

CONSTRUCTION DRAWINGS

PRUITT TOWN CENTER EXPANSION

COVER SHEET

C-0.0

GENERAL CONSTRUCTION NOTES:

1. TOPOGRAPHICAL DATA PERFORMED BY HARRISBURG SURVEYING. SITE BENCHMARK IS AVAILABLE FROM SURVEYOR. CONTOURS SHOWN HEREON ARE FROM AN ACTUAL FIELD SURVEY. BOUNDARY INFORMATION SUPPLIED BY OWNER AND SHOWN FOR REFERENCE ONLY. CONSULT PLS FOR ACTUAL BOUNDARY DATA.

2. ALL WORK, CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE TOWN OF HARRISBURG STANDARDS AND SPECIFICATIONS, LATEST EDITION.

3. ALL WORK, CONSTRUCTION AND MATERIALS WITHIN NCDOT RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE 2025 NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES.

4. ALL RIGHT OF WAYS SHALL BE PUBLIC.

5. THIS SITE IS LOCATED IN A FLOOD HAZARD ZONE X PER FEMA MAP 3710550700K DATED NOVEMBER 16, 2018.

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK ZONE TRAFFIC CONTROL IN OR ADJACENT TO NCDOT RIGHT-OF-WAY. TRAFFIC CONTROL SHALL BE MAINTAINED AT ALL TIMES WITH PROPER SIGNAGE, SIGNALS, LIGHTING, FLAGMEN. ALL SIGNS, PAVEMENT MARKINGS AND OTHER TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION.

7. COPIES OF ALL PERMITS AND APPROVED PLANS MUST BE KEPT ON SITE IN A PERMIT BOX THAT IS CONSPICUOUSLY LOCATED AND EASILY ACCESSIBLE DURING CONSTRUCTION. THIS INCLUDES APPROVED CONSTRUCTION PLANS, APPROVED EROSION CONTROL PLANS, ENCROACHMENT AGREEMENTS, DRIVEWAY PERMITS, WATER/SEWER PERMITS, ETC.

8. LOCATION OF UNDERGROUND UTILITIES ARE APPROXIMATE AND MUST BE FIELD VERIFIED. CONTACT THE NC ONE CALL CENTER AT LEAST 48 HOURS PRIOR TO DIGGING @ 1.800.632.4949. UNDERGROUND LINES SHOWN HEREON ARE APPROXIMATE OR AS REPORTED BY VARIOUS RESPONSIBLE PARTIES. THE SURVEYOR DOES NOT GUARANTEE THAT ANY UNDERGROUND STRUCTURES SUCH AS UTILITIES, TANKS AND PIPES ARE LOCATED HEREON.

9. THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH ALL UTILITY COMPANIES OR FIRMS HAVING FACILITIES ON OR ADJACENT TO THE SITE BEFORE DISTURBING, ALTERING, REMOVING, RELOCATING, ADJUSTING OR CONNECTING TO SAID FACILITIES.

10. THE CONTRACTOR IS RESPONSIBLE FOR REPAIR OF ANY CITY OR NCDOT DAMAGED PROPERTY. THE CONTRACTOR SHALL REPAIR THE DAMAGED PROPERTY TO THE LATEST STANDARDS AND SPECIFICATIONS OF THE AGENCY HOLDING JURISDICTION AT NO COST TO THE OWNER.

11. ANY DAMAGE DONE TO PRIVATE PROPERTY OWNERS SIGNS, MAILBOX, DRIVEWAY CULVERTS, OR OTHER PROPERTY SHALL BE RESTORED TO ORIGINAL CONDITION.

12. CONTRACTOR IS RESPONSIBLE FOR FENCING AND SECURITY OF HIS LAYDOWN AND STORAGE AREA.

13. CONTRACTOR SHALL KEEP ALL ROADS FREE OF DIRT AND DEBRIS AT ALL TIMES.

14. CONTRACTOR SHALL PROTECT EXISTING PAVEMENTS AND UTILITIES FROM HEAVY EARTH MOVING EQUIPMENT. PROVIDE TRAFFIC CONTROL AND ADEQUATE PROTECTION METHODS AT ALL EQUIPMENT CROSSINGS.

15. ALL EXCAVATION IS UNCLASSIFIED AND SHALL INCLUDE ALL MATERIALS ENCOUNTERED.

16. ALL STRUCTURAL FILL MATERIAL SHALL BE FREE OF ALL STICKS, ROCKS, AND CLUMPS OF MUD. ALL ROCKS GREATER THAN 3" DURING EXCAVATION SHALL BE REMOVED.

17. UNUSABLE EXCAVATED MATERIALS AND ALL WASTE RESULTING FROM CLEARING AND GRUBBING SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR IN AN APPROVED, LEGAL DISPOSAL SITE.

18. CONCRETE SIDEWALKS THAT ARE TO BE REMOVED SHALL BE CUT BACK TO NEAREST EXPANSION OR CONTROL JOINT AND REPLACED WITH 4-INCH CONCRETE SIDEWALK FINISHED TO MATCH EXISTING SIDEWALKS.

19. CONTRACTOR TO COORDINATE WITH TOWN OF HARRISBURG FOR TEMPORARY WATER NEEDED DURING CONSTRUCTION. IF PERMITTED TO CONNECT TO EXISTING FIRE HYDRANT A REDUCED PRESSURE ZONE (RPZ) BACKFLOW PREVENTER WILL BE REQUIRED.

20. THE TRANSITION OF PROPOSED ROADWAY TO EXISTING ROADWAY SHALL BE DONE WITH A MINIMUM 8-FT TRANSITION WHERE THE EXISTING PAVEMENT IS MILLED TO A MINIMUM DEPTH OF 1-1/2" AND OVERLAID.

21. ALL PAVEMENT SAW CUTS SHALL BE NEAT, STRAIGHT AND FULL DEPTH.

22. ALL RIP-RAP IS TO BE INSTALLED WITH NON-WOVEN FILTER FABRIC BENEATH (MIRAFI 140N OR APPROVED EQUAL).

23. ALL EXCESS TOPSOIL AND UNCLASSIFIED EXCAVATION IS TO BE HAULED OFF-SITE, UNLESS OTHERWISE DIRECTED BY THE OWNER TO AN APPROVED NCDENR LOCATION.

24. ALL SITE CONSTRUCTION MUST BE INSPECTED BY THE GEOTECHNICAL ENGINEER AT THE FOLLOWING STAGES:

A. COMPLETION OF GRADING SUBGRADE PRIOR TO PLACING STONE BASE.

B. COMPLETION OF STONE PLACEMENT PRIOR TO PAVING.

C. FINAL INSPECTION WHEN ALL WORK IS COMPLETE.

25. PRIOR TO PLACING CABC STONE BASE, THE CONTRACTOR SHOULD NOTIFY THE GEOTECHNICAL ENGINEER TO INSPECT THE PROOF ROLL OF THE SUBGRADE. ANY STONE PLACED WITHOUT PRIOR APPROVAL WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND SUBJECT TO RE-CONSTRUCTION IF SUBGRADE DOES NOT MEET CITY AND NCDOT STANDARDS & SPECIFICATIONS.

26. ALL UTILITY SERVICES, (POWER, TELEPHONE, CABLE, ETC.) ARE PROPOSED TO BE UNDERGROUND. DO NOT SEED OR MULCH DISTURBED AREAS UNTIL ALL UNDERGROUND UTILITIES HAVE BEEN INSTALLED. THE CONTRACTOR SHALL COORDINATE WITH THE PRIVATE UTILITY SERVICE COMPANIES FOR ANY REQUIRED CONDUITS OR POINT OF CONTACT CONDITIONS.

27. ALL PUBLIC UTILITIES THAT REQUIRE AN ENGINEERING CERTIFICATION MUST BE INSPECTED BY A PROFESSIONAL ENGINEER ON A PERIODIC BASIS. THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER WHEN INSTALLING UTILITIES FOR PERIODIC INSPECTIONS. THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER AT THE TIME OF PRESSURE TESTING AND WATER LINE DISINFECTION. THE CONTRACTOR SHALL SUPPLY THE PROJECT ENGINEER PRESSURE TEST RESULTS.

28. INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS AND FIELD CONDITIONS WHEN POSSIBLE, BUT THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND ELEVATION OF ALL EXISTING UTILITIES BY DIGGING TEST PITS BY HAND AT ALL UTILITY CROSSINGS WELL IN ADVANCE OF TRENCHING. IF THE CLEARANCES ARE LESS THAN SPECIFIED ON THE PLANS OR 12 INCHES, WHICH EVER IS LESS, CONTACT THE PROJECT ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION.

29. THE CONTRACTOR SHALL INCLUDE IN HIS CONTRACT PRICE THE REMOVAL AND DISPOSAL OF ANY EXCESS TOPSOIL HE DETERMINES IS NOT REQUIRED TO PERFORM THE FINAL GRADING AND LANDSCAPING OPERATION.

30. THE CONTRACTOR SHALL INCLUDE IN THE CONTRACT PRICE DAILY RECORD KEEPING OF THE AS-BUILT CONDITION OF ALL OF THE UNDERGROUND UTILITIES, CONSTRUCTION STAKEOUT ASSOCIATED WITH THE PROJECT. PREPARATION OF THE NECESSARY/REQUIRED AS-BUILT PLANS TO BE SUBMITTED TO TOWN OF HARRISBURG AND/OR ALL OTHER INFORMATION REQUIRED IN CONNECTION WITH RELEASE OF BONDS.

31. THE CONTRACTOR SHALL INCLUDE IN THE PRICE, ANY AND ALL COSTS ASSOCIATED WITH PROVIDING A PROFESSIONAL ENGINEER ON SITE IF REQUIRED, DURING THE CONSTRUCTION OF THE STORMWATER MANAGEMENT FACILITIES, UNDERGROUND UTILITIES, ETC. AS REQUIRED FOR AS-BUILT CERTIFICATION.

32. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND IMPLEMENTATION OF ALL REQUIRED/NECESSARY SHEETING, SHORING, AND SPECIAL EXCAVATION MEASURES REQUIRED ON THE PROJECT TO MEET OSHA, FEDERAL, STATE AND LOCAL REGULATIONS PURSUANT TO THE INSTALLATION OF THE WORK INDICATED ON THE DRAWINGS. NCDOT, TOWN OF HARRISBURG & CURRY ENGINEERING ACCEPT NO RESPONSIBILITY FOR THE DESIGN TO INSTALL SAID ITEMS.

33. TESTING BY CONTRACTOR: CONTRACTOR SHALL EMPLOY AT HIS EXPENSE AN OUTSIDE INDEPENDENT SOIL TESTING SERVICE (APPROVED BY THE OWNER) TO PERFORM SOIL TESTING AND INSPECTION SERVICE FOR QUALITY CONTROL TESTING DURING EARTHWORK OPERATIONS. COPIES OF RESULTS OF TESTS SHALL BE SUBMITTED BY THE TESTING SERVICE DIRECTLY TO THE CONTRACTOR, THE OWNER, AND THE APPLICABLE APPROVING AGENCY. --THE TESTING SERVICE WILL CLASSIFY PROPOSED ON-SITE AND BORROW SOILS TO VERIFY THAT SOILS COMPLY WITH SPECIFIED REQUIREMENTS AND TO PERFORM REQUIRED FIELD AND LABORATORY TESTING. (MINIMUM REQUIRED SOIL BEARING CAPACITY IS NOTED ON THE STRUCTURAL DRAWINGS). --IN PAVED AND BUILDING SLAB AREAS, THE TESTING SERVICE SHALL MAKE AT LEAST ONE FIELD DENSITY TEST FOR EACH 2000 SQUARE FEET OF FILL IN EACH COMPACTED FILL LAYER. IF A TEST SHOULD FAIL TO MEET REQUIRED DENSITY, THE CONTRACTOR SHALL RE-COMPACT THAT LAYER. THE SOIL TESTING SERVICE SHALL PERFORM ADDITIONAL TESTS AT THE CONTRACTOR'S EXPENSE TO SHOW THAT THE FAILED LAYER HAS REACHED THE REQUIRED COMPACTION. --IN FOUNDATION WALL AREAS, THE TESTING SERVICE SHALL MAKE AT LEAST ONE FIELD DENSITY TEST FOR EACH 100 FEET OR LESS OF WALL LENGTH OF FILL IN EACH COMPACTED FILL LAYER, WITH NO LESS THAN TWO TESTS ALONG A WALL FACE. IF A TEST SHOULD FAIL TO MEET REQUIRED DENSITY, THE CONTRACTOR SHALL RE-COMPACT THAT LAYER. THE SOIL TESTING SERVICE SHALL PERFORM ADDITIONAL TESTS AT THE CONTRACTOR'S EXPENSE TO SHOW THAT THE FAILED LAYER HAS REACHED THE REQUIRED COMPACTION.

34. COMPACTION: COMPACT EACH LAYER OF BACKFILL AND FILL SOIL MATERIALS AND THE TOP 12" OF SUBGRADE IN CUT AREAS TO 100% OF MAXIMUM DENSITY IN ACCORDANCE WITH AASHTO T99 FOR STRUCTURES, SLABS, AND PAVEMENTS AND 95% OF MAXIMUM DENSITY FOR EMBANKMENTS OR UNPAVED AREAS. MAX LIFT THICKNESS FOR FILL AREAS IS 8 INCHES.

35. DISTURBED AREA IS IN EXCESS OF 12,000 SQUARE FEET AND FORMAL SEDIMENTATION & EROSION CONTROL PLAN APPROVAL IS REQUIRED AS A CONDITION OF CONSTRUCTION PLAN APPROVAL. A COPY OF THE APPROVED EROSION CONTROL PLAN MUST BE KEPT ON SITE AT ALL TIMES. THE APPROVED SEDIMENTATION & EROSION CONTROL PLAN SHOULD BE REGARDED AS MINIMUM REQUIREMENTS; ADDITIONAL MEASURES SHALL BE PUT IN PLACE AS NEEDED TO ENSURE THAT NO SEDIMENT IS RELEASED FROM THE SITE. THE CONTRACTOR IS RESPONSIBLE FOR PICKING UP AND PAYING FOR GRADING PERMIT ISSUED BY TOWN OF HARRISBURG.

36. DESIGN/FIELD CONDITIONS QUITE EASILY MAY VARY FROM THAT REPRESENTED IN THE INITIAL SOILS REPORT AND/OR TOPOGRAPHICAL REPORT. ISOLATED AREAS MAY SHOW UP WEAK AND ADVERSE SOILS OR GROUNDWATER CONDITIONS MAY BE DISCOVERED THAT WERE NOT REVEALED DURING THE INITIAL SOILS INVESTIGATION. THEREFORE, THE OWNER/CLIENT IS TO BE AWARE THAT CURRY ENGINEERING GROUP, PLLC WILL NOT AND CANNOT BE HELD RESPONSIBLE FOR ANY FAILURES TO EITHER A STREET OR PARKING LOT PAVEMENT DESIGN UNLESS WE CAN BE FULLY AND TOTALLY INVOLVED IN THE CONSTRUCTION PROCESS WHICH MAY INCLUDE, BUT MAY NOT NECESSARILY BE LIMITED TO, TESTING SUBGRADE AND BASE DENSITY, ENGAGING THE GEOTECHNICAL ENGINEER FOR THE EVALUATION OF THE SUBGRADE AND FOR THE OBSERVATION OF PROOF ROLLING SUBGRADE AND BASE AT VARIOUS STEPS OF CONSTRUCTION, OPPORTUNITY FOR THE DESIGN ENGINEER TO CALL IN A GEOTECHNICAL ENGINEER FOR CONSULTATION AND ADVICE, ETC. - STEPS WHICH TAKEN ALTOGETHER WITH THE INITIAL DESIGN SHOWN ON THE PLANS, CONSTITUTE THE COMPLETE DESIGN OF THE ROAD, STREET OF PARKING AREA (PRIVATE OR PUBLIC). THE DESIGN ENGINEER MUST BE GIVEN THE FULL LATITUDE AND OPPORTUNITY TO COMPLETE THE DESIGN BY FULLY PARTICIPATING IN THE CONSTRUCTION PROCESS. PLAN DESIGN IS A SMALL PORTION OF THE DESIGN AND CANNOT BE SEPARATED FROM THE CONSTRUCTION PROCESS IF THE OWNER'S/CLIENT'S DESIRE IS TO HAVE THE DESIGN ENGINEER STAND BEHIND THE COMPLETED DESIGNED PROJECT.
- GENERAL ABBREVIATIONS:
- | IDENTIFIER | DESCRIPTION | IDENTIFIER | DESCRIPTION |
|------------|------------------------------------|--|--|
| & | AND | --M-- | |
| CL | CENTERLINE | MAX | MAXIMUM |
| Ø | DIAMETER OR ROUND | MH | MANHOLE |
| PL | PROPERTY LINE | MIN | MINIMUM |
| ABC | --A-- | --N-- | |
| AVE | AGGREGATE BASE ASPH ASPHALT AVENUE | N | NORTH, NORTHING |
| BLVD | --B-- | NCDENR | NORTH CAROLINA DEPARTMENT OF ENVIRONMENT & NATURAL RESOURCES |
| BLDG | BUILDING | NCDOT | NORTH CAROLINA DEPARTMENT OF TRANSPORTATION |
| BOC | BACK OF CURB | NTS | NOT TO SCALE |
| BW | BOTTOM OF WALL | --O-- | |
| --C-- | | OH | OVERHEAD |
| CB | CATCH BASIN | OCB | OFF-SET CATCH BASIN |
| CI | CURB INLET | --P-- | |
| CIP | CAST IRON PIPE | PCO | PORTLAND CEMENT CONCRETE |
| CLS | CLASS | PE | POLYETHYLENE |
| CJ | CONTROL JOINT | PKWY | PARKWAY |
| CO | CLEANOUT | POC | POINT OF CONNECTION |
| CONC | CONCRETE | PVC | POLYVINYL CHLORIDE |
| --D-- | | --R-- | |
| DI | DROP INLET | R | RADIUS |
| DIA | DIAMETER | RCP | REINFORCED CONCRETE PIPE |
| DIP | DUCTILE IRON PIPE | R.O.W. RIGHT OF WAY | |
| DOM | DOMESTIC | RPDA | REDUCED PRESSURE DETECTOR ASSEMBLY |
| DR | DRIVE | RPZ | REDUCED PRESSURE ZONE |
| --E-- | | --S-- | |
| (XX) | EXISTING ELEVATION | S | SOUTH |
| E | EAST, EASTING | SD | STORM DRAIN |
| EL | ELEVATION | SDMH | STORM DRAIN MANHOLE |
| EJ | EXPANSION JOINT | SDE | SIGHT DISTANCE EASEMENT |
| EOP | EDGE OF PAVEMENT | SMH | SANITARY SEWER MANHOLE |
| EX | EXISTING | SS | SANITARY SEWER STATION |
| EVAP | EVAPORATIVE | STD | STANDARD |
| --F-- | | ST.STL | STAINLESS STEEL |
| FDC | FIRE DEPARTMENT CONNECTION | SWPPP | STORMWATER POLLUTION PREVENTION PLAN |
| FES | FLARED END SECTION | --T-- | |
| FFE | FINISHED FLOOR ELEVATION | TB | TOP OF BARRIER |
| FG | FINISHED GRADE | TC/TOC | TOP OF CURB |
| FH | FIRE HYDRANT | TD | TEMPORARY DIVERSION |
| FL | FLOW LINE | TH | TEST HEADER |
| FT | FOOT OR FEET | TOP | TOP OF PIPE |
| --G-- | | TP | TOP OF PAD |
| G | GAS | TYP | TYPICAL |
| GALV | GALVANIZED | TW | TOP OF WALL |
| GB | GRADE BREAK | --U-- | |
| GE | GENERAL ELECTRIC | UG | UNDERGROUND |
| GR | GRADE | --V-- | |
| --H-- | | VEG | VEGETATED |
| HDPE | HIGH DENSITY POLYETHYLENE | VERT | VERTICAL |
| HORIZ | HORIZONTAL | --W-- | |
| HOV | HIGH OCCUPANCY VEHICLE | W | WEST |
| HP | HIGH POINT | W/ | WITH |
| --I-- | | W/O | WITHOUT |
| IAW | IN ACCORDANCE WITH | --Y-- | |
| I.H. | INTERSTATE HIGHWAY | YI | YARD INLET |
| INV | INVERT | | |
| --L-- | | | |
| LEN | LENGTH | | |
| LEV | LOW EMISSION VEHICLE | | |
| LF | LINEAR FEET | ** ALL SYMBOLS & ABBREVIATIONS SHOWN ON THIS SHEET MAY OR MAY NOT BE USED IN THIS DRAWING PACKAGE ** | |
| LP | LOW POINT | | |
- SIGNAGE NOTES:
1. ALL SIGNS SHALL BE I.A.W. THE LATEST EDITIONS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND NORTH CAROLINA DEPARTMENT OF TRANSPORTATION (NCDOT) STANDARDS & SPECIFICATIONS.

2. ALL SIGNS SHALL BE FABRICATED FROM ALUMINUM ALLOY SHEETS WITH HIGH INTENSITY SHEETING. COLORS SHALL BE RETROREFLECTIVE.

3. STOP & STREET SIGNS SHALL BE MOUNTED ON A 3" DIAMETER BLACK POWDER COATED ALUMINUM POST WITH DECORATIVE CAP AND BRACKET.

4. ALL OTHER SIGNS SHALL BE MOUNTED ON A 3-LB U-CHANNEL GALVANIZED STEEL (12 GAUGE) MOUNTING POST WITH MINIMUM CLEARANCE OF 84". SIGNS SHALL BE BURIED MINIMUM 3.5' FEET IN GROUND WITH A BREAKAWAYS.

5. MOUNTING HARDWARE FOR SIGNS SHALL BE GALVANIZED STEEL.

6. ALL SIGNS SHALL BE DESIGNATED AS FOLLOWS PER MUTCD STANDARDS.
- Z:\PROJECTS\FOLDER_ZEBULON\2024\2024-048 PRUITT TOWN CENTER 59 BED EXPANSION - HARRISBURG\PLANS\SITE PLAN\SHEET FILE\SC-01 CIVIL NOTES.DWG
PLOTTED: 9/10/2025 11:51 AM
- | REVISIONS | | | |
|----------------------------|--|---------------------------|--|
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| | | | |
| STATUS | | | |
| FOR REGULATORY REVIEW ONLY | | | |
| NOT FOR CONSTRUCTION | | | |
| DATE: AUGUST XX, 2025 | | HORZ. SCALE: N.T.S. | |
| FILE NO.: 2024-048 | | ORIG. SHEET SIZE: 24 x 36 | |
- PROFESSIONAL'S SEAL
- CONSULTANT

Curry

ENGINEERING

CURRY ENGINEERING

EST. 1910

NORTH CAROLINA

NC LIC. NO. P-0799

(919) 552-2849

236 S. Ecury Avenue

(919) 552-2043

Fuquay-Varina, NC 27326
- CLIENT
- OWNER INFORMATION

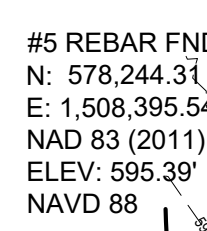
The Heritage Properties at Town Center, Inc.
409 E. Doyle Street
P.O. Box 1210
Toccoa, GA 30577

Pruitt Properties, Inc.
1626 Jeurgens Court
Norcross, GA 30093
- CONSTRUCTION DRAWINGS

PRUITT TOWN CENTER EXPANSION

CIVIL NOTES

C-0.1



NCGS GRID MONUMENT "NCRR CB
M364 1"
N: 574,290.94 ft
E: 1,507,802.14 ft
NAD 83 (2011)
CGF: 0.99984881
ELEV: 609.85'
NAVD 88

PRUITT PROPOERTIES INC
PIN: 5507 78 9474
DB: 9955 PG: 82
MB: 35 PG: 12
ZONING: O-I
USE: VACANT

SEE SITE PLAN FOR
PROJECT AREA

EXISTING SITE VEGETATION
TO BE CLEARED.
SEE DEMOLITION PLAN

**EXISTING
STORMWATER
MANAGEMENT
AREA TO REMAIN**

EXISTING BUILDING
TO REMAIN

SEE SITE PLAN FOR
PROJECT AREA

BUILDING
IN

BM: NAIL & CAP
N: 579,024.73 ft
E: 1,508,292.42 ft
NAD 83 (2011)
ELEV: 580.73'
NAVD 88

NHP CARILLON LLC
PIN: 5507 89 4340
DB: 7168 PG: 153
ZONING: RE
USE: HEALTH CARE FACILITY

BM: NAIL & CAP
N: 578,906.08 ft
E: 1,508,562.19 ft
NAD 83 (2011)
ELEV: 581.16'
NAVD 88

#5 REBAR FND
N: 578,903.24 ft
E: 1,508,681.52 ft
NAD 83 (2011)
ELEV: 580.20'
NAVD 88

SURVEY NOTES:

















1. BOUNDARY PREDICATED ON MONUMENTS FOUND AS SHOWN.
2. AREA CALCULATED BY COGO METHOD.
3. UTILITY NOTE: THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.
4. RIVER STREAM OVERLAY ZONE (RSOZ) IS SHOWN AS 50' BUFFER FROM THE PERENNIAL STREAM PLUS 4 TIMES THE AVERAGE

$$\text{SLOPE } 250' \text{ FROM THE CENTERLINE OF CREEK WHICH IS CALCULATED AS FOLLOWS:}$$

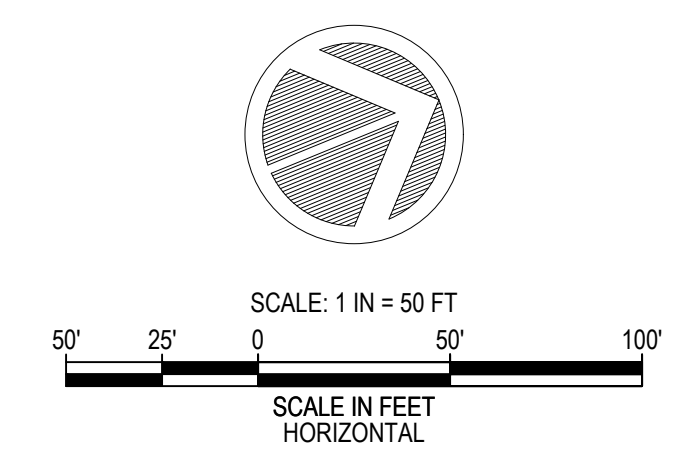
$$\text{SLOPE: } 582 - 572 = 10' \times 100/250' = 4'$$

$$\text{WATER BUFFER: } 50' + (4' \times 4) = 66'$$
5. NO OBSERVABLE EVIDENCE OF EARTH MOVING OR CONSTRUCTION ON THIS PROPERTY DURING THE COURSE OF THIS SURVEY.
6. NO CHANGES OF STREET R/W LINES AND NO SIDEWALK OR STREET REPAIRS OR CONSTRUCTION OBSERVED DURING THE COURSE OF THIS SURVEY.
7. ALL BEARINGS, DISTANCES AND COORDINATES SHOWN HEREON ARE LOCALIZED NAD 83 (2011) BASED UPON NC STATE PLAN COORDINATE SYSTEM PER A.G.P.S. SURVEY BASED ON U.S.R.S. & C.O.R.N.S.

SURVEY LEGEND

NIP	NEW IRON SET
EIP	EXISTING IRON PIN
CP	COMPUTED POINT
SN	SET MAG NAIL
R/W	RIGHT-OF-WAY
— ESMT —	EX EASEMENT (AS LABELED)
	EXISTING HANDICAP PARKING
	EXISTING SIGN
	EXISTING LIGHT POLE
	EXISTING FIRE HYDRANT
	EXISTING WATER VALVE
	EXISTING WATER METER
	EXISTING GAS VALVE
	EXISTING GAS METER
SSM — 	EXISTING SEWER MANHOLE
—  —	EXISTING STORM MANHOLE
	EXISTING UTILITY POLE
=====	EXISTING CURB AND GUTTER
— X —	EXISTING FENCE
— UE —	EXISTING UNDERGROUND ELECTRIC
—  —	EXISTING OVERHEAD POWER LINE
— T —	EXISTING UNDERGROUND TELEPHONE
— SS —	EXISTING SANITARY SEWER LINE
— WATER —	EXISTING DOMESTIC WATER LINE
— FP —	EXISTING FIRE PROT. WATER LINE
— G —	EXISTING NAT. GAS
—  —	EXISTING STORM DRAIN
DI 	EXISTING DROP INLET
CB 	EXISTING CATCH BASIN
	EXISTING CLEANOUT
HVAC	HEATING, VENT, AIR CONDITION
123x45	ELEVATION SPOT SHOT

Surveyor:
Harrisburg Surveying
115 Plaza Dr.
Harrisburg, NC 28075
704.455.9553 (PH)
704.455.9008 (FX)
Contact: James T. West, PLS


[illegible]

PROFESSIONAL'S SEAL

PROFESSIONAL ENGINEER SEAL
NOT AFFIXED TO SHEET AS
ENGINEER DOES NOT CERTIFY
INFORMATION PROVIDED BY
OTHERS

CONSULTANT

Curry
ENGINEERING



T (919) 552-0849
 F (919) 552-2043

205 S. Fuquay Avenue
 Fuquay-Varina, NC 27526

NC LIC. NO. P-0799

OWNER INFORMATION

**The Heritage Properties at
Town Center, Inc.**
409 E. Doyle Street
P.O. Box 1210
Toccoa, GA 30577

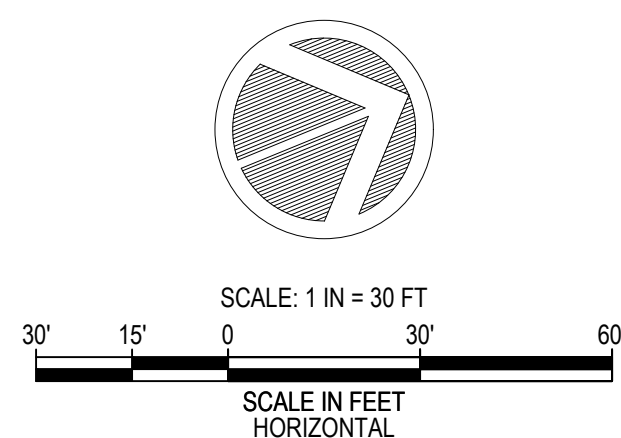
Pruitt Properties, Inc.
1626 Jeurgens Court
Norcross, GA 30093

CONSTRUCTION DRAWINGS

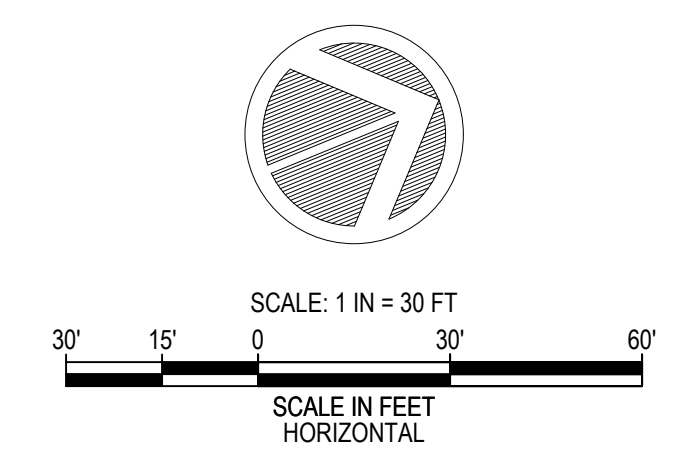
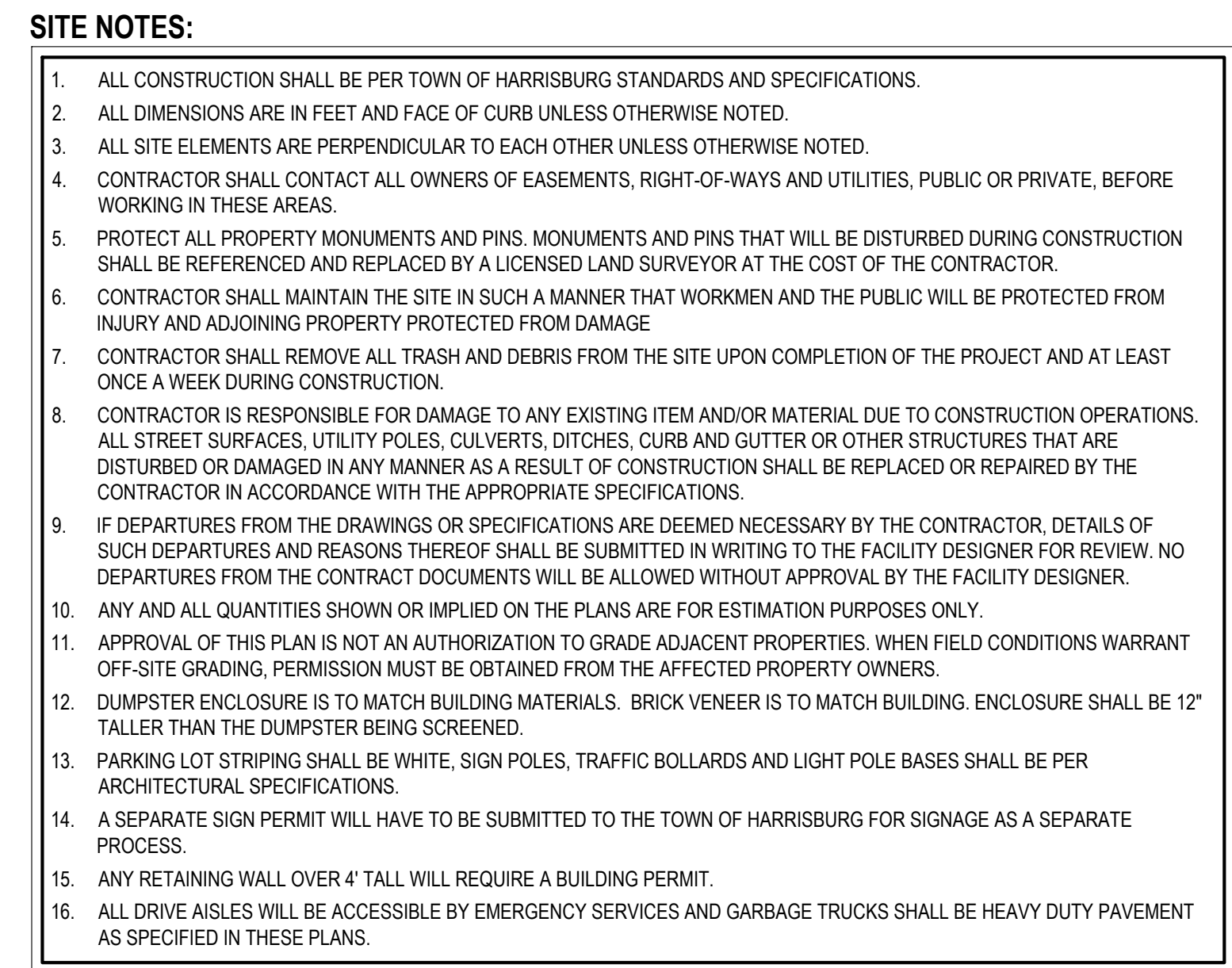
PRUITT TOWN CENTER EXPANSION

EXISTING CONDITIONS PLAN

C-1.0



C-2.0



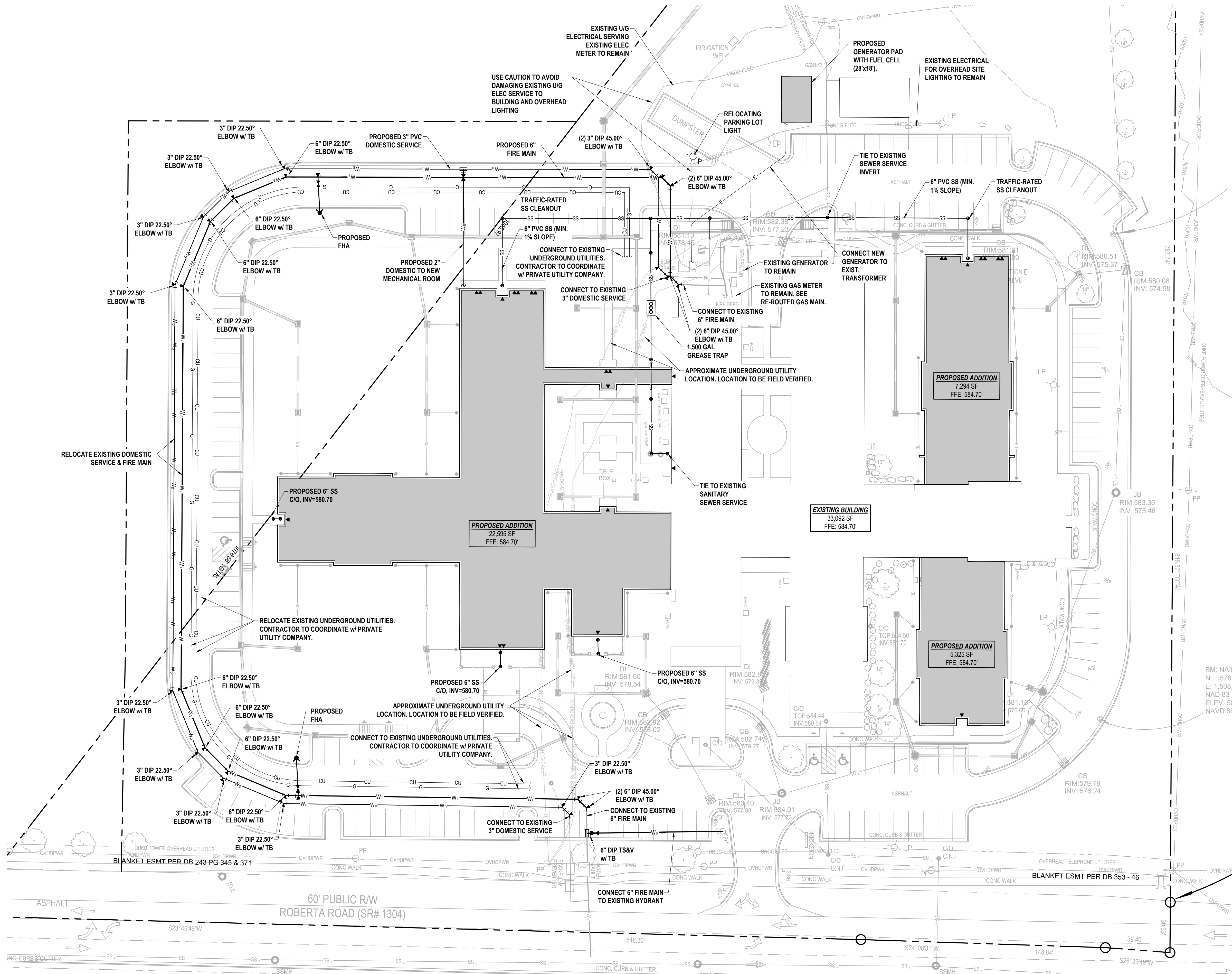
CONSTRUCTION DRAWINGS

PRUITT TOWN CENTER EXPANSION

SITE PLAN

C-3.0

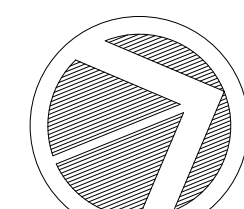
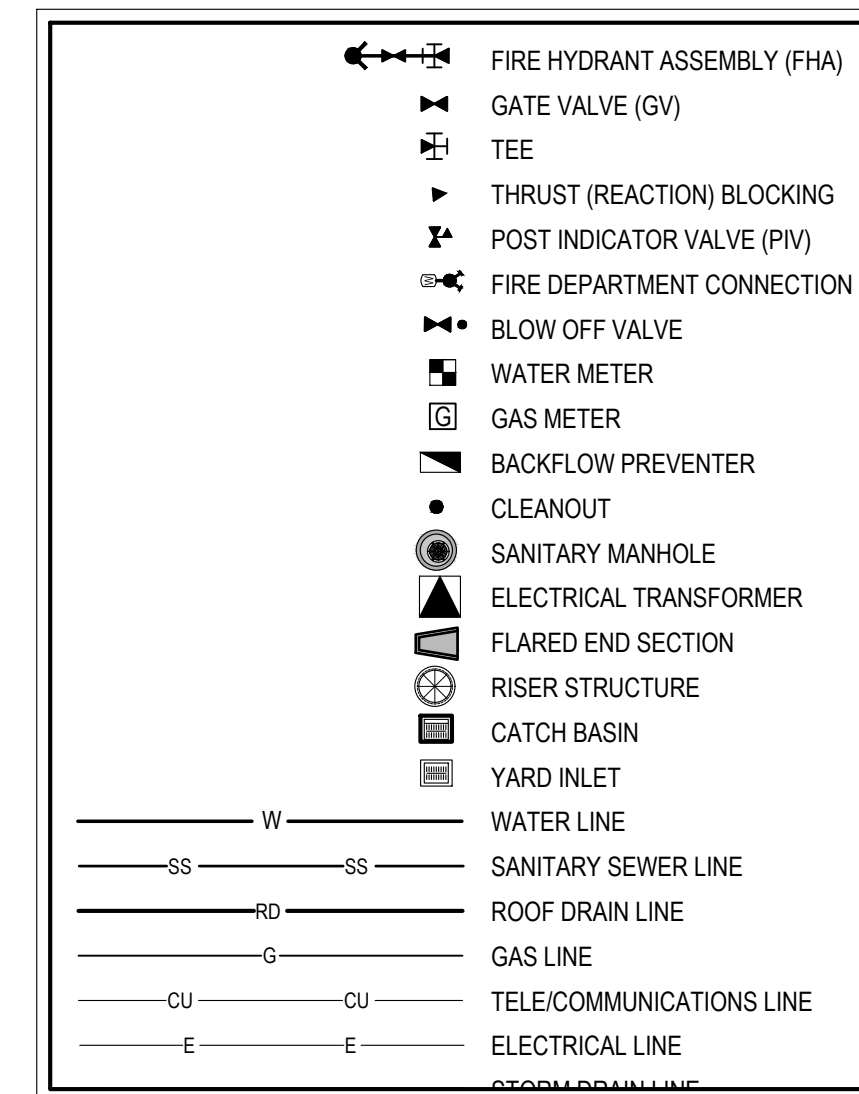
Z:\PROJECTS\FOLDER_ZEBULON\2024\2024-04-08 PRUITT TOWN CENTER 59 BED EXPANSION - HARRISBURG\PLANS\SITE PLANS\4.0 UTILITY PLAN.DWG
PLOTTED: 9/10/2025 11:52 AM



UTILITY NOTES:

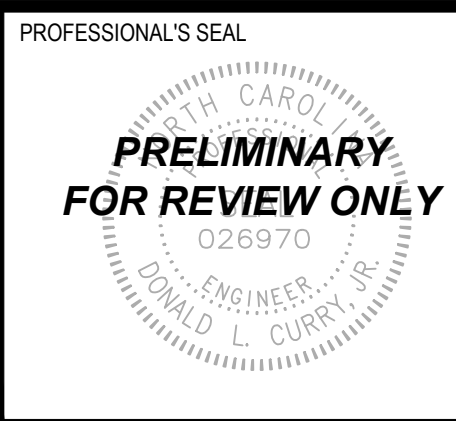
- CONTRACTOR SHALL HAVE NORTH CAROLINA ONE CALL (1-800-632-4849) LOCATE ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION. CONTRACTOR SHALL VERIFY THE DEPTH AND LOCATION OF ALL EXISTING UTILITIES AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES OR CONFLICTS PRIOR TO BEGINNING CONSTRUCTION.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH TOWN OF HARRISBURG AND CABARRUS COUNTY STANDARDS AND SPECIFICATIONS.
- THIS PLAN IS DIAGRAMMATIC AND REPRESENTS THE APPROXIMATE LOCATION OF UTILITIES UNLESS SPECIFICALLY DIMENSIONED. THE CONTRACTOR SHALL COORDINATE THE ACTUAL LOCATION OF UTILITIES TO AVOID CONFLICTS AND MEET MINIMUM SIZE, SLOPE, AND CODE REQUIREMENTS.
- NO CHANGES TO ANY ASPECT OF THIS PLAN WILL BE MADE WITHOUT APPROVAL OF THE ENGINEER AND TOWN OF HARRISBURG PLANNING DEPARTMENT.
- CONTRACTOR SHALL ADJUST ALL CLEANOUTS, VALVE BOXES, MANHOLES, ETC. TO THE FINISHED GRADES ESTABLISHED BY THIS PROJECT.
- CONTRACTOR SHALL PROVIDE ALL NECESSARY PIPE SIZE AND MATERIAL ADAPTERS FOR CONNECTION FROM SITE UTILITY PIPING TO BUILDING SERVICE PIPING. CONTRACTOR SHALL PROVIDE ALL REDUCERS NEEDED WHEN CHANGING PIPE SIZES. A SEWER SERVICE LINE SHALL BE A MINIMUM 6" AT 2ND BUILDING SERVICE CONNECTION.
- ALL SEWER CONNECTIONS SHALL BE SWEEPING TEES OR WYES WITH CLEANOUTS.
- ALL METERS, BFP's, PIV, FDC CONNECTION, AND VALVES ARE TO ADHERE TO TOWN OF HARRISBURG AND CABARRUS COUNTY STANDARDS.
- ELECTRICAL POWER TO THE BUILDING IS TO BE SUPPLIED BY DUKE ENERGY.
- ALL WATER LINES ARE TO HAVE MINIMUM 36" COVER.
- ALL U/G ELECTRICAL CONDUITS ARE TO HAVE MINIMUM 24" COVER. GAS, TELEPHONE AND CABLE LINES SHALL HAVE MINIMUM COVER AS DETERMINED BY SERVICE COMPANY.
- CLEANOUTS ARE REQUIRED ON ALL SERVICES WITH A MAXIMUM SPACING OF 75 FEET ON 4-INCH SERVICES AND 100 FEET ON 6-INCH SERVICES, AND AT THE ROW LINE OR EDGE OF EASEMENT. ALL CLEANOUTS SHALL BE FLUSH WITH FINISHED GRADE WITH AN INVERTED BRASS CAP.
- REFER TO BUILDING PLANS FOR EXACT LOCATION OF WHERE UTILITIES ENTER THE BUILDING.
- THERE SHALL BE AT MINIMUM 24" VERTICAL SEPARATION BETWEEN WATER & SANITARY SEWER. THERE SHALL BE AT MINIMUM 24" VERTICAL SEPARATION BETWEEN WATER & STORM SEWER (OR ROOF DRAINS) AND BETWEEN SANITARY SEWER & STORM DRAINAGE (OR ROOF DRAINS). IN BOTH SITUATIONS IT IS PREFERRED THAT THE UTILITY CROSSES ABOVE THE SANITARY SEWER. IF THE MINIMUM SEPARATION CANNOT BE MAINTAINED OR IF THE UTILITY HAS BE LAID BENEATH THE SANITARY SEWER, THE SANITARY SEWER WILL BE DUCTILE IRON PIPE.
- ALL PROPOSED UTILITIES LINES MUST BE UNDER GROUND.
- NOTE THAT IF ANY ACCESSORY UNITS ARE VISIBLE FROM THE RIGHT-OF-WAY, ADDITIONAL SCREENING WILL BE REQUIRED THAT WILL DELAY ISSUANCE OF A CERTIFICATE OF OCCUPANCY UNTIL SUCH SCREENING IS INSTALLED AND ACCEPTED BY THE TOWN.
- ALL SEWER CLEANOUTS IN PAVEMENT AREAS SHALL BE TRAFFIC-RATED.
- PERMANENT MARKERS SHALL BE INSTALLED WHERE THE WATER SERVICE CHANGES DIRECTION, IN COMPLIANCE WITH TOWN SPECIFICATIONS.
- ALL SEWER SERVICE LINES SHALL BE WYE TYPE CONNECTIONS.

UTILITY LEGEND



SCALE: 1 IN = 30 FT
SCALE IN FEET
HORIZONTAL

REVISIONS	
STATUS FOR REGULATORY REVIEW ONLY NOT FOR CONSTRUCTION	
DATE: AUGUST XX, 2025	HORIZ. SCALE: 1" = 30'
FILE NO.: 2024-048	ORIG. SHEET SIZE: 24 x 36



CONSULTANT

Curry
ENGINEERING

Curry Engineering
EST. 1964
NORTH CAROLINA
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Fayetteville, NC 27326

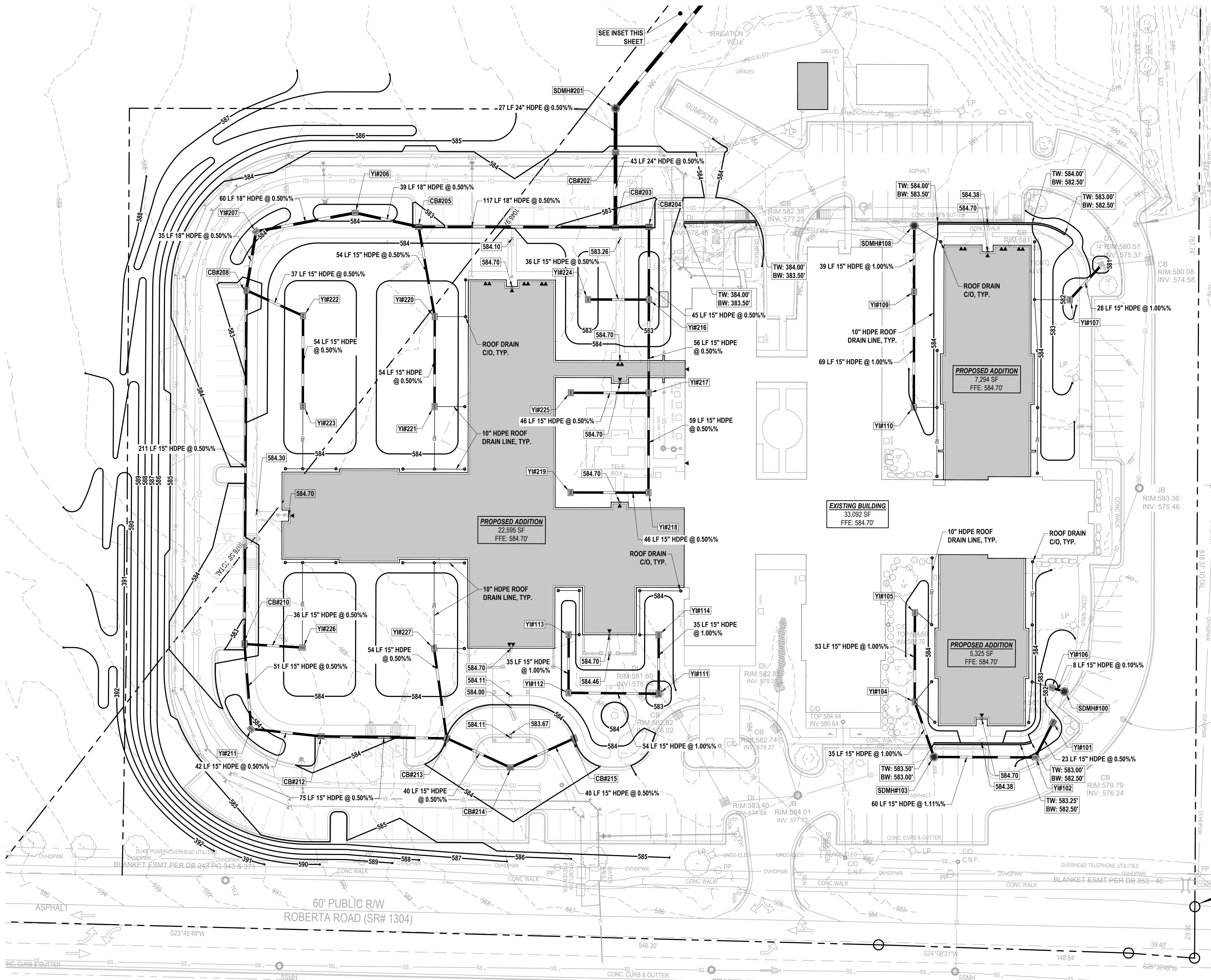


OWNER INFORMATION
**The Heritage Properties at
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409 E. Doyle Street
P.O. Box 1210
Toccoa, GA 30577
Pruitt Properties, Inc.
1626 Jeurgens Court
Norcross, GA 30093

CONSTRUCTION DRAWINGS
PRUITT TOWN CENTER EXPANSION
UTILITY PLAN

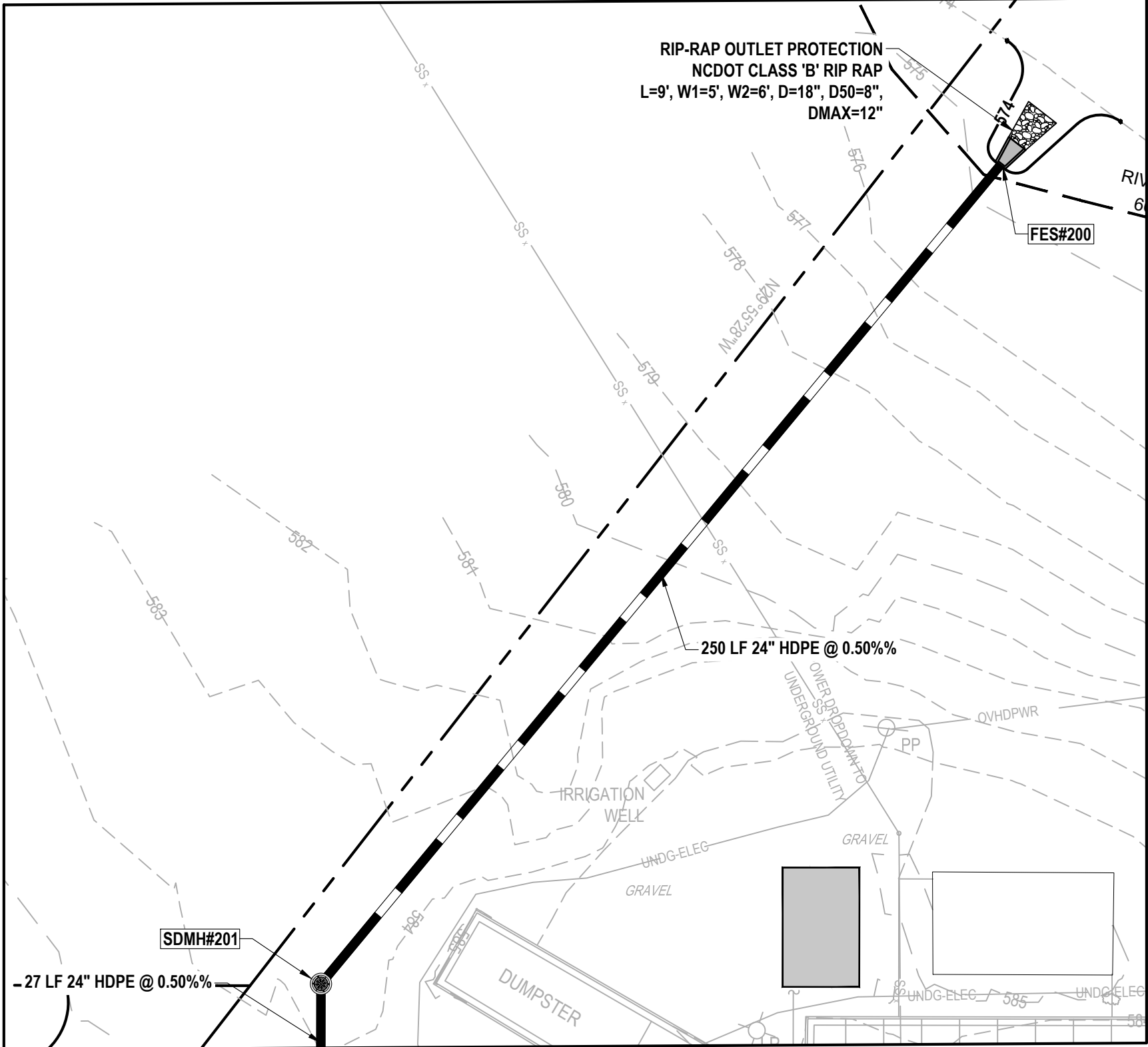
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Z:\PROJECTS\FOLDER_ZEBU\CON\2024\2024-048 PRUITT TOWN CENTER 59 BED EXPANSION - HARRISBURG\PLANS\SITE PLANS\DRG C-5.0 GRADING & DRAINAGE PLAN.DWG
PLOTTED: 9/10/2025 11:52 AM



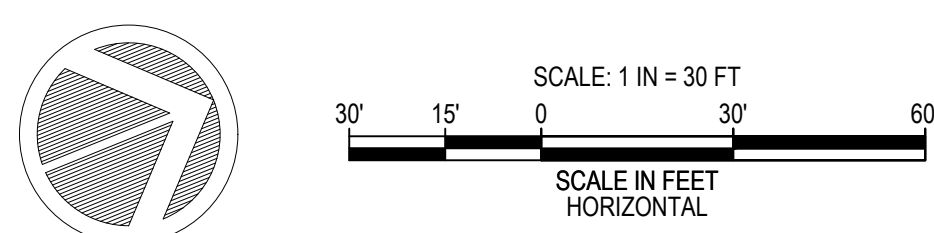
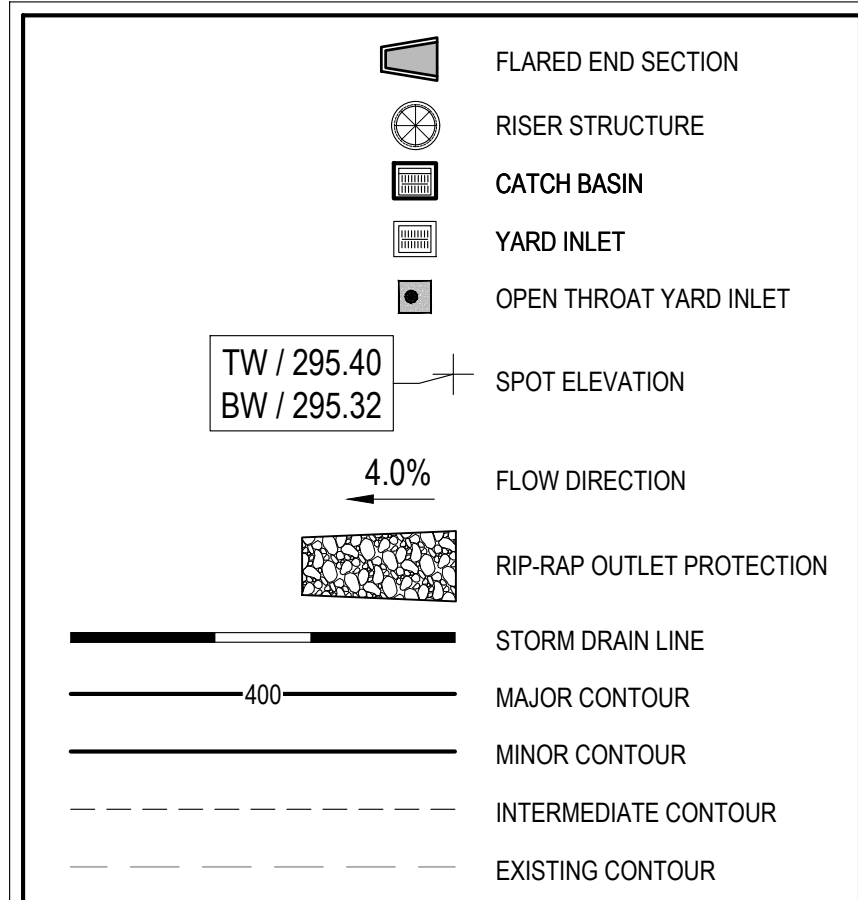
GRADING & DRAINAGE NOTES:

- BEFORE YOU DIG, STOP. CALL THE NC ONE-CALL CENTER AT 1-800-632-4949. IT'S THE LAW. EXISTING UTILITIES ARE SHOWN FROM THE BEST AVAILABLE INFORMATION AND ARE APPROXIMATE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THESE AND OTHER UTILITIES BEFORE STARTING CONSTRUCTION. NOTIFY UTILITY LOCATING COMPANY (ONE CALL @ 1-800-632-4949) OR INDIVIDUAL UTILITY OWNERS FOR UNDERGROUND LOCATIONS AT LEAST 48 HOURS IN ADVANCE.
- ALL UTILITY WORK WITHIN THE PUBLIC RIGHT OF WAY OR PUBLIC EASEMENTS SHALL BE TO TOWN OF HARRISBURG STANDARDS AND SPECIFICATIONS.
- ALL STORM DRAINAGE WITHIN THE RIGHT OF WAY SHALL BE PUBLIC. ALL STORM DRAINAGE OUTSIDE THE RIGHT OF WAY SHALL BE PRIVATE.
- STORM DRAINAGE PIPING SHALL BE CLASS III RCP UNLESS OTHERWISE NOTED. STORM DRAINAGE WITH LESS THAN 2' OF COVER MEASURED FROM SUBGRADE SHALL BE CLASS IV RCP.
- PRIVATE UTILITIES (POWER, TELEPHONE, NATURAL GAS, CABLE TV) ARE NOT SHOWN ON THIS PLAN. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THOSE UTILITIES WHEN INSTALLING STORM DRAINAGE TO AVOID CONFLICTS.
- RIM ELEVATION FOR YARD INLETS (YI) REFERS TO THE CENTER OF THE TOP OF GRATE. RIM ELEVATION OF MANHOLES (SDMH) REFERS TO THE CENTER OF THE TOP OF MANHOLE COVER. RIM ELEVATION OF CATCH BASINS (CB) REFERS TO THE CENTER, EDGE OF PAVEMENT GRATE ELEVATION. RIM OF CURB INLETS (CI) REFERS TO THE TOP OF SLAB, EDGE OF PAVEMENT ELEVATION.
- CUT/FILL SLOPES SHALL BE GRADED AT A MAXIMUM OF 3H:1V UNLESS OTHERWISE INDICATED.
- NO GRADING EQUIPMENT SHALL BE PERMITTED ON-SITE UNTIL A LAND DISTURBANCE PERMIT HAS BEEN ISSUED BY WAKE COUNTY.
- ALL RIP-RAP IS TO BE INSTALLED WITH NON-WOVEN FILTER FABRIC BENEATH (MIRAFI 140N OR APPROVED EQUAL).
- WHERE PROPOSED EDGE OF PAVEMENT CONNECTS TO EXISTING, CONTRACTOR SHALL MATCH EXISTING ELEVATION AND CREATE A SMOOTH TRANSITION.
- MANHOLES, CLEANOUTS, VALVES, METERS, AND OTHER ABOVE GRADE APPURTENANCES SHALL NOT BE INSTALLED IN SIDEWALKS. IF INSTALLED IN SIDEWALKS, THEY SHOULD HAVE FLUSH, PEDESTRIAN FRIENDLY LIDS.
- YARD INLETS IN PEDESTRIAN/PATIO AREAS TO RECEIVE PEDESTRIAN FRIENDLY GRATES.
- ALL SPOT ELEVATIONS ARE AT EDGE OF PAVEMENT OF FINISHED GRADE UNLESS OTHERWISE NOTED.



1
C-5.0
STORM OUTFALL INSET
SCALE: 1" = 30'

GRADING & DRAINAGE LEGEND



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FILE NO: 2024-048	ORIG. SHEET SIZE: 24 x 36

PROFESSIONAL'S SEAL
PRELIMINARY
FOR REVIEW ONLY
026970
ENGINEER
DONALD L. CURRY, JR.

CONSULTANT

Curry
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CLIENT

PruittHealth

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Toccoa, GA 30577
Pruitt Properties, Inc.
1626 Jurgens Court
Norcross, GA 30093

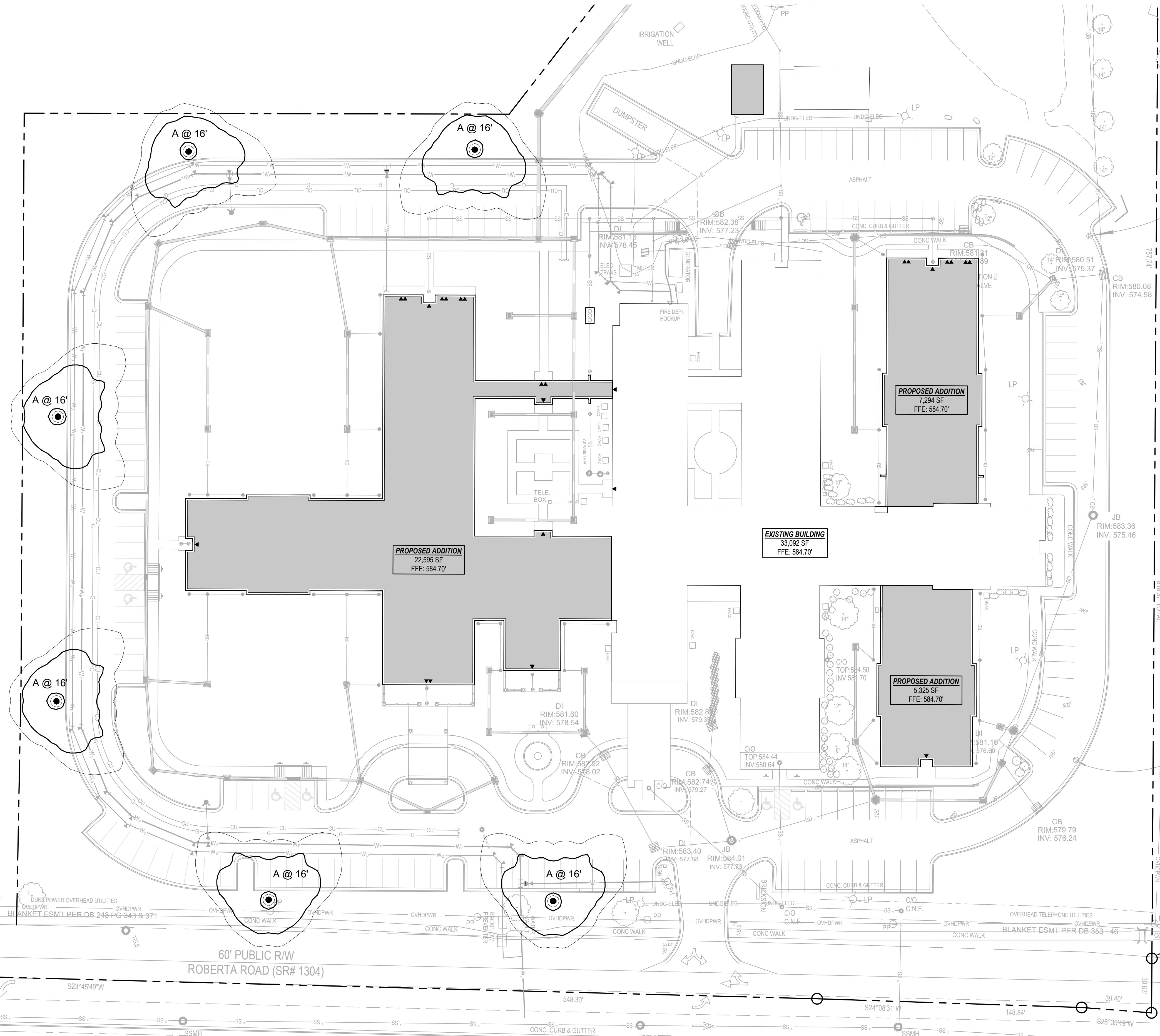
CONSTRUCTION DRAWINGS

PRUITT TOWN CENTER EXPANSION

GRADING & DRAINAGE PLAN

C-5.0

Z:\PROJECTS\FOLDER_ZEBU\CON\2024\2024-048 PRUITT TOWN CENTER 59 BED EXPANSION - HARRISBURG\PLANS\SITE PLAN\SHEET FLESC6.0 LIGHTING PLAN.DWG
PLOTTED: 9/10/2025 11:52 AM



LIGHTING NOTES:

1. ALL LIGHT POLES AND FIXTURES SHALL BE BLACK.
2. THE MAXIMUM LIGHT LEVEL PERMITTED WITHIN THE PARCEL SHALL NOT EXCEED FIFTEEN (15) HORIZONTAL FOOT CANDLES.
3. THE MAXIMUM LIGHT LEVEL PERMITTED ON LOT LINES SHALL NOT EXCEED 0.5 HORIZONTAL FOOT CANDLES. HOWEVER THE MAXIMUM LIGHTING LEVEL PERMITTED AT THE INTERNAL EDGE OF A BUFFER LINE ADJOINING A RESIDENTIAL ZONED PROPERTY SHALL BE 0.5 HORIZONTAL FOOT CANDLES.
4. LIGHTING WITHIN OR ALONG NCDOT RIGHT OF WAY IS SUBJECT TO APPROVAL BY NCDOT.

PROPRIETARY & CONFIDENTIAL

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LIGHTING DESIGN TOLERANCE

The calculated footcandle light levels in this lighting design are predicted values and are based on specific information that has been supplied to Duke Energy. Any inaccuracies in the supplied information, differences in luminaire installation, lighted area geometry including elevation differences, reflective properties of surrounding surfaces, obstructions (foliage or otherwise) in the lighted area, or lighting from sources other than listed in this design may produce different results from the predicted values. Normal tolerances of voltage, lamp output, and ballast and luminaire manufacture will also affect results.

Outdoor Lighting
Shoebox LED



The energy-efficient Shoebox LED contains a decorative, contemporary style with versatility and ample lighting effect that is perfect for streets, parking lots, commercial buildings and residential communities. The Shoebox LED provides excellent color rendition along with a controlled light pattern that reduces glare and keeps the light directed only where you want it. Available in black, dark bronze, gray or white with one to four fixtures per pole.

LED (Light Emitting Diode)	150, 220, 420, 530 watts
Mounting heights	25', 30', 35'
Colors	Black Bronze Gray White
Poles	Fiberless (1 or 2 fixtures per pole) Decorative tapered metal Decorative square metal

Note: 35' pole available in black or bronze only.

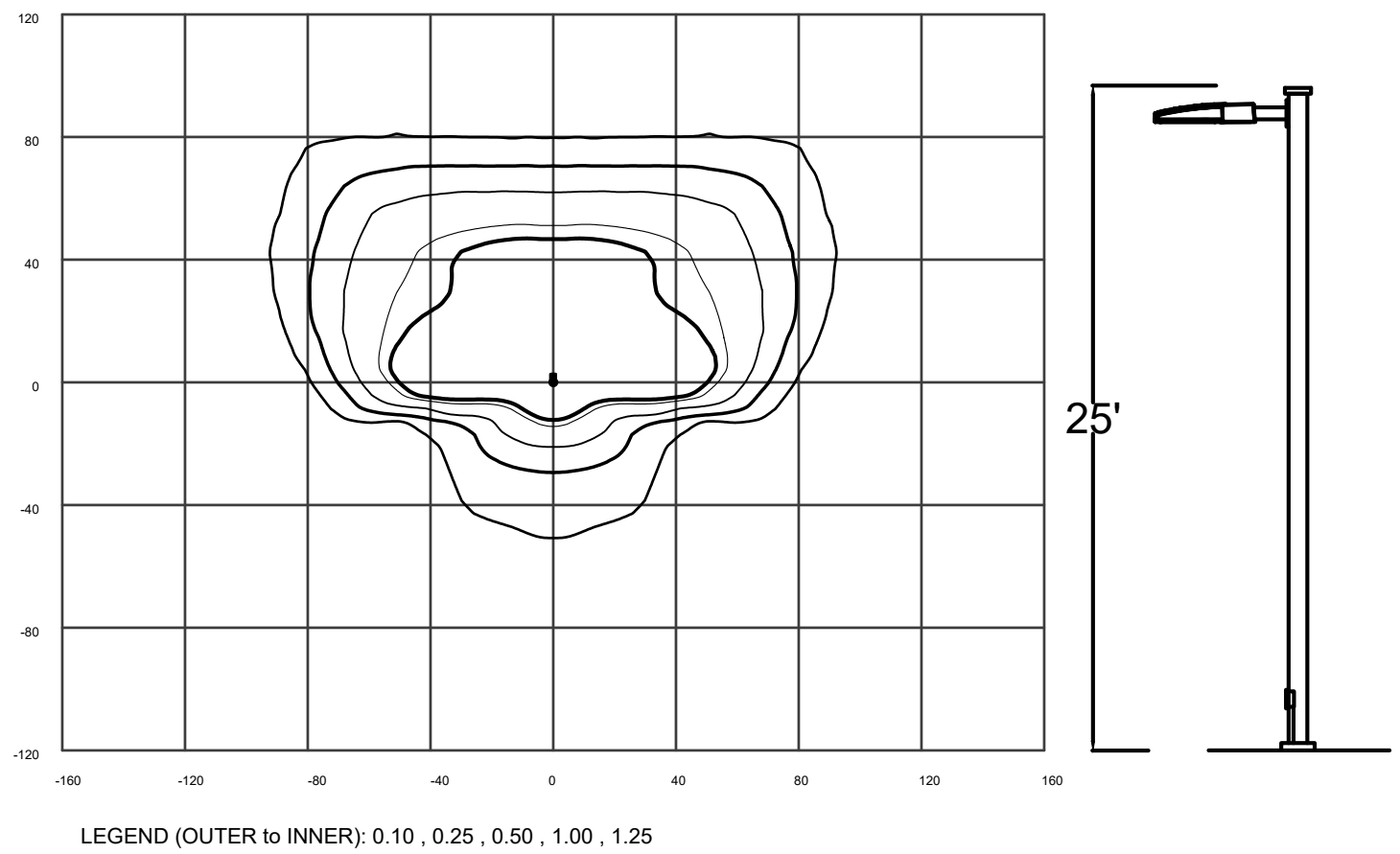
For additional information, visit us at duke-energy.com/OutdoorLighting or call us toll free at 866.769.6417.



ISOFOOTCANDLE CURVES

FIXTURE: LED150W SHOEBOX
MOUNTING HEIGHT: 25 FT
LIGHT SOURCE: LED'S, 4000K, 70 CRI
LUMENS - 18459
PATTERN: TYPE IV B3-U0-G4 (zero light at or above 90 degrees)
NOTE: THE FOOTCANDLE READINGS BELOW ARE MAINTAINED AND HAVE BEEN DEPRECIATED FOR LED LUMEN DEPRECIATION AND LUMINAIRE DIRT DEPRECIATION. FOR INITIAL FOOTCANDLES, DIVIDE THE READINGS BELOW BY .85.

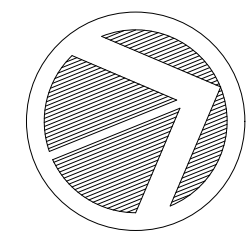
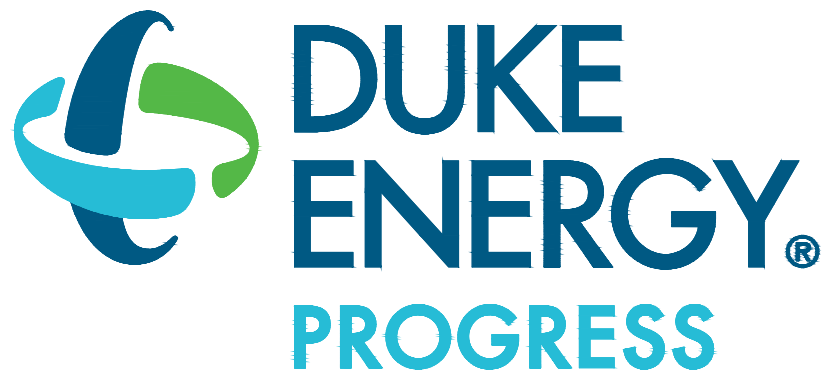
ASSY# LFIX-SBX-LED-150-BLK-IV-MULTI-___P
POLE ASSY# LP-LE-AB-STL-25FT-BLK-SQ-___P (BLACK)
BRACKET ASSY# LBKT-SIDE-12IN-BLK-UNV-STL-___P (BLACK)



Statistics

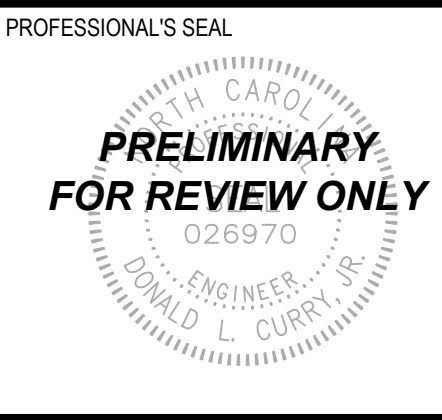
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Parking	✱	1.4 fc	3.1 fc	0.4 fc	7.8:1	3.5:1

Symbol	Label	Quantity	Description	Number Lamps	Lumens Per Lamp	Light Loss Factor
✱	A	6	LED 150w Shoebox - Type IV - 4000K	48	385	0.85



SCALE: 1 IN = 30 FT
SCALE IN FEET
HORIZONTAL

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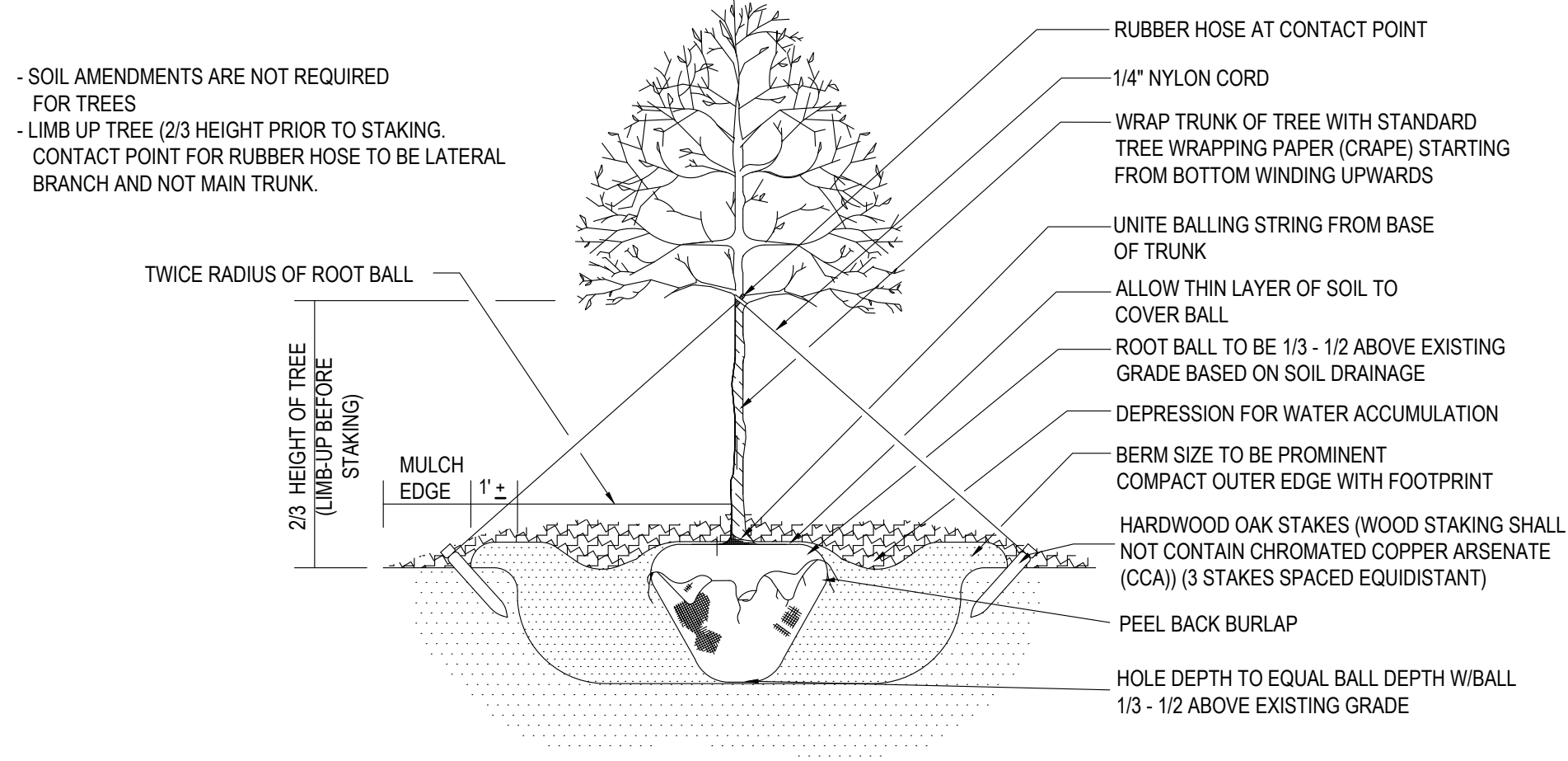


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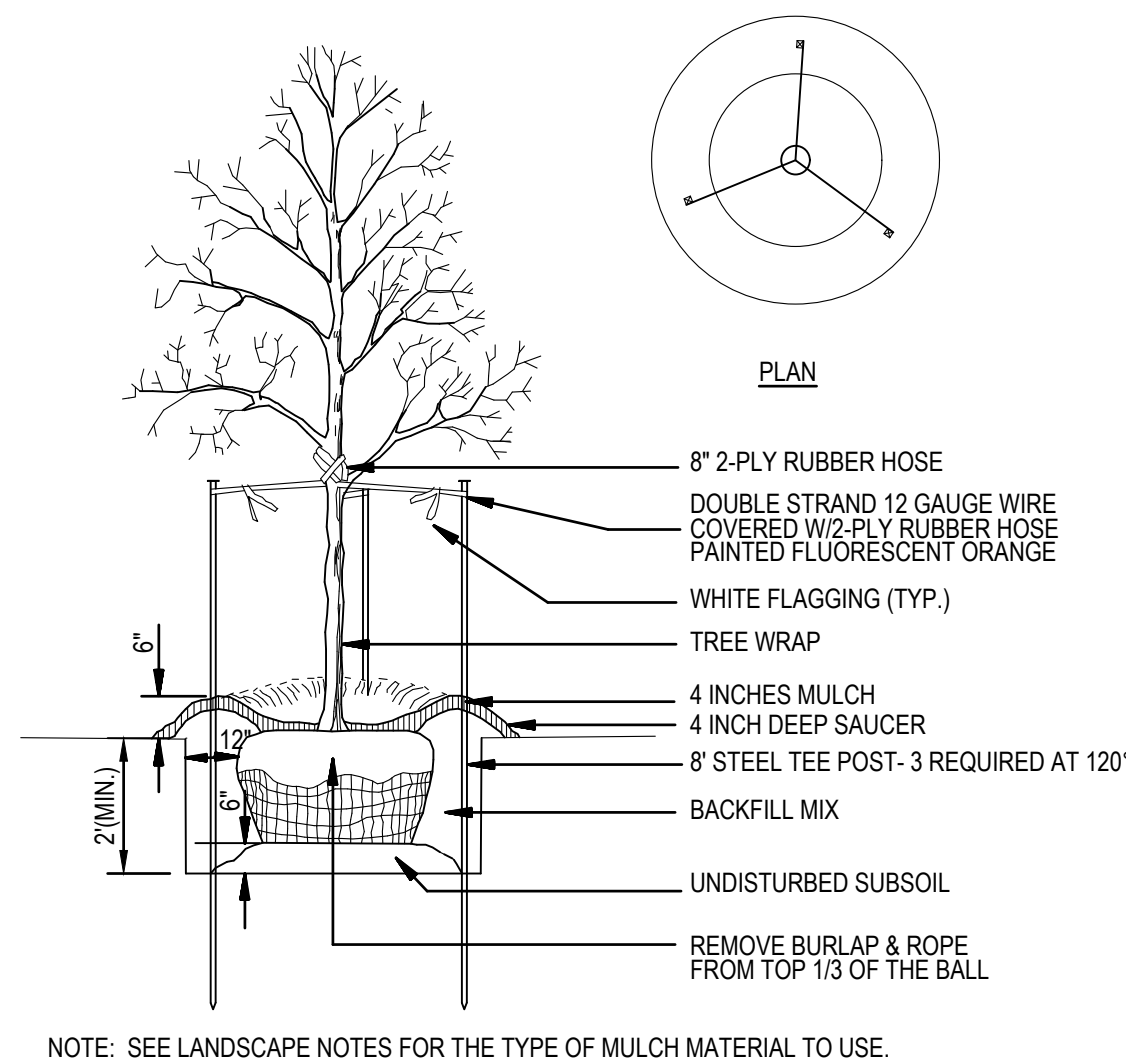
The Heritage Properties at
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Toccoa, GA 30577
Pruitt Properties, Inc.
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Norcross, GA 30093

CONSTRUCTION DRAWINGS
PRUITT TOWN CENTER EXPANSION
LIGHTING PLAN

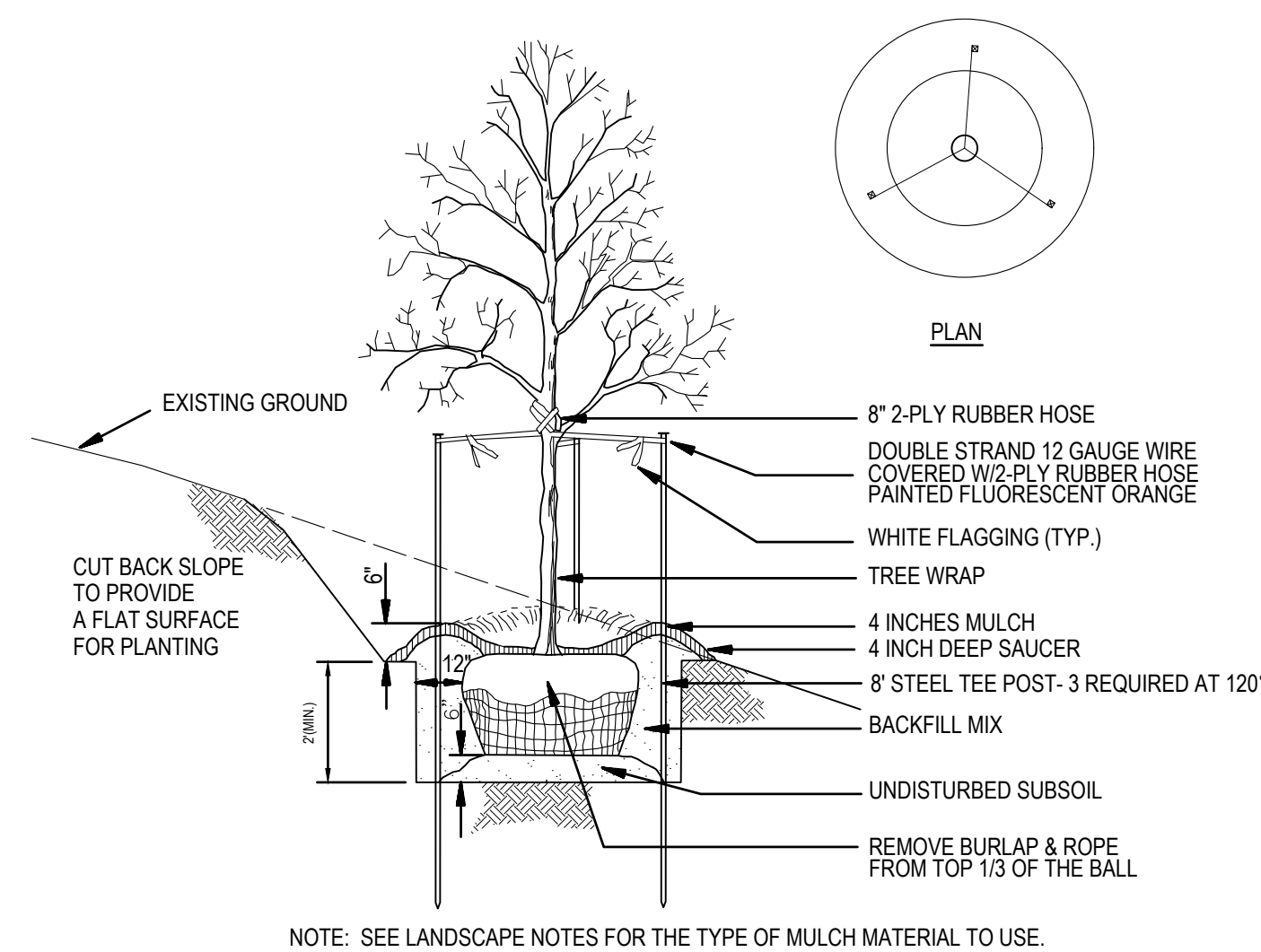
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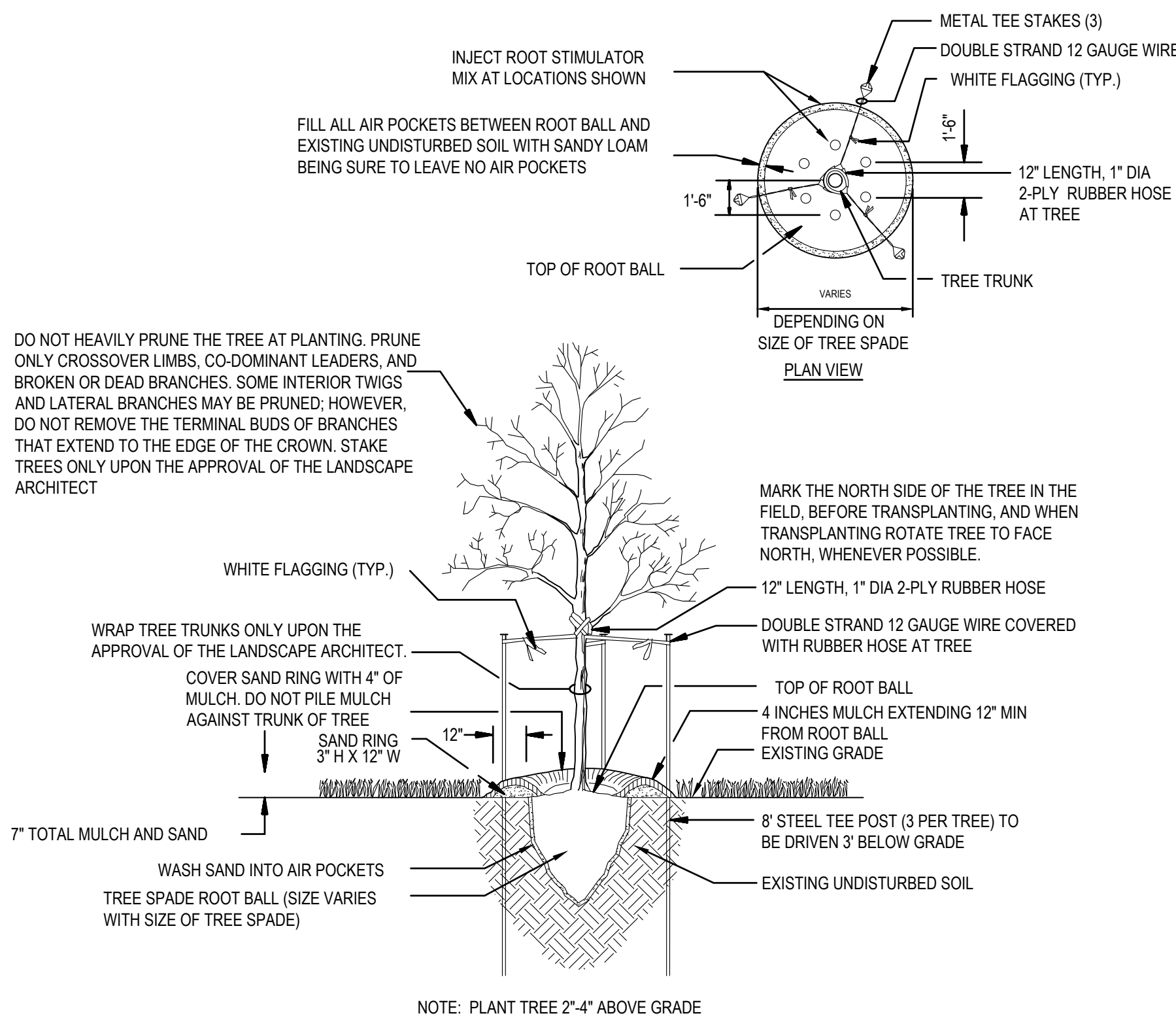
1 TREE STAKING & PLANTING DETAIL
L-2.0 SCALE: NTS



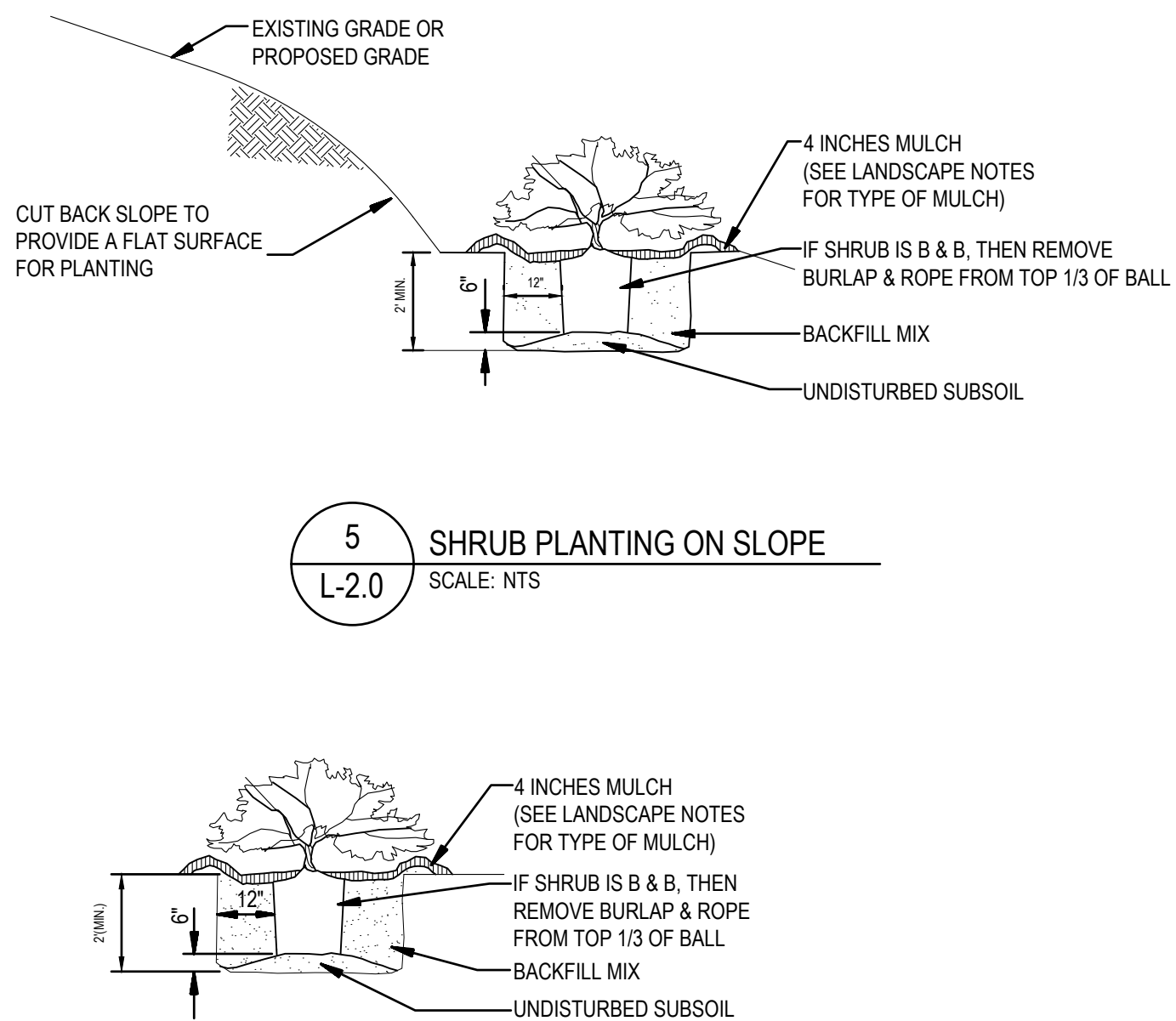
2 TREE PLANTING
L-2.0 SCALE: NTS



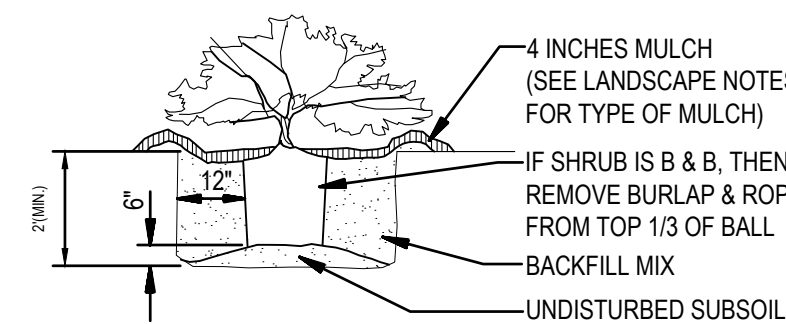
3 TREE PLANTING ON SLOPE
L-2.0 SCALE: NTS



4 MACHINE DUG TREE PLANTING
L-2.0 SCALE: NTS



5 SHRUB PLANTING ON SLOPE
L-2.0 SCALE: NTS

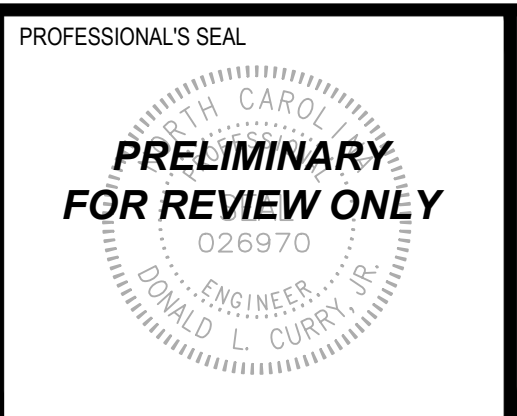


6 SHRUB PLANTING
L-2.0 SCALE: NTS

- NOTE:
1. PLANT TREES WITH A MINIMUM CALIPER OF TWO INCHES MEASURED SIX INCHES ABOVE THE GROUND AND A ROOT BALL NO SMALLER THAN TWO FEET IN DIAMETER AND 16 INCHES IN DEPTH.
 2. THE BEST TIMES FOR PLANTING ARE EARLY SPRING AND EARLY FALL. TREES PLANTED IN IN THE SUMMER RUN THE RISK OF DEHYDRATION.
 3. PLANT ALL TREES AT LEAST THREE-AND-A-HALF FEET FROM THE END OF HEAD-IN PARKING SPACES IN ORDER TO PREVENT DAMAGE FROM CAR OVERHANGS.
 4. DIG THE TREE PIT AT LEAST TWO FOOT WIDER THAN THE ROOT BALL AND AT LEAST SIX INCHES DEEPER THAN THE BALL VERTICAL DIMENSION.
 5. ESPECIALLY IN AREAS WHERE CONSTRUCTION ACTIVITY HAS COMPACTED THE SOIL, THE BOTTOM OF THE PIT SHOULD BE SCARIFIED OR LOOSENED WITH A PICK AX OR SHOVEL.
 6. AFTER THE PIT IS DUG, OBSERVE SUB-SURFACE DRAINAGE CONDITIONS. WHERE POOR DRAINAGE EXISTS, THE TREE PIT SHOULD BE DUG AT LEAST AN ADDITIONAL TWELVE INCHES WIDER AND THE SOIL AMENDED TO ALLOW ROOTS GROW PROPERLY.
 7. BACKFILL SHOULD INCLUDE A PROPER MIX OF SOIL AND FERTILIZER. ALL ROOTS MUST BE COMPLETELY COVERED. BACKFILL SHOULD BE THOROUGHLY WATERED AS IT IS PLACED AROUND THE ROOTS.
 8. IMMEDIATELY AFTER IT IS PLANTED, THE TREE SHOULD BE SUPPORTED WITH STAKES AND STRAPS TO FIRMLY HOLD IT IN PLACE AS ITS ROOT SYSTEM BEGINS TO DEVELOP. REMOVE STAKES AND TIES AFTER ONE YEAR.
 9. SPREAD AT LEAST THREE INCHES OF MULCH OVER THE ENTIRE EXCAVATION IN ORDER TO RETAIN MOISTURE AND KEEP DOWN WEEDS. AN ADDITIONAL THREE-INCH SAUCER AND MULCH SHOULD BE PROVIDED TO FORM A BASIN AROUND THE TRUNK OF THE TREE. THIS SAUCER HELPS CATCH AND RETAIN MOISTURE.
 10. CONSCIENTIOUS POST-PLANTING CARE, ESPECIALLY WATERING, PRUNING AND FERTILIZING, IS A MUST FOR STREET AND PARKING LOT TREES. PRUNE OFF BROKEN OR DAMAGED BRANCHES.

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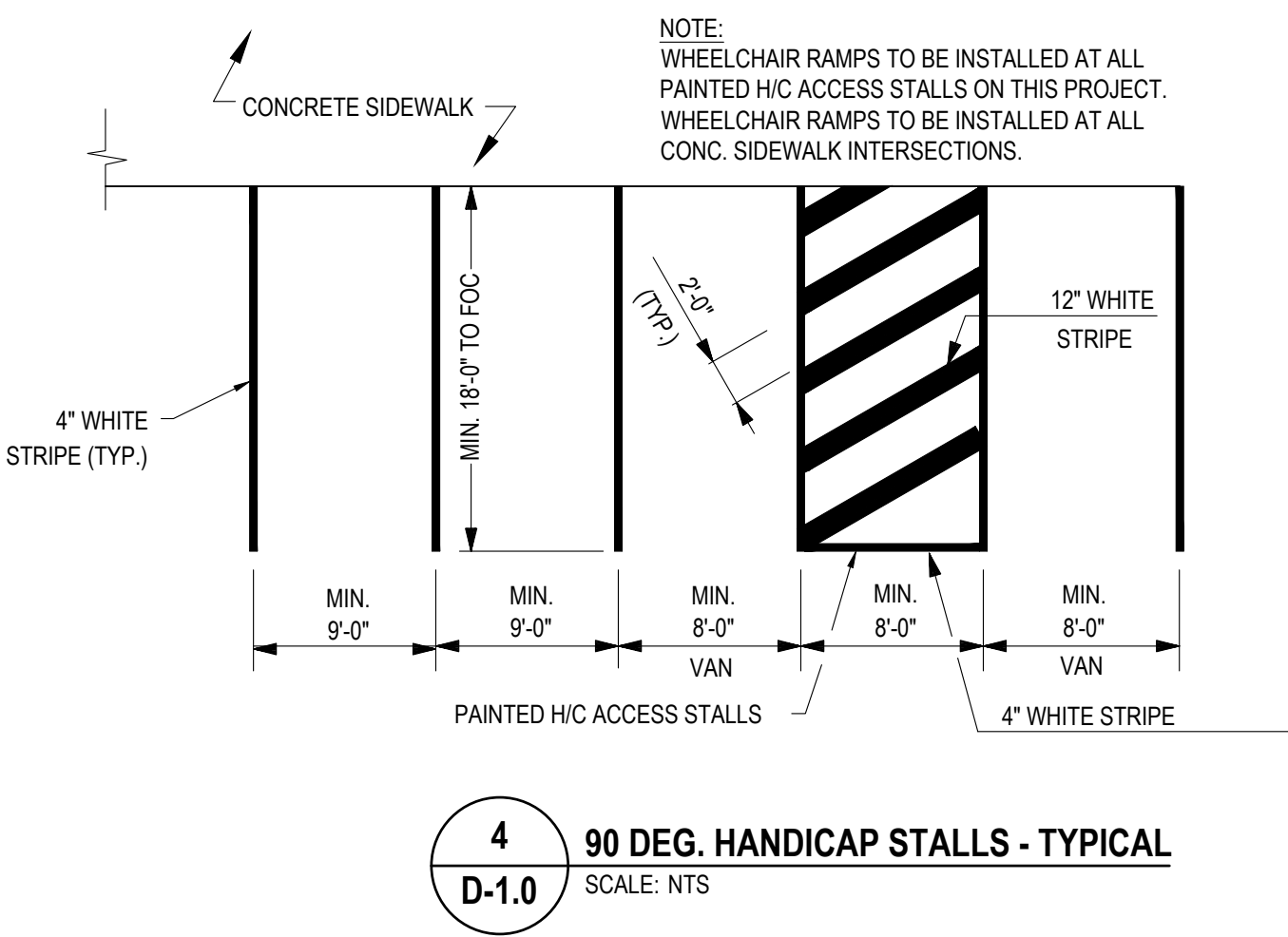
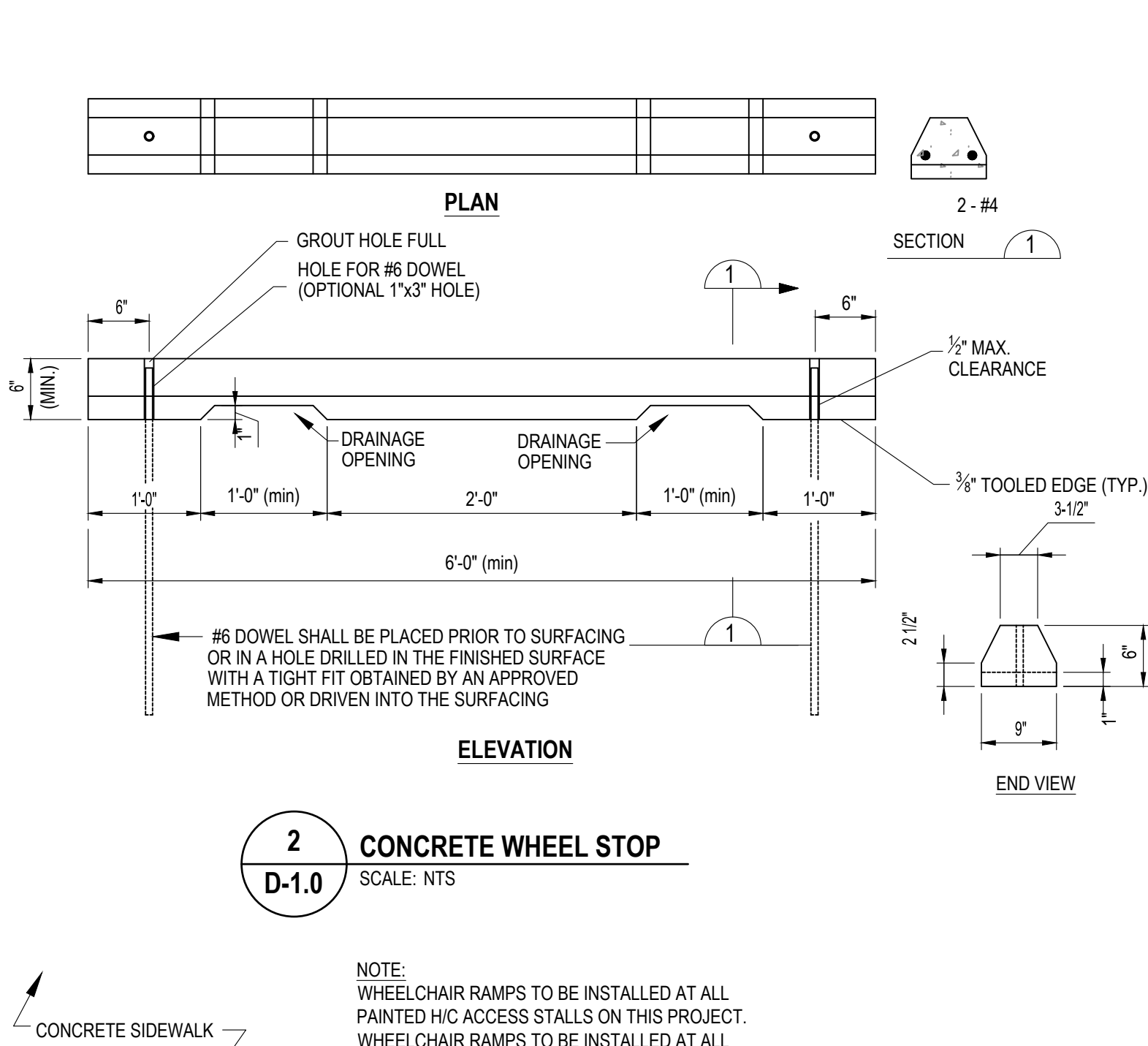
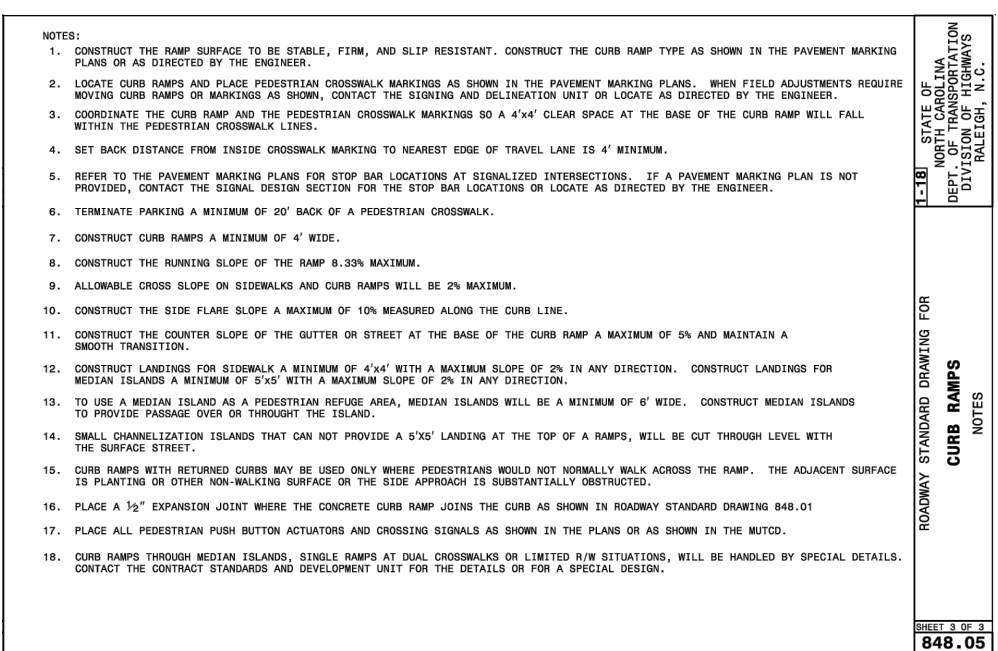
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CONSTRUCTION DRAWINGS

PRUITT TOWN CENTER EXPANSION

LANDSCAPE DETAILS

L-2.0



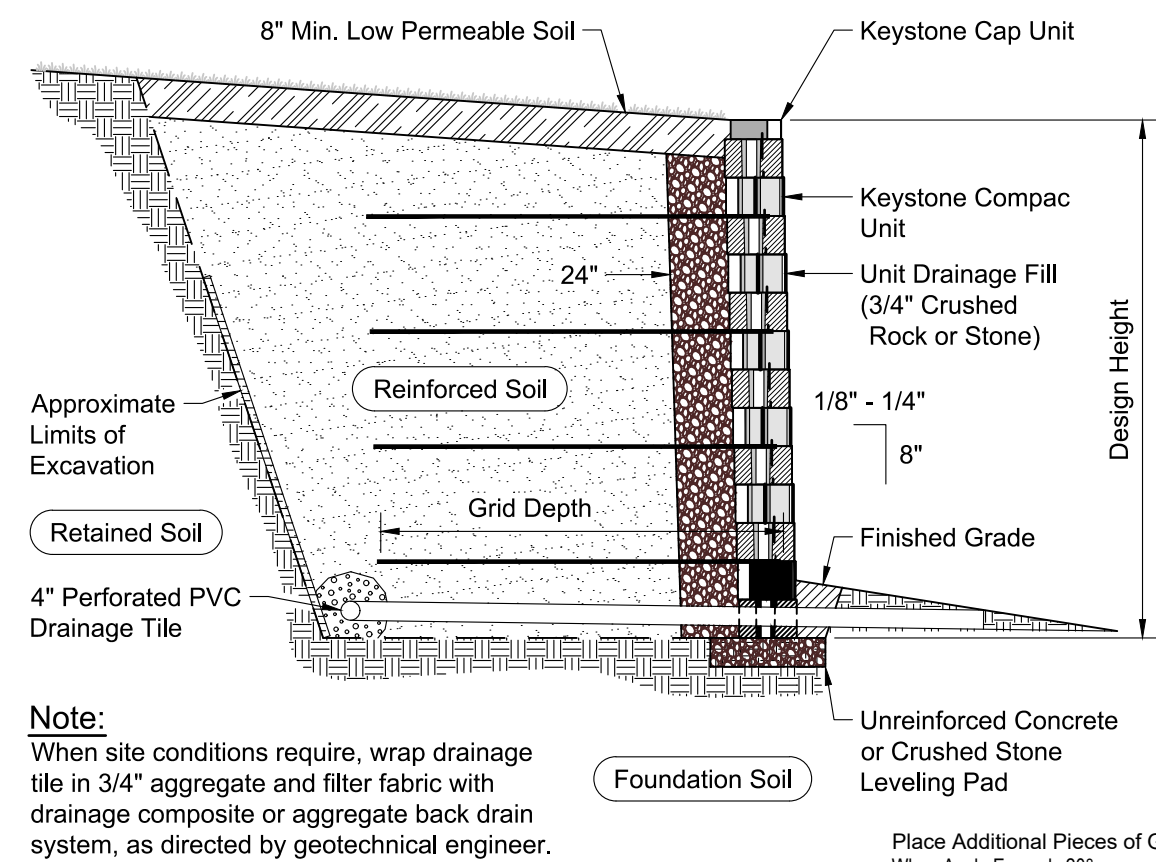
CONSTRUCTION DRAWINGS

PRUITT TOWN CENTER EXPANSION

SITE DETAILS I

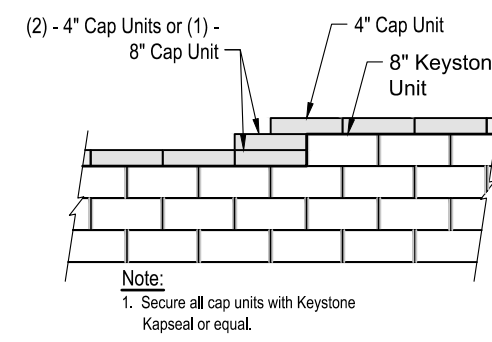
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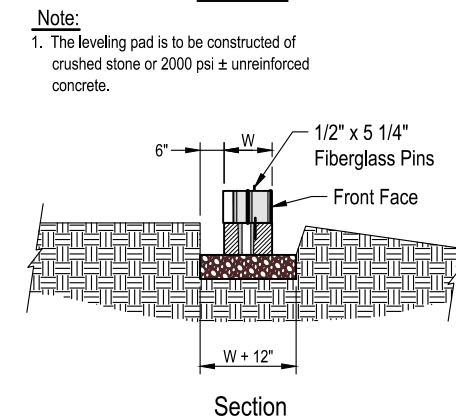
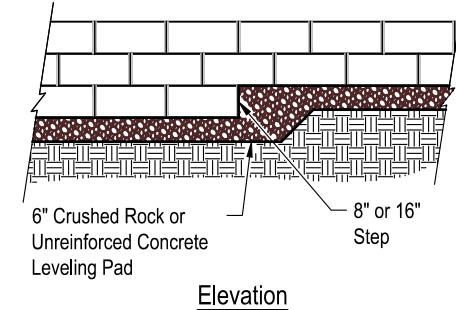


Note:
When site conditions require, wrap drainage tile in 3/4\"/>

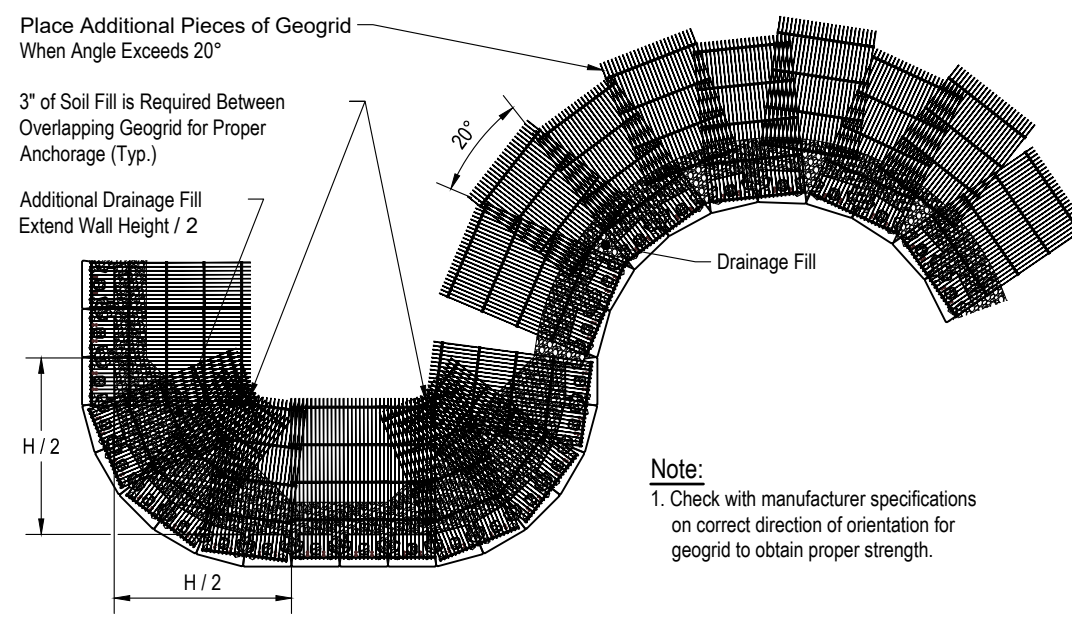
Typical Reinforced Wall Section
Compac Unit - Near Vertical Setback



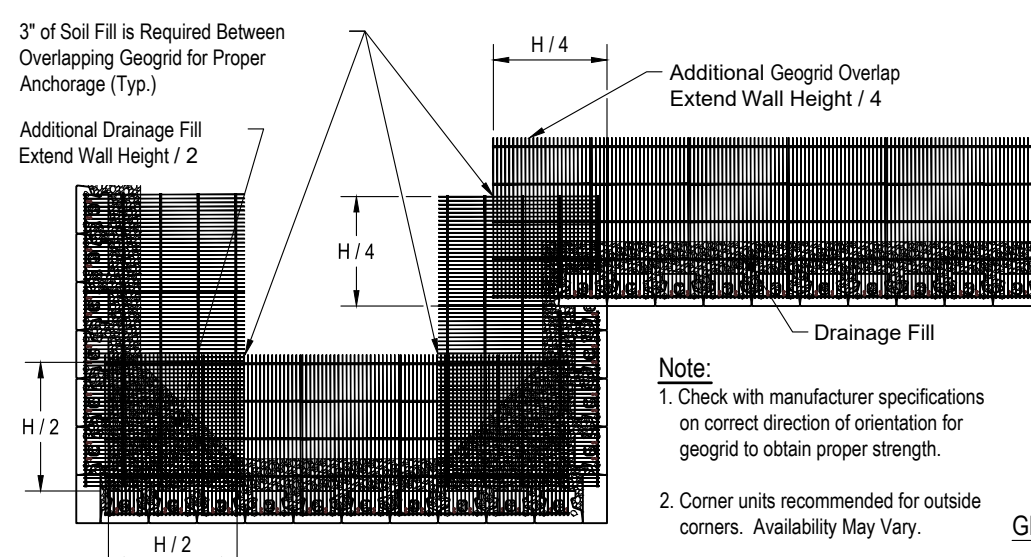
Top of Wall Steps



Leveling Pad Detail



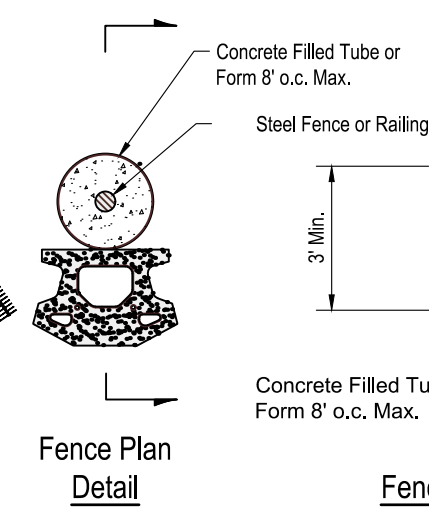
Geogrid Installation on Curves



Geogrid Installation at Corners

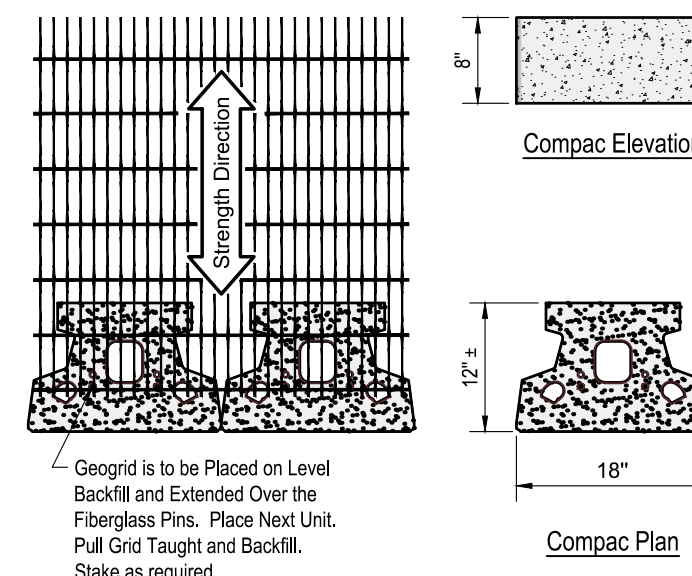
1
D-1.2 **RETAINING WALL DETAILS**
SCALE: NTS

Note:
Concrete filled tube or form to be set during the wall construction, not drilled through geogrid afterwards, when directly behind units.



Fence Plan Detail

Fence Section & Plan Detail
Compac Unit - Near Vertical Setback

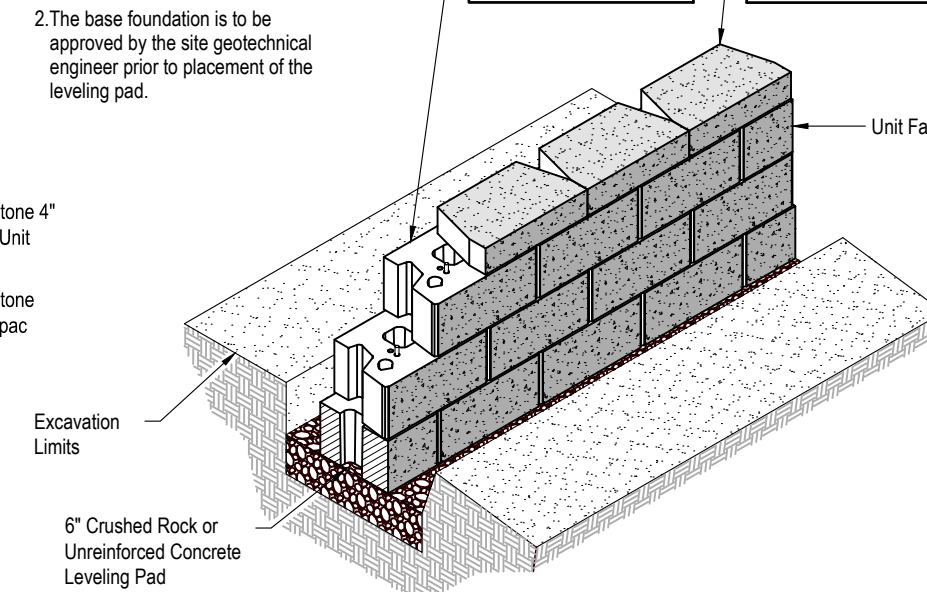


Grid & Pin Connection

Base Leveling Pad Notes:

1. The leveling pad is to be constructed of crushed stone or 2,000 psi unreinforced concrete.
2. The base foundation is to be approved by the site geotechnical engineer prior to placement of the leveling pad.

Compac Unit		Cap Unit	
Width:	18"	Width:	18"
Depth:	12"	Depth:	10 1/2"
Height:	8"	Height:	4"
Weight:	90 lbs	Weight:	50 lbs



Compac Unit/Base Pad Isometric Section View
* Dimensions & Weight May Vary by Region

Compac Elevation

Cap Unit Elevation

Compac Plan

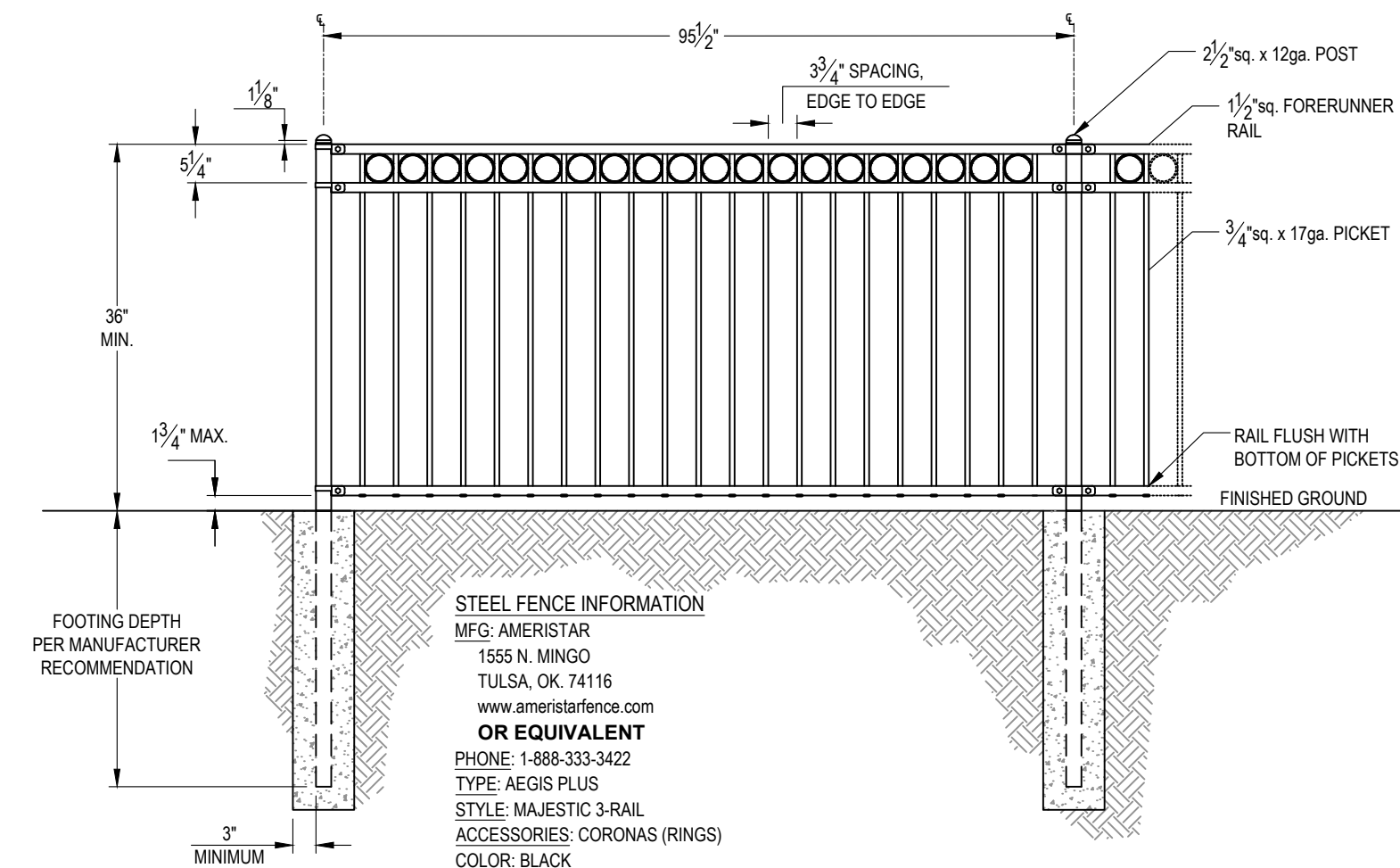
Cap Unit Plan

Compac Unit
* Dimensions May Vary by Region

Straight Split Cap Unit Option
* Dimensions & Availability Will Vary by Region

GENERAL NOTES:

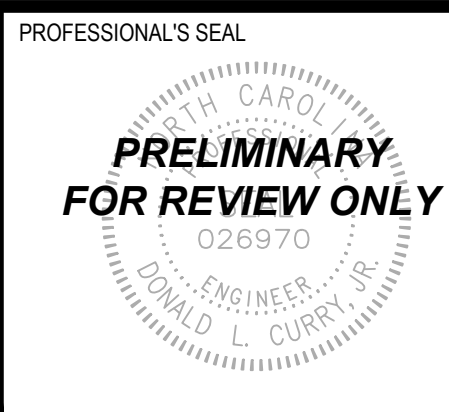
1. RETAINING WALL SHALL BE INTEGRALLY TINTED BROWN, RUST, OR EARTH TONE.
2. DETAILS SHOWN REPRESENT A GENERIC SET OF STANDARDS THAT SHALL BE MET. CONTRACTOR IS REQUIRED TO SUBMIT SHOP DRAWINGS TO THE OWNER FOR APPROVAL PRIOR TO OBTAINING BUILDING PERMIT FROM TOWN OF FUQUAY-VARINA.
3. RETAINING WALL BLOCK SHALL BE KEYSTONE COMPAC HEWNSTONE UNIT OR APPROVED EQUAL.



STEEL FENCE INFORMATION
MFG: AMERISTAR
1555 N. MINCO
TULSA, OK 74116
www.ameristarfence.com
OR EQUIVALENT
PHONE: 1-888-333-3422
TYPE: AEGIS PLUS
STYLE: MAJESTIC 3-RAIL
ACCESSORIES: CORONAS (RINGS)
COLOR: BLACK

2
D-1.2 **RETAINING WALL FALL PROTECTION FENCE**
SCALE: NTS

REVISIONS	
STATUS FOR REGULATORY REVIEW ONLY NOT FOR CONSTRUCTION	
DATE: AUGUST XX, 2025	HORZ. SCALE: N.T.S.
FILE NO: 2024-048	ORIG. SHEET SIZE: 24 x 36



CONSULTANT

Curry
ENGINEERING

EST. 1910
NORTH CAROLINA
NC LIC. NO. P-0799

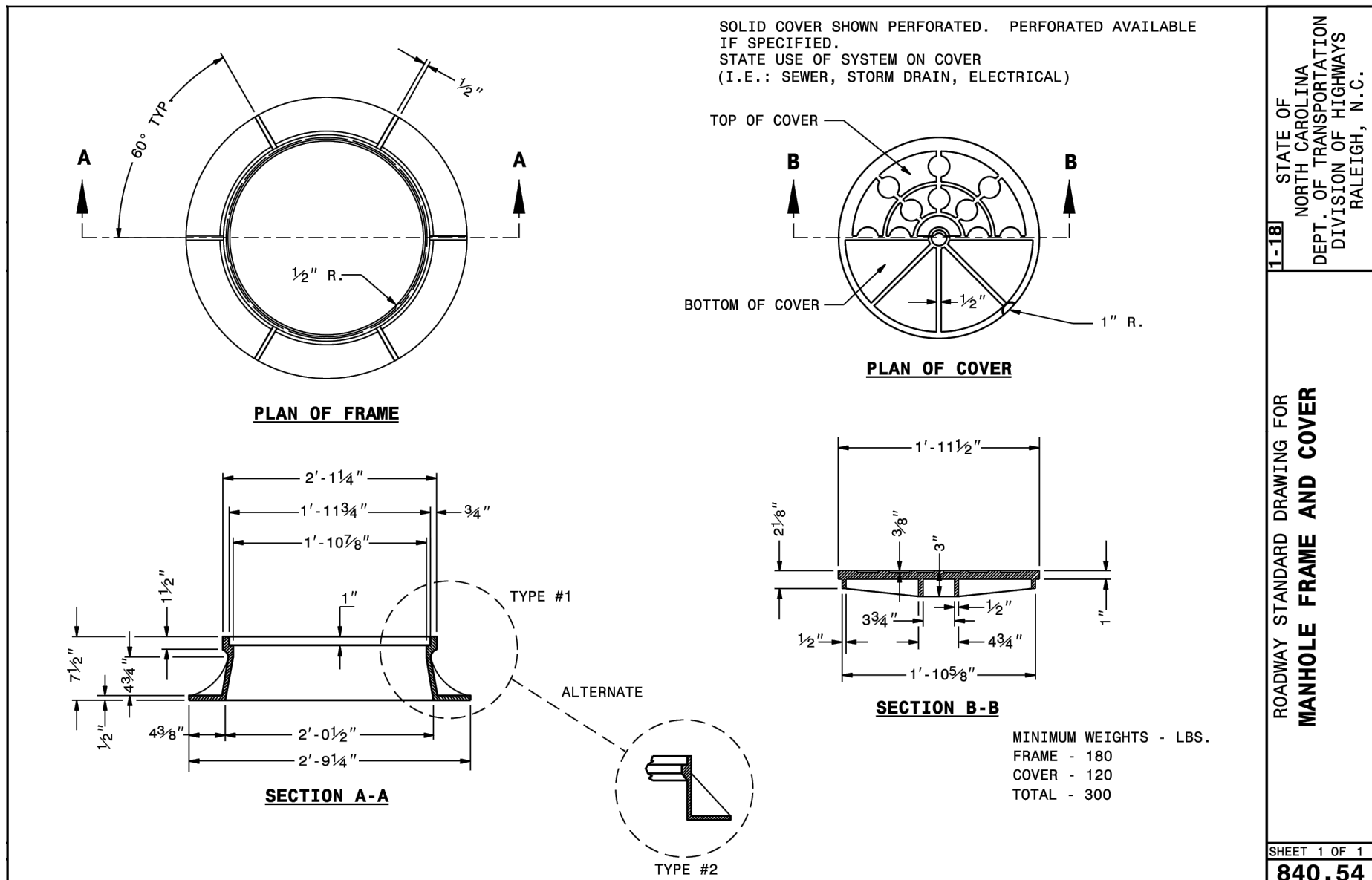
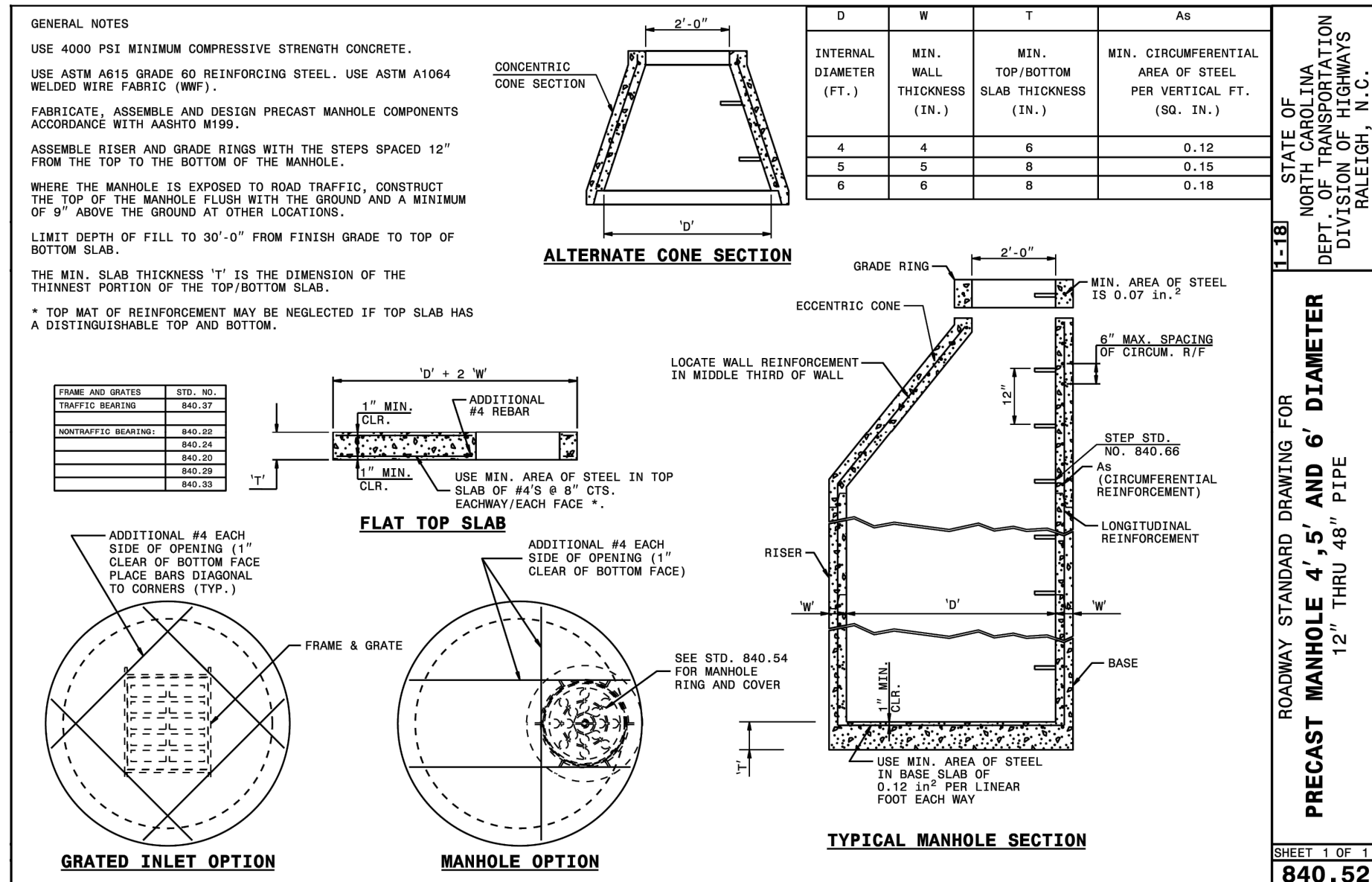
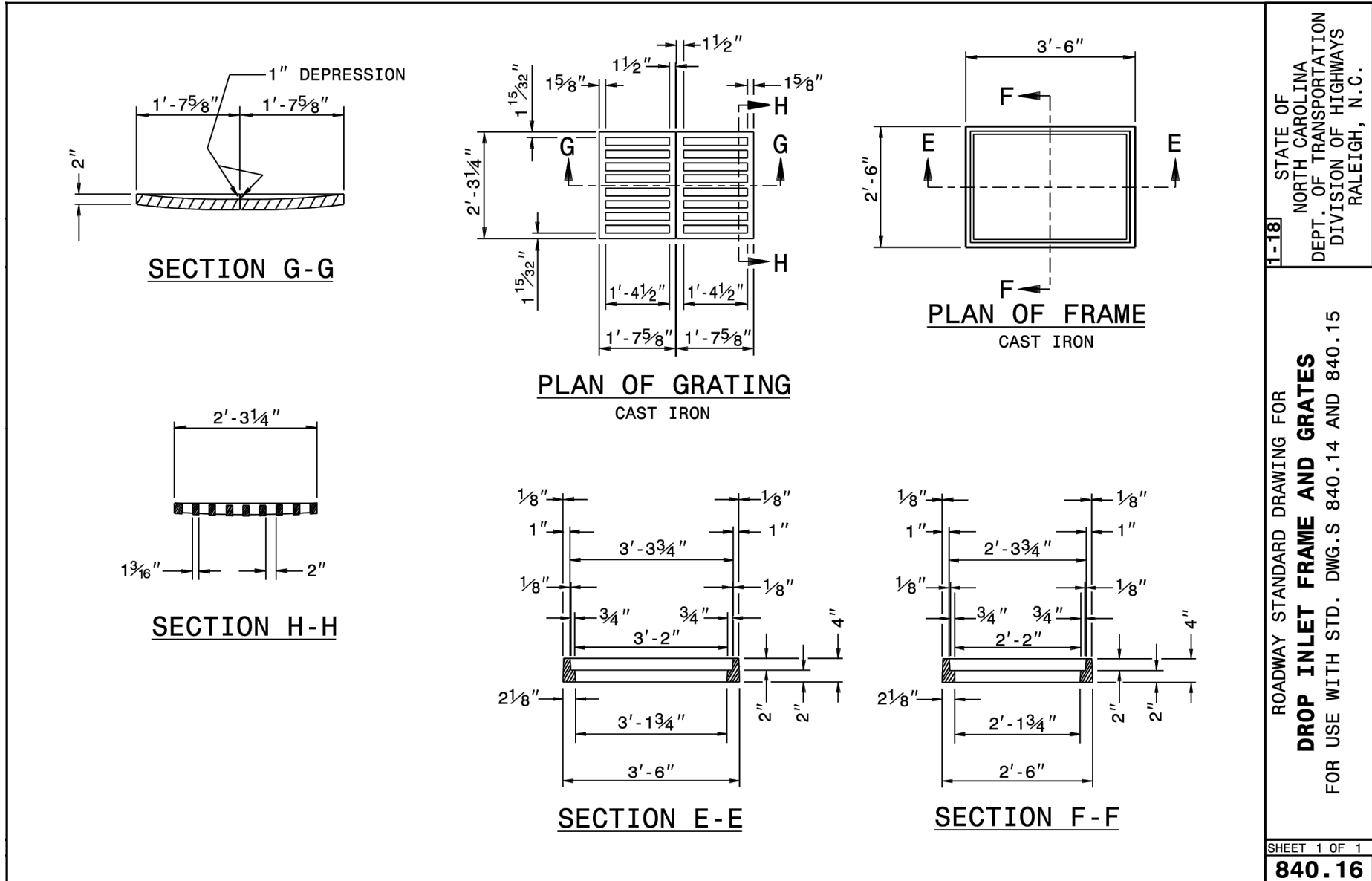
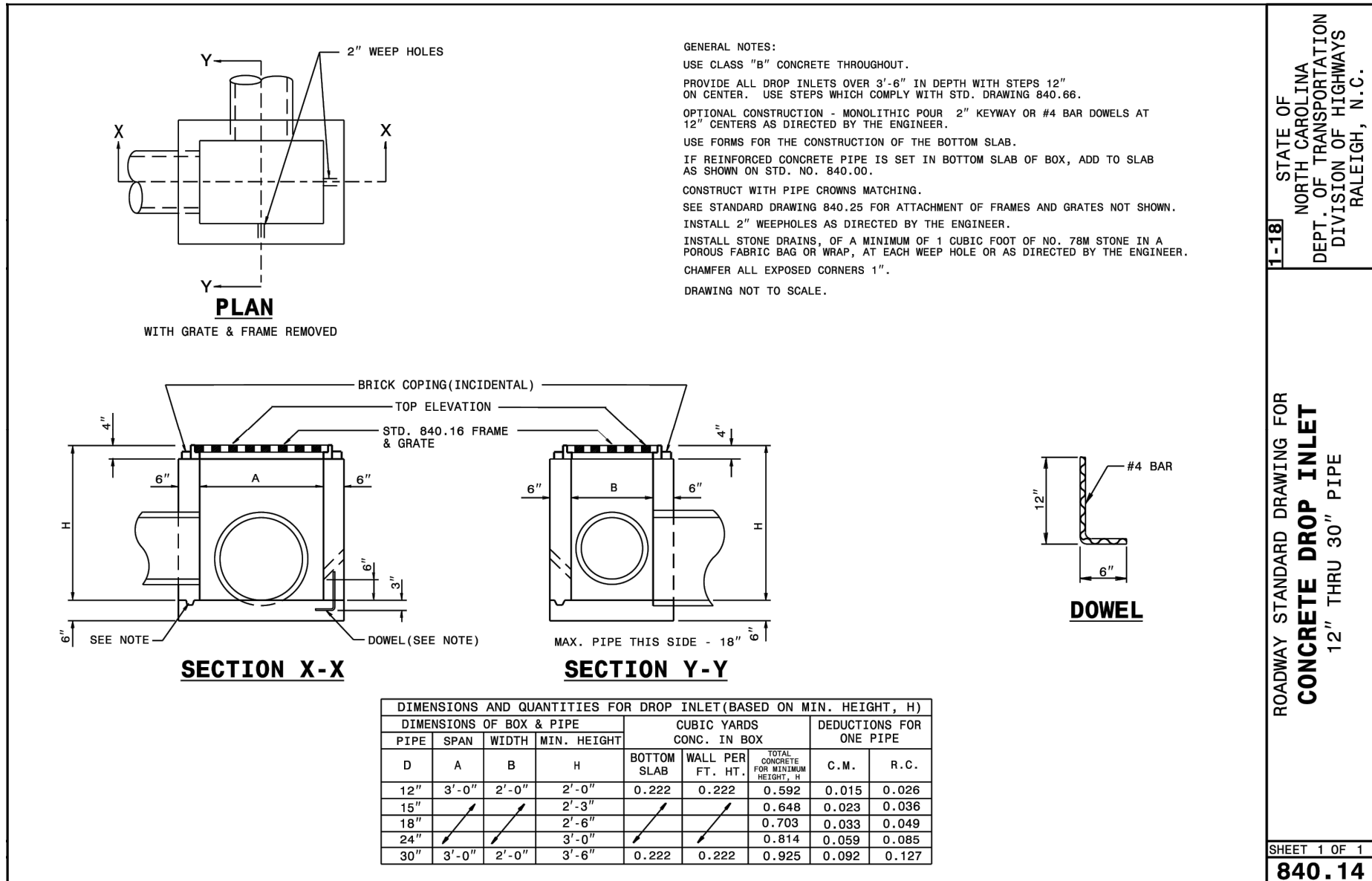
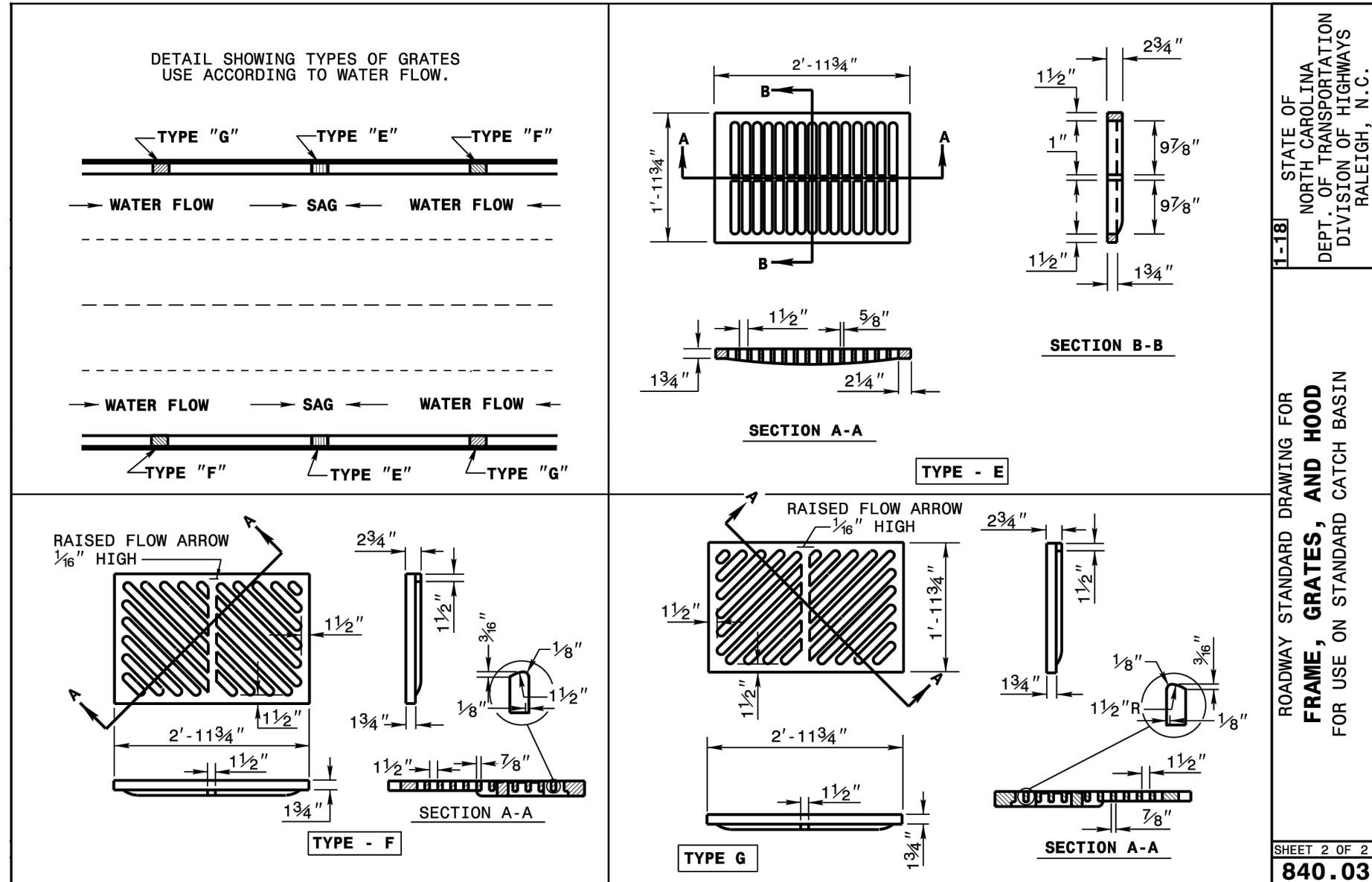
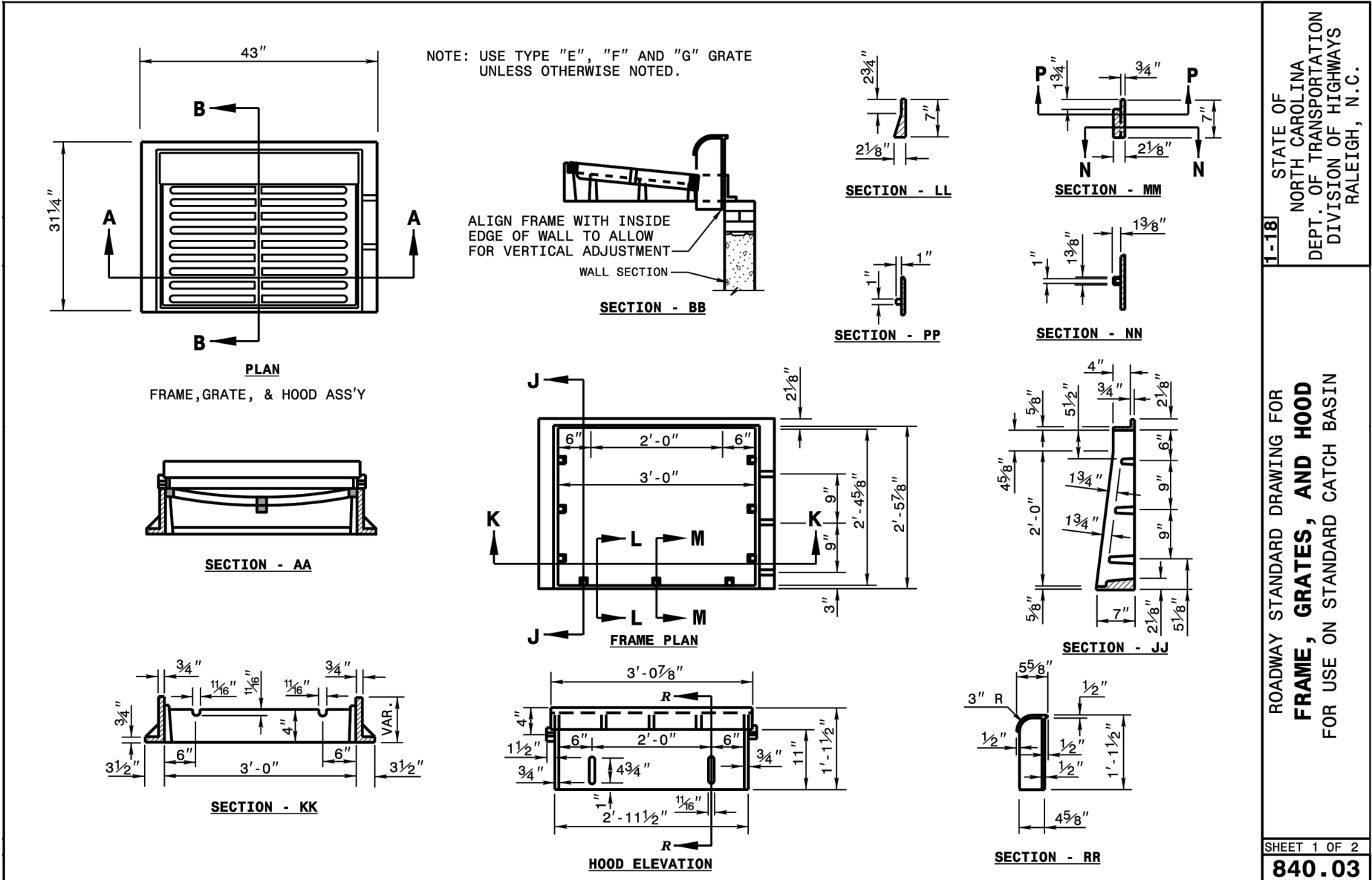
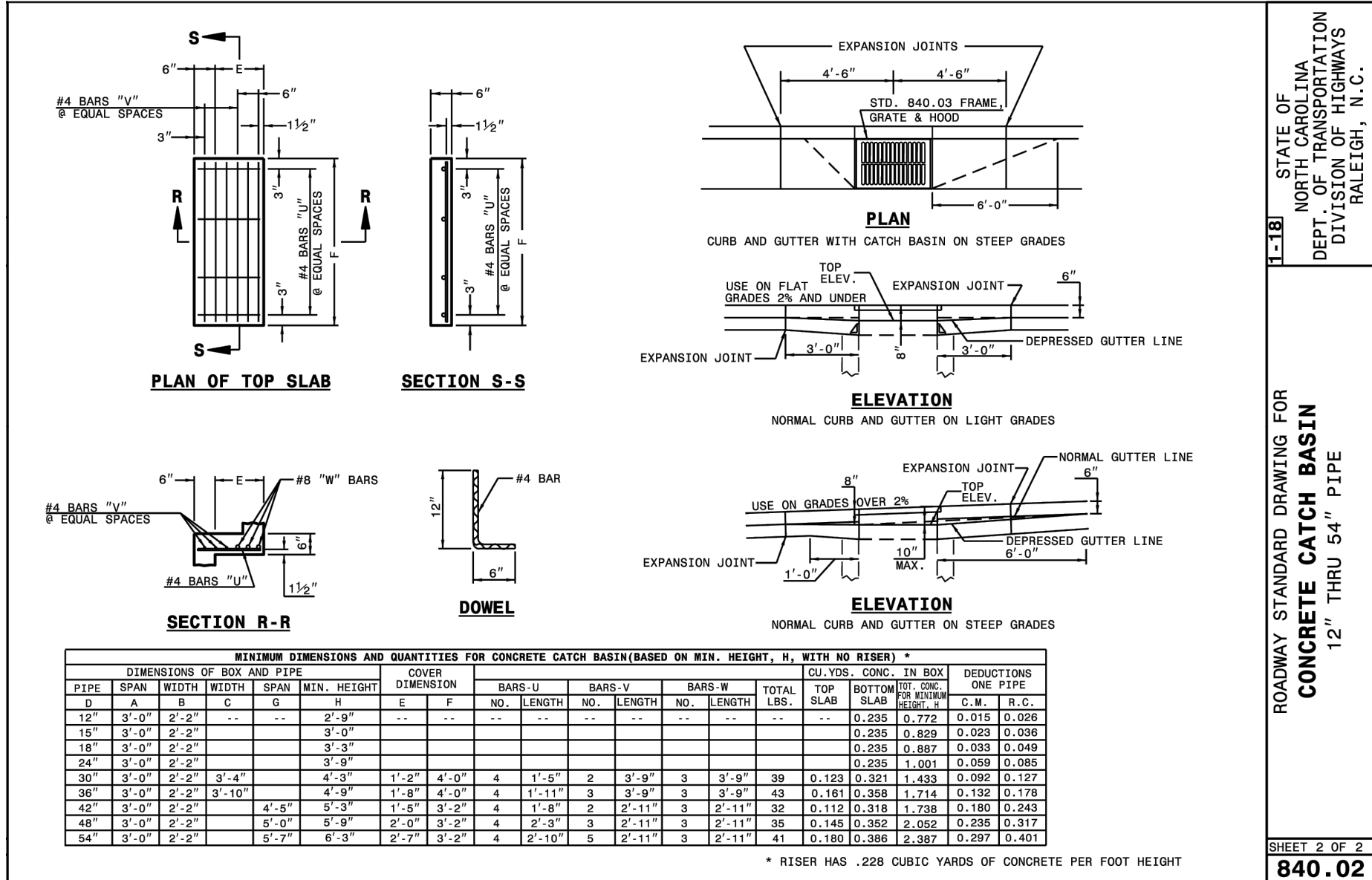
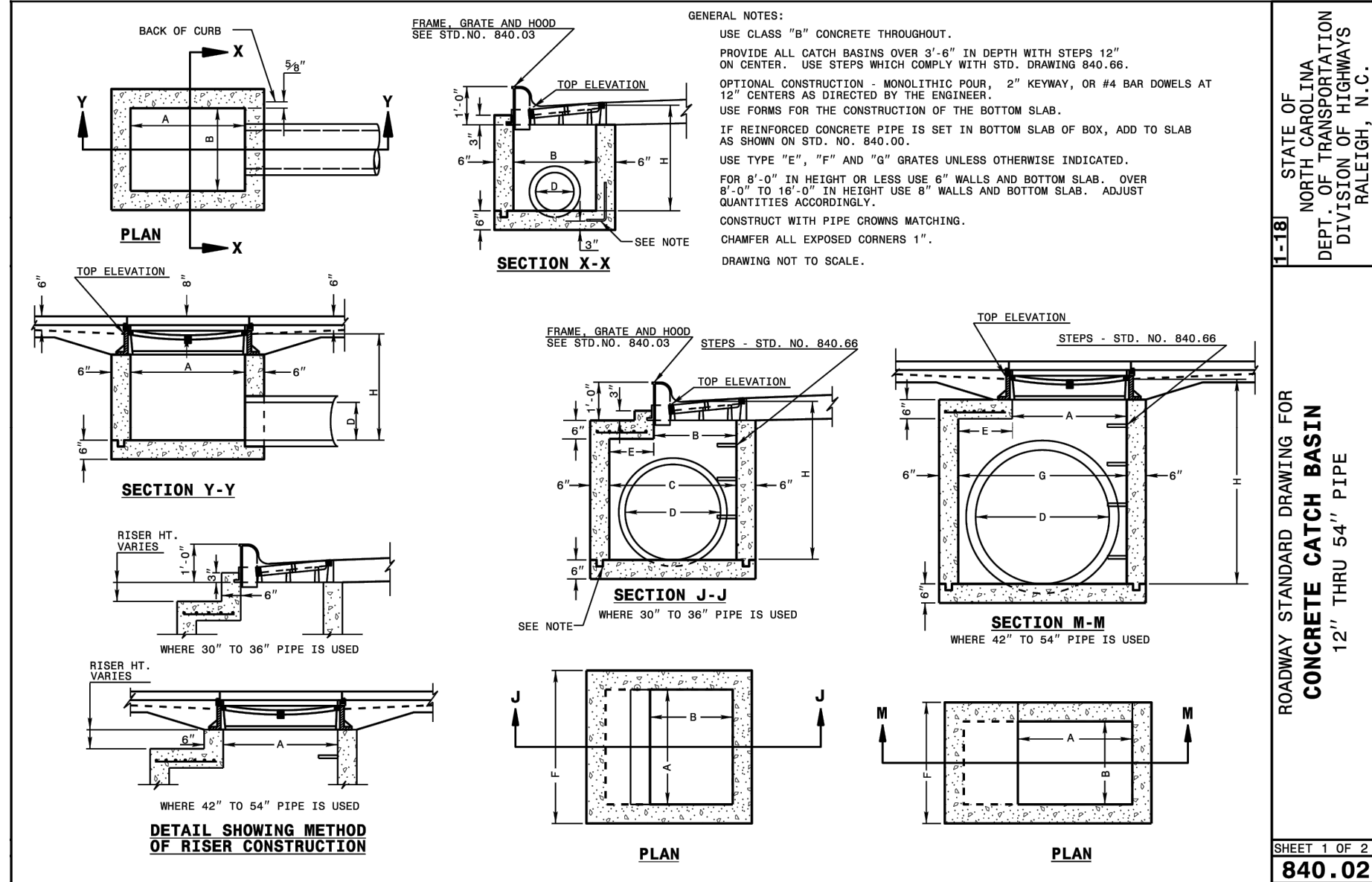
(919) 552-0848
(919) 552-2043
205 S. Equity Avenue
Fuquay-Varina, NC 27526



OWNER INFORMATION
The Heritage Properties at Town Center, Inc.
409 E. Doyle Street
P.O. Box 1210
Toccoa, GA 30577
Pruitt Properties, Inc.
1626 Jeurgens Court
Norcross, GA 30093

CONSTRUCTION DRAWINGS
PRUITT TOWN CENTER EXPANSION
SITE DETAILS III

Z:\PROJECTS\FOLDER_ZEILON\2024\2024-048 PRUITT TOWN CENTER 58 BED EXPANSION - HARRISBURG\PLANSHEET FILESD-2.1 STORM DETAILS I.DWG
PLOTTED: 9/10/2025 11:53 AM



REVISIONS

PROFESSIONAL'S SEAL

CONSULTANT

CLIENT

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Town Center, Inc.
409 E. Doyle Street
P.O. Box 1210
Toccoa, GA 30577
Pruitt Properties, Inc.
1626 Jeurgens Court
Norcross, GA 30093

CONSTRUCTION DRAWINGS

PRUITT TOWN CENTER EXPANSION

STORM DETAILS II

D-2.1

PRELIMINARY
FOR REVIEW ONLY
026970
ENGINEER
DONALD L. CURRY, JR.

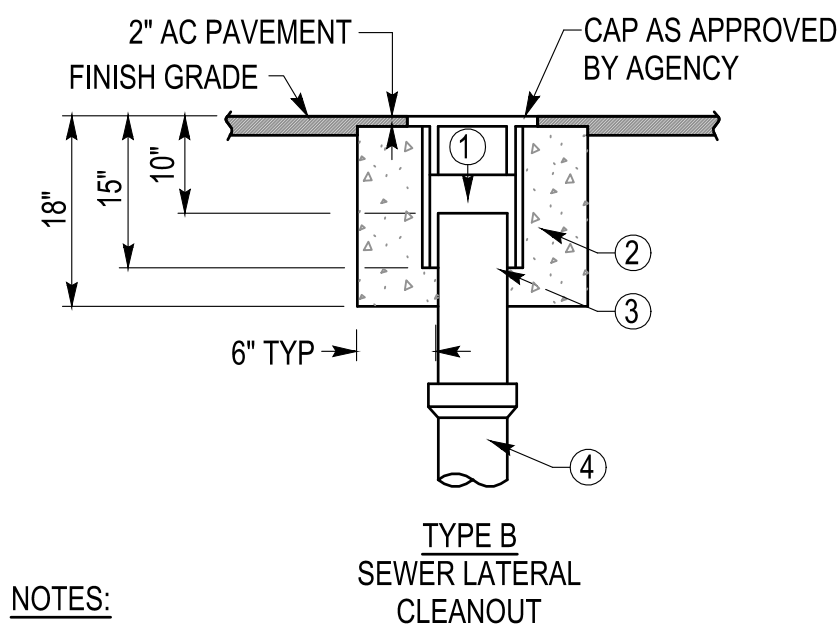
Curry
ENGINEERING

CURRY ENGINEERING
EST. 1970
N.C. LIC. NO. P-0799

T (919) 552-0848
F (919) 552-0443

206 S. Equity Avenue
Fayetteville, NC 27526

PruittHealth



- 1 TRAFFIC RATED SEWER CLEANOUT
D-4.0 SCALE: N.T.S

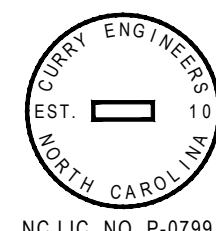
1. THE LATERAL SHALL BE A MINIMUM OF 5'-0" BELOW THE EDGE OF PAVEMENT, EXCEPT WHERE DEPTH OF SEWER MAIN WILL NOT PERMIT.
2. 4" SEWER LATERAL - MINIMUM GRADE 1.0%

				WSACC WATER AND SEWER AUTHORITY OF CABARRUS COUNTY	TYPICAL SEWER LATERAL	
REVISION NO.	DATE	BY	CHKD		FILE NAME: S1.0	DATE: 8/06

REVISIONS			
<p style="text-align: center;">STATUS</p> <p style="text-align: center;"><i>FOR REGULATORY REVIEW ONLY</i></p> <p style="text-align: center;"><i>NOT FOR CONSTRUCTION</i></p>			
DATE: AUGUST XX, 2025		HORZ. SCALE: N.T.S.	
FILE NO. 2024-048		ORIG. SHEET SIZE: 24 x 36	



Curry
ENGINEERING



T (919) 552-0849
F (919) 552-2043



PruittHealth

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Toccoa, GA 30577

Pruitt Properties, Inc.
1626 Jeurgens Court
Norcross, GA 30093

PRUITT TOWN CENTER EXPANSION

SEWER DETAILS

D-4.0

Z:\PROJECTS\FOLDER-ZEBULON\2024-048 PRUITT TOWN CENTER 50 BED EXPANSION - HARRISBURG\PLANSITE PLANSHEET FILESD-4.0 SEWER DETAILS.DWG
PLOTTED: 9/10/2025 11:53 AM

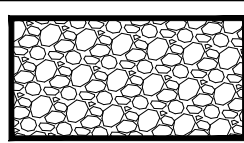
TEMPORARY DIVERSION DITCH SCHEDULE									
DITCH DESIGNATION	DRAINAGE AREA (AC)	RUNOFF COEFFICIENT	Q10 (CFS)	AVG. SLOPE (%)	FLOW DEPTH (FT)	VELOCITY (FPS)	SHAPE	GEOMETRY (FT)	LINING MATERIAL
A	5.08	0.50	18.28	1.2%	0.98	4.70	TRIANGULAR	b=0', d=12", m=3:1	SYNTHETIC MAT
B	2.77	0.50	9.96	1.3%	0.70	4.10	TRIANGULAR	b=0', d=12", m=3:1	SYNTHETIC MAT

TOTAL DISTURBANCE LIMITS = 5.31 AC

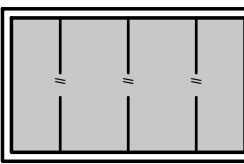
EROSION CONTROL NOTES:

1. THE TEMPORARY DIVERSION DITCHES, SILT FENCE, AND LIMITS OF DISTURBANCE SHOWN ON THIS PLAN ARE GRAPHICAL REPRESENTATIONS OF THE ACTUAL EROSION CONTROL MEASURES THAT SHALL BE INSTALLED UNDER THIS PROJECT. DUE TO SCALE OF THIS DRAWING, THESE MEASURES ARE GRAPHICALLY DEPICTED AND MAY BE BEYOND WHERE THEY ACTUALLY WILL BE INSTALLED IN THE FIELD. HOWEVER, UNDER NO CIRCUMSTANCES IS THERE TO BE DISTURBANCE OFFSITE.
2. THE WORK ASSOCIATED WITH THIS PERMIT INCLUDES CLEARING AND GRUBBING, INFRASTRUCTURE INSTALLATION, AND MASS GRADING OF INDIVIDUAL LOTS.
3. REFER TO DETAIL SHEET EC3.0 FOR CONSTRUCTION SEQUENCE, EROSION CONTROL NARRATIVE, MAINTENANCE NOTES, STABILIZATION INSTRUCTIONS & EROSION CONTROL DETAILS.
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8. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING SELF-INSPECTION LOG.
9. SHAPE OF SEDIMENT BASINS CAN VARY AS SHOWN PROVIDED MINIMUM VOLUME & SURFACE AREA REQUIREMENTS ARE PROVIDED.
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11. ALL EXISTING CATCH BASINS AND INLETS DOWNSTREAM OF DISTURBED AREAS SHALL HAVE SILT SACKS INSTALLED INSIDE THE GRATES.
12. CONTRACTOR SHALL CLEAN OUT ALL DOWNSTREAM STORM DRAINAGE SYSTEM AFTER PHASE CONSTRUCTION IS STABILIZED.

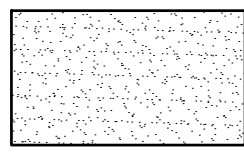
EROSION CONTROL LEGEND:




CONSTRUCTION ENTRANCE/EXIT




SEDIMENT BASIN



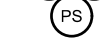
STOCKPILE




SILT FENCE OUTLET




ROCK CHECK DAM




TEMP. SEED/MULCH/PERM. SEED



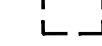
OUTLET PROTECTION




COIR WATTLE




DIVERSION DITCH



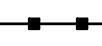
INLET PROTECTION



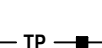
CONCRETE WASH AREA




SLOPE DRAIN / TEMPORARY STORM DRAIN WITH OUTLET PROTECTION




SKIMMER




POROUS BAFFLES




SILT FENCE




TREE PROTECTION FENCE




COMBINATION TREE PROTECTION & SILT FENCE



DISTURBANCE LIMITS



PROPOSED CONTOUR



EXISTING CONTOUR

SKIMMER SEDIMENT BASIN

MINIMUM DIMENSIONS (WxLxD) = 45'x12'x2'

VOLUME REQUIRED = 5,595 CF

VOLUME PROVIDED = 10,125 CF

SURFACE AREA REQUIRED = 4,868 SF

SURFACE AREA PROVIDED = 5,220 SF

TOP OF BASIN ELEVATION = 579.00

SURFACE AREA ELEVATION = 577.00

BOTTOM OF BASIN ELEVATION = 575.00

CLEANOUT ELEVATION = 576.00

EMERGENCY SPILLWAY LENGTH = 20'

EMERGENCY SPILLWAY ELEVATION = 578.00

SKIMMER SIZE = 2.5 INCH, 2.0 INCH ORIFICE

DEWATERING TIME = 2.40 DAYS

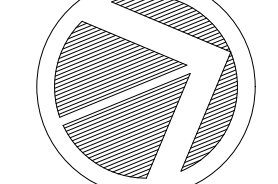
NPDES STABILIZATION TABLE

SITE AREA DESCRIPTION	STABILIZATION	TIMEFRAME EXCEPTIONS
Perimeter dikes, swales, ditches and slopes	7 days	None
High Quality Water (HQW) Zones	7 days	None
Slopes steeper than 3:1	7 days	If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed.
Slopes 3:1 or flatter	14 days	7 days for slopes greater than 50' in length
All other areas with slopes flatter than 4:1	14 days	None, except for perimeters and HQW Zones

BEFORE YOU DIG,
CALL

811

NORTH CAROLINA
ONE CALL CENTER
www.ncocc.org



SCALE: 1 IN = 40 FT

SCALE IN FEET
HORIZONTAL

Z:\PROJECTS\FOLDER_ZEBULON\2024\2024-04-08 PRUITT TOWN CENTER 59 BED EXPANSION - HARRISBURG\PLANS\EROSION CONTROL PLAN - INITIAL PHASE.DWG
PLOTTED: 9/10/2025 11:53 AM

REVISIONS	
STATUS FOR REGULATORY REVIEW ONLY NOT FOR CONSTRUCTION	
DATE: AUGUST XX, 2025	HORZ. SCALE:
FILE NO: 2024-048	ORIG. SHEET SIZE: 24 x 36

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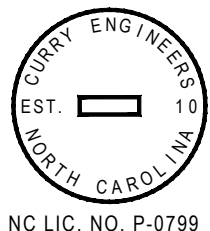
PRELIMINARY
FOR REVIEW ONLY

026970

ENGINEER
DONALD L. CURRY, JR.

CONSULTANT

Curry
ENGINEERING



NC LIC. NO. P-0799

(919) 552-0849
(919) 552-2043

205 S. Equity Avenue
Fayetteville, NC 27326

CLIENT



OWNER INFORMATION

**The Heritage Properties at
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409 E. Doyle Street
P.O. Box 1210
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Pruitt Properties, Inc.
1626 Jurgens Court
Norcross, GA 30093

CONSTRUCTION DRAWINGS
PRUITT TOWN CENTER EXPANSION
EROSION CONTROL PLAN - INITIAL PHASE

EC-1.0

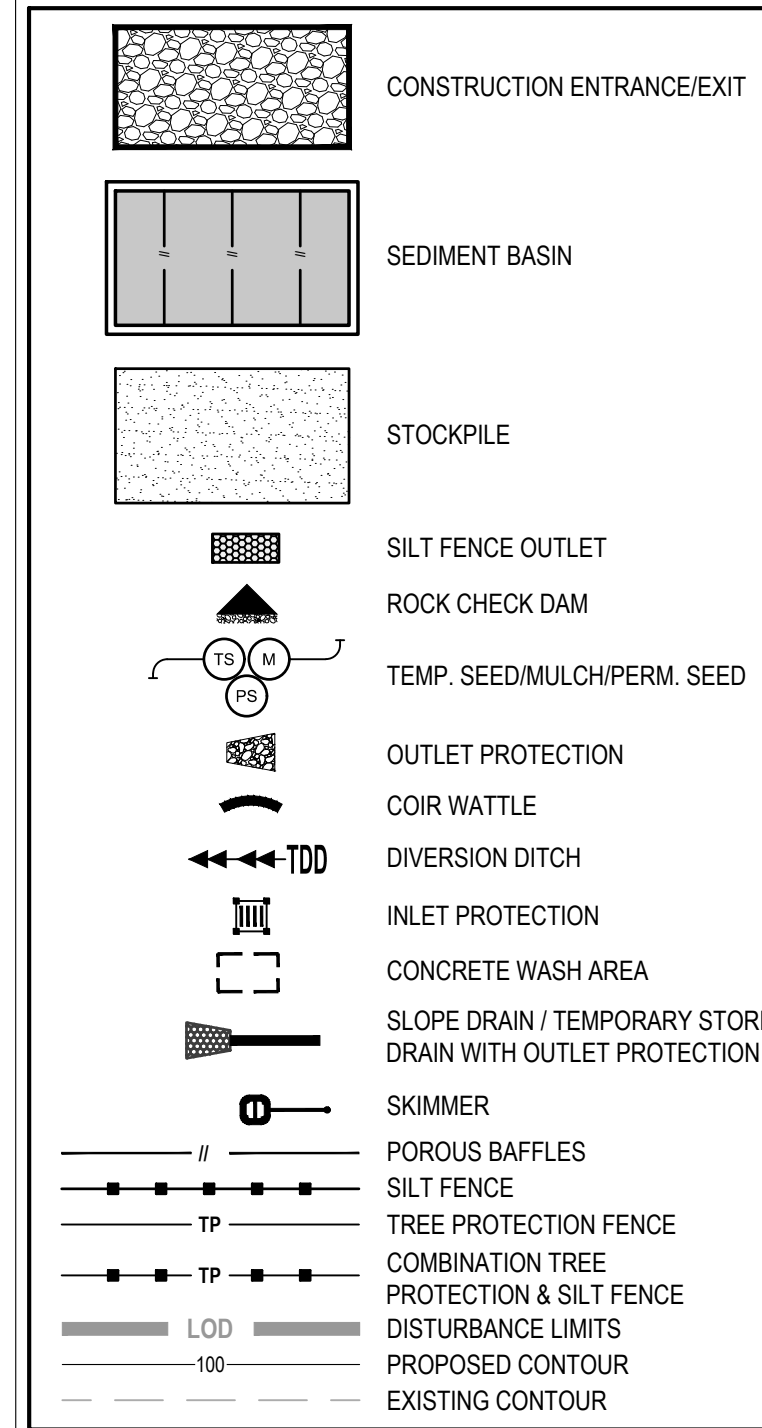
Z:\PROJECTS\FOLDER_ZEBULON\2024\2024-04-08 PRUITT TOWN CENTER 59 BED EXPANSION - HARRISBURG\PLANS\EROSION CONTROL PLAN - CONSTRUCTION PHASE.DWG
PLOTTED: 9/10/2025 11:54 AM

TOTAL DISTURBANCE LIMITS = 5.31 AC

EROSION CONTROL NOTES:

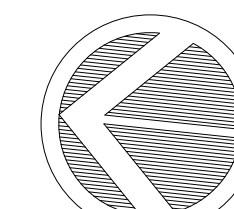
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EROSION CONTROL LEGEND:



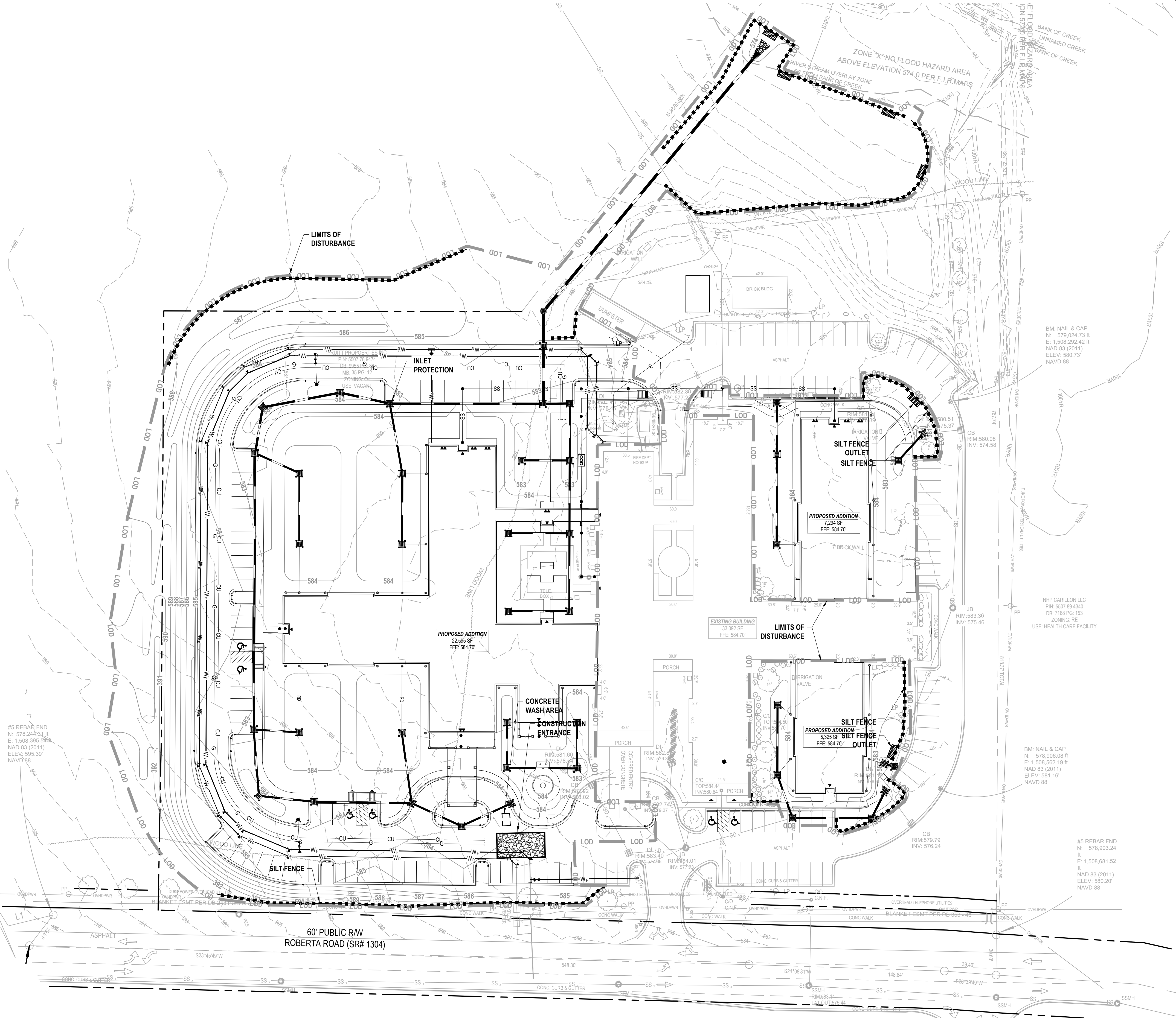
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SCALE: 1 IN = 40 FT
SCALE IN FEET
HORIZONTAL

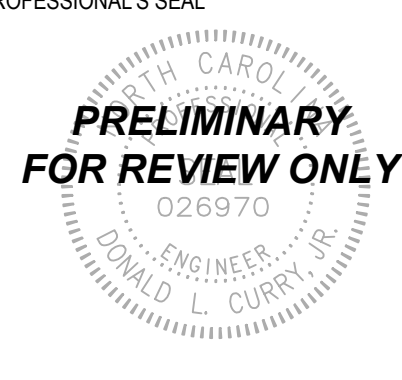
NCGS GRID MONUMENT "NCRR CB
M364.1"
N: 574,290.94 ft
E: 1,507,802.14 ft
NAD 83 (2011)
CGF: 0.99984881
ELEV: 609.85'
NAVD 88



REVISIONS

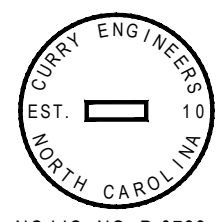
NO.	DATE	DESCRIPTION
1	AUGUST XX, 2025	FOR REGULATORY REVIEW ONLY NOT FOR CONSTRUCTION
2		
3		
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8		
9		
10		

PROFESSIONAL'S SEAL



CONSULTANT

Curry
ENGINEERING



T (919) 552-0849
F (919) 552-2043

205 S. Equity Avenue
Fayetteville, NC 27526

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OWNER INFORMATION

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CONSTRUCTION DRAWINGS

PRUITT TOWN CENTER EXPANSION

EROSION CONTROL PLAN - CONSTRUCTION PHASE

EC-2.0

EROSION CONTROL NOTES

1.

THE CONTRACTOR SHALL AT A MINIMUM IMPLEMENT THE CONTRACTOR'S REQUIREMENTS OUTLINED BELOW AND THOSE MEASURES SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN. IN ADDITION THE CONTRACTOR SHALL UNDERTAKE ADDITIONAL MEASURES REQUIRED TO BE IN COMPLIANCE WITH APPLICABLE PERMIT CONDITIONS AND STATE WATER QUALITY STANDARDS.
2.

TOTAL DISTURBANCE LIMITS = 33.33 ACRES.
3.

ANY GRADING BEYOND THE DENUDED LIMITS SHOWN IN THE PLAN IS A VIOLATION OF THE NORTH CAROLINA SEDIMENTATION CONTROL LAW & IS SUBJECT TO A FINE.
4.

GRADING MORE THAN 1 ACRE WITHOUT AN APPROVED EROSION CONTROL PLAN IS A VIOLATION OF THE THE NORTH CAROLINA SEDIMENTATION CONTROL LAW AND IS SUBJECT TO A FINE.
5.

ALL EROSION CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH ALL NCDENR STANDARDS AND SPECIFICATIONS.
8.

CONSTRUCTION ENTRANCES SHALL BE MAINTAINED THROUGHOUT THE ENTIRE CONSTRUCTION PROJECT. A MINIMUM OF ONE CONSTRUCTION ENTRANCE SHALL BE INSTALLED AND UTILIZED. THIS ENTRANCE SHALL BE BETWEEN THE LIMITS OF DISTURBANCE AND ANY ROAD RIGHT OF WAY.
9.

ADJACENT PROPERTIES AND RIGHT-OF-WAY SHALL BE KEPT FREE OF MUD AND/OR SEDIMENT-LADEN RUNOFF.
10.

THE EROSION CONTROL MEASURES SHOWN ON THIS PLAN ARE RECOMMENDED AS A MINIMUM IN ORDER TO CONTROL RUN-OFF. IT IS POSSIBLE THAT MORE STRINGENT MEASURES MAY BE NEEDED AS DETERMINED BY THE CONTRACTOR, PROJECT ENGINEER, AND/OR EROSION CONTROL INSPECTOR. IF IT IS DETERMINED THAT ADDITIONAL RUN-OFF CONTROL IS NEEDED, SUCH MEASURES SHALL BE INSTALLED IMMEDIATELY.
11.

SHOULD MAINTENANCE ISSUES ARISE, PLEASE CONTACT DON CURRY AT 919-880-9857.
12.

CONTRACTOR SHALL LOCATE AND VERIFY LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING WORK.

EROSION & SEDIMENT CONTROL NARRATIVE

PROJECT DESCRIPTION

THE PURPOSE OF THIS PROJECT IS TO CLEAR & GRUB AND PROVIDE MASS GRADING FOR A 149 LOT MIXED RESIDENTIAL SUBDIVISION. NO HOME CONSTRUCTION WILL BE PERMITTED WITH THIS APPROVAL WITHOUT INDIVIDUAL LOT MEASURES. THE PROPERTY IS PRIVATELY OWNED. SEE OWNER INFORMATION ON EXISTING CONDITIONS PLAN. THE SITE IS CURRENTLY UNDEVELOPED.

APPROXIMATELY 33.3 ACRES WILL BE DISTURBED DURING CONSTRUCTION. THE MAXIMUM FILL WILL BE APPROX. 6 FEET AND THE MAXIMUM CUT WILL BE APPROX. 9 FEET. THIS PROJECT WILL INVOLVE REMOVAL OF TOPSOIL TO CREATE RESIDENTIAL ROADWAY, INFRASTRUCTURE, & PAD READY LOTS. AN UNDERGROUND STORM DRAINAGE SYSTEM WILL BE INSTALLED TO CONVEY STORMWATER TO PERMANENT STORMWATER MANAGEMENT AREAS.

THE PROJECT IS SCHEDULED TO BEGIN CONSTRUCTION IN SPRING 2025 WITH PROJECT COMPLETION AND FINAL STABILIZATION BY SPRING 2026. THE EROSION AND SEDIMENT CONTROL PROGRAM FOR THIS PROJECT WILL INCLUDE THE INSTALLATION OF A SUITABLE CONSTRUCTION ENTRANCE, TEMPORARY SILT FENCING, SILT FENCE OUTLETS, DIVERSION DITCHES, INLET PROTECTION MEASURES AND SEDIMENT BASINS.

ADJACENT PROPERTY
ADJACENT PROPERTY OWNERS ARE NOTED ON THE EXISTING CONDITIONS PLAN.

NATIVE SOILS
THE SOILS AT THIS SITE ARE PREDOMINATELY LOAMY SANDS. SOILS ARE MOSTLY WELL DRAINED WITH Ksat RANGES FROM MODERATELY HIGH TO HIGH. SLOPES ARE LARGELY BETWEEN 0 TO 6%.

CONSTRUCTION SEQUENCE:

1.

OBTAIN A LAND-DISTURBING PERMIT FROM NCDENR AND OBTAIN A CERTIFICATE OF COVERAGE AND AN NCGO1 PERMIT FROM NCDENR AS NOTED ON EC-3.4.
2.

SCHEDULE A PRECONSTRUCTION CONFERENCE WITH NCDENR AT LEAST ONE WEEK PRIOR TO START OF LAND DISTURBANCE.
3.

CLEAR THE AREA NEEDED TO CONSTRUCT THE PROPOSED CONSTRUCTION ENTRANCE.
4.

CONSTRUCT THE ENTRANCES AS SHOWN ON THE PLANS. MAINTAIN THE CONSTRUCTION ENTRANCE DAILY TO ENSURE THAT MUD AND SILT WILL NOT BE TRACKED ONTO THE PAVED SURFACE. IF MUD IS TRACKED ONTO THE SURFACE, IT IS TO BE REMOVED IMMEDIATELY.
5.

CLEAR THE AREA NEEDED TO CONSTRUCT THE REMAINDER OF PERIMETER EROSION CONTROL MEASURES INCLUDING SILT FENCE, ROCKS CHECK DAMS, TEMPORARY DIVERSIONS, SEDIMENT BASIN, AND OTHER MEASURES AS SHOWN ON THE APPROVED PLAN. INSTALL PROPOSED DEVICES. SEED TEMPORARY DIVERSIONS, BERMS AND BASINS IMMEDIATELY AFTER CONSTRUCTION. TAKE CARE TO AVOID DISTURBING THE EXISTING WETLANDS ON SITE.
6.

CLEAR AND INSTALL THE SKIMMER SEDIMENT BASINS #1, #2, #3, AND #4. INSTALL COIR MESH BAFFLES, SKIMMER DEVICES, AND OTHER FEATURES AND STABILIZE IMMEDIATELY AFTER CONSTRUCTION. SKIMMER FOR SEDIMENT BASIN #2 WILL OUTLET TO TEMPORARY RIP-RAP PADS INITIALLY. INSTALL THE RISERS FOR SEDIMENT BASINS #1, 3, AND 4. SKIMMERS FOR BASINS #1, 3, AND 4 WILL TIE TO THE PERMANENT RISER STRUCTURES. SKIMMER FOR SEDIMENT BASIN #2 WILL TIE TO THE RISER AT A LATER TIME.
7.

CALL NCDENR FOR AN ONSITE INSPECTION BY THE ONSITE INSPECTOR TO OBTAIN A CERTIFICATE OF COMPLIANCE.
8.

BEGIN CLEARING AND GRUBBING. MAINTAIN DEVICES AS NEEDED.
9.

ROUGH GRADE ALL ROADWAYS.
10.

CONSTRUCT SANITARY SEWER SYSTEM AND WATER MAINS THROUGHOUT PROJECT.
11.

INSTALL STORM SEWER, AND PROTECT INLETS WITH BLOCK AND GRAVEL INLET CONTROLS, SEDIMENT TRAPS OR OTHER APPROVED MEASURES AS SHOWN ON THE PLAN. BEGIN CONSTRUCTION, BUILDING, ETC.
12.

CONTINUE WITH MASS GRADING OF LOTS AND OPEN SPACE AREAS.
13.

STABILIZE SITE AS AREAS ARE BROUGHT UP TO FINISH GRADE WITH VEGETATION, PAVING, DITCH LININGS, ETC. SEED AND MULCH DENUDED AREAS WITHIN 7 OR 14 DAYS OF COMPLETION OF ANY PHASE OF CONSTRUCTION.
14.

AS THE SITE EARTHWORK NEARS COMPLETION AND THE STORM SYSTEM IS INSTALLED, INSTALL THE RISER FOR POND #2 AND CONNECT THE SKIMMER #2 TO THE NEWLY INSTALLED RISER. MAINTAIN THE SKIMMERS IN THE OTHER SEDIMENT BASINS THAT ARE ALREADY CONNECTED TO THEIR PERSPECTIVE SCM RISERS. SEDIMENT BASINS WILL REMAIN FUNCTIONAL UNTIL THEY ARE READY FOR FINAL CONVERSION TO WET PONDS AND WETLANDS.
15.

WHEN CONSTRUCTION IS COMPLETE AND ALL AREAS ARE STABILIZED COMPLETELY, CALL NCDENR ON SITE INSPECTOR.
16.

IF SITE IS APPROVED, REMOVE TEMPORARY DIVERSIONS, SILT FENCE, SEDIMENT BASINS, ETC., AND SEED OUT OR STABILIZE ANY RESULTING BARE AREAS. ALL REMAINING PERMANENT EROSION CONTROL DEVICES, SUCH AS VELOCITY DISSIPATORS, SHOULD NOW BE INSTALLED. EXISTING STORM DRAINAGE SYSTEM SHALL BE CLEANED OF ANY SEDIMENT.
17.

SEDIMENT BASINS CAN NOW BE CONVERTED TO FINAL WET PONDS AND CONSTRUCTED WETLANDS WITH ASSOCIATED FINE GRADING AND SEEDING/PLANTING.
18.

WHEN VEGETATION HAS BECOME ESTABLISHED, CALL FOR A FINAL SITE INSPECTION BY THE ONSITE INSPECTOR. OBTAIN A CERTIFICATE OF COMPLETION.
19.

SUBMIT NOTICE OF TERMINATION TO NCDENR.
- INSPECTOR REFERS TO NORTH CAROLINA LAND QUALITY INSPECTOR OR HIS REPRESENTATIVE, FIELD INSPECTIONS MAY REQUIRE ADDITIONAL SEDIMENTATION AND EROSION CONTROL MEASURES AS DEEMED NECESSARY BY THE INSPECTOR.
- CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL DEVICES SHALL CONFORM TO THE STANDARDS SET FORTH IN THE NORTH CAROLINA DEPARTMENT OF NATURAL RESOURCES LAND QUALITY SECTION: EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF EROSION CONTROL MEASURES DURING CONSTRUCTION AND THE OWNER IS RESPONSIBLE FOR ALL PERMANENT EROSION CONTROL METHODS AFTER CONSTRUCTION IS COMPLETE, IF ANY PERMANENT METHODS ARE REQUIRED.

DUST CONTROL

VEGETATIVE COVER
FOR DISTURBED AREAS NOT SUBJECT TO TRAFFIC, VEGETATION PROVIDES THE MOST PRACTICAL METHOD OF DUST CONTROL.

MULCH
WHEN PROPERLY APPLIED, MULCH OFFERS A FAST, EFFECTIVE MEANS OF CONTROLLING DUST.

MAINTENANCE
MAINTAIN DUST CONTROL MEASURES THROUGH DRY WEATHER PERIODS UNTIL ALL DISTURBED AREAS HAVE BEEN STABILIZED.

SEDIMENT & EROSION CONTROLS

IT IS THE CONTRACTORS RESPONSIBILITY TO IMPLEMENT THE EROSION AND SEDIMENT CONTROLS AS SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN. IT IS ALSO THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THESE CONTROLS ARE PROPERLY INSTALLED, MAINTAINED AND FUNCTIONING PROPERLY TO PREVENT POLLUTED WATER FROM LEAVING THE PROJECT SITE. THE CONTRACTOR WILL ADJUST THE EROSION CONTROLS SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN AND ADD ADDITIONAL CONTROL MEASURES, AS REQUIRED, TO ENSURE THE SITE MEETS ALL FEDERAL, STATE AND LOCAL EROSION AND SEDIMENT CONTROL REQUIREMENTS. ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES BE TO THE STANDARDS OF THE NC DEPT. OF ENVIRONMENTAL MANAGEMENT - LAND QUALITY SECTION.

STRUCTURAL PRACTICES

1.

SILT FENCE (SEDIMENT FENCE): SILT FENCE CAN BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION. SILT FENCES SHALL BE PROVIDED WHERE SHOWN AND AS NEEDED ON THE SITE PLAN. THESE BARRIERS SHALL BE USED TO CONTAIN SEDIMENT.

2.

SILT FENCE OUTLET: GRAVEL SILT FENCE OUTLETS SHALL BE PROVIDED WHERE SHOWN AND AS NEEDED ON THE SITE PLAN. THESE OUTLETS SHALL BE LOCATED AT ALL LOW POINTS IN A RUN OF SILT FENCE AND USED TO DISCHARGE "CLEAN WATER" OFF-SITE.

3.

DIVERSION DITCHES: USE DIVERSION DITCHES TO CONVEY SEDIMENT LADEN RUNOFF TO EROSION CONTROL BMPs AS SHOWN ON THE PLANS.

4.

CONSTRUCTION ENTRANCE: CONSTRUCTION TRAFFIC SHALL BE LIMITED TO STABILIZED AREAS. AT A MINIMUM, A TEMPORARY GRAVEL CONSTRUCTION ENTRANCE SHALL BE PROVIDED AS SHOWN ON THIS DRAWING. VEHICLE WHEELS SHALL BE CLEAN WHEN LEAVING THE SITE TO PREVENT THE TRACKING OF MUD ON PAVED ROADS.

5.

ROCK CHECK DAMS: ROCK CHECK DAMS CAN BE USED TO REDUCE EROSION IN A DRAINAGE CHANNEL TO LIMIT EROSION BY REDUCING VELOCITY IN OPEN CHANNELS.

6.

SEDIMENT BASINS: SEDIMENT BASINS WITH SKIMMERS AND POROUS BAFFLES ARE USED TO RETAIN SEDIMENT ON THE CONSTRUCTION SITE, AND PREVENT SEDIMENTATION IN OFF-SITE STREAMS, LAKES, AND DRAINAGE WAYS

7.

INLET PROTECTION: HARDWARE CLOTH AND GRAVEL INLET PROTECTION DEVICES CAN BE USED PREVENT SEDIMENT FROM ENTERING YARD INLETS, GRATED STORM DRAINS OR DROP INLETS DURING CONSTRUCTION. THIS PRACTICE ALLOWS EARLY USE OF THE STORM DRAIN SYSTEM

VEGETATIVE PRACTICES

1.

TEMPORARY SEEDING: DISTURBED AREAS THAT ARE NOT ANTICIPATED TO BE BROUGHT TO FINAL GRADE FOR A PERIOD OF MORE THAN 7 OR 14 CALENDAR DAYS MUST RECEIVE TEMPORARY SEEDING (SEE NPDES TABLE). A QUICK GROWING GRASS SPECIES, WHICH WILL PROVIDE AN EARLY COVER DURING THE SEASON IN WHICH IT IS PLANTED AND WILL NOT LATER COMPETE WITH THE PERMANENT GRASSING, SHOULD BE USED. TEMPORARY SEEDING SHALL BE PER NCDQEQ REQUIREMENTS.

2.

TEMPORARY GRASSING: THE SEEDED OR SEEDED AND MULCHED AREA(S) SHALL BE ROLLED AND WATERED OR HYDOMULCHED OR OTHER SUITABLE METHODS IF REQUIRED TO ASSURE OPTIMUM GROWING CONDITIONS FOR THE ESTABLISHMENT OF A GOOD GRASS COVER.

3.

TEMPORARY REGRASSING: IF, AFTER 14 DAYS FROM SEEDING, THE TEMPORARY GRASSED AREAS HAVE NOT ATTAINED A MINIMUM OF 75 PERCENT GOOD GRASS COVER, THE AREA WILL BE REWORKED AND ADDITIONAL SEED APPLIED SUFFICIENT TO ESTABLISH THE DESIRED VEGETATIVE COVER. RESEED AND MULCH BARE SPOTS LARGER THAN 9 SQUARE FEET.

4.

PERMANENT SEEDING: ALL AREAS WHICH HAVE BEEN DISTURBED BY CONSTRUCTION WILL, AS A MINIMUM, BE SEEDDED. PERMANENT SEEDING SHALL BE PER NCDQEQ REQUIREMENTS. IF GROWTH IS NOT ESTABLISHED BY FINAL PROJECT INSPECTION, CONTINUE SPECIFIED ATTENTION UNTIL THE STAND OF GRASS IS ACCEPTABLE.

MANAGEMENT STRATEGIES

1.

STOCKPILING MATERIAL: NO EXCAVATED MATERIAL SHALL BE STOCKPILED IN SUCH A MANNER AS TO DIRECT RUNOFF DIRECTLY OFF THE PROJECT SITE INTO ANY ADJACENT WATER BODY OR STORM WATER COLLECTION FACILITY. PER NCDWQ CONSTRUCTION GENERAL PERMIT REVISED AUGUST 4, 2011, ALL EARTHEN MATERIAL STOCKPILES MUST BE LOCATED 50' FROM STORM DRAINS AND STREAMS UNLESS NO OTHER REASONABLE ALTERNATIVE IS AVAILABLE. STOCKPILES MUST ALSO BE CONTAINED BY PERIMETER SILT FENCE AND SILT FENCE OUTLETS, AS APPROPRIATE. SEE PLAN FOR LAYOUT.

2.

RIP-RAP OUTLET PROTECTION: ALL RIP-RAP SHALL BE INSTALLED WITH FILTER FABRIC BENEATH.

3.

SOIL DISPOSAL: DISPOSE OF ALL STOCKPILED MATERIAL TO AN APPROVED PERMITTED NCDQEQ DISPOSAL SITE.

4.

DEWATERING: ALL TRENCH/PIT DEWATERING MUST DISCHARGE TO AN APPROVED S&EC MEASURE OR SILT SACK PRIOR TO LEAVING THE SITE.

5.

PERMANENT EROSION CONTROL: THE EROSION CONTROL FACILITIES OF THE PROJECT SHOULD BE DESIGNED TO MINIMIZE THE IMPACT ON THE OFFSITE FACILITIES.

NOTIFICATION OF COMBINED SELF-MONITORING AND SELF-INSPECTION FORM:

THE SEDIMENTATION POLLUTION CONTROL ACT WAS AMENDED IN 2006 TO REQUIRE THAT PERSONS RESPONSIBLE FOR LAND-DISTURBING ACTIVITIES INSPECT A PROJECT AFTER EACH PHASE OF THE PROJECT TO MAKE SURE THAT THE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN IS BEING FOLLOWED. RULES DETAILING THE DOCUMENTATION OF THESE INSPECTIONS TOOK EFFECT OCTOBER 1, 2010.

TO SIMPLIFY DOCUMENTATION OF SELF-INSPECTION REPORTS AND NPDES SELF-MONITORING REPORTS, DWQ AND DEMLR DEVELOPED A COMBINED FORM. THE SELF-INSPECTION PROGRAM IS SEPARATE FROM THE WEEKLY SELF-MONITORING PROGRAM OF THE NPDES STORMWATER PERMIT FOR CONSTRUCTION ACTIVITIES. THE FOCUS OF THE SELF-INSPECTION REPORT IS THE INSTALLATION AND MAINTENANCE OF EROSION AND SEDIMENTATION CONTROL MEASURES ACCORDING TO THE APPROVED PLAN. THE INSPECTIONS SHOULD BE CONDUCTED AFTER EACH PHASE OF THE PROJECT, AND CONTINUED UNTIL PERMANENT GROUND COVER IS ESTABLISHED. THE FORM CAN BE ACCESSED AT: [HTTP://PORTAL.NCDENR.ORG/WEB/EROSION](http://portal.ncdenr.org/web/EROSION)

IF YOU HAVE QUESTIONS OR CANNOT ACCESS THE FORM, PLEASE CONTACT THE RALEIGH REGIONAL OFFICE AT (919) 791-4200.

MAINTENANCE/INSPECTION PROCEDURES

THE FOLLOWING ARE INSPECTION AND MAINTENANCE PRACTICES THAT WILL BE USED TO MAINTAIN EROSION AND SEDIMENT CONTROLS.

•

ALL CONTROL MEASURES WILL BE INSPECTED BY THE SUPERINTENDENT, THE PERSON RESPONSIBLE FOR THE DAY TO DAY SITE OPERATION OR SOMEONE APPOINTED BY THE SUPERINTENDENT, DAILY AND WITHIN 24 HOURS OF EVERY RAINFALL EVENT.

•

SILT FENCE & FABRIC INLET PROTECTION: INSPECT FOR DEPTH OF SEDIMENT, TEARS, TO SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND TO SEE THAT THE FENCE POSTS ARE FIRMLY IN THE GROUND. BUILT UP SEDIMENT WILL BE REMOVED FROM SILT FENCE WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF THE FENCE.

•

DIVERSION DIKES/SWALES: INSPECT AND ANY BREACHES PROMPTLY REPAIRED. SEDIMENT SHALL BE REMOVED FROM THE FLOW AREA IMMEDIATELY AFTER EACH RAINFALL.

•

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT: MAINTAIN THE GRAVEL PAD IN A CONDITION TO PREVENT MUD OR SEDIMENT FROM LEAVING THE CONSTRUCTION SITE. THIS MAY REQUIRE PERIODIC TOP-DRESSING WITH 2-3" STONE. AFTER A RAINFALL, IMMEDIATELY REMOVE ALL OBJECTIONABLE MATERIALS SPILLED, WASHED, OR TRACKED ONTO ROADWAYS.

•

SEDIMENT BASIN: INSPECT AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (1/2 INCH OR GREATER) RAINFALL EVENT AND REPAIR IMMEDIATELY. REMOVE SEDIMENT AND RESTORE THE BASIN TO ITS ORIGINAL DIMENSIONS WHEN IT ACCUMULATES TO ONE-HALF THE DESIGN DEPTH. PLACE REMOVED SEDIMENT IN AN AREA WITH SEDIMENT CONTROLS. CHECK THE EMBANKMENT, SPILLWAYS, AND OUTLET FOR EROSION DAMAGE, AND INSPECT THE EMBANKMENT FOR PIPING AND SETTLEMENT. MAKE ALL NECESSARY REPAIRS IMMEDIATELY. REMOVE ALL TRASH AND OTHER DEBRIS FROM THE RISER AND POOL AREA. REPAIR BAFFLES AND SKIMMERS AS NEEDED.

•

INLET PROTECTION: INSPECT INLETS AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (½ INCH OR GREATER) RAINFALL EVENT. CLEAR THE MESH WIRE OF ANY DEBRIS OR OTHER OBJECTS TO PROVIDE ADEQUATE FLOW FOR SUBSEQUENT RAINS. TAKE CARE NOT TO DAMAGE OR UNDERCUT THE WIRE MESH DURING SEDIMENT REMOVAL. REPLACE STONE AS NEEDED.

•

SEEDING, FERTILIZING, AND MULCHING: INSPECT SEEDED AREAS FOR FAILURE AND NECESSARY REPAIRS AND RE-SEEDING SHALL BE MADE WITHIN THE SAME SEASON. TEMPORARY AND PERMANENT SEEDING AND PLANTING WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH.

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MATTING: INSPECT ROLLED EROSION CONTROL PRODUCTS AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (1/2 INCH OR GREATER) RAIN FALL EVENT REPAIR IMMEDIATELY. 2. GOOD CONTACT WITH THE GROUND MUST BE MAINTAINED, AND EROSION MUST NOT OCCUR BENEATH THE MATTING. 3. ANY AREAS OF THE MATTING THAT ARE DAMAGED OR NOT IN CLOSE CONTACT WITH THE GROUND SHALL BE REPAIRED AND STAPLED. 4. IF EROSION OCCURS DUE TO POORLY CONTROLLED DRAINAGE, THE PROBLEM SHALL BE FIXED AND THE ERODED AREA PROTECTED. 5. MONITOR AND REPAIR THE MATTING AS NECESSARY UNTIL GROUND COVER IS ESTABLISHED.

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WATTLE: INSPECT WATTLE WEEKLY AND AFTER EACH SIGNIFICANT RAINFALL EVENT (1/2 INCH OR GREATER). REMOVE ACCUMULATED SEDIMENT AND ANY DEBRIS. THE COMPOST WATTLE MUST BE REPLACED IF CLOGGED OR TORN. IF PONDING BECOMES EXCESSIVE, THE WATTLE MAY NEED TO BE REPLACED WITH A LARGER DIAMETER OR A DIFFERENT MEASURE. THE WATTLE NEEDS TO BE REINSTALLED IF UNDERMINED OR DISLOADED. THE COMPOST WATTLE SHALL BE INSPECTED UNTIL LAND DISTURBANCE IS COMPLETE AND THE AREA ABOVE THE MEASURE HAS BEEN PERMANENTLY STABILIZED.

•

ROCK PIPE INLET PROTECTION: INSPECT ROCK PIPE INLET PROTECTION AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (½ INCH OR GREATER) RAINFALL EVENT AND REPAIR IMMEDIATELY. REMOVE SEDIMENT AND RESTORE THE SEDIMENT STORAGE AREA TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO ONE-HALF THE DESIGN DEPTH OF THE TRAP. PLACE THE SEDIMENT THAT IS REMOVED IN THE DESIGNATED DISPOSAL AREA AND REPLACE THE CONTAMINATED PART OF THE GRAVEL FACING. CHECK THE STRUCTURE FOR DAMAGE. ANY RIPRAP DISPLACED FROM THE STONE HORSESHOE MUST BE REPLACED IMMEDIATELY. AFTER ALL THE SEDIMENT-PRODUCING AREAS HAVE BEEN PERMANENTLY STABILIZED, REMOVE THE STRUCTURE AND ALL THE UNSTABLE SEDIMENT. SMOOTH THE AREA TO BLEND WITH THE ADJOINING AREAS AND PROVIDE PERMANENT GROUND COVER.

•

MAINTAIN THE ON-SITE RAIN GAUGE & DATA AND STORMWATER INSPECTION LOG SHEETS. THIS PERMIT INFORMATION MUST BE COLLECTED AND MAINTAINED UNTIL NCDQEQ HAS CLOSED THE PROJECT & SURETY HAS BEEN RELEASED.

•

THE CONTACT PERSON IS REQUIRED TO MAINTAIN A LOG OF SELF-INSPECTIONS PER REQUIREMENTS AS OUTLINED IN NCGO1000 PERMIT. THE REPORTS WILL BE KEPT ON SITE DURING CONSTRUCTION AND AVAILABLE UPON REQUEST TO THE OWNER, ENGINEER OR ANY FEDERAL, STATE OR LOCAL AGENCY APPROVING SEDIMENT AND EROSION PLANS, OR STORMWATER MANAGEMENT PLANS. THIS PERMIT INFORMATION MUST BE COLLECTED AND MAINTAINED UNTIL NCDQEQ HAS CLOSED THE PROJECT.

•

THE SITE SUPERINTENDENT WILL SELECT UP TO THREE INDIVIDUALS WHO WILL BE RESPONSIBLE FOR INSPECTIONS, MAINTENANCE AND REPAIR ACTIVITIES, AND FILLING OUT THE INSPECTION AND MAINTENANCE REPORT.

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PERSONNEL SELECTED FOR INSPECTION AND MAINTENANCE RESPONSIBILITIES WILL RECEIVE TRAINING FROM THE SITE. SUPERINTENDENT: THEY WILL BE TRAINED IN ALL THE INSPECTION AND MAINTENANCE PRACTICES NECESSARY FOR KEEPING THE EROSION AND SEDIMENT CONTROLS USED ONSITE IN GOOD WORKING ORDER.

•

GROUND STABILIZATION: SOIL STABILIZATION SHALL BE ACHIEVED ON ANY AREA OF A SITE WHERE LAND-DISTURBING ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED ACCORDING TO THE FOLLOWING SCHEDULE:

A.

ALL PERIMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1) SHALL BE PROVIDED TEMPORARY OR PERMANENT STABILIZATION WITH GROUND COVER AS SOON AS PRACTICABLE BUT IN ANY EVENT WITHIN 7 CALENDAR DAYS FROM THE LAST LAND-DISTURBING ACTIVITY.

B.

ALL OTHER DISTURBED AREAS SHALL BE PROVIDED TEMPORARY OR PERMANENT STABILIZATION WITH GROUND COVER AS SOON AS POSSIBLE BUT IN ANY EVENT WITHIN 14 CALENDAR DAYS FROM THE LAST LAND-DISTURBING ACTIVITY

MIXTURE	
AGRICULTURAL LIMESTONE.....	2 TONS/ACRE (3 TONS/ACRE IN CLAY SOILS)
FERTILIZER.....	1,000 LBS/ACRE - 10-10-10
SUPERPHOSPHATE.....	500 LBS/ACRE - 20% ANALYSIS
MULCH.....	2 TONS/ACRE - SMALL GRAIN STRAW
ANCHOR.....	ASPHALT EMULSION AT 300 GALS/ACRE

SEEDING SCHEDULE		
FOR SHOULDERS, SIDE DITCHES, SLOPES (MAX 3:1):		
DATE	TYPE	PLANTING RATE
AUG 15 - NOV 1	TALL FESCUE	300 LBS/ACRE
NOV 1 - MAR 1	TALL FESCUE & ABRUZZI RYE	300 LBS/ACRE
MAR 1 - APR 15	TALL FESCUE	300 LBS/ACRE
APR 15 - JUN 30	HULLED COMMON BERMUDAGRASS	25 LBS/ACRE
JUL 1 - AUG 15	TALL FESCUE AND BROWNTOP MILLET OR SORGHUM-SUDAN HYBRIDS***	125 LBS/ACRE (TALL FESCUE); 35 LBS/ACRE (BROWNTOP MILLET); 30 LBS/ACRE (SORGHUM-SUDAN HYBRIDS)

FOR SHOULDERS, SIDE DITCHES, SLOPES (3:1 TO 2:1):

DATE	TYPE	PLANTING RATE
MAR 1 - JUN 1	SERICEA LESPEDEZA (SCARIFIED) AND USE THE FOLLOWING COMBINATIONS: <div><div>•</div><div>ADD TALL FESCUE</div><div>•</div><div>OR ADD WEEPING LOVE GRASS</div><div>•</div><div>OR ADD HULLED COMMON BERMUDAGRASS</div></div>	50 LBS/ACRE (SERICEA LESPEDEZA); 120 LBS/ACRE 10 LBS/ACRE 25 LBS/ACRE
JUN 1 - SEPT 1	TALL FESCUE AND BROWNTOP MILLET OR SORGHUM-SUDAN HYBRIDS***	120 LBS/ACRE (TALL FESCUE); 35 LBS/ACRE (BROWNTOP MILLET); 30 LBS/ACRE (SORGHUM-SUDAN HYBRIDS)
SEPT 1 - MAR 1	SERICEA LESPEDEZA (UNHULLED - UNSCARIFIED) AND TALL FESCUE	70 LBS/ACRE (SERICEA LESPEDEZA); 120 LBS/ACRE (TALL FESCUE)
NOV 1 - MAR 1	AND ABRUZZI RYE	25 LBS/ACRE

CONSULT S&EC ENVIRONMENTAL ENGINEERS FOR ADDITIONAL INFORMATION CONCERNING OTHER ALTERNATIVES FOR VEGETATION OF DENUDED AREAS. THE ABOVE VEGETATION RATES ARE THOSE THAT DO WELL UNDER LOCAL CONDITIONS; OTHER SEEDING RATE COMBINATIONS ARE POSSIBLE.

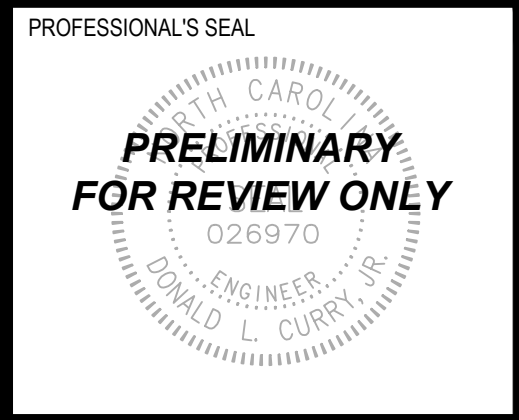
*** TEMPORARY: RESEED ACCORDING TO OPTIMUM SEASON FOR DESIRED PERMANENT VEGETATION. DO NOT ALLOW TEMPORARY COVER TO GROW MORE THAN 12" IN HEIGHT BEFORE MOWING; OTHERWISE, FESCUE MAY BE SHADED OUT.

1
EC-3.0

SEEDING SCHEDULE
SCALE: NTS

Z:\PROJECTS\FOLDER_ZEBULON\2024\2024-048 PRUITT TOWN CENTER 59 BED EXPANSION - HARRISBURG\PLANS\SITE PLAN\SHEET FILE\SEC-3.0 EROSION CONTROL DETAILS I.DWG
PLOTTED: 9/10/2025 11:54 AM

REVISIONS			
STATUS			
FOR REGULATORY REVIEW ONLY			
NOT FOR CONSTRUCTION			
DATE: AUGUST XX, 2025	HORZ. SCALE: N.T.S.		
FILE NO.: 2024-048	ORIG. SHEET SIZE: 24 x 36		



CONSULTANT

Curry

ENGINEERING

EST. 1919

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NC LIC. NO. P-0799

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Foyaux/Vernon, NC 27126

CLIENT

PruittHealth

OWNER INFORMATION

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P.O. Box 1210
Toccoa, GA 30577
Pruitt Properties, Inc.
1626 Jeurgens Court
Norcross, GA 30093

CONSTRUCTION DRAWINGS

PRUITT TOWN CENTER EXPANSION

EROSION CONTROL DETAILS I

EC-3.0

1. UNIFORMLY GRADE A SHALLOW DEPRESSION APPROACHING THE INLET.
2. DRIVE 5-FOOT STEEL POSTS 2 FEET INTO THE GROUND SURROUNDING THE INLET. SPACE POSTS EVENLY AROUND THE PERIMETER OF THE INLET, A MAXIMUM OF 4 FEET APART.
3. SURROUND THE POSTS WITH WIRE MESH HARDWARE CLOTH. SECURE THE WIRE MESH TO THE STEEL POSTS AT THE TOP, MIDDLE, AND BOTTOM. PLACING A 2-FOOT FLAP OF THE WIRE MESH UNDER THE GRAVEL FOR ANCHORING IS RECOMMENDED.
4. PLACE CLEAN GRAVEL (NO DOT #5 OR #57 STONE) ON A 2:1 SLOPE WITH A HEIGHT OF 16 INCHES AROUND THE WIRE, AND SMOOTH TO AN EVEN GRAVEL.
5. ONCE THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED, REMOVE ACCUMULATED SEDIMENT, AND ESTABLISH FINAL GRADING ELEVATIONS.
6. COMPACT THE AREA PROPERLY AND STABILIZED IT WITH GROUND COVER.

INSPECT INLETS DAILY AND AFTER EACH SIGNIFICANT (½ INCH OR GREATER) RAINFALL EVENT. CLEAR THE MESH WIRE OF ANY DEBRIS OR OTHER OBJECTS TO PROVIDE ADEQUATE FLOW FOR SUBSEQUENT RAINS. TAKE CARE NOT TO DAMAGE OR UNDERCUT THE WIRE MESH DURING SEDIMENT REMOVAL. REPLACE STONE AS NEEDED.



1 INLET PROTECTION
EC-3.1 SCALE: NTS

1. REMOVE AND PROPERLY DISPOSE OF ALL TREES, BRUSH, STUMPS, AND OTHER OBJECTIONABLE MATERIAL.
2. ENSURE THAT THE MINIMUM CONSTRUCTED CROSS SECTION MEETS ALL DESIGN REQUIREMENTS.
3. ENSURE THAT THE TOP OF THE DIKE IS NOT LOWER AT ANY POINT THAN THE DESIGN ELEVATION PLUS THE PROPOSED SETTLEMENT.
4. PROVIDE SUFFICIENT RUM AROUND DIVERSIONS TO PERMIT MACHINE REGRADING AND CLEANOUT.
5. VEGETATE THE RIDGE AND CHANNEL IMMEDIATELY AFTER CONSTRUCTION, UNLESS IT WILL REMAIN IN PLACE LESS THAN 30 WORKING DAYS.

1. DIVERSION TO BE USED TO CONVEY SEDIMENT LADEN WATER INTO AN APPROVED EROSION AND SEDIMENT CONTROL BMP.
2. IMMEDIATELY LINE AND STABILIZE BEFORE ANY DOWNSLOPE GRADING BEGINS (STABILIZATION MUST OCCUR BEFORE ISSUANCE OF A CERTIFICATE OF COMPLIANCE). STABILIZATION METHOD IS BASED ON VELOCITY OF DRAINAGE.
3. DIVERSIONS SHOULD ONLY BE USED FOR DRAINAGE AREAS 5 ACRES OR LESS.
4. MINIMUM LONGITUDINAL SLOPE OF DIVERSION SHALL BE 0.3%.
5. DEPTHS SHOWN SHALL BE FINAL AFTER SETTLEMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING DITCHES IN FIELD TO MEET DESIGN CRITERIA IF SETTLEMENT OCCURS.
6. REFER TO SKIMMER BASIN DETAIL FOR DIVERSION DITCH/SKIMMER BASIN ENTRANCE.

INSPECT TEMPORARY DIVERSIONS DAILY AND REPAIR, AS NECESSARY AND FOLLOWING EVERY RAINFALL EVENT OF GREATER THAN 1/2" WITHIN A 24HR PERIOD. IMMEDIATELY REMOVE SEDIMENT FROM THE FLOW AREA AND REPAIR THE DIVERSION RIDGE. CAREFULLY CHECK OUTLETS AND MAKE TIMELY REPAIRS AS NEEDED. WHEN THE AREA PROTECTED IS PERMANENTLY STABILIZED, REMOVE THE RIDGE AND THE CHANNEL TO BLEND WITH THE NATURAL GROUND LEVEL AND APPROPRIATELY STABILIZE IT.



2 TEMPORARY DIVERSION DITCH
EC-3.1 SCALE: NTS

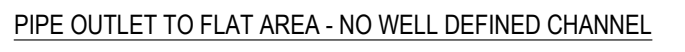
1. ALL PARTIALLY COMPLETED STORM DRAINS SHALL BE PROTECTED AT THE END OF EACH DAY IN ACCORDANCE WITH THESE DETAILS.
2. THIS IS NOT AN APPROVED NC METHOD OF INLET PROTECTION AND WILL ONLY BE USED TO PROTECT THE CONTRACTORS WORK OVERNIGHT. LONGER PERIODS OF PROTECTION WILL REQUIRE THE STONE INLET PROTECTION DETAIL PER THE NCDENR ESCPDM.



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

INSPECT RIP-RAP OUTLET STRUCTURES DAILY AND AFTER SIGNIFICANT (1/2 INCH OR GREATER) RAINFALL EVENTS TO SEE IF ANY EROSION AROUND OR BELOW THE RIPRAP HAS TAKEN PLACE, OR IF STONES HAVE BEEN DISLODGED. IMMEDIATELY MAKE ALL NEEDED REPAIRS TO PREVENT FURTHER DAMAGE.

- 1) L = THE LENGTH OF THE RIPRAP APRON.
- 2) d = 1.5 TIMES THE MAXIMUM STONE DIAMETER BUT NOT LESS THAN 6" (inches).
- 3) IN A WELL-DEFINED CHANNEL EXTEND THE APRON UP THE CHANNEL BANKS TO AN ELEVATION OF 6" (inches) ABOVE THE MAXIMUM TAILWATER DEPTH OR TO THE TOP OF THE BANK, WHICHEVER IS LESS.
- 4) A FILTER BLANKET OR FILTER FABRIC SHOULD BE INSTALLED BETWEEN THE RIPRAP AND SOIL FOUNDATION



6 RIP-RAP OUTLET PROTECTION
EC-3.1 SCALE: NTS

DETAIL REFERENCE 6.41 NC ESCPDM

1. PLACE STONE TO THE LINES AND DIMENSIONS SHOWN IN THE PLAN ON A FILTER FABRIC FOUNDATION.
2. KEEP THE CENTER STONE SECTION AT LEAST 9 INCHES BELOW NATURAL GROUND LEVEL WHERE THE DAM ABUTS THE CHANNEL BANKS.
3. EXTEND STONE AT LEAST 1.5 FEET BEYOND THE DITCH BANK TO KEEP WATER FROM CUTTING AROUND THE ENDS OF THE CHECK DAM.
4. SET SPACING BETWEEN DAMS TO ASSURE THAT THE ELEVATION AT THE TOP OF THE LOWER DAM IS THE SAME AS THE TOE ELEVATION OF THE UPPER DAM.
5. PROTECT THE CHANNEL AFTER THE LOWEST CHECK DAM FROM HEAVY FLOW THAT COULD CAUSE EROSION.
6. MAKE SURE THAT THE CHANNEL REACH ABOVE THE MOST UPSTREAM DAM IS STABLE.
7. ENSURE THAT OTHER AREAS OF THE CHANNEL, SUCH AS CULVERT ENTRANCES BELOW THE CHECK DAMS, ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONES.

INSPECT CHECK DAMS AND CHANNELS DAILY AND REPAIR, AS NECESSARY FOLLOWING EVERY RAINFALL EVENT OF GREATER THAN 1/2" WITHIN A 24HR PERIOD. CLEAN OUT SEDIMENT, STRAW, LIMBS, OR OTHER DEBRIS THAT COULD CLOG THE CHANNEL WHEN NEEDED.

ANTICIPATE SUBMERGENCE AND DEPOSITION ABOVE THE CHECK DAM AND EROSION FROM HIGH FLOWS AROUND THE EDGES OF THE DAM. CORRECT ALL DAMAGE IMMEDIATELY. IF SIGNIFICANT EROSION OCCURS BETWEEN DAMS, ADDITIONAL MEASURES CAN BE TAKEN SUCH AS, INSTALLING A PROTECTIVE RIPRAP LINER IN THAT PORTION OF THE CHANNEL (PRACTICE 6.31, RIPRAP-LINE AND PAVED CHANNELS).

REMOVE SEDIMENT ACCUMULATED BEHIND THE DAMS AS NEEDED TO PREVENT DAMAGE TO CHANNEL VEGETATION, ALLOW THE CHANNEL TO DRAIN THROUGH THE STONE CHECK DAM, AND PREVENT LARGE FLOWS FROM CARRYING SEDIMENT OVER THE DAM. ADD STONES TO DAMS AS NEEDED TO MAINTAIN DESIGN HEIGHT AND CROSS SECTION.



4 CHECK DAM
EC-3.1 SCALE: NTS

COIR FIBER WATTLE DETAIL



5 COIR FIBER WATTLE DETAIL
EC-3.1 SCALE: NTS

REVISIONS			
STATUS			
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DATE: AUGUST XX, 2025		HORIZ. SCALE: N.T.S.	
FILE NO. 2024-048		ORIG. SHEET SIZE: 24 x 36	

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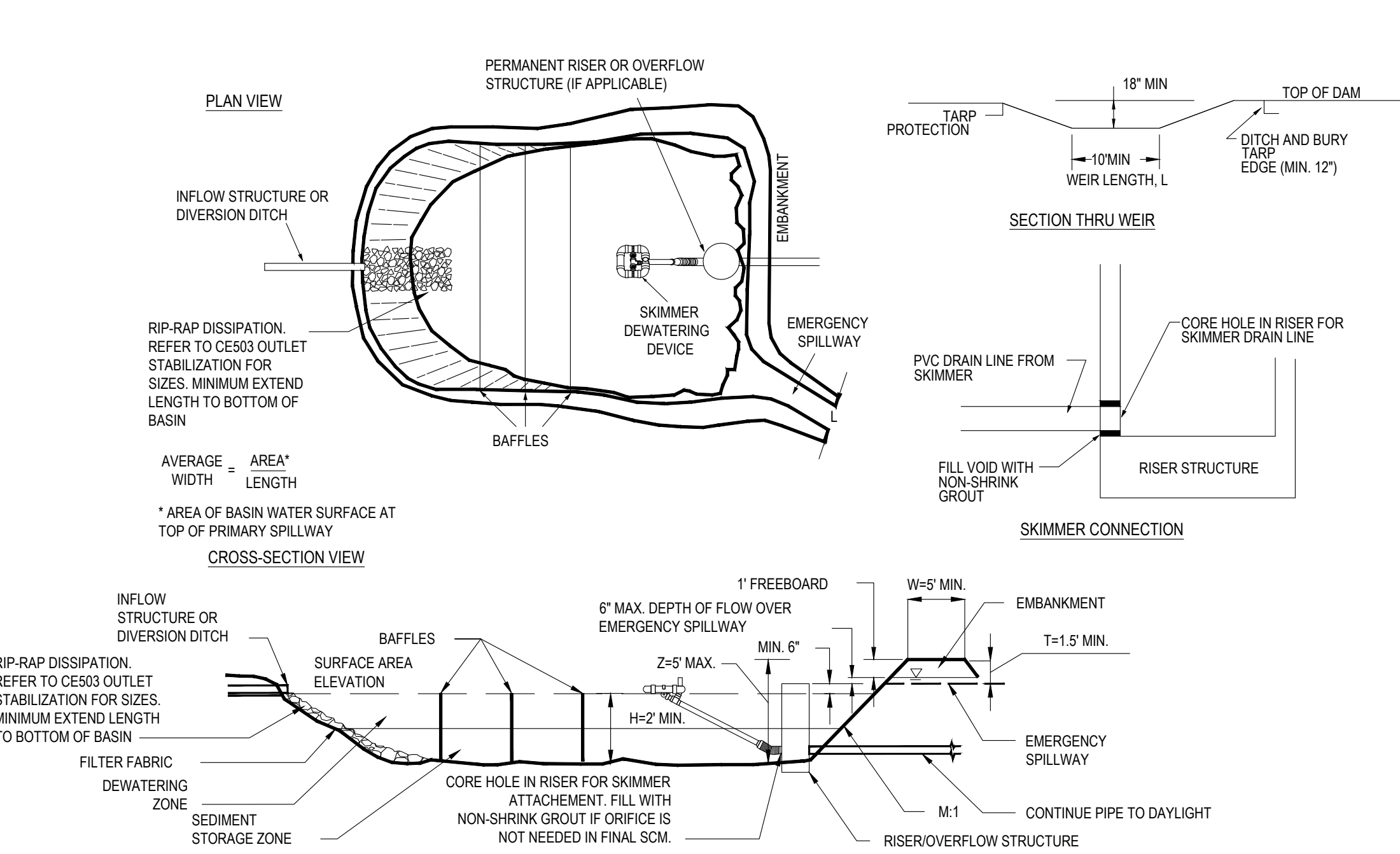
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Toccoa, GA 30577

Pruitt Properties, Inc.
1626 Jeurgens Court
Norcross, GA 30093

PRUITT TOWN CENTER EXPANSION

EROSION CONTROL DETAILS II

EC-3.1



GENERAL NOTES:
1. REFER TO NCSCPD SECTION #6.64 FOR ADDITIONAL DESIGN SPECIFICATIONS REGARDING SKIMMER SEDIMENT BASINS.

2. DEFINITIONS:
- H - DEPTH FROM BOTTOM BASIN TO SURFACE AREA ELEVATION
 - Z - HEIGHT OF BASIN
 - L - WIDTH OF EMERGENCY SPILLWAY
 - T - DISTANCE BETWEEN EMERGENCY SPILLWAY AND BERM
 - M - SIDE SLOPE
 - W - BERM WIDTH

MAINTENANCE

INSPECT SKIMMER SEDIMENT BASINS DAILY AND AFTER EACH SIGNIFICANT (ONE-HALF INCH OR GREATER) RAINFALL EVENT AND REPAIR IMMEDIATELY. REMOVE SEDIMENT AND RESTORE THE BASIN TO ITS ORIGINAL DIMENSIONS WHEN SEDIMENT ACCUMULATES TO ONE-HALF THE HEIGHT OF THE FIRST BAFFLE. PULL THE SKIMMER TO ONE SIDE SO THAT THE SEDIMENT UNDERNEATH IT CAN BE EXCAVATED. EXCAVATE THE SEDIMENT FROM THE ENTIRE BASIN, NOT JUST AROUND THE SKIMMER OR THE FIRST CELL. MAKE SURE VEGETATION GROWING IN THE BOTTOM OF THE BASIN DOES NOT HOLD DOWN THE SKIMMER.

REPAIR THE BAFFLES IF THEY ARE DAMAGED. RE-ANCHOR THE BAFFLES IF WATER IS FLOWING UNDERNEATH OR AROUND THEM.

IF THE SKIMMER IS CLOGGED WITH TRASH AND THERE IS WATER IN THE BASIN, USUALLY JERKING ON THE ROPE WILL MAKE THE SKIMMER BOB UP AND DOWN AND DISLODGE THE DEBRIS AND RESTORE FLOW. IF THIS DOES NOT WORK, PULL THE SKIMMER OVER TO THE SIDE OF THE BASIN AND REMOVE THE DEBRIS. ALSO CHECK THE ORIFICE INSIDE THE SKIMMER TO SEE IF IT IS CLOGGED; IF SO REMOVE THE DEBRIS.

IF THE SKIMMER ARM OR BARREL PIPE IS CLOGGED, THE ORIFICE CAN BE REMOVED AND THE OBSTRUCTION CLEARED WITH A PLUMBER'S SNAKE OR BY FLUSHING WITH WATER. BE SURE AND REPLACE THE ORIFICE BEFORE REPOSITIONING THE SKIMMER.

CHECK THE FABRIC LINED SPILLWAY FOR DAMAGE AND MAKE ANY REQUIRED REPAIRS WITH FABRIC THAT SPANS THE FULL WIDTH OF THE SPILLWAY. CHECK THE EMBANKMENT, SPILLWAYS, AND OUTLET FOR EROSION DAMAGE, AND INSPECT THE EMBANKMENT FOR PIPING AND SETTLEMENT. MAKE ALL NECESSARY REPAIRS IMMEDIATELY. REMOVE ALL TRASH AND OTHER DEBRIS FROM THE SKIMMER AND POOL AREAS.

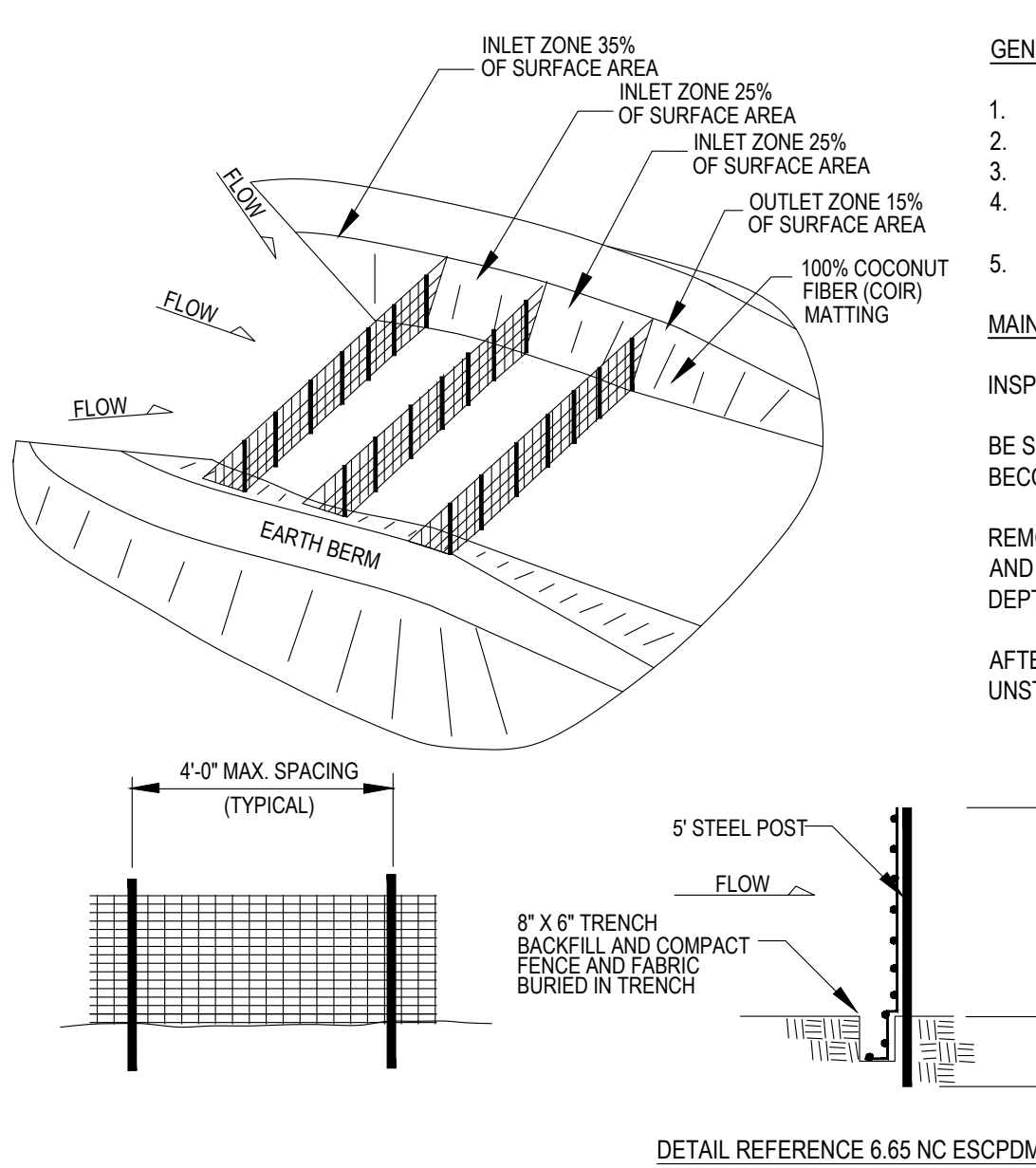
FREEZING WEATHER CAN RESULT IN ICE FORMING IN THE BASIN. SOME SPECIAL PRECAUTIONS SHOULD BE TAKEN IN THE WINTER TO PREVENT THE SKIMMER FROM PLUGGING WITH ICE.

DETAIL REFERENCE 6.64 NC ESCPDM

CONSTRUCTION SPECIFICATION

1. CLEAR, GRUB, AND STRIP THE AREA UNDER THE EMBANKMENT OF ALL VEGETATION AND ROOT MAT. REMOVE ALL SURFACE SOIL CONTAINING HIGH AMOUNTS OF ORGANIC MATTER AND STOCKPILE OR DISPOSE OF IT PROPERLY. HAUL ALL OBJECTIONABLE MATERIAL TO THE DESIGNATED DISPOSAL AREA. PLACE TEMPORARY SEDIMENT CONTROL MEASURES BELOW BASIN AS NEEDED.
2. ENSURE THAT FILL MATERIAL FOR THE EMBANKMENT IS FREE OF ROOTS, WOODY VEGETATION, ORGANIC MATTER, AND OTHER OBJECTIONABLE MATERIAL. PLACE THE FILL IN LIFTS NOT TO EXCEED 6 INCHES, AND MACHINE COMPACT IT. OVER FILL THE EMBANKMENT 6 INCHES TO ALLOW FOR SETTLEMENT.
3. SHAPE THE BASIN TO THE SPECIFIED DIMENSIONS. PREVENT THE SKIMMING DEVICE FROM SETTLING INTO THE MUD BY EXCAVATING A SHALLOW PIT UNDER THE SKIMMER OR PROVIDING A LOW SUPPORT UNDER THE SKIMMER OF STONE OR TIMBER.
4. CONDUIT SPILLWAYS (RISERS) - SECURELY ATTACH THE RISER TO THE BARREL OR BARREL STUB TO MAKE A WATERTIGHT STRUCTURAL CONNECTION. SECURE ALL CONNECTIONS BETWEEN THE BARREL SECTIONS BY APPROVED WATERTIGHT ASSEMBLIES. PLACE THE BARREL AND RISER ON FIRM, SMOOTH FOUNDATION OF IMPERVIOUS SOIL. DO NOT USE PERVIOUS MATERIAL SUCH AS SAND, GRAVEL OR CRUSHED STONE AS BACKFILL AROUND THE PIPE. PLACE THE FILL MATERIAL AROUND THE PIPE SPILLWAY IN 4-INCH LAYERS, AND COMPACT IT UNDER AND AROUND THE PIPE TO AT LEAST THE SAME DENSITY AS THE ADJACENT EMBANKMENT. CARE MUST BE TAKEN NOT TO RAISE THE PIPE FROM FIRM CONTACT WITH ITS FOUNDATION WHEN COMPACTING UNDER THE PIPE HAUNCHES. PLACE A MINIMUM DEPTH OF 2-FT OF COMPACTED BACKFILL OVER THE PIPE SPILLWAY BEFORE CROSSING IT WITH CONSTRUCTION EQUIPMENT. ANCHOR THE RISER IN PLACE BY CONCRETE OR ON OTHER SATISFACTORY MEANS TO PREVENT FLOTATION. IN NO CASE SHOULD THE PIPE CONDUIT BE INSTALLED BY CUTTING A TRENCH THROUGH THE DAM AFTER THE EMBANKMENT IS COMPLETE.
5. SKIMMER - PLACE THE BARREL (TYPICALLY 4-INCH SCHEDULE 40 PVC PIPE) ON A FIRM, SMOOTH FOUNDATION OF IMPERVIOUS SOIL. DO NOT USE PERVIOUS MATERIAL SUCH AS SAND, GRAVEL, OR CRUSHED STONE AS BACKFILL AROUND THE PIPE. PLACE THE FILL MATERIAL AROUND THE PIPE SPILLWAY IN 4-INCH LAYERS AND COMPACT IT UNDER AND AROUND THE PIPE TO AT LEAST THE SAME DENSITY AS THE ADJACENT EMBANKMENT. CARE MUST BE TAKEN NOT TO RAISE THE PIPE FROM THE FORM CONTACT WITH ITS FOUNDATION WHEN COMPACTING UNDER THE PIPE HAUNCHES. PLACE A MINIMUM DEPTH OF 2 FEET OF COMPACTED BACKFILL OVER THE PIPE SPILLWAY BEFORE CROSSING IT WITH CONSTRUCTION EQUIPMENT. IN NO CASE SHOULD THE PIPE CONDUIT BE INSTALLED BY CUTTING A TRENCH THROUGH THE DAM AFTER THE EMBANKMENT IS COMPLETE.
6. ASSEMBLE THE SKIMMER FOLLOWING THE MANUFACTURER'S INSTRUCTIONS, OR AS DESIGNED.
7. LAY THE ASSEMBLED SKIMMER ON THE BOTTOM OF THE BASIN WITH THE FLEXIBLE JOINT AT THE INLET OF THE BARREL PIPE. ATTACH THE FLEXIBLE JOINT TO THE BARREL PIPE AND POSITION THE SKIMMER OVER THE EXCAVATED PIT OR SUPPORT. BE SURE TO ATTACH A ROPE TO THE SKIMMER AND ANCHOR IT TO THE SIDE OF THE BASIN. THIS WILL BE USED TO PULL THE SKIMMER TO THE SIDE FOR MAINTENANCE.
8. EARTHEN SPILLWAYS - INSTALL THE SPILLWAY IN UNDISTURBED SOIL TO THE GREATEST EXTENT POSSIBLE. THE ACHIEVEMENT OF PLANNED ELEVATIONS, GRADE, DESIGN WIDTH, AND ENTRANCE AND EXIT CHANNEL SLOPES ARE CRITICAL TO THE SUCCESSFUL OPERATION OF THE SPILLWAY. THE SPILLWAY SHOULD BE LINED WITH LAMINATED PLASTIC OR IMPERMEABLE GEOTEXTILE FABRIC. THE FABRIC MUST BE WIDE AND LONG ENOUGH TO COVER THE BOTTOM AND SIDES AND EXTEND ON TO THE TOP OF THE DAM FOR ANCHORING IN A TRENCH. THE EDGES MAY BE SECURED WITH 8-INCH STAPLES OR PINS. THE FABRIC MUST BE LONG ENOUGH TO EXTEND DOWN THE SLOPE AND EXIT ON TO STABLE GROUND. THE WIDTH OF THE FABRIC MUST BE ONE PIECE, NOT JOINED OR SPLICED; OTHERWISE WATER CAN GET UNDER THE FABRIC. IF THE LENGTH OF THE FABRIC IS INSUFFICIENT FOR THE ENTIRE LENGTH OF THE SPILLWAY, MULTIPLE SECTIONS, SPANNING THE COMPLETE WIDTH, MAY BE USED. THE UPPER SECTION(S) SHOULD OVERLAP THE LOWER SECTION(S) SO THAT WATER CANNOT FLOW UNDER THE FABRIC. SECURE THE UPPER EDGE AND SIDES OF THE FABRIC IN A TRENCH WITH STAPLES OR PINS, ADAPTED FROM A MANUAL FOR DESIGNING, INSTALLING AND MAINTAINING SKIMMER SEDIMENT BASINS. FEBRUARY, 1999. J. W. FAIRCLOTH & SON.
9. INLETS - DISCHARGE WATER INTO THE BASIN IN A MANNER TO PREVENT EROSION. USE TEMPORARY SLOPE DRAINS OR DIVERSIONS WITH OUTLET PROTECTION TO DIVERT SEDIMENT-LADEN WATER TO THE UPPER END OF THE POOL AREA TO IMPROVE BASIN TRAP EFFICIENCY (REFERENCES: RUNOFF CONTROL MEASURES AND OUTLET PROTECTION).
10. EROSION CONTROL - CONSTRUCT THE STRUCTURE SO THAT THE DISTURBED AREA IS MINIMIZED. DIVERT SURFACE WATER AWAY FROM BARE AREAS. COMPLETE THE EMBANKMENT BEFORE THE AREA IS CLEARED. STABILIZE THE EMERGENCY SPILLWAY EMBANKMENT AND ALL OTHER DISTURBED AREAS ABOVE THE CREST OF THE PRINCIPAL SPILLWAY IMMEDIATELY AFTER CONSTRUCTION (REFERENCES: SURFACE STABILIZATION).
11. INSTALL POROUS BAFFLES AS SPECIFIED IN PRACTICE 6.65, POROUS BAFFLES.
12. AFTER ALL THE SEDIMENT-PRODUCING AREAS HAVE BEEN PERMANENTLY STABILIZED, REMOVE THE STRUCTURE AND ALL THE UNSTABLE SEDIMENT. SMOOTH THE AREA TO BLEND WITH THE ADJOINING AREAS AND STABILIZE PROPERLY (REFERENCES: SURFACE STABILIZATION).

1 SKIMMER SEDIMENT BASIN
EC-3.2 SCALE: NTS



GENERAL NOTES:

1. DRIVE 5' STEEL POST AT LEAST 24" INTO SOLID GROUND.
2. USE STAPLES 1' APART HORIZONTALLY AND VERTICALLY TO ATTACH THE FILTER FABRIC TO THE WIRE FENCE.
3. MINIMUM BAFFLE SPACING IS 10'.
4. THE FLOOR OF THE BASIN IN THE OUTLET ZONE AND BERMS SHOULD BE SEEDED IMMEDIATELY AFTER THE BASIN IS CONSTRUCTED.
5. REFER TO NCSCPD SECTION #6.65 FOR ADDITIONAL SPECIFICATIONS

MAINTENANCE

INSPECT BAFFLES DAILY AND AFTER EACH RAINFALL. MAKE ANY REQUIRED REPAIRS IMMEDIATELY.

BE SURE TO MAINTAIN ACCESS TO THE BAFFLES. SHOULD THE FABRIC OF A BAFFLE COLLAPSE, TEAR, DECOMPOSE, OR BECOME INEFFECTIVE, REPLACE IT PROMPTLY.

REMOVE SEDIMENT DEPOSITS WHEN IT REACHES HALF FULL TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE BAFFLES. TAKE CARE TO AVOID DAMAGING THE BAFFLES DURING CLEANOUT. SEDIMENT DEPTH SHOULD NEVER EXCEED HALF THE DESIGNED STORAGE DEPTH.

AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED, REMOVE ALL BAFFLE MATERIALS AND UNSTABLE SEDIMENT DEPOSITS. BRING THE AREA TO GRADE, AND STABILIZE IT.

CONSTRUCTION SPECIFICATION

1. GRADE THE BASIN SO THAT THE BOTTOM IS LEVEL FRONT TO BACK AND SIDE TO SIDE.
2. INSTALL POSTS OR SAW HORSES ACROSS THE WIDTH OF THE SEDIMENT TRAP (PRACTICE 6.62, SEDIMENT FENCE).
3. STEEL POSTS SHOULD BE DRIVEN TO A DEPTH OF 24 INCHES, SPACED A MAXIMUM OF 4 FEET APART, AND INSTALLED UP THE SIDES OF THE BASIN AS WELL. THE TOP OF THE FABRIC SHOULD BE 6 INCHES HIGHER THAN THE INVERT OF THE SPILLWAY. TOPS OF BAFFLES SHOULD BE 2 INCHES LOWER THAN THE TOP OF THE BERMS.
4. INSTALL AT LEAST THREE ROWS OF BAFFLES BETWEEN THE INLET AND OUTLET DISCHARGE POINT. BASINS LESS THAN 20 FEET IN LENGTH MAY USE 2 BAFFLES.
5. WHEN USING POSTS, ADD A SUPPORT WIRE OR ROPE ACROSS THE TOP OF THE MEASURE TO PREVENT SAGGING.
6. WRAP POROUS MATERIAL, LIKE JUTE BACKED BY COIR MATERIAL, OVER A SAWHORSE OR THE TOP WIRE. HAMMER REBAR INTO THE SAWHORSE LEGS FOR ANCHORING. THE FABRIC SHOULD HAVE FIVE TO TEN PERCENT OPENINGS IN THE WEAVE. ATTACH FABRIC TO A ROPE AND A SUPPORT STRUCTURE WITH ZIP TIES, WIRE, OR STAPLES.
7. THE BOTTOM AND SIDES OF THE FABRIC SHOULD BE ANCHORED IN A TRENCH OR PINNED WITH 8-INCH EROSION CONTROL MATTING STAPLES.
8. DO NOT SPLICE THE FABRIC, BUT USE A CONTINUOUS PIECE ACROSS THE BASIN.

2 POROUS BAFFLE
EC-3.2 SCALE: NTS

CONSTRUCTION SPECIFICATIONS

1. CLEAR THE ENTRANCE AND EXIT AREA OF ALL VEGETATION, ROOTS, AND OTHER OBJECTIONABLE MATERIAL AND PROPERLY GRADE IT.
2. PLACE THE GRAVEL TO THE SPECIFIC GRADE AND DIMENSIONS SHOWN ON THE PLANS, AND SMOOTH IT.
3. PROVIDE DRAINAGE TO CARRY WATER TO A SEDIMENT TRAP OR OTHER SUITABLE OUTLET.
4. USE GEOTEXTILE FABRICS BECAUSE THEY IMPROVE STABILITY OF THE FOUNDATION IN LOCATIONS SUBJECT TO SEEPAGE OR HIGH WATER TABLE.

MAINTENANCE

MAINTAIN THE GRAVEL PAD IN A CONDITION TO PREVENT MUD OR SEDIMENT FROM LEAVING THE CONSTRUCTION SITE. THIS MAY REQUIRE PERIODIC TOPDRESSING WITH 2-INCH STONE. AFTER EACH RAINFALL, INSPECT ANY STRUCTURE USED TO TRAP SEDIMENT DAILY AND CLEAN IT OUT AS NECESSARY. IMMEDIATELY REMOVE ALL OBJECTIONABLE MATERIALS SPILLED, WASHED, OR TRACKED ON TO PUBLIC ROADWAYS.

DETAIL REFERENCE 6.06 NC ESCPDM

CONSTRUCTION SPECIFICATIONS

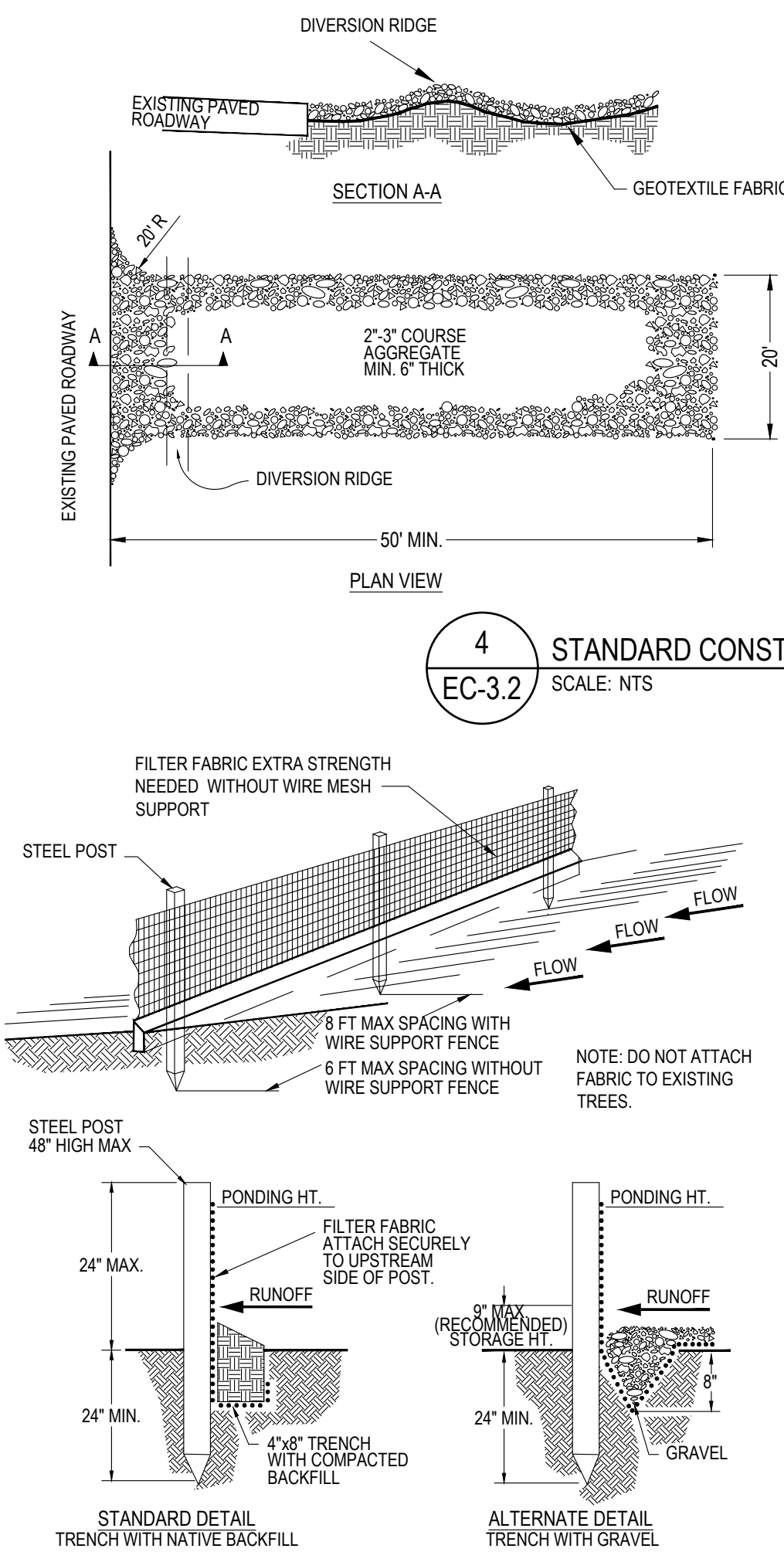
1. USE A SYNTHETIC FILTER FABRIC OF AT LEAST 95% BY WEIGHT OF POLYOLEFINS OR POLYESTER, WHICH IS CERTIFIED BY THE MANUFACTURER OR SUPPLIER AS CONFORMING TO THE REQUIREMENTS IN ASTM D 6461, WHICH IS SHOWN IN PART IN TABLE 6.62B. SYNTHETIC FILTER FABRIC SHOULD CONTAIN ULTRAVIOLET RAY INHIBITORS AND STABILIZERS TO PROVIDE A MINIMUM OF 6 MONTHS OF EXPECTED USEFUL CONSTRUCTION LIFE AT A TEMPERATURE RANGE OF 0 TO 120° F.
2. ENSURE THAT POSTS FOR SEDIMENT FENCES ARE 1.33 BILINEAR FT STEEL WITH A MINIMUM LENGTH OF 5 FEET. MAKE SURE THAT STEEL POSTS HAVE PROJECTIONS TO FACILITATE FASTENING THE FABRIC.
3. FOR REINFORCEMENT OF STANDARD STRENGTH FILTER FABRIC, USE WIRE FENCE WITH A MINIMUM 14 GAUGE AND A MAXIMUM MESH SPACING OF 6 INCHES.

MAINTENANCE

INSPECT SEDIMENT FENCES DAILY AND AFTER EACH RAINFALL EVENT. MAKE ANY REQUIRED REPAIRS IMMEDIATELY. SHOULD THE FABRIC OF A SEDIMENT FENCE COLLAPSE, TEAR, DECOMPOSE OR BECOME INEFFECTIVE, REPLACE IT PROMPTLY. REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE. TAKE CARE TO AVOID UNDERMINING THE FENCE DURING CLEANOUT. REMOVE ALL FENCING MATERIALS AND UNSTABLE SEDIMENT DEPOSITS AND BRING THE AREA TO GRADE AND STABILIZE IT AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.

DETAIL REFERENCE 6.62 NC ESCPDM

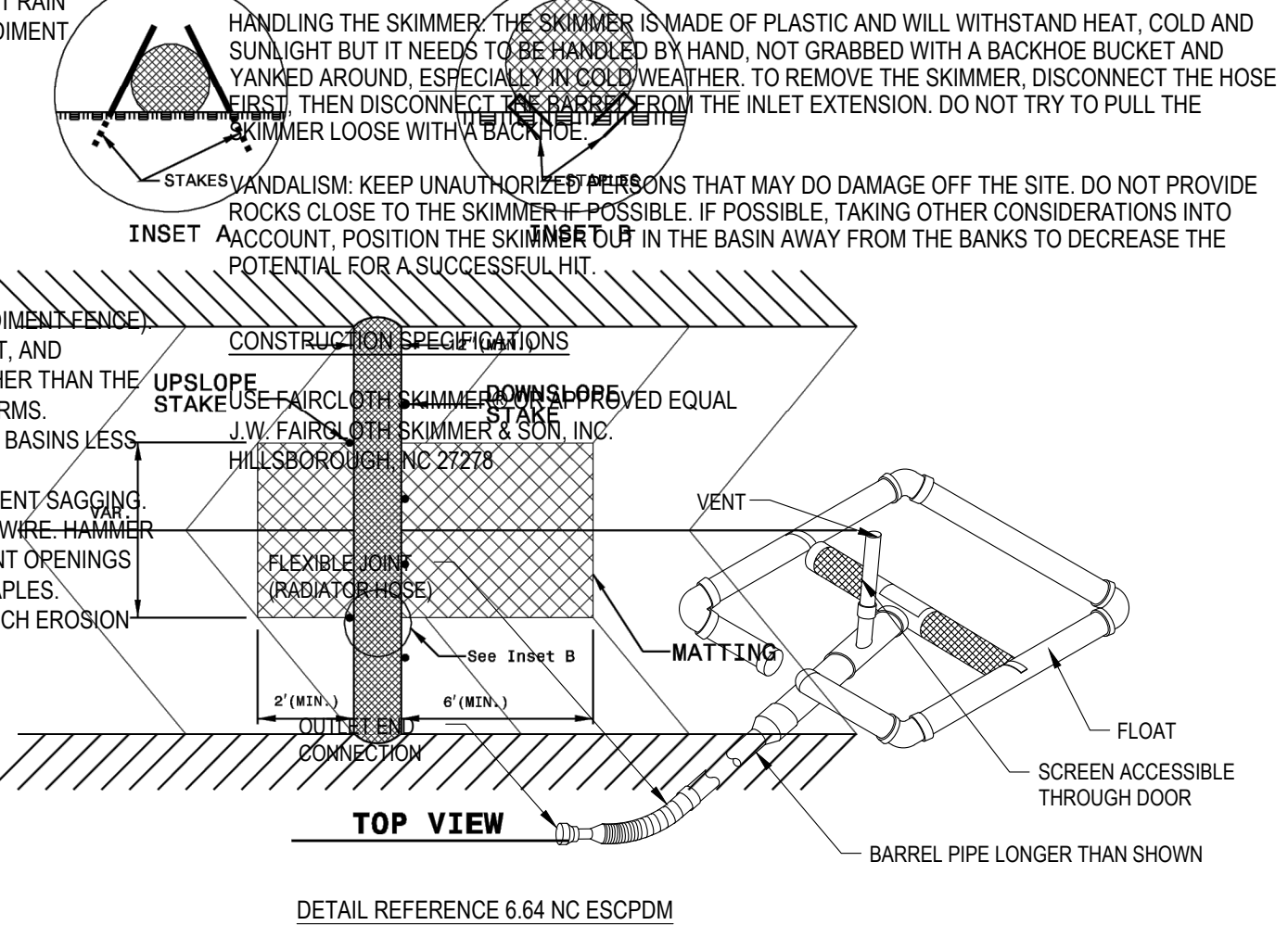
5 STANDARD TEMPORARY SILT FENCE
EC-3.2 SCALE: NTS



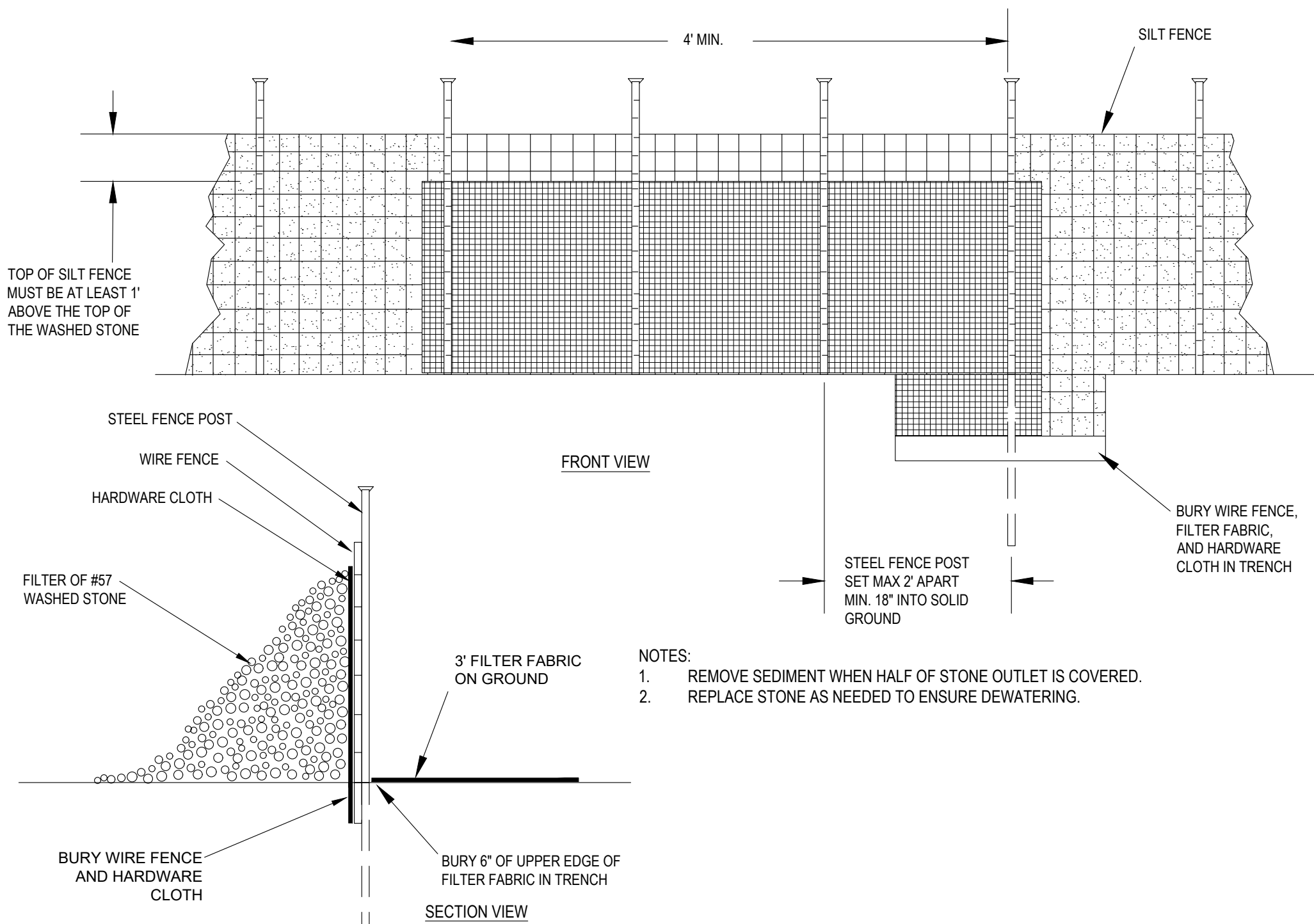
DETAIL REFERENCE 6.62 NC ESCPDM

NOTES:

- MAINTENANCE**
- USE MINIMUM 12 IN. DIAMETER COIR FIBER (COIR) MATTING. USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. NOMINAL CROSS SECTION. IF THE INLET SCREEN CLOSURES AND THERE IS WATER IN THE BASIN, TUGGING ON THE ROPE SEVERAL TIMES WILL USUALLY WASH THE TRASH OFF AND RESTORE FLOW. IF NOT, PULL THE INLET TO THE OUTLET SIDE OF THE BASIN. IF THE SCREEN CLOSURES, OPEN THE SCREEN DOOR AND WASH AROUND WATTLE AND SEDIMENT. TRASH OR SEDIMENT THAT DOES NOT GROW IN THE INLET. (YES, THIS IS A MINIMUM 6\"/>



3 DEWATERING SKIMMER
EC-3.2 SCALE: NTS



- NOTES:
1. REMOVE SEDIMENT WHEN HALF OF STONE OUTLET IS COVERED.
 2. REPLACE STONE AS NEEDED TO ENSURE DEWATERING.

6 STANDARD SILT FENCE OUTLET
EC-3.2 SCALE: NTS

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CONSTRUCTION DRAWINGS

PRUITT TOWN CENTER EXPANSION

EROSION CONTROL DETAILS III

EC-3.2

ONSITE CONCRETE WASHOUT STRUCTURE WITH LINER

SECTION A-A

NOTES:

1. ACTUAL LOCATION DETERMINED IN FIELD
2. THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY.
3. CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARLY MARKED WITH SIGNAGE NOTING DEVICE.

PLAN

BELOW GRADE WASHOUT STRUCTURE
NOT TO SCALE

SECTION B-B

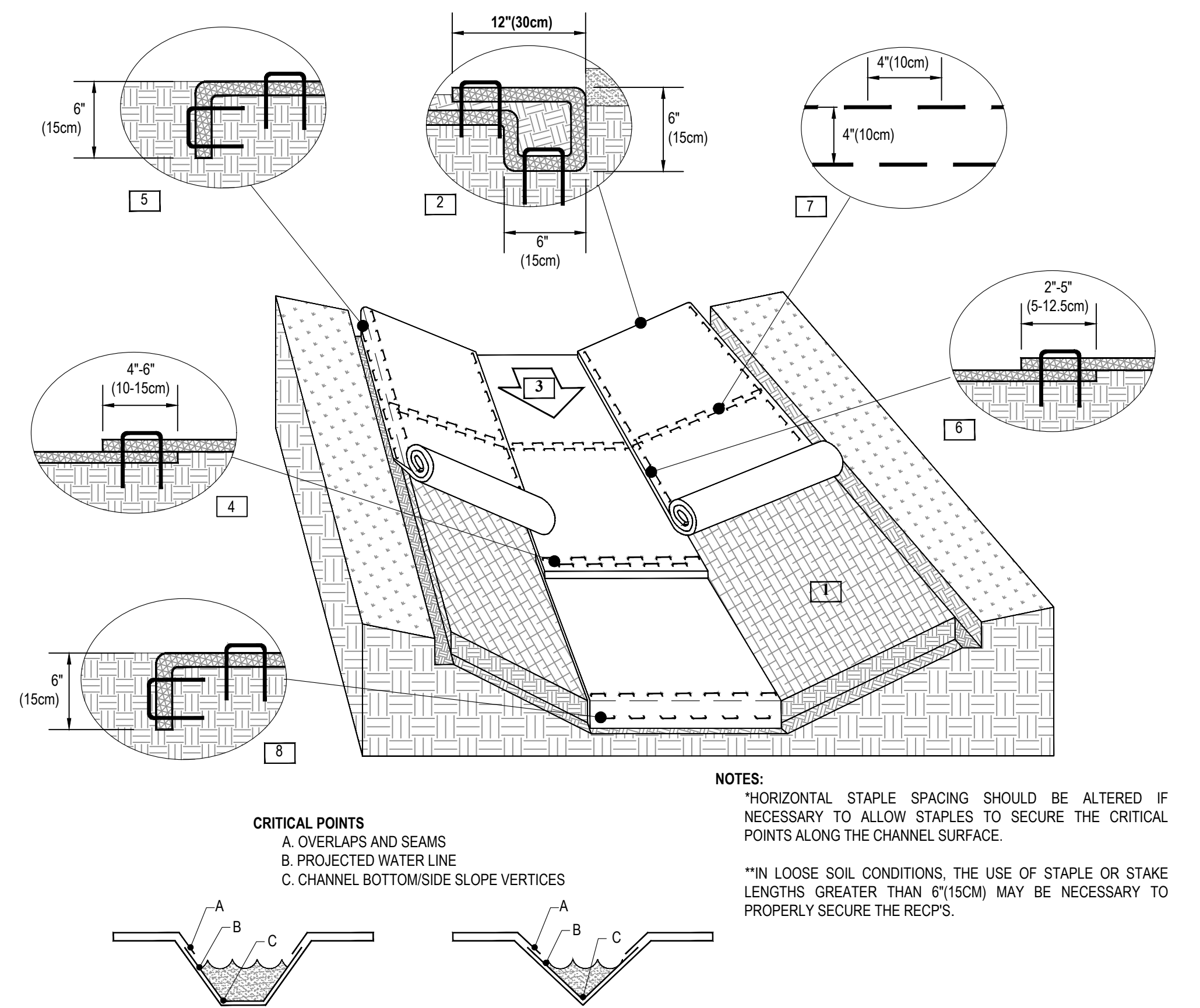
NOTES:

1. ACTUAL LOCATION DETERMINED IN FIELD
2. THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY TO PROVIDE ADEQUATE HOLDING CAPACITY WITH A MINIMUM 12 INCHES OF FREEBOARD.
3. CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARLY MARKED WITH SIGNAGE NOTING DEVICE.

PLAN

ABOVE GRADE WASHOUT STRUCTURE
NOT TO SCALE

**PRELIMINARY DESIGN
NOT FOR CONSTRUCTION**




1. PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (RECPs), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
2. BEGIN AT THE TOP OF THE CHANNEL BY ANCHORING THE RECPs IN A 6"(15CM) DEEP X 6"(15CM) WIDE TRENCH WITH APPROXIMATELY 12"(30CM) OF RECPs EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. USE SHORAMAT MAT AT THE CHANNEL/CULVERT OUTLET AS SUPPLEMENTAL SCOUR PROTECTION AS NEEDED. ANCHOR THE RECPs WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12"(30CM) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO THE COMPACTED SOIL AND FOLD THE REMAINING 12"(30CM) PORTION OF RECPs BACK OVER THE SEED AND COMPACTED SOIL. SECURE RECPs OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE RECPs.
3. ROLL CENTER RECPs IN DIRECTION OF WATER FLOW IN BOTTOM OF CHANNEL. RECPs WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL RECPs MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PLACEMENT GUIDE.
4. PLACE CONSECUTIVE RECPs END-OVER-END (SHINGLE STYLE) WITH A 4"-6" OVERLAP. USE A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4" ON CENTER TO SECURE RECPs.
5. FULL LENGTH EDGE OF RECPs AT TOP OF SIDE SLOPES MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12"(30CM) APART IN A 6"(15CM) DEEP X 6"(15CM) WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
6. RECPs MUST BE OVERLAPPED APPROXIMATELY 2'-5" (61-125CM) (DEPENDENT ON RECP TYPE) AND STAPLED.
7. IN HIGH FLOW CHANNEL APPLICATIONS A STAPLE CHECK SLOT IS RECOMMENDED AT 30 TO 40 FOOT (9 -12M) INTERVALS. USE A DOUBLE ROW OF STAPLES STAGGERED 4"(10CM) APART AND 4"(10CM) ON CENTER OVER ENTIRE WIDTH OF THE CHANNEL.
8. THE TERMINAL END OF THE RECPs MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30CM) APART IN A 6"(15CM) DEEP X 6"(15CM) WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.



Z:\PROJECTS FOLDER-ZEBULON\2024\048 PRUITT TOWN CENTER 59 BED EXPANSION - HARRISBURG\PLANS\SITE PLAN\SHEET FILES\EC-3.3 EROSION CONTROL DETAILS IV.DWG

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DATE: AUGUST XX, 2025		HORZ. SCALE: N.T.S.	
FILE NO. 2024-048		ORIG. SHEET SIZE: 24 x 36	

PROFESSIONAL'S SEAL




The seal is circular with a dashed outer border. Inside the border, the text "NORTH CAROLINA" is at the top and "ENGINEER" is at the bottom. In the center, the text "PRELIMINARY FOR REVIEW ONLY" is written in large, bold, black letters. Below this, the state number "026970" is printed. At the very bottom of the seal, the name "DONALD L. CURRY, JR." is inscribed.

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NC LIC. NO. P-0799

CLIENT



The logo for Pruitt Health features a stylized human figure in blue, with its arms raised to support a cluster of colorful, rounded shapes in shades of green, red, and grey, resembling a flower or a group of people. To the right of this icon, the word "Pruitt" is written in a bold, dark teal font, and the word "Health" is written in a lighter, grey font.

OWNER INFORMATION
The Heritage Properties at
Town Center, Inc.
 409 E. Doyle Street
 P.O. Box 1210
 Toccoa, GA 30577
Pruitt Properties, Inc.
 1626 Jeurgens Court
 Norcross, GA 30093

CONSTRUCTION DRAWINGS
PRUITT TOWN CENTER EXPANSION
EROSION CONTROL DETAILS IV

EC-3.3

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-measuring 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 (SDOs)	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.	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.	1. 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: a. Description, evidence and date of corrective actions taken, and b. Records of the required reports to the appropriate Division Regional Office per Part II, Section C, Item 2)(d) 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

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.

(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) 856-0368.

Occurrence	Reporting Timeframes (After Discovery) and Other Requirements
(a) Visible sediment deposition in a stream or wetland	• 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 designated waters conditions.
(b) Oil spills and release of hazardous substances per item 1(b)-(c) above	• 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))	• A report or 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))	• Within 24 hours , an oral or electronic notification.
(e) Noncompliance with the conditions of this permit that may endanger health or the environment (40 CFR 122.41)(7)(i))	• Within 7 calendar days , a report that includes an evaluation of the quality and effect of the bypass. • 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 recurrence of the noncompliance. (40 CFR 122.41)(8)(i). • Division staff may waive the requirement for a written report on a case-by-case basis.

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

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
• 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	• Permanent grass seed covered with straw or other mulches and tackifiers • Geotextile fabrics such as permanent soil reinforcement matting • Straw 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

1. Select flocculants that are appropriate for the soils being exposed during construction, selecting from the [NC DWR List of Approved PAMS/Flocculants](#).

2. Apply flocculants at or before the inlets to Erosion and Sediment Control Measures.

3. Apply flocculants at the concentrations specified in the [NC DWR List of Approved PAMS/Flocculants](#) and in accordance with the manufacturer's instructions.

4. Provide ponding area for containment of treated Stormwater before discharging offsite.

5. Store flocculants in leak-proof containers that are kept under storm-resistant cover or surrounded by secondary containment structures.

EQUIPMENT AND VEHICLE MAINTENANCE

1. Maintain vehicles and equipment to prevent discharge of fluids.

2. Provide drip pans under any stored equipment.

3. Identify leaks and repair as soon as feasible, or remove leaking equipment from the project.

4. Collect all spent fluids, store in separate containers and properly dispose as hazardous waste (recycle when possible).

5. Remove leaking vehicles and construction equipment from service until the problem has been corrected.

6. 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

1. Never bury or burn waste. Place litter and debris in approved waste containers.

2. Provide a sufficient number and size of waste containers (e.g. dumpster, trash receptacle) on site to contain construction and domestic wastes.

3. Locate waste containers at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.

4. 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.

5. Cover waste containers at the end of each workday and before storm events or provide secondary containment. Repair or replace damaged waste containers.

6. Anchor all lightweight items in waste containers during times of high winds.

7. Empty waste containers as needed to prevent overflow. Clean up immediately if containers overflow.

8. Dispose waste off-site at an approved disposal facility.

9. On business days, clean up and dispose of waste in designated waste containers.

PAINT AND OTHER LIQUID WASTE

1. Do not dump paint and other liquid waste into storm drains, streams or wetlands.

2. Locate paint washouts at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.

3. Contain liquid wastes in a controlled area.

4. Containment must be labeled, sized and placed appropriately for the needs of site.

5. Prevent the discharge of soaps, solvents, detergents and other liquid wastes from construction sites.

PORTABLE TOILETS

1. 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.

2. Provide staking or anchoring of portable toilets during periods of high winds or in high water conditions.

3. 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

1. 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.

2. Protect stockpile with silt fence installed along toe of slope with a minimum offset of five feet from the toe of stockpile.

3. Provide stable stone access point when feasible.

4. 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.

INSITE CONCRETE WASHOUT STRUCTURE WITH LINER

BELOW GRADE WASHOUT STRUCTURE

ABOVE GRADE WASHOUT STRUCTURE

CONCRETE WASHOUTS

1. Do not discharge concrete or cement slurry from the site.

2. Dispose of, or recycle settled, hardened concrete residue in accordance with local and state solid waste regulations and at an approved facility.

3. 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.

4. 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.

5. 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.

6. 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.

7. 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.

8. 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.

9. 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.

10. 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

1. Store and apply herbicides, pesticides and rodenticides in accordance with label restrictions.

2. 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.

3. 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.

4. Do not stockpile these materials onsite.

HAZARDOUS AND TOXIC WASTE

1. Create designated hazardous waste collection area on-site.

2. Place hazardous waste containers under cover or in secondary containment.

3. Do not store hazardous chemicals, drums or bagged materials directly on the ground.

NCG01 SELF-INSPECTION, RECORDKEEPING AND REPORTING

EFFECTIVE: 04/01/19

NCG01 GROUND STABILIZATION AND MATERIALS HANDLING

EFFECTIVE: 04/01/19

DEMLR Monitoring Form DEMLR Form Rev. 04/01/2019

Page 1 of 2

INSPECTION AND MONITORING RECORDS FOR ACTIVITIES UNDER STORMWATER GENERAL PERMIT NCG010000 AND SELF-INSPECTION RECORDS FOR LAND DISTURBING ACTIVITIES PER G.S. 113A-54.1

Project Name	Land Quality or Local Program Project #
Financially Responsible Party, (FRP) / Permittee	County
INSPECTOR	Name
Inspector Type (Mark) X	Address
FRP/Permittee	Phone Number
Agent/Designee	Email Address

PART 1A: Rainfall Data

Day / Date	Rain Amt (inches)
M	Daily Rainfall Required, except for Holidays or Weekends. If no rain, indicate with a "zero"
T	
W	
Th	
F	
Sat (Optional)	
Sun (Optional)	

PART 1B: Current Phase of Project

Phase of Grading check the applicable box(es)	X
Installation of perimeter erosion and sediment control measures	
Clearing and grubbing of existing ground cover	
Completion of any phase of grading of slopes or fills	
Installation of storm drainage facilities	
Completion of all land-disturbing activity, construction or development	
Permanent ground cover sufficient to restrain erosion has been established	

PART 1C: Signature of Inspector

By this signature, I certify in accordance with the NCG010000 permit & G.S. 113A-54.1 that this report is accurate and complete to the best of my knowledge.

Financially Responsible Party / Permittee or Agent / Designee

Date

GROUND STABILIZATION TIMEFRAMES

Site Area Description	Stabilization	Timeframe Variations
Perimeter dikes, swales and slopes	7 Days	None
High Quality Water (HQW) Zones	7 Days	None
Slopes Steeper than 3:1	7 Days	14 days for slopes 10 ft or less in length and not steeper than 2:1 10 days for Falls Lake Watershed
Slopes 3:1 to 4:1	14 Days	7 days for slopes greater than 50 ft in length, 10 days for Falls Lake Watershed
All other areas with slopes flatter than 4:1	14 Days	10 days for Falls Lake Watershed

DEMLR Monitoring Form DEMLR Form Rev. 04/01/2019

Page 2 of 2

PART 2A: EROSION AND SEDIMENTATION CONTROL MEASURES: Measures must be inspected at least ONCE PER 7 CALENDAR DAYS AND WITHIN 24 HOURS OF A RAINFALL EVENT EQUAL TO OR GREATER THAN 1.0 INCH PER 24 HOUR PERIOD.

Erosion and Sedimentation Control Measures Inspected

Measure ID or Location and Description	Operating Properly? (Y/N)	Any Repair or Maintenance Needed? (Y/N)	New Measures Installed? * Proposed Dimensions (ft.)	Actual Dimensions (ft.)	Significant Deviation from Plan? (Y/N)	Inspection Date	Describe Actions Needed Corrective actions should be performed as soon as possible and before the next storm event	Date Noted as Corrected

*New erosion and sedimentation control measures installed since the last inspection should be documented here or by initialing and dating each measure or practice shown on a copy of the approved erosion and sedimentation control plan. List Dimensions of Measures such as Sediment Basins and Riprap Aprons

PART 2B: STORMWATER DISCHARGE OUTFALLS (SDOs): SDOs must be inspected at least ONCE PER 7 CALENDAR DAYS AND WITHIN 24 HOURS OF A RAINFALL EVENT EQUAL TO OR GREATER THAN 1.0 INCH PER 24 HOUR PERIOD.

Stormwater Discharge Outfalls Inspected

Stormwater Discharge Outfall ID or Location	Any Visible Sedimentation in Streams or Wetlands or Outside Site Limits? (Y/N)	Any Increase in Stream Turbidity from Discharge? (Y/N)	Any Visible Erosion below SDO? (Y/N)	Any visible oil sheen, floating or suspended solids or discoloration? (Y/N)	Inspection Date	Report Visible Sedimentation to streams or wetlands to Land Quality within 24 Hours https://denr.nc.gov/central/regional-offices	Describe Actions Needed Corrective actions should be performed as soon as possible and before the next storm event	Date Noted as Corrected

PART 2C: GROUND STABILIZATION Must be recorded after each Phase of Grading

Areas Where Land Disturbance Has Been Completed or Temporarily Stopped	Time Limit for Ground Cover 7 days or 14 days	Is Ground Cover Sufficient to Restrain Erosion? (Y/N)	Inspection Date	Describe Actions Needed	Date Noted as Corrected

REVISIONS

NO.	DESCRIPTION	DATE

STATUS
FOR REGULATORY REVIEW ONLY
NOT FOR CONSTRUCTION

DATE: AUGUST XX, 2025
FILE NO: 2024-048

HORIZ. SCALE: N.T.S.
ORIG. SHEET SIZE: 24 x 36

PROFESSIONAL'S SEAL

PRELIMINARY
FOR REVIEW ONLY

026970

ENGINEER
DONALD L. CURRY, JR.

CONSULTANT

Curry

ENGINEERING

NC LIC. NO. P-0799

CLIENT

PruittHealth

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Fayetteville, NC 27526

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CONSTRUCTION DRAWINGS

PRUITT TOWN CENTER EXPANSION

EROSION CONTROL DETAILS V

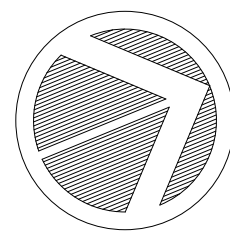
Z:\PROJECTS\FOLDER_ZEBULON\2024\2024-048 PRUITT TOWN CENTER 59 BED EXPANSION - HARRISBURG\PI\ANSISTE PLANS\SW-1.0 PRE-DEVELOPMENT DRAINAGE AREA MAP.DWG
PLOTTED: 9/10/2025 11:54 AM

GENERAL NOTES:

1. PLANIMETRICS & TOPOGRAPHY SHOWN PER SURVEYED INFORMATION SUPPLEMENTED WITH GIS.
2. EXISTING IMPERVIOUS AREA = 2.08 AC

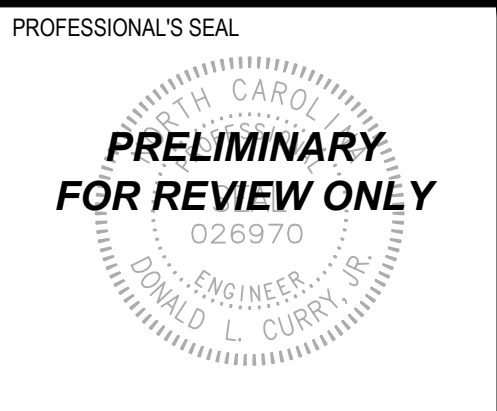
EXISTING PARCEL #2
AREA = 14.59 AC
EXIST. IMPERVIOUS
AREA = 0 AC

EXISTING PARCEL #1
AREA = 8.1 AC
EXIST. IMPERVIOUS
AREA = 2.08 AC



SCALE: 1 IN = 60 FT
0 30' 60' 120'
SCALE IN FEET
HORIZONTAL

REVISIONS	
STATUS FOR REGULATORY REVIEW ONLY NOT FOR CONSTRUCTION	
DATE: AUGUST XX, 2025	HORIZ. SCALE: 1" = 50'
FILE NO.: 2024-048	ORIG. SHEET SIZE: 24 x 36



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CONSTRUCTION DRAWINGS

PRUITT TOWN CENTER EXPANSION

PRE-DEVELOPMENT DRAINAGE AREA MAP

SW-1.0

- GENERAL NOTES:
1. PLANIMETRICS & TOPOGRAPHY SHOWN PER SURVEYED INFORMATION SUPPLEMENTED WITH GIS.
 2. PROPOSED IMPERVIOUS AREA = 3.85 AC

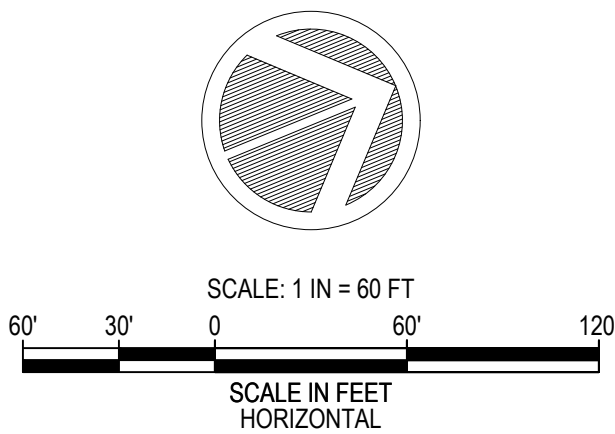
PROPOSED STORMWATER
TOTAL IMPERVIOUS % = 16.96 % BASED ON TOTAL
PROPERTY AREA OF 22.69 AC. THIS PROPERTY
QUALIFIES FOR LOW-DENSITY DESIGNATION
(<24%). ADDITIONAL STORMWATER CONTROL
MEASURES WILL BE IMPLEMENTED WHEN FUTURE
DEVELOPMENTS EXCEEDS THIS THRESHOLD.
PROPERTIES TO UTILIZE SHARED STORMWATER
AGREEMENT STIPULATING MAXIMUM ALLOWED
IMPERVIOUS.

PROPOSED PARCEL #2
AREA = 13.57 AC
PROP. IMPERVIOUS
AREA = 0 AC

PROPOSED PARCEL #1
AREA = 9.12 AC
EXIST. IMPERVIOUS
AREA = 3.85 AC

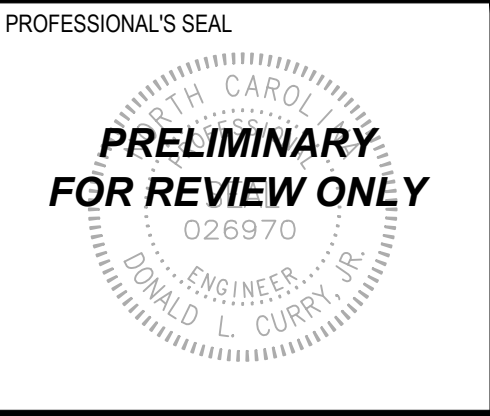
NEW PROPERTY LINE
TO BE ADDED IN
RECOMBINATION

OLD PROPERTY LINE
TO BE REMOVED IN
RECOMBINATION



Z:\PROJECTS\FOLDER_ZEBULON\2024\2024-048 PRUITT TOWN CENTER 49 BED EXPANSION - HARRISBURG\PLANS\SITE PLAN\SW-2.0 POST-DEVELOPMENT DRAINAGE AREA MAP.DWG
PLOTTED: 9/10/2025 11:54 AM

REVISIONS	
STATUS	
FOR REGULATORY REVIEW ONLY	
NOT FOR CONSTRUCTION	
DATE: AUGUST XX, 2025	HORIZ. SCALE: 1" = 50'
FILE NO: 2024-048	ORIG. SHEET SIZE: 24 x 36



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CONSTRUCTION DRAWINGS
PRUITT TOWN CENTER EXPANSION
POST-DEVELOPMENT DRAINAGE AREA MAP

SW-2.0