

CONSTRUCTION DRAWINGS OF WILSON RIDGE

A 13 LOT RESIDENTIAL SUBDIVISION MOYOCK TOWNSHIP CURRITUCK COUNTY NORTH CAROLINA

CIVIL LEGEND	
EXISTING	NEW
○	MANHOLE
□	SANITARY CLEANOUT
○	VALVE
○	WATER METER
○	FIRE HYDRANT
○	WELL
○	DROP INLET
○	CURB INLET
○	GAS METER
○	POWER POLE
○	LIGHT POLE
○	LIGHT POLE / CONCRETE BASE
○	PEDESTAL
---	CURB AND GUTTER
---	FENCE
---	PROPERTY LINE
---	BUILDINGS
---	STORM SEWER
---	SANITARY SEWER
---	WATER
---	ELECTRIC & TELEPHONE LINE
---	TRAFFIC BOX
---	SIGN
---	TREE
---	BUSH
---	PAVEMENT
---	CONCRETE
---	TEMPORARY BENCHMARK (TBM)
---	ELEVATIONS
---	TOP OF CURB ELEVATIONS
---	TOP OF WALK ELEVATIONS
---	TOP OF BANK
---	TOP OF SLOPE
---	℄ OF DITCH
---	℄ OF SWALE

SHEET INDEX

- C-001 TITLE SHEET
- C-002 EXISTING CONDITIONS
- CD101 DEMOLITION, EROSION & SEDIMENT CONTROL PLAN
- CG101 OVERALL GRADING & DRAINAGE PLAN
- CS101 OVERALL LAYOUT & UTILITY PLAN
- CL101 LANDSCAPING, LIGHTING & SIGNAGE PLAN
- CP101 PLAN & PROFILE
- CP102 PLAN & PROFILE
- C-501 DETAILS
- C-502 DETAILS
- C-503 DETAILS
- C-504 EROSION AND SEDIMENT CONTROL NOTES & DETAILS
- C-505 NCG01-GROUND STABILIZATION & MATERIALS HANDLING
- C-506 NCG01-SELF INSPECTION, RECORDKEEPING & REPORTING

PROJECT DATA

APPLICANT: CURRITUCK HOMES
101 OAK STREET
MOYOCK, NC 27958

OWNER: WILSON RIDGE OF MOYOCK, LLC
417D CARATOKE HIGHWAY
MOYOCK, NC 27958

CIVIL ENGINEER: C. SCOTT ACEY, PE; MSA, PC
5032 ROUSE DRIVE, SUITE 200
VIRGINIA BEACH, VA 23462
(757) 490-9264 OFFICE
scott.acey@msaonline.com

SURVEYOR: BISSELL PROFESSIONAL GROUP
3512 N CROATAN HWY
KITTY HAWK, NC 27949
(252) 261-3266

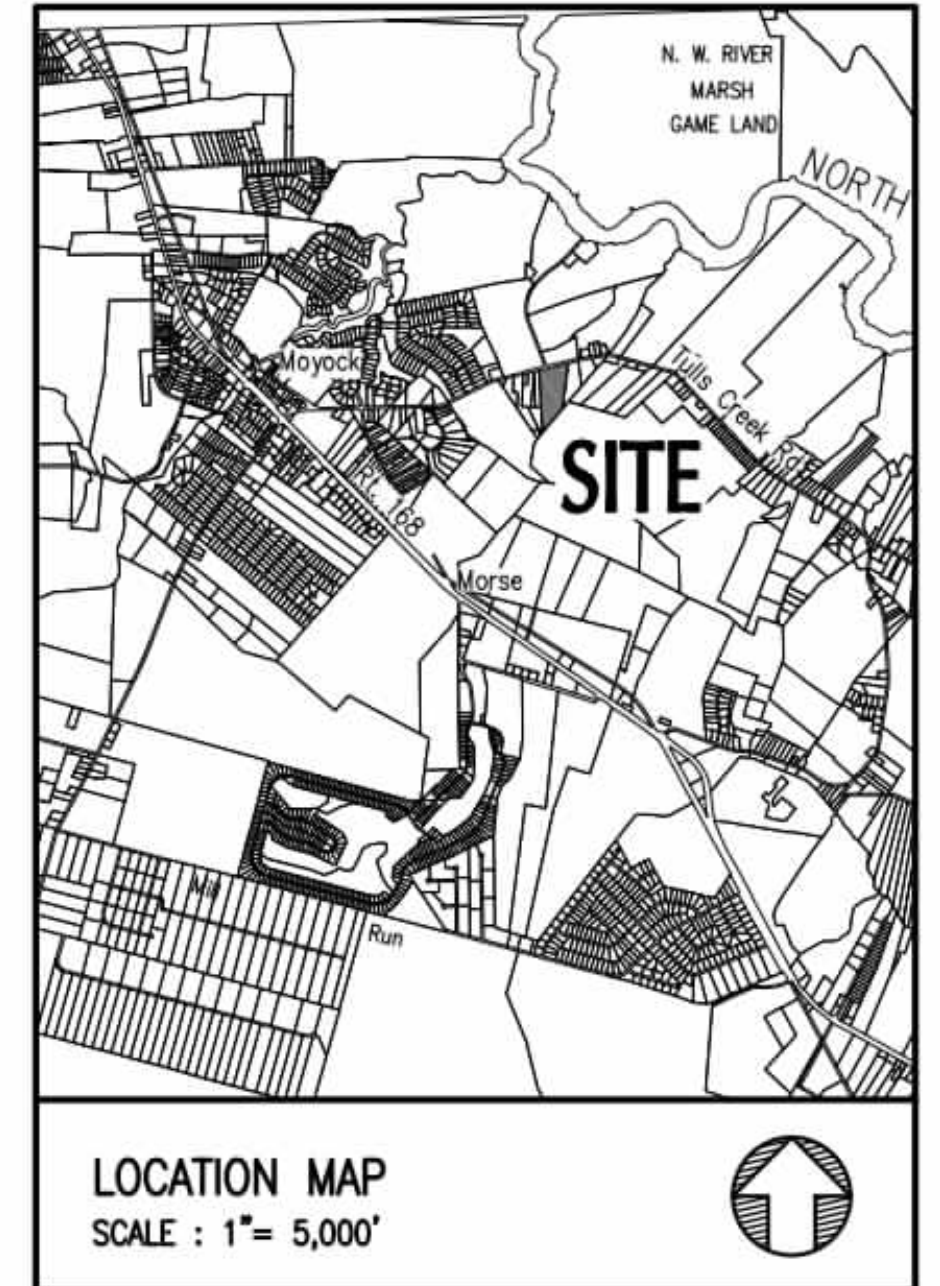
DEVELOPMENT NOTES:

- TOTAL PROPERTY AREA: 19.04 AC.
- DEVELOPMENT SUMMARY
PROPOSED LOT AREA: 11.94 AC.
PROPOSED R/W AREA: 1.32 AC.
PROPOSED OPEN SPACE AREA: 5.78 AC.
TOTAL AREA: 19.04 AC.
OF PROPOSED SINGLE FAMILY LOTS: 13
PROPOSED RIGHT-OF-WAY WIDTH: 50' TYP.
PROPOSED PAVED ROADWAY WIDTH: 20' TYP.
LINEAR FEET OF SUBDIVISION ROADWAY: 892 LF ±
- IMPERVIOUS COVERAGE DATA (BUA):
MAXIMUM TOTAL LOT COVERAGE (25%): 130,000 SF
ROADWAY: 27,260 SF
SIDEWALKS: 16,230 SF
PARKING: 2,046 SF
ALLOWANCE FOR MISC. AMENITIES: 23,505 SF
TOTAL COVERAGE: 199,041 SF (24%)
- DISTURBED AREA SUMMARY:
PROPERTY AREA DISTURBED: 16.60 AC ±
R/W AREA DISTURBED: 0.10 AC ±
TOTAL DISTURBED AREA: 16.70 AC ±

GENERAL NOTES:

- PROJECT NAME: WILSON RIDGE
- APPLICANT: CURRITUCK HOMES
101 OAK STREET
MOYOCK, NC 27958
 - OWNER: WILSON RIDGE OF MOYOCK, LLC
417D CARATOKE HIGHWAY
MOYOCK, NC 27958
 - PROPERTY DATA:
PRIMARY ADDRESS: TULLS CREEK ROAD MOYOCK, NC
PIN: 0014-000-0023-0000
RECORD REFERENCES: DB 1640, PG 829
ACREAGE: 19.04 ACRES
 - PROPERTY ZONING: SFM (SINGLE FAMILY MAINLAND)
 - F.I.R.M. DATA:
ZONE "X" F.E.M.A. F.I.R.M. MAP PANEL 3721803200 X, KD 370078, EFFECTIVE DATE DECEMBER 21, 2018. USE OF LAND WITHIN A FLOODWAY OR FLOOD PLAIN IS SUBSTANTIALLY RESTRICTED BY CHAPTER 7 OF THE CURRITUCK COUNTY UNIFIED DEVELOPMENT ORDINANCE.
 - THIS PROPERTY CONTAINS ACOE "404" JURISDICTIONAL WETLANDS PER ACTION ID# SAW 2021-01359, DATED JULY 2, 2021.
 - A 10' EASEMENT FOR UTILITIES AND DRAINAGE ALONG REAR AND SIDE PROPERTY LINES AND A 20' EASEMENT FOR UTILITIES, DRAINAGE, WALKWAYS & STREET TREES ALONG FRONT PROPERTY LINE IS HEREBY ESTABLISHED.
 - A NON-EXCLUSIVE DRAINAGE EASEMENT IS HEREBY DEDICATED ACROSS ALL OPEN SPACE AREAS FOR PURPOSES OF OPERATION AND MAINTENANCE OF STORMWATER MANAGEMENT SYSTEM.
 - EXISTING CONDITION INFORMATION BASED ON A COMBINATION OF THE FOLLOWING:
• 2023 FIELD SURVEY DATA OBTAINED BY BISSELL PROFESSIONAL GROUP.
• FIELD TOPOGRAPHIC SURVEY DATA BY BISSELL PROFESSIONAL GROUP.
• ELEVATIONS ARE REFERENCED TO NAVD 1988 VERTICAL DATUM.
 - SUBDIVISION IS DESIGNED FOR SINGLE FAMILY DWELLINGS OF LESS THAN 4,800 SF AND NO GREATER THAN 2 STORIES.
 - AVAILABLE WATER SUPPLY IS 1299 GPM PER COUNTY GIS.
 - A NON-EXCLUSIVE DRAINAGE EASEMENT IS HEREBY DEDICATED ACROSS ALL OPEN SPACE AREAS. A 25' DRAINAGE EASEMENT IS HEREBY ESTABLISHED FROM THE TOP OF BANK OF ALL DITCHES DRAINING 5 OR MORE ACRES, WHICH MAY EXTEND BEYOND DEDICATED OPEN SPACE AREAS ONTO SOME LOTS, AS SHOWN.
 - A 10 FT. EASEMENT IS HEREBY ESTABLISHED ALONG ALL LOTS ABUTTING A STREET RIGHT-OF-WAY FOR THE PLANTING AND MAINTENANCE OF STREET TREES. (SEE DETAILS SHEET C-501)
 - ALL NEW UTILITIES SHALL BE INSTALLED UNDERGROUND.
 - A PAYMENT IN LIEU OF RECREATION AND PARK AREA DEDICATION WILL BE PROVIDED IN ACCORDANCE WITH CURRITUCK COUNTY UNIFIED DEVELOPMENT ORDINANCE. PAYMENT IN LIEU OF RECEIVED BY THE COUNTY SHALL BE USED ONLY FOR THE ACQUISITION AND DEVELOPMENT OF RECREATION PARK AREAS, AND OPEN SPACE SITES CONSISTENT WITH THE REQUIREMENTS OF THE NORTH CAROLINA GENERAL STATUTES SECTION 160D, OR DEDICATION WILL BE PROVIDED AS SHOWN ON PLAN. (13 LOTS X 0.0255 AC. / LOT = 0.332 AC.)

DEVELOPMENT DATA	
ITEM	VALUE
TOTAL TRACT AREA:	19.04 AC
PROPOSED LOT AREA:	11.94 AC
PROPOSED R/W AREA:	1.32 AC
REQUIRED OPEN SPACE (30%):	5.71 AC
OPEN SPACE PROVIDED:	5.78 AC
LUP CLASSIFICATION:	RURAL
# OF PROPOSED LOTS	13 LOTS
AVERAGE LOT AREA:	40,000 SF
PROPOSED RIGHT-OF-WAY WIDTH:	50 FEET
PROPOSED PAVED ROADWAY WIDTH:	20 FEET (EOP - EOP)
LINEAR FEET OF ON-SITE ROADWAY:	±892 LF
LOT DEVELOPMENT CONFIGURATION	
LOT AREAS: ALL EXACTLY 40,000 SF	
MINIMUM LOT WIDTH:	125 FEET (EXCEPT CUL-DE-SAC LOTS)
SETBACKS:	
FRONT	30 FEET
SIDE	10 FEET
REAR	25 FEET
CORNER SIDE YARD	30 FEET



SURVEY LEGEND	
SCM	SET CONCRETE MONUMENT
ECM	EXISTING CONCRETE MONUMENT
SIR	SET IRON ROD
EIR	EXISTING IRON ROD
EIP	EXISTING IRON PIPE
CP	CALCULATED POINT
M.B.L.	MAXIMUM BUILDING LIMIT
N.T.S.	NOT TO SCALE
P.C.	PLAT CABINET
D.B.	DEED BOOK
SL	SLIDE
SF	SQUARE FEET
AC	ACRES

A STORMWATER MAINTENANCE AND ACCESS EASEMENT ACROSS ALL OPEN SPACE IS TO BE GRANTED TO WILSON RIDGE HOMEOWNERS ASSOCIATION AND TO NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY (NCEM). NCEM WILL NOT ASSUME RESPONSIBILITY FOR MAINTENANCE OF STORMWATER APPURTENANCES. OPERATION AND MAINTENANCE REMAIN THE RESPONSIBILITY OF THE WILSON RIDGE HOMEOWNERS ASSOCIATION, THEIR SUCCESSORS AND ASSIGNS.

NOTE:
EXISTING SITE INFORMATION DESCRIBED HEREON IS BELIEVED TO BE ACCURATE. HOWEVER, BPG INC. MAKES NO WARRANTY AS TO THE ACCURACY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THIS INFORMATION BEFORE RELYING ON IT. THE CONTENT OF THESE DOCUMENTS MAY ALSO INCLUDE TECHNICAL INACCURACIES OR TYPOGRAPHICAL ERRORS. IF SUCH CONDITIONS EXIST, THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER PRIOR TO PROCEEDING WITH THE SCHEDULED WORK AND MAY CONTINUE AFTER AN AUTHORIZATION TO PROCEED HAS BEEN GRANTED.

STORMWATER STATEMENT

NO MORE THAN 30% OF ANY LOT SHALL BE IMPERVIOUS STRUCTURES AND MATERIALS, INCLUDING ASPHALT, GRAVEL, CONCRETE, BRICK STONE, SLATE OR SIMILAR MATERIAL, NOT INCLUDING WOOD DECKING OR THE WATER SURFACE OF SWIMMING POOLS. THIS COVENANT IS INTENDED TO ENSURE COMPLIANCE WITH THE STORMWATER PERMIT NUMBER SW##### ISSUED BY THE STATE OF NORTH CAROLINA. THE COVENANT MAY NOT BE CHANGED OR DELETED WITHOUT THE CONSENT OF THE STATE. FILLING IN OR PIPING OF ANY VEGETATIVE CONVEYANCES (DITCHES, SWALES, ETC.) ASSOCIATED WITH THIS DEVELOPMENT, EXCEPT FOR AVERAGE DRIVEWAY CROSSINGS, IS STRICTLY PROHIBITED BY ANY PERSON. THE LOT COVERAGE ALLOWANCE PROVIDED IN THE CURRITUCK COUNTY UNIFIED DEVELOPMENT ORDINANCE MAY BE DIFFERENT THAN THE NC STATE STORMWATER PERMIT. THE MOST RESTRICTIVE LOT COVERAGE SHALL APPLY.

THE FOLLOWING PERMITS ARE REQUIRED PRIOR TO PROJECT CONSTRUCTION:

PERMIT	AGENCY	REFERENCE NUMBER	DATE OF ISSUANCE
SEDIMENTATION AND EROSION CONTROL PERMIT	N.C.D.E.Q. - DIVISION OF LAND RESOURCES	-	-
STORMWATER MANAGEMENT PERMIT	N.C.D.E.Q. - DIVISION OF LAND RESOURCES	-	-
WATERLINE EXTENSION AUTHORIZATION TO CONSTRUCT	N.C.D.E.Q. - PUBLIC WATER SUPPLY	-	-
DRIVEWAY PERMIT	NCDOT	-	-
ENCROACHMENT AGREEMENT	NCDOT	N/A	N/A
CURRITUCK COUNTY PRELIMINARY PLAT & USE PERMIT	CURRITUCK COUNTY BOARD OF COMMISSIONERS	-	-
CURRITUCK COUNTY CONSTRUCTION AUTHORIZATION	CURRITUCK COUNTY PLANNING STAFF	-	-



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STORMWATER CERTIFICATE

I, _____ OWNER/AGENT HEREBY CERTIFY THE INFORMATION INCLUDED ON THIS AND ATTACHED PAGES IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

ON THE PLAN ENTITLED, CONSTRUCTION DRAWINGS FOR BAXTER STATION - GRADING, DRAINAGE AND STORMWATER MANAGEMENT PLAN, STORMWATER DRAINAGE IMPROVEMENTS SHALL BE INSTALLED ACCORDING TO THESE PLANS AND SPECIFICATIONS AND APPROVED BY CURRITUCK COUNTY. YEARLY INSPECTIONS ARE REQUIRED AS PART OF THE STORMWATER PLAN. THE OWNER IS RESPONSIBLE FOR ALL MAINTENANCE REQUIRED. CURRITUCK COUNTY ASSUMES NO RESPONSIBILITY FOR THE DESIGN, MAINTENANCE, OR PERFORMANCE OF THE STORMWATER IMPROVEMENTS.

DATE _____ OWNER/AGENT _____

PLAN STATUS			WILSON RIDGE
DATE	INITIAL	DESCRIPTION	
03/04/2025	CSA	1st SUBMITTAL	C-001 1 of 14 Sheets PROJ. NO.: 24100

DEMOLITION KEYNOTES:

1. REMOVE TREES, CLEAR & GRUB
2. DEMUCK & BACKFILL DITCH
3. INSTALL ±24 LF TEMPORARY 15" HDPE, SEE E&S SEQUENCING NOTE #3 THIS SHEET
4. REMOVE STORM PIPE
5. NOT USED
6. INSTALL 15" HP PIPE PER STORM SCHEDULE ONCE EXISTING PIPE IS REMOVED, SEE E&S SEQUENCING NOTE #2 THIS SHEET

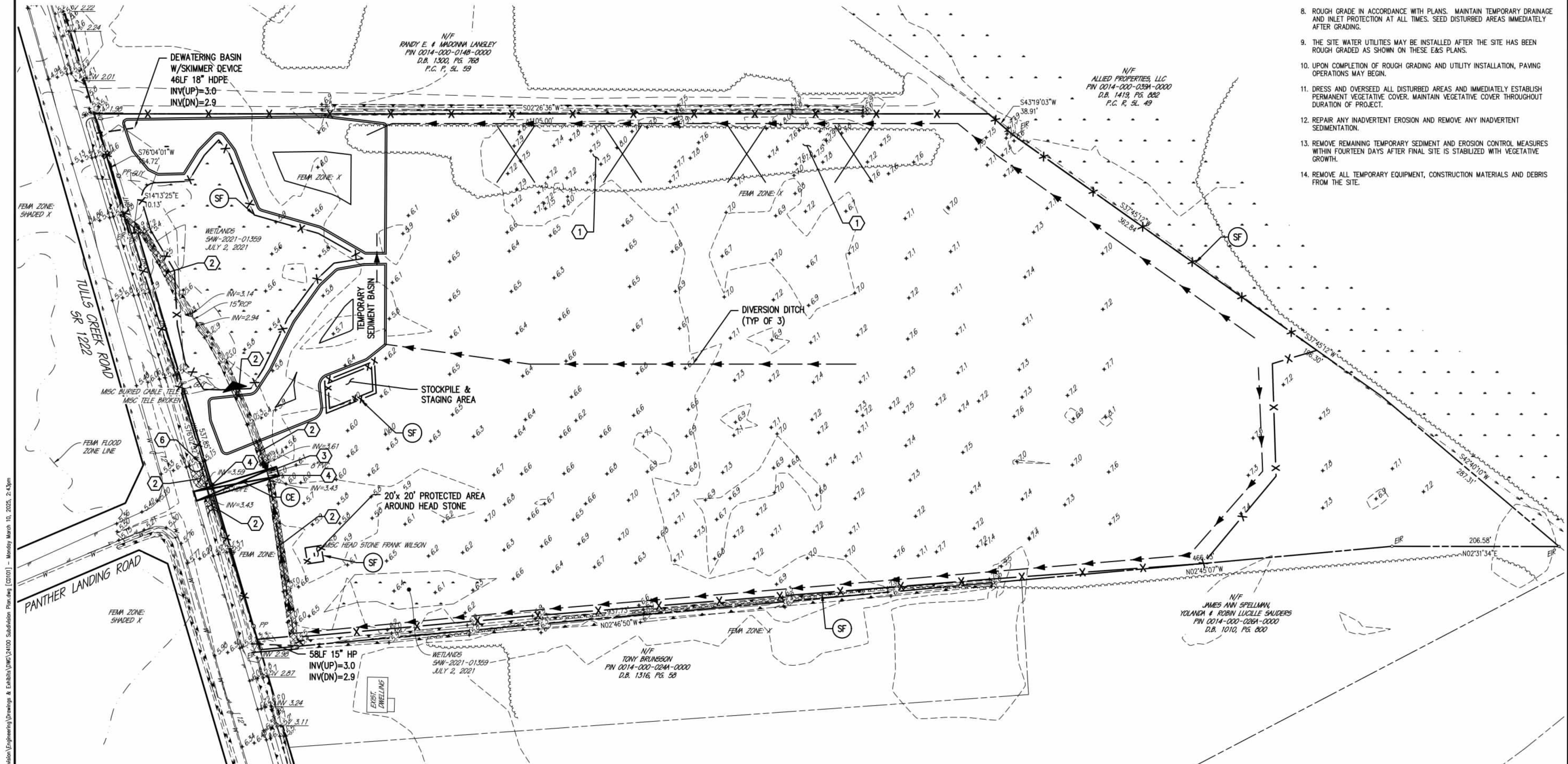
EROSION CONTROL LEGEND

DESCRIPTION	SYMBOL
SILT FENCE (DENOTES LOD)	
CONSTRUCTION ENTRANCE	
TREE PROTECTION	
TEMPORARY SEEDING	
PERMANENT SEEDING	
OUTLET PROTECTION	
LIMITS OF PHASE ONE E&S	



EROSION CONTROL AND CONSTRUCTION SEQUENCING:

1. ACQUIRE NECESSARY PERMITS.
2. INSTALL EROSION AND SEDIMENT CONTROL MEASURES CONSISTING INITIALLY OF REMOVING THE EXISTING ENTRANCE CULVERT, PERMANENT CULVERT INSTALLATION & SELECT FILL OF DITCHES AS SHOWN FOR ROADWAY CONSTRUCTION.
3. INSTALL CONSTRUCTION ENTRANCE AS SHOWN AND REMOVE EXISTING ON-SITE PIPE AND REPLACE WITH TEMPORARY 15" HP PIPE AS A MEANS OF CONVEYANCE TO THE TEMPORARY SEDIMENT BASIN. PIPE TO BE REMOVED AND REUSED ONCE ADDITIONAL STORMWATER BASIN IS EXCAVATED AND CONNECTING PIPES ARE INSTALLED.
4. INSTALL EROSION AND SEDIMENT CONTROL MEASURES CONSISTING OF CHECK DAMS ON EXISTING FARM DITCHES WHICH CURRENTLY OUTFALL FROM THE SITE, AND SILT FENCE.
5. ONCE THE CHECK DAMS AND SILT FENCE ARE IN PLACE, THE CONTRACTOR IS TO GRADE THE SITE TO DRAIN POSITIVELY TO DIVERSION DITCHES AS SHOWN ON THE EROSION & SEDIMENT CONTROL PLAN TO PROVIDE CONVEYANCE TO SEDIMENT BASIN. EROSION AND SEDIMENTATION CONTROLS SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBANCE AND SHALL BE MAINTAINED UNTIL SUCH A TIME AS A VEGETATIVE COVER IS ESTABLISHED.
6. IF STOCKPILE AREAS ARE USED, ALL SILT FENCE AROUND THE STOCKPILE AREAS MUST BE IN PLACE BEFORE EARTH MOVING BEGINS.
7. INSTALL REMAINING STORM SYSTEM. ONLY DEMOLISH AND DISTURB AREAS NEEDED TO INSTALL STORM SYSTEM. ONCE THE STORM SYSTEM IS INSTALLED, THE REMAINING DEMOLITION ITEMS AND DISTURBANCE MAY BEGIN.
8. ROUGH GRADE IN ACCORDANCE WITH PLANS. MAINTAIN TEMPORARY DRAINAGE AND INLET PROTECTION AT ALL TIMES. SEED DISTURBED AREAS IMMEDIATELY AFTER GRADING.
9. THE SITE WATER UTILITIES MAY BE INSTALLED AFTER THE SITE HAS BEEN ROUGH GRADED AS SHOWN ON THESE E&S PLANS.
10. UPON COMPLETION OF ROUGH GRADING AND UTILITY INSTALLATION, PAVING OPERATIONS MAY BEGIN.
11. DRESS AND OVERSEED ALL DISTURBED AREAS AND IMMEDIATELY ESTABLISH PERMANENT VEGETATIVE COVER. MAINTAIN VEGETATIVE COVER THROUGHOUT DURATION OF PROJECT.
12. REPAIR ANY INADVERTENT EROSION AND REMOVE ANY INADVERTENT SEDIMENTATION.
13. REMOVE REMAINING TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES WITHIN FOURTEEN DAYS AFTER FINAL SITE IS STABILIZED WITH VEGETATIVE GROWTH.
14. REMOVE ALL TEMPORARY EQUIPMENT, CONSTRUCTION MATERIALS AND DEBRIS FROM THE SITE.



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DRAWN	LDJ
CHECKED	DMW
APPROVED	CSA
DATE	03/04/25

REVISION	NO.	DATE	DESCRIPTION

DEMOLITION, EROSION & SEDIMENT CONTROL PLAN
OF
WILSON RIDGE
CURRITUCK COUNTY NORTH CAROLINA
MOYOCK TOWNSHIP



SHEET
CD101
3 of 14 Sheets
SCALE: 1"=60'
PROJ. NO.: 24100

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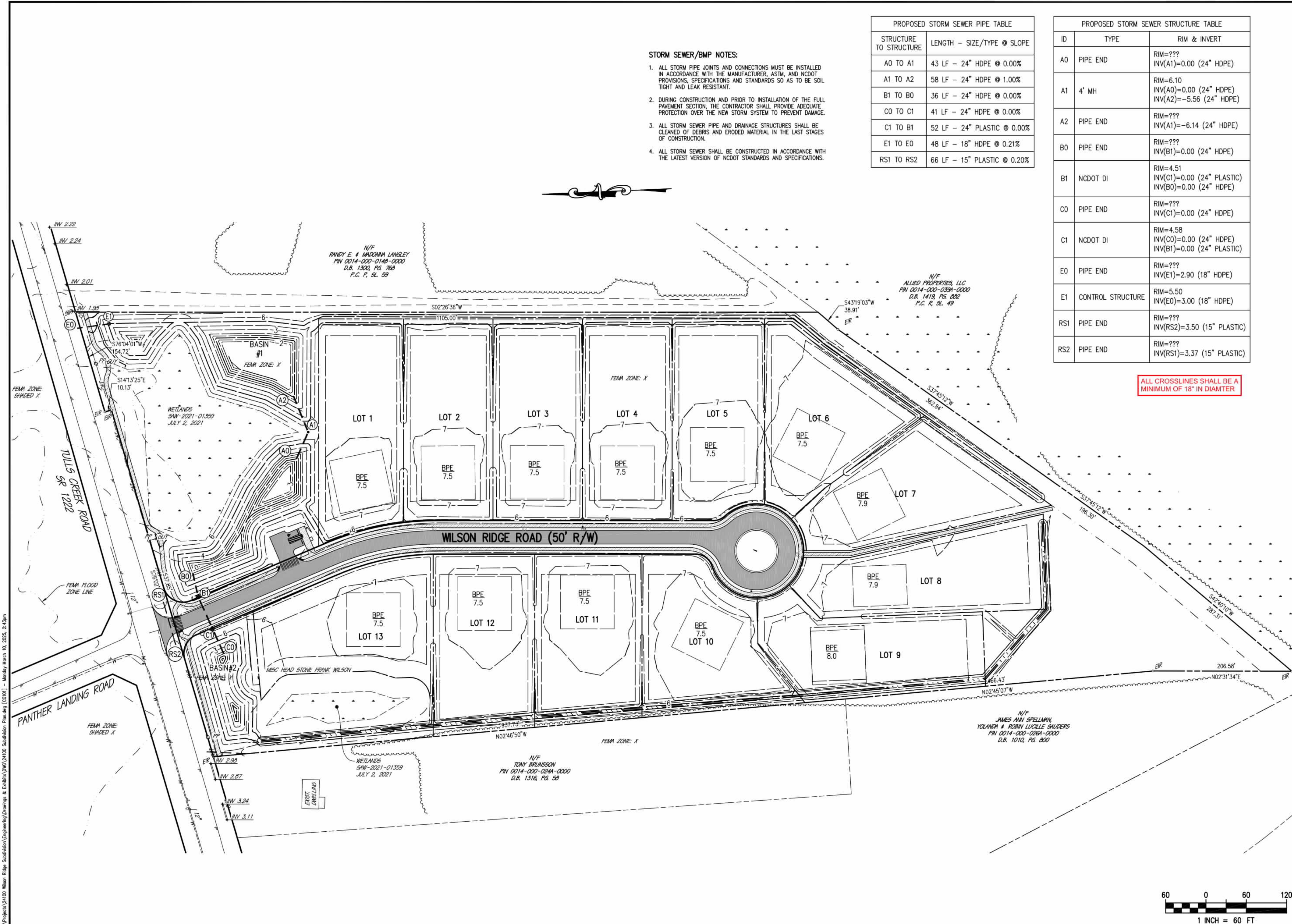
STORM SEWER/BMP NOTES:


1. ALL STORM PIPE JOINTS AND CONNECTIONS MUST BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER, ASTM, AND NCDOT PROVISIONS, SPECIFICATIONS AND STANDARDS SO AS TO BE SOIL TIGHT AND LEAK RESISTANT.
2. DURING CONSTRUCTION AND PRIOR TO INSTALLATION OF THE FULL PAVEMENT SECTION, THE CONTRACTOR SHALL PROVIDE ADEQUATE PROTECTION OVER THE NEW STORM SYSTEM TO PREVENT DAMAGE.
3. ALL STORM SEWER PIPE AND DRAINAGE STRUCTURES SHALL BE CLEANED OF DEBRIS AND ERODED MATERIAL IN THE LAST STAGES OF CONSTRUCTION.
4. ALL STORM SEWER SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST VERSION OF NCDOT STANDARDS AND SPECIFICATIONS.

PROPOSED STORM SEWER PIPE TABLE	
STRUCTURE TO STRUCTURE	LENGTH - SIZE/TYPE @ SLOPE
A0 TO A1	43 LF - 24" HDPE @ 0.00%
A1 TO A2	58 LF - 24" HDPE @ 1.00%
B1 TO B0	36 LF - 24" HDPE @ 0.00%
C0 TO C1	41 LF - 24" HDPE @ 0.00%
C1 TO B1	52 LF - 24" PLASTIC @ 0.00%
E1 TO E0	48 LF - 18" HDPE @ 0.21%
RS1 TO RS2	66 LF - 15" PLASTIC @ 0.20%

PROPOSED STORM SEWER STRUCTURE TABLE		
ID	TYPE	RIM & INVERT
A0	PIPE END	RIM=??? INV(A1)=0.00 (24" HDPE)
A1	4' MH	RIM=6.10 INV(A0)=0.00 (24" HDPE) INV(A2)=-5.56 (24" HDPE)
A2	PIPE END	RIM=??? INV(A1)=-6.14 (24" HDPE)
B0	PIPE END	RIM=??? INV(B1)=0.00 (24" HDPE)
B1	NCDOT DI	RIM=4.51 INV(C1)=0.00 (24" PLASTIC) INV(B0)=0.00 (24" HDPE)
C0	PIPE END	RIM=??? INV(C1)=0.00 (24" HDPE)
C1	NCDOT DI	RIM=4.58 INV(C0)=0.00 (24" HDPE) INV(B1)=0.00 (24" PLASTIC)
E0	PIPE END	RIM=??? INV(E1)=2.90 (18" HDPE)
E1	CONTROL STRUCTURE	RIM=5.50 INV(E0)=3.00 (18" HDPE)
RS1	PIPE END	RIM=??? INV(RS2)=3.50 (15" PLASTIC)
RS2	PIPE END	RIM=??? INV(RS1)=3.37 (15" PLASTIC)

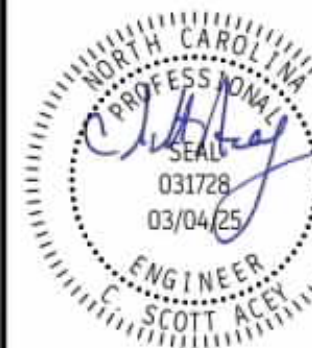
ALL CROSSLINES SHALL BE A MINIMUM OF 18" IN DIAMETER





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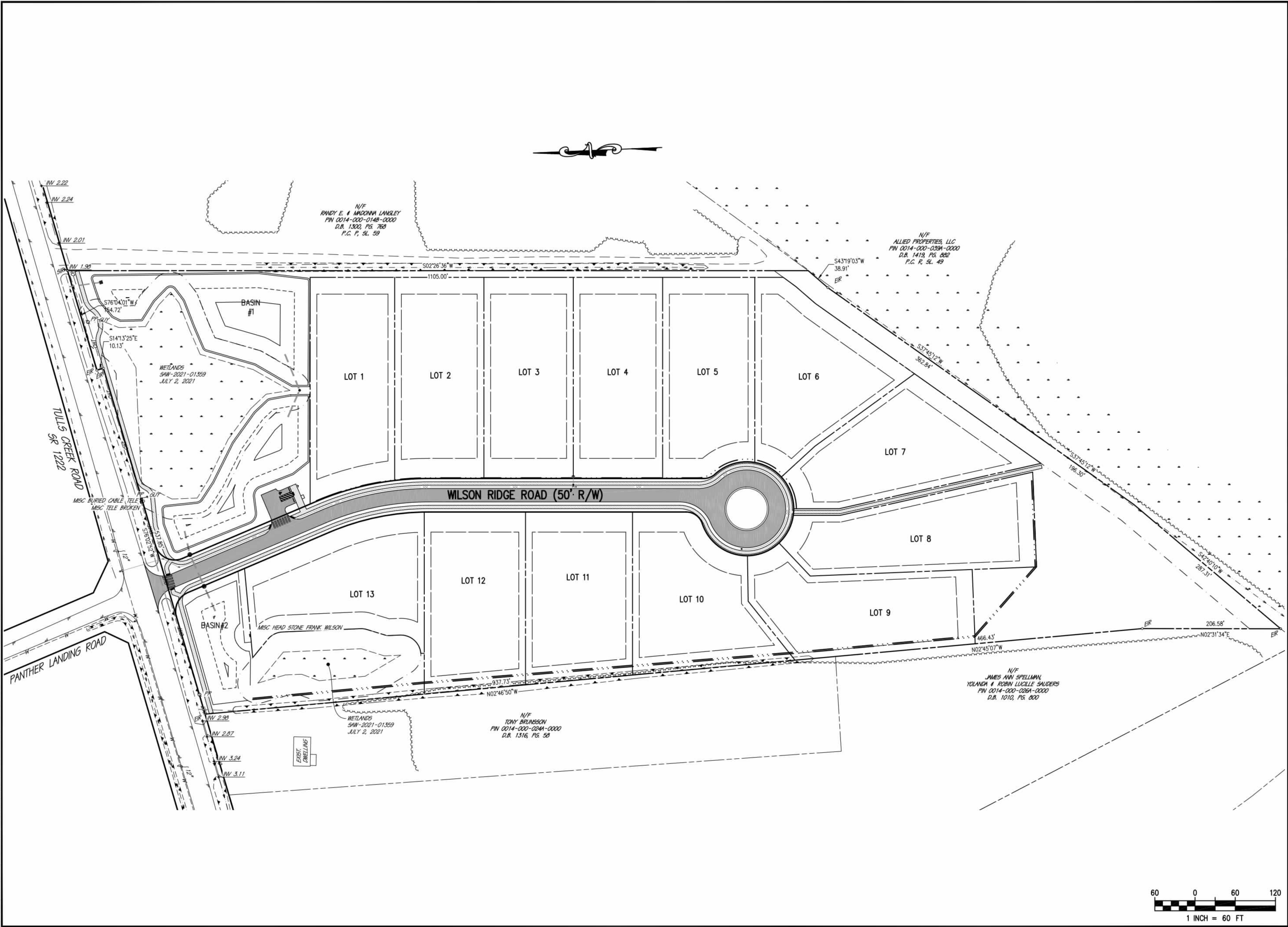
Professional Engineer
J. H. [Name]
031728
03/04/25
ENGINEER
CURTIS A. [Name]

DESIGNED	RWS	DATE	03/04/25
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CHECKED	DMW		
APPROVED	CSA		

OVERALL GRADING & DRAINAGE PLAN
OF
WILSON RIDGE
CURRITUCK COUNTY NORTH CAROLINA
MOYOCK TOWNSHIP

SHEET
CG101
4 of 14 Sheets
SCALE: 1"=60'
PROJ. NO.: 24100

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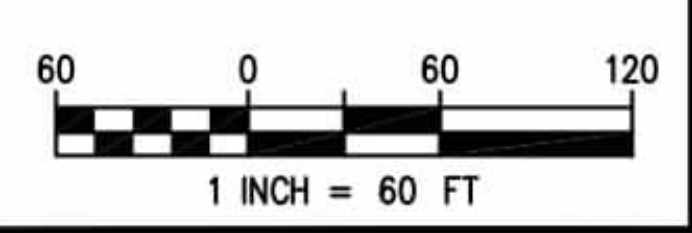
Professional Engineer Seal:
 PROFESSIONAL ENGINEER
 CAROLINA
 No. 031728
 03/04/25
 SCOTT A. JONES

DESIGNED	RWS
DRAWN	LDJ
CHECKED	DMW
APPROVED	CSA
DATE	03/04/25

REVISION	DATE	DESCRIPTION

LANDSCAPING, LIGHTING & SIGNAGE PLAN
 OF
WILSON RIDGE
 CURRITUCK COUNTY NORTH CAROLINA
 MOYOCK TOWNSHIP

SHEET
CL101
 6 of 14 Sheets
 SCALE: 1"=60'
 PROJ. NO.: 24100



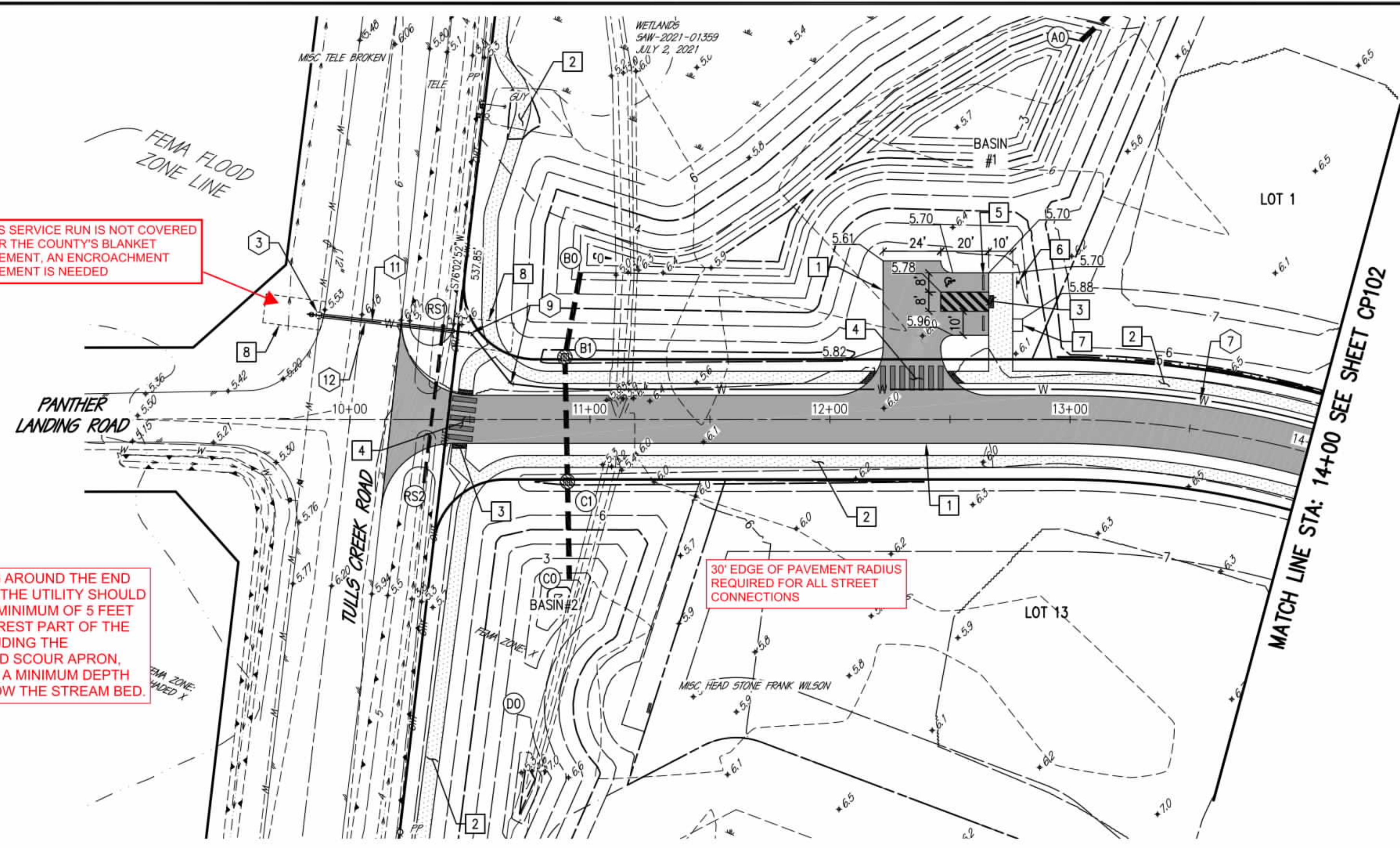


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DRAWN					03/04/25
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APPROVED					

REVISION	NO.	DESCRIPTION

PLAN & PROFILE OF
WILSON RIDGE

CURRITUCK COUNTY NORTH CAROLINA
MOYOCK TOWNSHIP



IF THIS SERVICE RUN IS NOT COVERED UNDER THE COUNTY'S BLANKET AGREEMENT, AN ENCROACHMENT AGREEMENT IS NEEDED

WHEN BURYING AROUND THE END OF A CULVERT, THE UTILITY SHOULD BE LOCATED A MINIMUM OF 5 FEET FROM THE NEAREST PART OF THE CULVERT INCLUDING THE WINGWALLS AND SCOUR APRON, AND BURIED AT A MINIMUM DEPTH OF 2 FEET BELOW THE STREAM BED.

30' EDGE OF PAVEMENT RADIUS REQUIRED FOR ALL STREET CONNECTIONS

UTILITY KEYNOTES:

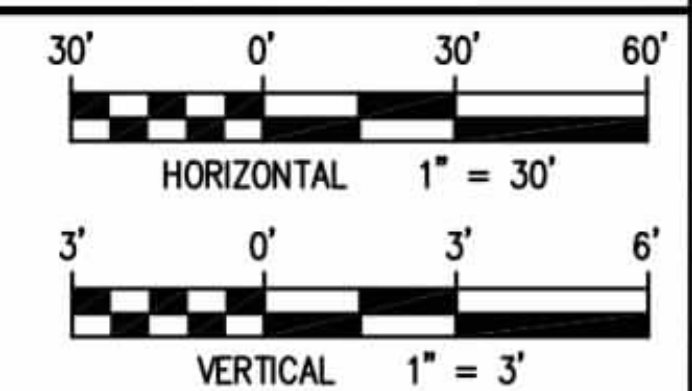
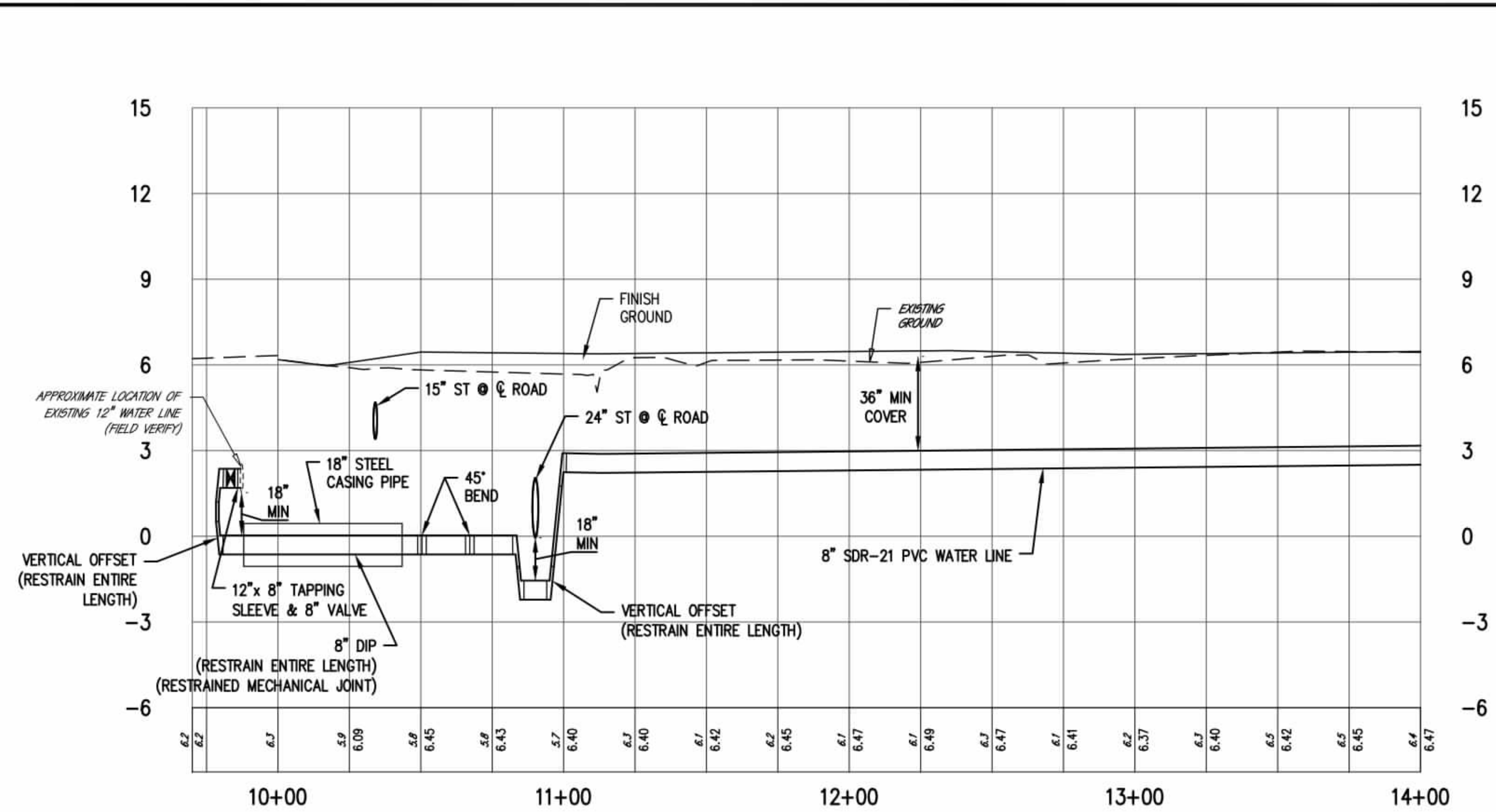
1. FIRE HYDRANT ASSEMBLY
2. 8" x 6" TEE & 6" GATE VALVE
3. 12" x 8" TAPPING SLEEVE & 8" GATE VALVE (REVERSE TAP)
4. 3/4" WATER SERVICE (TYP)
5. 2" BLOW OFF VALVE
6. 8" x 4" REDUCER
7. 8" SDR-21 PVC WATER MAIN
8. 4" SDR-21 PVC WATER MAIN
9. 45° BEND
10. BLUE REFLECTOR
11. 8" DIP
12. 18" STEEL CASING PIPE

NEW WORK KEYNOTES:

1. EDGE OF PAVEMENT
2. 5" CONCRETE SIDEWALK
3. TRUNCATED DOME DETECTABLE WARNING (TYP)
4. PEDESTRIAN CROSSWALK (TYP)
5. WHEELSTOP (TYP)
6. VAN ACCESSIBLE HANDICAP SIGN AS PER ADA STANDARDS
7. MAILBOX KIOSK
8. JACK & BORE PIT

SEE SHEET CG101 FOR STORM SEWER SCHEDULE

WILSON RIDGE ROAD (50' R/W)
SCALE: 1"=30'



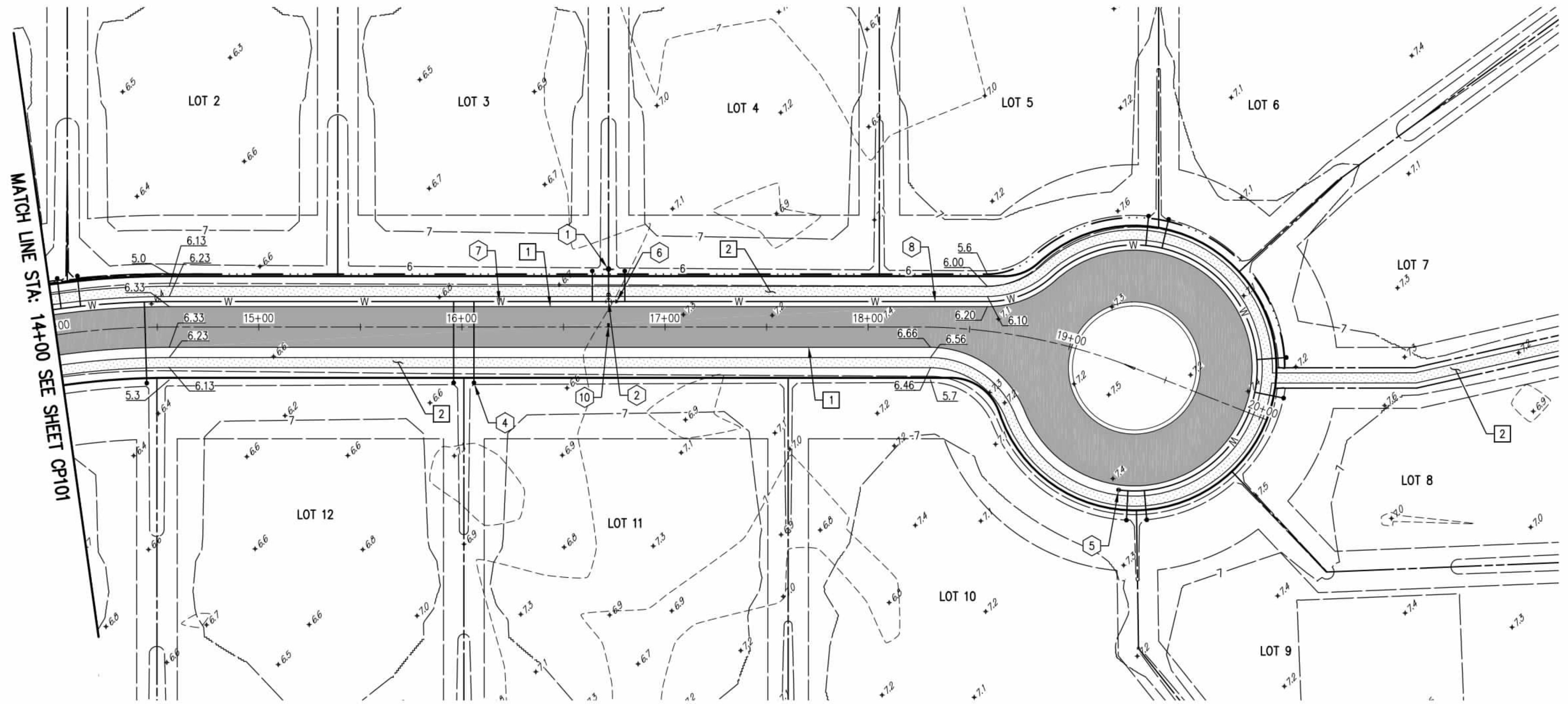
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UTILITY KEYNOTES:

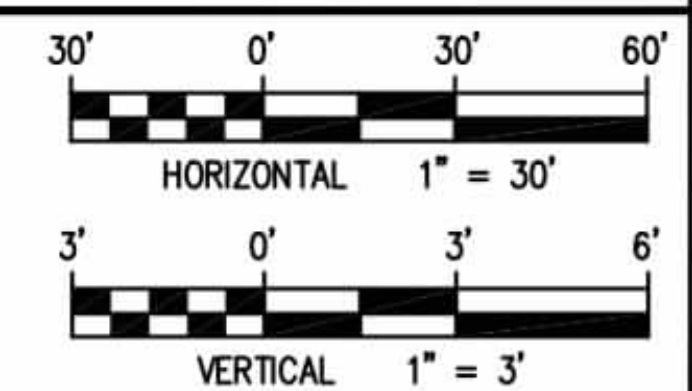
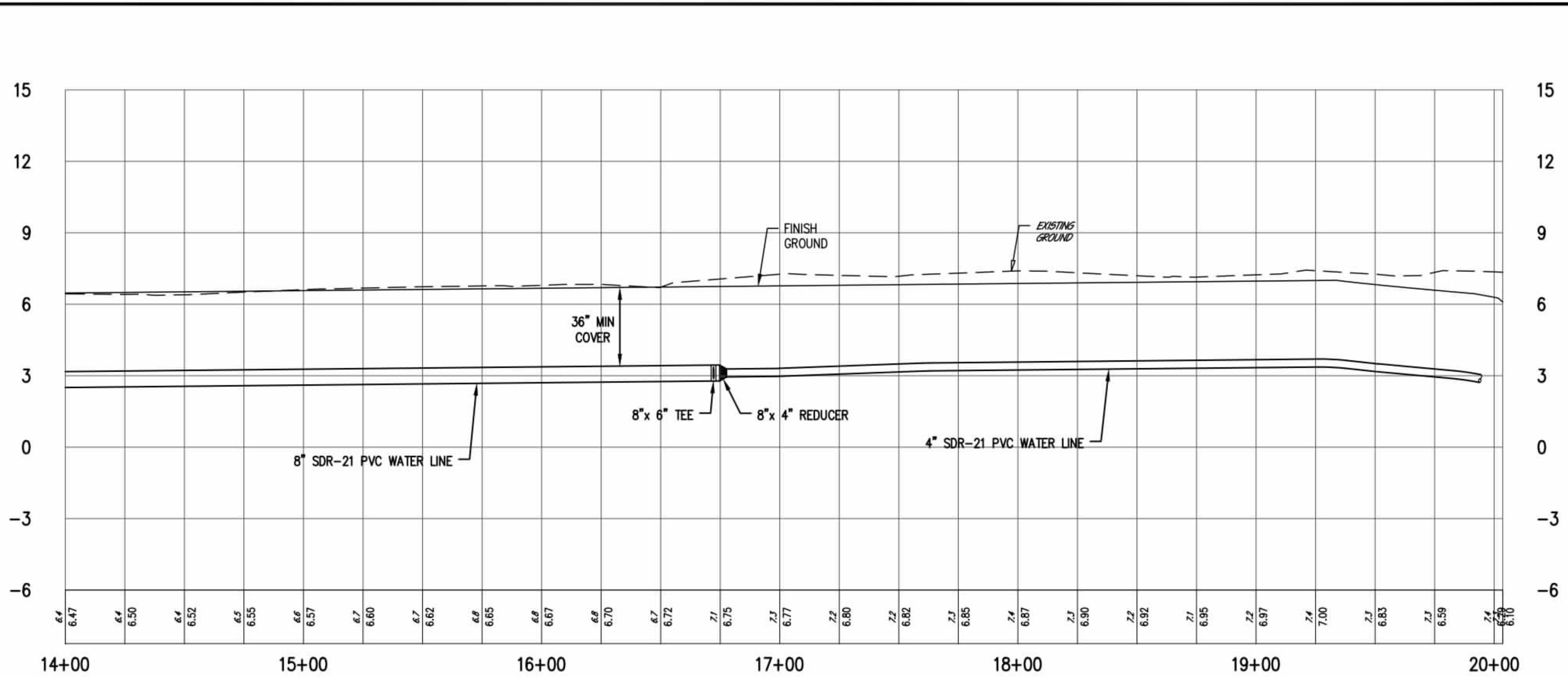
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NEW WORK KEYNOTES:

1. EDGE OF PAVEMENT
2. 5" CONCRETE SIDEWALK
3. TRUNCATED DOME DETECTABLE WARNING (TYP)
4. PEDESTRIAN CROSSWALK (TYP)
5. WHEELSTOP (TYP)
6. VAN ACCESSIBLE HANDICAP SIGN AS PER ADA STANDARDS
7. MAILBOX KIOSK
8. JACK & BORE PIT



WILSON RIDGE ROAD (50' R/W)
SCALE: 1" = 30'

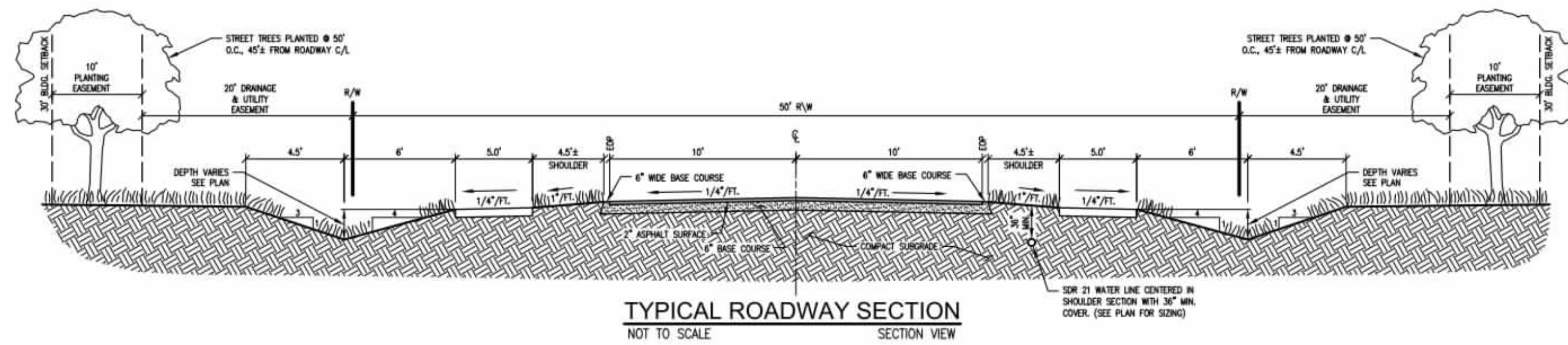


DESIGNED	RWS	DATE	03/04/25
DRAWN	LDJ		
CHECKED	DMW		
APPROVED	CSA		

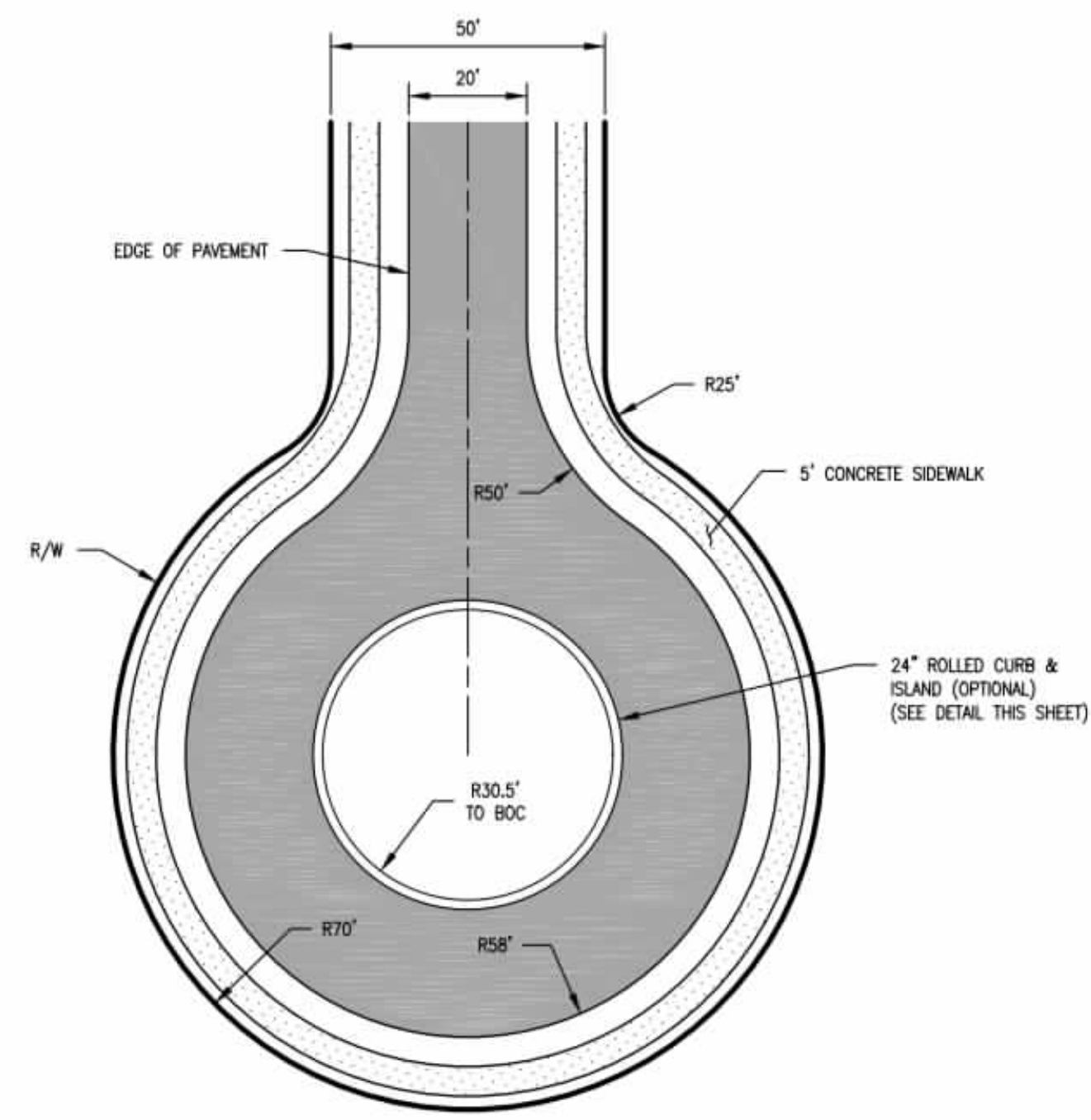
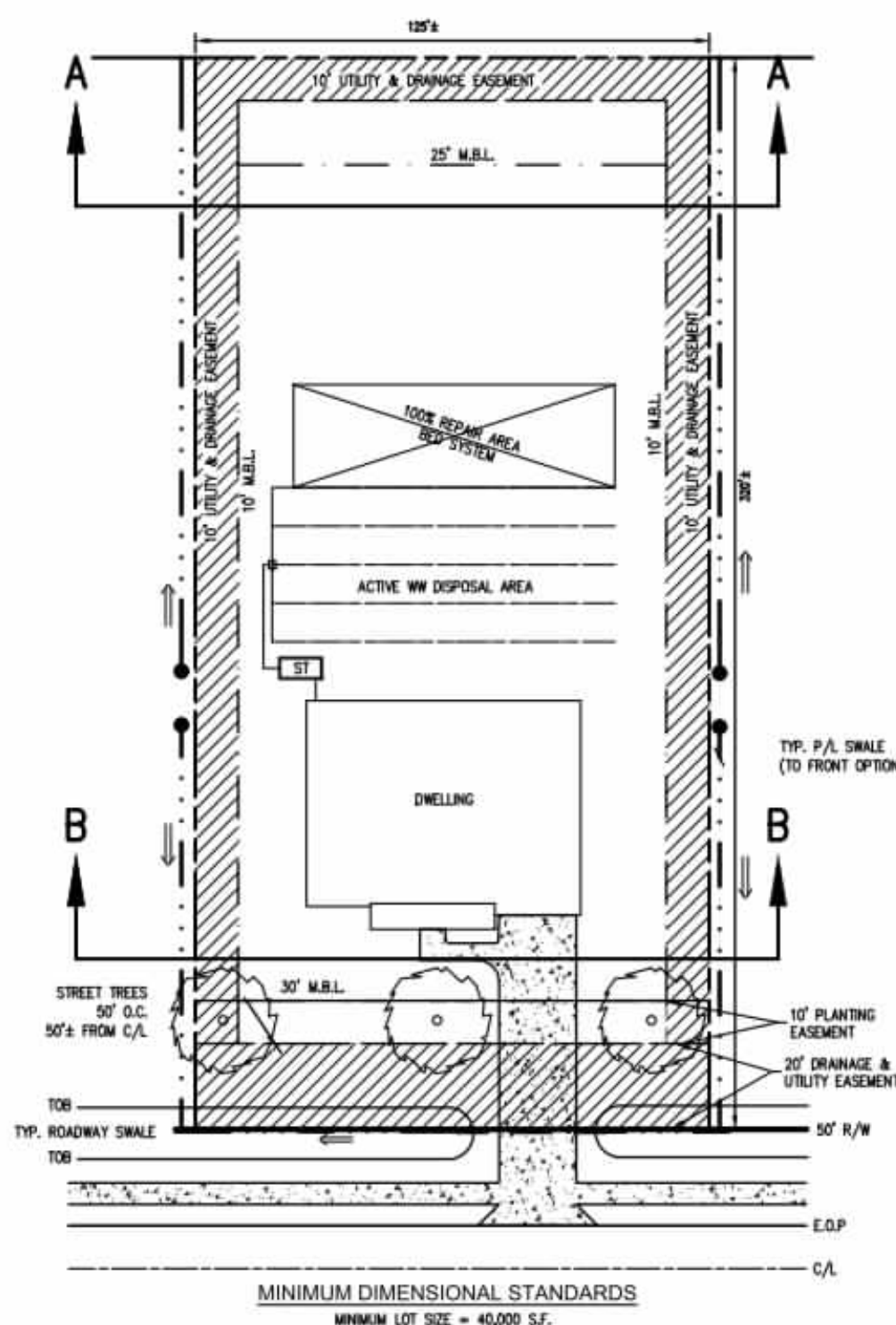
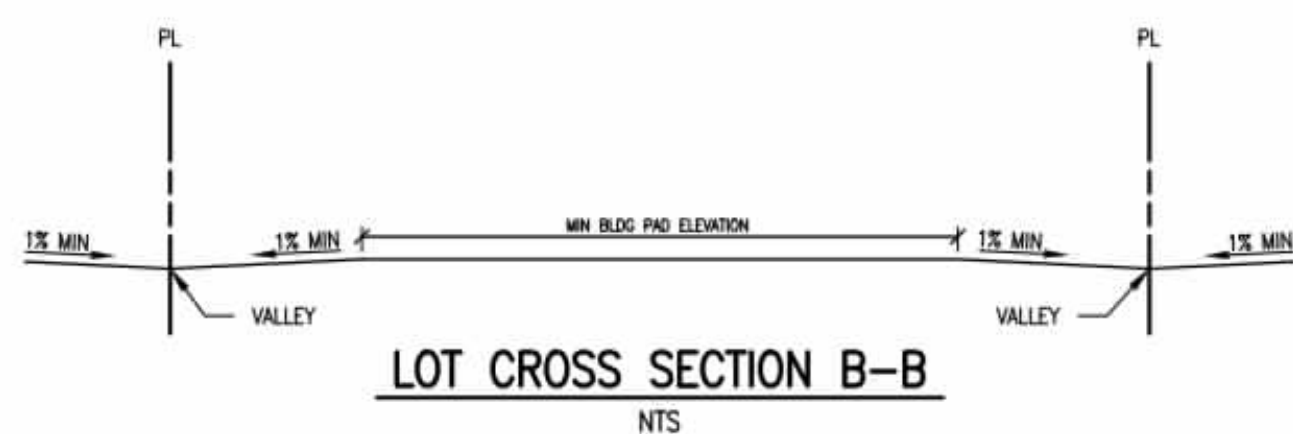
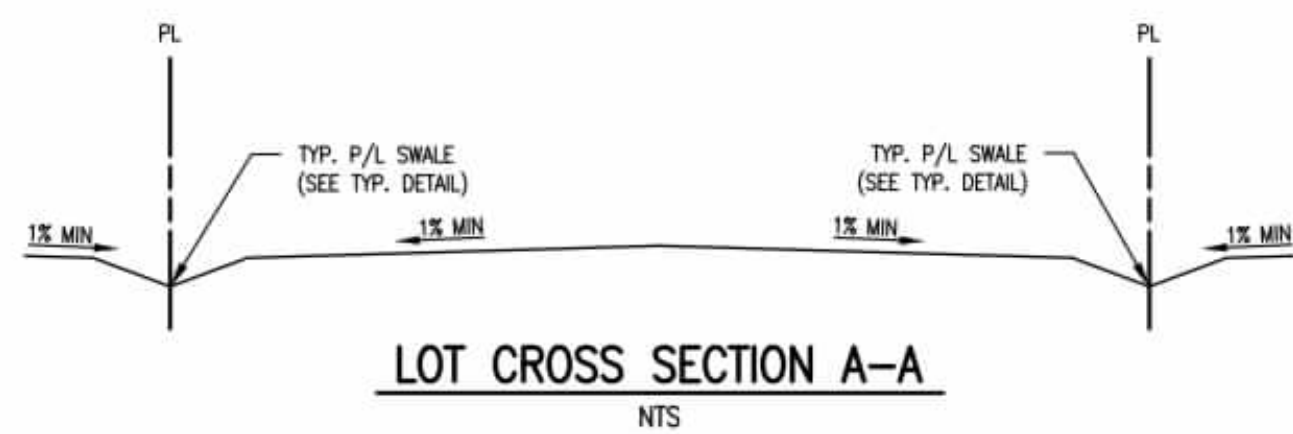
REVISION	DATE	DESCRIPTION

PLAN & PROFILE OF
WILSON RIDGE
CURRITUCK COUNTY NORTH CAROLINA
MOYOCK TOWNSHIP

I:\Projects\24100 Wilson Ridge Subdivision\Engineering\Drawings & Exhibits\DWG\Subdivision Plans.dwg [CP102] - Monday, March 18, 2025, 2:44pm

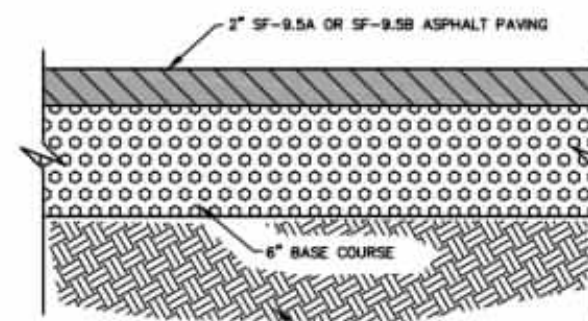


INSTALL ALL UTILITIES WITHIN 5' OF ROW



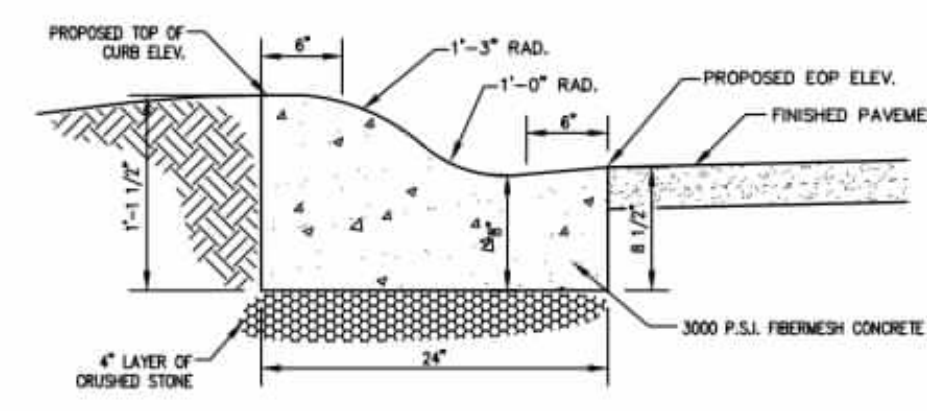
PAVEMENT SECTION AREA W/ ROLLED CURB OPTION
TYPICAL CUL-DE-SAC PLAN
NOT TO SCALE PLAN VIEW
ISLAND SHOWN AS OPTION

SF-9.5A IS NOT AN NCDOT APPROVED MATERIAL, SF9.5B OR OTHER NCDOT APPROVED SURFACE MIX SHALL BE USED



TYPICAL RESIDENTIAL ROADWAY PAVEMENT SECTION

NOTE: PAVING SHALL CONSIST OF FINE GRADING THE SPECIFIED PARKING & DRIVE AREAS AND INSTALLING 2\"/>



24\"/>



ENGINEERS | SCIENTISTS | SURVEYORS
5032 ROUSE DRIVE, SUITE 200 | VIRGINIA BEACH, VA 23462 | 757.490.9264 | MSAONLINE.COM



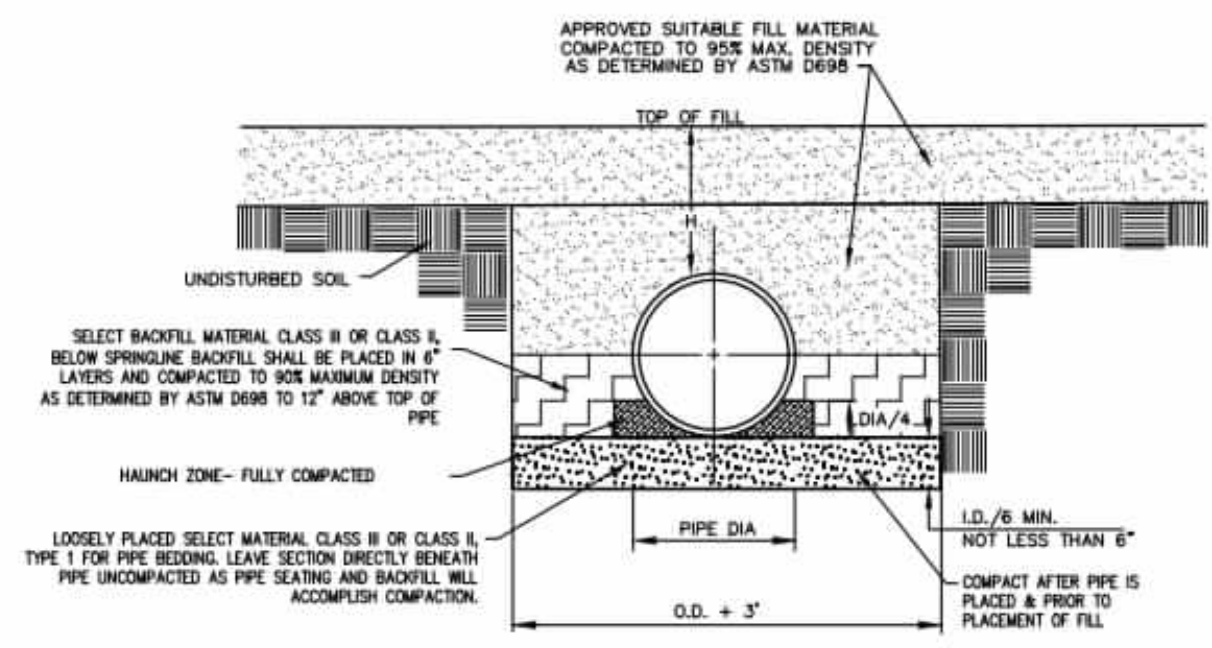
DESIGNED	RWS
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CHECKED	DMW
APPROVED	CSA
DATE	03/04/25

NO.	DATE	DESCRIPTION

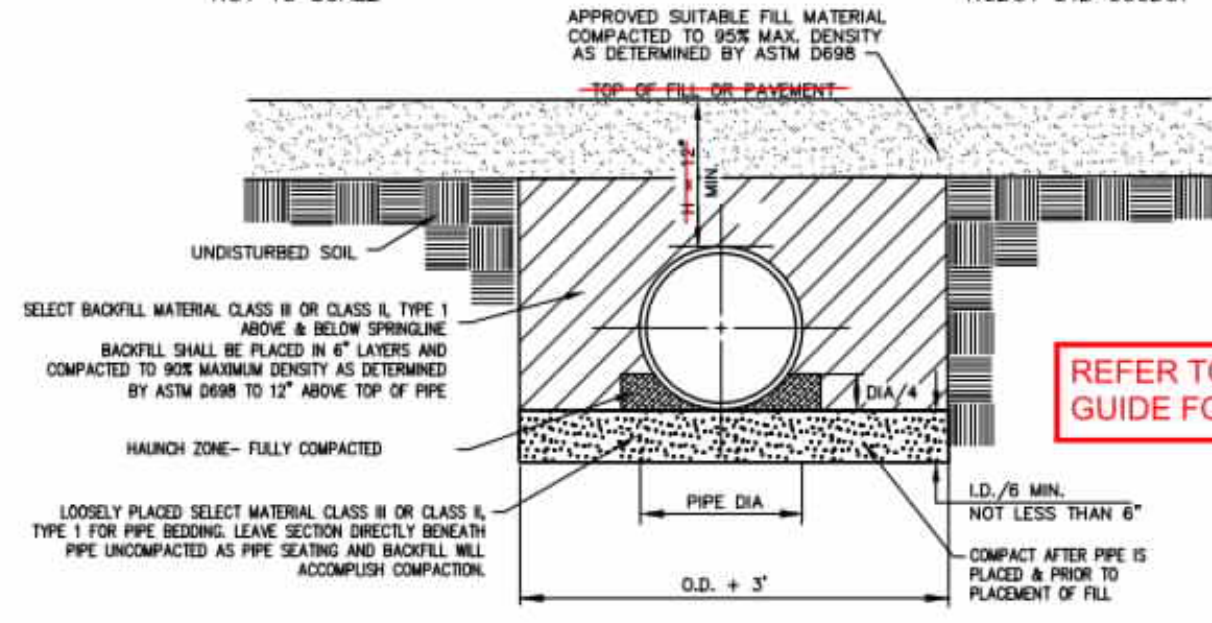
DETAILS OF
WILSON RIDGE
CURRITUCK COUNTY NORTH CAROLINA

MOYOCK TOWNSHIP

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STANDARD RIGID PIPE INSTALLATION DETAIL
NOT TO SCALE NCDOT STD 300001

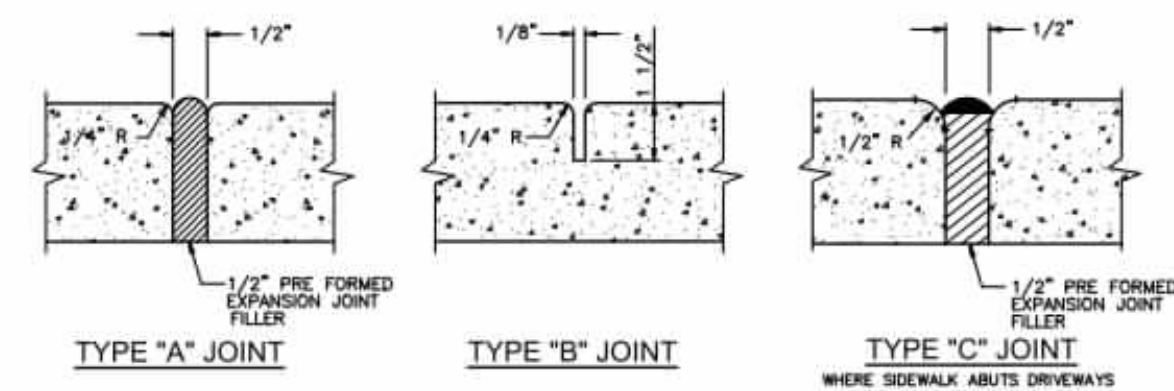


STANDARD FLEXIBLE PIPE INSTALLATION DETAIL
NOT TO SCALE NCDOT STD 300001

GENERAL PIPE INSTALLATION NOTES:

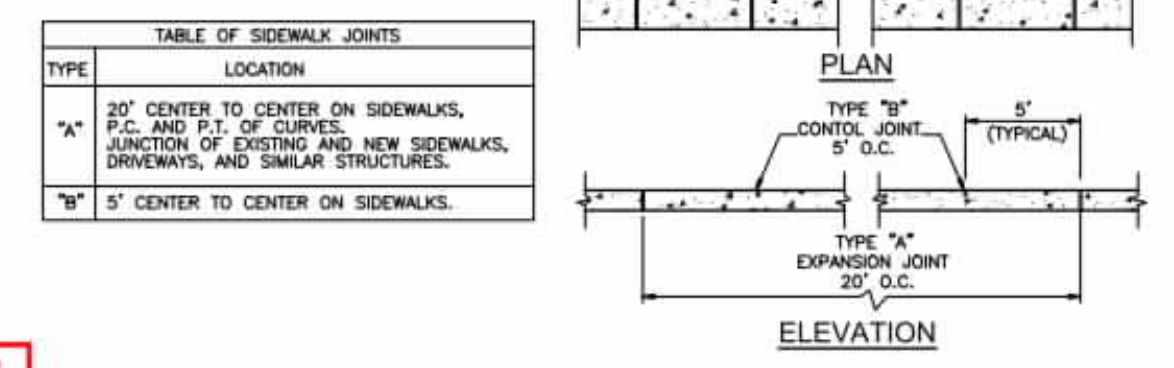
- ALL EXCAVATIONS SHALL COMPLY WITH THE TERMS AND CONDITIONS OF THE CONSTRUCTION STANDARDS FOR EXCAVATIONS IN OSHA "SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION" CHAPTER XVIII OF TITLE 29 CFR PART 1926. THE CONTRACTOR SHALL HAVE A COMPETENT PERSON ON THE JOB AT ALL TIMES AND SHALL EMPLOY A PROFESSIONAL ENGINEER TO ACT UPON ALL PERTINENT MATTERS OF THE WORK.
- DO NOT OPERATE HEAVY EQUIPMENT OVER ANY PIPE CULVERT UNTIL THE PIPE CULVERT HAS BEEN PROPERLY BACKFILLED AND COVERED WITH AT LEAST 3 FEET OF APPROVED MATERIAL.
- THE PIPE CULVERT INSTALLATION SHALL BE INSTALLED IN ACCORDANCE WITH NCDOT TYPICAL STANDARD DETAIL 300001.

D.O. = THE MAXIMUM HORIZONTAL INSIDE DIAMETER DIMENSION.
H = THE FILL HEIGHT MEASURED VERTICALLY AT ANY POINT ALONG THE PIPE FROM THE TOP OF THE PIPE TO THE TOP OF THE EMBANKMENT OR THE BOTTOM OF THE PAVEMENT STRUCTURE AT THAT POINT.

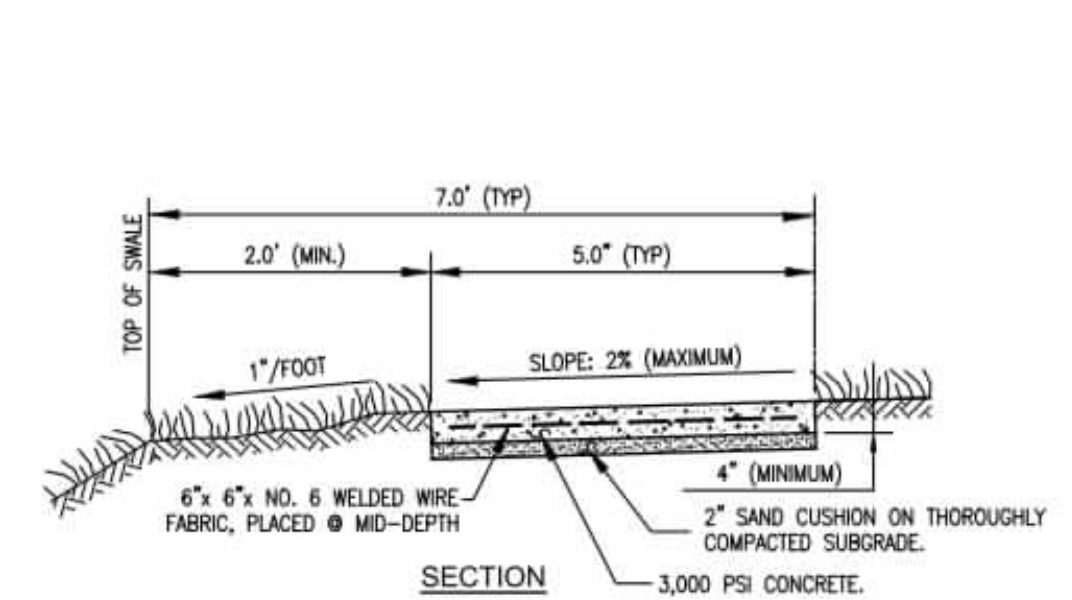


SIDEWALK AND WALKWAY TRAIL NOTES:

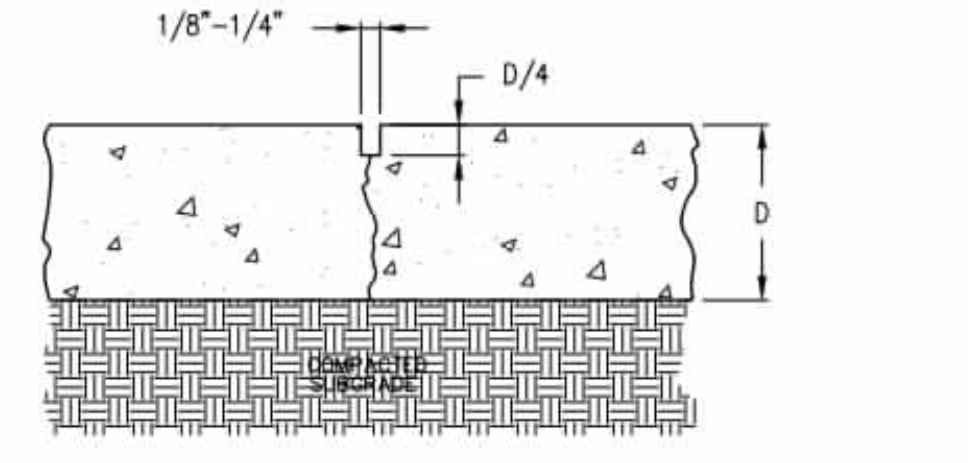
- WALKS SHALL HAVE A 4 INCH MINIMUM THICKNESS.
- CONCRETE SHALL BE A MINIMUM OF 3,000 PSI.
- WALKS SHALL HAVE A 5 FOOT MINIMUM WIDTH.
- CROSS SLOPE SHALL BE LIMITED TO A MAXIMUM OF 2%.
- LONGITUDINAL SLOPE SHALL BE LIMITED TO A MAXIMUM OF 1:20 (5%) EXCEPT WHERE ACCESSIBILITY RAMPS ARE PROVIDED AS NOTED.
- ALL SIDEWALKS AND TRAILS SHALL BE COMPLIANT WITH THE LATEST HANDICAP ACCESSIBILITY REQUIREMENTS.



TYPE	LOCATION
"A"	20' CENTER TO CENTER ON SIDEWALKS, P.I.S. AND P.I.T. OF CURVES, JUNCTION OF EXISTING AND NEW SIDEWALKS, DRIVEWAYS, AND SIMILAR STRUCTURES.
"B"	5' CENTER TO CENTER ON SIDEWALKS.



TYP. CONCRETE SIDEWALK DETAIL
NOT TO SCALE



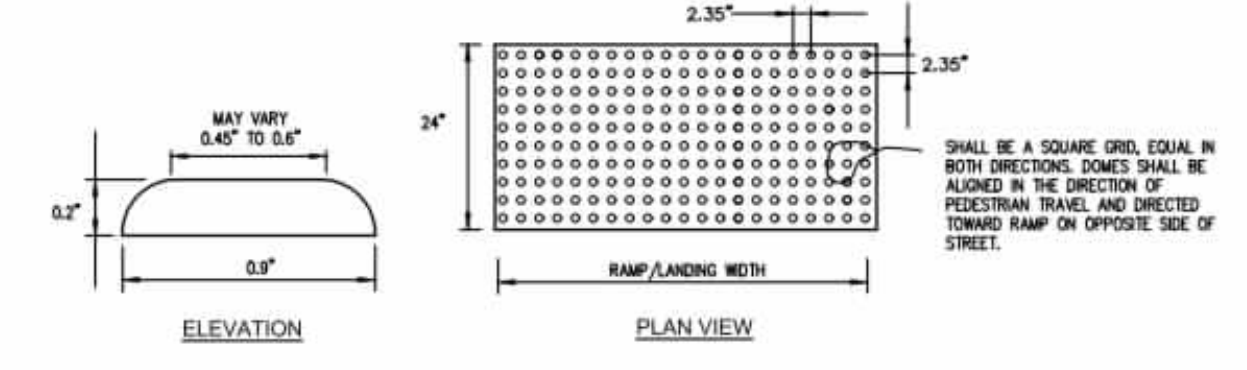
CONVENTIONAL CONCRETE CONTROL JOINT DETAIL
NOT TO SCALE

NOTES:

- MINIMUM PAVEMENT THICKNESS (D) = 6" W/6x6-W2.9 x W2.9 WWF REINFORCEMENT, PLACE 2" BELOW TOP OF SLAB.
- UNDEWELED TRANSVERSE CONTRACTION OR LONGITUDINAL JOINT, SAWED OR PRE-MOLDED. DO NOT DOWEL PAVEMENTS LESS THAN 7" THICK.

CONVENTIONAL CONCRETE SPECIFICATIONS:

- USE ACI CERTIFIED FLATWORK FINISHER.
- USE ACI 330R-01 GUIDE FOR DESIGN AND CONSTRUCTION OF CONCRETE PARKING LOTS.
- USE ACI 330.1-94 STANDARD SPECIFICATION FOR PLAIN CONCRETE PARKING LOTS.
- ALL CONCRETE USED IN PARKING LOT, UNLESS OTHERWISE INDICATED, SHALL HAVE A COMPRESSIVE STRENGTH OF 3,500 PSI AT 28 DAYS.
- IF SUBGRADE SOILS ARE FOUND BY THE CONTRACTOR TO BE UNSUITABLE, TESTING AND PREPARATION RECOMMENDATIONS BY A GEOTECHNICAL ENGINEER MUST BE PROVIDED PRIOR TO CONCRETE PLACEMENT.
- IMPORTED SOIL USE FOR BACK FILL SHOULD BE FREE OF HEAVY CLAY, SILTS, STONES, PLANT ROOT OR OTHER FOREIGN MATERIAL GREATER THAN 1" IN DIAMETER IN ORDER TO ACHIEVE ADEQUATE COMPACTION AROUND ANY FIXED OBJECT IN GROUND. ALTERNATE WILL BE TO USE FLOWABLE FILL.
- KEEP ALL JOINTS CONTINUOUS WITH A MAXIMUM JOINT SPACING OF 10 FT.
- CONTROL JOINTS SHALL BE FORMED OR SAWED WITHIN 12 HOURS FROM TIME OF PLACEMENT:
 - SIDEWALK-SPACING SHALL BE SAME AS WIDTH OF PAVEMENT AND LESS THAN 5 FEET IN LENGTH.
 - PAVEMENT-MAXIMUM SPACING SHALL BE 2.5 TIMES THICKNESS IN UNIT OF FEET AND LESS THAN 15 FEET IN LENGTH (E.G. 1x4 INCH SPACING AT 10'x10').
- CURE CONCRETE IMMEDIATELY AFTER FINISHING OPERATION IS COMPLETED BY USING ONE OF THE FOLLOWING METHODS: WATER, PIGMENTED WATER-BASED CURING COMPOUND OR VISQUEEN AND BURLAP.

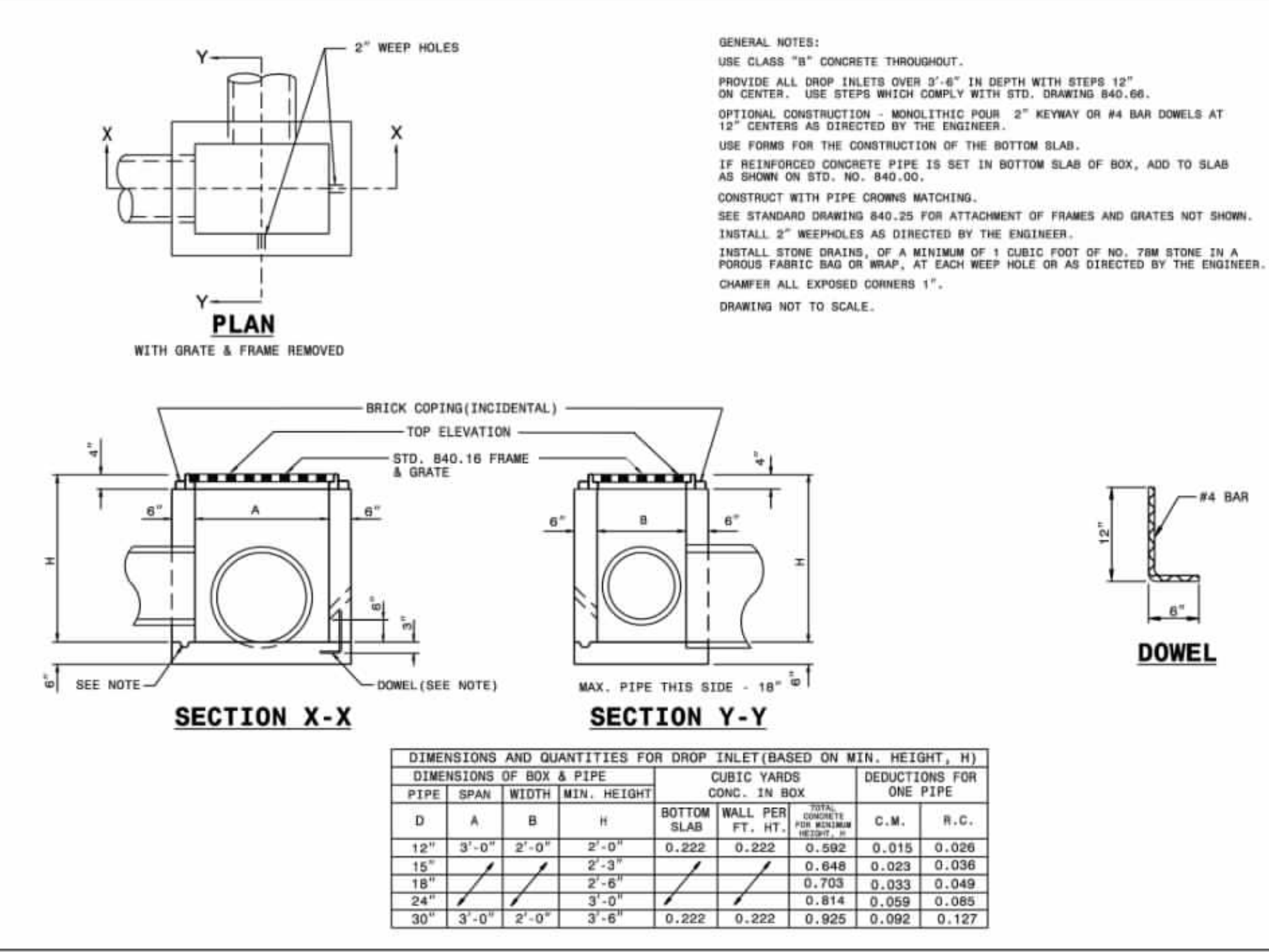


TRUNCATED DOME DETECTABLE WARNING DETAIL
NOT TO SCALE

DETECTABLE WARNING GENERAL NOTES:

- DETECTABLE WARNING SHALL CONSIST OF RAISED TRUNCATED DOMES MANUFACTURED BY "SAFETY-TRAX" INDUSTRIES, INC., CALLED "SAFETY-TRAX", WITH POLYURETHANE COATING "DURABAK", OR APPROVED EQUAL APPLIED ON SMOOTH (NON-GROOVED) CLEAN CONCRETE RAMP, AND SHALL CONFORM TO THE DETAILS IN THE PLANS AND IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND INSTALLATION INSTRUCTIONS.
- ALL DETECTABLE WARNING AREAS SHALL START AT BACK OF CURB, BE 24 INCHES IN DEPTH AND COVER THE COMPLETE WIDTH OF THE RAMP AREA 48 INCHES MIN.
- 70% VISUAL CONTRAST IS REQUIRED. THE COLOR SHALL BE AN INTEGRAL PART OF THE DETECTABLE WARNING MATERIAL, AS SPECIFIED ON THE PLANS. COLOR TO BE DETERMINED BY THE CITY STAFF. SAFETY YELLOW IS THE DEFAULT COLOR.
- THE SMOOTH AND CLEAN CONCRETE UNDER DETECTABLE WARNING DEVICE AREA SHALL BE INCLUDED IN THE COST OF THE CONCRETE CURB RAMP. THE COST OF FURNISHING AND INSTALLING THE DETECTABLE WARNING DEVICE SHALL BE INCLUDED SEPARATELY AS "DETECTABLE WARNING DEVICE" PER SQUARE FOOT OR AS OUTLINED IN THE SPECIFICATIONS.
- DETECTABLE WARNING SURFACE: APPLIED A COATING OF "DURABAK" SLIP-RESISTANT POLYURETHANE COATING TO THE SMOOTH, CLEAN CONCRETE SURFACE. ON TOP OF THE POLYURETHANE COATING APPLY TRUNCATED DOMES FROM A "SAFETY-TRAX" CONTACT SHEET. ON TOP OF THE TRUNCATED DOMES AND INITIAL POLYURETHANE COATING PLACE THREE ADDITIONAL COATS OF "DURABAK" POLYURETHANE COATING. COLOR TO BE DETERMINED BY CITY STAFF OR AS SPECIFIED ON THE PLANS. SAFETY YELLOW IS A DEFAULT COLOR.
- ALL RAMPS AND DETECTABLE WARNING SHALL BE ALIGNED IN THE DIRECTION OF PEDESTRIAN TRAVEL AND DIRECTED TOWARD RAMP ON THE OPPOSITE SIDE OF STREET.

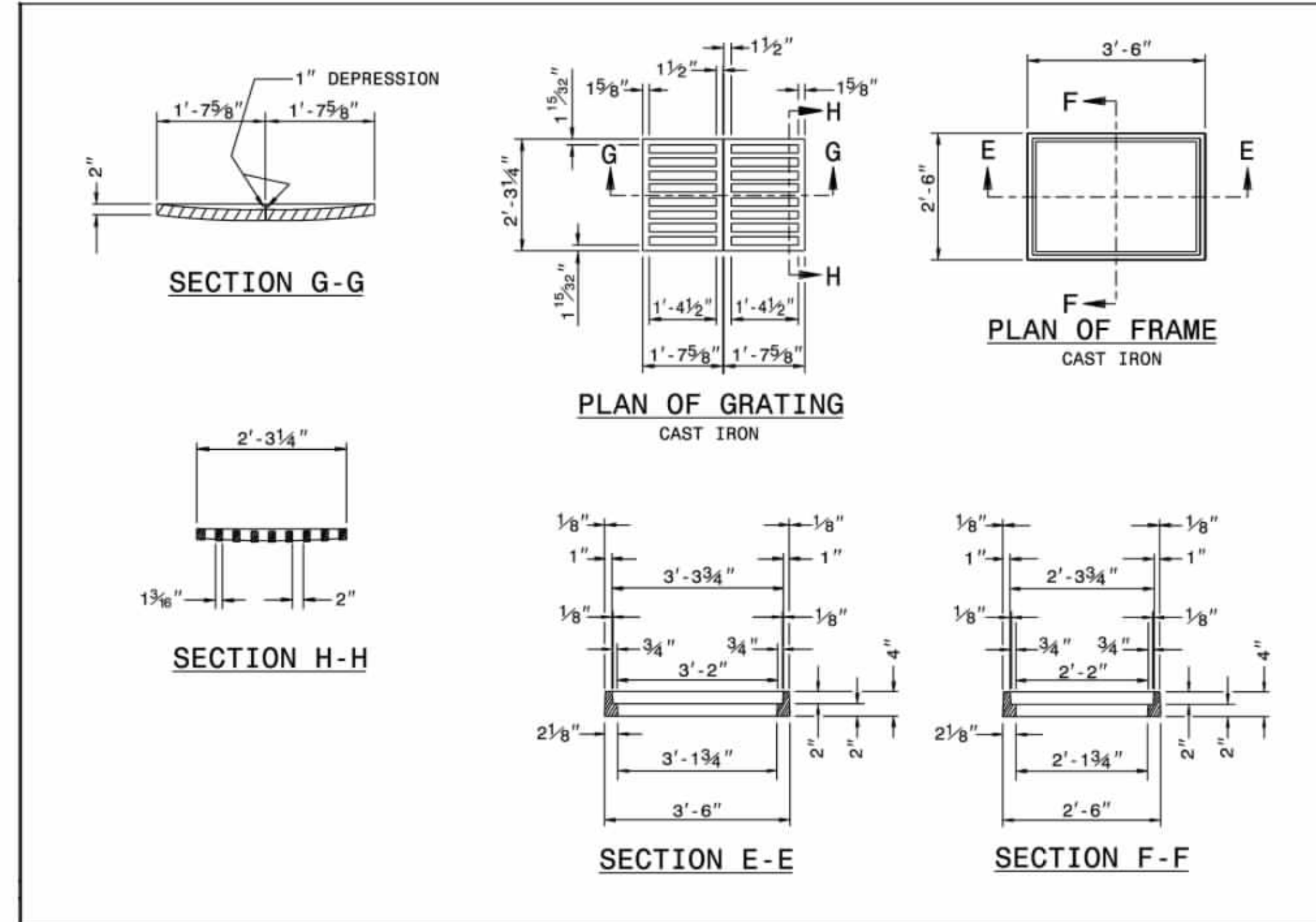
REFER TO CURRENT NCDOT ROADWAY STANDARD DRAWINGS



STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION RALEIGH, N.C.

ROADWAY STANDARD DRAWING FOR CONCRETE DROP INLET 12" THRU 30" PIPE

SHEET 1 OF 1
840.14



STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION RALEIGH, N.C.

ROADWAY STANDARD DRAWING FOR DROP INLET FRAME AND GRATES FOR USE WITH STD. DWG. S 840.14 AND 840.15

SHEET 1 OF 1
840.16



RWS	LDJ	DMW	CSA	DATE
DESIGNED	DRAWN	CHECKED	APPROVED	03/04/25

NO.	DATE	DESCRIPTION

DETAILS OF WILSON RIDGE

CURRITUCK COUNTY NORTH CAROLINA

MOYOCK TOWNSHIP

SHEET **C-502**
10 of 14 Sheets

SCALE: AS SHOWN

PROJ. NO.: 24100

GENERAL PROJECT NOTES:

- 1. PROJECT NAME: WILSON RIDGE
2. APPLICANT: CURRITUCK HOMES
3. PROJECT DESCRIPTION: 13 LOT RESIDENTIAL SUBDIVISION
4. NEAREST RECEIVING STREAM: MOYOCK RIVER 301-2-2-1
5. STREAM CLASSIFICATION: C, SW - PASQUOTANK RIVER BASIN

Table with 2 columns: Category and Value. Includes TOTAL PROPERTY AREA (119.04 AC) and TOTAL PROPOSED DISTURBED AREA (116.70 AC).

AREA CALCULATION NOTE: All areas have been calculated utilizing properties within the Autocad software.

MATERIAL BALANCE NOTE: All excavated material occurring during the course of construction shall remain on-site for roadway construction and lot grading.

WETLAND NOTE: 404 jurisdictional wetlands have been identified on the property. Estimated impacts: 0.10 AC.

STABILIZATION NOTE: The angle of graded slopes and fills shall be no greater than the angle that can be retained by vegetative cover or other adequate erosion control devices or structures.

SEDIMENTATION AND EROSION CONTROL NOTES:

A. NARRATIVE AND SITE DATA: WILSON RIDGE IS A RESIDENTIAL SUBDIVISION DEVELOPMENT SITED FOR CONSTRUCTION ON A 19.04 ACRE TRACT OF LAND LOCATED DUE SOUTH FROM THE INTERSECTION OF PANTHER LANDING ROAD & TULLS CREEK ROAD IN THE MOYOCK TOWNSHIP OF CURRITUCK COUNTY.

THE SITE'S EXISTING TOPOGRAPHY IS GENERALLY FLAT, WITH SLOPES RANGING BETWEEN 0-2% AND ELEVATIONS RANGING BETWEEN 2-7 FT MSL IN THE AREA OF CONSTRUCTION.

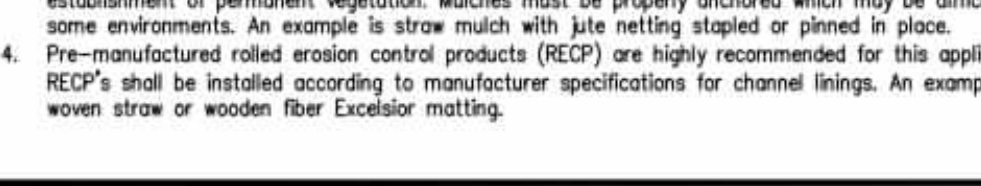
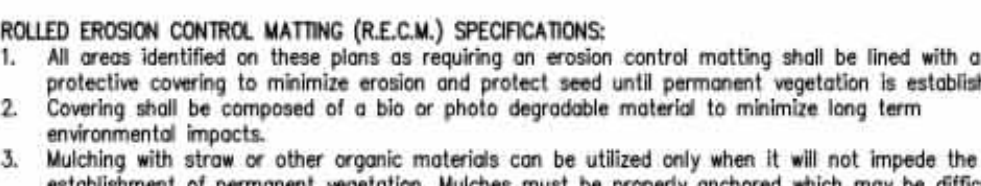
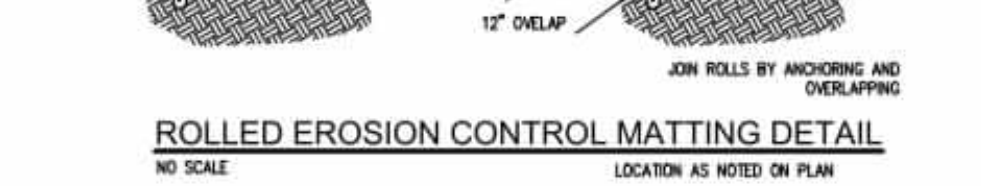
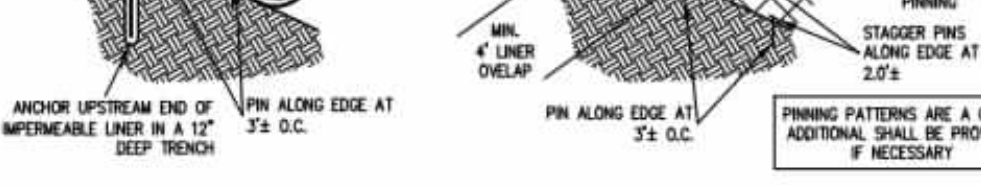
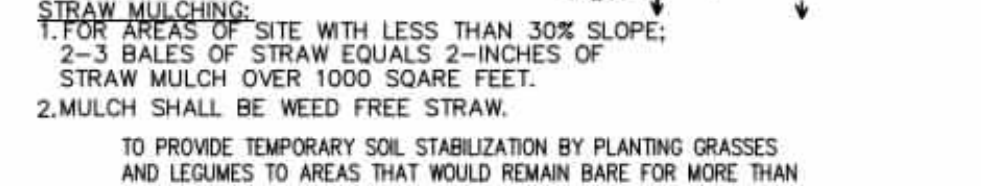
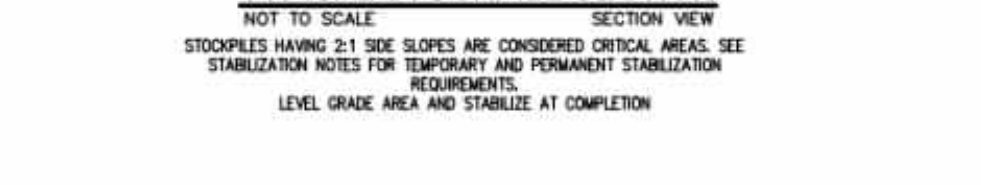
A SYSTEM OF TYPICAL FARM DITCHES DRAIN THE SITE TO AN EXISTING DRAINAGE CANALS RUNNING ALONG THE SOUTHERN AND SOUTHERN PROPERTY BOUNDARY.

PURSUANT TO THE USDA SOIL SURVEY MANUAL OF CURRITUCK COUNTY, SITE SOILS ARE COMPOSED OF PRIMARILY ROANOKE FINE SANDY LOAM, ROANOKE SERIES SOILS ARE DESCRIBED AS BEING POORLY DRAINED WITH SLOW PERMEABILITY RATES RANGING LESS THAN 0.20 IN/HR.

STRAW MULCHING: 1. FOR AREAS WITH LESS THAN 30% SLOPE, 2-3 BALES OF STRAW EQUALS 2-INCHES OF STRAW MULCH OVER 1000 SQUARE FEET.

TO PROVIDE TEMPORARY SOIL STABILIZATION BY PLANTING GRASSES AND LEGUMES TO AREAS THAT WOULD REMAIN BARE FOR MORE THAN 14 CALENDAR DAYS, OR 7 DAYS IN IDENTIFIED CRITICAL AREAS, WHERE PERMANENT COVER IS NOT NECESSARY OR APPROPRIATE.

LAND DISTURBANCE & STABILIZATION DETAIL



CONSTRUCTION SEQUENCE SCHEDULE

CONSTRUCTION ACTIVITY

Construction Access- Construction entrance, construction roads, equipment parking areas

Sediment Traps & Barriers: Basin traps, sediment fences, & outlet protection

Runoff Control- Diversion, perimeter dikes, water bars, and outlet protection

Runoff Conveyance System- Stabilize stream banks, storm drains, channels, inlet & outlet protection, slope drains

Land Clearing & Grading- Site preparation- cutting, filling & grading, sediment traps, barriers, diversions, drains, surface roughening

Surface Stabilization- Temporary & permanent seeding, mulching, sodding, rip rap.

Building Construction- Buildings, utilities, paving.

Landscape & Final Stabilization- Topsoiling, trees & shrubs, permanent seeding, mulching, sodding, rip rap.

SCHEDULE CONSIDERATION

First land-disturbing activity- Stabilize bare areas immediately with gravel & temporary vegetation as construction takes place.

Install principal basins after construction site is accessed. Install additional traps and barriers as needed during grading.

Install key practices after principal sediments traps and before final grading. Install additional runoff-control conveyance measures during grading.

Where necessary, stabilize stream banks as early as possible. Install principal runoff conveyance system with runoff-control measures. Install remainder of system after grading.

Begin major clearing and grading after principal & key runoff-control measures are installed. Clear borrow & disposal areas as needed. Install additional control measures as grading progresses. Mark trees & buffer areas for preservation.

Apply temporary or permanent stabilization measures immediately on all disturbed areas where work is delayed or complete.

Install necessary erosion & sedimentation control practices as work takes place.

Stabilize all open areas, including borrow & spoil areas. Remove & stabilize all temporary control measures.

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LAND GRADING CONSTRUCTION SPECIFICATIONS

1. Construct & maintain all erosion & sedimentation control practices & measures in accordance with the approved sedimentation control plan and construction schedule.

2. Remove good topsoil from areas to be graded and filled, and preserve it for use in finishing the grading of all critical areas.

3. Scarify areas to be topsoiled to a minimum depth of 2 inches before placing topsoil.

4. Clear & grub areas to be filled to remove trees, vegetation, roots, or other objectionable material that would affect the planned stability of fill.

5. Ensure that fill material is free of brush, rubbish, rocks, logs, stumps, building debris, and other materials inappropriate for constructing stable fills.

6. Place all fill in layers not to exceed 9 inches in thickness, and compact the layers as required to reduce erosion, slippage, settlement, or other related problems.

7. Do not incorporate frozen material or soft, mucky, or highly compressible materials into fill slopes.

8. Do not place fill on a frozen foundation, due to possible subsidence and slippage.

9. Keep diversions and other water conveyance measures free of sediment during all phases of development.

10. Handle seeps or springs encountered during construction in accordance with approved methods.

11. Following completion of any phase of grading, provide a groundcover (temporary or permanent) on all exposed slopes within 14 calendar days, or 7 calendar days in critical areas identified on the plan; and, a permanent groundcover for all disturbed areas within 15 working days or 90 calendar days (whichever is shorter) following completion of construction or development.

12. Provide adequate protection from erosion for all topsoil stockpiles, borrow areas, and spoil areas.

MAINTENANCE: Periodically check all graded areas & the supporting erosion & sedimentation control practices, especially after heavy rainfalls. Promptly remove all sediment from diversions and other water-disposal practices. If washouts or breaks occur, repair them immediately. Prompt maintenance of small-eroded areas before they become significant gullies is an essential part of an effective erosion & sedimentation control plan.

PERMANENT SEEDING: The purpose of permanent seeding is to reduce erosion and decrease sediment yield from disturbed areas, and to permanently stabilize such areas in a manner that is economical, adapts to site conditions, and allows selection of the most appropriate plant materials. These areas must be seeded or planted within 15 working days or 90 calendar days after final grade is reached, unless temporary stabilization is applied.

PERMANENT SEEDING SPECIFICATIONS: Seeding Recommendations for Summer: Seeding Dates - April to July. Seeding Mixture: Species: Rate (lb/acre): Common bermudagrass 10/1,000 at (spring) 1-2 lb/1,000 of (seed) 500 (See Sodding Note).

Seeding Recommendations for Early Fall through Early Spring: Seeding Dates - August to March (Early fall and spring recommended). Species: Rate (lb/acre): Kentucky 31 Tall Fescue 6 lb/1,000 ft (broadcast seed).

SEEDING NOTES: 1. Sprig or sod. Moisture is essential during initial establishment. Sod must be kept watered for 2-3 weeks, but can be planted earlier or later than sprigs.

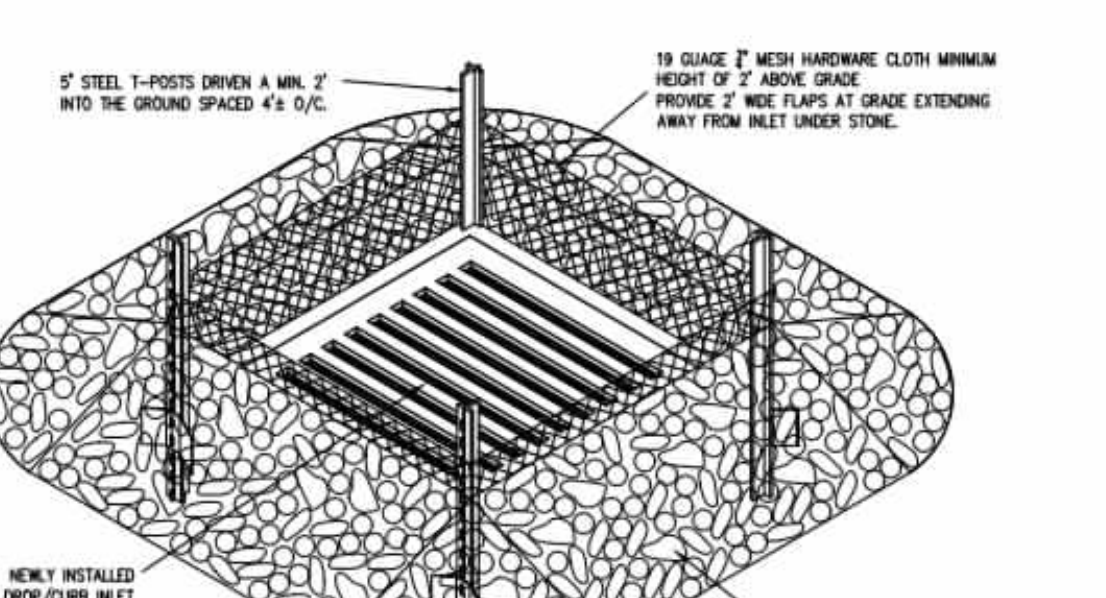
Soil Amendments: It is highly recommended that soils be tested and amended as found necessary. If a soil is not tested follow these recommendations: Apply 3,000 lb/acre of ground agricultural limestone and 500 lb/acre of 10-10-10 starter fertilizer, or 50 lb/acre nitrogen from turf-type slow-release fertilizer. Add 25-50 lb/acre nitrogen at 2-3 week intervals through midsummer.

Sprigging: Plant sprigs in furrows with a tractor-drawn transplanter, or broadcast by hand. (Not recommended for Tall Fescue). Furrows should be 4-6 inches deep and 2 feet apart. Place sprigs about 2 ft. apart in a row with one end at or above ground level.

Broadcast of rates shown above, and press strips to the top 1/2-2 inches of soil with a disk set straight so that sprigs are not brought back toward the surface.

Mulch: Do not mulch Bermuda Grass. For Tall Fescue seed, apply 4,000-lb/acre straw. Anchor straw by tacking with asphalt, netting, or a mulch-anchoring tool. A disk with blades set nearly straight can be used as a mulch-anchoring tool.

Maintenance: Water as needed. Mow bermuda to 3/4 to 1-inch height and tall fescue to 2.5 - 3.5 inch height. Topdress bermuda with 40 lb/acre nitrogen in April, 50 lb in May, 50 lb in June, 50 lb in July, and 25 lb in August. Top dress tall fescue in mid September, again in November and February with turf-grade 3-1-2 or 4-1-2 ratio turf-grade fertilizer. Fertilize with 1 lb of actual nitrogen per 1,000 sf. Do not fertilize tall fescue between Mid March and Early September.



DROP/CURB INLET PROTECTION

NOT TO SCALE. ISOMETRIC VIEW.

INLET PROTECTION SPECIFICATIONS: MINIMUM 6" x 6" OR BETTER. GEOTEXTILE CLASS 2 OR BETTER. MINIMUM 5" OF 2"-3" AGGREGATE OVER LENGTH AND WIDTH OF STRUCTURE.

CONSTRUCTION ENTRANCE SPECIFICATIONS: 1. Length - minimum of 50' (*30' for single residence lot).

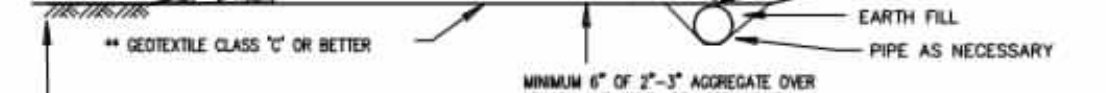
2. Width - 12" minimum, should be flared at the existing road to provide a turning radius.

3. Geotextile fabric (filler cloth) shall be placed over the existing ground prior to placing stone. **The plan approval authority may not require single family residences to use geotextile.

4. Stone - crushed aggregate (2" to 3") or reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance.

5. Surface Water - all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a mountable berm with 5:1 slopes and a minimum of 6" of stone over the pipe. Pipe has to be sized according to the drainage. When the SCE is located at a high spot and has no drainage to convey a pipe will not be necessary. Pipe shall be sized according to the amount of runoff to be conveyed. A 6" minimum will be required.

6. Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.



TYPICAL SKIMMER DETAIL

NOT TO SCALE. LOCATION AS NOTED ON PLAN.

SKIMMER TABLE: SKIMMER A: PVC ARM AND ENCLOSURE DIA. 6 INCHES, ORIFICE PLATE DIA. 1.7 INCHES, PVC ADAPTER 6 INCH X OCS-1.

SKIMMER B: PVC ARM AND ENCLOSURE DIA. 8 INCHES, ORIFICE PLATE DIA. 5.2 INCHES, PVC ADAPTER 8 INCH X OCS-2.

CONSTRUCTION ENTRANCE SPECIFICATIONS: 1. Length - minimum of 50' (*30' for single residence lot).

2. Width - 12" minimum, should be flared at the existing road to provide a turning radius.

3. Geotextile fabric (filler cloth) shall be placed over the existing ground prior to placing stone. **The plan approval authority may not require single family residences to use geotextile.

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6. Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

E&S/DEMO NOTES: 1. ANY AND ALL MATERIAL OR DEBRIS TRACKED ONTO A PUBLIC OR PRIVATE ROAD SURFACE WILL BE CLEANED THOROUGHLY AT THE END OF EACH DAY. SEDIMENT SHALL BE REMOVED FROM ROADS BY SHOVELING OR SWEEPING AND BE TRANSPORTED TO A SEDIMENT CONTROLLED DISPOSAL AREA.

2. ALL EXCAVATED MATERIAL SHALL BE DISPOSED OF IN A LAWFUL MANNER.

3. DEMOLITION AND CONSTRUCTION ACTIVITIES ARE NOT TO DISTURB NOR ENCRUMPH UPON ADJACENT PROPERTIES AT ANY TIME DURING CONSTRUCTION.

4. ALL ITEMS OF WORK NECESSARY TO COMPLETE THIS PROJECT SHALL BE IN COMPLIANCE WITH ALL STATE AND LOCAL CODES.

5. ANY PAVEMENT REMOVAL REQUIRED SHALL BE REMOVED TO NEAT STRAIGHT LINES.

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING WITH MATCHING MATERIALS, ANY PAVEMENT, CONCRETE, CURBS, ETC. THAT MUST BE CUT OR THAT ARE DAMAGED DURING CONSTRUCTION.

7. WHEN UNSUITABLE MATERIAL FOR FOUNDATION, SUBGRADE, OR OTHER PURPOSES OCCURS WITHIN THE LIMITS OF CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE SUCH MATERIAL AND BACKFILL WITH APPROVED SUITABLE MATERIAL. THE EXTENT OF UNDERCUTTING AND BACKFILLING TO BE DETERMINED BY THE OWNER'S SOILS ENGINEERING CONSULTANT.

8. ANY TREE ROOT REMOVAL MUST IMMEDIATELY BE FOLLOWED BY BACKFILLING, STABILIZATION, AND SEEDING.

9. THE CONTRACTOR SHALL INSTALL "TRUCKS ENTERING HIGHWAY" (48"X48" ORANGE AND BLACK) WARNING SIGNS ON 6"X6" WOODEN GROUND MOUNTED POSTS. THESE SIGNS WILL BE INSTALLED 500 FEET IN ADVANCE OF ALL APPROVED CONSTRUCTION ACCESS/ENTRANCE POINTS.

10. DURING CONSTRUCTION THE CONTRACTOR SHALL PROVIDE ADEQUATE CONVEYANCE OF RUNOFF TO ENSURE PONING DOES NOT OCCUR AND SEDIMENT LADEN WATER DOES NOT LEAVE THE SITE.

11. THE INTERCONNECTED STORMWATER PIPE SYSTEM MUST BE CLEANED OF SEDIMENT AFTER ALL UPSTREAM DISTURBANCE HAS TAKEN PLACE, AND IS PERMANENTLY STABILIZED OR AT THE CIVIL INSPECTOR'S DISCRETION.

12. ALL TEMPORARY SWALES SHALL BE VEE-SHAPED AND HAVE A MAX 3:1 SIDE SLOPE. STABILIZE IMMEDIATELY FOLLOWING INSTALLATION WITH TEMPORARY OR PERMANENT VEGETATION.

13. DURING CONSTRUCTION, THE POND WILL BE UTILIZED AS AN EROSION & SEDIMENT CONTROL SEDIMENT BASIN. THE OUTLET STRUCTURE WILL ALSO REQUIRE SURFACE SKIMMER DEVICES AS DETAILED. ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS PROPERLY STABILIZED THE PONDS SHALL BE CLEANED AND RESTORED TO ITS DESIGN SPECIFICATIONS AND THE BANKS PERMANENTLY STABILIZED WITHIN 7 DAYS.

PERMANENT SEEDING

The purpose of permanent seeding is to reduce erosion and decrease sediment yield from disturbed areas, and to permanently stabilize such areas in a manner that is economical, adapts to site conditions, and allows selection of the most appropriate plant materials. These areas must be seeded or planted within 15 working days or 90 calendar days after final grade is reached, unless temporary stabilization is applied.

PERMANENT SEEDING SPECIFICATIONS: Seeding Recommendations for Summer: Seeding Dates - April to July. Seeding Mixture: Species: Rate (lb/acre): Common bermudagrass 10/1,000 at (spring) 1-2 lb/1,000 of (seed) 500 (See Sodding Note).

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SEEDING NOTES: 1. Sprig or sod. Moisture is essential during initial establishment. Sod must be kept watered for 2-3 weeks, but can be planted earlier or later than sprigs.

Soil Amendments: It is highly recommended that soils be tested and amended as found necessary. If a soil is not tested follow these recommendations: Apply 3,000 lb/acre of ground agricultural limestone and 500 lb/acre of 10-10-10 starter fertilizer, or 50 lb/acre nitrogen from turf-type slow-release fertilizer. Add 25-50 lb/

GROUND STABILIZATION AND MATERIALS HANDLING PRACTICES FOR COMPLIANCE WITH THE NCG01 CONSTRUCTION GENERAL PERMIT

Implementing the details and specifications on this plan sheet will result in the construction activity being considered compliant with the Ground Stabilization and Materials Handling sections of the NCG01 Construction General Permit (Sections E and F, respectively). The permittee shall comply with the Erosion and Sediment Control plan approved by the delegated authority having jurisdiction. All details and specifications shown on this sheet may not apply depending on site conditions and the delegated authority having jurisdiction.

SECTION E: GROUND STABILIZATION

Required Ground Stabilization Timeframes		
Site Area Description	Stabilize within this many calendar days after ceasing land disturbance	Timeframe variations
(a) Perimeter dikes, swales, ditches, and perimeter slopes	7	None
(b) High Quality Water (HQW) Zones	7	None
(c) Slopes steeper than 3:1	7	If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed
(d) Slopes 3:1 to 4:1	14	-7 days for slopes greater than 50' in length and with slopes steeper than 4:1
		-7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones -10 days for Falls Lake Watershed
(e) Areas with slopes flatter than 4:1	14	-7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones -10 days for Falls Lake Watershed unless there is zero slope

Note: After the permanent cessation of construction activities, any areas with temporary ground stabilization shall be converted to permanent ground stabilization as soon as practicable but in no case longer than 90 calendar days after the last land disturbing activity. Temporary ground stabilization shall be maintained in a manner to render the surface stable against accelerated erosion until permanent ground stabilization is achieved.

GROUND STABILIZATION SPECIFICATION

Stabilize the ground sufficiently so that rain will not dislodge the soil. Use one of the techniques in the table below:

Temporary Stabilization	Permanent Stabilization
<ul style="list-style-type: none"> Temporary grass seed covered with straw or other mulches and tackifiers Hydroseeding Rolled erosion control products with or without temporary grass seed Appropriately applied straw or other mulch Plastic sheeting 	<ul style="list-style-type: none"> Permanent grass seed covered with straw or other mulches and tackifiers Geotextile fabrics such as permanent soil reinforcement matting Hydroseeding Shrubs or other permanent plantings covered with mulch Uniform and evenly distributed ground cover sufficient to restrain erosion Structural methods such as concrete, asphalt or retaining walls Rolled erosion control products with grass seed

POLYACRYLAMIDES (PAMS) AND FLOCCULANTS

- Select flocculants that are appropriate for the soils being exposed during construction, selecting from the NC DWR List of Approved PAMS/Flocculants.
- Apply flocculants at or before the inlets to Erosion and Sediment Control Measures.
- Apply flocculants at the concentrations specified in the NC DWR List of Approved PAMS/Flocculants and in accordance with the manufacturer's instructions.
- Provide ponding area for containment of treated Stormwater before discharging offsite.
- Store flocculants in leak-proof containers that are kept under storm-resistant cover or surrounded by secondary containment structures.

EQUIPMENT AND VEHICLE MAINTENANCE

- Maintain vehicles and equipment to prevent discharge of fluids.
- Provide drip pans under any stored equipment.
- Identify leaks and repair as soon as feasible, or remove leaking equipment from the project.
- Collect all spent fluids, store in separate containers and properly dispose as hazardous waste (recycle when possible).
- Remove leaking vehicles and construction equipment from service until the problem has been corrected.
- Bring used fuels, lubricants, coolants, hydraulic fluids and other petroleum products to a recycling or disposal center that handles these materials.

LITTER, BUILDING MATERIAL AND LAND CLEARING WASTE

- Never bury or burn waste. Place litter and debris in approved waste containers.
- Provide a sufficient number and size of waste containers (e.g dumpster, trash receptacle) on site to contain construction and domestic wastes.
- Locate waste containers at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
- Locate waste containers on areas that do not receive substantial amounts of runoff from upland areas and does not drain directly to a storm drain, stream or wetland.
- Cover waste containers at the end of each workday and before storm events or provide secondary containment. Repair or replace damaged waste containers.
- Anchor all lightweight items in waste containers during times of high winds.
- Empty waste containers as needed to prevent overflow. Clean up immediately if containers overflow.
- Dispose waste off-site at an approved disposal facility.
- On business days, clean up and dispose of waste in designated waste containers.

PAINT AND OTHER LIQUID WASTE

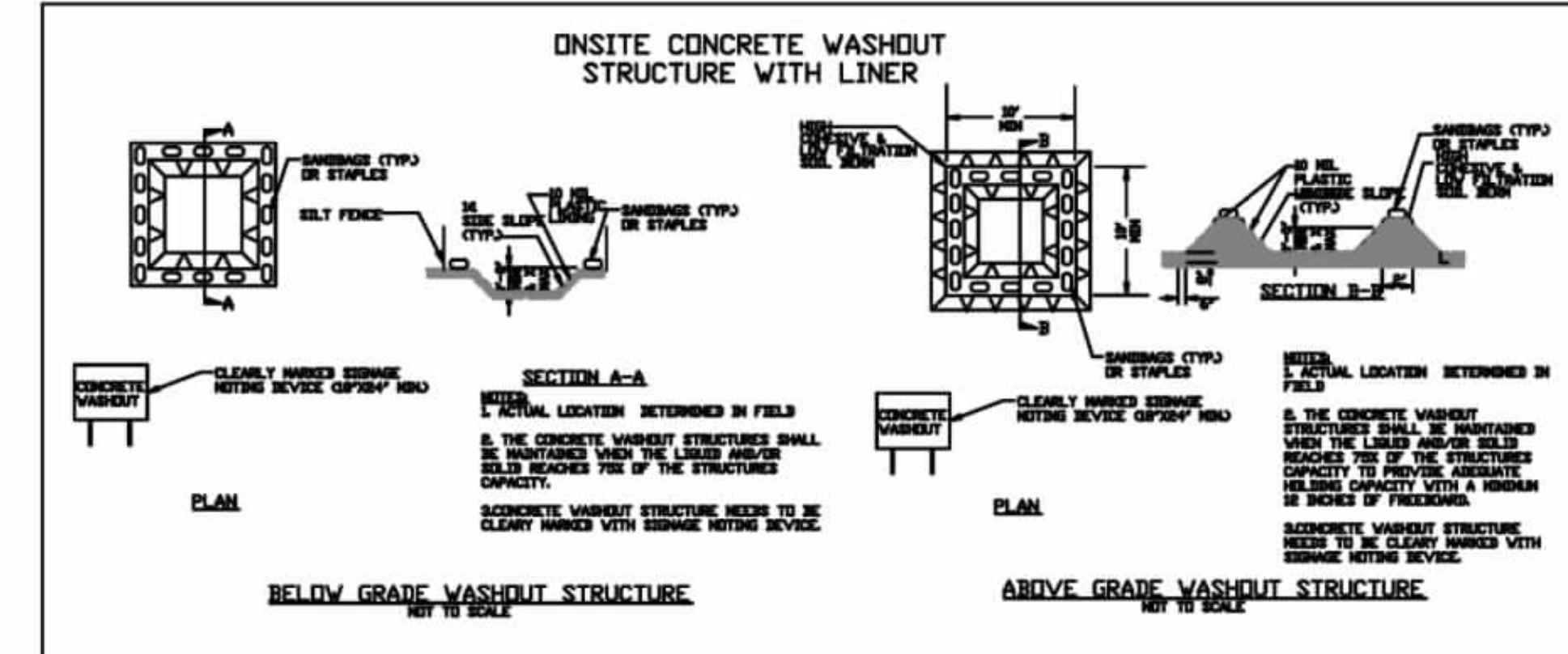
- Do not dump paint and other liquid waste into storm drains, streams or wetlands.
- Locate paint washouts at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
- Contain liquid wastes in a controlled area.
- Containment must be labeled, sized and placed appropriately for the needs of site.
- Prevent the discharge of soaps, solvents, detergents and other liquid wastes from construction sites.

PORTABLE TOILETS

- Install portable toilets on level ground, at least 50 feet away from storm drains, streams or wetlands unless there is no alternative reasonably available. If 50 foot offset is not attainable, provide relocation of portable toilet behind silt fence or place on a gravel pad and surround with sand bags.
- Provide staking or anchoring of portable toilets during periods of high winds or in high foot traffic areas.
- Monitor portable toilets for leaking and properly dispose of any leaked material. Utilize a licensed sanitary waste hauler to remove leaking portable toilets and replace with properly operating unit.

EARTHEN STOCKPILE MANAGEMENT

- Show stockpile locations on plans. Locate earthen-material stockpile areas at least 50 feet away from storm drain inlets, sediment basins, perimeter sediment controls and surface waters unless it can be shown no other alternatives are reasonably available.
- Protect stockpile with silt fence installed along toe of slope with a minimum offset of five feet from the toe of stockpile.
- Provide stable stone access point when feasible.
- Stabilize stockpile within the timeframes provided on this sheet and in accordance with the approved plan and any additional requirements. Soil stabilization is defined as vegetative, physical or chemical coverage techniques that will restrain accelerated erosion on disturbed soils for temporary or permanent control needs.



CONCRETE WASHOUTS

- Do not discharge concrete or cement slurry from the site.
- Dispose of, or recycle settled, hardened concrete residue in accordance with local and state solid waste regulations and at an approved facility.
- Manage washout from mortar mixers in accordance with the above item and in addition place the mixer and associated materials on impervious barrier and within lot perimeter silt fence.
- Install temporary concrete washouts per local requirements, where applicable. If an alternate method or product is to be used, contact your approval authority for review and approval. If local standard details are not available, use one of the two types of temporary concrete washouts provided on this detail.
- Do not use concrete washouts for dewatering or storing defective curb or sidewalk sections. Stormwater accumulated within the washout may not be pumped into or discharged to the storm drain system or receiving surface waters. Liquid waste must be pumped out and removed from project.
- Locate washouts at least 50 feet from storm drain inlets and surface waters unless it can be shown that no other alternatives are reasonably available. At a minimum, install protection of storm drain inlet(s) closest to the washout which could receive spills or overflow.
- Locate washouts in an easily accessible area, on level ground and install a stone entrance pad in front of the washout. Additional controls may be required by the approving authority.
- Install at least one sign directing concrete trucks to the washout within the project limits. Post signage on the washout itself to identify this location.
- Remove leavings from the washout when at approximately 75% capacity to limit overflow events. Replace the tarp, sand bags or other temporary structural components when no longer functional. When utilizing alternative or proprietary products, follow manufacturer's instructions.
- At the completion of the concrete work, remove remaining leavings and dispose of in an approved disposal facility. Fill pit, if applicable, and stabilize any disturbance caused by removal of washout.

HERBICIDES, PESTICIDES AND RODENTICIDES

- Store and apply herbicides, pesticides and rodenticides in accordance with label restrictions.
- Store herbicides, pesticides and rodenticides in their original containers with the label, which lists directions for use, ingredients and first aid steps in case of accidental poisoning.
- Do not store herbicides, pesticides and rodenticides in areas where flooding is possible or where they may spill or leak into wells, stormwater drains, ground water or surface water. If a spill occurs, clean area immediately.
- Do not stockpile these materials onsite.

HAZARDOUS AND TOXIC WASTE

- Create designated hazardous waste collection areas on-site.
- Place hazardous waste containers under cover or in secondary containment.
- Do not store hazardous chemicals, drums or bagged materials directly on the ground.



MSA
ENGINEERS | SCIENTISTS | SURVEYORS
5032 ROUSE DRIVE, SUITE 200 | VIRGINIA BEACH, VA 23462 | 757.490.9264 | MSAONLINE.COM

DESIGNED: RWS
DRAWN: LDJ
CHECKED: DMW
APPROVED: CSA
DATE: 03/04/25

REVISIONS

NO. DATE BY DESCRIPTION

1 03/04/25 RWS Initial Design

2 03/04/25 LDJ Update to include PAMS and Flocculants

3 03/04/25 DMW Update to include Herbicides, Pesticides and Rodenticides

4 03/04/25 CSA Final Review

PROJECT: NCG01-GROUND STABILIZATION & MATERIALS HANDLING
SHEET: C-505
13 of 14 Sheets
SCALE: AS SHOWN
PROJ. NO.: 24100

WILSON RIDGE
OF
CURRITUCK COUNTY NORTH CAROLINA
MOYOCK TOWNSHIP

I:\Projects\24100 Wilson Ridge Stabilization\Engineering\Drawings & Exhibits\NCG01\Drawings [C-505] - Monday March 10, 2025, 2:44pm

**PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING**

SECTION A: SELF-INSPECTION

Self-inspections are required during normal business hours in accordance with the table below. When adverse weather or site conditions would cause the safety of the inspection personnel to be in jeopardy, the inspection may be delayed until the next business day on which it is safe to perform the inspection. In addition, when a storm event of equal to or greater than 1.0 inch occurs outside of normal business hours, the self-inspection shall be performed upon the commencement of the next business day. Any time when inspections were delayed shall be noted in the Inspection Record.

Inspect	Frequency (during normal business hours)	Inspection records must include:
(1) Rain gauge maintained in good working order	Daily	Daily rainfall amounts. If no daily rain gauge observations are made during weekend or holiday periods, and no individual-day rainfall information is available, record the cumulative rain measurement for those unattended days (and this will determine if a site inspection is needed). Days on which no rainfall occurred shall be recorded as "zero." The permittee may use another rain-monitoring device approved by the Division.
(2) E&SC Measures	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	1. Identification of the measures inspected, 2. Date and time of the inspection, 3. Name of the person performing the inspection, 4. Indication of whether the measures were operating properly, 5. Description of maintenance needs for the measure, 6. Description, evidence, and date of corrective actions taken.
(3) Stormwater discharge outfalls (SDCs)	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	1. Identification of the discharge outfalls inspected, 2. Date and time of the inspection, 3. Name of the person performing the inspection, 4. Evidence of indicators of stormwater pollution such as oil sheen, floating or suspended solids or discoloration, 5. Indication of visible sediment leaving the site, 6. Description, evidence, and date of corrective actions taken.
(4) Perimeter of site	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	If visible sedimentation is found outside site limits, then a record of the following shall be made: 1. Actions taken to clean up or stabilize the sediment that has left the site limits, 2. Description, evidence, and date of corrective actions taken, and 3. An explanation as to the actions taken to control future releases.
(5) Streams or wetlands onsite or offsite (where accessible)	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	If the stream or wetland has increased visible sedimentation or a stream has visible increased turbidity from the construction activity, then a record of the following shall be made: 1. Description, evidence and date of corrective actions taken, and 2. Records of the required reports to the appropriate Division Regional Office per Part III, Section C, Item (2)(a) of this permit.
(6) Ground stabilization measures	After each phase of grading	1. The phase of grading (installation of perimeter E&SC measures, clearing and grubbing, installation of storm drainage facilities, completion of all land-disturbing activity, construction or redevelopment, permanent ground cover). 2. Documentation that the required ground stabilization measures have been provided within the required timeframe or an assurance that they will be provided as soon as possible.

NOTE: The rain inspection resets the required 7 calendar day inspection requirement.

**PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING**

SECTION B: RECORDKEEPING

1. E&SC Plan Documentation

The approved E&SC plan as well as any approved deviation shall be kept on the site. The approved E&SC plan must be kept up-to-date throughout the coverage under this permit. The following items pertaining to the E&SC plan shall be kept on site and available for inspection at all times during normal business hours.

Item to Document	Documentation Requirements
(a) Each E&SC measure has been installed and does not significantly deviate from the locations, dimensions and relative elevations shown on the approved E&SC plan.	Initial and date each E&SC measure on a copy of the approved E&SC plan or complete, date and sign an inspection report that lists each E&SC measure shown on the approved E&SC plan. This documentation is required upon the initial installation of the E&SC measures or if the E&SC measures are modified after initial installation.
(b) A phase of grading has been completed.	Initial and date a copy of the approved E&SC plan or complete, date and sign an inspection report to indicate completion of the construction phase.
(c) Ground cover is located and installed in accordance with the approved E&SC plan.	Initial and date a copy of the approved E&SC plan or complete, date and sign an inspection report to indicate compliance with approved ground cover specifications.
(d) The maintenance and repair requirements for all E&SC measures have been performed.	Complete, date and sign an inspection report.
(e) Corrective actions have been taken to E&SC measures.	Initial and date a copy of the approved E&SC plan or complete, date and sign an inspection report to indicate the completion of the corrective action.

2. Additional Documentation to be Kept on Site

In addition to the E&SC plan documents above, the following items shall be kept on the site and available for inspectors at all times during normal business hours, unless the Division provides a site-specific exemption based on unique site conditions that make this requirement not practical:

- (a) This General Permit as well as the Certificate of Coverage, after it is received.
- (b) Records of inspections made during the previous twelve months. The permittee shall record the required observations on the Inspection Record Form provided by the Division or a similar inspection form that includes all the required elements. Use of electronically-available records in lieu of the required paper copies will be allowed if shown to provide equal access and utility as the hard-copy records.

3. Documentation to be Retained for Three Years

All data used to complete the e-NOI and all inspection records shall be maintained for a period of three years after project completion and made available upon request. [40 CFR 122.41]

**PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING**

SECTION C: REPORTING

1. Occurrences that Must be Reported

Permittees shall report the following occurrences:

- (a) Visible sediment deposition in a stream or wetland.
- (b) Oil spills if:
 - They are 25 gallons or more,
 - They are less than 25 gallons but cannot be cleaned up within 24 hours,
 - They cause sheen on surface waters (regardless of volume), or
 - They are within 100 feet of surface waters (regardless of volume).
- (c) Releases of hazardous substances in excess of reportable quantities under Section 311 of the Clean Water Act (Ref: 40 CFR 110.3 and 40 CFR 117.3) or Section 102 of CERCLA (Ref: 40 CFR 302.4) or G.S. 143-215.85.
- (d) Anticipated bypasses and unanticipated bypasses.
- (e) Noncompliance with the conditions of this permit that may endanger health or the environment.

2. Reporting Timeframes and Other Requirements

After a permittee becomes aware of an occurrence that must be reported, he shall contact the appropriate Division regional office within the timeframes and in accordance with the other requirements listed below. Occurrences outside normal business hours may also be reported to the Department's Environmental Emergency Center personnel at (800) 858-0368.

Occurrence	Reporting Timeframes (After Discovery) and Other Requirements
(a) Visible sediment deposition in a stream or wetland	<ul style="list-style-type: none"> • Within 24 hours, an oral or electronic notification. • Within 7 calendar days, a report that contains a description of the sediment and actions taken to address the cause of the deposition. Division staff may waive the requirement for a written report on a case-by-case basis. • If the stream is named on the NC 303(d) list as impaired for sediment-related causes, the permittee may be required to perform additional monitoring, inspections or apply more stringent practices if staff determine that additional requirements are needed to assure compliance with the federal or state impaired-waters conditions.
(b) Oil spills and release of hazardous substances per Item 1(b)-(c) above	<ul style="list-style-type: none"> • Within 24 hours, an oral or electronic notification. The notification shall include information about the date, time, nature, volume and location of the spill or release.
(c) Anticipated bypasses [40 CFR 122.41(m)(3)]	<ul style="list-style-type: none"> • A report at least ten days before the date of the bypass, if possible. The report shall include an evaluation of the anticipated quality and effect of the bypass.
(d) Unanticipated bypasses [40 CFR 122.41(m)(3)]	<ul style="list-style-type: none"> • Within 24 hours, an oral or electronic notification. • Within 7 calendar days, a report that includes an evaluation of the quality and effect of the bypass.
(e) Noncompliance with the conditions of this permit that may endanger health or the environment [40 CFR 122.41(l)(7)]	<ul style="list-style-type: none"> • Within 24 hours, an oral or electronic notification. • Within 7 calendar days, a report that contains a description of the noncompliance, and its causes; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time noncompliance is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance. [40 CFR 122.41(l)(6)]. • Division staff may waive the requirement for a written report on a case-by-case basis.

**PART II, SECTION G, ITEM (4)
DRAW DOWN OF SEDIMENT BASINS FOR MAINTENANCE OR CLOSE OUT**

Sediment basins and traps that receive runoff from drainage areas of one acre or more shall use outlet structures that withdraw water from the surface when these devices need to be drawn down for maintenance or close out unless this is infeasible. The circumstances in which it is not feasible to withdraw water from the surface shall be rare (for example, times with extended cold weather). Non-surface withdrawals from sediment basins shall be allowed only when all of the following criteria have been met:

- (a) The E&SC plan authority has been provided with documentation of the non-surface withdrawal and the specific time periods or conditions in which it will occur. The non-surface withdrawal shall not commence until the E&SC plan authority has approved these items,
- (b) The non-surface withdrawal has been reported as an anticipated bypass in accordance with Part III, Section C, Item (2)(c) and (d) of this permit,
- (c) Dewatering discharges are treated with controls to minimize discharges of pollutants from stormwater that is removed from the sediment basin. Examples of appropriate controls include properly sited, designed and maintained dewatering tanks, weir tanks, and filtration systems,
- (d) Vegetated, upland areas of the sites or a properly designed stone pad is used to the extent feasible at the outlet of the dewatering treatment devices described in Item (c) above,
- (e) Velocity dissipation devices such as check dams, sediment traps, and riprap are provided at the discharge points of all dewatering devices, and
- (f) Sediment removed from the dewatering treatment devices described in Item (c) above is disposed of in a manner that does not cause deposition of sediment into waters of the United States.



NCG01 SELF-INSPECTION, RECORDKEEPING AND REPORTING

EFFECTIVE: 04/01/19



ENGINEERS | SCIENTISTS | SURVEYORS
5032 ROUSE DRIVE, SUITE 200 | VIRGINIA BEACH, VA 23462 | 757.490.9264 | MSAONLINE.COM



RWS LDU DMW CSA
DESIGNED DRAWN CHECKED APPROVED
DATE 03/04/25

REVISION	DATE	DESCRIPTION

WILSON RIDGE
OF
CURRITUCK COUNTY NORTH CAROLINA

MOYOCK TOWNSHIP

SHEET
C-506
14 of 14 Sheets
SCALE: AS SHOWN
PROJ. NO.: 24100