

VICINITY MAP
(NOT TO SCALE)

ZONING TABLE	
TMS #	130-00-09-028
PIN #	350-00-00-0002
CURRENT OWNER	HORRY COUNTY BOARD OF EDUCATION
ZONING OVERLAY	OFA
AREA	54.61 ACRES±
DISTURBED AREA	2,378,698 SQ.FT.±
BUILDING USE	EXISTING ELEMENTARY SCHOOL

REQUIRED PERMITS	
NPDES LAND DISTURBANCE PERMIT:	PENDING
HORRY COUNTY PLANNING & ZONING:	PENDING
HORRY COUNTY STORMWATER:	PENDING
HORRY COUNTY ENGINEERING:	PENDING
OFFICE OF SCHOOLS FACILITIES:	PENDING

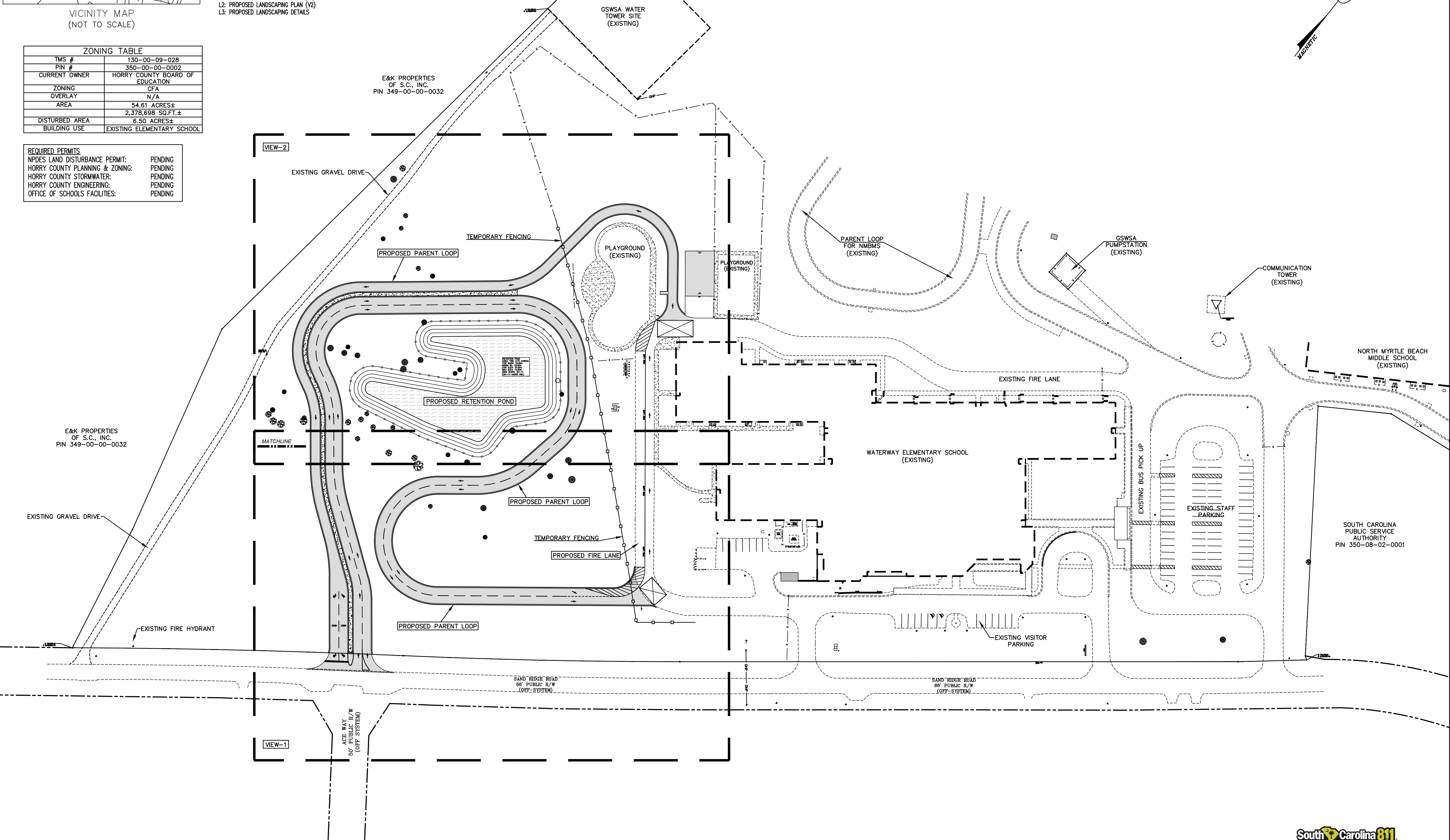
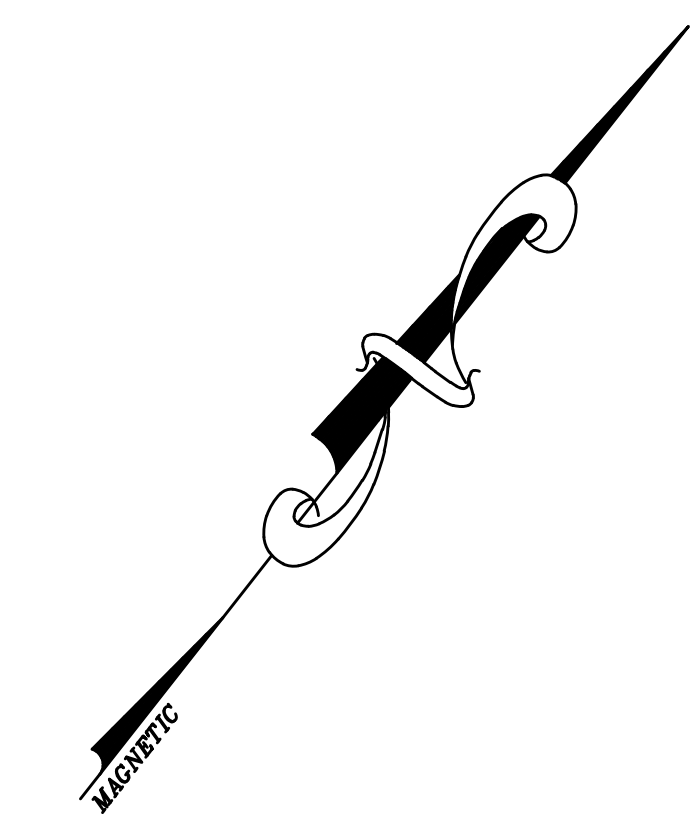
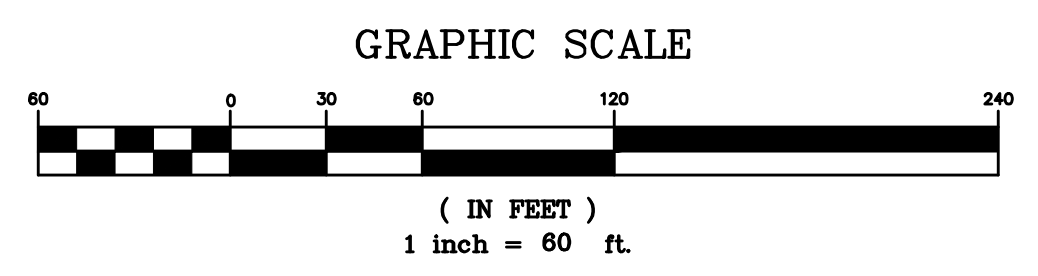
- SHEET INDEX**
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 - C2: EROSION CONTROL PLAN-STAGE I (V1)
 - C3: EROSION CONTROL PLAN-STAGE I (V2)
 - C4: PROPOSED SITE PLAN (V1)
 - C5: PROPOSED SITE PLAN (V2)
 - C6: SCOOT STRIPING DETAILS
 - C7: PROPOSED DRAINAGE PLAN (V1)
 - C8: PROPOSED DRAINAGE PLAN (V2)
 - C9: CONSTRUCTION DETAILS
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 - L1: PROPOSED LANDSCAPING PLAN (V1)
 - L2: PROPOSED LANDSCAPING PLAN (V2)
 - L3: PROPOSED LANDSCAPING DETAILS

HORRY COUNTY NOTES:

1. THERE ARE NO LIVE OAKS 24" OR GREATER IN DBH THAT SHALL BE REMOVED, DAMAGED OR DESTROYED
2. THERE IS NO SITE LIGHTING ASSOCIATED WITH THE PROPOSED PLAN.

EXISTING TREE NOTES:

1. ANY ENCRAGEMENTS IN TO THE ROOT PROTECTION ZONE WILL REQUIRE A CERTIFIED ARBORIST TO PROVIDE DOCUMENTATION THAT THE PROPOSED WORK WILL NOT ADVERSELY AFFECT THE LIFE OF THE TREE. ENCRAGEMENTS IN TO THE ROOT PROTECTION ARE TO BE DONE BEFORE CONSTRUCTION ACTIVITY BEGINS



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PROPOSED SITE PLAN
 WATERWAY ELEMENTARY SCHOOL
 NEW PARENT LOOP
 ADDRESS: 700 SANDRIDGE RD. LITTLE RIVER, SC 29566
 PREPARED FOR:
 HORRY COUNTY SCHOOL DISTRICT

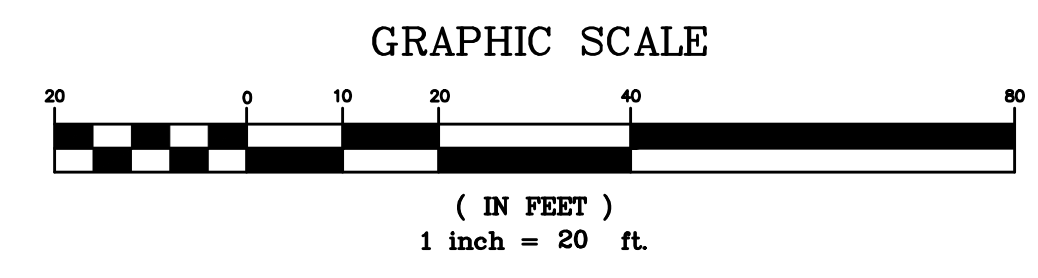
SCALE:	SEE PLAN
JOB NO.:	WES-LOOP
DESIGNED BY:	M.NORRIS
DRAWN BY:	M.NORRIS
CHECKED BY:	D.NORRIS
DATE:	MARCH 23, 2022

NO.	DATE	REVISIONS

Professional Engineer Seal for M. Norris, State of South Carolina, License No. 18001, dated 03/23/2022.



VIEW-2



POND DATA		
	STAGE	STORAGE
25 YR	22.34	1.23 AC-FT
100 YR	22.96	1.63 AC-FT

RETENTION POND
AREA TOB: 0.70 ACRES±
TOP BANK: 23.50±
NORM WL: 20.50±
TOP ELEV: 23.50±
BOT ELEV: 14.50±
SIDE SLOPE: 5H-1V
(2H-1V UNDER NWL)

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HCS
Horry County Schools

PROPOSED DRAINAGE PLAN
WATERWAY ELEMENTARY SCHOOL
NEW PARENT LOOP
PREPARED FOR:
700 SANDRIDGE RD. LITTLE RIVER, SC 29566
HORRY COUNTY SCHOOL DISTRICT

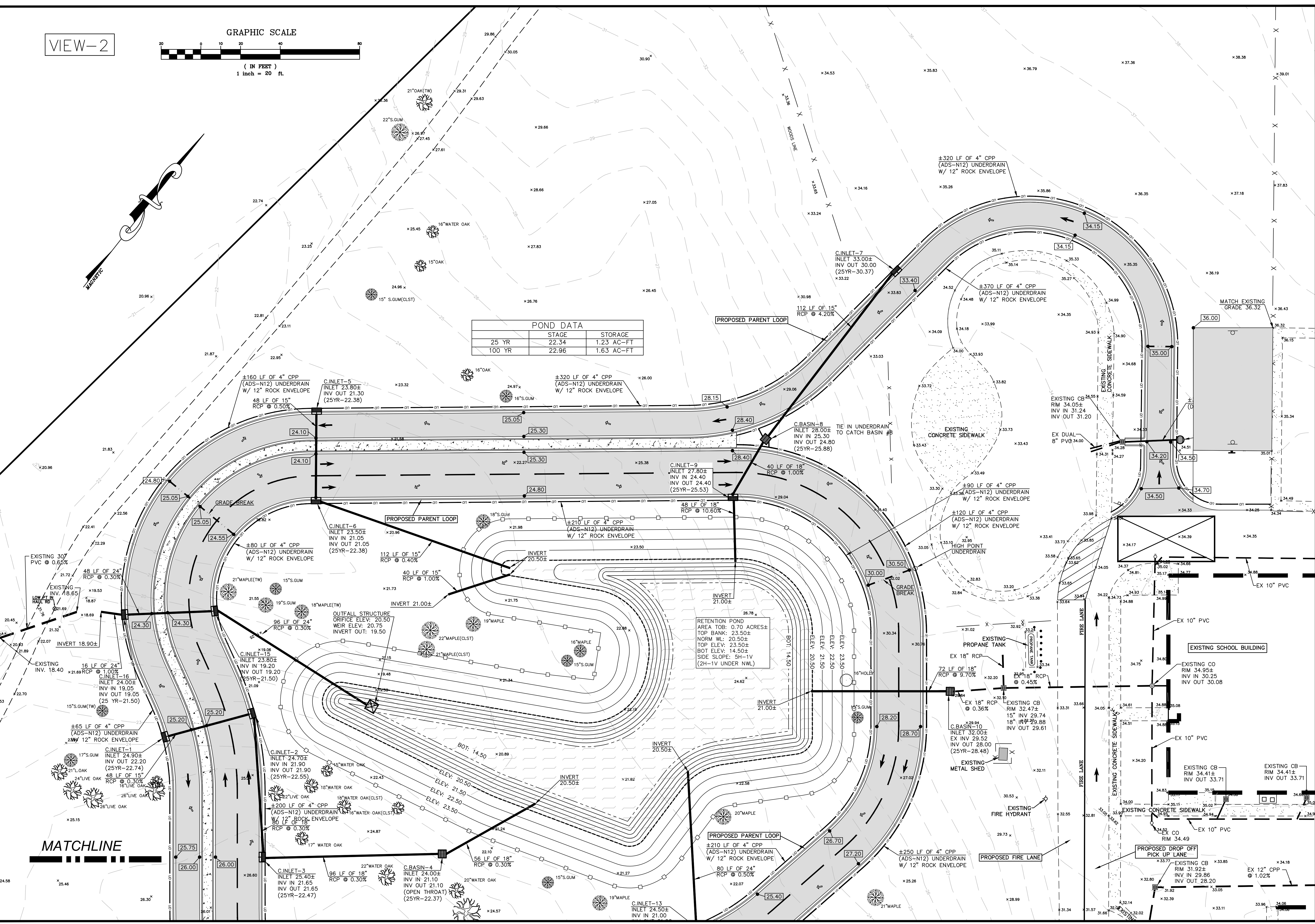
SCALE: SEE PLAN
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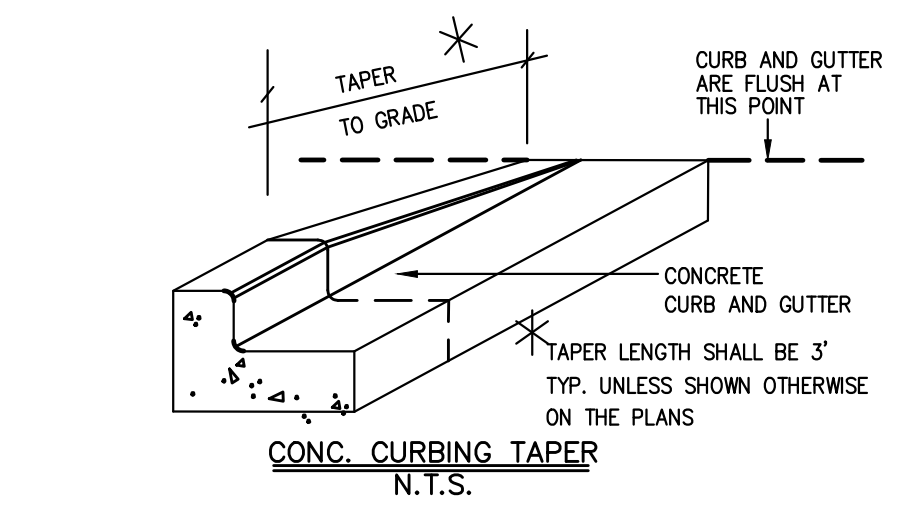
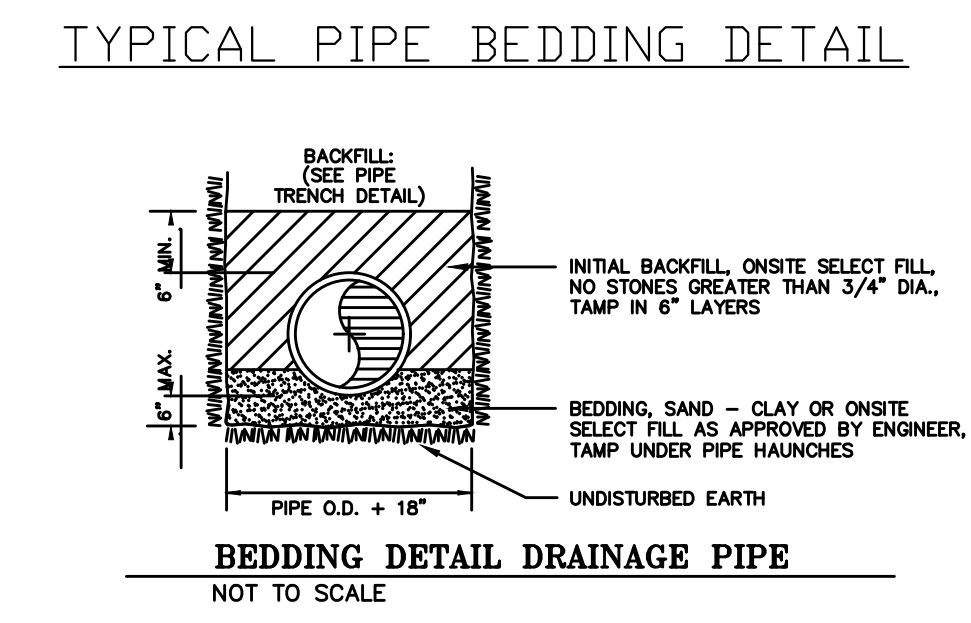
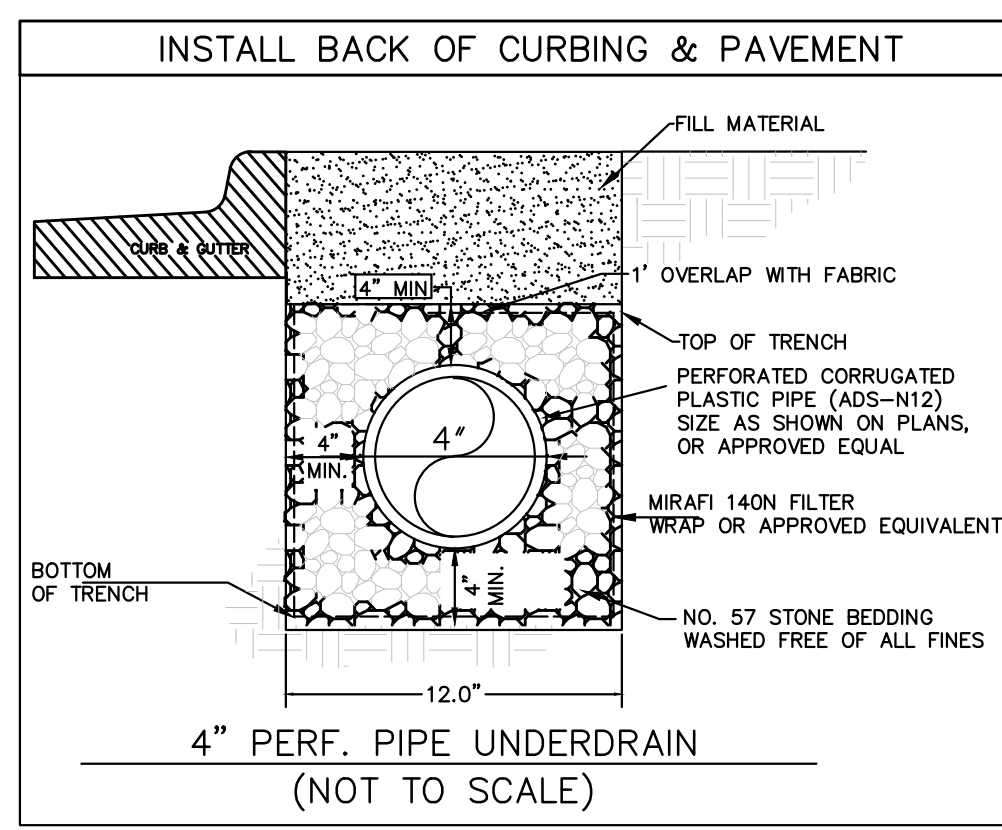
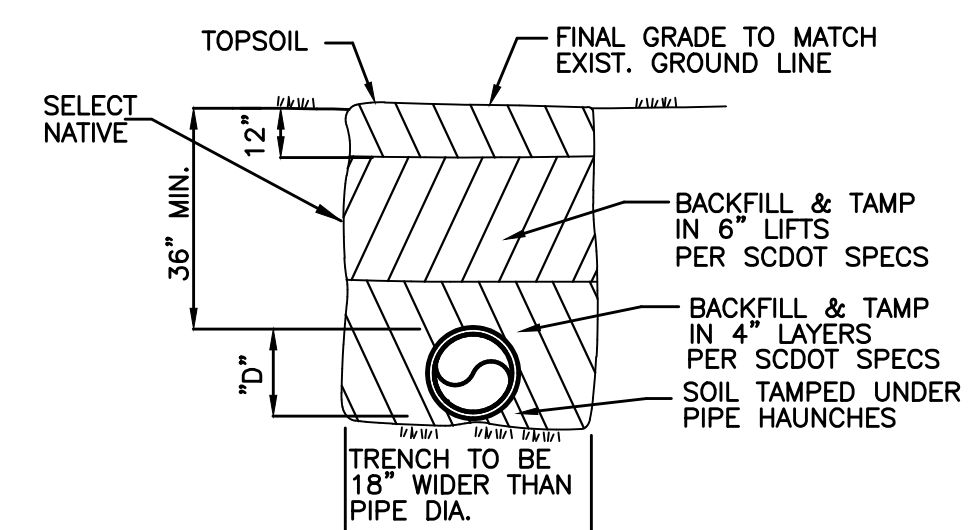
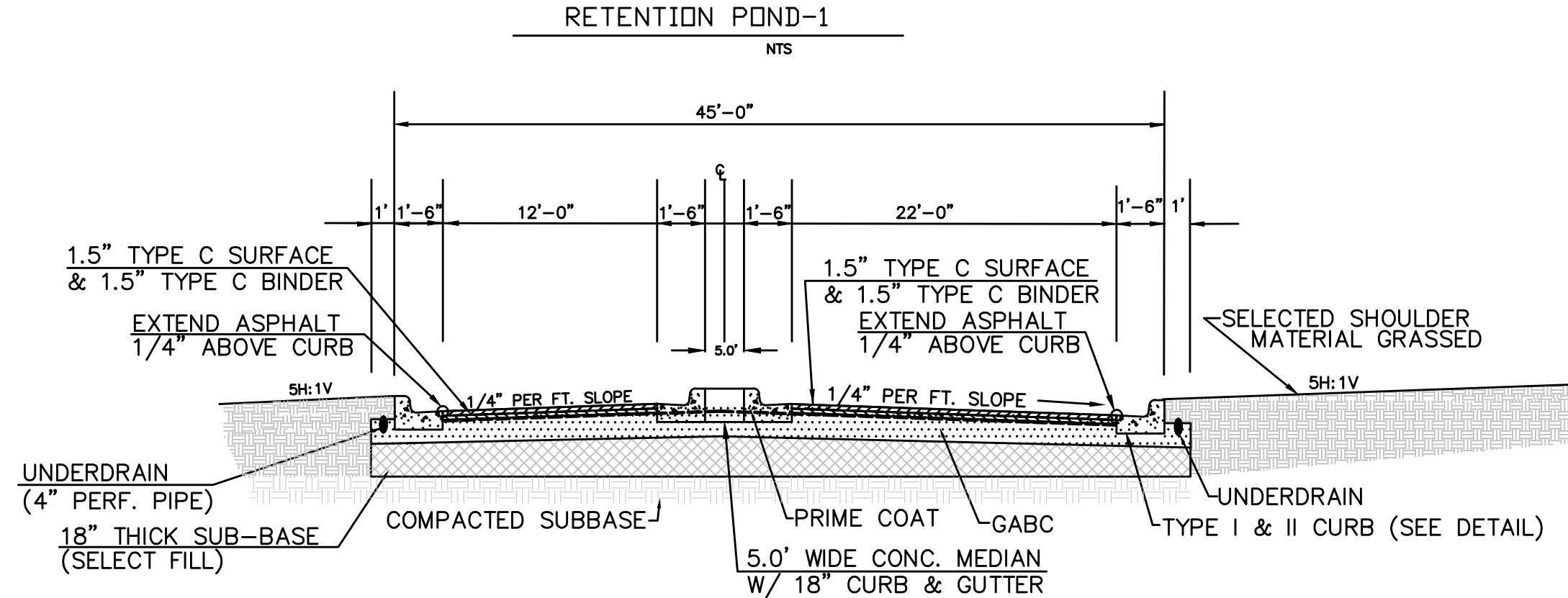
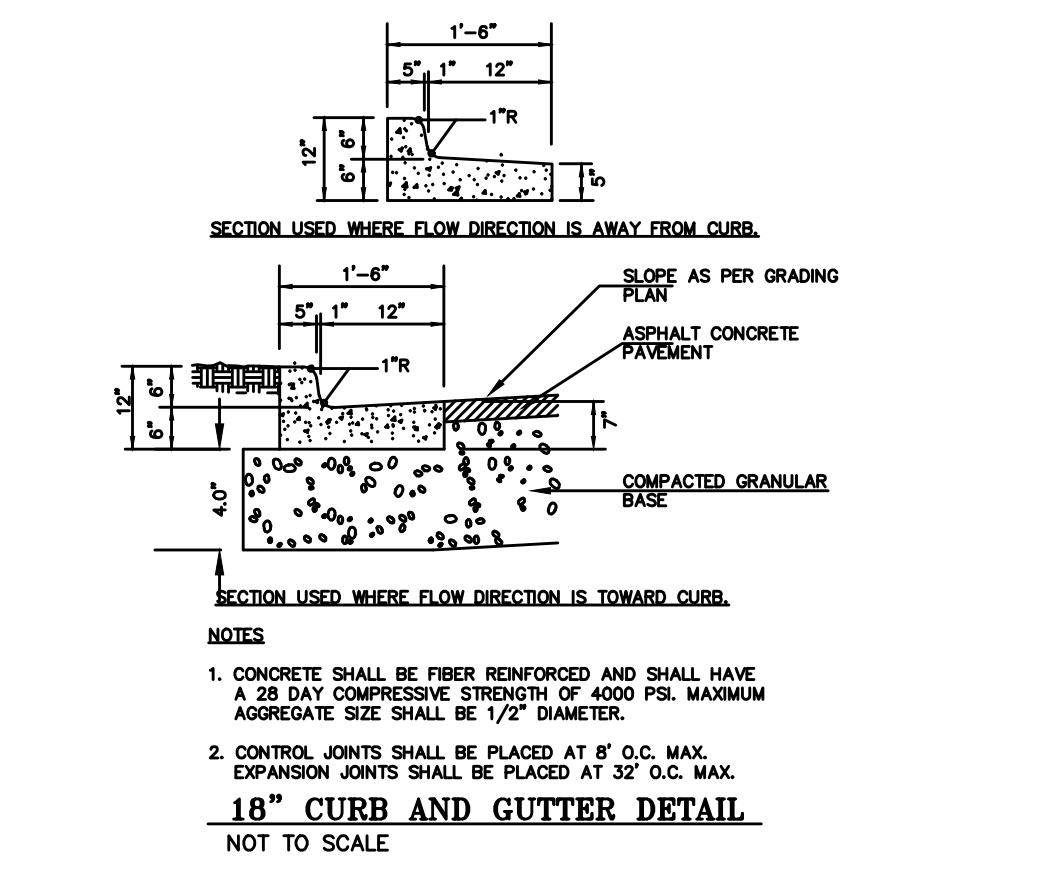
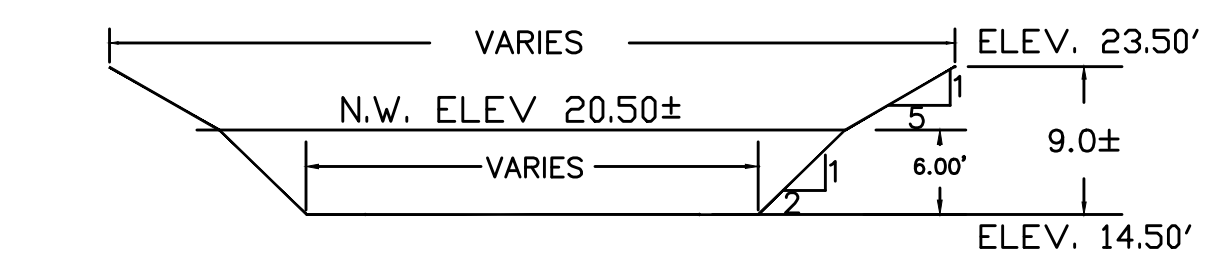
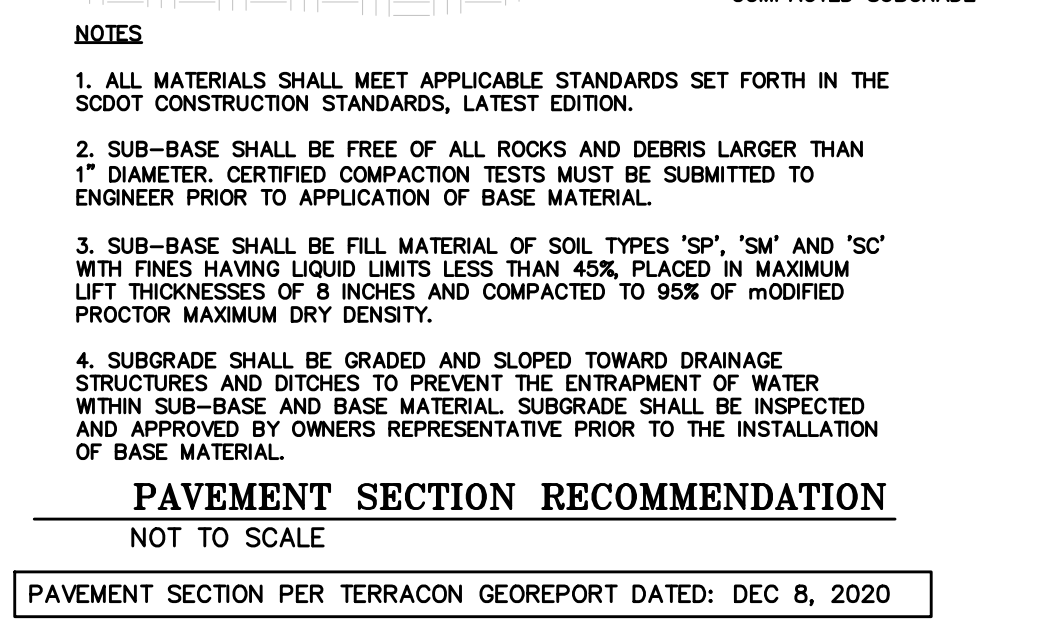
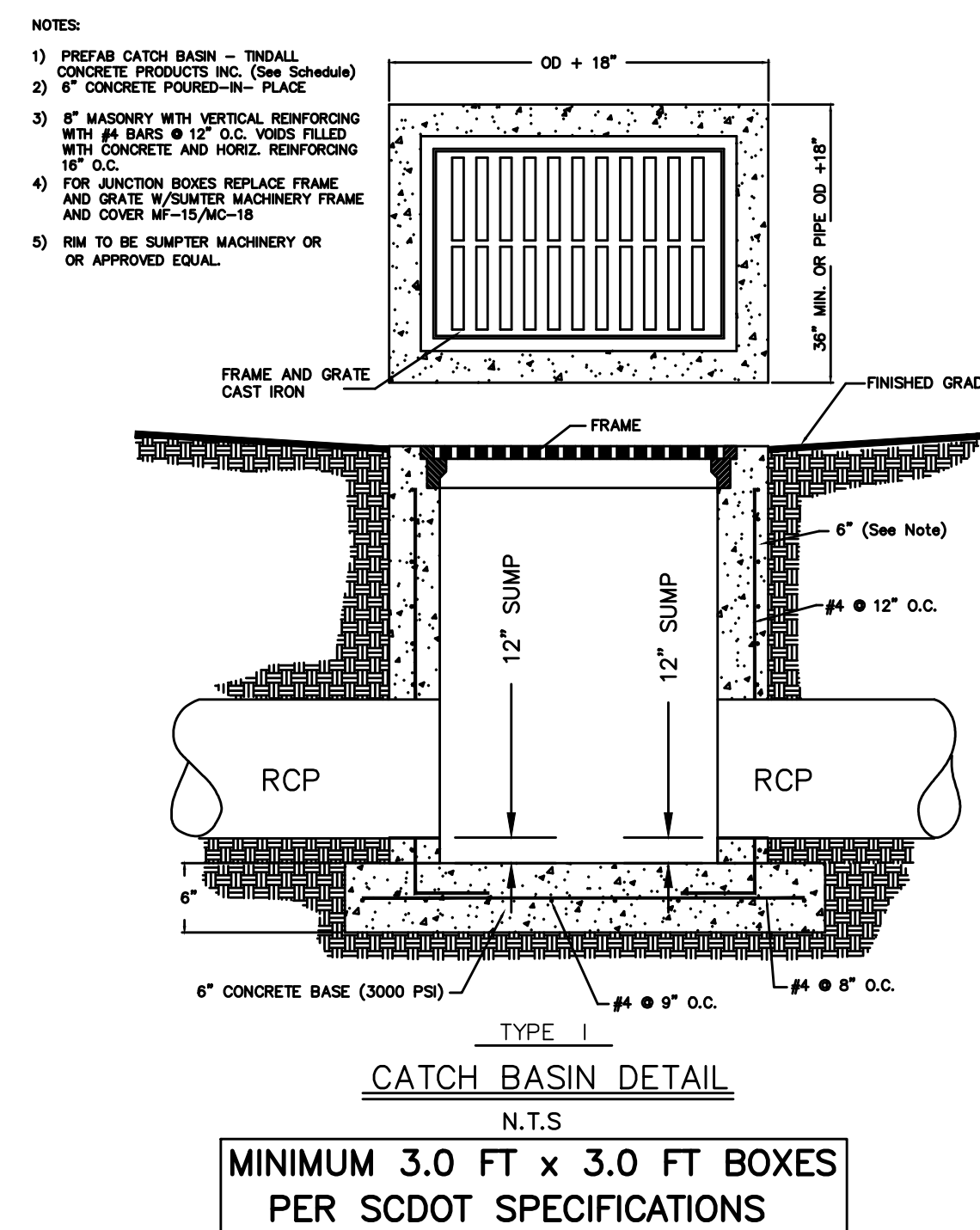
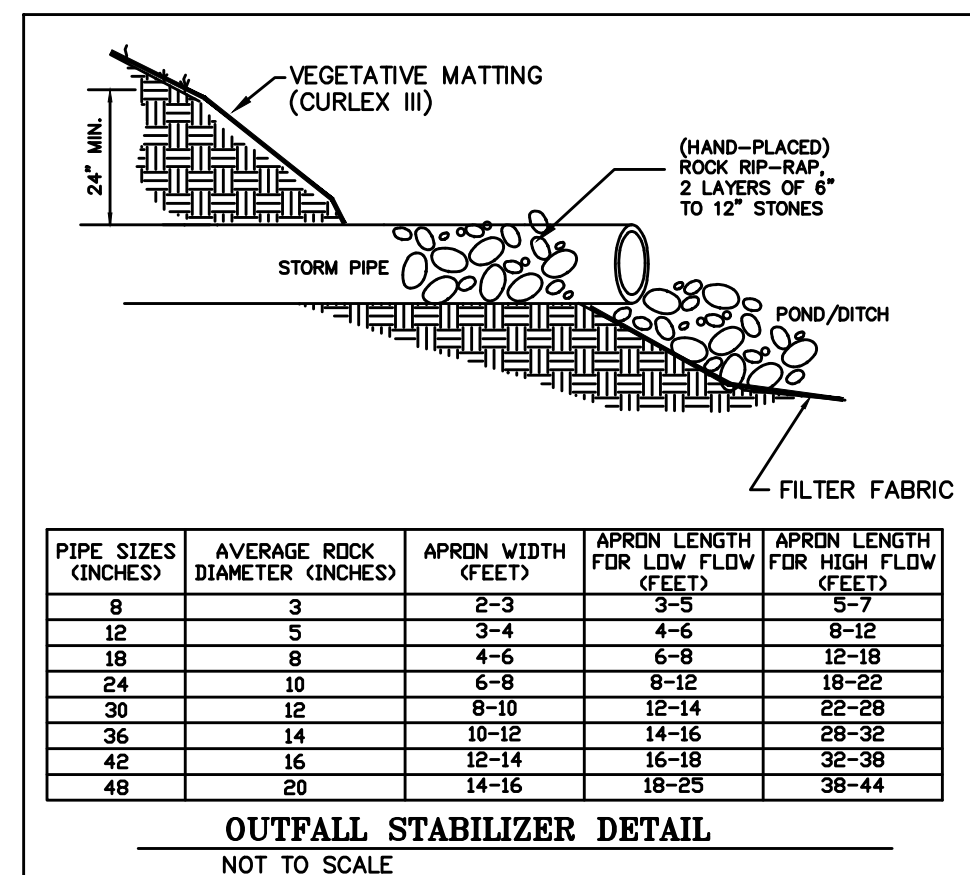
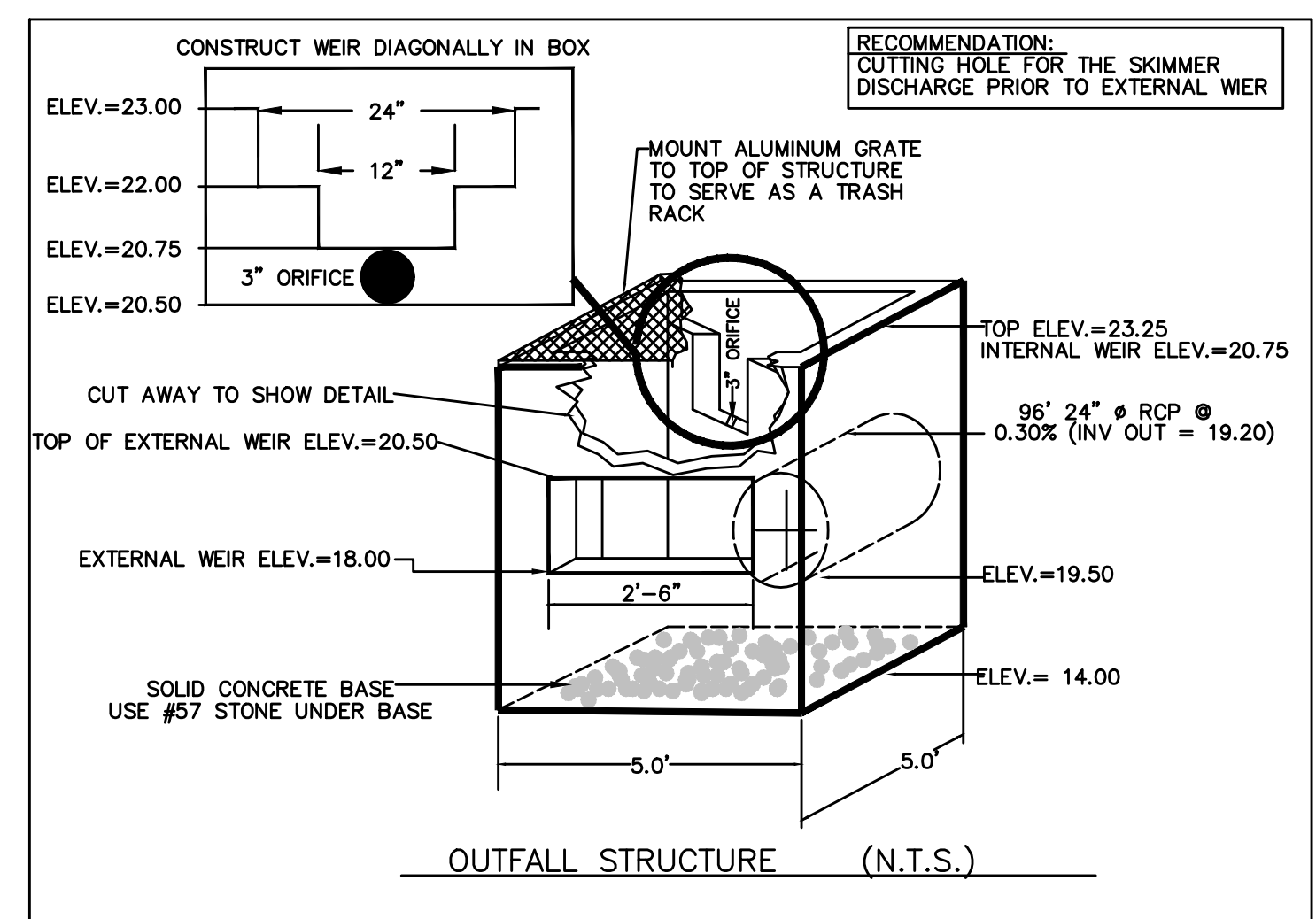
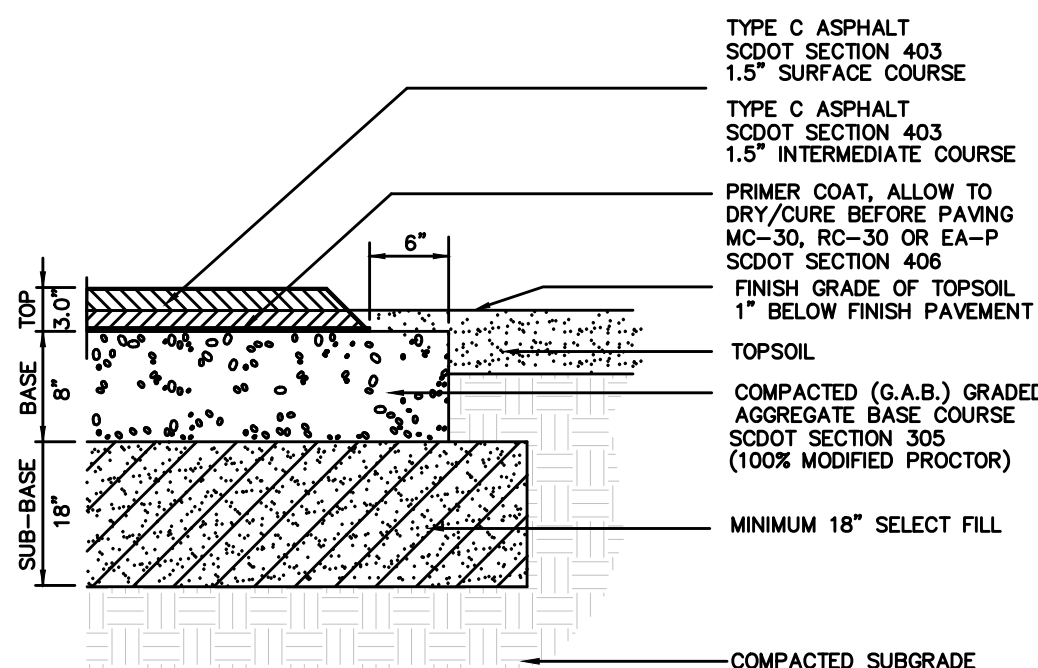
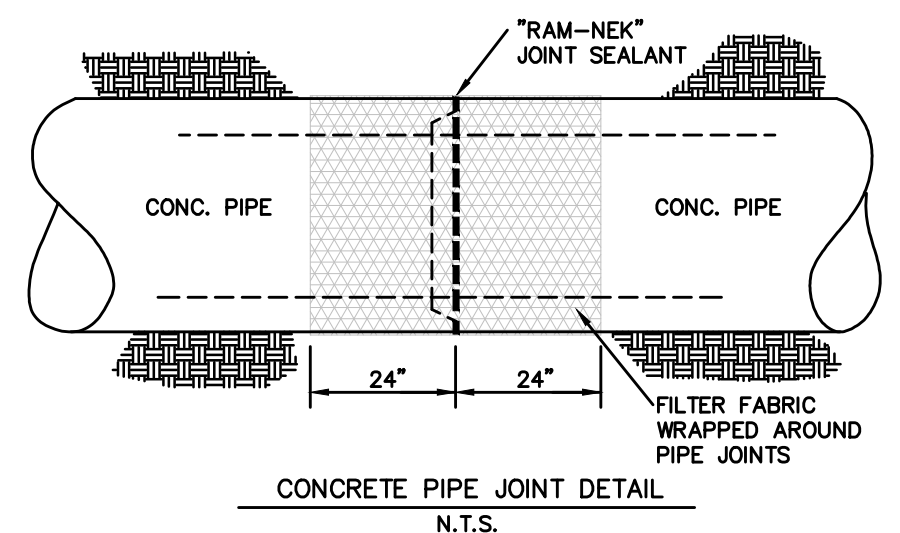
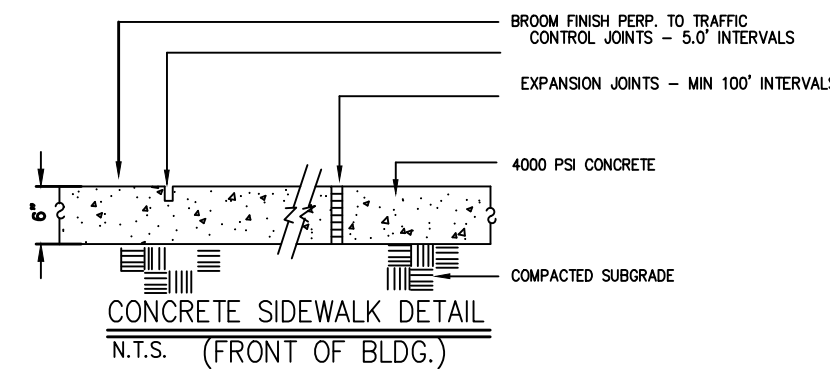
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03/23/2022

SHEET NUMBER:
C8
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- GRADING NOTES:**
1. ALL DISTURBED AREAS MUST BE SEEDED IMMEDIATELY AFTER CONSTRUCTION.
 2. ALL SEDIMENT & EROSION CONTROL FEATURES SHALL BE MAINTAINED BY THE CONTRACTOR DURING CONSTRUCTION.
 3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER ABOUT ANY DISCREPANCIES BETWEEN THE ALIGNMENT & ELEVATIONS OF EXISTING UTILITIES AND THE DESIGN PLANS.
 4. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE REPAIRING AND/OR REPLACING ANY UTILITIES THAT MAY BECOME DAMAGE DURING THE CONSTRUCTION OF THIS PROJECT.
 5. REPRESENTS EXISTING GRADES.
 6. REPRESENTS PROPOSED DRAINAGE FLOW.
 7. SELECT FILL SHALL BE PLACED OVER ALL PROPOSED DRAINAGE LINES.
 8. FILTER FABRIC IS REQUIRED TO BE WRAPPED AROUND ALL PIPE JOINTS.
 9. IT IS THE CONTRACTOR SOLE RESPONSIBILITY TO MAKE SURE ALL ADA REQUIREMENTS ARE MET WHEN INSTALLING RAMPS & SIDEWALKS.

- DRAINAGE NOTES:**
1. ALL DISTURBED AREAS MUST BE SEEDED IMMEDIATELY AFTER CONSTRUCTION.
 2. ALL SEDIMENT & EROSION CONTROL FEATURES SHALL BE MAINTAINED BY THE CONTRACTOR DURING CONSTRUCTION.
 3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER ABOUT ANY DISCREPANCIES BETWEEN THE ALIGNMENT & ELEVATIONS OF EXISTING UTILITIES AND THE DESIGN PLANS.
 4. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE REPAIRING AND/OR REPLACING ANY UTILITIES THAT MAY BECOME DAMAGE DURING THE CONSTRUCTION OF THIS PROJECT.
 5. #12 TRACER WIRE SHALL BE PLACED IN THE TRENCH ABOVE ALL PLASTIC DRAINAGE LINES FOR EASE OF LOCATION.
 6. THE SITE CONTRACTOR IS RESPONSIBLE FOR MAKING THE TIE IN OF ALL WATER, SEWER, AND DRAINAGE LINES—TYPICALLY 5.0 FT OUTSIDE BUILDING LINE. PVC SDP-18 AND SDP-40 SEWER PIPE CAN BE USED FOR THE DRAIN LATERALS (DOWN-SPOUTS & ROOF LEADERS). ALL BEND FITTINGS SHALL BE THE LONG RADIUS TYPE. THE SITE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING THE FITTINGS NEEDED TO MAKE ALL UTILITY AND DRAINAGE CONNECTIONS.
 7. ALL SEWER & DRAINAGE CLEAN-OUTS SHALL BE TRAFFIC BEARING AND INSTALLED TO FINAL GRADE. ALL CLEAN-OUTS IN GRASSED & LANDSCAPE AREAS SHALL HAVE CONCRETE COLLARS PLACED AROUND THE CLEAN-OUT FOR PROTECTION.

- INSPECTION NOTES:**
1. WEEKLY INSPECTIONS AND REPORTS BY THE CONTRACTOR SHALL BE KEPT ON SITE AND BE READY AVAILABLE FOR THE ENGINEER AND/OR HORRY COUNTY STORMWATER.
 2. THE CONSTRUCTION ENTRANCE SHALL BE MAINTAINED DAILY—ALL MUD REMOVED.
 3. FINAL DRAINAGE ASBUILTS SHALL BE REQUIRED AND APPROVED BY HORRY COUNTY STORMWATER DEPT. PRIOR TO THE ISSUANCE OF CERTIFICATE OF OCCUPANCY (CO).
 4. THE LAND DISTURBANCE ACTIVITY WILL BE ACCOMPLISHED PURSUANT TO THE CONCEPT PLAN AND THE COUNTY HAS THE RIGHT TO CONDUCT ONSITE INSPECTIONS.

CENTIPEDE SOD—NO MESH BACKING

- DISTRICT REQUIREMENTS:**
1. ALL IMPACTED AREAS INCLUDING, BUT NOT LIMITED TO: SITE ACCESS, DRAINAGE INSTALLATION, CONCRETE, DEMOLISHING, CONCRETE WASHOUT, AND STAGING AREAS ARE TO BE GRADED AND SODED AT CONCLUSION ACTIVITIES.
 2. ALL IRRIGATION LINES DAMAGED SHALL BE REPAIRED PER THE DISTRICT CURRENT SPECIFICATIONS.
 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING ALL NEW SOD UNTIL THE ROOT IS ESTABLISHED AND THE GRASS HAS A HEALTHY GROWTH.
 4. THE SITE SHALL BE CLEANED OF ALL TRASH AND DEBRIS ON A DAILY BASIS.

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HCS
Horry County Schools

CONSTRUCTION DETAILS
WATERWAY ELEMENTARY SCHOOL
NEW PARENT LOOP
ADDRESS: 700 SANDRIDGE RD. LITTLE RIVER, SC 29566
PREPARED FOR:
HORRY COUNTY SCHOOL DISTRICT

SCALE: SEE PLAN
JOB NO. WES-LOOP
DESIGNED BY: M.NORRIS
DRAWN BY: M.NORRIS
CHECKED BY: D.NORRIS
DATE: MARCH 23, 2022

REVISIONS

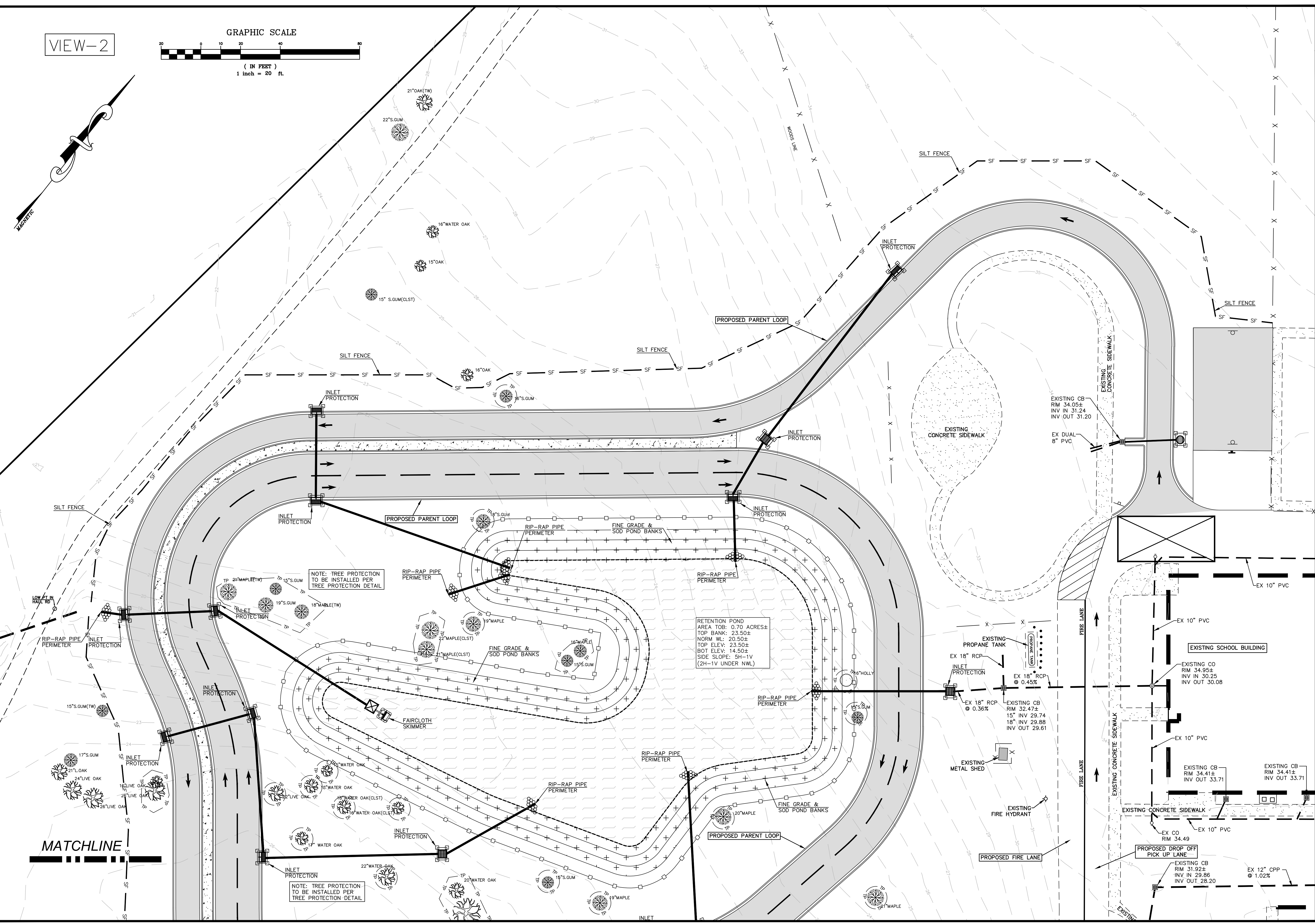
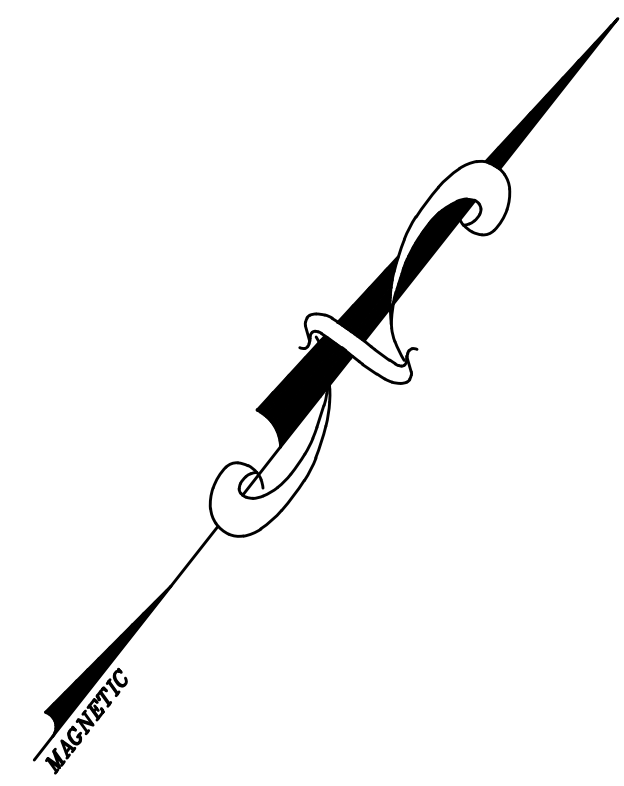
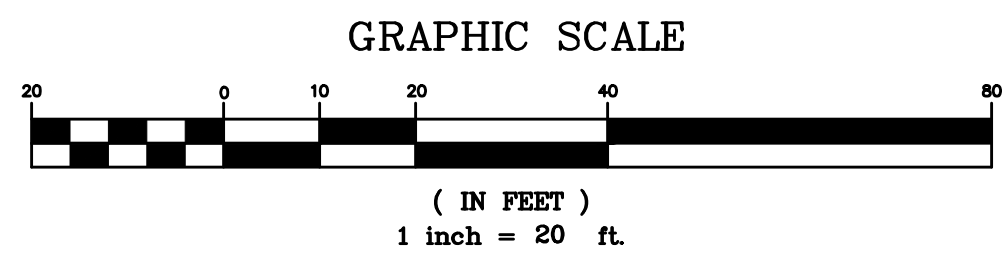
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David Norris
Professional Engineer
No. 19001
03/23/2022

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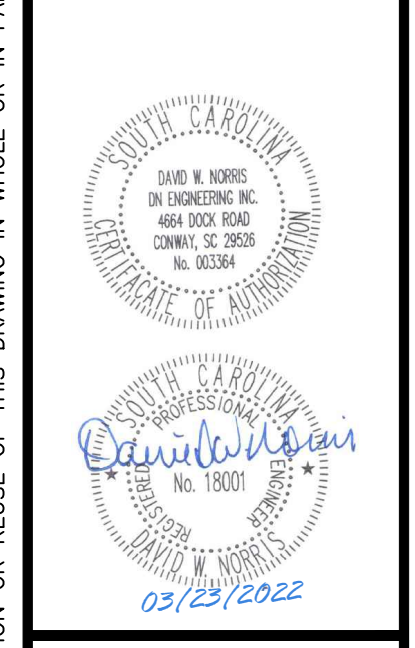
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HCS
Horry County Schools

EROSION CONTROL PLAN-STAGE II (V2)
WATERWAY ELEMENTARY SCHOOL
NEW PARENT LOOP
ADDRESS: 700 SANDRIDGE RD. LITTLE RIVER, SC 29566
PREPARED FOR: Horry County School District

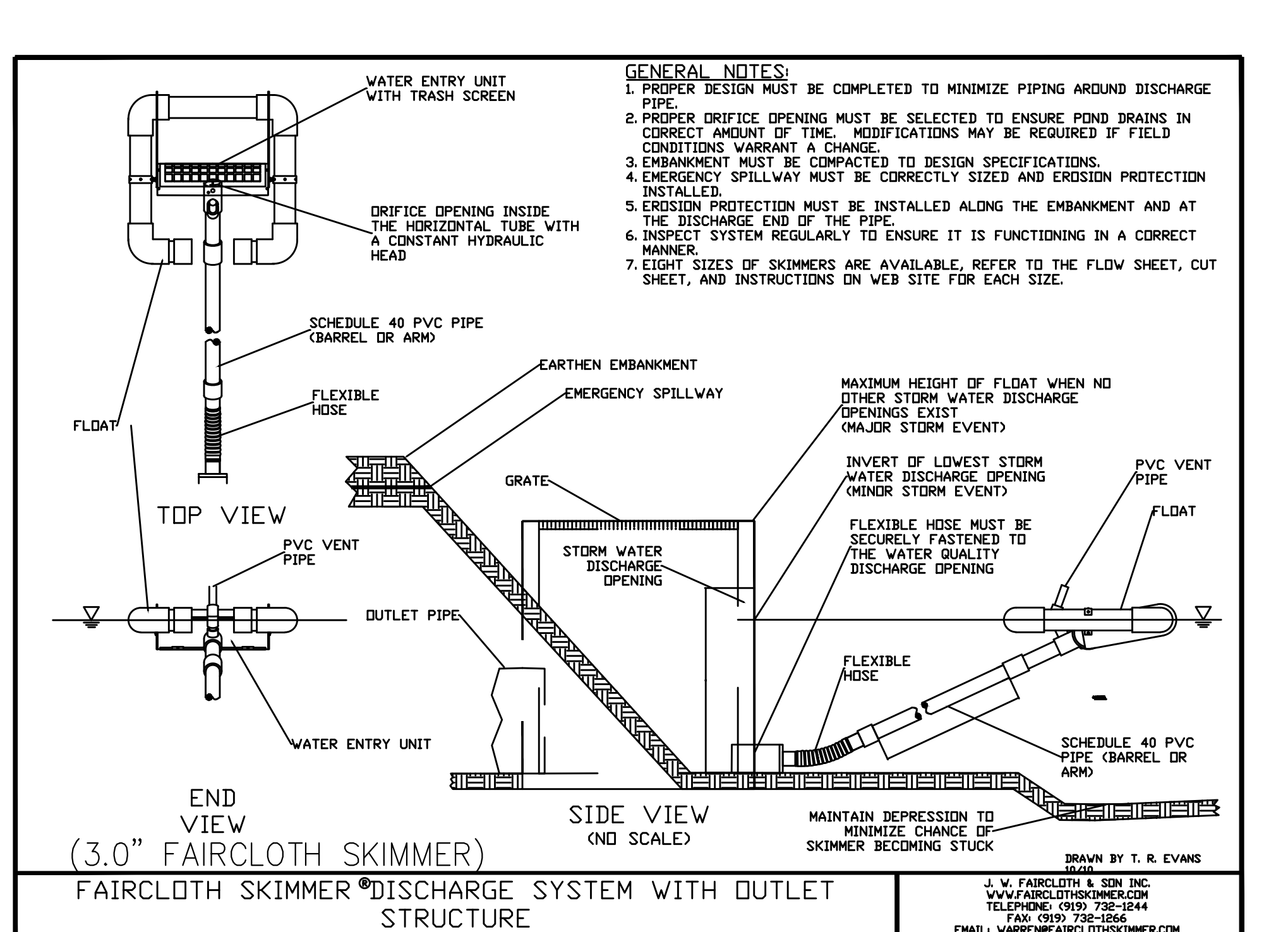
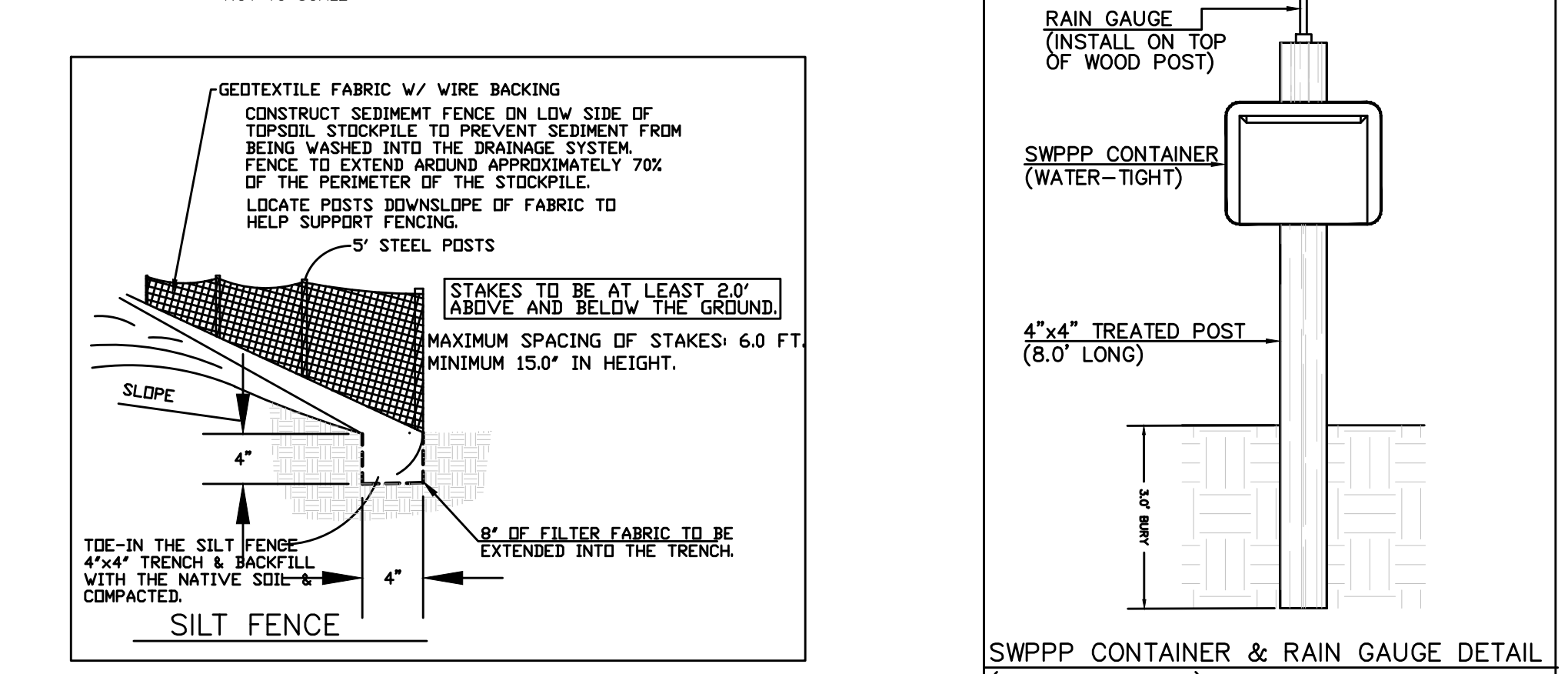
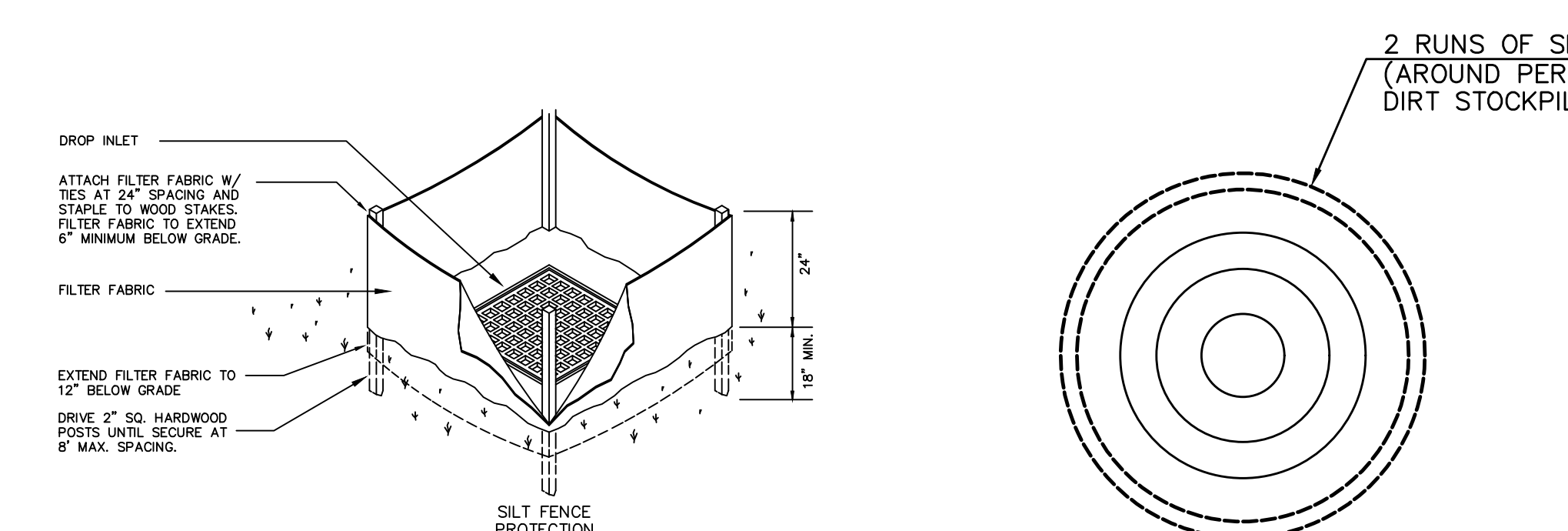
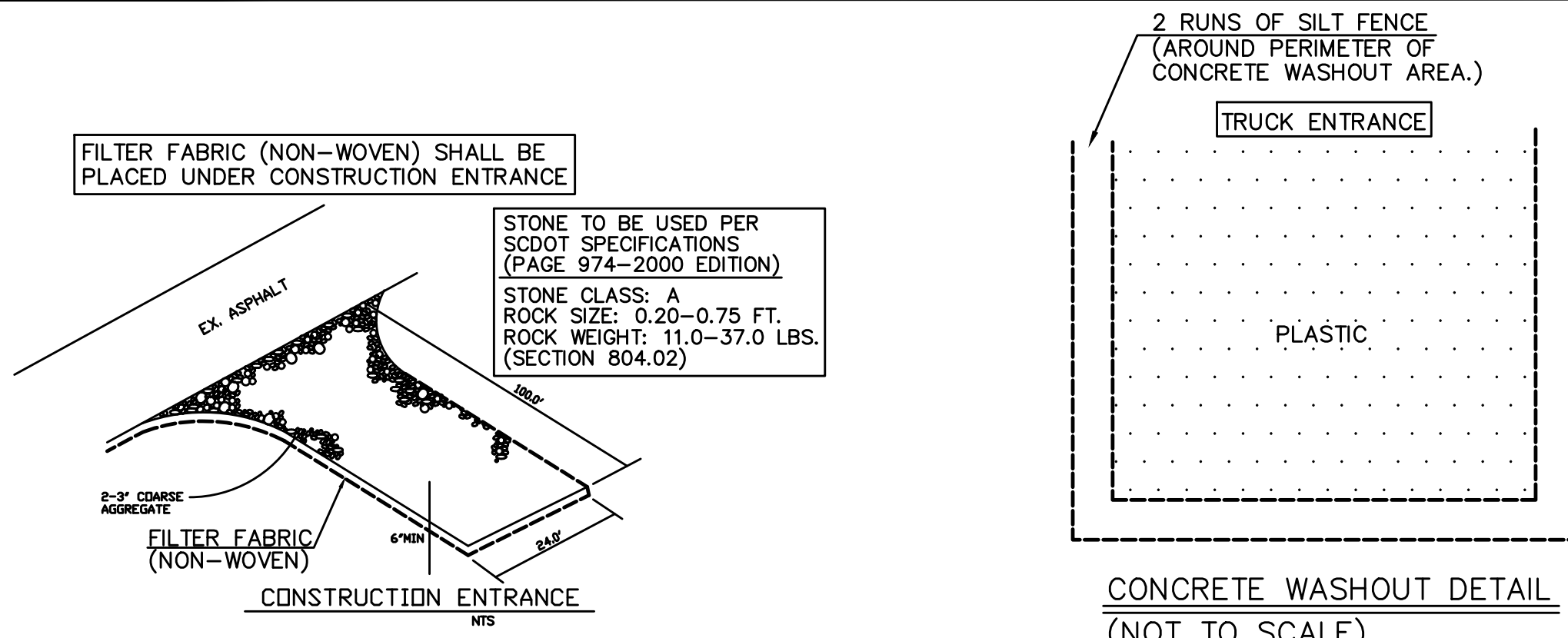
SCALE: SEE PLAN
JOB NO. WES-LOOP
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PERMANENT SEEDING - COASTAL AREAS SANDY, DROUGHTY SITES

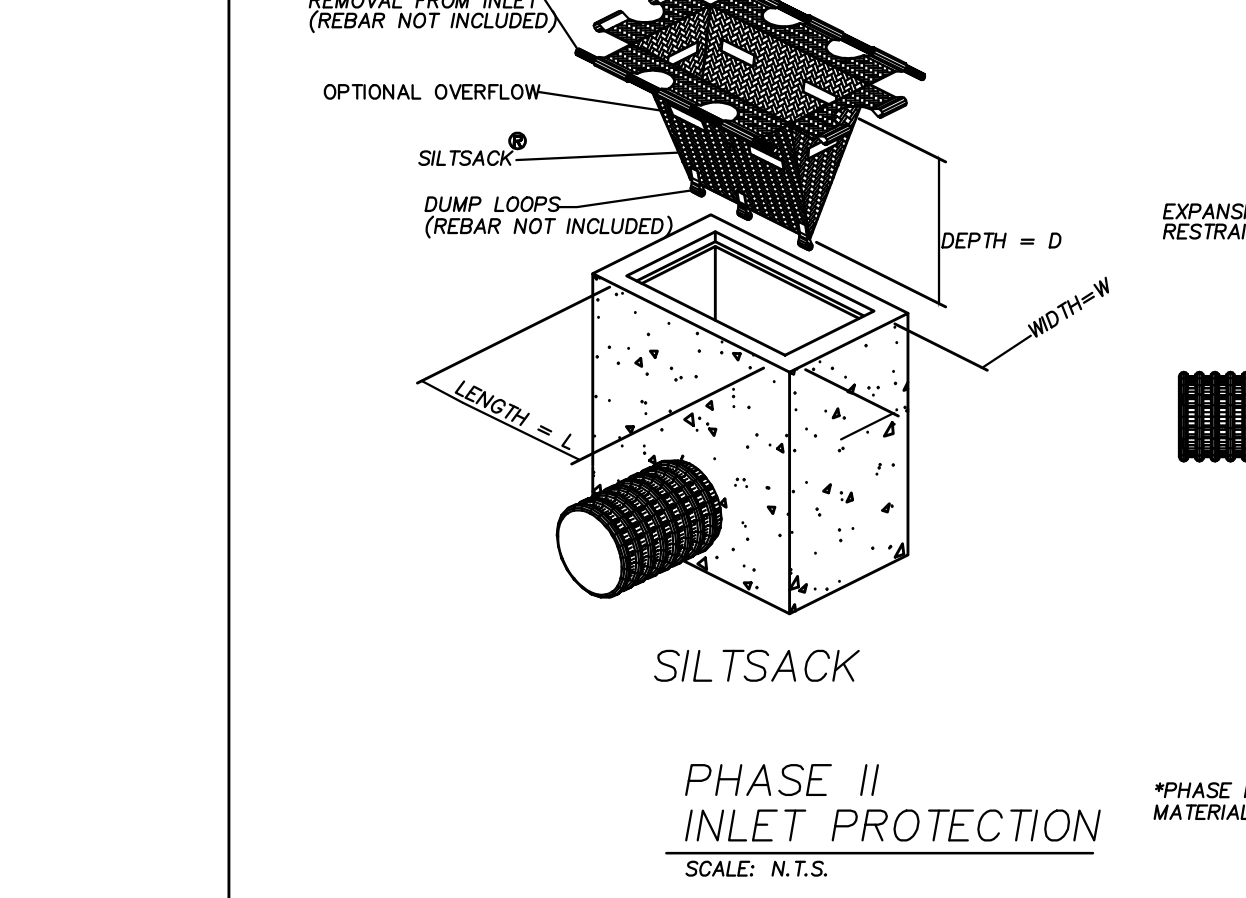
SPECIES	LBS./AC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Browtop Millet	10 lbs./ac.												
Bahiagrass	40 lbs./ac.												
Browtop Millet	10 lbs./ac.												
Bahiagrass	40 lbs./ac.												
Sericea Lespedeza	40 lbs./ac.												
Browtop Millet	10 lbs./ac.												
Atlantic Coastal Panicgrass PLS	15 lbs./ac.												
Browtop Millet	10 lbs./ac.												
Switchgrass	8 lbs./ac.												
Bahiagrass PLS	40 lbs./ac.												
Little Bluestem	4 lbs./ac.												
Sericea Lespedeza	20 lbs./ac.												
Browtop Millet	10 lbs./ac.												
Weeping Lovegrass	8 lbs./ac.												

TEMPORARY SEEDING - COASTAL AREAS SANDY, DROUGHTY SITES

SPECIES	LBS./AC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Browtop Millet	40 lbs./ac.												
Rye, Grain	56 lbs./ac.												

TEMPORARY SEEDING - COASTAL AREAS SANDY, DROUGHTY SITES

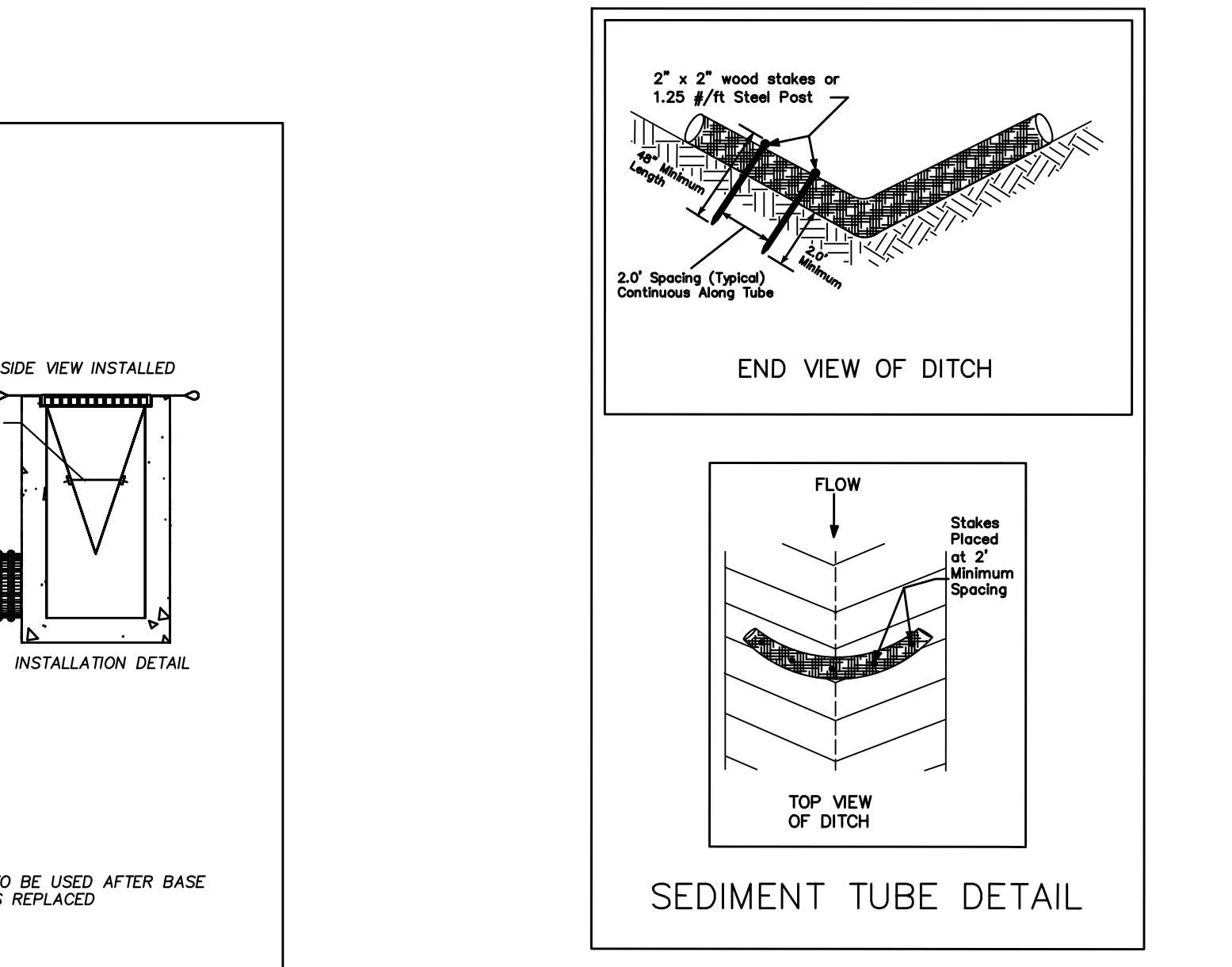
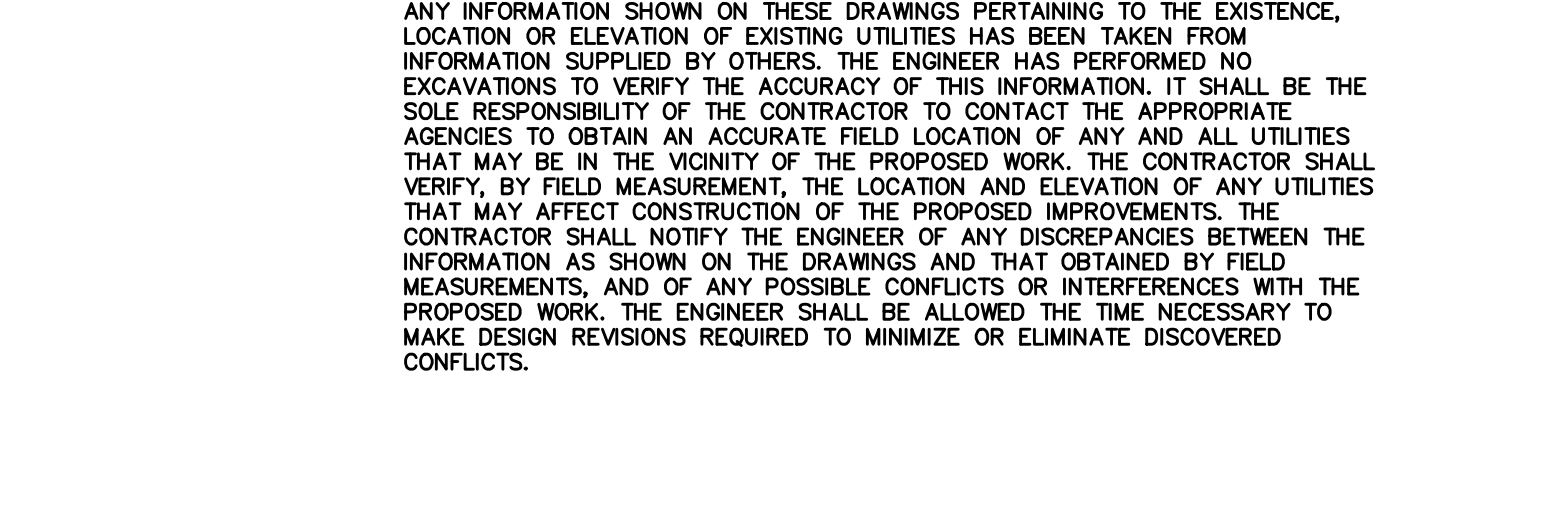
SPECIES	LBS./AC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Browtop Millet or Japanese Millet	40 lbs./ac.												
Rye, Grain or Oats	56 lbs./ac.												



INSPECTION NOTES:
1. WEEKLY INSPECTIONS AND REPORTS BY THE CONTRACTOR SHALL BE KEPT ON SITE AND BE READY AVAILABLE FOR THE ENGINEER AND/OR Horry COUNTY STORMWATER.
2. THE CONSTRUCTION ENTRANCE SHALL BE MAINTAINED DAILY-ALL MUD REMOVED.
3. FINAL DRAINAGE ASBULTS SHALL BE REQUIRED AND APPROVED BY Horry COUNTY STORMWATER DEPT. PRIOR TO THE ISSUANCE OF CERTIFICATE OF OCCUPANCY (CO).
4. THE LAND DISTURBANCE ACTIVITY WILL BE ACCOMPLISHED PURSUANT TO THE CONCEPT PLAN AND THE COUNTY HAS THE RIGHT OF CONDUCT ONSITE INSPECTIONS.

DISTRICT REQUIREMENTS:
1. ALL IMPACTED AREAS INCLUDING, BUT NOT LIMITED TO: SITE ACCESS, DRAINAGE INSTALLATION, CONCRETE, DEMOLISHING, CONCRETE WASHOUT, AND STAGING AREAS ARE TO BE GRADED AND SODDED AT CONCLUSION ACTIVITIES.
2. ALL IRRIGATION LINES DAMAGED SHALL BE REPAIRED PER THE DISTRICT CURRENT SPECIFICATIONS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING ALL NEW SOD UNTIL THE ROOT IS ESTABLISHED AND THE GRASS HAS A HEALTHY GROWTH.
4. THE SITE SHALL BE CLEANED OF ALL TRASH AND DEBRIS ON A DAILY BASIS.

GENERAL NOTE:
CONTRACTOR SHALL NOTIFY ENGINEER PRIOR TO START OF ANY CONSTRUCTION AND PARTICIPATE IN ANY PRE-CONSTRUCTION CONFERENCES AS MAY BE REQUIRED.
ANY INFORMATION SHOWN ON THESE DRAWINGS PERTAINING TO THE EXISTENCE, LOCATION OR ELEVATION OF EXISTING UTILITIES HAS BEEN TAKEN FROM INFORMATION SUPPLIED BY OTHERS. THE ENGINEER HAS PERFORMED NO EXCAVATIONS TO VERIFY THE ACCURACY OF THIS INFORMATION. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE APPROPRIATE AGENCIES TO OBTAIN AN ACCURATE FIELD LOCATION OF ANY AND ALL UTILITIES THAT MAY BE IN THE VICINITY OF THE PROPOSED WORK. THE CONTRACTOR SHALL VERIFY, BY FIELD MEASUREMENT, THE LOCATION AND ELEVATION OF ANY UTILITIES THAT MAY AFFECT CONSTRUCTION OF THE PROPOSED IMPROVEMENTS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN THE INFORMATION AS SHOWN ON THE DRAWINGS AND THAT OBTAINED BY FIELD MEASUREMENTS, AND OF ANY POSSIBLE CONFLICTS OR INTERFERENCES WITH THE PROPOSED WORK. THE ENGINEER SHALL BE ALLOWED THE TIME NECESSARY TO MAKE DESIGN REVISIONS REQUIRED TO MINIMIZE OR ELIMINATE DISCOVERED CONFLICTS.



STANDARD NOTES:

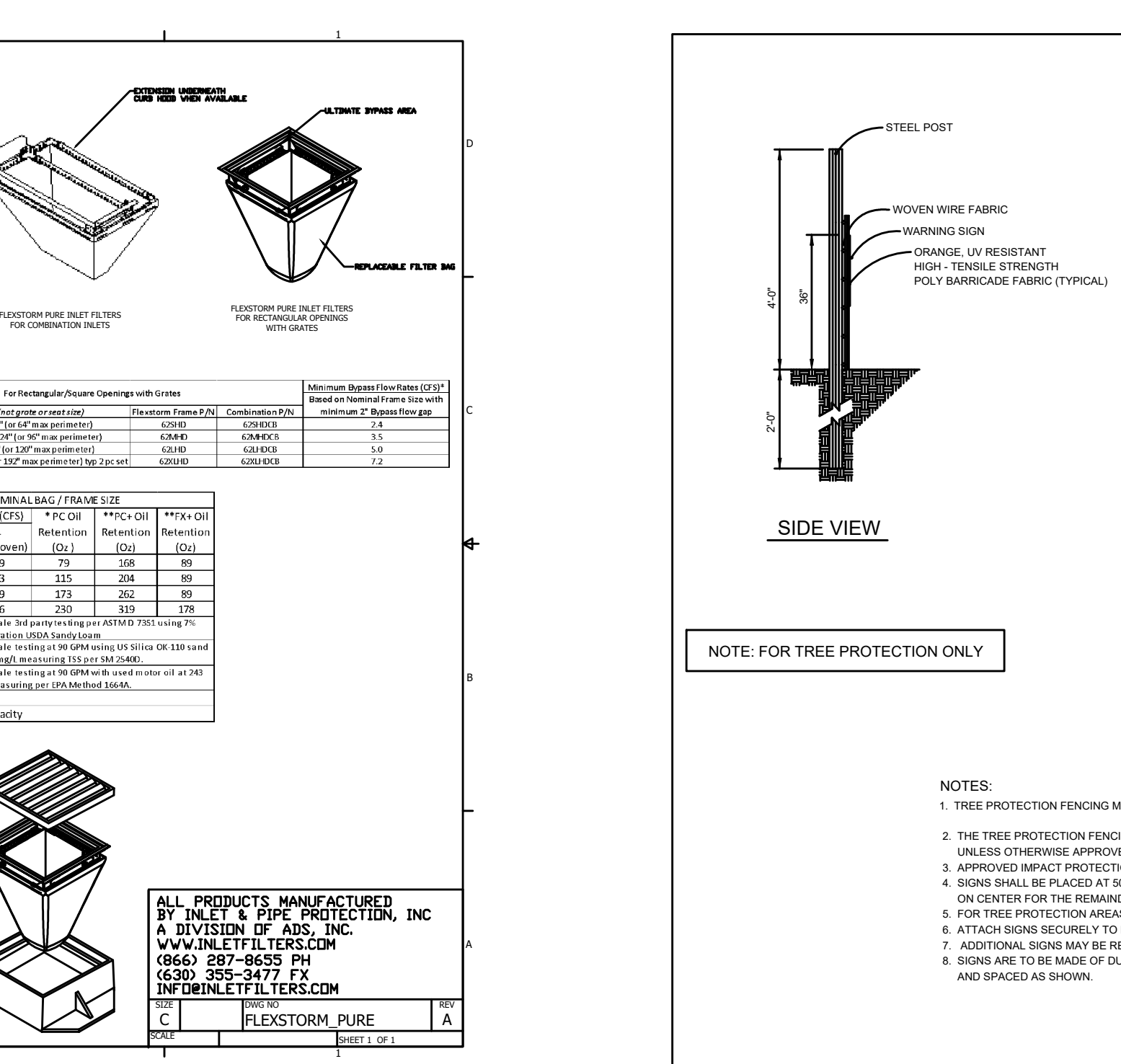
- IF NECESSARY, SLOPES, WHICH EXCEED EIGHT (8) VERTICAL FEET SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS, IN ADDITION TO HYDROSEEDING. IT MAY BE NECESSARY TO INSTALL TEMPORARY SLOPE DRAINING CONSTRUCTION. TEMPORARY BERMS MAY BE NEEDED UNTIL THE SLOPE IS BROUGHT TO GRADE.
- STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTION 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.
- ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED ONCE CALENDAR WEEK. IF PERIODIC INSPECTION OR OTHER INFORMATION INDICATES THAT A BMP HAS BEEN INAPPROPRIATELY OR INCORRECTLY, THE PERMITTEE MUST ADDRESS THE NECESSARY REPLACEMENT OR MODIFICATION REQUIRED TO CORRECT THE BMP WITHIN 48 HOURS OF IDENTIFICATION.
- PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED TO CONTROL SILT 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.
- 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 THE PAVED ROADWAY FROM CONSTRUCTION AREAS. 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 PRIOR TO CONSTRUCTION OR OBTAIN APPROVAL OF AN INDIVIDUAL PLAN IN ACCORDANCE WITH S.C. REG. 72-300 ET SEQ. AND SCR10000.
- 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 CANTY 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 STORMWATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORMWATER DISCHARGES.
- A COPY OF THE SWPPP, INSPECTIONS RECORDS AND RAINFALL DATA MUST BE RETAINED AT THE CONSTRUCTION SITE OF NEARBY LOCATION EASILY ACCESSIBLE DURING NORMAL BUSINESS HOURS, FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE OF THE 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 DEWATERING 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:
 - WATERWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL;
 - WASTEWATER FROM WASHOUT 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 AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE.
- 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 STANDARD, IMPLEMENTATION MUST BE COMPLETED BEFORE THE NEXT STORM EVENT IS IMPRACTICABLE. THE SITUATION MUST BE DOCUMENTED BY THE CONTRACTOR. IF ALTERNATIVE BMPs MUST BE IMPLEMENTED AS SOON AS REASONABLE 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.

FLEXSTORM PURE FILTERS FOR PERMANENT INLET PROTECTION PRODUCT SELECTION AND SPECIFICATION DRAWING

Filter Size	Flow Rate (GPM)	Flow Rate (MGD)	Flow Rate (MGD)	Flow Rate (MGD)	Flow Rate (MGD)	Flow Rate (MGD)	Flow Rate (MGD)	Flow Rate (MGD)	Flow Rate (MGD)
Small	1.5	1.2	0.8	0.9	0.9	0.9	0.9	0.9	0.9
Medium	2.1	1.7	1.2	1.3	1.3	1.3	1.3	1.3	1.3
Large	3.8	2.7	2.8	3.0	3.0	3.0	3.0	3.0	3.0
XL	4.2	3.6	2.4	2.4	2.4	2.4	2.4	2.4	2.4

INSTALLATION:
1. REMOVE GRATE.
2. DROP FLEXSTORM INLET FILTER INTO DIRT LEAVING LIP OF CONCRETE STRUCTURE.
3. REPLACE GRATE.

ALL PRODUCTS MANUFACTURED BY INLET FILTERS PROTECTION, INC. A DIVISION OF A.I.S., INC. WWW.INLETFILTERS.COM (630) 255-3477 FAX (630) 255-3477 FX INFO@INLETFILTERS.COM



NOTES:

- THE PROTECTION FENCING MUST BE INSTALLED AT A MINIMUM RADIUS OF THE CRITICAL ROOT ZONE.
- THE TREE PROTECTION FENCING MUST REMAIN IN PLACE FOR THE DURATION OF THE PROJECT UNLESS OTHERWISE APPROVED BY URBAN FORESTRY STAFF.
- APPROVED IMPACT PROTECTION DEVICES MUST BE REMOVED AFTER CONSTRUCTION WHEN APPLICABLE.
- SIGNS SHALL BE PLACED AT 50' MAXIMUM INTERVALS. PLACE A SIGN AT EACH END OF LINEAR TREE PROTECTION AND 50' ON CENTER FOR THE REMAINDER.
- FOR TREE PROTECTION AREAS LESS THAN 200' IN PERIMETER, PROVIDE NO LESS THAN ONE SIGN PER PROTECTED AREA.
- ATTACH SIGNS SECURELY TO ERECT POSTS AND LIPS.
- ADDITIONAL SIGNS MAY BE REQUIRED BY Horry COUNTY BASED ON ACTUAL FIELD CONDITIONS.
- SIGNS ARE TO BE MADE OF DURABLE, HIGH-TENSILE STRENGTH MATERIAL WITH LETTERS A MINIMUM OF 2" HIGH, CLEARLY LEGIBLE AND SPACED AS SHOWN.

DN ENGINEERING INC.
4664 DOCK ROAD
CONWAY, SC 29526
PHONE: 843-365-0187
EMAIL: DNORRIS@DNENGINEERING.COM

EROSION CONTROL DETAILS

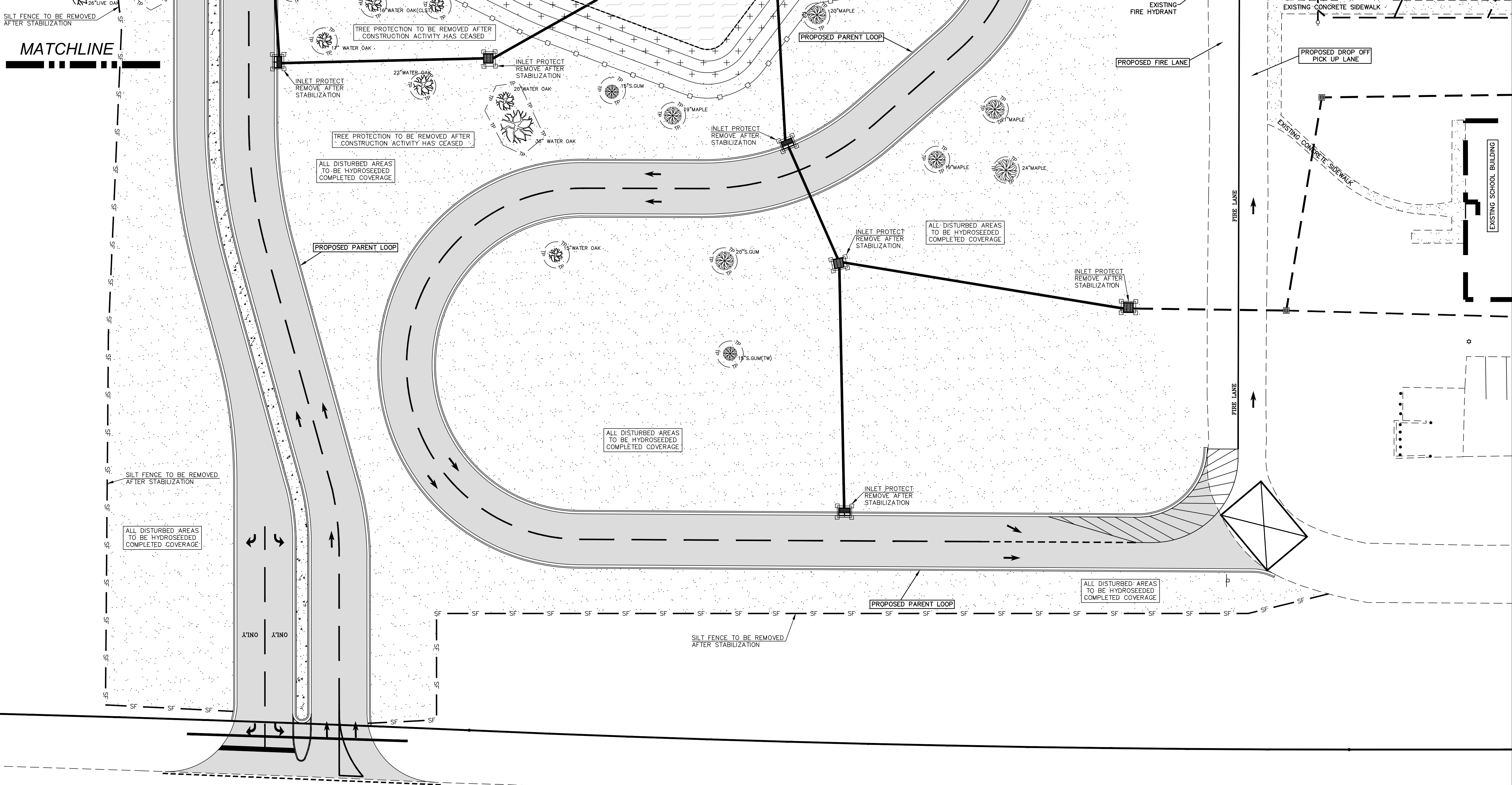
WATERWAY ELEMENTARY SCHOOL
NEW PARENT LOOP
ADDRESS: 700 SANDRIDGE RD. LITTLE RIVER, SC 29566
PREPARED FOR: Horry County School District

SCALE: SEE PLAN
JOB NO. WES-LOOP
DESIGNED BY: M.NORRIS
DRAWN BY: M.NORRIS
CHECKED BY: D.NORRIS
DATE: MARCH 23, 2022

REVISIONS

DATE

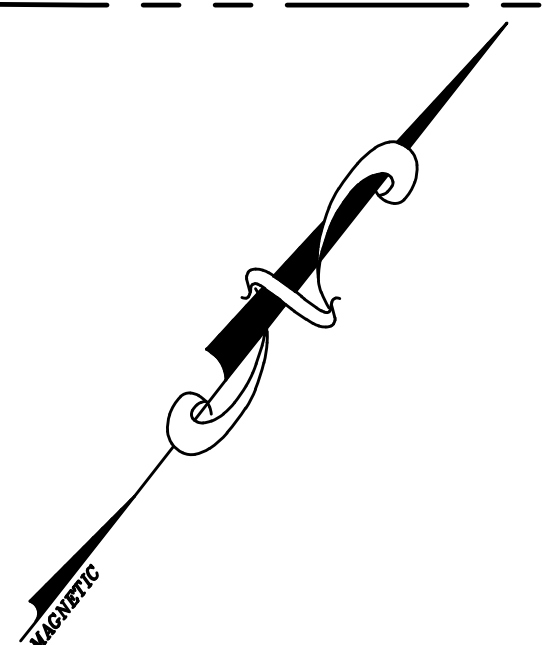
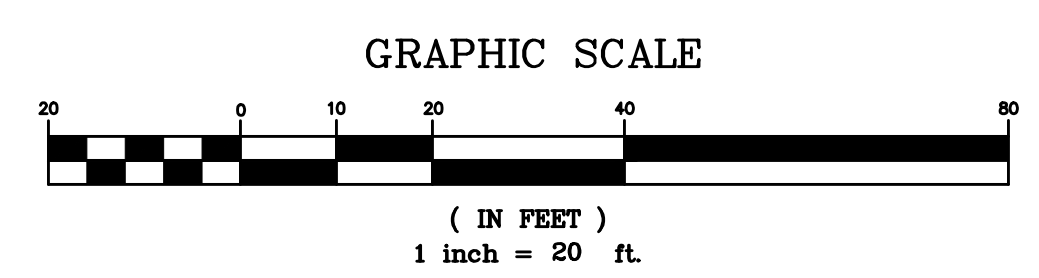
SHEET NUMBER: C12
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SAND RIDGE ROAD
66' PUBLIC R/W
(OFF-SYSTEM)

ACE WAY
50' PUBLIC R/W
(OFF SYSTEM)

- SEQUENCE OF CONSTRUCTION ACTIVITY-STAGE III**
1. SEEDING, SODDING, AND INSTALLATION OF LANDSCAPE
 2. REPAIR ANY WASHOUTS ON POND BANKS
 3. APPLY ADDITIONAL SEEDING TO ACHIEVE STABILIZATION
 4. FINAL SITE CLEANUP
 5. SUBMIT DRAINAGE ASBUILT TO Horry COUNTY
 6. REMOVAL OF EROSION CONTROL DEVICES AFTER STABILIZATION
 7. SUBMIT NOTICE OF TERMINATION FOR CLOSEOUT



VIEW-1

DN
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CONWAY, SC 29526
PHONE: 843-365-0187
EMAIL: DNORRIS@DNEENGINEERING.COM

HCS
Horry County Schools

EROSION CONTROL PLAN-STAGE III (V1)
WATERWAY ELEMENTARY SCHOOL
NEW PARENT LOOP
ADDRESS: 700 SANDRIDGE RD. LITTLE RIVER, SC 29566
PREPARED FOR:
Horry COUNTY SCHOOL DISTRICT

SCALE: SEE PLAN
JOB NO. WES-LOOP
DESIGNED BY: M.NORRIS
DRAWN BY: M.NORRIS
CHECKED BY: D.NORRIS
DATE: MARCH 23, 2022

NO.	REVISIONS	DATE

REPRODUCTION OR REUSE OF THIS DRAWING IN WHOLE OR IN PART WITHOUT PRIOR WRITTEN PERMISSION IS STRICTLY FORBIDDEN

DAVID M. NORRIS
DN ENGINEERING INC.
4664 DOCK ROAD
CONWAY, SC 29526
No. 10001
03/23/2022

SHEET NUMBER:
C13
13 OF 17

VIEW-2

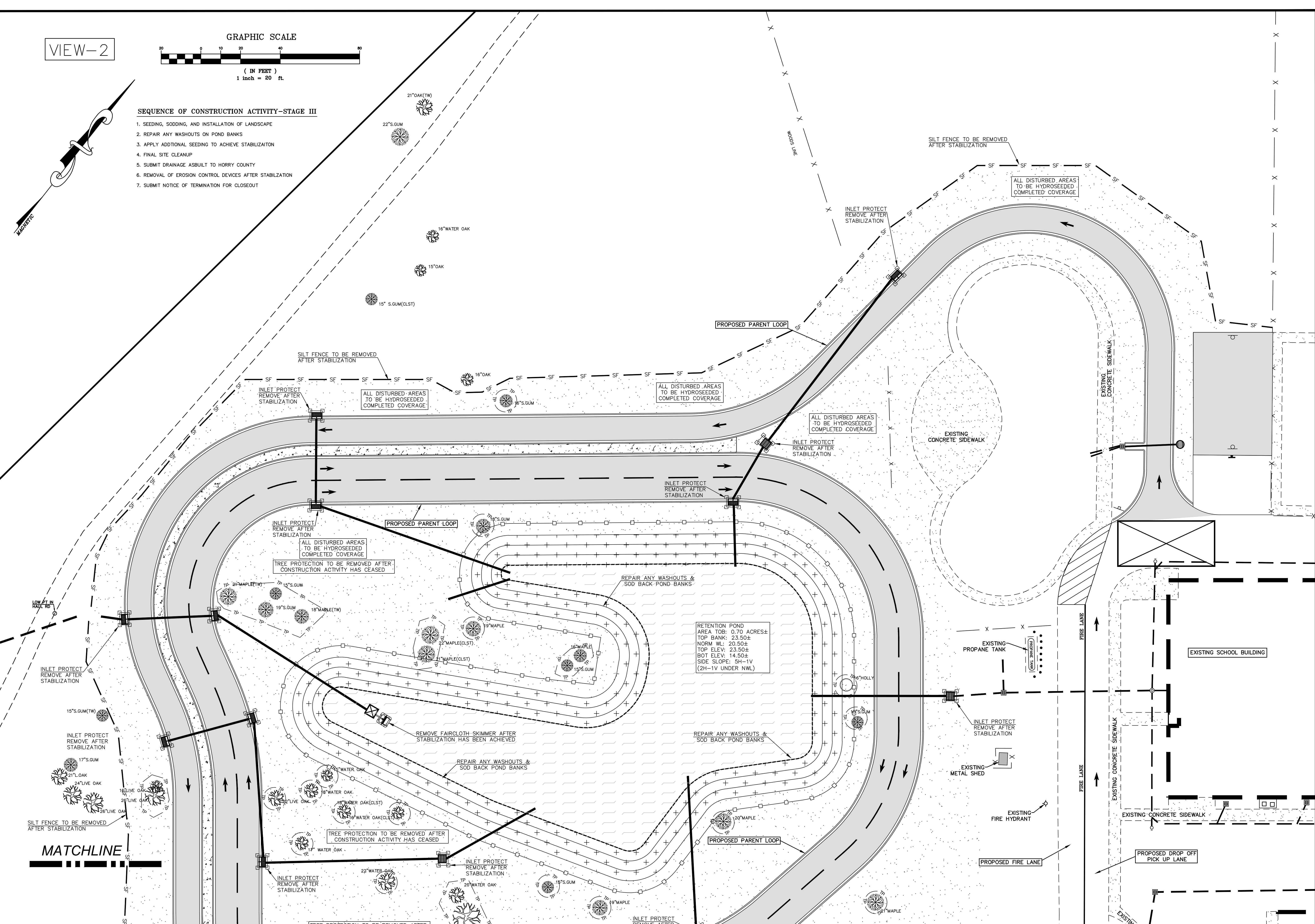
GRAPHIC SCALE



(IN FEET)
1 inch = 20 ft.

SEQUENCE OF CONSTRUCTION ACTIVITY-STAGE III

1. SEEDING, SODDING, AND INSTALLATION OF LANDSCAPE
2. REPAIR ANY WASHOUTS ON POND BANKS
3. APPLY ADDITIONAL SEEDING TO ACHIEVE STABILIZATION
4. FINAL SITE CLEANUP
5. SUBMIT DRAINAGE ASBUILT TO HORRY COUNTY
6. REMOVAL OF EROSION CONTROL DEVICES AFTER STABILIZATION
7. SUBMIT NOTICE OF TERMINATION FOR CLOSEOUT



MATCHLINE

DN
DN ENGINEERING INC.
 4664 DOCK ROAD
 CONWAY, SC 29526
 PHONE: 843-365-0187
 EMAIL: DNORRIS@DNENGINEERING.COM

HCS
 Horry County Schools

EROSION CONTROL PLAN-STAGE III (V2)
 WATERWAY ELEMENTARY SCHOOL
 NEW PARENT LOOP
 ADDRESS: 700 SANDRIDGE RD. LITTLE RIVER, SC 29566
 PREPARED FOR: Horry County School District

SCALE: SEE PLAN
 JOB NO. WES-LOOP
 DESIGNED BY: M.NORRIS
 DRAWN BY: M.NORRIS
 CHECKED BY: D.NORRIS
 DATE: MARCH 23, 2022

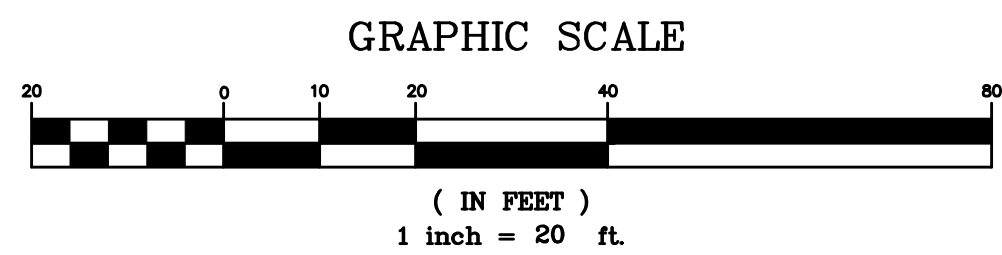
NO.	DATE	REVISIONS

Professional Engineer Seal for David M. Norris, State of South Carolina, License No. 10001, dated 03/23/2022.

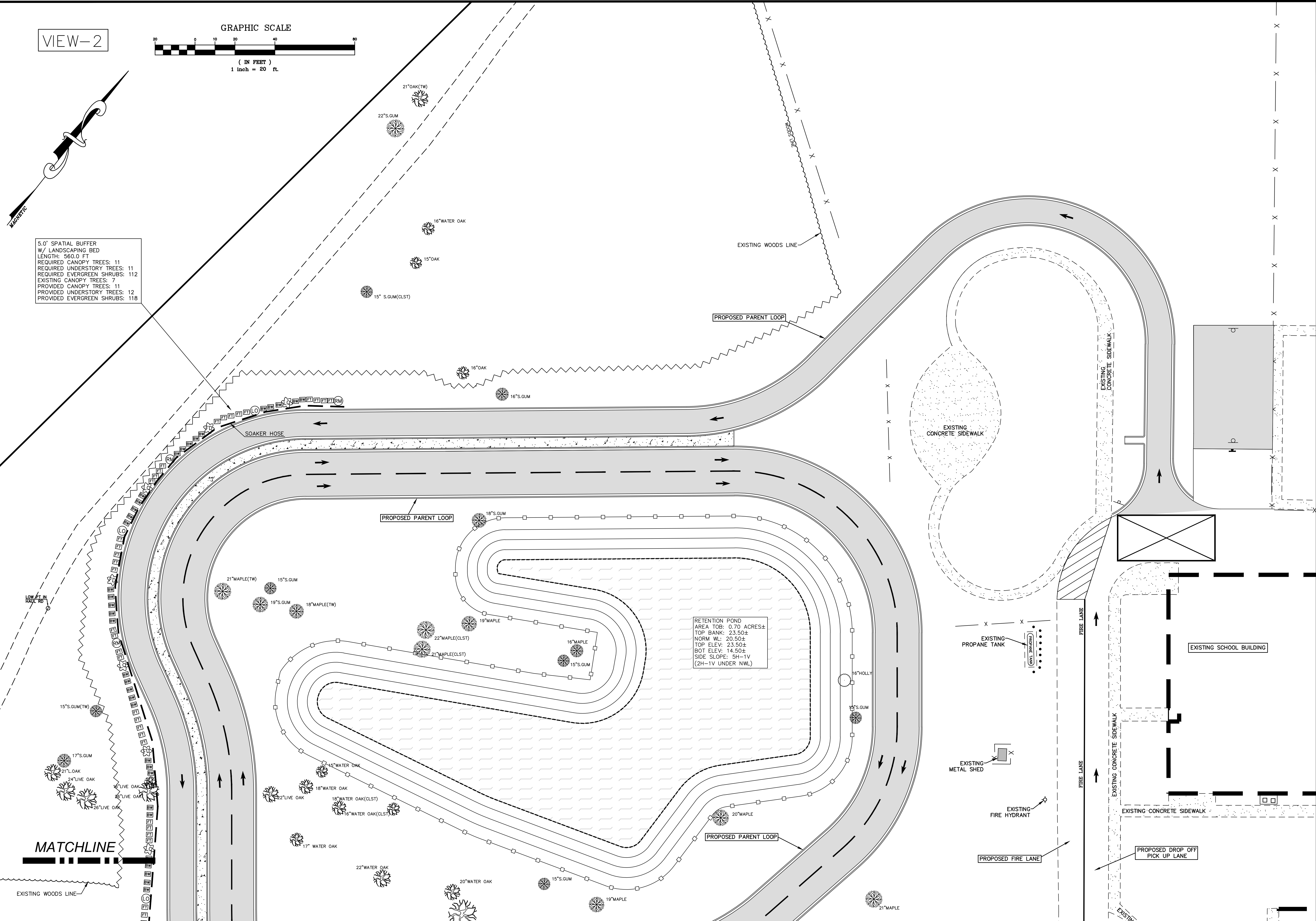
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VIEW-2



5.0' SPATIAL BUFFER
W/ LANDSCAPING BED
LENGTH: 560.0 FT
REQUIRED CANOPY TREES: 11
REQUIRED UNDERSTORY TREES: 11
REQUIRED EVERGREEN SHRUBS: 112
EXISTING CANOPY TREES: 7
PROVIDED CANOPY TREES: 11
PROVIDED UNDERSTORY TREES: 12
PROVIDED EVERGREEN SHRUBS: 118



MATCHLINE



DN ENGINEERING INC.
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CONWAY, SC 29526
PHONE: 843-365-0187
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PROPOSED LANDSCAPING PLAN (V2)
WATERWAY ELEMENTARY SCHOOL
NEW PARENT LOOP
ADDRESS: 700 SANDRIDGE RD. LITTLE RIVER, SC 29566
PREPARED FOR:
HORRY COUNTY SCHOOL DISTRICT

SCALE: SEE PLAN
JOB NO. WES-LOOP
DESIGNED BY: M.NORRIS
DRAWN BY: M.NORRIS
CHECKED BY: D.NORRIS
DATE: MARCH 23, 2022

NO.	REVISIONS	DATE

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