

NEWBERRY COUNTY PUBLIC SAFETY COMPLEX

FOR

NEWBERRY COUNTY

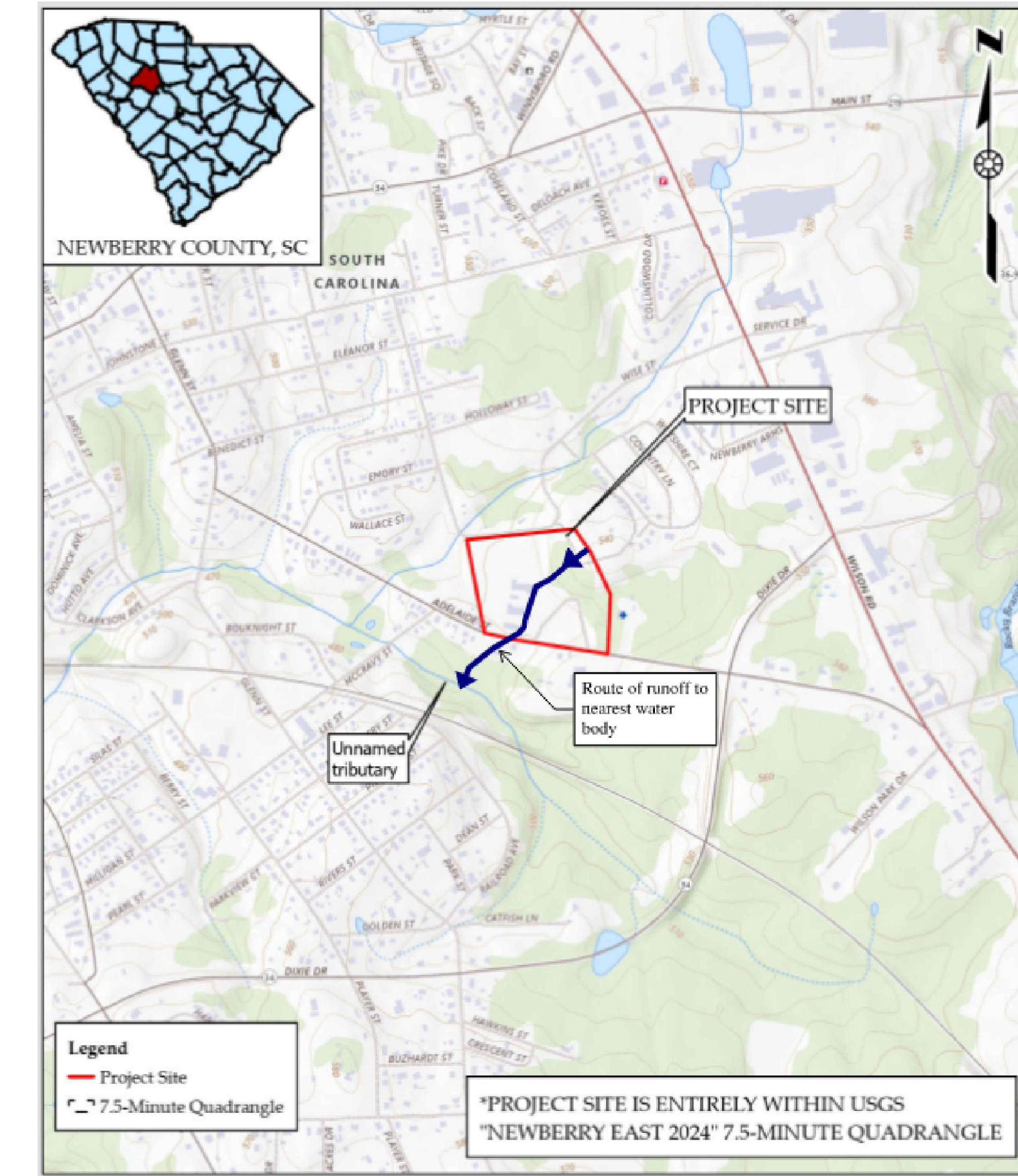
NEWBERRY, SOUTH CAROLINA



AERIAL MAP
1" = 500'

NEWBERRY COUNTY PUBLIC SAFETY COMPLEX
2301 ADELAIDE STREET
NEWBERRY, SC 29108

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LOCATION MAP
1" = 2000'

DEVELOPMENT SUMMARY

PARCEL # (OWNER): 399-39 (NEWBERRY COUNTY)
 OWNER: NEWBERRY COUNTY
 1309 COLLEGE STREET
 P.O. BOX 156
 NEWBERRY, SC 29108
 CONTACT: SCOTT S. SAWYER
 PHONE NUMBER: (803) 321-1440
 SSAWYER@NEWBERRYCOUNTY.GOV
 DESIGN ENGINEER: W.K. DICKSON - MATT JOHNSON, PE
 55 BEATTIE PLACE, SUITE 200
 GREENVILLE, SC 29601
 PHONE NUMBER: (864) 990-0180
 MJOHNSON@ARDURRA.COM
 DISTURBED AREA: ±6.0 AC
 EXISTING USE: PUBLIC SAFETY FACILITY
 PROPOSED USE: PUBLIC SAFETY FACILITY (INSTITUTIONAL)

DESIGNER CERTIFICATION

I HAVE PLACED MY SIGNATURE AND SEAL ON THE DESIGN DOCUMENTS SUBMITTED SIGNIFYING THAT I ACCEPT RESPONSIBILITY FOR THE DESIGN OF THE SYSTEM. FURTHER, I CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE DESIGN IS CONSISTENT WITH THE REQUIREMENTS OF TITLE 48, CHAPTER 14 OF THE CODE OF LAWS OF SC, 1976 AS AMENDED, PURSUANT TO REGULATION 72-300 ET SEQ. (IF APPLICABLE), AND IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF SCR100000

SIGNED: *M. S. Johnson* DATE: 05-06-2026

NOTICE TO CONTRACTOR

1. PRIOR TO CONSTRUCTION, DIGGING, OR EXCAVATION THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES (PUBLIC OR PRIVATE) THAT MAY EXIST AND CROSS THROUGH THE AREA(S) OF CONSTRUCTION, WHETHER INDICATED ON THE PLANS OR NOT. CALL "811" A MINIMUM OF 72 HOURS PRIOR TO DIGGING OR EXCAVATING. REPAIRS TO ANY UTILITY DAMAGED RESULTING FROM CONSTRUCTION ACTIVITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.



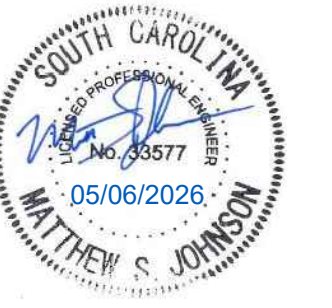
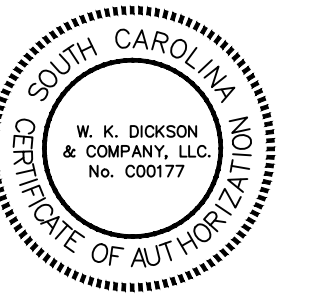
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WKD PROJECT NO. - 20231098.00.GV

Seal



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Project



NEWBERRY COUNTY
PUBLIC SAFETY
COMPLEX

Project Number 23232
 Drawn By MJ/CJL
 Checked By MJ/JHE
 Date 09 OCT 24

Revisions		
A	09 OCT 2024	30% SET
B	16 JAN 2026	60% SET
C	18 FEB 2026	90% SET
D	12 MAR 2026	PERMIT SET
E	06 MAY 2026	ADDENDUM 2

Drawing

COVER SHEET

C0.0

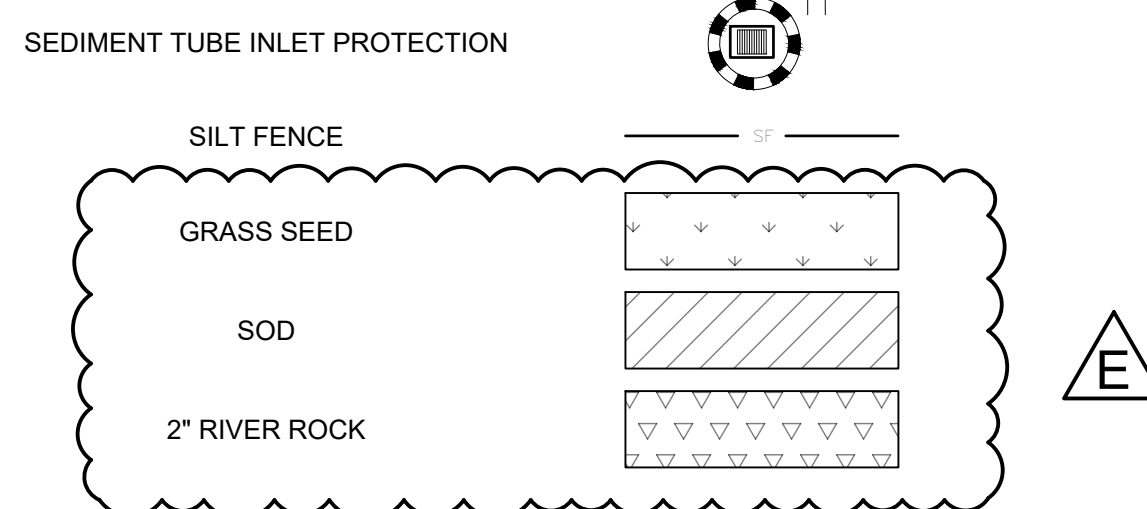


GENERAL NOTES:

- ALL CONSTRUCTION, MATERIALS AND METHODS SHALL BE IN ACCORDANCE WITH SCDOT, SCDDES, AND NEWBERRY STANDARDS AND SPECIFICATIONS AND ALL OTHER MUNICIPAL, STATE AND FEDERAL REGULATIONS AND/OR STANDARDS.
- ALL "STD." NUMBERS REFER TO SCDOT STANDARD DETAILS AND ALL OTHER CITY / COUNTY STANDARD DETAILS.
- PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR IS RESPONSIBLE TO VERIFY THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED FROM ALL REGULATORY AUTHORITIES AND SHALL BE THOROUGHLY FAMILIAR WITH CONDITIONS OF SAID PERMITS AND INSPECTION REQUIREMENTS.
- ALL INSPECTORS SHALL BE GIVEN 48 HOURS NOTICE PRIOR TO START OF CONSTRUCTION.
- ANY DISCREPANCIES BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS SHALL BE IMMEDIATELY REPORTED TO THE OWNER AND ENGINEER AND SHALL WAIT FOR INSTRUCTIONS PRIOR TO PROCEEDING.
- CONTRACTOR SHALL ENSURE THAT ADJOINING PARCEL'S UTILITIES REMAIN IN SERVICE AT ALL TIMES.
- SURVEY INFORMATION WAS OBTAINED FROM GEL ENGINEERING, LLC DATED 2/20/2024.
- SURVEY HORIZONTAL REFERENCE: NAD83
- SURVEY VERTICAL REFERENCE: NAVD88
- CONTRACTOR SHALL MAINTAIN ACCESS TO ADJOINING PARCEL(S) THROUGHOUT THE CONSTRUCTION PROCESS.
- FEMA MAP PANEL 4508300163D
- WK DICKSON SHALL NOT BE IN CONTROL OR CHARGE OF, AND SHALL NOT BE RESPONSIBLE FOR ACTUAL CONSTRUCTION MEANS, METHODS, TECHNIQUES, PROCEDURES, OR SAFETY PRECAUTIONS IN CONNECTION WITH THE WORK, OR FOR THE ACTS OR OMISSIONS OF CONTRACTORS OR ANY OTHER PERSONS NOT UNDER THE EMPLOYMENT OF WK DICKSON.
- RESPONSIBILITY FOR THE INSTALLATION AND MAINTENANCE OF ADEQUATE SAFETY DEVICES FOR THE PROTECTION OF THE PUBLIC, THE WORKERS, AND GENERAL PROTECTION OF THE WORK SHALL REST WITH THE CONTRACTOR DOING THE WORK.
- IF PROPOSED UTILITIES ARE INSTALLED WITHIN 12 INCHES, HORIZONTAL OR VERTICAL, FROM A GAS MAIN, THE CONTRACTOR SHALL INFORM CITY OF NEWBERRY UTILITIES DEPARTMENT.
- CONTRACTOR SHALL NOTIFY AND COOPERATE WITH ALL UTILITY COMPANIES OR FIRMS HAVING FACILITIES ON OR ADJACENT TO THE SITE BEFORE DISTURBING, ALTERING, REMOVING, RELOCATING, ADJUSTING OR CONNECTING TO SAID FACILITIES. CONTRACTORS SHALL PAY ALL COSTS IN CONNECTION WITH THE ALTERATION OF OR RELOCATION OF THE FACILITIES.
- CONTRACTOR TO COORDINATE ALL WORK WITH OTHER UTILITY INSTALLATIONS NOT COVERED IN THESE PLANS (ELECTRIC, TELEPHONE, GAS, CABLE, ETC.) AND ALLOW FOR THEIR OPERATIONS AND CONSTRUCTION TO BE PERFORMED.
- CONTRACTOR SHALL REPAIR OR REPLACE IN-KIND ANY DAMAGE THAT OCCURS AS RESULT OF HIS WORK.
- BEFORE ANY MACHINE WORK IS DONE, CONTRACTOR SHALL STAKE OUT AND MARK THE ITEMS ESTABLISHED BY THE SITE PLAN. CONTROL POINTS SHALL BE PRESERVED AT ALL TIMES DURING THE COURSE OF THE PROJECT. LACK OF PROPER WORKING POINTS AND GRADE STAKES MAY REQUIRE CESSATION OF OPERATIONS UNTIL SUCH POINTS AND GRADES HAVE BEEN PLACED TO THE OWNER'S SATISFACTION.
- ALL ELEVATIONS/CONSTRUCTION ARE IN REFERENCE TO THE BENCH MARK WHICH MUST BE VERIFIED BY THE CONTRACTOR PRIOR TO BREAKING GROUND.
- CONTACT THE APPROPRIATE UTILITY COMPANY TO RELOCATE ANY EXISTING UTILITIES. ALL EXISTING FACILITIES WHICH CONFLICT WITH THE IMPROVEMENTS UNDER THE SCOPE OF THIS PROJECT SHALL BE RELOCATED AT THE EXPENSE OF THE CONTRACTOR UNLESS PREVIOUS ARRANGEMENTS HAVE BEEN MADE WITH OWNER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING APPROVAL FOR UNDERGROUND UTILITY CONSTRUCTION FROM THE APPROPRIATE AGENCIES.

LEGEND

EXISTING	PROPOSED
---820---	5-FOOT CONTOUR
---819---	1-FOOT CONTOUR
○	SPOT ELEVATION
---	STORM DRAINAGE PIPE
SDMH CB GI	STORM DRAINAGE STRUCTURE
RP	RIP RAP
X	FENCE
○	ROADWAY SIGN
SS	SANITARY SEWER LINE
○	SANITARY SEWER MANHOLE
○	SANITARY SEWER CLEANOUT
○	POWER/UTILITY POLE
○	LIGHT POLE
○	GAS LINE
---	OVERHEAD ELECTRIC LINE
---	OVERHEAD COMMUNICATION LINE
■	TELEPHONE PEDESTAL
---	FIBER OPTIC LINE
---	WATER LINE
---	FIRE HYDRANT
---	PROPERTY LINE
---	ROADWAY CENTERLINE
---	LIMITS OF DISTURBANCE
○ IPS	IRON PIN SET (5/8" REBAR)
○ IFF	IRON PIN FOUND
■	ASPHALT PAVEMENT
■	CONCRETE PAVEMENT



PERMANENT SEEDING NOTES

- PERMANENT SEEDING, SODDING, OR OTHER MEANS OF STABILIZATION ARE REQUIRED WHEN ALL CONSTRUCTION WORK IS COMPLETED ACCORDING TO THE "SEEDING STABILIZATION TIMEFRAMES" CHART.
- A SOUTH CAROLINA DEPARTMENT OF AGRICULTURE SOILS TEST (OR EQUAL) SHOULD BE OBTAINED FOR ALL AREAS TO BE SEEDDED, SPRIGGED, SODDED OR PLANTED. RECOMMENDED FERTILIZER AND pH ADJUSTING PRODUCTS SHOULD BE INCORPORATED TO THE SOIL.
- USE A SEEDING MIX OF NON-INVASIVE, NATIVE SPECIES THAT WILL EVENTUALLY PROVIDE A PERMANENT GROUND COVER.
- IMMEDIATE VEGETATIVE COVER WILL ALWAYS REQUIRE ADDITIONAL FERTILIZATION, SOIL TESTS, OVERSEEDING AND MAINTENANCE UNTIL PERMANENT VEGETATIVE COVER IS ESTABLISHED.

SEEDBED PREPARATION

- CHISEL COMPACTED AREAS AND SPREAD TOPSOIL 3 INCHES DEEP OVER ADVERSE SOIL CONDITIONS, IF AVAILABLE.
- RIP THE ENTIRE AREA TO 6 INCHES DEPTH.
- APPLY AGRICULTURAL LIME, FERTILIZER, AND SUPER PHOSPHATE UNIFORMLY AND MIX WITH SOIL (SEE SEED SCHEDULE). DO NOT USE LIME OR FERTILIZER ON STREAM BANKS OR IN WETLAND AREAS. MULCH DOES NOT NEED TO BE USED IN WETLAND AREAS.
- SEED ON A FRESHLY PREPARED SEEDBED AND COVER SEED LIGHTLY WITH SEEDING EQUIPMENT OR CULTIPACK AFTER SEEDING.
- MULCH IMMEDIATELY AFTER SEEDING AND ANCHOR MULCH.
- INSPECT ALL SEEDBED AREAS AND MAKE NECESSARY REPAIRS OR RESEEDINGS WITHIN THE PLANTING SEASON, IF POSSIBLE. IF STAND SHOULD BE OVER 60% DAMAGED, REESTABLISH FOLLOWING ORIGINAL LIME, FERTILIZER AND SEEDING RATES.
- CONSULT CONSERVATION INSPECTOR ON MAINTENANCE TREATMENT AND FERTILIZATION AFTER PERMANENT COVER IS ESTABLISHED.

PERMANENT SEEDING SPECIFICATION

3:1 SLOPES OR FLATTER:

- APPLY AGRICULTURAL LIME AT THE RATE OF **75 LBS/1000 S.F.
- APPLY COMMERCIAL FERTILIZER AT THE RATE OF 48 LBS/1000 S.F. FOR 5-10-10 FERTILIZER, 24 LBS/1000 S.F. FOR 10-20-20 FERTILIZER, OR 20 LBS/1000 S.F. FOR 18-24-6 FERTILIZER.
- SEED IN ACCORDANCE WITH THE FOLLOWING SCHEDULE AND APPLICATION RATES:

DATE:	TYPE:	PLANTING RATE:
AUG. 15 - NOV. 1	TALL FESCUE RYE GRAIN	300 LBS/AC OR 7 LBS/1000 S.F. 120 LBS/AC OR 3 LBS/1000 S.F.
NOV. 1 - MAR. 1*	TALL FESCUE AND ABRUZZI RYE	300 LBS/AC OR 7 LBS/1000 S.F. 25 LBS/AC OR 1/2 LB/1000 S.F.
MAR. 1 - APR. 15 APR. 15 - JUL. 30	TALL FESCUE HULLED COMMON BERMUDA GRASS	300 LBS/AC OR 7 LBS/1000 S.F. 25 LBS/AC OR 1/2 LB/1000 S.F.
JUL. 1 - AUG. 15	TALL FESCUE AND BROWN TOP MILLET OR SORGHUM SUDAN HYBRIDS	300 LBS/AC OR 7 LBS/1000 S.F. 35 LBS/AC OR 3/4 LB/1000 S.F. 30 LBS/AC OR 3/4 LB/1000 S.F.

- MULCH WITH STRAW APPLIED AT THE RATE OF 95 LBS/1000 S.F.

- ** HEAVILY MULCHED DURING JANUARY - MARCH PERIOD.
- CONTRACTOR MAY OBTAIN SOIL TEST TO DETERMINE AMOUNT OF LIME REQUIRED TO OBTAIN A pH RANGE OF 6.5 TO 7.0.
- *** SEED TYPE, RATES AND/OR SOIL AMENDMENTS SPECIFIED ABOVE MAY BE MODIFIED AND/OR ELIMINATED IF REQUIRED BY OTHER LOCAL, STATE OR FEDERAL AGENCIES (EG. NRCS, NC COOPERATIVE EXTENSION OFFICE, ETC.). PRIOR TO MODIFICATIONS OR ELIMINATIONS, CONTRACTOR SHALL SUBMIT WRITTEN DOCUMENTATION SUPPORTING THE REQUEST FOR APPROVAL PRIOR TO MAKING MODIFICATION.

SLOPES GREATER THAN 3:1

- APPLY AGRICULTURAL LIME AT A RATE OF **90 LBS/1000 S.F.
- APPLY COMMERCIAL FERTILIZER AT THE RATE OF 48 LBS/1000 S.F. FOR 5-10-10 FERTILIZER, 24 LBS/1000 S.F. FOR 10-20-20 FERTILIZER, OR 20 LBS/1000 S.F. FOR 18-24-6 FERTILIZER.
- SEED IN ACCORDANCE WITH THE FOLLOWING SCHEDULE AND APPLICATION RATES:

DATE:	TYPE:	PLANTING RATE:
MAR. - JUN. 1	SERICEA LESPEDEZA RYE GRAIN (SCARIFIED) AND ADD TALL FESCUE	50 LBS/AC OR 1 1/2 LBS/1000 S.F. 25 LBS/AC OR 3/4 LBS/1000 S.F.
MAR. - APR. 1 JUN. - SEPT. 1***	TALL FESCUE AND BROWN TOP MILLET OR SORGHUM SUDAN HYBRIDS	150 LBS/AC OR 3 1/2 LBS/1000 S.F. 120 LBS/AC OR 2 1/2 LBS/1000 S.F. 35 LBS/AC OR 3/4 LB/1000 S.F.
SEPT. - MAR. 1	SERICEA LESPEDEZA (UNHULLED - UNSCARIFIED) TALL FESCUE MILLET OR SUDAN	30 LBS/AC OR 3/4 LB/1000 S.F. 70 LBS/AC OR 1 3/4 LBS/1000 S.F. 120 LBS/AC OR 2 1/2 LBS/1000 S.F. 20 LBS/AC OR 1/2 LB/1000 S.F.

- MULCH APPLIED AT THE RATE OF 95 LBS/1000 S.F. AND ANCHOR WITH ASPHALT EMULSION TACK COAT APPLIED AT THE RATE OF 10-15 GAL/1000 S.F. OR 450 GAL/AC.

- * TEMPORARY RESEED SEPT. 1 AT RECOMMENDED RATES.
- ** CONTRACTOR MAY OBTAIN SOIL TEST TO DETERMINE AMOUNT OF LIME REQUIRED TO OBTAIN A pH RANGE OF 6.5 TO 7.0.
- *** SEED TYPE, RATES AND/OR SOIL AMENDMENTS SPECIFIED ABOVE MAY BE MODIFIED AND/OR ELIMINATED IF REQUIRED BY OTHER LOCAL, STATE OR FEDERAL AGENCIES (EG. NRCS, NC COOPERATIVE EXTENSION OFFICE, ETC.). PRIOR TO MODIFICATIONS OR ELIMINATIONS, CONTRACTOR SHALL SUBMIT WRITTEN DOCUMENTATION SUPPORTING THE REQUEST FOR APPROVAL PRIOR TO MAKING MODIFICATION.

DEMOLITION/EXISTING CONDITIONS NOTES:

- CONTRACTOR IS FULLY RESPONSIBLE FOR CONTACTING APPROPRIATE PARTIES AND ASSURING THAT EXISTING UTILITIES ARE LOCATED PRIOR TO BEGINNING CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR PLACING BARRICADES, USING FLAG MEN, ETC AS NECESSARY TO ENSURE THE SAFETY OF THE PUBLIC.
- ALL PAVEMENT CUTS, CONCRETE OR ASPHALT, ARE TO BE PLACED IN ACCORDANCE WITH THE STANDARDS OF THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION.
- SHORING WILL BE IN ACCORDANCE WITH OSHA TRENCHING STANDARDS PART 1926, SUBPART P OR AS AMENDED.
- CONTRACTOR SHALL ESTABLISH EROSION CONTROL MEASURES PRIOR TO DEMOLITION OF EXISTING STRUCTURES.
- CONTRACTOR SHALL ADHERE TO ALL LOCAL, STATE AND FEDERAL RULES AND REGULATIONS CONCERNING THE DEMOLITION AND REMOVAL OFFSITE OF ALL CONSTRUCTION DEBRIS.
- CONTRACTOR SHALL COMPLETE DEMOLITION WORK IN AN EXPEDITIOUS AND TIMELY MANNER.
- ABANDONMENT OR REMOVAL OF EXISTING WELLS, SEPTIC SYSTEMS AND ASSOCIATED APPURTENANCE SHALL BE PERFORMED IN ACCORDANCE WITH REGULATORY GUIDELINES AND PROCEDURES ESTABLISHED BY THE SOUTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY, AND ANY ASSOCIATED REGULATORY AGENCIES.
- DEMOLITION CONTRACTOR, AND ASSOCIATED SUBCONTRACTORS, ARE RESPONSIBLE FOR CONTACTING AND COORDINATING WITH EACH AFFECTED UTILITY COMPANY PRIOR TO THE REMOVAL OR DISCONNECTION OF ANY EXISTING SERVICES ON SITE.
- CONTRACTOR SHALL CONTACT ALL AFFECTED UTILITY COMPANIES PRIOR TO BEGINNING DEMOLITION.
- THE CONTRACTOR AGREES THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, PREVIOUS DESIGN DOCUMENTS, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE LOCATION OF EXISTING UTILITIES MUST BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
- EXISTING UTILITIES ARE ILLUSTRATED FOR INFORMATION PURPOSES ONLY. WK DICKSON WILL NOT BE HELD RESPONSIBLE FOR THE ACCURACY OF UTILITY LOCATIONS, SIZES, DEPTHS, OR FOR COMPLETENESS OF UTILITY INFORMATION. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY AND MEET WITH ALL UTILITY OWNERS WHOSE FACILITIES WILL BE AFFECTED TO DETERMINE UTILITY LOCATIONS. THE CONTRACTOR SHALL PROTECT ALL UTILITIES FROM DAMAGE CAUSED BY HIS OPERATIONS OR THOSE OF HIS AGENTS. THE CONTRACTOR SHALL HOLD WK DICKSON HARMLESS FOR ANY THIRD-PARTY INCONVENIENCE CREATED BY WORK OF HIS OWN FORCES OR THAT OF HIS AGENTS. ANY DAMAGES INCURRED SHALL BE THE CONTRACTORS FINANCIAL RESPONSIBILITY.
- CONTRACTOR SHALL VERIFY LOCATION AND DEPTH OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. ANY CONFLICTS WITH EXISTING UTILITIES SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY.
- LOCATE EXISTING ABOVE GROUND AND UNDERGROUND UTILITIES IN AREAS OF WORK. IF UTILITIES ARE TO REMAIN IN PLACE, PROVIDE ADEQUATE MEANS OF SUPPORT AND PROTECTION DURING DEMOLITION/CONSTRUCTION OPERATIONS.
- CONTRACTOR TO SUBMIT DEMOLITION PLAN TO NEWBERRY COUNTY BEFORE DEMOLITION IS TO BEGIN AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL DEMOLITION PERMITS AS REQUIRED.
- DEMOLITION WORK SHALL NOT COMMENCE UNTIL GRADING PERMIT HAS BEEN ISSUED.
- CONTRACTOR SHALL SUBMIT DEMOLITION SCHEDULE TO OWNER PRIOR TO PROCEEDING WITH DEMOLITION ACTIVITIES.
- DEMOLITION AND REMOVAL OPERATIONS SHALL COMMENCE ONLY AFTER ALL EROSION CONTROL MEASURES ARE IN PLACE AND ARE FUNCTIONAL.
- EXTENT OF SITE CLEARING IS SHOWN ON EROSION CONTROL PLANS.
- CONDUCT SITE DEMOLITION OPERATIONS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED OR USED FACILITIES. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS OR OTHER OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM AUTHORITIES HAVING JURISDICTION.
- ALL PROPERTY(IES) AFFECTED BY THIS WORK SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THE EXISTING UNLESS OTHERWISE SPECIFICALLY EXEMPTED BY THESE PLANS.
- DEMOLITION DEBRIS, EXCEPT AS OTHERWISE NOTED, SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE. ALL DEBRIS SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR IN A LEGAL LANDFILL IN A TIMELY MANNER. NO SALVAGE OR SALE OF DEMOLISHED MATERIALS ON SITE WILL BE ALLOWED WITHOUT PERMISSION FROM THE OWNER.
- REMOVE WASTE MATERIALS AND UNSUITABLE AND EXCESS TOPSOIL FROM PROPERTY AND DISPOSE OF OFF-SITE IN A LEGAL MANNER. (PERMIT REQUIRED FOR OFF-SITE DISPOSAL)
- SHOULD UNCHARTED, OR INCORRECTLY CHARTED PIPING OR OTHER UTILITIES BE ENCOUNTERED DURING DEMOLITION, CONSULT PROJECT ENGINEER AND UTILITY OWNER FOR IMMEDIATE ACTION.
- ALL UNDERGROUND/OVERHEAD UTILITIES PREVIOUSLY SERVING EXISTING STRUCTURES TO BE REMOVED AND/OR ABANDONED IN PLACE UNLESS INDICATED TO REMAIN.
- DEMOLISH AND COMPLETELY REMOVE FROM SITE MATERIAL INDICATED ON PLAN OR NOTED "TO BE REMOVED".
- PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, AND OTHER FACILITIES FROM DAMAGE CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUT AND OTHER HAZARDS CREATED BY THE DEMOLITION OPERATION.
- CONTRACTOR SHALL MAINTAIN POSITIVE STORM DRAINAGE DURING CONSTRUCTION TO INSURE NO DAMAGE TO ADJACENT PROPERTIES OCCURS DURING STORM EVENTS.
- CONTRACTOR SHALL COORDINATE STORM DEMOLITION WITH STORM DRAIN IMPROVEMENTS TO MAINTAIN POSITIVE DRAINAGE.
- CONTRACTOR TO REMOVE ALL VISIBLE OR REASONABLY IDENTIFIABLE MATERIAL, EQUIPMENT, ETC. FROM THE SITE IF NOT NEEDED FOR NEW CONSTRUCTION.
- ALL DEMOLITION AND CONSTRUCTION SHALL COMPLY WITH APPLICABLE BUILDING CODES AND LOCAL RESTRICTIONS. THE CONTRACTOR MUST COMPLY WITH ALL OF THE CONTRACTOR REGISTRATION REQUIREMENTS OF ALL GOVERNING AUTHORITIES.
- PRIOR TO THE COMMENCEMENT OF DEMOLITION, THE CONTRACTOR SHALL COORDINATE HIS ACTIVITIES WITH ALL UTILITY COMPANIES SERVING THIS AREA. THE CONTRACTOR IS TO COORDINATE FULLY WITH THE UTILITY COMPANIES ON THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO DEMOLITION, CONSTRUCTION, AND EXCAVATION.
- ALL PAVING REMOVAL AND DEMOLITION SHALL BE PERFORMED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER OR OWNER.
- RELOCATION OR REMOVAL OF OVERHEAD OR UNDERGROUND UTILITIES SHALL BE COORDINATED WITH THE APPROPRIATE UTILITY COMPANY. RELOCATION OR REMOVAL OF EXISTING UTILITIES SHALL BE DONE BY OTHERS AND PAID FOR BY CONTRACTOR UNLESS PREVIOUS NEGOTIATIONS HAVE BEEN MADE WITH OWNER.
- CONTRACTOR SHALL REMOVE EXISTING LIGHT POLES IN THE DEMOLITION AREA AT THE OWNERS DIRECTION.
- ALL PROPOSED PAVEMENT CUTS SHALL BE SAW CUT ONLY.
- WHERE CURB AND GUTTER IS CALLED OUT TO BE REMOVED, THE CONTRACTOR SHALL SAW CUT THE EXISTING PAVEMENT (1' OFF EXISTING EDGE OF PAVEMENT) AND REMOVE PAVEMENT.
- CONTRACTOR SHALL PROVIDE A MINIMUM OF 72 HOURS ADVANCE NOTICE TO THE OWNER PRIOR TO STARTING DEMOLITION ACTIVITIES.
- CONTRACTOR SHALL VERIFY AND PROTECT ALL PUBLIC UTILITIES. ANY WORK ASSOCIATED WITH SAID UTILITIES TO BE COORDINATED WITH APPROPRIATE UTILITY COMPANY. DEMOLITION OF UTILITIES WHICH ARE ACTIVE SHALL BE SEQUENCED TO ALLOW FOR INSTALLATION OF NEW OR REROUTED LINES, PRIOR TO REMOVAL OF EXISTING PORTION.
- THE CONTRACTOR SHALL IMMEDIATELY REPORT TO THE OWNER AND ENGINEER ANY DISCREPANCIES FOUND BETWEEN ACTUAL FIELD CONDITIONS AND CONSTRUCTION DOCUMENTS AND SHALL WAIT FOR INSTRUCTIONS PRIOR TO PROCEEDING.
- THE CONTRACTOR SHALL CONTACT ALL OWNERS OF EASEMENTS, UTILITIES AND RIGHT-OF-WAYS, PUBLIC OR PRIVATE, PRIOR TO WORKING IN THESE AREAS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO ANY EXISTING ITEM AND/OR MATERIAL INSIDE OR OUTSIDE THE CONSTRUCTION LIMITS.
- CONTRACTOR SHALL MAINTAIN THE SITE IN A MANNER SO THAT WORKMEN AND PUBLIC ARE PROTECTED FROM INJURY.
- SHOULD THE CONTRACTOR ENCOUNTER ANY ADDITIONAL ITEMS THAT MAY REQUIRE DEMOLITION (FENCES, GUARD RAIL, ETC.) - THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR FURTHER DIRECTION.
- PRIOR TO TREE REMOVAL, CONTRACTOR SHALL COORDINATE REMOVAL WITH NEWBERRY COUNTY



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WKD PROJECT NO. - 20231098.00.GV

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Project



**NEWBERRY COUNTY
PUBLIC SAFETY
COMPLEX**

Project Number 23232
Drawn By MJ/CJL
Checked By MJ/JHE
Date 09 OCT 24

Revisions	Date	Description
A	09 OCT 2024	30% SET
B	16 JAN 2026	60% SET
C	18 FEB 2026	90% SET
D	12 MAR 2026	PERMIT SET
E	06 MAY 2026	ADDENDUM 2

Drawing

GENERAL NOTES

C0.1

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15:41:12 Project Path: \\s01\projects\2023\23232\23232.dwg, User: mjhe, Date: 10/24/2024, Time: 10:41:12 AM, Plot Date: 10/24/2024, Time: 10:41:12 AM

GRADING AND STORM DRAINAGE NOTES:

- CONTRACTOR SHALL REVIEW GRADING/EARTHWORK TO MAKE SURE THERE IS SUFFICIENT MATERIAL TO COMPLETE WORK SHOWN ON THE PLANS. AFTER CONTRACT HAS BEEN AWARDED, ANY AVERAGE/SHORTAGE OF FILL SHALL BE THE CONTRACTORS RESPONSIBILITY AND PAID FOR BY SAID CONTRACTOR.
- APPROVAL OF THIS PLAN IS NOT AUTHORIZATION TO GRADE ADJACENT PROPERTIES. WHEN FIELD CONDITIONS WARRANT OFF SITE GRADING, WRITTEN PERMISSION MUST BE OBTAINED FROM THE AFFECTED PROPERTY OWNERS.
- ON-SITE BURIAL PITS REQUIRE AN ON-SITE DEMOLITION/LANDFILL PERMIT FROM THE ZONING ADMINISTRATOR.
- ANY GRADING BEYOND THE DENIED LIMITS SHOWN ON THE PLAN IS A VIOLATION OF THE CITY/COUNTY EROSION CONTROL ORDINANCE AND IS SUBJECT TO FINE.
- GRADING MORE THAN ONE ACRE WITHOUT AN APPROVED EROSION CONTROL PLAN IS A VIOLATION OF THE CITY/COUNTY EROSION CONTROL ORDINANCE AND IS SUBJECT TO A FINE.
- PE SEALED SHOP DRAWINGS FOR RETAINING WALL MUST BE SUBMITTED TO ENGINEERING PRIOR TO CONSTRUCTION. ENSURE TIE BACKS ARE OUTSIDE RIGHT OF WAY. THE CONTRACTOR SHALL MAINTAIN EACH STREAM, CREEK, OR BACKWASH CHANNEL IN AN UNOBSTRUCTED STATE AND SHALL REMOVE FROM THE CHANNEL AND BANKS OF THE STREAM ALL DEBRIS, LOGS, TIMBER, TRASH, JUNK AND OTHER ACCUMULATIONS.
- NON-STANDARD ITEMS (I.E. PAVERS, IRRIGATION SYSTEMS, ETC.) IN THE RIGHT-OF-WAY REQUIRE A RIGHT-OF-WAY ENCROACHMENT AGREEMENT WITH THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION BEFORE INSTALLATION.
- CONTRACTOR SHALL CONTACT INSPECTOR 48 HOURS BEFORE CONSTRUCTION.
- THE LOCAL ENGINEERING DEPARTMENT HAS NOT REVIEWED AND DOES NOT ASSUME RESPONSIBILITY FOR THE STRUCTURAL STABILITY OF ANY EXISTING OR PROPOSED RETAINING WALLS ON THE SITE. DESIGN OF ALL RETAINING WALLS IS TO BE PER NC BUILDING CODE SECTION 1610.3. DETAILED RETAINING WALL DESIGN DRAWINGS MUST BE SEALED BY AN NC LICENSED ENGINEER.
- CONTRACTOR SHALL NOT GRADE WITHIN THE 2'-VR FEMA FLOODWAY.
- THE PURPOSE OF THE STORM DRAINAGE EASEMENT (SDE) IS TO PROVIDE STORM WATER CONVEYANCE. BUILDINGS ARE NOT PERMITTED IN THE EASEMENT AREA. ANY OTHER OBJECTS WHICH IMPEDE STORM WATER FLOW OR SYSTEM MAINTENANCE ARE ALSO PROHIBITED.
- SHORING WILL BE IN ACCORDANCE WITH OSHA TRENCHING STANDARDS PART 1926, SUBPART P OR AS AMENDED.
- NEW FINISHED CONTOURS SHOWN ARE TOP OF PAVING IN AREAS TO RECEIVE PAVEMENT AND TOP OF TOPSOIL IN AREAS TO BE SEEDED.
- THE PROPOSED CONTOURS SHOWN IN DRIVES, PARKING LOTS AND SIDEWALKS ARE FINISHED ELEVATIONS INCLUDING ASPHALT. REFER TO PAVEMENT CROSS-SECTION DATA TO ESTABLISH CORRECT SUB-BASE OR AGGREGATE BASE COURSE ELEVATIONS.
- DIMENSIONS AND ELEVATIONS ON STRUCTURES ARE FOR GRADING PURPOSES ONLY AND ARE NOT TO BE USED TO LAYOUT.
- GRADING CONTRACTOR SHALL COOPERATE AND WORK WITH ALL OTHER CONTRACTORS PERFORMING WORK ON THIS PROJECT TO INSURE PROPER AND TIMELY COMPLETION OF THIS PROJECT.
- CONTRACTOR TO MAINTAIN POSITIVE DRAINAGE THROUGHOUT CONSTRUCTION.
- ALL FILL/SUBGRADE MATERIAL TO BE COMPACTED TO 95% STANDARD COMPACTION UNLESS OTHERWISE NOTED ON PLANS OR IN GEOTECHNICAL REPORT.
- CONTRACTOR SHALL REVIEW GEOTECHNICAL REPORT (PROVIDED BY OWNER) TO DETERMINE SOIL/ROCK CONDITIONS OF THE SITE AND ANY SITE SPECIFIC REQUIREMENTS OR RECOMMENDATIONS.
- CONTRACTOR SHALL OBTAIN AND REVIEW ANY 2ND PARTY SPECIFICATIONS AND REQUIREMENTS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL INTEGRATE ANY 2ND PARTY SPECIFICATIONS AND REQUIREMENTS INTO THE SITE CONSTRUCTION (BUILDING PAD REQUIREMENTS, PAVEMENT AREA REQUIREMENTS, ETC.). ANY DISCREPANCIES BETWEEN THESE PLANS AND ANY 2ND PARTY SPECIFICATIONS AND REQUIREMENTS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION FOR RESOLUTION.
- ALL SLOPES NOT OTHERWISE NOTED SHALL BE 2:1 OR FLATTER. FILL SLOPES GREATER THAN 10' REQUIRE ADEQUATE TERRACING.
- PERMANENT CUT AND FILL SLOPES PLACED ON A SUITABLE FOUNDATION SHOULD BE CONSTRUCTED AT 2:1(HORIZONTAL TO VERTICAL) OR FLATTER. PERMANENT SLOPES OF 3:1 SHOULD BE CONSTRUCTED WHERE MOWING IS DESIRABLE AND AS INDICATED. IF FILL MATERIAL IS BROUGHT ONTO THE PROPERTY OR IF WASTE MATERIAL IS HAULLED FROM THE PROPERTY THEN THE CONTRACTOR SHALL DISCLOSE THE LOCATION OF ANY ON-SITE AND/OR OFF-SITE BARROW LOCATION AND/OR WASTE BURIAL LOCATION TO THE EROSION CONTROL INSPECTOR.
- CONTRACTOR SHALL BLEND NEW EARTHWORK SMOOTHLY WITH EXISTING CONTOURS.
- ALL STORM SEWER CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH SCDOT AND NEWBERRY COUNTY STANDARDS AND SPECIFICATIONS AND ALL OTHER CITY, STATE AND FEDERAL REGULATIONS AND/OR STANDARDS.
- CATCH BASIN RIM ELEVATIONS ARE GIVEN TO EDGE OF ASPHALT, YARD INLETS TO FINISHED GRADE.
- RIM ELEVATIONS/LOCATIONS GIVEN ON THESE PLANS ARE APPROXIMATE AND ARE FOR INFORMATIONAL PURPOSES ONLY. ACTUAL RIM ELEVATION/LOCATIONS SHALL BE DETERMINED BY CONTRACTOR AND ADJUSTED TO MATCH FIELD CONDITIONS.
- LINEAR FOOTAGE FOR ALL UTILITY PIPES ARE APPROXIMATE. ACTUAL INSTALLED QUANTITIES MAY VARY.
- STORM SEWER LEAD-INS TO BUILDINGS SHALL NOT BE INSTALLED UNTIL BUILDING PLANS ARE COMPLETED AND LOCATIONS ESTABLISHED ON THE ARCHITECTURAL PLANS. LEAD-INS MAY CHANGE 15' HORIZONTALLY AND 3' VERTICALLY PRIOR TO INSTALLATION AT NO ADDITIONAL COST TO THE OWNER. CONTRACTOR SHALL REQUEST AND RECEIVE WRITTEN APPROVAL FROM PRIME CONTRACTOR PRIOR TO INSTALLATION OF LEAD-INS. CONTRACTOR SHALL COORDINATE LOCATIONS, SIZE AND INVERT ELEVATIONS OF STORM SEWERS WITH APPROVED BUILDING PLUMBING PLANS. STORM SEWER LEAD-INS SHALL HAVE A MINIMUM OF 1.0% SLOPE.
- ALL STRUCTURES BEGINNING WITH "DB" (I.E. DB-143) SHALL BE ADS 30" DRAIN BASIN WITH 30" DROP IN GRATE (MINIMUM)(OR APPROVED EQUAL). NOTE: CONTRACTOR MAY NEED TO INCREASE DRAIN BASIN SIZE BASED ON PROPOSED PIPE SIZE(S) AND/OR ANGLE(S). CONTRACTOR SHALL VERIFY DRAIN BASIN SIZE PRIOR TO CONSTRUCTION/PURCHASING.
- STORM DRAIN PIPE TO FOLLOW THE APPROVED NCDOT STANDARDS AND SPECIFICATIONS. RCP STORM DRAINAGE PIPE INSTALLED WITHIN EXISTING OR PROPOSED PUBLIC RIGHT-OF-WAY MUST BE APPROVED BY THE INSPECTOR PRIOR TO ANY BACKFILL BEING PLACED. BACKFILL MATERIAL MUST BE APPROVED BY THE INSPECTOR PRIOR TO PLACEMENT OF THE MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY.
 - ALL RCP PIPE INSTALLED MUST BE INSPECTED AND APPROVED BY THE INSPECTOR PRIOR TO ANY BACKFILL BEING PLACED. THE INSPECTOR MUST BE PRESENT DURING THE BACKFILLING OPERATION AS WELL.
 - BACKFILL MATERIAL USED TO INSTALL RCP PIPE WITHIN THE STREET RIGHT-OF-WAY SHALL BE SELECT MATERIAL, CLASS II-IV, AS DEFINED BY SECTION 1016-3 OF THE NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. UPON SUBMITTAL OF WRITTEN CERTIFICATION OF MATERIAL SUITABILITY BY A LICENSED GEOTECHNICAL ENGINEER, NCDOT CLASS I SELECT MATERIAL MAY BE USED. ALL BACKFILL MATERIAL SHALL BE APPROVED BY THE INSPECTOR PRIOR TO PLACEMENT OF THE MATERIAL WITHIN THE STREET RIGHT-OF-WAY.
- CONSTRUCTION OF RETAINING WALL(S) CANNOT BEGIN UNTIL ALL NECESSARY PERMITS ARE ACQUIRED.
- PLEASE ENSURE THAT A TWENTY (20) FOOT MINIMUM BUFFER IS PROVIDED BETWEEN THE PROPERTY LINE AND THE DISCHARGE POINT.
- IF RETAINING WALLS OR FILL SLOPES ARE TO BE CONSTRUCTED AT THE DOWNSTREAM PROPERTY LINE, THE DEPARTMENT RECOMMENDS A 10' BUFFER TO ALLOW FOR CONSTRUCTION AND MAINTENANCE. IF A 10' BUFFER IS NOT PROVIDED, THEN PROVIDE PERMISSION FROM THE ADJACENT PROPERTY OWNER FOR POSSIBLE LAND-DISTURBING ACTIVITIES ON HIS PROPERTY.

EROSION CONTROL NOTES:

- GROUND COVER ON EXPOSED SLOPES SHALL BE APPLIED WITHIN 14 WORKING DAYS FOLLOWING COMPLETION OF ANY PHASE OF GRADING. PERMANENT GROUND COVER FOR ALL DISTURBED AREAS SHALL BE APPLIED WITHIN 15 WORKING DAYS OR 60 CALENDAR DAYS, WHICHEVER IS SOONER. SLOPES LEFT EXPOSED WILL, WITHIN 14 CALENDAR DAYS OF COMPLETION OF ANY PHASE OF GRADING, BE PLANTED OR OTHERWISE PROVIDED WITH TEMPORARY OR PERMANENT GROUND COVER, DEVICES, OR STRUCTURES SUFFICIENT TO RESTRAIN EROSION.
- NO LAND DISTURBING ACTIVITY, EXCEPT THAT WHICH IS REQUIRED TO INSTALL EROSION CONTROL MEASURES, MAY COMMENCE PRIOR TO APPROVAL BY THE DIRECTOR OF DEVELOPMENT SERVICES.
- ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BASED UPON SPECIFIC SITE CONDITIONS.
- SCHEDULE A PRE- CONSTRUCTION MEETING PRIOR TO ANY LAND DISTURBING ACTIVITY.
- REMOVE ALL TEMPORARY EROSION CONTROL DEVICES AND STRUCTURES ONLY AFTER SITE IS FULLY STABILIZED AND APPROVAL HAS BEEN OBTAINED.
- ALL EROSION CONTROL DESIGNS SHALL BE IN ACCORDANCE WITH SCDOT, CITY OF NEWBERRY, AND THE SCDES DESIGN MANUAL, LATEST EDITION.
- FOR PHASED EROSION CONTROL PLANS, THE CONTRACTOR SHALL MEET WITH THE EROSION CONTROL SPECIALIST PRIOR TO COMMENCING EACH PHASE OF EROSION CONTROL MEASURES.
- SITE GRADING IS TO BE COVERED UNDER THE GENERAL STORMWATER PERMIT NCG010000. ANY LAND DISTURBING ACTIVITY > 1 ACRE REQUIRES COMPLIANCE WITH ALL CONDITIONS OF THIS GENERAL PERMIT UNDER THE NPDES. ANY NONCOMPLIANCE IS A VIOLATION OF THE CLEAN WATER ACT AND MAY REQUIRE ENFORCEMENT.
- CONTRACTOR IS TO KEEP STREET CLEAR OF MUD AND OTHER DEBRIS.
- SILT SACKS WILL BE PLACED IN BASINS/INLETS ALONG ROADWAYS AFTER INITIAL ASPHALT SURFACE WORK IS COMPLETED.
- THE FINANCIALLY RESPONSIBLE PARTY/AGENT OR THE LANDOWNER/AGENT OF A LAND DISTURBING ACTIVITY IS REQUIRED TO SELF-INSPECT THE PROJECT. A SELF INSPECTION, AS WELL AS DOCUMENTATION OF A PROJECT AFTER EACH PHASE OF THE PROJECT, IS REQUIRED.

EROSION CONTROL MAINTENANCE PLAN

- AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS MUST BE CONDUCTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK, WITH NO TIME PERIOD BETWEEN INSPECTIONS EXCEEDING 9 DAYS, AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE. IT IS RECOMMENDED THAT BMPs BE ASSESSED BY THE CONTRACTOR WITHIN 24 HOURS OF THE END OF A STORM EVENT OF 1.0 INCH OR GREATER, AS WELL AS DURING THE FIRST RAIN EVENT AFTER THE INITIATION OF CONSTRUCTION ACTIVITIES, AFTER THE INSTALLATION OF BMPs.
- ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
- SEDIMENT WILL BE REMOVED FROM BEHIND THE SILT FENCE WHEN IT BECOMES 1/3RD THE HEIGHT OF THE FENCE.
- ALL AREAS WILL BE FERTILIZED, RESEEDDED AS NECESSARY, AND MULCHED ACCORDING TO SPECIFICATIONS IN THE VEGETATIVE PLAN TO MAINTAIN A VIGOROUS, DENSE VEGETATIVE COVER.
- STONE CONSTRUCTION ENTRANCE TO BE CLEANED WHEN SEDIMENT ACCUMULATIONS ARE VISIBLE OR SEDIMENT IS TRACKED ON TO THE PAVEMENT. THE FIRST 50' OF THE ENTRANCE ADJACENT TO THE ROAD WILL BE PERIODICALLY TOP DRESSED WITH 2 INCHES OF #4 STONE TO MAINTAIN A 6 INCH DEPTH. THE REMAINDER OF THE CONSTRUCTION ENTRANCE WILL BE CLASS A STONE. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.
- CONTRACTOR SHALL TAKE ADDITIONAL STEPS AS NEEDED TO ENSURE REESTABLISHMENT OF VEGETATION IS ACHIEVED IN WETLAND AREAS ON A CASE BY CASE BASIS.

STANDARD -- EROSION CONTROL NOTES

- IF NECESSARY, SLOPES, WHICH EXCEED EIGHT (8) VERTICAL FEET SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS. IN ADDITION TO HYDROSEEDING, IT MAY BE NECESSARY TO INSTALL TEMPORARY SLOPE DRAINS DURING CONSTRUCTION. TEMPORARY BERMS MAY BE NEEDED UNTIL THE SLOPE IS BROUGHT TO GRADE.
- STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN FOURTEEN (14) DAYS AFTER WORK HAS CEASED, EXCEPT AS STATED BELOW:
 - WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE.
 - WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 14 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.
- AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS MUST BE CONDUCTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK, WITH NO TIME PERIOD BETWEEN INSPECTIONS EXCEEDING 9 DAYS, AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE. BMPs SHALL BE ASSESSED BY THE CONTRACTOR WITHIN 24 HOURS OF THE END OF A STORM EVENT OF 1.0 INCH OR GREATER, AS WELL AS DURING THE FIRST RAIN EVENT AFTER THE INITIATION OF CONSTRUCTION ACTIVITIES, AFTER THE INSTALLATION OF THE BMPs.
- PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEANED, GRADED, AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION. FILL, COVER, AND TEMPORARY SEEDING AT THE END OF EACH DAY ARE RECOMMENDED. IF WATER IS ENCOUNTERED WHILE TRENCHING, THE WATER SHOULD BE FILTERED TO REMOVE ANY SEDIMENTS BEFORE BEING PUMPED BACK INTO ANY WATERS OF THE STATE.
- ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
- THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO PAVED ROADWAY(S) FROM CONSTRUCTION AREAS AND THE GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.
- RESIDENTIAL SUBDIVISIONS REQUIRE EROSION CONTROL FEATURES FOR INFRASTRUCTURE AS WELL AS FOR INDIVIDUAL LOT CONSTRUCTION. INDIVIDUAL PROPERTY OWNERS SHALL FOLLOW THESE PLANS DURING CONSTRUCTION OR OBTAIN APPROVAL OF AN INDIVIDUAL PLAN IN ACCORDANCE WITH S.C. REG. 72--300 et seq. AND SCRT10000.
- TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR TO DIVERT SEDIMENT-LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.
- ALL WATERS OF THE STATE (WOS), INCLUDING WETLANDS, ARE TO BE FLAGGED OR OTHERWISE CLEARLY MARKED IN THE FIELD. A DOUBLE ROW OF SILT FENCE IS TO BE INSTALLED IN ALL AREAS WHERE A 50-FOOT BUFFER CAN'T BE MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WOS. A 10-FOOT BUFFER SHOULD BE MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE AND ALL WOS.
- LITTER, CONSTRUCTION DEBRIS, OILS, FUELS, AND BUILDING PRODUCTS WITH SIGNIFICANT POTENTIAL FOR IMPACT (SUCH AS STOCKPILES OF FRESHLY TREATED LUMBER) AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORM WATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORM WATER DISCHARGES.
- A COPY OF THE SWPPP, INSPECTIONS RECORDS, AND RAINFALL DATA MUST BE RETAINED AT THE CONSTRUCTION SITE OR A NEARBY LOCATION EASILY ACCESSIBLE DURING NORMAL BUSINESS HOURS, FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE THAT FINAL STABILIZATION IS REACHED.
- INITIATE STABILIZATION MEASURES ON ANY EXPOSED STEEP SLOPE (3H:1V OR GREATER) WHERE LAND DISTURBING ACTIVITIES HAVE PERMANENTLY OR TEMPORARILY CEASED, AND WILL NOT RESUME FOR A PERIOD OF 7 CALENDAR DAYS.
- MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.
- MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATERS. WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE.
- MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DETERIORATING OF TRENCHES AND EXCAVATED AREAS. THESE DISCHARGES ARE TO BE ROUTED THROUGH APPROPRIATE BMPs (SEDIMENT BASIN, FILTER BAG, ETC.).
- THE FOLLOWING DISCHARGES FROM SITES ARE PROHIBITED:
 - WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL;
 - WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS;
 - FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE; AND
 - SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING.
- AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS MUST BE CONDUCTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK, WITH NO TIME PERIOD BETWEEN INSPECTIONS EXCEEDING 9 DAYS, AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE. IT IS RECOMMENDED THAT BMPs BE ASSESSED BY THE CONTRACTOR WITHIN 24 HOURS OF THE END OF A STORM EVENT OF 1.0 INCH OR GREATER, AS WELL AS DURING THE FIRST RAIN EVENT AFTER THE INITIATION OF CONSTRUCTION ACTIVITIES, AFTER THE INSTALLATION OF BMPs.
- IF EXISTING BMPs NEED TO BE MODIFIED OR IF ADDITIONAL BMPs ARE NECESSARY TO COMPLY WITH THE REQUIREMENTS OF THIS PERMIT AND/OR SC'S WATER QUALITY STANDARDS, IMPLEMENTATION MUST BE COMPLETED BEFORE THE NEXT STORM EVENT WHENEVER PRACTICABLE. IF IMPLEMENTATION BEFORE THE NEXT STORM EVENT IS IMPRACTICABLE, THE SITUATION MUST BE DOCUMENTED IN THE SWPPP AND ALTERNATIVE BMPs MUST BE IMPLEMENTED AS SOON AS REASONABLY POSSIBLE.
- A PRE-CONSTRUCTION CONFERENCE MUST BE HELD FOR EACH CONSTRUCTION SITE WITH AN APPROVED ON-SITE SWPPP PRIOR TO THE IMPLEMENTATION OF CONSTRUCTION ACTIVITIES. FOR NON-LINEAR PROJECTS THAT DISTURB 10 ACRES OR MORE THIS CONFERENCE MUST BE HELD ON-SITE UNLESS THE DEPARTMENT HAS APPROVED OTHERWISE.

CONSTRUCTION SEQUENCE

INITIAL PHASE

- RECEIVE NPDES COVERAGE FROM SCDES AND/OR LOCAL MS4.
- CONDUCT ON-SITE PRE-CONSTRUCTION MEETING.
- NOTIFY SCDES OFFICE 48 HOURS PRIOR TO BEGINNING LAND DISTURBANCE ACTIVITIES. MAY ALSO REQUIRE LOCAL REGULATORY NOTIFICATION.
- INSTALLATION OF CONSTRUCTION ENTRANCES, PERIMETER CONTROLS, AND PROJECT TRAFFIC CONTROL, IF NECESSARY.
- BEGIN PERFORMING WEEKLY SWPPP INSPECTIONS UNTIL SITE IS PERMANENTLY STABILIZED.
- INSTALL ALL TEMPORARY EROSION CONTROLS AND DRY SEDIMENT BASINS.
- PREPARE STAGING/STOCKPILE AREAS.
- BEGIN DEMOLITION ACTIVITIES AND CLEAR AND GRUB REMAINING AREAS OF SITE AS INDICATED ON THE PLANS.
- STRIP AND STOCKPILE TOPSOIL AS NOTED IN THE PLANS AND SPECIFICATIONS.
- PERFORM ROUGH GRADING OPERATIONS. INSTALL STORM DRAINAGE IN CONJUNCTION WITH GRADING AND PAVING OPERATIONS
- INSTALL EROSION CONTROL DEVICES AS REQUIRED OR NEEDED AS STORM DRAINAGE IS INSTALLED.
- COMPLETE THE REMAINDER OF THE SITE IMPROVEMENTS, INCLUDING FINE GRADING AND PAVING OPERATIONS.
- CONTINUE WEEKLY SWPPP INSPECTIONS UNTIL SITE IS PERMANENTLY STABILIZED.

FINAL PHASE

- APPLY TOPSOIL AND INITIATE PERMANENT STABILIZATION MEASURES.
- REMOVE TEMPORARY EROSION CONTROL MEASURES AFTER AREA DRAINING TO A STRUCTURE OR OUTFALL IS COMPLETELY STABILIZED, WITH ENGINEER APPROVAL.
- UPON ENGINEER APPROVAL OF COMPLETE STABILIZATION OF THE SITE, REMOVE ALL TEMPORARY EROSION CONTROL MEASURES, AND REMOVE SEDIMENT BUILDUP FROM BOTH SEDIMENT BASINS AND THE STORMWATER CONVEYANCE SYSTEM. FINE GRADE BOTH BASINS, REMOVE SKIMMER, AND CONVERT OUTFALL STRUCTURE TO PERMANENT STORMWATER BMP.
- UPON A MINIMUM OF 70% UNIFORM SITE STABILIZATION, SUBMIT TO THE ENGINEER AN AS-BUILT FIELD SURVEY BY A REGISTERED LAND SURVEYOR OF ALL STORMWATER IMPROVEMENTS INCLUDING BUT NOT LIMITED TO PIPES, STRUCTURE LOCATIONS, INVERTS AND RIM/GRATE ELEVATIONS, CHANNEL/DITCH CROSS SECTIONS AND INFILTRATION POND ELEVATIONS TO VERIFY DESIGN CONFORMANCE.
- SHUT/DITCH OF TERMINATION (NOT) TO SCDES AS APPROPRIATE (BY ENGINEER).



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Seal



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Project



NEWBERRY COUNTY PUBLIC SAFETY COMPLEX

Project Number	23232
Drawn By	MJ/CJL
Checked By	MJ/JHE
Date	09 OCT 24

Revisions		
A	09 OCT 2024	30% SET
B	16 JAN 2026	60% SET
C	18 FEB 2026	90% SET
D	12 MAR 2026	PERMIT SET
E	06 MAY 2026	ADDENDUM 2

Drawing

EROSION & SEDIMENT CONTROL NOTES

C0.2



DP3
ARCHITECTS

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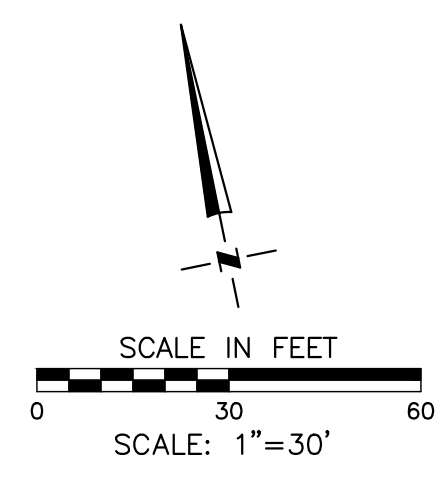
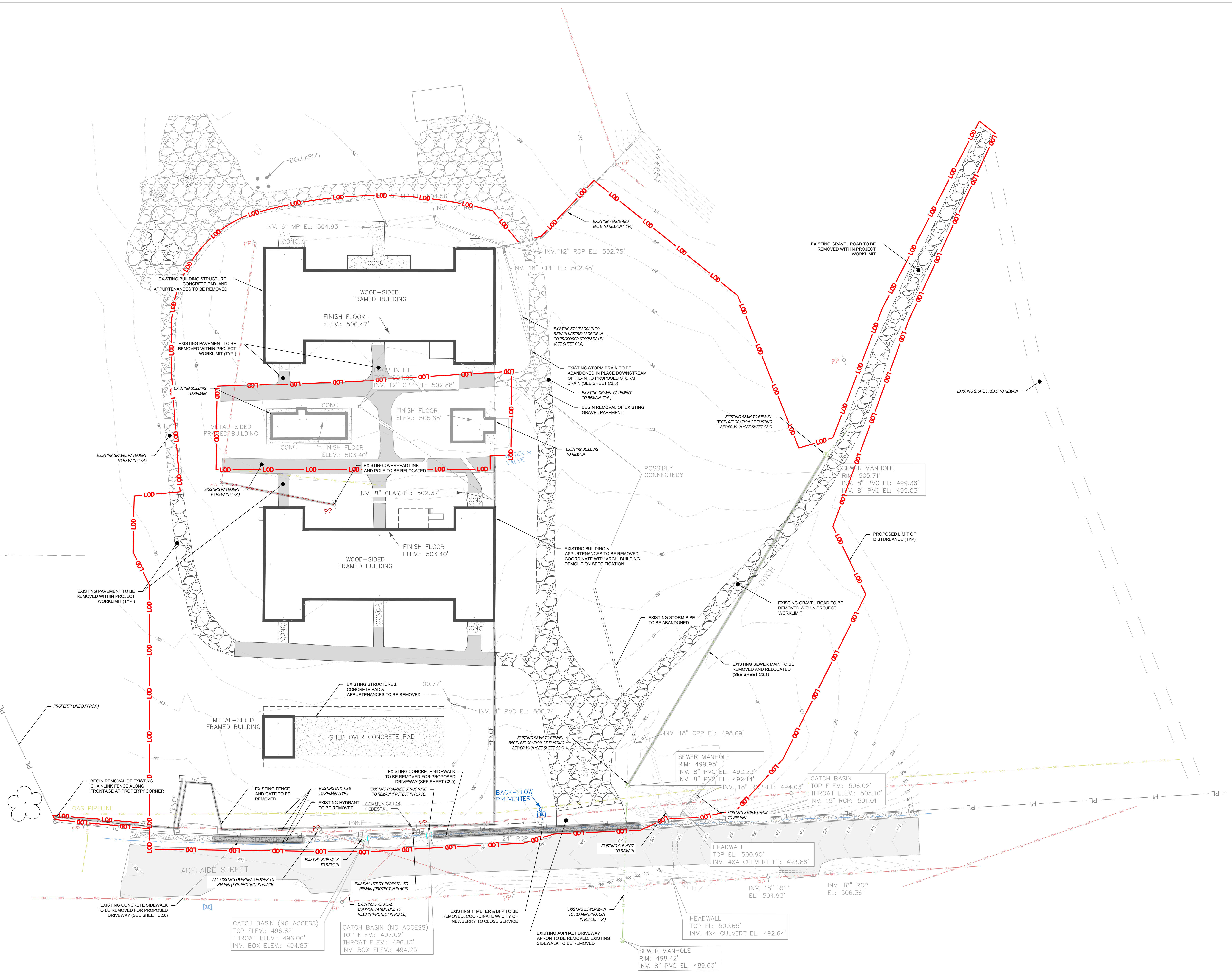


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PUBLIC SAFETY
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SITE DATA

EXISTING USE:
 PROPOSED USE: PUBLIC SAFETY FACILITY
 PUBLIC SAFETY FACILITY (INSTITUTIONAL)

DISTURBED AREA: ±6.0 AC

EXISTING IMPERVIOUS AREA: 1.95 AC
 PROPOSED IMPERVIOUS AREA: 2.01 AC (PROPOSED) / 2.76 AC (FUTURE)

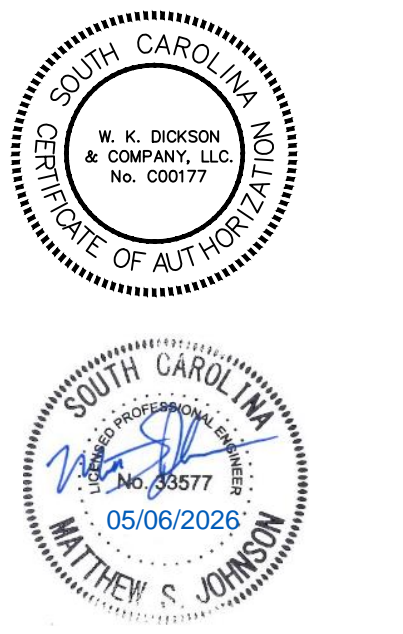
ZONING: D-1 (DEVELOPMENT DISTRICT)
 MAX. STRUCTURE HEIGHT = 35 FT
 SETBACKS - 40 FT (FRONT), 15 FT (SIDE), 30 FT (REAR)

EXISTING PARKING SPACES: 7 TOTAL (APPROX.)
 PROPOSED PARKING SPACES: 14 TOTAL

PROPOSED ADA ACCESSIBLE PARKING SPACES: 1



WKD PROJECT NO. - 20231098.00.GV



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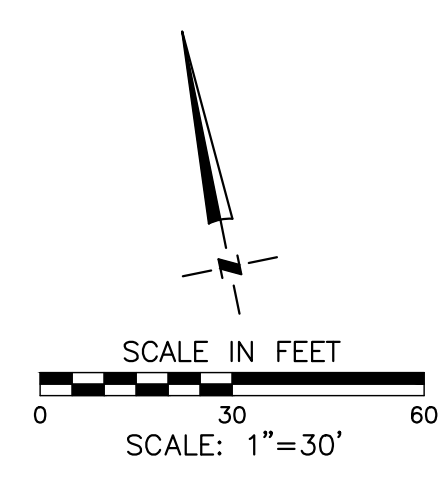
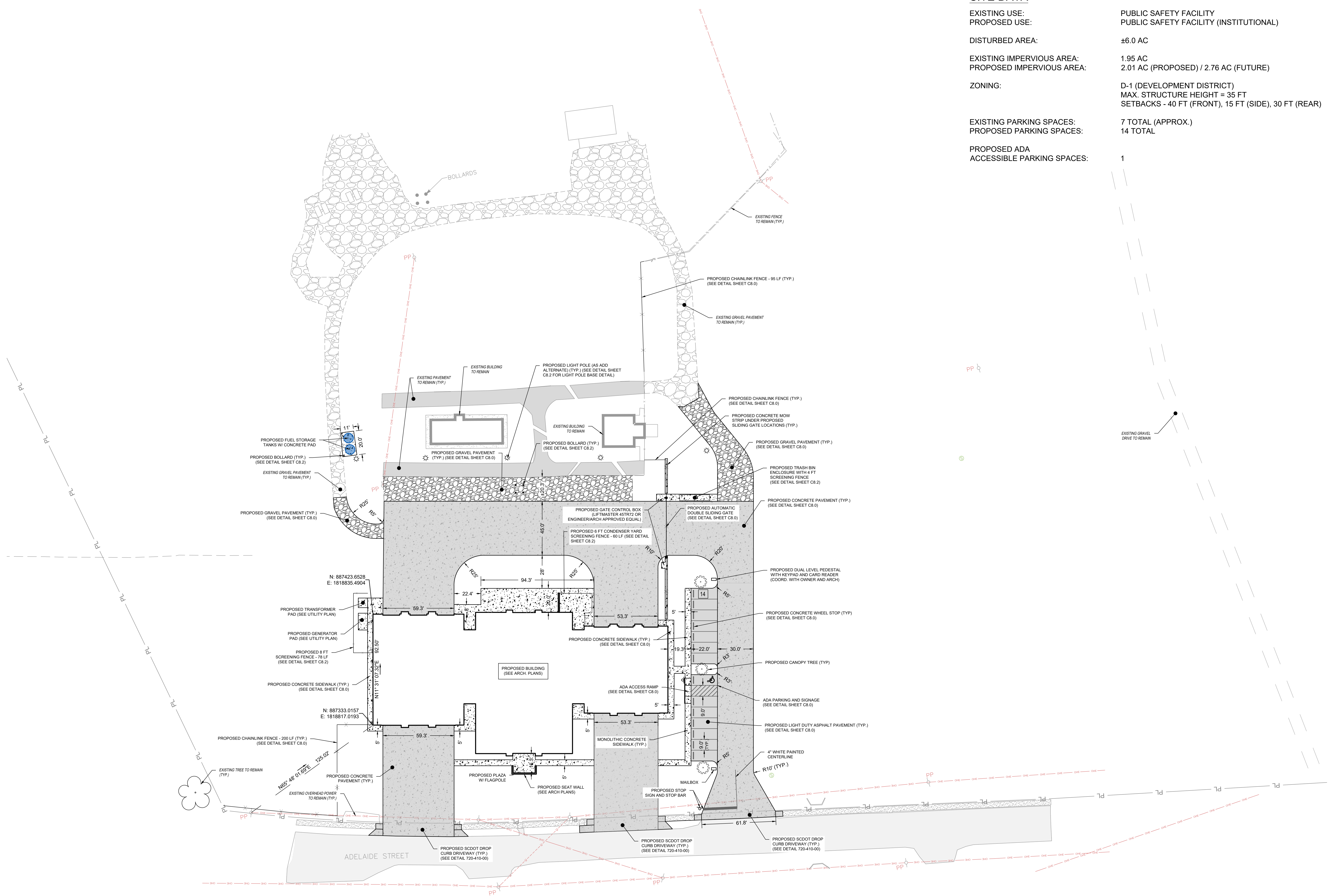
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NEWBERRY COUNTY PUBLIC SAFETY COMPLEX

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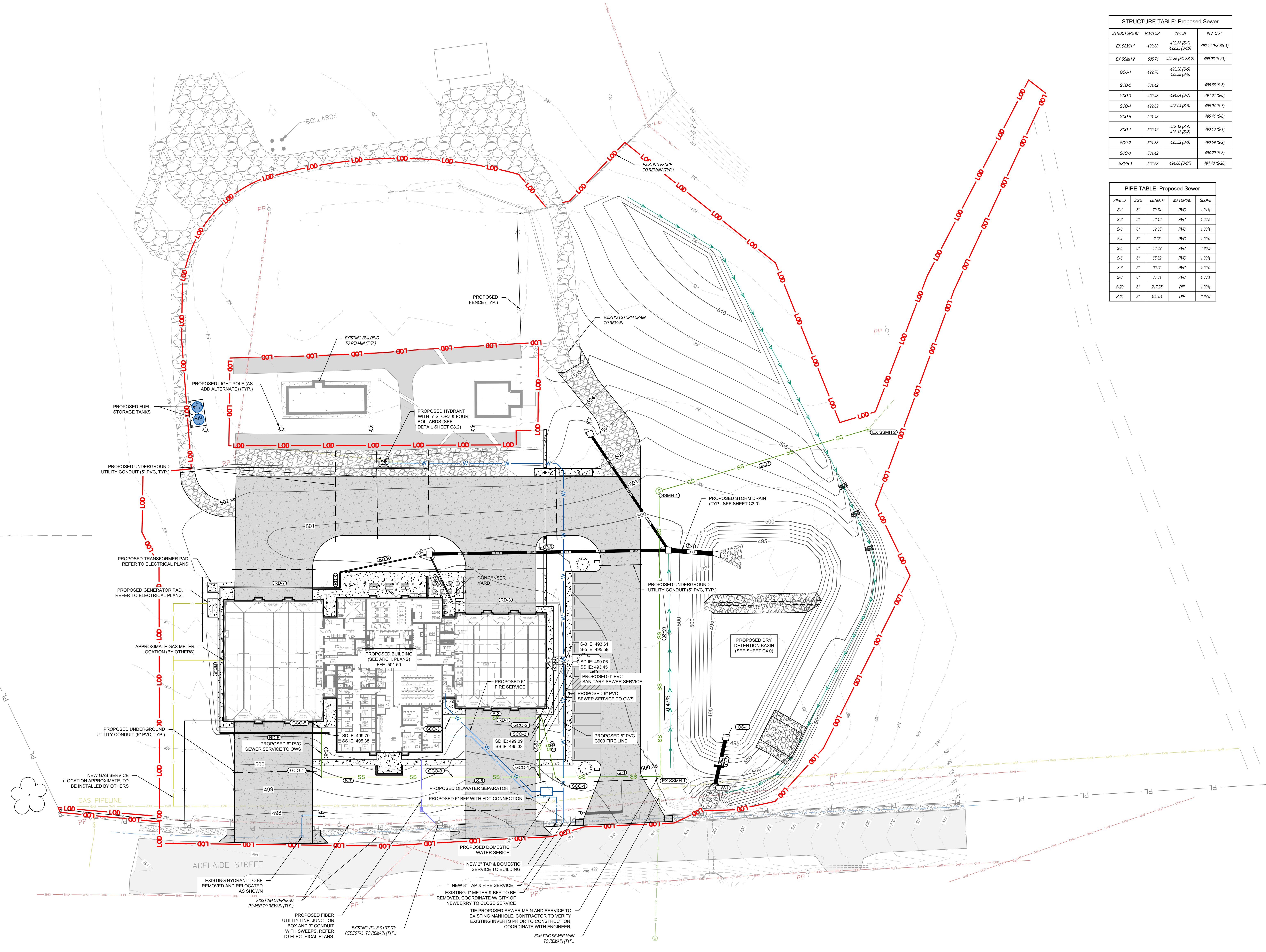
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Drawing
 SITE LAYOUT PLAN

C2.0

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STRUCTURE TABLE: Proposed Sewer

STRUCTURE ID	R/W TOP	IN. IN	IN. OUT
EX SSMH 1	499.80	492.33 (S-20)	492.14 (EX SS-1)
EX SSMH 2	505.71	499.36 (EX SS-2)	499.03 (S-21)
GCD-1	499.76	493.38 (S-6)	493.38 (S-5)
GCD-2	501.42		495.06 (S-5)
GCD-3	499.43	494.04 (S-7)	494.04 (S-6)
GCD-4	499.69	495.04 (S-8)	495.04 (S-7)
GCD-5	501.43		495.41 (S-8)
SOD-1	500.12	493.13 (S-4)	493.13 (S-1)
SOD-2	501.33	493.99 (S-3)	493.99 (S-2)
SOD-3	501.42		494.29 (S-3)
SSMH-1	500.63	494.60 (S-21)	494.40 (S-20)

PIPE TABLE: Proposed Sewer

PIPE ID	SIZE	LENGTH	MATERIAL	SLOPE
S-1	6"	79.74'	PVC	1.01%
S-2	6"	45.10'	PVC	1.00%
S-3	6"	69.85'	PVC	1.00%
S-4	6"	2.85'	PVC	1.00%
S-5	6"	46.89'	PVC	4.86%
S-6	6"	65.82'	PVC	1.00%
S-7	6"	89.89'	PVC	1.00%
S-8	6"	36.81'	PVC	1.00%
S-20	6"	217.25'	DP	1.01%
S-21	6"	166.04'	DP	2.67%



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WKD PROJECT NO. : 20231098.00.GV

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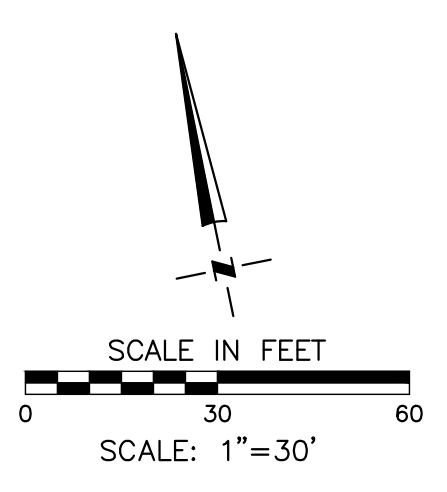
Project



**NEWBERRY COUNTY
PUBLIC SAFETY
COMPLEX**

Project Number 23232
Drawn By MJ/CJL
Checked By MJ/JHE
Date 09 OCT 24

- Revisions
- A 09 OCT 2024 30% SET
 - B 16 JAN 2026 60% SET
 - C 18 FEB 2026 90% SET
 - D 12 MAR 2026 PERMIT SET
 - E 06 MAY 2026 ADDENDUM 2

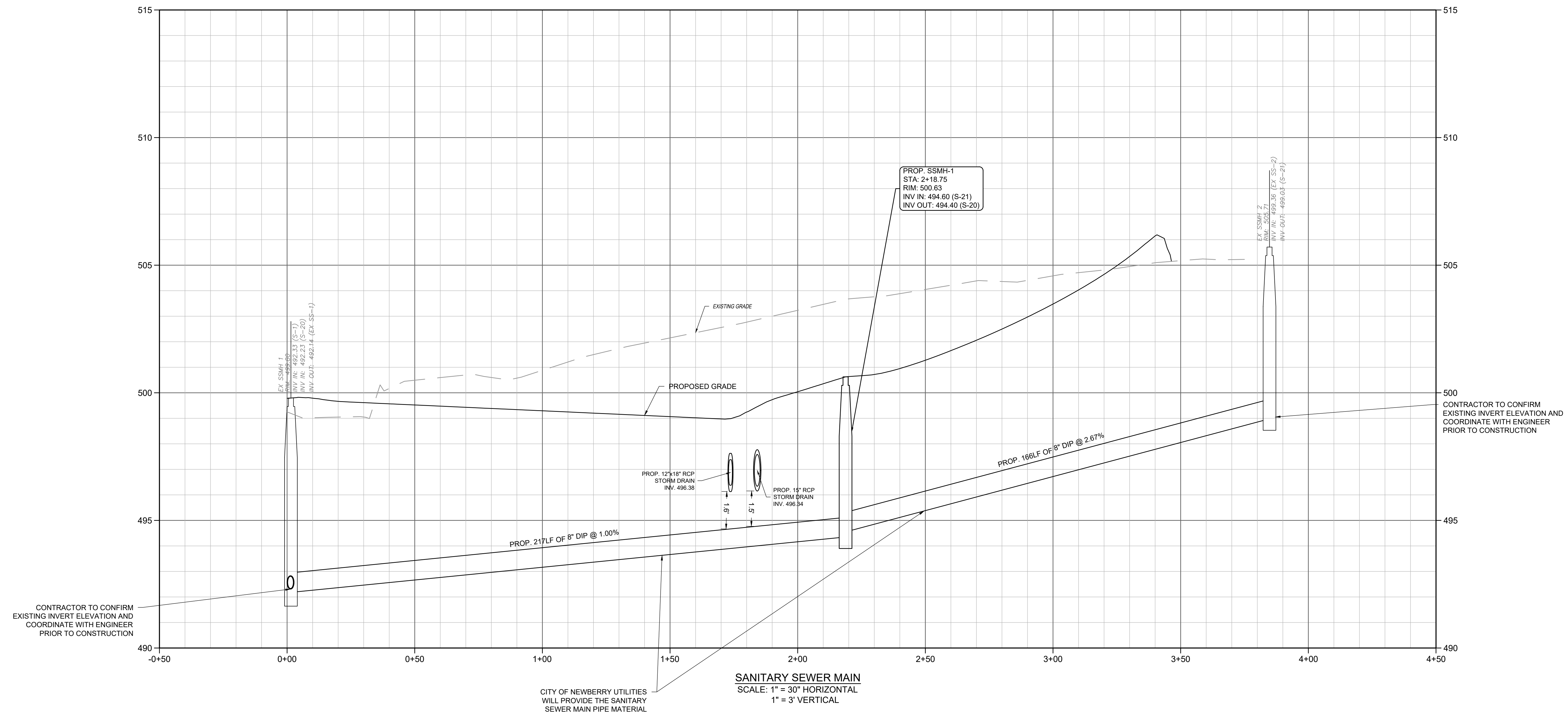


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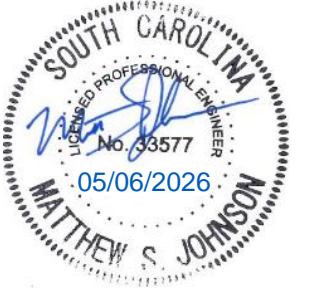
UTILITY PLAN

C2.1

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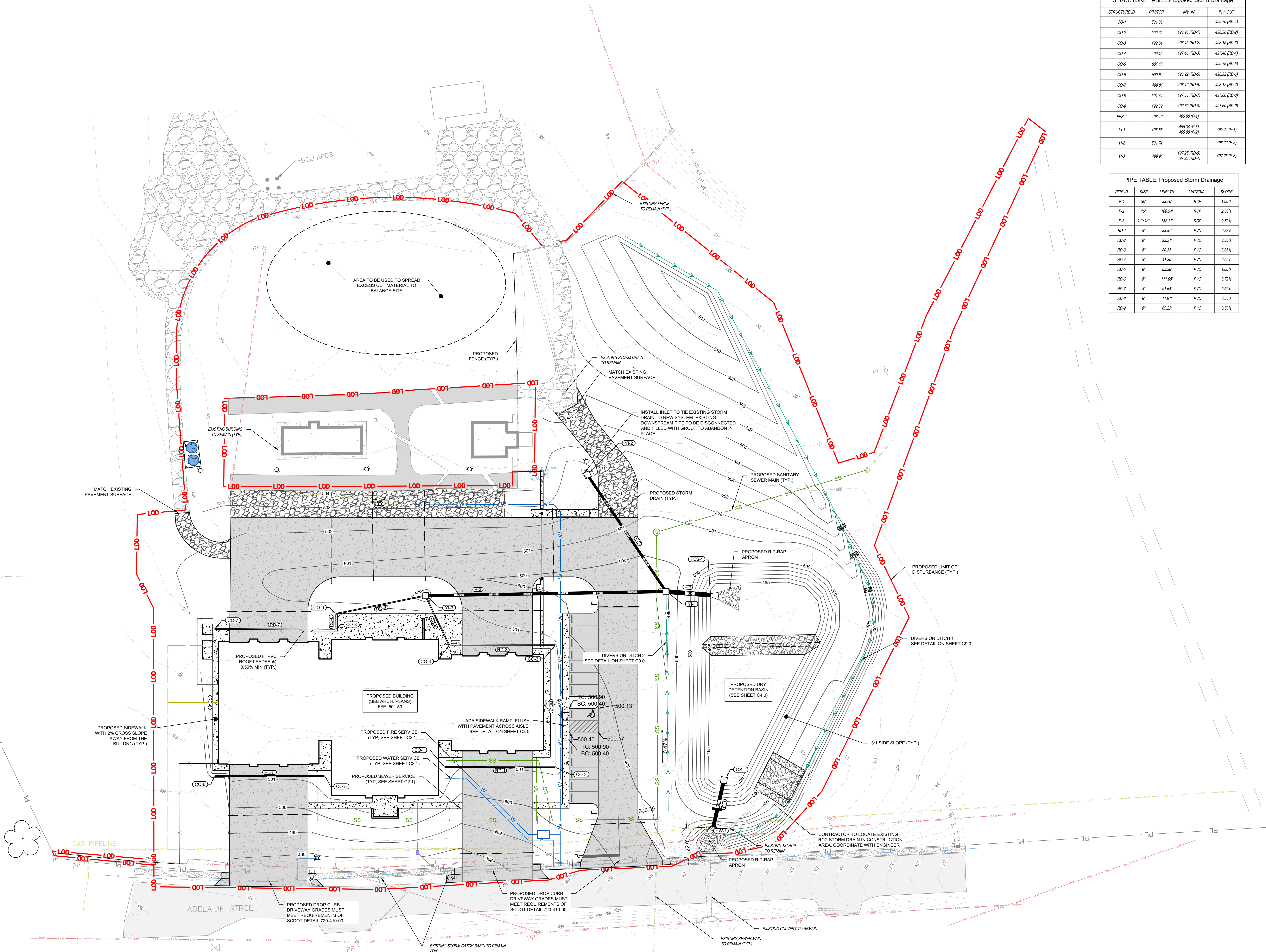
Drawing

SANITARY SEWER
PROFILE

C2.2

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PL 01/23/2024 11:58:48 AM C:\Users\johnd\OneDrive\Documents\20240901\Newberry County Public Safety Complex\DWG\C3.0 GRADING AND SITE UTILITY PLAN.dwg



STRUCTURE TABLE: Proposed Storm Drainage			
STRUCTURE ID	RIM/TOP	INV. IN	INV. OUT
CO-1	501.08		498.70 (RD-1)
CO-2	500.65	498.96 (RD-1)	498.96 (RD-2)
CO-3	499.84	498.15 (RD-2)	498.15 (RD-3)
CO-4	499.15	497.46 (RD-3)	497.46 (RD-4)
CO-5	501.11		498.75 (RD-5)
CO-6	500.61	498.92 (RD-5)	498.92 (RD-6)
CO-7	499.81	498.12 (RD-6)	498.12 (RD-7)
CO-8	501.34	497.68 (RD-7)	497.68 (RD-8)
CO-9	499.39	497.69 (RD-8)	497.69 (RD-9)
FES-1	498.42	495.00 (P-1)	
Y1-1	498.68	498.34 (P-3)	495.34 (P-1)
Y1-2	501.74	498.08 (P-2)	498.22 (P-2)
Y1-3	499.91	497.25 (RD-4)	497.25 (P-3)

PIPE TABLE: Proposed Storm Drainage			
PIPE ID	SIZE	LENGTH	MATERIAL / SLOPE
P-1	30"	33.70'	RCP / 1.00%
P-2	18"	106.54'	RCP / 2.00%
P-3	12"x18"	162.11'	RCP / 0.80%
RD-1	8"	83.67'	PVC / 0.88%
RD-2	8"	92.31'	PVC / 0.88%
RD-3	8"	89.37'	PVC / 0.88%
RD-4	8"	41.80'	PVC / 0.93%
RD-5	8"	83.28'	PVC / 1.00%
RD-6	8"	111.08'	PVC / 0.72%
RD-7	8"	91.64'	PVC / 0.93%
RD-8	8"	11.91'	PVC / 0.93%
RD-9	8"	69.22'	PVC / 0.93%



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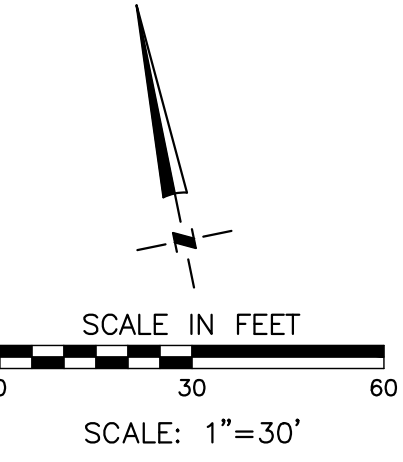
Project



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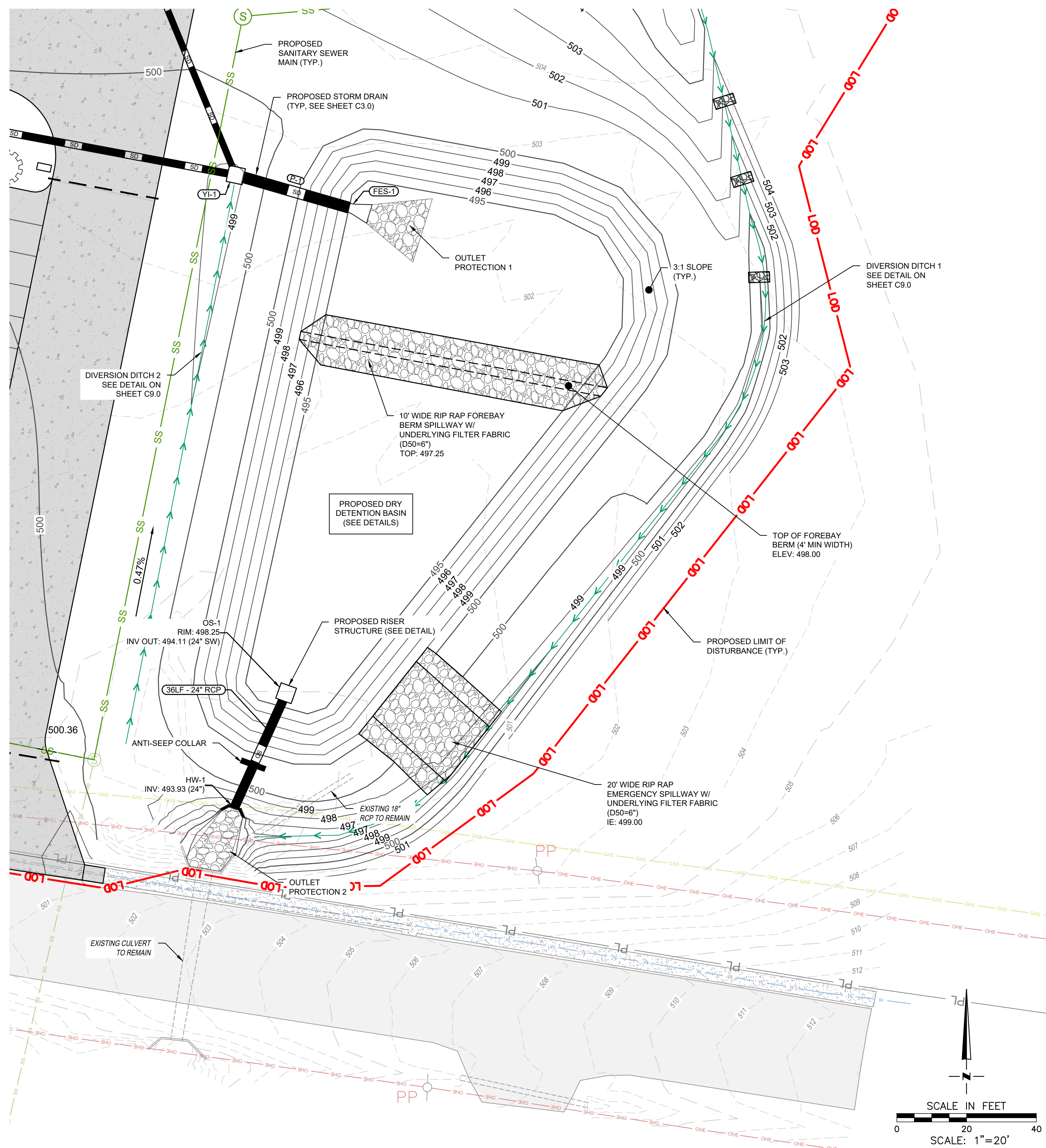
Drawing
GRADING &
DRAINAGE AND SITE
UTILITY PLAN

C3.0

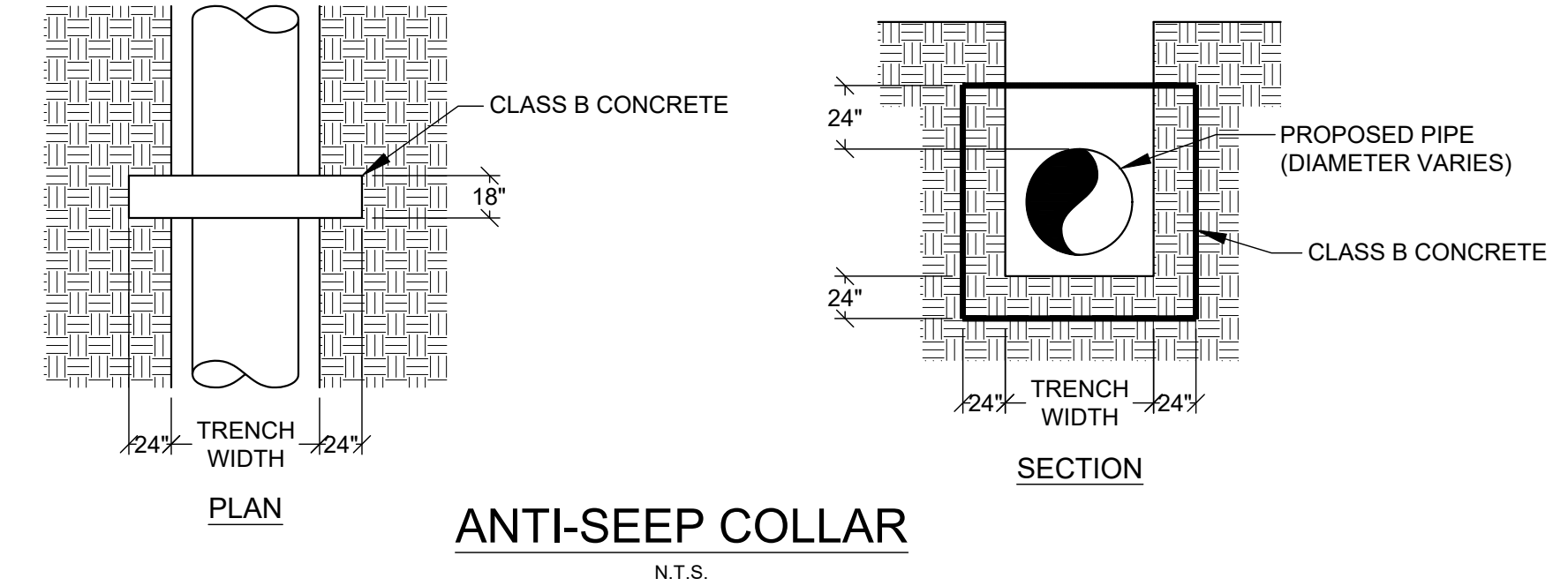
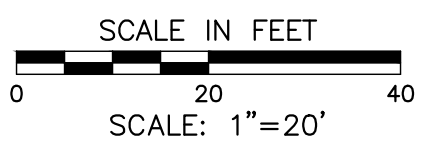


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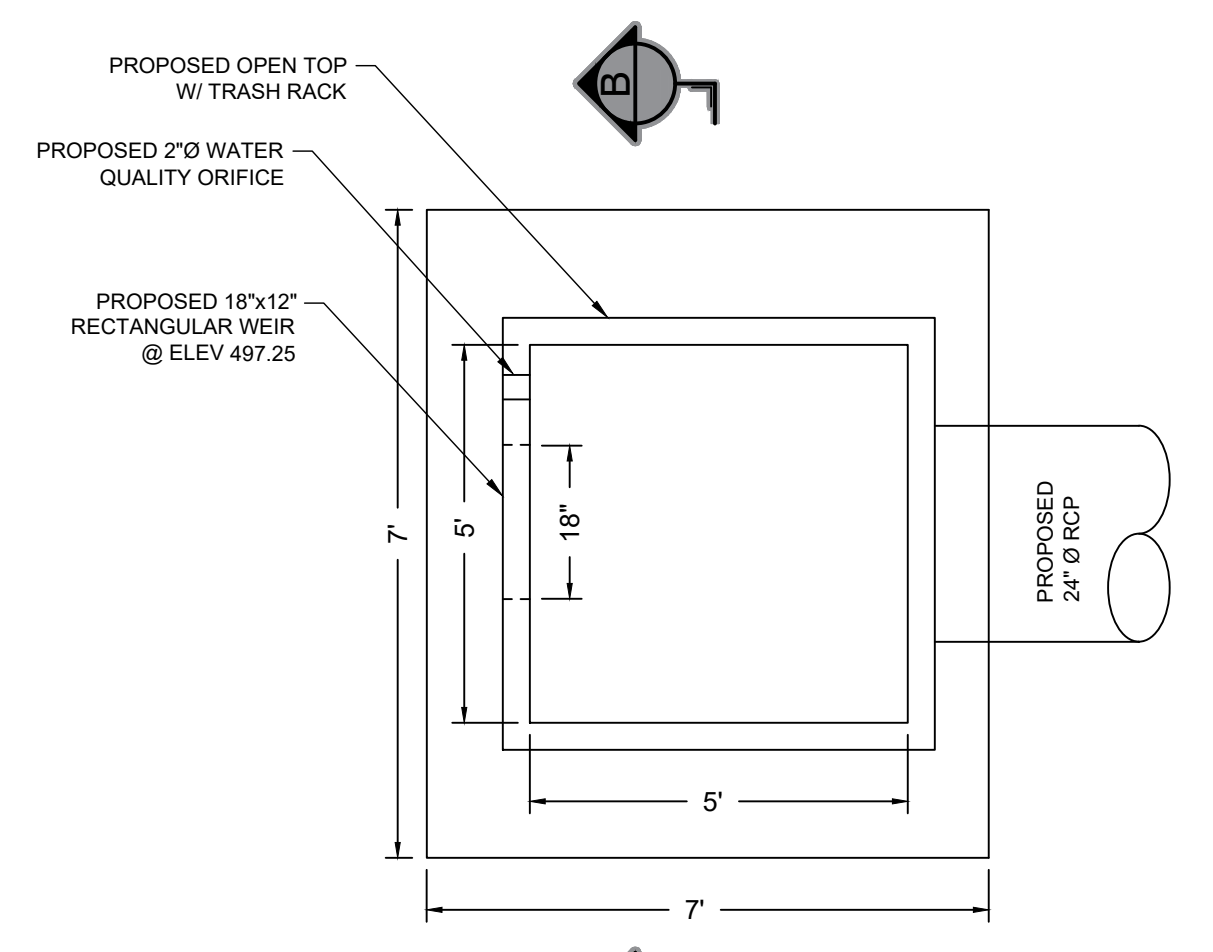
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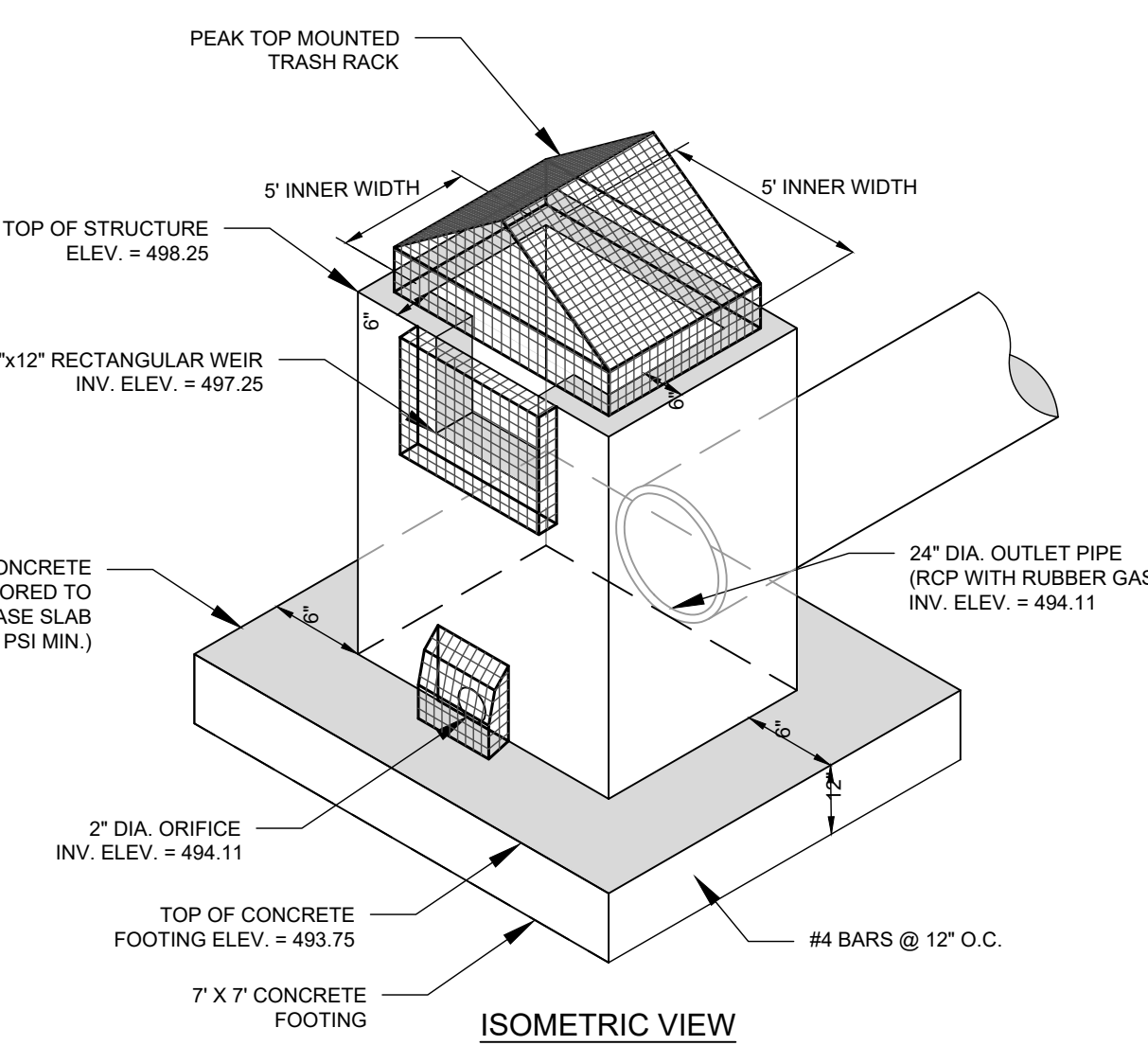
DETENTION POND 1 PLAN VIEW



ANTI-SEEP COLLAR
N.T.S.



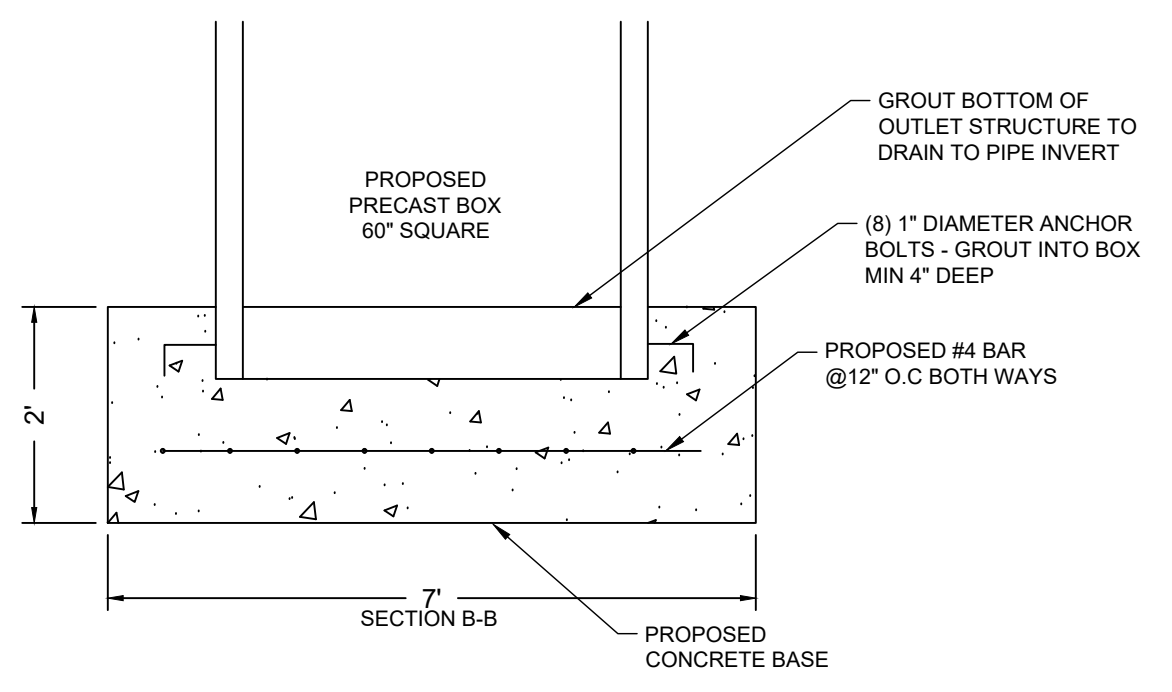
OUTLET CONTROL STRUCTURE PLAN VIEW
NOT TO SCALE



ISOMETRIC VIEW

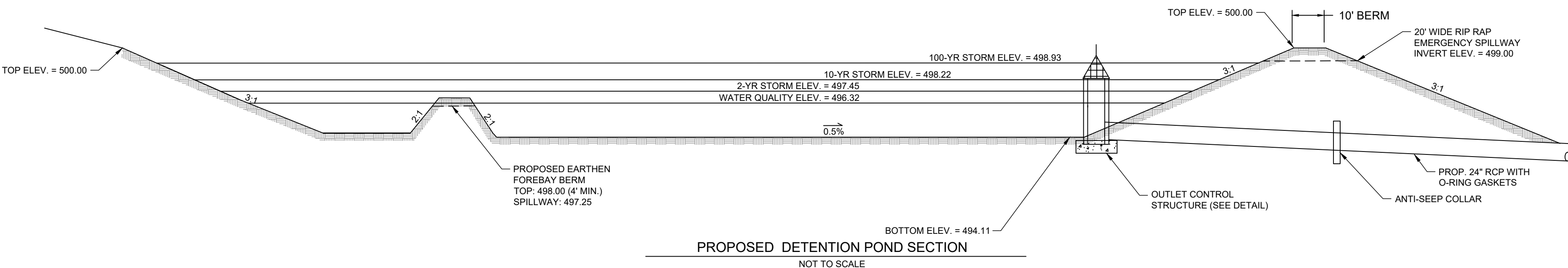
DRY POND 1 OUTLET STRUCTURE
NOT TO SCALE

- INSPECTION AND MAINTENANCE**
1. REGULAR INSPECTION AND MAINTENANCE IS CRITICAL TO THE EFFECTIVE OPERATION OF DRY PONDS AS DESIGNED. MAINTENANCE RESPONSIBILITY FOR A POND SHOULD BE VESTED WITH A RESPONSIBLE AUTHORITY BY MEANS OF A LEGALLY BINDING AND ENFORCEABLE MAINTENANCE AGREEMENT THAT IS EXECUTED AS A CONDITION OF PLAN APPROVAL.
 2. INSPECTIONS SHOULD BE CONDUCTED SEMI-ANNUALLY AND AFTER SIGNIFICANT STORM EVENTS TO IDENTIFY POTENTIAL PROBLEMS EARLY. MOST MAINTENANCE EFFORTS WILL NEED TO BE DIRECTED TOWARD VEGETATION MANAGEMENT AND BASIC HOUSEKEEPING PRACTICES SUCH AS REMOVAL OF DEBRIS ACCUMULATIONS AND VEGETATION MANAGEMENT TO ENSURE THAT THE POND DEWATERS COMPLETELY TO PREVENT MOSQUITO AND OTHER HABITATS.

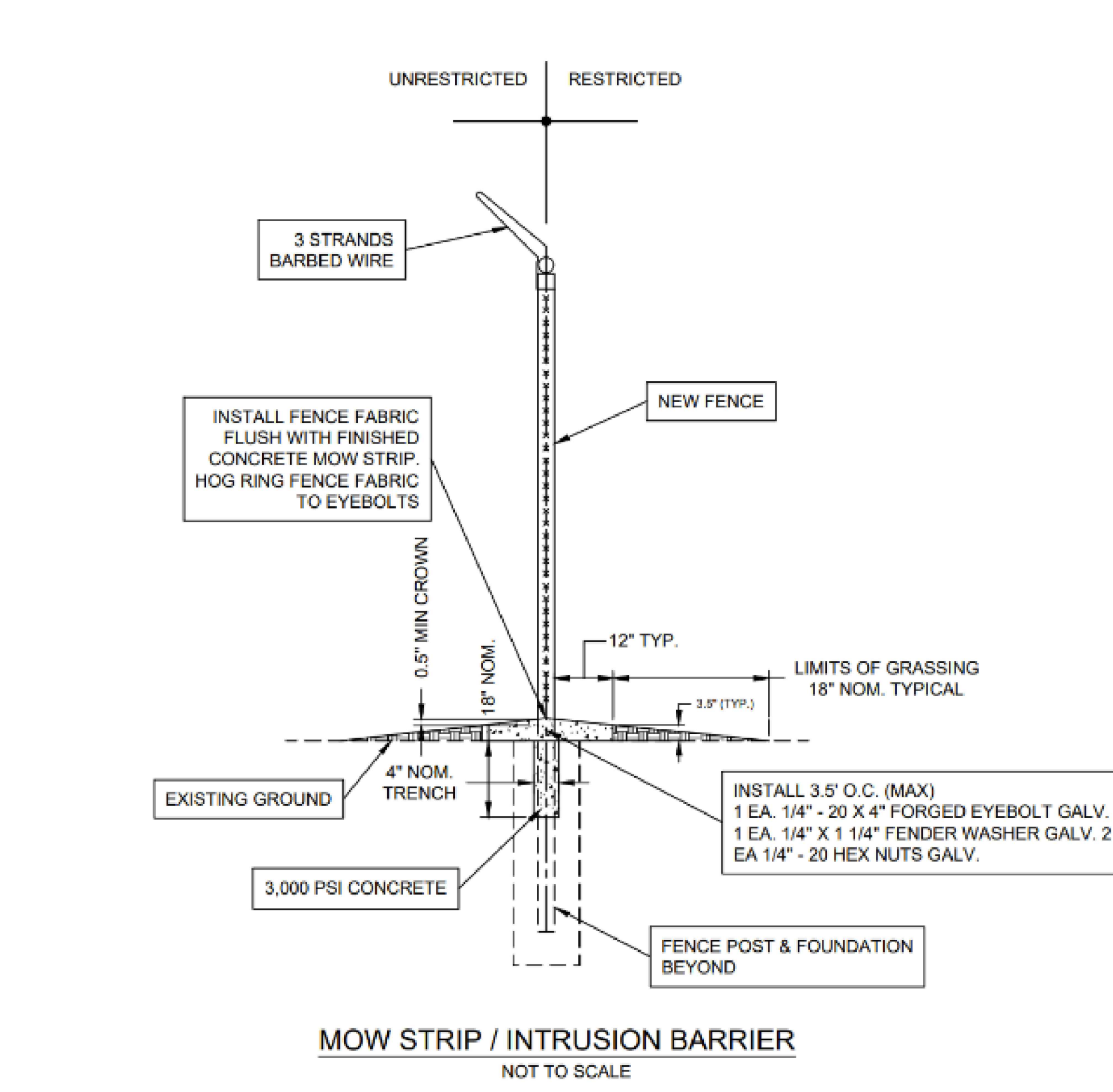
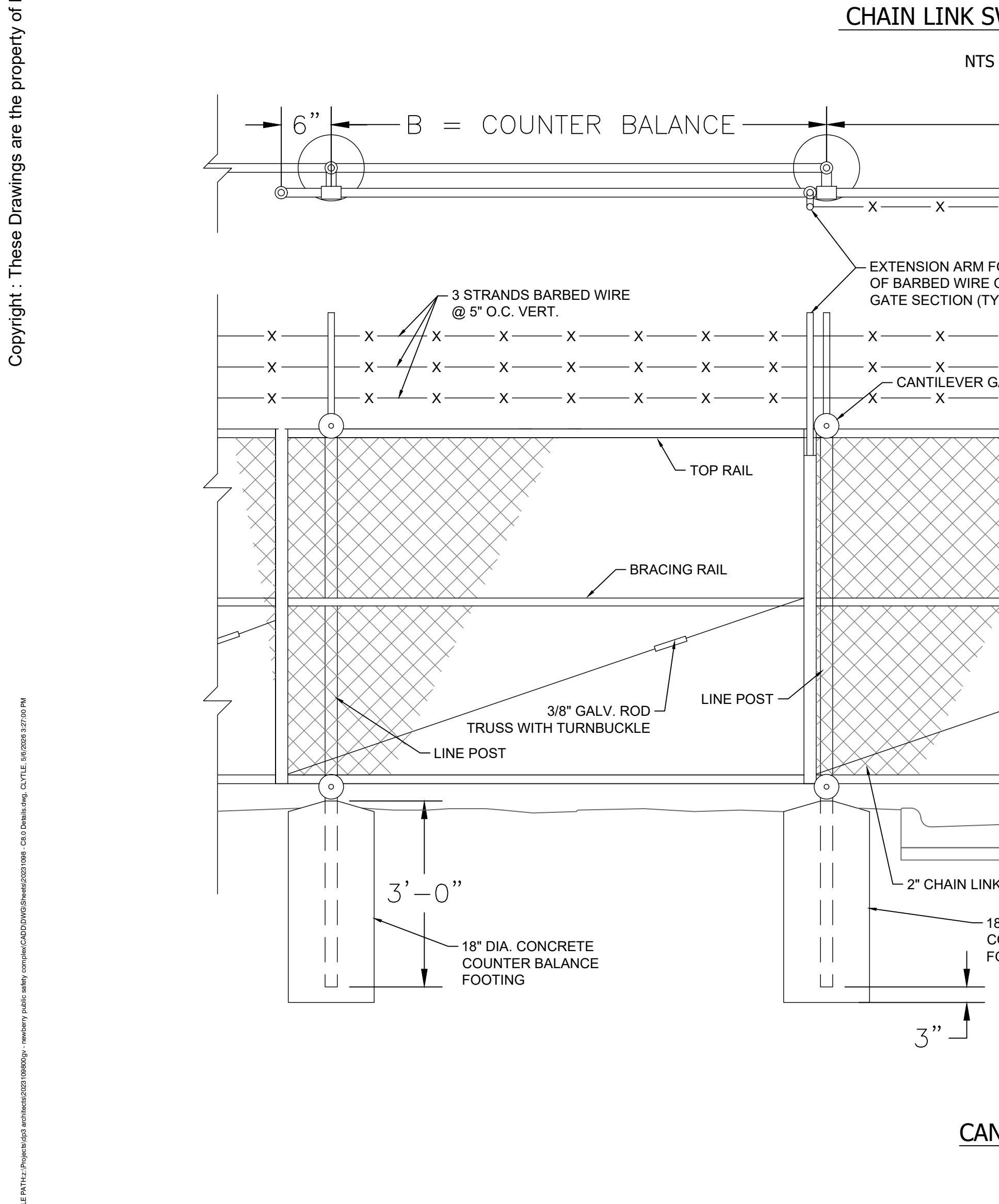
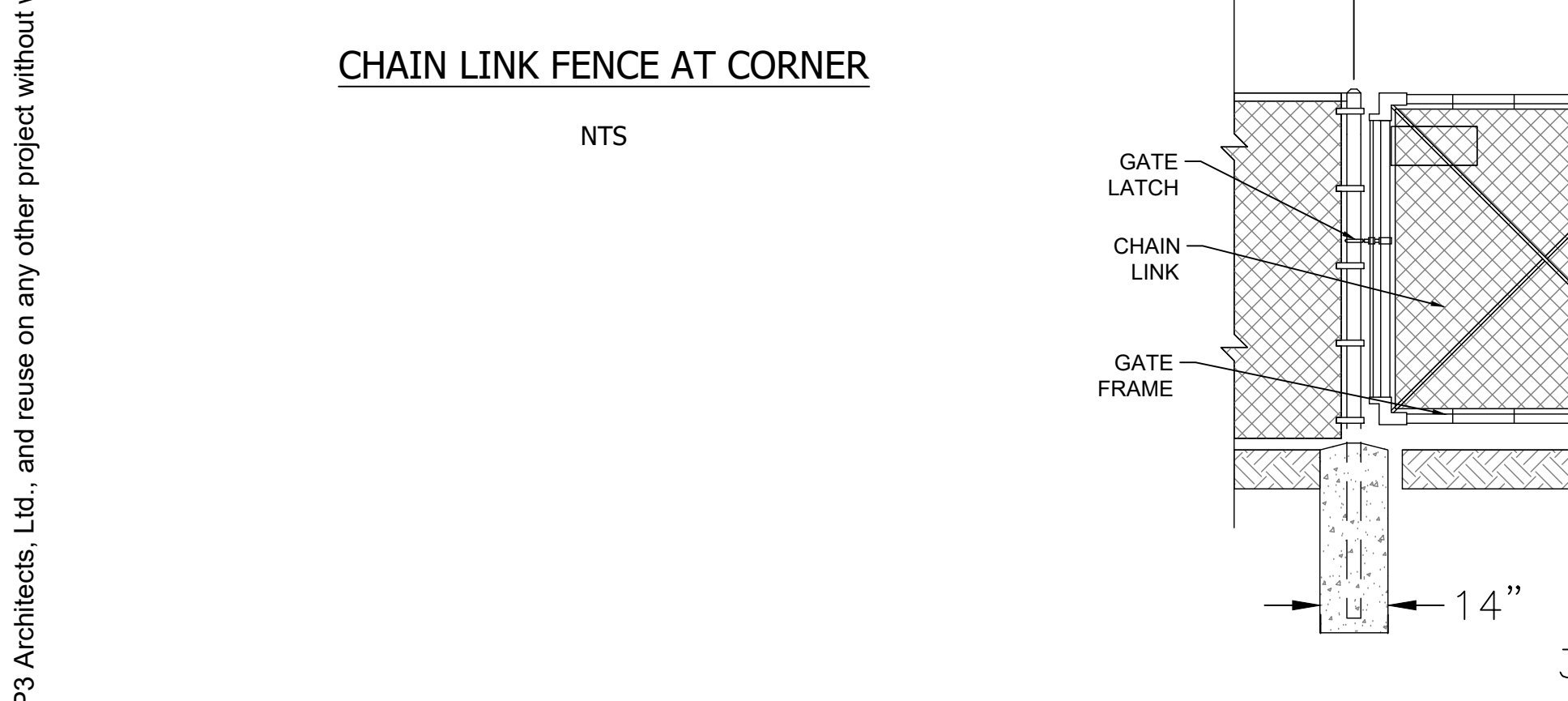
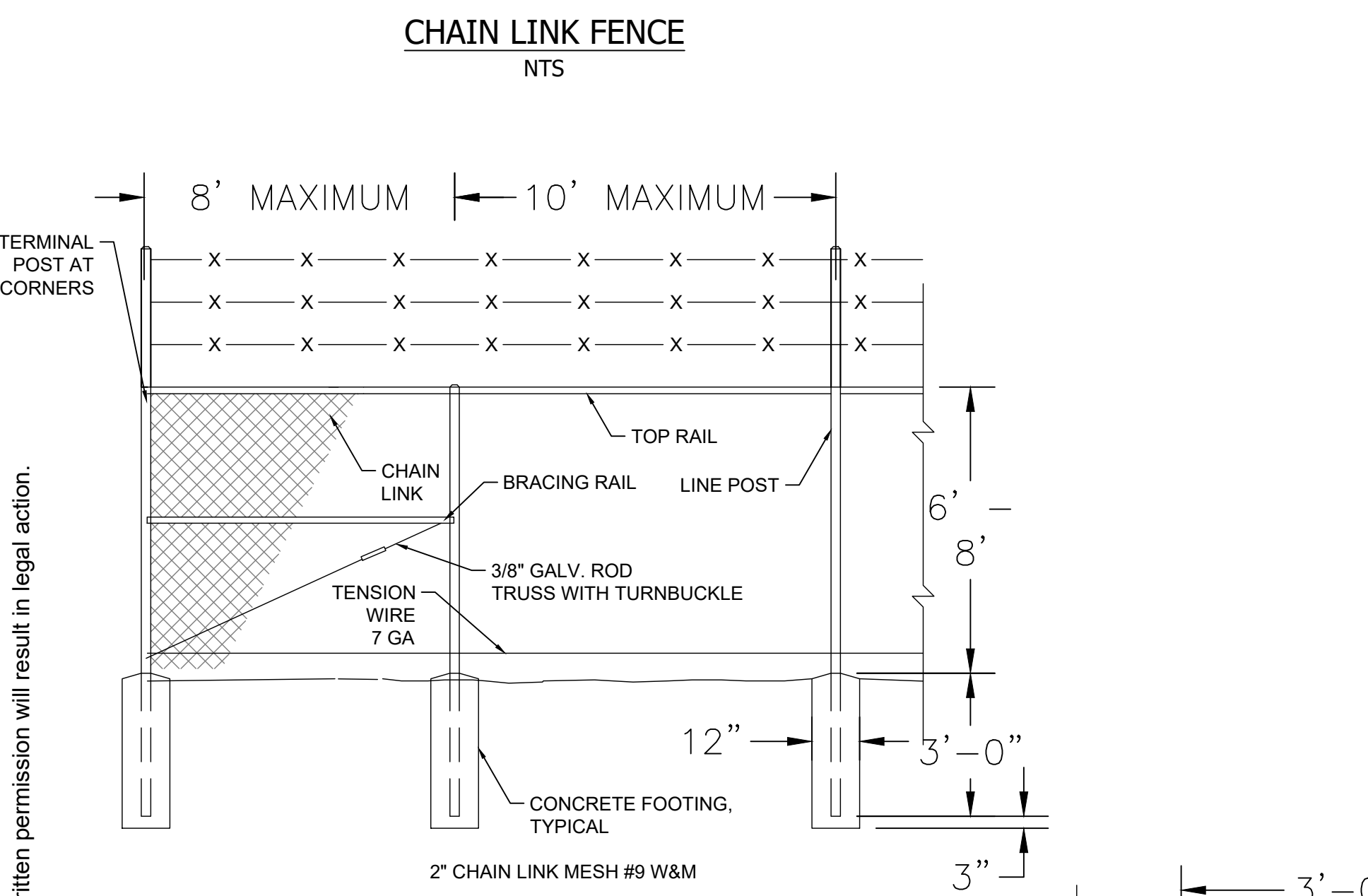
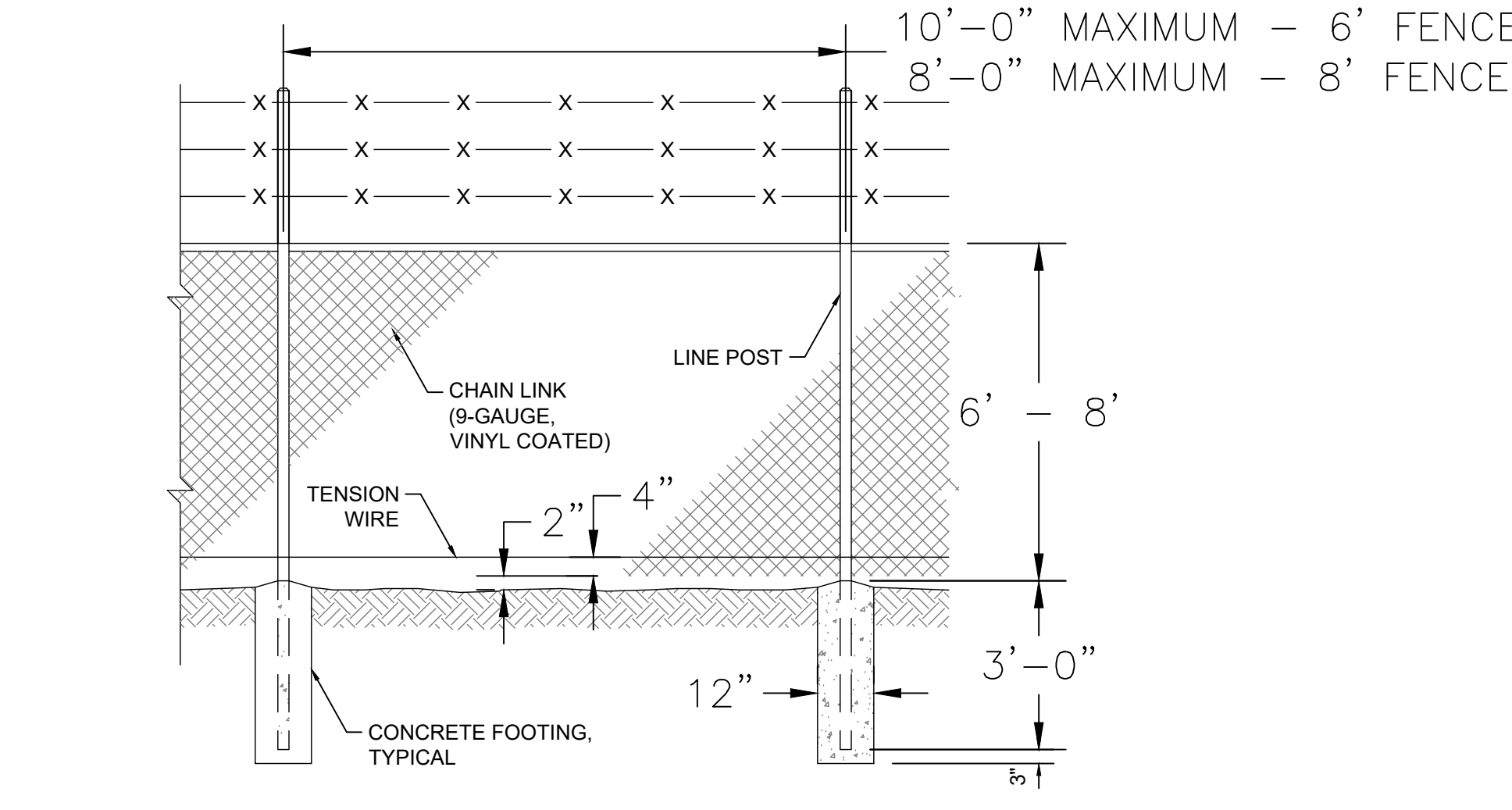


PROPOSED PRECAST BOX CONCRETE SECTION B-B
NOT TO SCALE

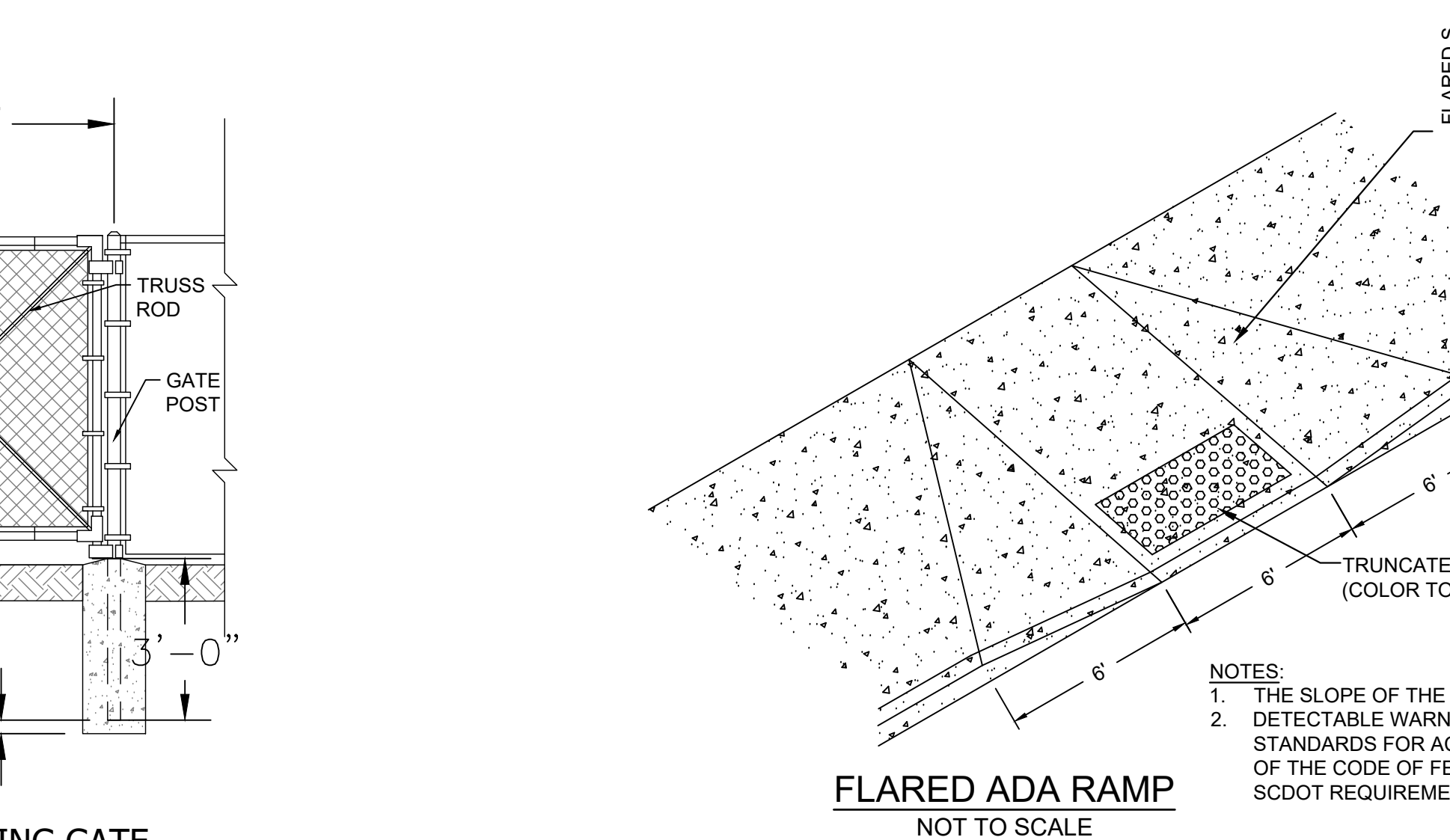
- NOTES:**
1. PROPOSED OUTLET CONTROL STRUCTURE FROM SEDIMENT BASIN TO REMAIN FOR PERMANENT DETENTION POND.
 2. CONTRACTOR TO POST A CONSPICUOUS SIGN STATING WHO IS RESPONSIBLE FOR THE REQUIRED MAINTENANCE AND ANNUAL INSPECTION OF THE WET DETENTION POND.
 3. DETENTION PONDS USED AS SEDIMENT BASINS DURING THE CONSTRUCTION PERIOD TO BE FULLY CLEANED OUT PRIOR TO USE AS A STORM WATER MANAGEMENT FACILITY.
 4. CONTRACTOR TO RIP/SCARIFY POND INVERT AND RE-COMPACT TO 100% STANDARD PROCTOR AFTER SEDIMENT REMOVAL AND PRIOR TO ESTABLISHING THE PERMANENT POND.
 5. ALL TRASH RACKS SHALL BE GALVANIZED FIBERGLASS OF ALUMINUM. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR ALL MATERIALS PRIOR TO FABRICATION.
 6. CONTRACTOR SHALL PROVIDE AS-BUILT SURVEY PERFORMED BY A LICENSED SURVEYOR UPON COMPLETION OF WET POND. SURVEY TO BE PROVIDED TO & REVIEWED BY CIVIL ENGINEER IN ORDER TO PROVIDE CERTIFICATION OF THE STORMWATER MANAGEMENT FACILITY. CIVIL ENGINEER WILL SUBMIT PROJECT CERTIFICATION TO SCDHEC UPON FINDING PROJECT IS IN CONFORMANCE WITH THE DESIGN PLANS. CONTRACTOR WILL NOT BE ABLE TO RECEIVE FINAL CERTIFICATE OF OCCUPANCY FOR THE BUILDING UNTIL THE STORMWATER MANAGEMENT FACILITY IS CERTIFIED.
 7. ALL DISTURBED AREA SHALL RECEIVE PERMANENT SEEDING/GRASSING.



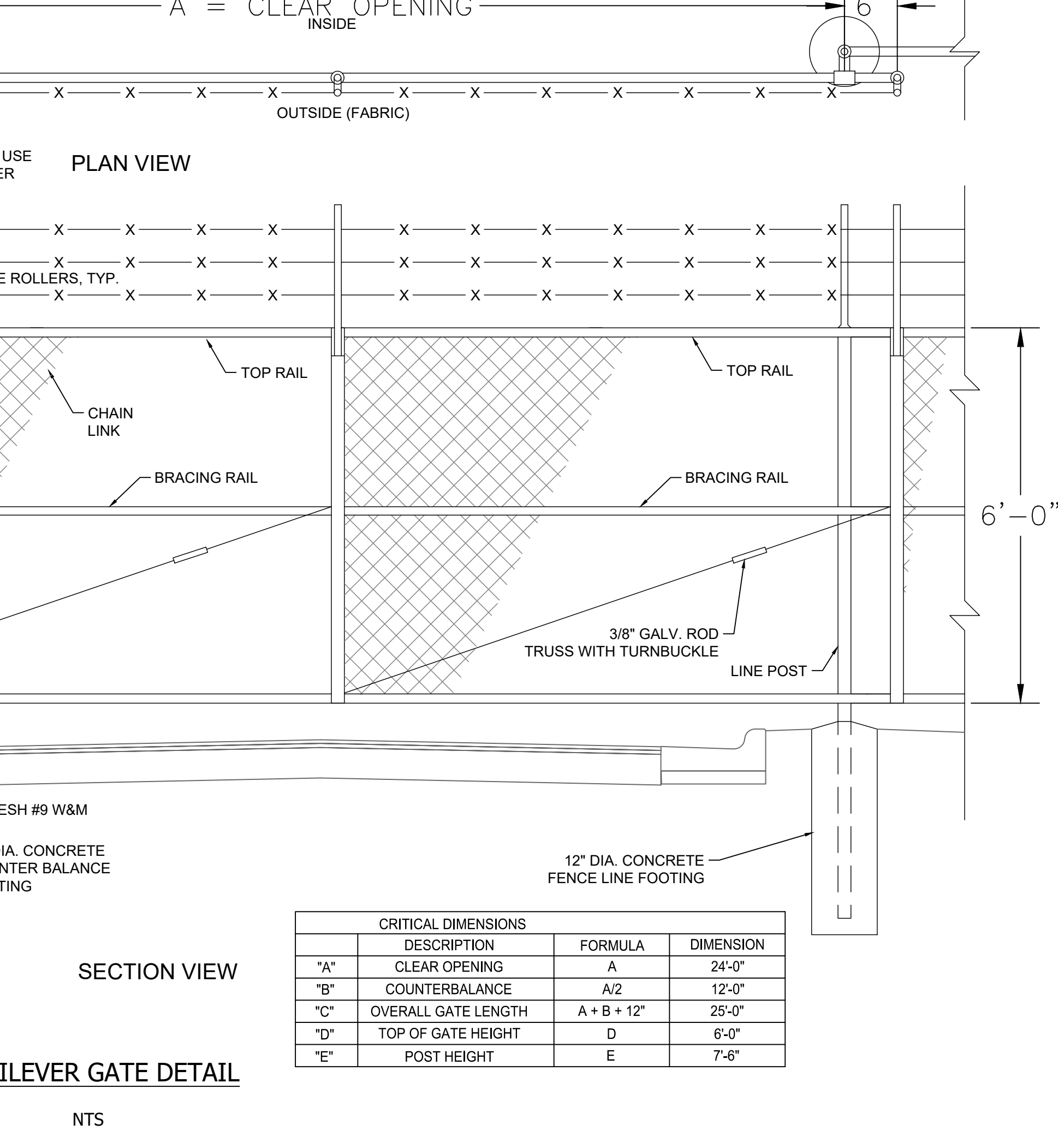
PROPOSED DETENTION POND SECTION
NOT TO SCALE



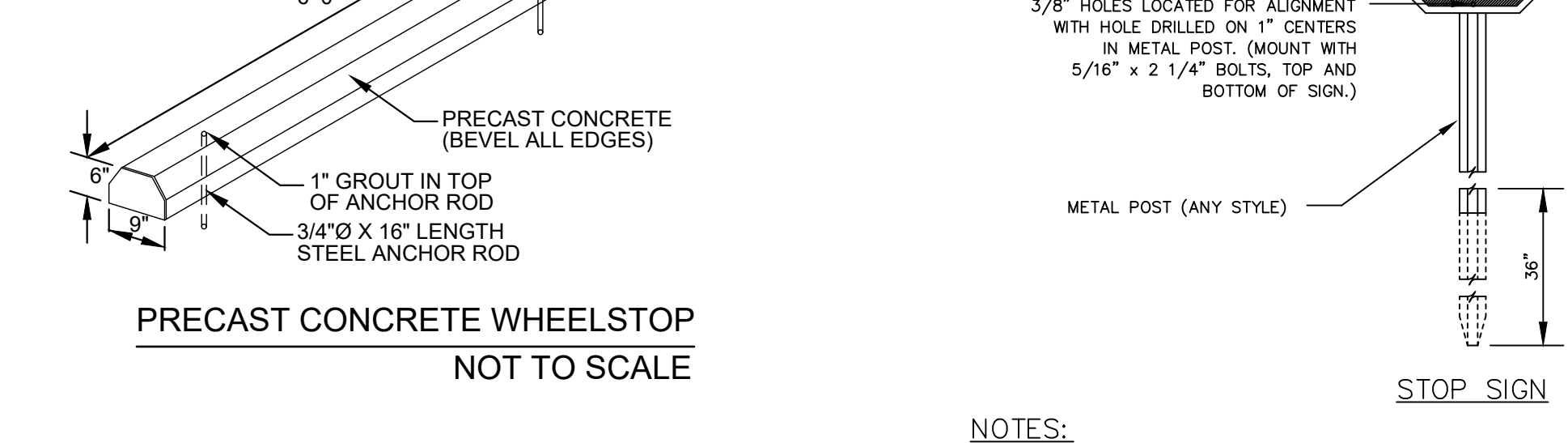
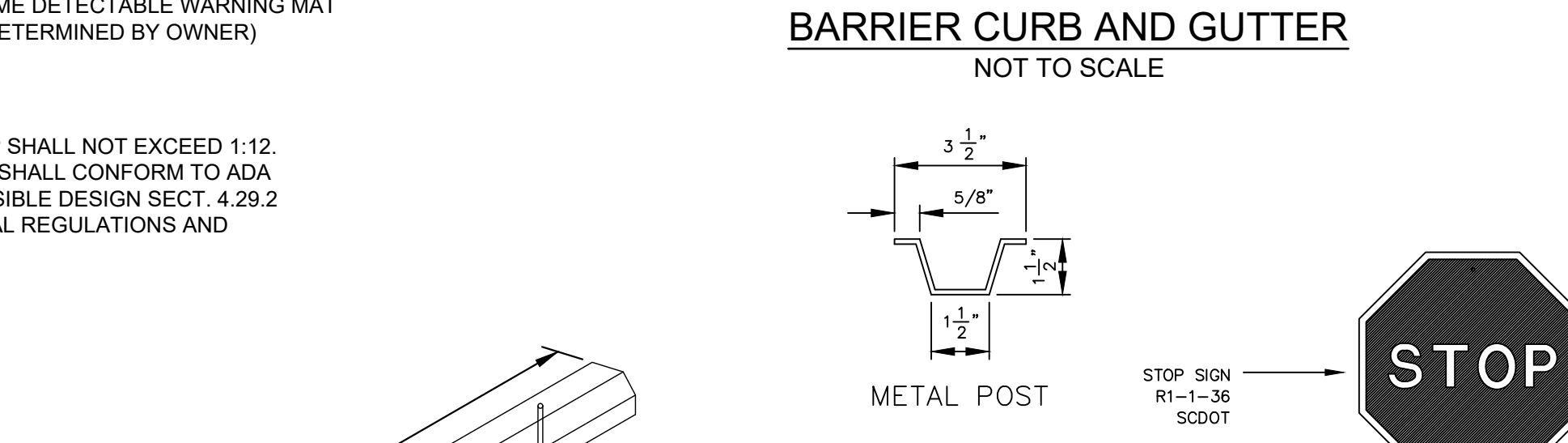
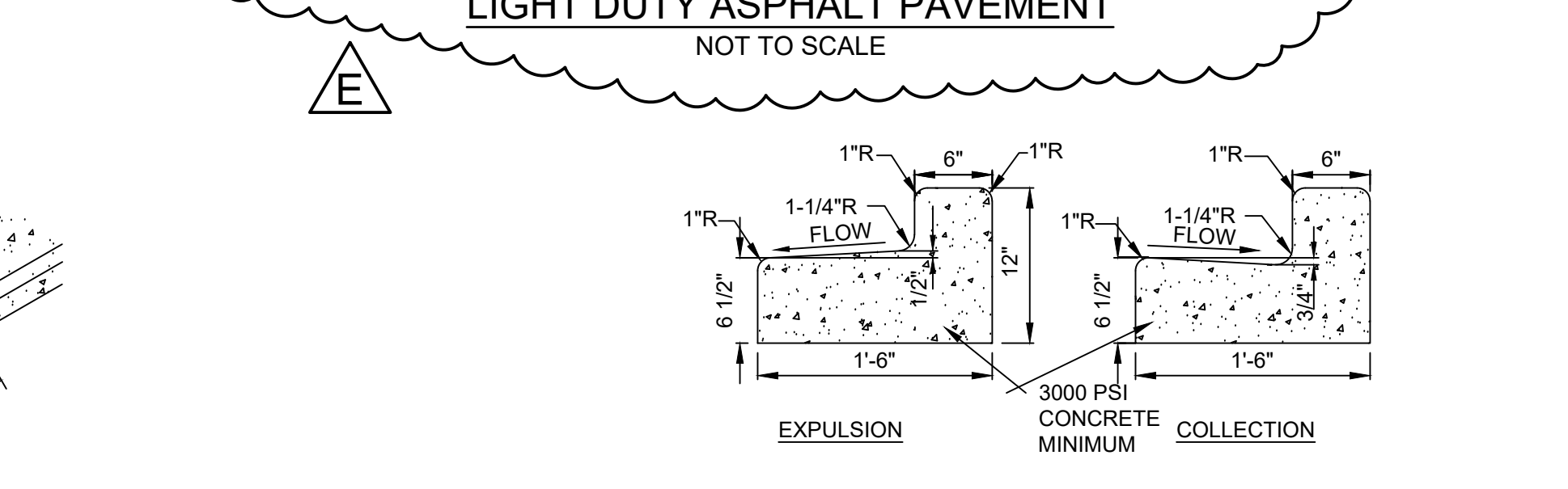
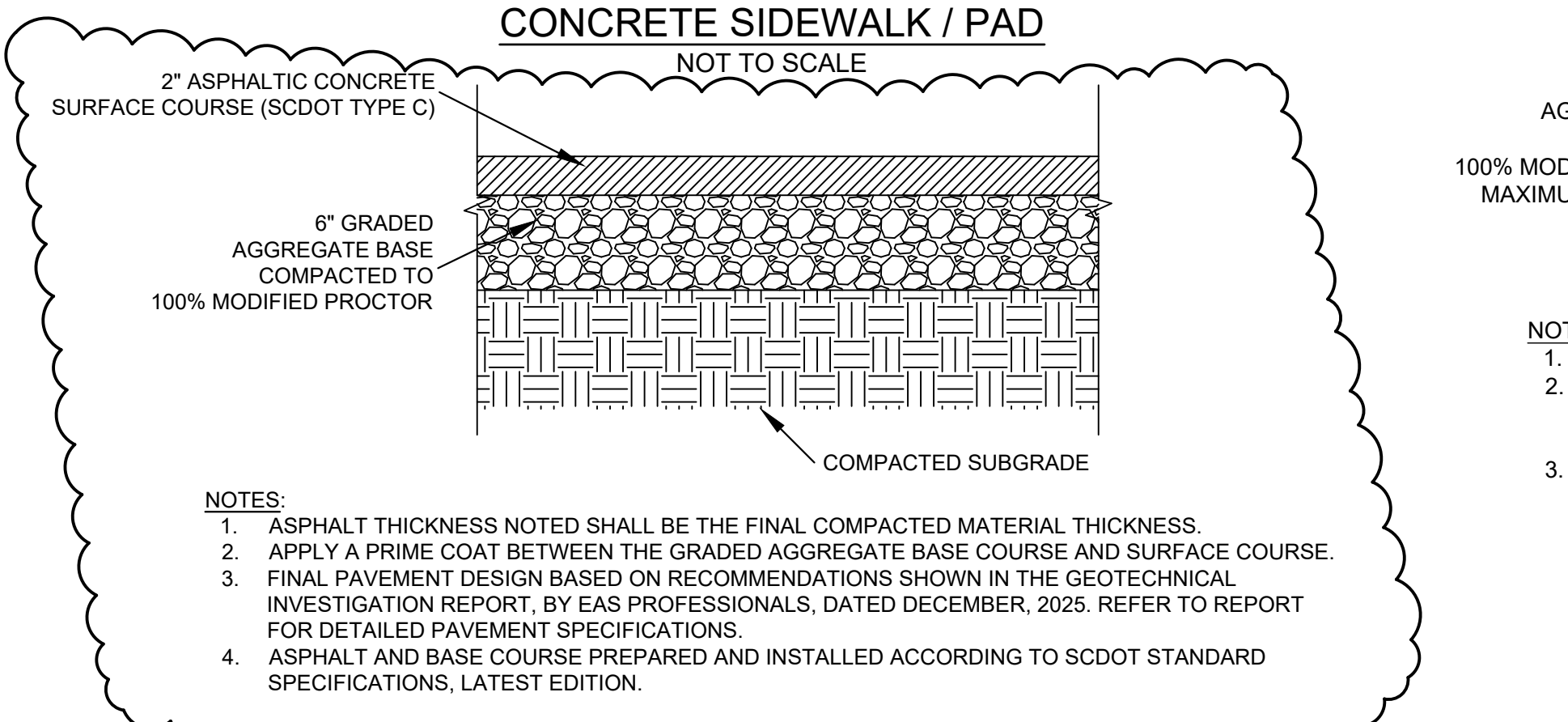
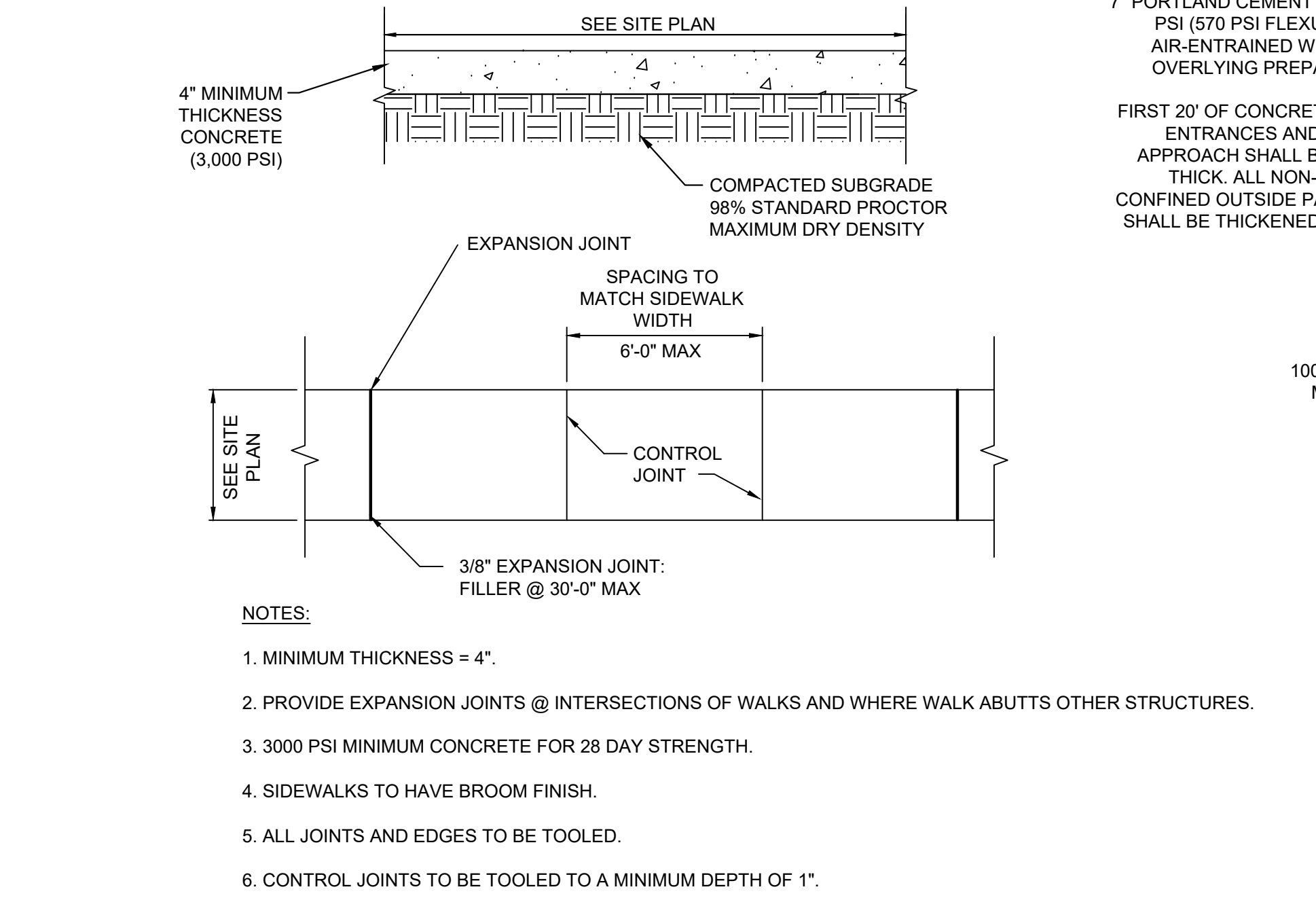
NOTE:
 1. MOW STRIP IS REQUIRED FOR ALL NEW CHAIN LINK FENCE. COST SHALL BE INCLUDED IN THE UNIT COST PER LINEAR FOOT OF FENCE CONSTRUCTED.
 2. ALL GATES, GATE EQUIPMENT, AND APPURTENANCES ARE TO MATCH EXISTING GATES, GATE EQUIPMENT, AND APPURTENANCES IN PLACE ON THE GSP CAMPUS.



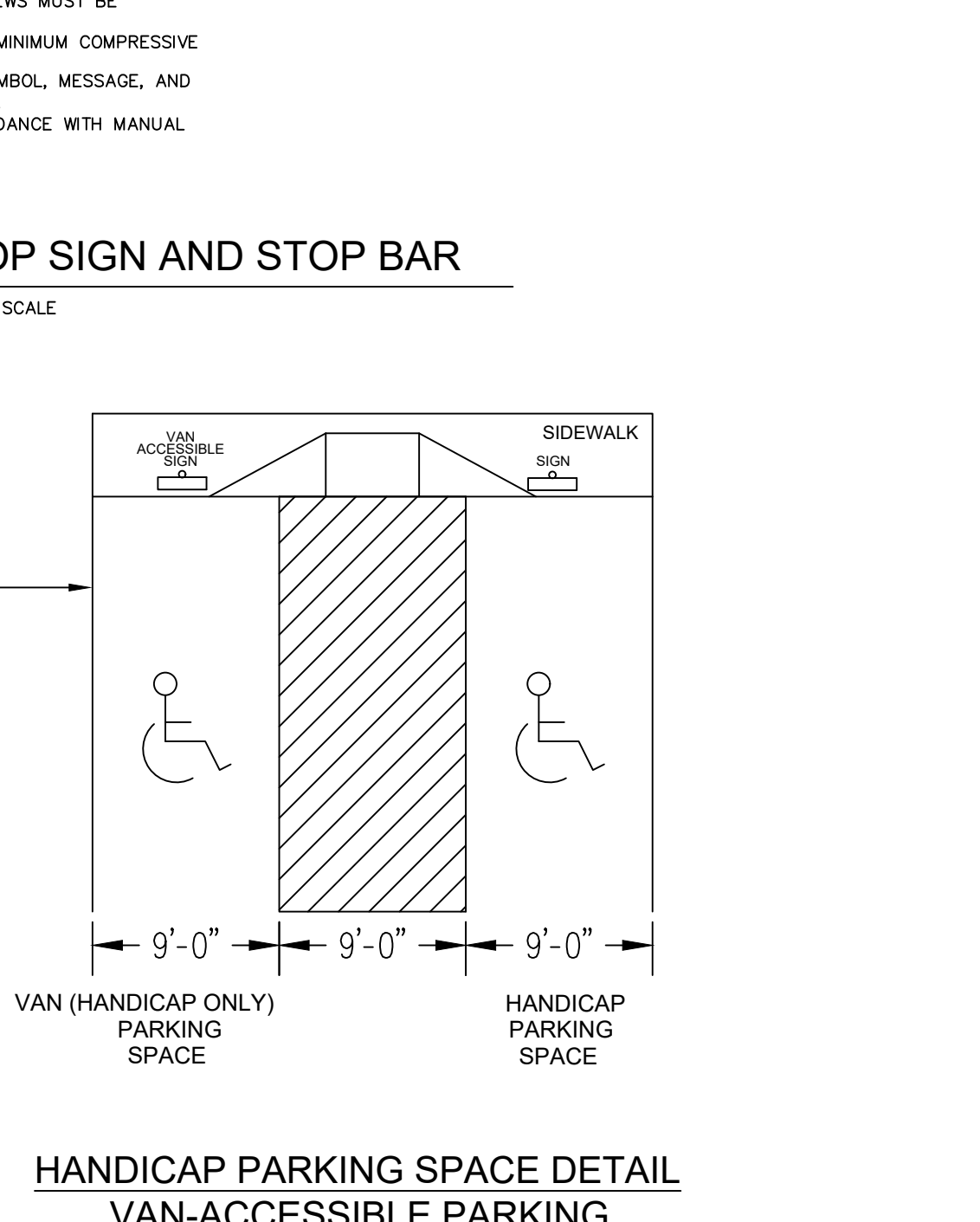
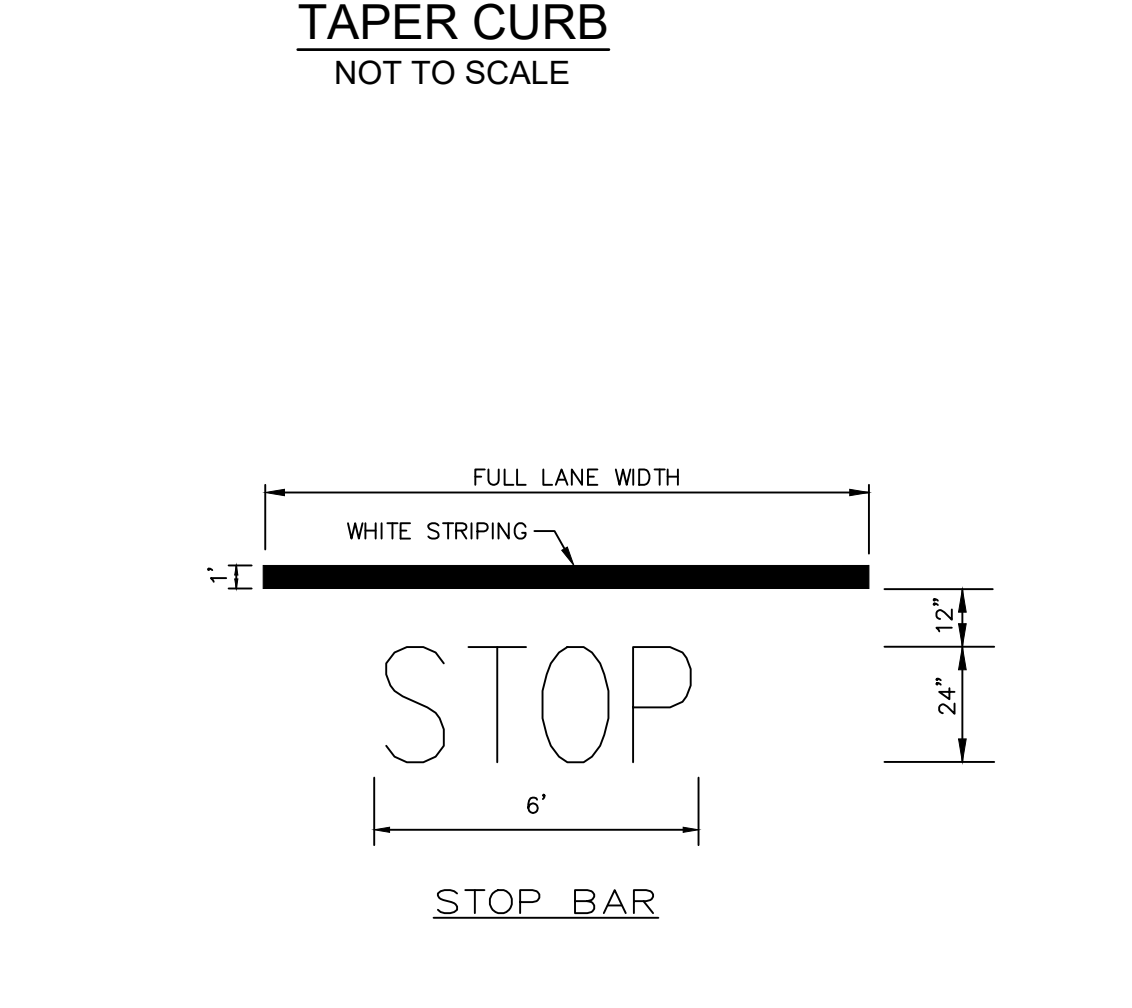
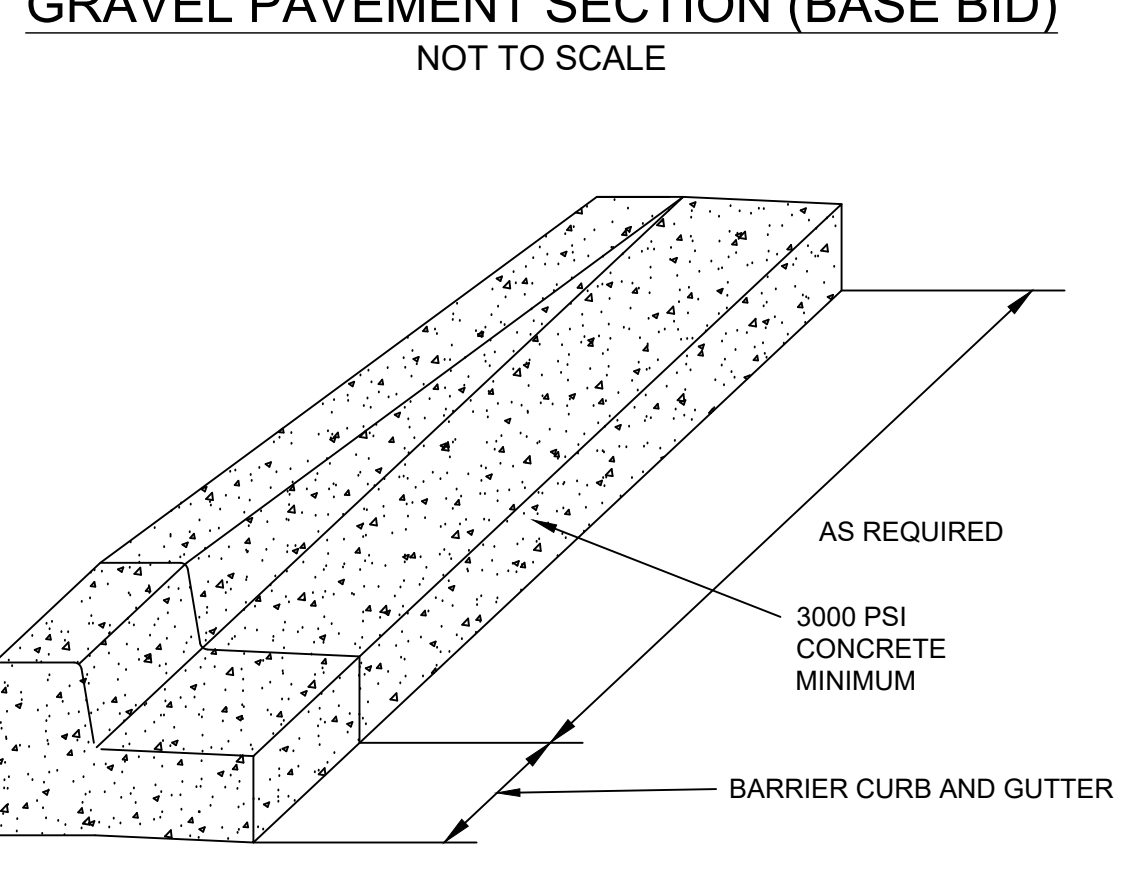
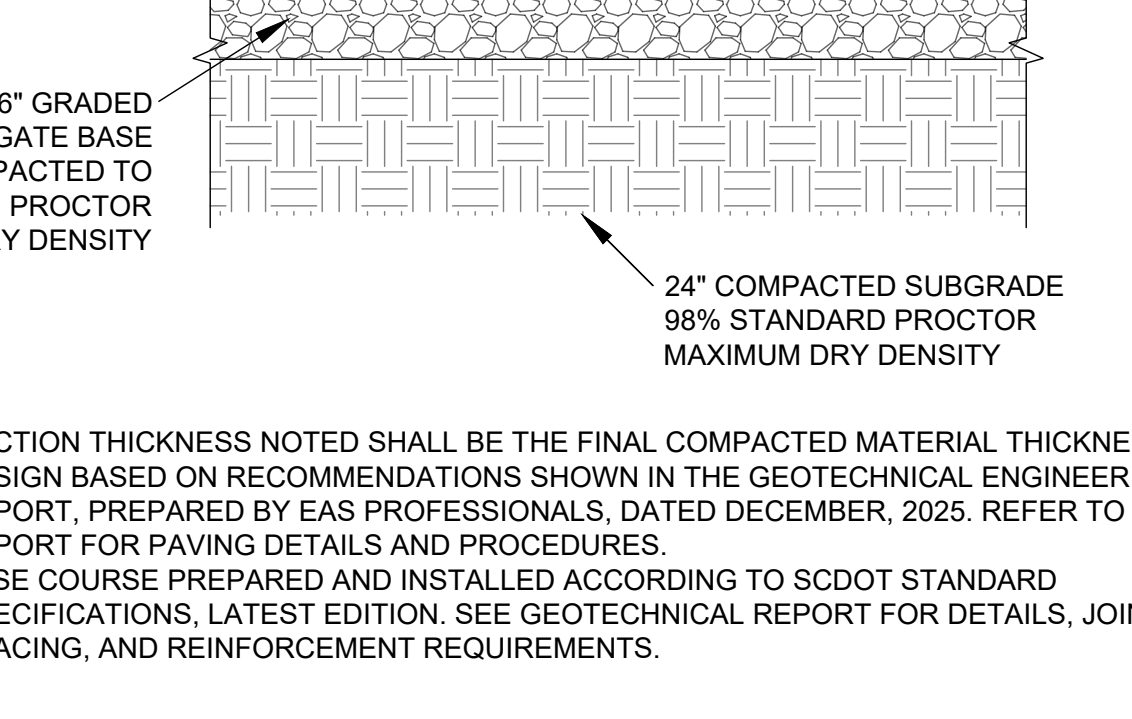
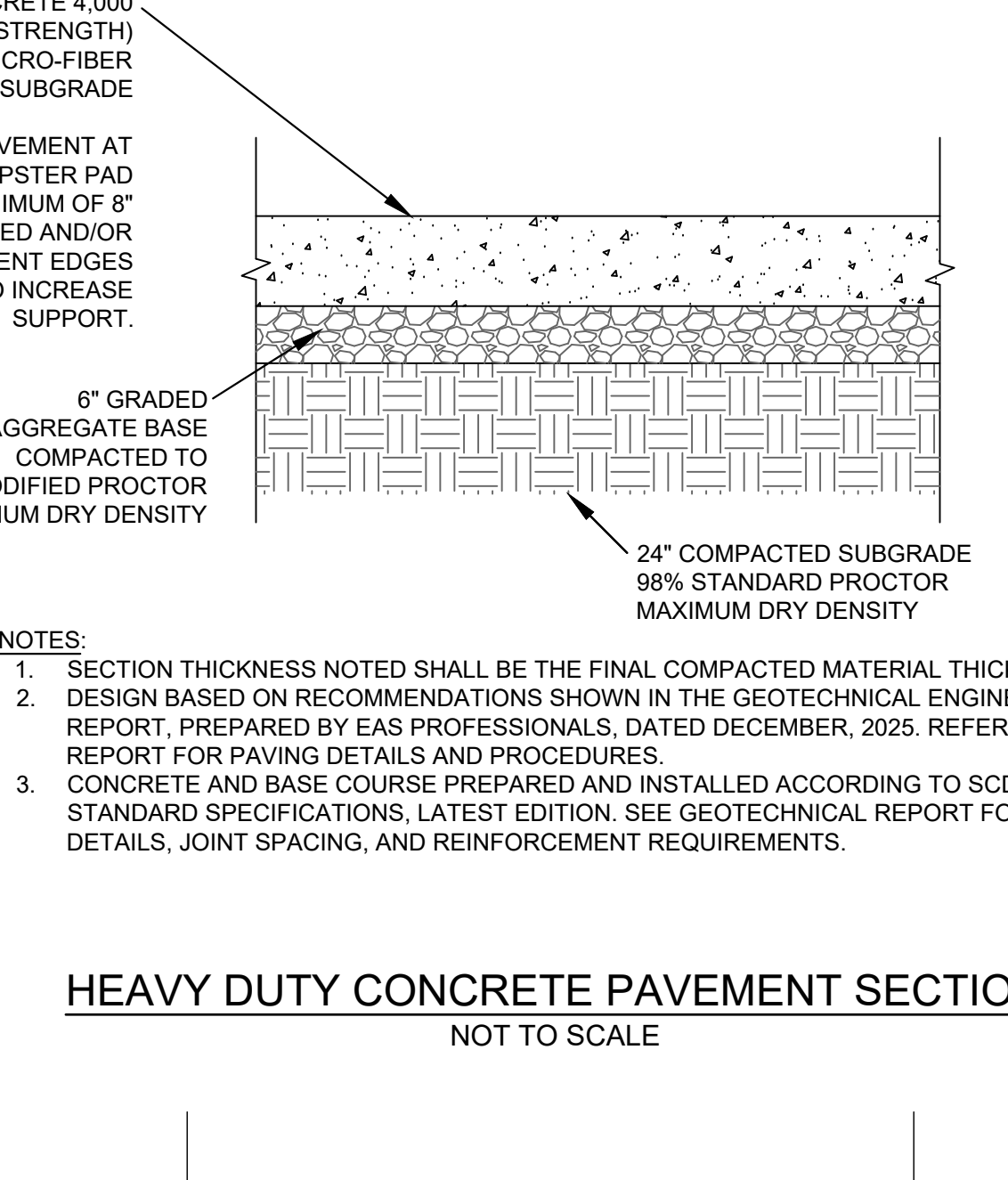
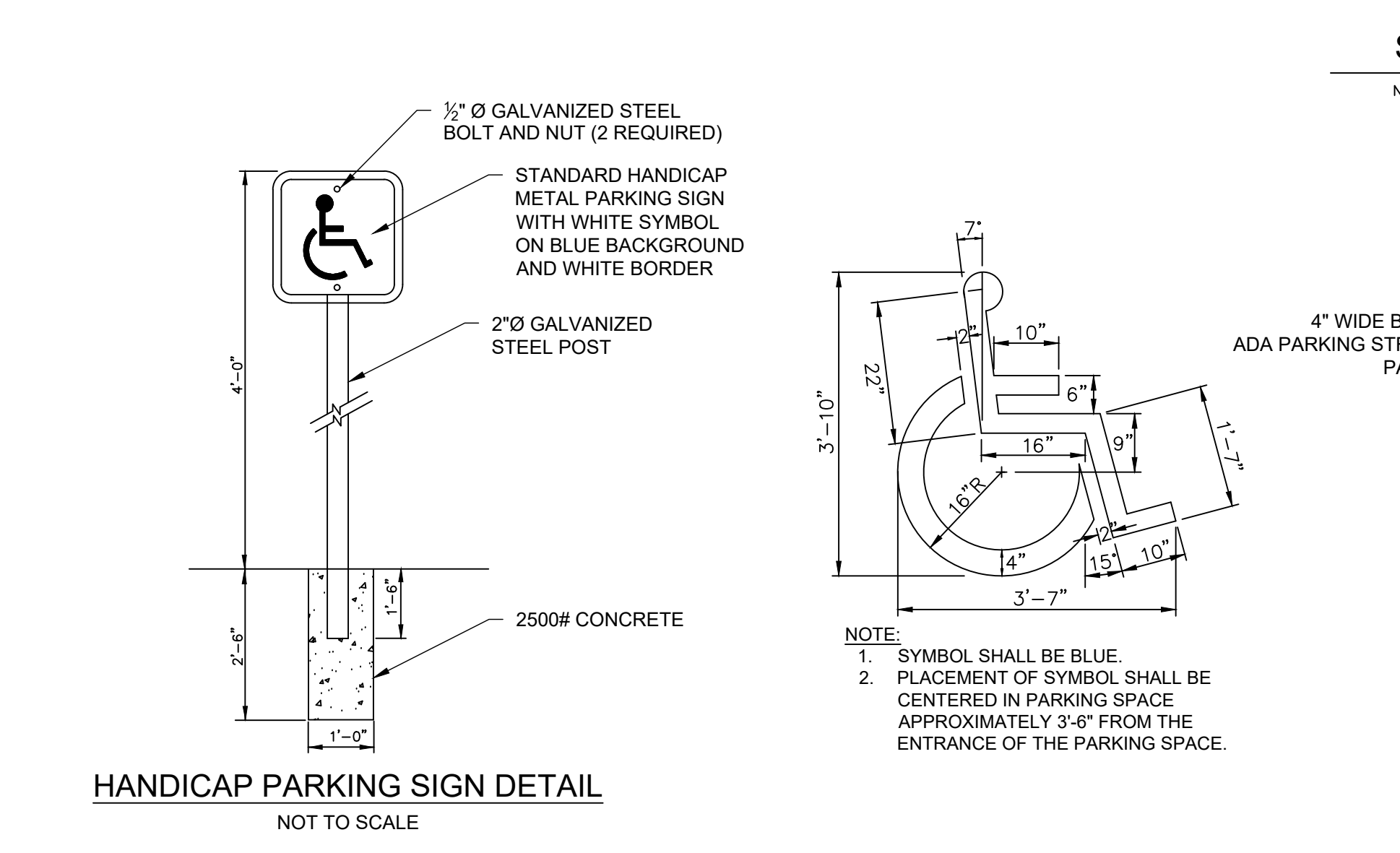
NOTES:
 1. THE SLOPE OF THE RAMP SHALL NOT EXCEED 1:12.
 2. DETECTABLE WARNINGS SHALL CONFORM TO ADA STANDARDS FOR ACCESSIBLE DESIGN SECT. 4.29.2 OF THE CODE OF FEDERAL REGULATIONS AND SCDOT REQUIREMENTS.



CRITICAL DIMENSIONS		
DESCRIPTION	FORMULA	DIMENSION
"A" CLEAR OPENING	A	24'-0"
"B" COUNTERBALANCE	A/2	12'-0"
"C" OVERALL GATE LENGTH	A + B + 12"	25'-0"
"D" TOP OF GATE HEIGHT	D	6'-0"
"E" POST HEIGHT	E	7'-6"



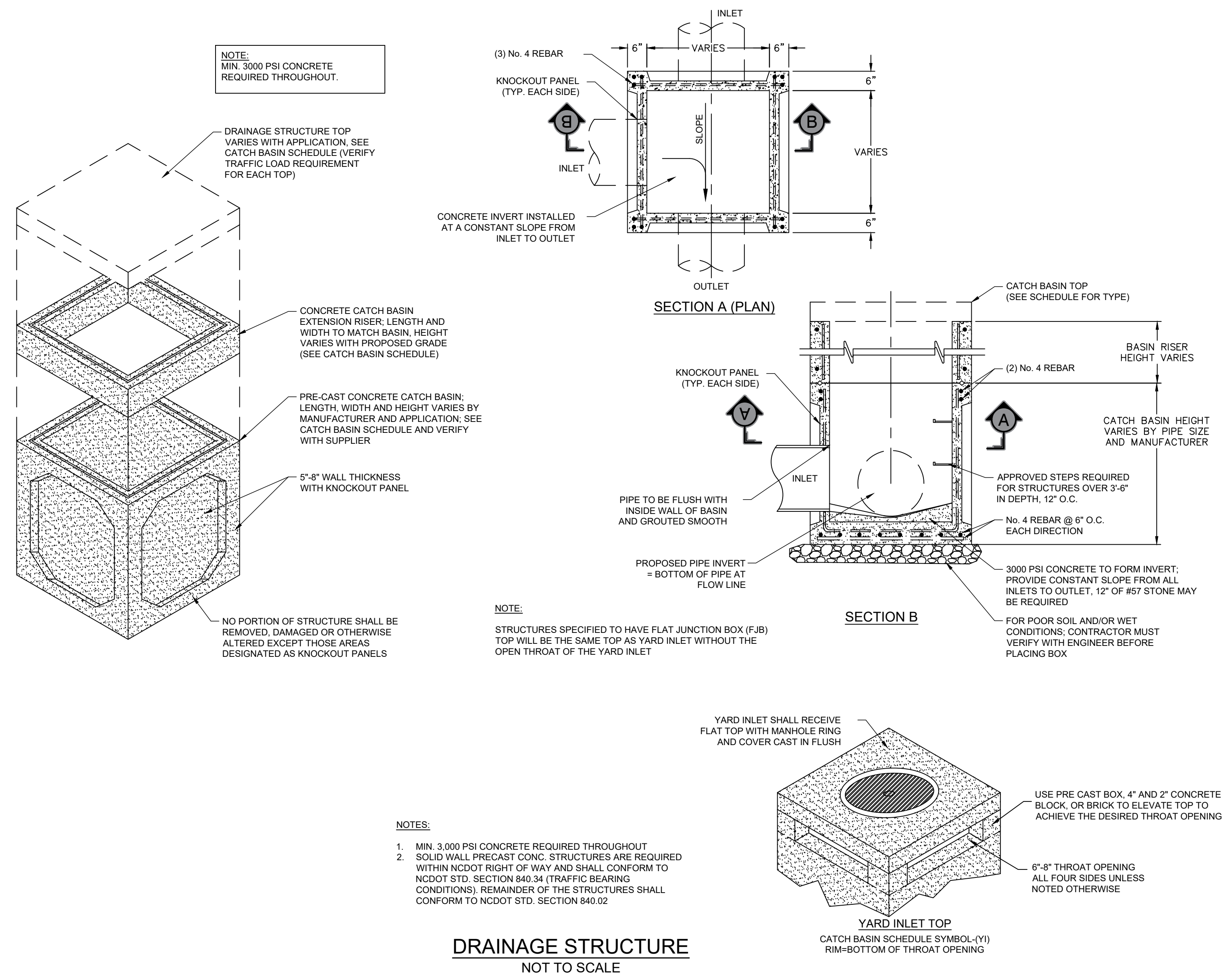
NOTES:
 1. METAL POST TO BE GALVANIZED. ALL BOLTS, NUTS, WASHERS, AND SCREWS MUST BE RUSTPROOF. (POST MAY BE ANY STYLE).
 2. CONCRETE FOR FOOTING SHALL BE OF PORTLAND CEMENT AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI.
 3. SIGNS WILL BE FABRICATED BY USING A REFLECTING COATING IN THE SYMBOL, MESSAGE, AND BORDERS APPLIED TO A SHEET ALUMINUM BACKING (0.02 IN THICKNESS).
 4. MESSAGE LETTERING SHALL BE UPPERCASE (WHITE, SERIES B) IN ACCORDANCE WITH MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.



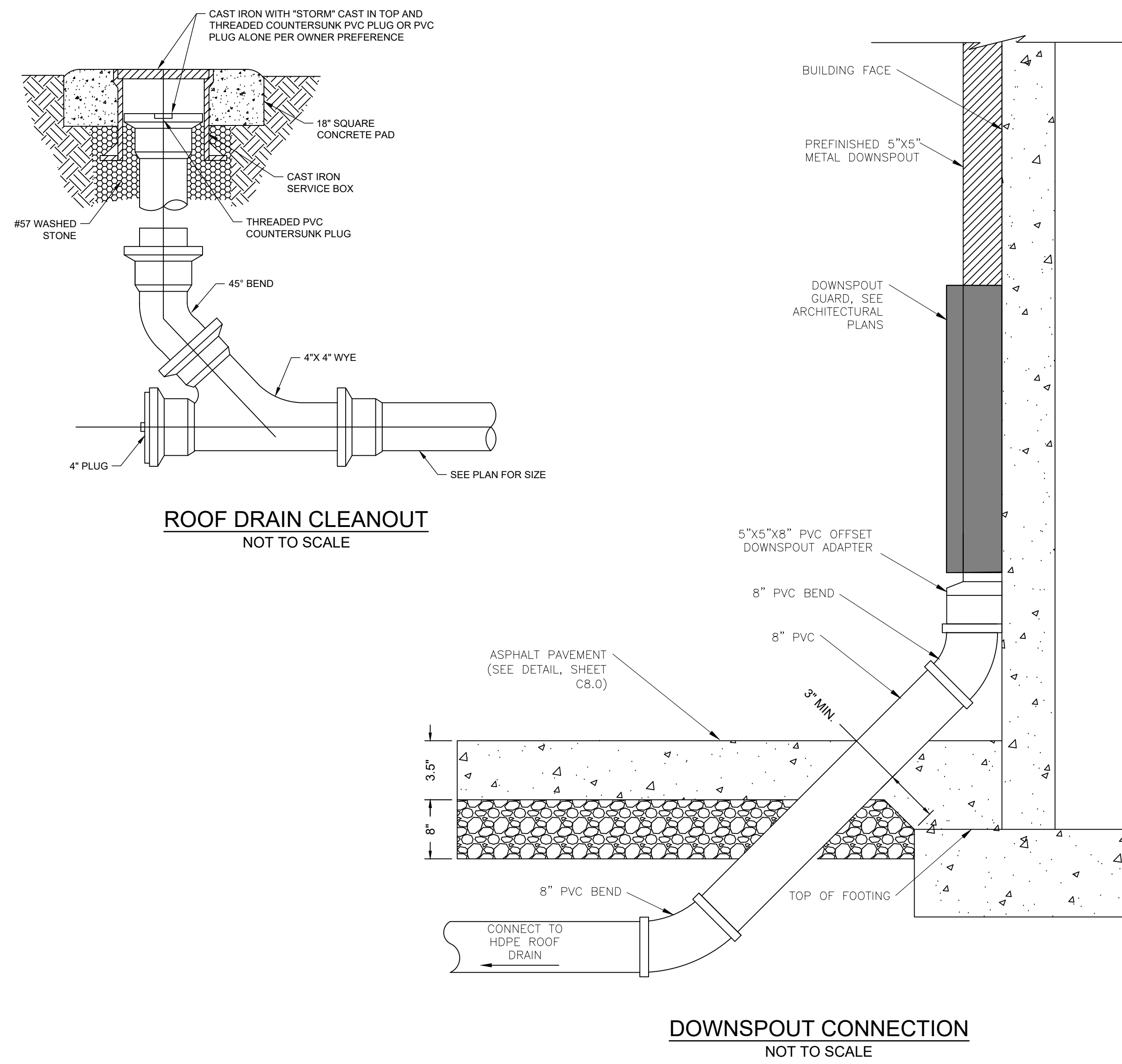
Revisions		
	Date	Description
A	09 OCT 2024	30% SET
B	16 JAN 2026	60% SET
C	18 FEB 2026	90% SET
D	12 MAR 2026	PERMIT SET
E	06 MAY 2026	ADDENDUM 2

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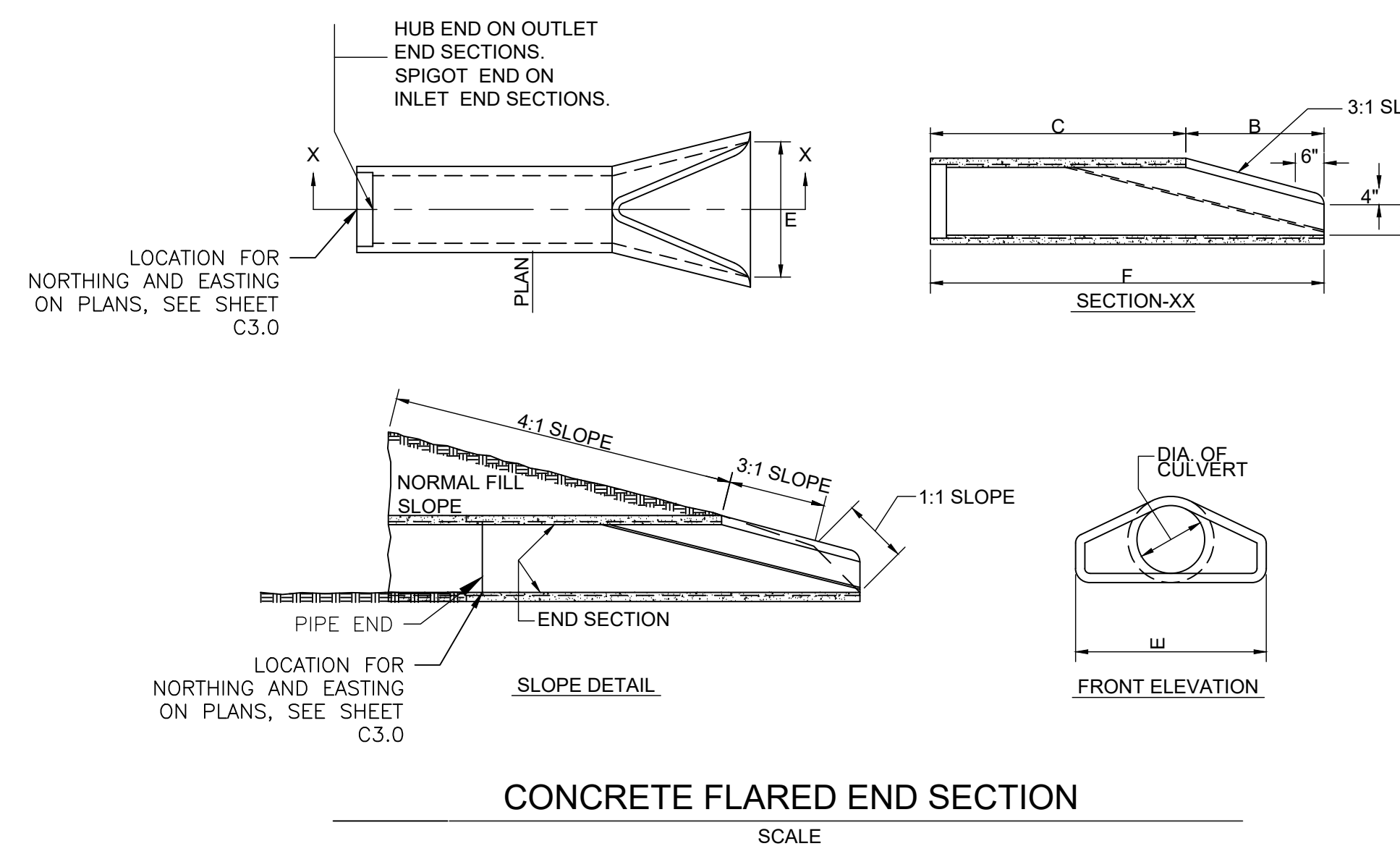
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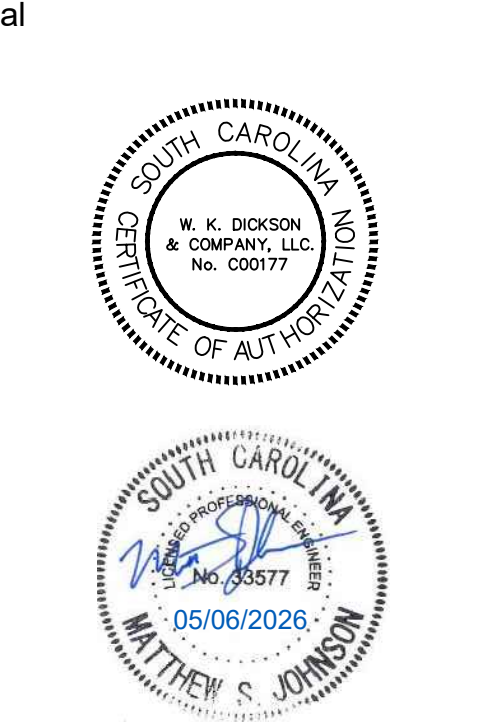
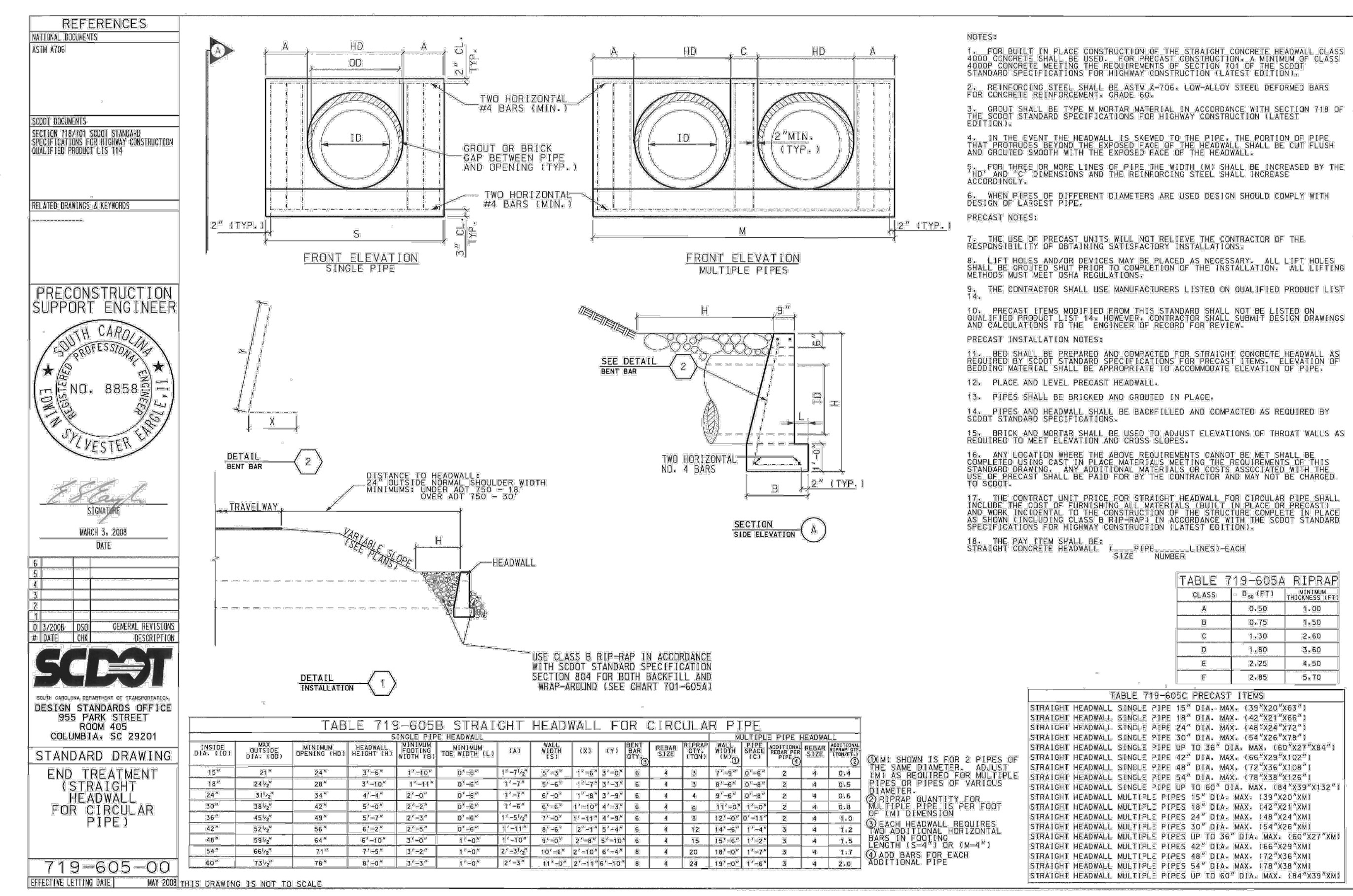
DRAINAGE STRUCTURE
NOT TO SCALE



DOWNSPOUT CONNECTION
NOT TO SCALE



DIA.	END SECTIONS DIMENSIONS			
	A	B	C	W
15"	6"	2'-3"	3'-10"	2'-6"
18"	9"	2'-3"	3'-10"	3'-0"
24"	9 1/2"	3'-7 1/2"	2'-8"	4'-0"
36"	15"	5'-3"	2'-11"	6'-0"



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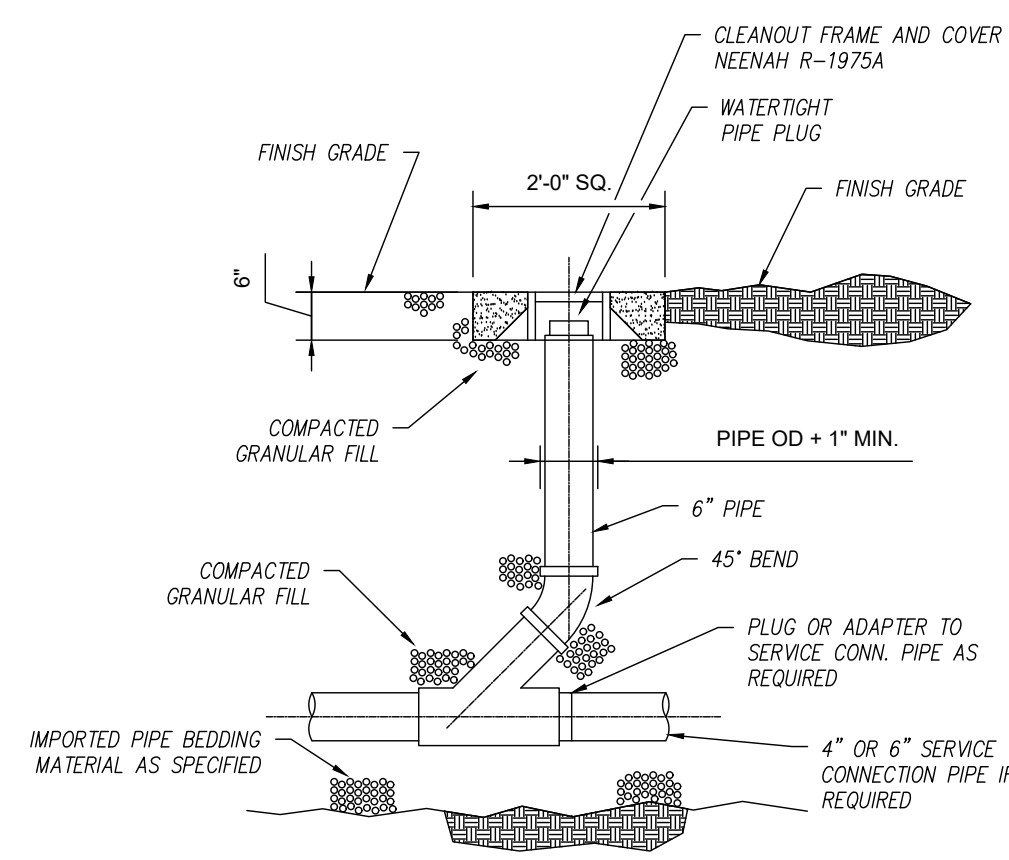
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Drawing
SITE DETAILS

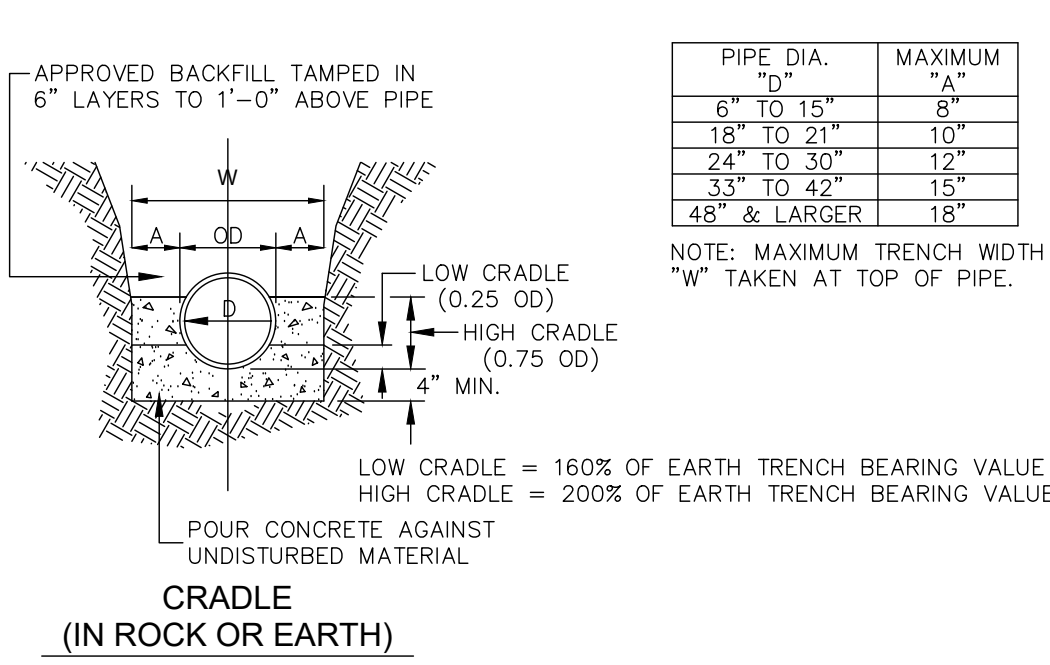
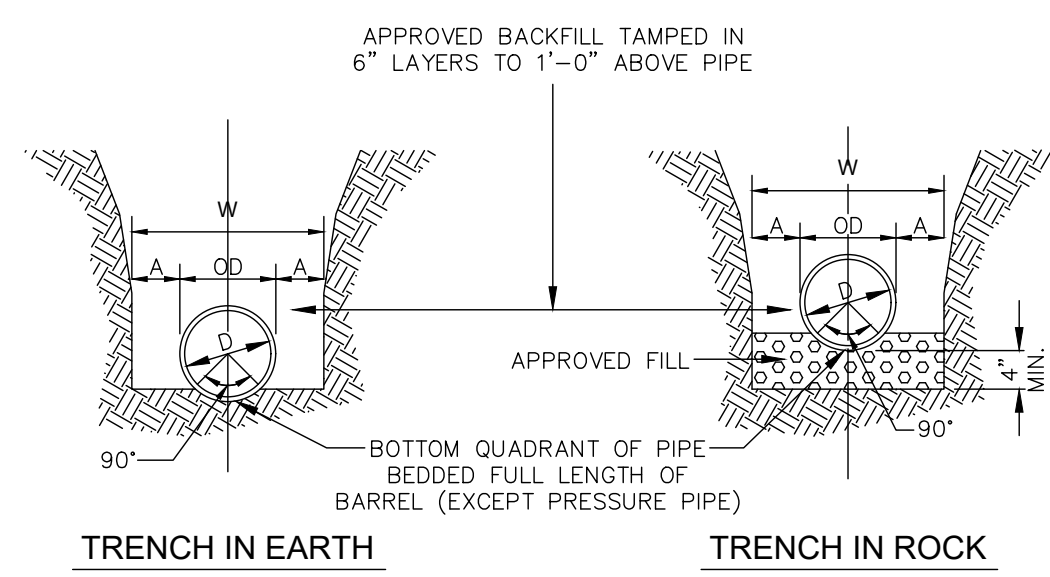
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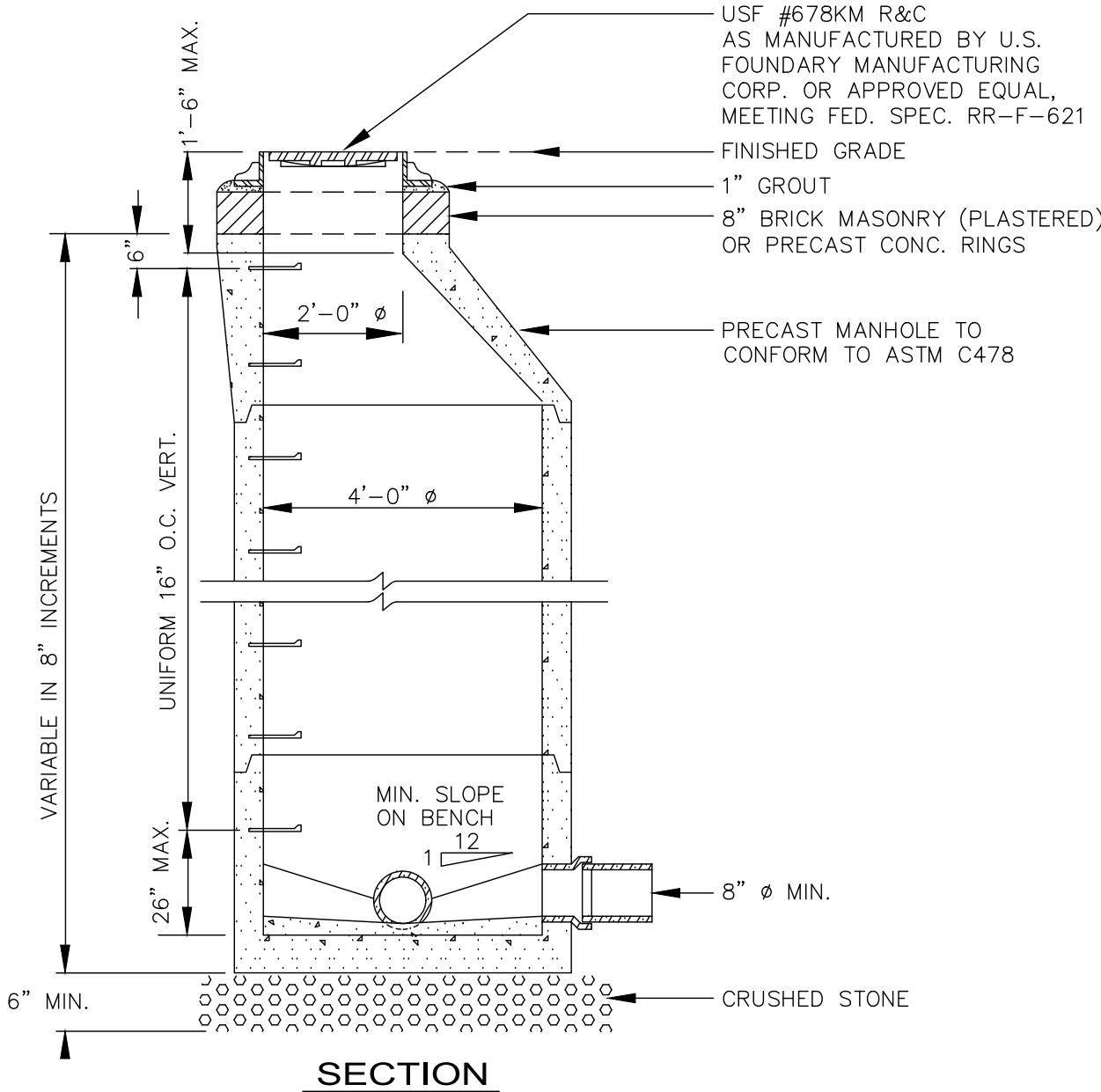
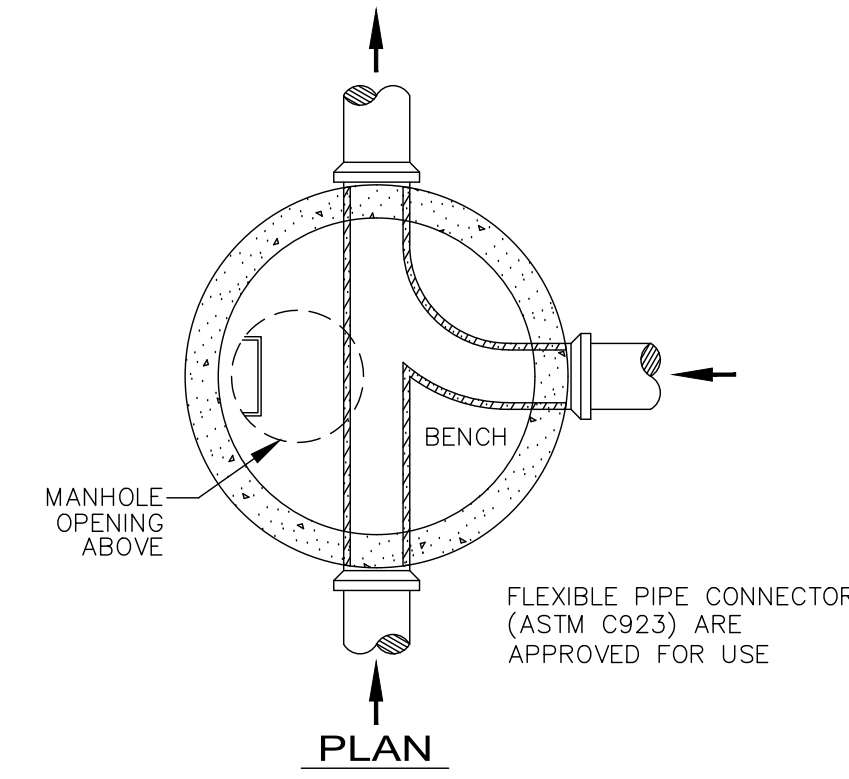


- NOTES:**
- CLEAN-OUT PIPE AND FITTINGS SHALL BE THE SAME DIAMETER AND MATERIAL AS THE SERVICE LATERAL.
 - PROVIDE CLEAN-OUTS WHERE INDICATED ON THE PLANS.
 - D.I.P. CLEAN-OUTS SHALL HAVE BRONZE-THREADED CLEAN-OUT PLUG. WHERE CLEAN-OUTS ARE INSTALLED ON PIPING UNDER PRESSURE, ALL JOINTS SHALL HAVE RETAINER GLANDS OR OTHER APPROVED METHOD OF RESTRAINT. ALL RISER PIPE, FITTINGS AND CLEAN-OUT PLUG SHALL BE WATERTIGHT AND RATED FOR THE PRESSURES PRESENT AT THE PARTICULAR POINT OF INSTALLATION.
 - VERIFY AND COORDINATE SERVICE DEPTH WITH STRUCTURE TO BE CONNECTED.

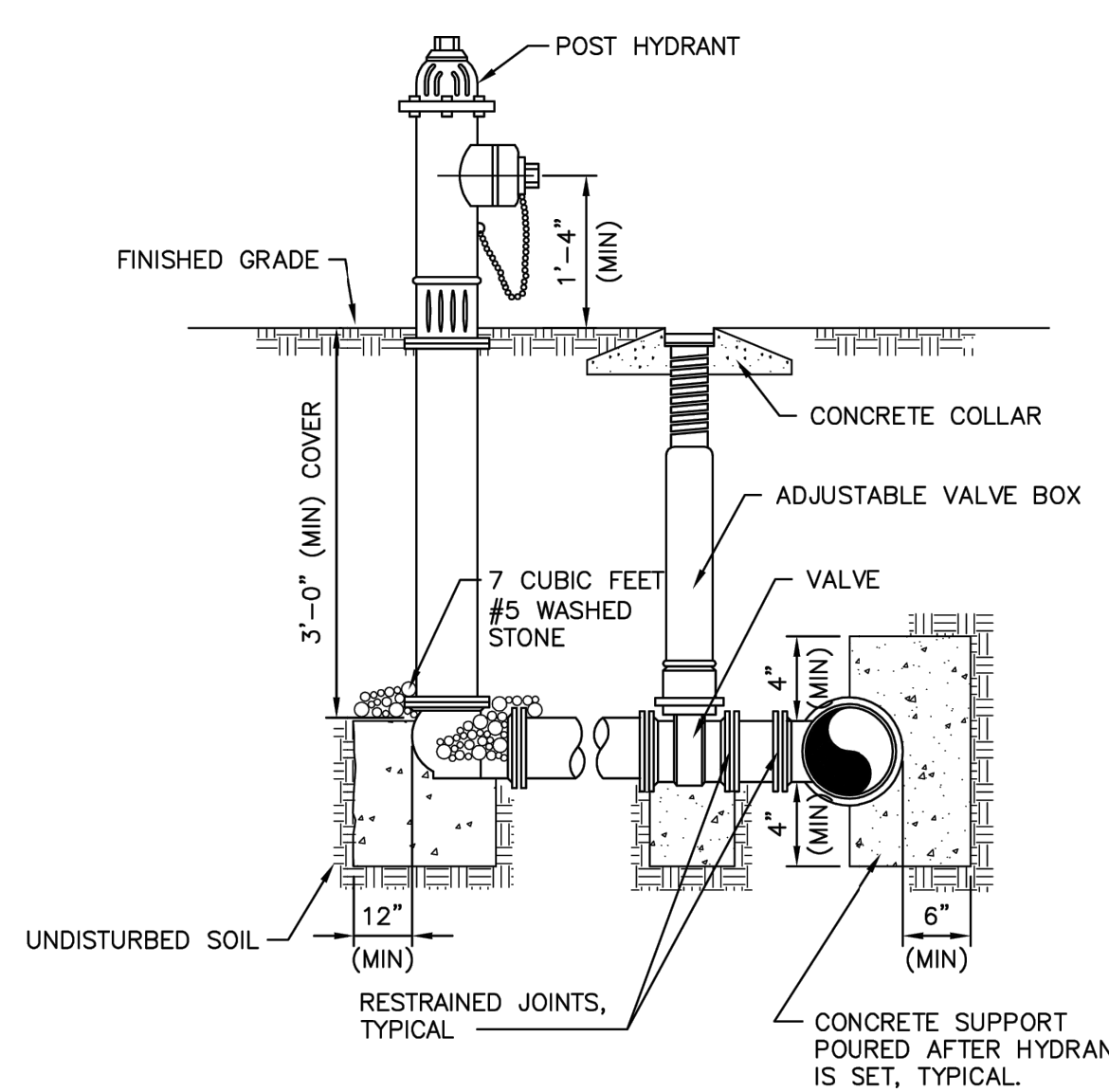
SEWER CLEANOUT
NOT TO SCALE



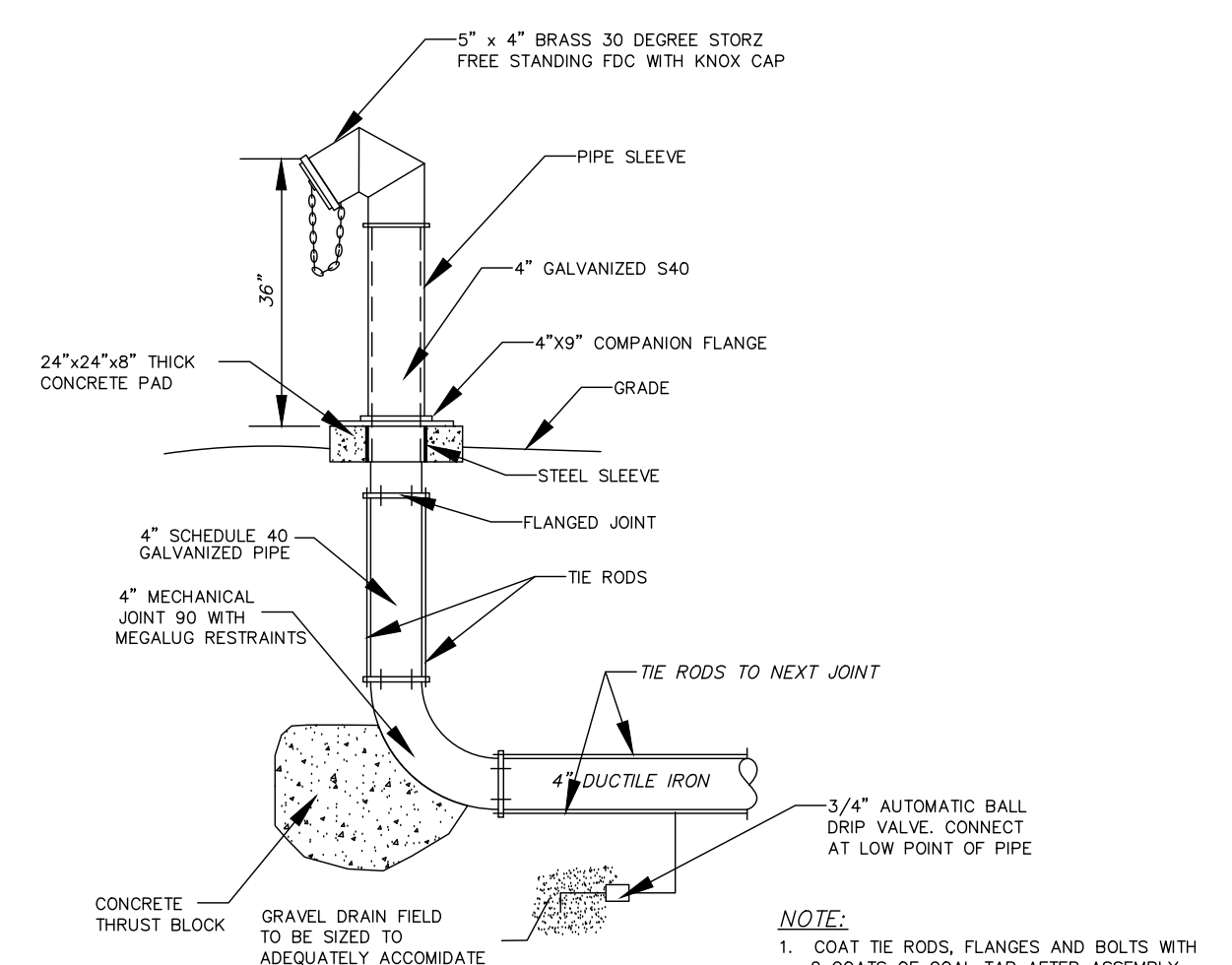
STANDARD PIPE TRENCH BEDDING
NOT TO SCALE



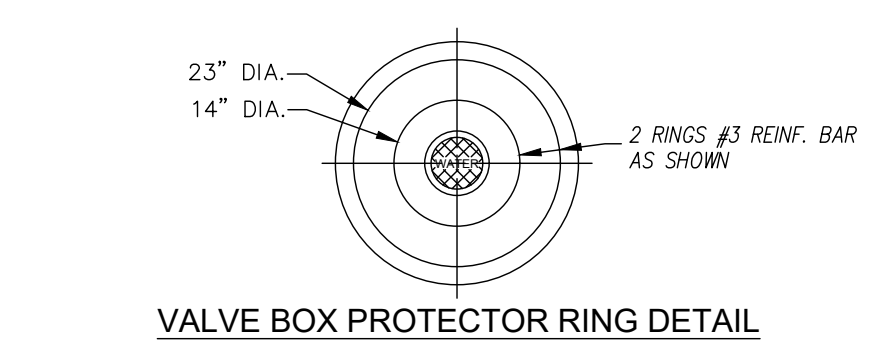
SANITARY SEWER MANHOLE
NOT TO SCALE



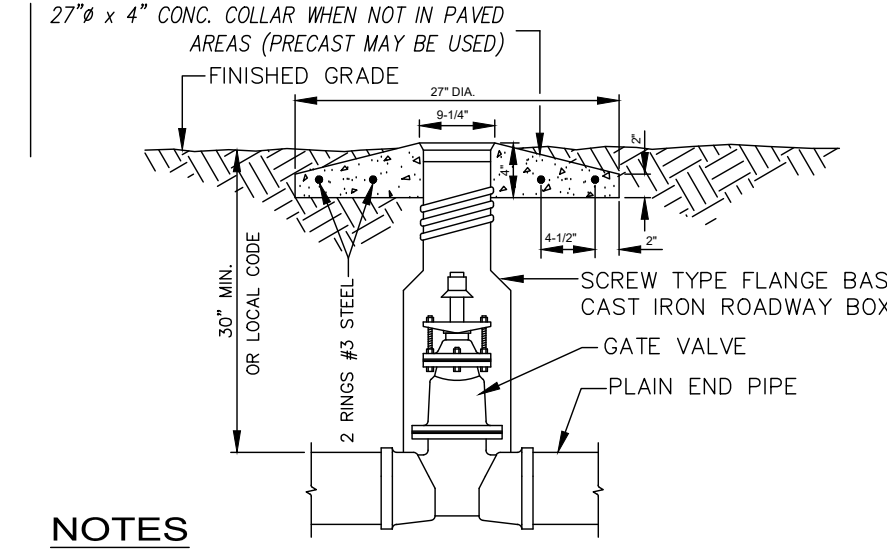
FIRE HYDRANT
NOT TO SCALE



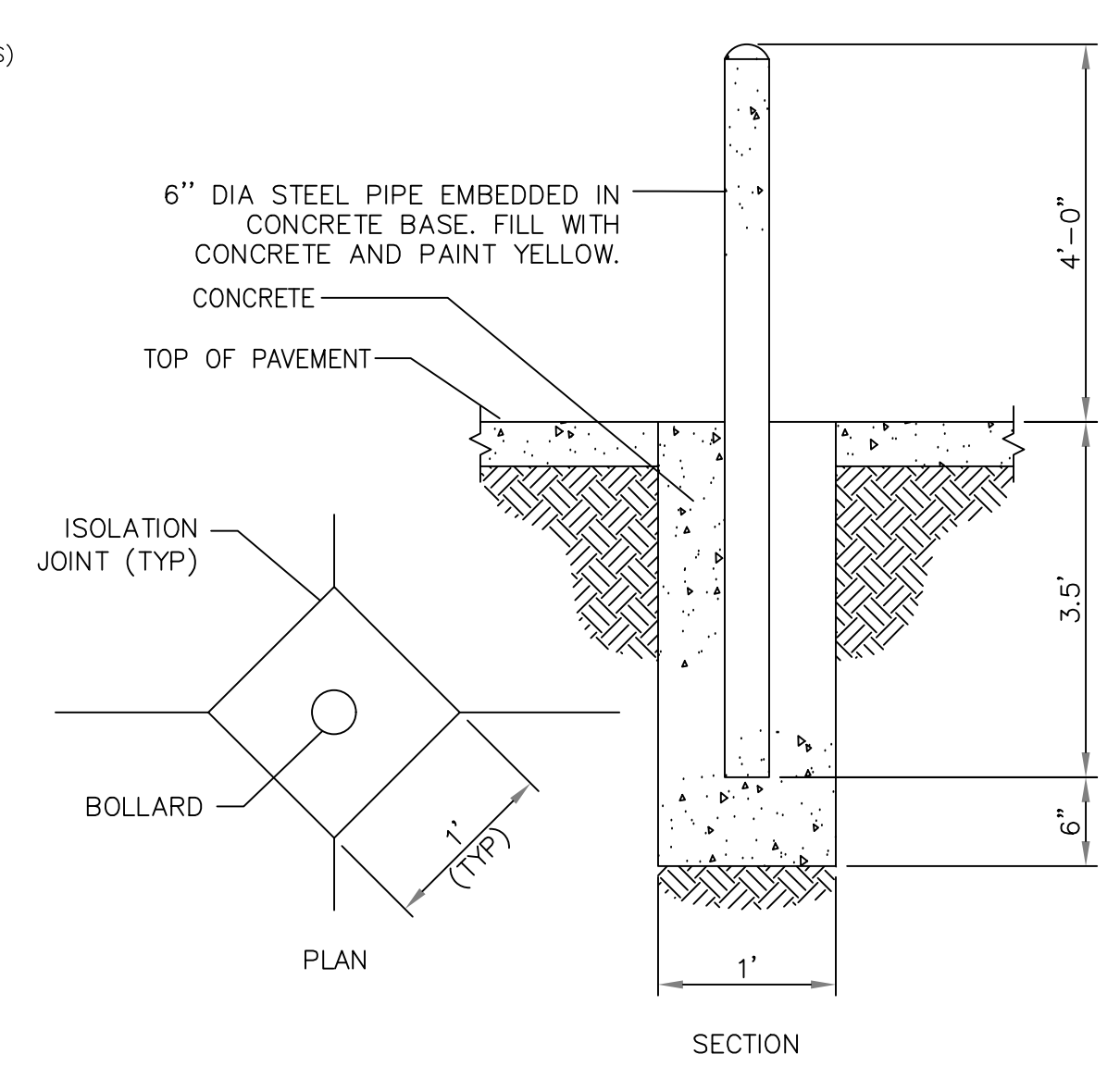
FREE STANDING FDC CONNECTION
NOT TO SCALE



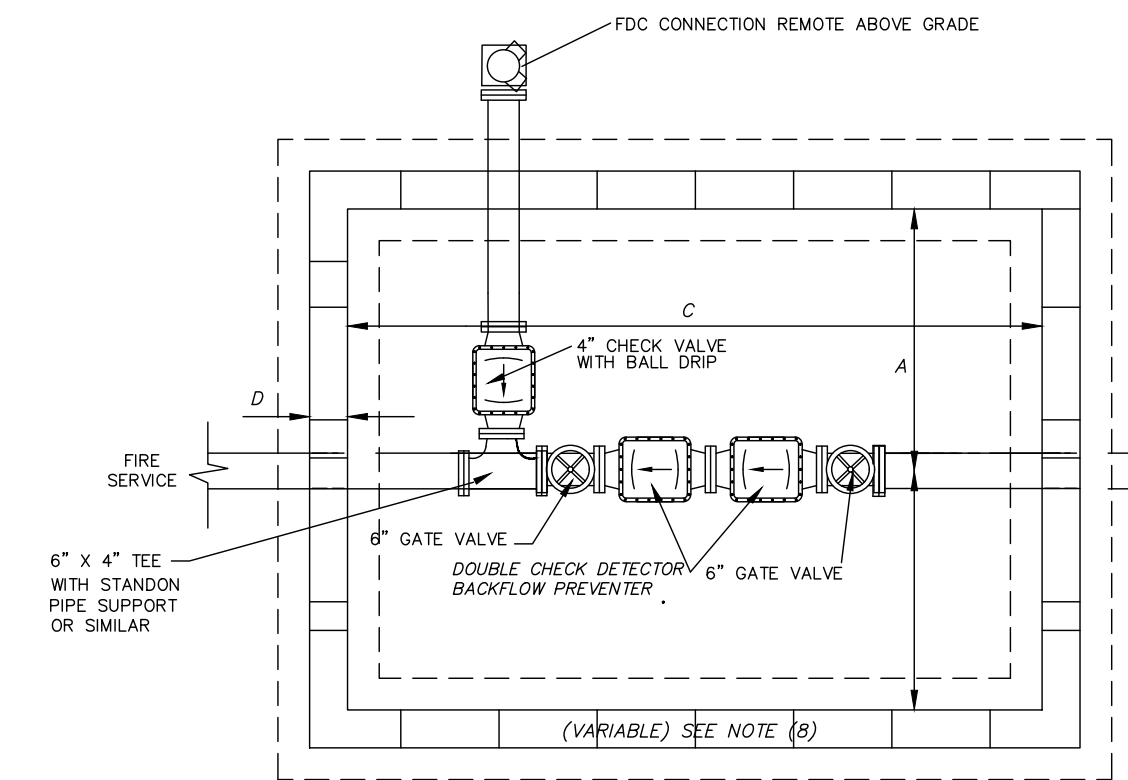
VALVE BOX PROTECTOR RING DETAIL



GATE VALVE BOX
NOT TO SCALE



BOLLARD
NOT TO SCALE

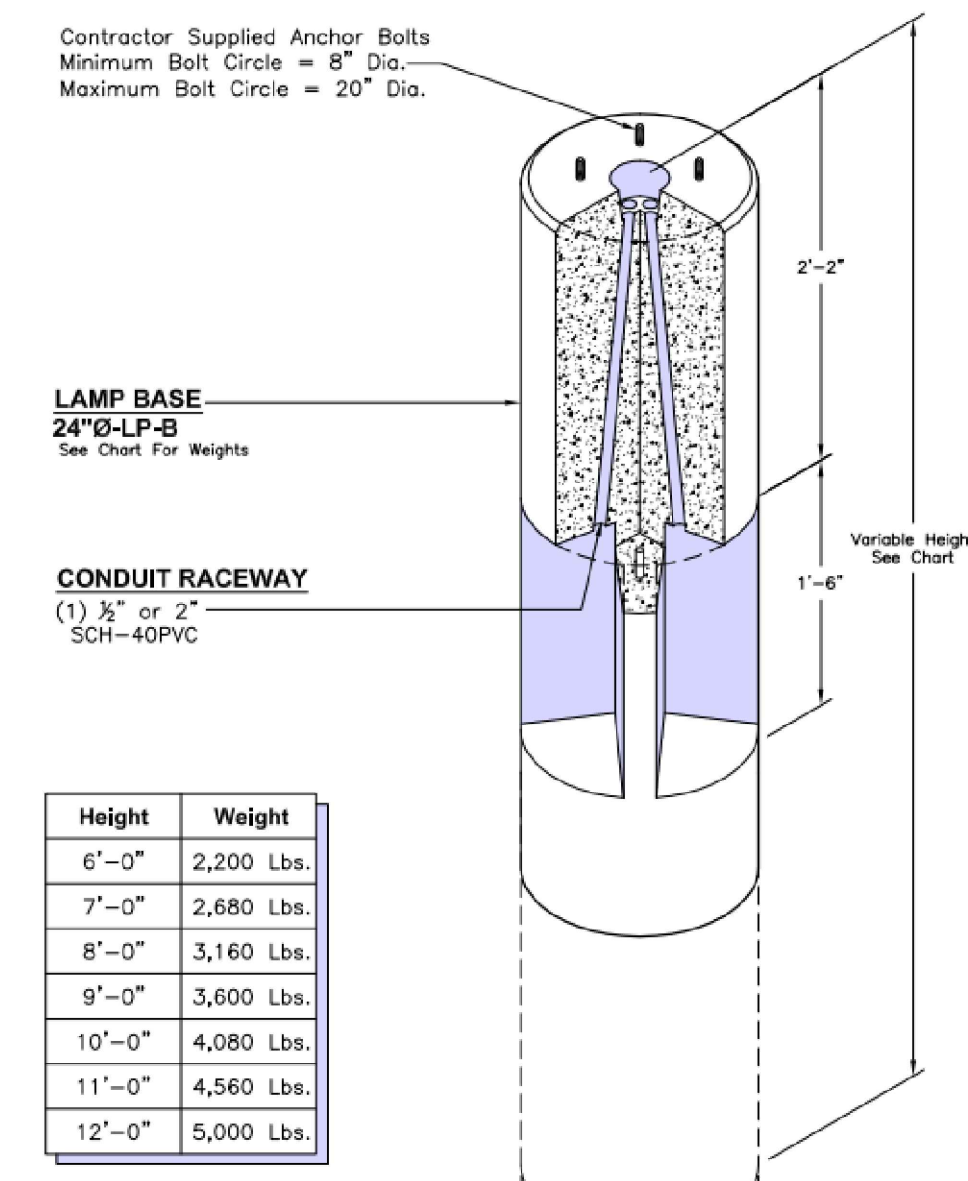


NOTES:

- CHECK VALVE FOR FDC TO BE MUELLER SWING CHECK VALVE UL/PM MODEL # A-2122-B OR APPROVED EQUAL. CONTRACTOR MUST EJECT TO TEST FDC THROUGH TOP OF VAULT AND THEREFORE PROVIDE A VERTICAL OPERATING CHECK VALVE.
- PRECAST CONCRETE VAULT TO BE 60" MIN. DEPTH WITH OPEN BOTTOM AND 4" MIN. #5 STONE IN BOTTOM.
- BOXES SHALL BE PROVIDED WITH A COVER FABRICATED FROM ONE FOURTH (1/4") INCH THICK FLOOR PLATE STEEL WITH A NON-SKID SURFACE PRIME AND PAINTED TO COVER ENTIRE BOX. COVER MUST HAVE A HINGED 24"x24" INSPECTION LID IN THE CENTER OF THE COVER WITH LEFT HANDLES FOR MANIPULATING THE LID. COVER HANDLES MUST LAY FLAT AND BELOW SURFACE COVER.
- DOUBLE CHECK DETECTOR VALVE ASSEMBLY TO BE WATTS SERIES L7570CDBFG OR APPROVED EQUAL.
- SEE SITE UTILITY PLAN FOR EXACT SIZE OF FIRE AND DOMESTIC SERVICE. SIZES SHOWN ARE FOR ILLUSTRATION ONLY.

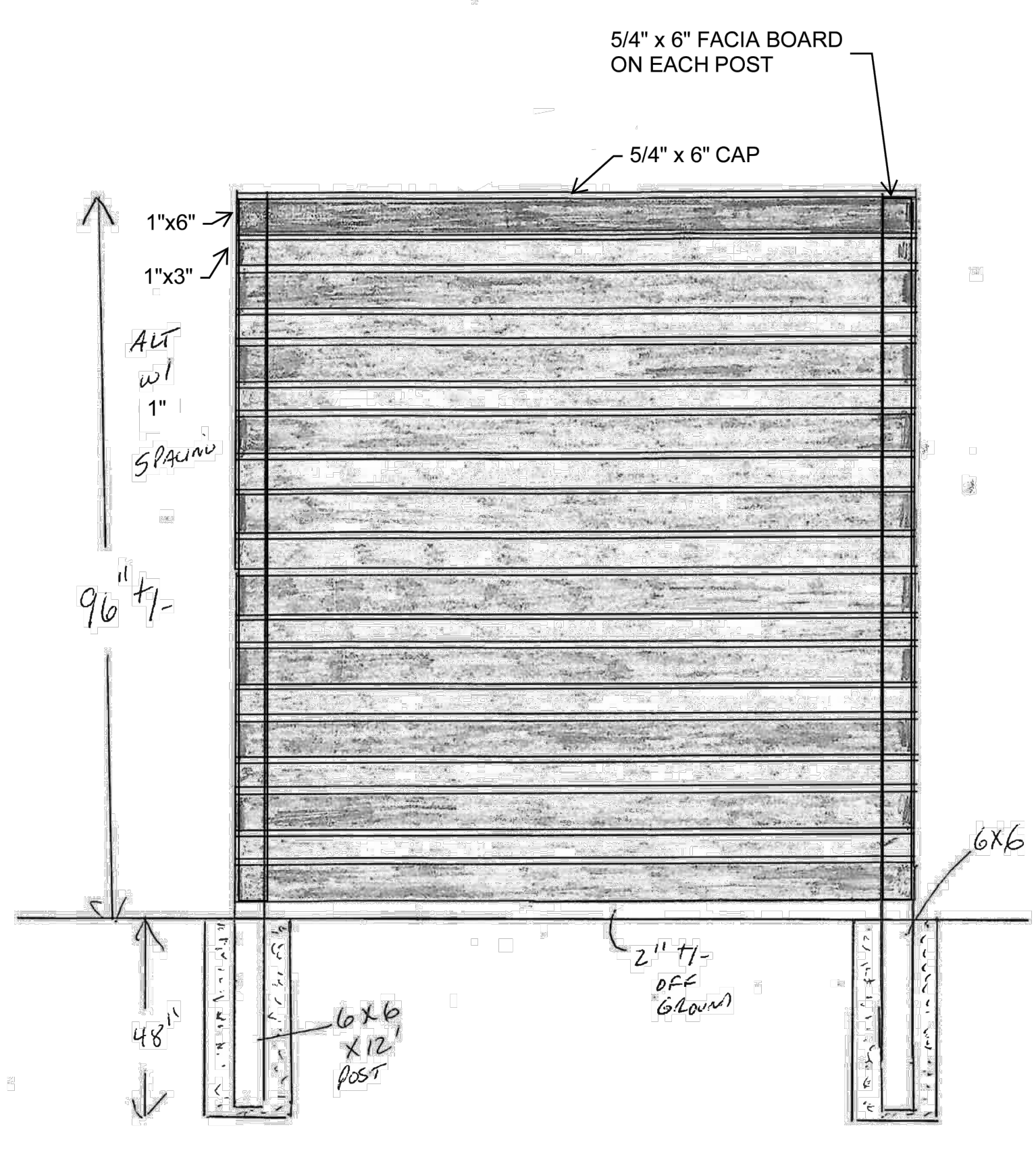
VAULT SIZE	Wt.
A	48"
B	54"
C	60"
D	66"
E	72"
F	78"
G	84"

BACKFLOW PREVENTER VAULT
NOT TO SCALE



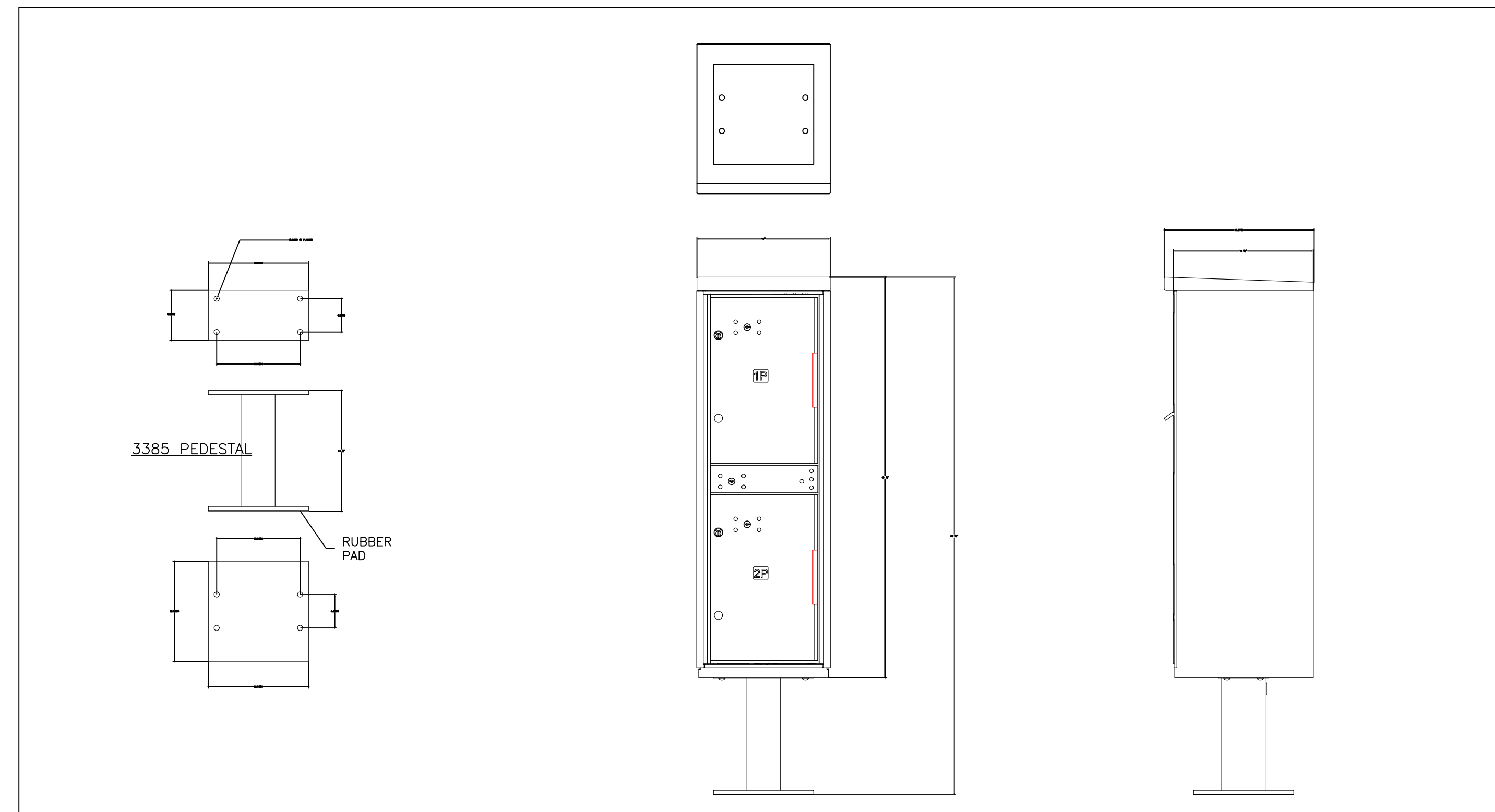
Height	Weight
6'-0"	2,200 Lbs.
7'-0"	2,680 Lbs.
8'-0"	3,160 Lbs.
9'-0"	3,600 Lbs.
10'-0"	4,080 Lbs.
11'-0"	4,560 Lbs.
12'-0"	5,000 Lbs.

LIGHT POLE BASE
NOT TO SCALE



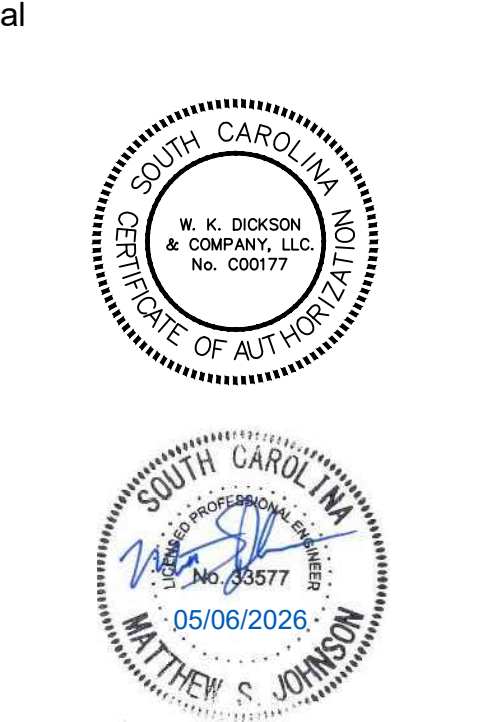
- NOTES:**
- ALL FASTENERS TO BE HOT-DIPPED GALVANIZED SCREWS
 - COORDINATE FINISH WITH ARCHITECTURAL DRAWINGS

HORIZONTAL SLAT FENCING
NOT TO SCALE



MAILBOX DETAIL
NOT TO SCALE

DATE: 4/5/2019	SCALE: 1:1	DESIGNER: [Signature]	PROJECT: 18300 Central Avenue, Carson, CA 90746-4008, Phone: (800) 624-5269, AVAILABILITY FOR USPS ACCESS OR PRIVATE ACCESS	MODEL: 3302	DESCRIPTION: (1) ACCESS COMPARTMENT, (2) PARCEL LOCKERS	DATE: 4/5/2019	SCALE: 1:1	DESIGNER: [Signature]	PROJECT: 18300 Central Avenue, Carson, CA 90746-4008, Phone: (800) 624-5269, AVAILABILITY FOR USPS ACCESS OR PRIVATE ACCESS	MODEL: 3302	DESCRIPTION: (1) ACCESS COMPARTMENT, (2) PARCEL LOCKERS	DATE: 4/5/2019	SCALE: 1:1	DESIGNER: [Signature]	PROJECT: 18300 Central Avenue, Carson, CA 90746-4008, Phone: (800) 624-5269, AVAILABILITY FOR USPS ACCESS OR PRIVATE ACCESS	MODEL: 3302	DESCRIPTION: (1) ACCESS COMPARTMENT, (2) PARCEL LOCKERS
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Project Number	23232
Drawn By	MJ/CJL
Checked By	MJ/JHE
Date	09 OCT 24

Revisions	Date	Description
A	09 OCT 2024	30% SET
B	16 JAN 2026	60% SET
C	18 FEB 2026	90% SET
D	12 MAR 2026	PERMIT SET
E	06 MAY 2026	ADDENDUM 2

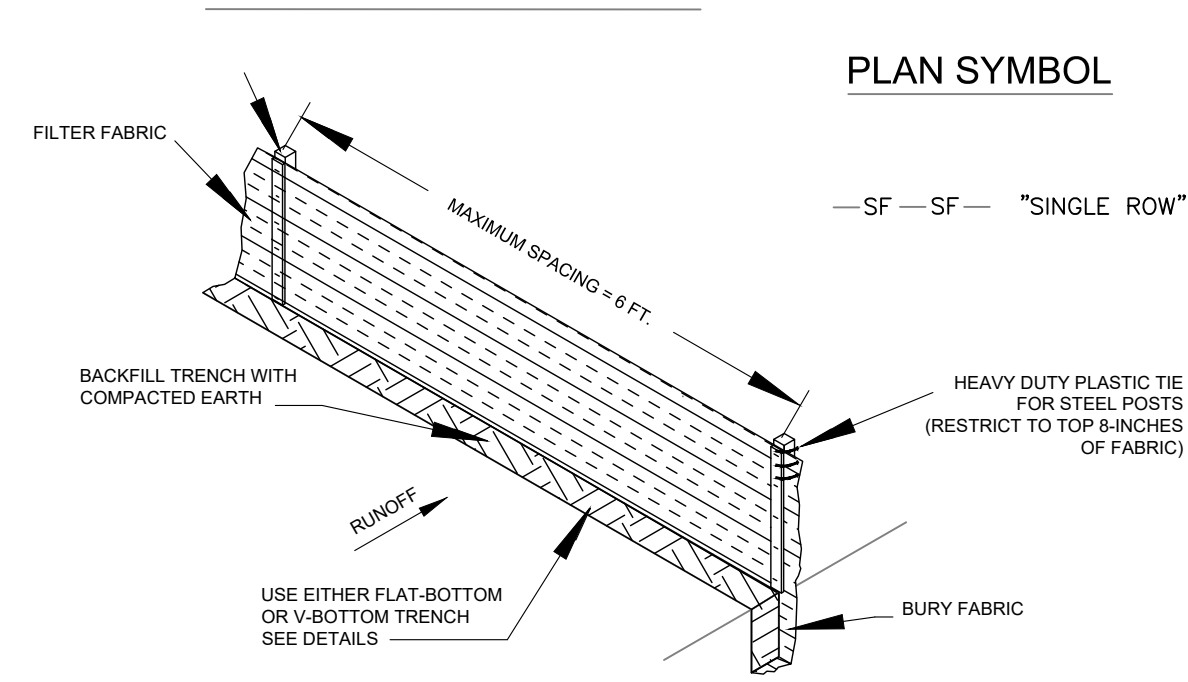
SILT FENCE - POST REQUIREMENTS

- SILT FENCE POSTS MUST BE 48-INCH LONG STEEL POSTS THAT MEET, AT A MINIMUM, THE FOLLOWING PHYSICAL CHARACTERISTICS:
 - COMPOSED OF A HIGH STRENGTH STEEL WITH A MINIMUM YIELD STRENGTH OF 50,000 PSI
 - INCLUDE A STANDARD T SECTION WITH A NOMINAL FACE WIDTH OF 1.38 INCHES AND A NOMINAL T LENGTH OF 1.48 INCHES
 - WEIGH 1.25 POUNDS PER FOOT (± 8%)
- POSTS SHALL BE EQUIPPED WITH PROJECTIONS TO AID IN FASTENING OF FILTER FABRIC.
- STEEL POSTS MAY NEED TO HAVE A METAL SOIL STABILIZATION PLATE WELDED NEAR THE BOTTOM WHEN INSTALLED ON STEEP SLOPES OR INSTALLED IN LOOSE SOILS. THE PLATE SHOULD HAVE A MINIMUM CROSS SECTION OF 1 SQUARE INCHES AND BE COMPOSED OF 18 GAUGE STEEL, AT A MINIMUM. THE METAL SOIL STABILIZATION PLATE SHOULD BE COMPLETELY BURIED.
- INSTALL POSTS TO A MINIMUM OF 24-INCHES. A MINIMUM HEIGHT OF 1- TO 2-INCHES ABOVE THE FABRIC SHALL BE MAINTAINED, AND A MAXIMUM HEIGHT OF 3 FEET SHALL BE MAINTAINED ABOVE THE GROUND.
- POST SPACING SHALL BE AT A MAXIMUM OF 6 FEET ON CENTER.

SILT FENCE - FABRIC REQUIREMENTS

- SILT FENCE MUST BE COMPOSED OF WOVEN GEOTEXTILE FILTER FABRIC THAT CONSISTS OF THE FOLLOWING REQUIREMENTS:
 - COMPOSED OF FIBERS CONSISTING OF LONG CHAIN SYNTHETIC POLYMERS OF AT LEAST 85% BY WEIGHT OF POLYOLEFINS, POLYESTERS, OR POLYAMIDES THAT ARE FORMED INTO A NETWORK SUCH THAT THE FILAMENTS OR YARNS RETAIN DIMENSIONAL STABILITY RELATIVE TO EACH OTHER
 - FREE OF ANY TREATMENT OR COATING WHICH MIGHT ADVERSELY ALTER ITS PHYSICAL PROPERTIES AFTER INSTALLATION
 - FREE OF ANY DEFECTS OR FLAWS THAT SIGNIFICANTLY AFFECT ITS PHYSICAL AND/OR FILTERING PROPERTIES; AND
 - HAVE A MINIMUM WIDTH OF 36-INCHES.
- USE ONLY FABRIC APPEARING ON SC DOT'S QUALIFIED PRODUCTS LISTING (QPL) APPROVAL SHEET #34, MEETING THE REQUIREMENTS OF THE MOST CURRENT EDITION OF THE SC DOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
- 12-INCHES OF THE FABRIC SHOULD BE PLACED WITHIN EXCAVATED TRENCH AND TOED IN WHEN THE TRENCH IS BACKFILLED.
- FILTER FABRIC SHALL BE PURCHASED IN CONTINUOUS ROLLS AND CUT TO THE LENGTH OF THE BARRIER TO AVOID JOINTS.
- FILTER FABRIC SHALL BE INSTALLED AT A MINIMUM OF 24-INCHES ABOVE THE GROUND.

SILT FENCE INSTALLATION



SILT FENCE - GENERAL NOTES

- DO NOT PLACE SILT FENCE ACROSS CHANNELS OR IN OTHER AREAS SUBJECT TO CONCENTRATED FLOWS. SILT FENCE SHOULD NOT BE USED AS A VELOCITY CONTROL BMP. CONCENTRATED FLOWS ARE ANY FLOWS GREATER THAN 0.5 CFS.
- MAXIMUM SHEET OR OVERLAND FLOW PATH LENGTH TO THE SILT FENCE SHALL BE 100-FEET.
- MAXIMUM SLOPE STEEPNESS (NORMAL, [PERPENDICULAR] TO THE FENCE LINE) SHALL BE 2:1.
- SILT FENCE JOINTS, WHEN NECESSARY, SHALL BE COMPLETED BY ONE OF THE FOLLOWING OPTIONS:
 - WAP EACH FABRIC TOGETHER AT A SUPPORT POST WITH BOTH ENDS FASTENED TO THE POST WITH A 1-FOOT MINIMUM OVERLAP.
 - OVERLAP SILT FENCE BY INSTALLING 3 FEET PASSED THE SUPPORT POST TO WHICH THE NEW SILT FENCE ROLL IS ATTACHED. ATTACH OLD ROLL TO NEW ROLL WITH HEAVY-DUTY PLASTIC TIES; OR
 - OVERLAP ENTIRE WIDTH OF EACH SILT FENCE ROLL FROM ONE SUPPORT POST TO THE NEXT SUPPORT POST.
- ATTACH FILTER FABRIC TO THE STEEL POSTS USING HEAVY-DUTY PLASTIC TIES THAT ARE EVENLY SPACED WITHIN THE TOP 8-INCHES OF THE FABRIC.
- INSTALL THE SILT FENCE PERPENDICULAR TO THE DIRECTION OF THE STORMWATER FLOW AND PLACE THE SILT FENCE THE PROPER DISTANCE FROM THE TOE OF STEEP SLOPES TO PROVIDE SEDIMENT STORAGE AND ACCESS FOR MAINTENANCE AND CLEANOUT.
- INSTALL SILT FENCE CHECKS (TIE-BACKS) EVERY 50-100 FEET. DEPENDENT ON SLOPE, ALONG SILT FENCE THAT IS INSTALLED WITH SLOPE AND WHERE CONCENTRATED FLOWS ARE EXPECTED OR ARE DOCUMENTED ALONG THE PROPOSED/INSTALLED SILT FENCE.

DETAIL 900 - SILT FENCE
NOT TO SCALE

INSTALLATION:

SLOPES SHALL BE STABILIZED IMMEDIATELY USING VEGETATION, SOD, AND EROSION CONTROL BLANKETS OR TURF REINFORCEMENT MATS TO PREVENT EROSION.

THE UPSLOPE SIDE OF THE DIKE SHOULD PROVIDE POSITIVE DRAINAGE SO NO EROSION OCCURS AT THE OUTLET. PROVIDE ENERGY DISSIPATION MEASURES AS NECESSARY.

SEDIMENT-LADEN RUNOFF MUST BE RELEASED THROUGH A SEDIMENT TRAPPING FACILITY.

SEDIMENT-LADEN RUNOFF SHALL BE DIRECTED TO A SEDIMENT TRAPPING FACILITY.

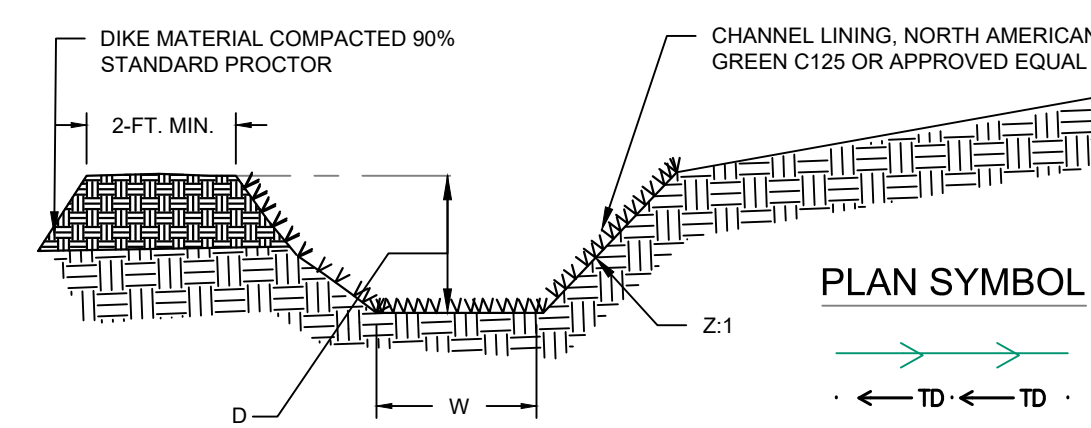
MINIMIZE CONSTRUCTION TRAFFIC OVER DIVERSION DIKES AND BERMS.

INSPECTION AND MAINTENANCE:

DIKES AND BERMS SHOULD BE INSPECTED, EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24-HOURS AFTER EACH RAINFALL EVENT THAT PRODUCES 1/2-INCHES OR MORE OF PRECIPITATION AND REPAIRS MADE AS NECESSARY.

DAMAGE CAUSED BY CONSTRUCTION TRAFFIC OR OTHER ACTIVITY MUST BE REPAIRED BEFORE THE END OF EACH WORKING DAY.

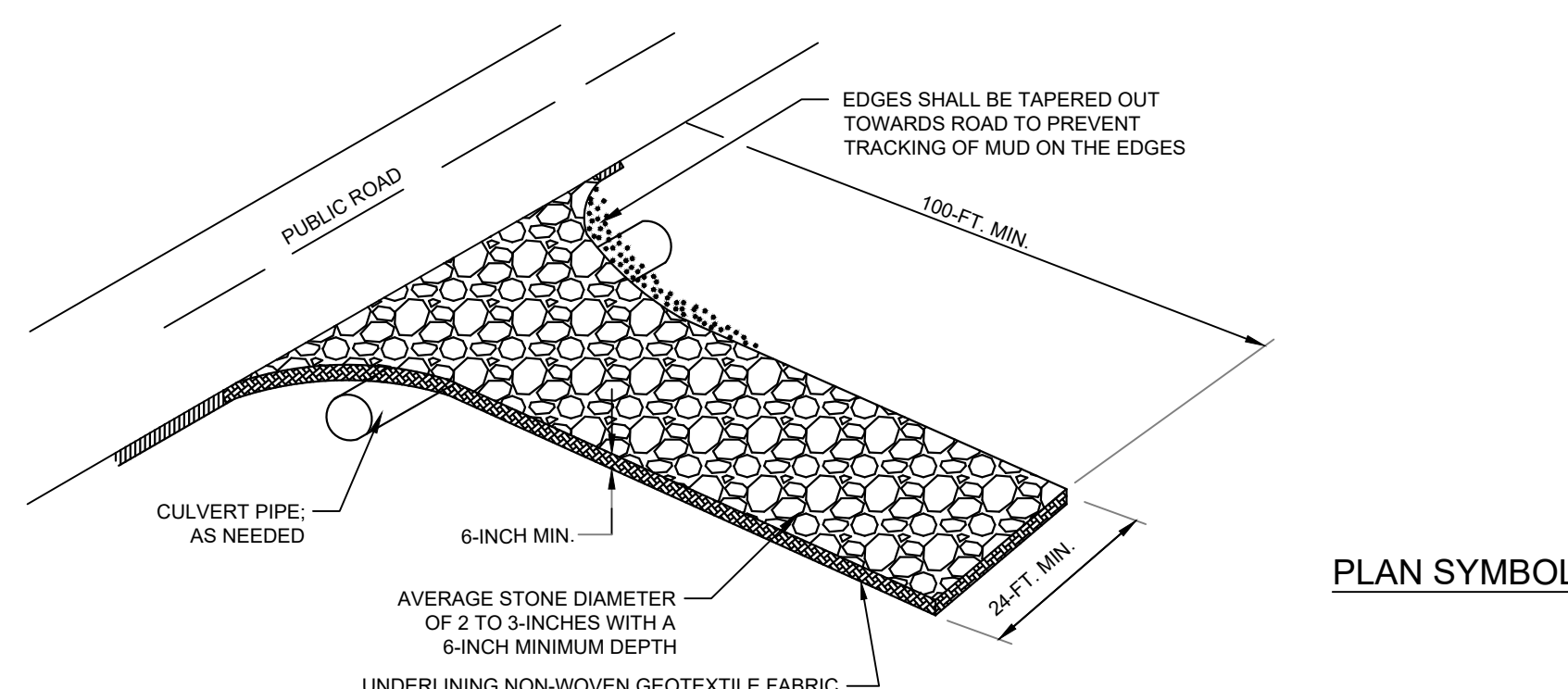
DITCH NO.	TEMPORARY/ PERMANENT	BOTTOM WIDTH (W)	SIDE SLOPE (Z)	DEPTH (D)	LINER
DIVERSION DITCH 1	PERMANENT	0'	3:3	2.0'	C 125
DIVERSION DITCH 2	PERMANENT	0'	30:8	1.0'	C 125
DIVERSION DITCH 3	TEMPORARY	0'	2:2	1.5'	C 125



DETAIL 901 - DIVERSION DITCH
NOT TO SCALE

SILT FENCE - INSPECTION & MAINTENANCE

- THE KEY TO FUNCTIONAL SILT FENCE IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR SEDIMENT REMOVAL.
- REGULAR INSPECTIONS OF SILT FENCE SHALL BE CONDUCTED ONCE EVERY CALENDAR WEEK AND, AS RECOMMENDED, WITHIN 24-HOURS AFTER EACH RAINFALL EVENT THAT PRODUCES 1/2-INCH OR MORE OF PRECIPITATION.
- ATTENTION TO SEDIMENT ACCUMULATIONS ALONG THE SILT FENCE IS EXTREMELY IMPORTANT. ACCUMULATED SEDIMENT SHOULD BE CONTINUALLY MONITORED AND REMOVED WHEN NECESSARY.
- REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES 1/3 THE HEIGHT OF THE SILT FENCE.
- REMOVED SEDIMENT SHALL BE PLACED IN STOCKPILE STORAGE AREAS OR SPREAD THINLY ACROSS DISTURBED AREA. STABILIZE THE REMOVED SEDIMENT AFTER IT IS RELOCATED.
- CHECK FOR AREAS WHERE STORMWATER RUNOFF HAS ERODED A CHANNEL BENEATH THE SILT FENCE, OR WHERE THE FENCE HAS SAGGED OR COLLAPSED DUE TO RUNOFF OVERTOPPING THE SILT FENCE. INSTALL CHECKS/TIE-BACKS AND/OR REINSTALL SILT FENCE, AS NECESSARY.
- CHECK FOR TEARS WITHIN THE SILT FENCE. AREAS WHERE SILT FENCE HAS BEGUN TO DECOMPOSE, AND FOR ANY OTHER CIRCUMSTANCE THAT MAY RENDER THE SILT FENCE INEFFECTIVE. REMOVED DAMAGED SILT FENCE AND REINSTALL NEW SILT FENCE IMMEDIATELY.
- SILT FENCE SHOULD BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED AND ONCE IT IS REMOVED, THE RESULTING DISTURBED AREA SHALL BE PERMANENTLY STABILIZED.



NOTES:

- INSTALL A CULVERT PIPE ACROSS THE ENTRANCE WHEN NEEDED TO PROVIDE POSITIVE DRAINAGE
- DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE STONE PAD TO A SEDIMENT TRAP OR BASIN OR OTHER SEDIMENT TRAPPING STRUCTURE.

WHEN AND WHERE TO USE IT

STABILIZED CONSTRUCTION ENTRANCES SHOULD BE USED AT ALL POINTS WHERE TRAFFIC WILL BE LEAVING A CONSTRUCTION SITE AND MOVING DIRECTLY ONTO A PUBLIC ROAD.

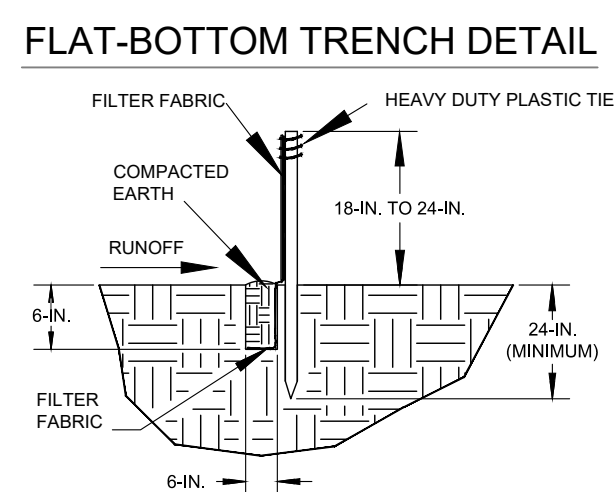
IMPORTANT CONSIDERATIONS

- IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFFSITE.
- WASHDOWN AREAS SHALL BE REQUIRED AS DIRECTED BY SCDHEC AS NEEDED.
- WASHDOWN AREAS IN GENERAL MUST BE ESTABLISHED WITH CRUSHED GRAVEL, AND DRAIN INTO A SEDIMENT TRAP OR SEDIMENT BASIN.
- CONSTRUCTION ENTRANCES SHOULD BE USED IN CONJUNCTION WITH THE STABILIZATION OF CONSTRUCTION ROADS TO REDUCE THE AMOUNT OF MUD PICKED UP BY VEHICLES.

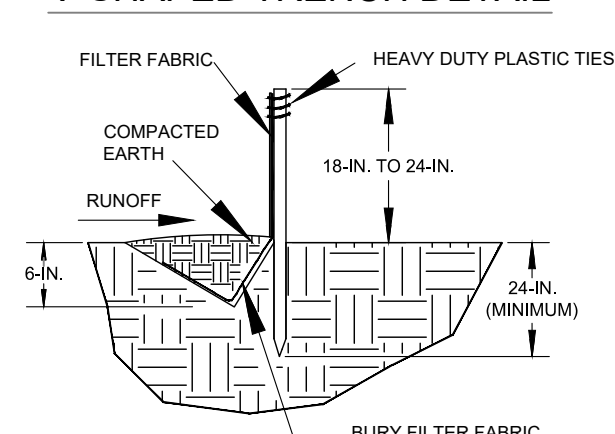
INSPECTION AND MAINTENANCE:

- INSPECT ONCE EVERY FOURTEEN (14) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT OF 0.5 INCHES OR GREATER.
- CHECK FOR MUD AND SEDIMENT BUILDUP AND PAD INTEGRITY.
- MAKE DAILY INSPECTIONS DURING PERIODS OF WET WEATHER. MAINTENANCE IS REQUIRED MORE FREQUENTLY IN WET WEATHER CONDITIONS.
- RESHAPE THE STONE PAD AS NEEDED FOR DRAINAGE AND RUNOFF CONTROL.
- WASH OR REPLACE STONES AS NEEDED AND AS DIRECTED BY THE INSPECTOR. THE STONE IN THE ENTRANCE SHOULD BE WASHED OR REPLACED WHENEVER THE ENTRANCE FAILS TO REDUCE MUD BEING CARRIED OFF-SITE BY VEHICLES. FREQUENT WASHING WILL EXTEND THE USEFUL LIFE OF STONE.
- IMMEDIATELY REMOVE MUD AND SEDIMENT TRACKED OR WASHED ONTO PUBLIC ROADS BY BRUSHING OR SWEEPING.
- FLUSHING SHOULD ONLY BE USED WHEN THE WATER CAN BE DISCHARGED TO A SEDIMENT TRAP OR BASIN.
- REPAIR ANY BROKEN PAVEMENT IMMEDIATELY.

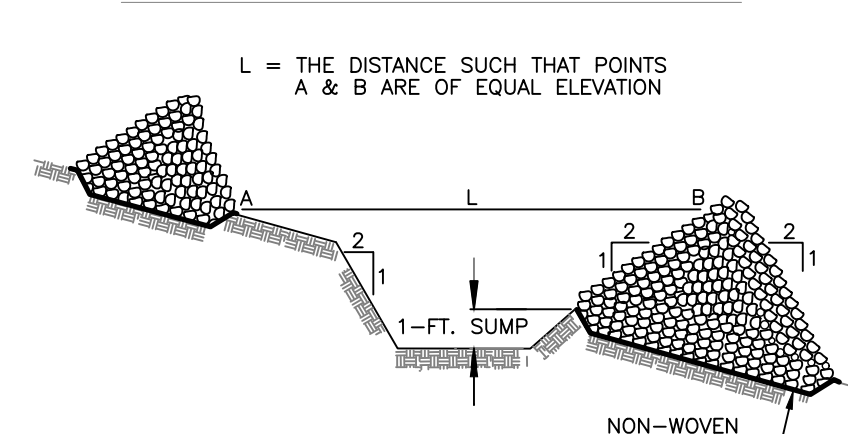
DETAIL 902 - TEMPORARY CONSTRUCTION ENTRANCE
NOT TO SCALE



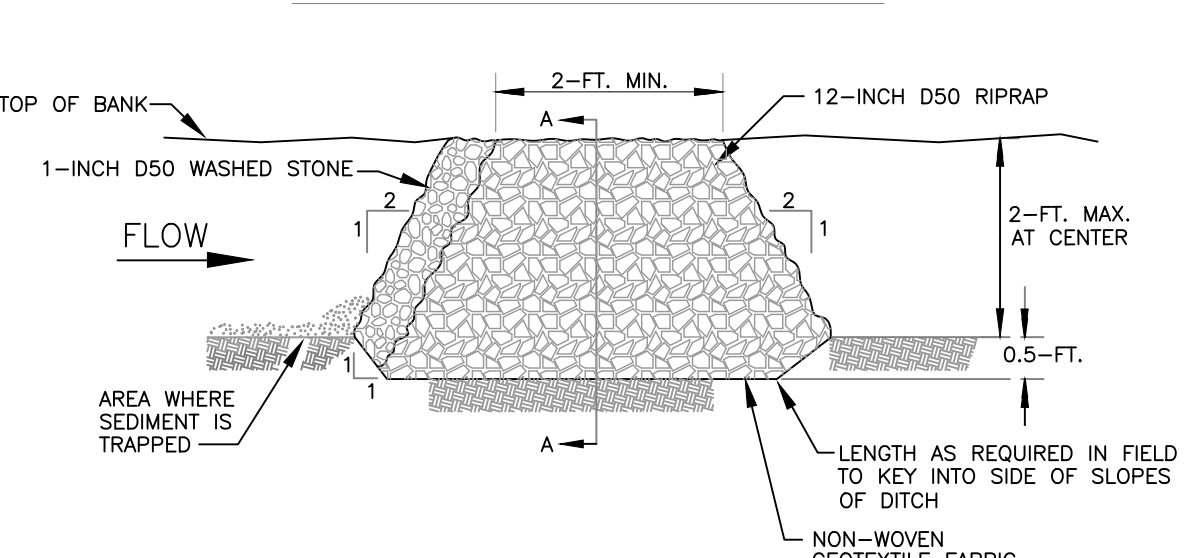
V-SHAPED TRENCH DETAIL



SPACING BETWEEN DITCH CHECK



TYPICAL DITCH CHECK SECTION

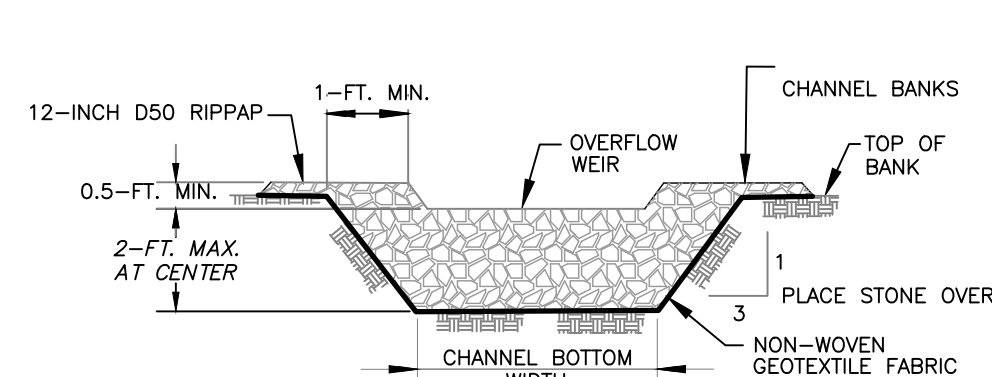


ROCK DITCH CHECK - GENERAL NOTES

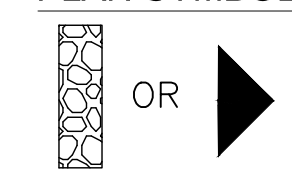
- Rock Ditch Checks should not be placed in Waters of the State or USGS blue-line streams (unless approved by Federal Authorities).
- Rock Ditch Checks should be installed in steeply sloped channels where adequate vegetation cannot be established. This BMP measure should only be used in small open channels.
- A non-woven geotextile fabric shall be installed over the soil surface where the rock ditch check is to be placed.
- The body of the rock ditch check shall be composed of 12-inch D50 washed stone.
- Rock Ditch Checks should not exceed a height of 2-feet at the centerline of the channel.
- Rock Ditch Checks should have a minimum top flow length of 2-feet.
- Riprap should be placed over channel banks to prevent water from cutting around the ditch check.
- The riprap should be placed by hand or mechanical placement (no dumping of rock to form dam) to achieve complete coverage of the channel. Doing so will also ensure that the center of the check is lower than the edges.
- The maximum spacing between the dams should be such that the toe of the upstream check is at the same elevation as the top of the downstream check.

DETAIL 903 - ROCK DITCH CHECK
NOT TO SCALE

CROSS SECTION A-A THRU STONE DITCH CHECK

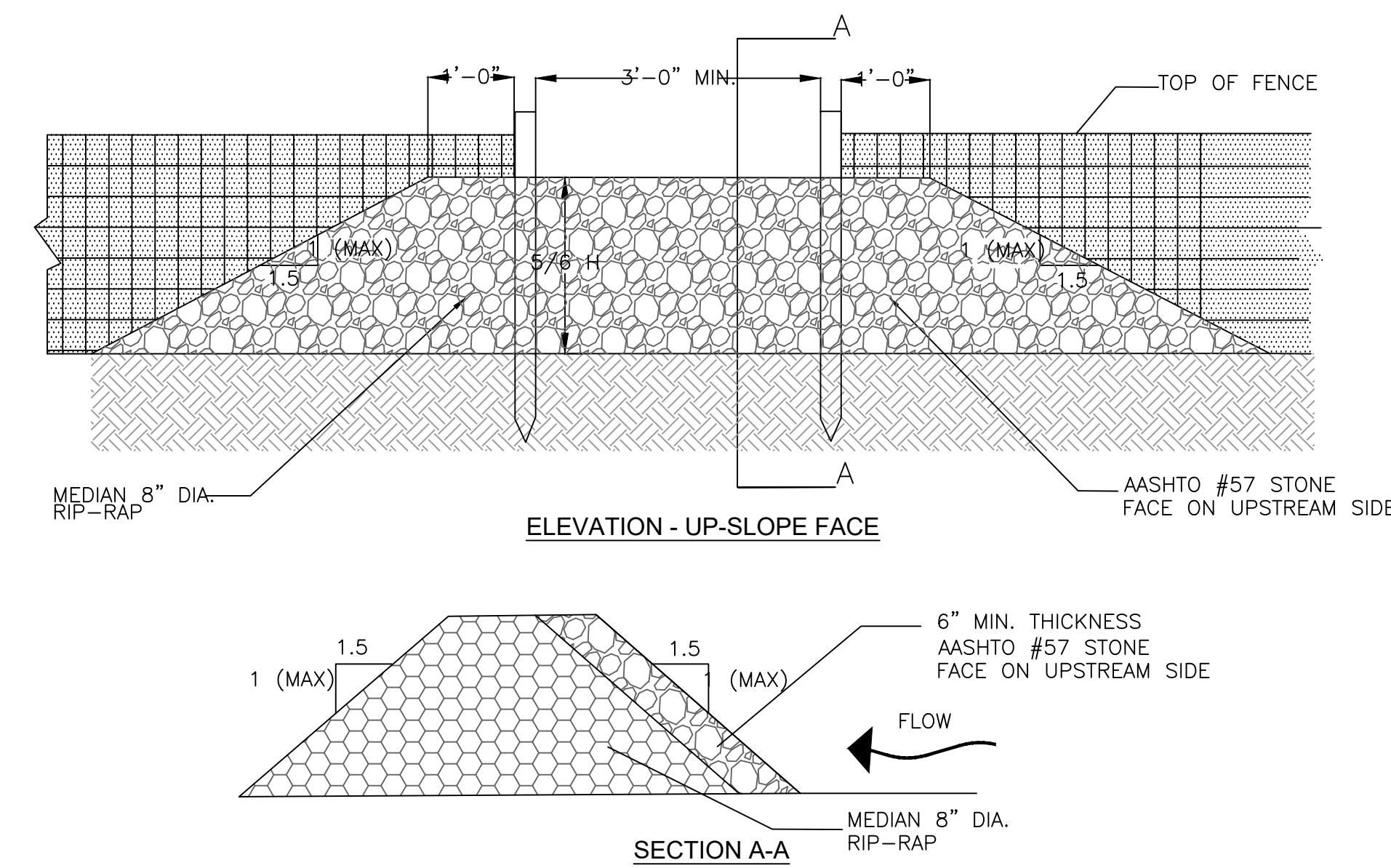


PLAN SYMBOL



ROCK DITCH CHECK - INSPECTION & MAINTENANCE

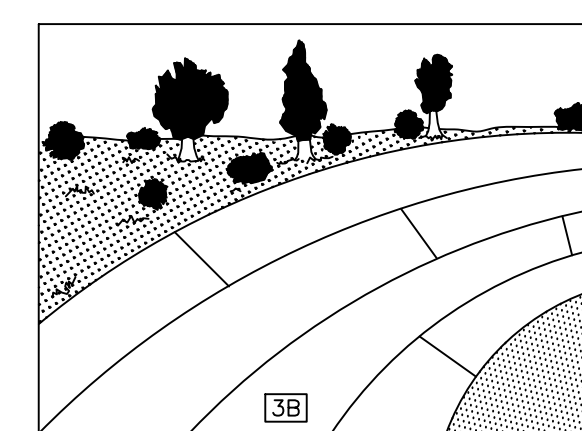
- The key to functional rock ditch check is weekly inspections, routine maintenance, and regular sediment removal.
- Regular inspections of rock ditch checks shall be conducted once every calendar week and, as recommended, within 24-hours after each rainfall event that produces 1/2-inch or more of precipitation.
- Attention to sediment accumulations in front of the rock ditch check is extremely important. Accumulated sediment should be continually monitored and removed when necessary.
- Remove accumulated sediment when it reaches 1/3 the height of the rock ditch check.
- Removed sediment shall be placed in stockpile storage areas or spread thinly across disturbed area. Stabilize the removed sediment after it is relocated.
- Inspect Rock Ditch Checks' edges for erosion and evidence of runoff bypassing the installed check, if evident repair promptly as necessary to prevent erosion and bypassing.
- In the case of grass-lined ditches, channels, and swales, rock ditch checks should be removed when the grass has matured sufficiently to protect the ditch or swale unless the slope of the swale is greater than 4%.
- After construction is completed and final stabilization is reached, the entirety of the rock ditch check should be removed if vegetation will be used for permanent erosion control measures. The area beneath the removed rock ditch check must be addressed with permanent stabilization measures.



NOTES:

- WASHED STONE (#57) TO BE REMOVED AND REPLACED ONCE IT BECOMES CLOGGED WITH SEDIMENT.
- SEDIMENT TO BE REMOVED WHEN ACCUMULATIONS REACH 1/3 HEIGHT OF SILT FENCE
- THE KEY TO FUNCTIONAL ROCK OUTLETS IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR SEDIMENT REMOVAL.

DETAIL 904 - SILT FENCE ROCK OUTLET
NOT TO SCALE



EROSION CONTROL MATTING INSTALLATION:

- PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (RECPS), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
- BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE RECPS IN A 6" (15CM) DEEP X 6" (15CM) WIDE TRENCH WITH APPROXIMATELY 12" (30CM) OF RECPS EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE RECPS WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30CM) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO THE COMPACTED SOIL AND FOLD THE REMAINING 12" (30CM) PORTION OF RECPS BACK OVER THE SEED AND COMPACTED SOIL. SECURE RECPS OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" (30CM) APART ACROSS THE WIDTH OF THE RECPS.
- ROLL THE RECPS (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE. RECPS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL RECPS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE.
- THE EDGES OF PARALLEL RECPS MUST BE STAPLED WITH APPROXIMATELY 2'-5" (5-12.5CM) OVERLAP DEPENDING ON THE RECPS TYPE.
- CONSECUTIVE RECPS SPICED DOWN THE SLOPE MUST BE END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" (7.5CM) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" (30CM) APART ACROSS ENTIRE RECPS WIDTH.

NOTES:

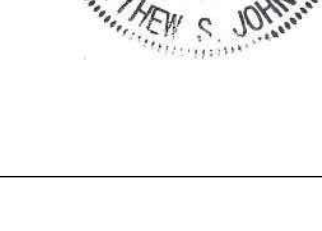
- IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15CM) MAY BE NECESSARY TO PROPERLY SECURE THE RECPS.
- ALL SLOPES WITH SLOPE GREATER THAN 3:1 THAT CONSTRUCTION ACTIVITIES HAVE PERMANENTLY OR TEMPORARILY CEASED SHALL BE STABILIZED WITH NA GREEN SC 150 EROSION CONTROL MATTING OR APPROVED EQUAL UNLESS OTHERWISE NOTED.

MAINTENANCE NOTES:

- INSPECT AREAS PROTECTED BY EROSION CONTROL MATTING FOR DISLOCATION OR FAILURE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24-HOURS AFTER EACH STORM THAT PRODUCES 1/2" OR MORE OF RAIN.
- CONDUCT REGULAR INSPECTIONS UNTIL GRASSES ARE FIRMLY ESTABLISHED.
- ADHERE TO THE PINNING OR STAPLING PATTERN AS SHOWN ON THE MANUFACTURER'S INSTALLATION SHEET. IF THERE IS EVIDENCE THE MATTING IS NOT SECURELY FASTENED TO THE SOIL, REQUIRE EXTRA PINS OR STAPLES TO INHIBIT THE MATTING FROM BECOMING DISLOADED.
- IF WASHOUT OR BREAKAGE OCCURS, REPAIR ALL DAMAGED AREAS IMMEDIATELY BY RESTORING THE SOIL ON THE SLOPES OR CHANNELS TO ITS FINISHED GRADE. RE-APPLY FERTILIZER AND SEED AND REPLACE THE APPROPRIATE MATTING MATERIAL AS NEEDED.

DETAIL 905 - EROSION CONTROL MATTING
NOT TO SCALE

Seal



Project



NEWBERRY COUNTY PUBLIC SAFETY COMPLEX

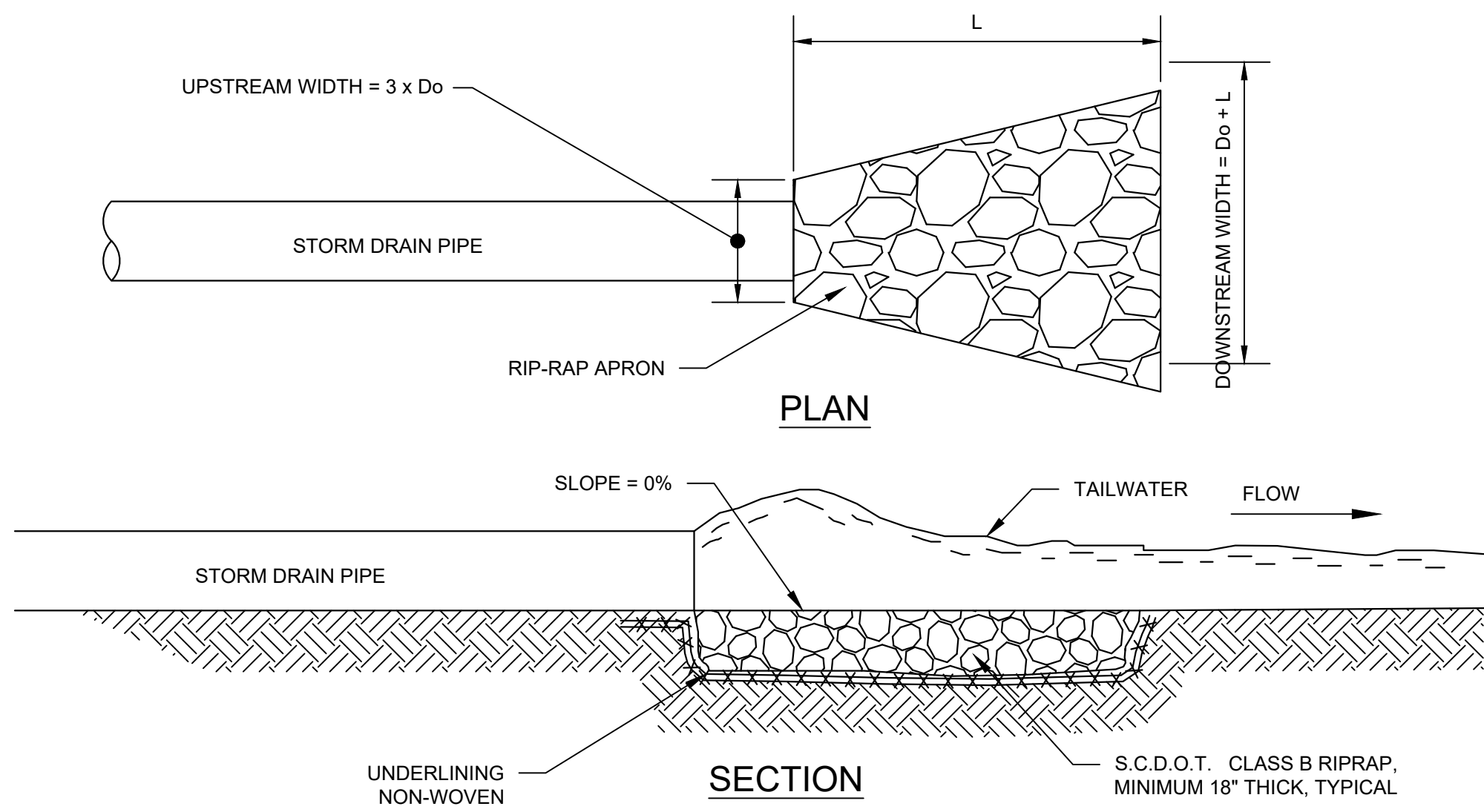
Project Number 23232
Drawn By MJ/JGL
Checked By MJ/JHE
Date 09 OCT 24

Revisions	Date	Description
A	09 OCT 2024	30% SET
B	16 JAN 2026	60% SET
C	18 FEB 2026	90% SET
D	12 MAR 2026	PERMIT SET
E	06 MAY 2026	ADDENDUM 2

Drawing

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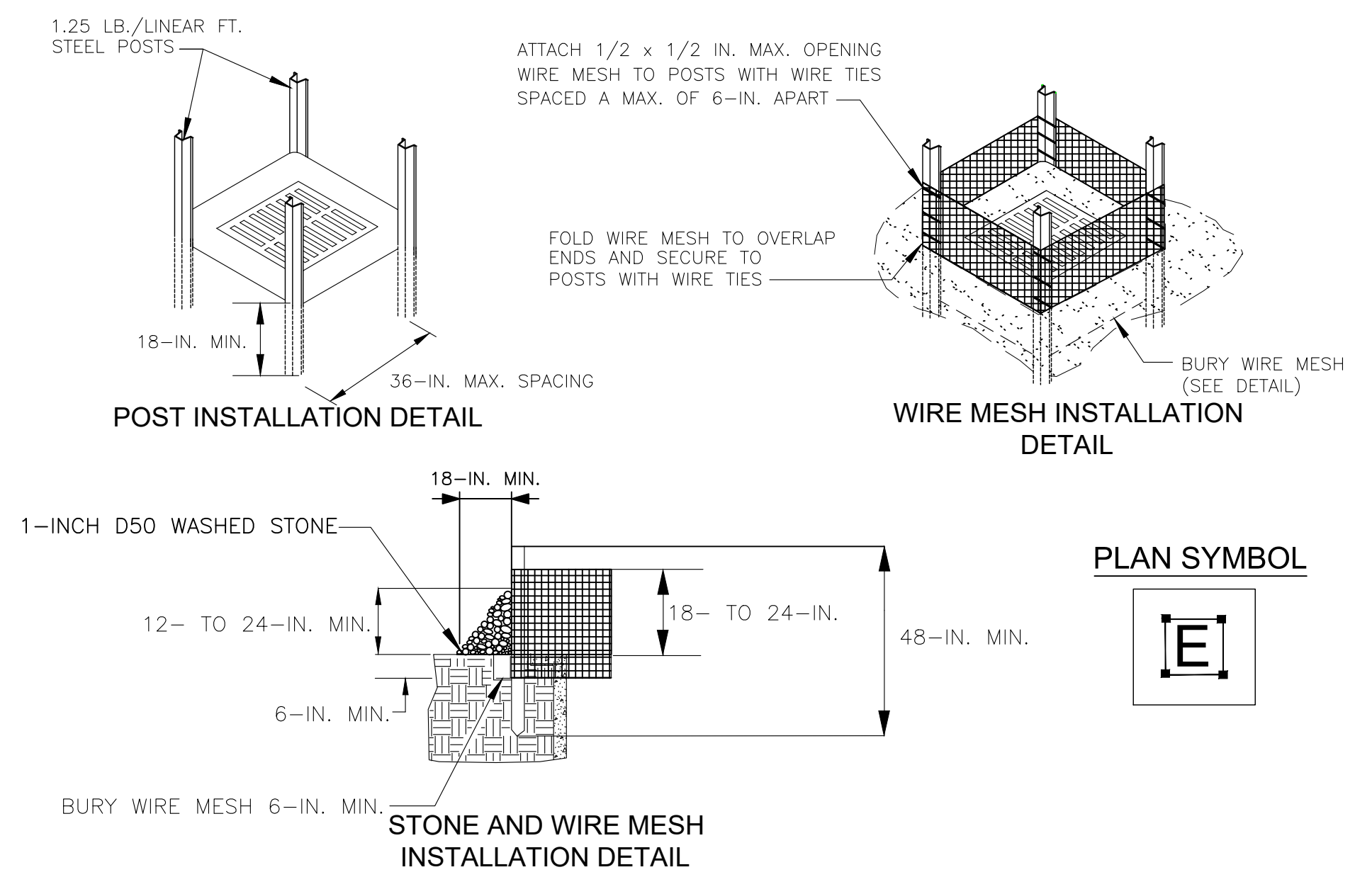
Outfall Protection No.	Location	Pipe Size	Minimum D50	Width at Outlet	Length	Width at End of Apron	Depth
1	FES-1	30"	6"	9'	16'	19'	18"
2	HW-1	24"	8"	6'	18'	20'	18"

- ENSURE THAT THE SUBGRADE FOR THE FILTER AND RIPRAP FOLLOWS THE REQUIRED LINES AND GRADES SHOWN IN THE PLAN. COMPACT ANY FILL REQUIRED IN THE SUBGRADE TO THE DENSITY OF THE SURROUNDING UNDISTURBED MATERIAL. LOW AREAS IN THE SUBGRADE ON UNDISTURBED SOIL MAY ALSO BE FILLED BY INCREASING THE RIPRAP THICKNESS.
- THE RIPRAP AND GRAVEL FILTER MUST CONFORM TO THE SPECIFIED GRADING LIMITS SHOWN ON THE PLANS.
- FILTER CLOTH, WHEN USED, MUST MEET DESIGN REQUIREMENTS AND BE PROPERLY PROTECTED FROM PUNCHING OR TEARING DURING INSTALLATION. REPAIR ANY DAMAGE BY REMOVING THE RIPRAP AND PLACING ANOTHER PIECE OF FILTER CLOTH OVER THE DAMAGED AREA. ALL CONNECTING JOINTS SHOULD OVERLAP A MINIMUM OF 1 FT. IF THE DAMAGE IS EXTENSIVE, REPLACE THE ENTIRE FILTER CLOTH.
- RIPRAP MAY BE PLACED BY EQUIPMENT, BUT TAKE CARE TO AVOID DAMAGING THE FILTER.
- THE MINIMUM THICKNESS OF THE RIPRAP SHOULD BE 1.5 TIMES THE MAXIMUM STONE DIAMETER.
- RIPRAP MAY BE FIELD STONE OR ROUGH QUARRY STONE. IT SHOULD BE HARD, ANGULAR, HIGHLY WEATHER-RESISTANT AND WELL GRADED.
- CONSTRUCT THE APRON GRADE AS SHOWN ON PLAN WITH NO OVER FALL AT THE END. MAKE THE TOP OF THE RIPRAP AT THE DOWNSTREAM END LEVEL WITH THE RECEIVING AREA OR SLIGHTLY BELOW IT.
- ENSURE THAT THE APRON IS PROPERLY ALIGNED WITH THE RECEIVING STREAM AND PREFERABLY STRAIGHT THROUGHOUT ITS LENGTH.
- IMMEDIATELY AFTER CONSTRUCTION, STABILIZE ALL DISTURBED AREAS WITH VEGETATION.

MAINTENANCE

RIPRAP OUTLET STRUCTURES SHALL BE INSPECTED ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT OF 0.5 INCHES OR GREATER TO SEE IF ANY EROSION AROUND OR BELOW THE RIPRAP HAS TAKEN PLACE OR IF STONES HAVE BEEN DISLODGED. IMMEDIATELY MAKE ALL NEEDED REPAIRS TO PREVENT FURTHER DAMAGE.

DETAIL 906 - RIP-RAP OUTLET PROTECTION
NOT TO SCALE



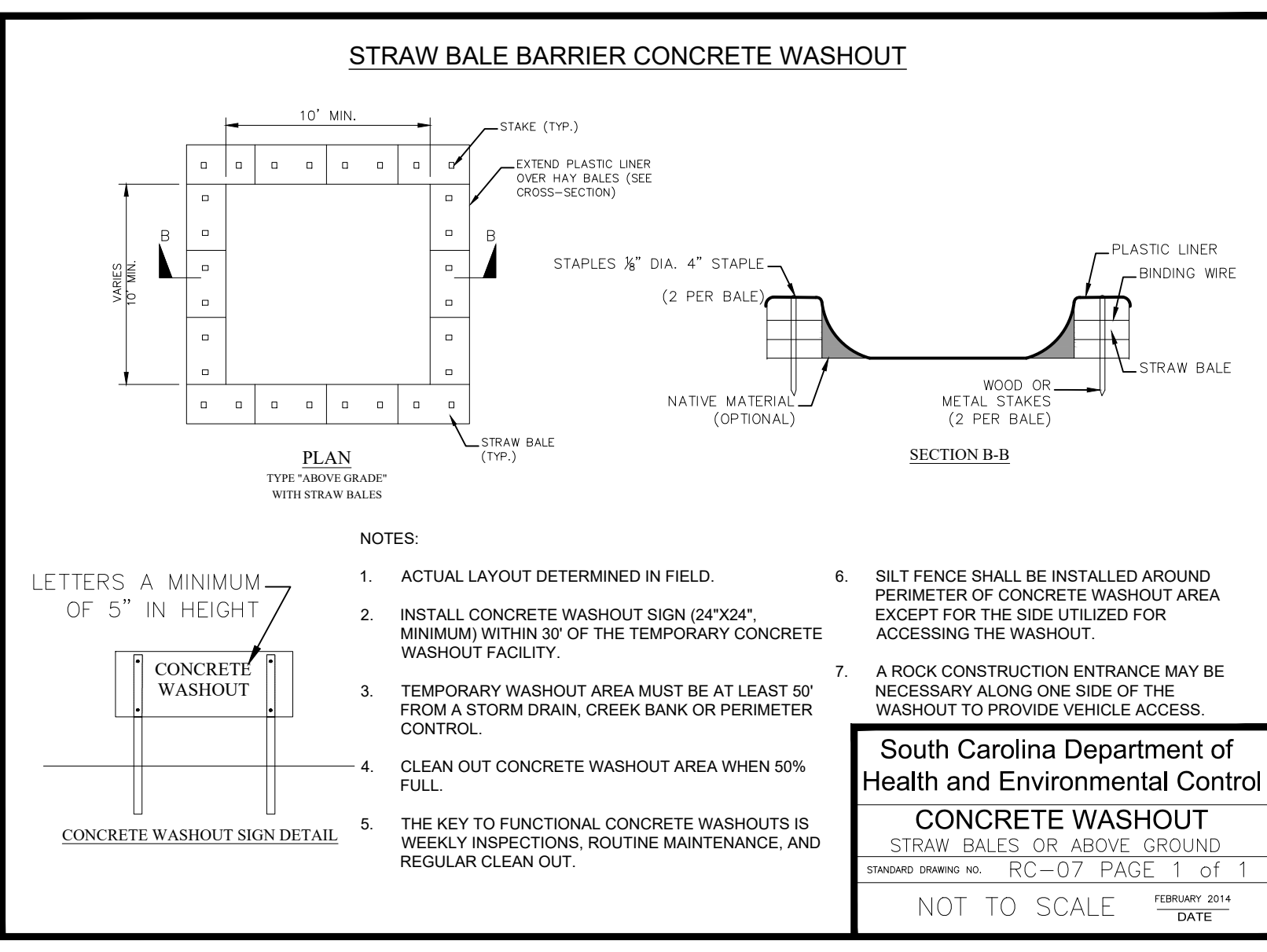
WIRE MESH & STONE INLET PROTECTION
GENERAL NOTES

- Use hardware fabric or comparable wire mesh with maximum openings of 0.5-inches x 0.5-inches as the supporting material.
- Use steel posts that meet the following physical requirements: Be composed of high strength steel with a minimum yield of 50,000 psi. Have a standard "T" section with a nominal face width of 1.38 inches and a nominal "T" width of 1.48-inches. Weigh 1.25 pounds per foot (±8%).
- Use heavy-duty wire ties to attach the wire mesh material to the steel posts.
- Space the steel posts a maximum of 3-feet apart around the perimeter of the inlet and drive them into the ground a minimum of 18-inches.
- Excavate a trench 6-inches deep around the outside perimeter of the inlet to install wire mesh. Backfill the trench with soil or crushed stone and compact over the wire mesh.
- Place Aggregate No. 5 washed stone (or 1-inch D50 stone) to a minimum height of 12-inches, and a maximum of 24-inches against the wire mesh on all sides.

INSPECTION & MAINTENANCE

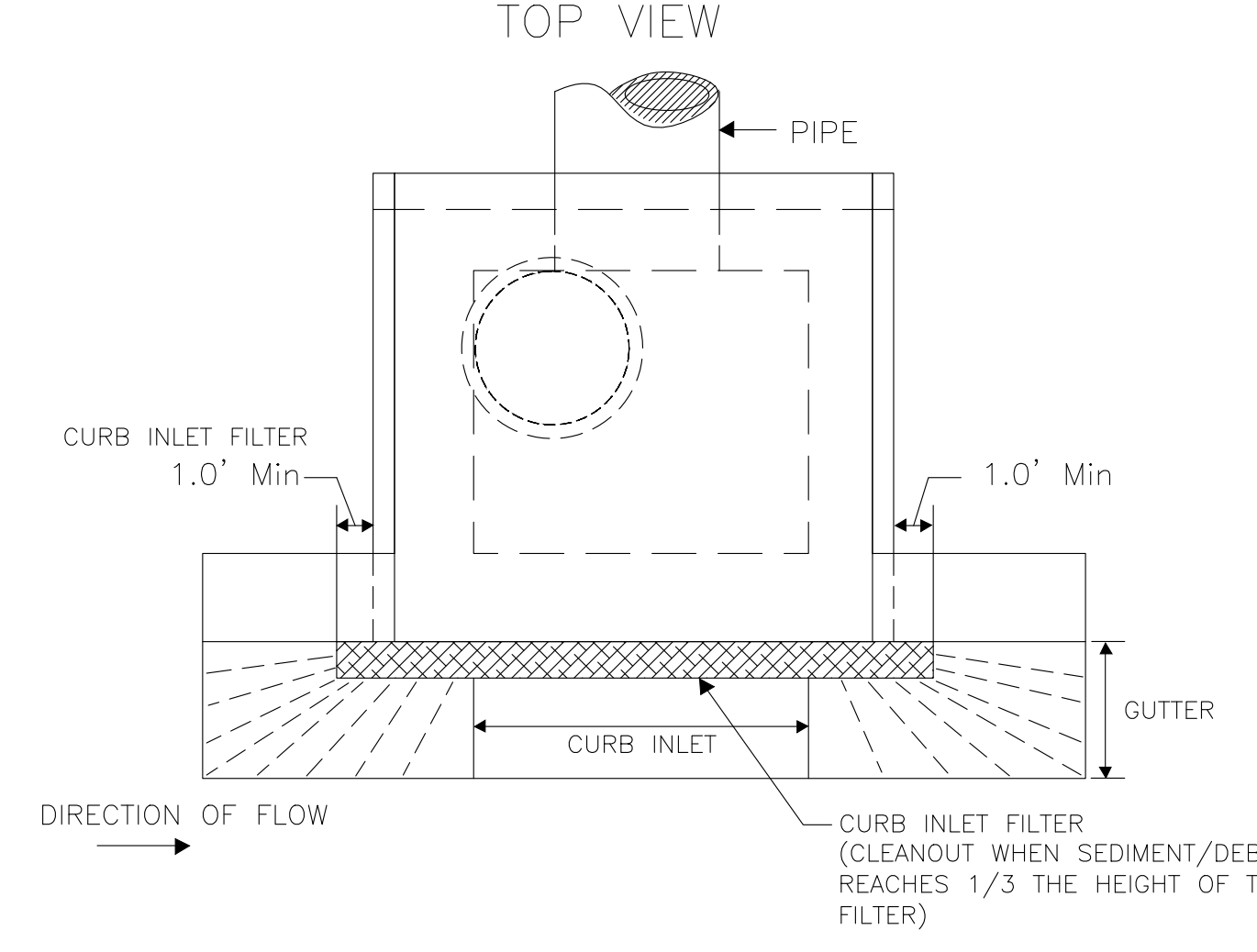
- The key to functional inlet protection is weekly inspections, routine maintenance, and regular sediment removal.
- Regular inspections of wire mesh and stone inlet protection shall be conducted once every calendar week and, as recommended, within 24-hours after each rainfall event that produces 1/2-inch or more of precipitation.
- Attention to sediment accumulations in front of the inlet protection is extremely important. Accumulated sediment should be continually monitored and removed when necessary.
- Remove accumulated sediment when the sediment reaches 1/3 height of the stone fill or when stone becomes clogged. When a sump is installed in front of inlet protection, sediment should be removed when it fills approximately 1/3 the depth of the sump.
- Removed sediment shall be placed in stockpile storage areas or spread thinly across disturbed area. Stabilize the removed sediment after it is relocated.
- Large debris, trash, and leaves should be removed from in front of the inlet protection when found.
- After accumulated sediment is removed, pull stones from around wire mesh to wash or to replace with fresh stones as necessary.
- Inlet protection structures should be removed after the disturbed areas are permanently stabilized. Remove all construction material and sediment, and dispose of them properly. Grade the disturbed area to the elevation of the drop inlet crest. Stabilize all bare areas immediately.

DETAIL 908 - WIRE MESH INLET PROTECTION
NOT TO SCALE



South Carolina Department of Health and Environmental Control
CONCRETE WASHOUT
STRAW BALES OR ABOVE GROUND
STANDARD DRAWING NO. RC-07 PAGE 1 of 1
FEBRUARY 2014 DATE

- LETTERS A MINIMUM OF 5" IN HEIGHT
- NOTES
- ACTUAL LAYOUT DETERMINED IN FIELD.
 - INSTALL CONCRETE WASHOUT SIGN (24"x24" MINIMUM) WITHIN 2' OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
 - TEMPORARY WASHOUT AREA MUST BE AT LEAST 50' FROM A STORM DRAIN, CREEK BANK OR PERIMETER CONTROL.
 - CLEAN OUT CONCRETE WASHOUT AREA WHEN 50% FULL.
 - THE KEY TO FUNCTIONAL CONCRETE WASHOUTS IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR CLEAN OUT.
 - SILT FENCE SHALL BE INSTALLED AROUND PERIMETER OF CONCRETE WASHOUT AREA EXCEPT FOR THE SIDE UTILIZED FOR ACCESSING THE WASHOUT.
 - A ROCK CONSTRUCTION ENTRANCE MAY BE NECESSARY ALONG ONE SIDE OF THE WASHOUT TO PROVIDE VEHICLE ACCESS.



TYPE E - SURFACE COURSE CURB INLET PROTECTION

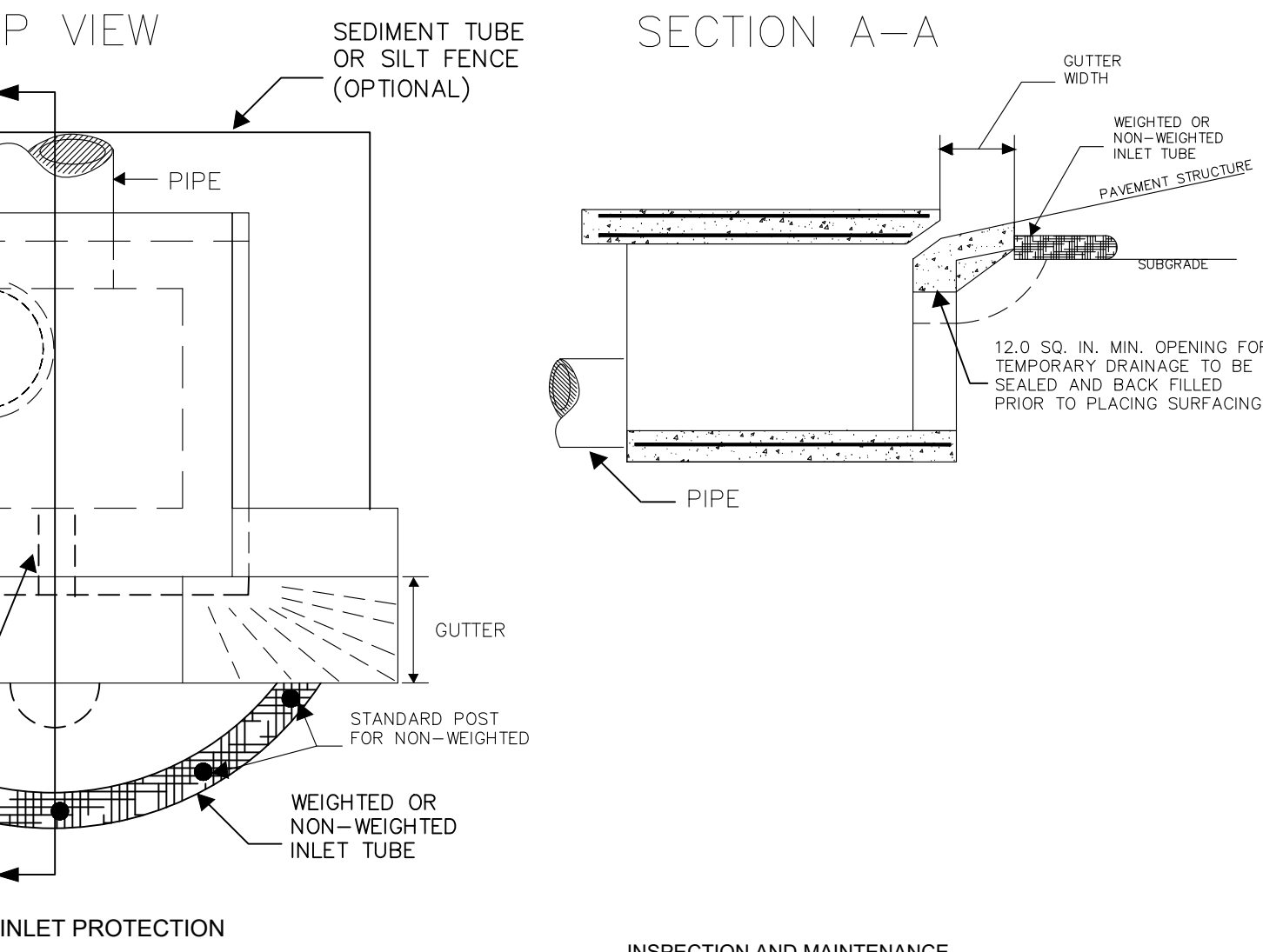
GENERAL NOTES

- Only use surface curb inlet filters that have a minimum height or diameter of 9-inches and have a minimum length that is 2-feet longer than the length of the curb opening.
- Surface course inlet filters that are designed to completely block the inlet opening are prohibited. Acceptable inlet filters should allow for overflows to enter the catch basin.
- Surface course inlet filters should be constructed with a synthetic material that will allow stormwater to freely flow through while trapping sediment and debris.
- Straw, straw fiber, straw bales, pine needles and leaf mulch are not permissible filter materials.
- Each filter should have aggregate compartments for stone, sand, and other weighted materials or mechanisms to hold the unit in place. Fill aggregate compartments to a level (at least 1/2 full) to hold the filter in place and create a seal between the filter and the road surface.
- Use only Type E inlet filters appearing on SC DOT's Qualified Products Listing (QPL), Approval Sheet #56, or filters meeting the most current edition of the SC DOT Standard Specifications for Highway Construction.

INSPECTION AND MAINTENANCE

- The key to functional inlet protection is weekly inspections, routine maintenance, and regular sediment removal.
- Regular inspections of all inlet protection shall be conducted once every calendar week and, as recommended, within 24-hours after each rainfall event that produces 1/2-inch or more of precipitation.
- Attention to sediment accumulations in front of the inlet protection is extremely important. Accumulated sediment should be continually monitored and removed when necessary.
- Remove accumulated sediment when silt and/or debris has reached 1/3 the height of the filter.
- Removed sediment shall be placed in stockpile storage areas or spread thinly across disturbed area. Stabilize the removed sediment after it is relocated.
- Inlet protection structures should be removed after the disturbed areas are permanently stabilized. Remove all construction material and sediment, and dispose of them properly. Grade the disturbed area to the elevation of the drop inlet structure crest. Stabilize all bare areas immediately.

DETAIL 909 - SEDIMENT TUBE INLET PROTECTION
(CURB INLET)
NOT TO SCALE



TYPE F - INLET TUBES INLET PROTECTION

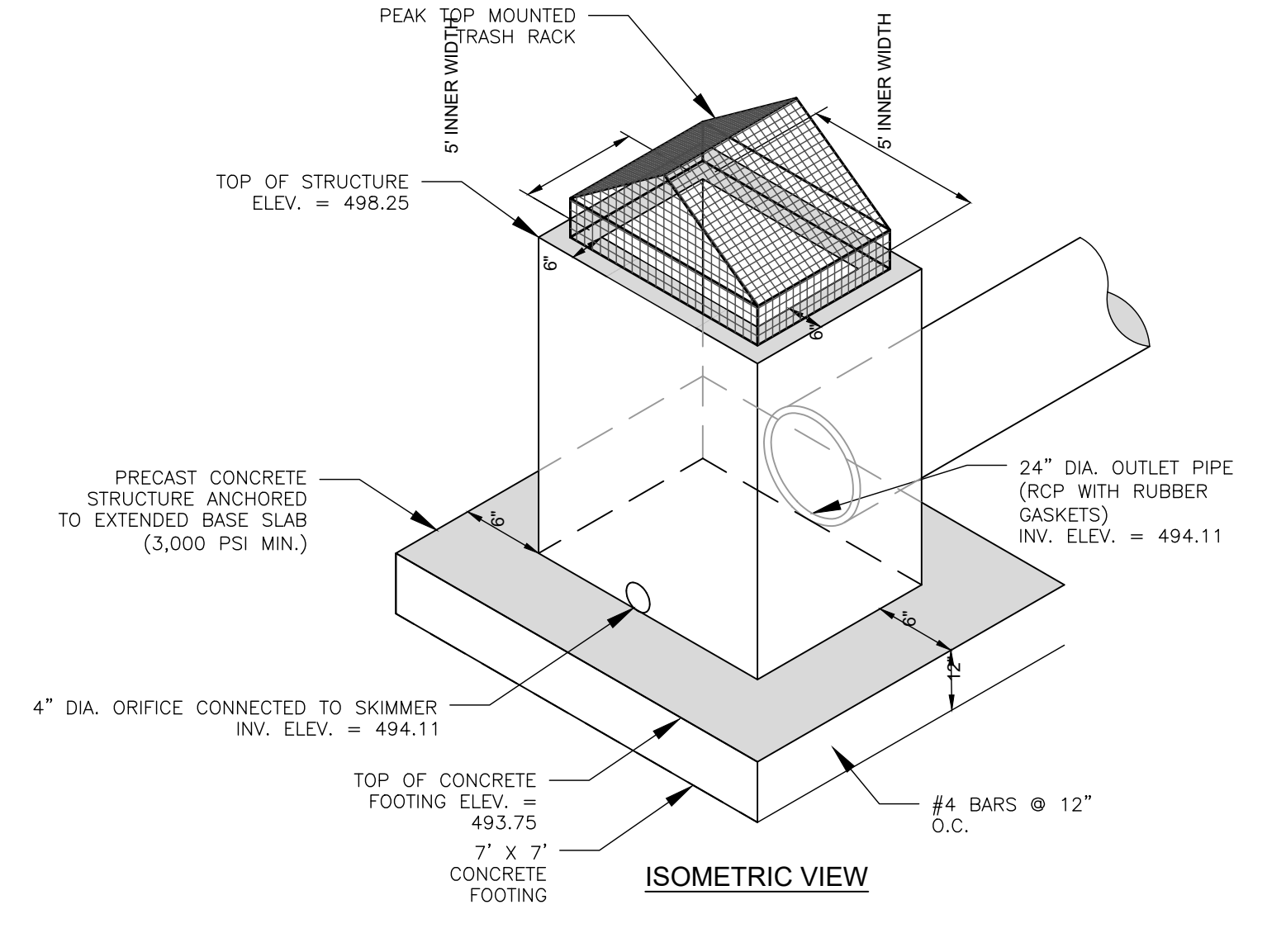
GENERAL NOTES

- Inlet tubes should be composed of compacted geotextiles, curled excelsior wood, natural coconut fibers, a hardwood mulch, or a mix of these materials enclosed by a flexible netting material.
- Inlet tubes should utilize an outer netting that consists of seamless, high-density polyethylene photodegradable materials treated with ultraviolet stabilizers or a seamless, high-density polyethylene non-degradable material. Curled wood excelsior fiber, or natural coconut fiber rolled erosion control products rolled up to create an inlet tube device are not allowed.
- Do not use straw, straw fiber, straw bales, pine needles, or leaf mulch as fill material within inlet tubes.
- Weighted inlet tubes must be capable of staying in place without external stabilization measures and may have a weighted inner core or other weighted mechanism to keep them in place.
- Install weighted tubes lying flat on the ground, with no gaps between the underlying surface and the inlet tube. Do not stack inlet tubes. Do not completely block inlet with tube.
- Non-weighted inlet tubes require staking or other stabilization methods to keep them safely in place.
- Overflow or overlapping of inlet tubes must be allowed to flow into inlet unobstructed.
- To avoid possible flooding, two or three concrete cinder blocks may be placed between the tube and the inlet.

INSPECTION AND MAINTENANCE

- The key to functional inlet protection is weekly inspection, routine maintenance, and regular sediment removal.
- Regular inspections of all inlet protection shall be conducted once every calendar week and, as recommended, within 24-hours after each rainfall event that produces 1/2-inch or more of precipitation.
- Attention to sediment accumulations in front of the inlet protection is extremely important. Accumulated sediment should be continually monitored and removed when necessary.
- Remove accumulated sediment when it reaches 1/3 the height of the blocks. If a sump is used, sediment should be removed when it fills approximately 1/3 the depth of the hole.
- Removed sediment shall be placed in stockpile storage areas or spread thinly across disturbed area. Stabilize the removed sediment after it is relocated.
- Large debris, trash, and leaves should be removed from in front of tubes when found.
- Replace inlet tube when damaged or as recommended by manufacturer's specifications.
- Inlet protection structures should be removed after the disturbed areas are permanently stabilized. Remove all construction material and sediment, and dispose of them properly. Grade the disturbed area to the elevation of the drop inlet structure crest. Stabilize all bare areas immediately.

OUTLET STRUCTURE - DURING CONSTRUCTION
NOT TO SCALE



NEWBERRY COUNTY
PUBLIC SAFETY
COMPLEX

Project Number	23232
Drawn By	MJ/CJL
Checked By	MJ/JHE
Date	09 OCT 24

Revisions		
A	09 OCT 2024	30% SET
B	16 JAN 2026	60% SET
C	18 FEB 2026	90% SET
D	12 MAR 2026	PERMIT SET
E	06 MAY 2026	ADDENDUM 2

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Permanent Seeding - Upstate

Species	Lbs./Ac	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Bahia Grass (Alone)	40												
Bahia Grass (Mix)	30												
Bermuda Grass (hulled) (Alone)	8-12												
Bermuda Grass (hulled) (Mix)	4-6												
Fescue, Tall (KY31) Alone	40												
Fescue, Tall (KY31) mix	20												
Secirea Lespedeza (Scarified) Alone or Mix (inoculate with EL Inoculant)	40												
Ladino Clover (inoculate with AB Inoculant)	2												
For Steep Slopes/Cut Slopes													
Weeping Lovegrass (Alone)	4												
Weeping Lovegrass (Mix)	2												
Crownvetch (Mix) (Inoculate with Type M Inoculant)	8-10												

Temporary Seeding - Upstate

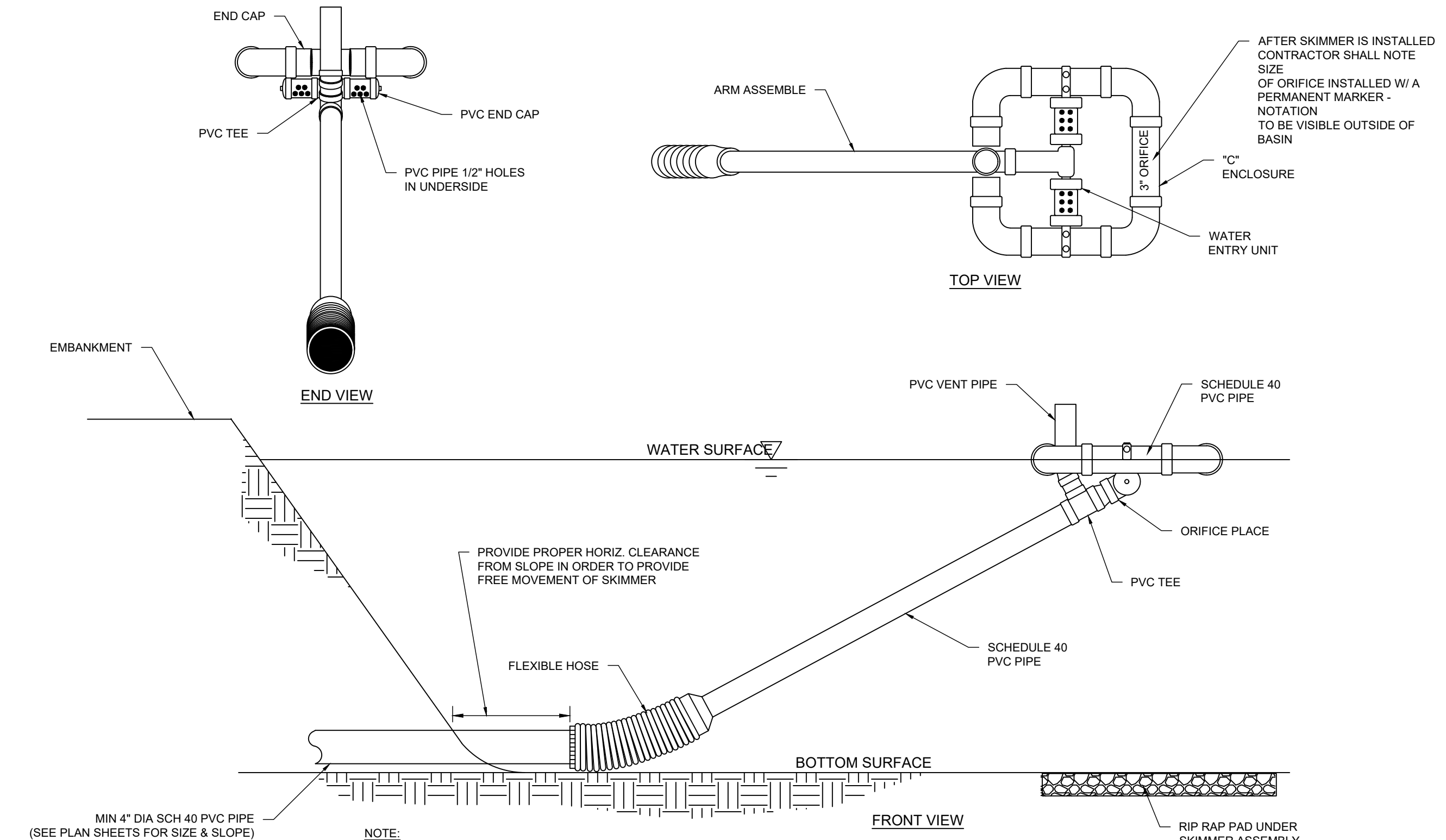
Species	lbs./ac	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Browntop Millet (Alone)	40												
Browntop Millet (Mix)	10												
Rye Grain (Alone)	56												
Rye Grain (Mix)	10												
Rye Grass (Alone)	50												
Rye Grass (Mix)	8												
For Steep Slopes/Cut Slopes													
Weeping Lovegrass (Alone)	4												
Weeping Lovegrass (Mix)	2												

14 DAY STABILIZATION CLAUSE

ALL DISTURBED AREAS WHICH ARE TO BE LEFT IDLE FOR A PERIOD OF 14 DAYS OR LONGER ARE TO RECEIVE TEMPORARY VEGETATION OR MULCH.

EROSION CONTROL MAINTENANCE SCHEDULE

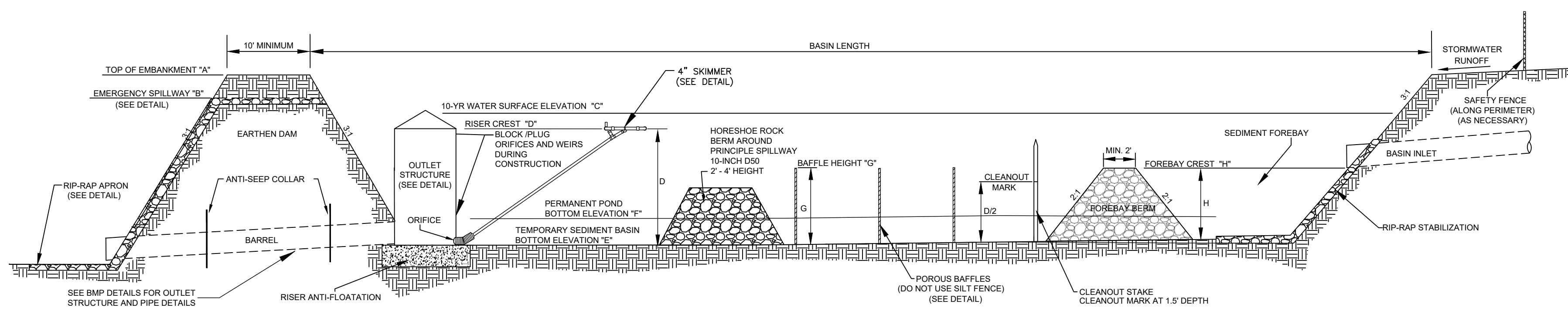
ALL SEDIMENT AND EROSION CONTROLS ARE TO BE INSPECTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS. CONTRACTOR TO DOCUMENT WITH SCDHEC APPROVED INSPECTION REPORTS AND LOGGED IN THE PROJECT SWPPP.



- NOTE:**
- REFERENCE SCDHEC BMP HANDBOOK SEDIMENT CONTROL BMPs - SEDIMENT BASINS.
 - SKIMMER SHALL BE AS MANUFACTURED BY JW FAIRCLOTH OR APPROVED EQUAL BY THE ENGINEER.

SKIMMER NOT TO SCALE

Sediment Basin Number/Name	"A"	"B"	"C"	"D"	"E"	"F"	"G" FT.	"H" FT.	Skimmer Size (in.)	Skimmer Orifice Dia. (in.)	Skimmer Daily Discharge Capacity (FT ³ /DAY)	Skimmer Average Discharge Rate (GFS)	Dewatering Time (Days)	No. of Skimmers
SEDIMENT BASIN	500.00	499.00	498.27	498.25	494.11	494.11	3.0	2.5	4"	4"	20,109	0.23	2	1



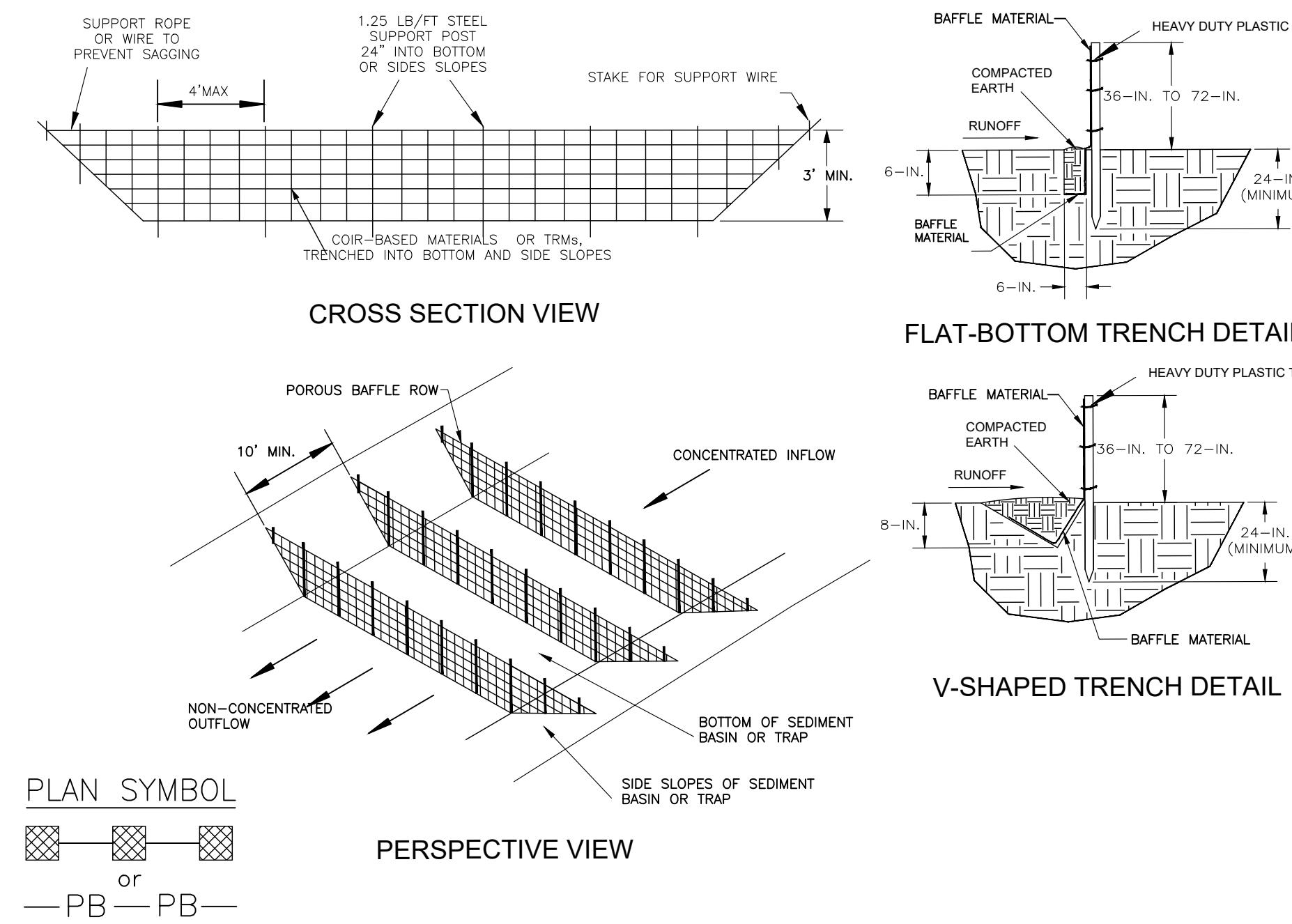
DRY SEDIMENT BASIN - GENERAL NOTES

- Sediment basins should not be placed in Waters of the State or USGS blue-line streams (unless approved by Federal Authorities).
- Sediment basin's side slopes shall be seeded and, when necessary, stabilized with vegetative or synthetic matting to prevent the formation of rills and gullies.
- Install three (3) rows of porous baffles with a minimum spacing of 10 feet. Baffles should ultimately be placed to maximize the space between each row of baffles and the basin's inlets/outlets. Only two (2) rows of baffles are necessary for basins that are less than 50 feet in length.
- Porous Baffles should be composed of coil-based materials or TRMs with a light penetration (open spaces) between 10-35%. These materials should not have loose straw. Silt Fence may not be used as Porous Baffles.
- Each porous baffles shall be installed across the entire width of the basin and along the basin's side slope until the height of the baffle intersects the slope.
- Install skimmer and coupling (as necessary) to riser structure at orifice along bottom of the principle spillway's riser structure. (Refer to skimmer manufacturer for installation procedures and skimmer specifications.)
- Skimmer should be equipped with a mechanism, such as a rope, to allow easy access to skimmer to unclog orifice or perform other necessary maintenance.
- Stormwater runoff entering the basin must be directed into proper BMPs to prevent erosion along side slopes and to prevent scour at the basin's inlets.
- The forebay berm should consist of riprap, gabion, or an earthen berm with a rock filled outlet that is constructed across the bottom of the basin's width.
- An additional cleanout stake for the forebay area is recommended and should be marked for cleanout at 50% of provided sediment storage.
- The elevation of the emergency spillway should be at least 1 foot below the top of the embankment. The emergency spillway should not be located on fill material, when possible. Riprap and geotextile liner should be placed on all spillways that must be located on fill material.

SEDIMENT BASIN

DRY SEDIMENT BASIN - INSPECTION AND MAINTENANCE

- The key to a functional sediment basin is weekly inspections, routine maintenance, and regular sediment removal.
- Attention to sediment accumulations within the basin is extremely important. Accumulated sediment deposition should be continually checked and removed when necessary.
- Remove accumulated sediment when it reaches 50% of the design sediment storage volume or 1/2 the height of the riser structure, whichever is reached first.
- Removed sediment from the basin shall be placed in stockpile storage areas or spread thinly across the disturbed area. Stabilize the removed sediment after it is relocated.
- Inspections of sediment basins should be conducted once every calendar week and, as recommended, within 24-hours of each rainfall event that produces 1/2-inch or more of precipitation.
- All temporary sediment basins, which are not to be converted to a detention basin post-construction, should be removed within 30 days after final site stabilization is achieved.
- Disturbed areas resulting from the removal of the sediment basin should be permanently stabilized and additional BMPs, such as silt fence, should be utilized to accept stormwater runoff from this disturbed area until final stabilization is reached.



POROUS BAFFLES NOT TO SCALE

- BAFFLES - POST REQUIREMENTS**
- Porous baffle posts must be 60-inch to 96-inch long steel pipe that meet, at a minimum, the following physical characteristics:
 - Composed of a high strength steel with a minimum yield strength of 50,000 psi.
 - Include a standard "T" section with a nominal face width of 1.38-inches and a nominal "T" length of 1.8-inches.
 - Weight 1.25 pounds per foot (± 8%).
 - Posts shall be equipped with projections to aid in fastening of baffle material.
 - Install posts to a minimum of 24-inches. A minimum height of 1 to 2 inches above the fabric shall be maintained, and a maximum height of 3 feet shall be maintained above the ground.
 - Post spacing shall be at a maximum of 4-feet on center.

- BAFFLES - MATERIAL REQUIREMENTS**
- Baffle material must be composed of coil-based materials or Turf Reinforcement Matting (TRM) that consists of the following requirements:
 - Have a light penetration (% openings) between 10-35%.
 - Free of loose straw material.
 - Have a minimum tensile strength of 145 lbf and.
 - Have a minimum width of 48-inches.
 - 12-inches of the fabric should be placed within excavated trench and tied in when the trench is backfilled or baffle material may be stapled into ground by using 12-inch staples with a maximum spacing of 6-inches.
 - Baffle material shall be purchased in continuous rolls and cut to the width of the sediment basin or trap to avoid joints.

- BAFFLES - GENERAL NOTES**
- Attach baffles to the steel posts using heavy-duty plastic ties that are evenly spaced along the above ground portion of each post.
 - Install the baffles row perpendicular to the direction of the stormwater flow and place each baffle the proper distance from inlet and outlet to allow access for maintenance and clean-out.

- BAFFLES - INSPECTION & MAINTENANCE**
- The key to functional porous baffles is weekly inspection, routine maintenance, and regular sediment removal.
 - Regular inspections of porous baffles shall be conducted once every calendar week and, as recommended, within 24-hours after each rainfall event that produces 1/2-inch or more of precipitation.
 - Attention to sediment accumulations along each row of baffles is extremely important. Accumulated sediment should be continually monitored and removed when necessary.
 - Remove accumulated sediment when it reaches 1/3 the height of the baffle row or when it reaches the clean-out height of the sediment basin or trap, whichever is reached first.
 - Removed sediment shall be placed in stockpile storage areas or spread thinly across disturbed area. Stabilize the removed sediment after it is relocated.
 - Check for areas where stormwater runoff has eroded a channel beneath each row of baffles, or where the baffle has sagged or collapsed due to runoff overtopping the baffle.
 - Check for tears/rips within the baffles, areas where the baffles have begun to decompose, and for any other circumstance that may render the baffles ineffective. Remove damaged baffles and install new baffles immediately.
 - Porous baffles should be removed within 30 days after final stabilization is achieved and once it is removed, the resulting disturbed areas shall be permanently stabilized.

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Seal



Project



NEWBERRY COUNTY PUBLIC SAFETY COMPLEX

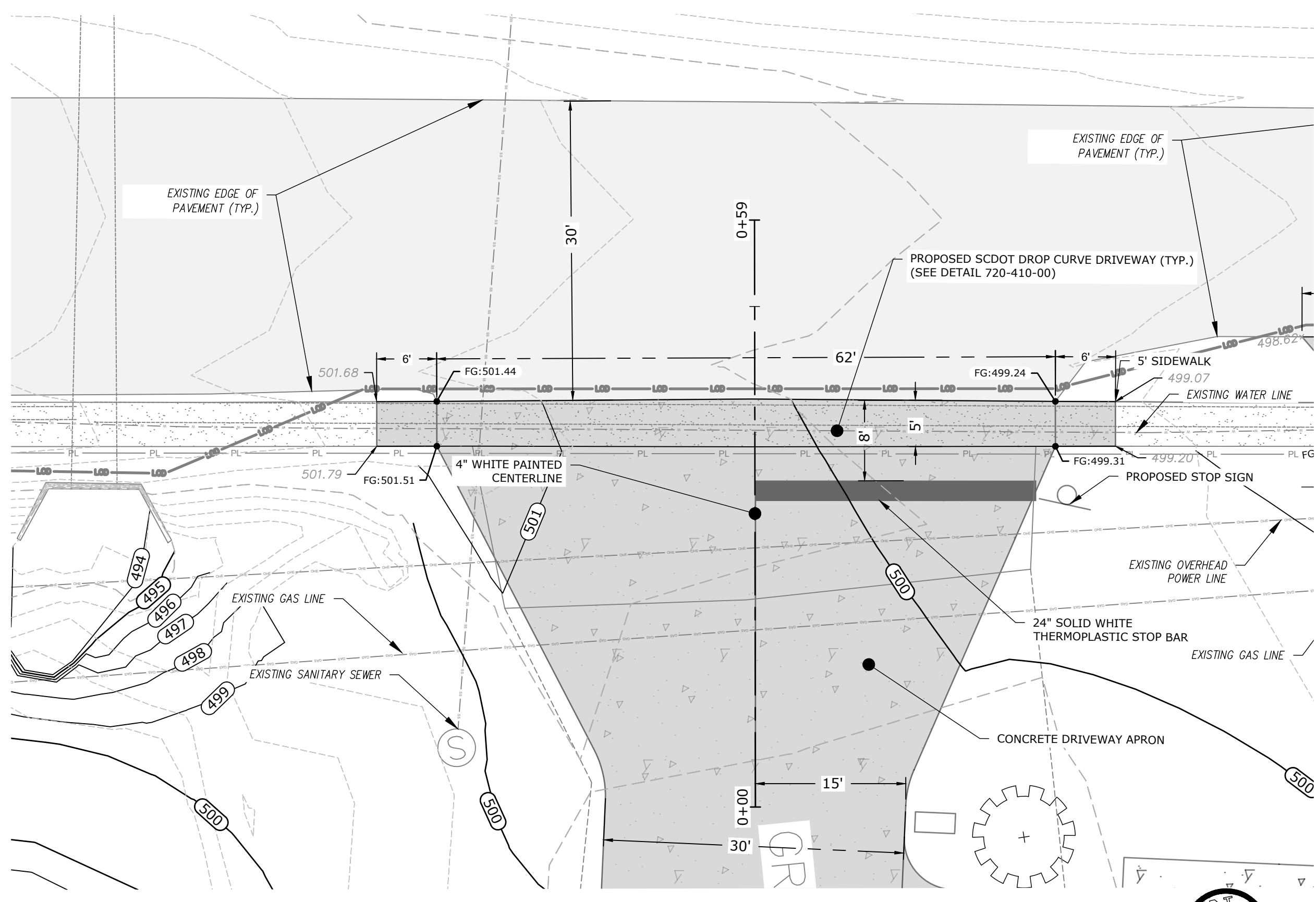
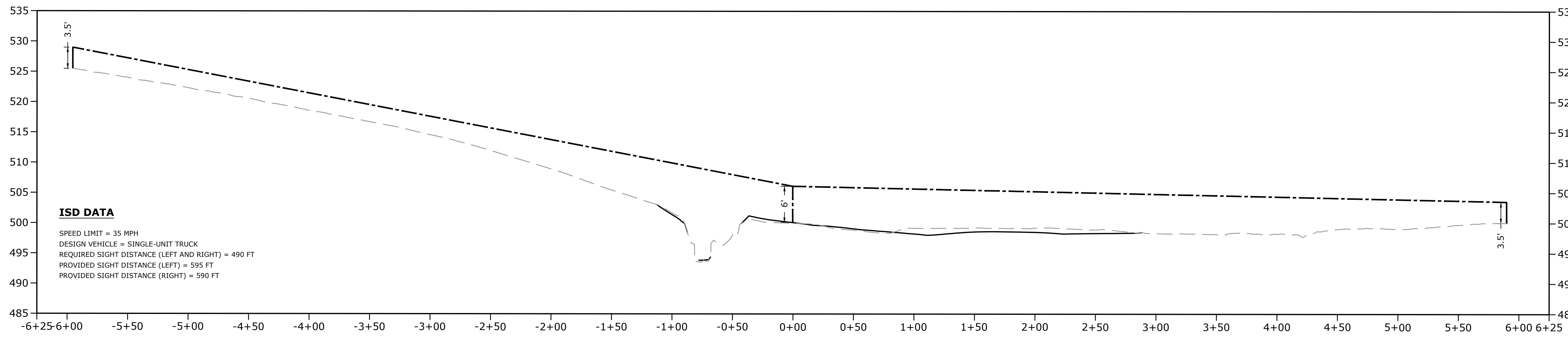
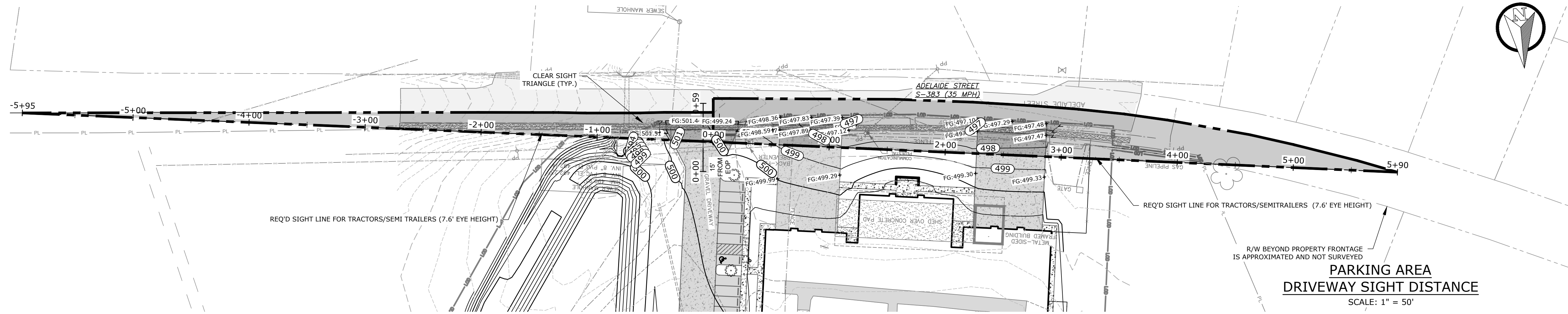
Project Number 23232
Drawn By MJ/CJL
Checked By MJ/JHE
Date 09 OCT 24

Revisions	Date	Description
A	09 OCT 2024	30% SET
B	16 JAN 2026	60% SET
C	18 FEB 2026	90% SET
D	12 MAR 2026	PERMIT SET
E	06 MAY 2026	ADDENDUM 2

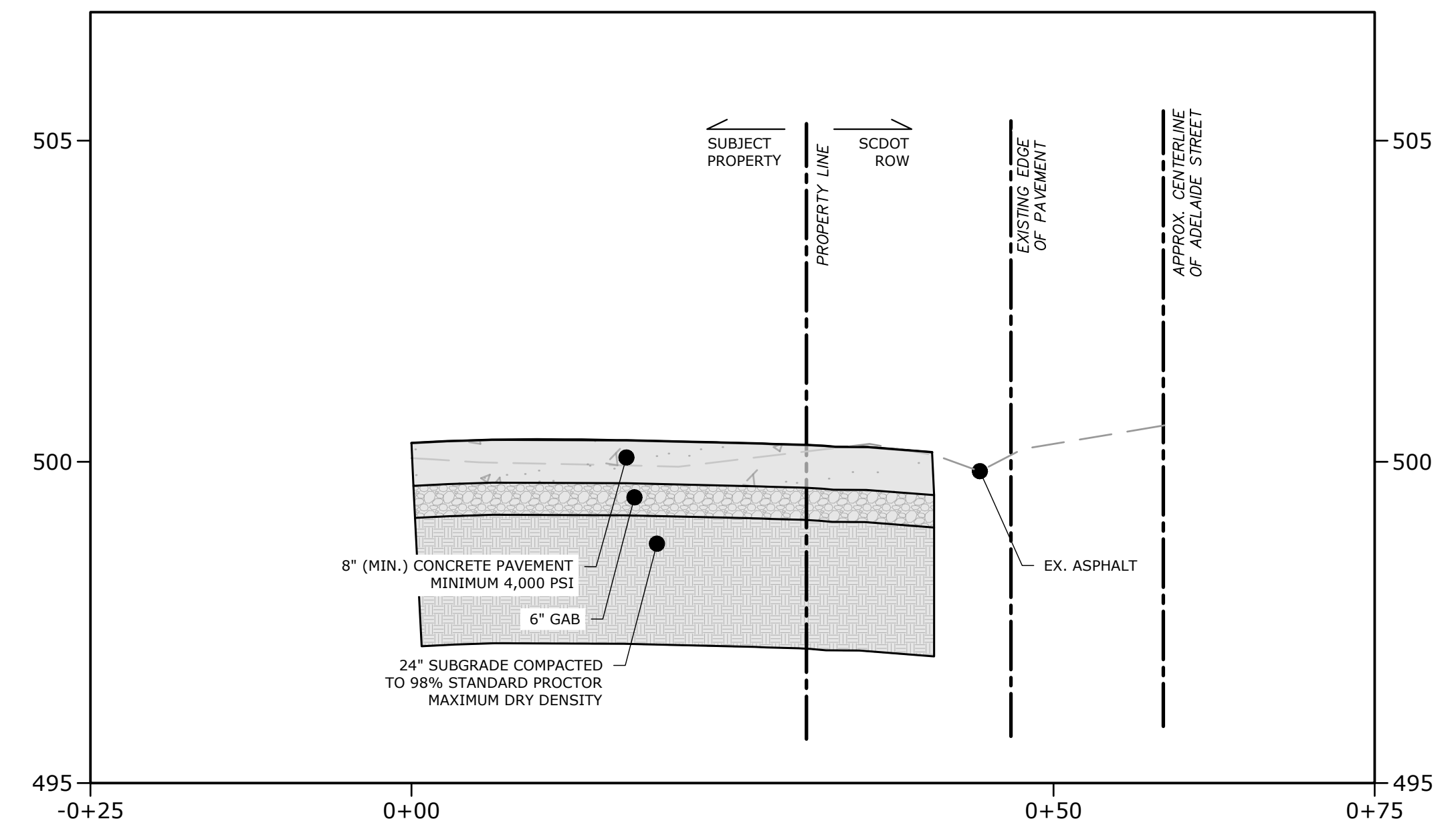
Drawing

EROSION & SEDIMENT CONTROL DETAILS

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DRIVEWAY DETAIL
SCALE: 1" = 10'



PARKING ENTRANCE DRIVEWAY PROFILE
HOR: 1" = 10'
VER: 1" = 2'

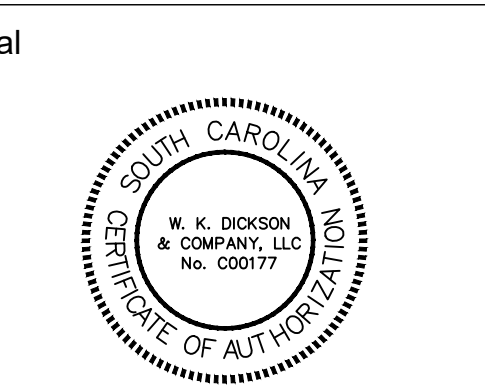
- ALL CONSTRUCTION TO BE COMPLETED IN ACCORDANCE WITH SCDOT STANDARD DRAWINGS AND SPECIFICATIONS, REFER TO THE FOLLOWING STANDARDS FOR THIS PROJECT:
- 610-005-00 - FLAGGING OPERATIONS TWO-LANE TWO-WAY PRIMARY & SECONDARY ROUTES
 - 610-005-10 - FLAGGING OPERATIONS TWO-LANE TWO-WAY ROADWAYS WITHOUT INTERSECTIONS
 - 610-005-20 - FLAGGING OPERATIONS WORK ZONES CONTINUING THROUGH STOP SIGN CONTROLLED SIDE ROADS
 - 610-205-00 - RIGHT SHOULDER CLOSURE (CASE I / CASE II) PRIMARY ROUTES
 - 625-305-00 - STANDARD MARKINGS FOR INTERSECTIONS
 - 630-205-00 - PAVEMENT MARKING TYPICAL
 - 651-115-01 - STANDARD SIGNS
 - 720-410-00 - DRIVEWAY WITH SEPARATED SIDEWALK WITHIN 7' - 4 3/4" OF CURB
 - 804-310-00 - OUTLET PROTECTION WITH DEFINED CHANNEL
 - 815-205-00 - EROSION CONTROL - SEDIMENT TUBE DITCH APPLICATION
 - 815-406-00 - SEDIMENT DAM FOR PIPE INLET
 - 815-505-00 - EROSION CONTROL - STABILIZED CONSTRUCTION ENTRANCE
 - 815-605-00 - EROSION CONTROL - TEMPORARY SILT FENCE
 - 815-605-05 - TEMPORARY SILT FENCE BREAKS
 - 815-605-10 - EROSION CONTROL - TEMPORARY DIVERSION DIKE

GENERAL NOTES

1. THE SPEED LIMIT ALONG ADELAIDE STREET IS POSTED 35 MPH.
2. MOWING AND VEGETATION REMOVAL SHALL BE COMPLETED AND MAINTAINED FOR ALL SIGHT DISTANCE TRIANGLES.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR UTILIZING ALL APPLICABLE AND CURRENT SCDOT STANDARD DRAWINGS INCLUDING, BUT NOT LIMITED TO, THE DRAWINGS INCLUDED WITHIN THESE PLANS AND THE APPROVED PERMIT PACKAGE.
4. CONTRACTOR SHALL CLEAR EXISTING CULVERTS/PIPES, CATCH BASINS, AND DITCHES ALONG FRONTAGE AND DOWNSTREAM AS NECESSARY TO ACHIEVE POSITIVE DRAINAGE.
5. EXISTING ASPHALT REMOVAL FOR DRIVEWAY TIE-INS SHALL BE SAWCUT TO CREATE SMOOTH TRANSITIONS AND TIE-INS. DO NOT USE MINI-EXCAVATOR OR SKID-STEERS TO REMOVE ASPHALT. IF THE EXISTING PAVEMENT TYPE IS DAMAGED, THE DAMAGED SECTION WILL BE REPLACED IF SIDEWALK. IF ASPHALT, THE CONTRACTOR WILL MILL 2" DEPTH FOR A WIDTH OF 6.5' FOR THE LENGTH OF THE DAMAGE FOR A PATCH.
6. THE CONSTRUCTION ENTRANCE MUST BE ESTABLISHED AT THE LOCATION DESIGNATED AND ACCORDING TO SCDOT TYPICAL 815-505-00. NO ADDITIONAL ENTRANCES OR LOCATIONS ARE ALLOWED WITHOUT WRITTEN NOTICE FROM SCDOT. APPROVED CONSTRUCTION ENTRANCE SHALL BE INSTALLED PROPERLY AND SHALL BE MAINTAINED AT ALL TIMES. KEEP ROADWAY PROTECTED AND SWEEP OFF AT ALL TIMES.
7. PAVEMENT MARKINGS: ALL MARKINGS WITHIN SCDOT R/W SHALL BE APPROVED PERMANENT PAVEMENT MARKINGS PER SECTIONS 625, 626 OR 627 WITHIN THE SCDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION
8. ALL PERMANENT SIGNAGE SHALL BE INSTALLED ON BREAKAWAY POSTS PER SCDOT STANDARD DRAWING 651-110-00 AND SHALL HAVE A 7 VERTICAL FOOT CLEARANCE FROM THE GROUND TO THE BOTTOM OF THE SIGN.
9. DRIVEWAY SIDE SLOPES SHALL BE NO STEEPER THAN 4H:1V.
10. ALL DRIVEWAY CULVERTS SHALL BE INSTALLED AND SEALED ACCORDING TO SCDOT TYPICAL 714-205-01 DETAIL 4 AND 5 WITH AN AASHTO M 315 RUBBER GASKET SEAL, ON PROPER GRADE TO ALLOW FOR POSITIVE STORM WATER FLOW WITHIN THE PIPE AND TO/FROM ADJACENT PIPES/CROSS LINES.
11. CONTRACTOR SHALL CUT AND/OR MILL RUMBLE STRIPS AS NECESSARY TO ENSURE SMOOTH EDGE IN ACCORDANCE WITH SCDOT STANDARD DRAWING 633-105-00
12. LANE CLOSURES ARE REQUIRED FOR ALL WORK WITHIN ONE FOOT OF THE TRAVEL WAY. SEE SCDOT LOCAL MAINTENANCE WORK RESTRICTIONS FOR ADDITIONAL INFORMATION. SHOULDER CLOSURES ARE REQUIRED FOR ALL WORK IN THE SCDOT R/W BEYOND ONE FOOT FROM THE TRAVEL WAY.
13. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SCHEDULE ALL REQUIRED INSPECTIONS IN ADVANCE. IF WORK REQUIRING INSPECTION IS PERFORMED WITHOUT PRIOR NOTICE BEING GIVEN TO SCDOT, THAT INSTALLATION SHALL BE SUBJECT TO REMOVAL AT THE CONTRACTOR'S EXPENSE. FAILURE TO OBTAIN CONTACT IS NOT AN APPROVAL TO PROCEED WITH ANY WORK.
14. NO VEGETATION INSTALLED ON PRIVATE PROPERTY SHALL BLOCK THE SCDOT SIGHT TRIANGLES OR SIGHT DISTANCES FOR MOTORISTS INGRESS OR EGRESS FROM APPROVED DRIVEWAYS AND OR ROADWAY INTERSECTIONS. THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR KEEPING OFFSITE
15. FOLLOWING RESURFACING OPERATIONS, ANY IRREGULAR AREAS THAT HAVE HIGH OR LOW SPOTS EXCEEDING 1/8" FOR SURFACE COURSE OR 1/4" FOR INTERMEDIATE COURSES WITH 10' STRAIGHT EDGE SHALL BE CORRECTED. REFER TO SCDOT SPECIFICATION 401.4.13 (NOTE 5) AND 401.4.27.2 FOR ADDITIONAL INFORMATION.
16. ALL WORK COMPLETED UNDER ENCROACHMENT PERMIT SHALL ADHERE TO AND FALL UNDER SECTION 11-35-4230 OF SC LAW DENOTING LATENT DEFECTS SHALL BE IN EFFECT FOR WARRANTY FOR A PERIOD OF 3 YEARS BEYOND ACCEPTANCE OF THE PROJECT (AND BOND RELEASED).
17. NOTIFY SCDOT WHEN THE WORK HAS BEEN COMPLETED AND THE PERMIT IS READY FOR A FINAL INSPECTION. THE PERMIT WILL NOT BE CLOSED OUT AND THE BOND RELEASED UNTIL A FINAL INSPECTION IS COMPLETE (ACCEPTED BY SCDOT). VERIFY ALL WORK RELATED TO THE SCDOT PERMIT HAS BEEN COMPLETED BEFORE REQUESTING A FINAL.
18. ANY WORK BUILT WITHIN THE SCDOT R/W THAT IS NOT BUILT PER THE SCDOT APPROVED PERMIT AND PLANS IS SUBJECT TO REMOVAL AND REPLACEMENT PER APPROVED PERMIT AND PLANS AFTER INSPECTION.
19. TESTING REPORTS PER SCDOT CONSTRUCTION MANUAL APPENDIX C - SAMPLING & TESTING PROCEDURES SHALL BE SUBMITTED TO ENGINEER FOR UPLOAD TO SCDOT'S ENCROACHMENT PERMIT PROCESSING SYSTEM (EPPS).

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WKD PROJECT NO. - 20231098.00.GV



DP3
ARCHITECTS

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NEWBERRY COUNTY
PUBLIC SAFETY
COMPLEX

Project Number 23232
Drawn By MJ
Checked By JHE
Date FEB 2026

Revisions

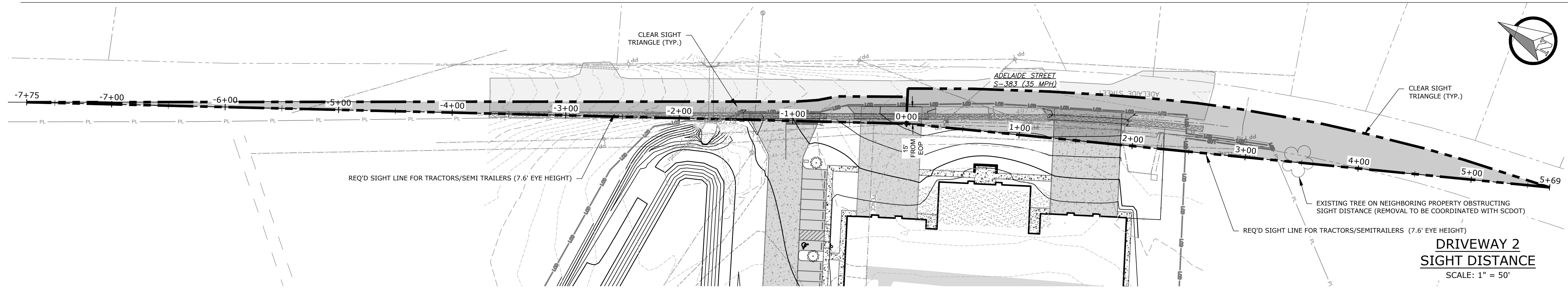
B	16 JAN 2026	60% SET
C	04 FEB 2026	PERMIT SET
D	20 FEB 2026	90% SET
E	06 MAY 2026	ADDENDUM 2

Drawing
SCDOT
ENCROACHMENT
PLAN - DRIVEWAY 1

T1.0

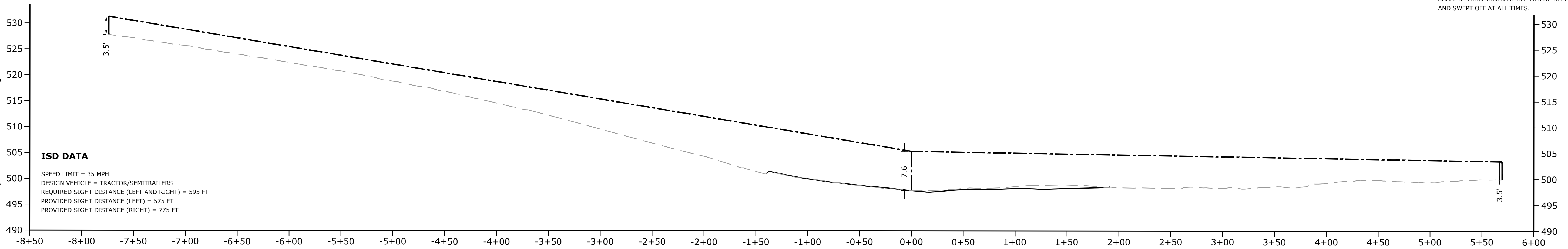
ISSUED FOR REVIEW - NOT FOR CONSTRUCTION

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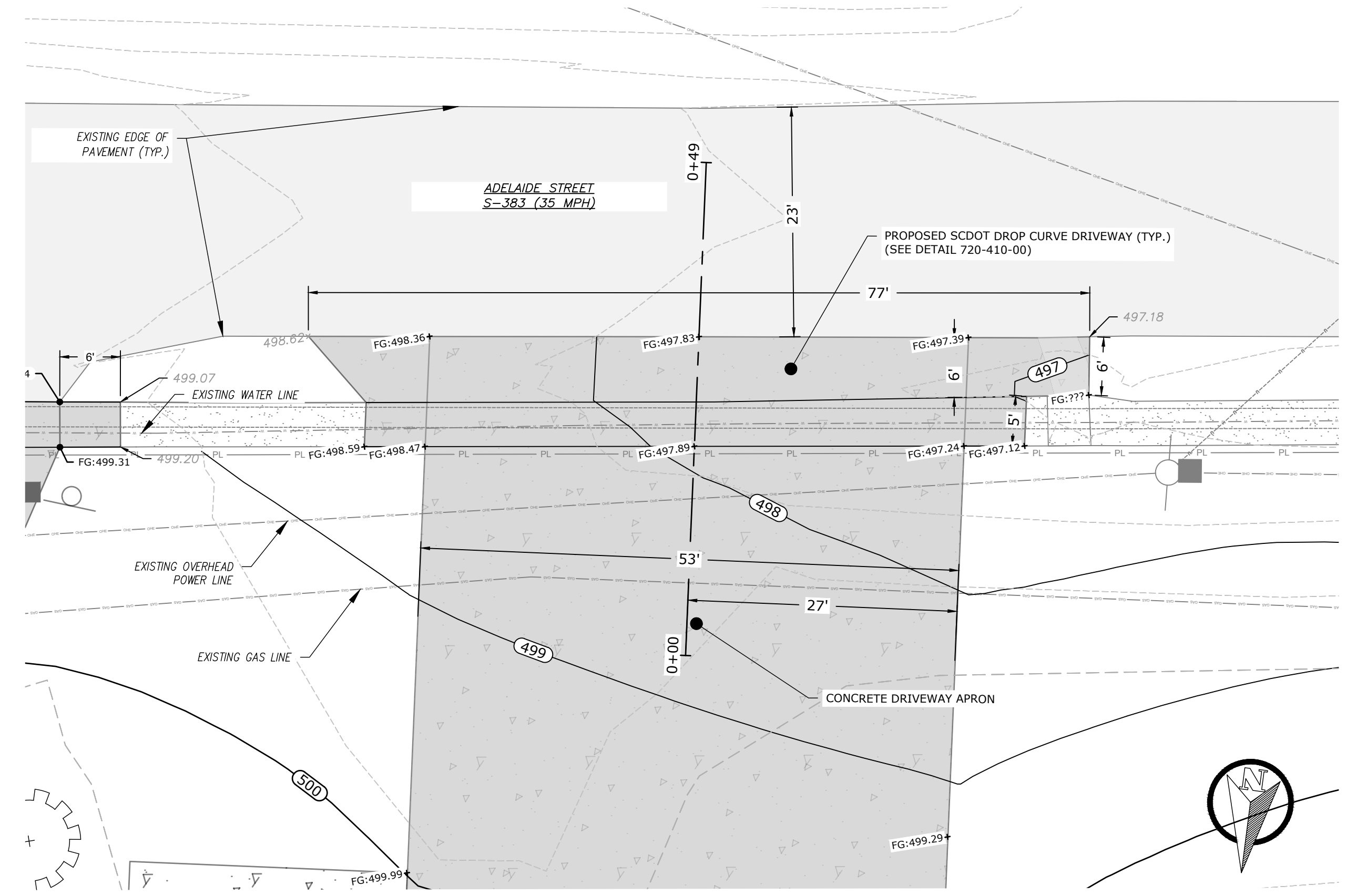
- GENERAL NOTES**
1. THE SPEED LIMIT ALONG ADELAIDE STREET IS POSTED 35 MPH.
 2. MOWING AND VEGETATION REMOVAL SHALL BE COMPLETED AND MAINTAINED FOR ALL SIGHT DISTANCE TRIANGLES.
 3. CONTRACTOR SHALL BE RESPONSIBLE FOR UTILIZING ALL APPLICABLE AND CURRENT SCDOT STANDARD DRAWINGS INCLUDING, BUT NOT LIMITED TO, THE DRAWINGS INCLUDED WITHIN THESE PLANS AND THE APPROVED PERMIT PACKAGE.
 4. CONTRACTOR SHALL CLEAR EXISTING CULVERTS/PIPES, CATCH BASINS, AND DITCHES ALONG FRONTAGE AND DOWNSTREAM AS NECESSARY TO ACHIEVE POSITIVE DRAINAGE.
 5. EXISTING ASPHALT REMOVAL FOR DRIVEWAY TIE-INS SHALL BE SAWCUT TO CREATE SMOOTH TRANSITIONS AND TIE-INS. DO NOT USE MINI-EXCAVATOR OR SKID-STEERS TO REMOVE ASPHALT. IF THE EXISTING PAVEMENT TYPE IS DAMAGED, THE DAMAGED SECTION WILL BE REPLACED IF SIDEWALK. IF ASPHALT, THE CONTRACTOR WILL MILL 2" DEPTH FOR A WIDTH OF 6.5' FOR THE LENGTH OF THE DAMAGE FOR A PATCH.
 6. THE CONSTRUCTION ENTRANCE MUST BE ESTABLISHED AT THE LOCATION DESIGNATED AND ACCORDING TO SCDOT TYPICAL 815-505-00. NO ADDITIONAL ENTRANCES OR LOCATIONS ARE ALLOWED WITHOUT WRITTEN NOTICE FROM SCDOT. APPROVED CONSTRUCTION ENTRANCE SHALL BE INSTALLED PROPERLY AND SHALL BE MAINTAINED AT ALL TIMES. KEEP ROADWAY PROTECTED AND SWEEPED OFF AT ALL TIMES.

**DRIVEWAY 2
SIGHT DISTANCE**
SCALE: 1" = 50'

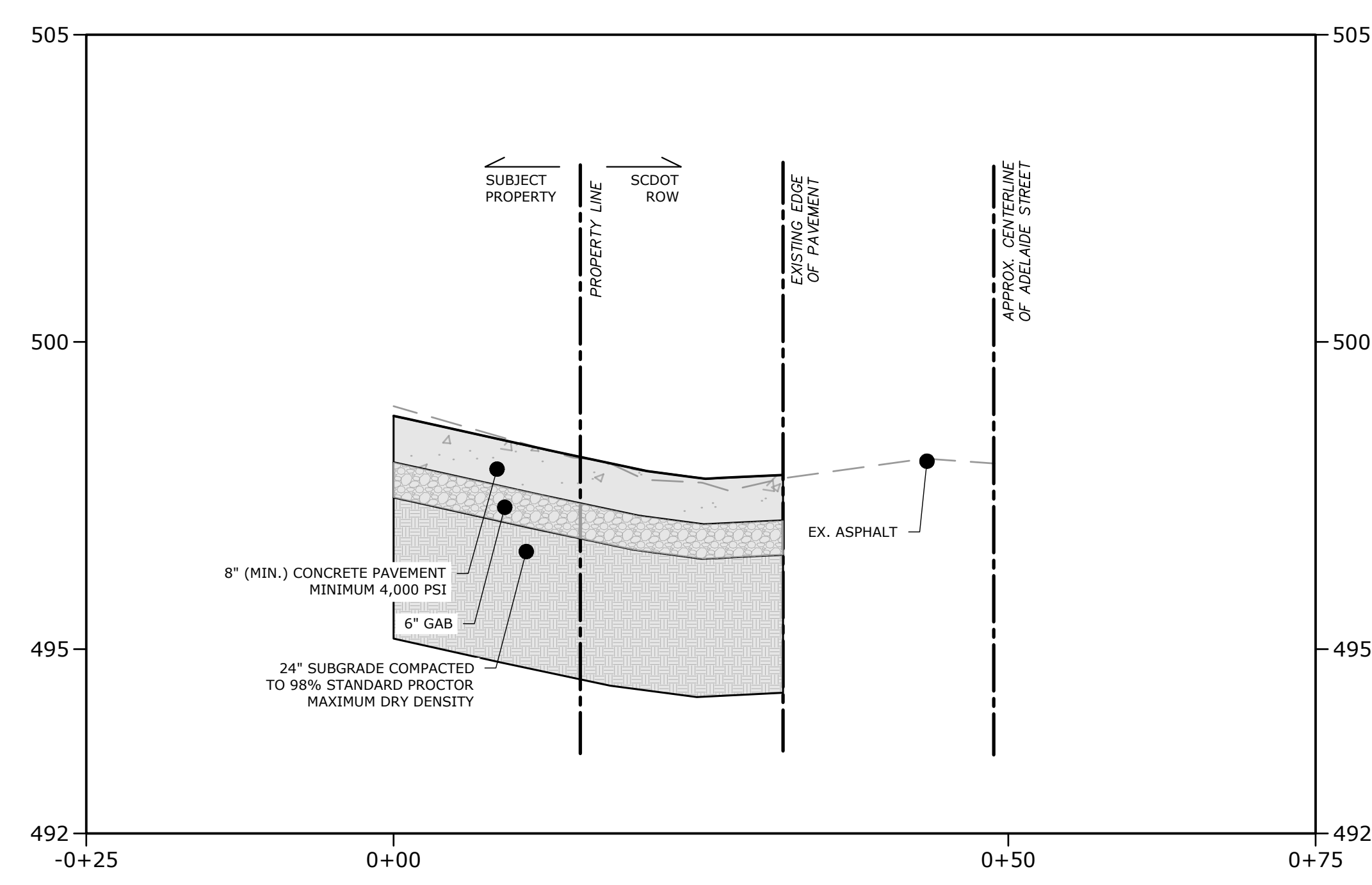


ISD DATA
SPEED LIMIT = 35 MPH
DESIGN VEHICLE = TRACTOR/SEMITRAILERS
REQUIRED SIGHT DISTANCE (LEFT AND RIGHT) = 595 FT
PROVIDED SIGHT DISTANCE (LEFT) = 575 FT
PROVIDED SIGHT DISTANCE (RIGHT) = 775 FT

Alignment - DRIVEWAY 2 ISD PROFILE
HOR: 1" = 10'
VER: 1" = 2'



DRIVEWAY DETAIL
SCALE: 1" = 10'



DRIVEWAY 2 PROFILE
HOR: 1" = 10'
VER: 1" = 2'

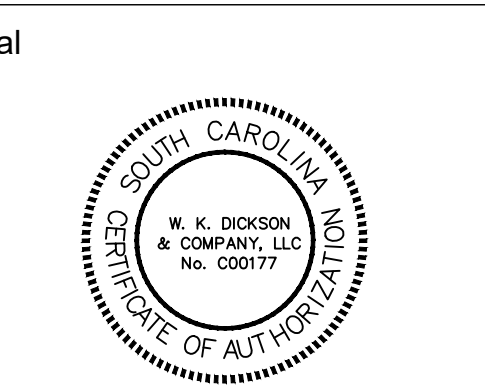
- ALL CONSTRUCTION TO BE COMPLETED IN ACCORDANCE WITH SCDOT STANDARD DRAWINGS AND SPECIFICATIONS, REFER TO THE FOLLOWING STANDARDS FOR THIS PROJECT:
- 610-005-00 - FLAGGING OPERATIONS TWO-LANE TWO-WAY PRIMARY & SECONDARY ROUTES
 - 610-005-10 - FLAGGING OPERATIONS TWO-LANE TWO-WAY ROADWAYS WITHOUT INTERSECTIONS
 - 610-005-20 - FLAGGING OPERATIONS WORK ZONES CONTINUING THROUGH STOP SIGN CONTROLLED SIDE ROADS
 - 610-205-00 - RIGHT SHOULDER CLOSURE (CASE I / CASE II) PRIMARY ROUTES
 - 625-305-00 - STANDARD MARKINGS FOR INTERSECTIONS
 - 630-205-00 - PAVEMENT MARKINGS TYPICAL
 - 651-115-01 - STANDARD SIGNS
 - 720-410-00 - DRIVEWAY WITH SEPARATED SIDEWALK WITHIN 7' - 4 3/4" OF CURB
 - 804-310-00 - OUTLET PROTECTION WITH DEFINED CHANNEL
 - 815-205-00 - EROSION CONTROL - SEDIMENT TUBE DITCH APPLICATION
 - 815-406-00 - SEDIMENT DAM FOR PIPE INLET
 - 815-505-00 - EROSION CONTROL - STABILIZED CONSTRUCTION ENTRANCE
 - 815-605-00 - EROSION CONTROL - TEMPORARY SILT FENCE
 - 815-605-05 - TEMPORARY SILT FENCE BREAKS
 - 815-605-10 - EROSION CONTROL - TEMPORARY DIVERSION DIKE

7. PAVEMENT MARKINGS: ALL MARKINGS WITHIN SCDOT R/W SHALL BE APPROVED PERMANENT PAVEMENT MARKINGS PER SECTIONS 625, 626 OR 627 WITHIN THE SCDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION
8. ALL PERMANENT SIGNAGE SHALL BE INSTALLED ON BREAKAWAY POSTS PER SCDOT STANDARD DRAWING 651-110-00 AND SHALL HAVE A 7 VERTICAL FOOT CLEARANCE FROM THE GROUND TO THE BOTTOM OF THE SIGN.
9. DRIVEWAY SIDE SLOPES SHALL BE NO STEEPER THAN 4H:1V.
10. ALL DRIVEWAY CULVERTS SHALL BE INSTALLED AND SEALED ACCORDING TO SCDOT TYPICAL 714-205-01 DETAIL 4 AND 5 WITH AN AASHTO M 315 RUBBER GASKET SEAL, ON PROPER GRADE TO ALLOW FOR POSITIVE STORM WATER FLOW WITHIN THE PIPE AND TO/FROM ADJACENT PIPES/CROSS LINES.
11. CONTRACTOR SHALL CUT AND/OR MILL RUMBLE STRIPS AS NECESSARY TO ENSURE SMOOTH EDGE IN ACCORDANCE WITH SCDOT STANDARD DRAWING 633-105-00
12. LANE CLOSURES ARE REQUIRED FOR ALL WORK WITHIN ONE FOOT OF THE TRAVEL WAY. SEE SCDOT LOCAL MAINTENANCE WORK RESTRICTIONS FOR ADDITIONAL INFORMATION. SHOULDER CLOSURES ARE REQUIRED FOR ALL WORK IN THE SCDOT R/W BEYOND ONE FOOT FROM THE TRAVEL WAY.
13. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SCHEDULE ALL REQUIRED INSPECTIONS IN ADVANCE. IF WORK REQUIRING INSPECTION IS PERFORMED WITHOUT PRIOR NOTICE BEING GIVEN TO SCDOT, THAT INSTALLATION SHALL BE SUBJECT TO REMOVAL AT THE CONTRACTOR'S EXPENSE. FAILURE TO OBTAIN CONTACT IS NOT AN APPROVAL TO PROCEED WITH ANY WORK.
14. FOLLOWING ARE THE UNALLOWED OPERATIONS AND PRACTICES THAT SHALL BE PROHIBITED FOR THIS PROJECT:
 - EXISTING ASPHALT SHALL BE MILLED TO A MINIMUM OF 2\"/>
16. ALL WORK COMPLETED UNDER ENCROACHMENT PERMIT SHALL ADHERE TO AND FALL UNDER SECTION 11-35-4230 OF SC LAW DENOTING LATENT DEFECTS SHALL BE IN EFFECT FOR WARRANTY FOR A PERIOD OF 3 YEARS BEYOND ACCEPTANCE OF THE PROJECT (AND BOND RELEASED).
17. NOTIFY SCDOT WHEN THE WORK HAS BEEN COMPLETED AND THE PERMIT IS READY FOR A FINAL INSPECTION. THE PERMIT WILL NOT BE CLOSED OUT AND THE BOND RELEASED UNTIL A FINAL INSPECTION IS COMPLETE (ACCEPTED BY SCDOT). VERIFY ALL WORK RELATED TO THE SCDOT PERMIT HAS BEEN COMPLETED BEFORE REQUESTING A FINAL.
18. ANY WORK BUILT WITHIN THE SCDOT R/W THAT IS NOT BUILT PER THE SCDOT APPROVED PERMIT AND PLANS IS SUBJECT TO REMOVAL AND REPLACEMENT PER APPROVED PERMIT AND PLANS AFTER INSPECTION.
19. TESTING REPORTS PER SCDOT CONSTRUCTION MANUAL APPENDIX C - SAMPLING & TESTING PROCEDURES SHALL BE SUBMITTED TO ENGINEER FOR UPLOAD TO SCDOT'S ENCROACHMENT PERMIT PROCESSING SYSTEM (EPPS).

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WKD PROJECT NO. - 20231098.00.GV



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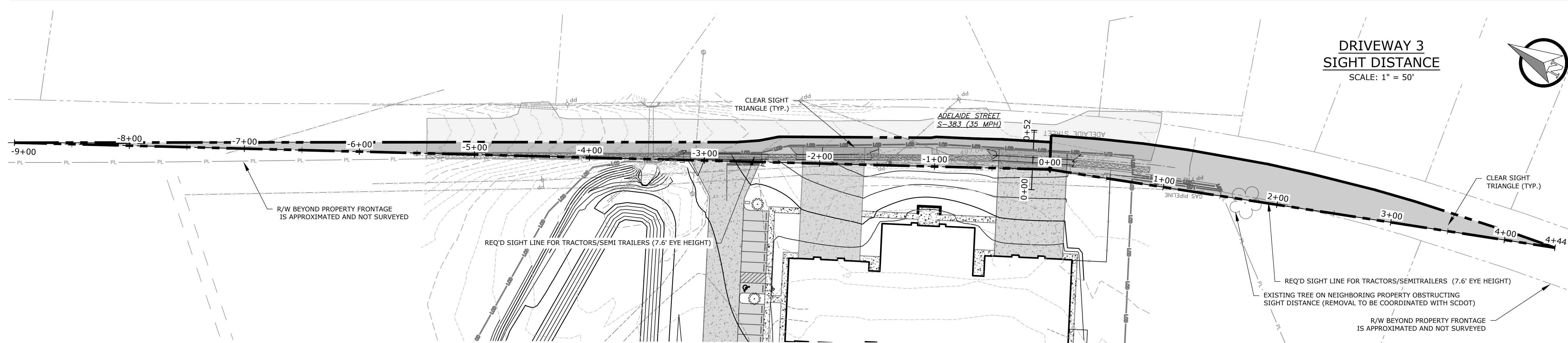
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Drawing
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PLAN - DRIVEWAY 2

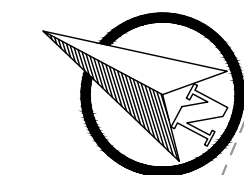
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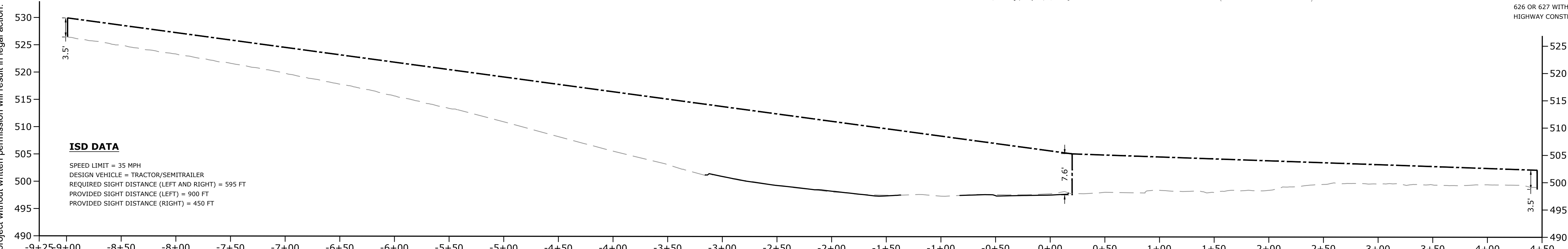


DRIVEWAY 3 SIGHT DISTANCE
SCALE: 1" = 50'



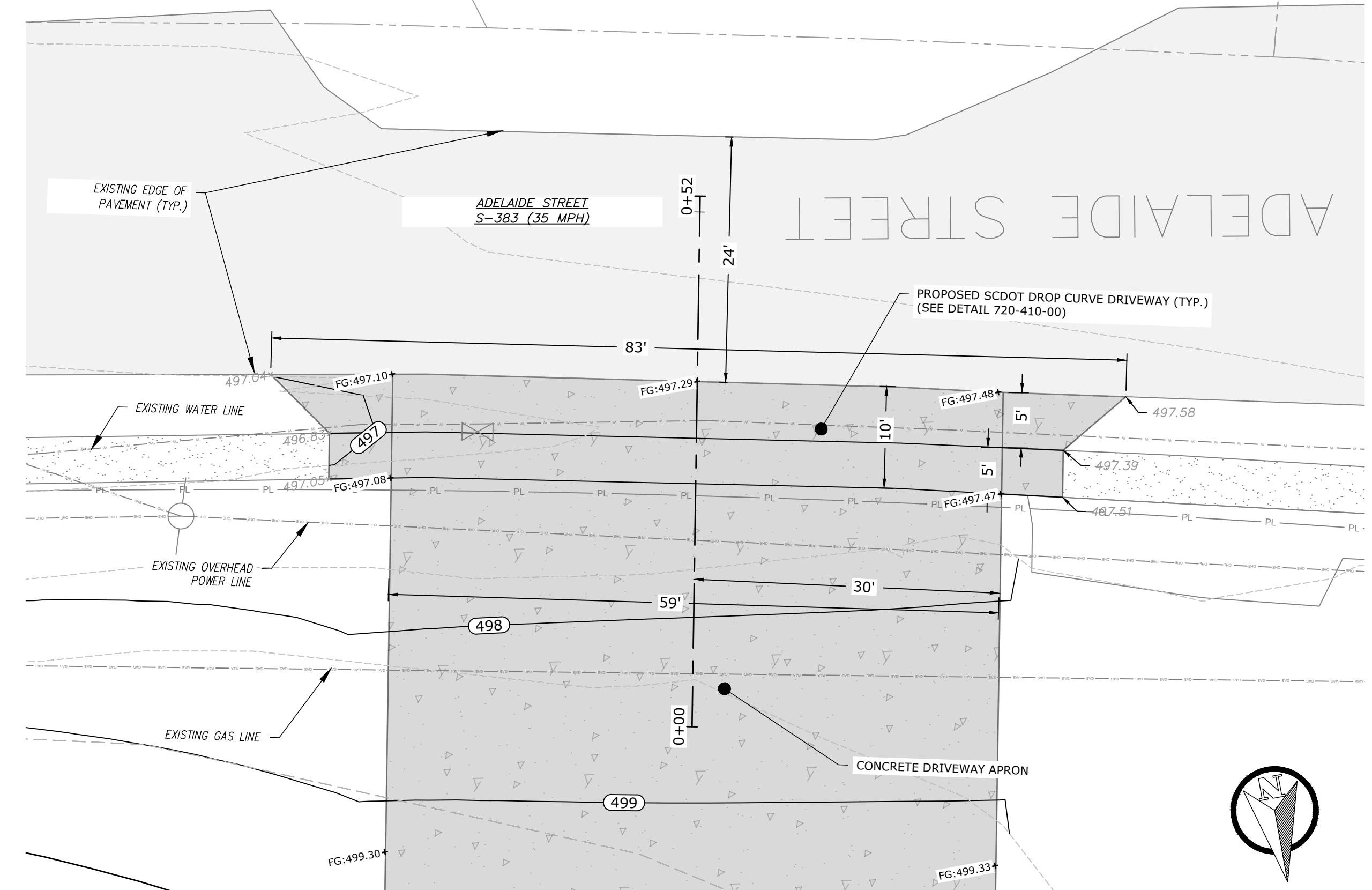
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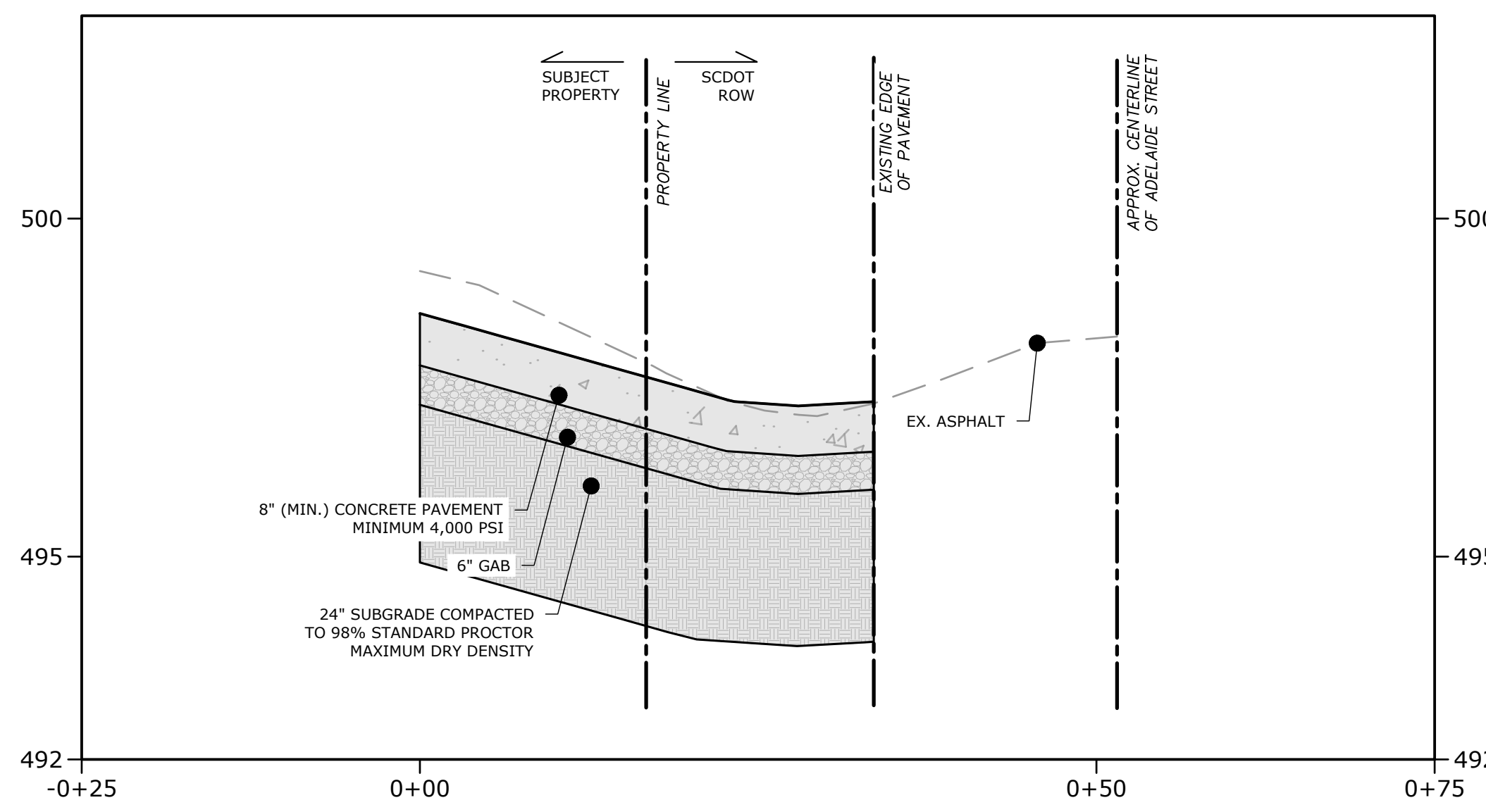


ISD DATA
SPEED LIMIT = 35 MPH
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PROVIDED SIGHT DISTANCE (LEFT) = 900 FT
PROVIDED SIGHT DISTANCE (RIGHT) = 450 FT

DRIVEWAY 3 ISD PROFILE
HOR: 1" = 10'
VER: 1" = 2'



DRIVEWAY 3 DETAIL
SCALE: 1" = 10'



DRIVEWAY 3 PROFILE
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14. NO VEGETATION INSTALLED ON PRIVATE PROPERTY SHALL BLOCK THE SCDOT SIGHT TRIANGLES OR SIGHT DISTANCES FOR MOTORISTS INGRESS OR EGRESS FROM APPROVED DRIVEWAYS AND OR ROADWAY INTERSECTIONS. THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR KEEPING OFFSITE.
15. FOLLOWING RESURFACING OPERATIONS, ANY IRREGULAR AREAS THAT HAVE HIGH OR LOW SPOTS EXCEEDING 1/8" FOR SURFACE COURSE OR 1/4" FOR INTERMEDIATE COURSES WITH 10' STRAIGHT EDGE SHALL BE CORRECTED. REFER TO SCDOT SPECIFICATION 401.4.13 (NOTE 5) AND 401.4.27.2 FOR ADDITIONAL INFORMATION.
16. ALL WORK COMPLETED UNDER ENCROACHMENT PERMIT SHALL ADHERE TO AND FALL UNDER SECTION 11-35-4230 OF SC LAW DENOTING LATENT DEFECTS SHALL BE IN EFFECT FOR WARRANTY FOR A PERIOD OF 3 YEARS BEYOND ACCEPTANCE OF THE PROJECT (AND BOND RELEASED).
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WKD PROJECT NO. - 20231098.00.GV

Seal
SOUTH CAROLINA
W. K. DICKSON & COMPANY, LLC
No. 000177
STATE OF AUTHORIZATION
SOUTH CAROLINA
No. 33577
05/06/2026
MATTHEW S. JOHNSON

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E	06 MAY 2026	ADDENDUM 2

Drawing
SCDOT
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PLAN - DRIVEWAY 3

T1.2

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