

# LAKEWOOD ELEM. PARENT DROP OFF LOOP

PREPARED FOR  
HORRY COUNTY SCHOOLS

PROJECT LOCATION  
MYRTLE BEACH, SOUTH CAROLINA

PROJ. # 160360.01

DATE: 4-26-2021



VICINITY MAP NOT TO SCALE

**Reviewed For Code Compliance**

These set of Construction Documents and/or Specifications have been reviewed for Code Compliance. Any changes or alterations to these documents shall be approved by the Building Official [Office of Schools Facilities (OSF)]. This review for code compliance does not relieve the design professional representing the district from code omissions as interpreted by the OSF; nor the owner, contractor or their representatives from the responsibility to comply with all OSF Regulations, Local, State and National Codes and Standards in effect at the time of the Building Permit issuance. This plan review does not prevent this office from requiring corrections during construction to meet code requirements.

Stamped Plans and Specifications are required to be on site for inspections.

OSF Plan Reviewer *Molly Langston* Date 10/8/2021  
S.C. Department of Education - Office of School Facilities  
Electronic Stamp

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**UTILITY PROVIDERS**

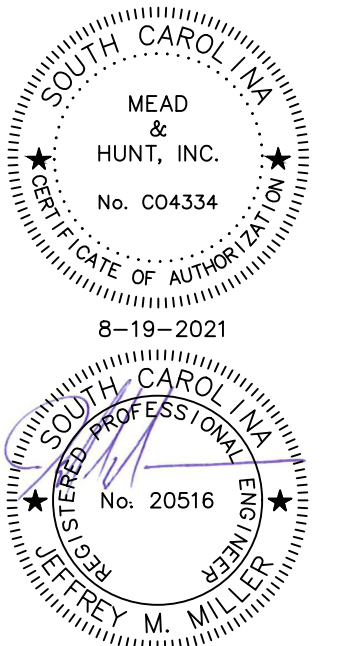
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Call before you dig.**

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LAKEWOOD ELEM. PARENT  
LOOP  
MYRTLE BEACH, SOUTH CAROLINA

REVISION

M&H NO.: 201919.01  
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DESIGNED BY: JMM  
DRAWN BY: JMM  
CHECKED BY: KJB  
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SHEET CONTENTS  
COVER SHEET

SHEET NO.

G-001

# SWPPP NOTES / OCRM STANDARD NOTES

## SEQUENCE OF CONSTRUCTION

1. INSTALL CONSTRUCTION EXIT
2. INSTALL SILT FENCE AND SEDIMENT AND EROSION CONTROL
3. CONSTRUCT SITE
4. FINE GRADE AND STABILIZE SITE

## SITE DATA:

- |                                                                             |                                            |
|-----------------------------------------------------------------------------|--------------------------------------------|
| 1. PIN:                                                                     | 4470000018                                 |
| 2. TOTAL ACREAGE:                                                           | 18.7 ACRES +/-                             |
| 3. ACREAGE DISTURBED:                                                       | 2.7 ACRES +/-                              |
| 4. NEW IMPERVIOUS AREA:                                                     | 42,875 SF +/-                              |
| 5. LIMITS OF GRADING:                                                       | WITHIN PROJECT LIMITS                      |
| 6. PHASING:                                                                 | THESE PLANS REPRESENT A SINGLE PHASE       |
| 7. CONSTRUCTION ACTIVITIES:                                                 | CLEARING, GRADING, CONSTRUCTION, GRASSING. |
| 8. RECEIVING WATERBODY:                                                     | ATLANTIC OCEAN                             |
| 9. PREDOMINANT SOIL TYPE(S):                                                | CENTENARY FINE SAND, LEON FINE SAND        |
| 10. WETLAND DELINEATION:                                                    | NO WETLANDS ON SITE                        |
| 11. PROJECT TYPE:                                                           | SCHOOL                                     |
| 12. ANTICIPATED START DATE:                                                 | APRIL 1, 2021                              |
| 13. ANTICIPATED END DATE:                                                   | AUGUST 1, 2021                             |
| 14. CONSTRUCTION MATERIALS TO BE STORED ON SITE: AS NEEDED FOR CONSTRUCTION |                                            |
| 14. WASTE MATERIALS TO BE STORED ON SITE: LIMITED STORAGE ON SITE           |                                            |
| 15. OTHER POLLUTANT SOURCES ON SITE: NONE                                   |                                            |
- LONG TERM MAINTENANCE OF DRAINAGE AND STORM WATER MANAGEMENT SYSTEM

1. ALL INFRASTRUCTURE TO BE MAINTAINED BY HORRY COUNTY SCHOOLS
2. AS-BUILT DRAWINGS WILL BE SUBMITTED TO HORRY COUNTY PRIOR TO FINAL INSPECTION.

## GENERAL NOTES:

1. INSPECTIONS SHALL BE CONDUCTED BY QUALIFIED PERSONNEL (SWPPP PREPARER, THOSE UNDER THE DIRECT SUPERVISION OF THE SWPPP PREPARER, AND THOSE WHO ARE CERTIFIED CONSTRUCTION SITE INSPECTORS AS APPROVED BY DHEC.)
2. SEE DHEC / OCRM REGULATIONS FOR SWPPP INSPECTION REPORT REQUIREMENTS.
3. FOR SITE DISTURBING 10 ACRES OR MORE, MONTHLY REPORTS MUST BE SUBMITTED TO DHEC BY THE 28TH OF EACH MONTH FOLLOWING THE REPORTING PERIOD.
4. STABILIZATION MEASURES SHALL BE CONSTRUCTED AS SOON AS PRACTICAL AS CONSTRUCTION PROGRESSES ON DIFFERENT PORTIONS OF THE SITE.
5. DAMAGED OR INEFFECTIVE DEVICES SHALL BE REPAIRED OR REPLACED, AS NECESSARY.
6. ALL DISTURBED AREAS SHALL BE CLEANED, GRADED AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION.
7. 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.
8. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFF SITE SEDIMENTATION.
9. 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 THE PAVED SURFACES.
10. THE CONTRACTOR SHALL REMOVE MUD/SOIL FROM PAVEMENT AREA DAILY AS REQUIRED BY THE OWNER, ENGINEER, OR REGULATORY AGENCIES.
11. DELAYS OF GREATER THAN 14 DAYS PRIOR TO START OF ROUGH GRADING SHALL REQUIRE THAT STABILIZATION PROCEDURES BE INITIATED.
12. ACCEPTABLE METHODS OF STABILIZATION INCLUDE MULCHING AND TEMPORARY SEEDING.
13. NO SOLID MATERIALS (INCLUDING BUILDING MATERIALS, TRASH, AND OTHER DEBRIS) SHALL BE DISCHARGED TO THE WATERS OF SOUTH CAROLINA EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.

1. 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.
2. 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 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.
3. ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED ONCE EVERY CALENDAR WEEK. IF PERIODIC INSPECTION OR OTHER INFORMATION INDICATES THAT A BMP HAS BEEN INAPPROPRIATELY OR INCORRECTLY INSTALLED, THE PERMITTEE MUST ADDRESS THE NECESSARY REPLACEMENT OR MODIFICATION REQUIRED TO CORRECT THE BMP WITHIN 48 HOURS OF IDENTIFICATION.
4. 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 SEDIMENT BEFORE BEING PUMPED BACK INTO ANY WATERS OF THE STATE.
5. 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.
6. 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.
7. 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 SCR100000.
8. 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.
9. ALL WATERS OF THE STATE (WOS), INCLUDING WETLANDS, ARE TO BE FLAGGED OR OTHERWISE CLEARLY MARKED IN THE 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.
10. 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.
11. 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. STANDARD NOTES REVISED DECEMBER 2012
12. 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.
13. MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.
14. 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.
15. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DEWATERING OF TRENCHES AND EXCAVATED AREAS. THESE DISCHARGES ARE TO BE ROUTED THROUGH APPROPRIATE BMPS (SEDIMENT BASIN, FILTER BAG, ETC.).
16. 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.
17. AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS MUST BE CONDUCTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE.
18. 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.
19. 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 COUNTY / DHEC HAS APPROVED OTHERWISE.

## LONG TERM MAINTENANCE OF DRAINAGE AND STORM WATER MANAGEMENT SYSTEM

1. ALL INFRASTRUCTURE TO BE MAINTAINED BY HORRY COUNTY SCHOOLS.

## PROJECT NOTES

HORIZONTAL DATUM: NAD 83  
VERTICAL DATUM: NAVD 88  
FLOOD ZONE: X

## HCS DISTRICT NOTES

1. ALL IMPACTED AREAS INCLUDING BUT NOT LIMITED TO SITE ACCESS, DRAINAGE INSTALLATION, CONCRETE, DEMOLISHING, CONCRETE WASHOUT, AND STAGING AREAS AREA TO BE GRADED AND SODDED AT CONCLUSION OF ACTIVITIES.
2. SOD SHALL BE BERMUDA SOD WITH NO MESH BACKING.
3. ALL IRRIGATION LINES DAMAGED SHALL BE REPAIRED PER THE DISTRICT'S CURRENT SPECIFICATIONS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING ALL NEW SOD UNTIL THE ROOT IS ESTABLISHED AND THE GRASS HAS A HEALTHY GROWTH. A FINAL GRASSING INSPECTION IS REQUIRED.
5. THE SITE SHALL BE CLEANED OF ALL TRASH AND DEBRIS ON A DAILY BASIS.

## INSPECTION NOTES

1. WEEKLY INSPECTIONS AND REPORTS BY THE CONTRACTOR SHALL BE KEPT ON SITE AND BE READILY AVAILABLE TO THE ENGINEER AND / OR HORRY COUNTY.
2. THE CONSTRUCTION ENTRANCE SHALL BE MAINTAINED DAILY - ALL MUD SHALL BE REMOVED.
3. FINAL DRAINAGE ASBUILTS SHALL BE REQUIRED AND APPROVED BY HORRY COUNTY PRIOR TO THE ISSUANCE OF CERTIFICATE OF OCCUPANCY (CO).
4. THE LAND DISTURBANCE ACTIVITIES WILL BE ACCOMPLISHED PURSUANT TO THE SWPPP AND PLANS. HORRY COUNTY SHALL HAVE THE RIGHT TO ACCESS THE SITE AND CONDUCT INSPECTIONS.

## GENERAL NOTES

1. UTILITY LOCATIONS SHOWN ON THESE PLANS ARE BASED ON HORIZONTAL LOCATIONS AT THE TIME OF SURVEY. NO S.U.E. OR VERTICAL LOCATIONS HAVE BEEN DONE AT THIS TIME. CONTRACTOR TO VERIFY LOCATIONS AND COORDINATE WITH UTILITY COMPANIES ON ANY RELOCATIONS NECESSARY. ANY UTILITY INFORMATION ON THESE PLANS AS IT RELATES TO EXISTENCE, LOCATION, OR ELEVATION, HAS BEEN TAKEN FROM INFORMATION SUPPLIED BY OTHERS. THE ENGINEER OR SURVEYOR HAS NOT VERIFIED THIS INFORMATION. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY AND COORDINATE ALL UTILITY INFORMATION AND TO CONTACT THE APPROPRIATE AGENCIES TO OBTAIN AN ACCURATE FIELD LOCATION OF ANY AND ALL UTILITIES THAT MAY BE IN THE VICINITY OF ANY PROPOSED WORK. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES, CONFLICTS WITH ANY PROPOSED WORK. THE ENGINEER SHALL BE ALLOWED TIME TO MAKE ANY NECESSARY DESIGN REVISIONS TO ELIMINATE OR CONFLICTS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE LOCATING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
3. CONTRACTOR SHALL BE RESPONSIBLE COORDINATING AND LOCATING UTILITY LINES AND SERVICES WITH RESPECTIVE UTILITY COMPANIES.
4. ACCESS TO RESIDENCES AND BUSINESS SHALL BE MAINTAINED TO THE MAXIMUM EXTENT POSSIBLE DURING WORKING HOURS. FULL ACCESS SHALL BE PROVIDED AT THE END OF EACH WORK DAY.
5. MANHOLE COVERS AND VALVE BOXES SHALL BE ADJUSTED TO THE FINISHED GRADE. COST FOR THIS ITEM SHALL BE INCLUDED IN THE NEAREST RELATED BID ITEM.
6. ALL DRIVEWAYS ARE SUBJECT TO ADJUSTMENT BY THE ENGINEER.
7. PIPE LENGTHS THAT ARE SHOWN ON THE PLANS ARE ACTUAL LENGTHS CALCULATED ALONG THE PIPE SLOPE FROM CENTER OF BOX TO CENTER OF BOX. FIELD ADJUSTMENTS OF THE ACTUAL PIPE LENGTHS MAY BE NECESSARY. ALL EXPOSED PIPE ENDS SHALL HAVE FLARED AND SECTIONS.
8. ALL UNDERGROUND UTILITIES AND/OR CONDUITS AT PAVED AREAS MUST BE IN PLACE PRIOR TO PAVEMENT BASE CONSTRUCTION. CONTRACTOR SHALL INSURE COMPACTION IN THOSE AREAS.
9. THE CONTRACTOR SHALL ADHERE TO THE WEIGHT LIMITS PRESCRIBED ON COUNTY/ CITY / STATE MAINTAINED ROADS FOR HAULING EQUIPMENT AND/OR MATERIALS TO AND FROM THIS SITE. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY DAMAGES TO THE STREETS AND/OR UTILITIES DUE TO NONCOMPLIANCE OF WEIGHT LIMIT REGULATIONS.
10. THE CONTRACTOR SHALL PROVIDE SIGNAGE FOR TRAFFIC CONTROL DURING CONSTRUCTION. ALL WORK IS INTERNAL TO THE PROJECT SITE - TRAFFIC CONTROL WILL BE FIELD ADJUSTED BY THE ENGINEER / INSPECTORS.
11. EXCEPT AS MAY OTHERWISE BE SPECIFIED ON THE PLANS OR IN THE SPECIAL PROVISIONS, ALL MATERIALS AND WORKMANSHIP ON THIS PROJECT SHALL CONFORM TO THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (LATEST EDITION) AND THE STANDARD DRAWINGS FOR ROAD CONSTRUCTION IN EFFECT AT THE TIME OF LETTING AND THE HORRY COUNTY STANDARD DETAILS AND SPECIFICATIONS.

## SEDIMENT AND EROSION CONTROL LEGEND

DESCRIPTION	SYMBOL
TEMPORARY CONST. EXIT	
SILT FENCE	
ROCK CHECK DAM	
TYPE A - FABRIC INLET PROTECTION	
RIPRAP	
CONCRETE WASHOUT AREA	
SILT SACK INLET PROTECTION	

## ABBREVIATIONS

HDPE	HIGH DENSITY POLYETHYLENE
BOT	BOTTOM
DIP	DUCTILE IRON PIPE
EL	ELEVATION
FG	FINISHED GRADE
FM	FORCE MAIN (SANITARY SEWER)
FR	FRAME
GI	GRATE INLET
IE	INVERT ELEVATION
LF	LINEAR FEET
MAX	MAXIMUM
MIN	MINIMUM
OC	ON CENTER
PC	POINT OF CURVE
PT	POINT OF TANGENT
PVC	POLYVINYL CHLORIDE
RCP	REINFORCED CONCRETE PIPE
RJP	RESTRAINED JOINT PIPE
R/W	RIGHT-OF-WAY
SD	STORM DRAINAGE
SDMH	STORM DRAINAGE MANHOLE
SF	SQUARE FEET
SGD	SUBGRADE DRAIN
SS	SANITARY SEWER
TC	TOP OF CURB
TG	TOP OF GUTTER
TP	TOP OF PAVEMENT
TW	TOP OF WALK
TYP	TYPICAL
W	WATER
W/	WITH
WV	WATER VALVE
Ø	DIAMETER

## DESCRIPTION

RIGHT-OF-WAY LINE
PROPERTY LINE
CENTER LINE OF ROAD
TREE LINE
CONTOUR
SPOT ELEVATION
TREE PROTECTION
CLEARING LIMITS
TREE
TREE TO BE REMOVED
ASPHALT PAVEMENT
SANITARY SEWER PIPE
FORCE MAIN
WATER PIPE
SANITARY SEWER MH
WATER VALVE
FIRE HYDRANT
NATURAL GAS
TELEPHONE
UNDERGROUND TELEPHONE
ELECTRICITY
UNDERGROUND ELECTRICITY
HOODED INLET
GRATE INLET TYPE
CONCRETE CURB & GUTTER
STORM DRAINAGE PIPE
STORM MANHOLE OR JUNCTION BOX

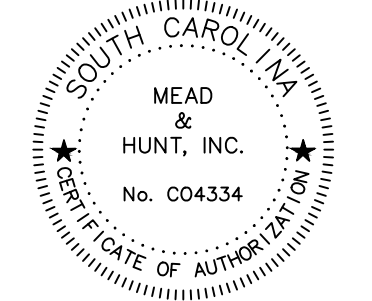
## LEGEND

### EXISTING


### PROPOSED


**Mead & Hunt**

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meadhunt.com



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SHEET CONTENTS

INDEX AND NOTES

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C-100



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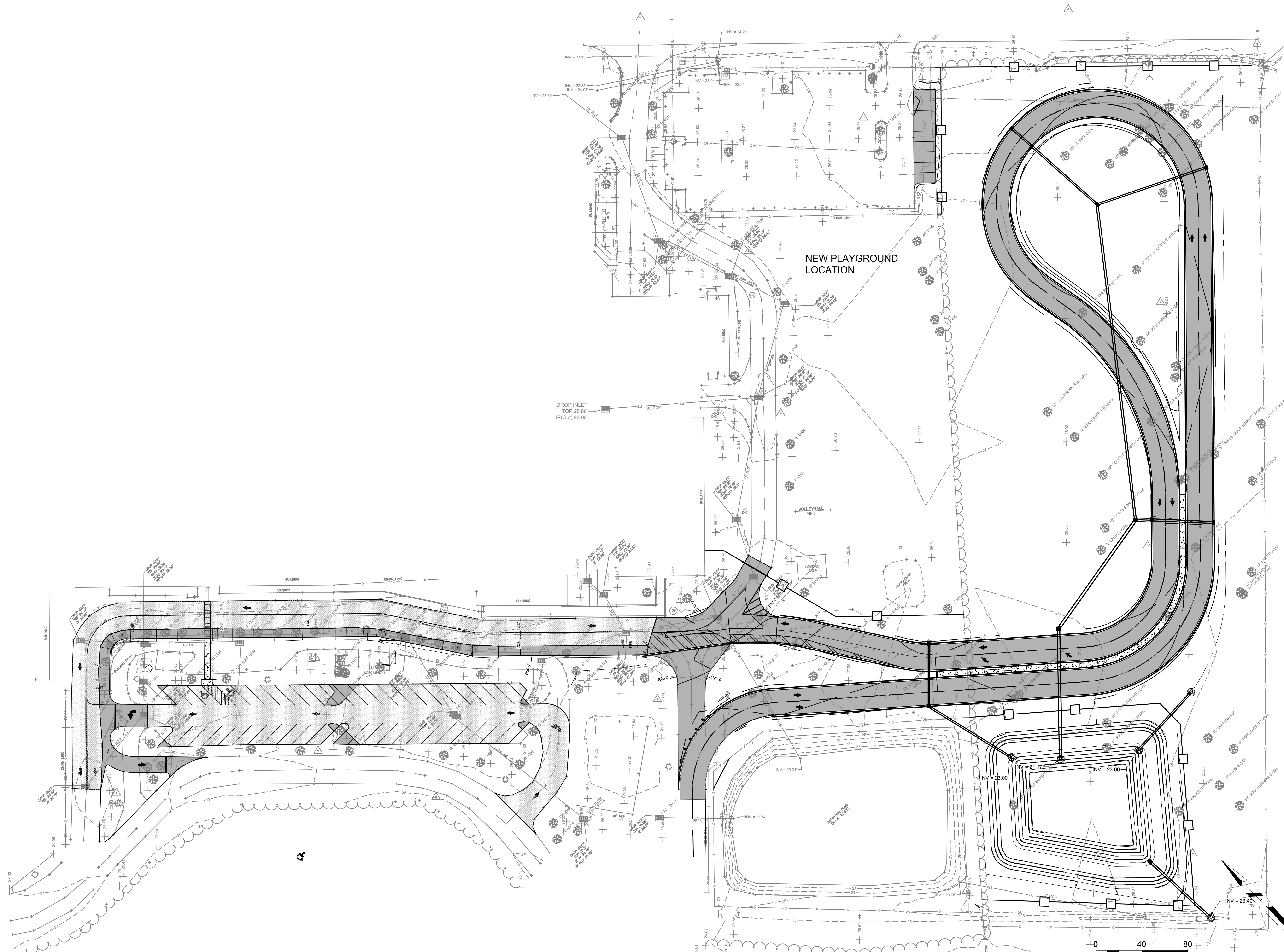
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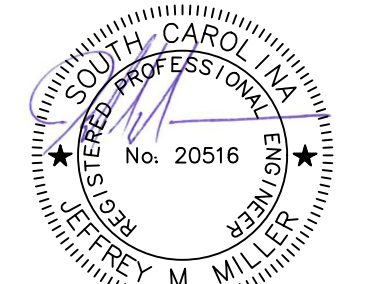
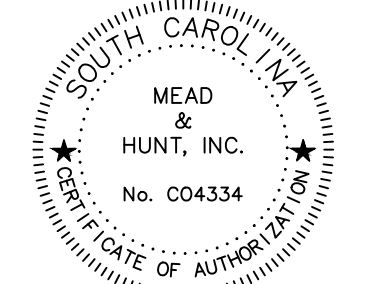
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SHEET CONTENTS  
**OVERALL SITE PLAN**

SHEET NO.

**C-101**





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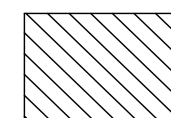
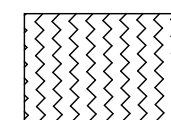
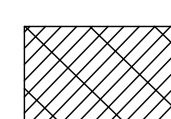
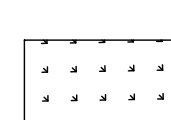

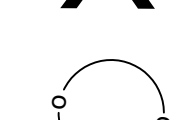
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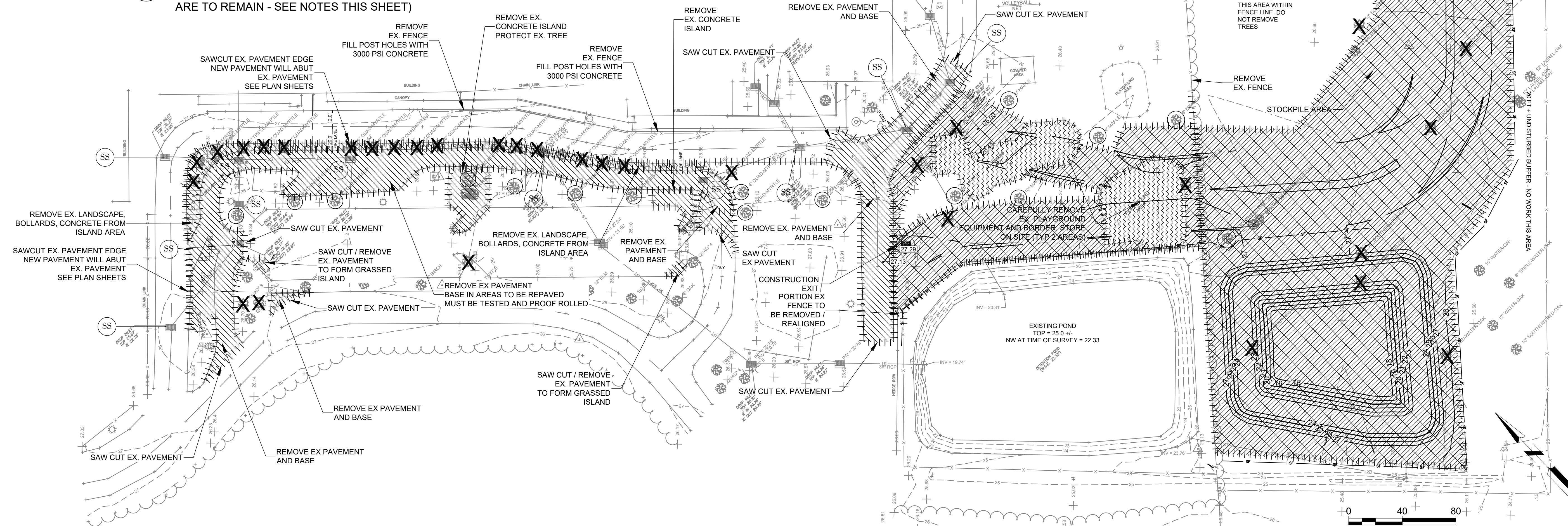
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### DEMOLITION NOTES:

1. FIRE ACCESS MUST BE MAINTAINED AT ALL TIMES.
2. DEMOLITION AND CONSTRUCTION WILL BE PHASED SUCH THAT DISRUPTIONS TO SCHOOL OPERATIONS ARE KEPT TO A MINIMUM. A PHASING PLAN SHALL BE DISCUSSED AT THE PRE-CONSTRUCTION MEETING.
3. ALL DRAINAGE STRUCTURES ARE TO REMAIN.
4. INSTALL SEDIMENT AND EROSION CONTROL DEVICES PRIOR TO ANY WORK.
5. DO NOT REMOVE ANY TREES THAT ARE SHOWN TO HAVE TREE PROTECTION - EVEN IF THEY ARE WITHIN AREAS THAT ARE NOTED TO BE CLEARED.
6. SUB-GRADE MUST BE TESTED AND PROOF ROLLED IN AREAS WHERE EXISTING PAVEMENT IS TO BE REMOVED AND REPLACED WITH NEW PAVEMENT SECTION.
7. STOCKPILE LOCATIONS MUST BE COORDINATED WITH HORRY COUNTY SCHOOLS.

### DEMOLITION LEGEND

-  REMOVE PAVEMENT / BASE / LANDSCAPING
-  REMOVE AND STORE ON SITE
-  CLEAR / GRUB
-  AREA TO BE GRASSED (ALL DIST AREAS) 1.52 AC +/-
-  TREE TO BE REMOVED
-  TREE PROTECTION REQUIRED (OTHER TREES WITHOUT TREE PROTECTION ARE TO REMAIN - SEE NOTES THIS SHEET)





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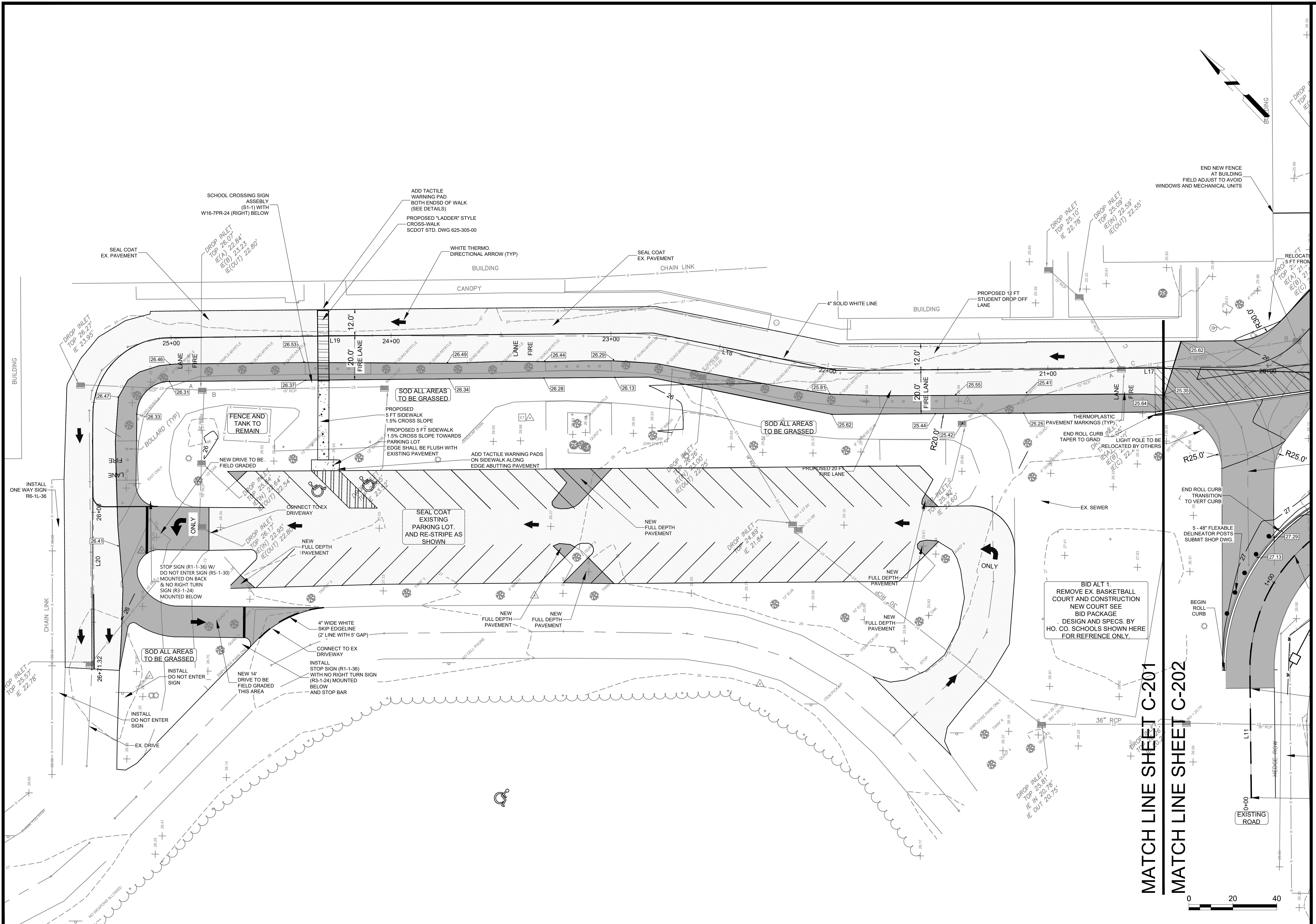
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LAKEWOOD ELEM. PARENT  
LOOP**  
MYRTLE BEACH, SOUTH CAROLINA

REVISION

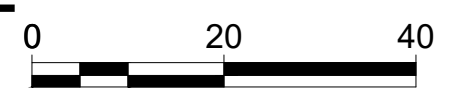
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DESIGNED BY: JMM  
DRAWN BY: JMM  
CHECKED BY: KJB  
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SHEET CONTENTS  
SITE PLAN

SHEET NO.  
**C-201**



**MATCH LINE SHEET C-201**  
**MATCH LINE SHEET C-202**



X:\048200\201919\01\TECH\CAD\DRAWINGS\HCS LAKEWOOD CIVIL.DOT REV.DWG  
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**HORRY COUNTY SCHOOLS  
LAKEWOOD ELEM. PARENT  
LOOP  
MYRTLE BEACH, SOUTH CAROLINA**

REVISION

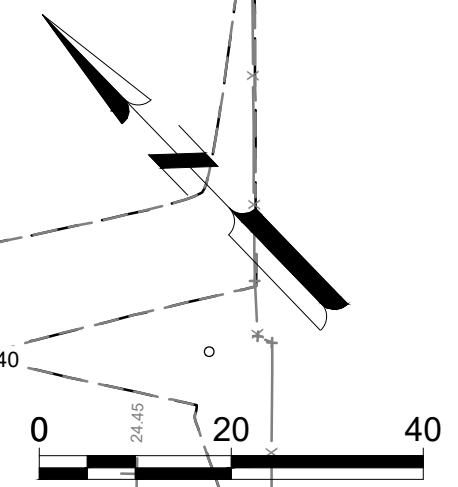
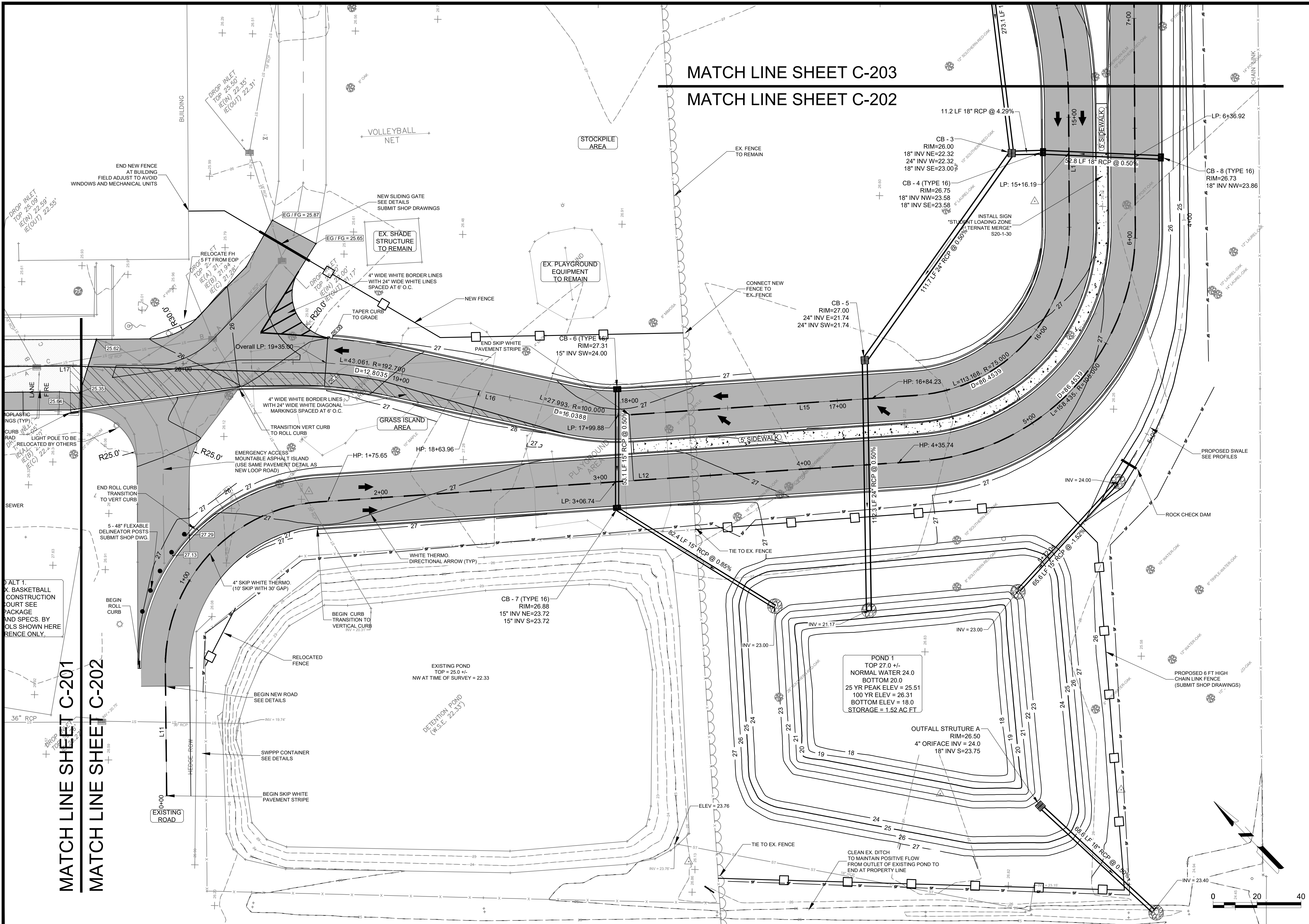
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**SITE PLAN**

SHEET NO.

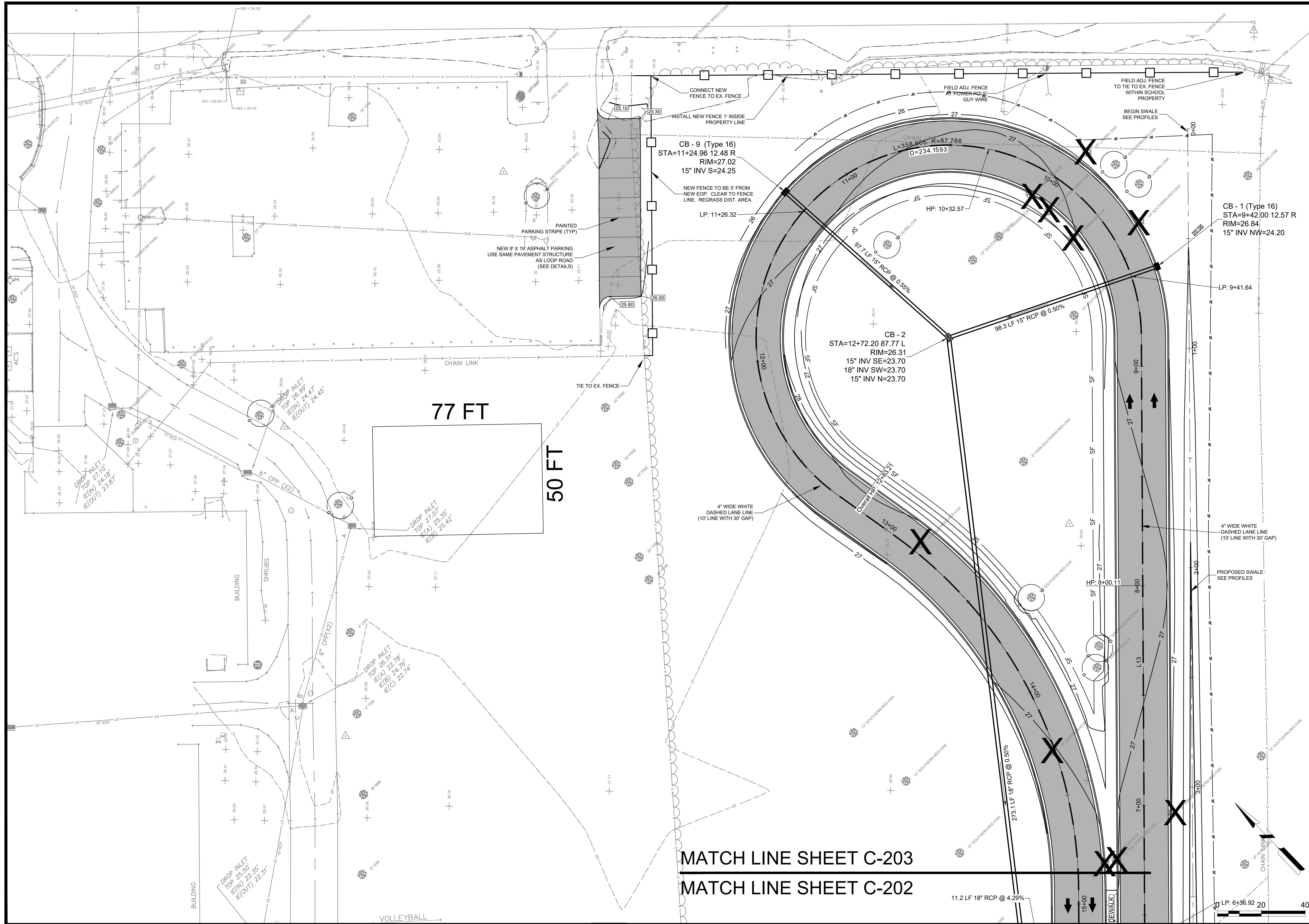
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**MATCH LINE SHEET C-203  
MATCH LINE SHEET C-202**

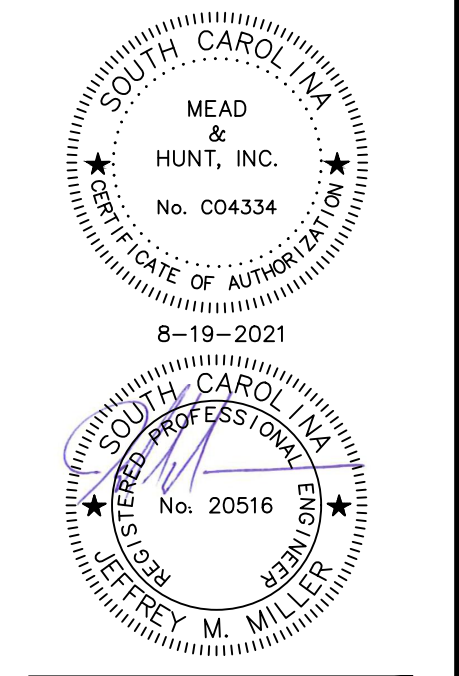


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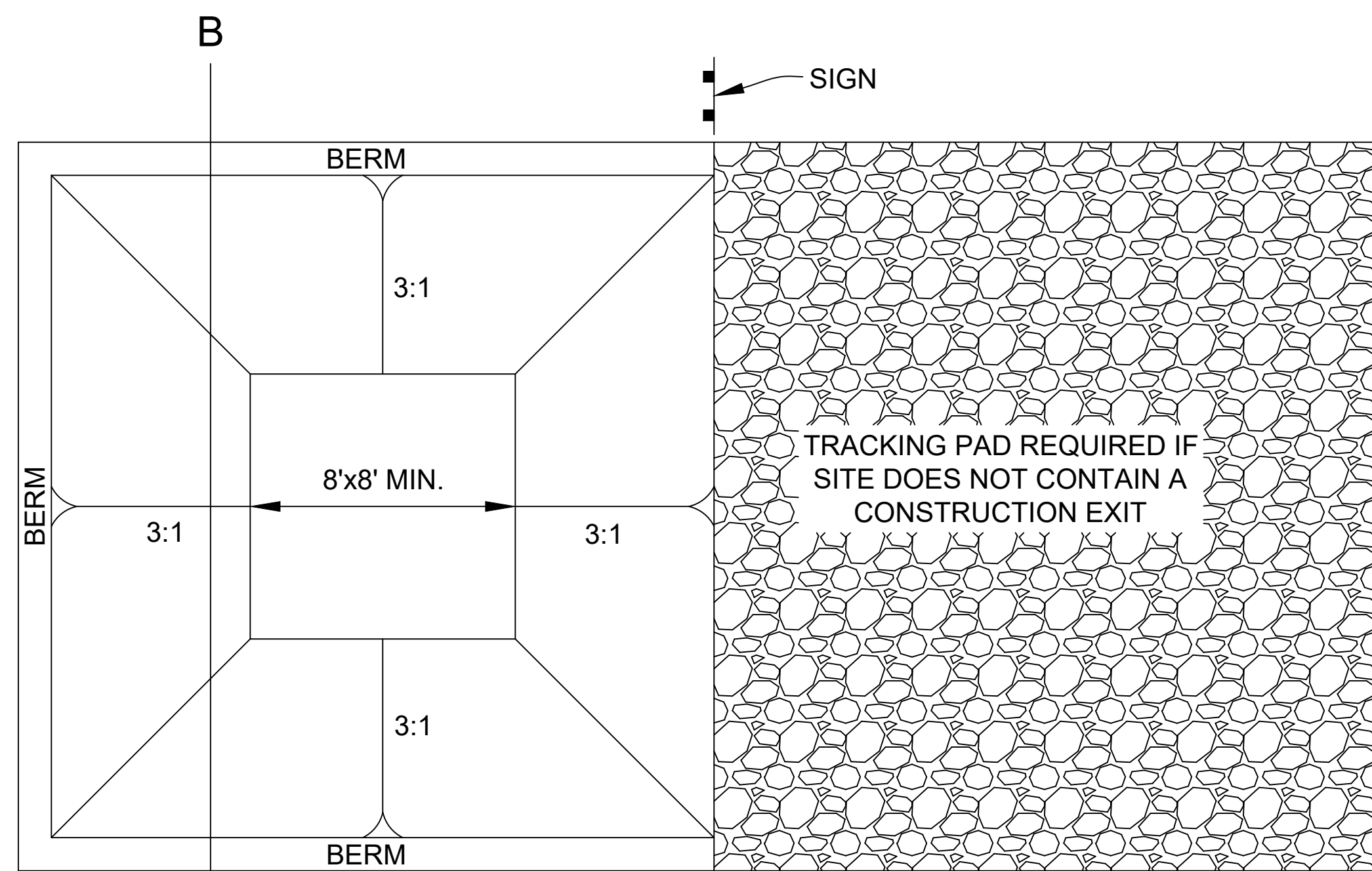
**Mead & Hunt**  
 Mead & Hunt, Inc.  
 333 Wellness Drive  
 Myrtle Beach, SC 29579  
 phone: 843-839-1490  
 meadhunt.com



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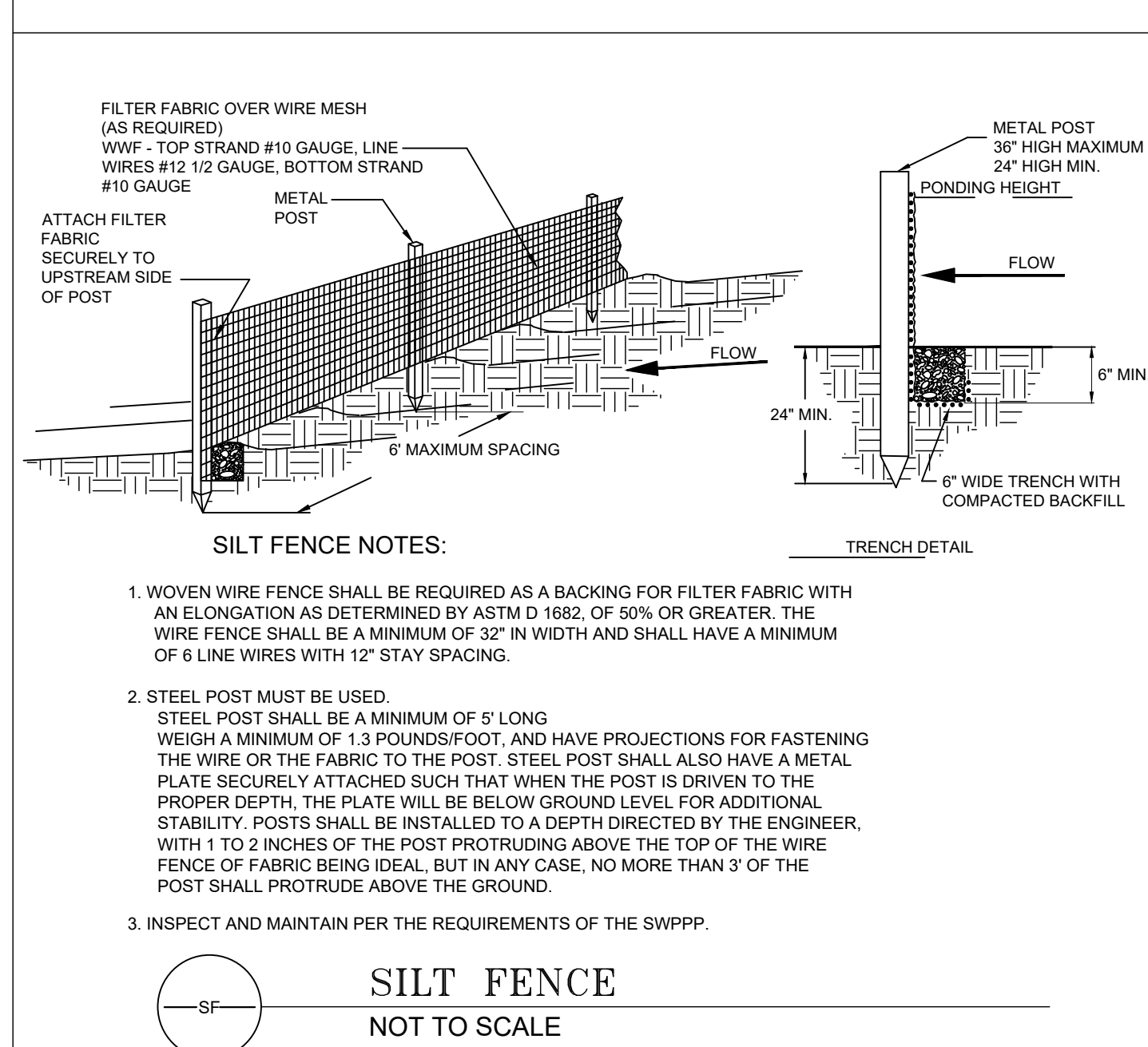
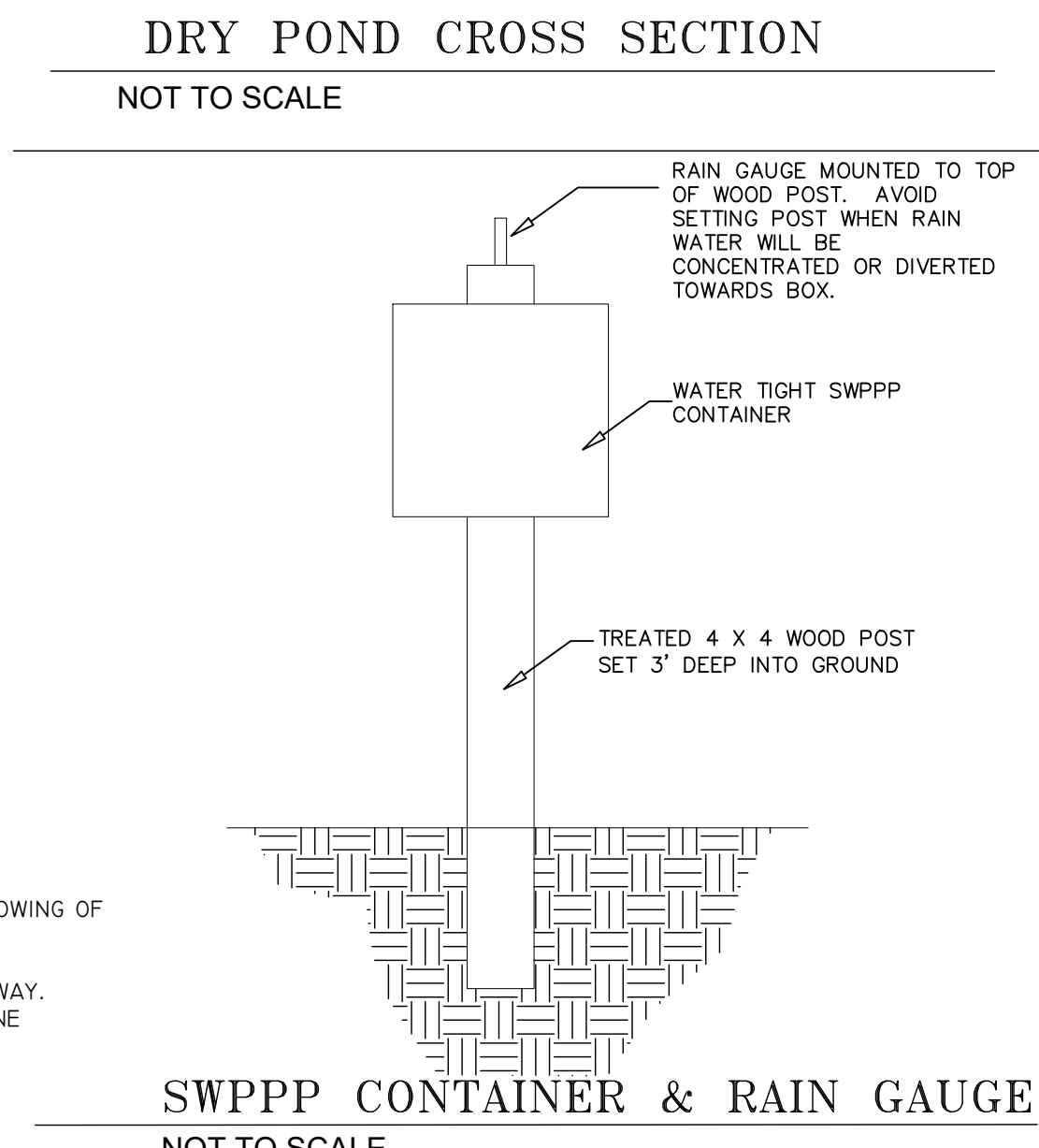
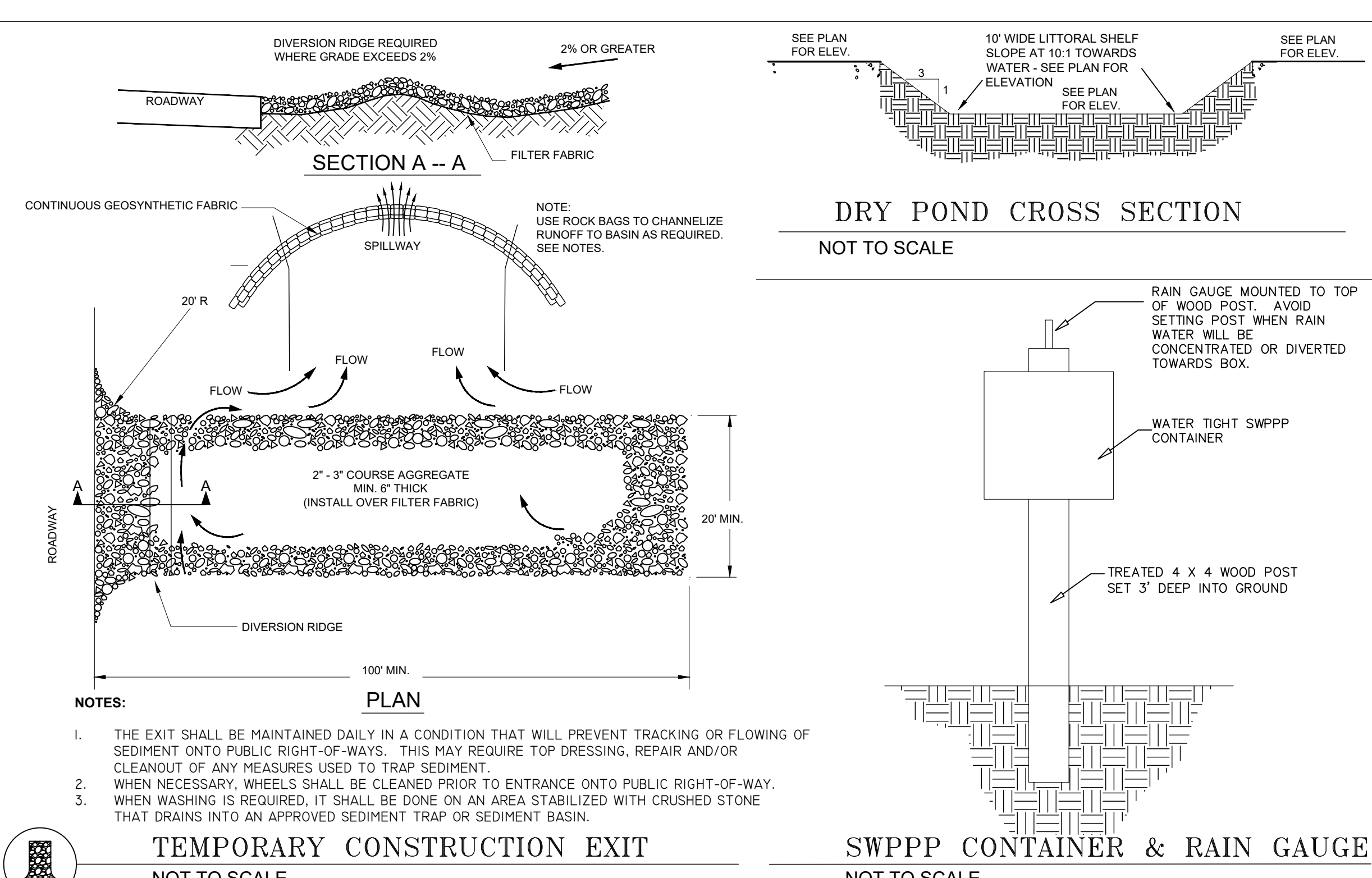
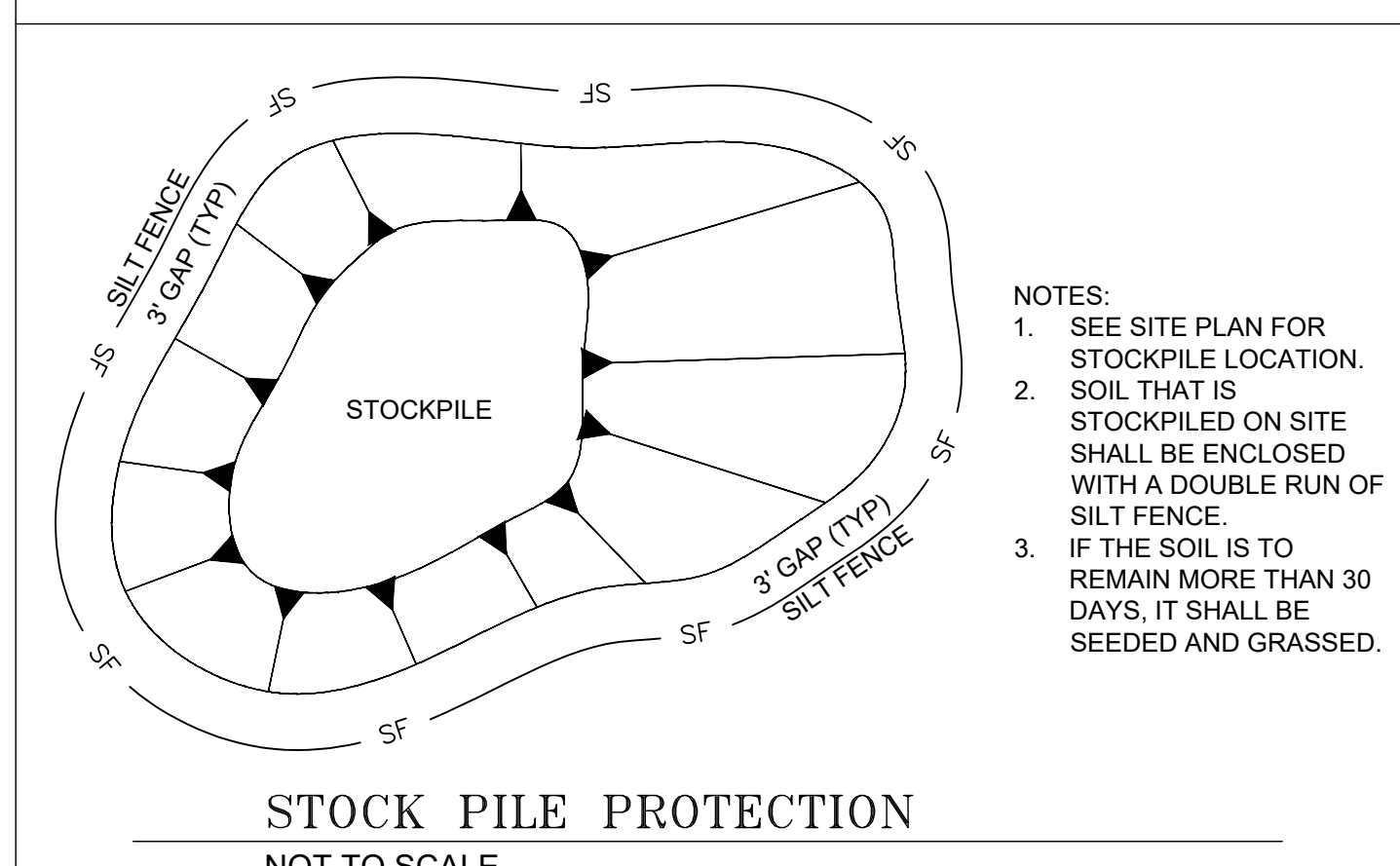
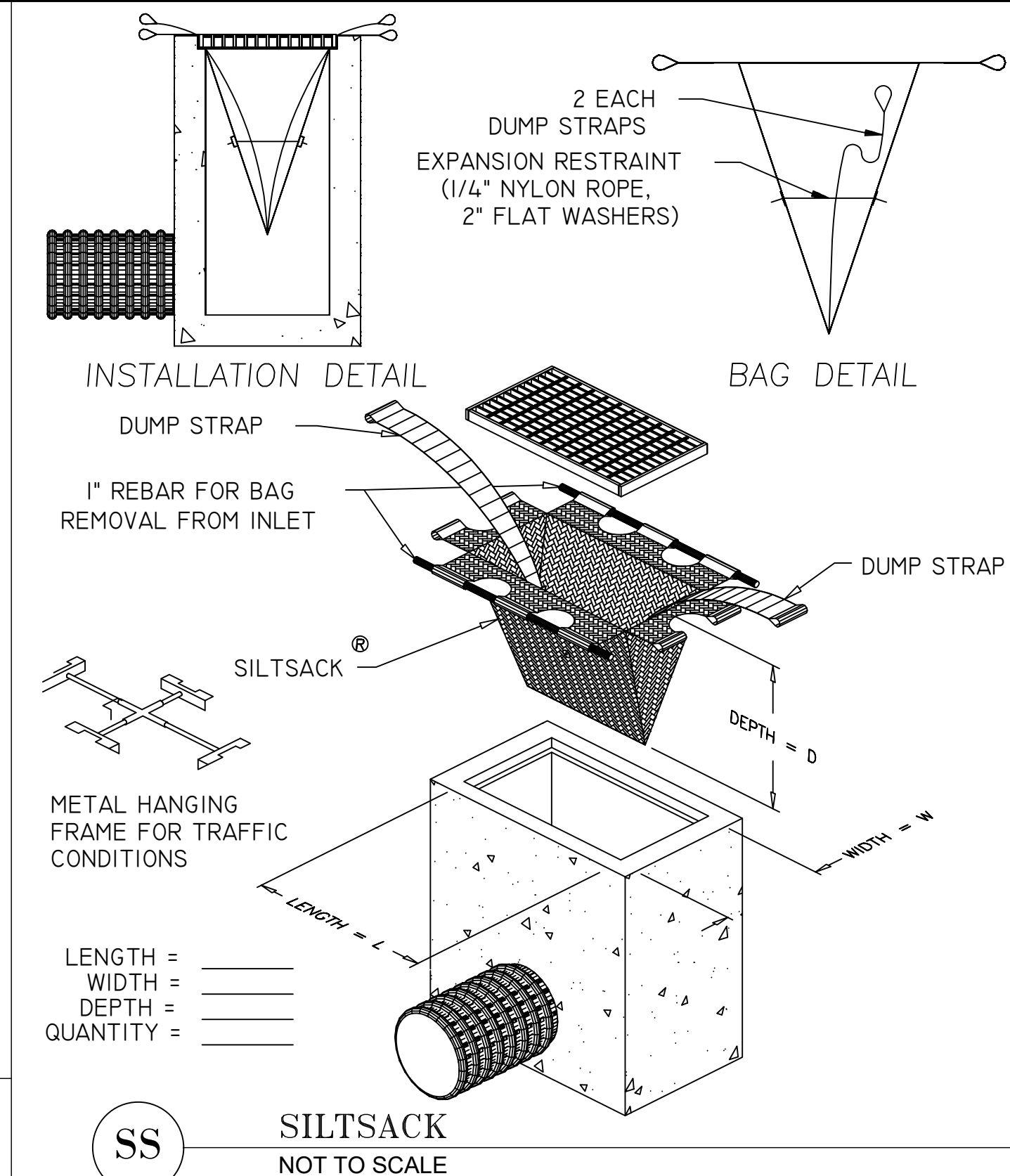
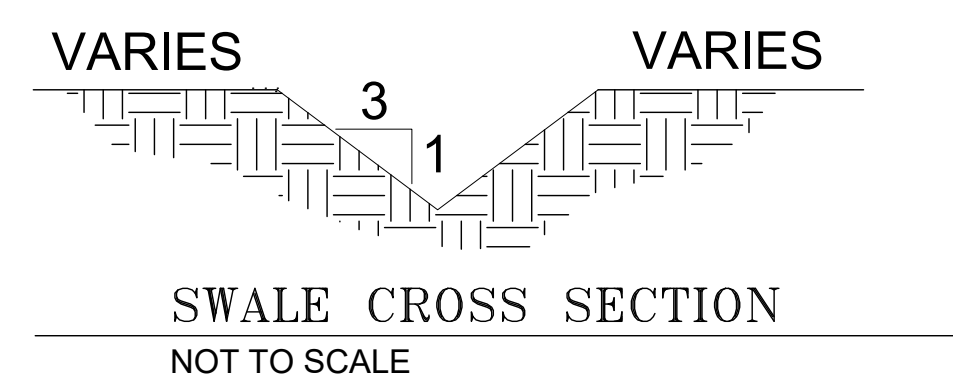
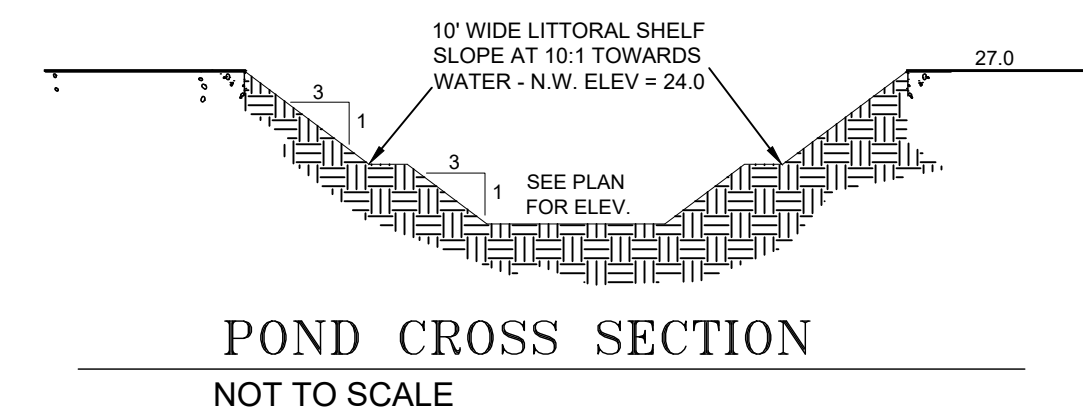
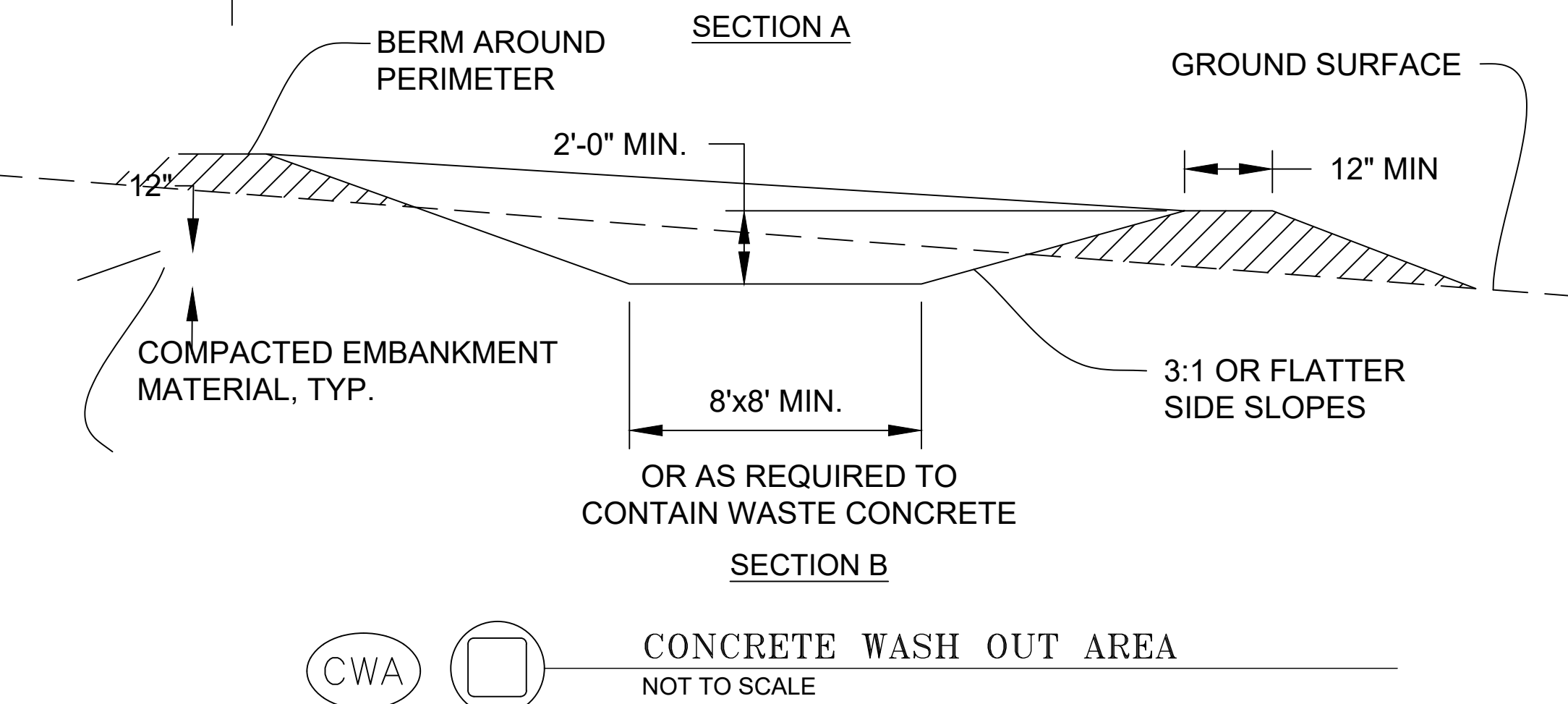
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 LOOP**  
 MYRTLE BEACH, SOUTH CAROLINA

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DRAWN BY:	JMM
CHECKED BY:	KJB
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SHEET CONTENTS	
	<b>SITE PLAN</b>
SHEET NO.	
	<b>C-203</b>



- WASHOUT AREA INSTALLATION NOTES**
1. SEE PLAN VIEW FOR: LOCATIONS OF CONCRETE WASHOUT AREA. (TO BE PLACED A MINIMUM OF 100' FROM DRAINAGEWAYS, BODIES OF WATER, AND INLETS.)
  2. THE CONCRETE WASHOUT AREA SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT ON SITE.
  3. SIGNS SHALL BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE WASHOUT AREA, AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT AREA TO OPERATORS OF CONCRETE TRUCKS AND PUMP RIGS.

- WASHOUT AREA MAINTENANCE NOTES**
1. THE CONCRETE WASHOUT AREA SHALL BE REPAIRED AND ENLARGED OR CLEANED OUT AS NECESSARY TO MAINTAIN CAPACITY FOR WASTED CONCRETE.
  2. AT THE END OF CONSTRUCTION, ALL CONCRETE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT AN APPROVED WASTE SITE.
  3. WHEN THE CONCRETE WASHOUT AREA IS REMOVED, THE DISTURBED AREA SHALL BE SEEDED AND MULCHED OR OTHERWISE STABILIZED AS REQUIRED BY LOCAL CODE.
  4. INSPECT WEEKLY, DURING AND AFTER ANY STORM EVENT.



**Mead & Hunt**  
 Mead & Hunt, Inc.  
 333 Wellness Drive  
 Myrtle Beach, SC 29579  
 phone: 843-839-1490  
 meadhunt.com

SOUTH CAROLINA  
 MEAD & HUNT, INC.  
 No. C04334  
 8-19-2021

SOUTH CAROLINA  
 PROFESSIONAL ENGINEER  
 No. 20516  
 JEFFREY M. WILKINSON

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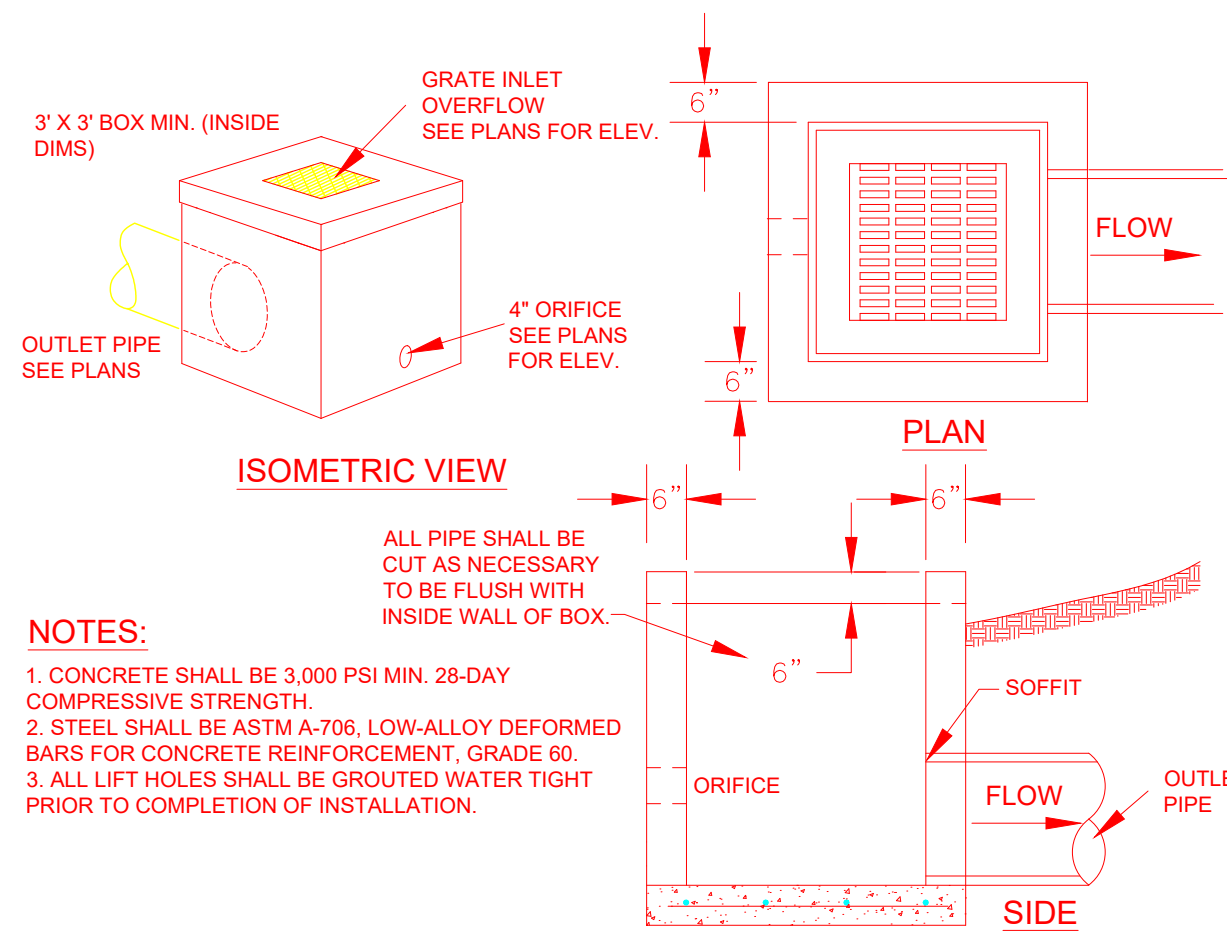
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**DETAILS**

SHEET NO.

**C-300**

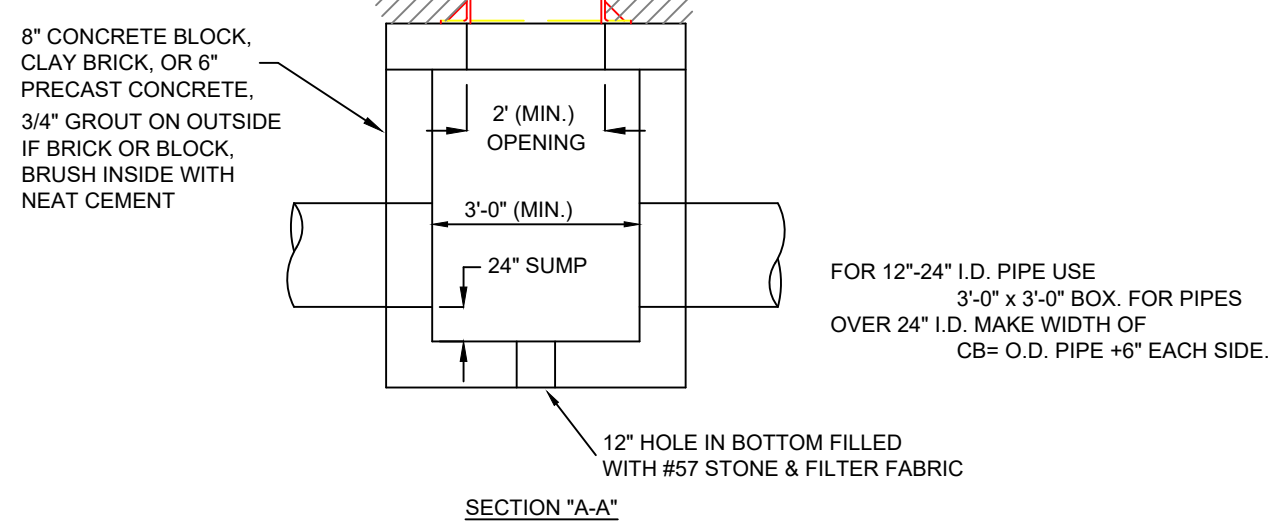
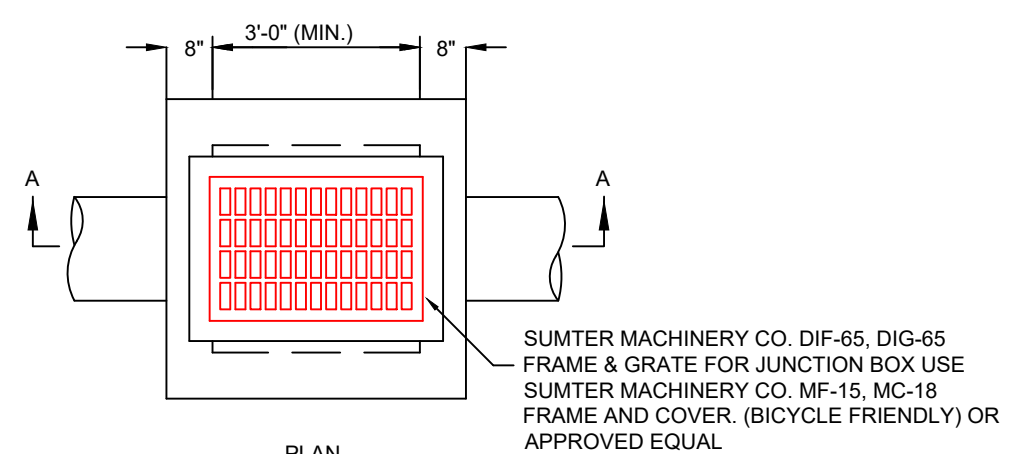
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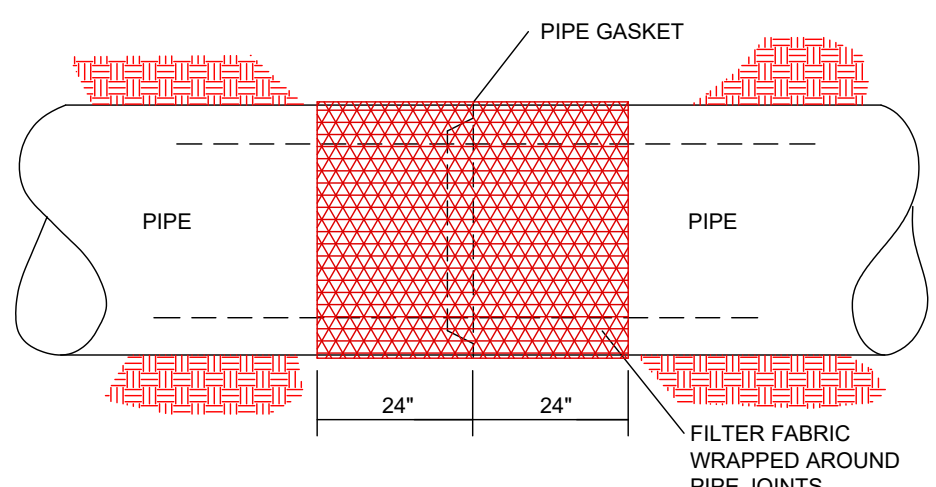


- NOTES:**
1. CONCRETE SHALL BE 3,000 PSI MIN. 28-DAY COMPRESSIVE STRENGTH.
  2. STEEL SHALL BE ASTM A-706, LOW-ALLOY DEFORMED BARS FOR CONCRETE REINFORCEMENT, GRADE 60.
  3. ALL LIFT HOLES SHALL BE GROUTED WATER TIGHT PRIOR TO COMPLETION OF INSTALLATION.

**OUTLET STRUCTURE A (OS A)**  
NO SCALE

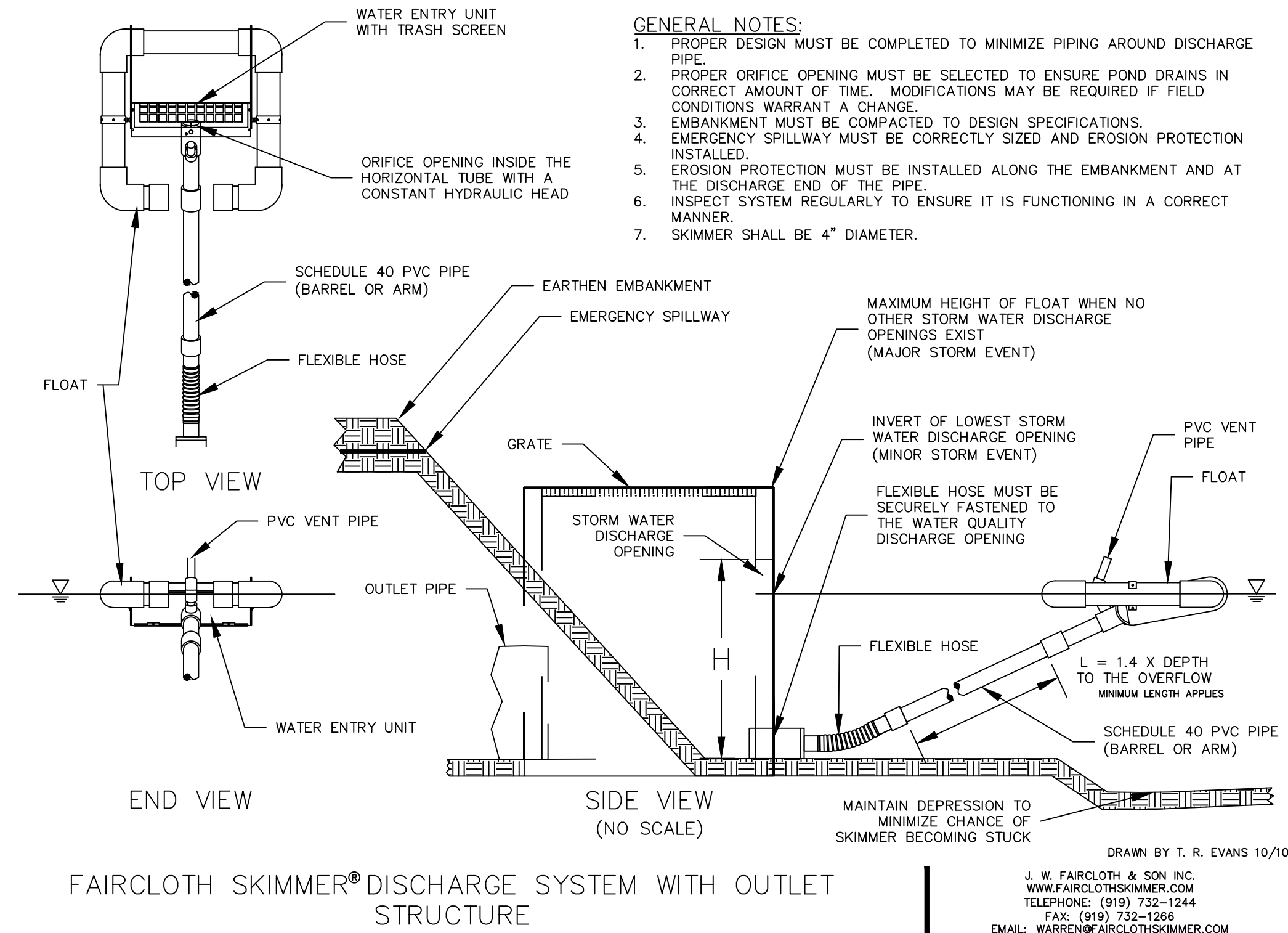


**CATCH BASIN / JUNCTION BOX**  
NOT TO SCALE



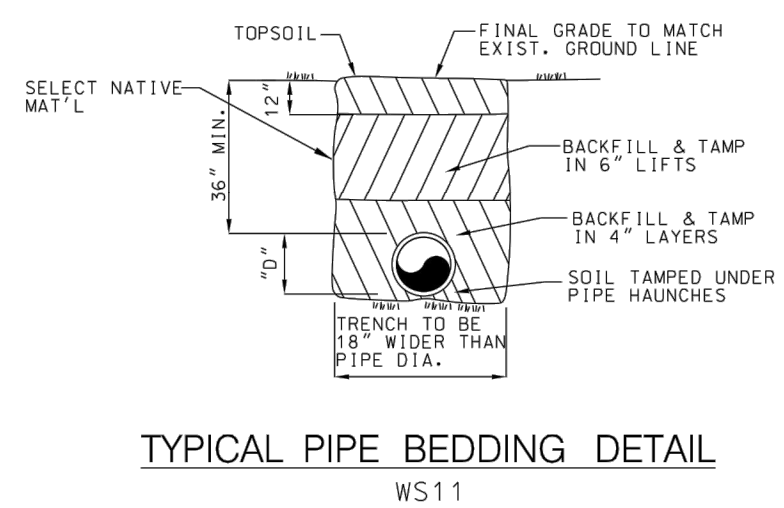
- NOTE:**
1. PIPE OUTLET SHALL BE CONNECTED INTO DRAINAGE STRUCTURES.
  2. FILTER FABRIC SHALL MEET SCDOT STANDARD SPECIFICATIONS, SECTION 815.
  3. SEE ADS SPECIFICATIONS AND DETAILS FOR REQUIREMENTS.

**PIPE JOINT WRAP**  
NOT TO SCALE

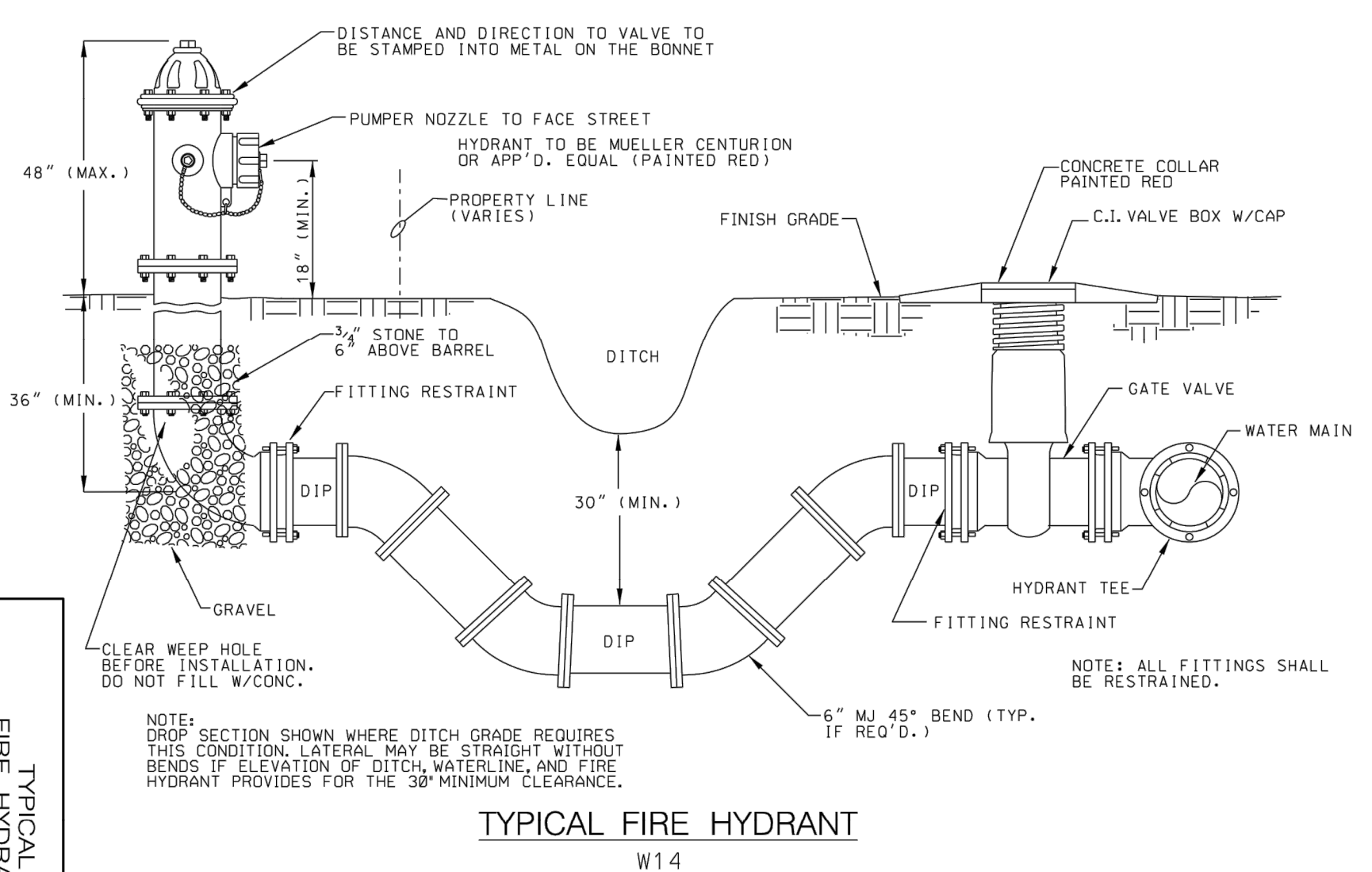
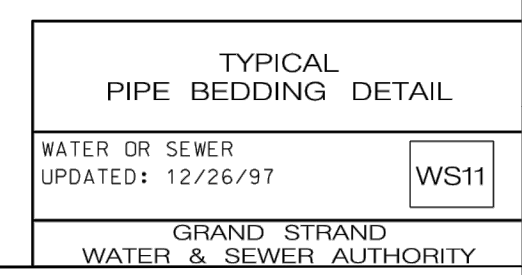


- GENERAL NOTES:**
1. PROPER DESIGN MUST BE COMPLETED TO MINIMIZE PIPING AROUND DISCHARGE PIPE.
  2. PROPER ORIFICE OPENING MUST BE SELECTED TO ENSURE POND DRAINS IN CORRECT AMOUNT OF TIME. MODIFICATIONS MAY BE REQUIRED IF FIELD CONDITIONS WARRANT A CHANGE.
  3. EMBANKMENT MUST BE COMPACTED TO DESIGN SPECIFICATIONS.
  4. EMERGENCY SPILLWAY MUST BE CORRECTLY SIZED AND EROSION PROTECTION INSTALLED.
  5. EROSION PROTECTION MUST BE INSTALLED ALONG THE EMBANKMENT AND AT THE DISCHARGE END OF THE PIPE.
  6. INSPECT SYSTEM REGULARLY TO ENSURE IT IS FUNCTIONING IN A CORRECT MANNER.
  7. SKIMMER SHALL BE 4\"/>

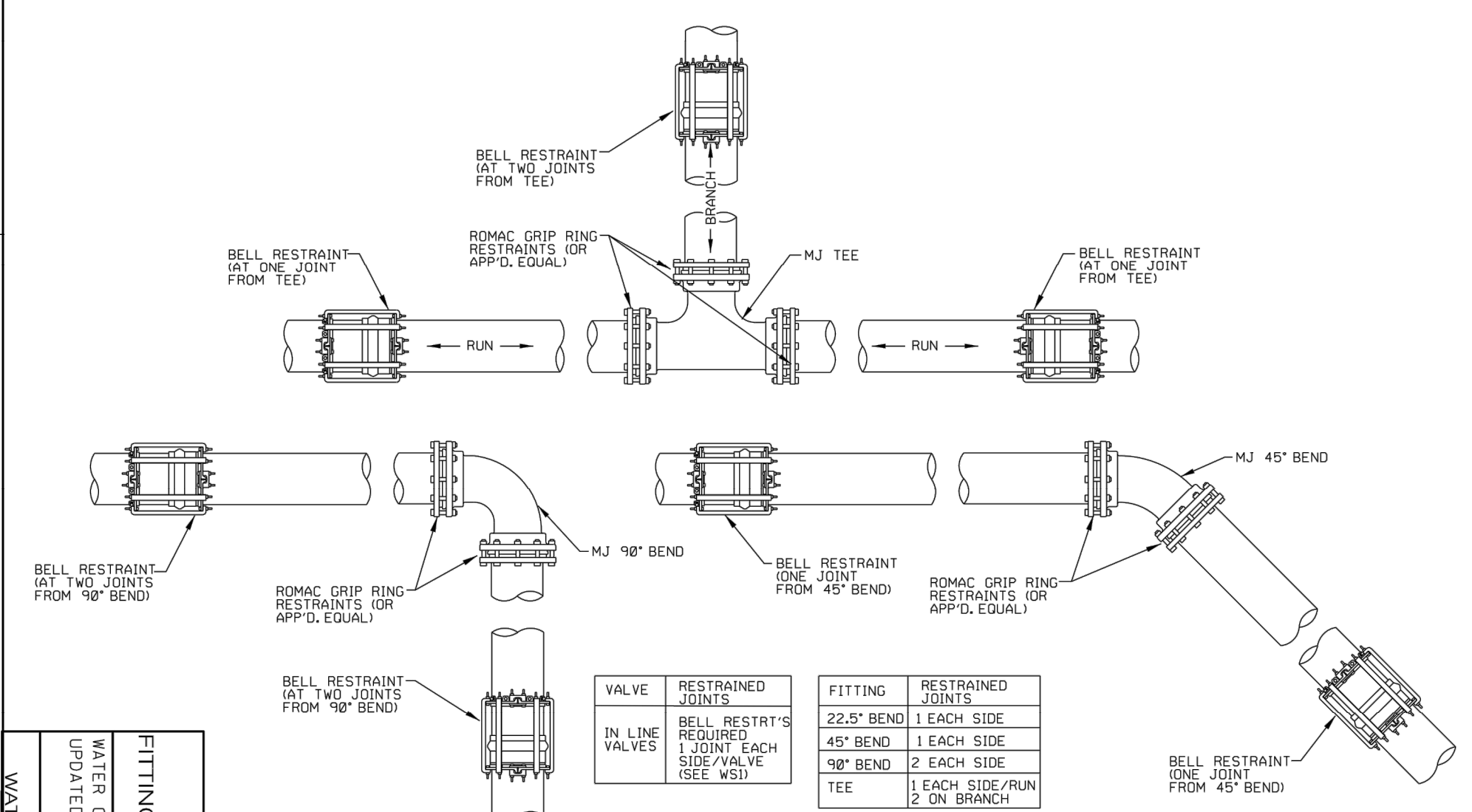
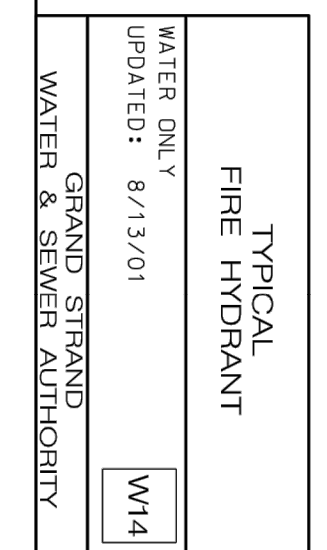
**FAIRCLOTH SKIMMER® DISCHARGE SYSTEM WITH OUTLET STRUCTURE**  
DRAWN BY T. R. EVANS 10/10  
J. W. FAIRCLOTH & SON INC.  
WWW.FAIRCLOTHSKIMMER.COM  
TELEPHONE: (919) 732-1244  
FAX: (919) 732-1266  
EMAIL: WARREN@FAIRCLOTHSKIMMER.COM



**TYPICAL PIPE BEDDING DETAIL**  
WS11

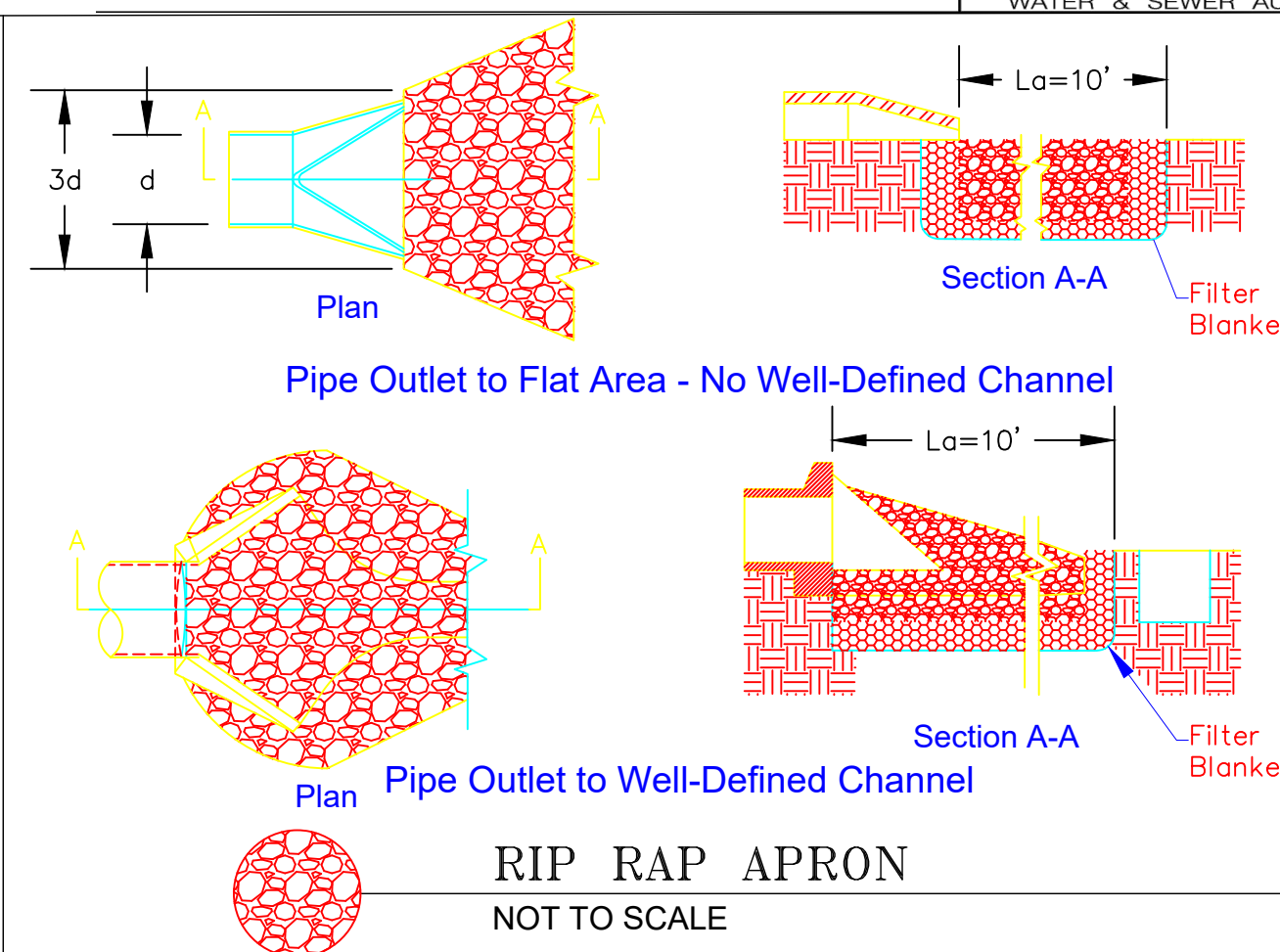
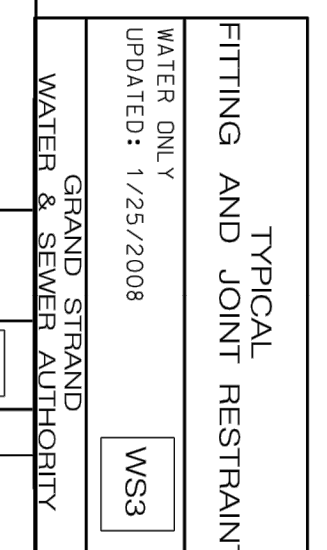


**TYPICAL FIRE HYDRANT**  
W14

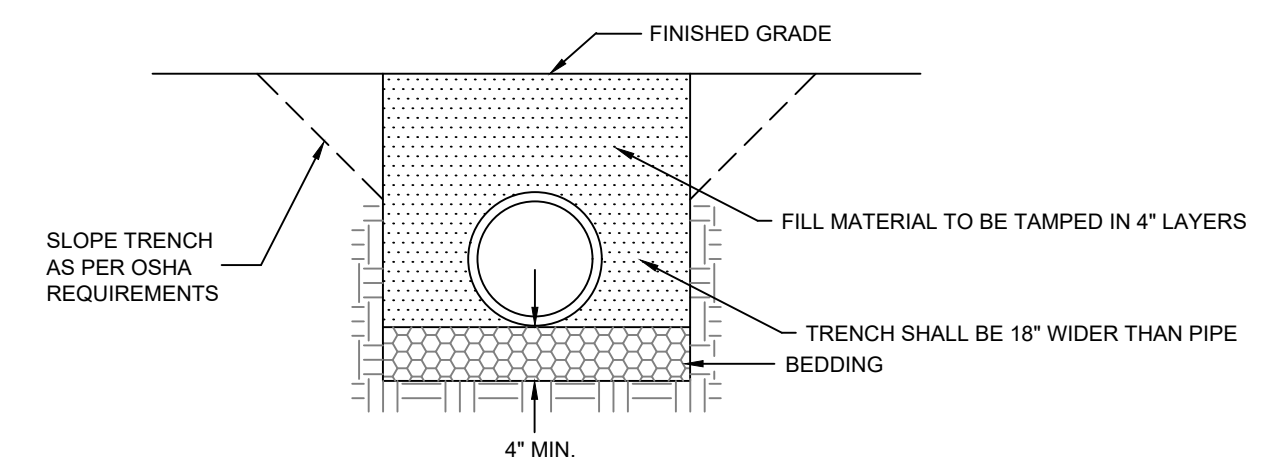


- NOTES:**
1. TABLE OF NO. OF RESTRAINTS REQUIRED ARE FOR SIZES THROUGH 12\"/>
  2. PER GSWA STANDARDS, MATERIAL APPROVAL THRU THE SUBMITTAL PROCESS ARE REQUIRED PRIOR TO ANY INSTALLATIONS.
  3. PIPE BELL RESTRAINTS ARE REQUIRED TO BE INSTALLED ON THE TWO JOINTS (MINIMUM) IMMEDIATELY FOLLOWING THE PE/MJ ADAPTERS ON EACH END OF HOPE PIPE.

**TYPICAL FITTING AND JOINT RESTRAINT**  
WS3

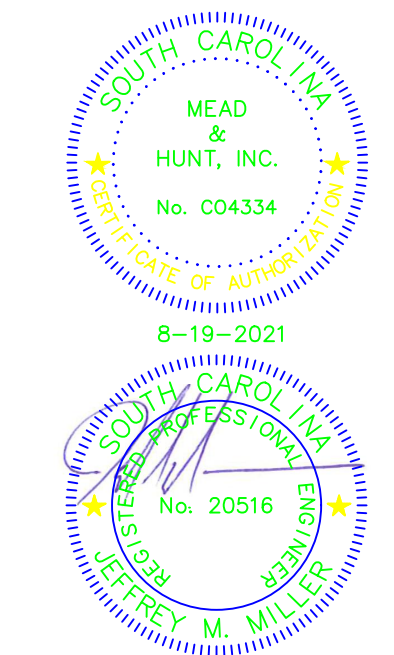


**RIP RAP APRON**  
NOT TO SCALE



- NOTES:**
1. BEDDING SHALL BE COMPACTED CRUSHED STONE (CLASS 1 MATERIAL) SHAPED TO THE BOTTOM OF THE PIPE.
  2. SELECT FILL SHALL BE NATIVE MATERIAL FREE OF LARGE ROCKS, DEBRIS OR ORGANICS AND PLACED IN 4\"/>

**PIPE BEDDING**  
NOT TO SCALE



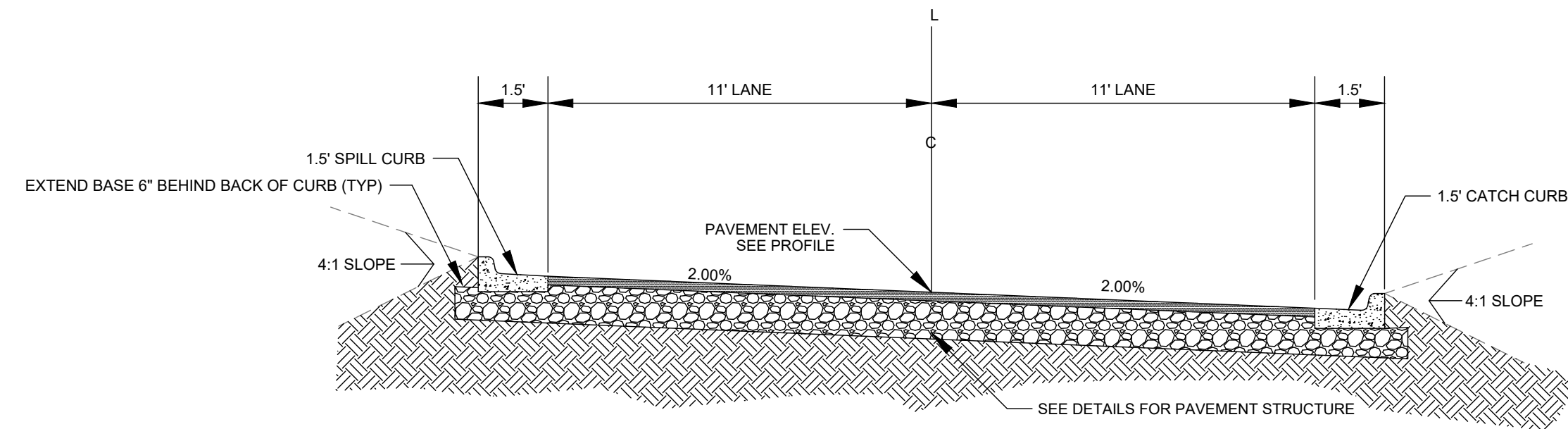
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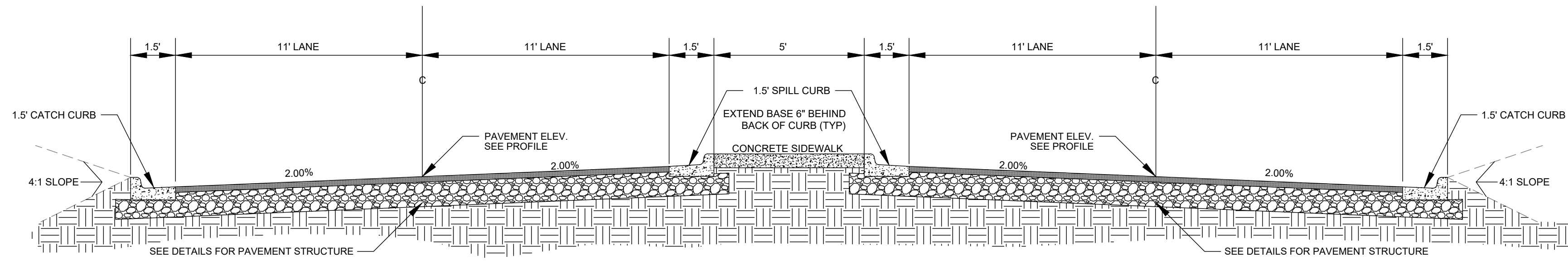
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**DETAILS**

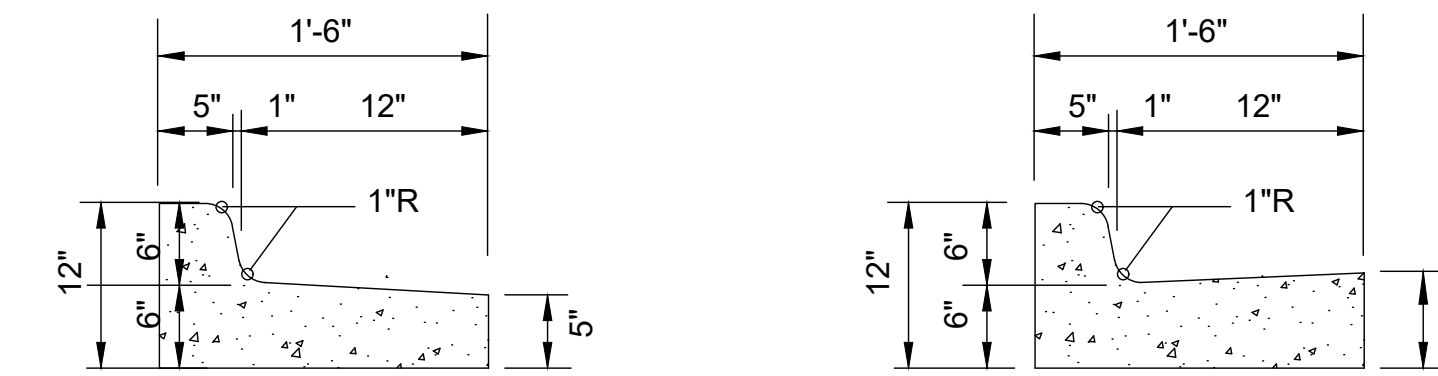
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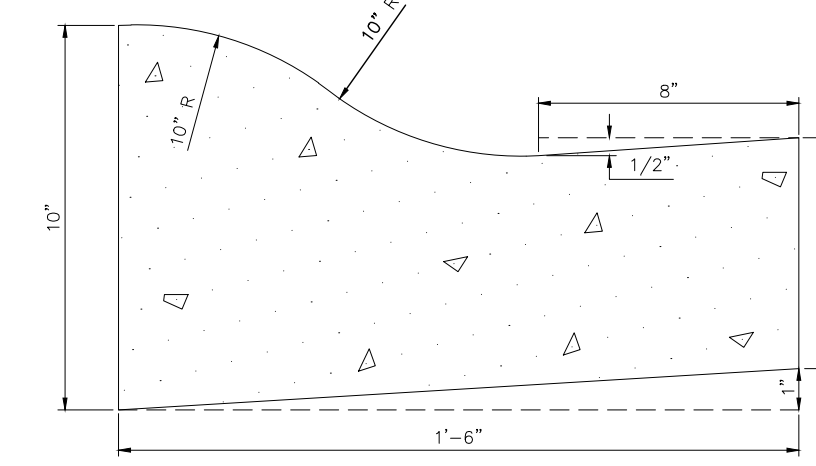
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NOT TO SCALE



TYPICAL ROAD SECTION  
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NOT TO SCALE



SECTION USED WHERE FLOW DIRECTION IS AWAY FROM CURB. SECTION USED WHERE FLOW DIRECTION IS TOWARDS CURB

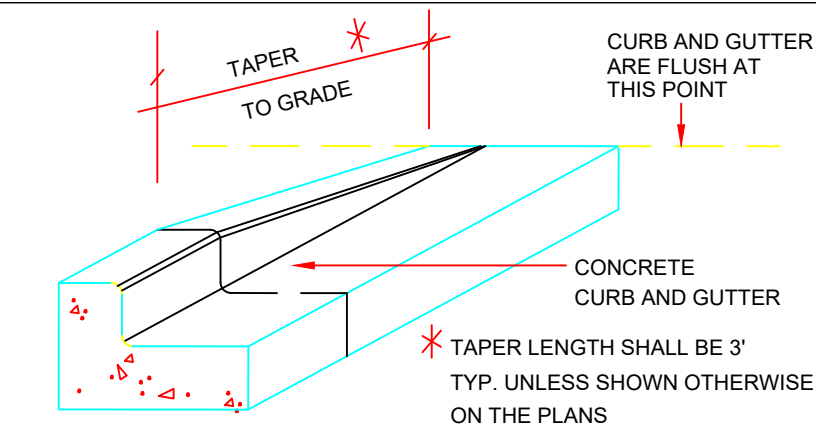


SECTION USED WHERE MOUNTABLE ROLL CURB IS USED

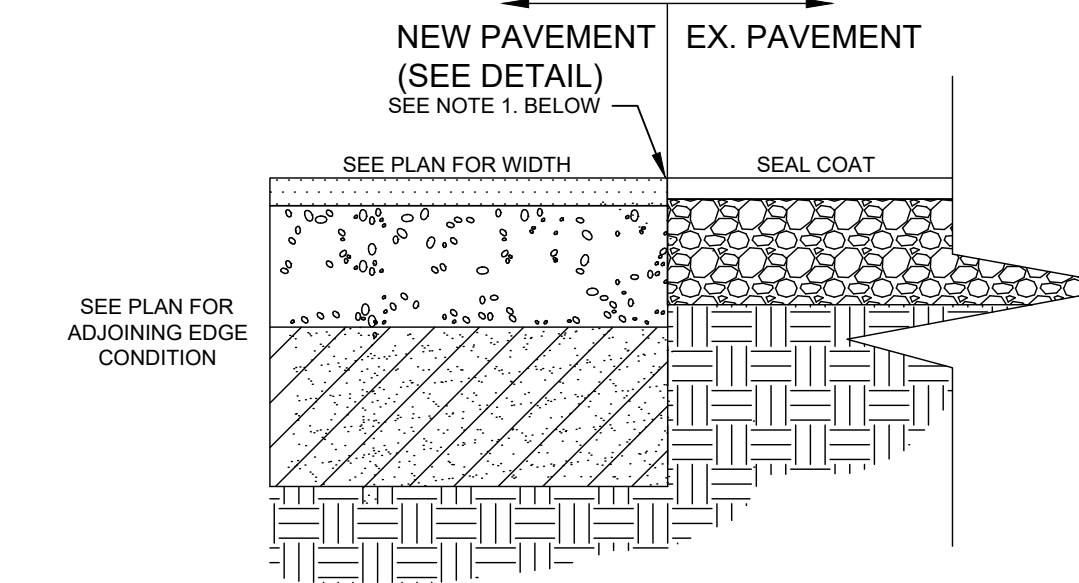
NOTES

1. CONCRETE SHALL BE FIBER REINFORCED AND SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI. MAXIMUM AGGREGATE SIZE SHALL BE 1/2" DIAMETER.
2. CONTROL JOINTS SHALL BE PLACED AT 8' O.C. MAX. EXPANSION JOINTS SHALL BE PLACED AT 32' O.C. MAX.

CURB AND GUTTER DETAILS  
NOT TO SCALE



CONCRETE CURB TAPER  
NOT TO SCALE



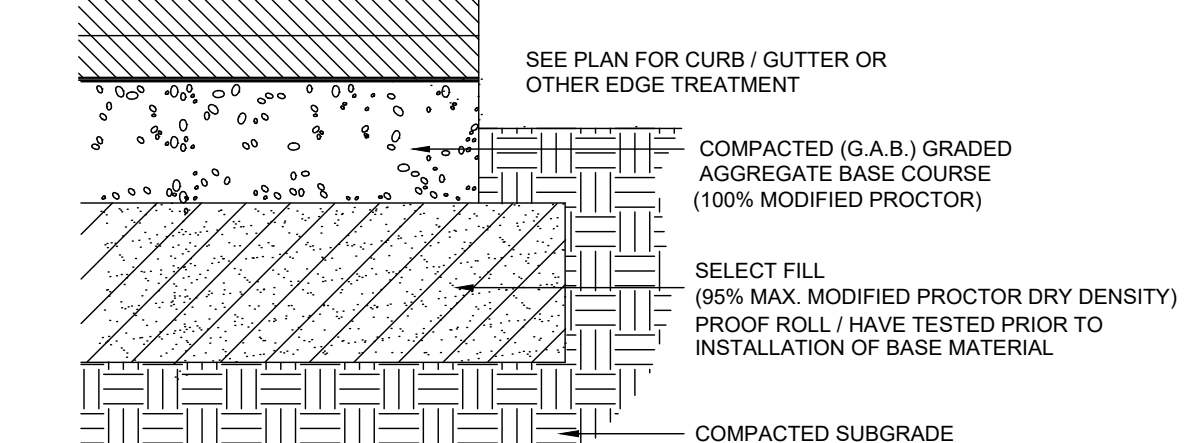
PAVEMENT SECTION BELOW FOR NEW PAVEMENT

NOTES

1. NEATLY SAW CUT EXISTING PAVEMENT EDGE AND CREATE VERTICAL EDGE ALONG FACE OF EXISTING BASE MATERIAL FOR NEW PAVEMENT AND BASE TO ADJUT
2. CONTRACTOR IS RESPONSIBLE FOR 811 AND PRIVATE UTILITY LOCATES AND RESPONSIBLE FOR REPAIRS TO ANY DAMAGED UTILITIES
3. DO NOT SEAL COAT EX. PAVEMENT UNTIL ALL PAVING OPERATIONS ARE COMPLETE AND APPROVED BY ENGINEER.

FIRE LANE PAVEMENT WIDENING  
NOT TO SCALE

SURFACE COURSE (TYPE C) INSTALLED AND COMPACTED PER SOUTH CAROLINA DEPT. TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION 2007 EDITION.



PAVEMENT

1.5" TYPE C SURFACE COURSE / 1.5" TYPE C INTERMEDIATE COURSE / 6" GABC BASE COURSE

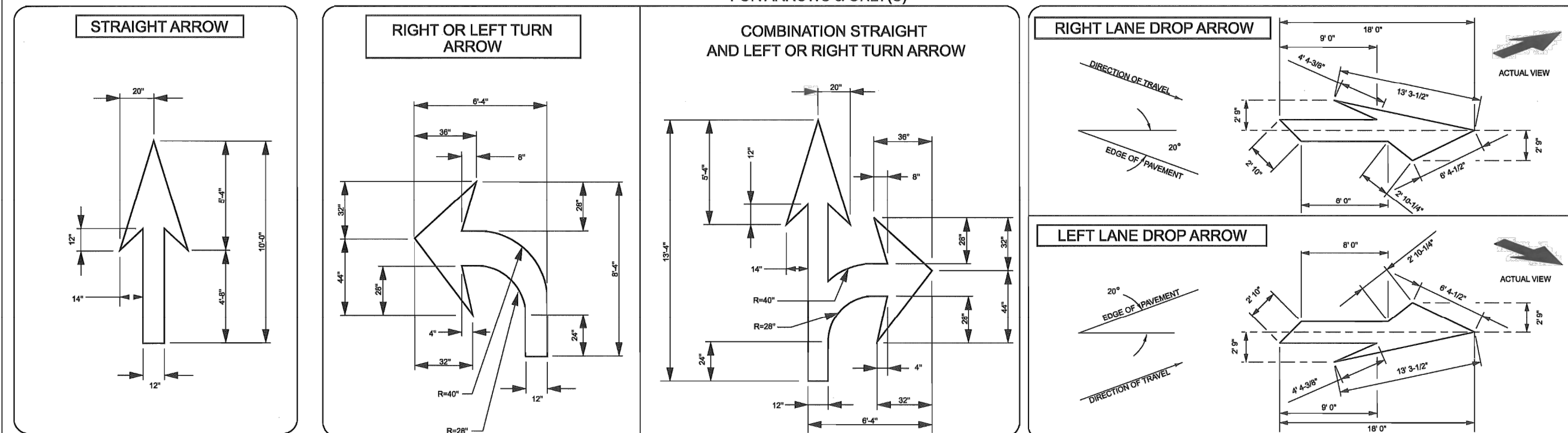
NOTES

1. ALL MATERIALS SHALL MEET APPLICABLE STANDARDS SET FORTH IN THE SCDOT CONSTRUCTION STANDARDS, 2007 EDITION.
2. SUB-BASE SHALL BE FREE OF ALL ROCKS AND DEBRIS LARGER THAN 1" DIAMETER. CERTIFIED COMPACTION TESTS MUST BE SUBMITTED TO ENGINEER PRIOR TO APPLICATION OF BASE MATERIAL.
3. SEE PROVIDED GEOTECHNICAL REPORT FOR APPROVED FILL MATERIALS.
4. SUBGRADE SHALL BE GRADED AND SLOPED TOWARD DRAINAGE STRUCTURES AND DITCHES TO PREVENT THE ENTRAPMENT OF WATER WITHIN SUB-BASE AND BASE MATERIAL. SUBGRADE SHALL BE INSPECTED AND APPROVED BY OWNERS REPRESENTATIVE PRIOR TO THE INSTALLATION OF SUB-BASE.
5. PAVEMENT SECTION PROVIDED BY TERRACON CONSULTANTS - GEOTECHNICAL REPORT LAKEWOOD ELEMENTARY SCHOOL, MYRTLE BEACH, SOUTH CAROLINA - DATED NOVEMBER 24, 2020 - TERRACON PROJECT NUMBER ER205020.

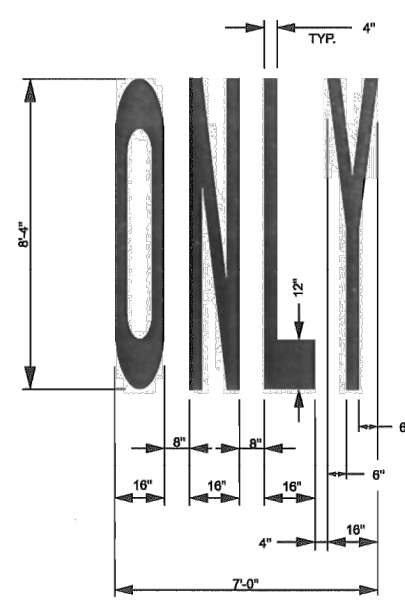
ASPHALT PAVEMENT SECTION  
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STANDARD PAVEMENT MARKINGS

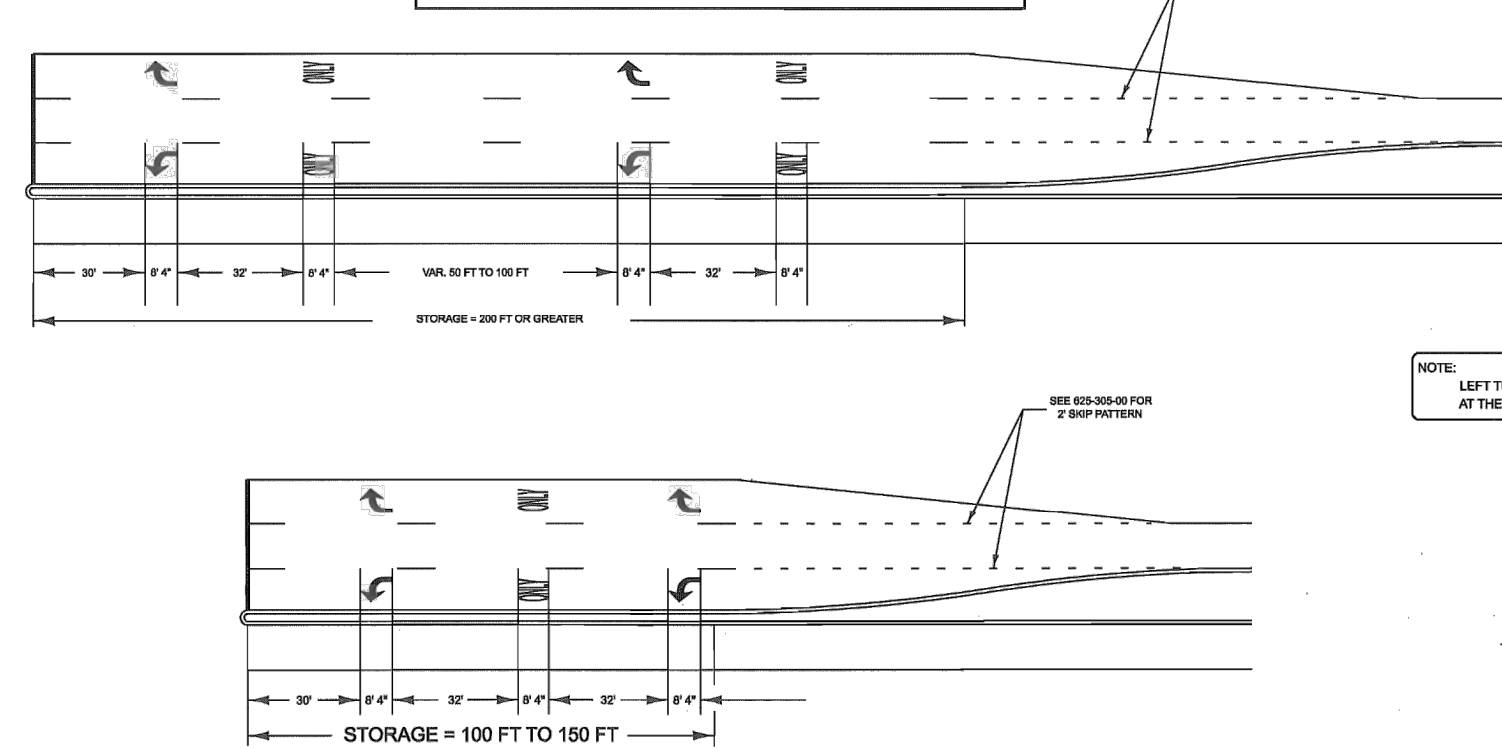
FOR ARROWS & ONLY(S)



"ONLY"



RIGHT OR LEFT TURN MARKINGS APPLICATION



NOTE: LEFT TURN ARROWS MAY BE OMITTED AT THE DISCRETION OF THE ENGINEER.

REFERENCES

SIGNING AND MARKING ENGINEER



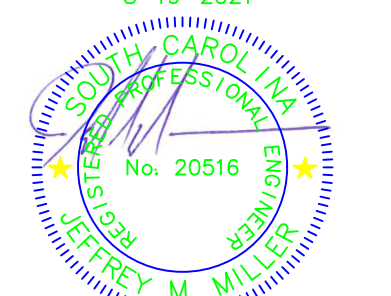
1-20-09  
DATE

#	DATE	CHK	DESCRIPTION
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5			
4			
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2			
1			

STANDARD DRAWING

FOR ARROWS & ONLY(S)

625-410-00  
EFFECTIVE LETTING DATE: MAY 2009



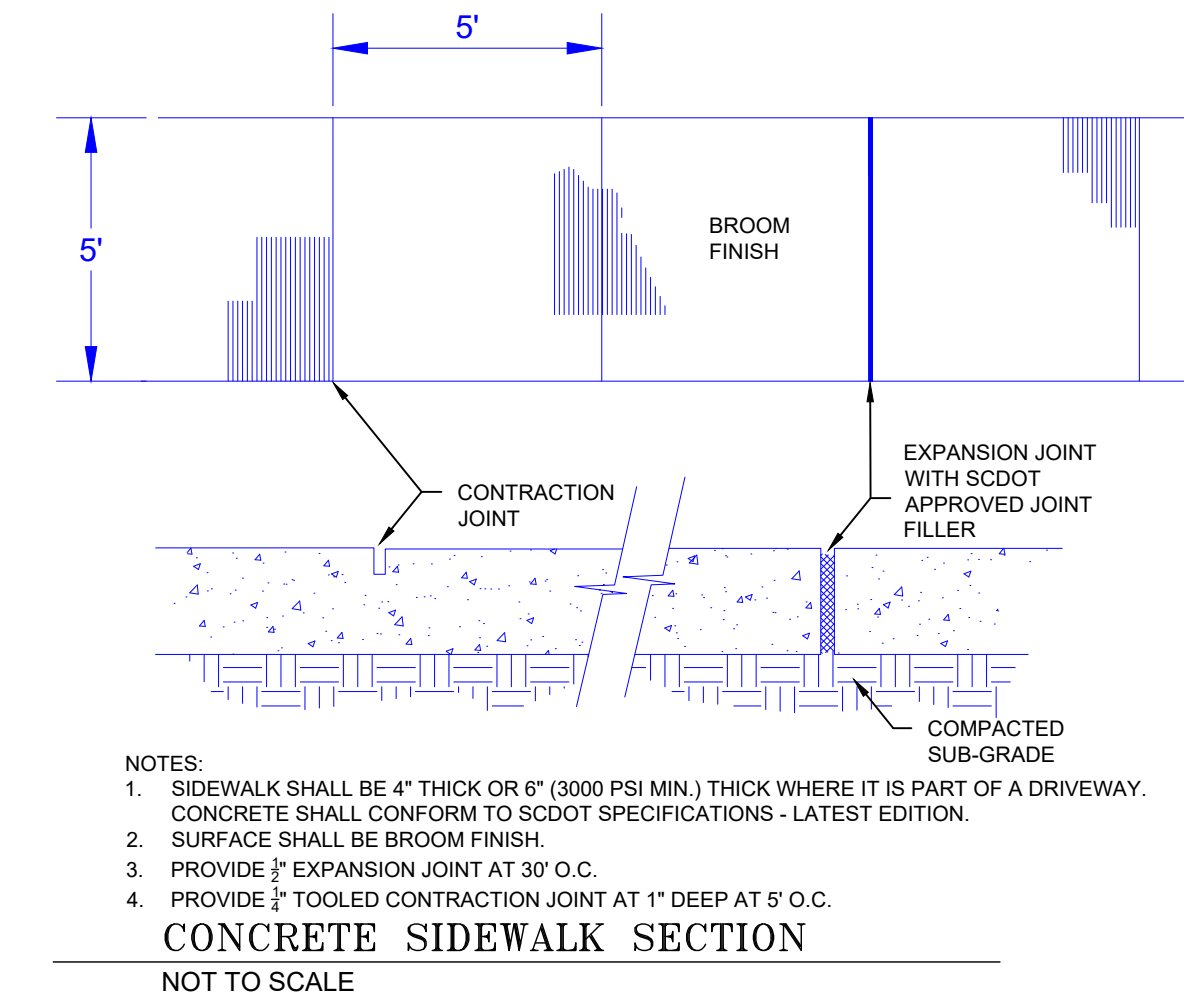
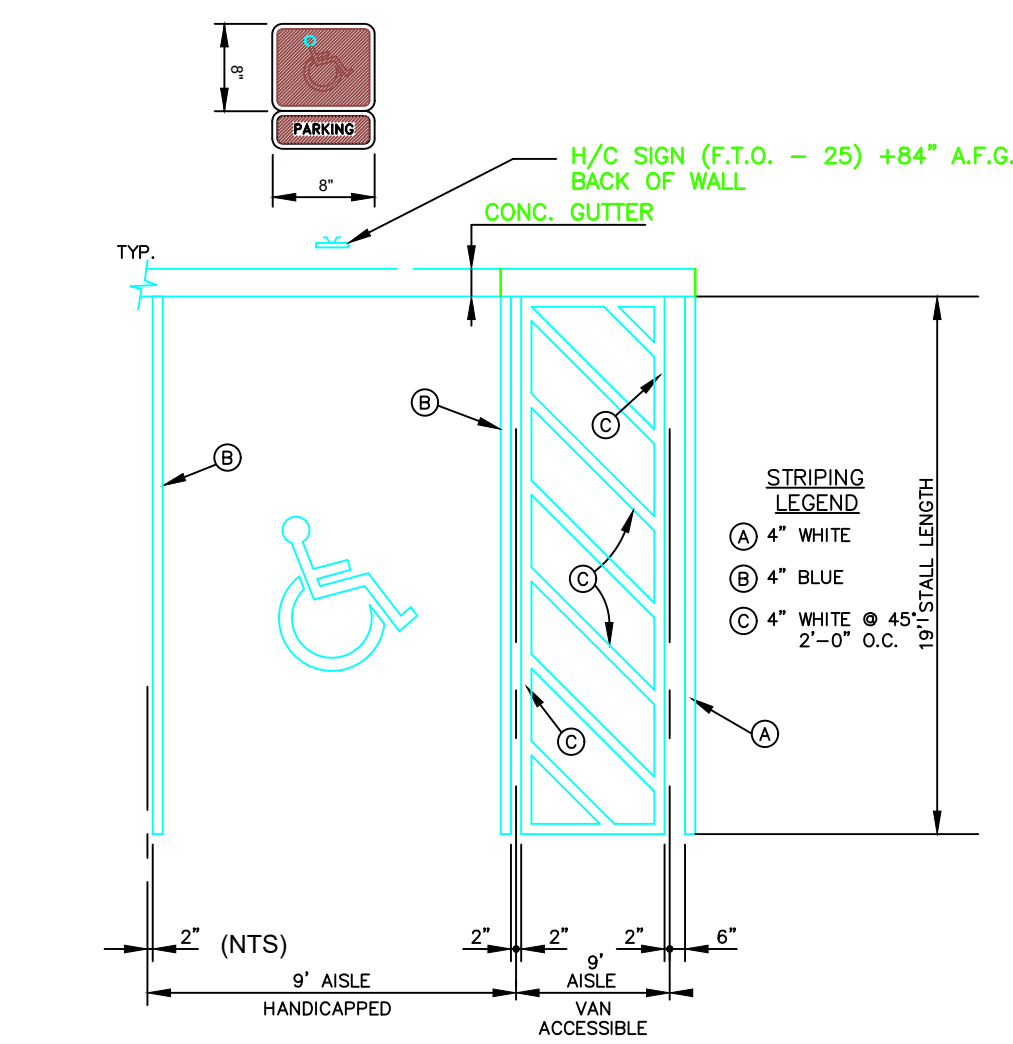
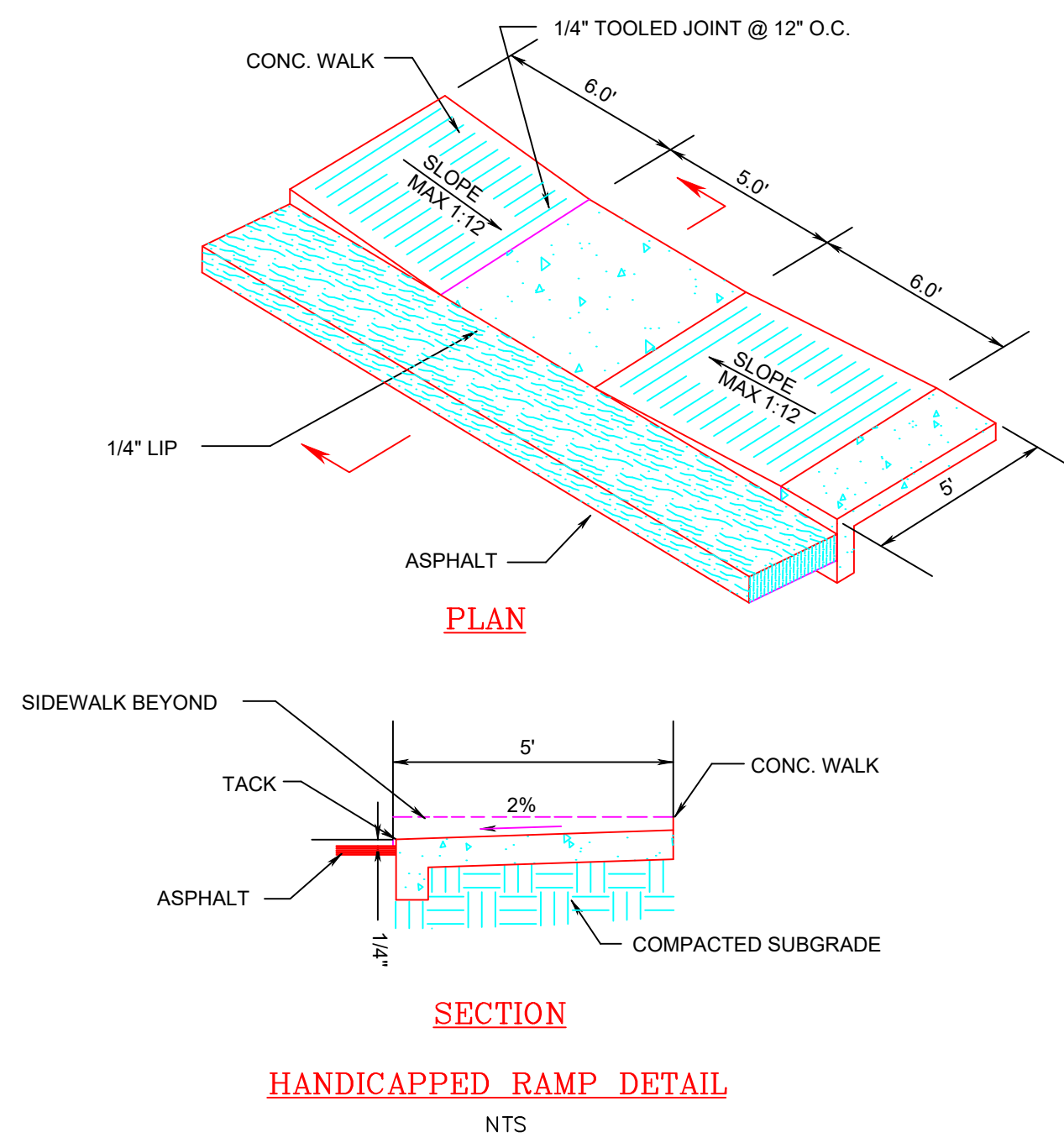
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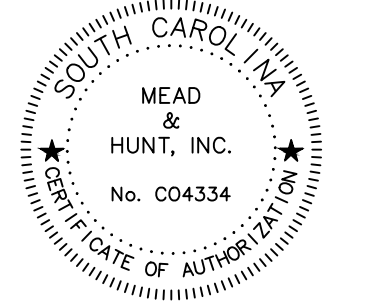
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**DETAILS**

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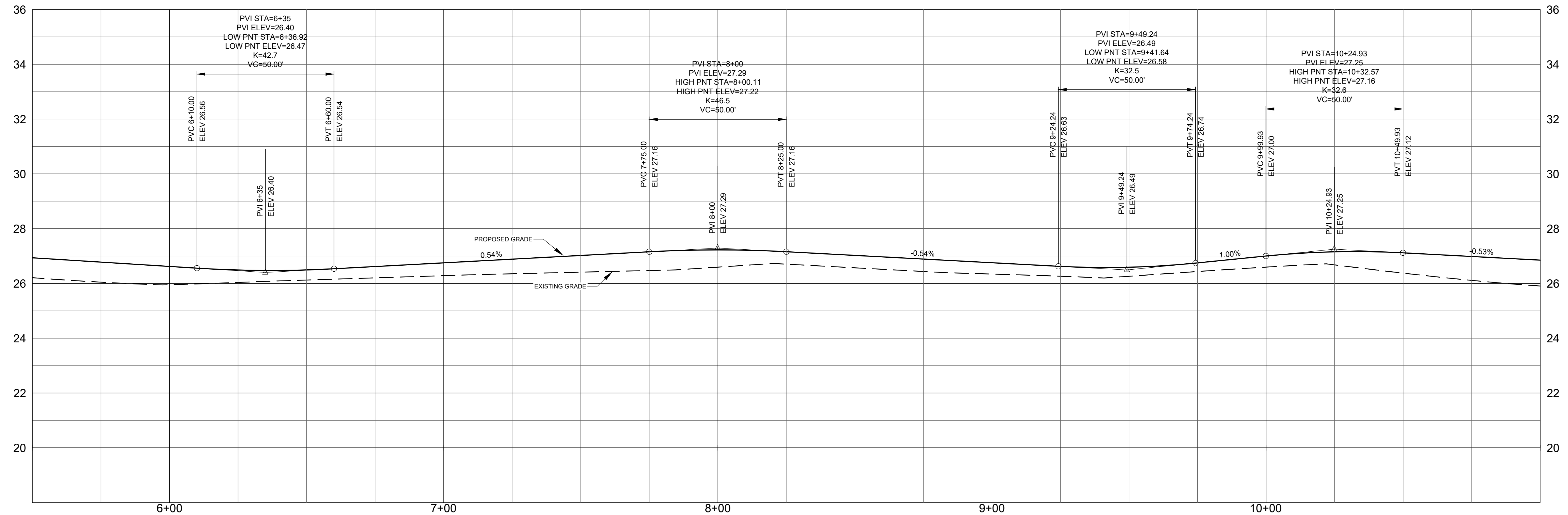
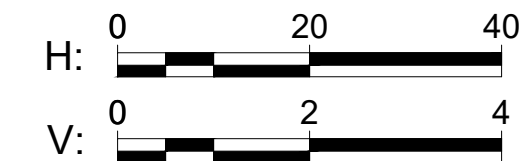
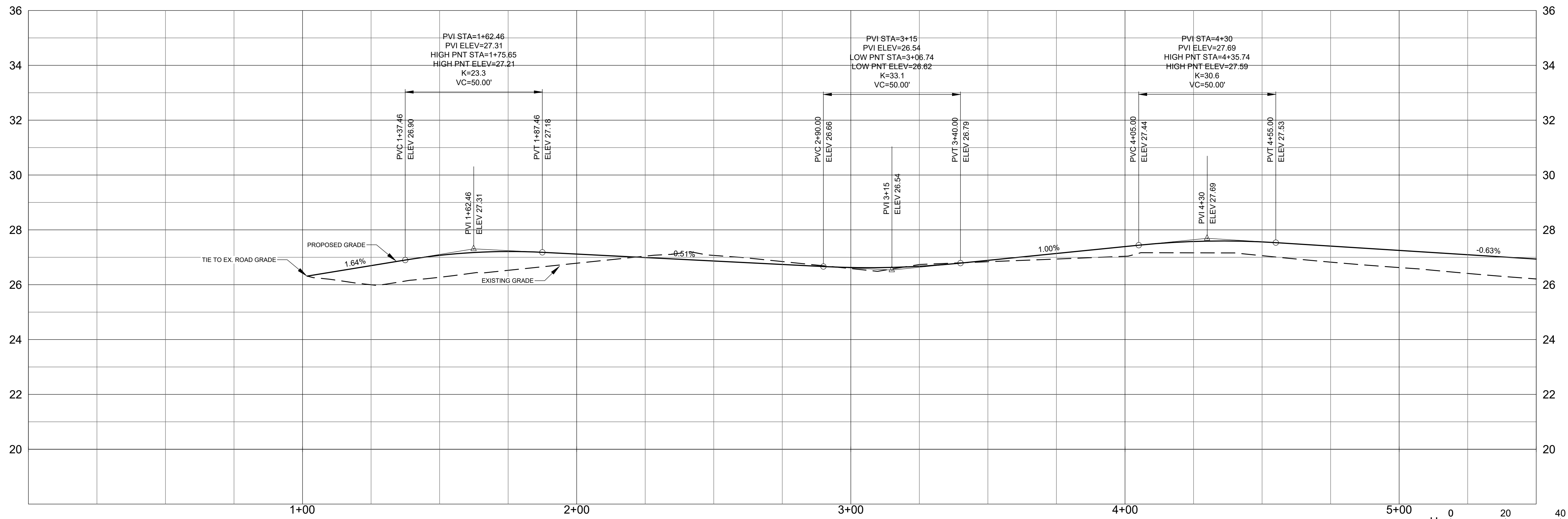
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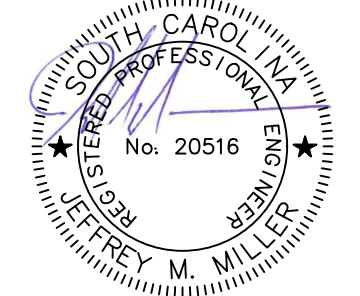
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**C-400**





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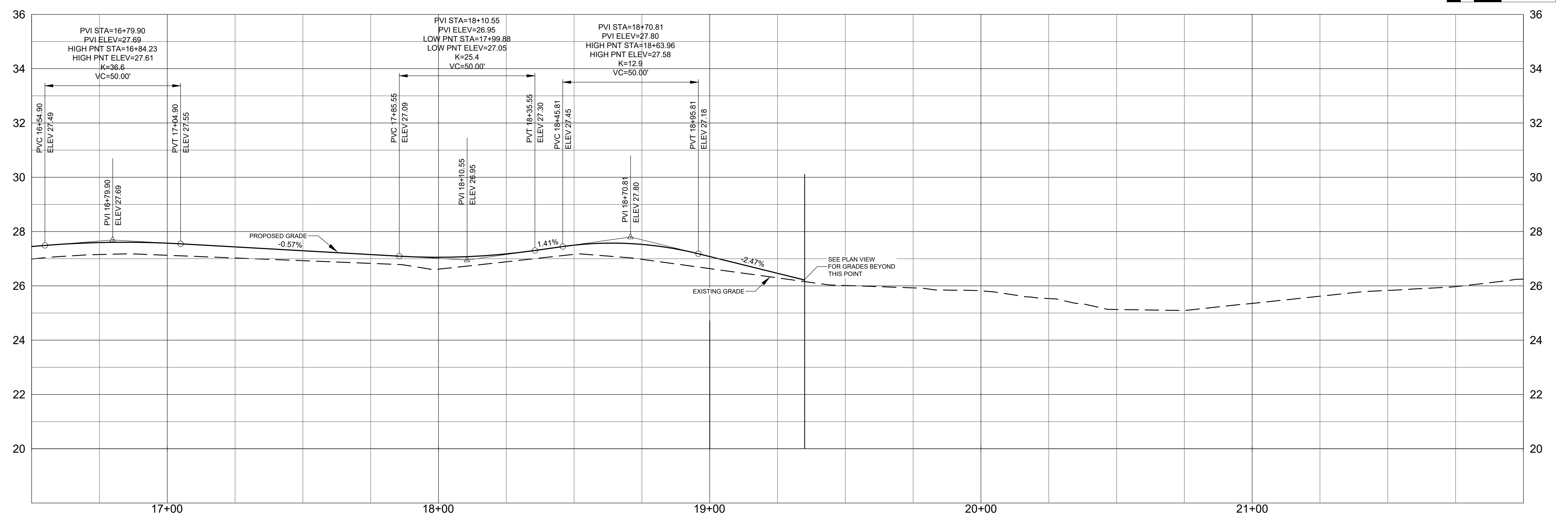
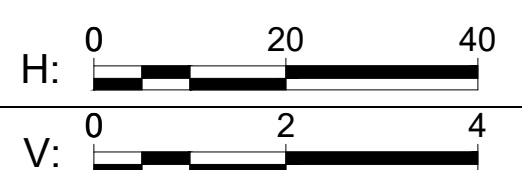
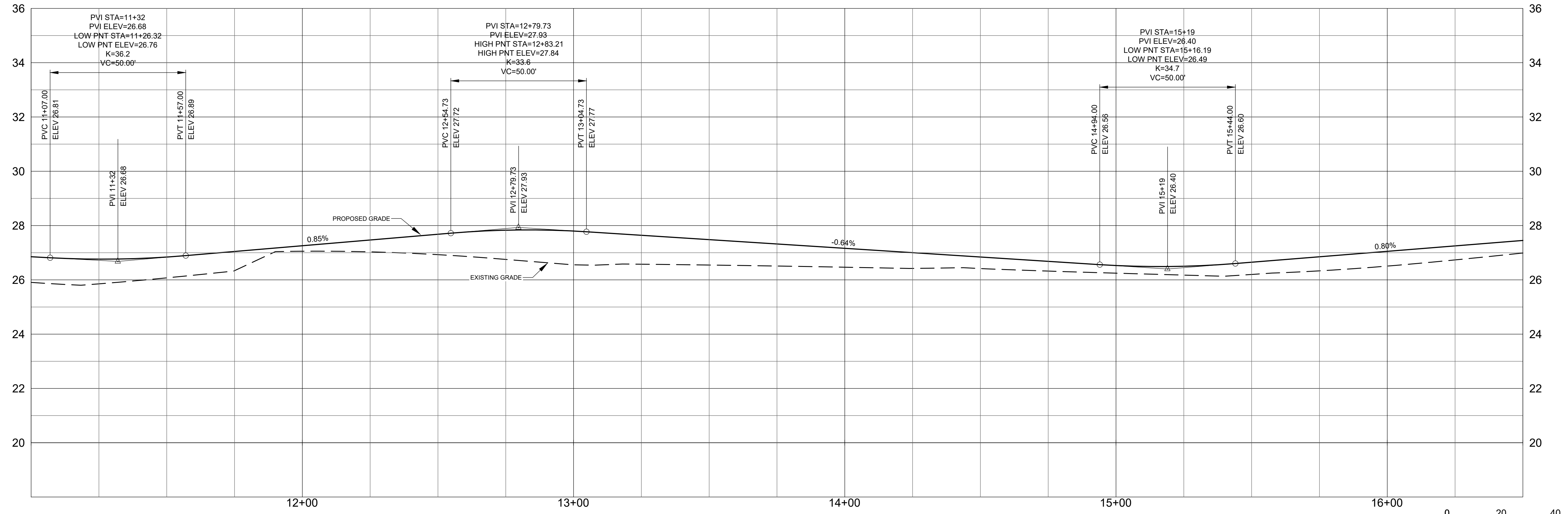
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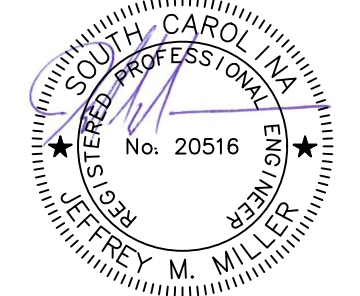
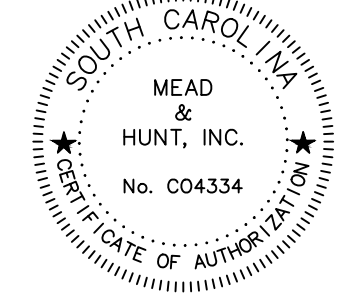
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ROAD PROFILES

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**C-401**



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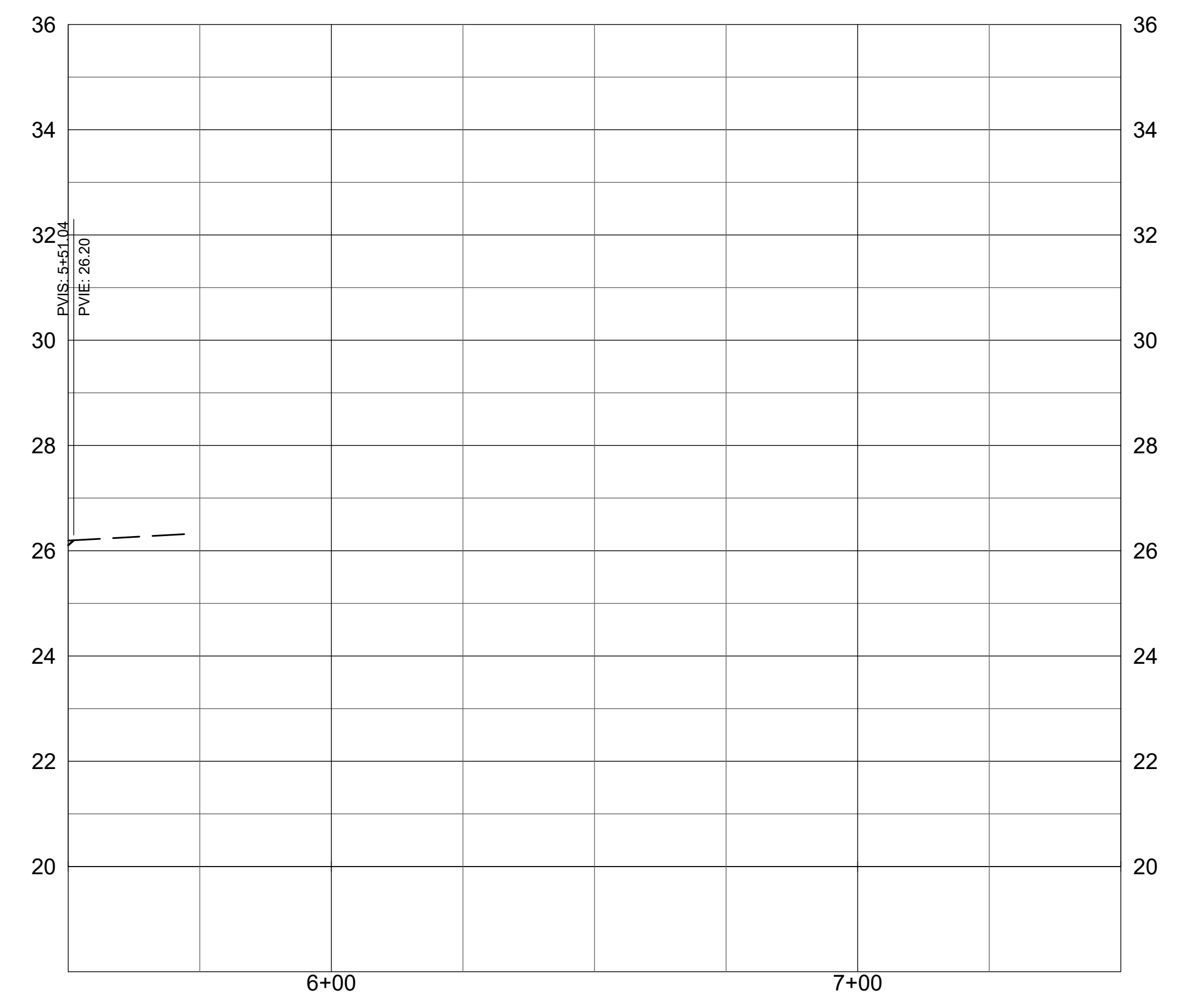
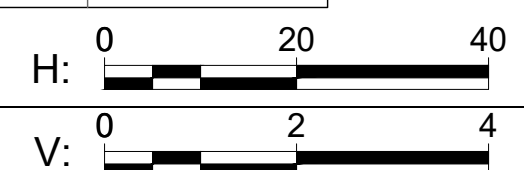
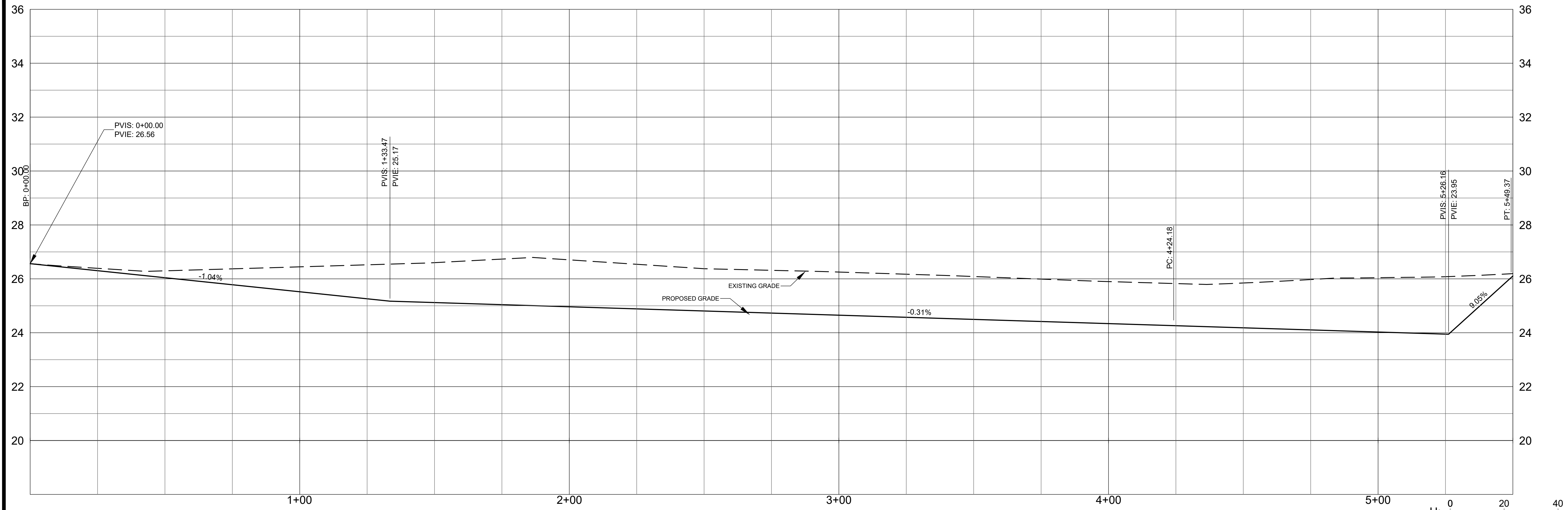
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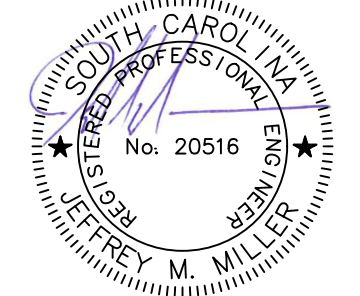
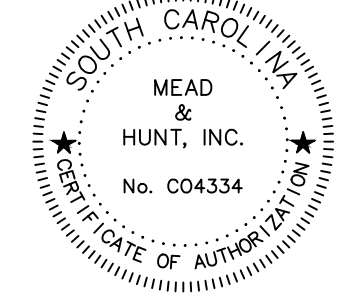
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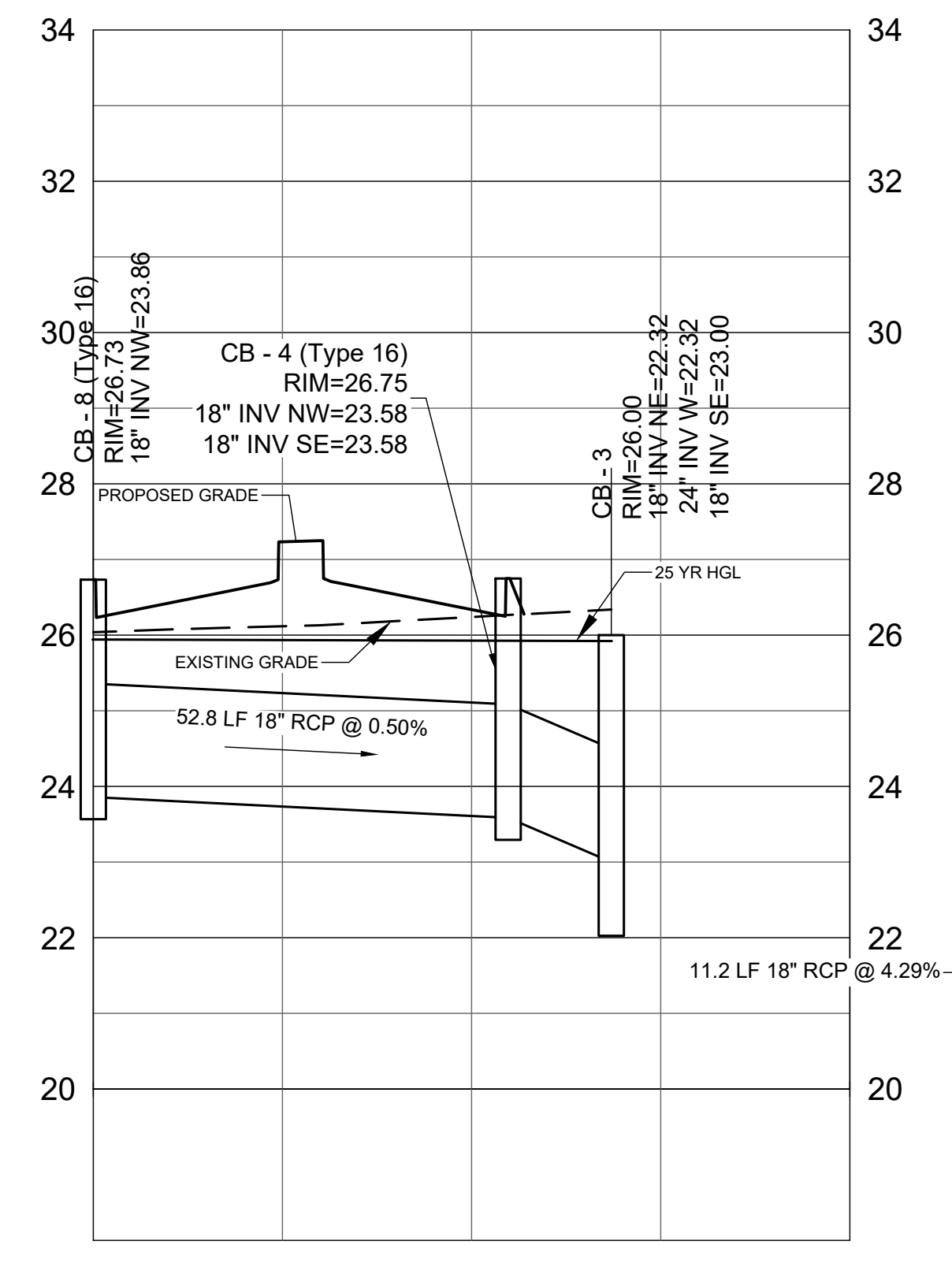
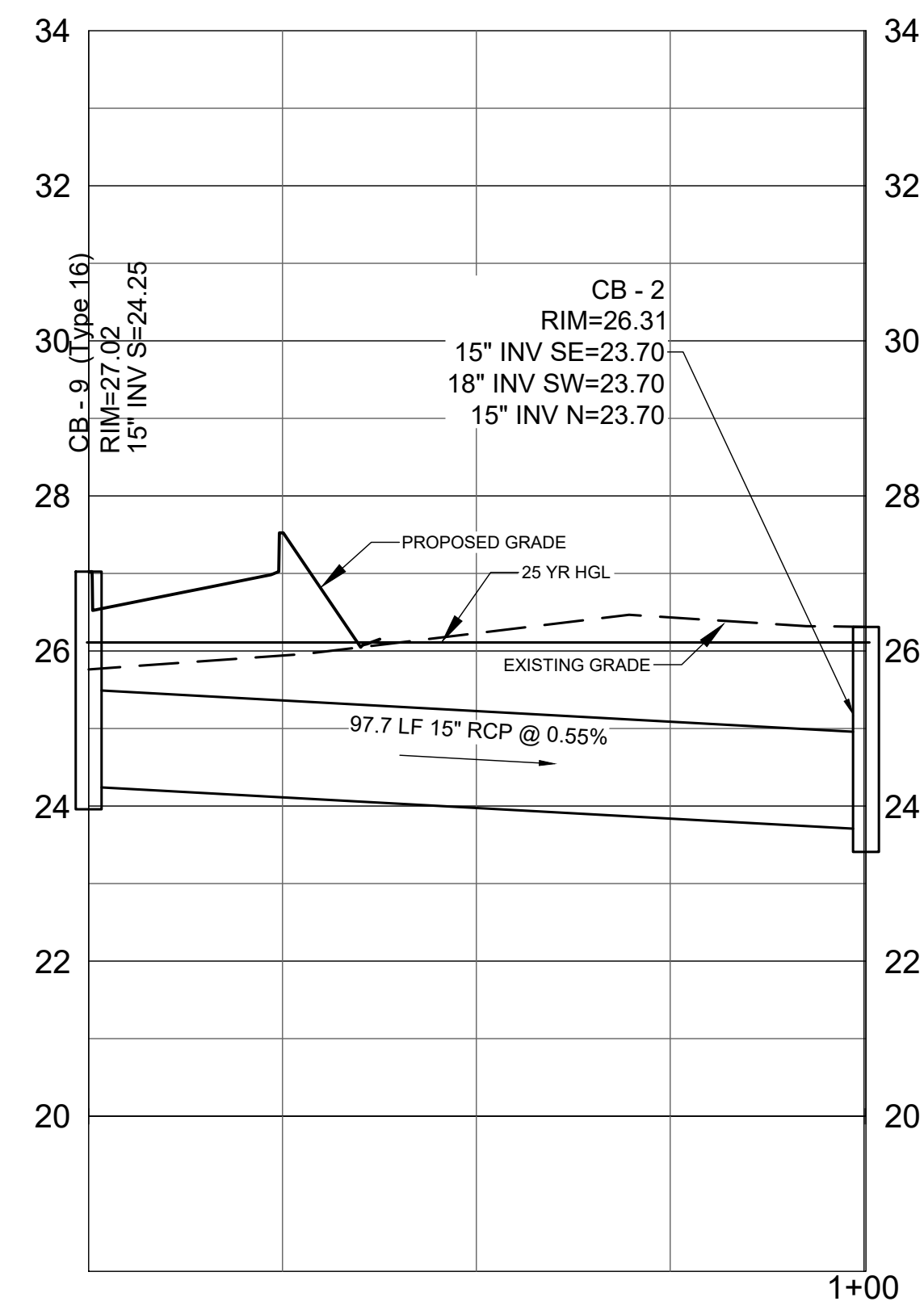
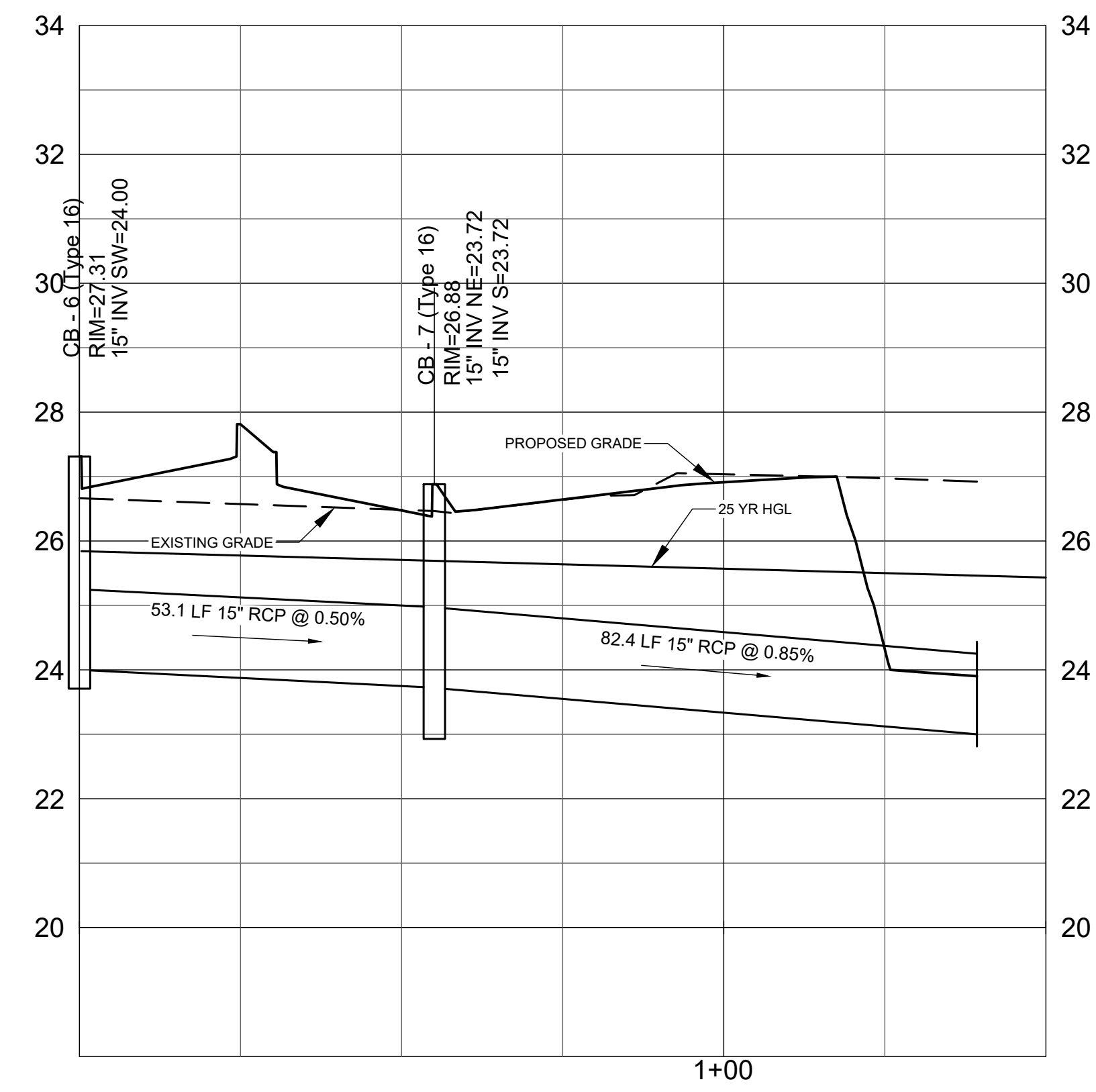
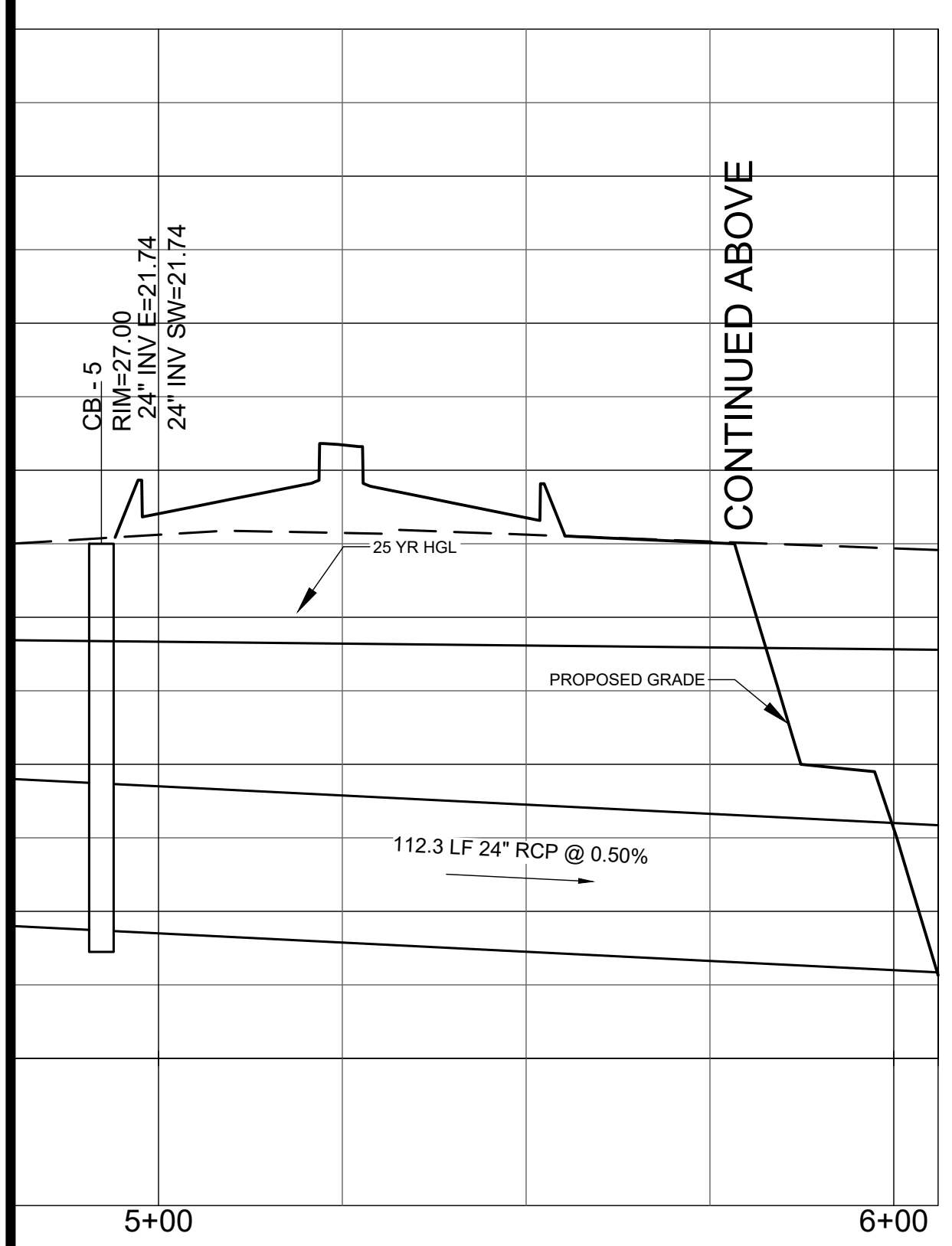
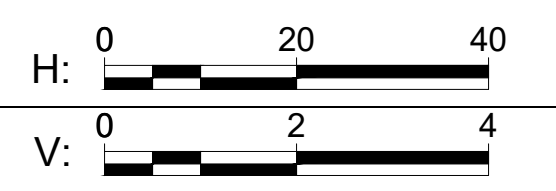
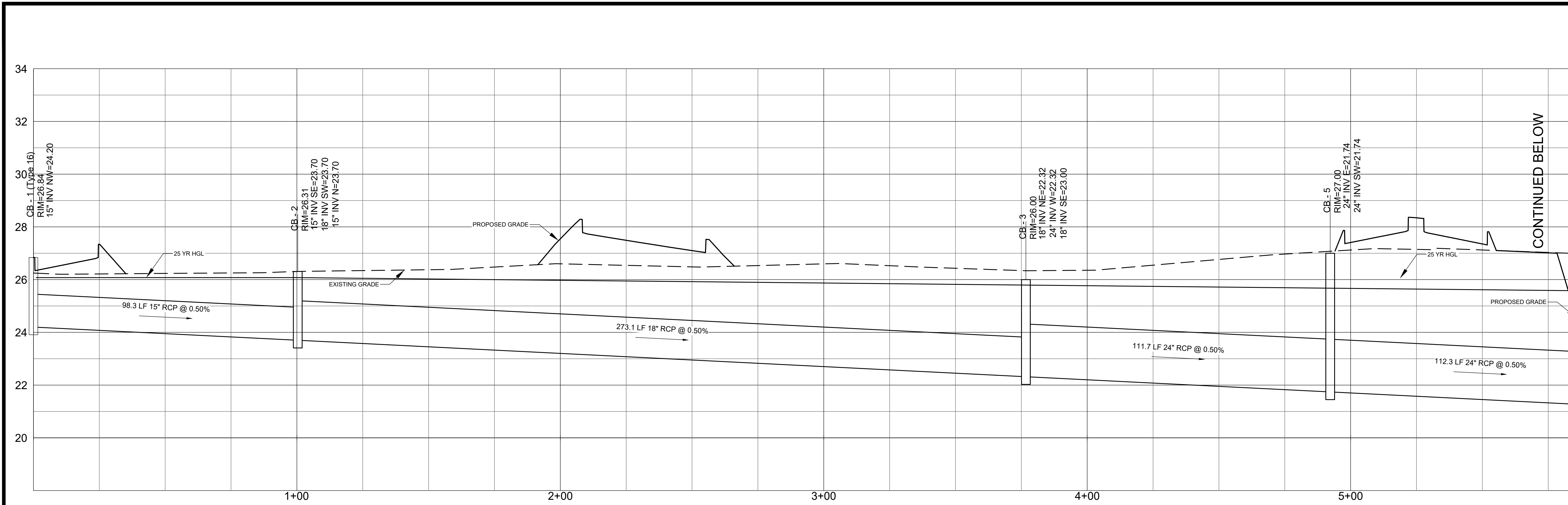
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**SWALE PROFILE**  
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**C-402**



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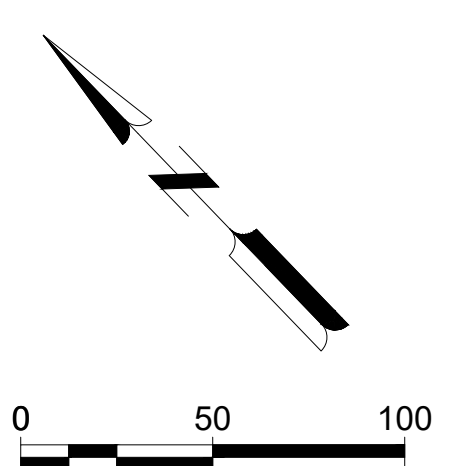
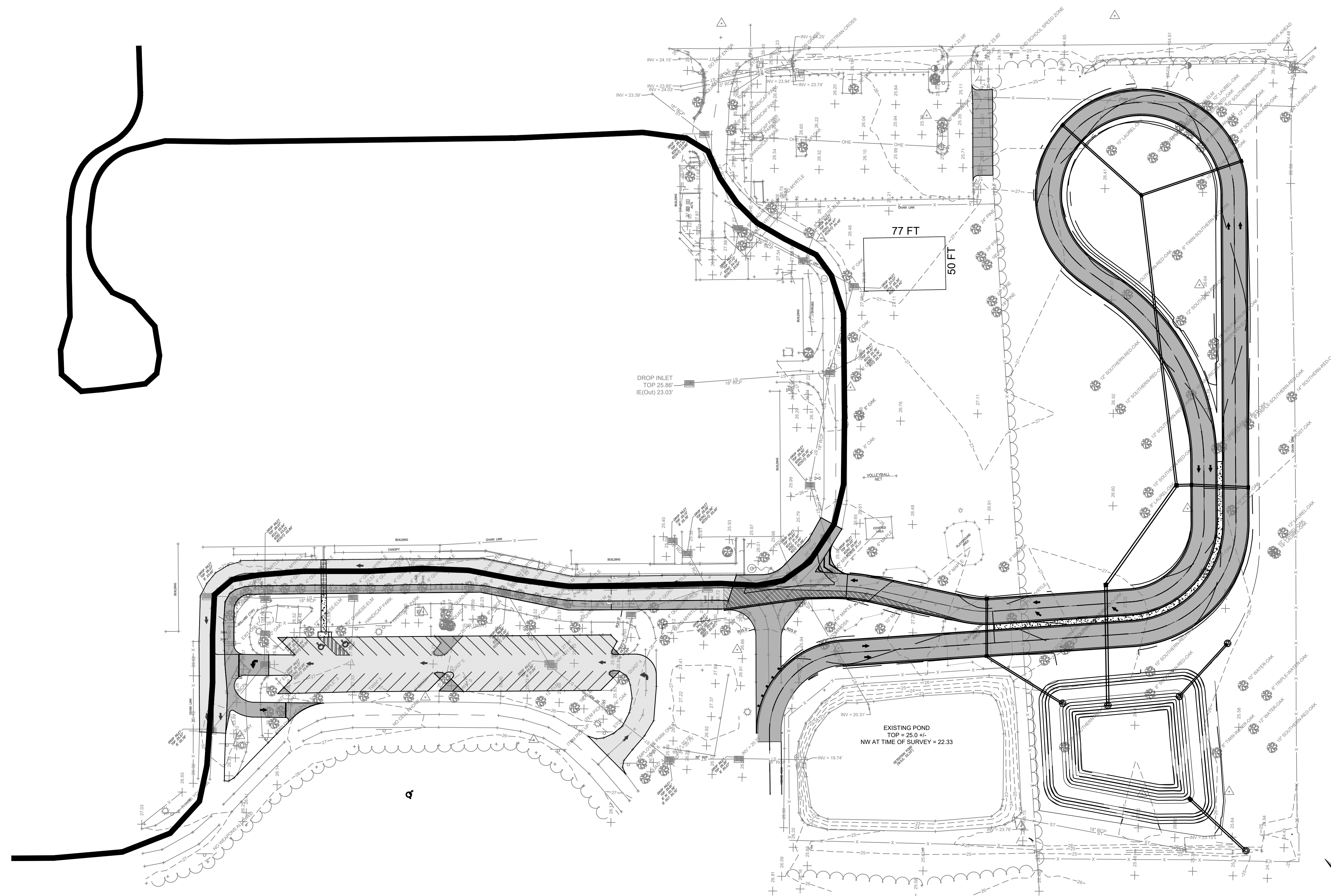
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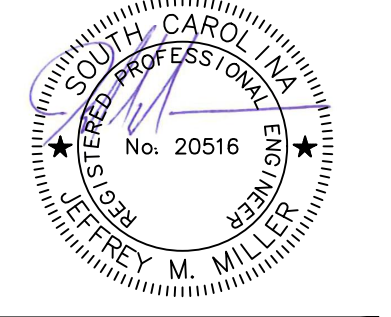
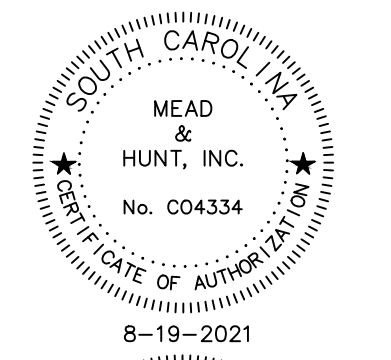
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DRAINAGE PROFILES

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# FIRE ACCESS ROUTES



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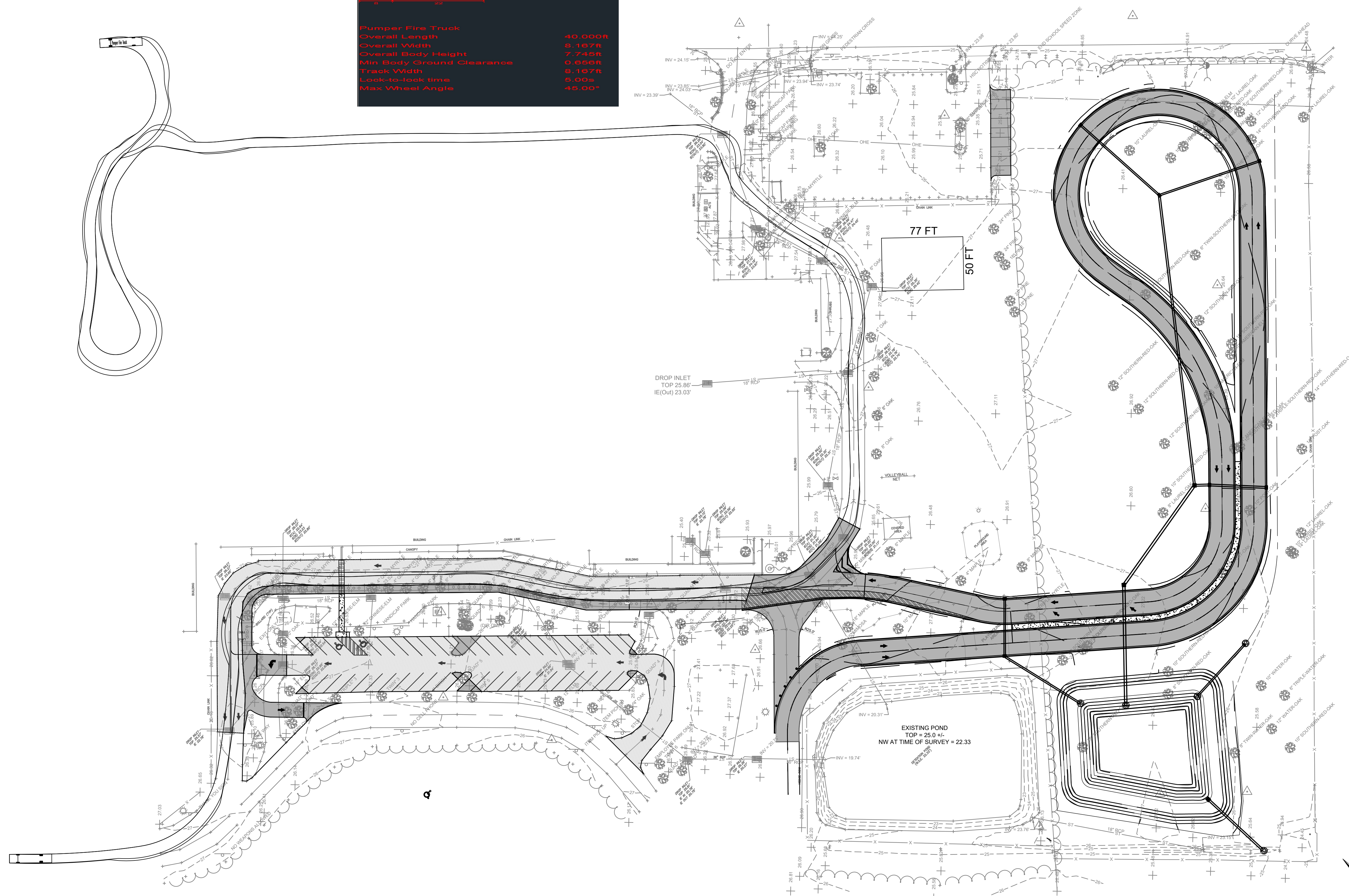
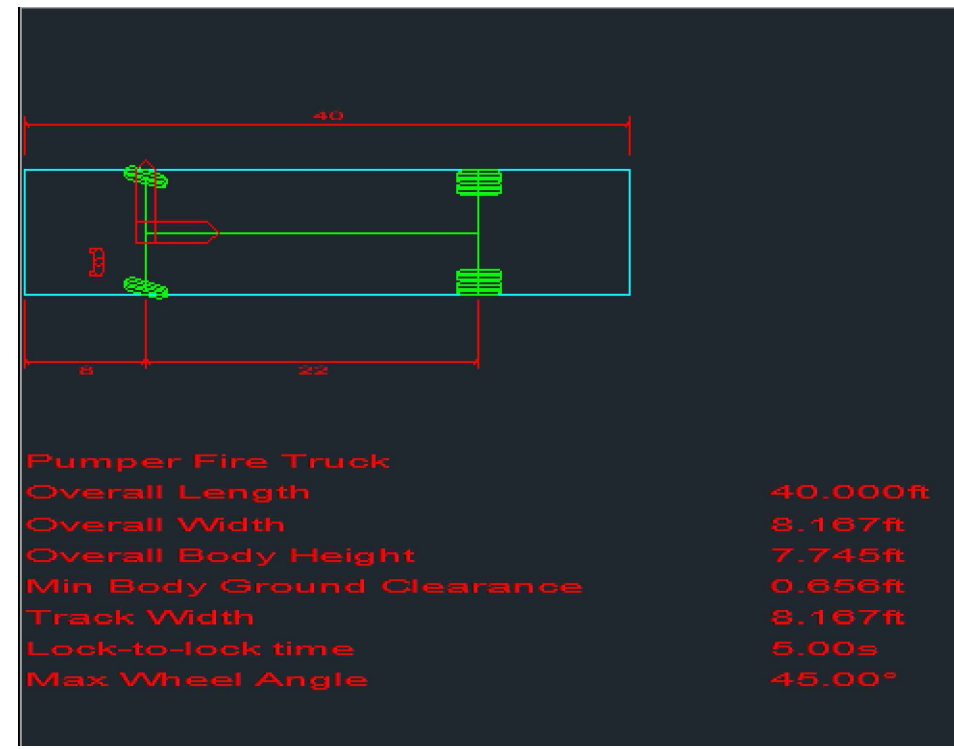
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**C-500**

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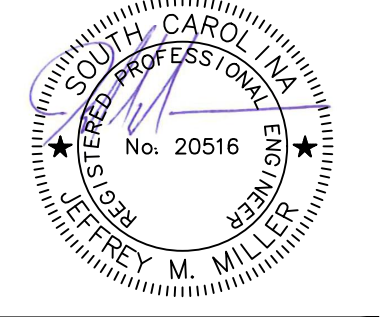
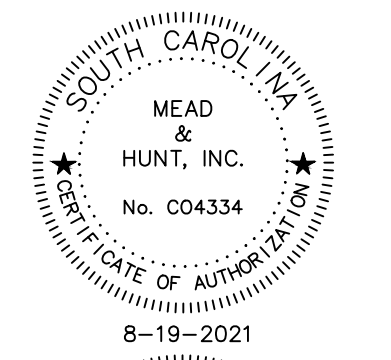


# VEHICLE - 40 FT PUMPER TRUCK



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FIRE ACCESS  
ROUTE

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**C-501**

