



# ***Borough of Chambersburg***

*A full service municipality in Franklin County  
celebrating over 65 years of consumer owned natural gas service  
over 120 years of community electric and a  
regional wastewater, water, and municipal solid waste utility*

March 25, 2025

## **ADDENDUM NO. 1**

To the Contract Documents for  
**Conococheague Creek Canoe/Kayak Launch and Fishing Dock Project**  
For  
The Borough of Chambersburg, PA

In accordance with the requirements of the “Instructions to Bidders”, this Addendum shall be attached to and become a part of the Contract Documents for the above referenced project.

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### **1. Revised Plans and Specifications:**

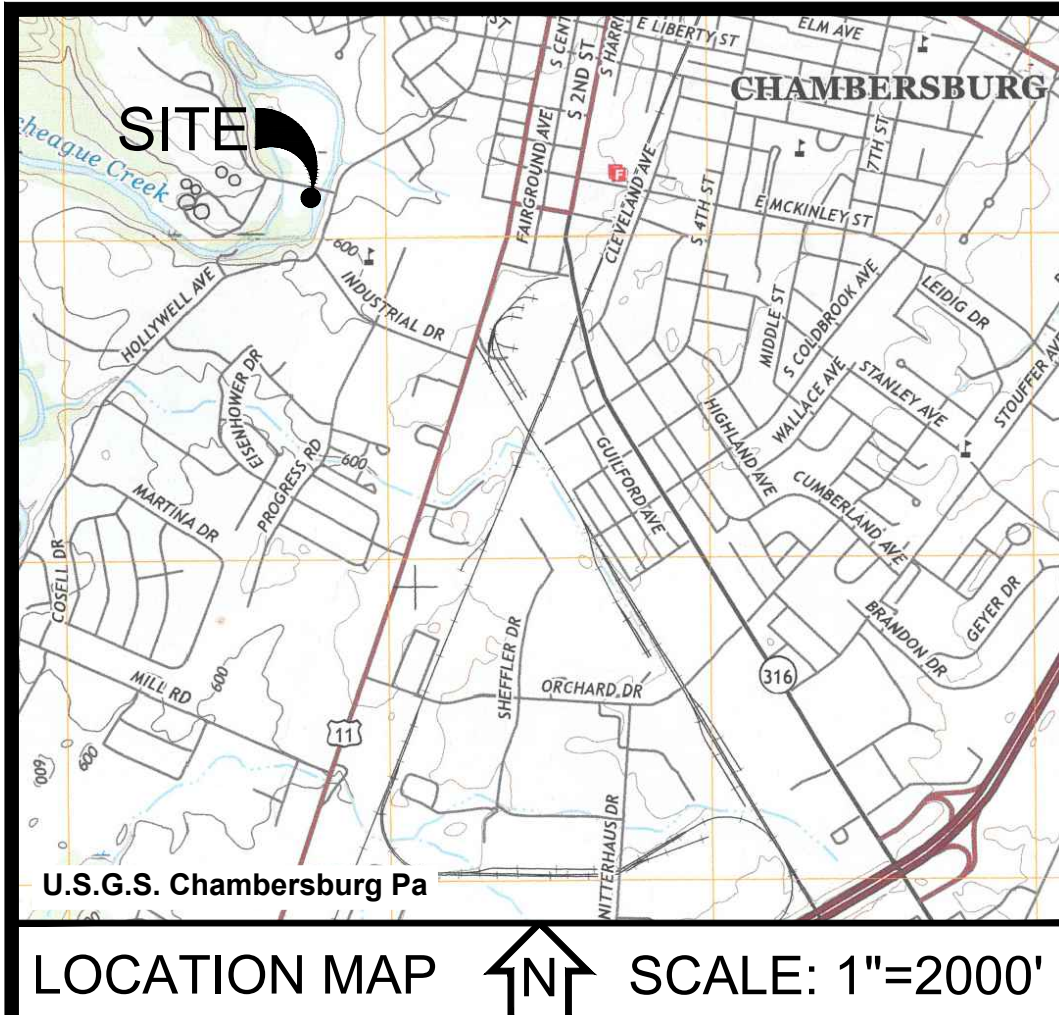
Please find the revised plans and specifications attached to this Addendum

- Plans/specifications have been revised to show modifications at the center of the dock for a wheel chair with a lower height rail and an opening for the foot rest to project beyond the rail. Sheet S1.1 has been revised.

### **2. Further clarification:**

- Pages 181-184 of the bid document are attachments that were included with the original Grant Agreement with the PA Fish and Boat Commission. These attachments do not accurately reflect the ‘current’ scope of work AND project location.
- Amendment #1 was approved by the PA Fish and Boat Commission. This Amendment allowed for the completion of the project by December 31, 2025.

**END OF ADDENDUM NO.1**



**SHEET INDEX**

- 1. SITE PLAN & E&S PLAN
- 2. DETAILS
- 3. FLOODWAY & GRAVEL PATH PROFILES
- S1.1. FISHING DOCK DETAILS & NOTES

**GENERAL NOTES**

1. THE OPERATOR SHALL ASSURE THAT AN EROSION AND SEDIMENT CONTROL PLAN HAS BEEN PREPARED AND APPROVED BY THE COUNTY CONSERVATION DISTRICT, AND IS BEING IMPLEMENTED AND MAINTAINED FOR THE SITE AND ALL SOIL AND/OR ROCK SPOIL AND BORROW AREAS REGARDLESS OF THEIR LOCATIONS.
2. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN MUST BE AVAILABLE AT THE PROJECT SITE AT ALL TIMES.
3. STOCKPILE HEIGHTS MUST NOT EXCEED 35 FEET. STOCKPILE SLOPES MUST BE 2:1 OR FLATTER. SILT FENCE SHALL BE INSTALLED ON THE DOWNHILL SIDE OF THE TOE OF SLOPE.
4. THE OPERATOR SHALL ASSURE THAT THE APPROVED EROSION AND SEDIMENT CONTROL PLAN IS PROPERLY AND COMPLETELY IMPLEMENTED.
5. UNTIL THE SITE ACHIEVES FINAL STABILIZATION, THE OPERATOR SHALL ASSURE THAT THE BEST MANAGEMENT PRACTICES ARE IMPLEMENTED, OPERATED AND MAINTAINED PROPERLY AND COMPLETELY. MAINTENANCE SHALL INCLUDE INSPECTIONS OF ALL BEST MANAGEMENT PRACTICE FACILITIES. ALL MAINTENANCE WORK, INCLUDING CLEANING, REPAIR, REPLACEMENT, REGRADING, AND RESTABILIZATION SHALL BE PERFORMED IMMEDIATELY.
6. IMMEDIATELY UPON DISCOVERING UNFORESEEN CIRCUMSTANCES POSING THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION, THE OPERATOR SHALL IMPLEMENT APPROPRIATE BEST MANAGEMENT PRACTICES TO ELIMINATE THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION.
7. BEFORE INITIATING ANY REVISIONS TO THE APPROVED EROSION AND SEDIMENT CONTROL PLAN OR REVISIONS TO OTHER PLANS WHICH MAY AFFECT THE EFFECTIVENESS OF THE APPROVED E&S CONTROL PLAN, THE OPERATOR MUST RECEIVE APPROVAL OF THE REVISIONS FROM THE FRANKLIN COUNTY CONSERVATION DISTRICT.
8. THE CONTRACTOR IS ADVISED TO BECOME THOROUGHLY FAMILIAR WITH THE PROVISIONS OF THE APPENDIX 64, EROSION CONTROL RULES AND REGULATIONS, TITLE 25, PART 1 DEPARTMENT OF ENVIRONMENTAL PROTECTION, SUBPART C, PROTECTION OF NATURAL RESOURCES, ARTICLE II, WATER RESOURCES, CHAPTER 102, EROSION CONTROL.
9. IN THE EVENT SPOIL MATERIALS ARE TO BE REMOVED AND/OR STORED OFF-SITE, AN EROSION AND SEDIMENTATION CONTROL PLAN SHALL BE IMPLEMENTED IN ACCORDANCE WITH PA DEP CHAPTER 102 REQUIREMENTS FOR EACH OFF-SITE AREA. IF SPOIL MATERIALS ARE TO BE UTILIZED ON-SITE, SAID MATERIALS SHOULD BE DEMONSTRATED, SCREENED AS NECESSARY, GRADED IN PLACE, AND IMMEDIATELY STABILIZED WITH SEEDING AND MULCHING MEASURES.
10. FILL MATERIALS FOR ALL CONSTRUCTED SLOPES AND EMBANKMENTS SHALL BE FREE OF ROOTS OR OTHER WOODY VEGETATION, ORGANIC MATERIAL, LARGE STONES, AND OTHER OBJECTIONABLE MATERIALS. ALL EMBANKMENTS AND SLOPES SHALL BE HORIZONTALLY TRACKED AND COMPACTED IN MAXIMUM 6 INCH LAYERED LIFTS AT 90% DENSITY.
11. MULCH WITH MULCH CONTROL NETTING, OR EROSION CONTROL BLANKETS, MUST BE INSTALLED ON ALL SLOPES STEEPER THAN 3:1.
12. THE OPERATOR SHALL REMOVE FROM THE SITE, RECYCLE, OR DISPOSE OF ALL BUILDING MATERIALS AND WASTE IN ACCORDANCE WITH THE PA DEP'S SOLID WASTE MANAGEMENT REGULATIONS AT 25 PA CODE 260.1 ET SEQ., AND 267.1 ET SEQ. THE CONTRACTOR SHALL NOT ILLEGALLY BURY, DUMP, OR DISCHARGE ANY BUILDING MATERIAL OR WASTES AT THE SITE.
13. THE CONTRACTOR SHALL HAVE ALL SUPPLIES/MATERIALS NECESSARY FOR THE INSTALLATION OF THE E&S BMP'S PRIOR TO ANTICIPATED EARTH DISTURBANCE ACTIVITIES.
14. CLEAR SPOIL AREAS AND SOIL BORROW AREAS (ON SITE AND/OR OFF SITE) SHALL BE IDENTIFIED BY THE CONTRACTOR AND THE LOCATION/SOURCE PROVIDED TO THE COUNTY CONSERVATION DISTRICT. THE CONTRACTOR SHALL OBTAIN FILL MATERIAL FROM ON-SITE OR FROM A PERMITTED BORROW FACILITY. THE CONTRACTOR SHALL NOT USE ANY FILL MATERIAL THAT HAS BEEN CONTAMINATED BY A RELEASE OF HAZARDOUS MATERIALS AND/OR PETROLEUM.
15. PROVIDE ACCESS FOR SEDIMENT REMOVAL AND OTHER REQUIRED MAINTENANCE ACTIVITIES.
16. UNTIL THE SITE IS STABILIZED, ALL EROSION AND SEDIMENTATION BMP'S MUST BE PROPERLY MAINTAINED. MAINTENANCE MUST INCLUDE INSPECTIONS OF ALL EROSION AND SEDIMENTATION BMP'S ON A WEEKLY BASIS AND AFTER EACH RAINFALL EVENT. REMEDIAL MAINTENANCE WORK, INCLUDING CLEAN OUT, REPAIR, REPLACEMENT, RE-GRADING, RE-SEEDING, RE-MULCHING AND RESETTING, MUST BE PERFORMED OR MODIFICATION OF THOSE INSTALLED WILL BE NEEDED.
17. IMMEDIATELY AFTER EARTH DISTURBANCE ACTIVITIES CEASE, THE OPERATOR SHALL STABILIZE THE DISTURBED AREAS. DURING NON-GERMINATING PERIODS, MULCH MUST BE APPLIED AT THE SPECIFIED RATES. DISTURBED AREAS WHICH ARE NOT AT FINISHED GRADE AND WHICH WILL BE REDISTURBED WITHIN ONE YEAR MUST BE STABILIZED IN ACCORDANCE WITH THE TEMPORARY VEGETATIVE STABILIZATION SPECIFICATIONS. DISTURBED AREAS WHICH ARE AT FINISHED GRADE OR WHICH WILL NOT BE REDISTURBED WITHIN ONE YEAR MUST BE STABILIZED IN ACCORDANCE WITH THE PERMANENT VEGETATIVE STABILIZATION SPECIFICATIONS.
18. APPLY NAC (OR APPROVED EQUIV) EROSION CONTROL MATTING TO ALL DISTURBED AREAS WITHIN 50 FEET OF THE STREAM THAT WILL NOT BE SURFACED WITH STONE OR OTHER SPECIFIED NON-ERODIBLE MATERIAL.
19. SOILS SHALL BE STOCKPILED IN ACCORDANCE WITH THE SPECIFICATIONS ON THESE PLANS.
20. ALL PUMPING OF SEDIMENT Laden WATER THAT HAS ACCUMULATED IN THE WORK AREA WILL BE PUMPED TO A FILTER BAG PLACED ON STABILIZED GROUND FOR DISCHARGE OVER NON-DISTURBED AREAS.

**CONSTRUCTION SEQUENCE**

1. ALL EARTH DISTURBANCE ACTIVITIES SHALL PROCEED IN ACCORDANCE WITH THE FOLLOWING SEQUENCE. EACH STAGE SHALL BE COMPLETED AND IMMEDIATELY STABILIZED BEFORE ANY FOLLOWING STAGE IS INITIATED. CLEARING, GRUBBING, AND STRIPPING TOPSOIL SHALL BE LIMITED ONLY TO THOSE AREAS DESCRIBED IN EACH STAGE. PROPERLY DISPOSE OF ALL STUMPS REMOVED WHILE CLEARING AND GRUBBING.
2. AT LEAST SEVEN (7) DAYS PRIOR TO STARTING ANY EARTH DISTURBANCE ACTIVITIES, THE OWNER AND/OR OPERATOR SHALL INVITE ALL CONTRACTORS INVOLVED IN THOSE ACTIVITIES, THE LANDOWNERS, ALL APPROPRIATE MUNICIPAL OFFICIALS, THE EROSION AND SEDIMENT CONTROL PLAN PREPARED, AND A REPRESENTATIVE OF THE FRANKLIN COUNTY CONSERVATION DISTRICT (FCCD) TO AN ON-SITE PRE-CONSTRUCTION MEETING.
3. AT LEAST THREE (3) DAYS PRIOR TO STARTING ANY EARTH DISTURBANCE ACTIVITIES, ALL CONTRACTORS INVOLVED IN THOSE ACTIVITIES SHALL NOTIFY THE PENNSYLVANIA ONE CALL SYSTEM, INCORPORATED, AT 1-800-242-1776 FOR THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES.
4. ALL WORK WITHIN THE STREAM CHANNEL SHALL BE COMPLETED DURING A DRY SEASON DURING LOW-FLOW CONDITIONS.
5. UTILIZE EXISTING GRAVEL PARKING AREA FOR STAGING OF EQUIPMENT AND MATERIALS.
6. FIELD MARK THE LIMITS OF DISTURBANCE. NO WETLANDS HAVE BEEN DELINEATED THEREFORE NO ORANGE SAFETY FENCE FOR PROTECTION OF WETLAND AREAS IS REQUIRED.
7. INSTALL ROCK CONSTRUCTION ENTRANCE PER PLAN.
8. CONTRACTOR SHOULD INSTALL COMPOST FILTER SOCK IF AND WHEN IT IS DEEMED NECESSARY OR DOWNSLOPE OF ANY DISTURBED AREA THAT WILL NOT BE FULL CONTAINED.
9. UTILIZING CONCRETE JERSEY BARRIER OR SANDBAGS WITH PLASTIC CONSTRUCTION GRAVITY STREAM COFFERDAM IN ACCORDANCE WITH THE DETAILS PROVIDED HEREIN. USE PUMPED WATER FILTER BAG AS NECESSARY TO KEEP STREAMBED WORK AREAS DRY.
10. REMOVE EXISTING WOOD BOAT LAUNCH.
11. INSTALL PROPOSED STATIONARY DOCK AND KAYAK LAUNCH.
12. PERFORM MINOR GRADING AND DEVELOP TRAILS PER PLAN AND DETAILS.
13. REMOVE ROCK CONSTRUCTION ENTRANCE AND INSTALL PAVING.
14. PERMANENTLY SEED AND MULCH ANY DISTURBED AREAS.
15. REMOVE COFFERDAM UPON APPROVAL FROM ENGINEER.

**MATting REQUIREMENT**

APPLY NAC (OR APPROVED EQUIV) EROSION CONTROL MATTING TO ALL DISTURBED AREAS WITHIN 50 FEET OF THE STREAM THAT WILL NOT BE SURFACED WITH STONE OR OTHER SPECIFIED NON-ERODIBLE MATERIAL.

**DEFINITIONS**

**PERMANENT STABILIZATION** A MINIMUM UNIFORM 70% PERENNIAL VEGETATIVE COVER OR OTHER PERMANENT NON-VEGETATIVE COVER WITH A DENSITY SUFFICIENT TO RESIST ACCELERATED SURFACE EROSION AND SUBSURFACE CHARACTERISTICS SUFFICIENT TO RESIST SLIDING OR OTHER MOVEMENTS.

**CLEAN FILL:** UNCONTAMINATED, NON-WATER SOLUBLE, NON-DECOMPOSABLE, INERT, SOLID MATERIAL. THE TERM INCLUDES SOIL, ROCK, STONE, DREDGED MATERIAL, USED ASPHALT AND BRICK, BLOCK, OR CONCRETE FROM CONSTRUCTION AND DEMOLITION ACTIVITIES THAT IS SEPARATE FROM OTHER WASTE AND IS RECOGNIZABLE AS SUCH. THE TERM DOES NOT INCLUDE MATERIALS PLACED IN OR ON THE WATERS OF THE COMMONWEALTH UNLESS OTHERWISE AUTHORIZED. (THE TERM "USED ASPHALT" DOES NOT INCLUDE MILLED ASPHALT OR ASPHALT THAT HAS BEEN PROCESSED FOR REUSE.)

**ENVIRONMENTAL DUE DILIGENCE:** INVESTIGATIVE TECHNIQUES INCLUDING, BUT NOT LIMITED TO, VISUAL PROPERTY INSPECTIONS, ELECTRONIC DATA BASE SEARCHES, REVIEW OF PROPERTY OWNERSHIP, REVIEW OF PROPERTY USE HISTORY, SANBORN MAPS, ENVIRONMENTAL QUESTIONNAIRES, TRANSACTION SCREENING, ANALYTICAL TESTING, ENVIRONMENTAL ASSESSMENTS OR AUDITS. NOTE THAT ANALYTICAL TESTING IS NOT A REQUIRED PART OF DUE DILIGENCE UNLESS VISUAL INSPECTION AND/OR REVIEW OF THE PAST LAND USE OF THE PROPERTY INDICATES THAT THE FILL MAY HAVE BEEN SUBJECTED TO A SPILL OR RELEASE OF REGULATED SUBSTANCE. IF THE FILL MAY HAVE BEEN AFFECTED BY A SPILL OR RELEASE OF A REGULATED SUBSTANCE, IT MUST BE TESTED TO DETERMINE IF IT QUALIFIES AS CLEAN FILL. TESTING SHOULD BE PERFORMED IN ACCORDANCE WITH APPENDIX A OF PA DEP'S POLICY "MANAGEMENT OF FILL".

**ASSURANCE OF DESIGN PERFORMANCE**

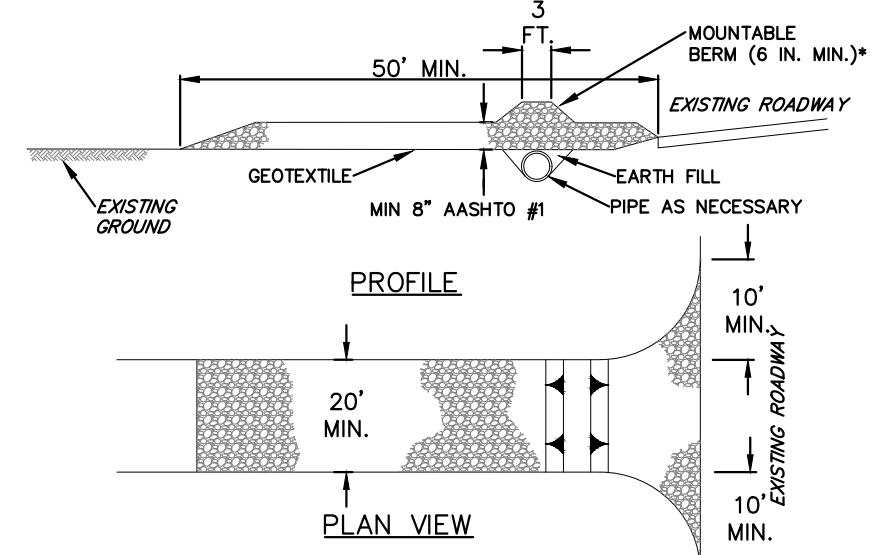
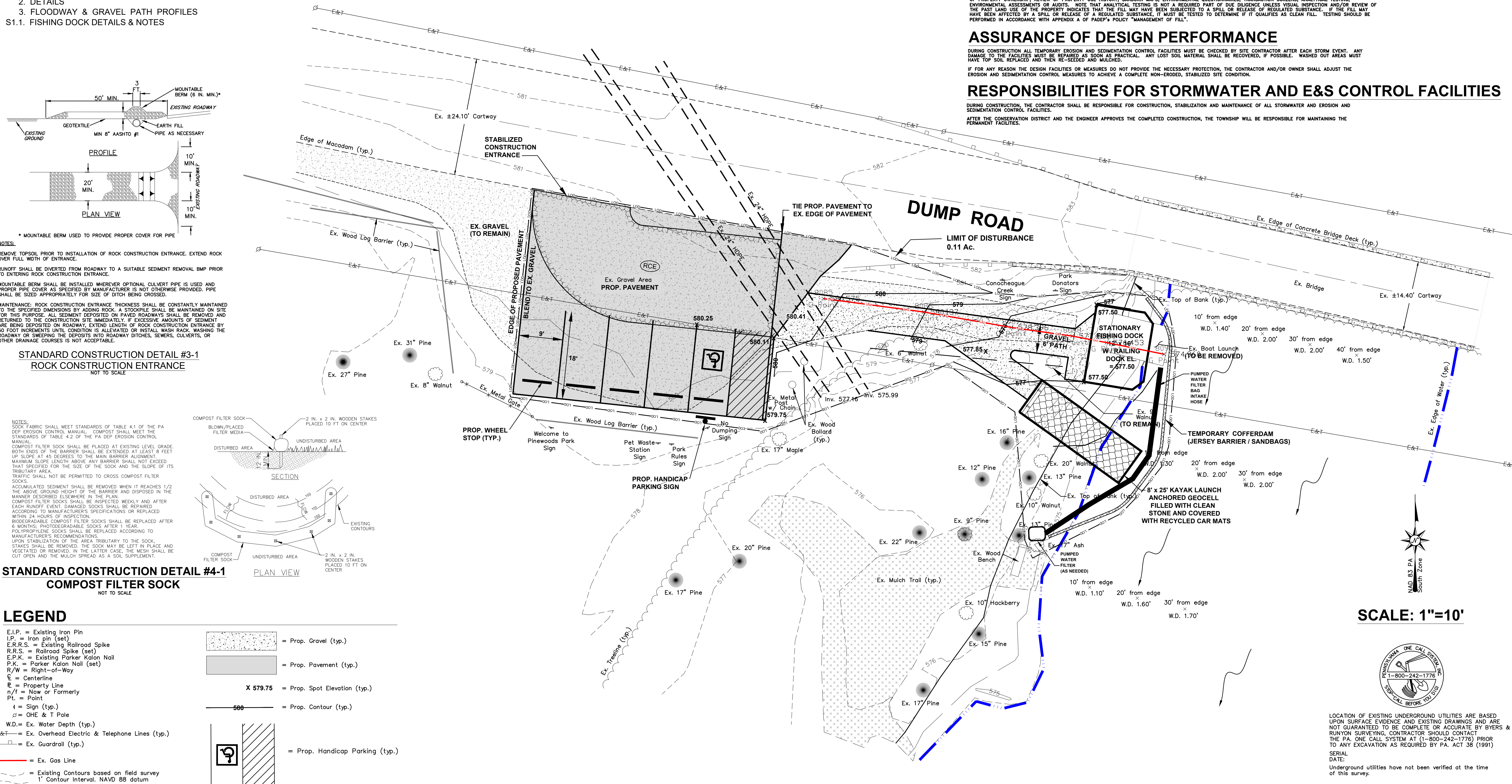
DURING CONSTRUCTION ALL TEMPORARY EROSION AND SEDIMENTATION CONTROL FACILITIES MUST BE CHECKED BY SITE CONTRACTOR AFTER EACH STORM EVENT. ANY DAMAGE TO THE FACILITIES MUST BE REPAIRED AS SOON AS PRACTICAL. ANY LOST SOIL MATERIAL SHALL BE RECOVERED, IF POSSIBLE. WASHED OUT AREAS MUST HAVE TOP SOIL REPLACED AND THEN RE-SEEDED AND MULCHED.

IF FOR ANY REASON THE DESIGN FACILITIES OR MEASURES DO NOT PROVIDE THE NECESSARY PROTECTION, THE CONTRACTOR AND/OR OWNER SHALL ADJUST THE EROSION AND SEDIMENTATION CONTROL MEASURES TO ACHIEVE A COMPLETE NON-EROD, STABILIZED SITE CONDITION.

**RESPONSIBILITIES FOR STORMWATER AND E&S CONTROL FACILITIES**

DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION, STABILIZATION AND MAINTENANCE OF ALL STORMWATER AND EROSION AND SEDIMENTATION CONTROL FACILITIES.

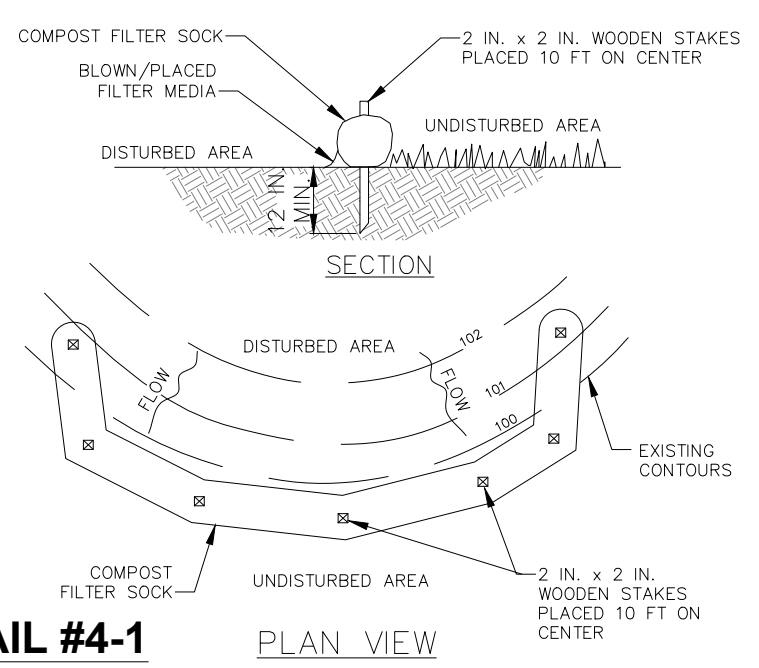
AFTER THE CONSERVATION DISTRICT AND THE ENGINEER APPROVES THE COMPLETED CONSTRUCTION, THE TOWNSHIP WILL BE RESPONSIBLE FOR MAINTAINING THE PERMANENT FACILITIES.



**NOTES:**

- REMOVE TOPSOIL PRIOR TO INSTALLATION OF ROCK CONSTRUCTION ENTRANCE. EXTEND ROCK OVER FULL WIDTH OF ENTRANCE.
- RUNOFF SHALL BE DIVERTED FROM ROADWAY TO A SUITABLE SEDIMENT REMOVAL BMP PRIOR TO ENTERING ROCK CONSTRUCTION ENTRANCE.
- MOUNTABLE BERM SHALL BE INSTALLED WHEREVER OPTIONAL CULVERT PIPE IS USED AND PROPER PIPE COVER AS SPECIFIED BY MANUFACTURER IS NOT OTHERWISE PROVIDED. PIPE SHALL BE SIZED APPROPRIATELY FOR SIZE OF DITCH BEING CROSSED.
- MAINTENANCE: ROCK CONSTRUCTION ENTRANCE THICKNESS SHALL BE CONSTANTLY MAINTAINED TO THE SPECIFIED DIMENSIONS BY ADDING ROCK. A STOCKPILE SHALL BE MAINTAINED ON SITE FOR THIS PURPOSE. ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE REMOVED AND RETURNED TO THE CONSTRUCTION SITE IMMEDIATELY. IF EXCESSIVE AMOUNTS OF SEDIMENT ARE BEING DEPOSITED ON ROADWAY, EXTEND LENGTH OF ROCK CONSTRUCTION ENTRANCE BY 50 FOOT INCREMENTS UNTIL CONDITION IS ALLEVIATED OR INSTALL WASH RACK, WASHING THE ROADWAY OR SWEEPING THE DEPOSITS INTO ROADWAY DITCHES, SEWERS, CULVERTS, OR OTHER DRAINAGE COURSES IS NOT ACCEPTABLE.

**STANDARD CONSTRUCTION DETAIL #3-1**  
ROCK CONSTRUCTION ENTRANCE  
NOT TO SCALE



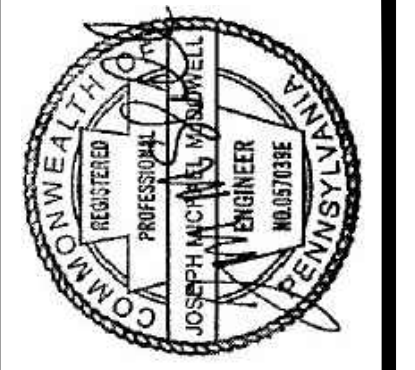
**NOTES:**

- SOCK FABRIC SHALL MEET STANDARDS OF TABLE 4.1 OF THE PA DEP EROSION CONTROL MANUAL. COMPOST SHALL MEET THE STANDARDS OF TABLE 4.2 OF THE PA DEP EROSION CONTROL MANUAL.
- COMPOST FILTER SOCK SHALL BE PLACED AT EXISTING LEVEL GRADE. BOTH ENDS OF THE BARRIER SHALL BE EXTENDED AT LEAST 8 FEET UP SLOPE AT 45 DEGREES TO THE MAIN BARRIER ALIGNMENT. MAXIMUM SLOPE LENGTH ABOVE ANY BARRIER SHALL NOT EXCEED THAT SPECIFIED FOR THE SIZE OF THE SOCK AND THE SLOPE OF ITS TRIBUTARY AREA.
- TRAFFIC SHALL NOT BE PERMITTED TO CROSS COMPOST FILTER SOCKS.
- ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES 1/2 THE ABOVE-GROUND HEIGHT OF THE BARRIER AND DISPOSED IN THE MANNER DESCRIBED ELSEWHERE IN THE PLAN.
- COMPOST FILTER SOCKS SHALL BE INSPECTED WEEKLY AND AFTER EACH RAINFALL EVENT. DAMAGED SOCKS SHALL BE REPAIRED ACCORDING TO MANUFACTURER'S SPECIFICATIONS OR REPLACED WITHIN 24 HOURS OF INSPECTION.
- BIODEGRADABLE COMPOST FILTER SOCKS SHALL BE REPLACED AFTER 6 MONTHS. PHOTODEGRADABLE SOCKS AFTER 1 YEAR.
- NON-BIODEGRADABLE SOCKS SHALL BE REPLACED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- UPON STABILIZATION OF THE AREA TRIBUTARY TO THE SOCK, STAKES SHALL BE REMOVED. THE SOCK MAY BE LEFT IN PLACE AND VEGETATED OR REMOVED. IN THE LATTER CASE, THE MESH SHALL BE CUT OPEN AND THE MULCH SPREAD AS A SOIL SUPPLEMENT.

**STANDARD CONSTRUCTION DETAIL #4-1**  
COMPOST FILTER SOCK  
NOT TO SCALE

**LEGEND**

- E.I.P. = Existing Iron Pin
- I.P. = Iron pin (set)
- E.R.R.S. = Existing Railroad Spike
- R.R.S. = Railroad Spike (set)
- E.P.K. = Existing Parker Kalon Nail
- P.K. = Parker Kalon Nail (set)
- R/W = Right-of-Way
- C = Centerline
- E = Property Line
- n/f = Now or Formerly
- Pl. = Point
- σ = Sign (typ.)
- ± = OHE & T Pole
- W.D. = Ex. Water Depth (typ.)
- E&T= Ex. Overhead Electric & Telephone Lines (typ.)
- = Ex. Guardrail (typ.)
- - - = Ex. Gas Line
- - - = Existing Contours based on field survey
- - - = 1' Contour Interval. NAVD 88 datum
- [Pattern] = Prop. Gravel (typ.)
- [Pattern] = Prop. Pavement (typ.)
- X 579.75 = Prop. Spot Elevation (typ.)
- [Line] = Prop. Contour (typ.)
- [Pattern] = Prop. Handicap Parking (typ.)



NO.	REVISION	DATE
1	AS PER PA DEP LETTER	08/13/24
2	AS PER FCCD COMMENTS	02/20/25
3	ADDED GAS LINE	03/11/25

FRANKLIN COUNTY  
CHAMBERSBURG

**SITE PLAN & E&S PLAN**

**- CHAMBERSBURG BOROUGH -**  
**- FISHING DOCK & KAYAK LAUNCH -**  
PENNSYLVANIA

**MMI** martin and martin incorporated  
37 south main street - suite A  
chambersburg, pennsylvania . 17201  
phone: (717) 264-6759

PROJ. NO: 1816  
DWN. BY: DB  
CHK. BY: JM

SCALE: 1" = 10'  
0' 5' 10'

CADD FILE: 1816-01.dwg

DATE: 06/17/24

SCALE: 1"=10'

DRAWING NO. 1 of 4

**SCALE: 1"=10'**

LOCATION OF EXISTING UNDERGROUND UTILITIES ARE BASED UPON SURFACE EVIDENCE AND EXISTING DRAWINGS AND ARE NOT GUARANTEED TO BE COMPLETE OR ACCURATE BY BYERS & RUNYON SURVEYING. CONTRACTOR SHOULD CONTACT THE PA ONE CALL SYSTEM AT (1-800-242-1776) PRIOR TO ANY EXCAVATION AS REQUIRED BY PA. ACT 38 (1991)

SERIAL DATE:  
Underground utilities have not been verified at the time of this survey.

**PERMANENT SEEDING SPECIFICATIONS**

SPECIES TYPE 1 LAWN MIX	% MIX	% PURITY	% GERMINATION
KENTUCKY BLUEGRASS (FOA PRATENSIS)	40	85	75
(2 VARIETIES - 50/50 RATIO)			
PENNLAWN CREEPING RED FESCUE (FESTUCA RUBRA "PENNLAWN")	40	98	85
PENNFINE PERENNIAL RYEGRASS (LOLIUM PERENNE "PENNLAWN")	20	95	85

APPLY PERMANENT SEEDING AT A RATE OF 3-4 LBS PER 1000 SQUARE FEET.

**MEADOW MIX (FOR USE IN INFILTRATION BERMS):**

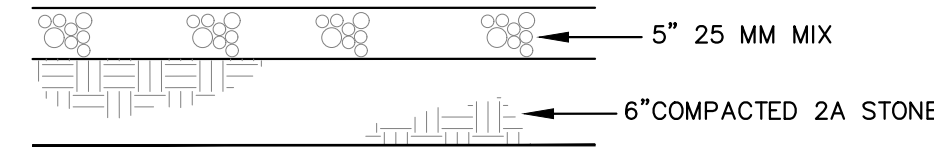
TALL FESCUE	95	95	80
RED TOP *	5	92	80

APPLY PERMANENT SEEDING AT A RATE OF 2 LBS PER 1000 SQUARE FEET.

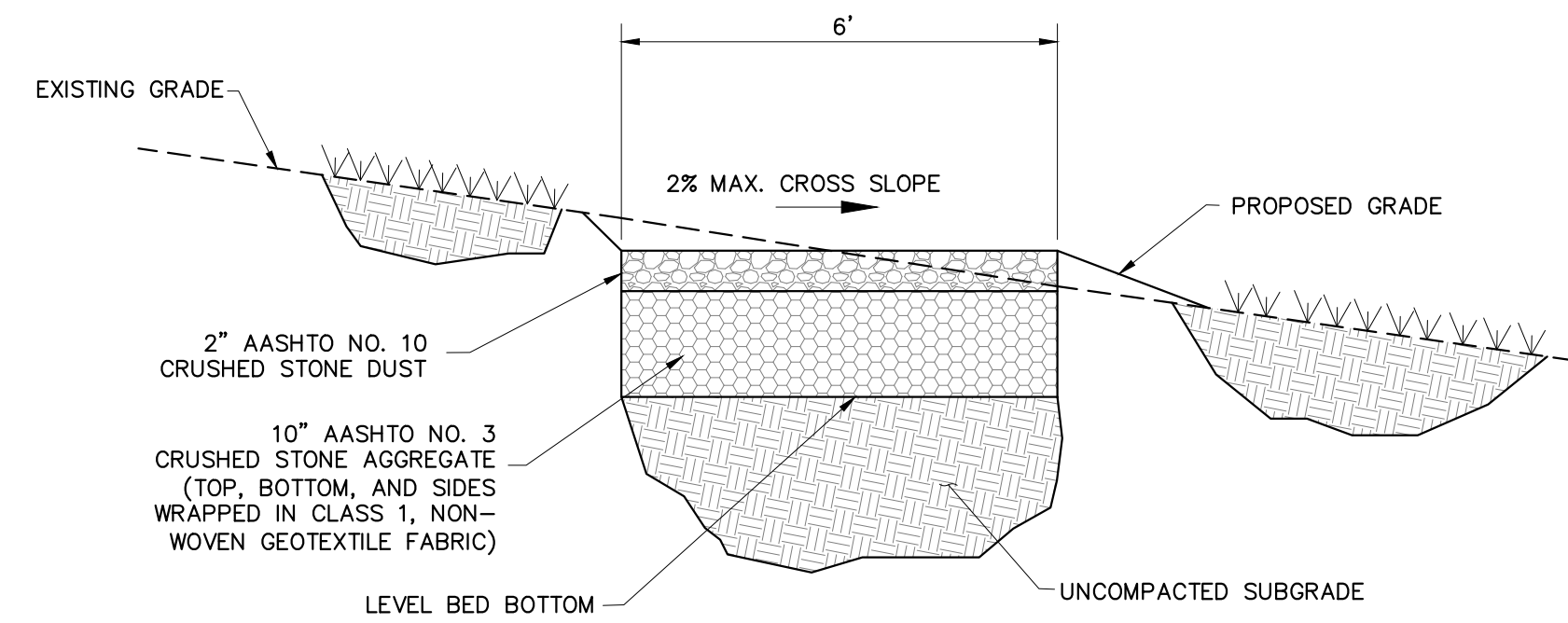
\*DO NOT EXCEED 5% OF SEED MIX WITH RED TOP. THIS SPECIES WILL OVERCROWD THE TALL FESCUE.

ALL DISTURBED AREAS REQUIRING FINAL STABILIZATION MUST BE ADDRESSED IMMEDIATELY.

RECOMMENDED SEEDING DATES: MARCH 15 - JUNE 15 AND/OR AUGUST 15 - OCTOBER 15. AREAS TO BE STABILIZED MUST BE SEEDING/PLANTED IN SUFFICIENT TIME TO GERMINATE BY OCTOBER 15 OF EACH YEAR. AFTER SEEDING IS COMPLETE, MULCH THE SEEDING AREAS WITH UNROTTED SMALL GRAIN STRAW OR SALT HAY AT A RATE OF 3 TONS PER ACRE. PERMANENT SEEDING SHALL ONLY OCCUR DURING THE DATES LISTED ABOVE. IF AREAS ARE PREPARED FOR SEEDING AT OTHER TIMES, THEN THE PREPARED SEEDBED SHALL BE HEAVILY MULCHED WITH CLEAN UNROTTED SMALL GRAIN STRAW OR SALT HAY AT A RATE OF 3 TONS PER ACRE. THE MULCH SHALL REMAIN IN PLACE UNTIL SEEDING DATES ARE APPROPRIATE. THE MULCH SHALL BE REMOVED, THE AREA SHALL BE DRESSED, SEEDING, AND REMULCHED AS DESCRIBED ABOVE.

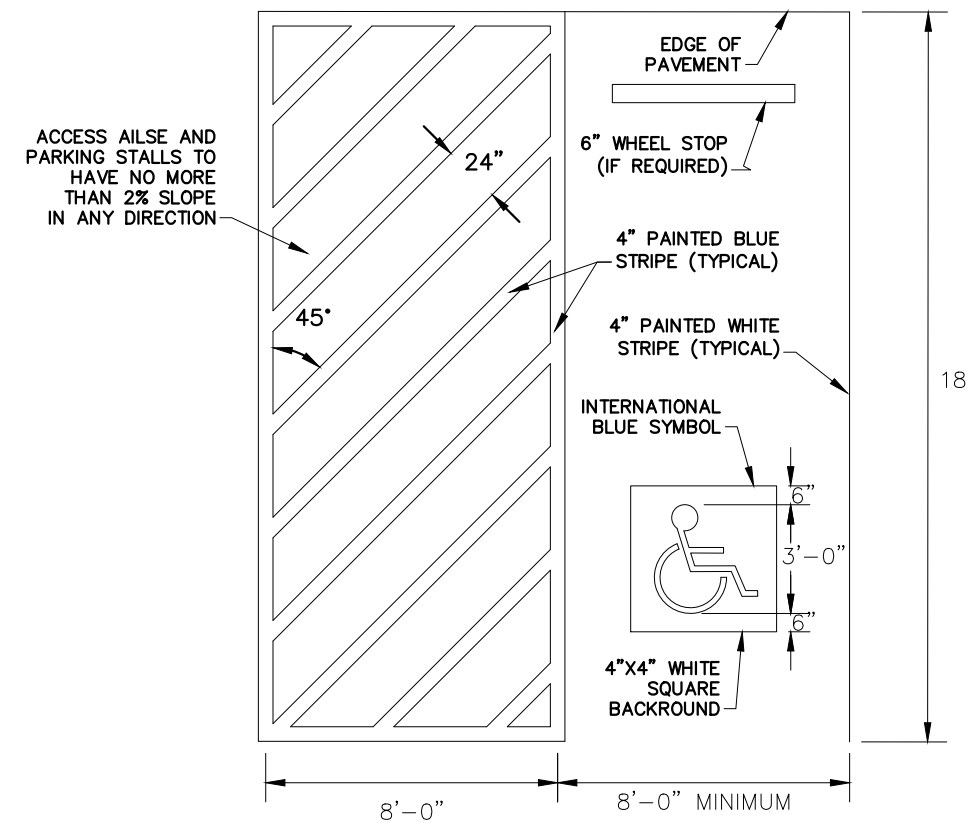


**TYPICAL PARKING LOT PAVEMENT SECTION**  
N.T.S.



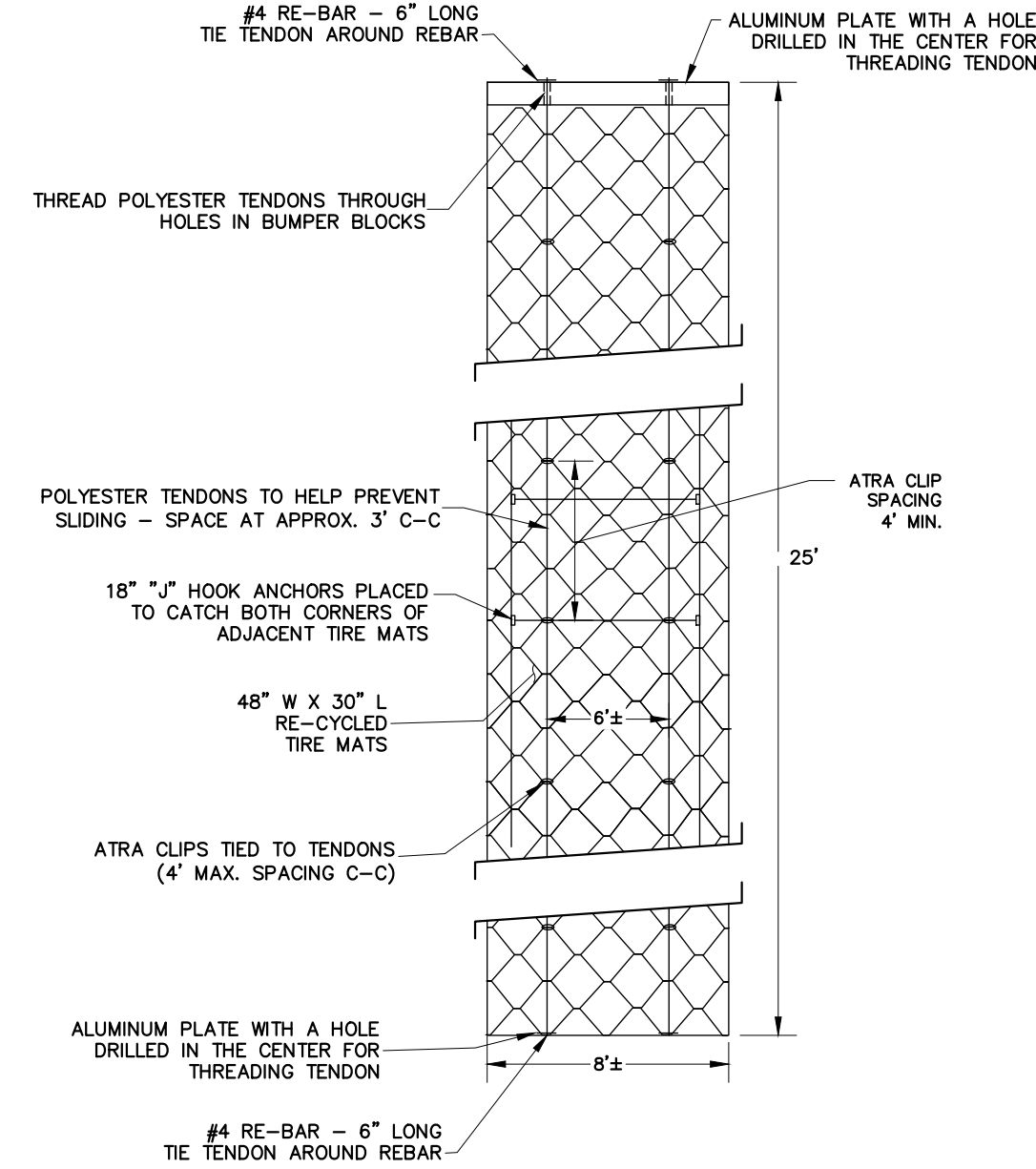
1. MAINTAIN POSITIVE DRAINAGE TO AVOID PONDING ON OR ADJACENT TO PATH

**TYPICAL GRAVEL TRAIL**  
N.T.S.

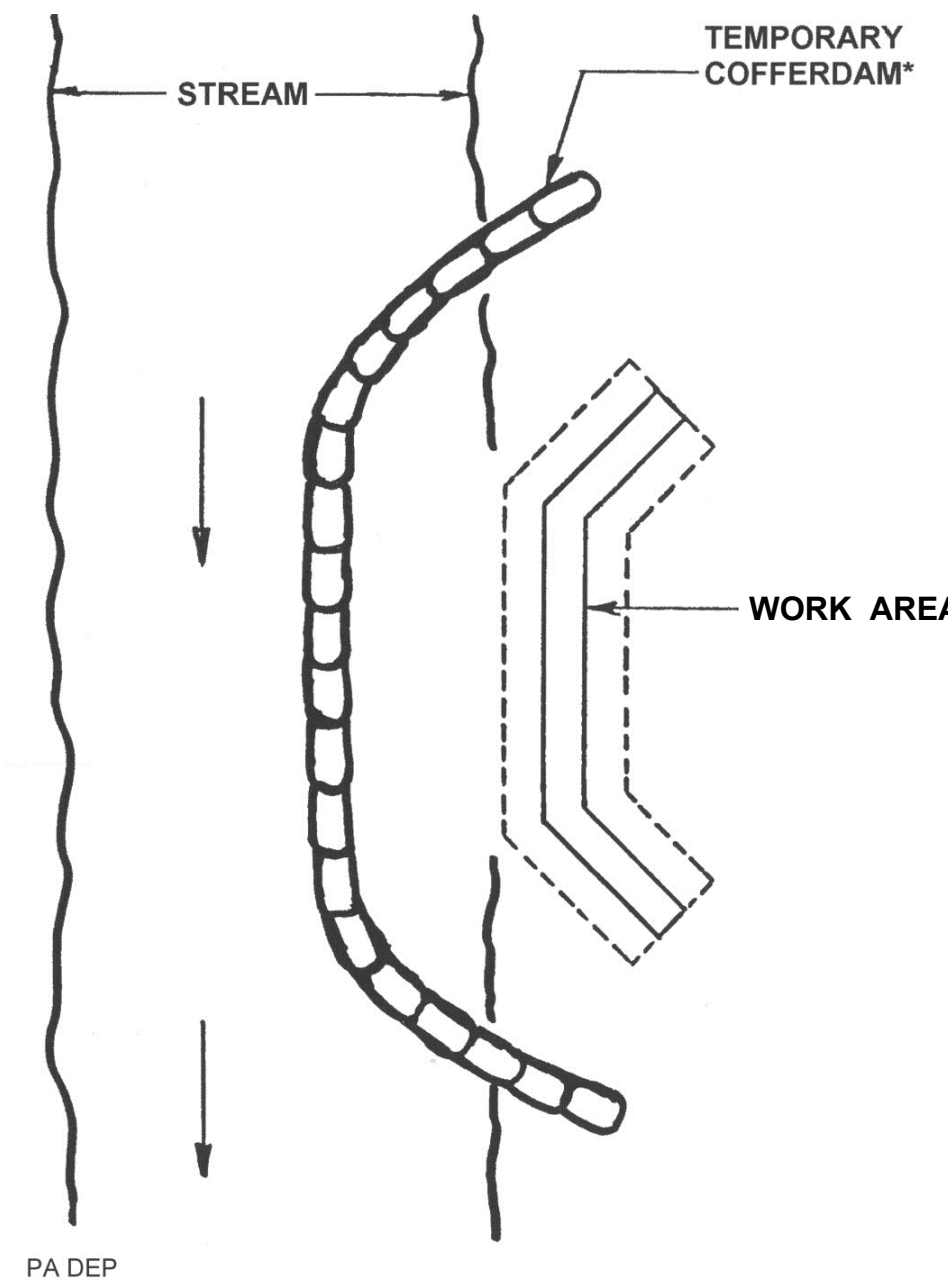


NOTE:  
1. STRIPING AND CONSTRUCTION SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES AND SPECIFICATIONS.

**HANDICAPPED PARKING DETAIL**  
N.T.S.

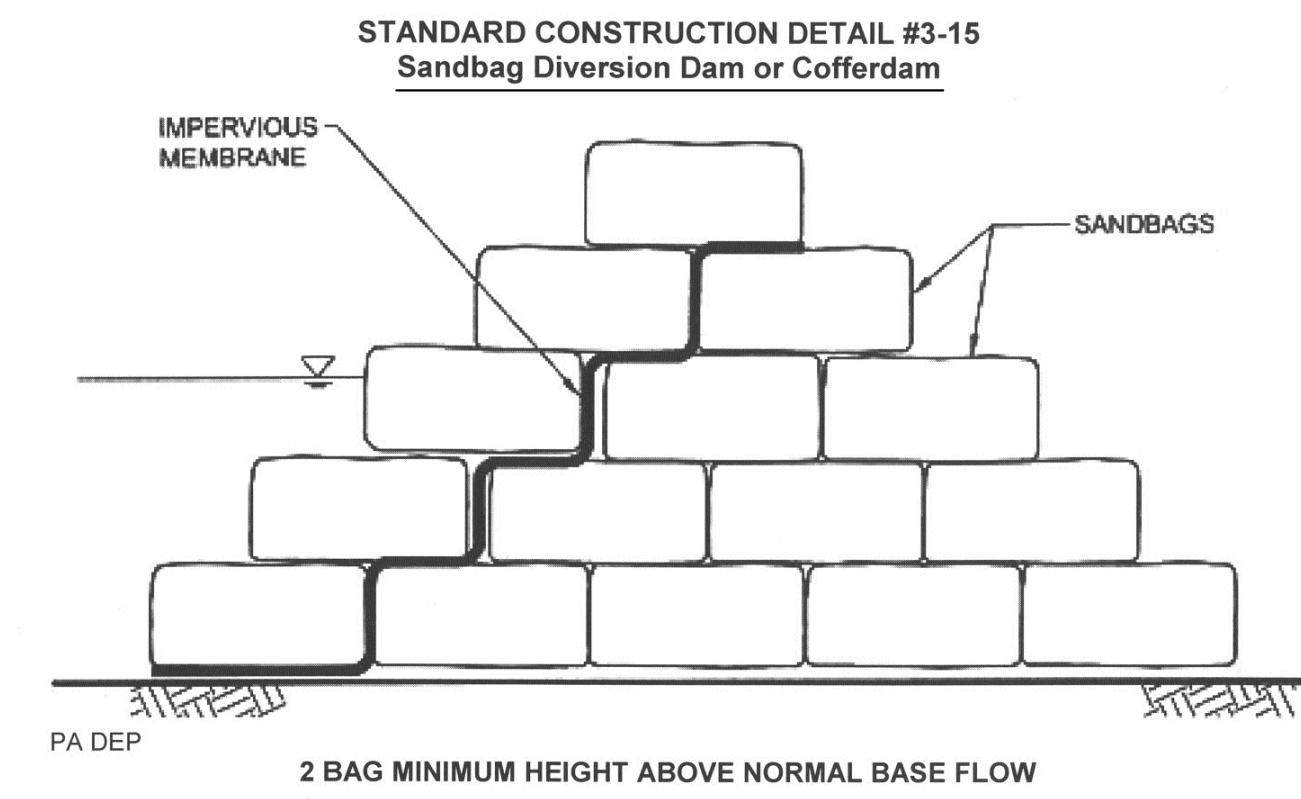


**KAYAK LAUNCH RAMP**  
N.T.S.

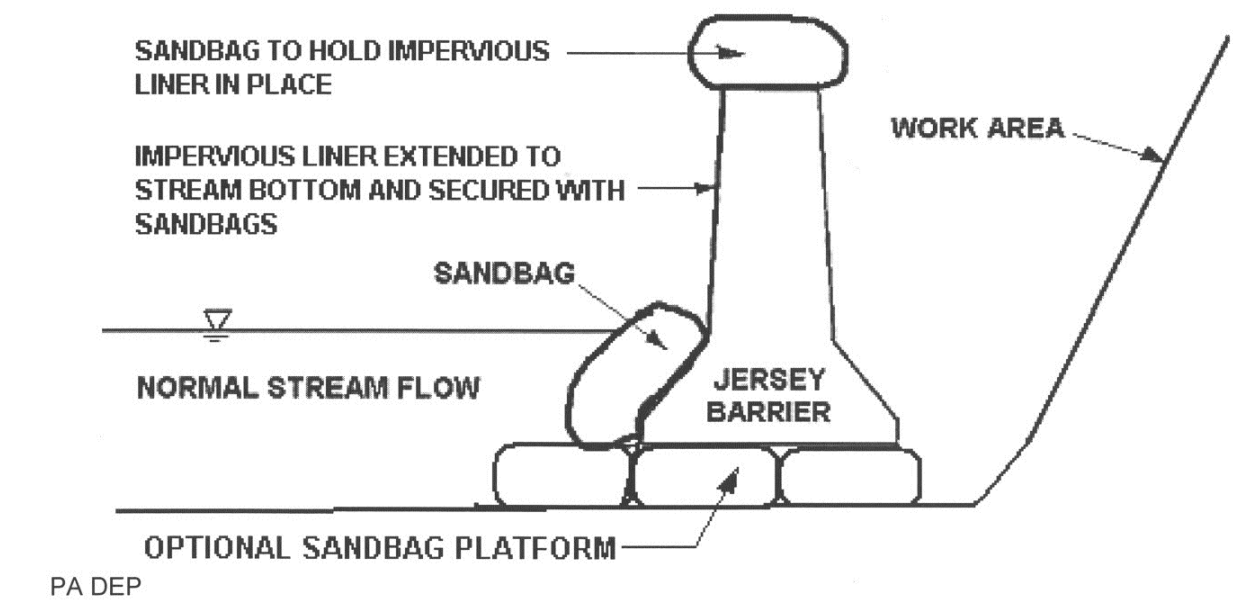


\* Sandbags (Standard Construction Detail #3-15), Jersey barriers (Figure 3.13) or other non-erosive material, no earth fill.

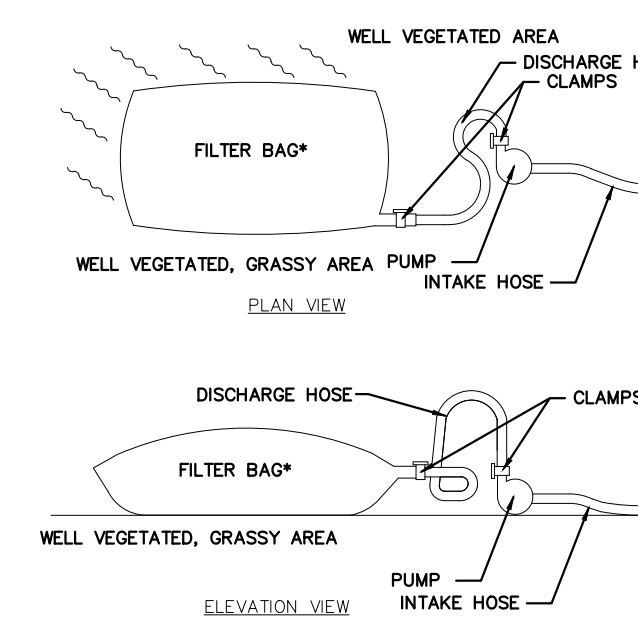
**IN-STREAM COFFERDAM DIVERSION DETAIL**  
N.T.S.



**FIGURE 3.13 Jersey Barrier Cofferdam - End View**



**STANDARD CONSTRUCTION DETAIL #26 PUMPED WATER FILTER BAG**



FILTER BAGS MAY BE USED TO FILTER WATER PUMPED FROM DISTURBED AREAS PRIOR TO DISCHARGING TO WATERS OF THE COMMONWEALTH. THEY MAY ALSO BE USED TO FILTER WATER PUMPED FROM THE SEDIMENT STORAGE AREAS OF SEDIMENT BASINS.

FILTER BAGS SHOULD BE INSTALLED ACCORDING TO THE DETAILS SHOWN IN STANDARD CONSTRUCTION DETAIL #26.

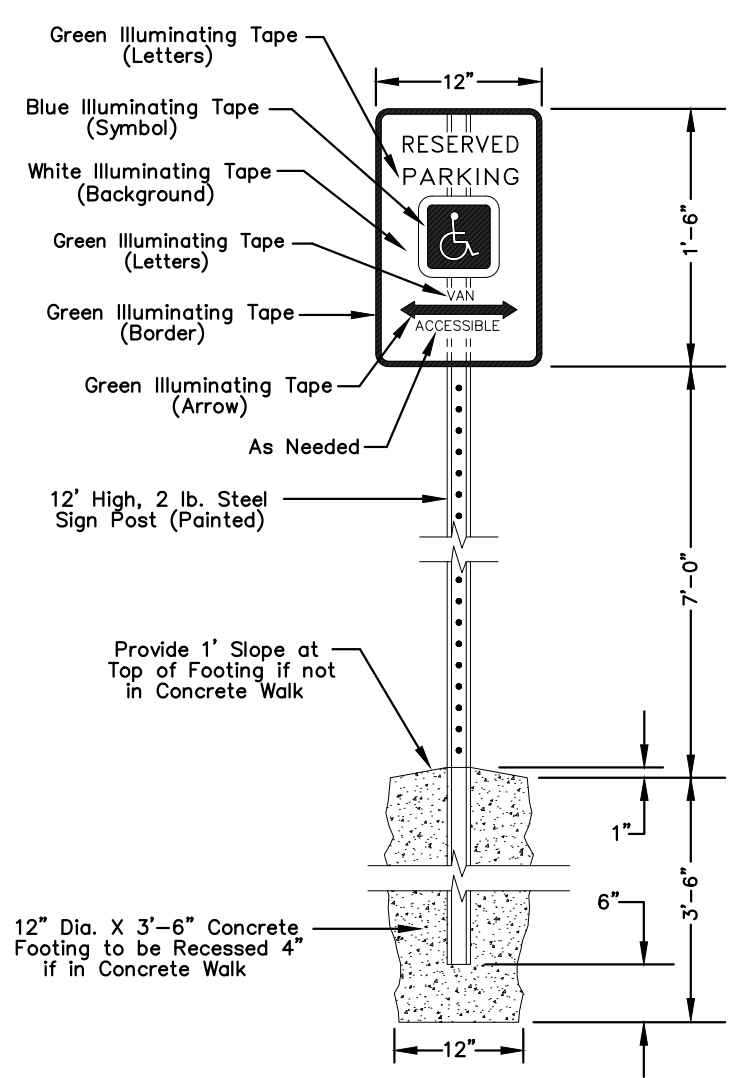
FILTER BAGS SHALL BE MADE FROM NON-WOVEN GEOTEXTILE MATERIAL SEWN WITH HIGH STRENGTH, DOUBLE STITCHED "J" TYPE SEAMS. THEY SHALL BE CAPABLE OF TRAPPING PARTICLES LARGER THAN 150 MICRONS.

A SUITABLE MEANS OF ACCESSING THE BAG WITH MACHINERY REQUIRED FOR DISPOSAL PURPOSES MUST BE PROVIDED. FILTER BAGS SHALL BE REPLACED WHEN THEY BECOME 1/2 FULL. SPARE BAGS SHALL BE KEPT AVAILABLE FOR REPLACEMENT OF THOSE THAT HAVE FAILED OR ARE FILLED.

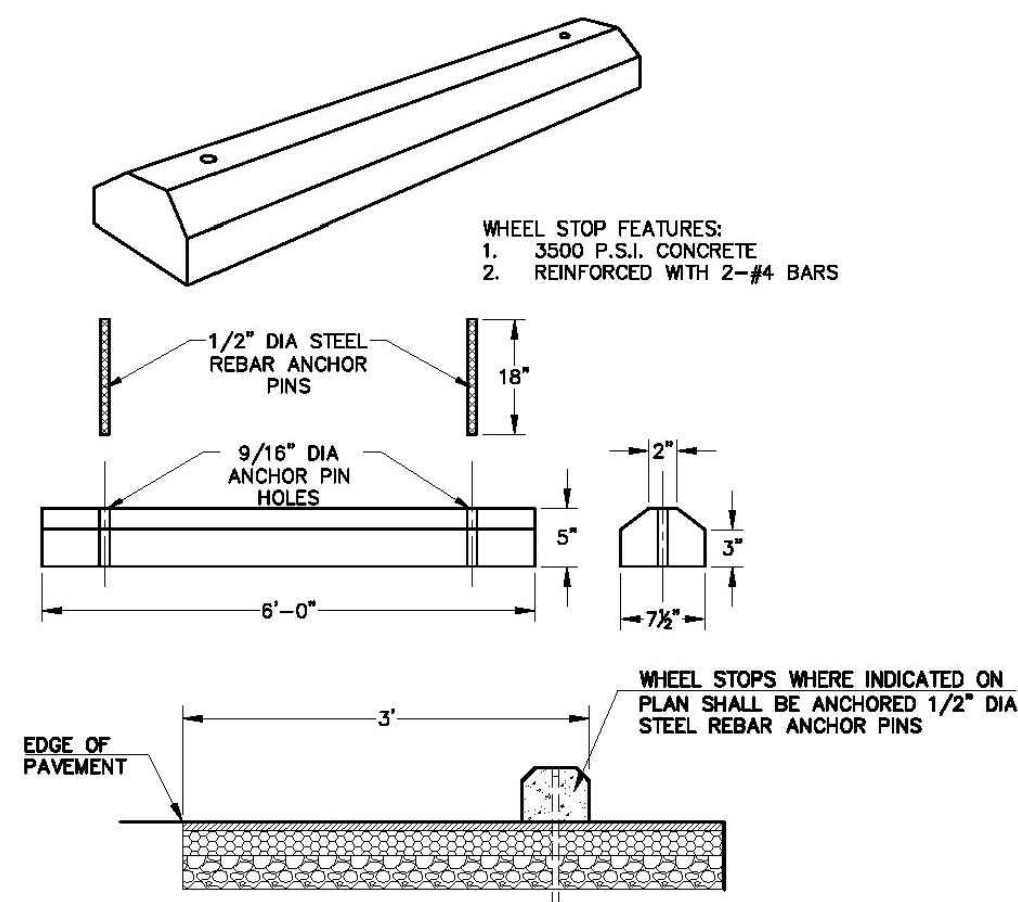
BAGS SHALL BE LOCATED IN WELL-VEGETATED (GRASSY) AREA, AND DISCHARGED ONTO STABLE, EROSION RESISTANT AREAS. WHERE THIS IS NOT POSSIBLE, A GEOTEXTILE FLOW PATH SHALL BE PROVIDED. BAGS SHALL NOT BE PLACED ON SLOPES GREATER THAN 5%.

THE PUMP DISCHARGE HOSE SHALL BE INSERTED INTO THE BAGS IN THE MANNER SPECIFIED BY THE MANUFACTURER AND SECURELY CLAMPED.

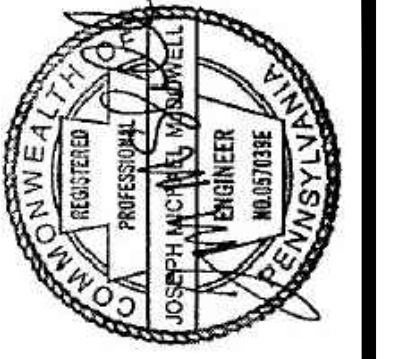
THE PUMPING RATE SHALL BE NO GREATER THAN 250 GPM OR 1/2 THE MAXIMUM SPECIFIED BY THE MANUFACTURER, WHICHEVER IS LESS. PUMP INTAKES SHOULD BE FLOATING AND SCREENED.



**HANDICAP PARKING SIGN DETAIL**  
N.T.S.



**WHEEL STOP**  
N.T.S.

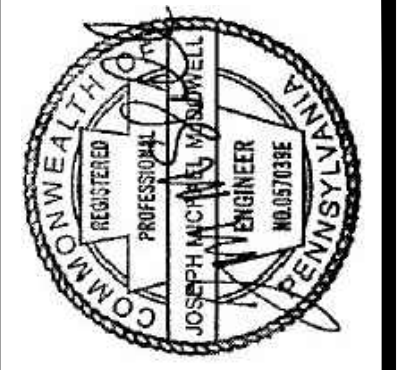


NO.	REVISION	DATE
1	REV. PER BOROUGH COMMENTS	2/14/2025
2	AS PER FCCD COMMENTS	02/20/25

FRANKLIN COUNTY  
CHAMBERSBURG  
**DETAILS**  
- CHAMBERSBURG BOROUGH -  
- FISHING DOCK & KAYAK LAUNCH -  
PENNSYLVANIA

martin and martin incorporated  
37 south main street • suite A  
chambersburg, pennsylvania • 17201  
phone: (717) 264-6759  
PROJ. NO. 1816  
DWN. BY: DB  
CHK. BY: JM  
SCALE: AS NOTED

CADD FILE: 1816-02.dwg  
DATE: 06/17/24  
SCALE: AS NOTED  
DRAWING NO. 2 of 4



NO.	REVISION	DATE
1	AS PER FCCD COMMENTS	02/20/25
2	ADDED GAS LINE	03/11/25

FRANKLIN COUNTY  
**FLOODWAY & GRAVEL PATH PROFILES**  
 - CHAMBERSBURG BOROUGH -  
 - FISHING DOCK & KAYAK LAUNCH -  
 PENNSYLVANIA

**MMI** martin and martin incorporated  
 37 south main street • suite A  
 chambersburg, pennsylvania • 17201  
 phone: (717) 264-6759

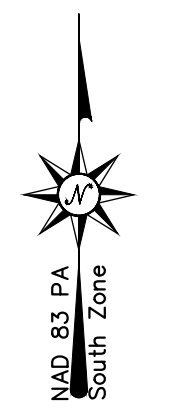
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 DWN. BY: DB  
 USN. BY: JM  
 CHK. BY: JM

SCALE: AS SHOWN

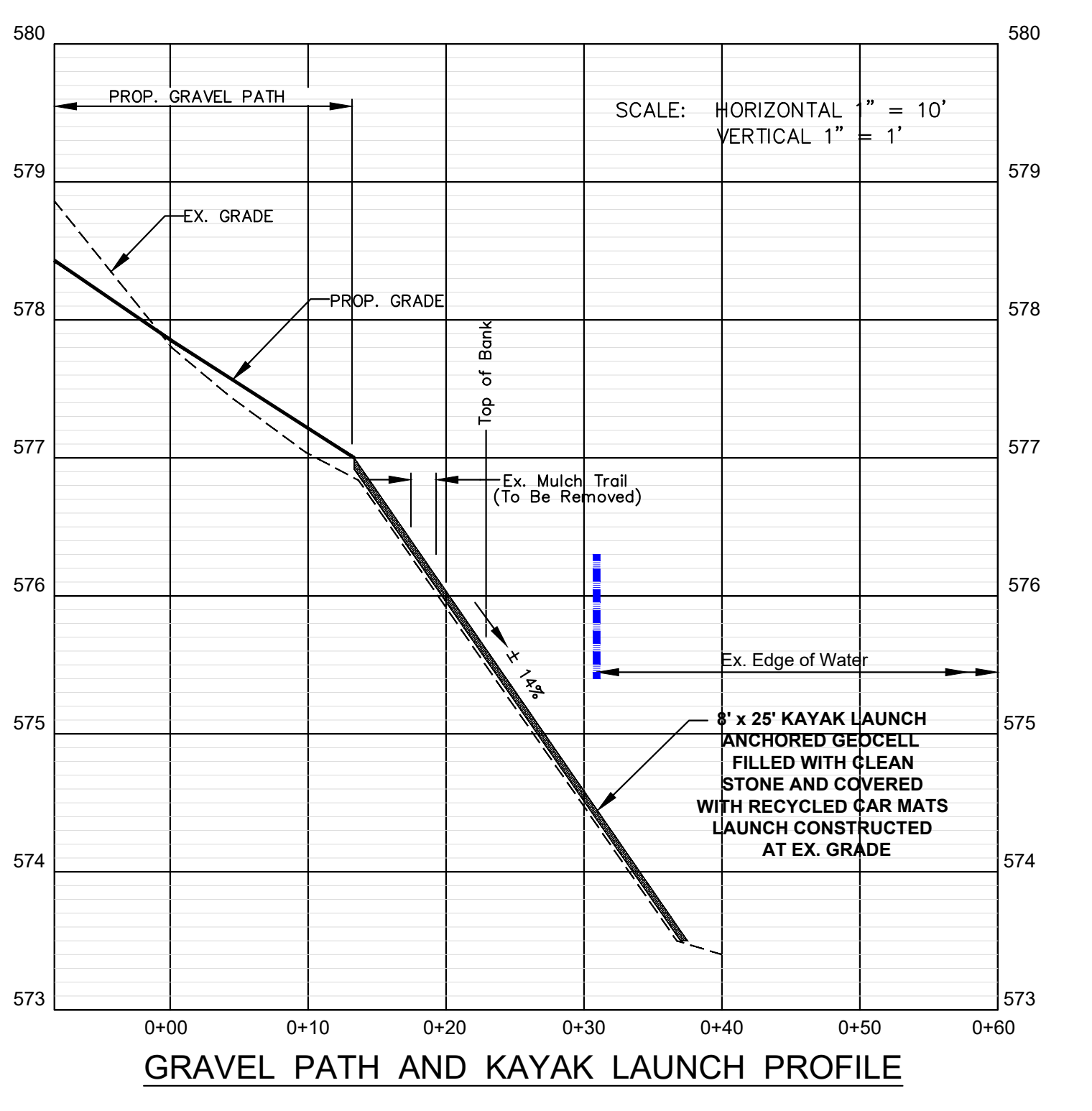
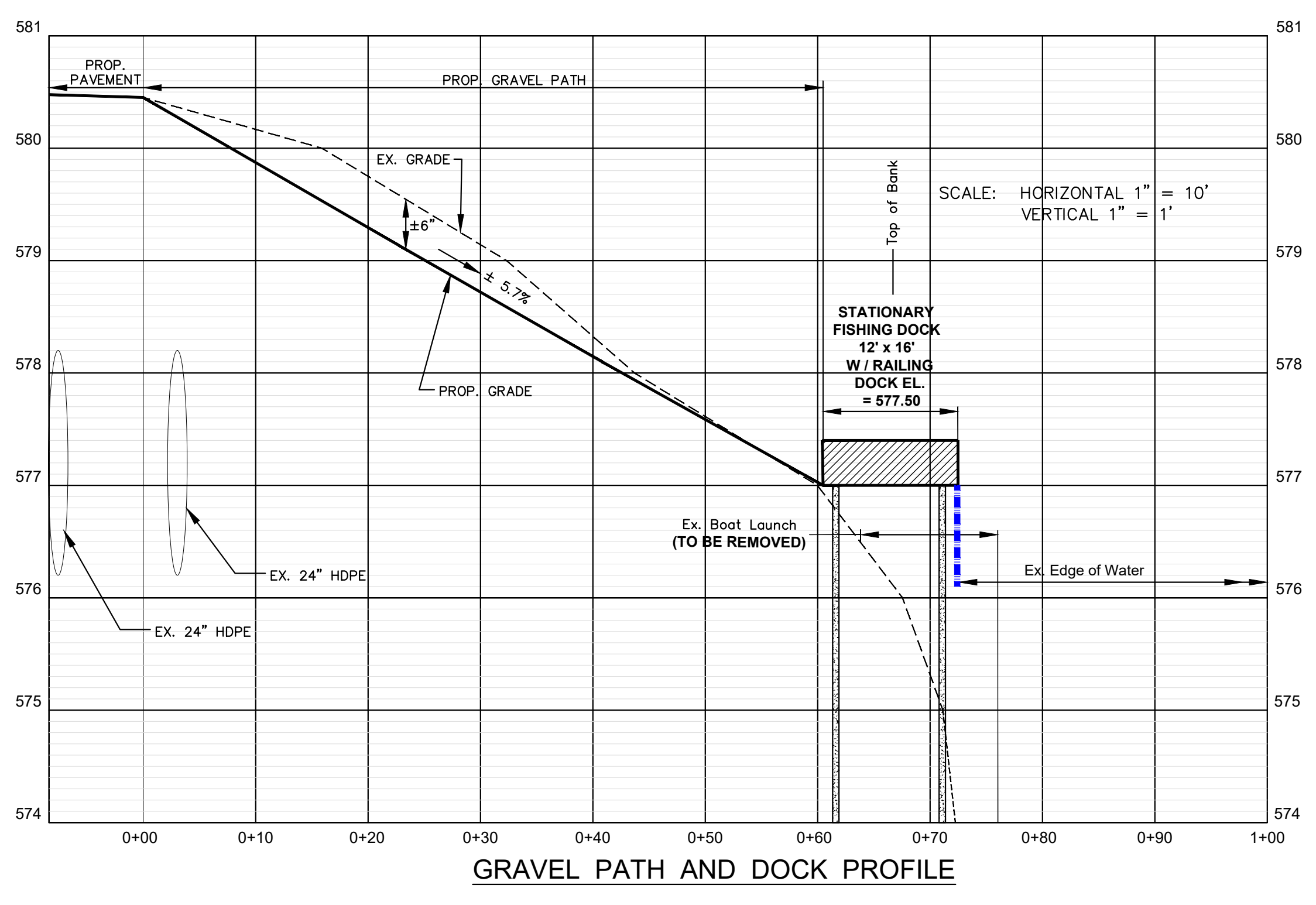
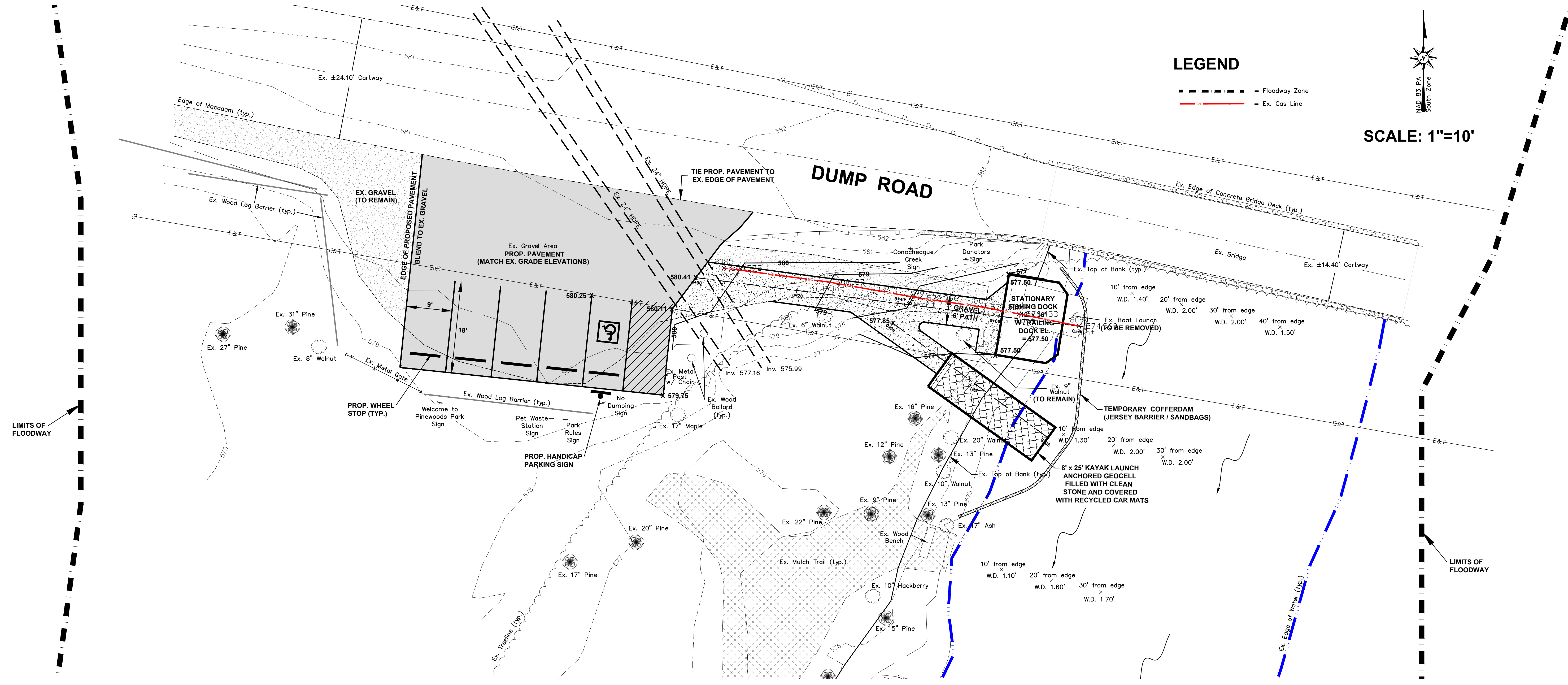
CADD FILE: 1816-03.dwg  
 DATE: 08/13/24  
 SCALE: AS SHOWN  
 DRAWING NO. 3 of 4

**LEGEND**

- Floodway Zone
- Ex. Gas Line



SCALE: 1"=10'



**DESIGN CRITERIA**

- GOVERNING CODES:  
INTERNATIONAL BUILDING CODE, 2018  
ASCE 7 - 2018
- DESIGN LIVE LOADS: 100 PSF

**FOUNDATION PLAN NOTES**

- COORDINATE ALL DIMENSIONS AND DETAILS WITH THE DRAWINGS AND DETAILS.
- ALL FOOTING ELEVATIONS ARE INDICATED ON THE PLANS AND ARE GIVEN AS A DISTANCE RELATIVE TO THE TOP OR BOTTOM OF THE REFERENCE ELEVATION.
- ENGINEER TO EXAMINE FOUNDATION SUBGRADES IN THE FIELD. PROOF-ROLL THE EXPOSED SUBGRADE. OVER-EXCAVATE AND RE-FILL ALL EXPOSED SOFT AREAS OR OTHER IRREGULARITIES ENCOUNTERED AS DIRECTED BY THE ENGINEER.
- ALL STRUCTURAL FILL MATERIAL TO BE APPROVED BY ENGINEER.
- COMPACT ALL FILL AND BACKFILL PLACED IN STRUCTURAL AREAS OF THE BUILDING, INCLUDING THE AGGREGATE CHIGIONS UNDER FOOTINGS AND FLOOR SLABS, USING LOOSE 8" THICK LIFTS, TO AT LEAST 100% OF THE MAXIMUM DRY DENSITY AT WITHIN PLUS OR MINUS 3% OF THE OPTIMUM MOISTURE CONTENT AS DETERMINED BY THE STANDARD COMPACTION TEST, ASTM D 698.
- WHERE BEDROCK IS ENCOUNTERED AT THE FOOTING OR SLAB SUBGRADE LEVELS, REMOVE AND UNDERCUT GRADE A MINIMUM OF 12" BELOW FOOTINGS AND 12" BELOW SLABS. BACKFILL UNDERCUT AREAS WITH A CUSHION LAYER OF CRUSHED AGGREGATE, PLACED AND COMPACTED AS SPECIFIED. MANUALLY PROBE ALL FOOTING SUBGRADES TO ENSURE THAT NO BEDROCK IS PRESENT WITHIN 12" OF THE PROPOSED BASE LEVELS. IF BEDROCK IS PRESENT WITHIN THIS DEPTH, FOLLOW THE PROCEDURE DEFINED ABOVE.
- FOUNDATION DESIGN IS BASED ON A NET ALLOWABLE BEARING CAPACITY OF 2000 PSF.
- (\* ) DESIGNATES DIMENSIONS TO BE VERIFIED IN THE FIELD BY GENERAL CONTRACTOR.

**CONCRETE NOTES**

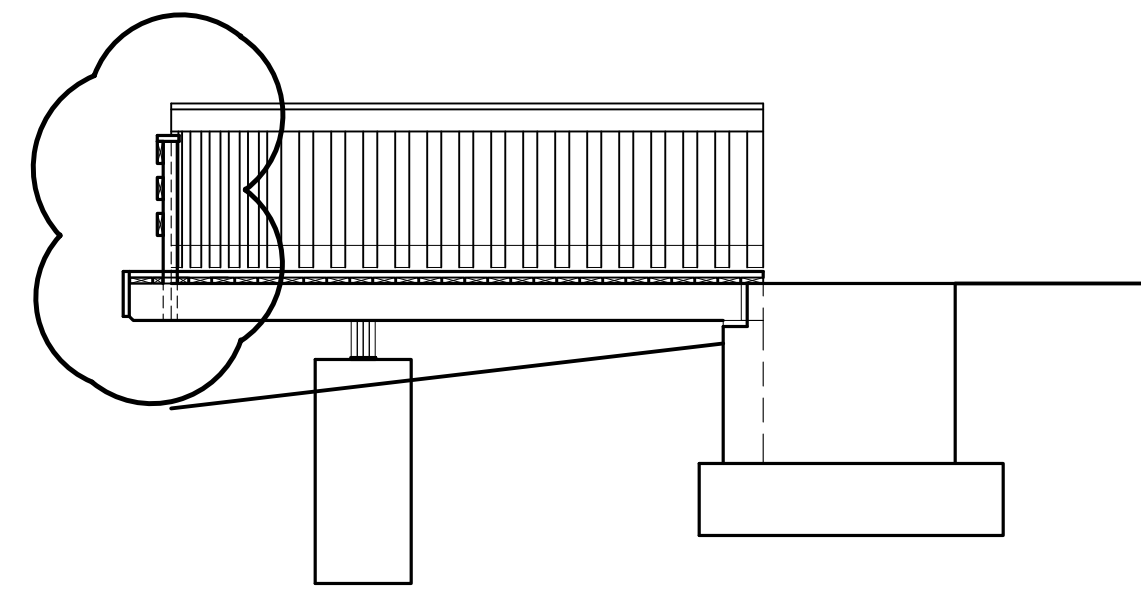
- ALL CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF ACI 301 SPECIFICATIONS FOR STRUCTURAL CONCRETE BUILDINGS, EXCEPT AS MODIFIED BY THE FOLLOWING SUPPLEMENTAL REQUIREMENTS.
- ALL CONCRETE SHALL HAVE THE FOLLOWING 28 DAY COMPRESSIVE STRENGTHS:
  - ALL CONCRETE FOR FOUNDATIONS SHALL BE NORMAL WEIGHT WITH A COMPRESSIVE STRENGTH OF FC = 4000PSI.
  - ALL EXTERIOR CONCRETE FOR WALLS AND PIERS SHALL BE NORMAL WEIGHT WITH A COMPRESSIVE STRENGTH OF FC = 5000 PSI.
  - A CONCRETE ADDITIVE SUCH AS A SUPER PLASTISIZER MAY BE NORMAL WEIGHT WITH A COMPRESSIVE STRENGTH OF FC = 5000 PSI.
- ALL REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A615, GRADE 60.
- MINIMUM CONCRETE PROTECTION FOR REINFORCING (EXCEPT AS OTHERWISE NOTED) SHALL CONFORM TO THE PROVISIONS OF ACI 301.
- SPLICING OF REINFORCEMENT, EXCEPT AS SHOWN IN THE DRAWINGS, IS NOT PERMITTED UNLESS SPECIFICALLY APPROVED BY THE ENGINEER. UNLESS OTHERWISE SHOWN IN THE DRAWINGS, THE TYPICAL SPLICE LENGTHS SHALL BE AS FOLLOWS:  
#4 L = 20" #5 L = 25" #6 L = 31" #7 L = 34"
- DETAILING OF ALL REINFORCING STEEL SHALL CONFORM TO "ACI MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES" (ACI318).
- PROVIDE CORNER REINFORCING WITH REQUIRED LAP SPLICE LENGTHS AT ALL CORNERS AND INTERSECTIONS OF FOOTINGS AND WALLS.

**EXCAVATION + GRADING NOTES**

- ALL CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER SO THAT EROSION AND AIR AND WATER POLLUTION WILL BE MINIMIZED. DISTURBING OF THE NATURAL VEGETATION ALONG THE STREAM TO BE MINIMIZED. THE WORK AREA SHALL BE LIMITED TO THE IMMEDIATE AREA ADJACENT TO THE BRIDGE.
- EXCAVATED MATERIAL SHALL BE PLACED, WHEN PRACTICAL, ON THE UP-SLOPE SIDE OF THE EXCAVATION TO RETARD THE EROSION OF SOIL. BACKFILL MATERIAL SHALL BE COMPACTED IN ACCORDANCE WITH SPECIFICATIONS AND DISTURBED SURFACES RETURNED TO ORIGINAL GRADE. ALL VEGETATION SHALL BE RE-ESTABLISHED. CARE MUST BE TAKEN ON ANY SLOPED AREAS TO DIVERT RUNOFF BY USING STRAW BALES OR OTHER SUITABLE MEANS.
- UPON COMPLETION OF THE CONSTRUCTION, ALL BANKS, STREAM BED AND DISTURBED AREAS SHALL BE RETURNED TO ITS ORIGINAL CONDITION. ALL DISTURBED AREAS SHALL BE PROTECTED AGAINST SOIL EROSION BY SEEDING AND MULCHING.
- SANDBAGS SHALL BE USED TO TEMPORARILY DIVERT STREAM WITH A MINIMUM 10 MIL POLY SHEETING COVER. TEMPORARY DIVERTING SHALL BE PUMPED TO AN ISOLATION AREA SURROUNDED BY STRAW BALES.

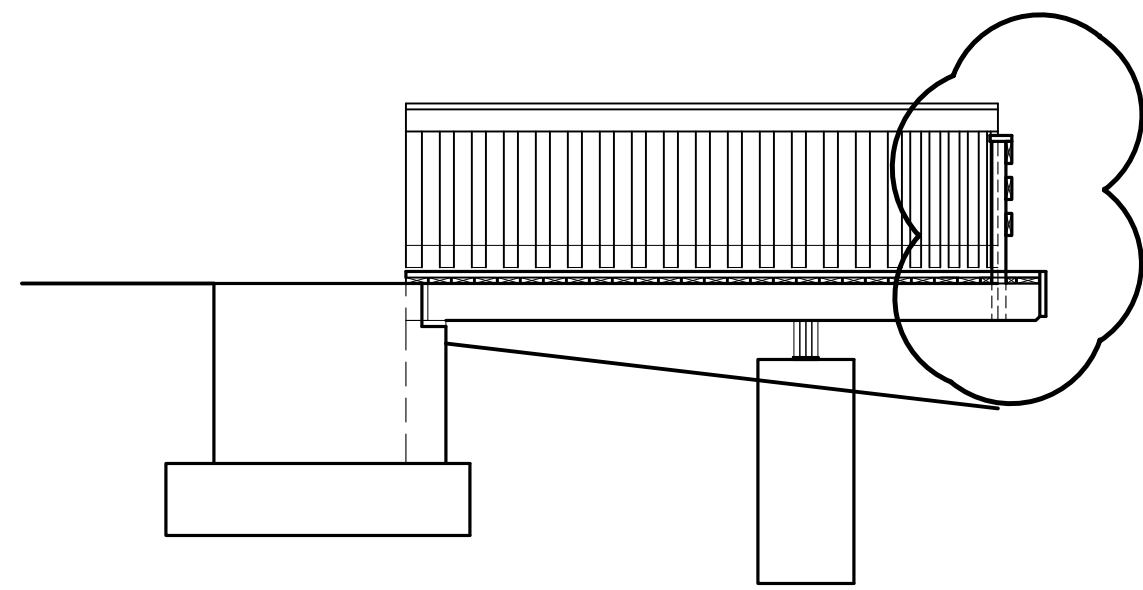
**WOOD FRAMING NOTES**

- THE LIGHT FRAMED WOOD CONSTRUCTION SHALL COMPLY WITH SECTION 2305 OF IBC AND AMERICAN FOREST AND PAPER ASSOCIATION WOOD FRAME CONSTRUCTION MANUAL FOR ONE AND TWO FAMILY DWELLINGS.
- WOOD FRAMING SHALL BE PRESSURE TREATED #2 YELLOW PINE.
- WOOD DECKING SHALL BE PRESSURE TREATED #2 YELLOW PINE.
- WOOD FLANKING HEARING SURFACE SHALL BE ROUGH SAWN #2 RED OAK OR APPROVED EQUAL WITH 9/8 AND SIZE.
- EACH WOOD DECK MEMBER SHALL BE SCREWED TO EACH SUPPORT BEAM WITH TWO FLAT HEAD, 3" LONG STAINLESS STEEL SCREWS. THE WOOD HEARING DECK SHALL BE ATTACHED TO THE WOOD DECK BELOW WITH TWO FLAT HEAD, 3" LONG STAINLESS STEEL SCREWS @ 24" OC.
- BUTT JOINTS IN THE WOOD DECK AND THE HEARING DECK SHALL BE STAGGERED A MINIMUM OF 3' FOR ADJACENT MEMBERS.
- ALL METAL FASTENERS INCLUDING BOLTS AND LAG SCREWS SHALL STAINLESS STEEL WITH A MINIMUM TENSILE YIELD STRENGTH OF 33.0 KSI.
- ALL METAL HARDWARE FASTENERS SHALL BE STAINLESS STEEL AS MANUFACTURED BY SIMPSON STRONG-TIE OR APPROVED EQUAL WITH INSTALLATION PER MANUFACTURER'S REQUIREMENTS.
- WOOD PRESERVATIVE TREATMENT (PT) SHALL BE PRESSURE IMPREGNATED WITH WOOD PRESERVATIVE IN ACCORDANCE WITH AASHTO M33 AND CERTIFIED FOR HEAVY DUTY GROUND CONTACT (UC4B). CUTTING AFTER PRESERVATIVE TREATMENT, THE EXPOSED WOOD SHALL BE TREATED WITH THE REQUIREMENTS OF AASHTO M33.



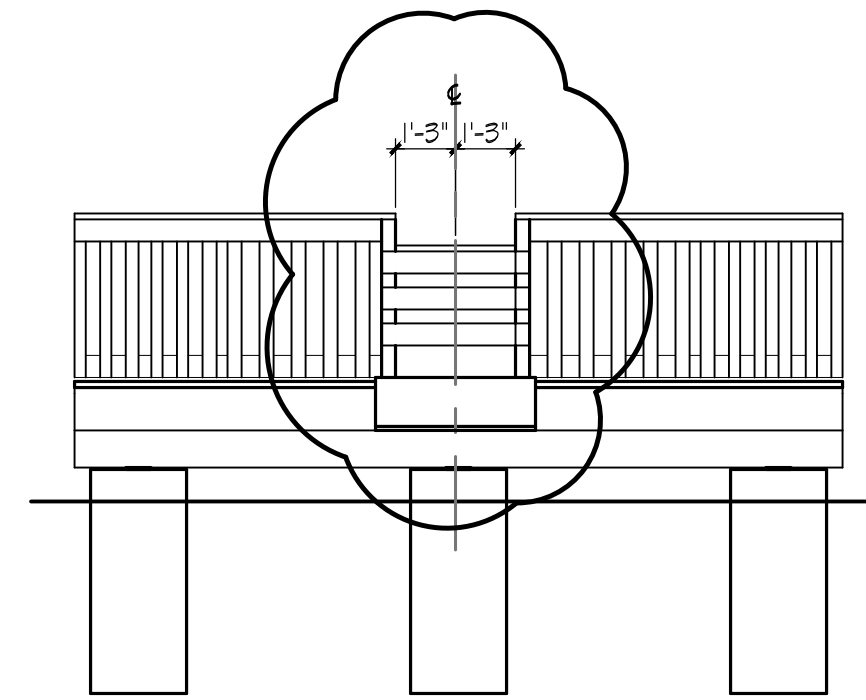
**ELEVATION**  
SCALE 1/4" = 1'-0"

5  
SI.1



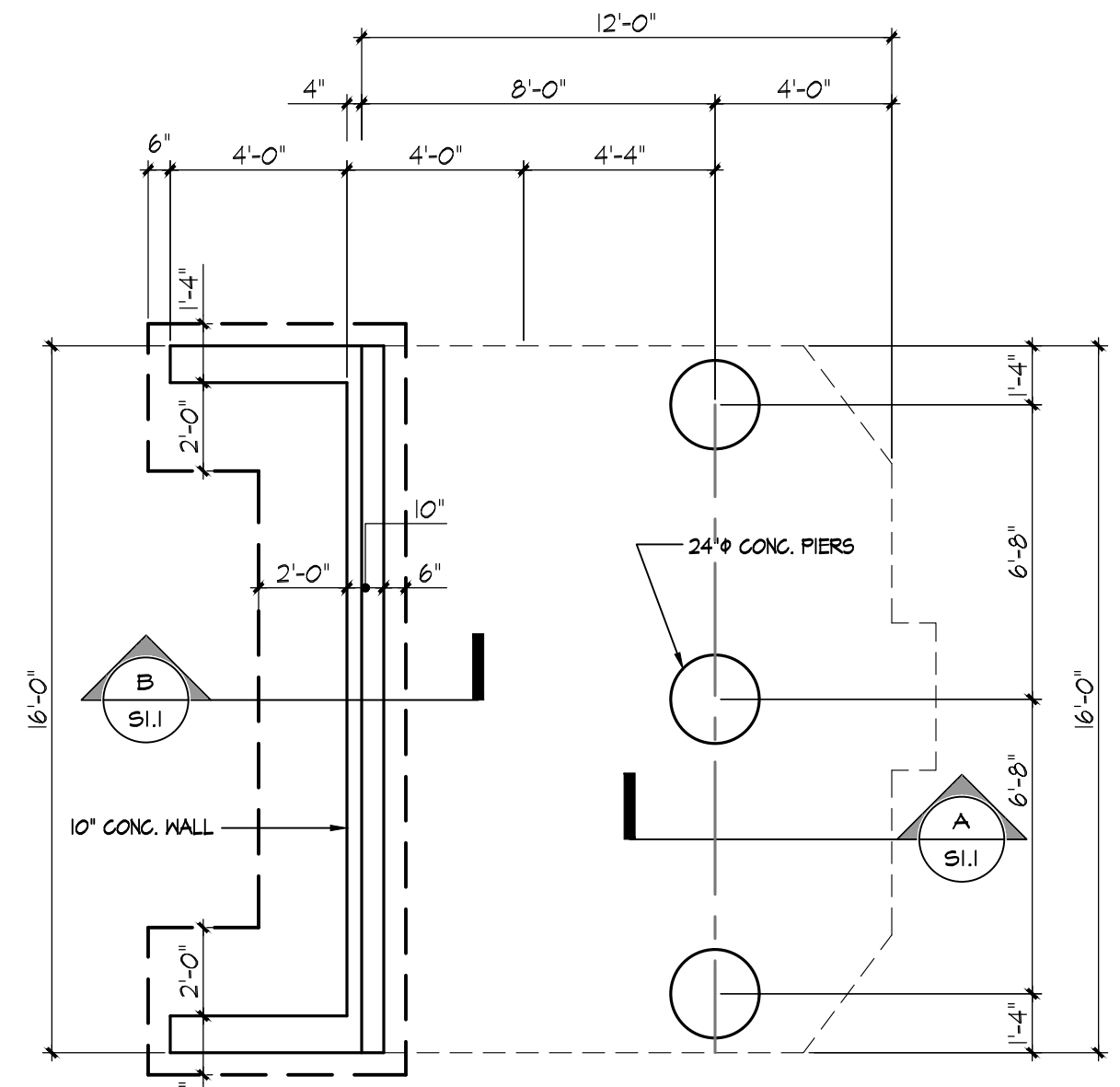
**ELEVATION**  
SCALE 1/4" = 1'-0"

4  
SI.1



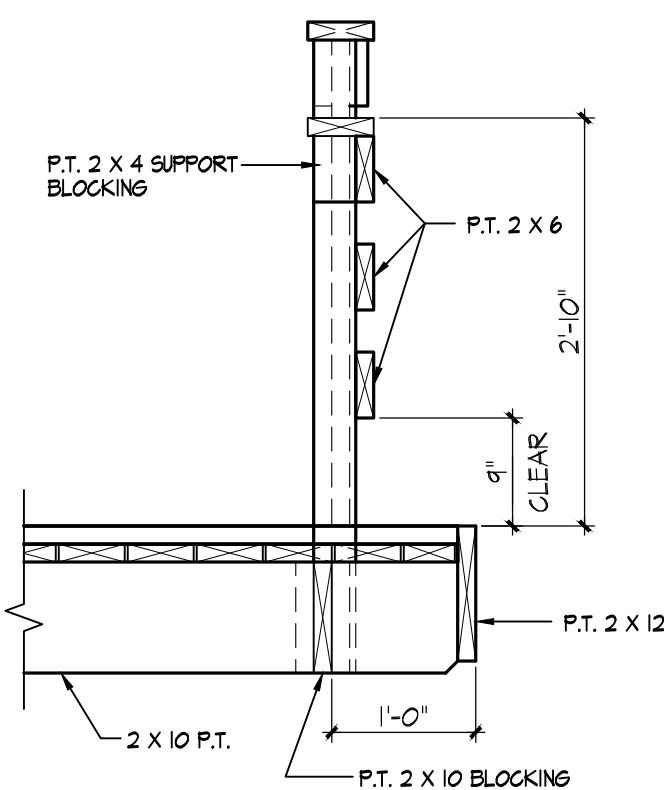
**ELEVATION**  
SCALE 1/4" = 1'-0"

3  
SI.1



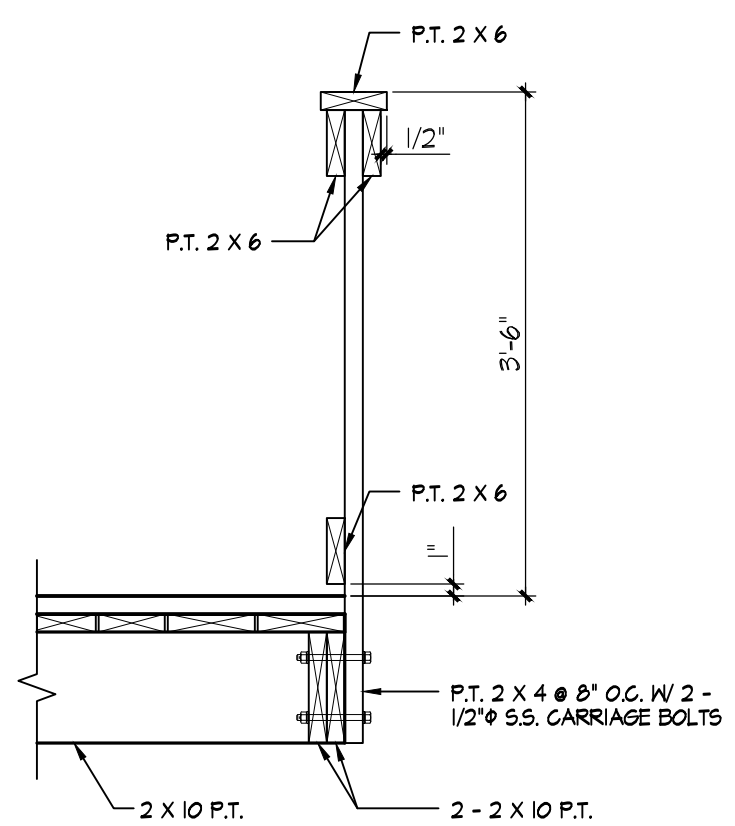
**FOUNDATION PLAN**  
SCALE 1/4" = 1'-0"

2  
SI.1



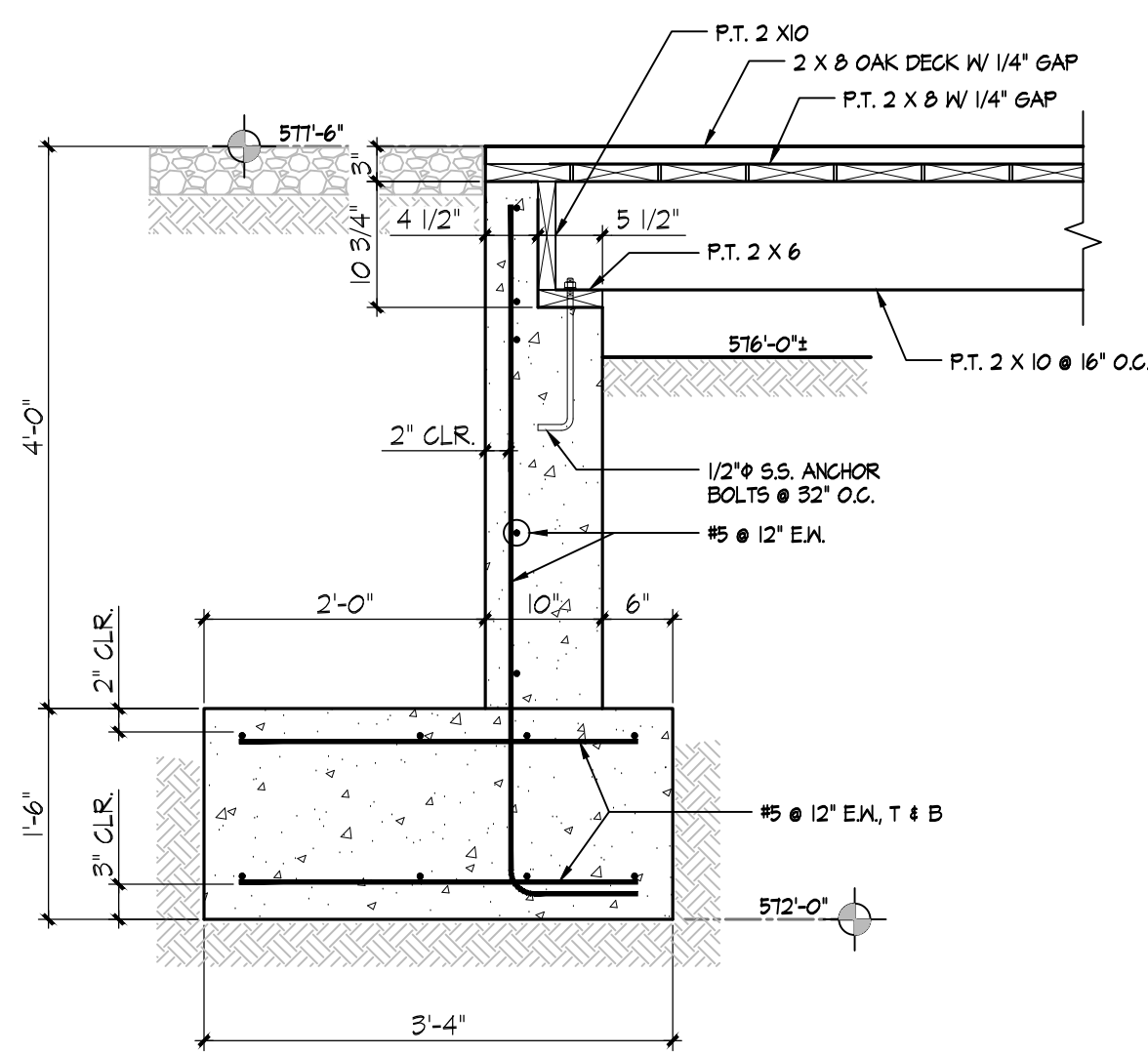
**DETAIL**  
SCALE 3/4" = 1'-0"

D  
SI.1



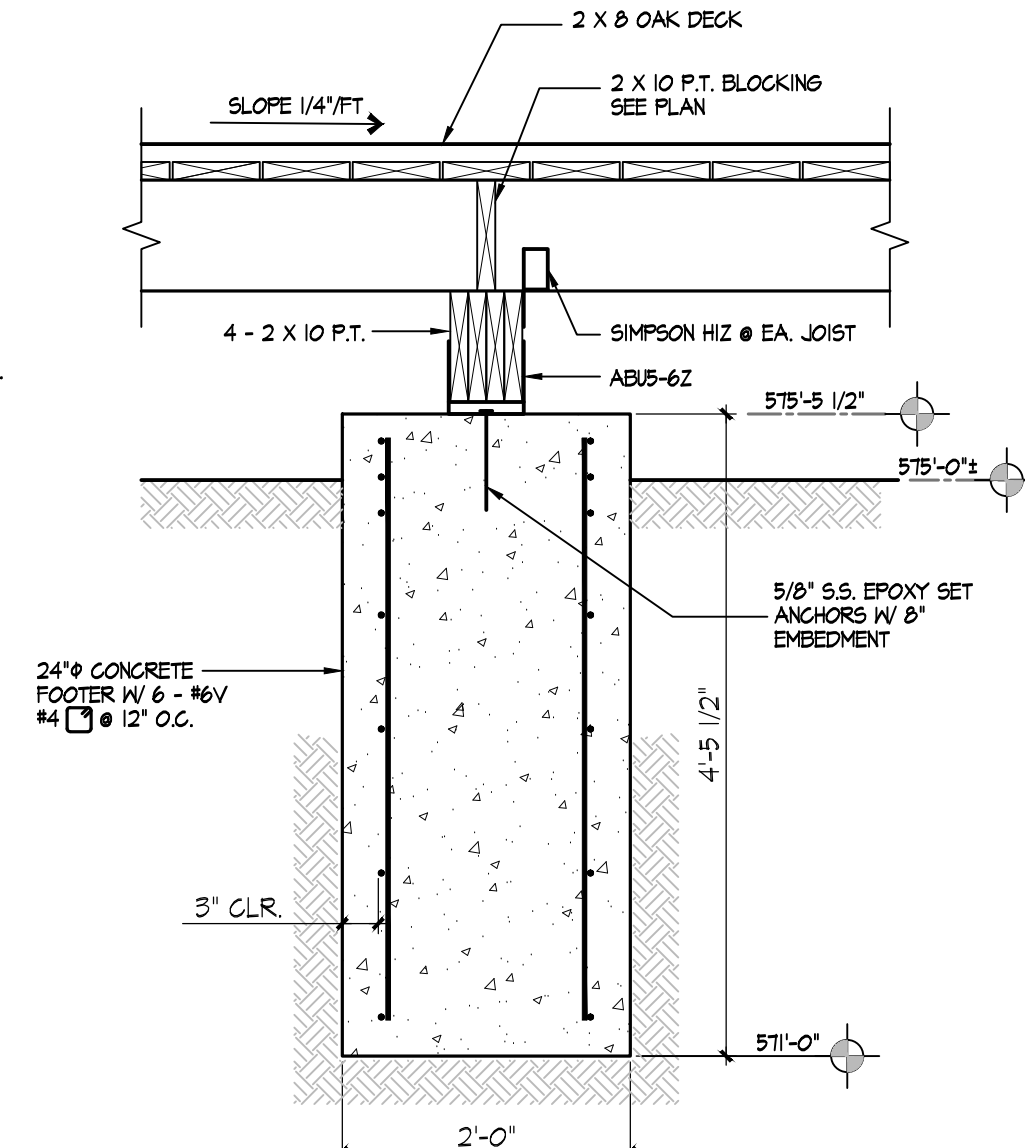
**DETAIL**  
SCALE 3/4" = 1'-0"

C  
SI.1



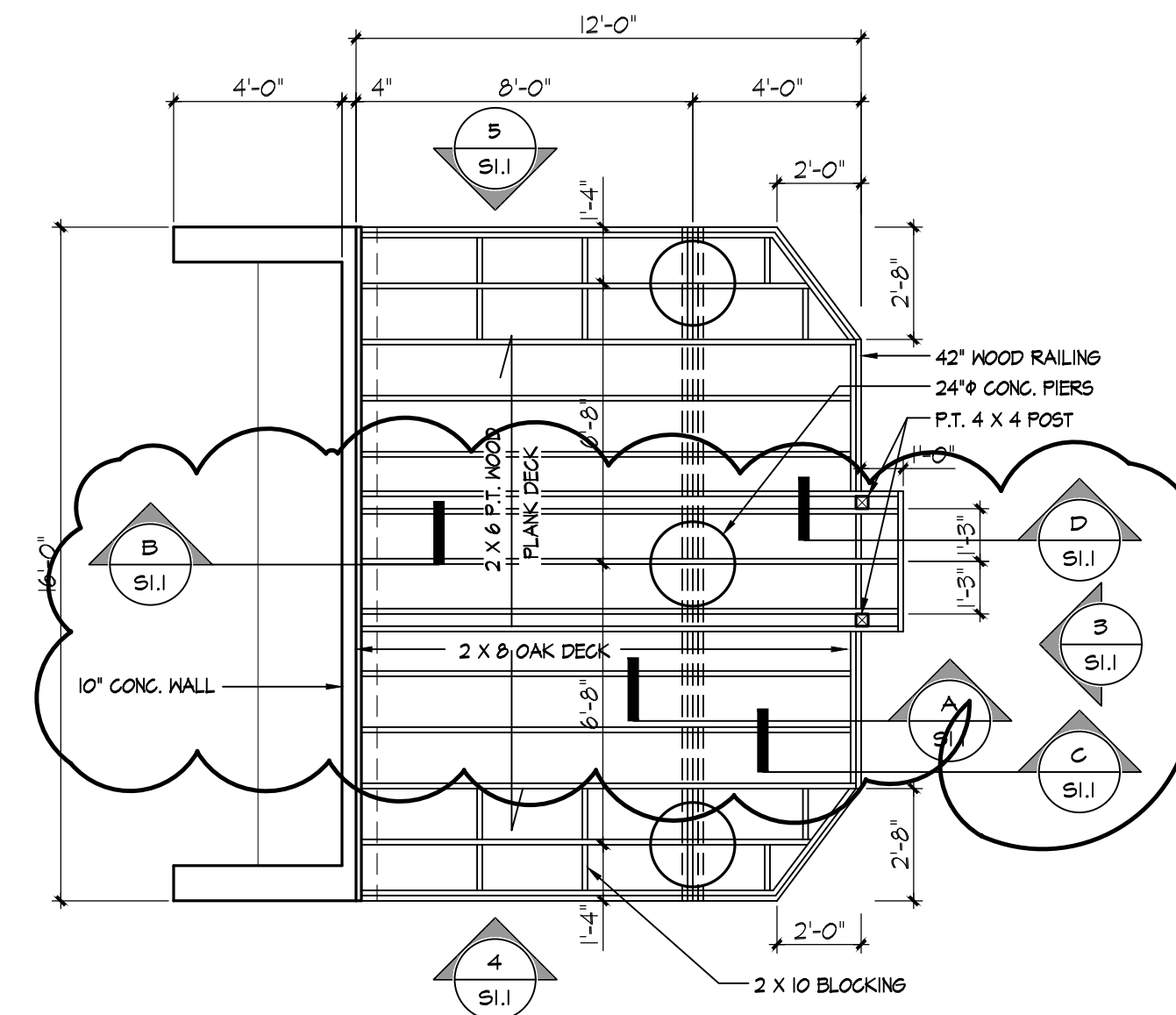
**DETAIL**  
SCALE 3/4" = 1'-0"

B  
SI.1



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

A  
SI.1



**STREAM DECK PLAN**  
SCALE 1/4" = 1'-0"

1  
SI.1

CHAMBERSBURG BOROUGH  
FISHING DOCK & KAYAK LAUNCH  
CHAMBERSBURG, PENNSYLVANIA

REVISION DATE

ISSUE DATE

MAR 24, 2025

DRAWING TITLE  
STREAM DECK + FOUNDATION PLANS,  
ELEVATIONS, DETAILS + NOTES

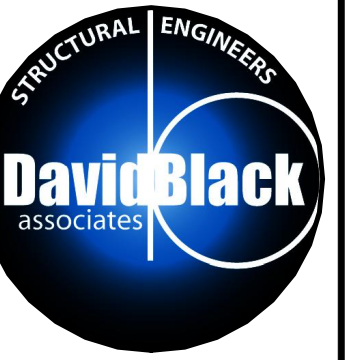
PROJECT NO.

24091

SHEET NUMBER

SI.1

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Chambersburg, PA 17201  
(717) 267-0282  
(717) 267-9846 Fax  
info@dba-ae.com



# ***Borough of Chambersburg***

*A full service municipality in Franklin County  
celebrating over 65 years of consumer owned natural gas service  
over 120 years of community electric and a  
regional wastewater, water, and municipal solid waste utility*

## **NOTICE OF RECEIPT**

I have received the Addendum No. 1 for the **Conococheague Creek  
Canoe/Kayak Launch and Fishing Dock Project.**

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Company

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Contact Person

---

Date Received

Mail to: Penny Morrison  
Borough of Chambersburg  
100 South Second Street  
Chambersburg, PA 17201

or Fax: 717-264-0224

email: [utilitysecretary@chambersburgpa.gov](mailto:utilitysecretary@chambersburgpa.gov)