				–
South Carolina 811. Call 811 Before you Dig	ZONING TABLE TMS # 066-00-01-118 PIN # 236-00-00-0008 CURRENT OWNER HORRY COUNTY BOARD OF EDUCATION ZONING N/A OVERLAY N/A SETBACKS N/A I HAVE PLACED MY SIGNATURE AND SEAL DOCUMENTS SUBMITTED SIGNIFYING THAT FOR THE DESIGN OF THE SYSTEM. FURTHER BEST OF MY KNOWLEDGE AND BELIEF THAT CONSISTENT WITH THE REQUIREMENTS OF OF THE CODE OF LAWS OF SC, 1976 AS OF REGULATION 72-300 ET SEQ. (IF APP ACCORDANCE WITH THE TERMS AND COND	ON THE DESIGN ACCEPT RESPONSIBILITY R, I CERTIFY TO THE I THE DESIGN IS ITLE 48, CHAPTER 14	GRAPHIC SCALE SO 0 30 60 120 240	
	AREA 32.98 ACRES±	OWNER ASSN INC	(IN FEET) 1 inch = 60 ft.	
SHEET INDEX C1: MASTER PLAN C2: EROSION CONTROL PLAN-STAGE I (V1)	DISTURBED AREA 6.90 ACRES± BUILDING USE MIDDLE SCHOOL DAVID W. NORRIS #18001 BLUE JACKET DR (PRIVATE R/W)	LOT 56 236-03-03-0007 D.B. 4022, PG. 1878	JOB JOB	INC.
C3: EROSION CONTROL PLAN-STAGE I (V2) C4: EROSION CONTROL PLAN-STAGE I (V3) C5: PROPOSED SITE PLAN (V1)	(PRIVATE TO	GUNTER COLE ETAL LOT 55 S S S S S S S S S S S S S S S S S S	SITE SITE	
C6: PROPOSED SITE PLAN (V2) C7: PROPOSED SITE PLAN (V3) C8: PROPOSED DRAINAGE PLAN (V1)	GREENFIELD ESTATES	CARL CARL	TAN TO THE TO TH	NGINEERING DOCK ROAD
C9: PROPOSED DRAINAGE PLAN (V2) C10: PROPOSED DRAINAGE PLAN (V3) C11: PROPOSED GRADING PLAN (V1)	GREENFIELD ESTATES OWNER ASSN INC 236-03-03-0018 D.B. 3980, PG. 788			INE]
C12: PROPOSED GRADING PLAN (V2) C13: PROPOSED GRADING PLAN (V3) C14: CONSTRUCTION DETAILS	THOMAS CHERYL L		NORAK DENWIS J. 236-1.	ENG 4 DC
C15: EROSION CONTROL PLAN-STAGE II (V1) C16: EROSION CONTROL PLAN-STAGE II (V2) C17: EROSION CONTROL PLAN-STAGE II (V3) C18: EROSION CONTROL DETAILS	THOMAS CHERYL L LOT 57 236-03-04-0019 D.B. 3879, PG. 291		### BLACKWATER LLC 236-00-0009	DN J
C18. EROSION CONTROL DETAILS C19: SCDOT CONSTRUCTION DETAILS C20: SCDOT CONSTRUCTION DETAILS C21: EROSION CONTROL PLAN-STAGE III (V1)	LEES WILLIAM J ETAL LOT 58 236-03-04-0020 D.B. 4319, PG. 2877			
C22: EROSION CONTROL PLAN-STAGE III (V2) C23: EROSION CONTROL PLAN-STAGE III (V3) C24: SCDOT STRIPING DETAILS	D.B. 4319, PG. 2877			Horry Co
	JOHNSON KELLY W LOT 59 236-03-04-0021 D.B. 3927, PG. 1340			
	D.B. 3927, PG. 1340		DAMIANO JOSEPH ETAL LOT 9 236-03-03-0018 D.B. 4254, PG. 3108	
	VIEW "2" SMITH ROBERT ETAL LOT 60 236-03-04-0022	EXISTING EMERGENCY ACCESS ROAD EXISTING EMERGENCY ACCESS ROAD		
	D.B. 3907, PG. 2566			
	COX CHASE O LOT 61			
\$0.000 (20)	236-03-04-0023 D.B. 3968, PG. 2647		RABON JONATHAN LOT 8	
	TILGHMAN RONALD CLAY II ETAL LOT 62 236-03-04-0024 D.B. 3970, PG. 754	EXISTING SCHOOL	236-03-03-0019 D.B. 3258, PG. 2179	
	BELUE LINDSAY NICOLE PROPOSED PARENT LOOP	/*	The state of the s	
	LOT 63 236-03-04-0025 D.B. 4019, PG. 244 EGRESS LANE			SCALE: JOB NO. DESIGNED BY:
		EXISTING SCHOOL	DUNCAN MELLISSA H LOT 7 236-03-03-0020 D.B. 3643, PG. 1500	DESIGNED BY: DRAWN BY: CHECKED BY: DATE:
	PERRY AUSTIN JAMES ETAL LOT 64 236-03-04-0026 D.B. 3924, PG. 2909	EXISTING MIDDLE SCHOOL		
		EXISTING MIDDLE SCHOOL	VIEW "3"	
	WESNESKY CAITLIN LOT 65 236-03-04-0027 D.B. 3424, PG. 1353		HOWELL HOMES LOT 6 236-03-03-0021	BDDEN
	MATCHLINE-A	PROPOSED PARENT LOOP	236-03-03-0021 D.B. 4297, PG. 894	ICTLY FORE
	VIEW "1" KAMEL STEVE IBRAHIM LOT 66 236-06-01-0005 D.B. 4014, PG. 508		EXISTING RETENTION GAHAGEN BRENNA K LOT 5 236-03-03-0022 D.B. 4327, PG. 3084	ON IS STR
			NEW FIRE LANE	PERMISSI
	HENNECY LEIGH LOT 67 236-06-01-0004 D.B. 4049, PG. 2503 LOT 67 PARENT QUEUING LANE	NEW FIRE LANE	NEW FIRE LANE	DR WRITTEN
	LOWRIMORE PAMELA D	PROPOSED PARENT LOOP		HOUT PRIC
	LOT 68 236-06-01-0003 D.B. 3426, PG. 602	GATE	SIMMONS BRANDON R LOT 1	PART WIL
	EGRESS LANE BALENTINE JULIE M		236-03-0024 D.B. 4334, PG. 1250	IOLE OR IN
	LOT 69 236-06-01-0002 D.B. 4023, PG. 1667		DRURY THOMAS P LOT 2 236-03-03-0023 D.B. 4435 PG. 1230	DAYD V DN ENGN A664 DU CONWAY, No.
	HANEY LAWRENCE W	STACK PARENT QUEUING LANE		THIS DRAW
	HANEY LAWRENCE W LOT 70 236-06-01-0001 D.B. 2024, PG. 232	EGRESS LANES PROPOSED PARENT LOOP		REUSE OF
	FRYE RD (S-128)	FRYE	C RD (S-128)	OILO OILO
			BOO AADT)	REPRODUC (



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

AYNOR MIDDLE SCHOOL NEW PARENT LOOP RESS: 400 FRYE RD. GALIVANTS FERRY, SC 29544 PREPARED FOR: HORRY COUNTY SCHOOL DISTRICT

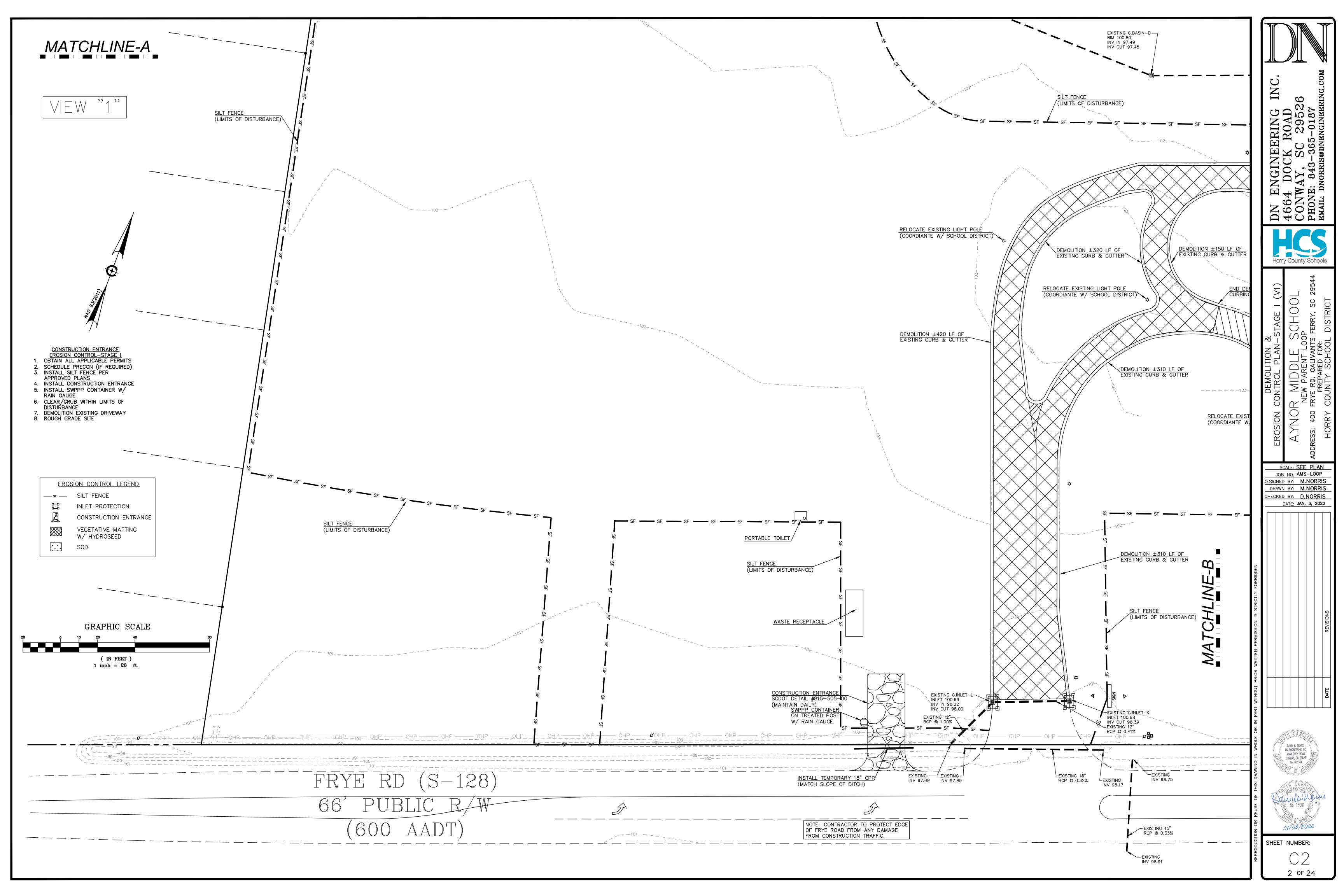
ALE: SEE PLAN
NO. AMS-LOOP
BY: M.NORRIS
BY: M.NORRIS
BY: D.NORRIS
ATE: JAN. 3, 2022

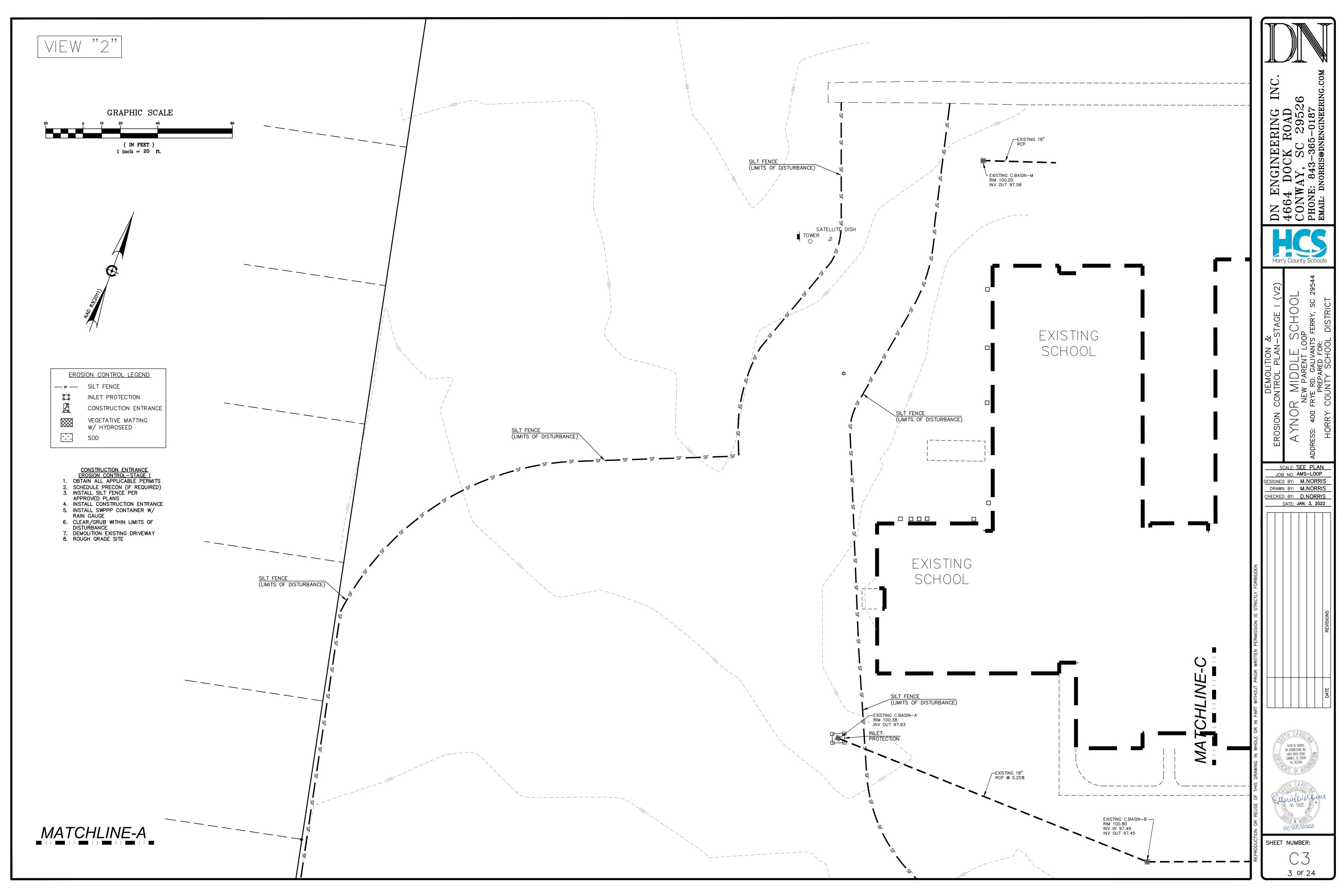


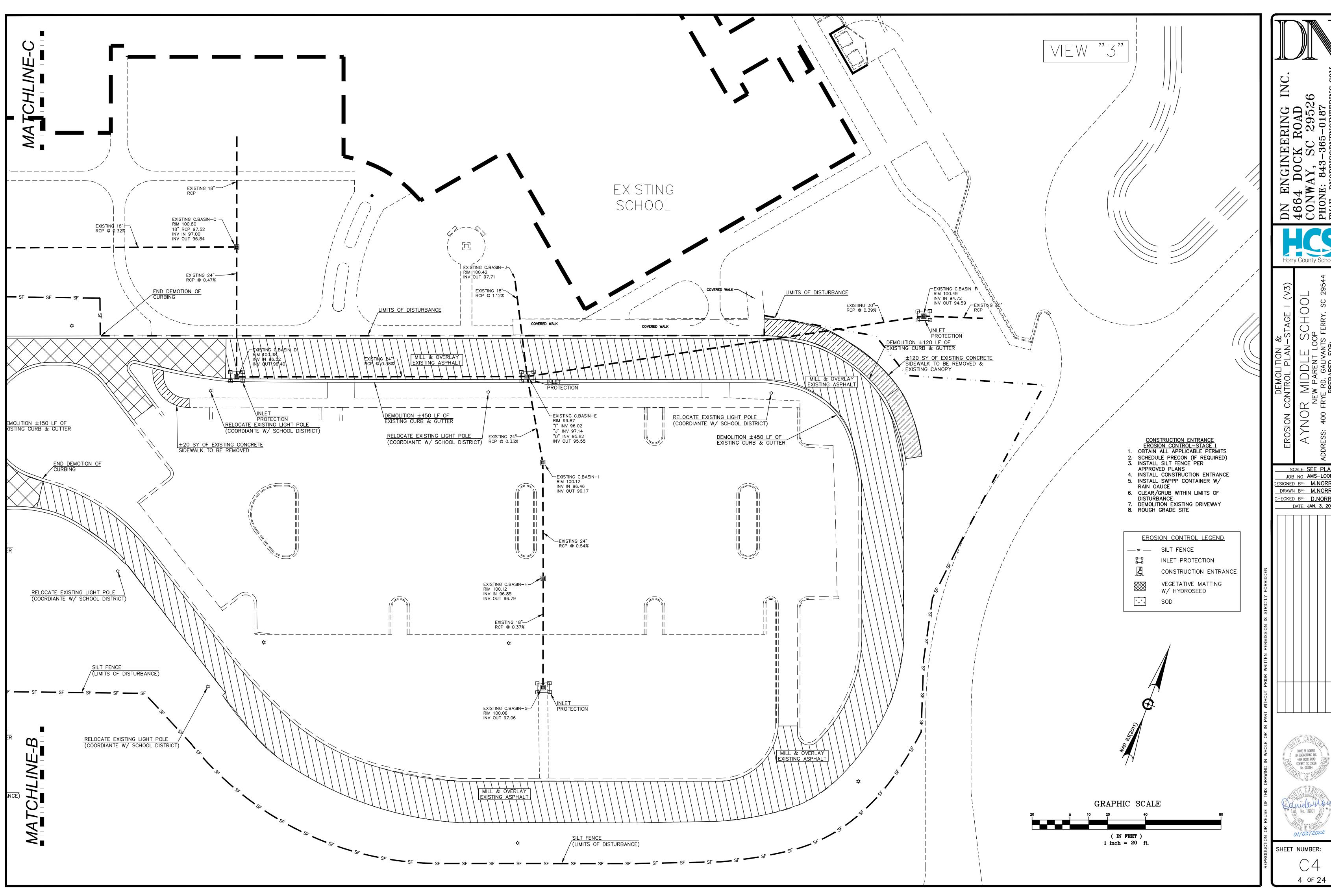


NUMBER: C1

OF 24

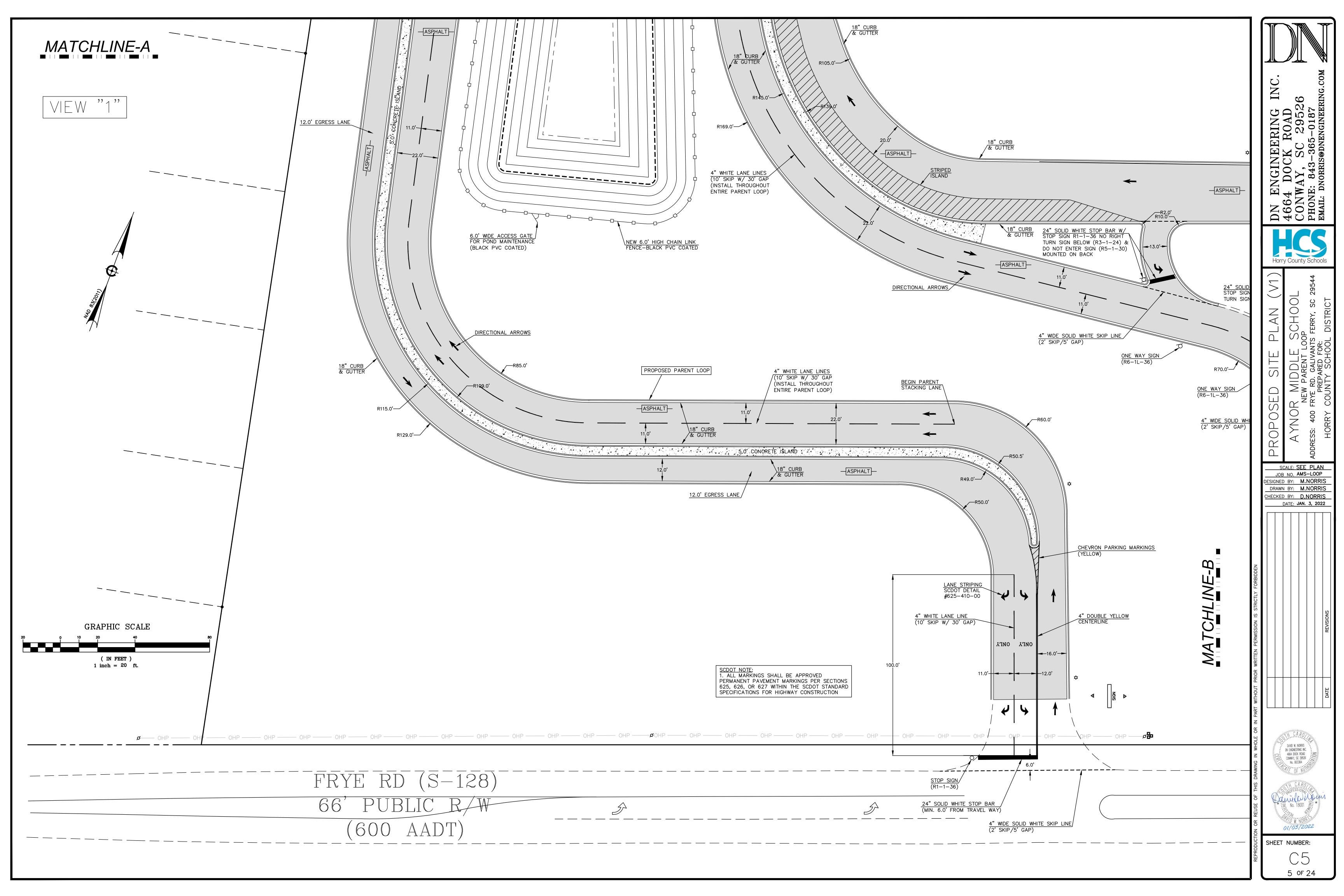


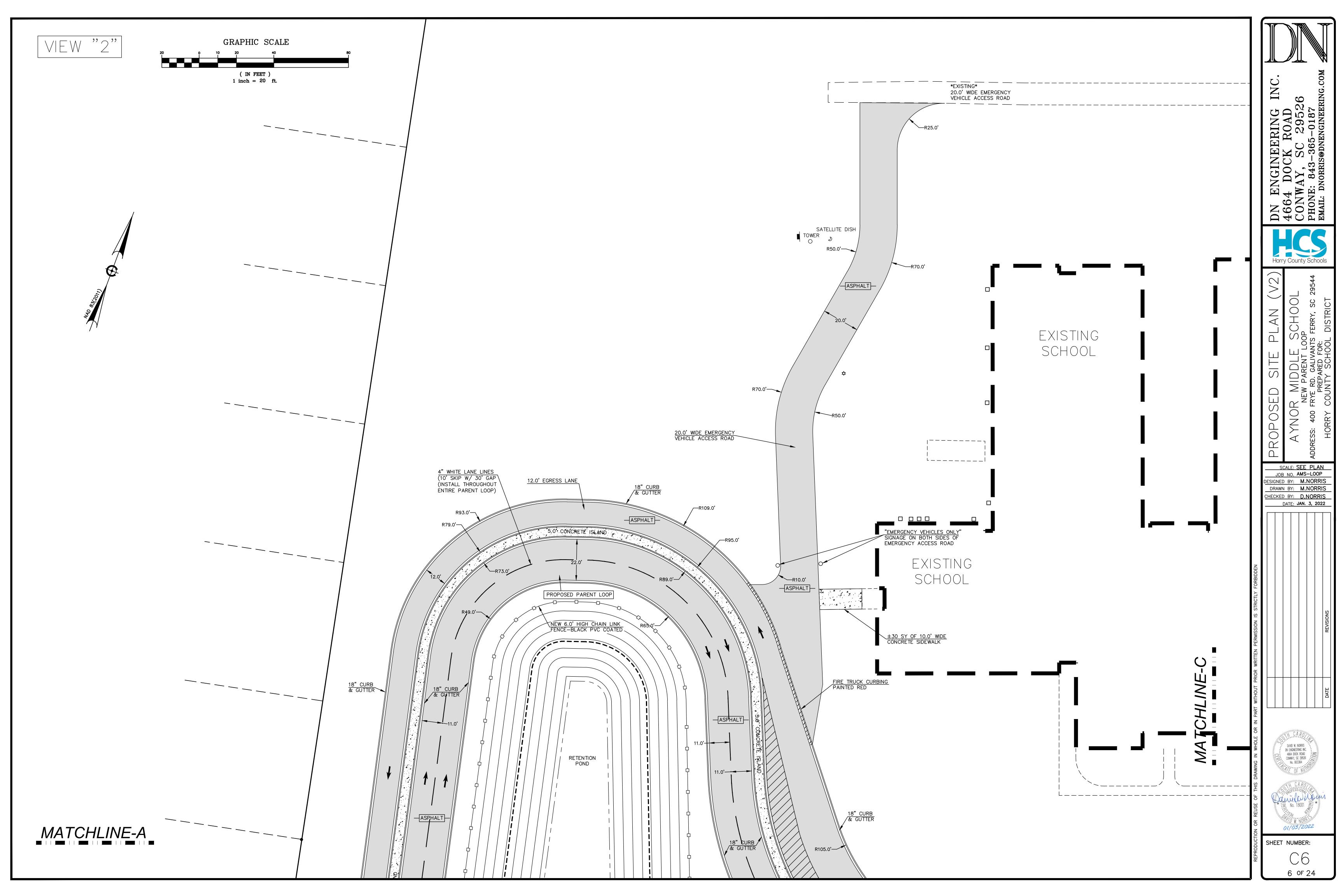


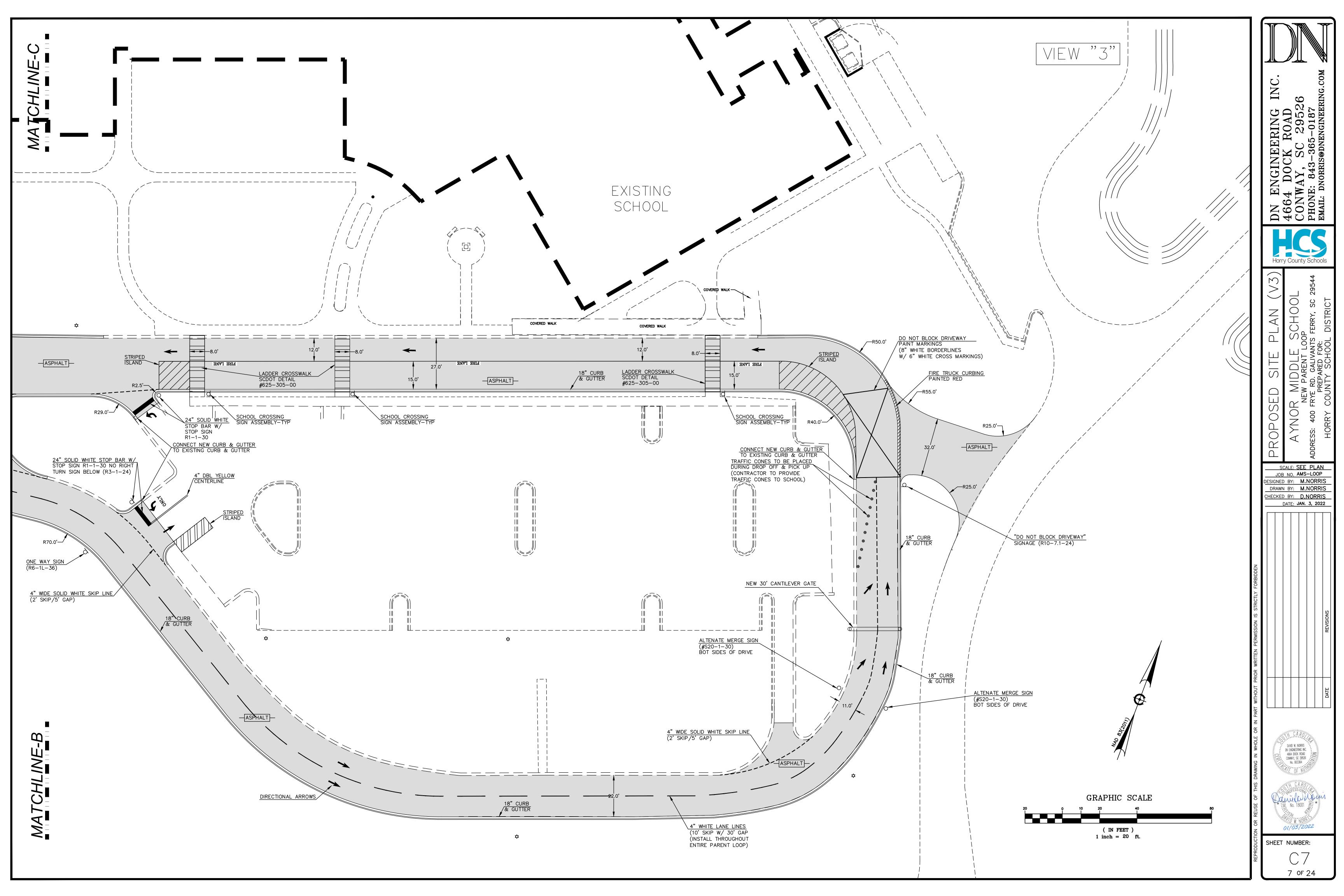


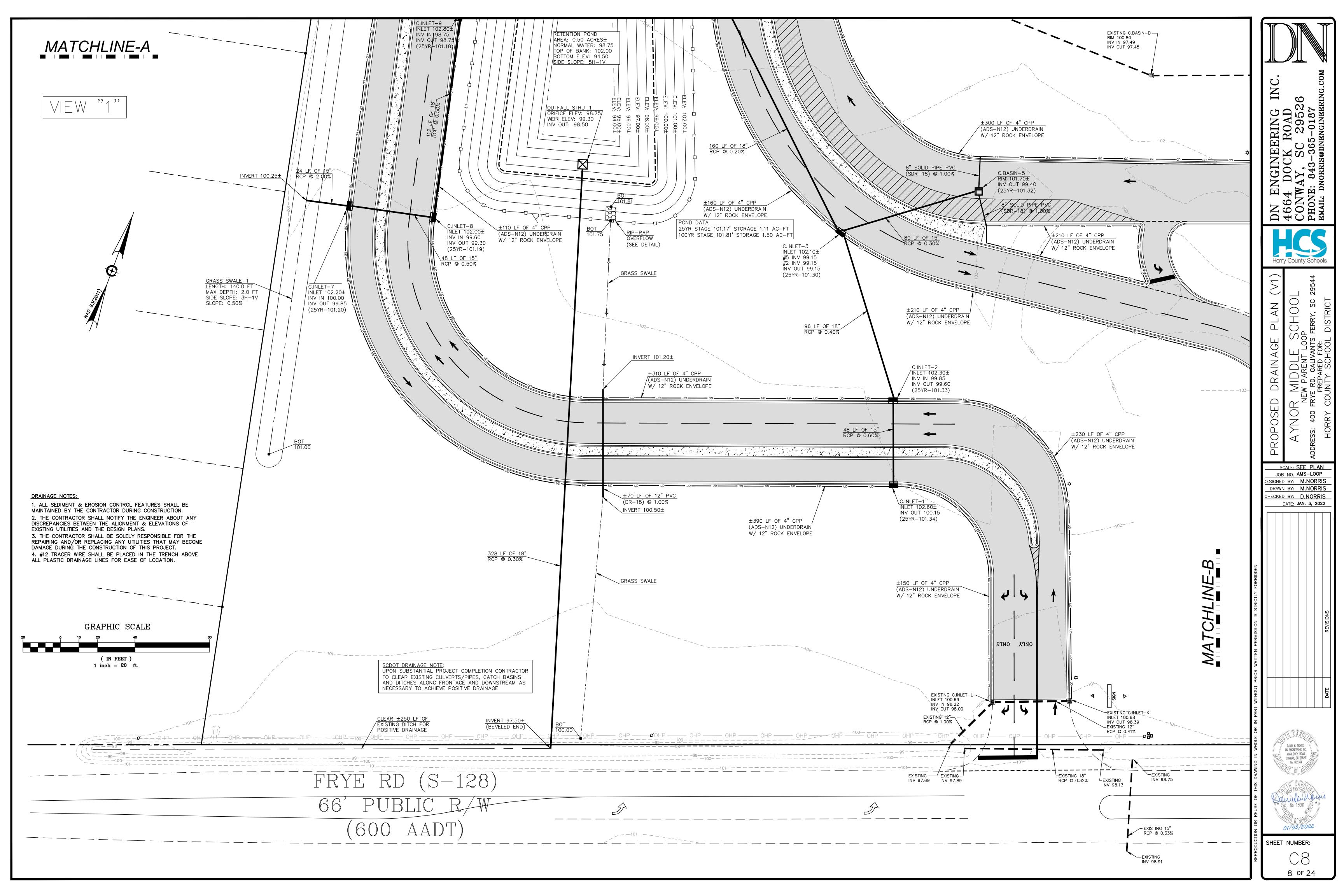
Horry County Schools JOB NO. AMS-LOOP DESIGNED BY: M.NORRIS DRAWN BY: M.NORRIS CHECKED BY: D.NORRIS DATE: **JAN. 3, 2022**

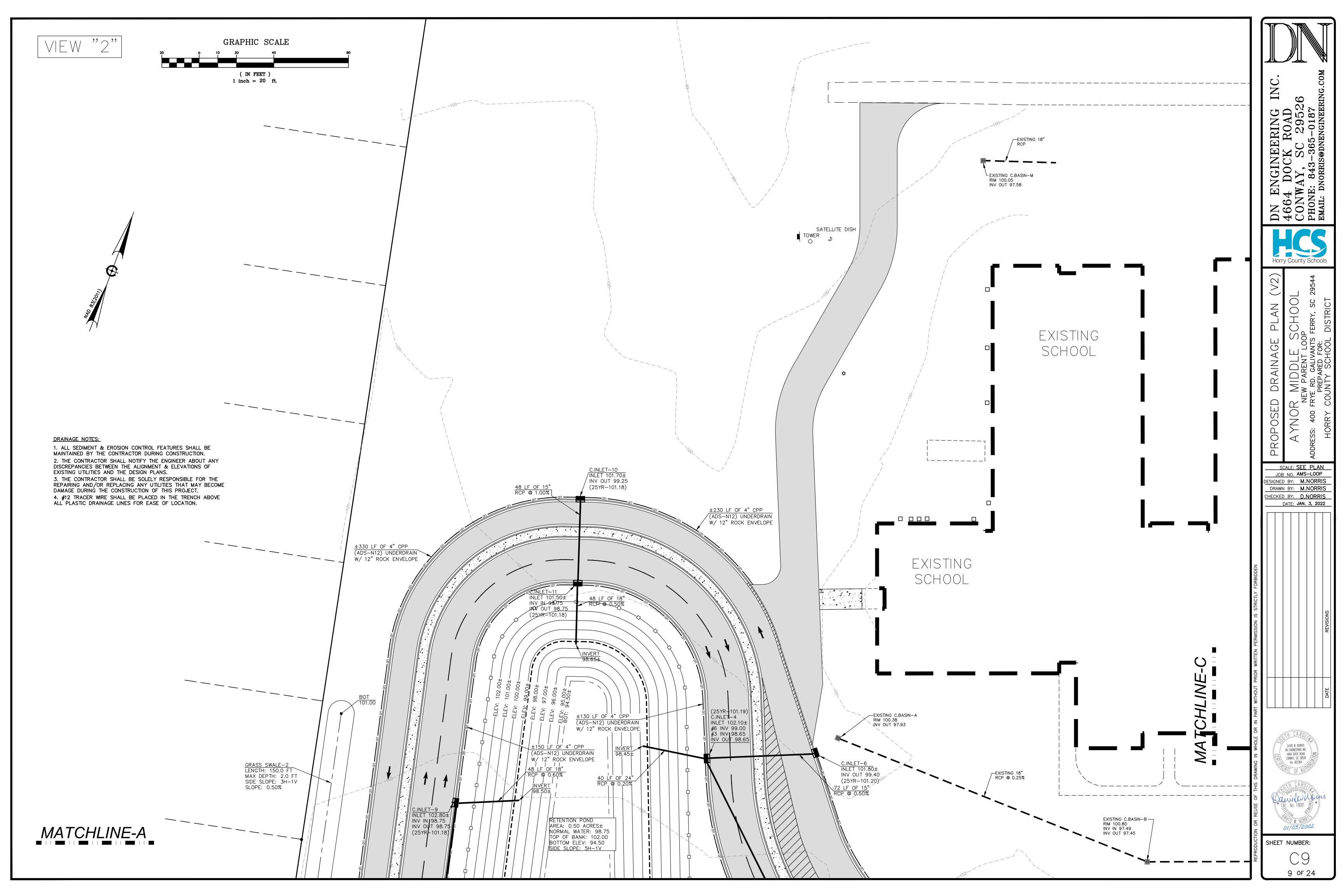


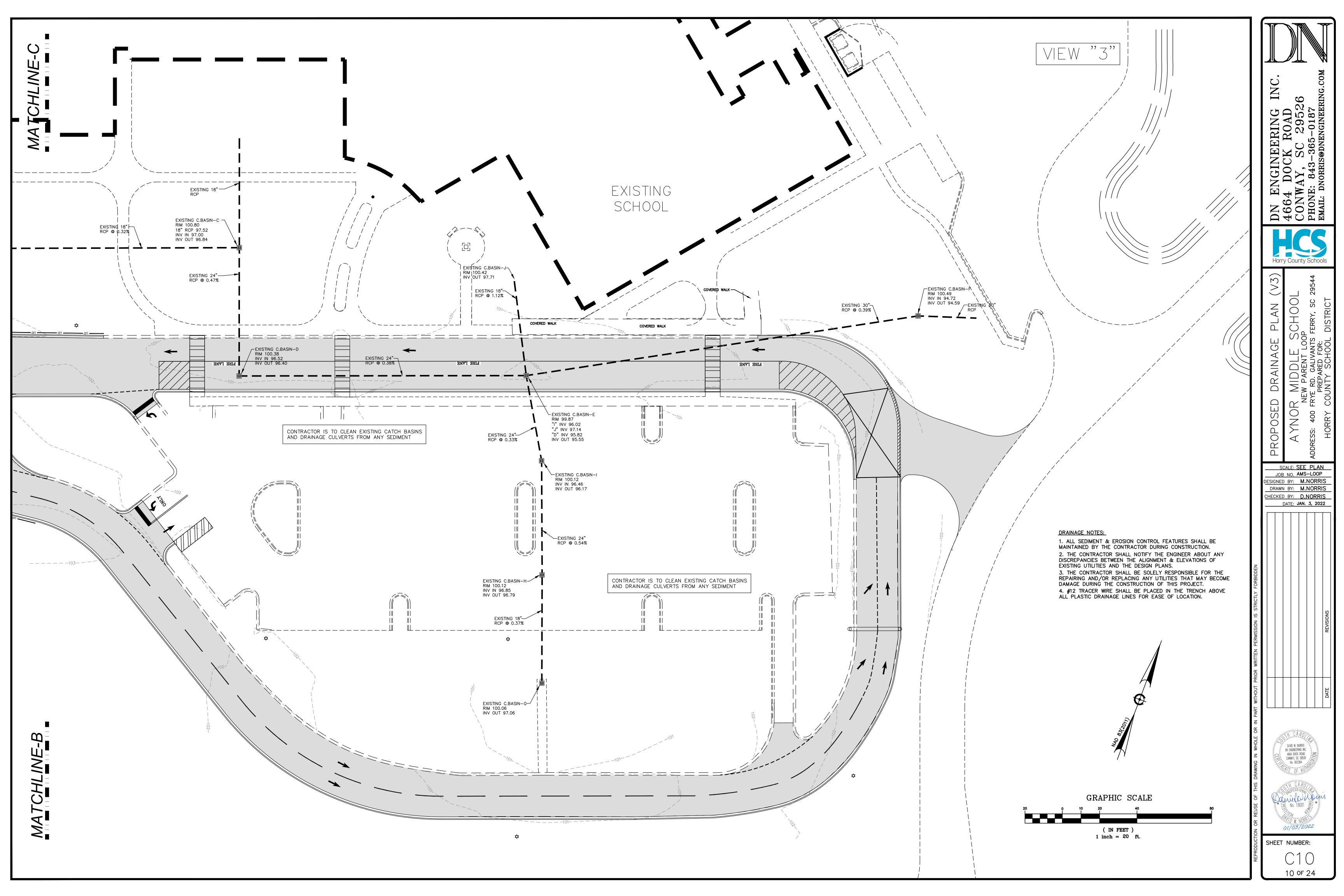


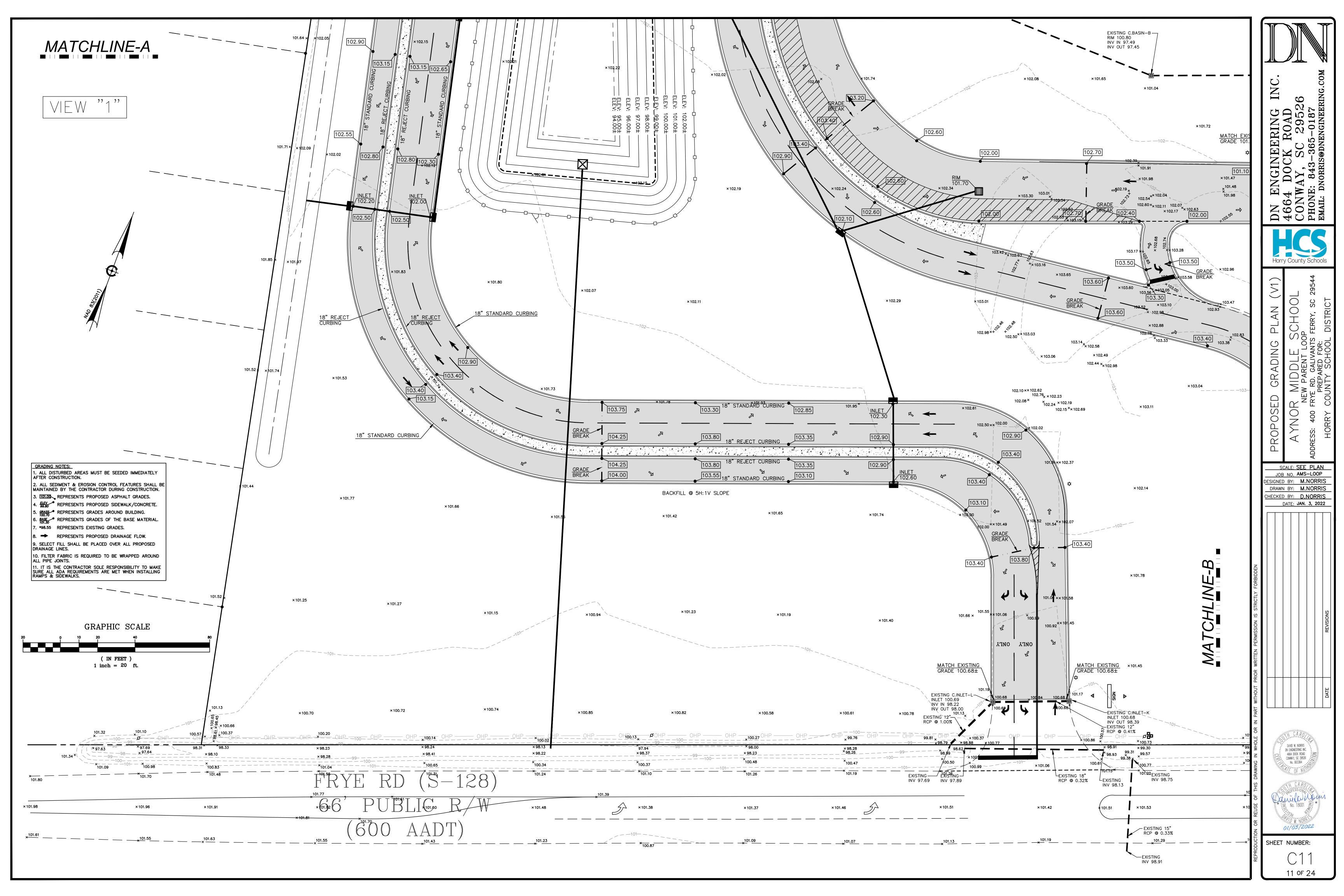


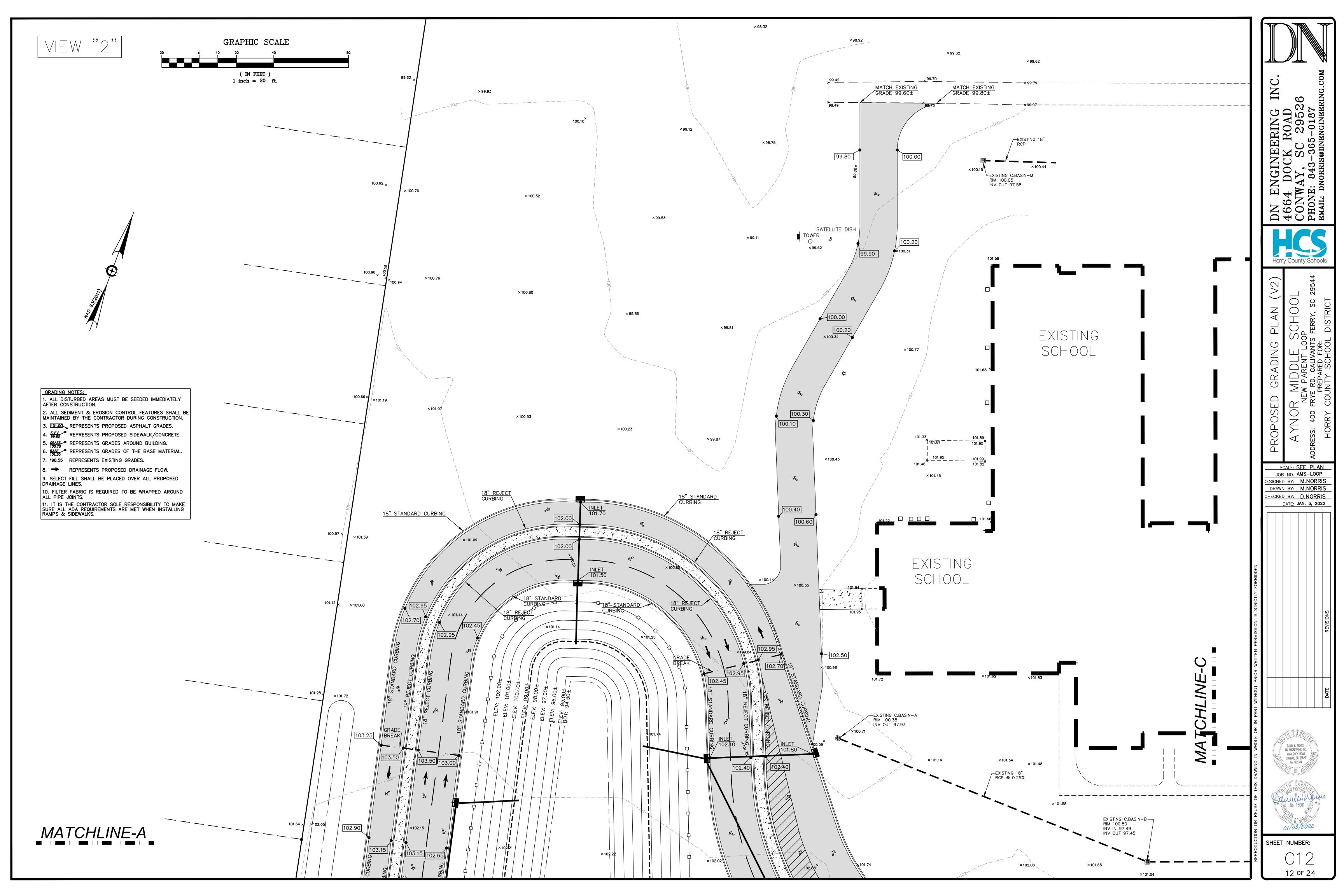


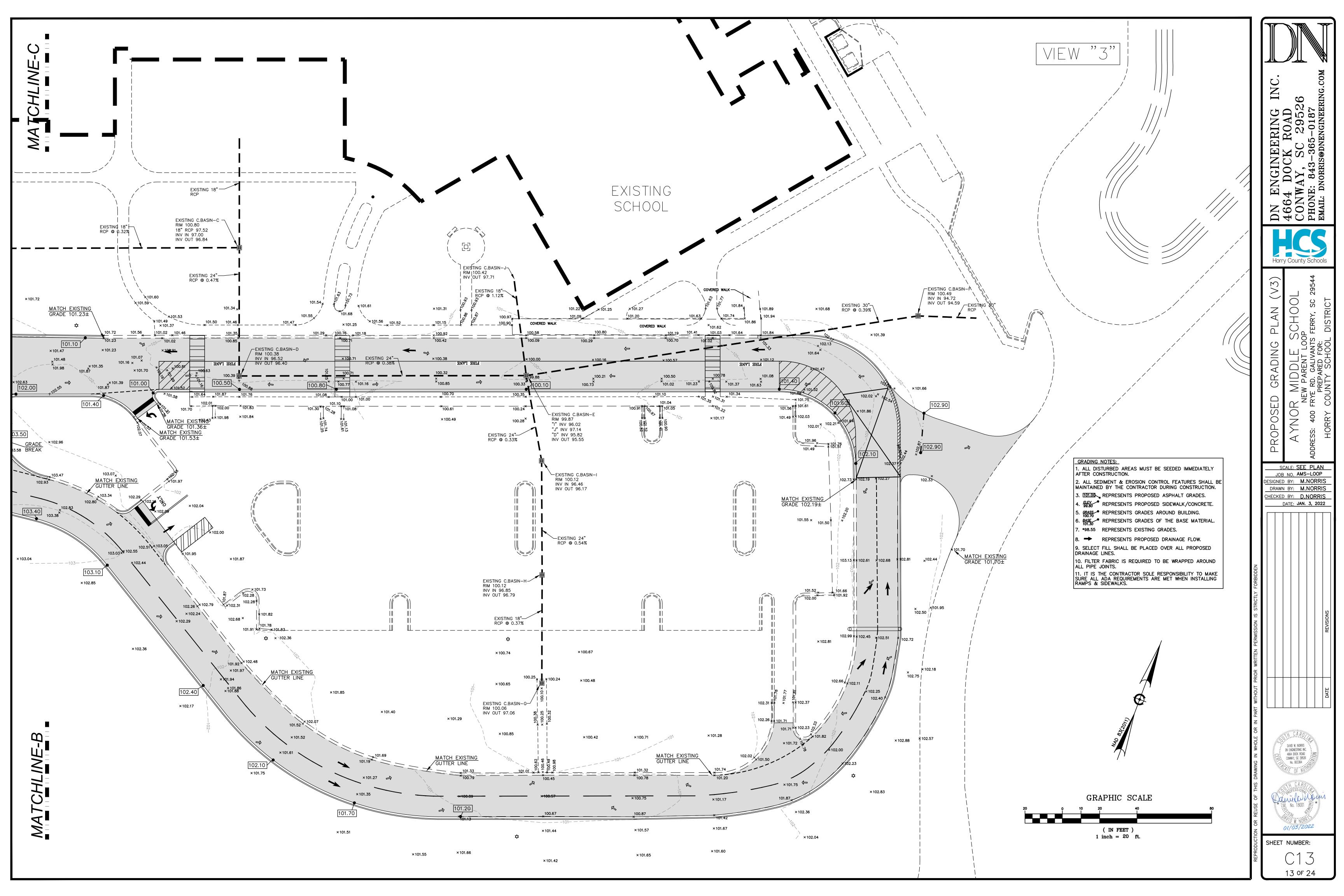


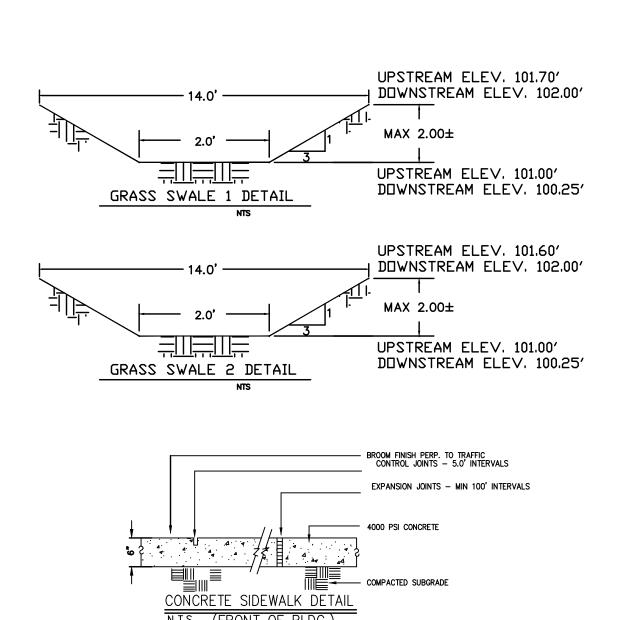








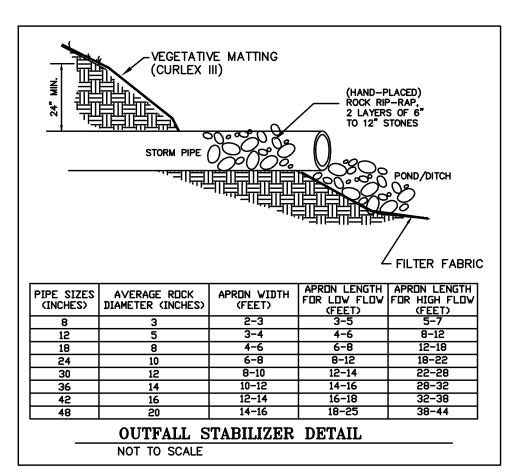




SEQUENCE OF CONSTRUCTION ACTIVITY

- 1. OBTAIN ALL PERMITS REQUIRED.
- 2. MOBILIZATION ON-SITE
- 3. INSTALL CONSTRUCTION ENTRANCE, SILT FENCE,
- AND TREE PROTECTION.

 4. EXCAVATE RETENTION POND.
- 5. INSTALL DRAINAGE SYSTEM & INLET PROTECTION.
- 6. INSTALL UTILITY LINES.
- 7. INSTALL SIDEWALKS AND PAVEMENT BASE.
- 8. FINE GRADE LANDSCAPE AREAS.
- 9. PAVEMENT INSTALLATION.
- 10. SEEDING, SODDING, AND INSTALLATION OF
- LANSCAPE.
- 11. FINAL SITE CLEANUP.12. REMOVAL OF EROSION CONTROL DEVICES AFTER
- STABILIZATION.



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 OT CONDUCT ONSITE INSPECTIONS.

CENTIPEDE SOD-NO MESH BACKING

DISTRICT REQUIREMENTS:

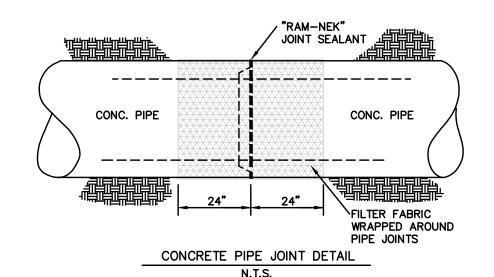
1. ALL IMPACTED AREAS INCLUDING, BUT NOT LIMITED TO: SITE ACCESS, DRAINAGE INSTALLATION, CONCRETE, DEMOLISHING, CONCRETE WASHOUT, AND STAGING AREAS ARE TO BE GRADED AND SODDED

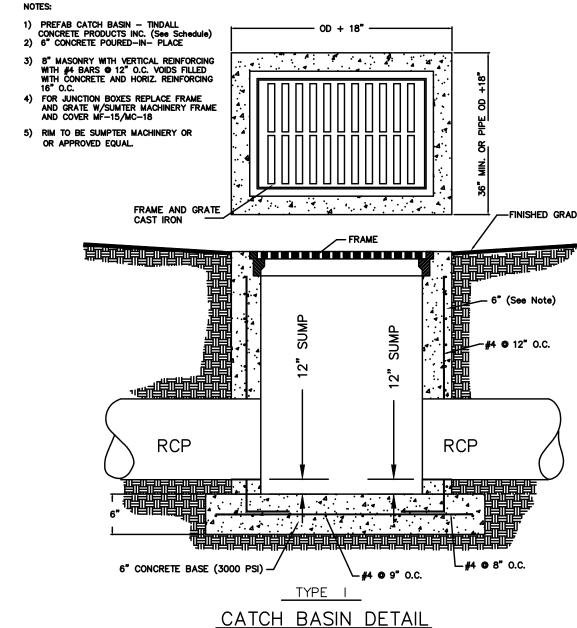
AT CONCLUSION ACTIVITIES.

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

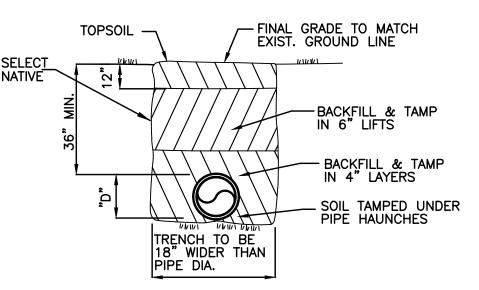
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING ALL NEW SOD UNTIL THE ROOT IS ESTABLISHED AND THE GRASS HAS A HEALTHY GROWTH.

4. THE SITE SHALL BE CLEANED OF ALL TRASH AND DEBRIS ON A DAILY BASIS.

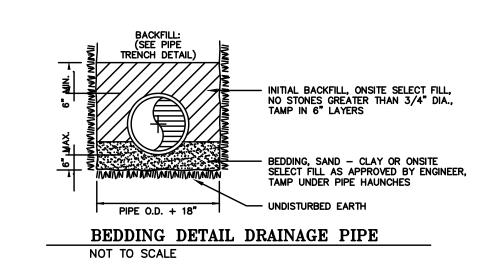


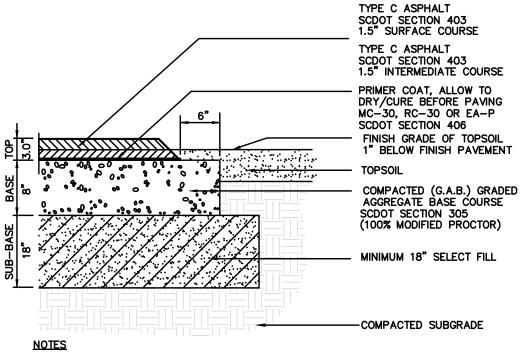






TYPICAL PIPE BEDDING DETAIL





ALL MATERIALS SHALL MEET APPLICABLE STANDARDS SET FORTH IN THE SCDOT CONSTRUCTION STANDARDS, LATEST EDITION.
 SUB-BASE SHALL BE FREE OF ALL ROCKS AND DEBRIS LARGER THAN 1" DIAMETER. CERTIFIED COMPACTION TESTS MUST BE SUBMITTED TO

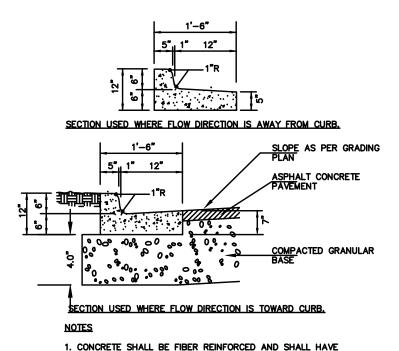
ENGINEER PRIOR TO APPLICATION OF BASE MATERIAL.

3. SUB-BASE SHALL BE FILL MATERIAL OF SOIL TYPES 'SP', 'SM' AND 'SC' WITH FINES HAVING LIQUID LIMITS LESS THAN 45%, PLACED IN MAXIMUM LIFT THICKNESSES OF 8 INCHES AND COMPACTED TO 95% OF mODIFIED PROCTOR MAXIMUM DRY DENSITY.

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 BASE MATERIAL

PAVEMENT SECTION RECOMMENDATION
NOT TO SCALE

PAVEMENT SECTION PER TERRACON GEOREPORT DATED: DEC 8, 2020

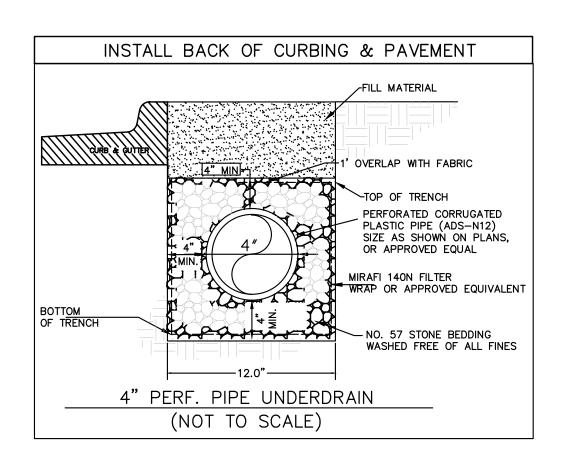


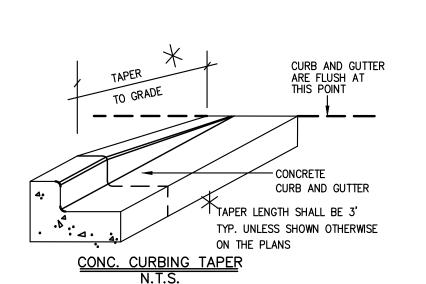
1. CONCRETE SHALL BE FIBER REINFORCED AND SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI. MAXIMUM AGGREGATE SIZE SHALL BE 1/2" DIAMETER.

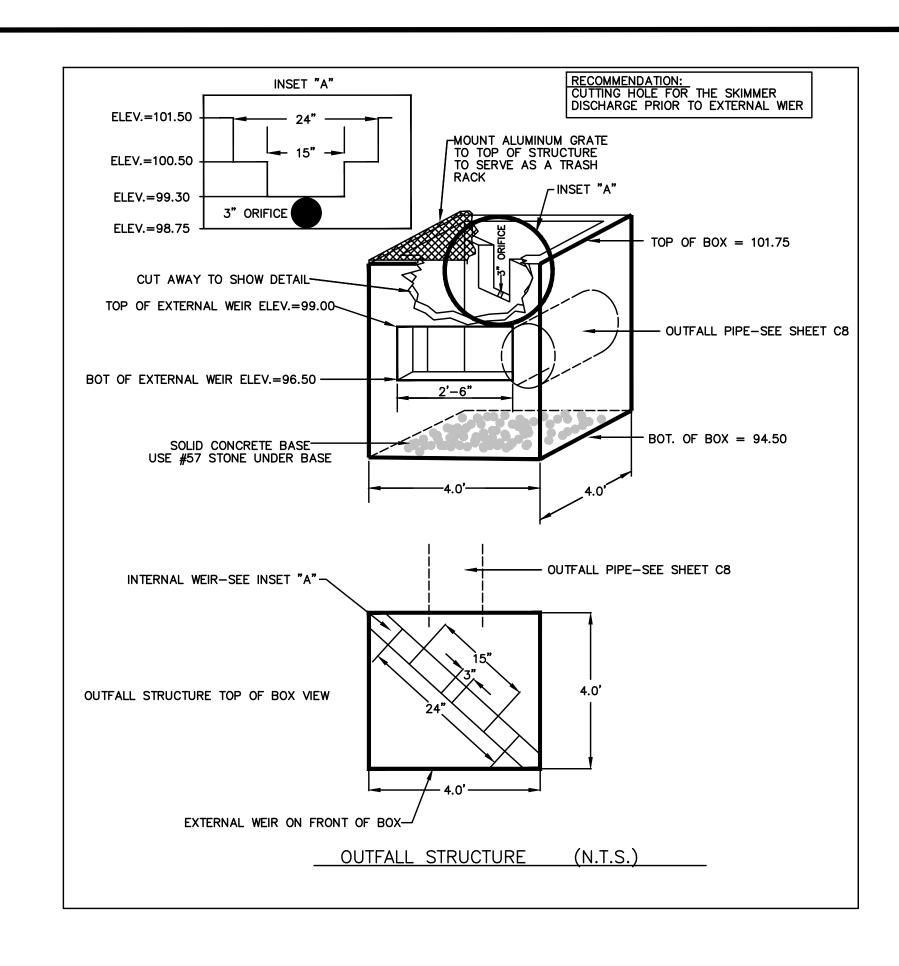
2. CONTROL JOINTS SHALL BE PLACED AT 8' O.C. MAX. EXPANSION JOINTS SHALL BE PLACED AT 32' O.C. MAX.

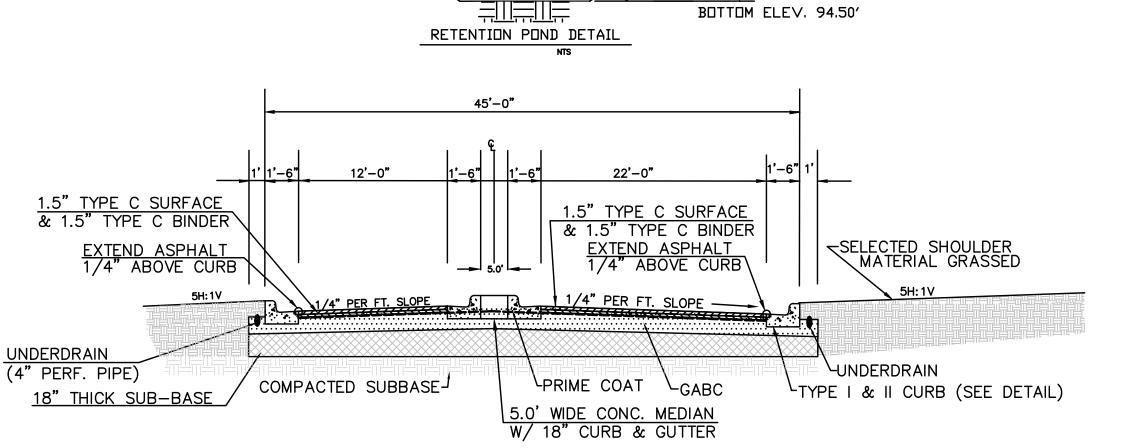
18" CURB AND GUTTER DETAIL

NOT TO SCALE



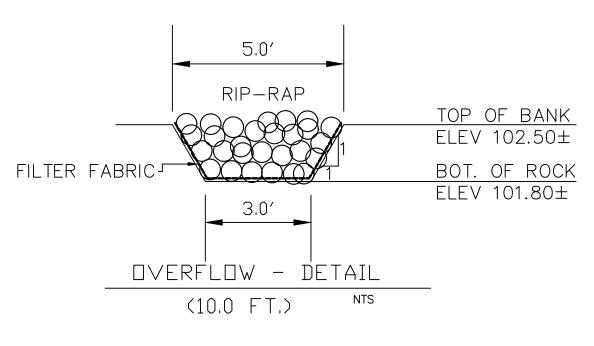








N.T.S.



DRAINAGE NOTES:

1. ALL SEDIMENT & EROSION CONTROL FEATURES SHALL BE MAINTAINED BY THE CONTRACTOR DURING CONSTRUCTION.

2. THE CONTRACTOR SHALL NOTIFY THE ENGINEER ABOUT ANY DISCREPANCIES BETWEEN THE ALIGNMENT & ELEVATIONS OF EXISTING UTILITIES AND THE DESIGN PLANS.

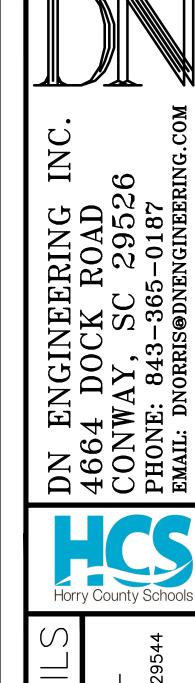
3. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE REPAIRING AND/OR REPLACING ANY UTILITIES THAT MAY BECOME DAMAGE DURING THE CONSTRUCTION OF THIS PROJECT.

4. #12 TRACER WIRE SHALL BE PLACED IN THE TRENCH ABOVE ALL PLASTIC DRAINAGE LINES FOR EASE OF LOCATION.

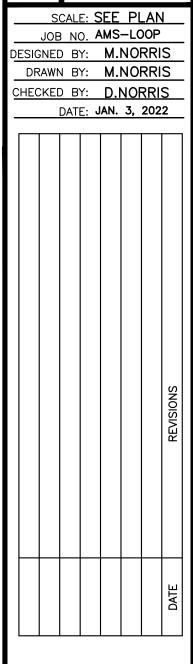
5. THE SITE CONTRACTOR IS RESPONSIBLE FOR MAKING THE TIE IN OF ALL WATER, SEWER, AND DRAINAGE LINES—TYPICALLY 5.0 FT OUTSIDE BUILDING LINE. PVC SDR—18 AND SCH—40 SEWER PIPE CAN BE USED FOR THE DRAIN LATERALS (DOWN—SPOUTS & ROOF LEADERS). ALL BEND FITTINGS SHALL BE THE LONG RADIUS TYPE. THE SITE CONTRACTOR SHALLBE RESPONSIBLE FOR FURNISHING THE FITTINGS NEEDED TO MAKE ALL UTILITY AND DRAINAGE CONNECTIONS.

6. ALL SEWER & DRAINAGE CLEAN—OUTS SHALL BE TRAFFIC BEARING ANS INSTALLED TO FINAL GRADE. ALL CLEAN—OUTS IN GRASSED & LANDSCAPE AREAS SHALL HAVE CONCRETE COLLARS PLACED AROUND THE CLEAN—OUT FOR PROTECTION.

4 T□P BANK ELEV. 102.00'



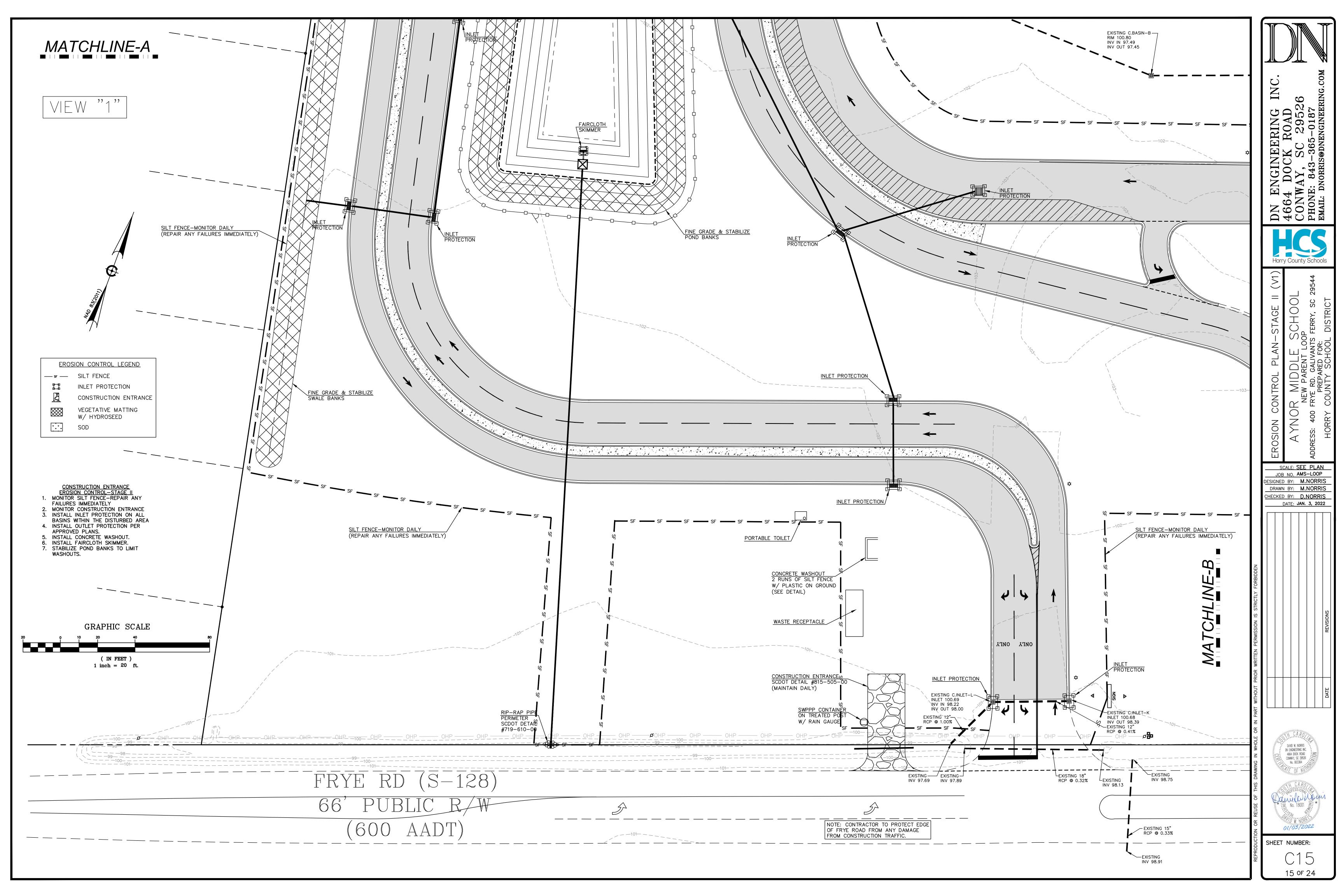
AYNOR MIDDLE SCHOON NEW PARENT LOOP SORY, S

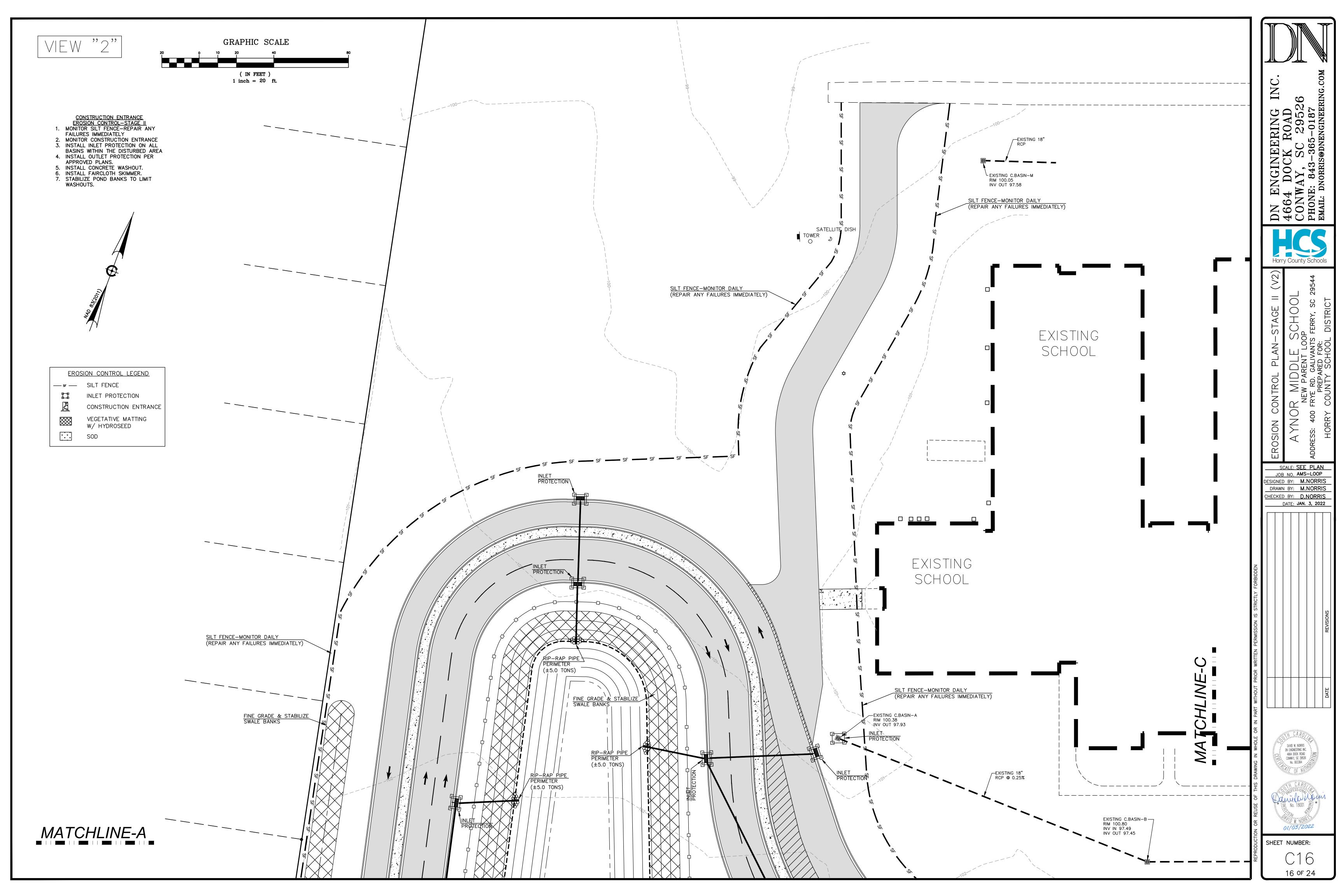


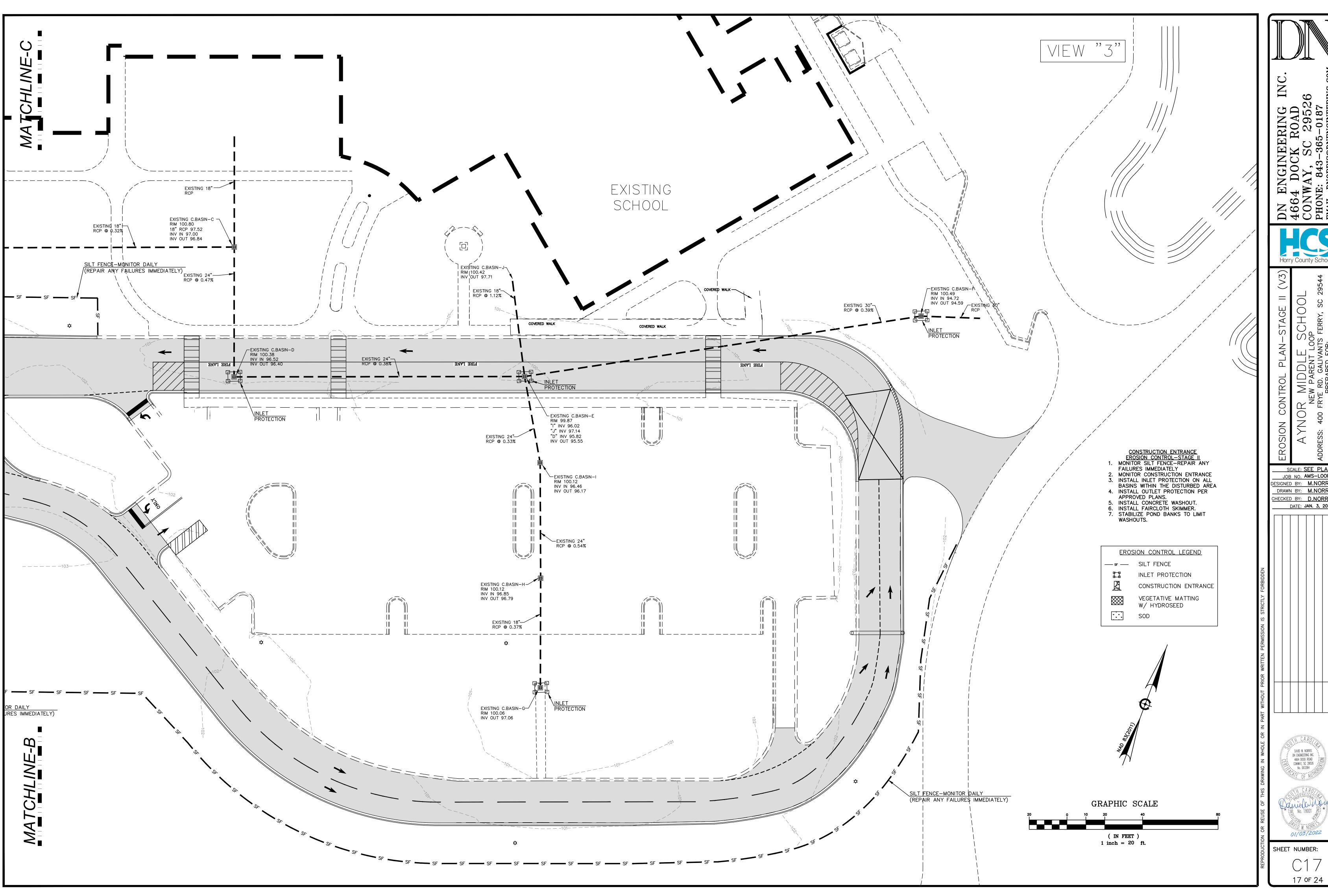


SHEET NUMBER:

(14 OF 24

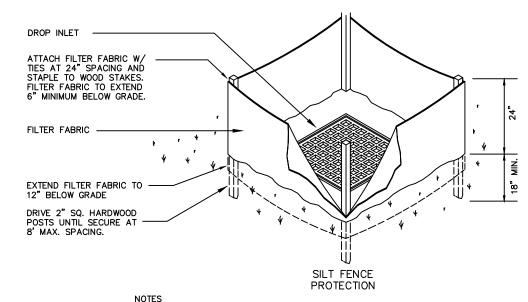






JOB NO. AMS-LOOP DESIGNED BY: M.NORRIS DRAWN BY: M.NORRIS CHECKED BY: D.NORRIS DATE: **JAN. 3, 2022** THE CONSTRUCTION ENTRANCE SHALL BE MAINTAINED DAILY.

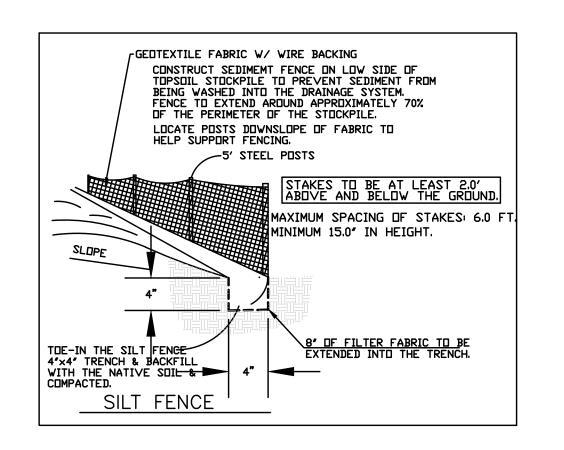
CONSTRUCTION ENTRANCE



1. SILT FENCE PROTECTION SHALL BE USED UNTIL SITE IS FINE GRADED. FABRIC INSERTS MAY BE SUBSTITUTED FOR SILT FENCE AT TIME OF FINE GRADING. 2. FILTER FABRIC TO REMAIN IN PLACE UNTIL LAWN HAS BEEN ESTABLISHED AND PAVING COMPLETE. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF INLET PROTECTION AND FINAL

CLEANUP INCLUDING REMOVAL OF ANY SEDIMENT 3. INLET PROTECTION TO BE INSPECTED AND SEDIMENT REMOVED AS NEEDED DURING CONSTRUCTION.

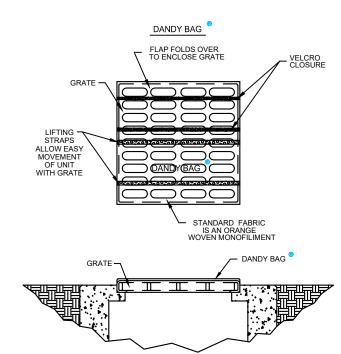
DROP INLET PROTECTION DETAIL NOT TO SCALE



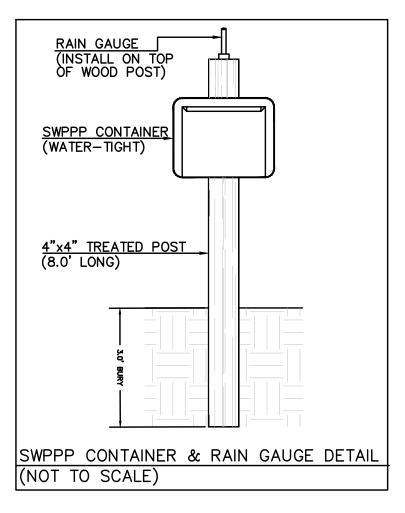
DANDY BAG Installation and Maintenance Guidelines

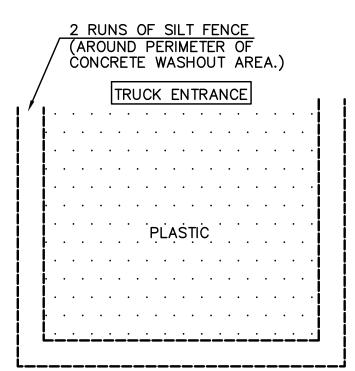
Installation: The empty Dandy Bag® should be placed over the grate as the grate stands on end. If using optional oil absorbents; place absorbent pillow in pouch, on the bottom (below-grade side) of the unit. Attach absorbent pillow to tether oop. Tuck the enclosure flap inside to completely enclose the grate. Holding the lifting devices (do not rely on lifting devices to support the entire weight of the grate), place the grate into

Maintenance: Remove all accumulated sediment and debris from surface and vicinity of unit after each storm event. Remove sediment that has accumulated within the containment area of the Dandy Bag® as needed. If using optional oil absorbents; remove and replace absorbent pillow when near saturation.

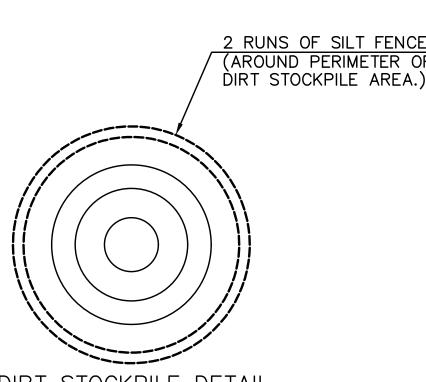


INLET PROTECTION

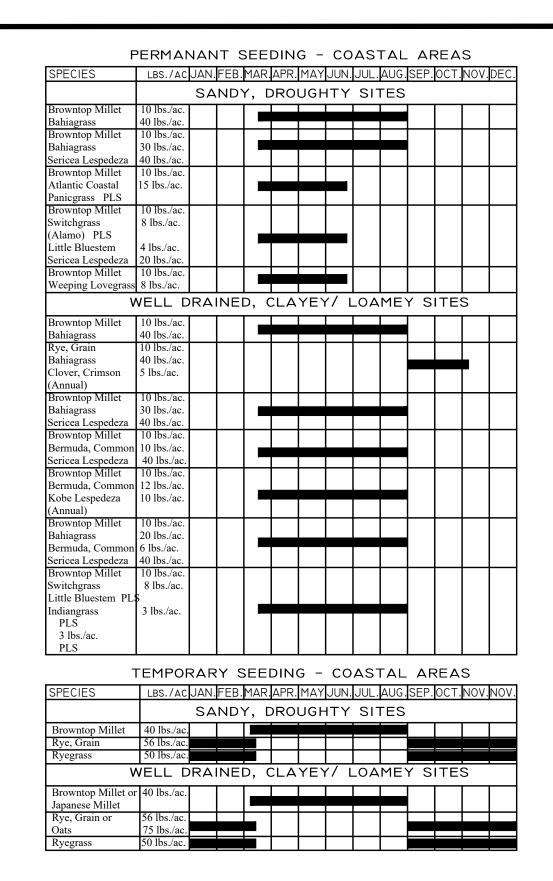


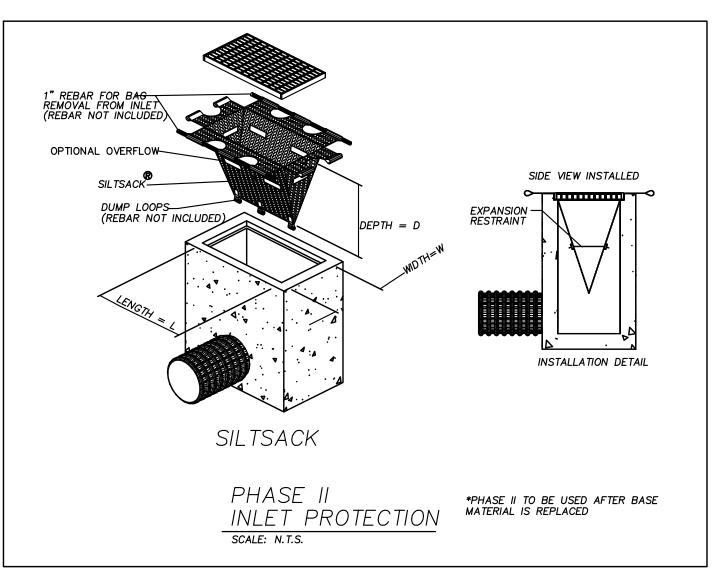


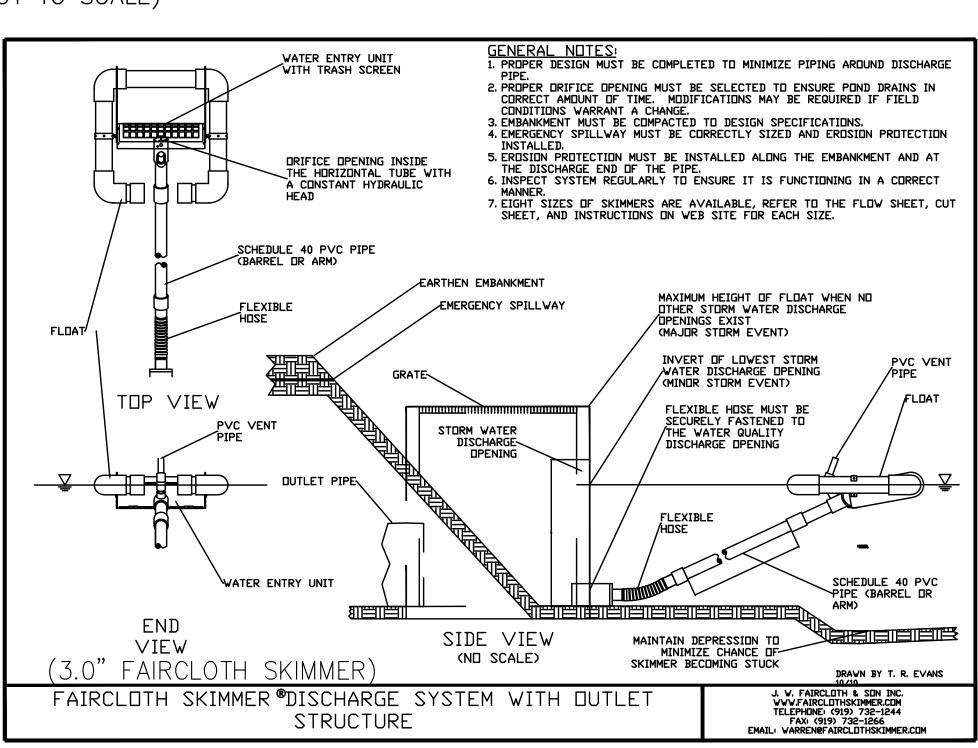
CONCRETE WASHOUT DETAIL (NOT TO SCALE)



DIRT STOCKPILE DETAIL (NOT TO SCALE)







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 OT 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.

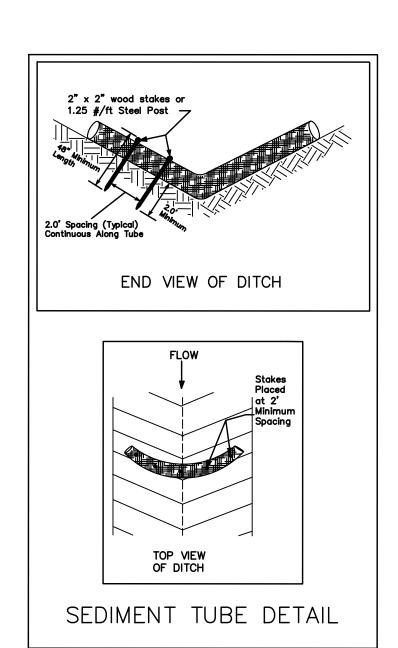
2. ALL IRRIGATION LINES DAMAGED SHALL BE REPAIRED PER THE DISTRICT CURRENT SPECIFICATIONS. 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING ALL NEW SOD UNTIL THE ROOT IS ESTABLISHED AND THE GRASS HAS A HEALTHY GROWTH.

4. THE SITE SHALL BE CLEANED OF ALL TRASH AND DEBRIS ON A DAILY BASIS.

GENERAL NOTE:

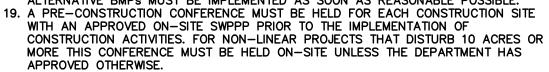
CONTRACTOR SHALL NOTIFY ENGINEER PRIOR TO START OF ANY CONSTRUCTION AND PARTICIPATE IN ANY PRE-CONSTRUCTION CONFERENCES AS MAY BE

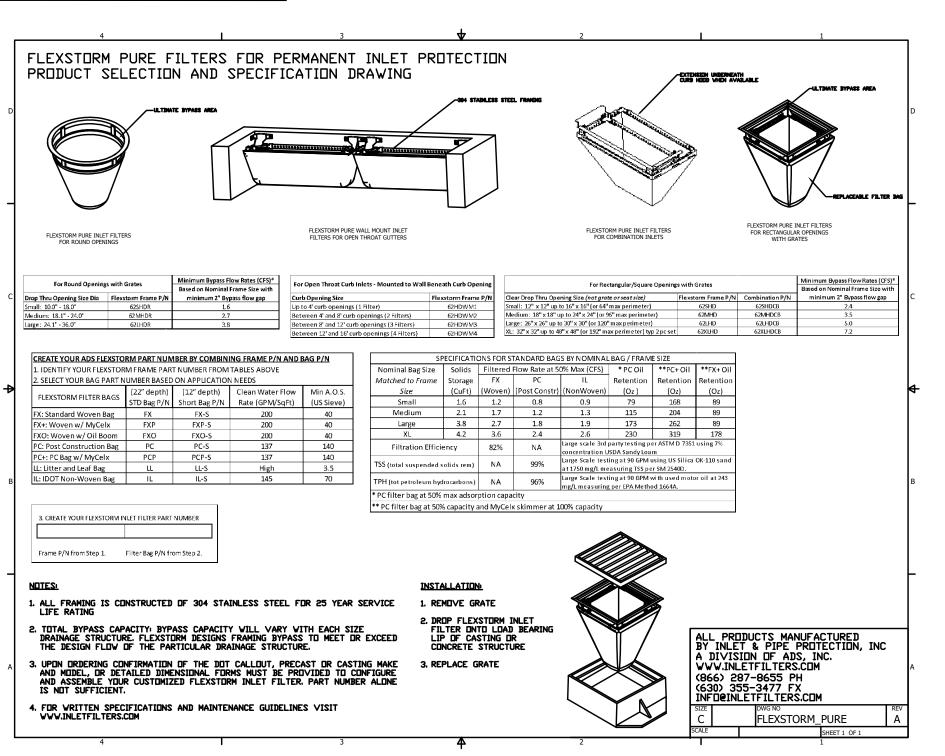
ANY INFORMATION SHOWN ON THESE DRAWINGS PERTAINING TO THE EXISTENCE, LOCATION OR ELEVATION OF EXISTING UTILITIES HAS BEEN TAKEN FROM INFORMATION SUPPLIED BY OTHERS. THE ENGINEER HAS PERFORMED NO EXCAVATIONS TO VERIFY THE ACCURACY OF THIS INFORMATION. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR 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



STANDARD NOTES:

- 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
- 2. 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
 - 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.
- 4. 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 REMOVED 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 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 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 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. 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 STORMWATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN
- STORMWATER DISCHARGES. 11. 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.
- 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
- 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: WATERWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN
- 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.
- MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACH 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 STANDARD, IMPLEMENTATION MUST BE COMPLETED BEFORE THE NEXT STORM EVENT IS IMPRACTICABLE, THE SITUATION MUST BE DOCUMENTED IN THE SWPPP AND ALTERNATIVE BMPs MUST BE IMPLEMENTED AS SOON AS REASONABLE POSSIBLE.







NGI DO 'AY,

Horry County Schools

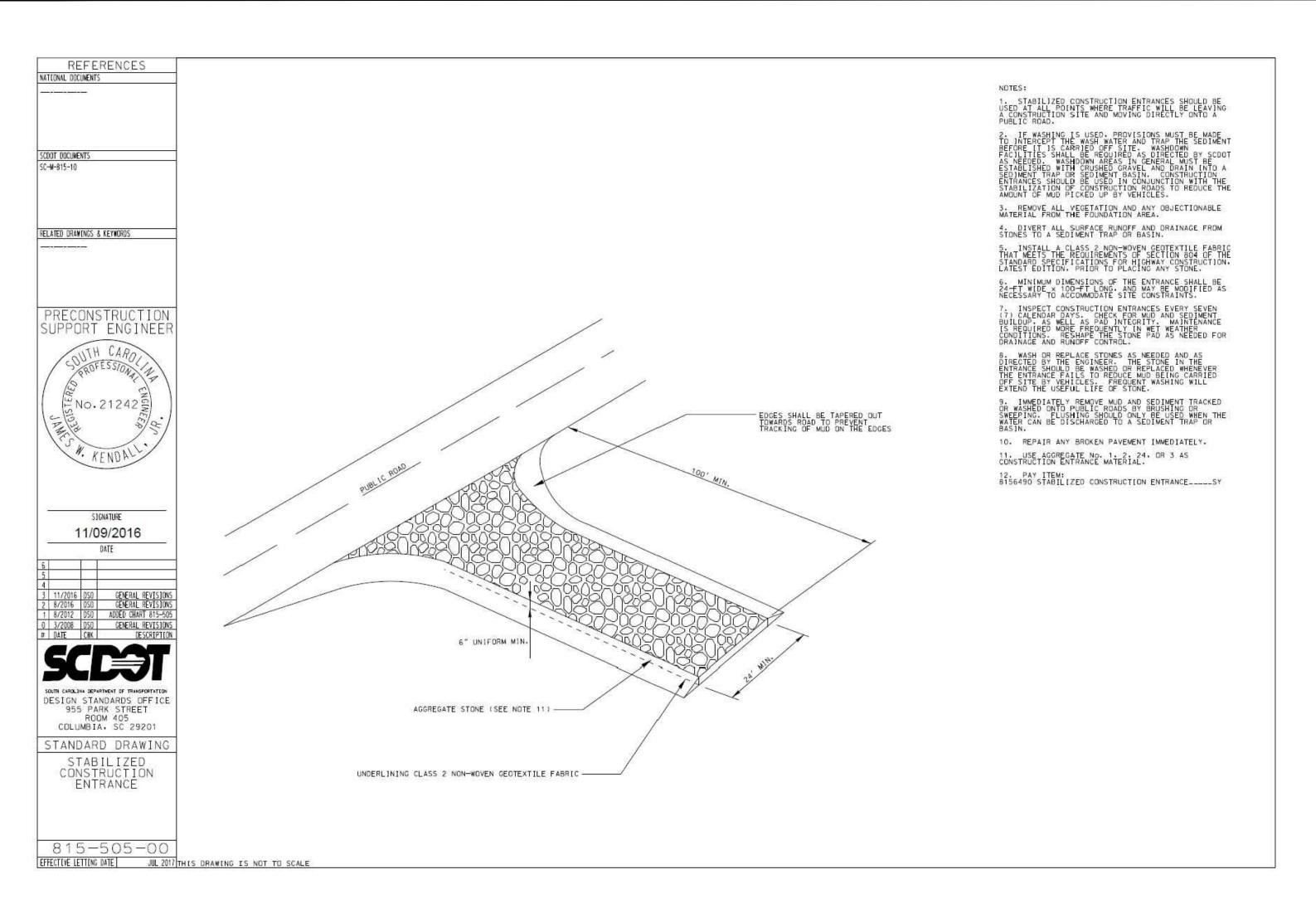
SCALE: SEE PLAN JOB NO. AMS-LOOP SIGNED BY: M.NORRIS ECKED BY: D.NORRIS

DATE: **JAN. 3, 2022**



DAVID W. NORRIS

SHEET NUMBER: 8 OF 24



1. THERE CAN BE NO WORK PERFORMED IN THE SCDOT R/W BEFORE AN ENCROACHMENT PERMIT HAS BEEN ISSUED AND A PRECONSTRUCTION MEETING HAS BEEN HELD. THE PROPERTY OWNER AND CONTRACTOR MUST SCHEDULE AND ATTEND THE PRECONSTRUCTION MEETING.

2. ANY WORK PERFORMED BEFORE THE PRECONSTRUCTION MEETING WILL HAVE TAKEN PLACE WITHOUT SCDOT KNOWLEDGE, OVERSIGHT, AND CONSENT AND SHALL BE SUBJECT TO REMOVAL BY THE APPLICANT AND/OR AT THE APPLICANT'S EXPENSE.

3. ANY REVISIONS TO THIS APPROVED PLAN SET MUST HAVE PRIOR, WRITTEN APPROVAL FROM SCDOT OR ARE SUBJECT TO REMOVAL AT THE APPLICANT'S 13.PAVEMENT MARKINGS SHALL BE THERMOPLASTIC WITH REFLECTIVE

4. THE CONSTRUCTION ENTRANCE MUST BE ESTABLISHED AT THE LOCATION DESIGNATED IN THIS PLAN SET AND ACCORDING TO SCDOT TYPICAL 815-505-00. NO ADDITIONAL ENTRANCES OR LOCATIONS OTHER THAN SHOWN IN THIS PLAN SET 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 SWEPT OFF AT ALL TIMES. ANY ADDITIONAL, EXISTING DRIVEWAYS OR CONSTRUCTION ENTRANCES, IF ANY, SHALL BE REMOVED FROM SCDOT RIGHT OF WAY AT NO EXPENSE TO SCDOT.

5. NO DEWATERING ACTIVITIES SHALL BE PERFORMED WITHIN SCDOT R/W OR BRING FORTH WATER TO THE SCDOT RIGHT OF WAY BY DIRECT OR INDIRECT METHODS.

6. POST DEVELOPMENT STORMWATER FLOWS TO THE SCDOT R/W CANNOT EXCEED PREDEVELOPMENT FLOW RATES AT ANY TIME FOR ANY REASON. 7. THE APPLICANT IS SOLELY RESPONSIBLE FOR REPAIRS OF ANY AND ALL

DAMAGE TO THE TRAVEL WAY DUE TO ANY WORK ALONG THE FRONTAGE OF THIS SITE, AT NO EXPENSE TO SCDOT AND ALL REPAIRS MUST MEET CURRENT SCDOT STANDARDS.

8. ANY DAMAGE TO THE TRAVEL LANE WILL REQUIRE A FULL DEPTH ASPHALT PATCH AND TOTAL ROADWAY (ALL ADJACENT TRAVEL LANES) ASPHALT OVERLAY. PATCHES LARGER THAN A FEW SQUARE FEET OR EXTENDING PAST 1 FOOT INTO THE TRAVEL LANE SHALL REQUIRE AN OVERLAY OF THE ENTIRE WIDTH OF THE EXISTING TRAVEL WAY FOR 50 FEET BEYOND EACH SIDE OF THE FULL DEPTH PATCH. ALL OF THIS WORK WILL BE SOLELY AT THE EXPENSE OF THE APPLICANT AND MUST MEET CURRENT SCDOT STANDARDS.

9. BEFORE INSTALLATION OF ANY NEW DRIVEWAY, THE EXISTING TRAVEL EDGE MUST BE SAW CUT TO PROVIDE A STRAIGHT AND UNIFORM EDGE ALONG THE MOUTH OF THE PROPOSED DRIVEWAY. CARE MUST BE TAKEN TO NOT TO DAMAGE THE EDGE ONCE CUT. ANY DAMAGE TO THE TRAVEL LANE MUST BE REPAIRED AT THE APPLICANT'S EXPENSE.

10.PAVEMENT SECTION IN THE SCDOT R/W SHALL BE, AT A MINIMUM:

a. 6 INCHES OF COMPACTED GABC

THIS DRAWING IS NOT TO SCALE

THIS DRAWING IS NOT TO SCALE

b. 4 INCHES OF COMPACTED TYPE B BINDER COURSE HOT MIX ASPHALT

c. 2 INCHES OF COMPACTED TYPE B SURFACE COURSE HOT MIX ASPHALT SEE SCDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION FOR SURFACE COURSE HOT MIX ASPHALT INSTALLATION TIME AND TEMPERATURE RESTRICTIONS AND THERMO PLASTIC TIME AND TEMPERATURE RESTRICTIONS.

d. 8 INCHES OF COMPACTED GABC

e. 4 INCHES OF 4,000 PSI CONCRETE

NO REINFORCEMENT WIRE, REBAR, OR METAL OF ANY KIND IS PERMITTED 11.DRIVEWAY LANES SHALL BE A MINIMUM OF 12 FEET IN WIDTH MEASURED FROM EDGE TO EDGE OF ASPHALT.

12.DRIVEWAY RADII SHALL BE 30 FEET. (UNLESS NOTED OTHERWISE ON THE SCDOT APPROVED PLANS.)

BEADS PER SECTION 627 OF THE SCDOT STANDARD SPECIFICATIONS: a. ALL WHITE MARKINGS SHALL BE 125 MIL MINIMUM THICKNESS b. ALL YELLOW MARKINGS SHALL BE 90 MIL MINIMUM THICKNESS 14. ALL PERMANENT SIGNAGE SHALL BE INSTALLED ON BREAKAWAY POSTS PER SCDOT STANDARD DRAWING 651-110-00 AND SHALL HAVE A 7

15.DRIVEWAYS SHALL BE CONSTRUCTED TO HAVE A MINIMUM OF A 2 FOOT GRASSED SHOULDER ON EACH SIDE OF THE DRIVEWAY THROAT.

VERTICAL FOOT CLEARANCE FROM THE GROUND TO THE BOTTOM OF THE

16.DITCH SLOPES SHALL BE NO STEEPER THAN 3H:1V.

17. 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

18. ALL CULVERTS INSIDE OF THE SCDOT R/W ARE TO BE INSTALLED WITH BEVELED ENDS PER SCDOT STANDARD DRAWING 719-610-00 AND SEALED PER SCDOT STANDARD DRAWING 714-205-01 AND CANNOT BE COVERED UNTIL AFTER AN INSPECTION BY THE SCDOT INSPECTOR ASSIGNED TO THE PROJECT AT THE REQUIRED SCDOT PRECONSTRUCTION MEETING.

19.LANE CLOSURES ARE REQUIRED FOR ALL WORK WITHIN ONE FOOT OF THE TRAVEL WAY. SEE SCDOT LOCAL MAINTENANCE WORK RESTRICTIONS FOR ADDITIONAL INFORMATION.

20.SHOULDER CLOSURES ARE REQUIRED FOR ALL WORK IN THE SCDOT R/W BEYOND ONE FOOT FROM THE TRAVEL WAY.

21.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 APPLICANT'S EXPENSE. SEVERAL MEANS OF CONTACT WILL BE GIVEN AT THE PRECONSTRUCTION MEETING. FAILURE TO OBTAIN CONTACT IS NOT AN APPROVAL TO PROCEED WITH ANY WORK.

22.NO VEGETATION INSTALLED ON PRIVATE PROPERTY SHALL BLOCK THE SCDOT SIGHT TRIANGLES OR SIGHT DISTANCES FOR MOTORISTS INGRESS OR EGRESSING FROM APPROVED DRIVEWAYS AND OR ROADWAY INTERSECTIONS. THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR KEEPING OFFSITE LANDSCAPINGS PROPERLY MAINTAINED TO IMPROVE ALL SIGHT DISTANCES. THE PROPERTY OWNER SHALL ALSO BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGES TO SIDEWALK, DRIVEWAY OR ROADWAY, UTILITY, DRAINAGE OR OTHER STRUCTURES DAMAGED DUE TO THE INSTALLATION OR EXISTENCE OF OFFSITE LANDSCAPING.

23.THE DEPARTMENT SHALL NOT BE RESPONSIBLE FOR DAMAGE TO ANY UTILITY STRUCTURES LOCATED WITHIN THE RIGHT-OF-WAY AS A RESULT OF ROUTINE HIGHWAY MAINTENANCE OPERATIONS. THESE STRUCTURES INCLUDE BUT ARE NOT LIMITED TO ARV, METERS, VALVES, MANHOLES, ALL TYPE OF PEDESTALS AND UTILITY LINES (OVERHEAD AND/OR UNDERGROUND). THE APPLICANT SHOULD USE MECHANICAL MOWERS TO CUT AROUND THESE TYPE STRUCTURES TO INCREASE VISIBILITY FOR HIGHWAY MAINTENANCE WORKERS.

24.APPLICANT IS RESPONSIBLE FOR THE INSTALLATION AND SECURING OF ANY VALVE OR MANHOLE RISERS AS NEEDED.

25.THE DEPARTMENT SHALL BE HELD HARMLESS FROM AND AGAINST ANY AND ALL CLAIMS, DAMAGES AND LOSSES ASSOCIATED WITH WORK AS APPROVED UNDER THIS PERMIT APPLICATION. ANY SUCH DAMAGE CLAIMS RECEIVED BY THE DEPARTMENT SHALL BE THE RESPONSIBILITY OF THE APPLICANT TO PROCESS ACCORDINGLY. THE HOLD HARMLESS AGREEMENT SHALL BE FOR THE LIFE OF THE FACILITY, STRUCTURE(S) OR ENCROACHMENT AS IT REMAINS WITHIN PUBLIC RIGHT-OF-WAY.

26.APPLICANT IS RESPONSIBLE FOR THE REPAIR OF ANY TRAFFIC SIGNAL LOOPS/WIRES/HEAD/CABINETS IF DAMAGED DUE TO THIS INSTALLATION. ALL WORK SHALL BE APPROVED UNDER THE DIRECTION OF THE SCDOT DISTRICT SIGNAL SHOP AND PERFORMED BY A SCDOT APPROVED SIGNAL CONTRACTOR, AT NO EXPENSE TO THE DEPARTMENT.

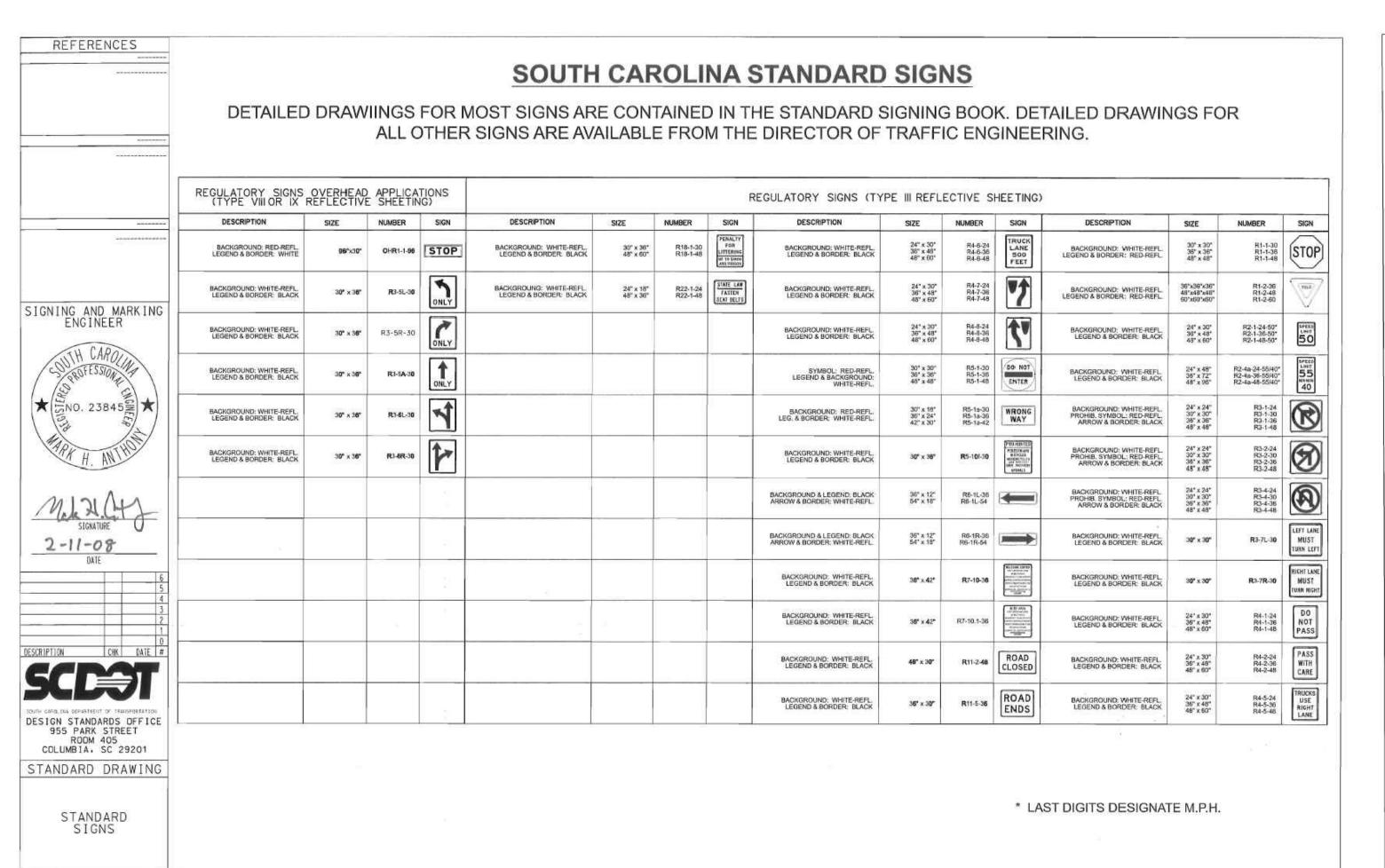
27.IF REQUIRED UNDER THE APPROVED SCDOT ENCROACHMENT PERMIT, A THIRD PARTY TESTER SHALL BE REQUIRED AT THE APPLICANT'S EXPENSE TO PERFORM COMPACTION ANALYSIS AND WITNESS A PASSING PROOF ROLL ON ALL SUB-GRADE, BASE, AND ASPHALT. ONE THIRD PARTY INSPECTOR SHALL TAKE DENSITY READINGS AT RANDOM STATION NUMBERS. A SECOND (2ND) THIRD PARTY INSPECTOR/TESTER SHALL BE AT THE ASPHALT PLANT TESTING THE ASPHALT AT THE TIME THAT SURFACE ASPHALT IS BEING PRODUCED AND PUT DOWN ON THE JOB. ONE CORE SAMPLE (LOCATIONS TO BE DETERMINED) SHALL BE TAKEN AND WEIGHED BY THE THIRD PARTY INSPECTOR. ALL RESULTS TO BE SUBMITTED IN WRITING TO SCDOT FOR REVIEW THE FOLLOWING DAY. WINTER WORK RESTRICTIONS AND HOLIDAY WORK RESTRICTIONS MUST BE ADHERED TO. SEE PERMIT FOR MORE

28.AN INSPECTION DATE SHALL BE SET UP IN ADVANCE FOR WHICH THE INSPECTOR WILL COME OUT AND INSPECT THE SIDEWALK FORMS BEFORE POURING CONCRETE. DO NOT LEAVE MORE THAN A 2" DROP OFF UNATTENDED. NO MORE THAN A 2" DROP OFF OR A 3:1 DITCH SLOPE IS PERMITTED ANYWHERE WITHIN THE RIGHT OF WAY DUE TO THE CONSTRUCTION ASSOCIATED WITH THIS SIDEWALK. THE INSTALLATION OF SIDEWALK SHALL BE FLUSH WITH SHOULDER OR HAVE A DRAINAGE INLET BUILT UNDERNEATH TO ALLOW FOR PROPER STORM WATER FLOW. NO WATER SHALL POND IN SHOULDER, ROADWAY, DRIVEWAYS, OR RIGHT OF WAY DUE TO THIS INSTALLATION.

29.ADA MATS (RAISED DETECTABLE WARNING PADS) SHALL BE INSTALLED AS WET INSETS AND AT ROADWAY INTERSECTIONS ONLY.

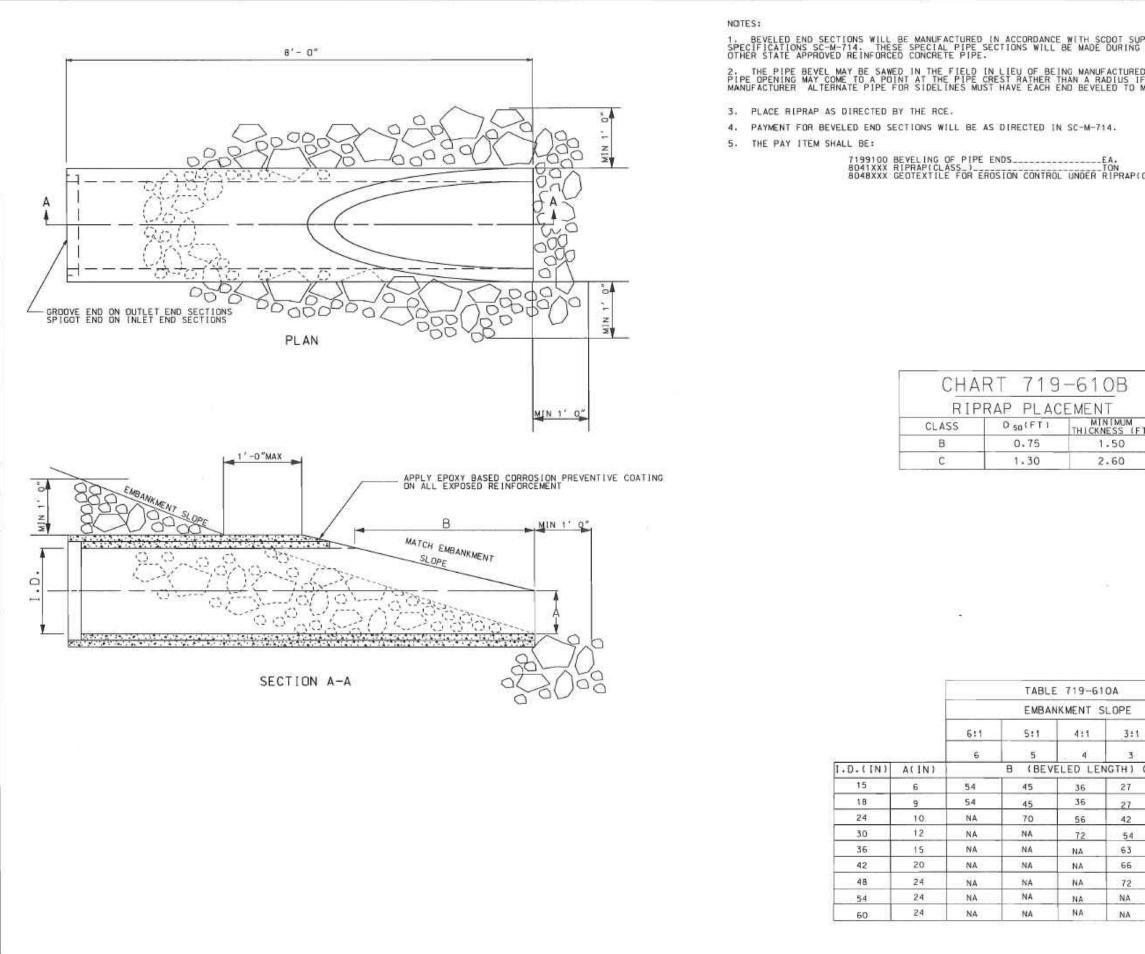
30.NO VALVES OR OTHER APPURTENANCES IN ROADWAY ASPHALT, WITHIN 5 FEET OF EDGE OF PAVEMENT, OR WITHIN DITCH LINE OR SWALE LINE. APPLICANT SHALL INSTALL 8-16 FEET OF NEW, UNDAMAGED RCP ON PROPER GRADE, FACING THE PROPER DIRECTION, MATCHING THE DIAMETER OF DRIVEWAY AND/OR CROSS LINE UPSTREAM, BUT NOT EXCEEDING THE PIPE DIAMETER DOWNSTREAM, IF THE ABOVE CANNOT BE AVOIDED. INSTALL RIP RAP AROUND ANY EXPOSED PIPES, COVER AND SOD TO MEET SCDOT MINIMUM STANDARDS. CALL SCDOT ENCROACHMENT OFFICE FOR INSPECTION OF PIPE BEFORE COVERING.

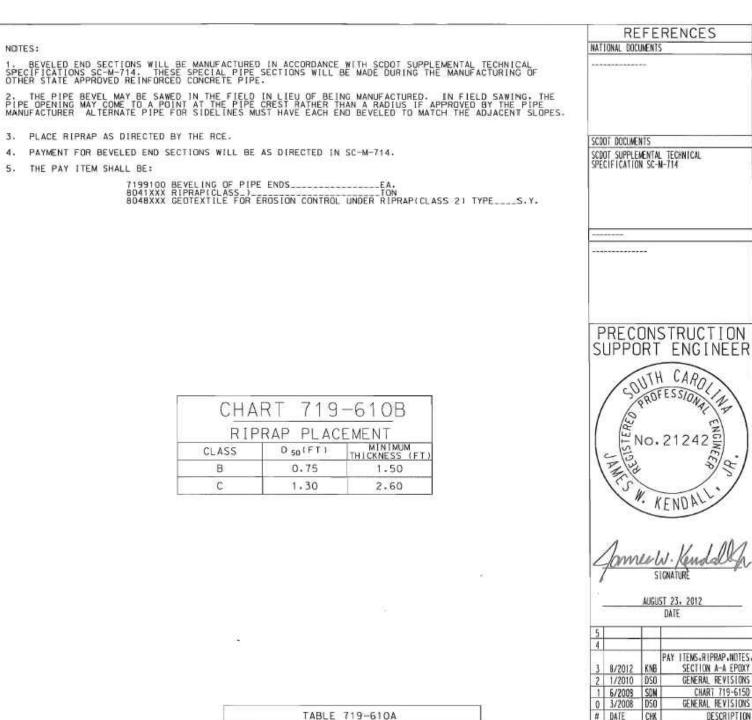
31.PROPOSED UTILITY INSTALLATION LOCATED IN SHOULDER AREA SHALL HAVE A MINIMUM COVER OF 42" ACCORDING TO FIGURE 6 OF APPENDIX B. ANY EXPOSED ROOTS TO BE REMOVED OR TRIMMED FLUSH WITH SHOULDER/DITCH.



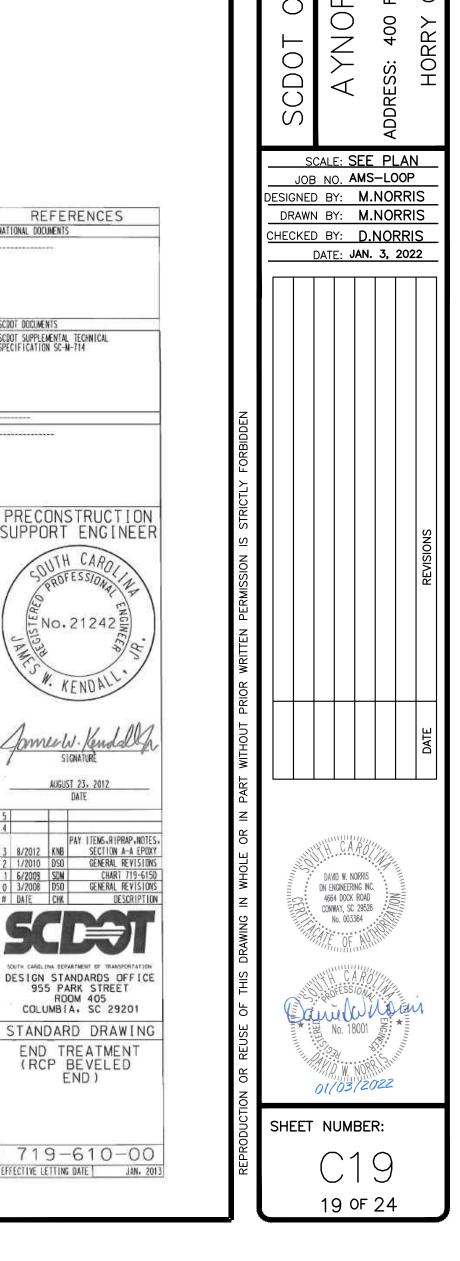
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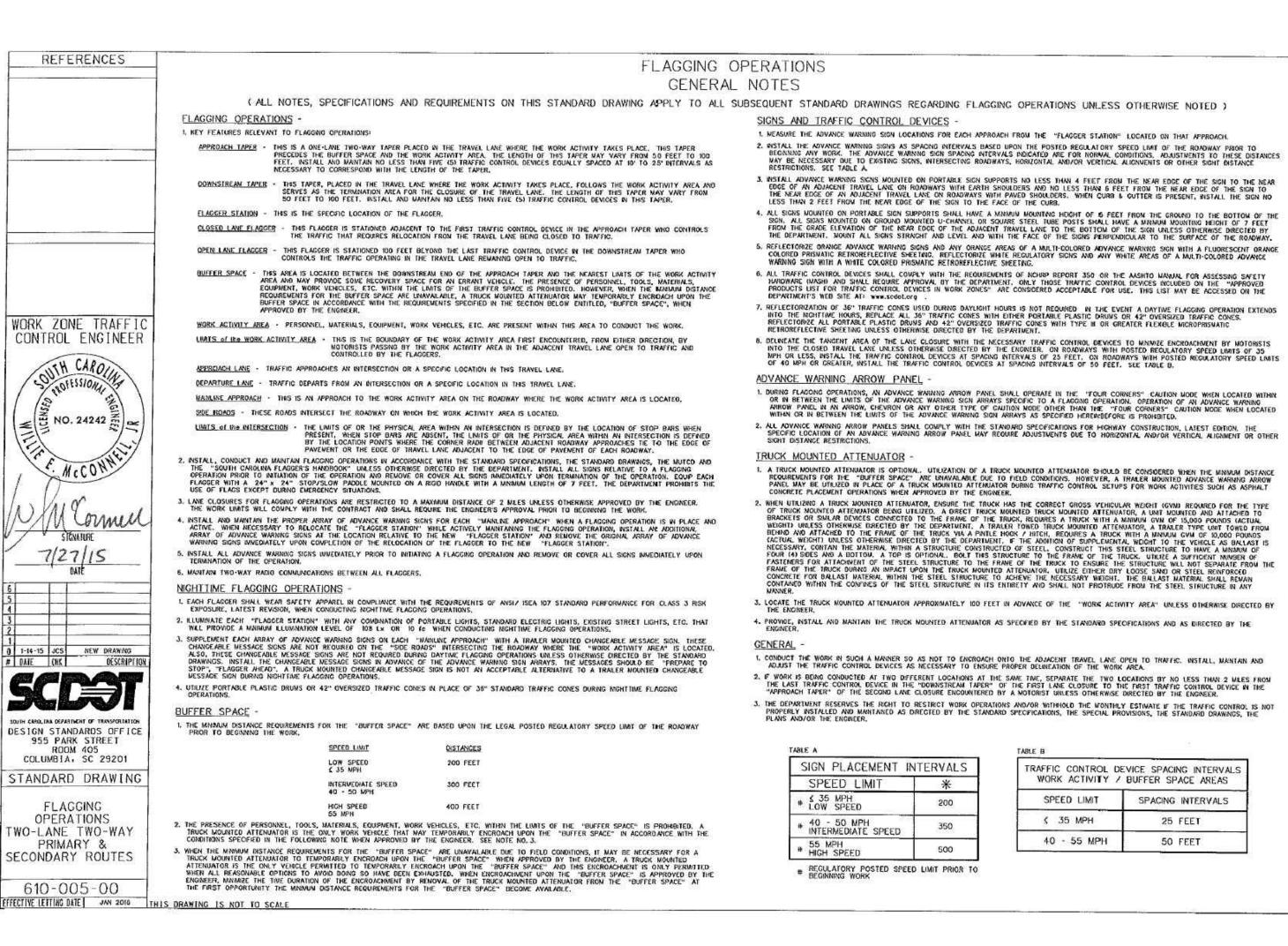




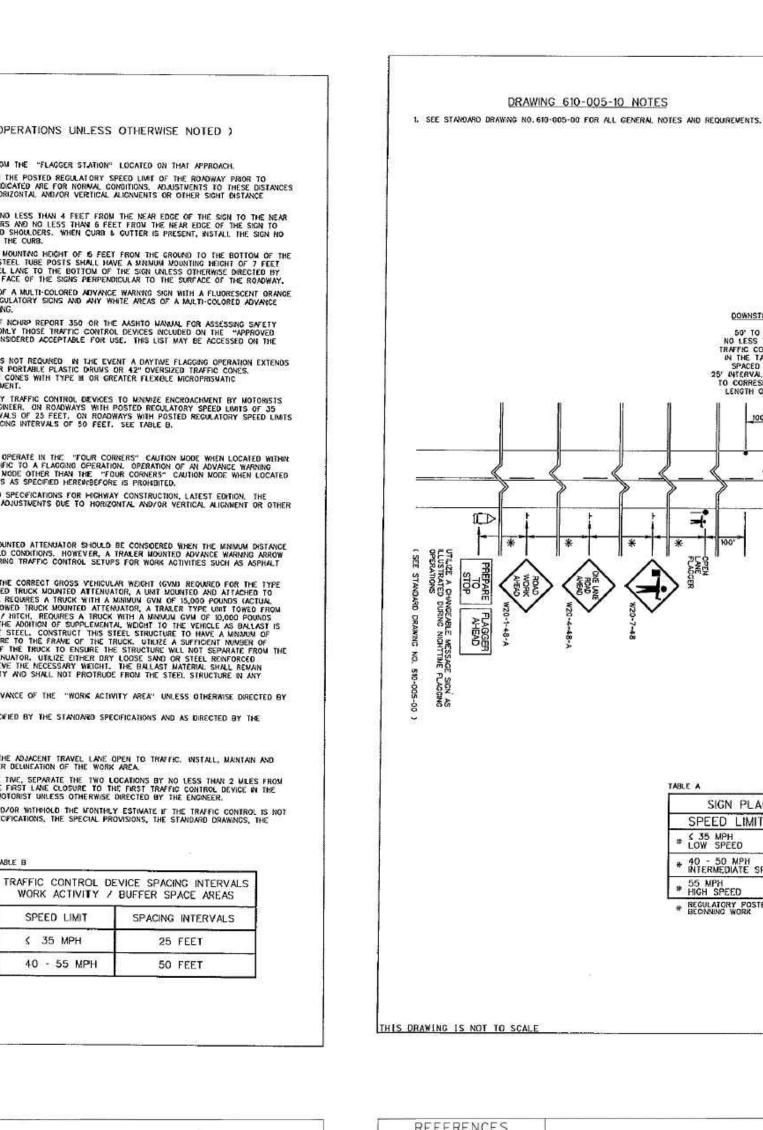
EMBANKMENT SLOPE 5:1 4:1 3:1



Horry County Schools



EFFECTIVE LETTING DATE 3/1/2013 THIS DRAWING IS NOT TO SCALE



SPEED LIMIT

< 35 MPH

40 - 55 MPH

350

DRAWING 610-005-10 NOTES

DOWNSTREAM TAPER

50' TO 100' TAPER
NO LESS THAN FIVE (5)
THAFFIC CONTROL DEVICES
IN THE TAPER EQUALLY
SPACED @ 10' TO
SPACED @ 10' TO
SPACED @ 10' TO
TO CORRESPOND WITH THE
LENGTH OF THE TAPER

SIGN PLACEMENT INTERVALS

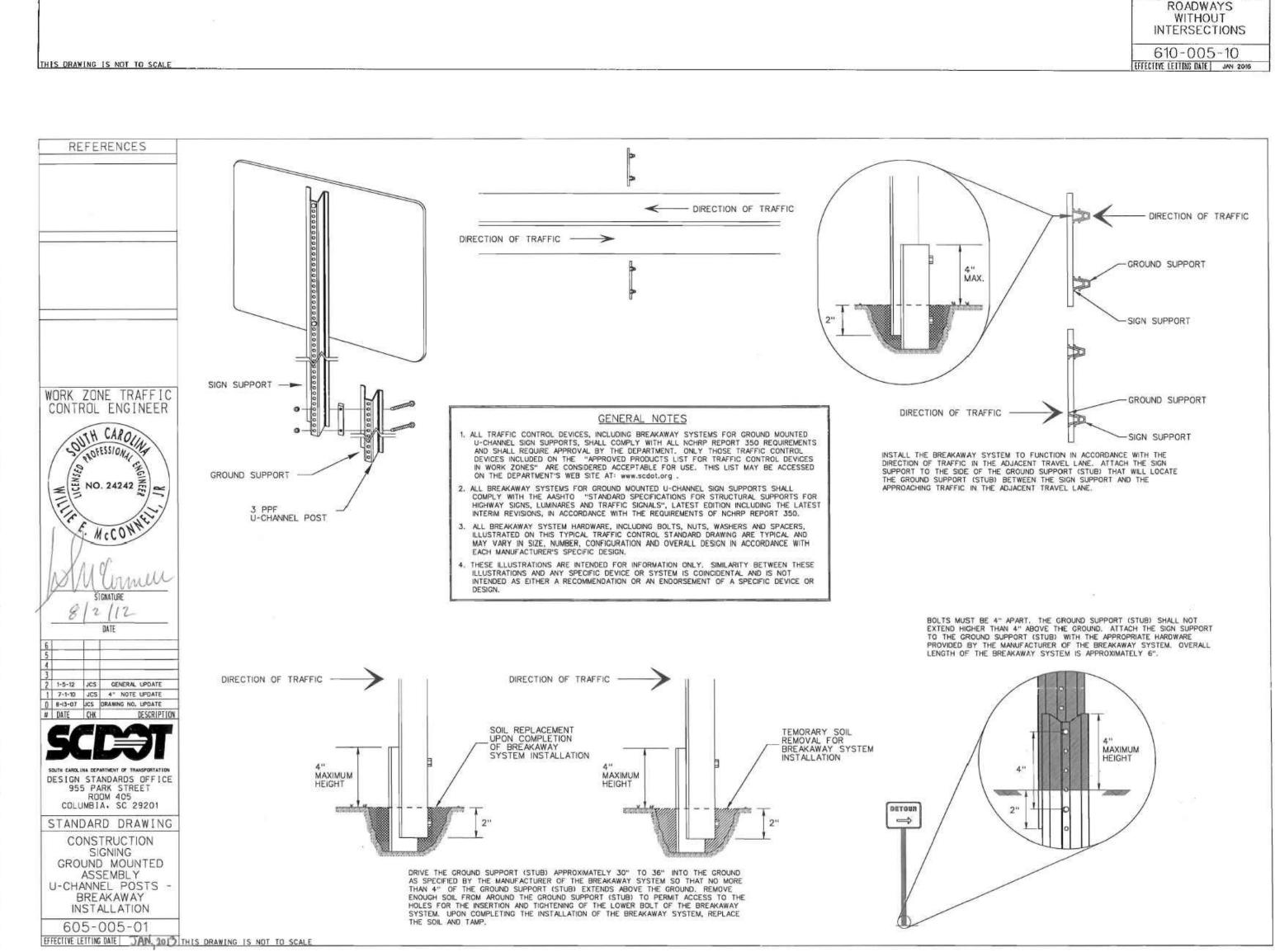
350

500

40 - 50 MPH INTERMEDIATE SPEED

55 MPH HIGH SPEED

2 MLE MAX.



APPROACH TAPER

50' TO 100' TAPER NO LESS THAN FIVE (5) TRAFFIC CONTROL DEVICES IN THE TAPER EQUALLY SPACED @ 10' TO

5' INTERVALS AS NECESSAR TO CORRESPOND WITH THE LENGTH OF THE TAPER

TRAFFIC CONTROL DEVICE SPACING INTERVALS WORK ACTIVITY / BUFFER SPACE AREAS

SPEED LIMIT

≤ 35 MPH

SPACING INTERVALS

25 FEET

BUFFER SPACE

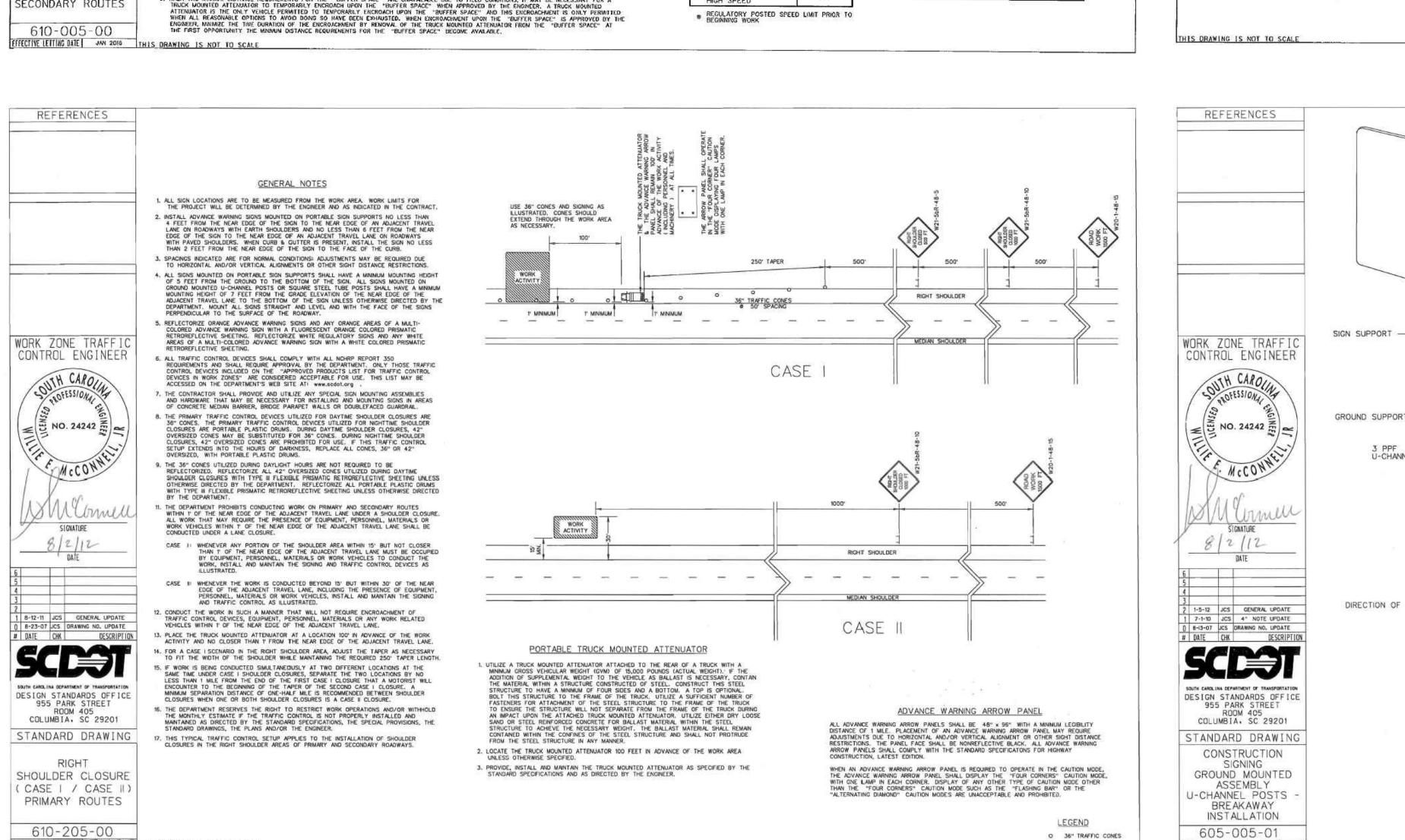
200' TO 400'
WITH
TRUCK MOUNTED ATTENUATOR
TRAFFIC CONTROL DEVICES

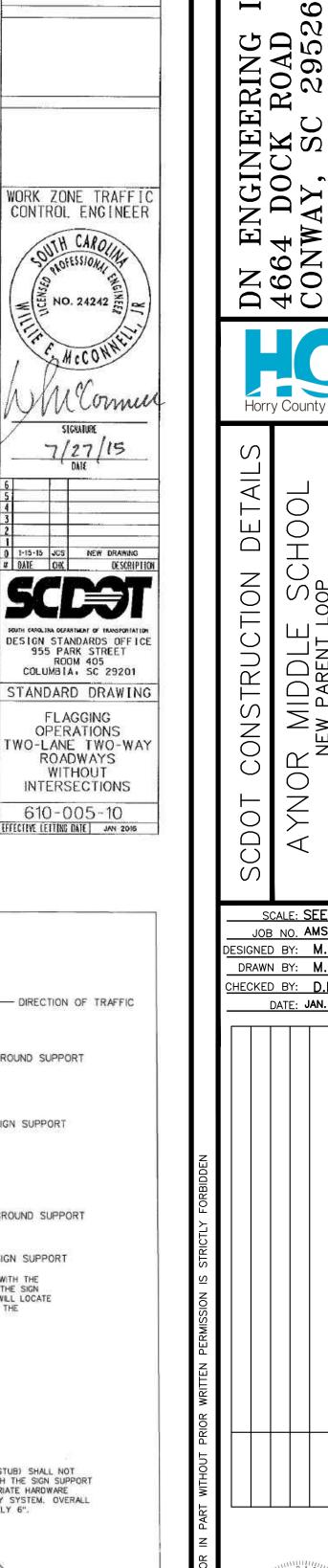
INTERVAL SPACINGS
BASED UPON POSTED
REGULATORY SPEED LIMIT

BUFFER SPACE

200' TO 400' WITHOUT

TRUCK MOUNTED ATTENUATOR
TRAFFIC CONTROL DEVICES
INTERVAL SPACINGS
BASED UPON POSTED







REFERENCES

ROOM 405

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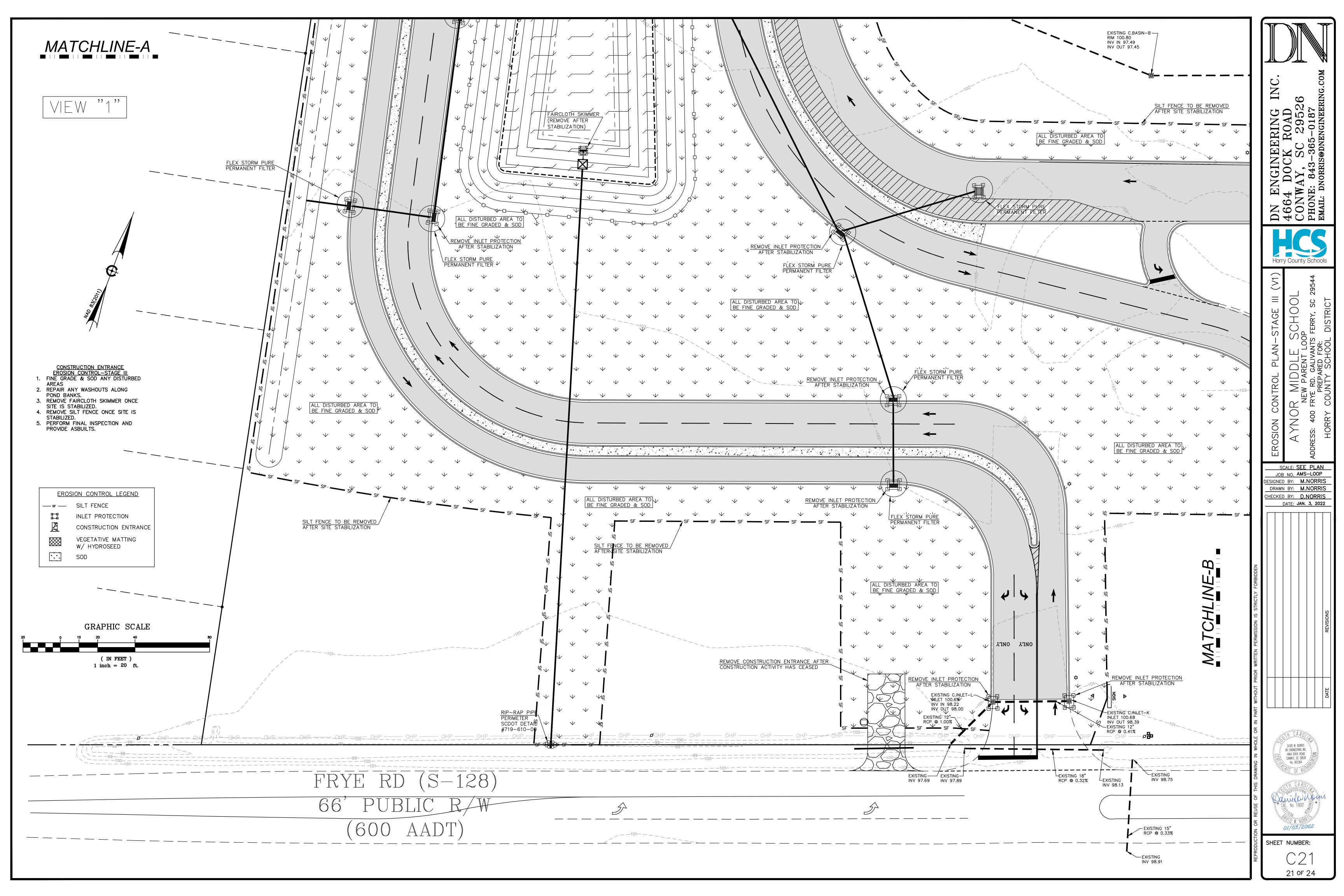
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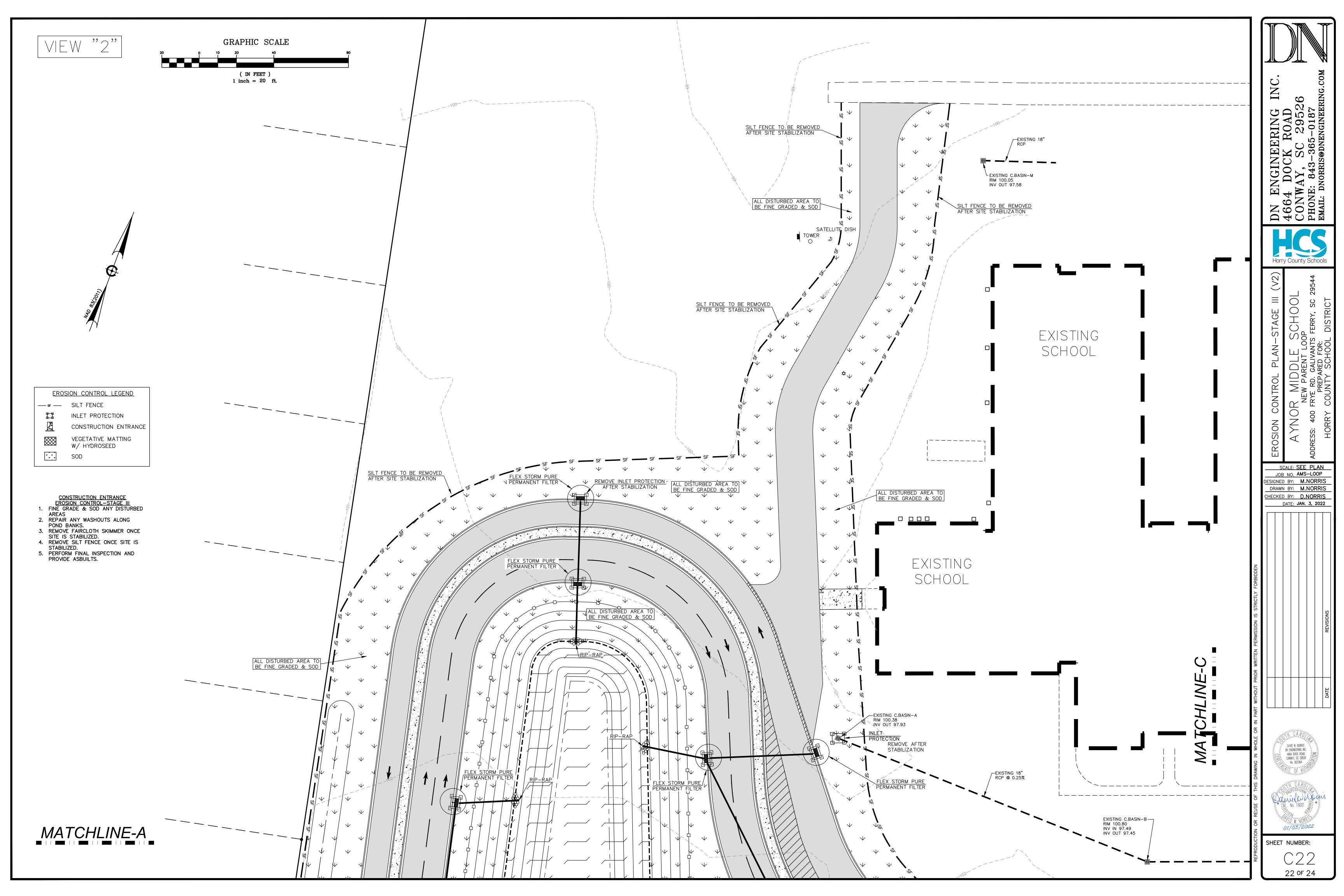
SCALE: SEE PLAN JOB NO. AMS-LOOP ESIGNED BY: M.NORRIS DRAWN BY: M.NORRIS CHECKED BY: D.NORRIS DATE: **JAN. 3, 2022**

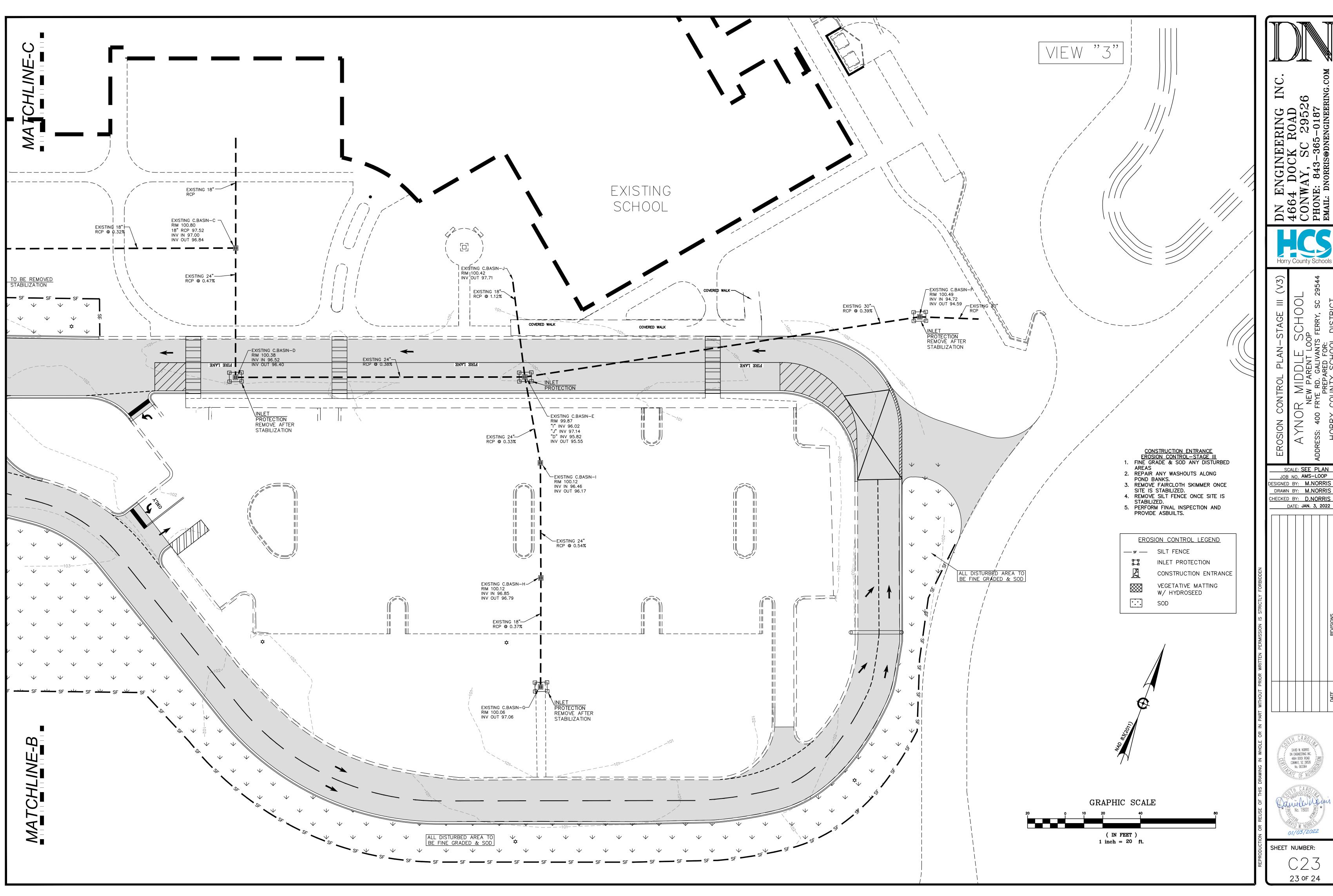
DAVID W. NORRIS DN FNGINEERING INC. 4664 DOCK ROAD CONWAY, SC 29526 No. 003364

01/03/2022

SHEET NUMBER:

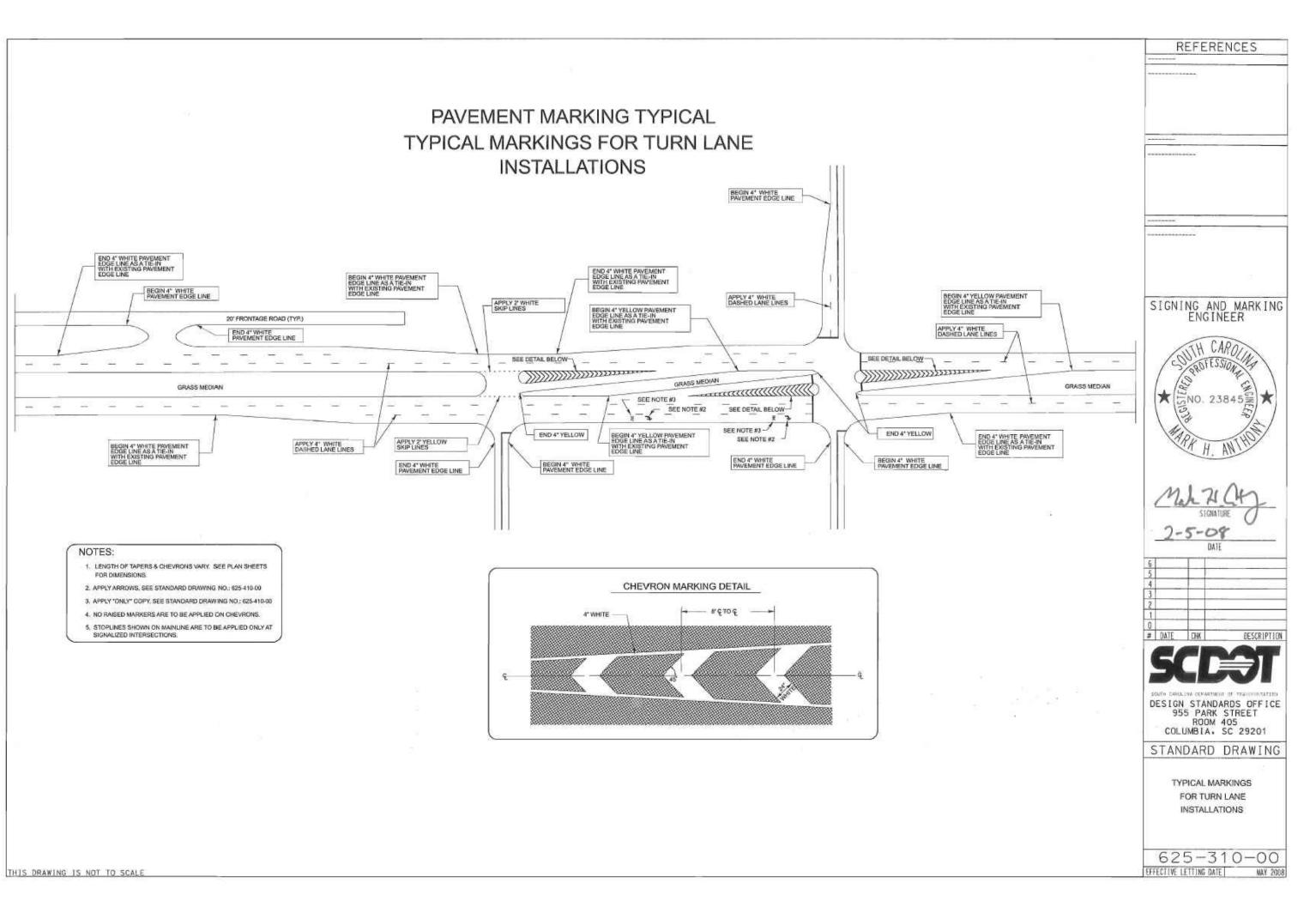






DATE: **JAN. 3, 2022**





SCOST School Area Signs — Alternate Merge

When double stacking on school grounds requires that two lanes merge to one when picking up or dropping off students, S20-1-30 may be used to help provide an orderly merging condition.

-- 5.43 -- | 19.14 -- | 5.43 -- |

S20-1-30:

S20-1-30;

1.88" Radius, 0.75" Border, 0.50" Indent, Black on Bright yellow green;

[STUDENT] C; [LOADING] C; [ZONE] C;

1.88" Radius, 0.75" Border, 0.50" Indent, Black on White;

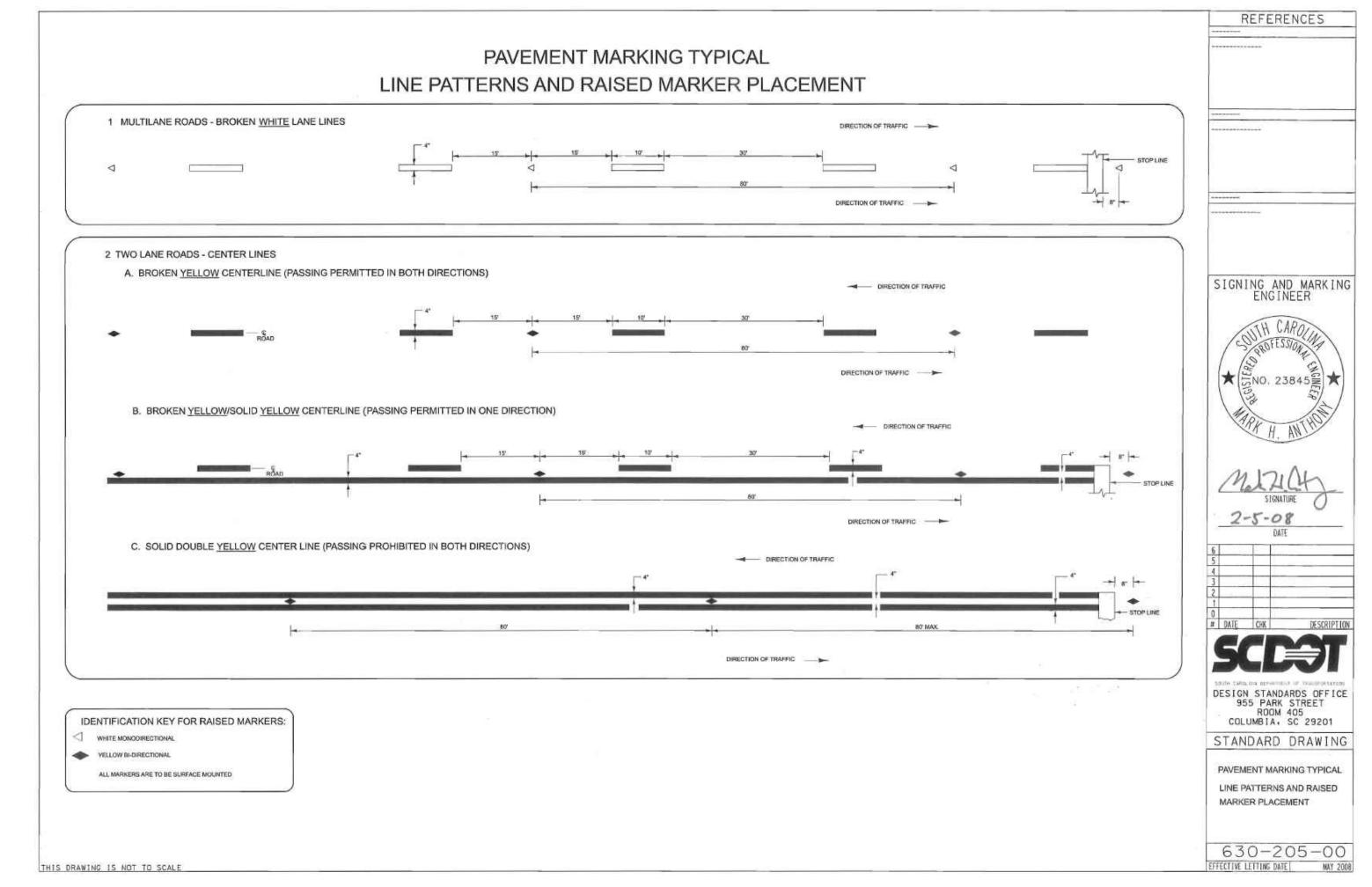
[ALTERNATE] C; [MERCGE] C;

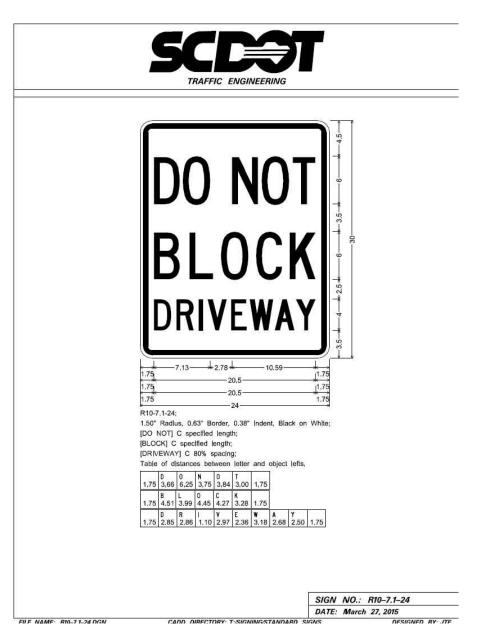
Table of distances between letter and object lefts.

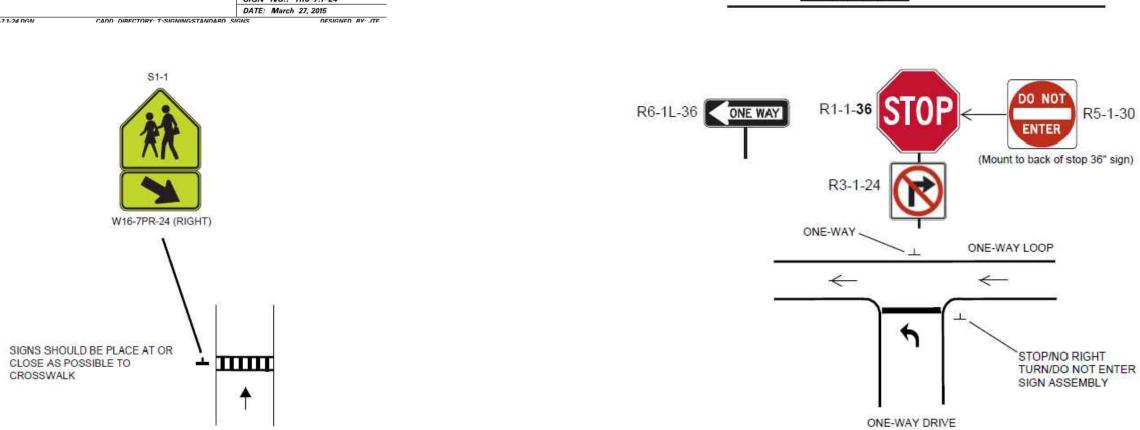
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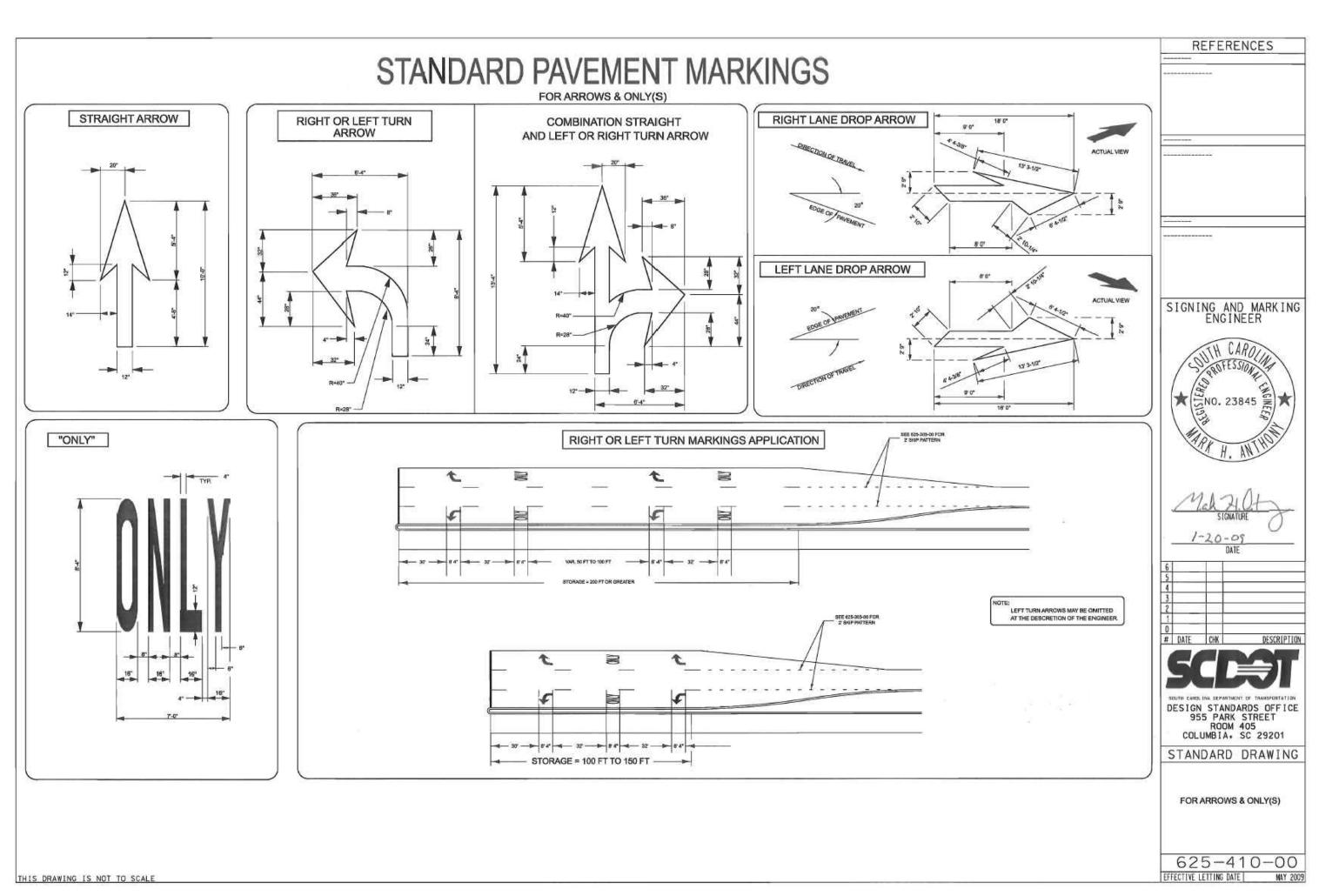
5.43 2.86 2.68 3.03 3.03 2.68 8.8 T T

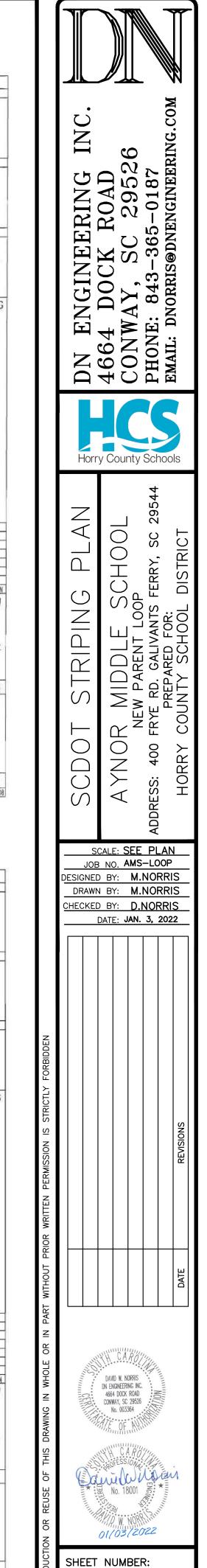
S20-1-30











24 OF 24

