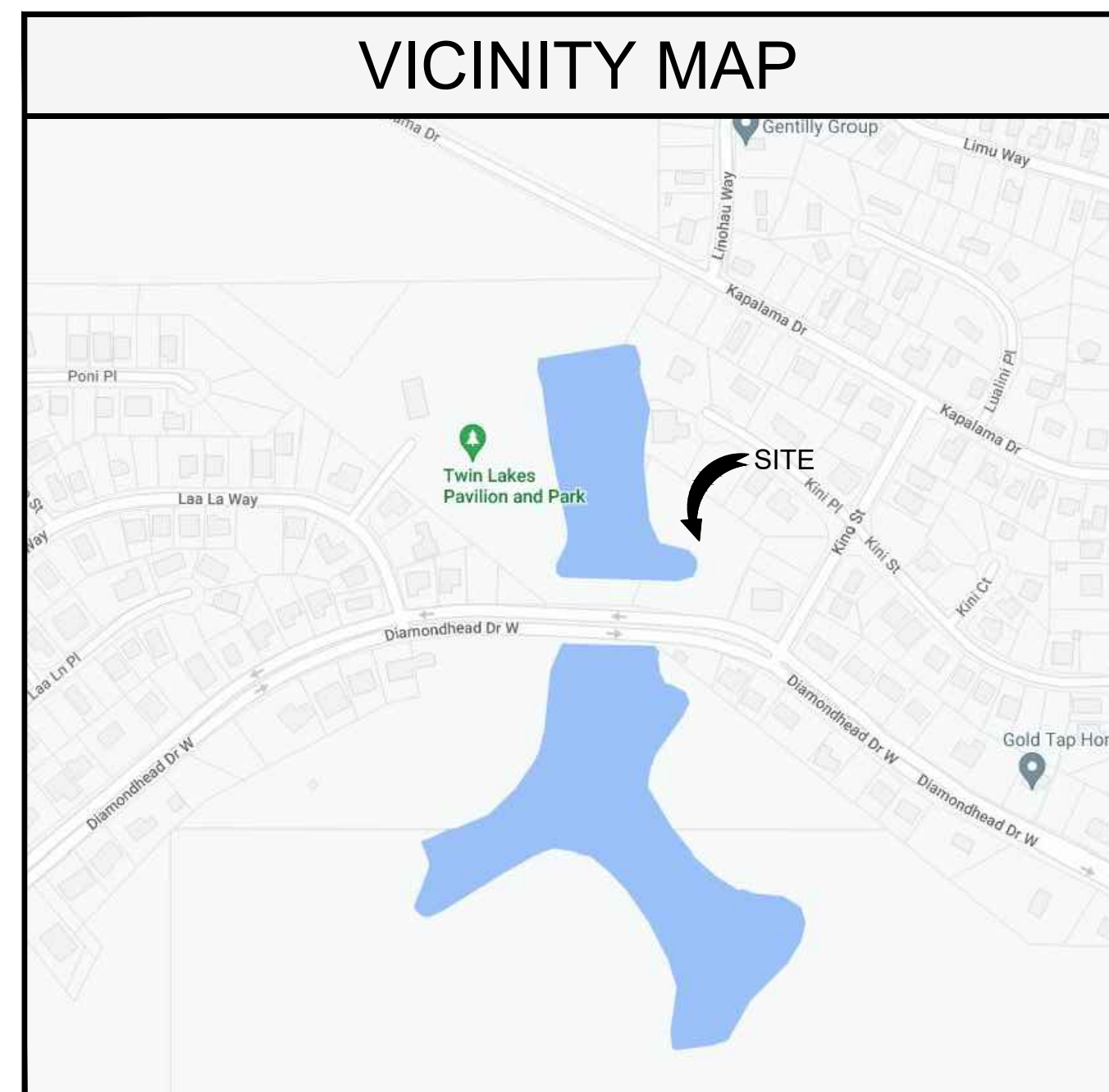
3 TRENCH DETAIL FOR SANITARY SEWER AND NON-PERFORATED STORM DRAIN PIPE NOT TO SCALE

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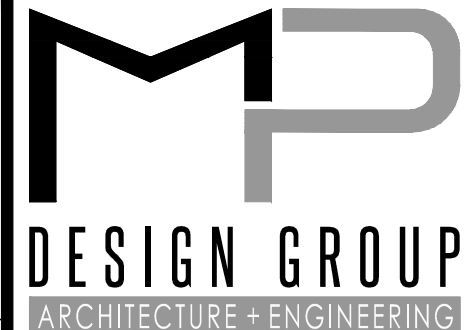
SITE CONSTRUCTION PLANS FOR CITY OF DIAMONDHEAD TWIN LAKES FISHING PIER AND TRAIL DIAMONDHEAD, MS

INDEX TO DRAWINGS

DRAWING NO.	DESCRIPTION
T001	TITLE SHEET
A101	GENERAL CONSTRUCTION REQUIREMENTS
A102	ENTRY PAVILION PLANS, ELEVATIONS, SECTIONS, & DETAILS
C001	GENERAL NOTES AND LEGENDS
C002	SUMMARY OF QUANTITIES
C100	SITE DEMOLITION PLAN
C110	STORM WATER POLLUTION PREVENTION PLAN
C200	CIVIL SITE PLAN
C210	SITE LAYOUT PLAN
C220	JOINTING PLAN AND DETAILS
C300	SITE GRADING PLAN
C310	SITE DRAINAGE PLAN
C400	SITE UTILITY PLAN
C610	STORM WATER POLLUTION PREVENTION DETAILS
C620	CIVIL SITE DETAILS
C621	CIVIL SITE DETAILS
C622	CIVIL SITE DETAILS
C623	PIER DETAILS
C624	PIER DETAILS
C640	SITE GRADING AND DRAINAGE DETAILS
C650	SITE UTILITY DETAILS



LOCATION MAP



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GENERAL CONDITIONS

- STEEL FRAME IS NON-Self-SUPPORTING AND COLUMN ANCHOR RODS ARE DESIGNED FOR A COMPLETED CONDITION ONLY. A COMPLETED STRUCTURE IS REQUIRED TO PROVIDE LATERAL STABILITY FOR THE FRAME AND RESISTANCE TO WIND AND SEISMIC FORCES. CONTRACTOR SHALL PROVIDE ALL TEMPORARY BRACING REQUIRED TO MAINTAIN STABILITY OF STRUCTURAL SYSTEM.
- FOUNDATIONS WERE DESIGNED BASED ON A SOIL PRESSURE OF 1500 PSF.
- IN CASE OF CONFLICT BETWEEN THE GENERAL NOTES, THE SPECIFICATIONS, OR INFORMATION IN DRAWINGS, THE MORE RIGID REQUIREMENT SHALL GOVERN UNLESS AMENDED IN WRITING BY THE STRUCTURAL ENGINEER OF RECORD.

SUBMITTALS

- REVIEW OF SHOP DRAWINGS AND OTHER SUBMITTALS BY THE STRUCTURAL ENGINEER DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO REVIEW AND CHECK SHOP DRAWINGS BEFORE SUBMITTING TO THE STRUCTURAL ENGINEER. THE CONTRACTOR REMAINS SOLELY RESPONSIBLE FOR ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF SHOP DRAWINGS AS THEY PERTAIN TO MEMBER SIZES, DETAILS, AND DIMENSIONS SPECIFIED IN THE CONTRACT DOCUMENTS. ALL SHOP DRAWINGS MUST BE STAMPED BY THE CONTRACTOR PRIOR TO SUBMITTAL.
- SUBMIT ALL SHOPS DRAWINGS & OTHER SUBMITTALS IN PDF FORMAT OR HARD COPY. IF HARD COPY IS SUBMITTED, PROVIDE 3 SETS ONLY. ALL OTHERS WILL BE RETURNED UNMARKED. MACHADO PATANO WILL RETURN 1 MARKED SET TO THE CONTRACTOR.
- SHOP DRAWINGS: THE CONTRACTOR SHALL SUBMIT FOR STRUCTURAL ENGINEER REVIEW SHOP DRAWINGS FOR THE FOLLOWING ITEMS. ITEMS MARKED (*) SHALL HAVE SHOP DRAWINGS SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE IN WHICH THE PROJECT IS LOCATED.
 - PRE-ENGINEERED METAL BUILDING (*)
 - CONCRETE REINFORCING STEEL
 - CONCRETE MIX DESIGN
- DESIGN CALCULATIONS: THE CONTRACTOR SHALL SUBMIT FOR STRUCTURAL ENGINEER'S RECORD, DESIGN CALCULATIONS SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE IN WHICH THE PROJECT IS LOCATED FOR THE FOLLOWING ITEMS:
 - PRE-ENGINEERED METAL BUILDING

FOUNDATIONS AND SLABS ON GRADE

- PREPARE AREA BY STRIPPING OF ALL GRAVEL, VEGETATION, TOPSOIL AND OTHER ORGANIC MATERIAL, AND DEBRIS. REMOVE EXISTING STRUCTURES, FOUNDATIONS, CONCRETE, ETC. IN WAY OF FOUNDATIONS. AFTER MAKING REQUIRED CUTS/EXCAVATIONS, COMPACT EXPOSED SUBGRADE PER GEOTECHNICAL RECOMMENDATIONS. ANY UNSTABLE OR SOFT AREAS SHALL BE OVER-EXCAVATED AND STABILIZED.
- THE GEOTECHNICAL ENGINEER SHALL BE PRESENT DURING COMPACTION/PROOFROLLING ACTIVITIES AND SHALL INSPECT SUBGRADE PRIOR TO PLACEMENT OF ANY FILL MATERIAL.
- COMPACTED FILL PLACEMENT SHALL BE INSPECTED CONTINUOUSLY BY THE CONTRACTORS SELECTED (OWNER APPROVED) INDEPENDENT TESTING AGENCY.
- NOTIFY THE STRUCTURAL ENGINEER OF RECORD IMMEDIATELY OF ANY ENCOUNTERED BASE MATERIAL OF QUESTIONABLE BEARING CAPACITY.
- ALL SELECT FILL MATERIAL UNDER STRUCTURES SHALL CONFORM WITH GEOTECHNICAL REPORT REQUIREMENTS, UNLESS NOTED OTHERWISE IN PLANS. MATERIAL SHALL BE PLACED IN MAXIMUM 8" LOOSE LIFTS AND COMPACTED TO 95% MODIFIED PROCTOR PER ASTM D1557. MOISTURE AND DENSITY SHALL BE FIELD TESTED PRIOR TO PLACEMENT OF ADDITIONAL FILL.
- PRIOR TO PLACEMENT OF CONCRETE, PREPARED AREAS SHALL BE INSPECTED AND APPROVED BY THE CONTRACTORS SELECTED (OWNER APPROVED) INDEPENDENT TESTING AGENCY AND THE STRUCTURAL ENGINEER OF RECORD.
- PROVIDE A 15-MIL POLYETHYLENE FILM VAPOR BARRIER BELOW INTERIOR SLABS--ON--GRADES UNLESS NOTED OTHERWISE.
- CONCRETE MIX SHALL BE DESIGNED TO DEVELOP THE FOLLOWING STRENGTH MEASURED AT 28 DAYS:
 - FOUNDATIONS/FOOTINGS: 3,500 PSI
 - SLABS ON GRADE: 3,500 PSI
- CONTRACTOR SHALL VERIFY ALL IN SLAB FIXTURE DIMENSIONS WITH ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL PLANS. ALL SLOTS, SLEEVES AND OTHER EMBEDDED ITEMS SHALL BE SET BEFORE CONCRETE IS PLACED.
- CONDUIT SHALL NOT BE PLACED WITHIN THE SLAB ON GRADE. CONDUIT SHALL BE INSTALLED BELOW THE SLAB ON GRADE AND 6" CLEAR BELOW FOOTINGS. PIPES AND DUCTS SHALL NOT EXCEED ONE-THIRD THE SLAB OR WALL THICKNESS UNLESS SPECIFICALLY DETAILED. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR LOCATION OF SLEEVES, ACCESSORIES, ETC.
- REFER TO ARCHITECTURAL DRAWINGS FOR SPECIAL FINISHES, INCLUDING BUT NOT LIMITED TO MOLDS, GROOVES, ORNAMENTS, CLIPS OR GROUNDS REQUIRED TO BE ENCASED IN CONCRETE AND FOR LOCATIONS OF FLOOR FINISHES AND SLAB DEPRESSIONS.
- ALL HONEY-COMBING, SPALLS, CRACKS, ETC. SHALL BE REPAIRED. EXTENT OF DEFECTIVE AREA SHALL BE DETERMINED BY THE STRUCTURAL ENGINEER.
- CONTROL JOINTS SHALL BE ADDED IN CONCRETE SLABS ON GRADE AT A RECOMMENDED SPACING AS INDICATED ON PLANS.
- CONSTRUCTION JOINTS SHALL BE ADDED AS REQUIRED TO PREVENT THE FORMATION OF CONCRETE COLD JOINTS DURING PLACEMENT OF CONCRETE. CONSTRUCTION JOINTS SHALL BE INSTALLED IN LOCATIONS WHERE THE CONCRETE PLACEMENT OPERATION IS SCHEDULED FOR SEVERAL SEPARATE PLACEMENTS OR WHEREVER THE CONCRETE PLACEMENT IS DELAYED A SUFFICIENT AMOUNT OF TIME.
- UNDER NO CIRCUMSTANCES WILL DIGGING, TUNNELING OR TRENCHING BE ALLOWED AT OR NEAR ANY CONCRETE STRUCTURE WHICH MIGHT ACT TO UNDERMINE THE STRUCTURE.
- ALL DETAILS SHOWN ARE TYPICAL, SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS.
- COORDINATE ALL CONSTRUCTION PLANS WITH ARCHITECTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL PLANS.

REINFORCING STEEL

- WELDED WIRE MATERIAL SHALL COMPLY WITH AMERICAN SOCIETY OF TESTING MATERIALS (ASTM) A185 STANDARD SPECIFICATIONS. SUPPORT WELDED WIRE MATERIAL AT THE PROPER DEPTH PRIOR TO PLACING CONCRETE WITH MINIMUM CLEARANCES AS NOTED BELOW AND WITH APPURTENANCES NOTED BELOW.
- WELDED WIRE FABRIC SHALL BE AS INDICATED ON DRAWINGS. WELDED WIRE MATERIAL SHALL BE LAPPED ONE FULL MESH PANEL PLUS TWO (2) INCHES AT SIDES AND ENDS AND WIRED TOGETHER. LAP ALL SIDES AND ENDS EIGHT (8) INCHES, MINIMUM.
- MINIMUM COVER (OR CONCRETE PROTECTION) OF ALL CONCRETE REINFORCEMENT MEASURED FROM THE FINISHED CONCRETE FACE TO THE SOIL SHALL BE THREE (3) INCHES FOR FOOTINGS AND GRADE BEAMS (BOTTOM AND SIDE) AND THREE (3) INCHES BOTTOM AND SIDE FOR SLAB ON GRADE.
- ALL DETAILING, FABRICATION, AND ERECTION OF REINFORCING STEEL SHALL CONFORM TO THE A.C.I. MANUAL OF PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES, A.C.I. 315.
- REINFORCING STEEL SHALL BE PLACED IN ACCORDANCE (IAW) CRSI "PLACING REINFORCING BARS", LATEST EDITION. REINFORCING BARS SHALL BE ASTM A615 GRADE 60.
- THE LAP SPLICE DEVELOPMENT LENGTH OF STEEL REINFORCEMENT SHALL BE ACHIEVED AND MADE TO DEVELOP FULL STRENGTH OF THE REINFORCEMENT STEEL. WHERE SPLICES IN REINFORCING ARE NECESSARY, REINFORCING SHALL BE LAPPED 48 BAR DIAMETERS IN INCHES (MINIMUM). ALL BAR SPLICES SHALL BE CLASS "B" TENSION LAP SPLICES, UNLESS NOTED OTHERWISE. SPLICES SHALL CONFORM TO A.C.I. 318, LATEST REVISION.
- REINFORCEMENT STEEL SHALL BE STORED IN SUCH MANNER TO PREVENT EXPOSURE TO THE ELEMENTS AND SHALL BE FREE OF RUST BEFORE PLACEMENT. REINFORCEMENT STEEL SHALL NOT BE WELDED.
- ALL FOOTING REINFORCEMENT SHALL BE HELD SECURELY FROM THE GROUND USING REBAR CHAIRS OR OTHER APPROVED METHODS. CONCRETE BLOCK OR BRICK MAY BE USED.
- OUTER BAR OF FOUNDATION REINFORCEMENTS SHALL BE CONTINUOUS AROUND CORNERS OR BY BENDING THE BAR, MINIMUM BAR LAP SHALL BE 48 BAR DIAMETER.
- PROVIDE ONE (1) #4 HOOP WITH 8" LAP IN SLAB AROUND ALL FLOOR DRAINS.

CAST IN PLACE CONCRETE

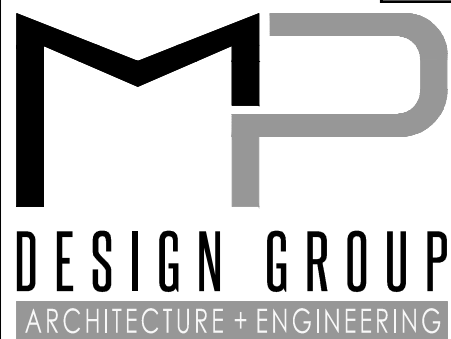
- CONCRETE MIX SHALL BE DESIGNED TO DEVELOP STRENGTH OF 3,500 PSI TESTED AT 28 DAYS.
- CONTRACTOR SHALL VERIFY ALL IN SLAB FIXTURE DIMENSIONS WITH ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL PLANS. ALL SLOTS, SLEEVES AND OTHER EMBEDDED ITEMS SHALL BE SET BEFORE CONCRETE IS PLACED. ALL FOUNDATION PENETRATIONS SHALL BE THROUGH THICKENED SLAB EDGE OR 6" CLEAR BELOW FOOTING. CONDUIT SHALL NOT BE PLACED WITHIN THE SLAB ON GRADE. CONDUIT SHALL BE INSTALLED BELOW THE SLAB ON GRADE. PIPES AND DUCTS SHALL NOT EXCEED ONE-THIRD THE SLAB OR WALL THICKNESS UNLESS SPECIFICALLY DETAILED. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR LOCATION OF SLEEVES, ACCESSORIES, ETC.
- REFER TO ARCHITECTURAL DRAWINGS FOR SPECIAL FINISHES, INCLUDING BUT NOT LIMITED TO MOLDS, GROOVES, ORNAMENTS, CLIPS OR GROUNDS REQUIRED TO BE ENCASED IN CONCRETE AND FOR LOCATIONS OF FLOOR FINISHES AND SLAB DEPRESSIONS. CONCRETE SHALL BE PLACED ON COMPACTED FILL OR OTHER SURFACES. SOIL POISONING SHALL BE APPLIED TO THE COMPACTED SOIL UNDER CONCRETE SLAB AREA PRIOR TO PLACEMENT OF THE VAPOR BARRIER (SEE ARCHITECTURAL DRAWINGS/ SPECIFICATIONS FOR DETAILS). VAPOR BARRIER DAMP PROOFING SHALL BE MINIMUM 10-MIL POLYETHYLENE SHEETING INSTALLED WITHIN BUILDING AREA ON TOP OF THE COMPACTED SOIL PRIOR TO PLACING SLAB CONCRETE.
- ALL HONEY-COMBING, SPALLS, CRACKS, ETC. SHALL BE REPAIRED. EXTENT OF DEFECTIVE AREA SHALL BE DETERMINED BY THE STRUCTURAL ENGINEER.
- CHAMFER ALL EXPOSED EXTERNAL CORNERS OF CONCRETE WITH A $\frac{3}{4}$ " DEGREE CHAMFER, UNLESS NOTED OTHERWISE.
- REFER TO PLANS FOR CONTROL JOINT LOCATIONS. CONSTRUCTION JOINTS MAY BE ADDED AS REQUIRED TO PREVENT THE FORMATION OF CONCRETE COLD JOINTS DURING PLACEMENT OF CONCRETE. CONSTRUCTION JOINTS SHALL BE INSTALLED IN LOCATIONS WHERE THE CONCRETE PLACEMENT OPERATION IS SCHEDULED FOR SEVERAL SEPARATE PLACEMENTS OR WHEREVER THE CONCRETE PLACEMENT IS DELAYED A SUFFICIENT AMOUNT OF TIME TO FORM A CONCRETE COLD JOINT.
- SLABS ON GRADE SHALL BE A THICKNESS AND REINFORCING AS SHOWN ON PLANS. REINFORCING AS SHOWN ON PLANS AND SHALL BE HELD SECURELY FROM THE GROUND USING REBAR CHAIRS OR OTHER APPROVED METHODS (CUT CONCRETE BRICK OR MAY BE USED) TO ENSURE MESH STAYS AT DEPTH INTENDED.
- UNDER NO CIRCUMSTANCES WILL DIGGING, TUNNELING OR TRENCHING BE ALLOWED AT OR NEAR ANY CONCRETE STRUCTURE WHICH MIGHT ACT TO UNDERMINE THE STRUCTURE.
- ANCHOR RODS SHALL CONFORM TO ASTM F1554 STANDARDS, NUTS SHALL CONFORM TO ASTM A563 STANDARDS AND WASHERS TO ASTM F436 STANDARDS.
- ALL DETAILS SHOWN ARE TYPICAL, SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS.
- COORDINATE ALL CONSTRUCTION PLANS WITH ARCHITECTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL PLANS.

TIMBER

- ROOF AND BEAM TIMBER SHALL BE NO. 2 SOUTHERN YELLOW PINE (SYP) (OR EQUIVALENT).
- EXTERIOR WALL TIMBER SHALL BE 2X6, NO. 2 SOUTHERN YELLOW PINE (SYP) STUD GRADE (EQUIVALENT) AT 16 INCHES ON CENTER, MAXIMUM.
- TOP PLATE TIMBER SHALL BE NO. 2 SOUTHERN YELLOW PINE (SYP) (OR EQUIVALENT).
- BOTTOM SILL PLATE SHALL BE TREATED NO. 2 SOUTHERN YELLOW PINE (SYP) (OR EQUIVALENT).
- PLYWOOD SHEATHING:
 - EACH CONSTRUCTION AND INDUSTRIAL PANEL SHALL CONFORM TO THE REQUIREMENTS FOR THEIR TYPE IN DOC PS1, DOC PS2 OR ANSI/APA PRP 210. EACH PANEL SHALL BE IDENTIFIED FOR GRADE, BOND CLASSIFICATION AND PERFORMANCE CATEGORY BY THE TRADEMARKS OF AN APPROVED TESTING AND GRADING AGENCY.
 - ALL PANELS WHICH HAVE ANY EDGE OR SURFACE PERMANENTLY EXPOSED TO THE WEATHER SHALL BE CLASSED EXTERIOR TYPE EXCEPT THAT WOOD STRUCTURAL PANEL ROOF SHEATHING EXPOSED TO THE OUTDOORS ON THE UNDERSIDE IS PERMITTED TO BE EXPOSURE 1 TYPE.
 - WOOD STRUCTURAL PANEL COMPONENTS SHALL BE DESIGNED AND FABRICATED IN ACCORDANCE WITH THE APPLICABLE STANDARDS LISTED IN SECTION 2306.1, OF THE INTERNATIONAL BUILDING CODE 2012 EDITION (IBC 2012) AND IDENTIFIED BY THE TRADEMARKS OF AN APPROVED TESTING AND INSPECTION AGENCY INDICATING CONFORMANCE TO THE APPLICABLE STANDARD.
 - ROOF PANELS SHALL BE 23/32" APA EXP1 RATED (3-PLY) EXTERIOR GRADE PLYWOOD DECKING NAILED 4" ON EDGES AND 6" FIELD WITH 10d NAILS HAVING A 1 1/2" PENETRATION.
 - EXTERIOR SHEATHING SHALL CONSIST OF A STRUCTURAL 1 RATED SHEATHING, 24/16 PANEL SPAN RATING, 5/8" THICK, WITH AN 8d NAIL SIZE SPACING OF 6" ON EDGE AND 6" FIELD WITH A MINIMUM PENETRATION OF 1-3/4"
- SECURE EACH ROOF TRUSS/RAFTER TO TOP PLATE WITH APPROPRIATE HURRICANE CONNECTOR (SEE TYPICAL WALL SECTIONS FOR CALLOUTS).
- ALL WOOD STRUCTURAL CONNECTORS INSTALLED SHALL BE AS MANUFACTURED BY SIMPSON STRONG TIE STRUCTURAL CONNECTORS OR EQUIVALENT.
- PROVIDE HURRICANE STRAPS AT TOP OF EACH DOOR AND WINDOW FRAME OPENING AS REQUIRED BY IBC 2018.
- AS DESIGNED, ALL EXTERIOR STUDS ARE PRECUT 2x6's U.N.O. ON PLANS.

MATERIAL SPECIFICATIONS

- ANCHOR BOLTS	Fy = 55,000 PSI (ASTM F1554)
- EMBEDDED STEEL	Fy = 36,000 PSI (ASTM A36)
- CAST IN PLACE CONCRETE	
- FOOTINGS AND PILE CAPS	F'c = 3,500 PSI IN 28 DAYS
- INTERIOR SLABS ON GRADE	F'c = 3,500 PSI IN 28 DAYS
- EXTERIOR EXPOSED CONC. (AIR ENTRAINED)	F'c = 3,500 PSI IN 28 DAYS
- REINFORCING STEEL	
- #3 OR LARGER	Fy = 60,000 PSI (ASTM A615, GRADE 60)
	(ASTM A616 (S1), GRADE 60)
- WELDED WIRE FABRIC	ASTM A185 (FLAT SHEETS ONLY)



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CITY OF DIAMONDHEAD

TWIN LAKES FISHING PIER AND TRAIL

DIAMONDHEAD DRIVE WEST
DIAMONDHEAD, MS 39525

SCALE: AS INDICATED
 PROJECT NO: 0275.20.004
 DRAWN BY: BAJ
 CHECKED BY: GWK

GENERAL CONSTRUCTION REQUIREMENTS

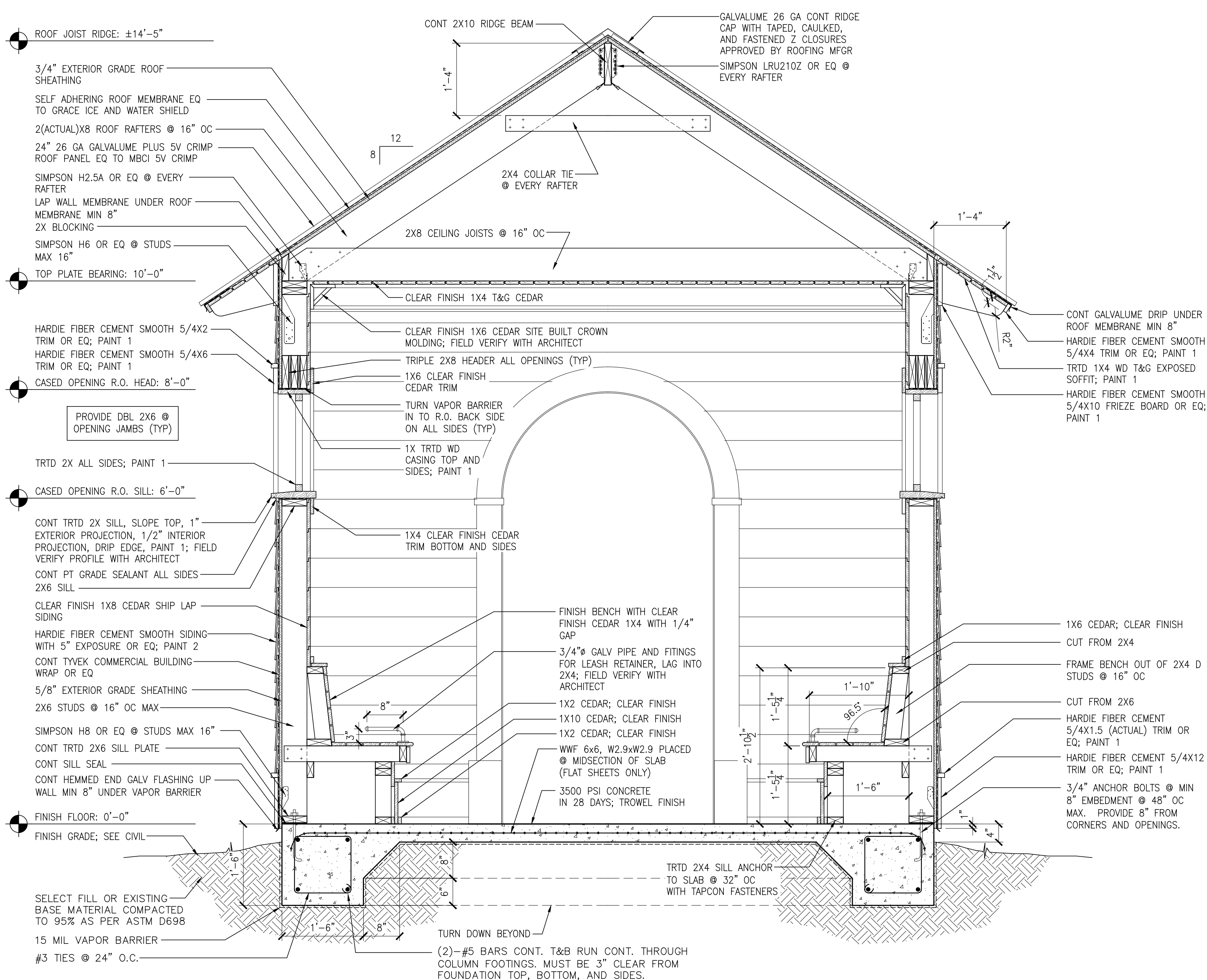
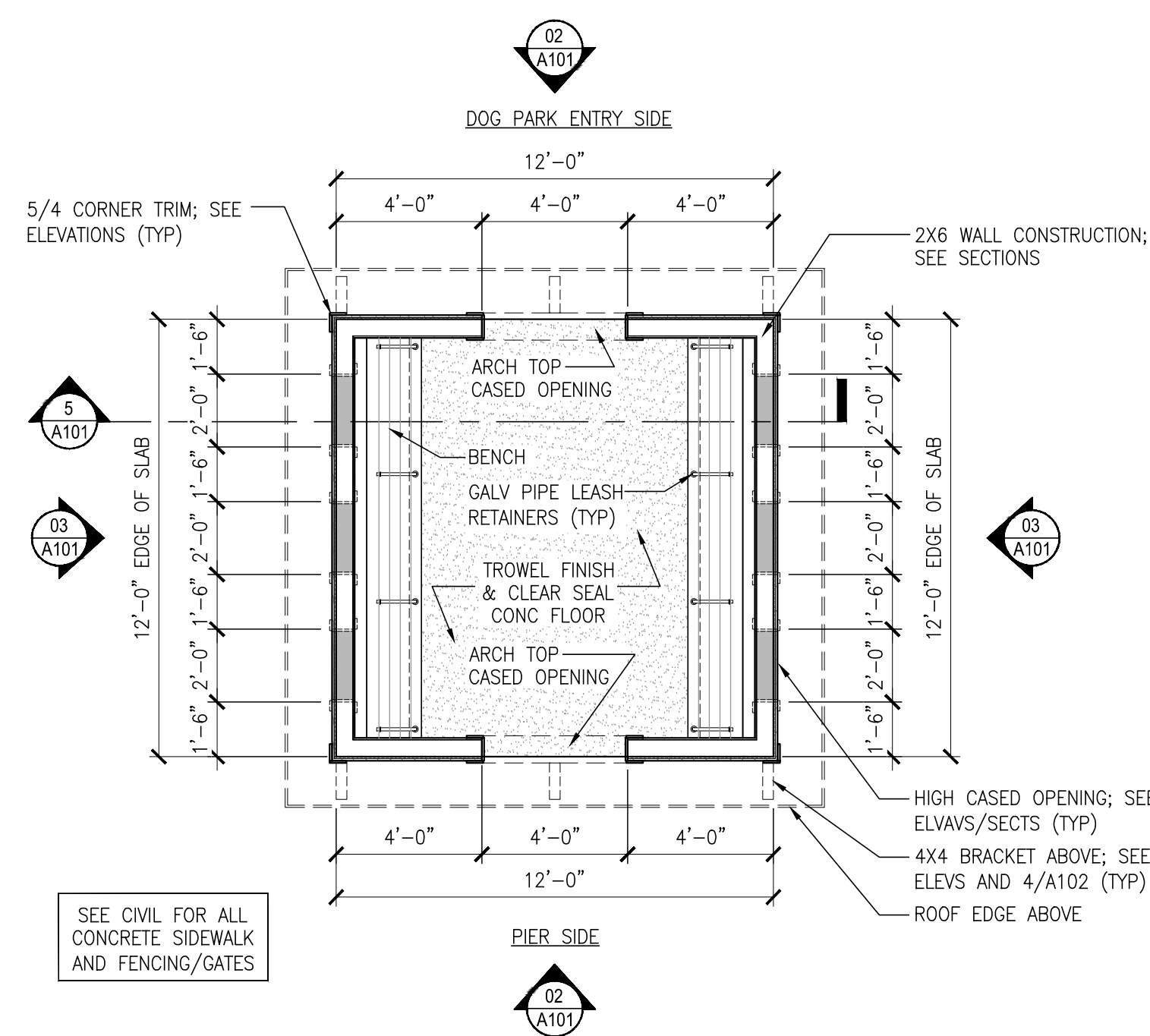
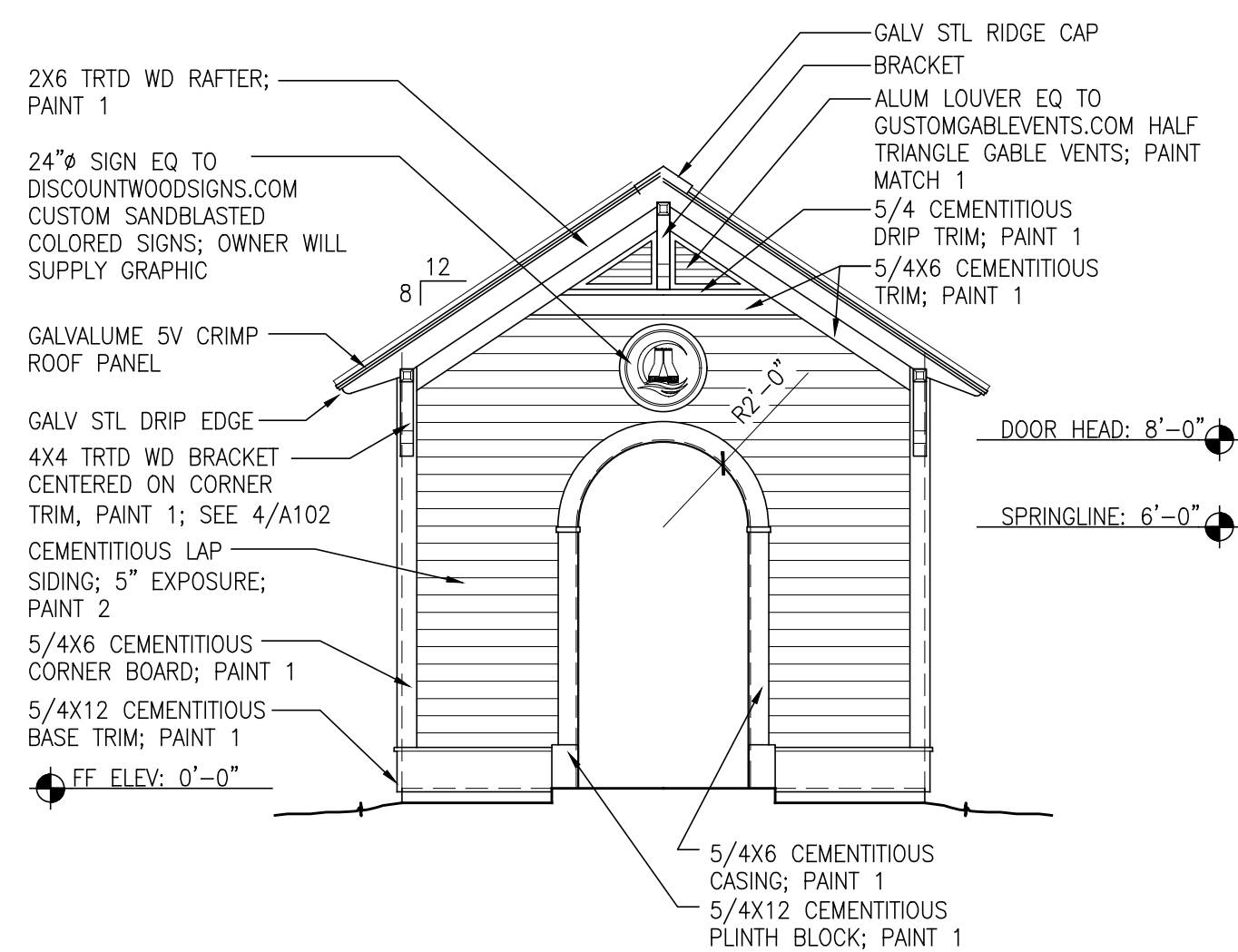
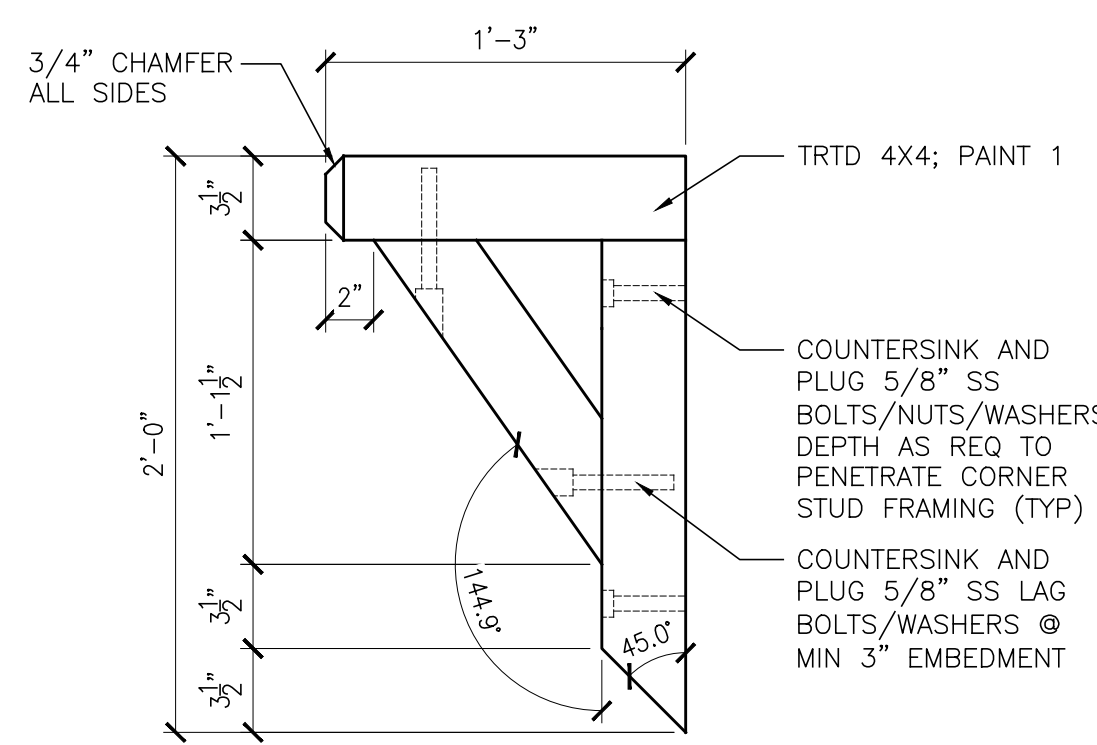
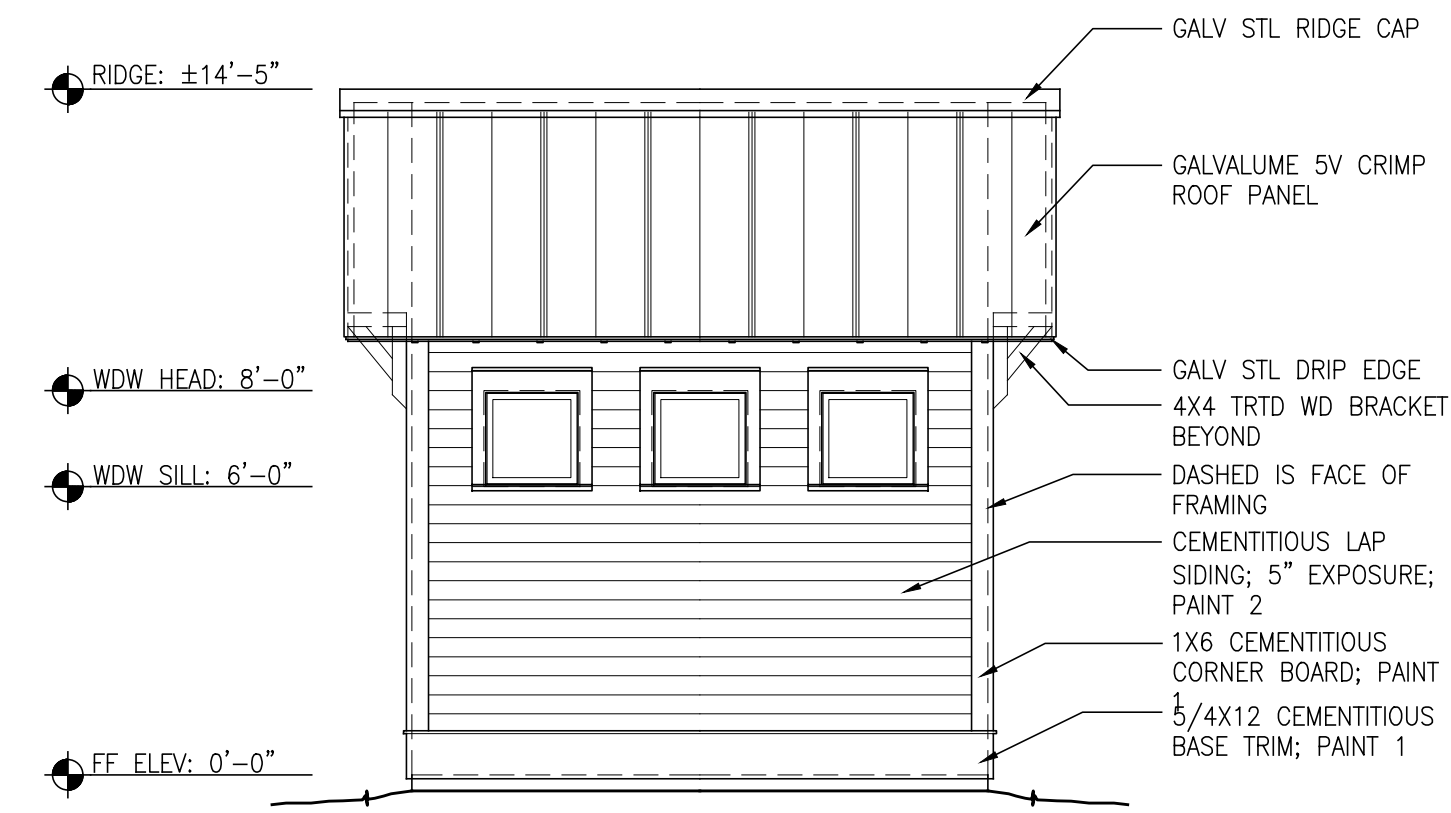
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A-101

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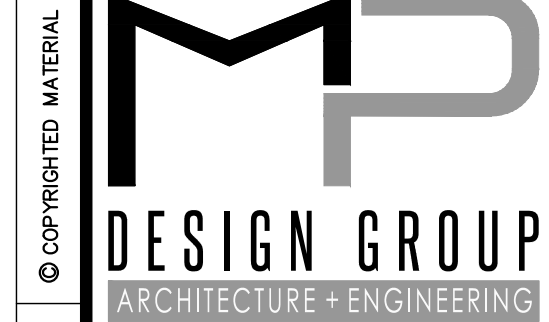
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PLANS WITHOUT REGISTERED
 ENGINEER/ARCHITECT STAMP
 AND SIGNATURE ARE
 CONSIDERED "NOT FOR
 CONSTRUCTION" AND SHALL
 NOT BE USED IN ANY MANNER
 FOR CONSTRUCTION OR
 PERMITTING OF SAID PROJECT.

CITY OF DIAMONDHEAD
 TWIN LAKES FISHING PIER AND TRAIL
 DIAMONDHEAD DRIVE WEST
 DIAMONDHEAD, MS 39525

SCALE: AS INDICATED
 PROJECT NO: 0275.20.004
 DRAWN BY: JGP
 CHECKED BY: GWK

SUMMARY OF QUANTITIES

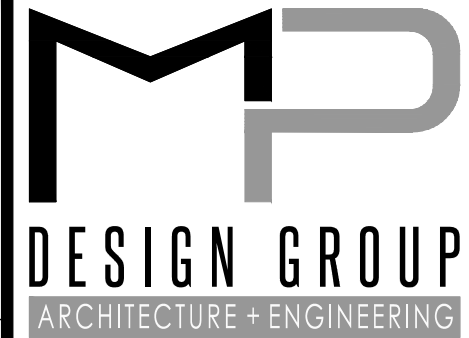
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C002

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Summary of Quantities					
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENSION
1	Mobilization	1	LS		
2	Clearing and Grubbing	1	AC		
3	Removal of Pipe (All Sizes)	20	LF		
4	Removal of Obstructions	10	CY		
5	Maintenance of Erosion Control	1	LS		
6	Construction Entrance/Exit	1	EA		
7	Temporary Silt Fence	1200	LF		
8	Temporary Inlet Protection	3	EA		
9	Unclassified Excavation (PM)(AH)	1000	CY		
10	Import Borrow Fill Material (PM)	3000	CY		
11	Entry Building	1	LS		
12	5' Tall Architectural Fence	1100	LF		
13	Wooden Post Barrier	170	LF		
14	Wooden Pier	1	LS		
15	Hot Bituminous Pavement, Surface Course	800	SY		
16	"610" Crushed Aggregate Base Course	165	CY		
17	Blue Parking Striping	200	LF		
18	Concrete Wheelstops	8	EA		
19	Concrete Pavement	40	SY		
20	Concrete Sidewalk	200	SY		
21	Truncated Dome Detectable Warning	2	EA		
22	Handicap Signage	4	EA		
23	Decorative Brick Pavers	50	SY		
24	Concrete Mudslab	50	SY		
25	Select Sand	50	SY		
26	Concrete Ribbon Curb	90	LF		
27	Concrete Splash Pad	2	EA		
28	Concrete Wash Station	1	EA		
29	Hitching Post	2	EA		
30	Water Fountain	2	EA		
31	1" SCH.40 PVC Pipe	420	LF		
32	4" SDR 26 PVC Pipe	120	LF		
33	8" SDR 26 PVC Pipe	155	LF		
34	12" SDR 26 PVC Pipe	75	LF		
35	22"x13" Reinforced Concrete Arch Pipe	120	LF		
36	22"x13" Reinforced Concrete Arch Pipe Flared End Section	2	EA		
37	Nyloplast Drain Basin	4	EA		
38	Solid Sodding, 419 Bermuda	5000	SY		
39	2" Thick Topsoil	5000	SY		
40	100 LB Rip Rap	100	SY		

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CITY OF DIAMONDHEAD
TWIN LAKES FISHING PIER AND TRAIL
DIAMONDHEAD DRIVE WEST
DIAMONDHEAD, MS 39525

SCALE: AS INDICATED
PROJECT NO: 0275.20.004
DRAWN BY: JGP
CHECKED BY: GWK

EXISTING CONDITIONS AND SITE DEMOLITION PLAN

NO.	DATE	REVISION / SUBMITTAL
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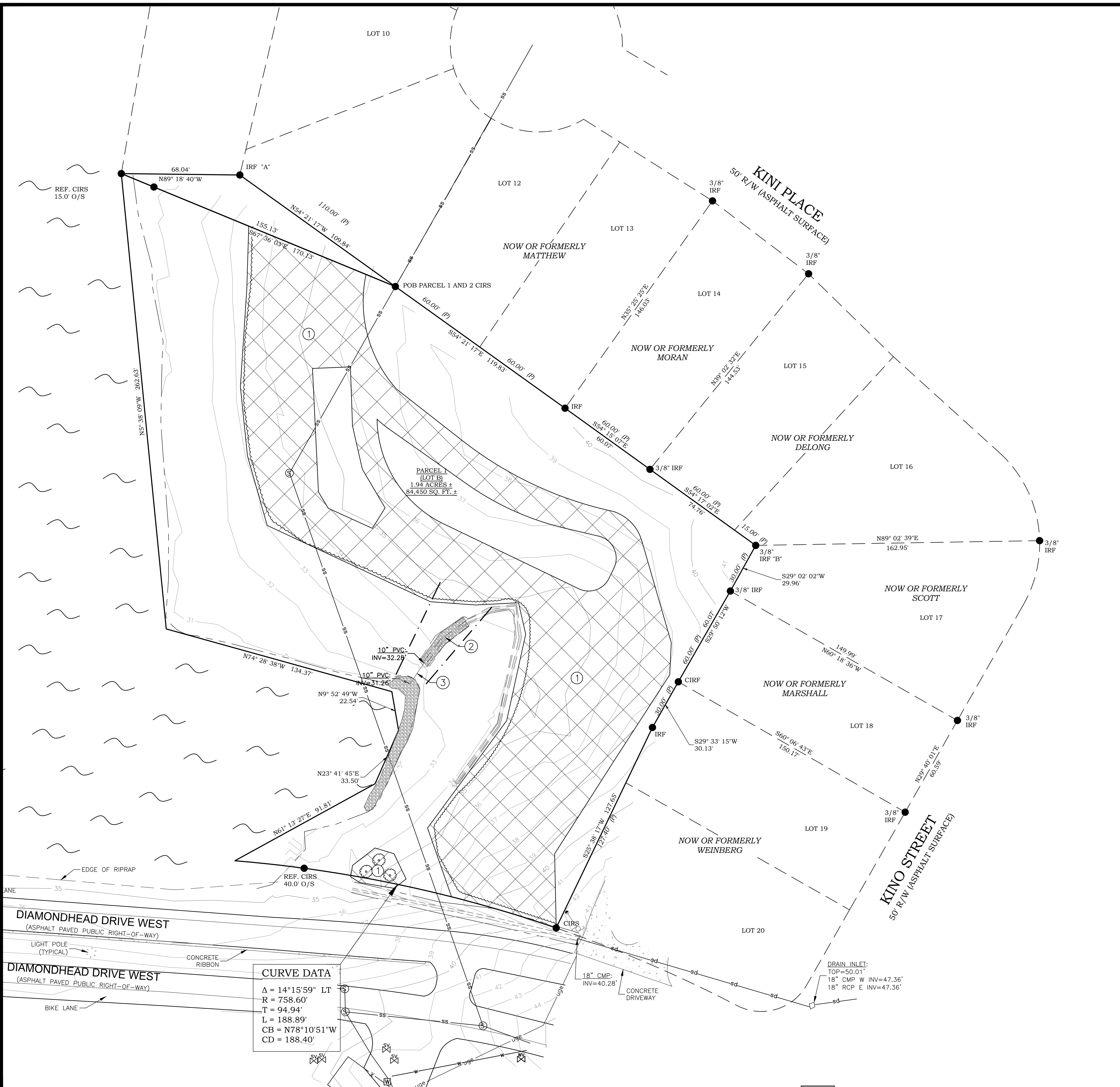
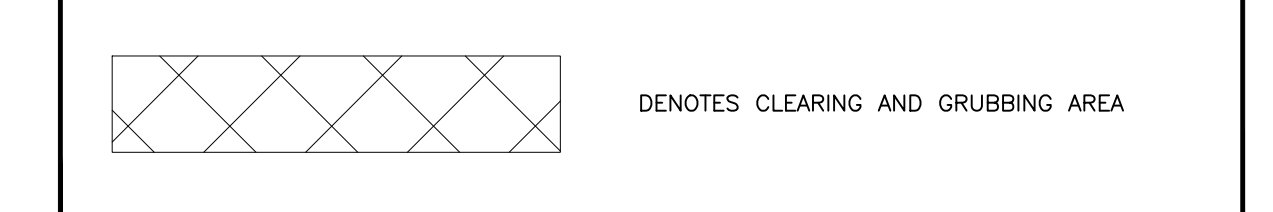
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VERIFY SCALES
BAR IS ONE INCH ON ORIGINAL DRAWING
1" = 30'

DEMOLITION NOTES

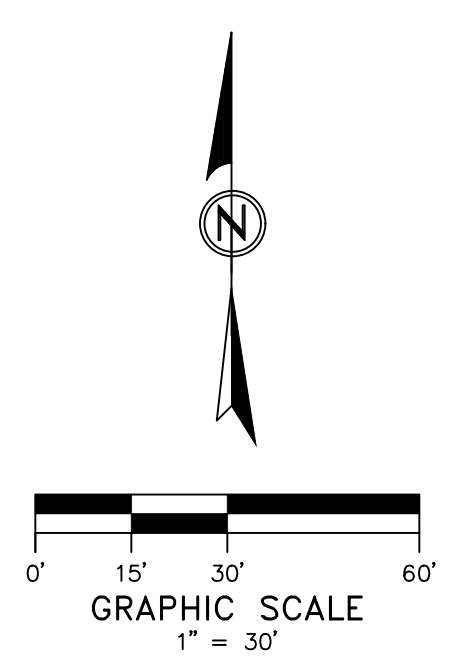
- 1. CONTRACTOR SHALL CLEAR AND GRUB IN THE AREA OUTLINED. CONTRACTOR SHALL MAINTAIN AND PROTECT THE REMAINDER OF THE WOODED AREA IN IT'S EXISTING CONDITION. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ANY AND ALL DEBRIS RELATED TO THIS ITEM.
- 2. CONTRACTOR SHALL REMOVE EXISTING RIP RAP. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ANY AND ALL DEBRIS RELATED TO THIS ITEM.
- 3. CONTRACTOR SHALL REMOVE EXISTING STORM DRAIN PIPE. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ANY AND ALL DEBRIS RELATED TO THIS ITEM.

DEMOLITION LEGEND



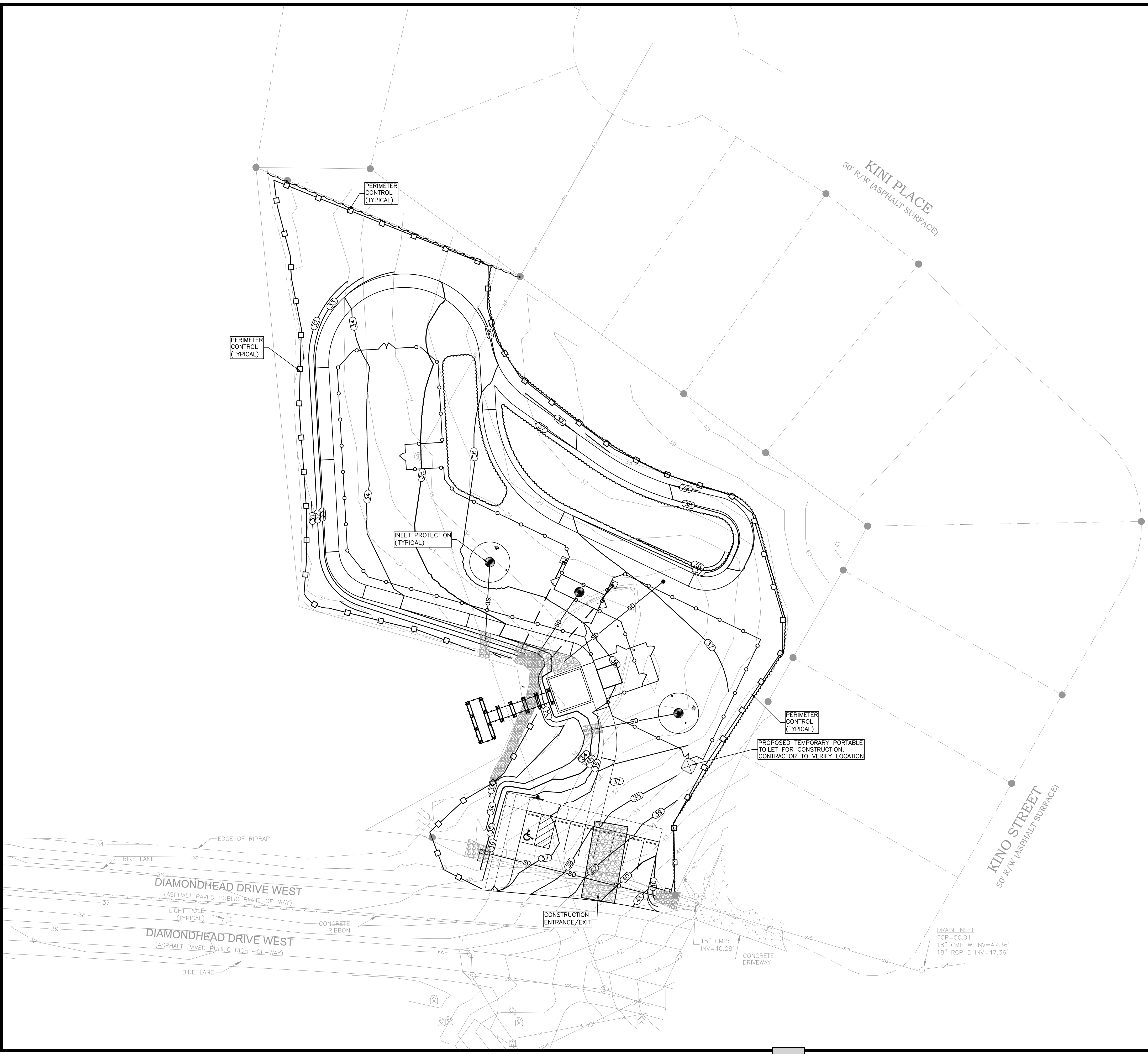
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SWPPP LEGEND

- DENOTES PERIMETER CONTROL (SILT FENCE)
- DENOTES CONSTRUCTION ENTRANCE/EXIT

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TWIN LAKES FISHING PIER AND TRAIL
DIAMONDHEAD DRIVE WEST
DIAMONDHEAD, MS 39525

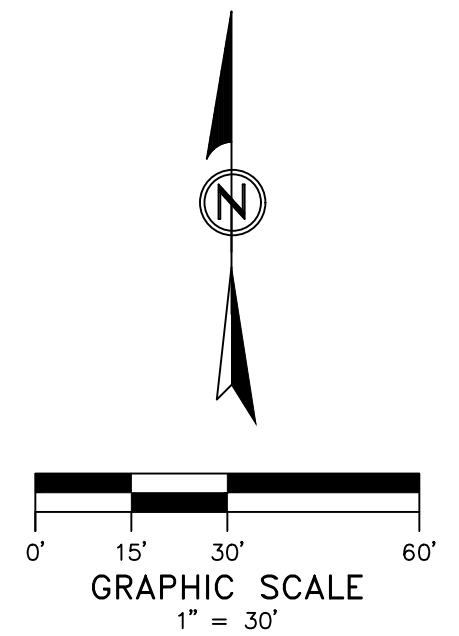
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STORM WATER POLLUTION PREVENTION PLAN

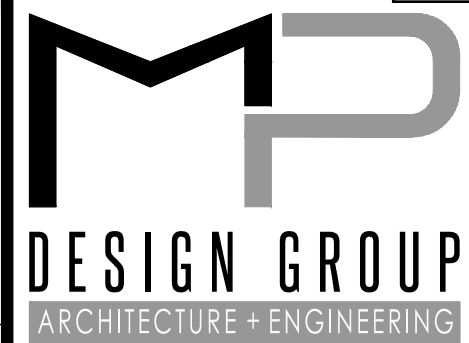
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CIVIL SITE PLAN

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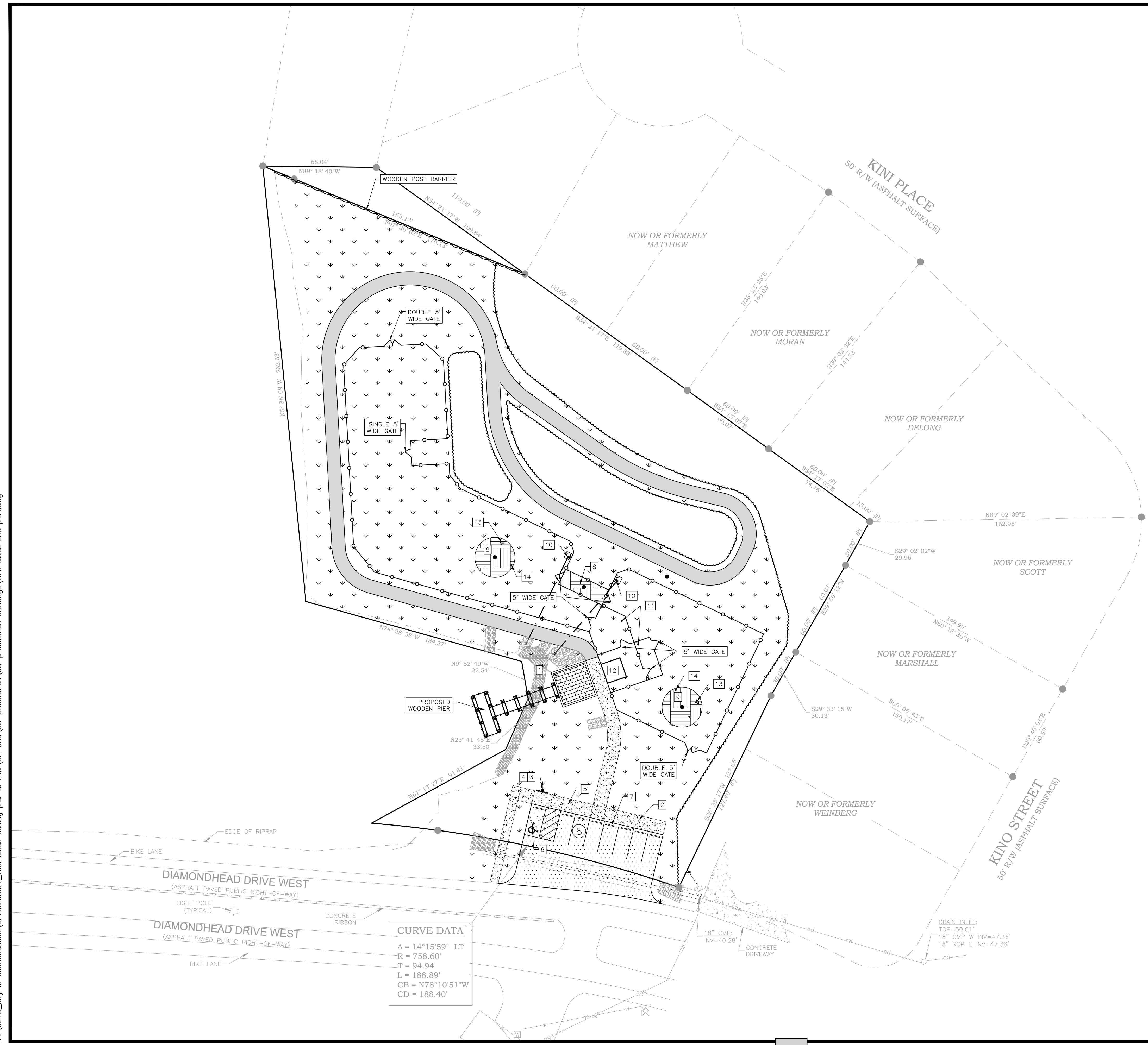
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LEGEND

- DENOTES CONCRETE PAVEMENT
- DENOTES CONCRETE SPLASH PAD AND CONCRETE WASH STATION
- DENOTES DECORATIVE PAVERS
- DENOTES CONCRETE SIDEWALK
- DENOTES GRAVEL PARKING AREA
- DENOTES 8' WIDE ASPHALT WALKING TRACK
- DENOTES 419 BERMUDA SOD
- DENOTES 5' TALL OMEGA II ARCHITECTURAL FENCE
- DENOTES PARKING SPACE COUNT

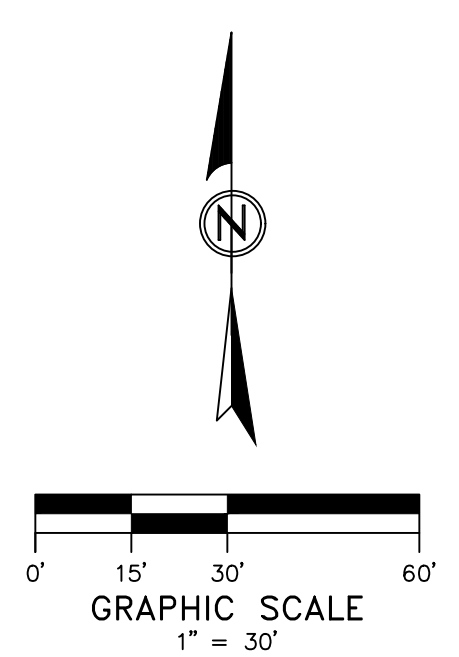
SITE NOTES

- DECORATIVE BRICK PAVERS WITH RIBBON CURB
- CONCRETE SIDEWALK
- HANDICAP PARKING SIGN
- HANDICAP VAN PARKING SIGN
- HANDICAP RAMP WITH TRUNCATED DOME
- HANDICAP PARKING SYMBOL AND STRIPING (SEE C620 FOR DETAILS)
- CONCRETE WHEEL STOP
- DOG WASH STATION
- DOG SPLASH PAD
- WATER FOUNTAIN ON 4'X4' CONCRETE PAD (HALSEY TAYLOR ENDURA II TUBULAR OUTDOOR FOUNTAIN MODEL NO. 4420DB OR APPROVED EQUAL)
- HITCHING POST (BARK PARK PBARK-480-BLUE LEASH POST OR APPROVED EQUAL)
- ENTRY BUILDING
- H2O FIDO FSF-FH-25 MIST HYDRANT OR APPROVED EQUAL, COLOR TO BE SELECTED BY OWNER
- H2O FIDO ECOPLAY SPLASH PAD ACTIVATOR-TIMER OR APPROVED EQUAL

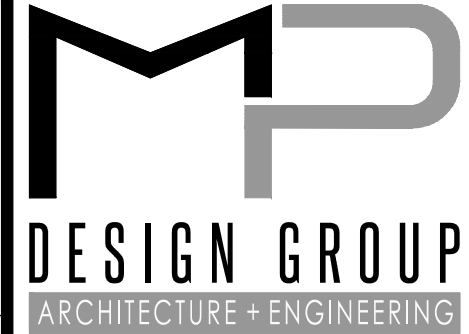


CURVE DATA

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R = 758.60'
T = 94.94'
L = 188.89'
CB = N78°10'51"W
CD = 188.40'



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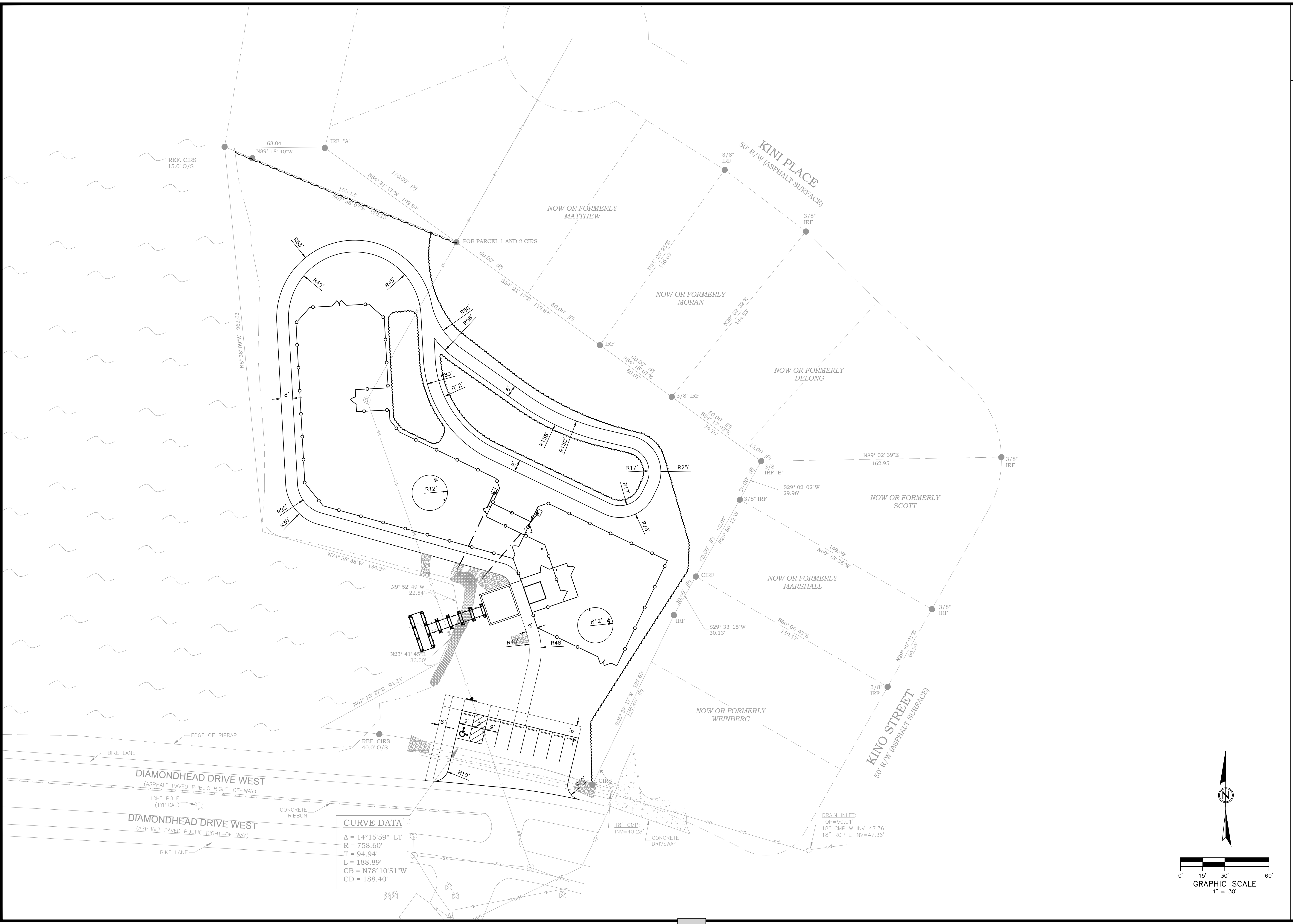
SITE LAYOUT PLAN

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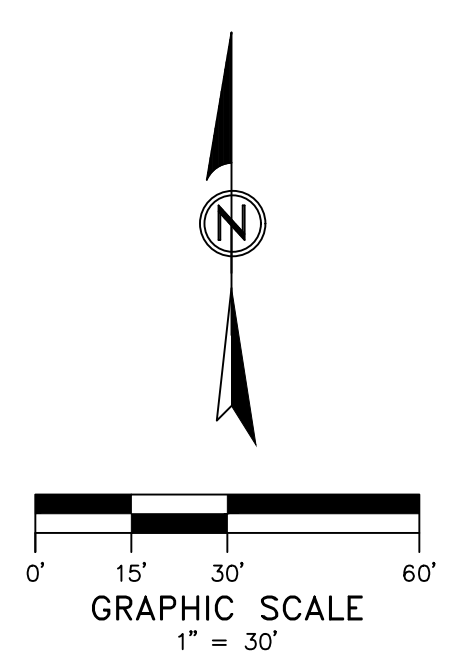
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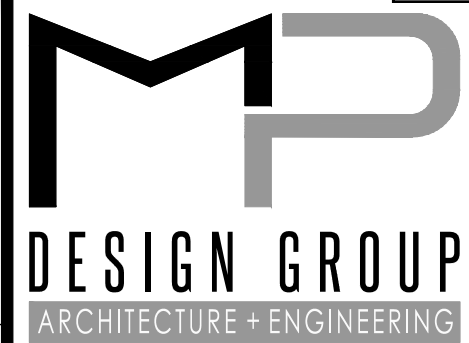


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JOINTING PLAN AND DETAILS

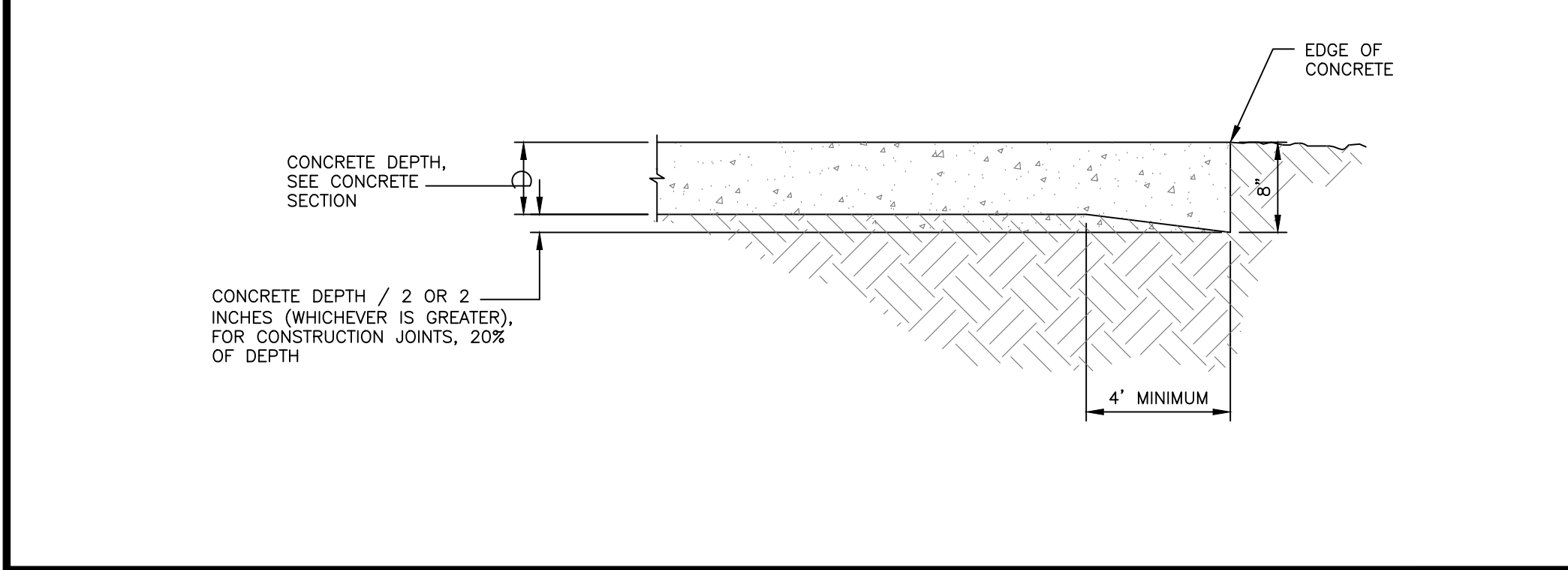
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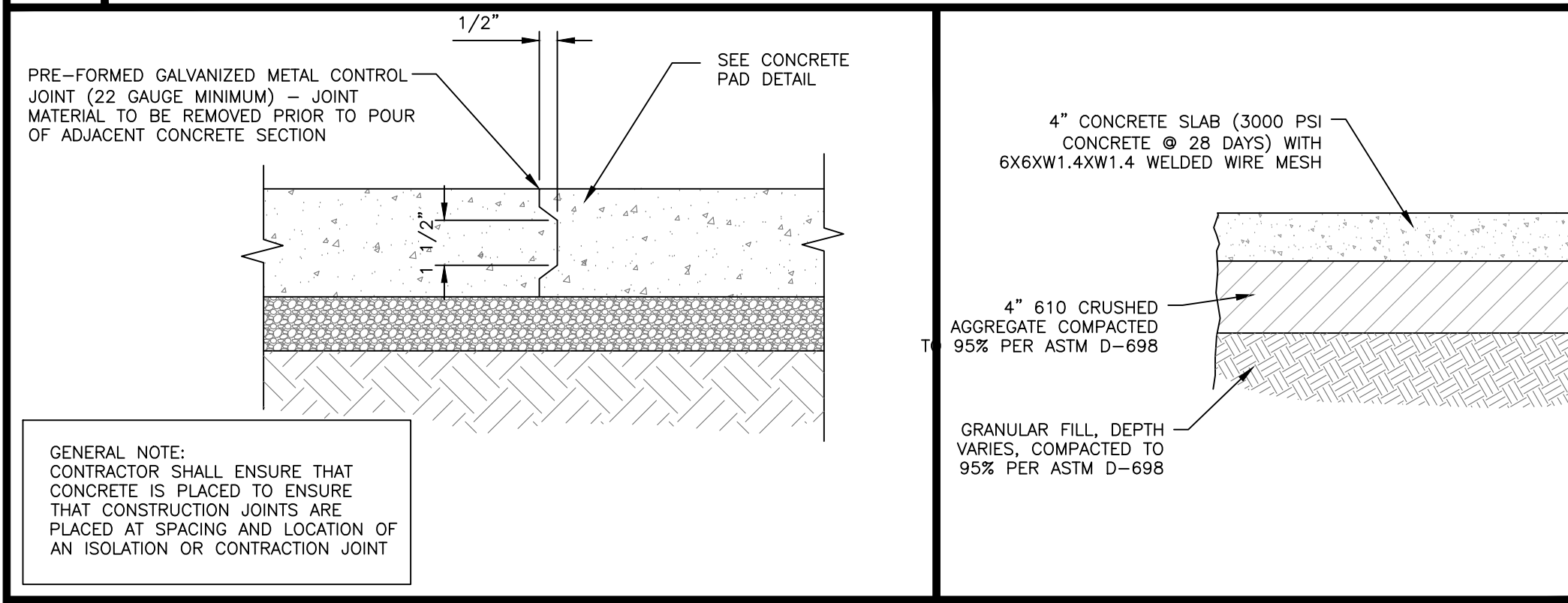
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- CONTRACTOR SHALL CONFORM TO THE PROVIDED JOINT LAYOUT PLAN. CONTRACTOR SHALL PLAN POURS TO ENSURE THAT CONSTRUCTION JOINTS ARE PROVIDED AT LOCATIONS OF ISOLATION OR CONTRACTION JOINTS.
- ALL JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ACI 330R-08 OR SECTION 3.07 IN THE NRMCA GUIDE SPECIFICATIONS.
- ISOLATION JOINTS SHALL BE APPLIED AROUND IN-PAVEMENT AND FIXED STRUCTURES, SUCH AS DRAINAGE INLETS, MANHOLES, LIGHTING STRUCTURES, FOOTINGS, ETC. AND AS NOTED ON PLANS.
- JOINTS ARE TO ENTER CURVED EDGES WITH PERPENDICULAR CUTS.
- JOINTS SHALL BE CUT WITHIN TWELVE (12) HOURS OF FINISHING CONCRETE.
- CONTRACTION JOINT CUTS SHALL BE 1/4 OF THE PAVEMENT THICKNESS DEEP.
- CONTRACTOR SHALL INSTALL CONTRACTION JOINTS AT THE END OF ONE PLACEMENT AND THE BEGINNING OF A SECOND PLACEMENT. LOCATION SHALL BE PLANNED AS NOTED IN NOTE 1 ABOVE.
- CONTRACTOR SHALL PROVIDE A THICKENED PAVEMENT EDGE AT BOTH SIDES OF ALL CONSTRUCTION JOINTS. THICKENED EDGE SHALL BE 20% OF SLAB THICKNESS OR 2 INCHES, WHICHEVER IS GREATER.
- PROVIDE THICKENED EDGE ALL ALL AREAS WHERE CONCRETE TERMINATES (i.e. INTERSECTIONS) AND WHERE SHOWN ON PLAN.
- CONTRACTOR SHALL CONTINUE CONTRACTION JOINTS THROUGH CURB AND CURB AND GUTTER TO HELP ELIMINATE SYMPATHY CRACKS.
- IF EDGE RESTRAINTS ARE NOT USED, THE BARS SHOULD BE PLACED AT THE FIRST LONGITUDINAL JOINT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ISOLATION JOINTS AROUND ALL IN PAVEMENT AND FIXED STRUCTURES AS NOTED ABOVE WHETHER THEIR LOCATION IS SHOWN ON THIS PLAN OR NOT. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SAID JOINTS IRREGARDLESS OF WHETHER STRUCTURES ARE SHOWN ON THIS PLAN.
- A PREFORMED JOINT FILLER MATERIAL OCCUPIES THE GAP BETWEEN THE STRUCTURE AND PAVEMENT.
- FILLER MATERIAL IS A BITUMEN - TREATED FIBER BOARD, (SEE DETAIL)
- JOINT SEALER IS APPLIED ABOVE THE FILLER MATERIAL AND AT EACH CONTRACTION JOINT.
- MAXIMUM JOINT SPACING FOR STANDARD DUTY PAVEMENT IS 12.5 FEET AND 15 FEET FOR HEAVY DUTY PAVEMENT IN ANY DIRECTION.
- RECOMMENDED JOINT PLAN MUST BE REVISED TO ACCOMMODATE CONSTRUCTION JOINTS.

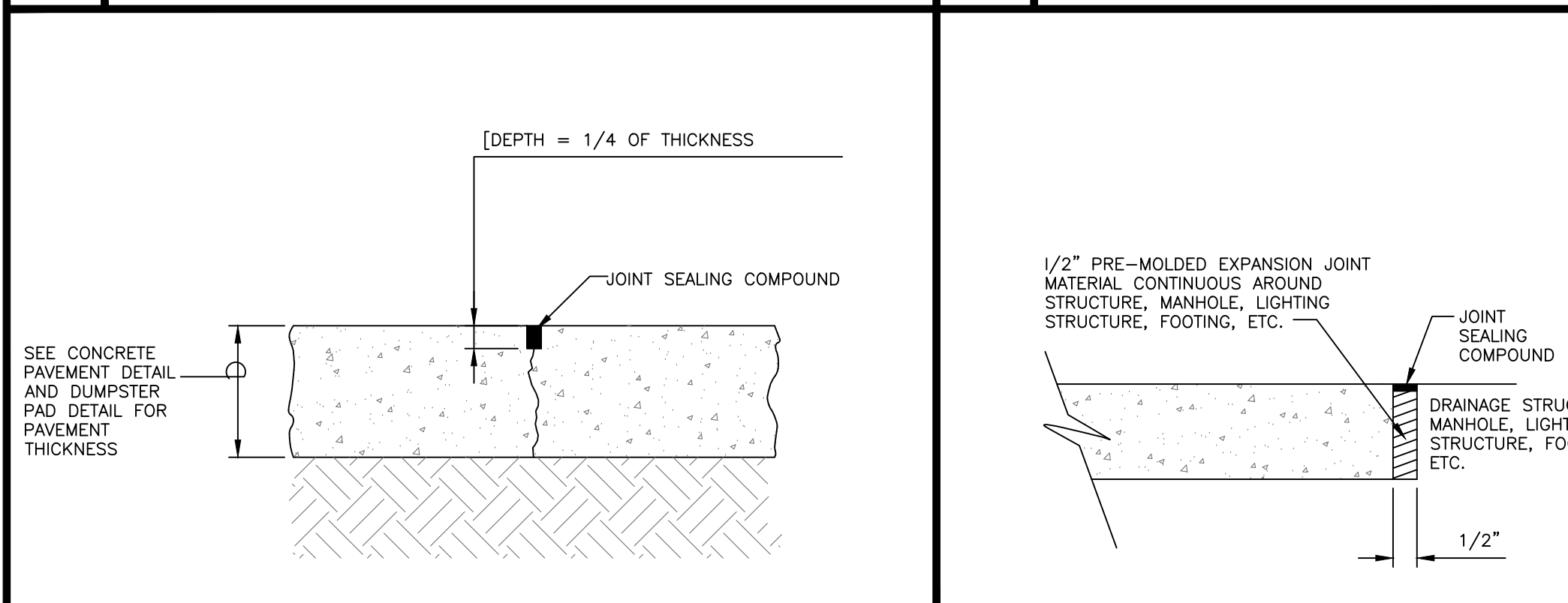
2 GENERAL JOINTING NOTES



3 THICKENED SLAB DETAIL



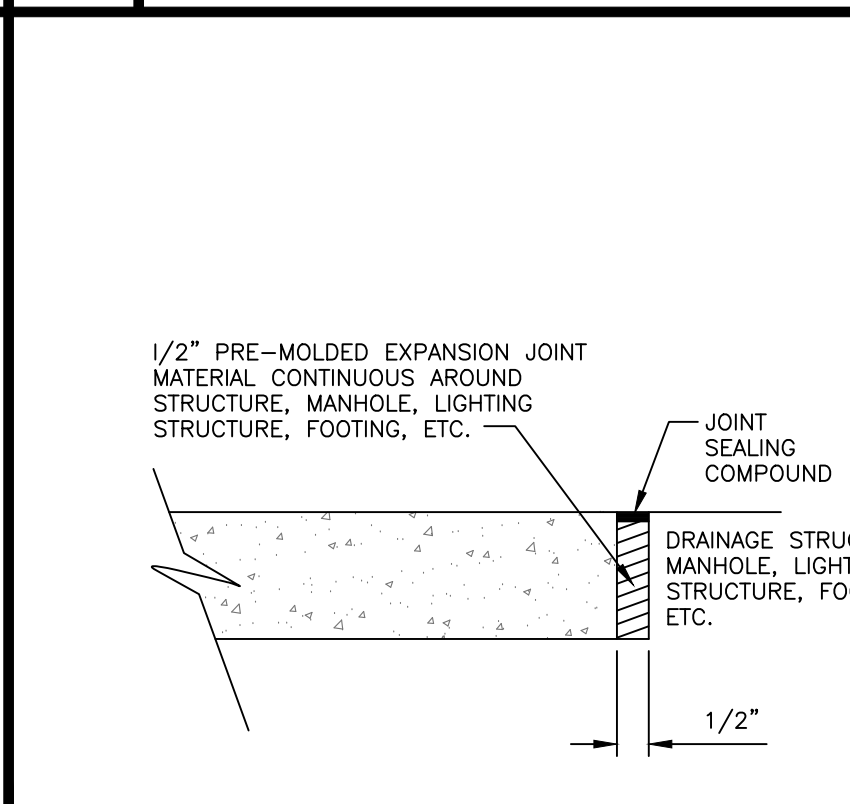
4 PRE-FORMED GALVANIZED METAL CONSTRUCTION JOINT DETAIL



6 CONTRACTION JOINT DETAIL

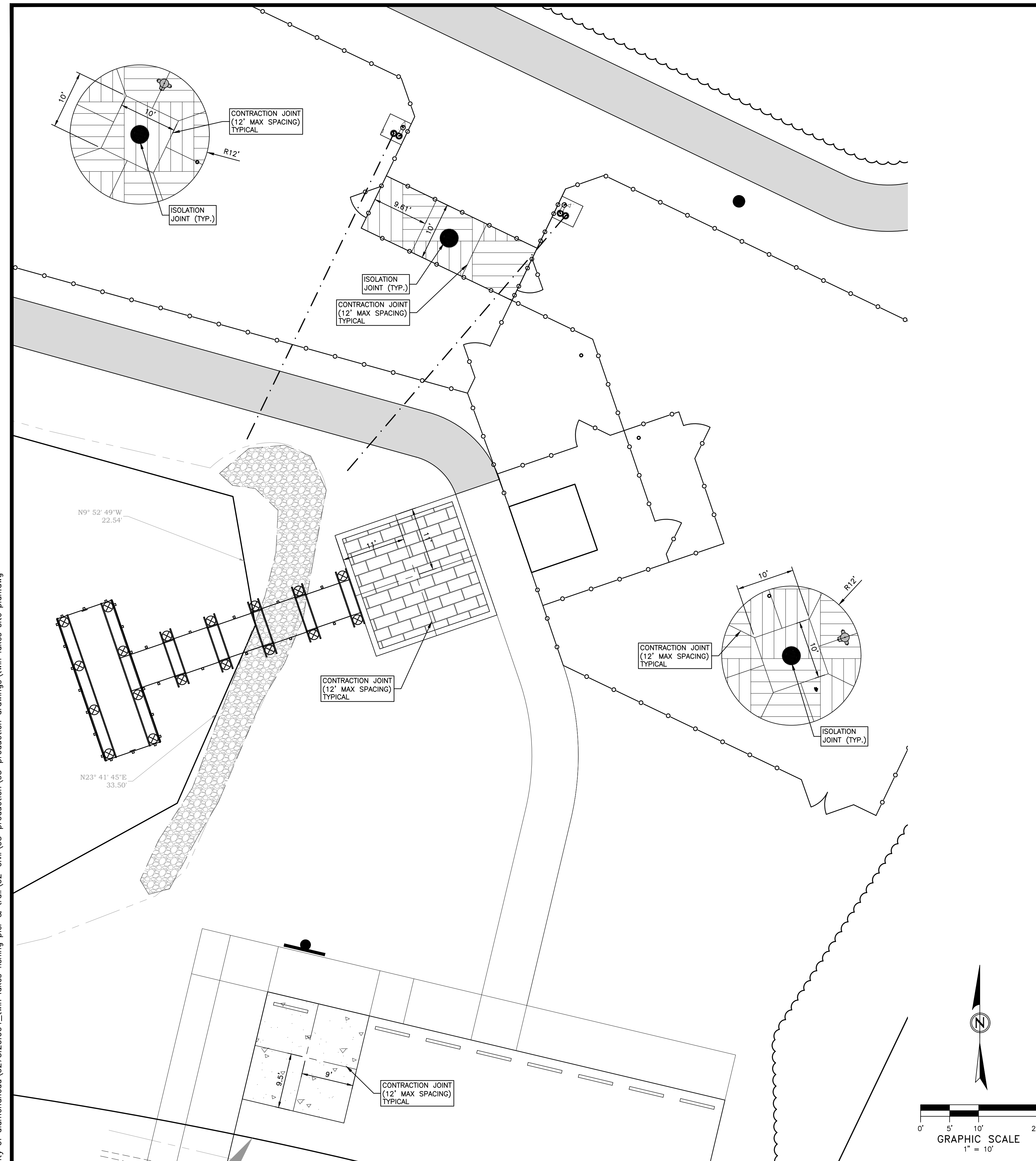
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5 CONCRETE PAD DETAIL



7 ISOLATION JOINT DETAIL

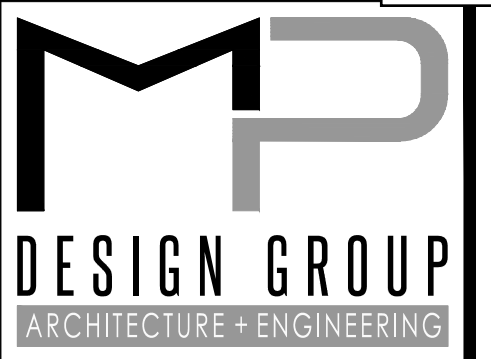
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1 JOINTING PLAN

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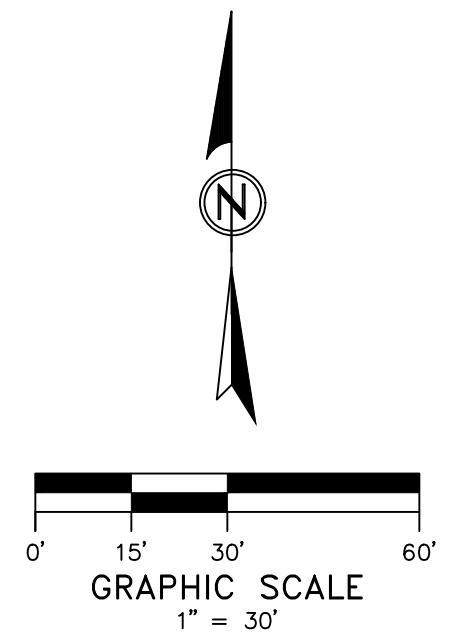
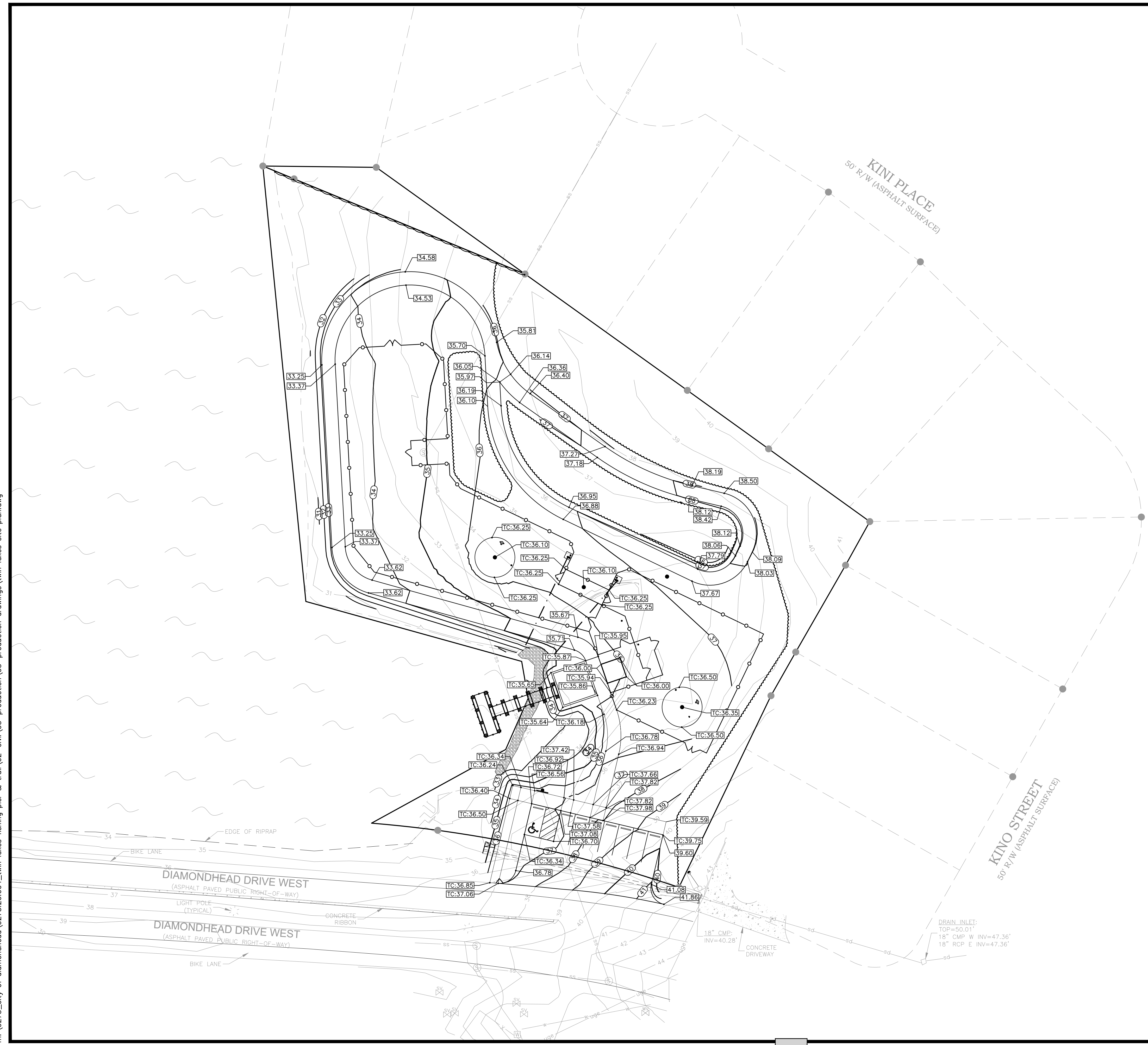
SITE GRADING PLAN

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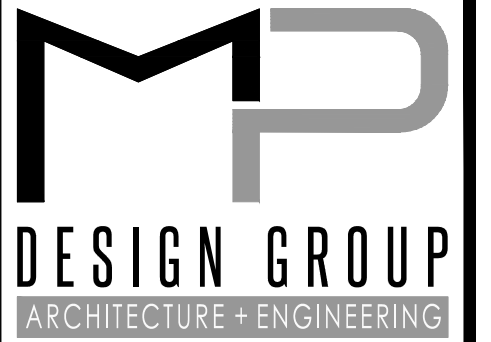
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GRADING LEGEND	
	DENOTES PROPOSED SPOT ELEVATIONS
	DENOTES TOP OF CURB/SIDEWALK ELEVATION
	DENOTES EXISTING GRADE CONTOUR
	DENOTES FINISHED GRADE CONTOUR
	DENOTES WATERSHED FLOW DIRECTION
	DENOTES GRADING RIDGE LINE



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SITE DRAINAGE PLAN

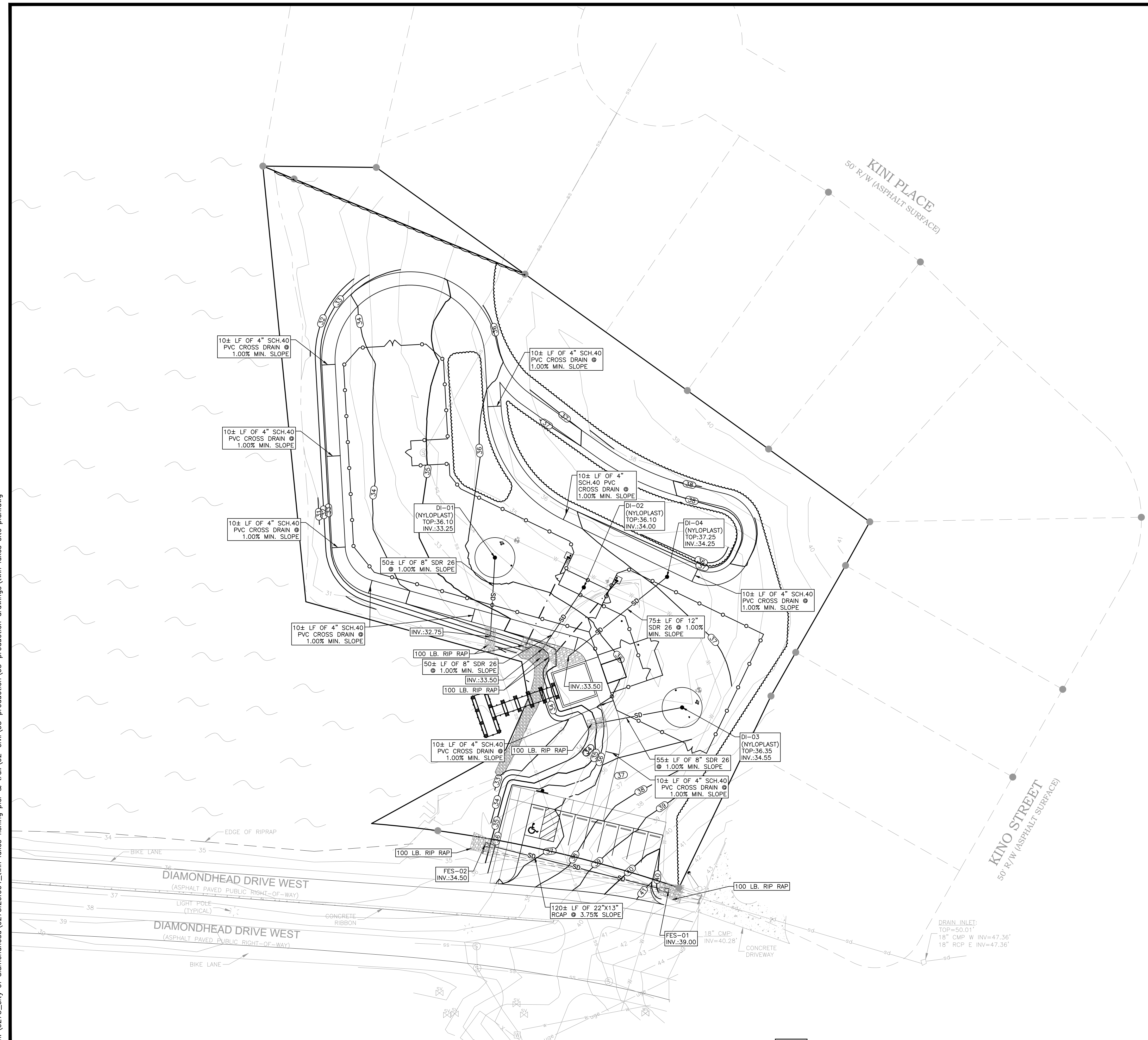
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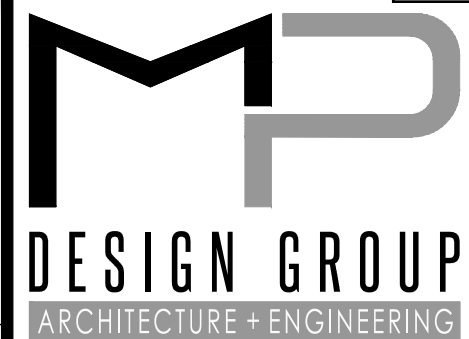
--- 30 --- DENOTES EXISTING GRADE CONTOUR

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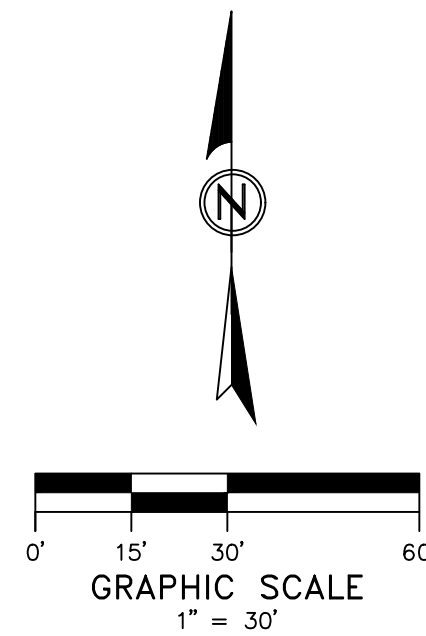
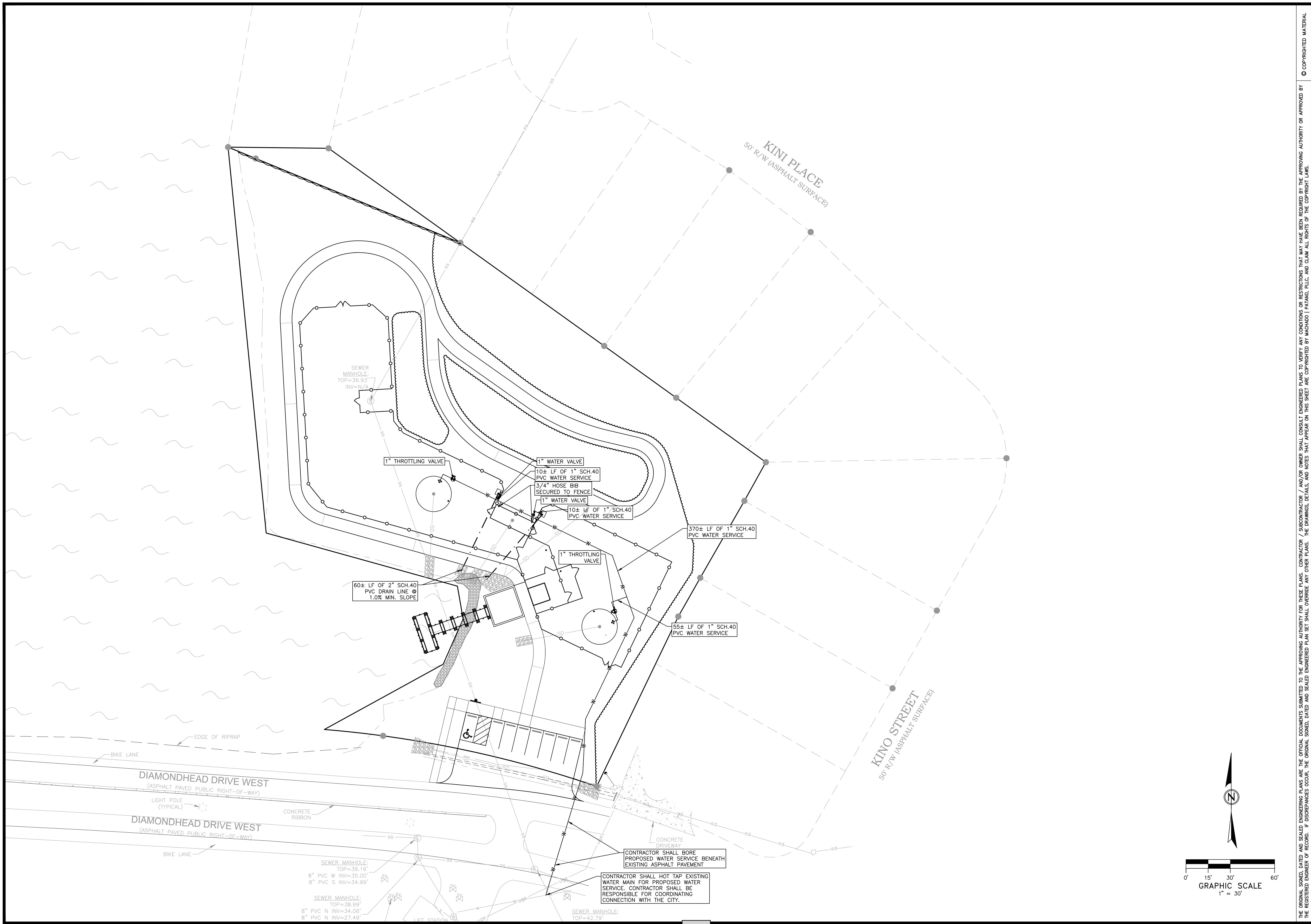
SITE UTILITY PLAN

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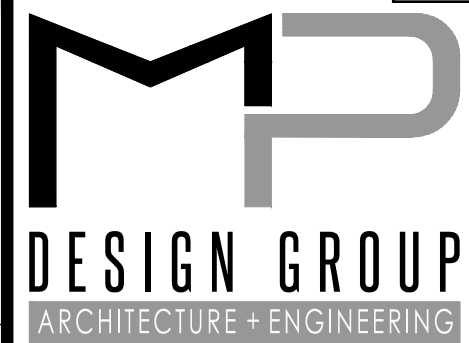
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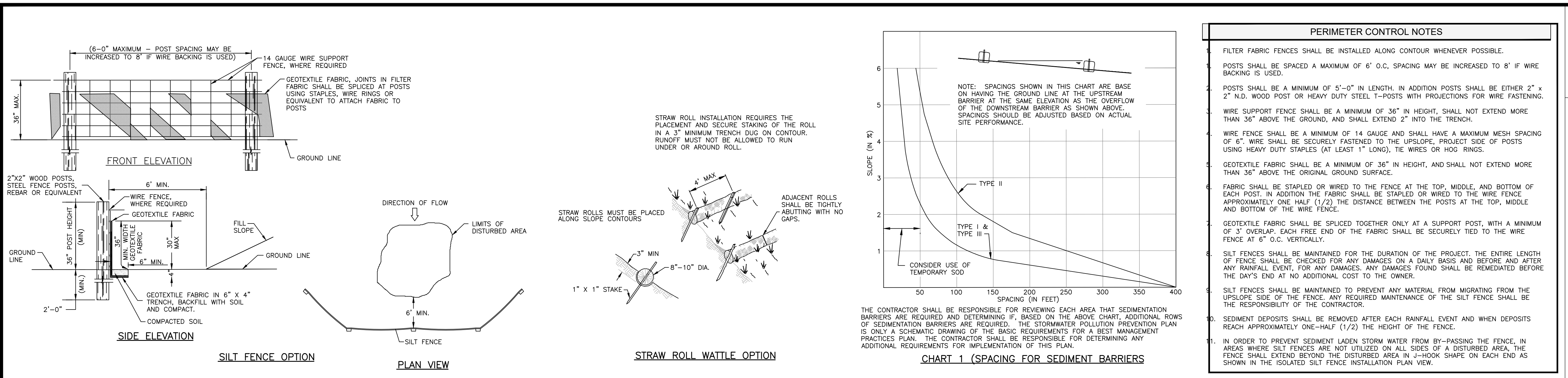
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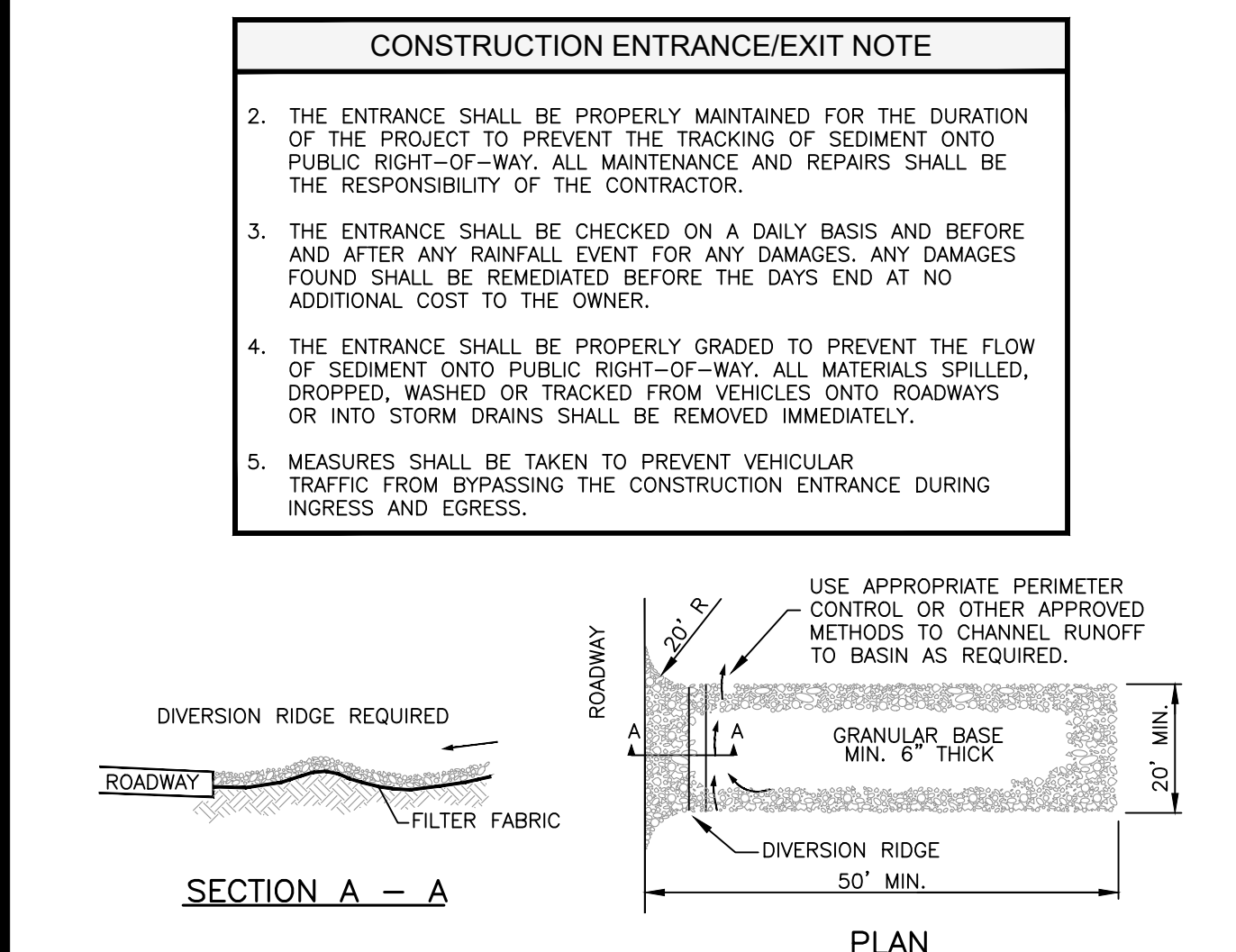
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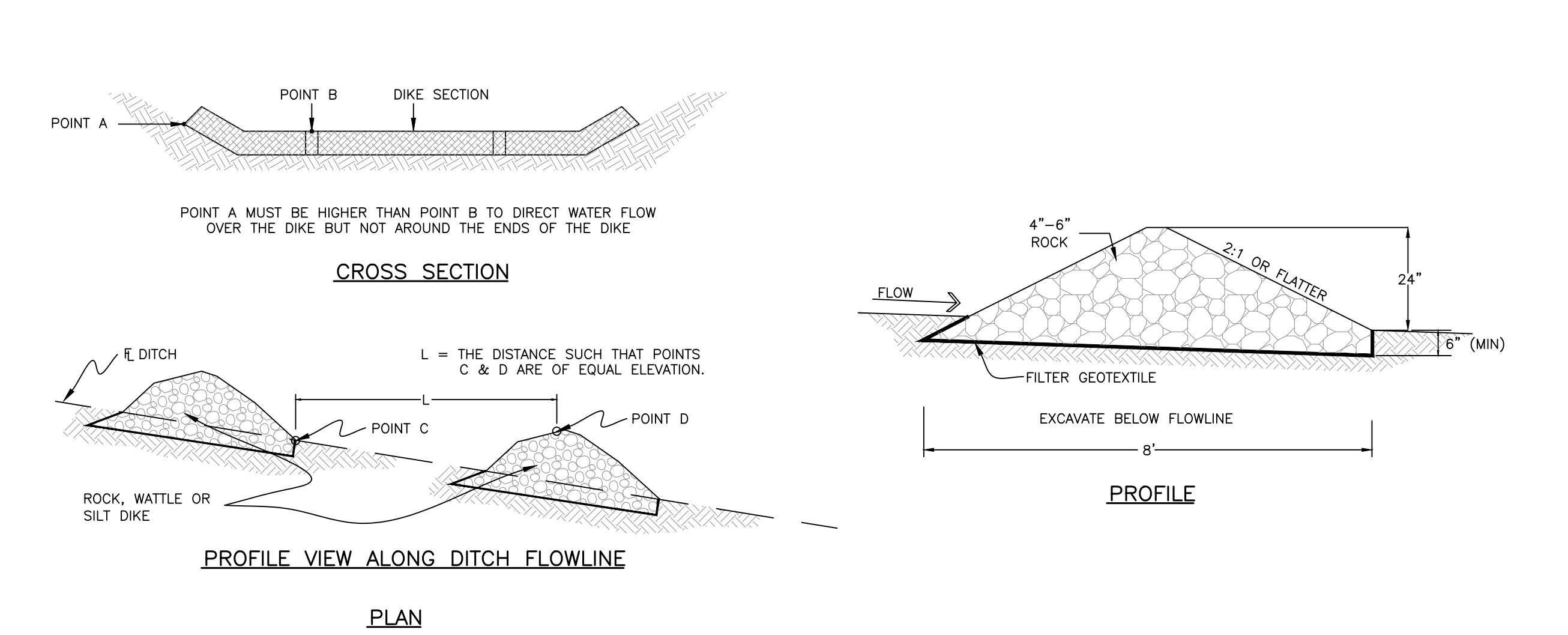
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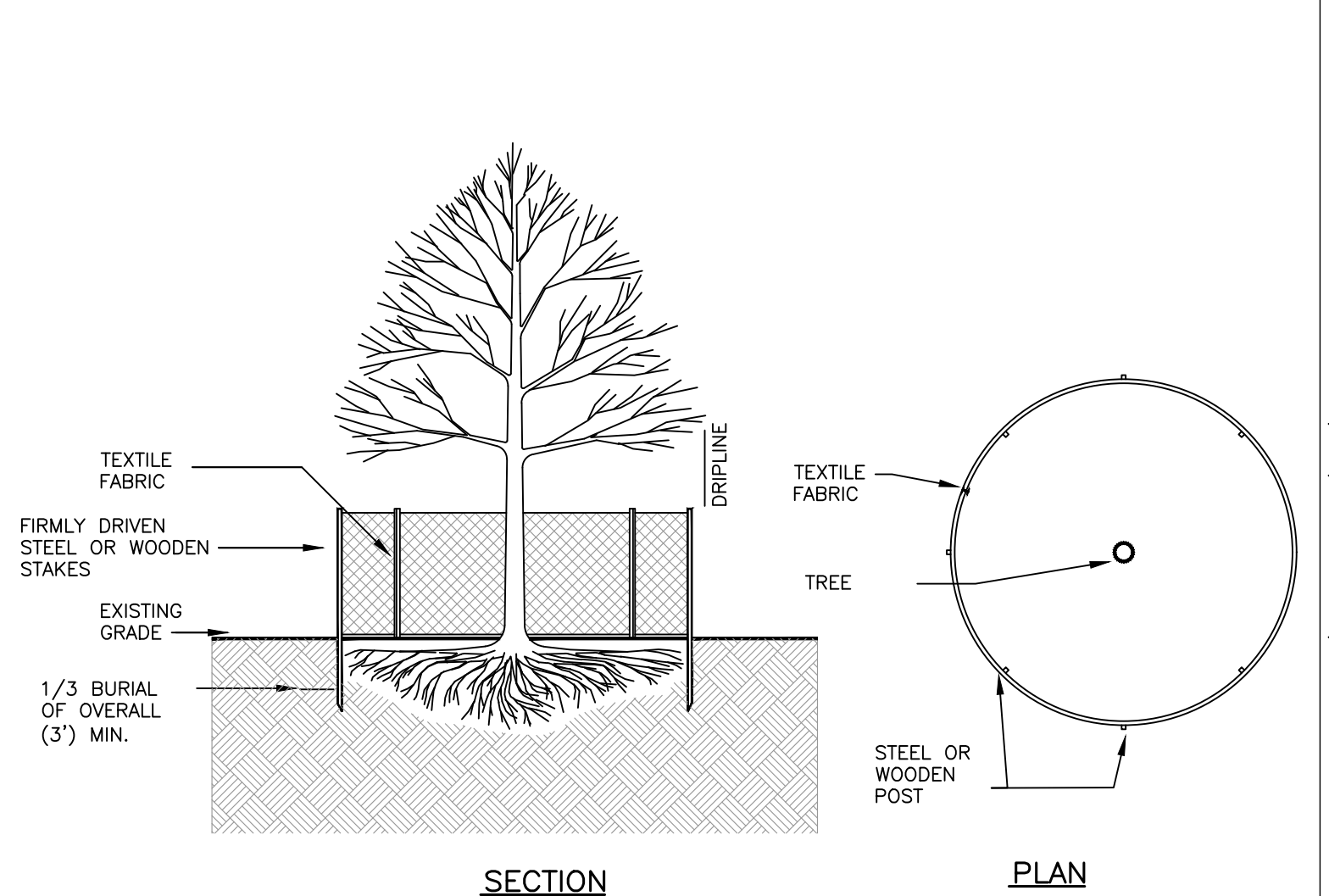
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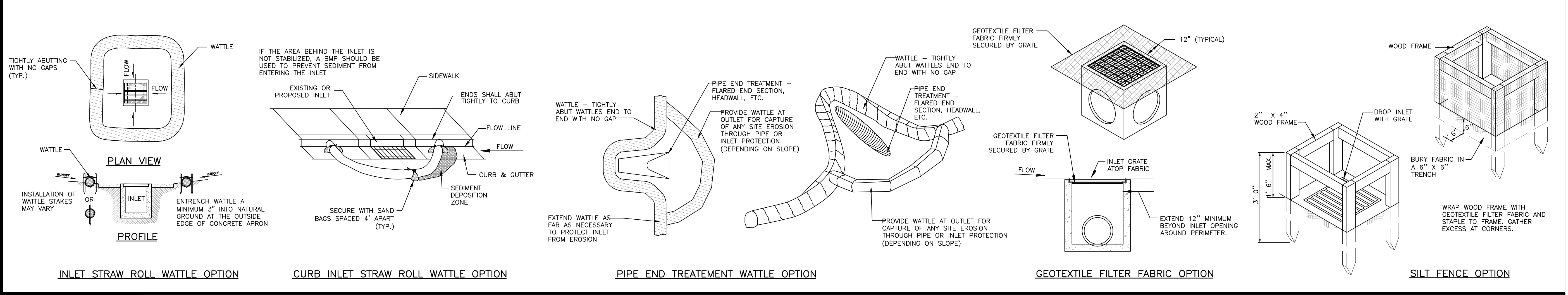
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3 CHECK DAM PLACEMENT DETAIL NOT TO SCALE

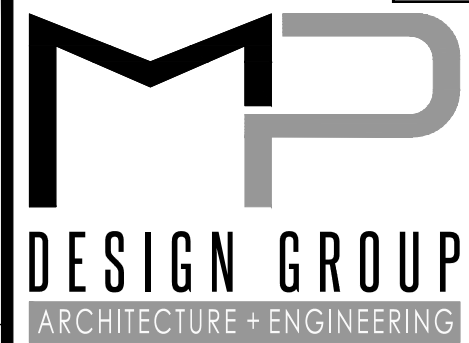


4 TREE PROTECTION PLACEMENT DETAIL NOT TO SCALE



5 TYPICAL INLET PROTECTION DETAILS NOT TO SCALE

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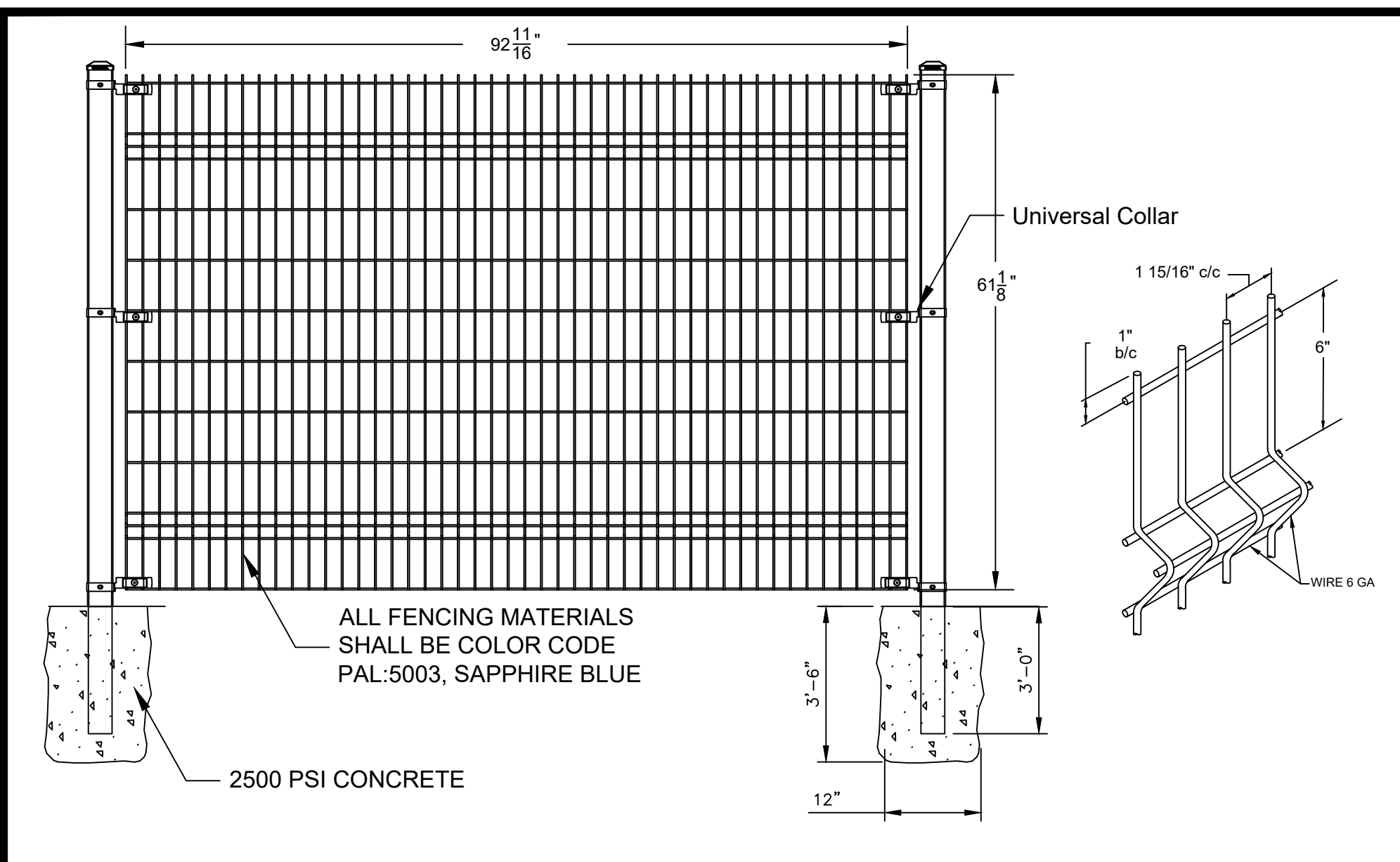
CITY OF DIAMONDHEAD
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DIAMONDHEAD DRIVE WEST
DIAMONDHEAD, MS 39525

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PROJECT NO: 0275.20.004
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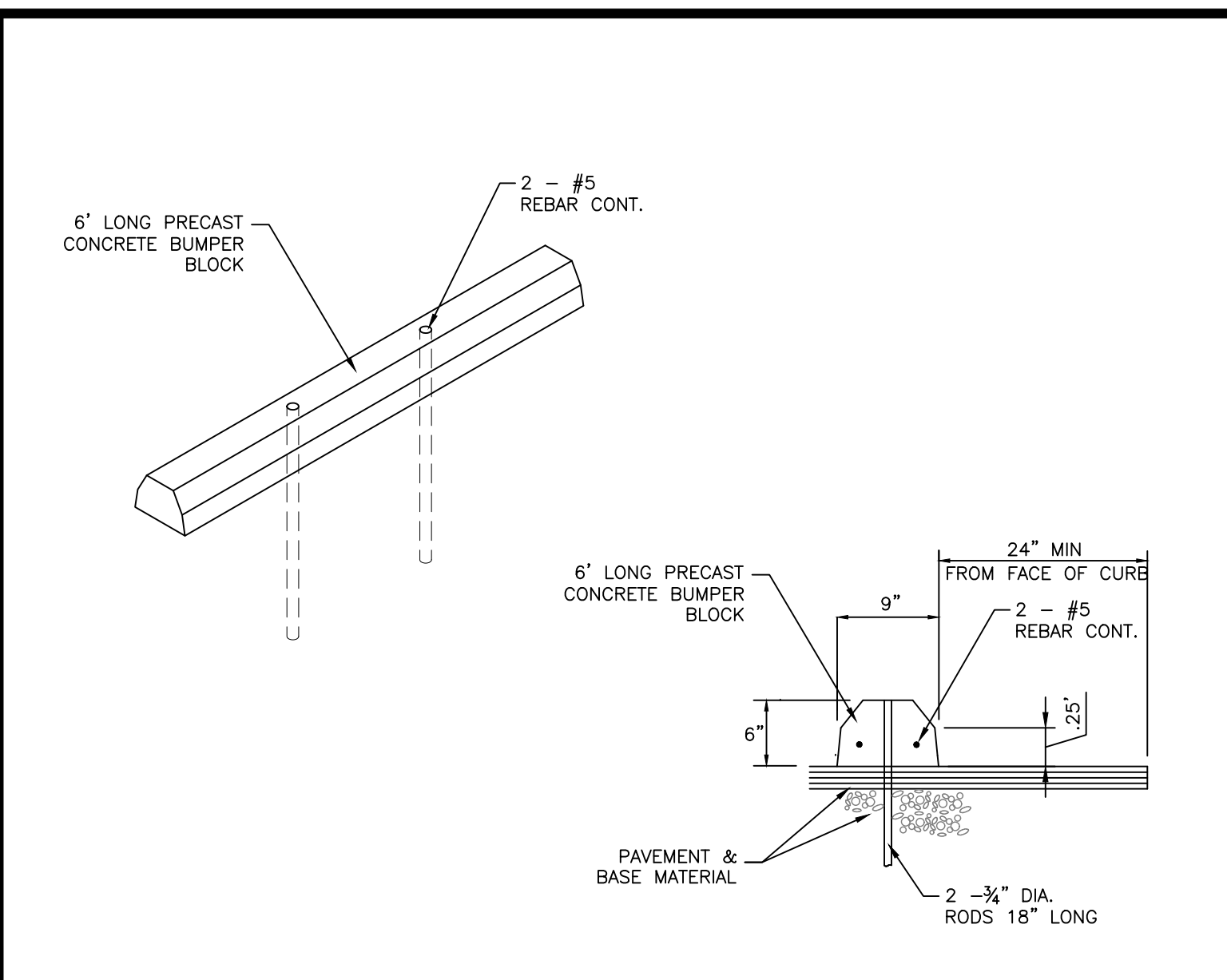
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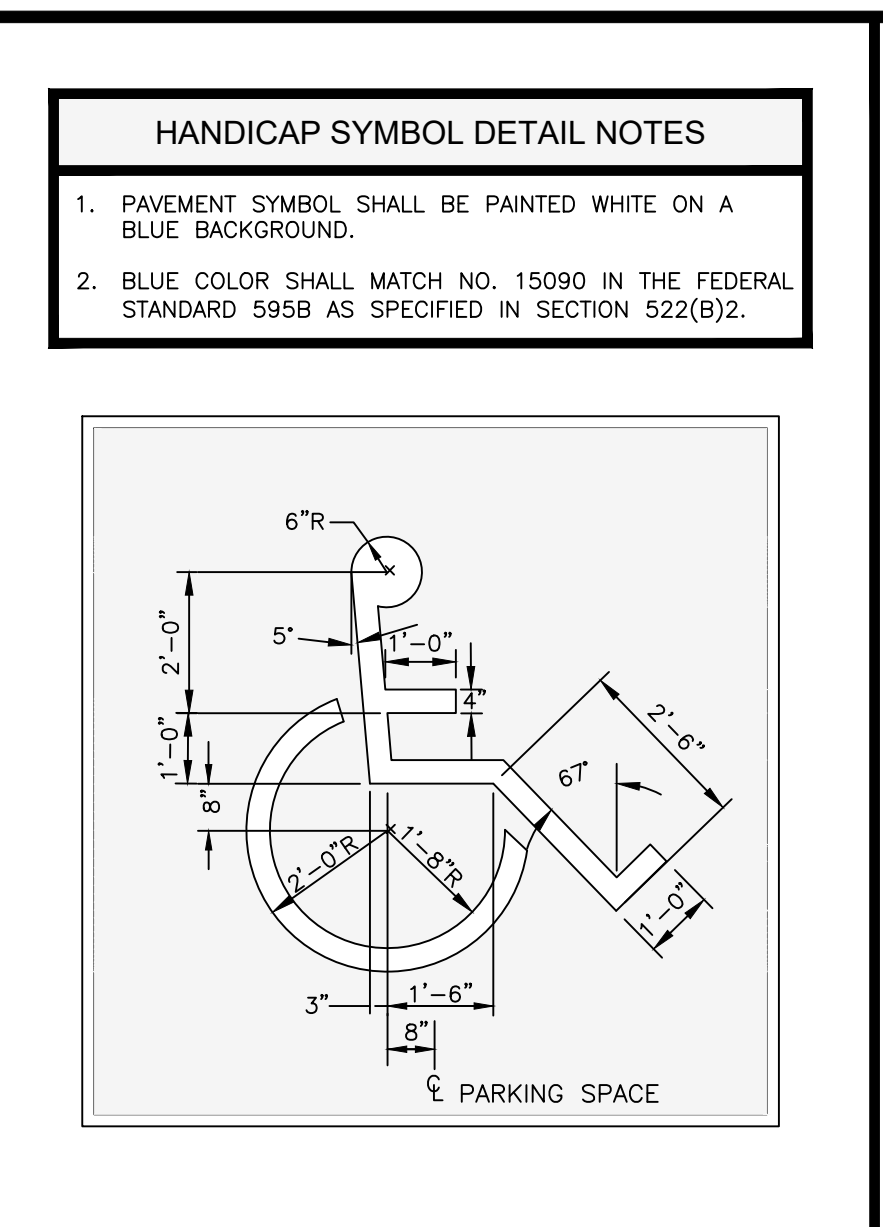
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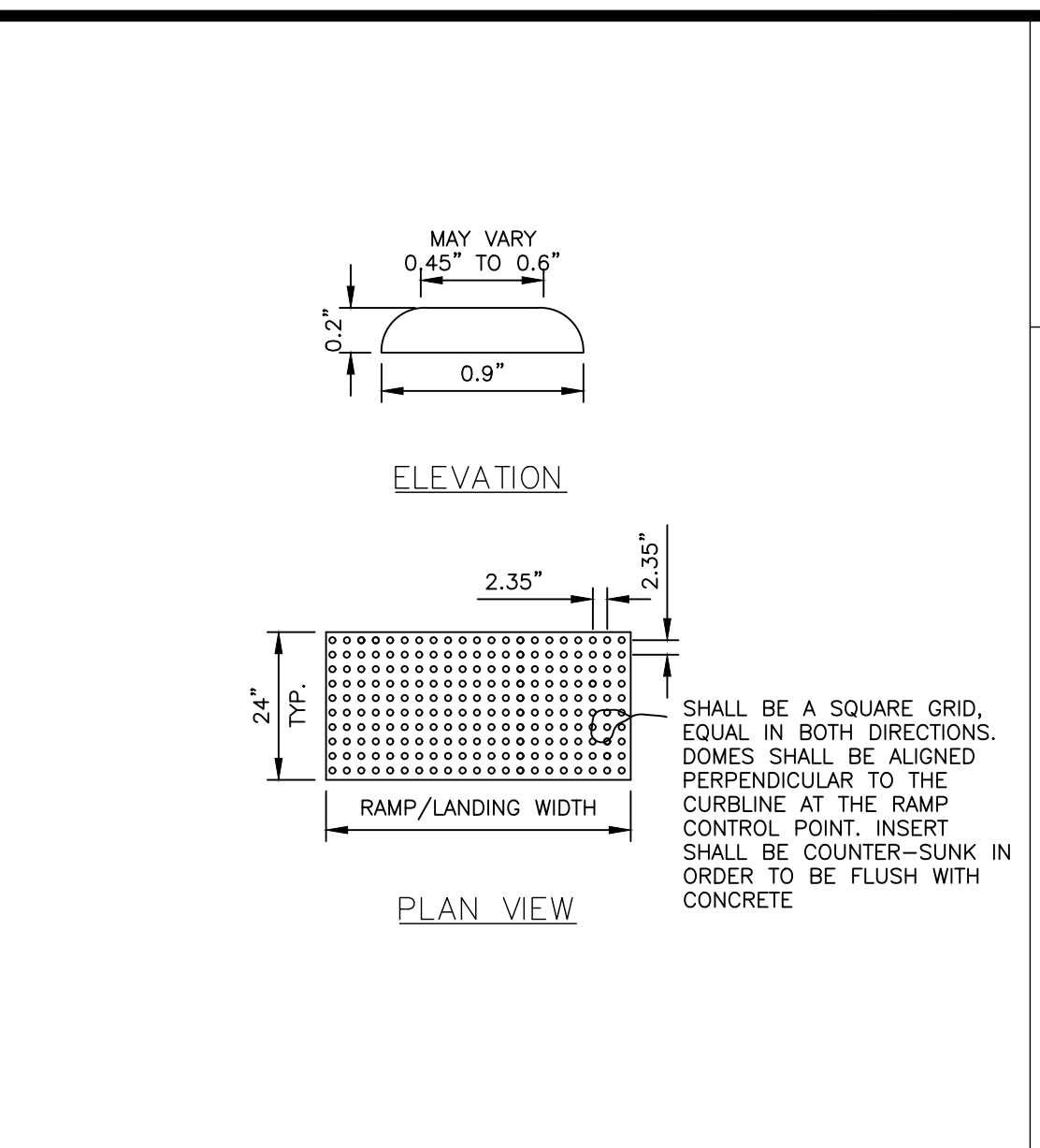
1 OMEGA II ARCHITECTURAL FENCE DETAIL NOT TO SCALE



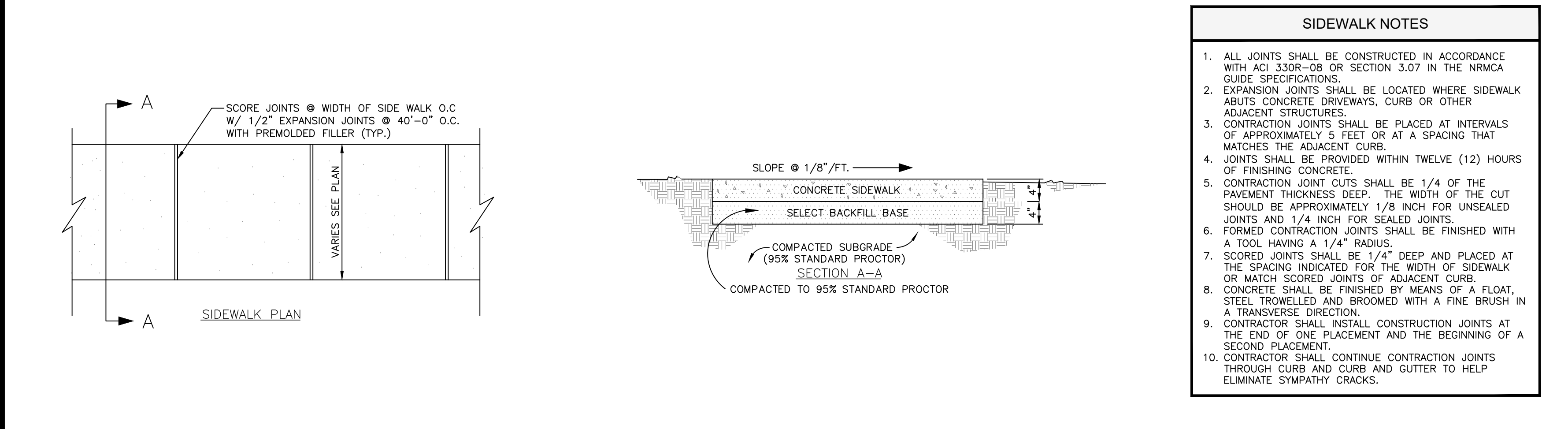
2 PRECAST CONCRETE WHEEL STOP DETAIL NOT TO SCALE



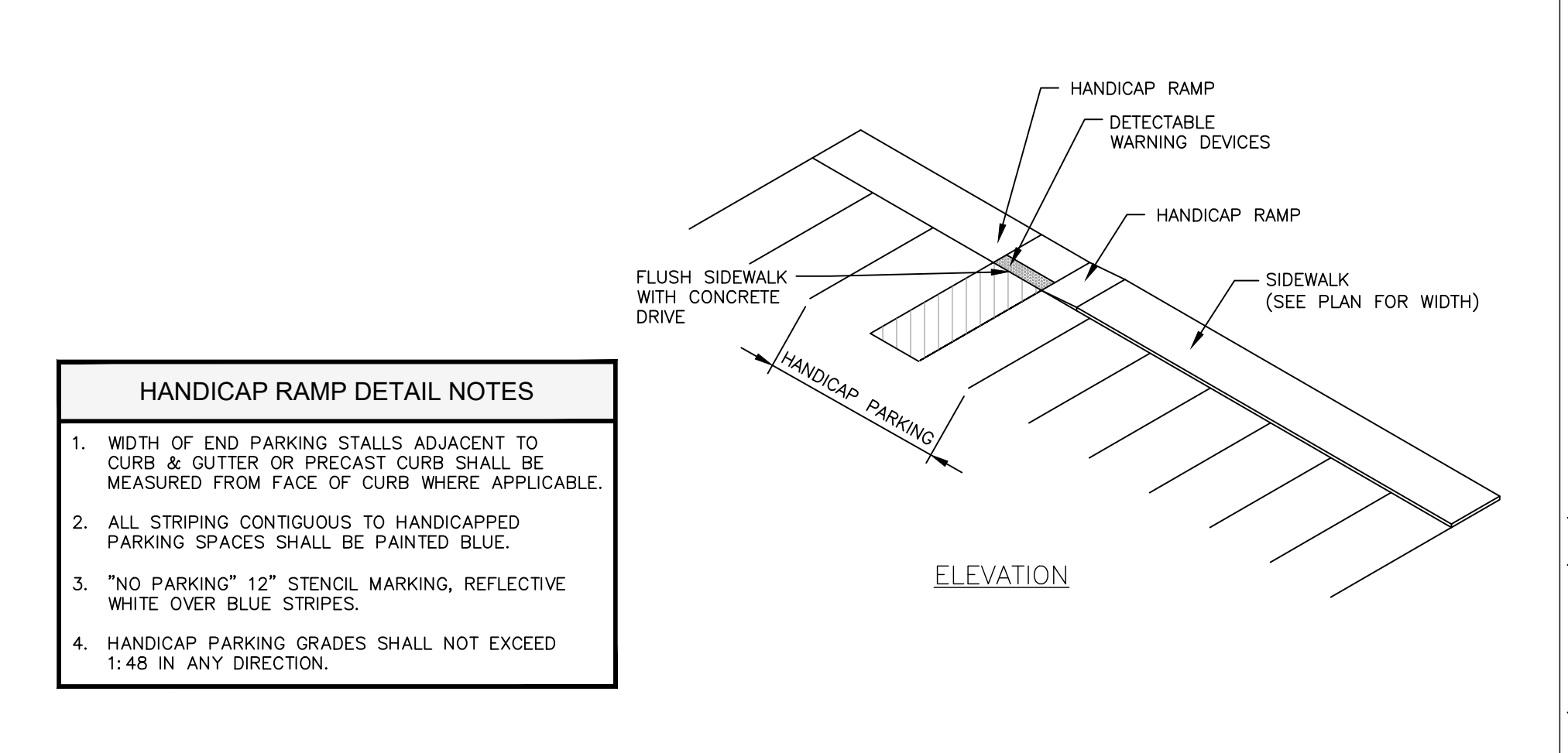
3 INTERNATIONAL HANDICAP SYMBOL DETAIL NOT TO SCALE



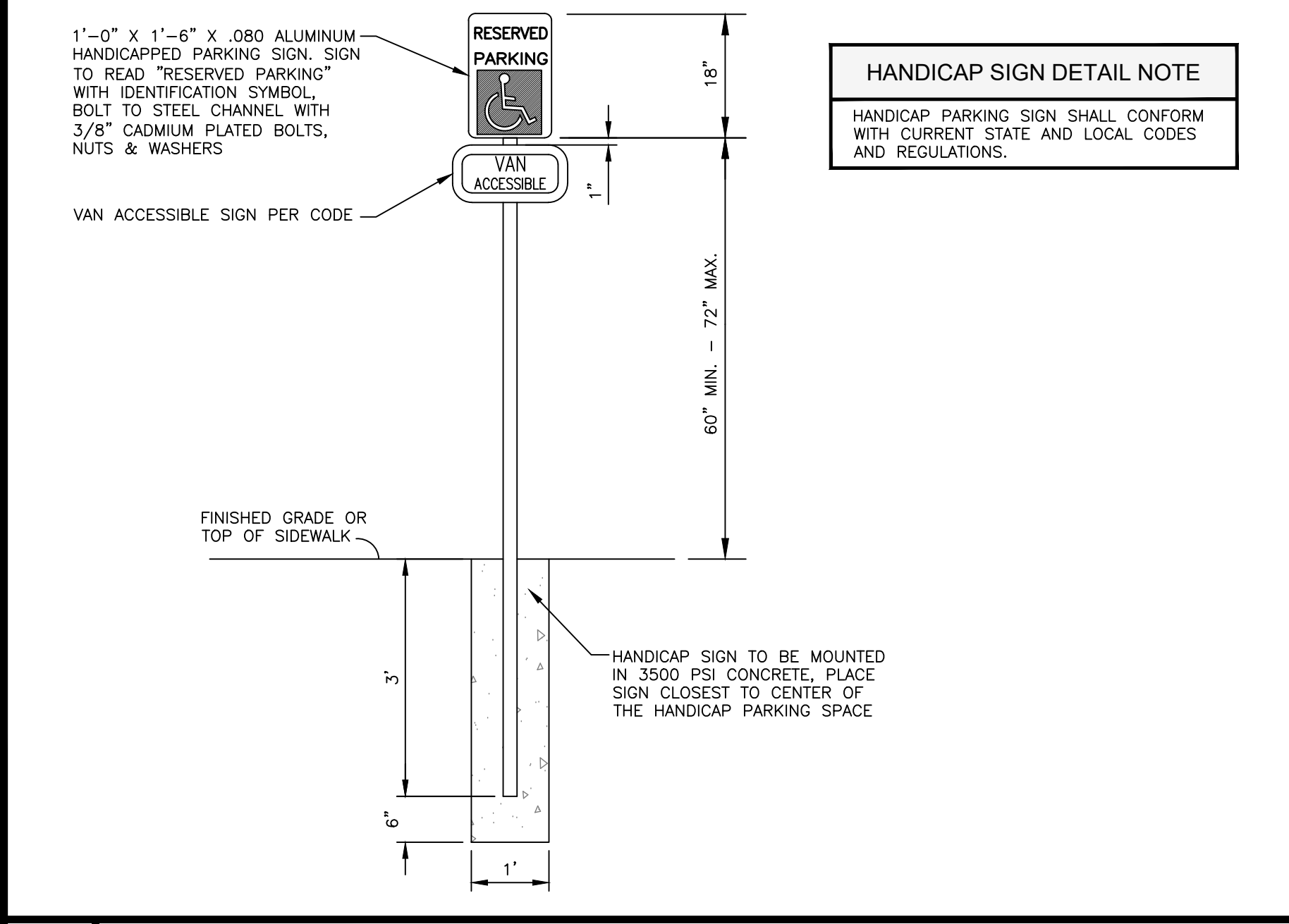
4 TRUNCATED DOME DETECTABLE WARNING DETAIL NOT TO SCALE



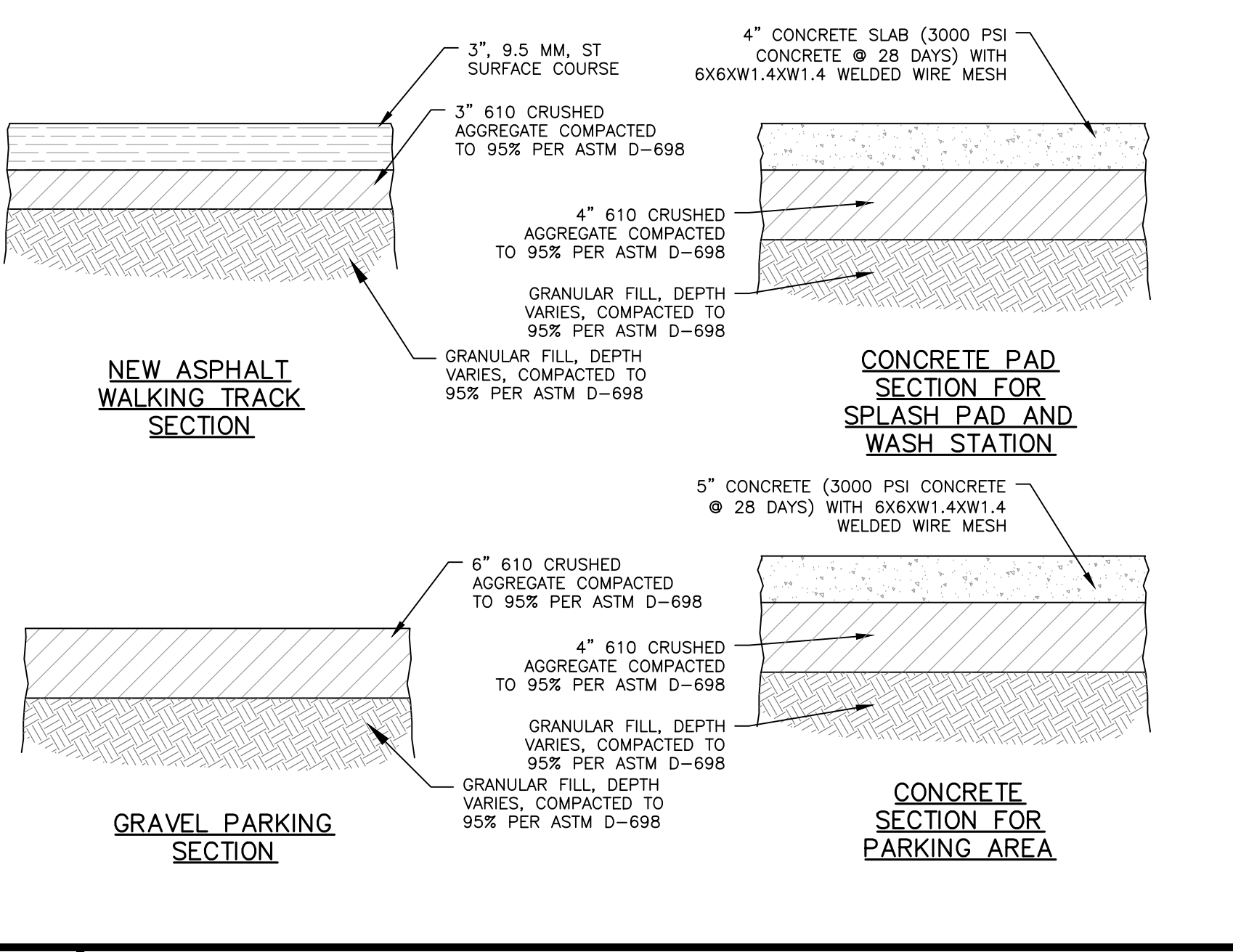
5 SIDEWALK DETAIL NOT TO SCALE



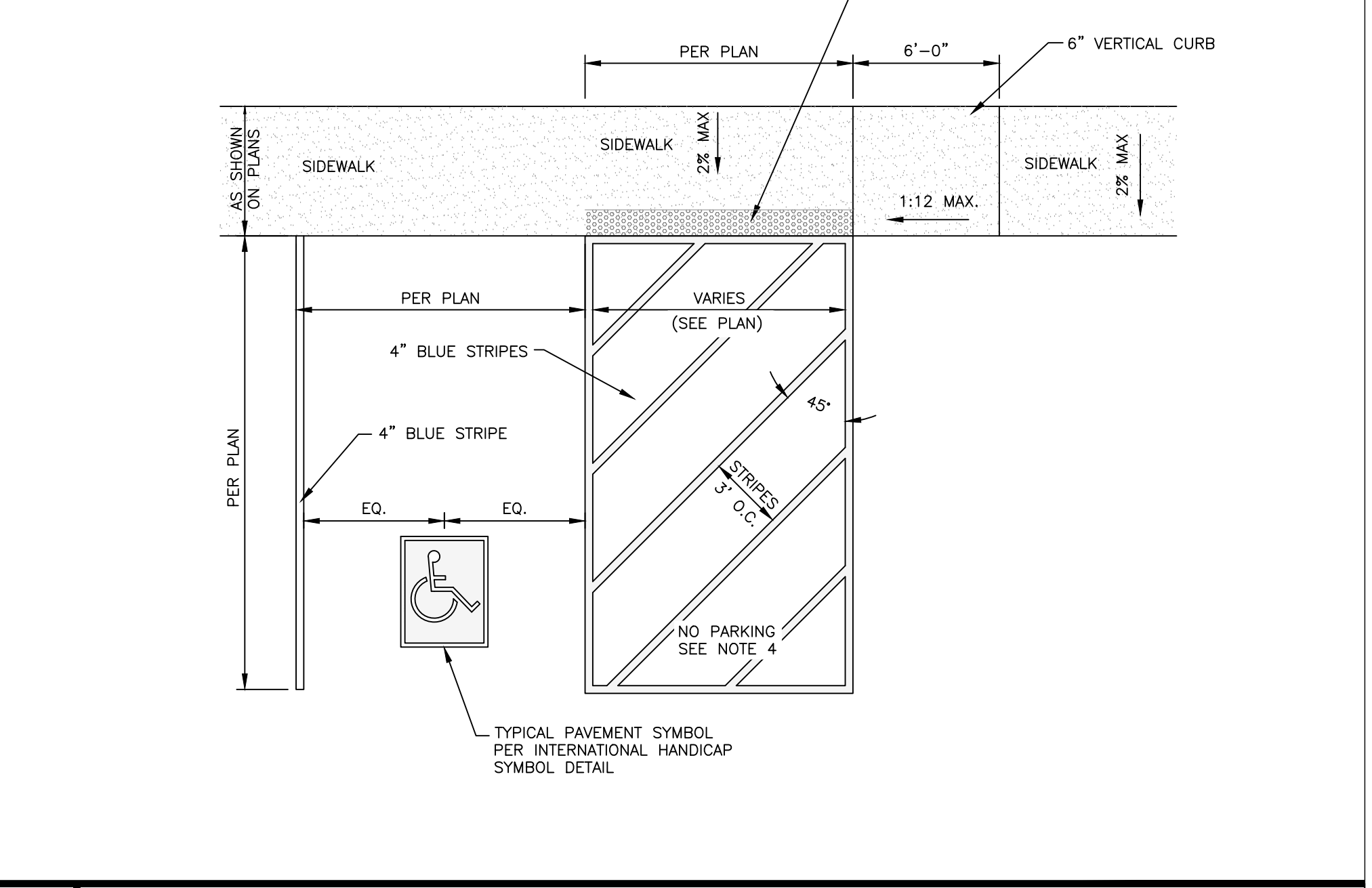
6 HANDICAP RAMP DETAIL NOT TO SCALE



7 HANDICAP SIGN DETAIL NOT TO SCALE



8 TYPICAL SECTIONS NOT TO SCALE

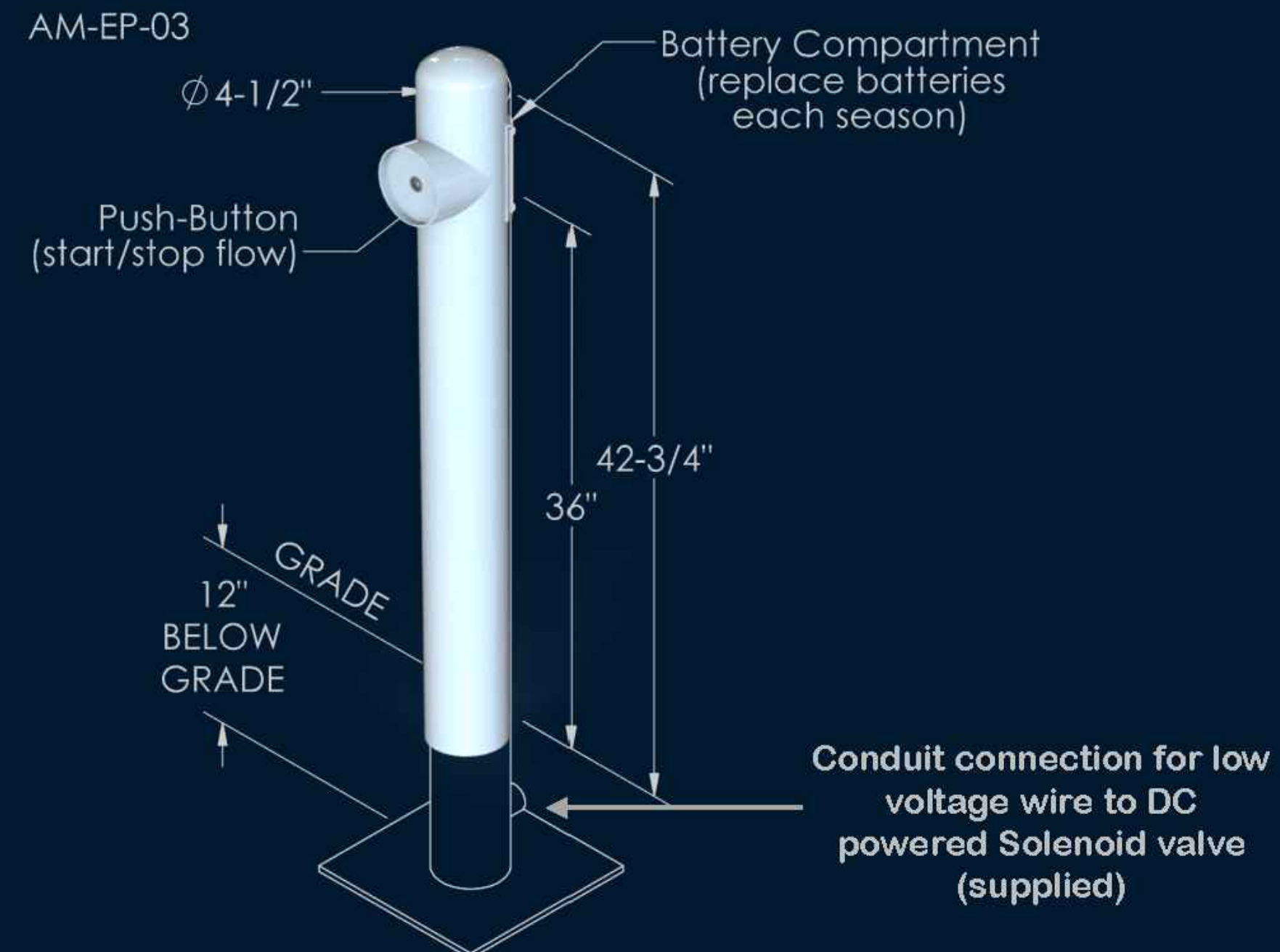


9 HANDICAP RAMP DETAIL NOT TO SCALE

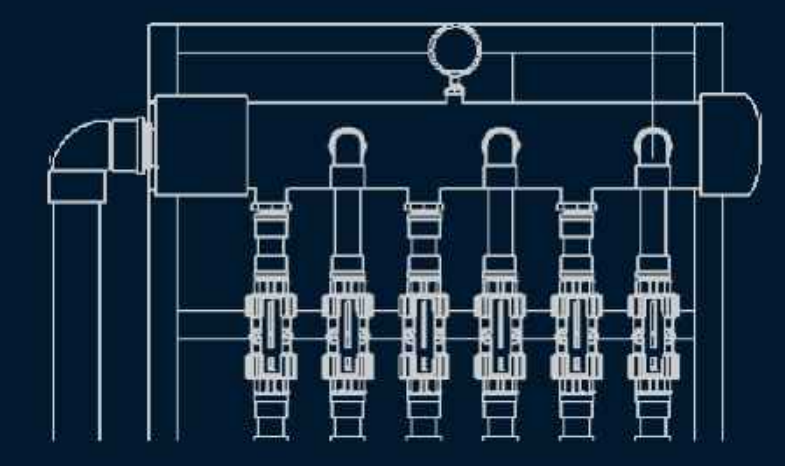
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H2O Fido™ EcoPlay Splash Pad Activator - Timer

We created our Eco-Play for small splash pads on a budget. This battery powered bollard requires no electricity and will start your splash water with the touch of a button. Water automatically stops after the amount of time you have selected from 1 – 10 minutes. Eco-Play simply starts and stops the water supply. This system does not sequence sprays. Balancing valves to adjust individual spray volume are supplied by your installer or can be ordered from H2O Fido. Battery cycle is rated for 5000+ activations.



- ✓ No Electrician required
- ✓ Easy to Install
- ✓ Push Button to Start Splash Pad
- ✓ Adjustable auto turn off 1 – 10 minutes



Optional balancing manifold for manually adjusting sprays feature available

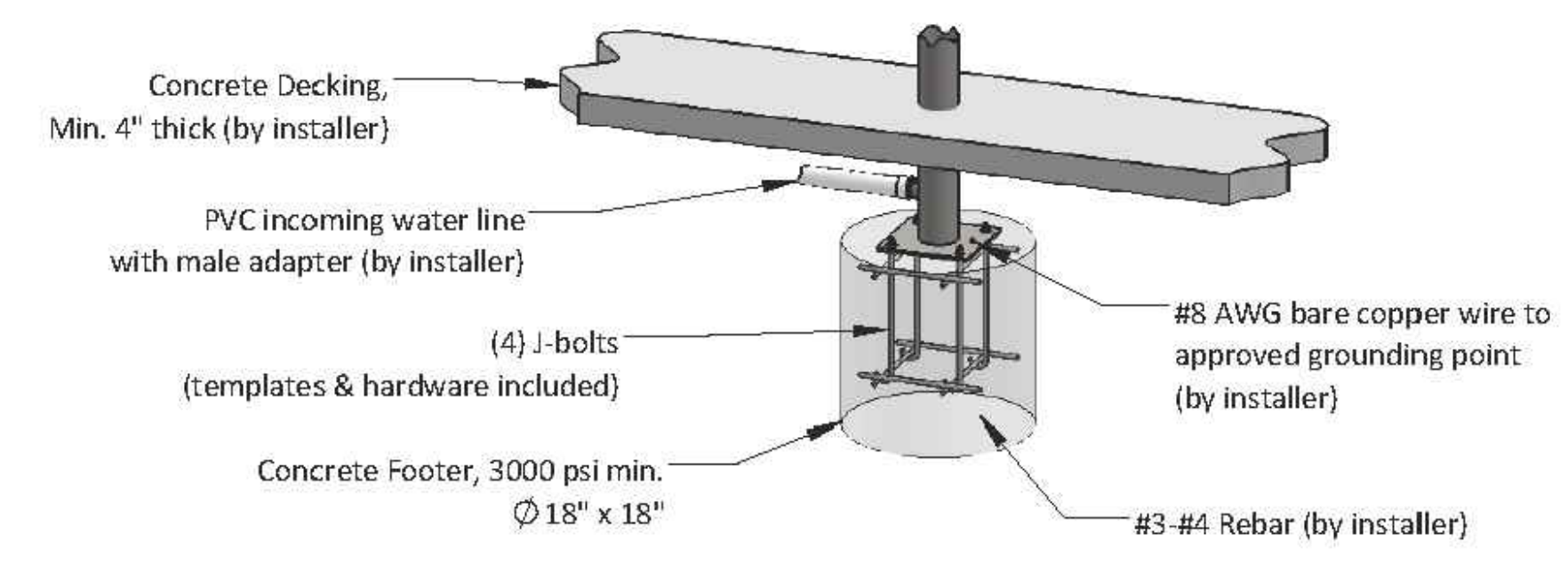
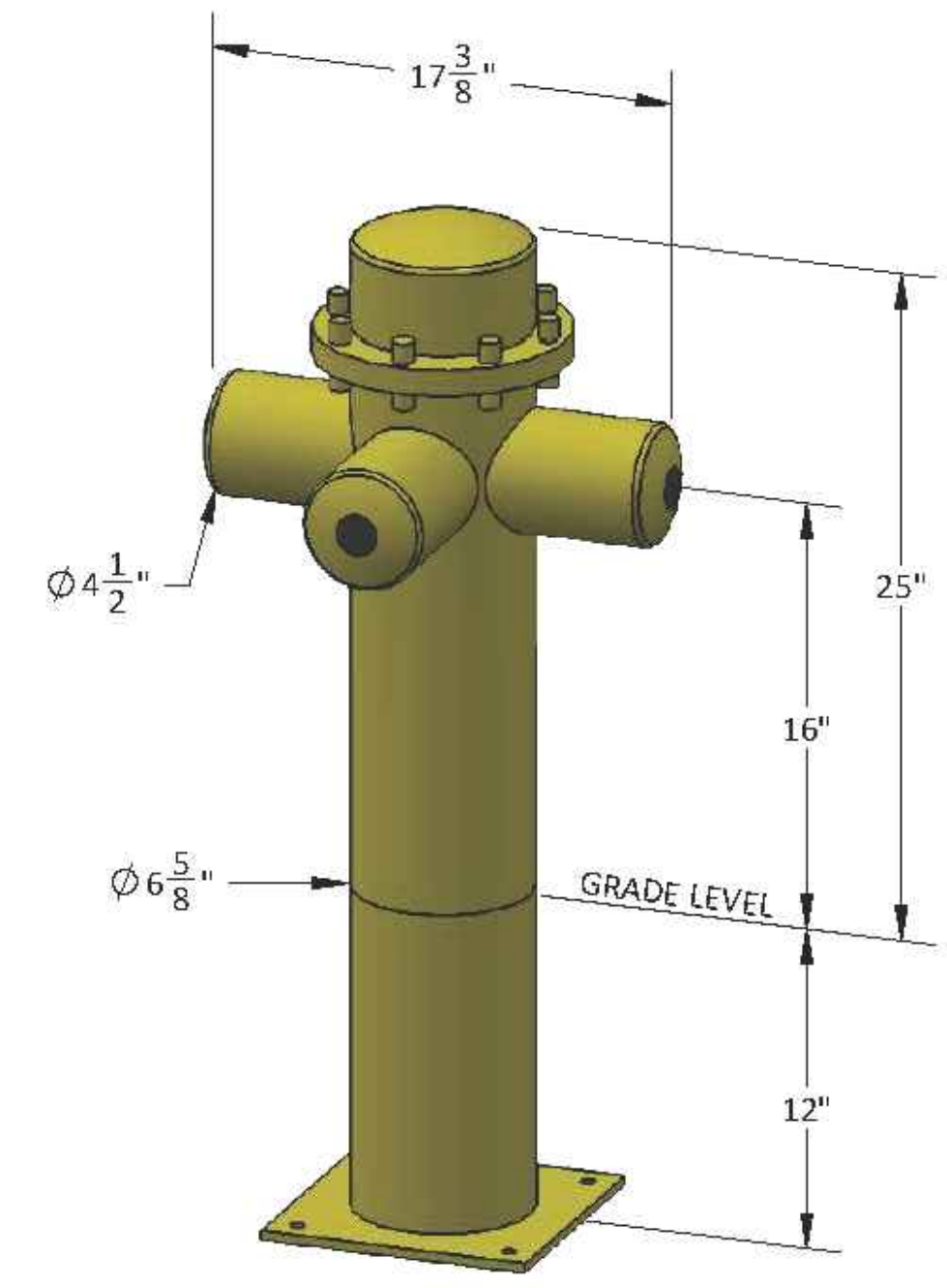


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2002 Commerce Drive North
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FSF-FH-25 Mist Hydrant

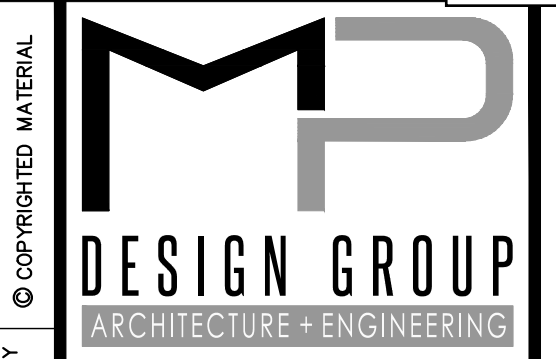
FIDO-friendly FEATURE



Model	Weight (lbs)	Materials	Nozzles	Finish	Flow	Below Grade Connections
FSF-FH-01	60	Baseplate: 3/8" A304 SS Body: A304 SS Single Body Welded	(3) Brass (standard unless spec'd otherwise)	Dupont Industrial Power Coating (color per choice)	1.5-6 gpm	Plumbing - 3/4" F-NPT Grounding - 1/4-20 S.S. stud



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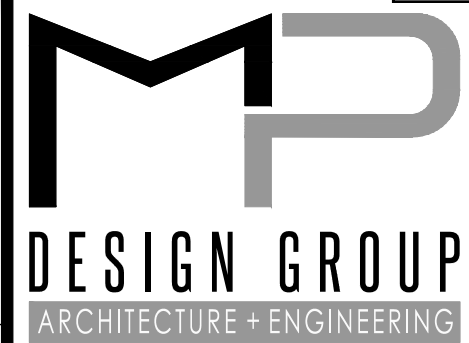
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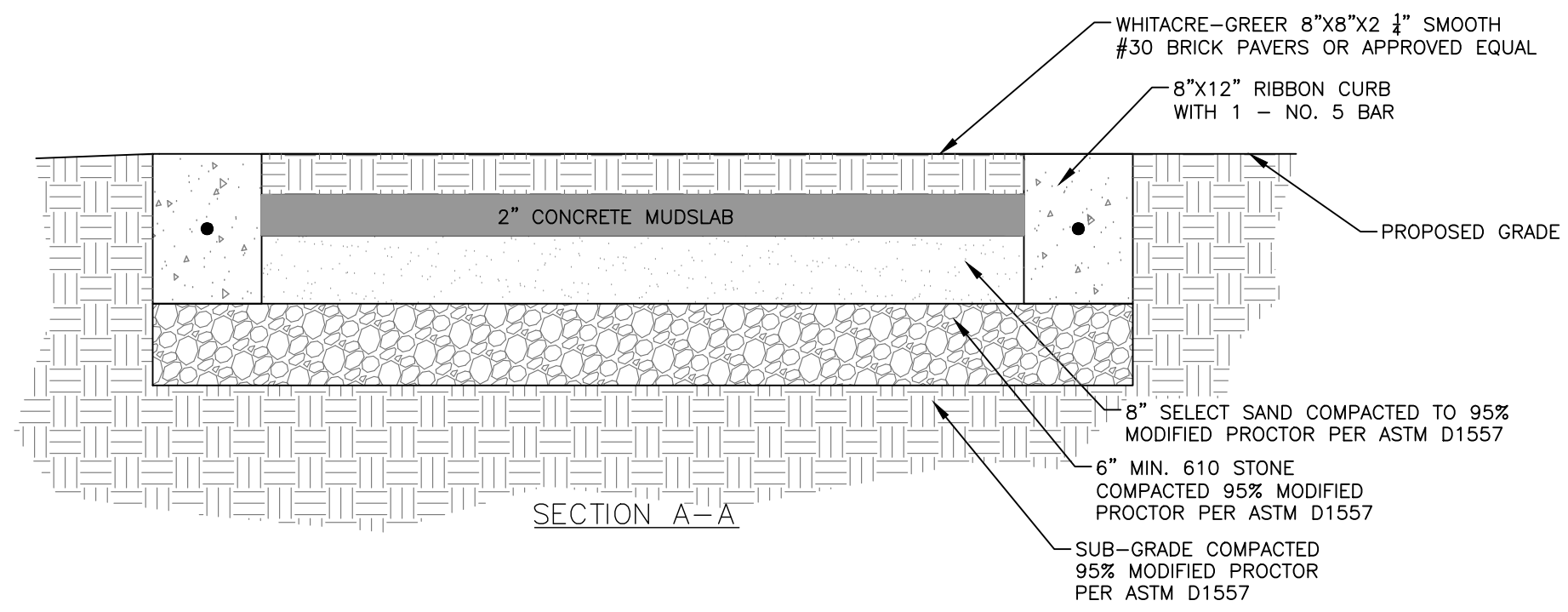
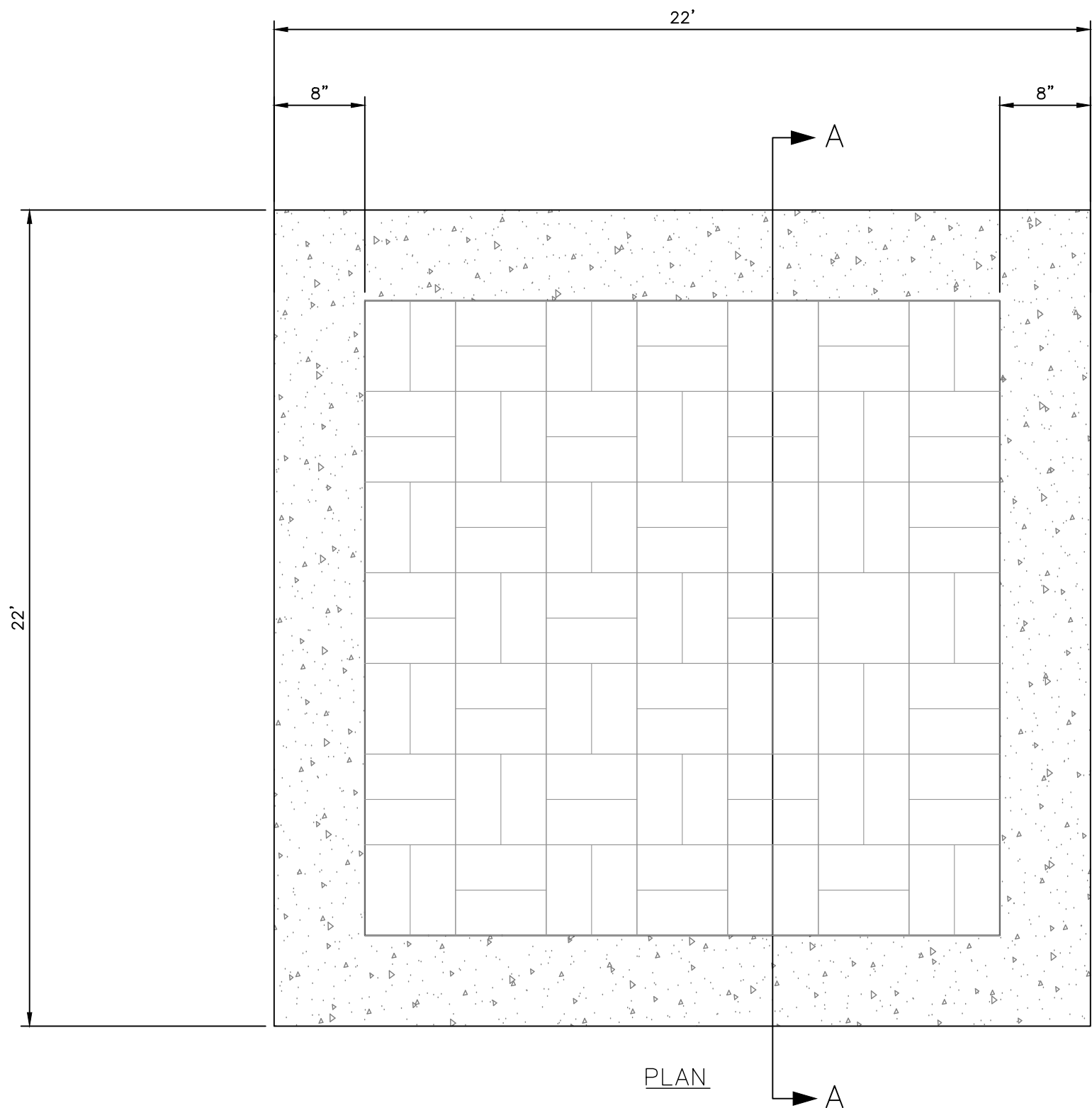
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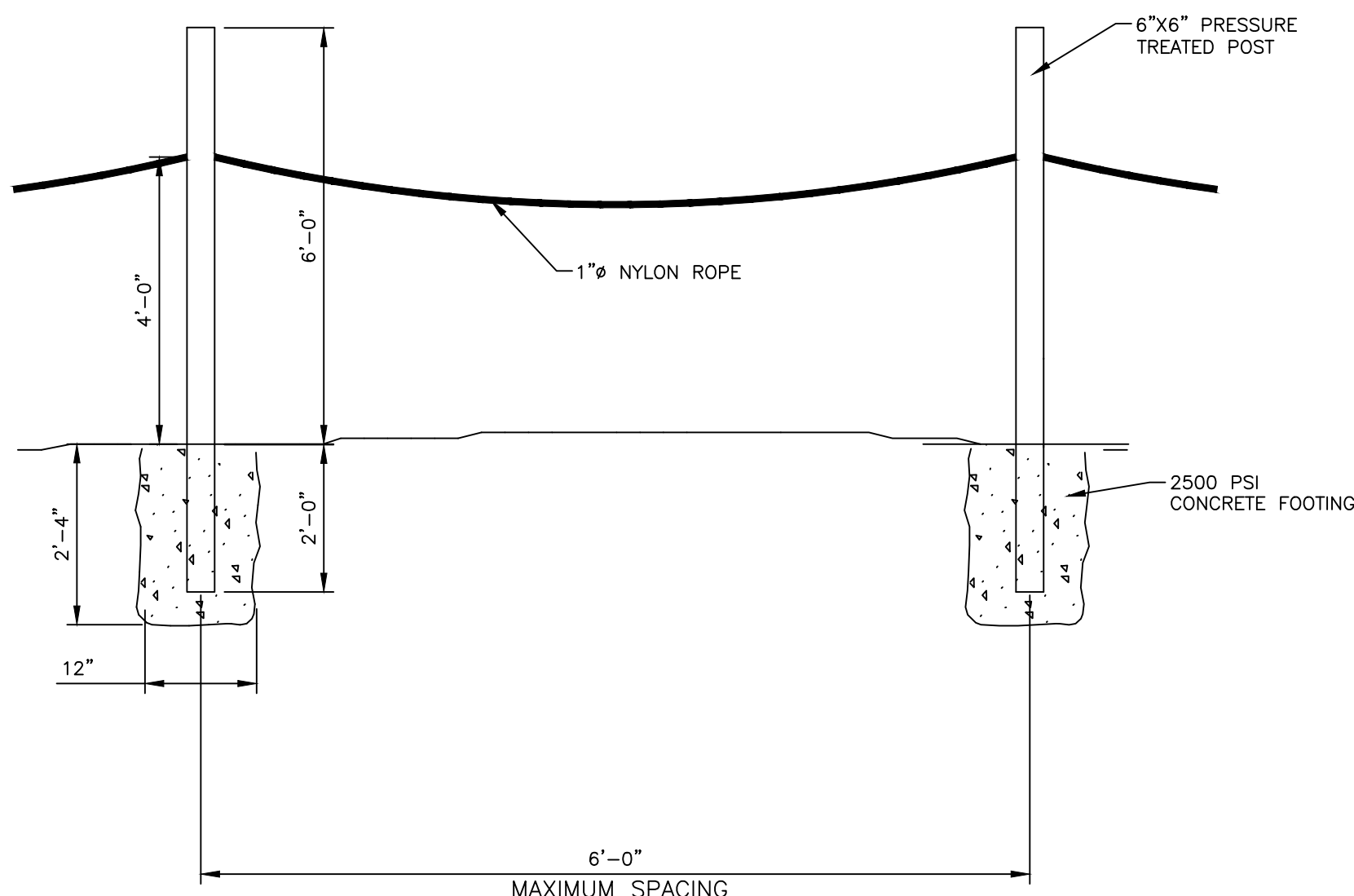
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1 BRICK PAVER AREA DETAILS

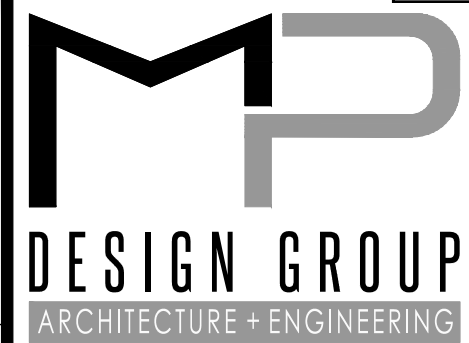
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2 WOODEN POST BARRIER DETAIL

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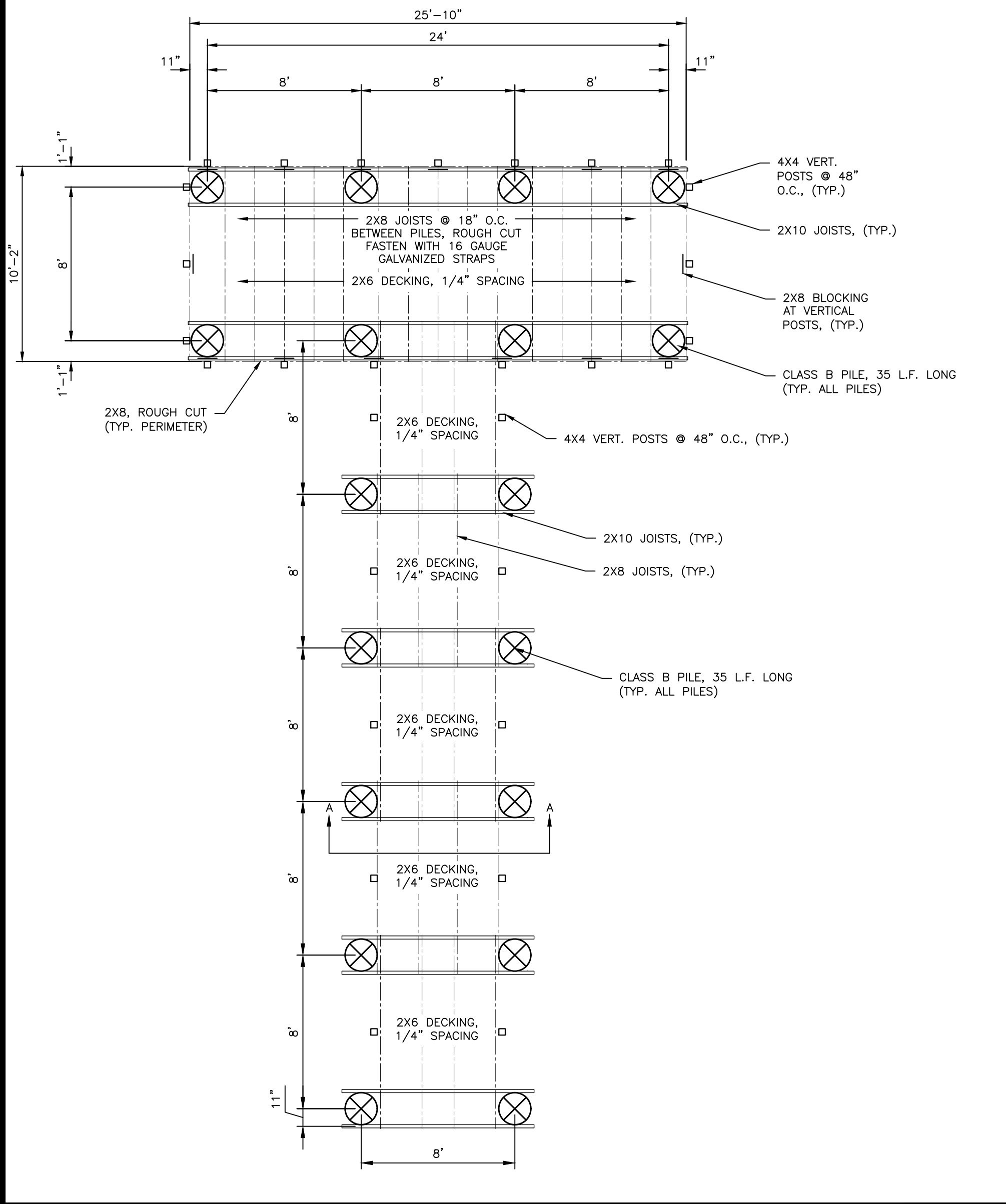
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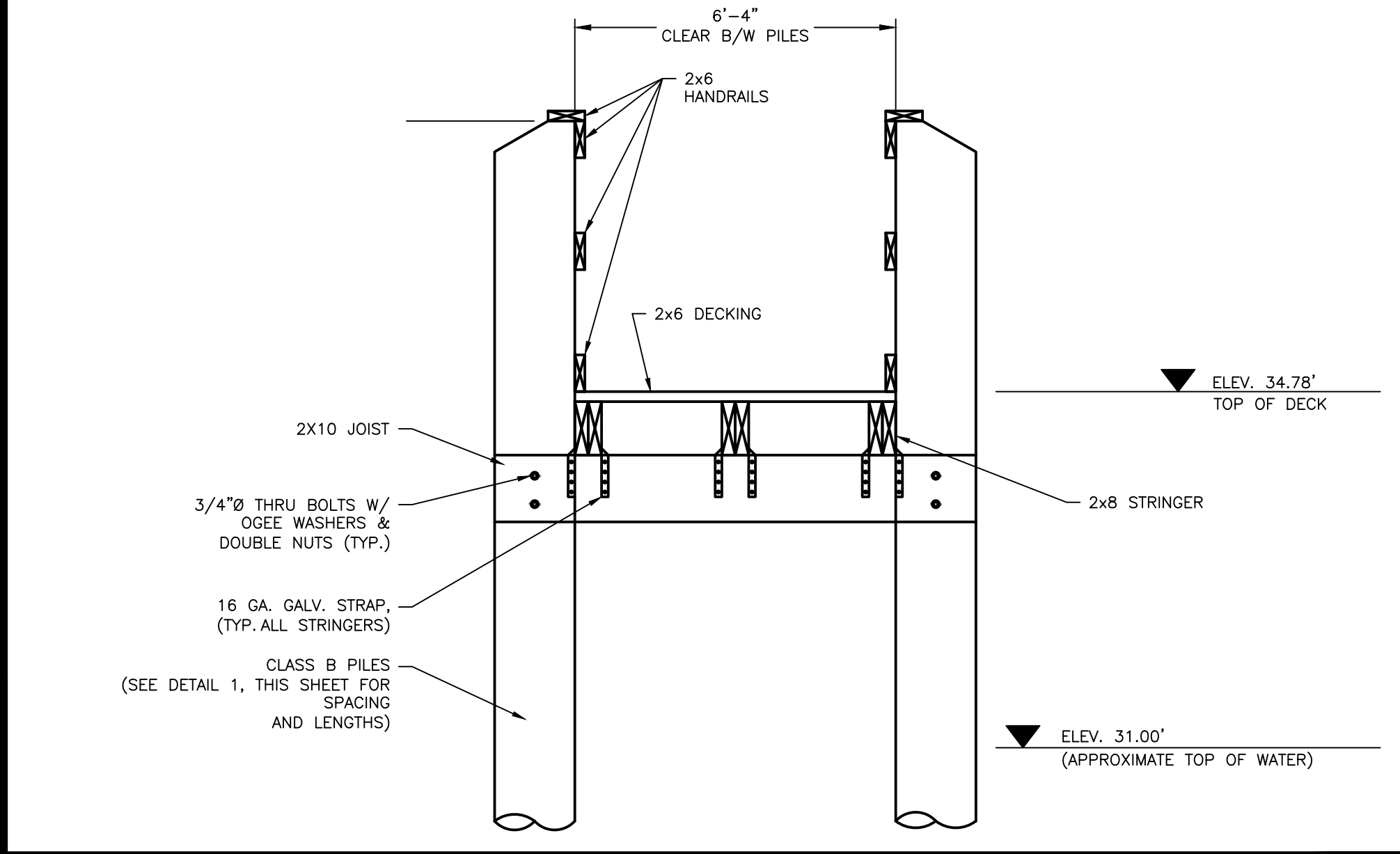
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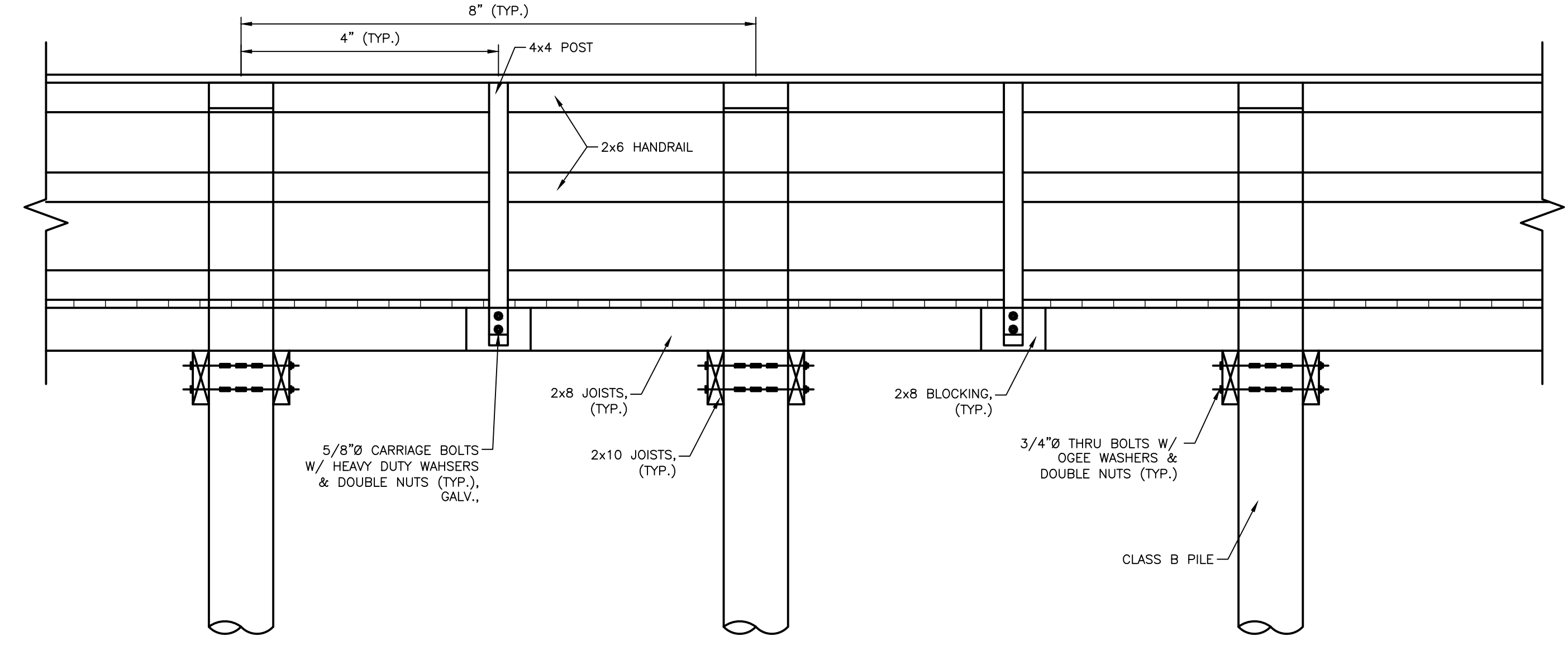
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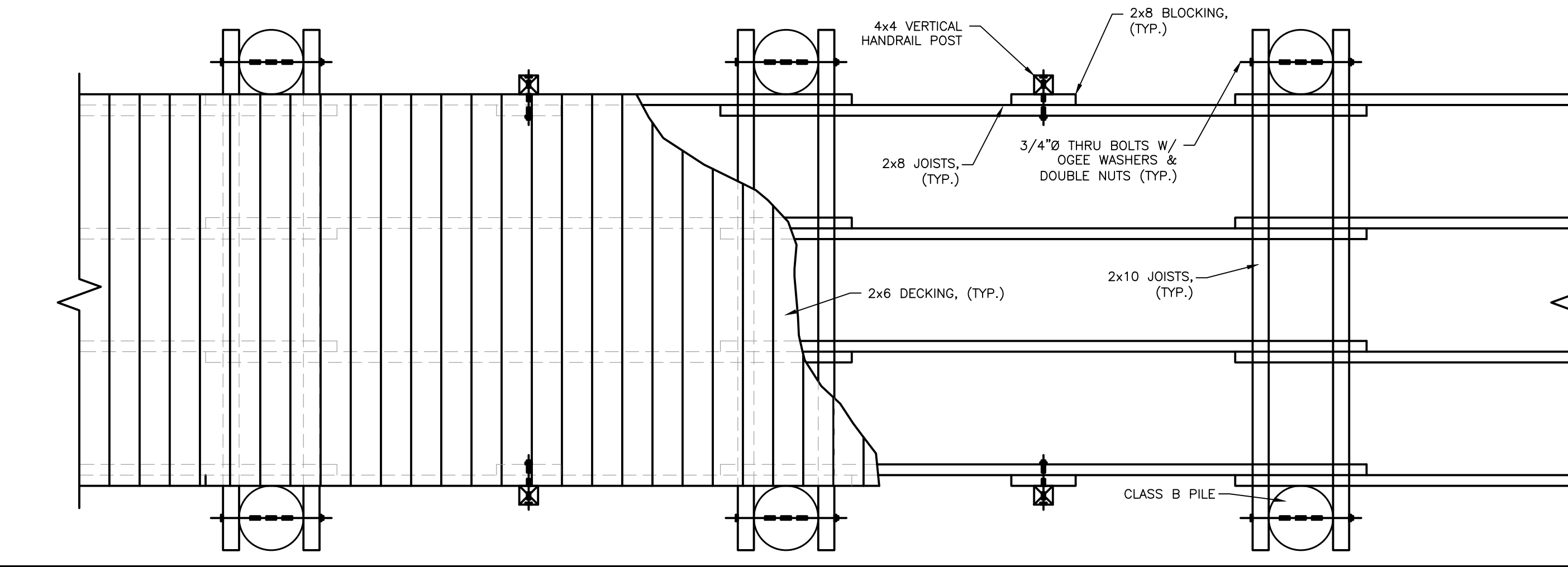
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4 PIER SECTION A-A DETAIL NOT TO SCALE

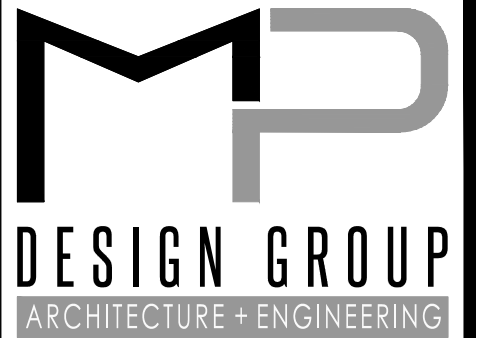


2 PIER LAYOUT DETAIL NOT TO SCALE



3 PIER LAYOUT DETAIL NOT TO SCALE

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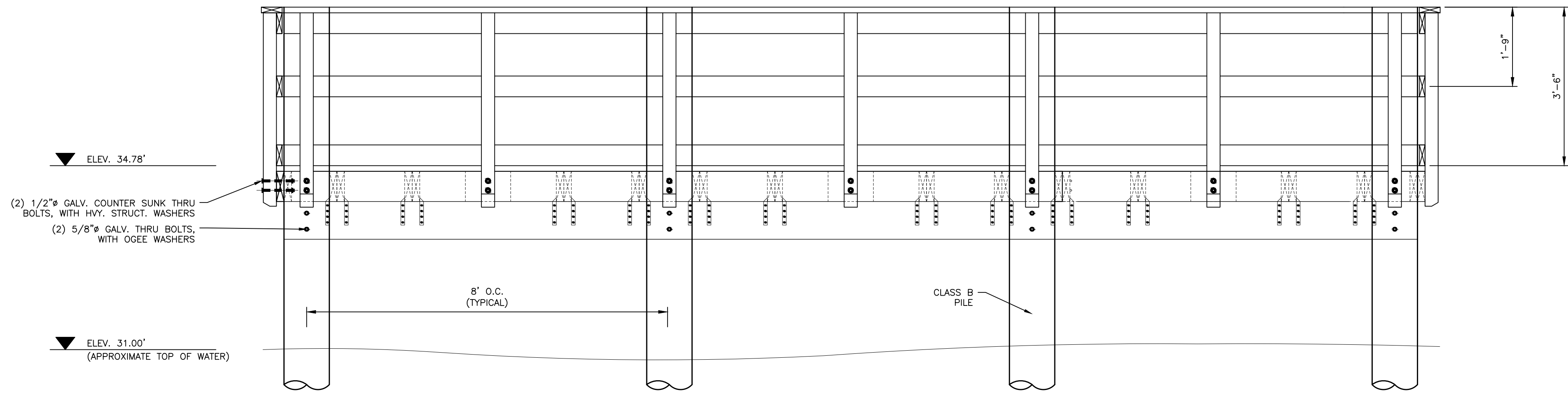
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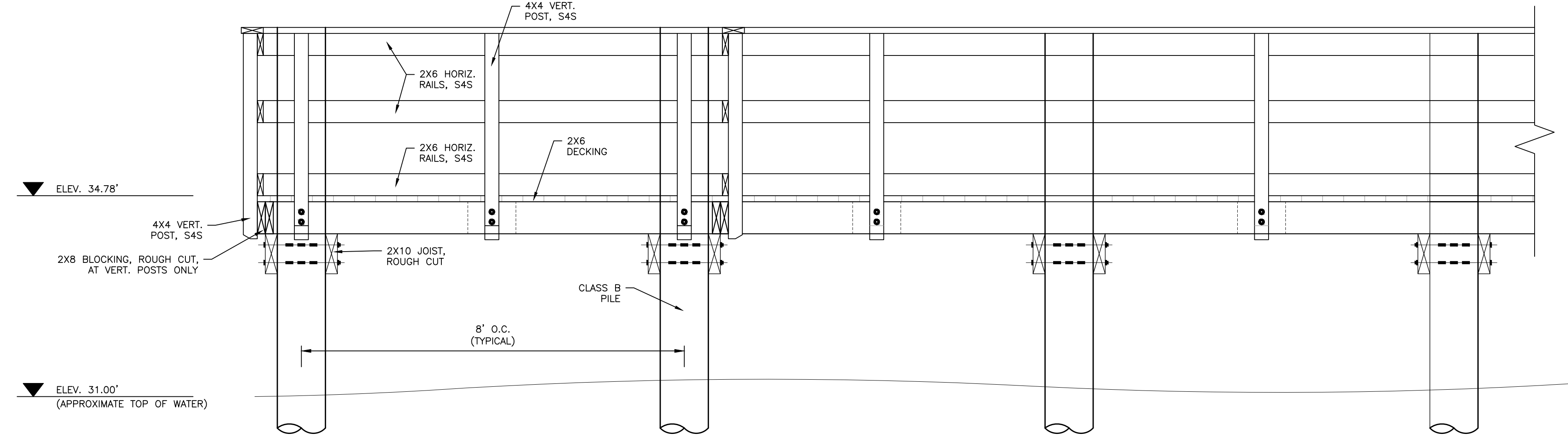
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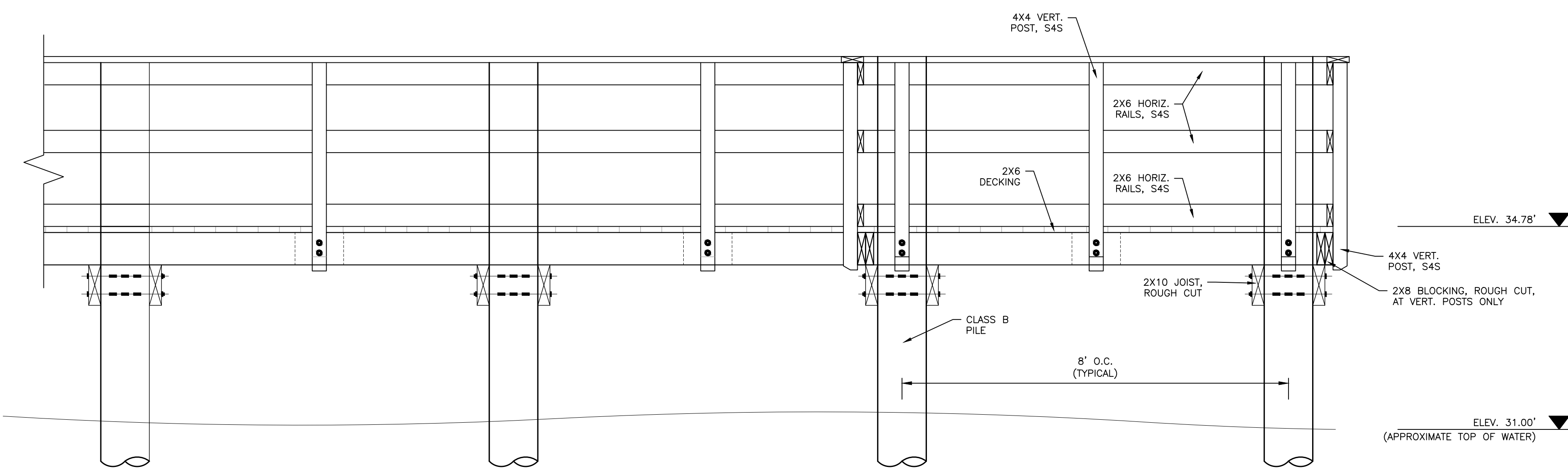
1 PIER WEST ELEVATION

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2 PIER SOUTH ELEVATION

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3 PIER NORTH ELEVATION

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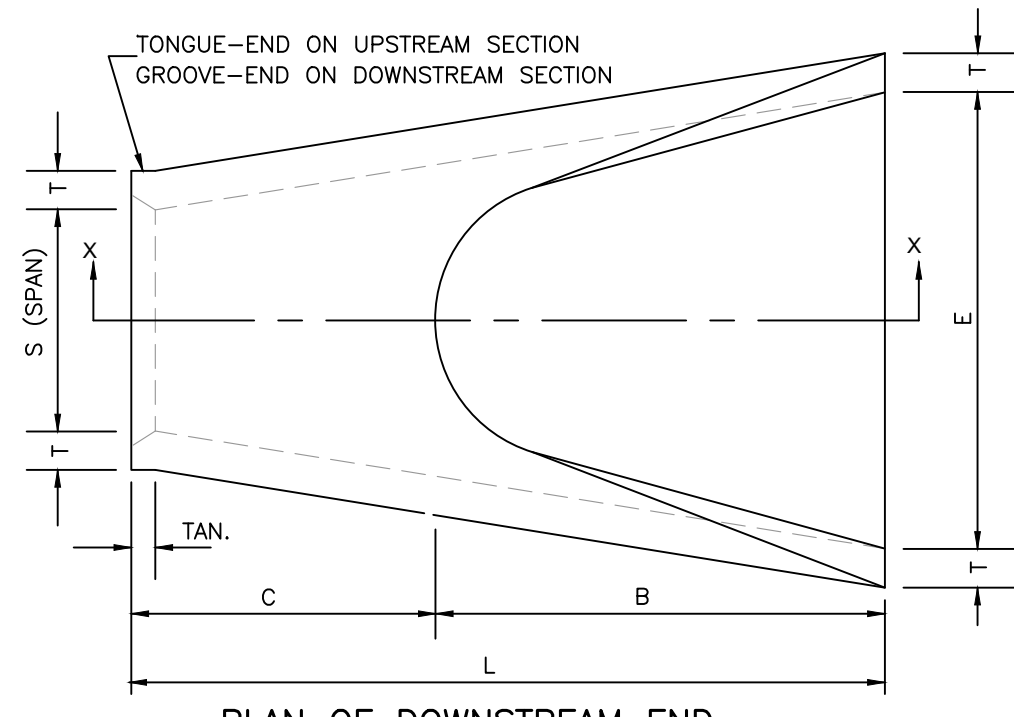
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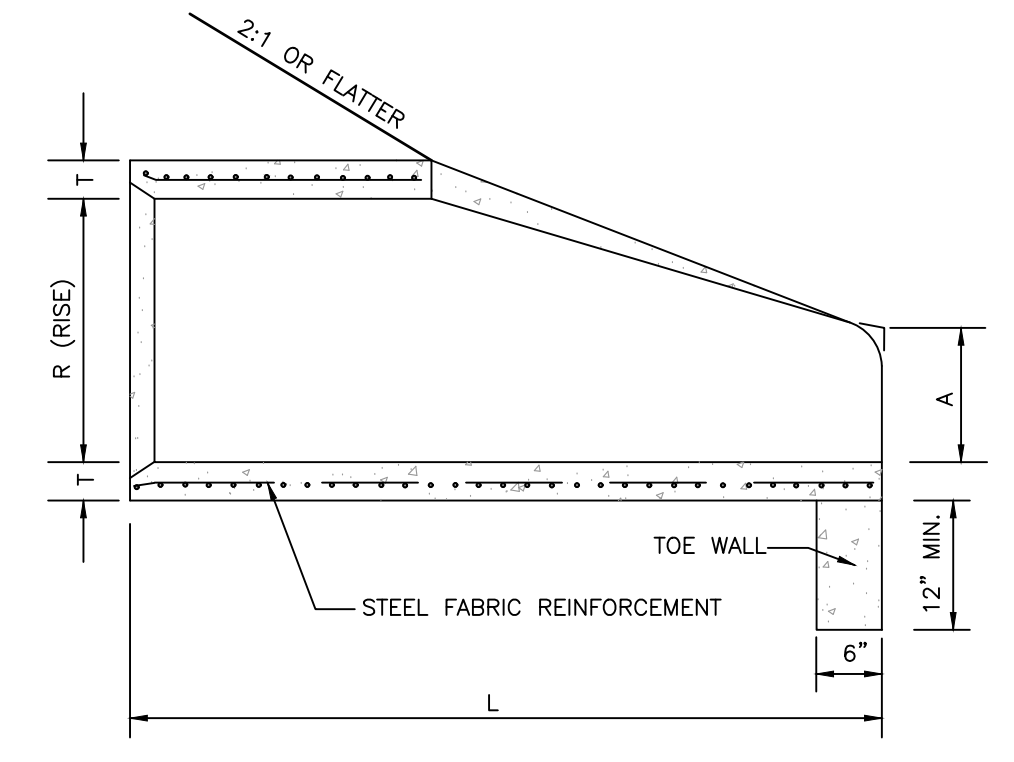
- GENERAL NOTES**
1. FLARED END SECTIONS ARE NOT TO BE USED INSIDE THE CLEAR ZONE.
 2. UNLESS OTHERWISE DESIGNATED, EITHER TYPE I OR TYPE II MAY BE USED, PROVIDED THE SELECTED TYPE IS COMPATIBLE WITH THE CONFIGURATION OF THE PIPE TO WHICH IT IS TO BE ATTACHED.
 3. ALL SIZES OF TYPE I AND TYPE II FLARED END SECTIONS FOR CONCRETE ARCH PIPE MAY BE FURNISHED WITH EITHER BELL AND SPIGOT OR TONGUE AND GROOVE ENDS.
 4. REINFORCEMENT (SINGLE LINE) FOR FLARED END SECTION SHALL CONFORM TO REQUIREMENTS OF AASHTO M 206 FOR CLASS II ARCH PIPE.
 5. TOE WALL REQUIRED ON ALL DOWNSTREAM FLARED END SECTIONS. TOE WALL AT UPSTREAM END WILL BE CONSTRUCTED WHERE DIRECTED BY THE ENGINEER. TO BE PAID FOR AS CLASS "B" STRUCTURAL CONCRETE-MINOR STRUCTURES.
 6. FLARED END SECTIONS MUST MEET THE REQUIREMENTS FOR ARCH PIPE OF EITHER AASHTO M 206 OR ASTM C 506.

TABLE OF QUANTITIES

TOE WALL CONC. QUANTITY (yd ³)
0.063
0.083
0.102
0.123
0.134
0.145
0.156
0.167
0.207



PLAN OF DOWNSTREAM END

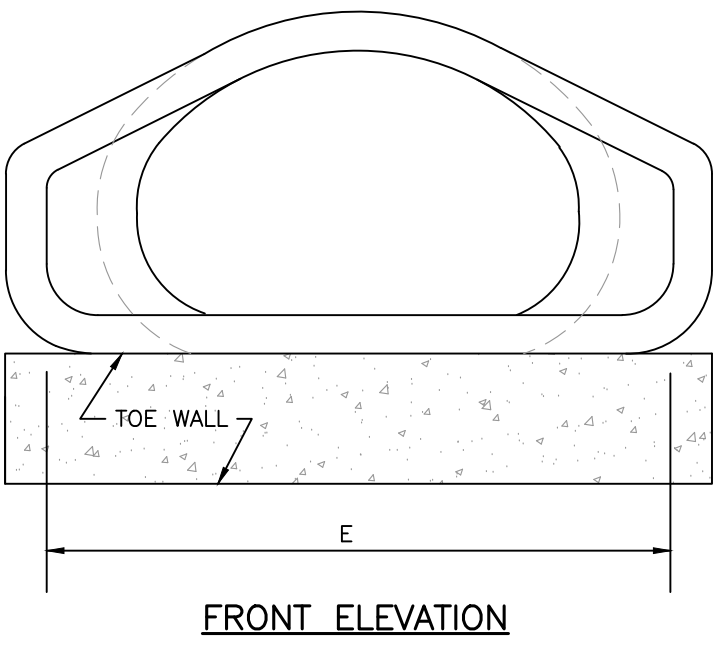


SECTION X-X

NOTE
 BELL-END ON DOWNSTREAM SECTION
 SPIGOT-END ON UPSTREAM SECTION.

TABLE OF DIMENSIONS
 FLARED END SECTION FOR CONCRETE ARCH PIPE

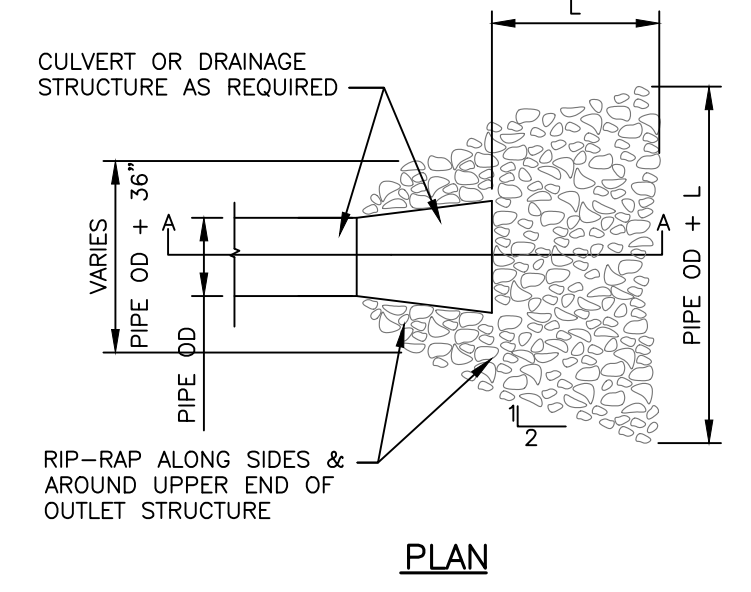
EQUIV. SIZE	R	S	T	H:V	A	B	C	E	L
18"	1 3/4"	22"	2 1/2"	3:1	7"	2'-3"	3'-9"	3'-0"	6'-0"
24"	1 1/2"	28 1/2"	3"	3:1	8"	3'-3"	2'-9"	4'-0"	6'-0"
30"	2 1/2"	36 1/2"	3 1/2"	3:1	10"	4'-0"	2'-0"	5'-0"	6'-0"
36"	2 5/8"	43 1/2"	4"	3:1	10 5/8"	5'-0"	3'-0"	6'-0"	8'-0"
42"	3 1/8"	51 1/2"	4 1/2"	3:1	1'-3 3/8"	5'-0"	3'-0"	6'-6"	8'-0"
48"	3 6"	58 1/2"	5"	3:1	1'-9"	5'-0"	3'-0"	7'-0"	8'-0"
54"	4 0"	65"	5 1/2"	3:1	2'-1 1/2"	5'-0"	3'-0"	7'-6"	8'-0"
60"	4 5"	73"	6"	3:1	2'-2"	6'-3"	1'-9"	8'-0"	8'-0"
72"	5 4"	88"	7"	3:1	2'-11"	6'-6"	1'-10"	10'-0"	8'-4"



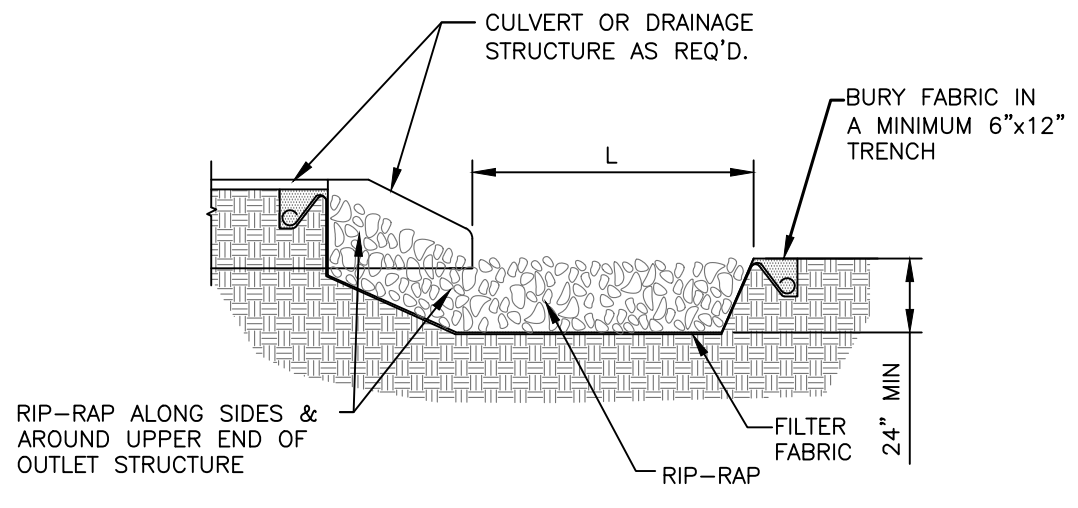
FRONT ELEVATION

RIP-RAP DETAIL NOTES

1. RIP-RAP IS REQUIRED AT ALL FLARED END SECTION AND HEADWALLS LOCATIONS
2. GEOTEXTILE FILTER FABRIC IS REQUIRED BETWEEN THE RIP-RAP AND SUB-GRADE.
3. IN A WELL-DEFINED CHANNELS, EXTEND THE RIP-RAP APRON UP THE CHANNEL BANKS ABOVE THE TAILWATER ELEVATION.



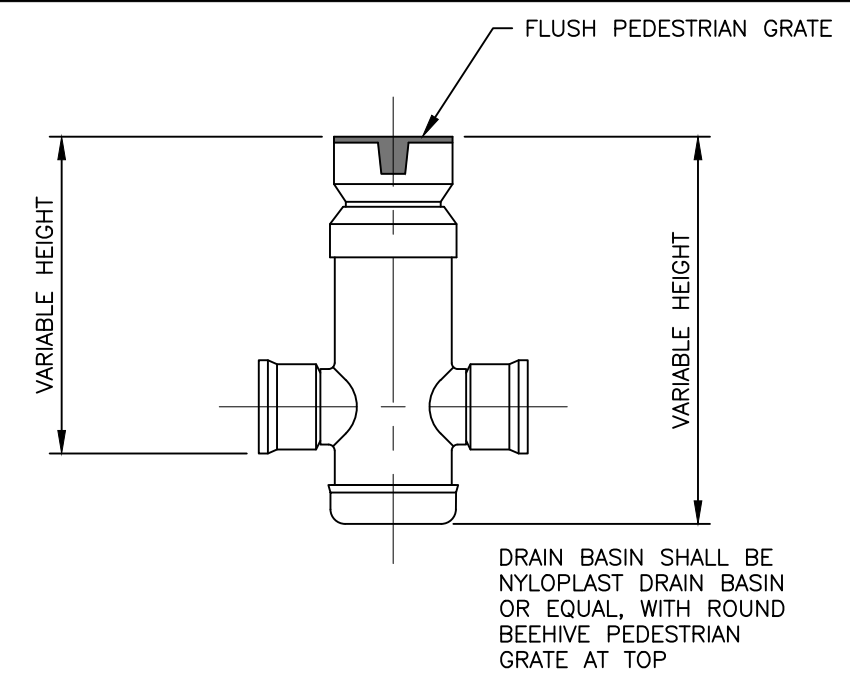
PLAN



SECTION A-A

RIP-RAP LENGTH TABLE

PIPE DIA.	L (FT)
15"	5'
18"	8'
24"	10'
30"	12'
36"	14'
42"	16'
48"	18'
60"	20'
72"	22'



3 DRAIN BASIN DETAIL

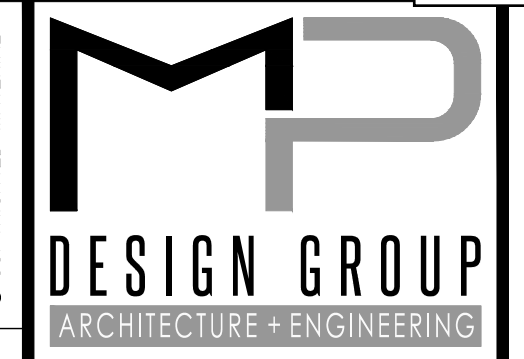
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1 FLARED END SECTION (F.E.S.) FOR REINFORCED CONCRETE ARCH PIPE (RCAP)

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2 TYPICAL RIP-RAP OUTFALL DETAIL

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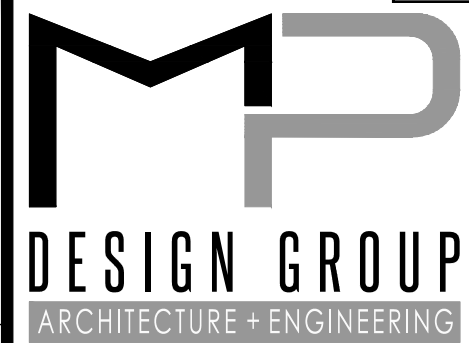
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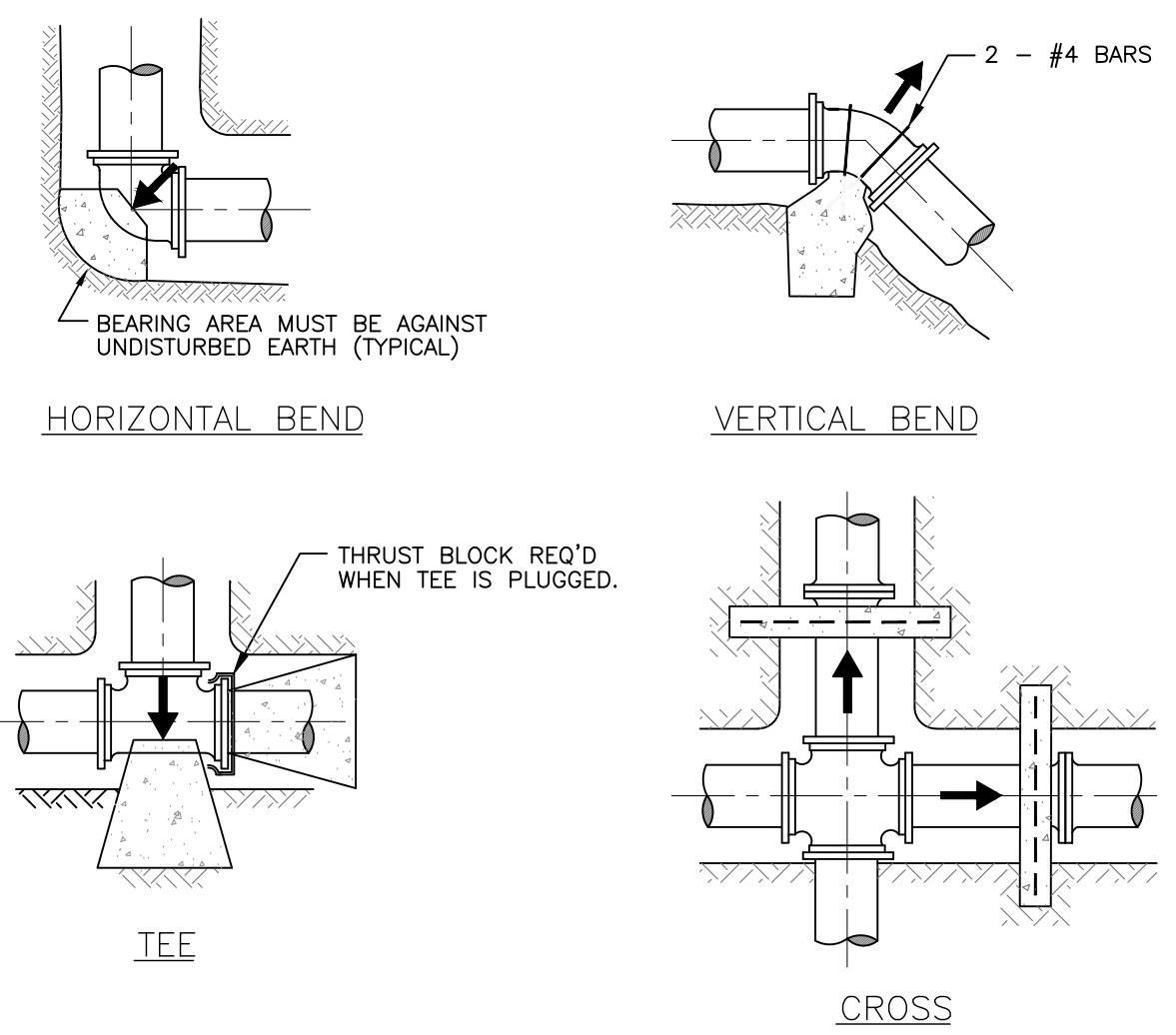
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 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

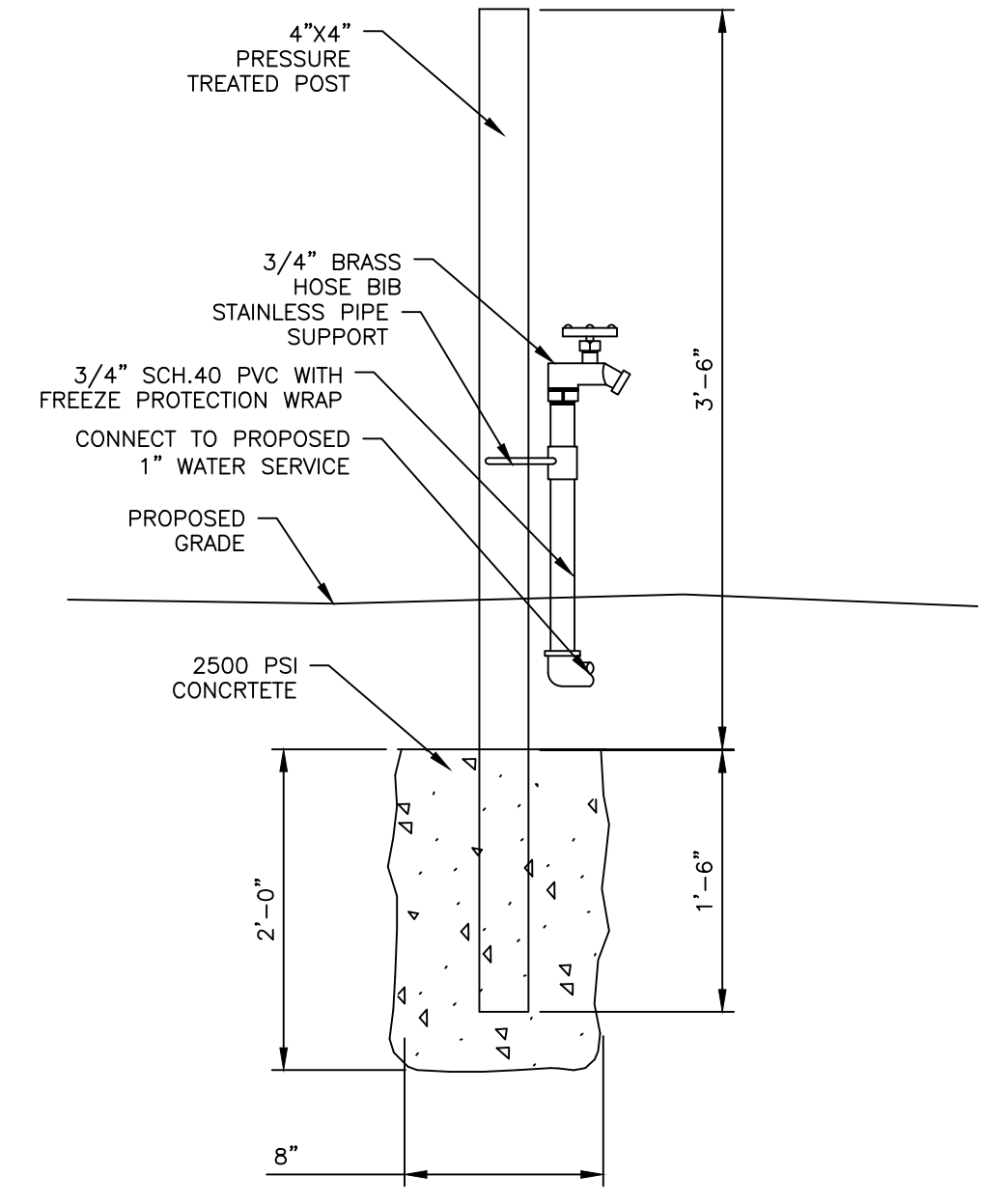
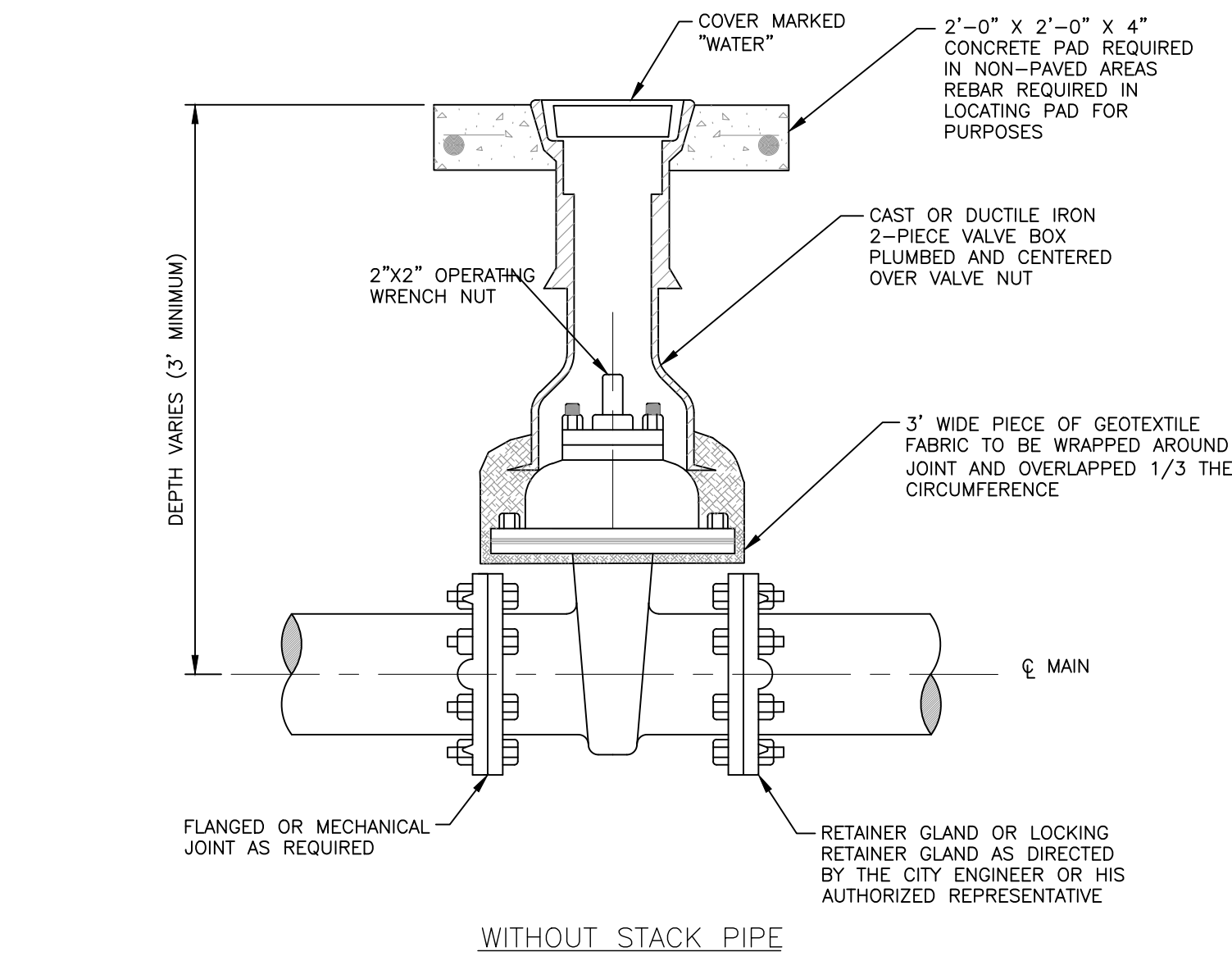
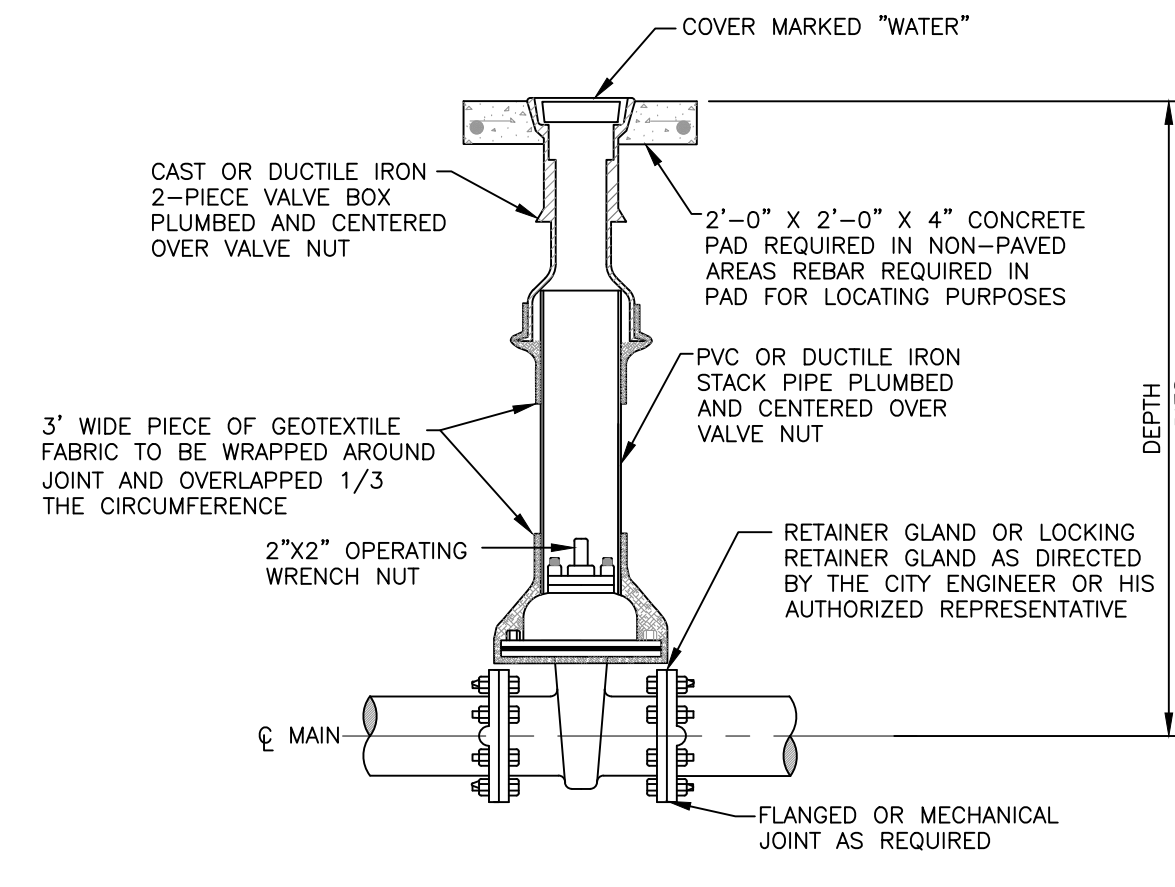
THE ORIGINAL SIGNED, DATED AND SEALED ENGINEERING PLANS ARE THE OFFICIAL DOCUMENTS SUBMITTED TO THE APPROVING AUTHORITY FOR THESE PLANS. CONTRACTOR / SUBCONTRACTOR / AND/OR OWNER SHALL CONSULT ENGINEER PLANS TO VERIFY ANY CONDITIONS OR RESTRICTIONS THAT MAY HAVE BEEN REQUIRED BY THE APPROVING AUTHORITY OR APPROVED BY THE REGISTERED ENGINEER OF RECORD. IF DISCREPANCIES OCCUR, THE ORIGINAL SIGNED, DATED AND SEALED ENGINEERING PLAN SET SHALL OVERRIDE ANY OTHER PLANS. THE DRAWINGS, DETAILS, AND NOTES THAT APPEAR ON THIS SHEET ARE COPYRIGHTED BY MACHADO | PATANO, PLLC, AND CLAIM ALL RIGHTS OF THE COPYRIGHT LAWS. © COPYRIGHTED MATERIAL

WATER MAIN THRUST BLOCK NOTE

ALL FITTINGS SHALL BE COVERED WITH A GEOTEXTILE FABRIC PRIOR TO POURING CONCRETE THRUST BLOCKING



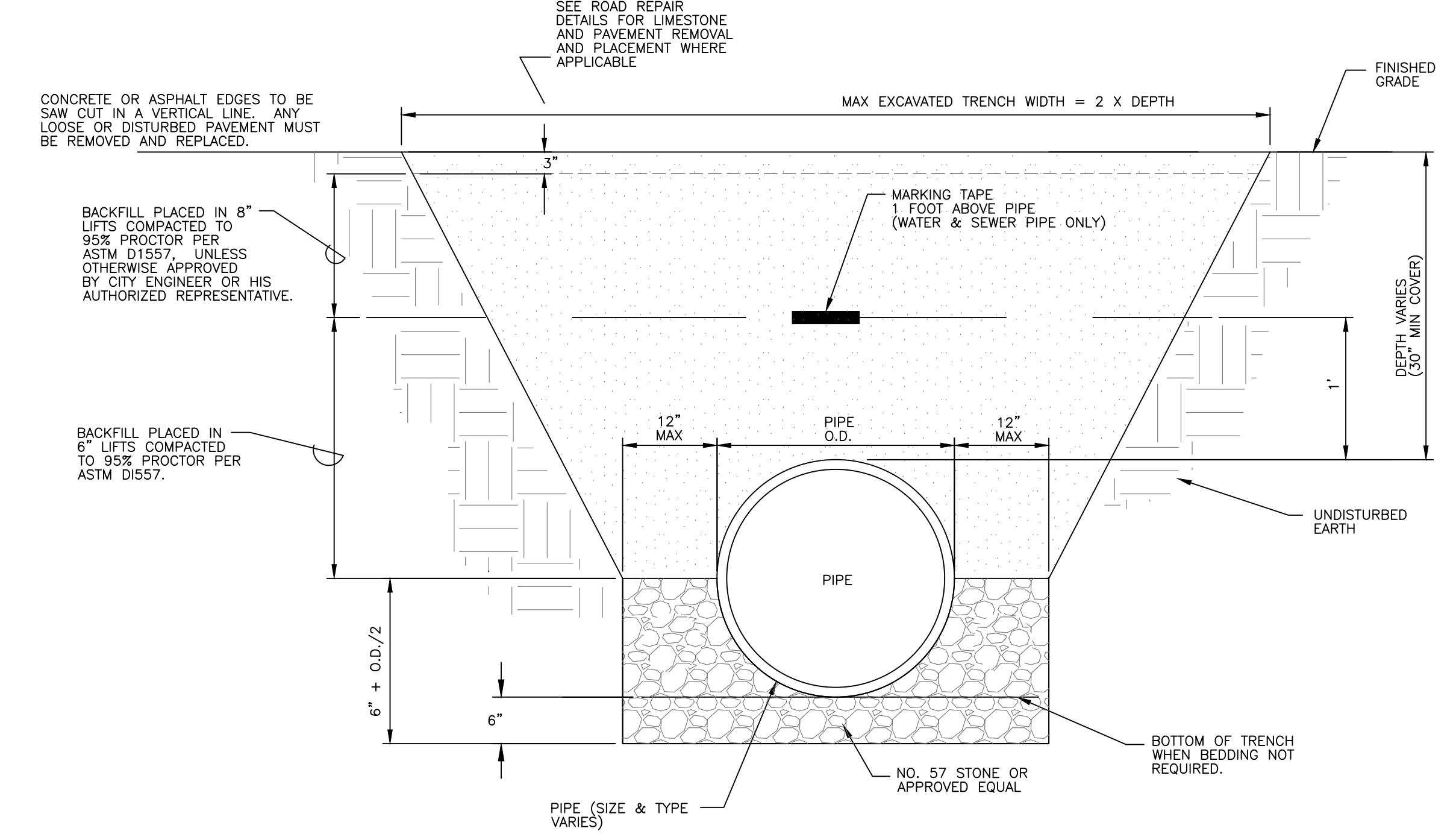
BEARING AREAS FOR THRUST BLOCKING IN SQUARE FEET						
FITTING:	4" DIA.	6" DIA.	8" DIA.	10" DIA.	12" DIA.	14" DIA.
TEES	2.0	2.5	4.7	5.0	7.0	9.0
90°	2.0	2.7	6.7	7.2	10.4	12.7
45°	1.0	1.5	3.6	3.9	5.6	6.9
22 1/2°	1.0	1.0	1.8	2.0	2.9	3.5



1 WATER MAIN THRUST BLOCK DETAILS NOT TO SCALE

2 IN-LINE WATER VALVE AND VALVE BOX WITH AND WITHOUT STAKE PIPE DETAIL NOT TO SCALE

3 HOSE BIB MOUNT DETAIL NOT TO SCALE



- GENERAL NOTES**
- PIPE BEDDING SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL EARTHWORK SECTION AND ANY OTHER SECTION THAT MAY APPLY OR AS DIRECTED BY THE ENGINEER OF RECORD. TYPE AND LOCATION OF BEDDING SHALL BE DETERMINED BY THE ENGINEER OR HIS AUTHORIZED REPRESENTATIVE. BEDDING FOR ARCH PIPE SHALL COVER THE HAUNCHES.
 - BACKFILL MATERIAL SHALL BE PLACED ON BOTH SIDES OF PIPE SIMULTANEOUSLY DURING BACKFILLING OPERATIONS TO PREVENT SHIFTING OR DAMAGE TO PIPE.
 - "MAXIMUM EXCAVATED TRENCH WIDTH" REFERS TO THE MAXIMUM WIDTH THAT WILL BE USED FOR COMPUTATION OF APPLICABLE PAY ITEMS FOR BORROW FOR BACKFILL, LIMESTONE, AND PAVING. PIPE BEDDING SHALL BE PAID BASED ON A WIDTH OF TWO FEET PLUS THE OUTSIDE DIAMETER FOR THE PIPE (O.D. OF PIPE + 2 FEET) AS SHOWN ON THE DETAIL. THE CONTRACTOR MAY EXCAVATE A WIDER TRENCH AT HIS OWN EXPENSE AS LONG AS TRENCH REMAINS WITHIN THE PROJECT LIMITS, PROPERTY OR EASEMENT AND THE ENGINEER OR HIS AUTHORIZED REPRESENTATIVE APPROVES THE DIMENSIONS OF THE WIDER TRENCH.
 - IN THE CASE OF OVERLAPPING UTILITY TRENCHES, THE CONTRACTOR SHALL ONLY BE PAID ONCE FOR ITEMS SUCH AS LIMESTONE AND PAVING. ADDITIONALLY ANY MARKING TAPE ABOVE SEWER PIPE THAT IS DISTURBED OR DAMAGED BY OVERLAPPING TRENCHES SHALL BE PROPERLY REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
 - INSTALLATION AND COVER REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE PIPE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS AND RECOMMENDATIONS.
 - TOP OF PIPE SHALL BE BELOW ROAD BASE IN PAVED AREAS. IF EXISTING MATERIAL IS USED FOR BACKFILL, THERE SHALL BE NO ADDITIONAL PAYMENT FOR EXCAVATION AND BACKFILL. IF EXISTING MATERIAL IS UNSUITABLE FOR BACKFILL, BORROW MATERIAL SHALL BE USED. DISPOSAL OF UNSUITABLE MATERIAL SHALL BE PAID FOR AT THE UNIT PRICE BID FOR EXCESS EXCAVATION. APPROVED PLACEMENT OF BORROW SHALL BE PAID FOR AT THE UNIT PRICE BID FOR BORROW MATERIAL.

- STORM DRAIN PIPE PLACEMENT NOTES**
- STORM DRAIN PIPE SHALL BE CONCRETE, RIBBED PVC OR HIGH DENSITY POLYETHYLENE IN ACCORDANCE WITH THE SPECIFICATIONS OR AS SHOWN ON THE PLANS. LOCATION FOR INSTALLATION OF TYPE OF PIPE SHALL BE AS SHOWN ON THE DRAWINGS OR AS DIRECTED BY THE ENGINEER OR HIS AUTHORIZED REPRESENTATIVE. ONLY CONCRETE STORM DRAIN PIPE SHALL BE INSTALLED UNDER PAVED AREAS UNLESS SHOWN DIFFERENTLY ON THE CONSTRUCTION PLANS.
 - ALL STORM DRAIN JOINTS SHALL BE WRAPPED WITH GEOTEXTILE FABRIC. FABRIC SHALL BE THREE (3') FEET WIDE (CENTERED OVER JOINT) AND LONG ENOUGH TO WRAP AROUND THE PIPE JOINT AND OVERLAP 1/3 THE CIRCUMFERENCE. THE COST OF FABRIC SHALL BE ABSORBED IN THE UNIT PRICE BID FOR STORM DRAIN PIPE AND SHALL NOT BE MEASURED FOR SEPARATE PAYMENT.
 - REFER TO OTHER DETAILS FOR DRAINAGE STRUCTURES, CONCRETE PIPE REPAIR METHODS, PIPE END TREATMENTS, & GRATES.

4 TRENCH DETAIL FOR SANITARY SEWER AND NON-PERFORATED STORM DRAIN PIPE NOT TO SCALE

PRINTED: 11/23/2022 2:30 PM BY: Jason Polite LAST SAVED: 11/23/2022 2:29 PM BY: Jpolite m:\0275_city of diamondhead\0275.20.004_twin lakes fishing pier & trail\02-civil\03-production drawings\twin lakes site plan.dwg



Diamondhead Twin Lakes Fishing Pier and Park
 "Engineer's Opinion Of Probable Cost"

December 2, 2022

BASE BID TIDELANDS PORTION					
	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENSION
1	Mobilization	1	LS	\$ 5,500.00	\$ 5,500.00
2	Clearing and Grubbing	1	AC	\$ 5,500.00	\$ 5,500.00
3	Removal of Pipe (All Sizes)	20	LF	\$ 10.00	\$ 200.00
4	Removal of Obstructions	10	CY	\$ 25.00	\$ 250.00
5	Maintenance of Erosion Control	1	LS	\$ 1,000.00	\$ 1,000.00
6	Construction Entrance/Exit	1	EA	\$ 2,500.00	\$ 2,500.00
7	Temporary Silt Fence	1200	LF	\$ 3.50	\$ 4,200.00
8	Temporary Inlet Protection	3	EA	\$ 100.00	\$ 300.00
9	Unclassified Excavation (PM)(AH)	1000	CY	\$ 8.00	\$ 8,000.00
10	Import Borrow Fill Material (PM)	3000	CY	\$ 18.00	\$ 54,000.00
11	Wooden Post Barrier	170	LF	\$ 10.00	\$ 1,700.00
12	Wooden Pier	1	LS	\$ 20,000.00	\$ 20,000.00
13	Hot Bituminous Pavement, Surface Course	800	SY	\$ 35.00	\$ 28,000.00
14	"610" Crushed Aggregate Base Course	165	CY	\$ 75.00	\$ 12,375.00
15	Blue Parking Striping	200	LF	\$ 10.00	\$ 2,000.00
16	Concrete Wheelstops	8	EA	\$ 150.00	\$ 1,200.00
17	Concrete Pavement	40	SY	\$ 50.00	\$ 2,000.00
18	Concrete Sidewalk	200	SY	\$ 50.00	\$ 10,000.00
19	Truncated Dome Detectable Warning	2	EA	\$ 250.00	\$ 500.00
20	Handicap Signage	4	EA	\$ 100.00	\$ 400.00
21	Decorative Brick Pavers	50	SY	\$ 50.00	\$ 2,500.00
22	Concrete Mudslab	50	SY	\$ 36.00	\$ 1,800.00
23	Select Sand	50	SY	\$ 25.00	\$ 1,250.00
24	Concrete Ribbon Curb	90	LF	\$ 23.00	\$ 2,070.00
25	Concrete Wash Station	1	EA	\$ 2,500.00	\$ 2,500.00
26	1" SCH. 40 PVC Pipe	420	LF	\$ 10.00	\$ 4,200.00
27	4" SDR 26 PVC Pipe	120	LF	\$ 15.00	\$ 1,800.00
28	8" SDR 26 PVC Pipe	155	LF	\$ 50.00	\$ 7,750.00
29	12" SDR 26 PVC Pipe	75	LF	\$ 100.00	\$ 7,500.00
30	22"x13" Reinforced Concrete Arch Pipe	120	LF	\$ 100.00	\$ 12,000.00
31	22"x13" Reinforced Concrete Arch Pipe Flared End Section	2	EA	\$ 500.00	\$ 1,000.00
32	Nyloplast Drain Basin	4	EA	\$ 200.00	\$ 800.00
33	Solid Sodding, 419 Bermuda	5000	SY	\$ 8.00	\$ 40,000.00
34	2" Thick Topsoil	5000	SY	\$ 4.00	\$ 20,000.00
35	100 LB Rip Rap	100	SY	\$ 150.00	\$ 15,000.00
	Total				\$ 279,795.00

BASE BID NON-TIDELANDS PORTION					
	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENSION
36	Entry Building	1	LS	\$ 30,000.00	\$ 30,000.00
37	5' Tall Architectural Fence	1100	LF	\$ 30.00	\$ 33,000.00
38	Hitching Post	2	EA	\$ 750.00	\$ 1,500.00
39	Water Fountain	2	EA	\$ 4,000.00	\$ 8,000.00
40	Concrete Splash Pad	2	EA	\$ 4,000.00	\$ 8,000.00
	Total				\$ 80,500.00

Base Bid Total	\$ 360,295.00
10% Contingency	\$ 36,029.50
Base Bid Construction Cost	\$ 396,324.50



City of Diamondhead, MS

Docket of Claims Register - Item No.8.

APPKT02010 - 7.5.23 DOCKET

By Docket/Claim Number

Docket/Claim #	Vendor Name		Payable Description	Account Number	Account Name	Payment Amount	
	Payable Date	Payable Number				Line	Amount
DKT230839	AGJ						2,404.78
	07/05/2023	105899	MONTHLY IT SUBSCRIPTIONS	001-140-605.00	Professional Fees - IT	36.00	
		MSP-105654		001-140-605.00	Professional Fees - IT	250.00	
				001-140-605.00	Professional Fees - IT	2,019.78	
				001-140-605.00	Professional Fees - IT	36.00	
			001-140-605.00	Professional Fees - IT	63.00		
DKT230840	Amazon com LLC						49.99
	07/05/2023	19P7-K9W1-T6P4	CTC - 4 PACK WALKIE TALKIES	001-000-066.00	Prepaid Other	49.99	
DKT230841	B&J PITT STOP LLC						117.00
	07/05/2023	11-0187750	OIL CHANGE - UNIT 032	001-200-635.00	Professional Fees - R&M Outside Services	45.00	
		11-0188044	OIL CHANGE - UNIT 850	001-200-635.00	Professional Fees - R&M Outside Services	72.00	
DKT230842	CADENCE EQUIPMENT FINANCE						475.00
	07/05/2023	737379	COPIER LEASE AGREEMENT -- 21 OF 48	001-800-830.07	Note Interest Payment - Copier Lease Purch 2021	31.66	
				001-800-820.07	Note Principal Payment - Copier Lease Purch 2021	443.34	
DKT230843	Coast Electric Power Association						19,313.83
	07/05/2023	6/14/23-001	MONTHLY ELECTRIC BILL	001-301-630.00	Utilities - Streetlights & Other	10,431.87	
		6/14/23-002		001-301-630.00	Utilities - Streetlights & Other	1,593.03	
		6/18/23-026		001-301-630.00	Utilities - Streetlights & Other	57.25	
		6/9/23-003		001-140-630.00	Utilities - General	2,354.63	
				001-301-630.00	Utilities - Streetlights & Other	3,071.70	
		6/9/23-005		001-301-630.00	Utilities - Streetlights & Other	89.35	
		6/9/23-007		001-301-630.00	Utilities - Streetlights & Other	53.89	
		6/9/23-010		001-140-630.00	Utilities - General	73.16	
		6/9/23-012		001-140-630.00	Utilities - General	54.55	
		6/9/23-016		001-301-630.00	Utilities - Streetlights & Other	51.55	
		6/9/23-017		001-301-630.00	Utilities - Streetlights & Other	233.69	
		6/9/23-018		001-301-630.00	Utilities - Streetlights & Other	66.80	
		6/9/23-019		001-301-630.00	Utilities - Streetlights & Other	58.01	
		6/9/23-020		001-301-630.00	Utilities - Streetlights & Other	1,124.35	
DKT230844	COASTAL ENVIRONMENTAL SERVICES OF LA, LLC						375.00
	07/05/2023	INV18941	20 YARD ROLL OFF DUMPSTER	001-653-650.00	Promotions	375.00	

Docket of Claims Register - Council

Docket/Claim #	Vendor Name	Payable Date	Payable Number	Payable Description	Account Number	Account Name	Line Amount	Payment Amount
DKT230845	CSpire Cell Service	07/05/2023	6/18/23	CELLULAR SERVICE FOR MAY	001-140-632.00	Telephone - Cell		977.09
					001-200-612.00	Internet	47.62	
					001-280-632.00	Telephone - Cell	343.30	
					001-301-632.00	Telephone - Cell	174.48	
							411.69	
DKT230846	CUSICK & WILLIAMS, PLLC	07/05/2023	973	GENERAL MATTERS -- JUNE	001-140-603.00	Professional Fees - Legal	7,750.00	14,843.75
				PLANNING AND ZONING -- JUNE	001-280-603.00	Professional Fees - Legal	3,625.00	
				CITY PROSECUTOR -- JUNE	001-110-603.00	Professional Fees - Legal	3,000.00	
				LANGKOPP VS CODH -- JUNE	001-280-603.00	Professional Fees - Legal	62.50	
				BYCHURCH VS CODH -- DECEMBER	001-280-603.00	Professional Fees - Legal	62.50	
				MAKIKI BOND CLAIM -- JUNE	001-140-603.00	Professional Fees - Legal	343.75	
DKT230847	Darryl Michael Russell Jr	07/05/2023	6/27/23	TRAVEL REIMBURSEMENT - JUNE 21 -23 2023	001-200-615.00	Travel & Training	326.19	852.38
					001-200-615.00	Travel & Training	326.19	
					001-200-615.00	Travel & Training	200.00	
DKT230848	DAVID'S CHAINSAW & LAWNMOWER REPAIR, LLC	07/05/2023	42352	TRIMMER REPAIRS	001-301-571.00	Repairs & Maintenance - Equipment	218.15	218.15
DKT230849	DIAMONDHEAD COUNTRY CLUB & POA	07/05/2023	JULY 2023	RENTAL OF MAINTENANCE YARD -- JULY	001-301-640.00	Rentals	1,000.00	1,000.00
DKT230850	Diamondhead True Value	07/05/2023	A435893	PVC ADAPTER, BUSING, PVC BOX, CONDUIT LOCKNUT	001-301-571.00	Repairs & Maintenance - Equipment	34.97	354.72
				BUSHING, COUPLING, PVC PIPE	001-301-571.00	Repairs & Maintenance - Equipment	5.75	
				HILLMAN ITEM	001-301-571.00	Repairs & Maintenance - Equipment	6.76	
				ADAPTER, BUSHING	001-301-571.00	Repairs & Maintenance - Equipment	2.78	
				TAP & #9 BIT	001-301-571.00	Repairs & Maintenance - Equipment	7.99	
				FRGD EYE BOLT	001-301-575.00	Repairs & Maintenance-Streets/Drainage/Other	16.98	
				60 LB CEMENT	001-301-501.00	Supplies	14.25	
				DROP CLOTH, DUCT TAPE	001-301-501.00	Supplies	19.98	
				BLUE POND DYE, LEAF RAKE	001-301-501.00	Supplies	232.76	
				GFCI WHITE OUTLET	001-301-501.00	Supplies	12.50	

Docket of Claims Register - Council

APPKT02010 - Item No.8 T

Docket/Claim #	Vendor Name	Payable Date	Payable Number	Payable Description	Account Number	Account Name	Line	Amount	Payment Amount
DKT230851	Diamondhead Water and Sewer District	07/05/2023	7/10/23-020	WATER	001-140-630.00	Utilities - General		493.65	
								164.76	
								82.38	
								23.95	
								126.76	
								23.95	
								23.95	
								23.95	
DKT230852	Dixieland Home Farm and Garden Center Inc	07/05/2023	523977	GLYPHOSATE HERBICIDE 2.5 GAL	001-301-501.00	Supplies	299.97	299.97	
DKT230853	Enmon Enterprises	07/05/2023	MGC06230153	MONTHLY CONTRACT FOR JUNE	001-140-633.00	Professional Fees -- Cleaning/Janitorial	2,799.00	2,799.00	
DKT230854	Eric Nolan	07/05/2023	2022000291	TREE REMOVAL - 42 DIAMONDHEAD LAKES	001-280-681.00	Other Services & Charges	100.00		300.00
				TREE REMOVAL - 7930 HAPUNA PLACE	001-280-681.00	Other Services & Charges	100.00		
				TREE REMOVAL - 7828 LOA COURT	001-280-681.00	Other Services & Charges	100.00		
DKT230855	Fuelman	07/05/2023	NP64577595	FOR THE WEEK ENDING 6/18/23	001-200-525.00	Fuel	1,870.56		2,805.82
					001-280-525.00	Fuel	46.08		
					001-140-525.00	Fuel	49.88		
					001-200-525.00	Fuel	807.92		
					001-280-525.00	Fuel	31.38		
DKT230856	Kirks Tire Pros	07/05/2023	63917	NEW POLICE UNIT TINT	001-200-917.00	Capital Outlay - Mobile Equipment	200.00		879.50
					001-200-917.00	Capital Outlay - Mobile Equipment	200.00		
					001-200-917.00	Capital Outlay - Mobile Equipment	200.00		
					001-200-917.00	Capital Outlay - Mobile Equipment	200.00		
					001-200-917.00	Capital Outlay - Mobile Equipment	79.50		
DKT230857	Lee Tractor	07/05/2023	P110929	FA #449 REPAIRS - HOLDER	001-301-635.00	Professional Fees - R&M Outside Services	309.06		257.92
				CREDIT MEMO - RETURNED INCORRECT PARTS	001-301-571.00	Repairs & Maintenance - Equipment	-51.14		
DKT230858	Marvin J Bobinger III	07/05/2023	JUNE 2023	LOBBYING SERVICES FOR JUNE	001-653-601.00	Professional Fees - Consulting	4,000.00	4,000.00	

Docket of Claims Register - Council

APPKT02010 - Item No.8.

Docket/Claim #	Vendor Name	Payable Date	Payable Number	Payable Description	Account Number	Account Name	Line Amount		
DKT230859	Napa of Bay St Louis	07/05/2023	351793	AIR FILTER	001-301-571.00	Repairs & Maintenance - Equipment	46.28	705.59	
					001-301-571.00	Repairs & Maintenance - Equipment	46.28		
			352920	CORE DEPOSIT AND BATTERIES	001-301-571.00	Repairs & Maintenance - Equipment	179.27		
			352963	GREASE FITTING ASST	001-301-571.00	Repairs & Maintenance - Equipment	39.27		
			353504	AIR FILTER	001-301-571.00	Repairs & Maintenance - Equipment	394.49		
DKT230860	Sea Coast Echo	07/05/2023	6/22/23	BOND PAVING PROJECT ADS	001-140-620.00	Advertising	193.52	193.52	
DKT230861	SHANE FINLEY	07/05/2023	6/28/23	REIMBURSEMENT - MML HOTEL	001-100-615.00	Travel & Training	137.12	137.12	
DKT230862	South MS Business Machines Gulfport	07/05/2023	439294	PER COPY CHARGE FOR JUNE	001-280-506.00	Copier Usage/Maintenance	55.47	336.75	
			6/16/23	PAYMENT 57 OF 60 -- ADMIN	001-280-642.00	Rent - Copier	281.28		
DKT230863	UMB Card Services	07/05/2023	0291	STRIPING SPRAY PAINT - FIREWORK SHOW	001-653-650.00	Promotions	29.94	134.82	
					001-653-650.00	Promotions	29.94		
					001-653-650.00	Promotions	29.94		
			6/10/23	MONTHLY CHARGES FOR CONSTANT CONTACT	001-140-623.00	Membership Dues/Fees	45.00		
DKT230864	UniFirst Corporation	07/05/2023	1530081128	UNIFORM RENTAL FOR THE WEEK ENDING 6/19/2023	001-301-535.00	Uniforms	144.34	288.68	
			1530082491	UNIFORM RENTAL FOR THE WEEK ENDING 6/26/23	001-301-535.00	Uniforms	144.34		
DKT230865	Waste Management	07/05/2023	0802146-4768-9	DUMPSTER RENTAL	001-140-681.00	Other Services & Charges	68.83	68.83	
Total Claims: 27							Total Payment Amount:	54,682.86	