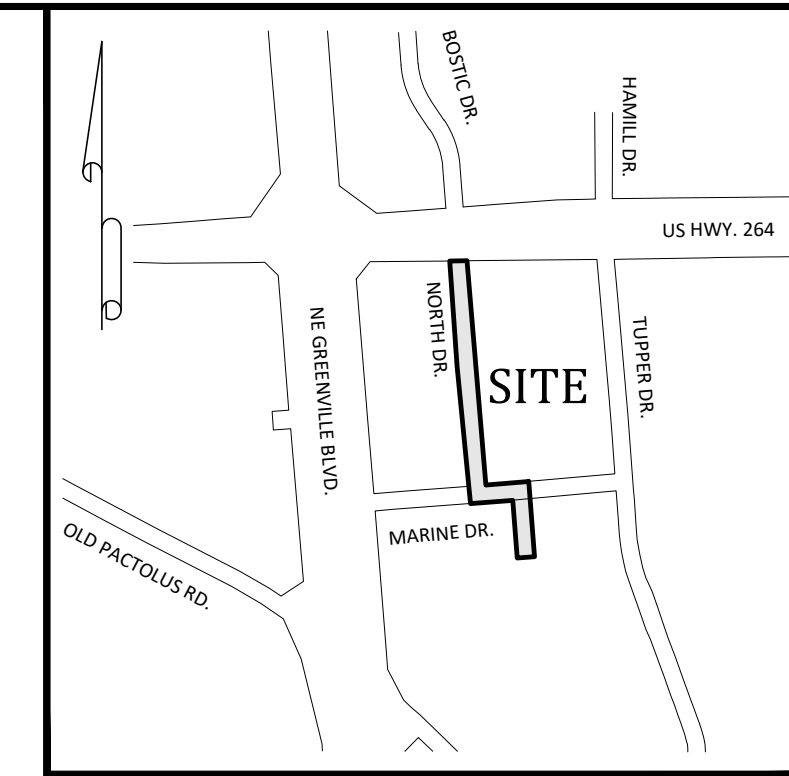
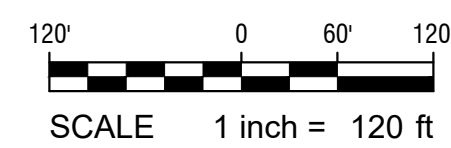


NORTHSIDE COMMERCIAL CENTER SANITARY SEWER EXTENSION CONSTRUCTION PLANS

Greenville Township, Pitt County, North Carolina



Vicinity Map
NOT TO SCALE



SHEET INDEX

Sheet No. C-1	Cover Sheet
Sheet No. C-2	Plan and Profiles
Sheet No. C-3	Plan and Profiles
Sheet No. C-4	Details
Sheet No. C-5	Details

Survey 1 Sheet
(Gary S. Miller and Associates, P.A. - Surveyor)

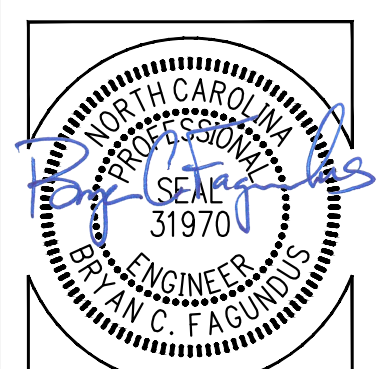
Survey Note:

BOUNDARY AND TOPOGRAPHIC INFORMATION SHOWN HEREON WAS PREPARED BY GARY S. MILLER AND ASSOCIATES, P.A., AS SHOWN ON DRAWING ENTITLED BOUNDARY AND TOPOGRAPHICAL SURVEY FOR BLACKWELDER PROPERTIES, LLC, DATED OCTOBER 1, 2020, ATTACHED TO THIS DRAWING SET FOR REFERENCE.

SANITARY SEWER MAIN EXTENSION

**NORTHSIDE COMMERCIAL CENTER
SANITARY SEWER EXTENSION**

Greenville Township, Pitt County, North Carolina



ARK CONSULTING GROUP, P.L.L.C.
ENGINEERS & PLANNERS
2755-B Charles Blvd
Greenville, NC 27858
(252) 558-0888
www.arkconsultinggroup.com

Project Manager: BCF
Drawn By: EW
Checked By: STA
Project Number: 20049
Drawing Number: D-1244

C-1

Date: 12-07-2020

#	DATE	COMMENTS
1	12/07/2021	REVISED TO ADD SERVICES FOR PN 27852 & 42309

REVISIONS:

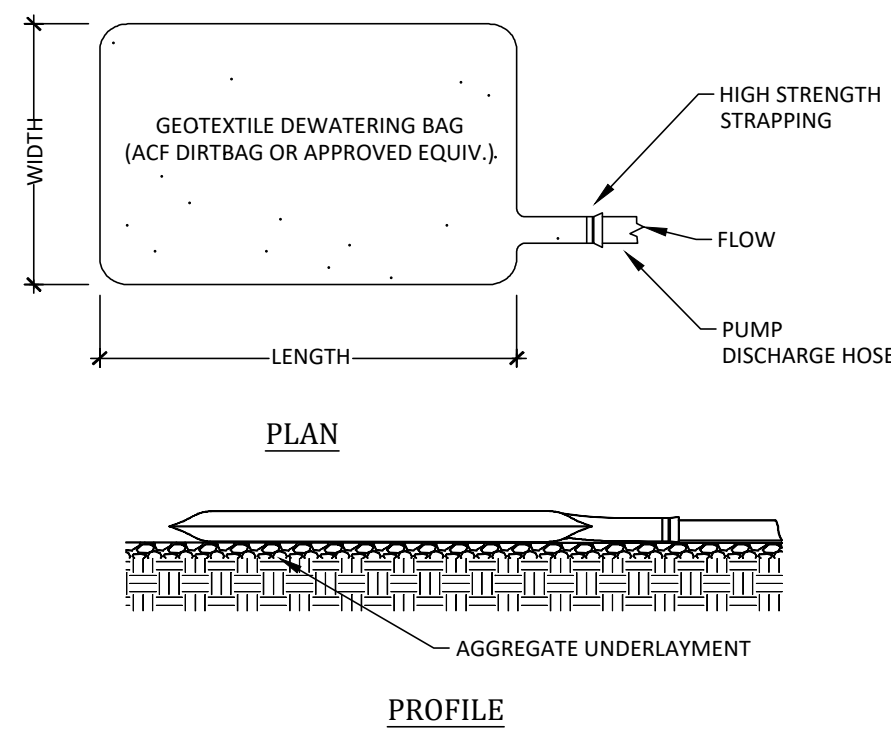
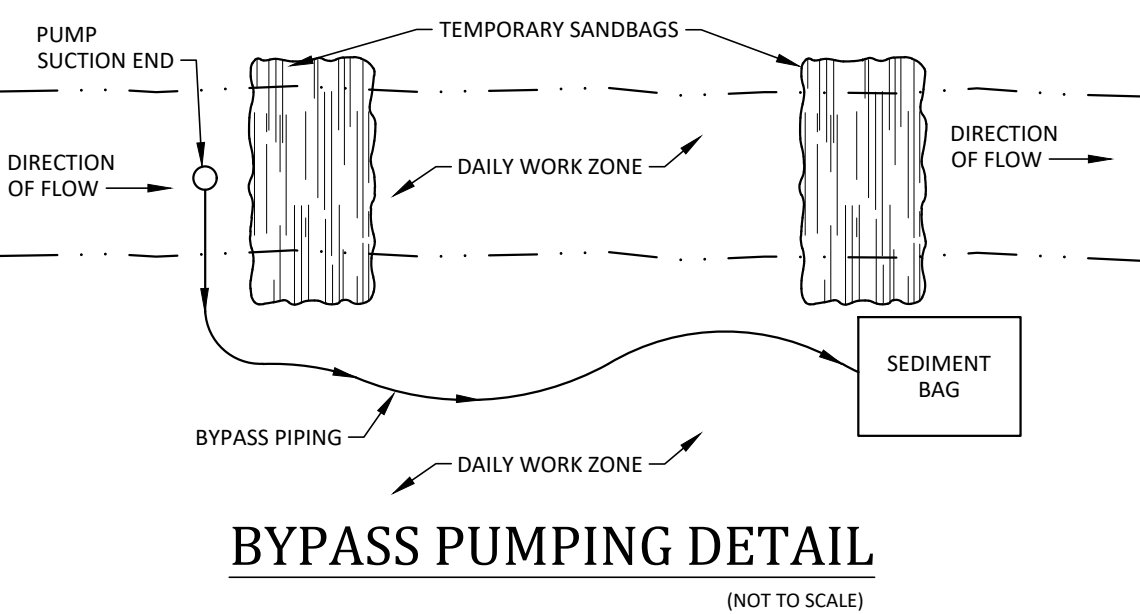


Legend:

EXISTING	PROPOSED
<ul style="list-style-type: none"> ○ EIP - EXISTING IRON PIPE ○ IPS - IRON PIPE SET ○ R/W - RIGHT OF WAY ○ B/B - BACK OF CURB TO BACK OF CURB ○ L/P - LIGHT POLE ○ P/P - POWER POLE ○ G/W/S - GUY WIRES ○ C/B - CATCH BASIN ○ M/M - MANHOLE ○ S/S - SANITARY SEWER ○ RCP - REINFORCED CONCRETE PIPE ○ P/L - PROPERTY LINE ○ U/G - UNDERGROUND ○ F/O - FIBER OPTIC WITNESS POST ○ E/V - ELECTRIC VAULT ○ E/T - ELECTRIC TRANSFORMER ○ E/T/S - ELECTRIC TRANSFORMERS ○ E/M - ELECTRIC METER ○ T/P - TELEPHONE PEDestal ○ F/H - FIRE HYDRANT ○ C/P - CABLE PEDESTAL ○ B/M - BENCHMARK ○ F/OV - FIBER OPTIC VAULT ○ F/OWP - FIBER OPTIC WITNESS POST ○ +304 - EXISTING SPOT ELEVATION ○ C/O - SEWER CLEAN OUT ○ V/P - VENT PIPE ○ PVC - POLYVINYL CHLORIDE (PLASTIC) PIPE ○ --- W --- WATER MAIN ○ --- X --- CHAINLINK FENCE ○ --- S --- SANITARY SEWER (MAIN OR SERVICE) ○ --- CO --- SANITARY SEWER CLEANOUT 	<ul style="list-style-type: none"> ○ (with circle) - PROPOSED MANHOLE ○ (with square) - PROPOSED SANITARY SEWER ○ (with triangle) - PROPOSED FIBER OPTIC WITNESS POST ○ (with diamond) - PROPOSED ELECTRIC VAULT ○ (with square) - PROPOSED ELECTRIC TRANSFORMER ○ (with circle) - PROPOSED ELECTRIC METER ○ (with square) - PROPOSED TELEPHONE PEDestal ○ (with circle) - PROPOSED FIRE HYDRANT ○ (with square) - PROPOSED CABLE PEDESTAL ○ (with circle) - PROPOSED BENCHMARK ○ (with square) - PROPOSED FIBER OPTIC VAULT ○ (with square) - PROPOSED FIBER OPTIC WITNESS POST ○ (with triangle) - PROPOSED EXISTING SPOT ELEVATION ○ (with circle) - PROPOSED SEWER CLEAN OUT ○ (with square) - PROPOSED VENT PIPE ○ (with circle) - PROPOSED POLYVINYL CHLORIDE (PLASTIC) PIPE ○ (with circle) - PROPOSED WATER MAIN ○ (with circle) - PROPOSED CHAINLINK FENCE ○ (with circle) - PROPOSED SANITARY SEWER (MAIN OR SERVICE) ○ (with circle) - PROPOSED SANITARY SEWER CLEANOUT

Stream Crossing Notes:

- INSTALL TEMPORARY SAND BAG COFFERDAMS ON UPSTREAM AND DOWNSTREAM SIDES OF PIPE CROSSING WITHIN STREAM BED. ALTERNATIVE COFFERDAMS OR SHEET PILING MAY BE UTILIZED BY CONTRACTOR WHEN APPROVED BY ENGINEER. CONTRACTOR SHALL BE RESPONSIBLE FOR COFFERDAM DESIGN.
- CONTRACTOR IS RESPONSIBLE FOR DEWATERING WITHIN STREAM BED. SHOULD DEWATERING BE ACCOMPLISHED BY PUMPING, CONTRACTOR SHALL DISCHARGE PUMPED WATER THROUGH A SEDIMENT CONTROL BAG.
- SEDIMENT CONTROL BAGS SHALL BE LOCATED WITHIN LIMITS OF 30' UTILITY EASEMENT.
- CONTRACTOR SHALL PERMANENTLY SEED AND INSTALL TURF REINFORCEMENT MAT (ADS GEOSYNTHETICS PPS-10 TRM OR EQUAL) TO STABILIZE ALL DISTURBED AREAS WITHIN THE RIPARIAN BUFFER.

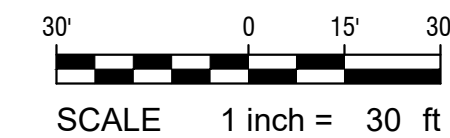
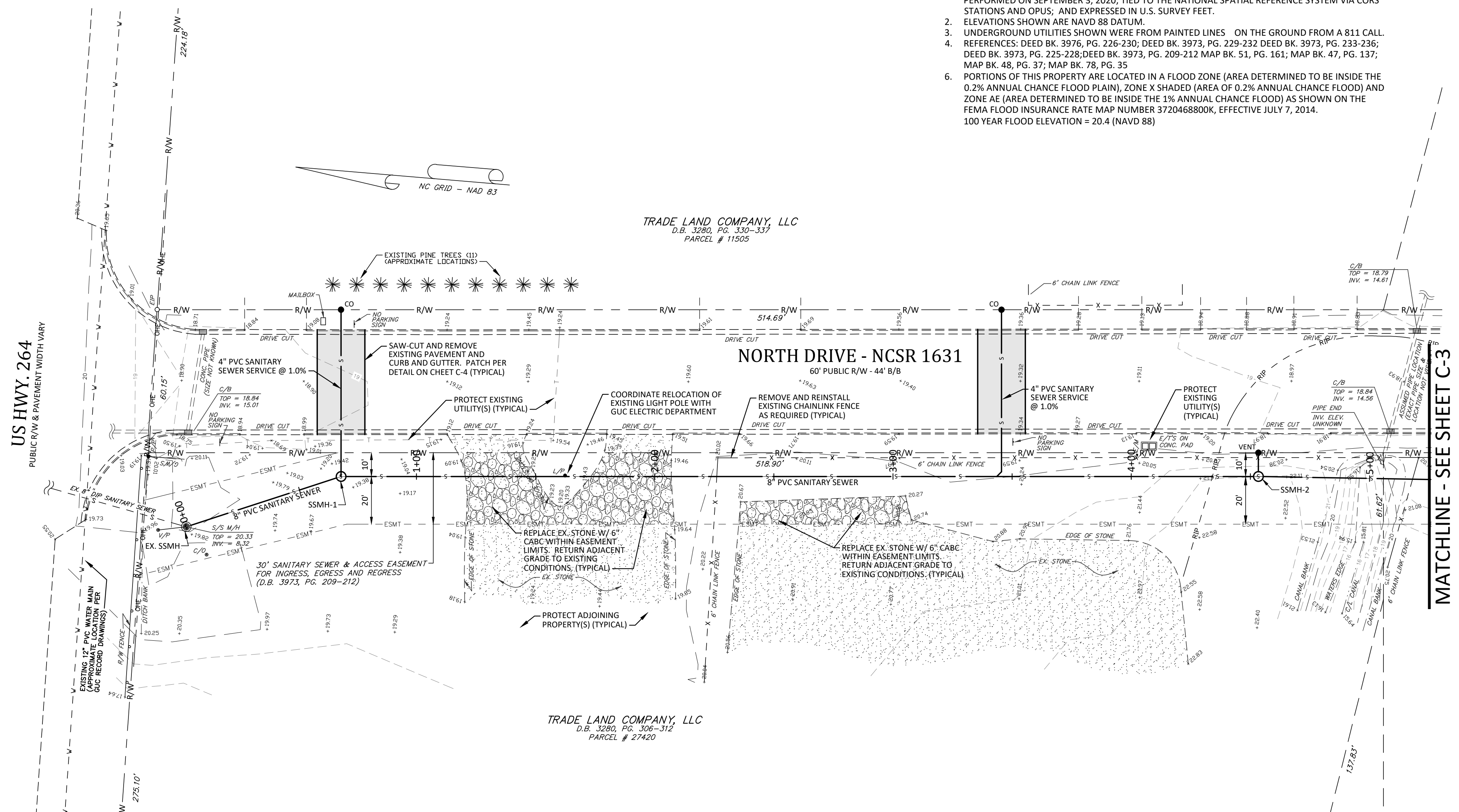


- NOTES:**
- THE DEWATERING BAG SHOULD BE PLACED SO THE INCOMING WATER FLOWS INTO AND THROUGH THE BAG, AND THEN FLOW OFF THE SITE WITHOUT CREATING MORE EROSION. THE NECK SHOULD BE TIED OFF TIGHTLY TO STOP THE WATER FROM FLOWING OUT OF THE BAG WITHOUT GOING THROUGH THE WALLS. THE DEWATERING BAG SHOULD BE PLACED ON A GRAVEL BED TO ALLOW WATER TO FLOW IN ALL DIRECTIONS.
 - THE DEWATERING BAG IS CONSIDERED FULL AND SHOULD BE DISPOSED WHEN IT IS IMPRACTICAL FOR THE BAG TO FILTER THE SEDIMENT OUT AT A REASONABLE FLOW RATE. AT THIS POINT, IT SHOULD BE REPLACED WITH A NEW BAG.
 - BAG SHALL BE DISPOSED OF IN A LEGAL MANNER.
- MATERIALS:**
- THE GEOTEXTILE FABRIC SHALL BE A TYPE GD-IV.
 - THE DEWATERING BAG SHALL BE SEWN WITH A DOUBLE NEEDLE MACHINE USING HIGH STRENGTH THREAD. ALL STRUCTURAL SEAMS WILL BE SEWN WITH HIGH STRENGTH, DOUBLE STITCHED "J" TYPE. SEAM STRENGTH TEST WILL HAVE THE FOLLOWING MINIMUM AVERAGE ROLL VALUES:

TYPE	TEST METHOD	TEST RESULT
HEAVY DUTY	ASTM D-4884	100 LB/IN

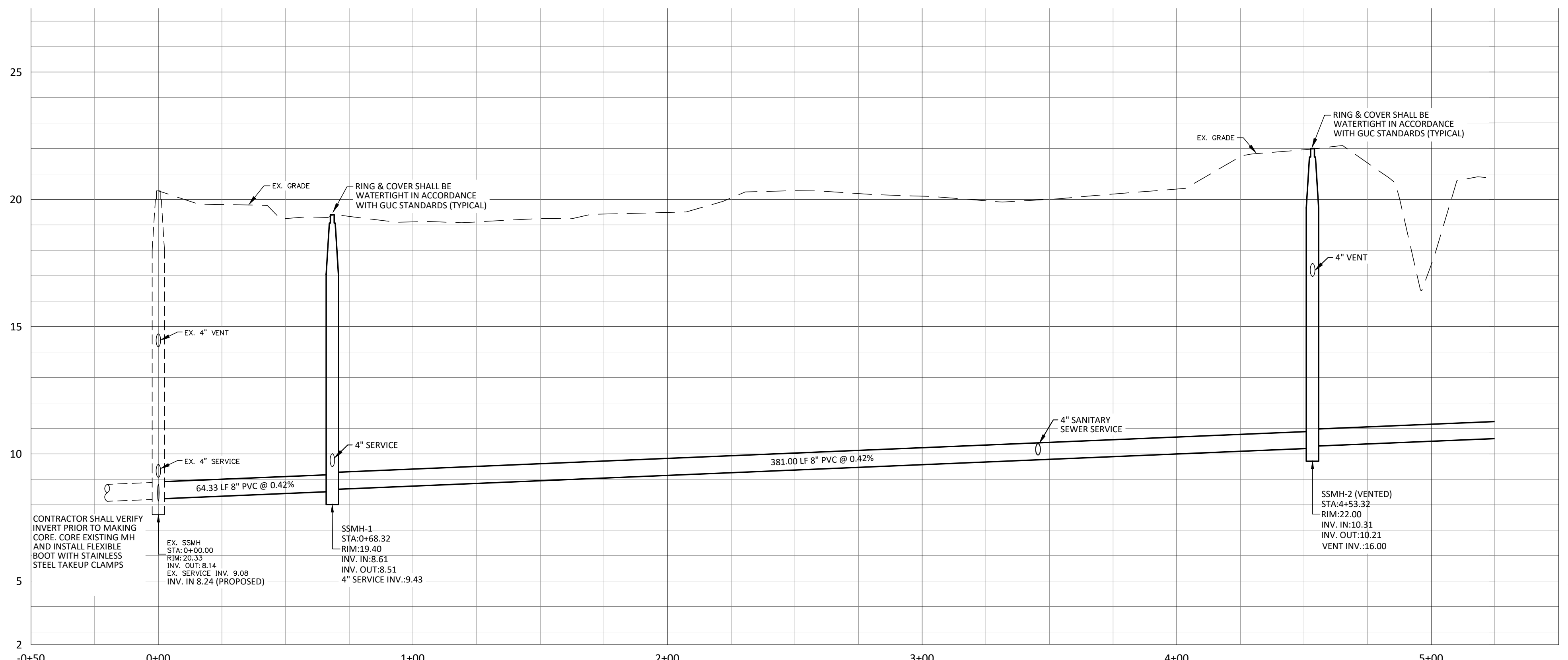
- THE DEWATERING BAG SHALL HAVE AN OPENING LARGE ENOUGH TO ACCOMMODATE A FOUR (4) INCH DISCHARGE HOSE WITH ATTACHED STRAP TO TIE OFF THE HOSE TO PREVENT THE PUMPED WATER FROM ESCAPING FROM THE BAG WITHOUT BEING FILTERED.

GEOTEXTILE DEWATERING BAG
NOT TO SCALE



Survey Notes:

- BASIS OF THE BEARINGS AND COORDINATES IS THE NORTH CAROLINA STATE PLANE COORDINATE SYSTEM, NORTH AMERICAN DATUM (NAD 83/2011) BASED ON DIFFERENTIAL GPS OBSERVATIONS PERFORMED ON SEPTEMBER 3, 2020; TIED TO THE NATIONAL SPATIAL REFERENCE SYSTEM VIA CORS STATIONS AND OPUS; AND EXPRESSED IN U.S. SURVEY FEET.
- ELEVATIONS SHOWN ARE NAVD 88 DATUM.
- UNDERGROUND UTILITIES SHOWN WERE FROM PAINTED LINES ON THE GROUND FROM A 811 CALL.
- REFERENCES: DEED BK. 3976, PG. 226-230; DEED BK. 3973, PG. 229-232 DEED BK. 3973, PG. 233-236; DEED BK. 3973, PG. 225-228; DEED BK. 3973, PG. 209-212 MAP BK. 51, PG. 161; MAP BK. 47, PG. 137; MAP BK. 48, PG. 37; MAP BK. 78, PG. 35
- PORTIONS OF THIS PROPERTY ARE LOCATED IN A FLOOD ZONE (AREA DETERMINED TO BE INSIDE THE 0.2% ANNUAL CHANCE FLOOD PLAIN), ZONE X SHADED (AREA OF 0.2% ANNUAL CHANCE FLOOD) AND ZONE AE (AREA DETERMINED TO BE INSIDE THE 1% ANNUAL CHANCE FLOOD) AS SHOWN ON THE FEMA FLOOD INSURANCE RATE MAP NUMBER 3720468800K, EFFECTIVE JULY 7, 2014.
- 100 YEAR FLOOD ELEVATION = 20.4 (NAVD 88)



SCALE:
HORIZONTAL: 1"=30'
VERTICAL: 1"=3'

COMMENTS

DATE: 1/20/2021

REVISED TO ADD SERVICES FOR PN 27852 & 42389

REVISIONS:

PLAN AND PROFILES

NORTHSIDE COMMERCIAL CENTER

SANITARY SEWER EXTENSION

Greenville Township, Pitt County, North Carolina

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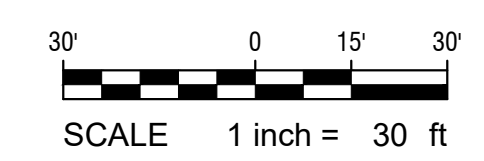
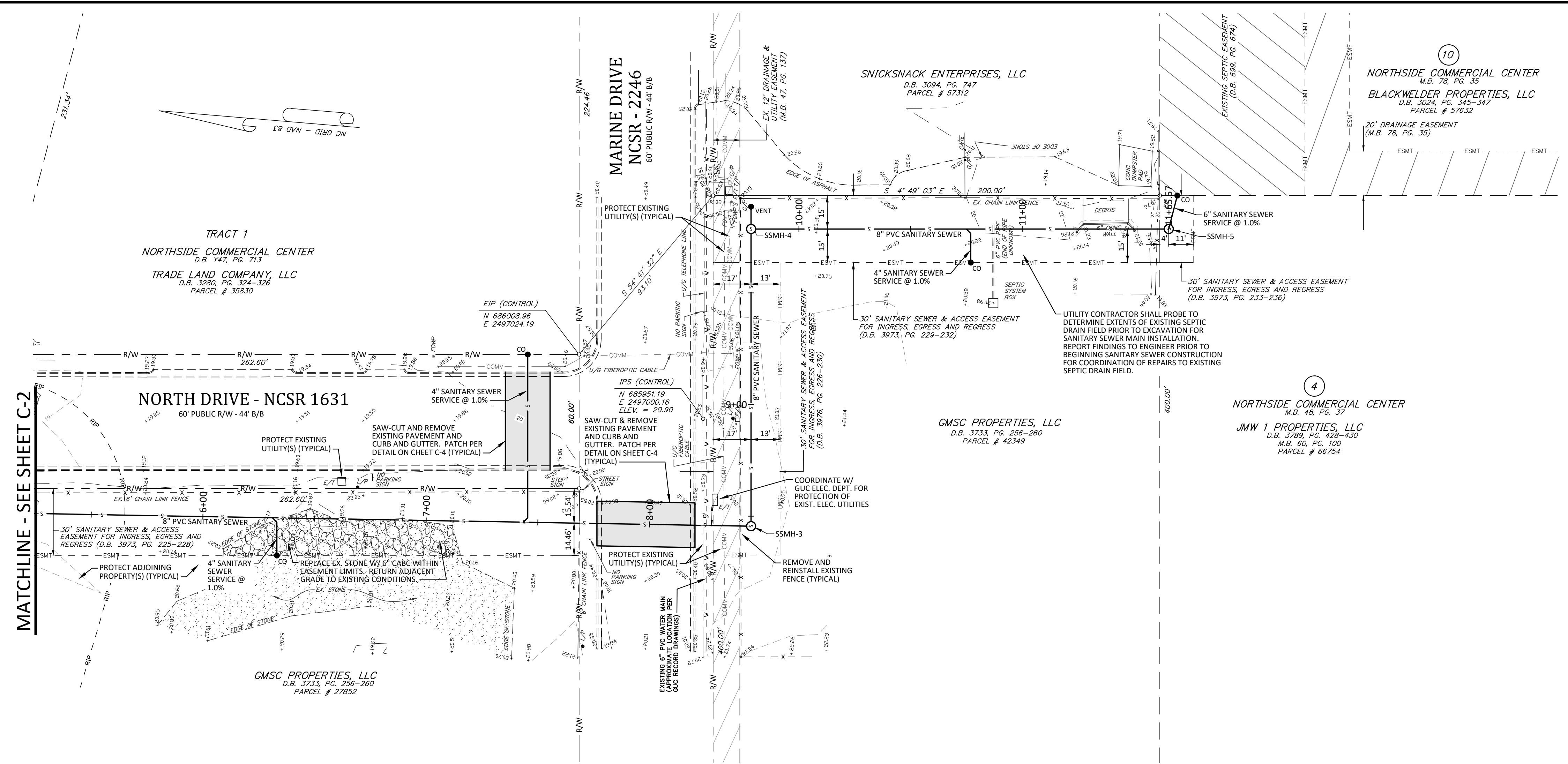
Drawing Number: D-1244

C-2

Date: 12-07-2020

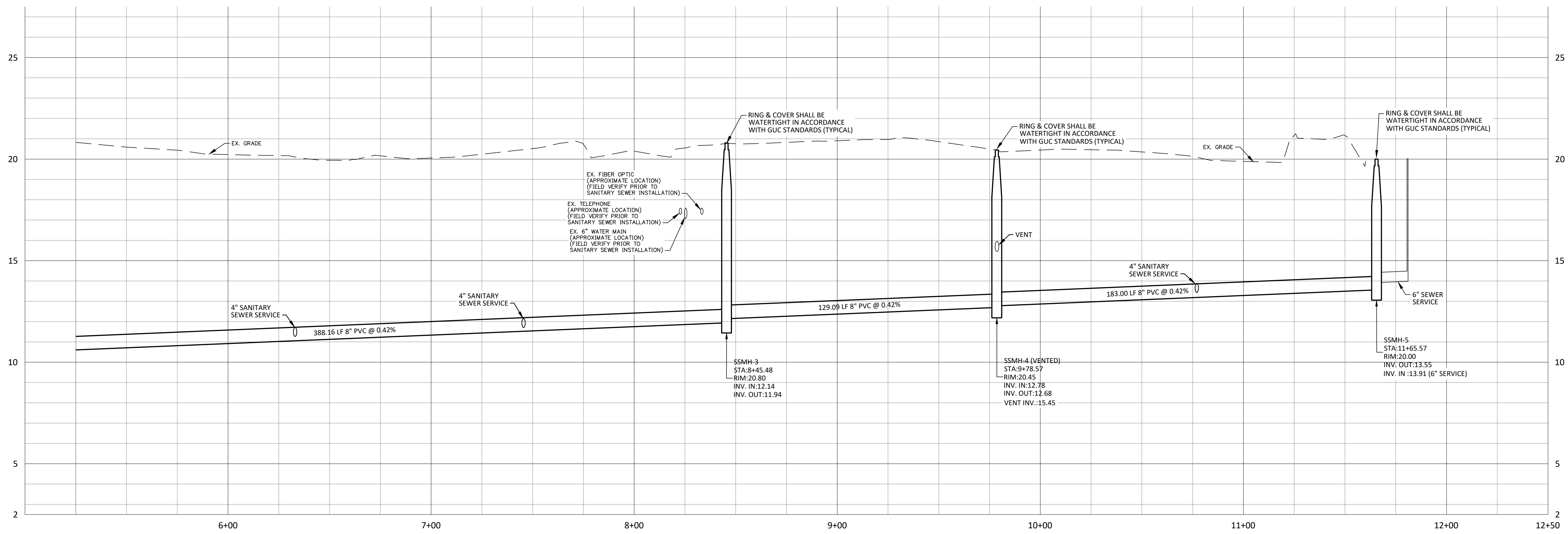
Legend:

- | | |
|---|----------|
| EXISTING | PROPOSED |
| ○ EIP - EXISTING IRON PIPE | |
| ○ IPS - IRON PIPE SET | |
| ○ R/W - RIGHT OF WAY | |
| ○ B/B - BACK OF CURB TO BACK OF CURB | |
| ○ L/P - LIGHT POLE | |
| ○ P/P - POWER POLE | |
| ○ G/W/S - GUY WIRES | |
| ○ C/B - CATCH BASIN | |
| ○ M/H - MANHOLE | |
| ○ S/S - SANITARY SEWER | |
| ○ RCP - REINFORCED CONCRETE PIPE | |
| ○ P/L - PROPERTY LINE | |
| ○ U/G - UNDERGROUND | |
| ○ F/O - FIBER OPTIC WITNESS POST | |
| ○ E/V - ELECTRIC VAULT | |
| ○ E/T - ELECTRIC TRANSFORMER | |
| ○ E/T/S - ELECTRIC TRANSFORMERS | |
| ○ E/M - ELECTRIC METER | |
| ○ T/P - TELEPHONE PEDESTAL | |
| ○ F/H - FIRE HYDRANT | |
| ○ C/P - CABLE PEDESTAL | |
| ○ B/M - BENCHMARK | |
| ○ FOV - FIBER OPTIC VAULT | |
| ○ FOWP - FIBER OPTIC WITNESS POST | |
| ○ +314 - EXISTING SPOT ELEVATION | |
| ○ C/O - SEWER CLEAN OUT | |
| ○ V/P - VENT PIPE | |
| ○ P/C - POLYVINYL CHLORIDE (PLASTIC) PIPE | |
| ○ - - - WATER MAIN | |
| ○ - - - CHAINLINK FENCE | |
| ○ - - - SANITARY SEWER (MAIN OR SERVICE) | |
| ○ - - - SANITARY SEWER CLEANOUT | |

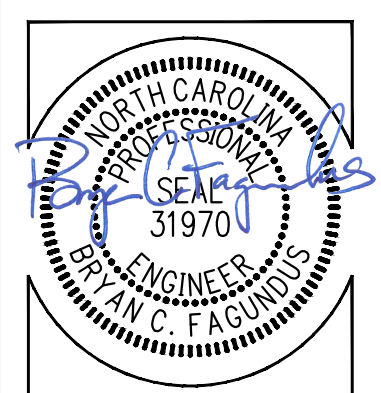


PLAN AND PROFILES

**NORTHSIDE COMMERCIAL CENTER
SANITARY SEWER EXTENSION**
Greenville Township, Pitt County, North Carolina



SCALE:
HORIZONTAL: 1"=30'
VERTICAL: 1"=3'



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Drawing Number: D-1244

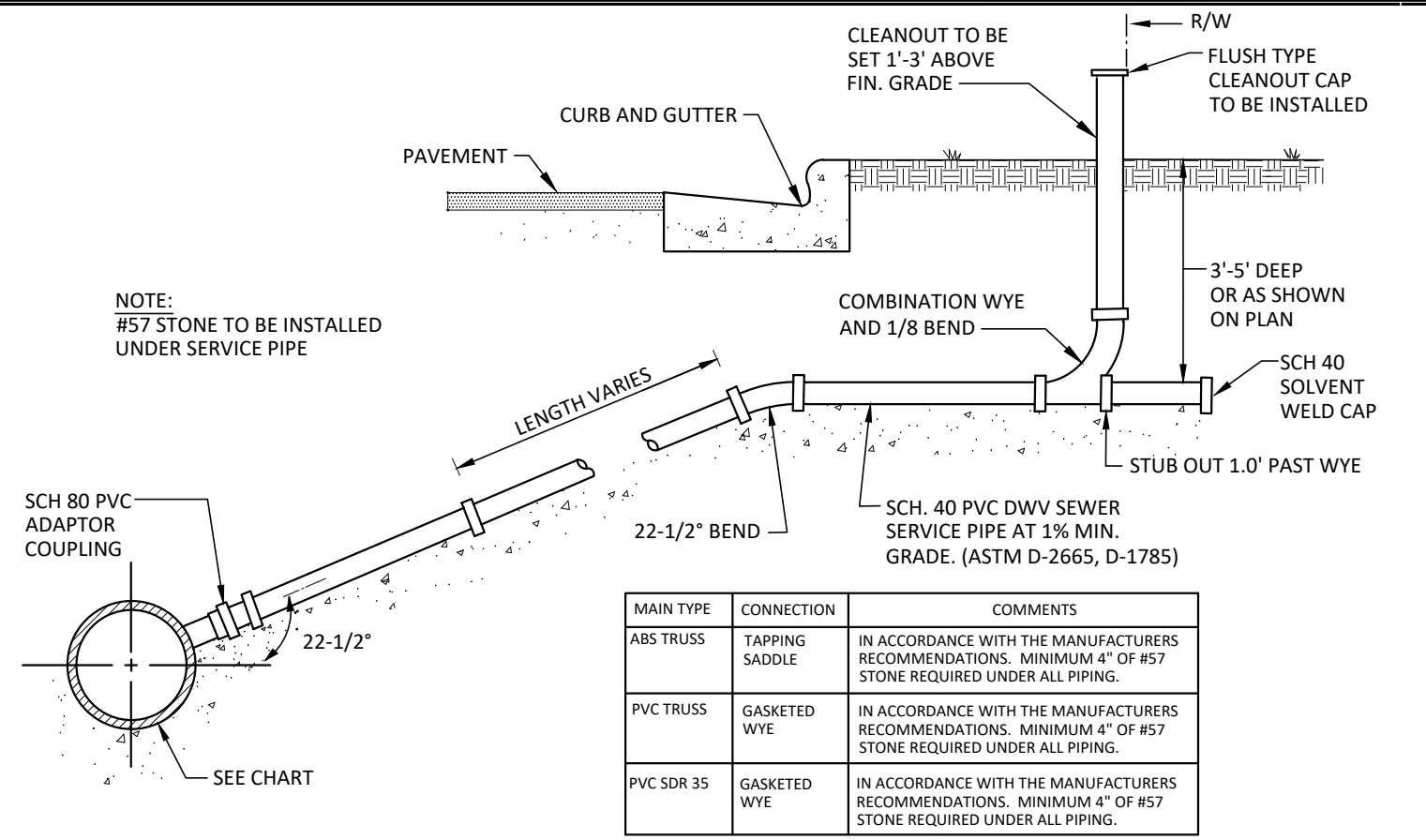
C-3

Date: 12-07-2020

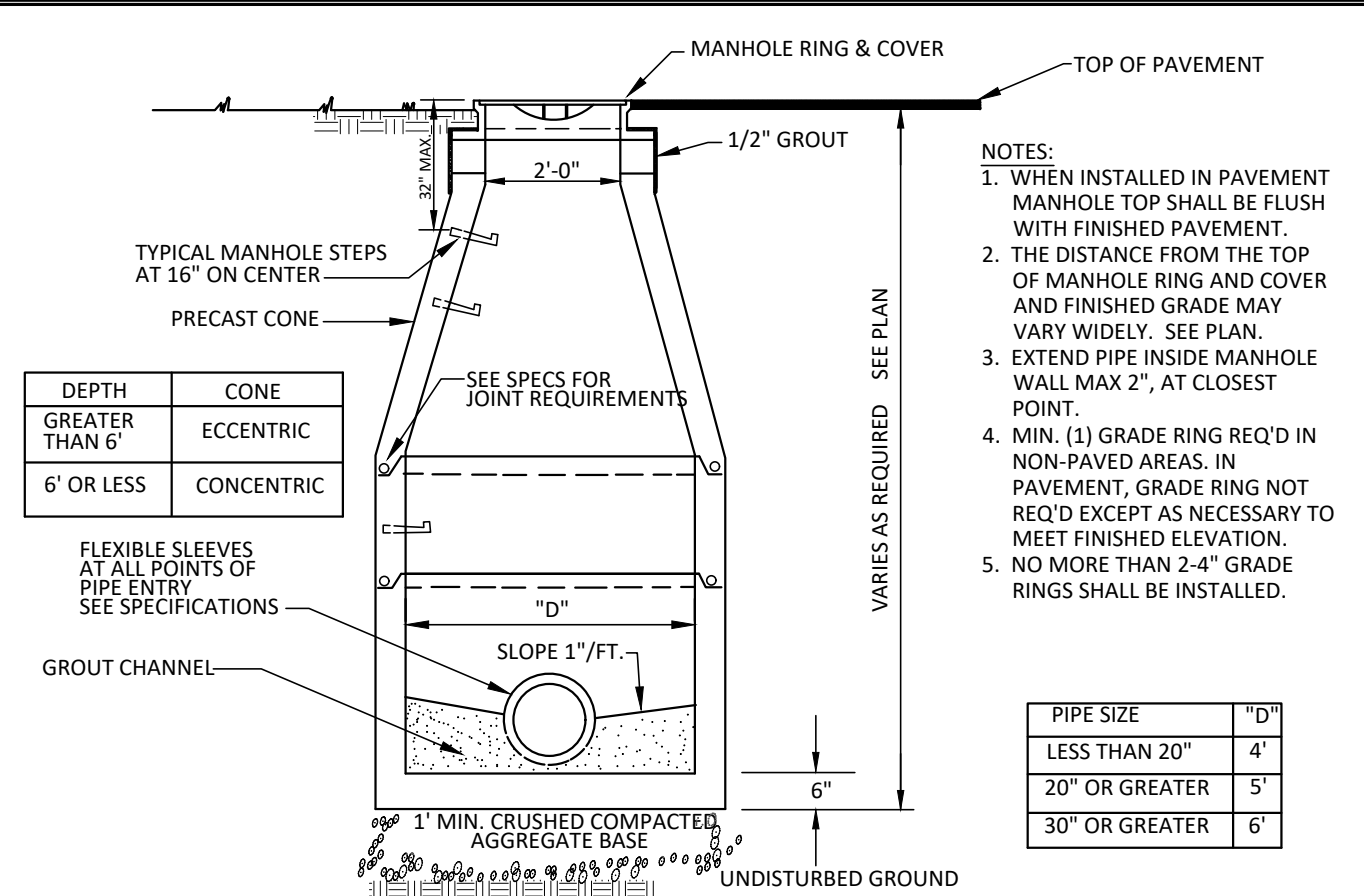


REVISIONS:

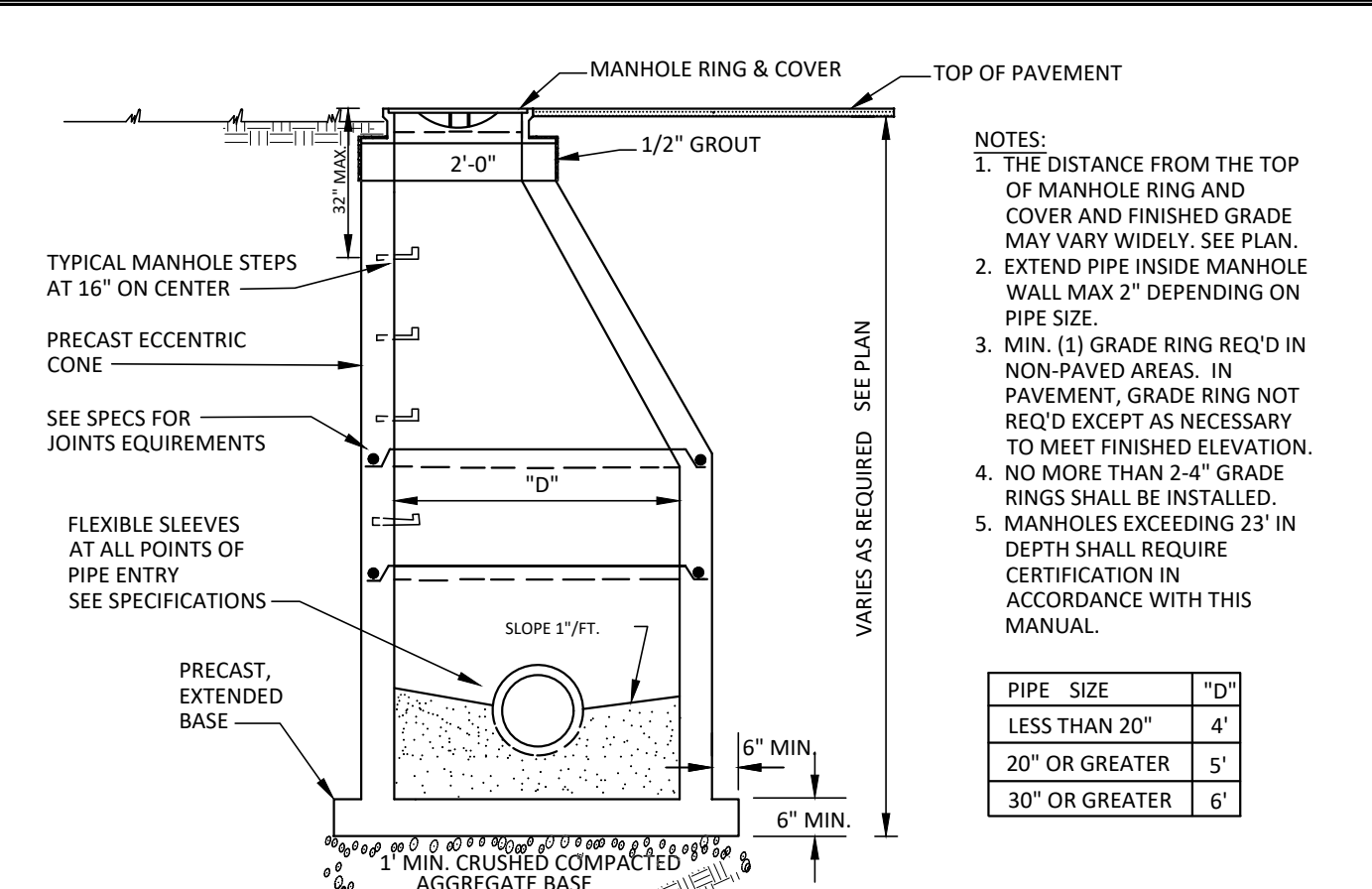
#	DATE	COMMENTS
1	12/07/2021	REVISED TO ADD SERVICES FOR PN 27852 & 42349



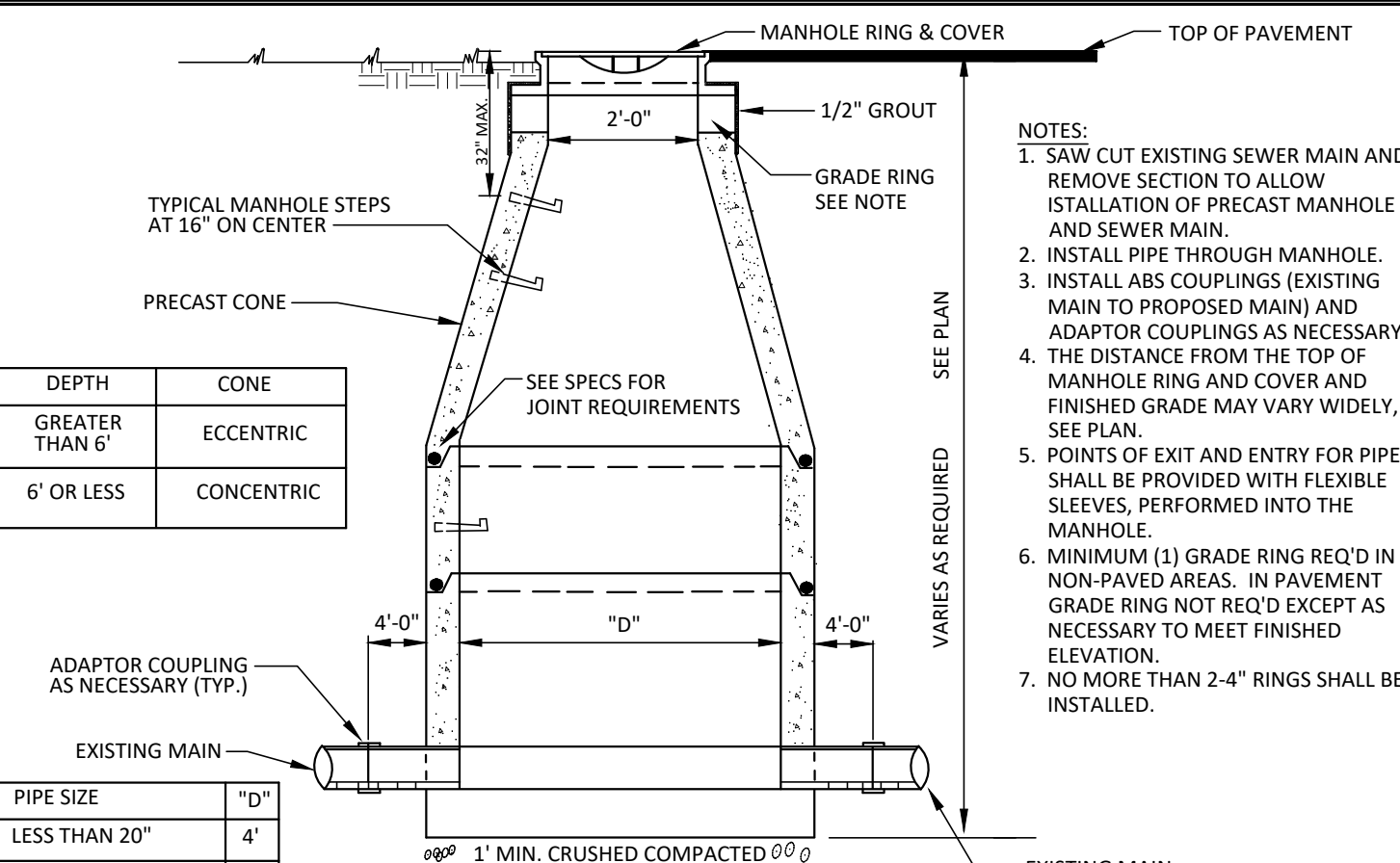
PVC SANITARY SEWER SERVICE DETAIL FOR AREA WITH CURB AND GUTTER FOR MAINS WITH A MAXIMUM DEPTH OF 12'
(S-1) NOT TO SCALE



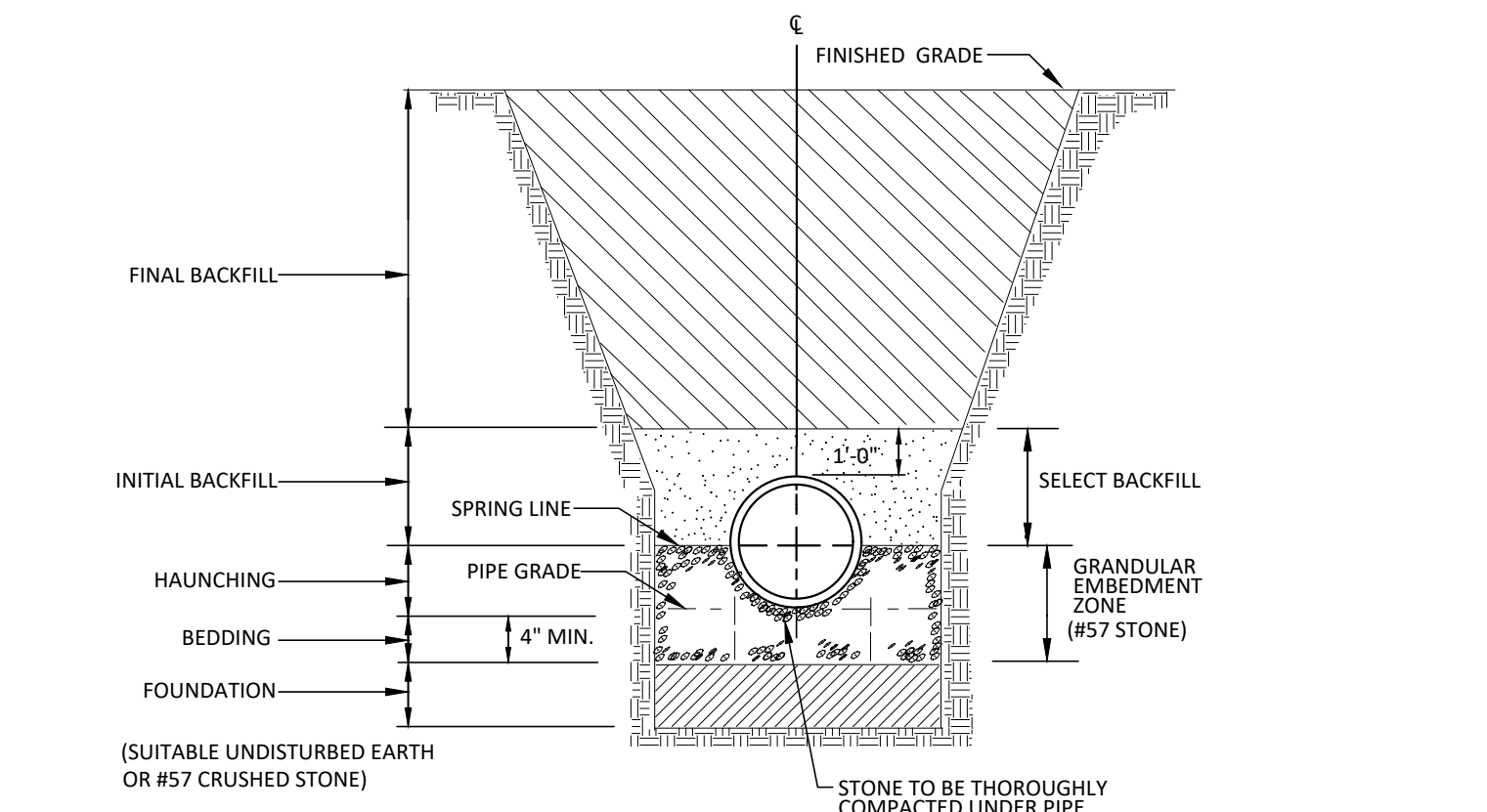
TYPICAL PRECAST VENTED MANHOLE
(S-4) NOT TO SCALE



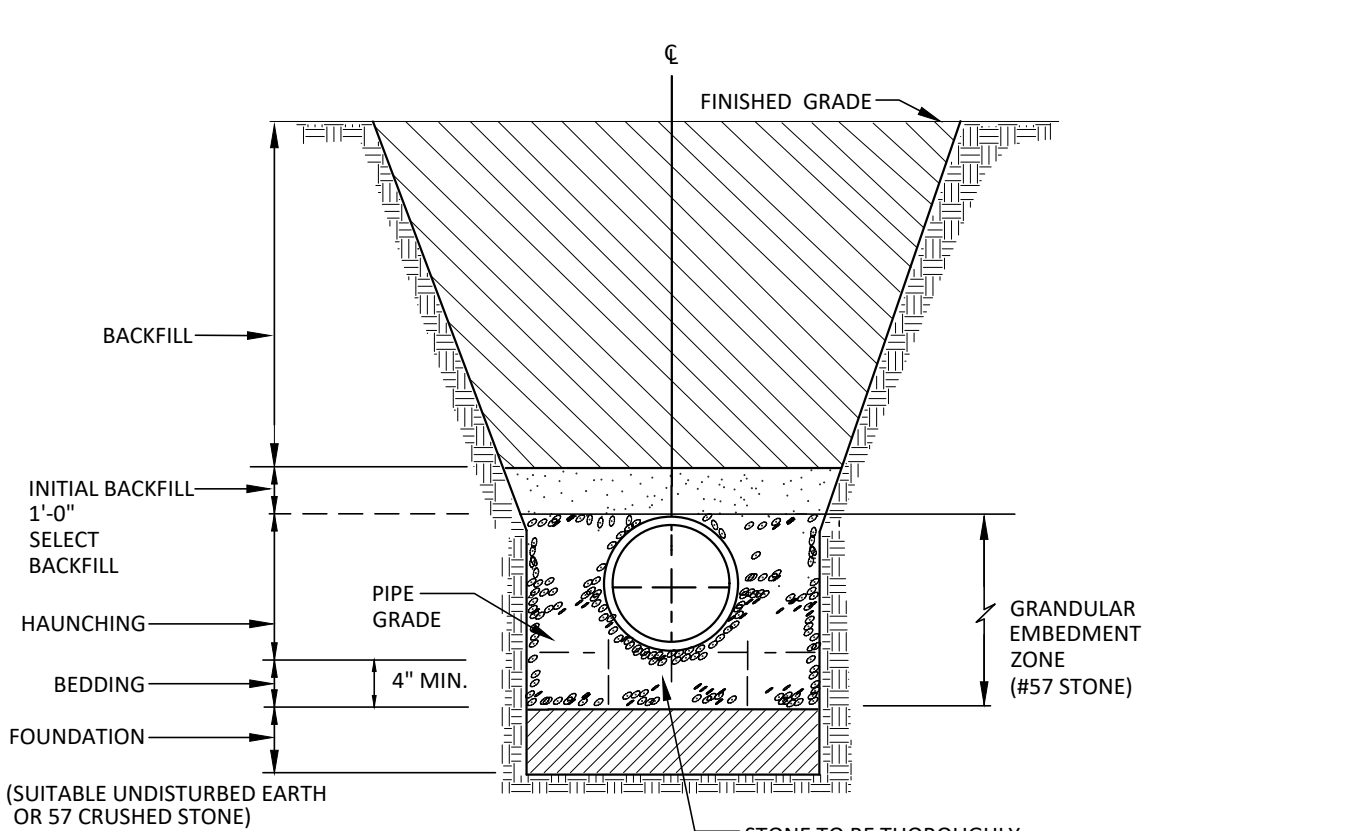
TYPICAL PRECAST MANHOLE FOR MANHOLES OVER 12' IN DEPTH
(S-5) NOT TO SCALE



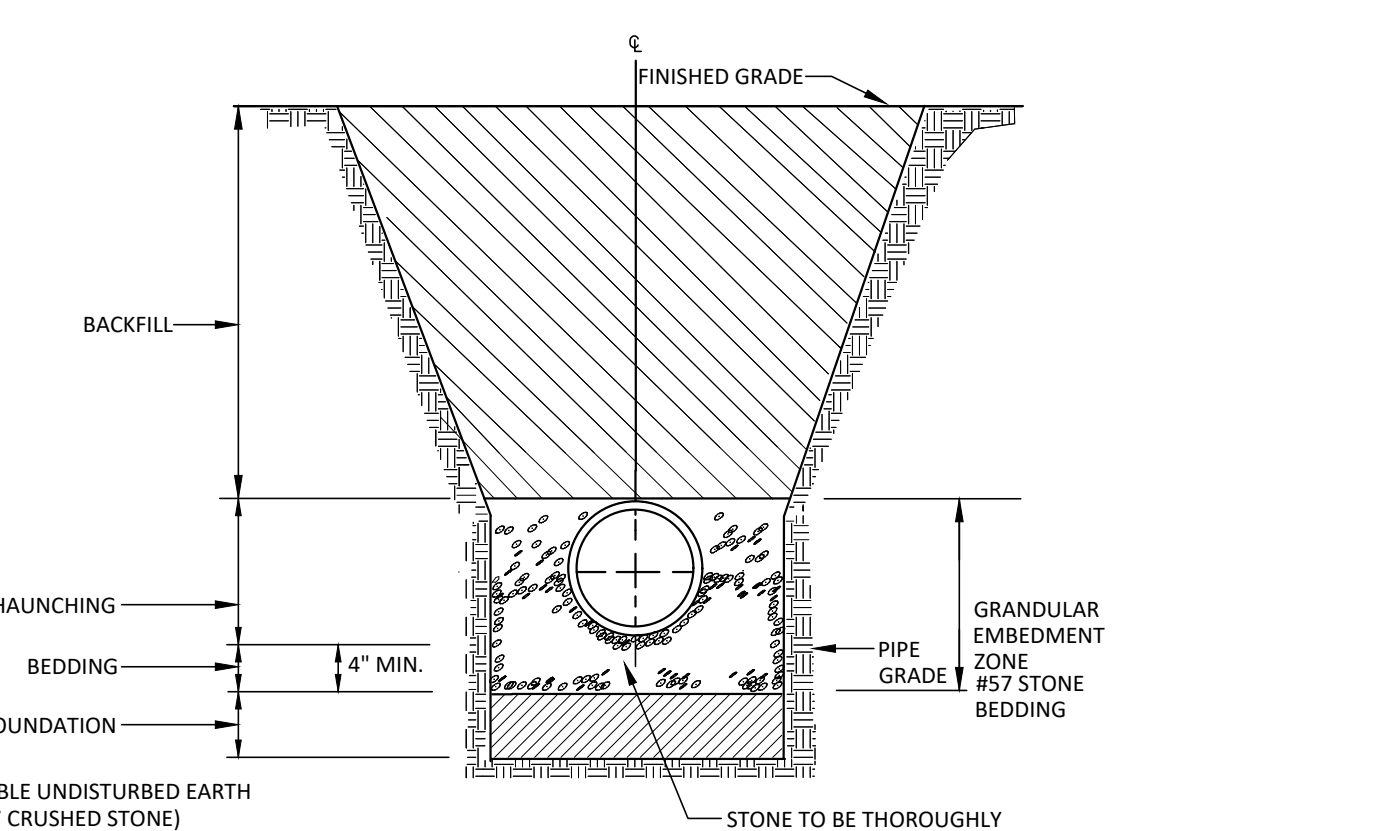
PRECAST MANHOLE INSTALLATION OVER EXISTING SEWER MAIN
(S-7) NOT TO SCALE



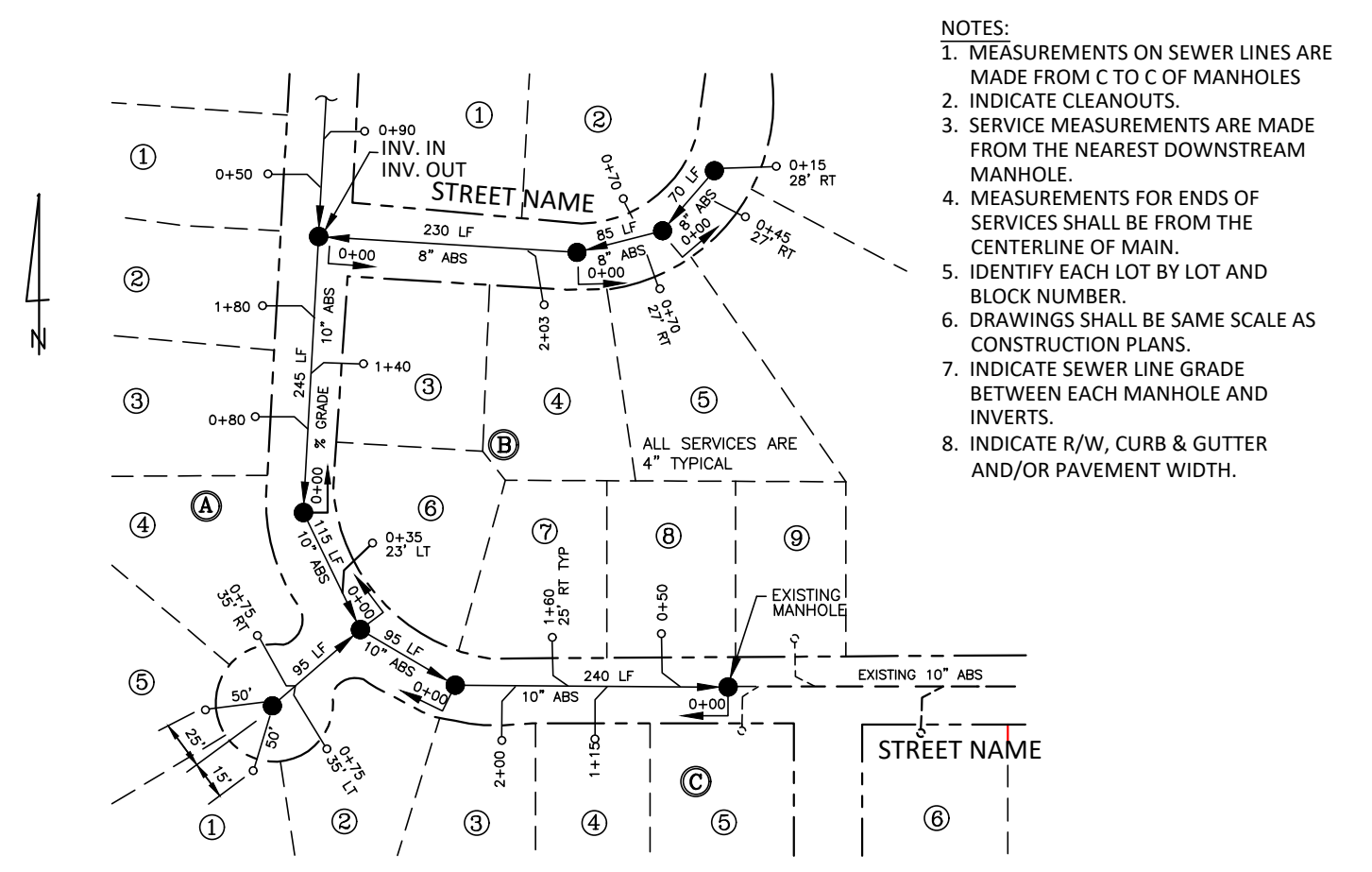
TRENCH SECTION DETAIL FOR THE INSTALLATION OF VITRIFIED CLAY, ABS, AND PVC TRUSS SANITARY SEWER PIPE
(S-8) NOT TO SCALE



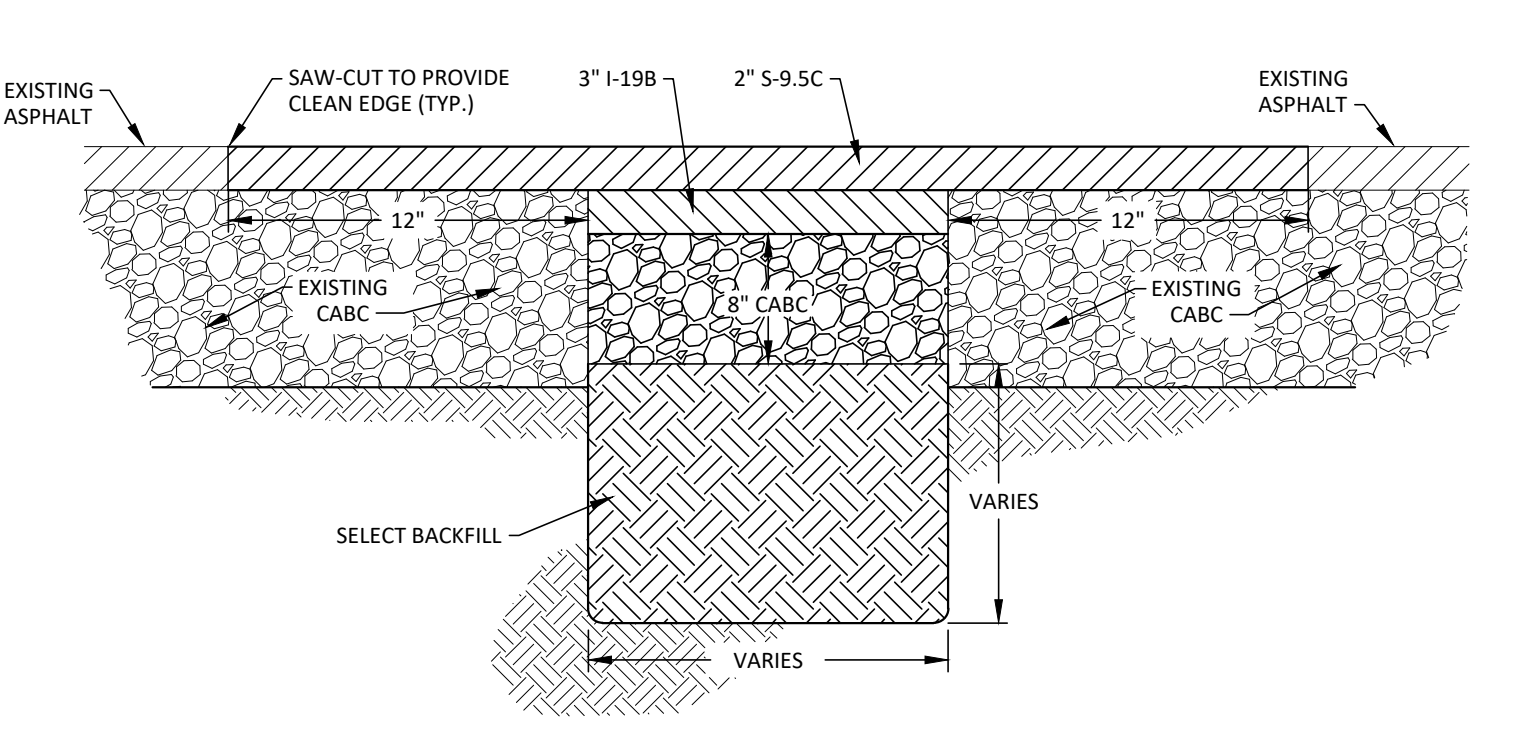
TRENCH SECTION DETAIL FOR THE INSTALLATION OF PVC SANITARY SEWER PIPE (NOT INCLUDING TRUSS)
(S-9) NOT TO SCALE



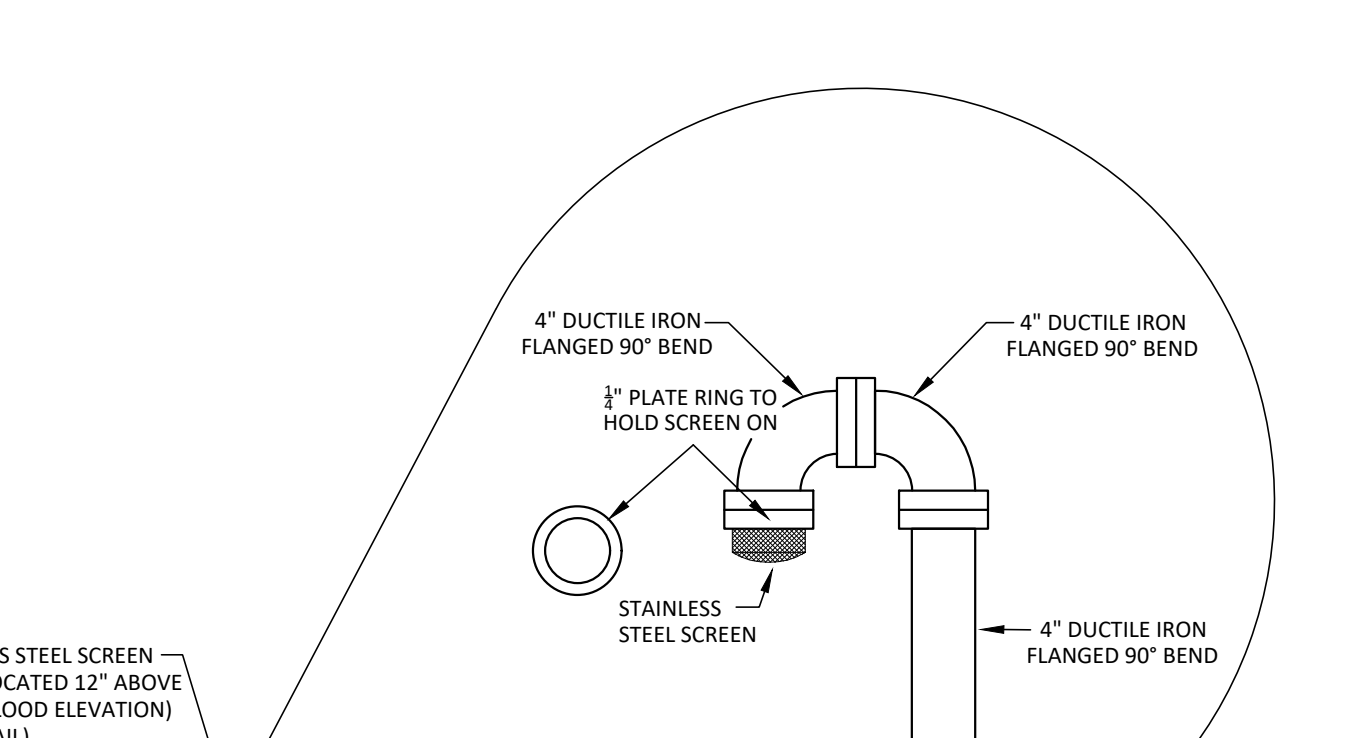
TRENCH SECTION DETAIL FOR THE INSTALLATION OF PVC SANITARY SEWER PIPE - SCH40 DWV
(S-10) NOT TO SCALE



TYPICAL SEWER SYSTEM "AS BUILT"
(S-16) NOT TO SCALE

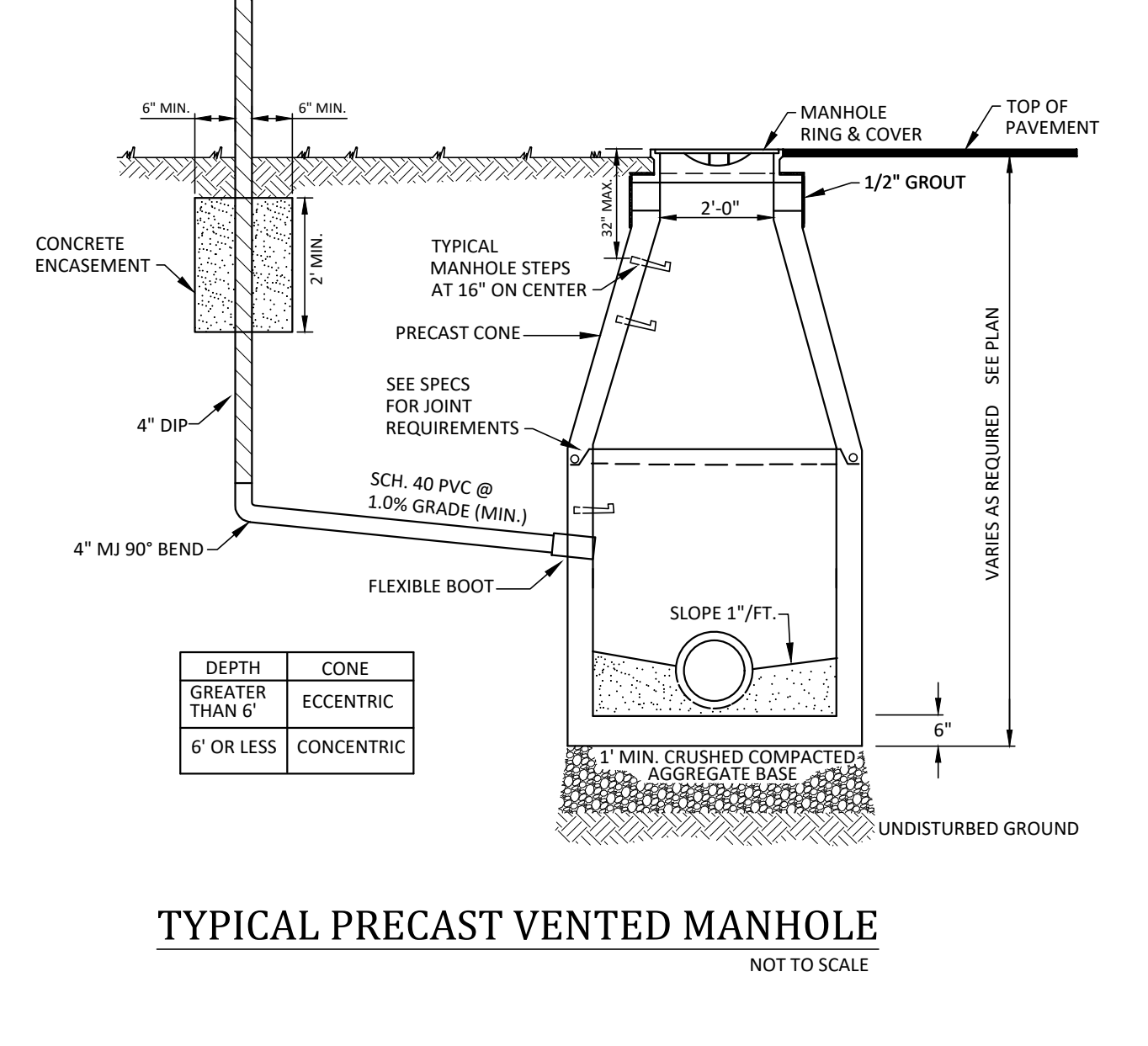


ASPHALT PATCH DETAIL
NOT TO SCALE

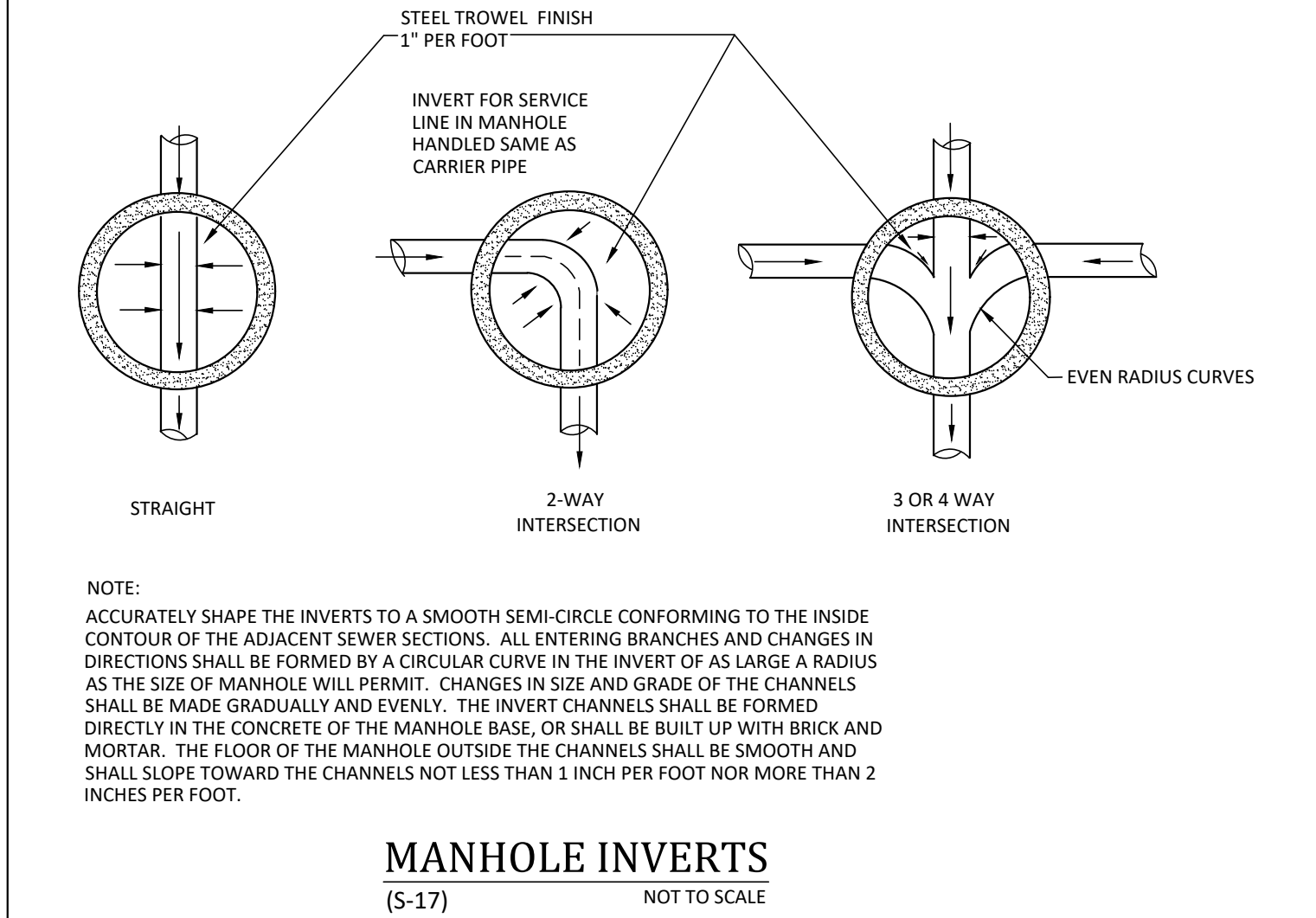


VENT PIPE DETAIL
NOT TO SCALE

- General Notes:**
- CONTRACTOR SHALL CONTACT NORTH CAROLINA ONE-CALL CENTER, INC. (NC ONE-CALL) AT 811 TO HAVE ALL UNDERGROUND UTILITIES LOCATED AT LEAST 72 HOURS PRIOR TO EXCAVATING OR TRENCHING.
 - ALL REQUIRED IMPROVEMENTS SHALL CONFORM TO THE GREENVILLE UTILITIES MANUAL FOR THE DESIGN AND CONSTRUCTION OF WATER AND WASTEWATER SYSTEM EXTENSIONS.
 - CONTRACTOR SHALL NOTIFY NC DEPARTMENT OF TRANSPORTATION, 72 HOURS PRIOR TO CLOSURE OF ROADWAY AND CUTTING PAVEMENT IN ROADWAY RIGHT-OF-WAY.
 - CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO ENGINEER IN ACCORDANCE WITH THE TECHNICAL SPECIFICATIONS FOR MATERIALS TO BE USED IN THE CONSTRUCTION OF UTILITY AND ROADWAY IMPROVEMENTS. SHOP DRAWINGS SHALL BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO ORDERING MATERIALS.
 - LOCATION OF ALL EXISTING AND PROPOSED UTILITIES ARE APPROXIMATE AND MUST BE CONFIRMED INDEPENDENTLY WITH UTILITY OWNERS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION OR EXCAVATION. UTILITY SERVICES CONNECTION POINTS SHALL BE CONFIRMED INDEPENDENTLY BY THE CONTRACTOR IN THE FIELD PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. DISCREPANCIES SHALL BE REPORTED IMMEDIATELY IN WRITING TO ENGINEER. CONSTRUCTION SHALL COMMENCE BEGINNING AT THE LOWEST INVERT (POINT OF CONNECTION) AND PROGRESS UPSTREAM. PROPOSED INTERFACE POINTS (CROSSINGS) WITH EXISTING UNDERGROUND UTILITIES SHALL BE FIELD VERIFIED BY TEST PIT PRIOR TO COMMENCEMENT OF CONSTRUCTION.
 - ALL UTILITIES AND SERVICES INCLUDING BUT NOT LIMITED TO GAS, WATER, ELECTRIC, SANITARY AND STORM SEWER, TELEPHONE, CABLE, FIBER OPTIC CABLE WITHIN THE LIMITS OF DISTURBANCE SHALL BE VERTICALLY AND HORIZONTALLY LOCATED. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE APPLICABLE UTILITY AND SERVICE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING UTILITIES DURING CONSTRUCTION AT NO COST TO THE OWNER.
 - IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THE PROJECT WORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR THE RELATIVE COORDINATES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE PROJECT ENGINEER IN WRITING PRIOR TO COMMENCING CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY THE PROJECT ENGINEER SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF WORK AS DEFINED BY THE DRAWINGS AND IN FULL COMPLIANCE WITH LOCAL AND STATE REGULATIONS AND CODES.
 - THE CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH GREENVILLE UTILITIES COMMISSION REQUIREMENTS AND IS RESPONSIBLE FOR ALL COORDINATION REGARDING UTILITY INSTALLATION AS IDENTIFIED OR REQUIRED FOR THE PROJECT.
 - SEED OR OTHERWISE PROVIDE GROUND COVER DEVICES OR STRUCTURES SUFFICIENT TO RESTRAIN EROSION FOR ALL EXPOSED SLOPES WITHIN 7 DAYS OF COMPLETION OF ANY PHASE OF GRADING ON PERIMETER AREAS AND SLOPES STEEPER THAN 3:1. ALL OTHER AREAS SHALL BE STABILIZED WITHIN 14 DAYS.
 - CONTRACTOR SHALL INSPECT AND MAINTAIN ALL EROSION CONTROL DEVICES ON A WEEKLY BASIS AND AFTER EACH MAJOR STORM EVENT. FAILURE TO KEEP ALL EROSION CONTROL DEVICES IN PROPER WORKING ORDER MAY RESULT IN A STOP WORK ORDER OR CIVIL PENALTIES UP TO \$5,000.00 PER DAY OF VIOLATION.
 - THE ENGINEER RESERVES THE RIGHT TO REQUIRE ADDITIONAL EROSION CONTROL MEASURES SHOULD THE PLAN OR ITS IMPLEMENTATION PROVE TO BE INADEQUATE.
 - EROSION CONTROL MEASURES SHALL BE MAINTAINED AND INSPECTED AS PER THE DETAIL SHEETS SHOWN.
 - PLEASE BE ADVISED OF THE RULES TO PROTECT AND MAINTAIN EXISTING BUFFERS ALONG WATERCOURSES IN THE NEUSE AND TAR/PAMLICO RIVER BASINS. THESE RULES ARE ENFORCED BY THE DIVISION OF WATER RESOURCES (DWR). DIRECT ANY QUESTIONS ABOUT THE APPLICABILITY OF THESE RULES TO YOUR PROJECT TO THE REGIONAL WATER QUALITY SUPERVISOR, WASHINGTON REGIONAL OFFICE AT (252) 946-6481.
 - LAND DISTURBING ACTIVITY BEYOND THAT REQUIRED TO INSTALL APPROPRIATE EROSION CONTROL MAY NOT PROCEED UNTIL EROSION CONTROL MEASURES ARE INSPECTED AND APPROVED BY THE ENGINEER.
 - PROVIDE 20' X 50' X 6" STONE CONSTRUCTION ENTRANCES AS SHOWN ON PLAN.
 - NO SEWER SERVICE SHALL BE PROVIDED FOR PROPERTIES WITHIN THIS PROJECT AREA UNTIL ALL MAINS AND SERVICES HAVE BEEN INSTALLED AND ACCEPTED FOR MAINTENANCE BY G.U.C.

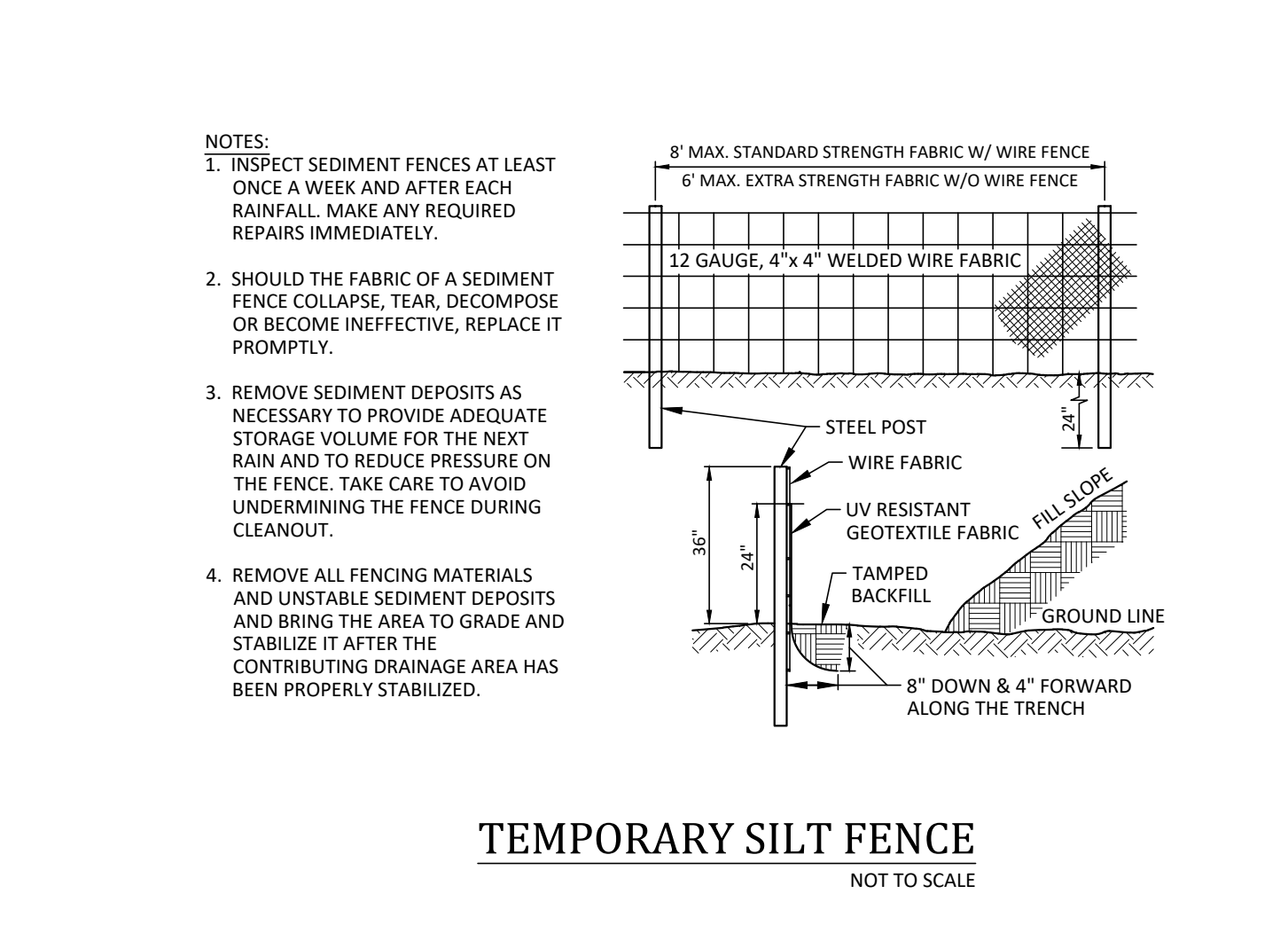


TYPICAL PRECAST VENTED MANHOLE
NOT TO SCALE

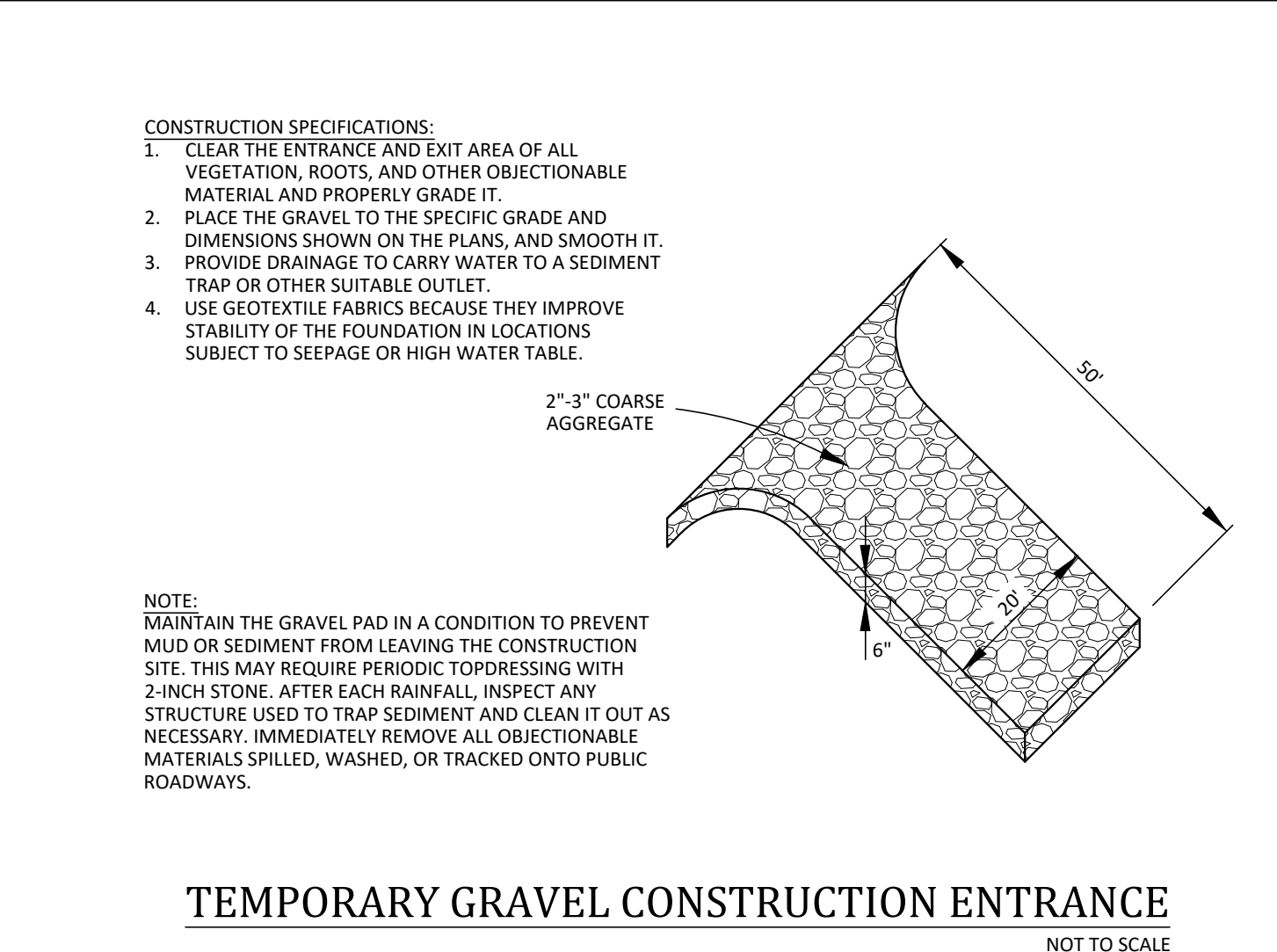


MANHOLE INVERTS
(S-17) NOT TO SCALE

- Permanent Seeding Schedule:**
- Grades on the area to be seeded shall be maintained in a true and even condition. Maintenance shall include any necessary repairs to previously graded areas. All graded areas shall be thoroughly tilled to a depth of at least four (4) inches by plowing, disking, harrowing, or other approved methods until the condition of the soil is acceptable. On sites where soil conditions are such that high clay content and/or excessive compaction cause difficulty in getting clods and lumps effectively pulverized, the Contractor shall use the rotary tillage machinery until the mixing of the soil is acceptable and no clods or clumps remain larger than 1 1/2 inches in diameter. A firm and compact seed bed is required and after being graded, the seed bed shall be lightly compacted with a land roller, such as a cultipacker, before and after seeding. Limestone shall be dolomitic agriculture ground limestone containing not less than 10 percent magnesium oxide. Lime shall be uniformly applied at the rate of 2 tons per acre. Fertilizer shall be uniformly applied at a rate of 500 pounds per acre of 10-20-20 analysis. The fertilizer shall be incorporated into the upper three or four inches of prepared seed bed just prior to the last tillage operation, but in no case shall it be applied more than three days prior to seeding. Fertilizer shall be used immediately after delivery or stored in a manner that will not permit it to harden or destroy its effectiveness.
- | Seed Bed Preparation | Lime | Fertilizer (10-20-20) | Seeding Mixture: |
|----------------------|-------------------|-----------------------|---|
| | - 2 tons per acre | - 500 pounds per acre | (January 1 - March 31)
Common Bermuda grass (unhulled)
Rye (grain) |
| | | | - 20 pounds per acre
- 25 pounds per acre |
| | | | (April 1 - July 31)
Common bermudagrass (hulled)
Weeping Lovegrass
Cenpede |
| | | | - 15 pounds per acre
- 5 pounds per acre
- 8 pounds per acre |
| | | | (August 1 - December 31)
Common Bermuda grass (unhulled)
Tall Fescue
Rye (grain) |
| | | | - 20 pounds per care
- 60 pounds per care
- 25 pounds per care |
- When hydroseeding equipment is used for seeding, fertilizer shall be applied simultaneously with seed, using the above rates for application. Seed shall be certified seed or equivalent based on North Carolina Seed Improvement Association requirements for certification. All seed shall be furnished in sealed standard containers. Seed which has become wet, moldy, or otherwise damaged prior to seeding will not be acceptable. Seeding shall be accomplished with hand planters, power-drawn planters, hand packers, or hydroseeding equipment at the following rates:



TEMPORARY SILT FENCE
NOT TO SCALE



TEMPORARY GRAVEL CONSTRUCTION ENTRANCE
NOT TO SCALE

Greenville Utilities

NORTHSIDE COMMERCIAL CENTER SANITARY SEWER EXTENSION
Greenville Township, Pitt County, North Carolina

DETAILS

REVISIONS:

NO.	DATE	COMMENTS
1	10/20/2021	REVISED TO ADD SERVICES FOR PN 27852 & 42309

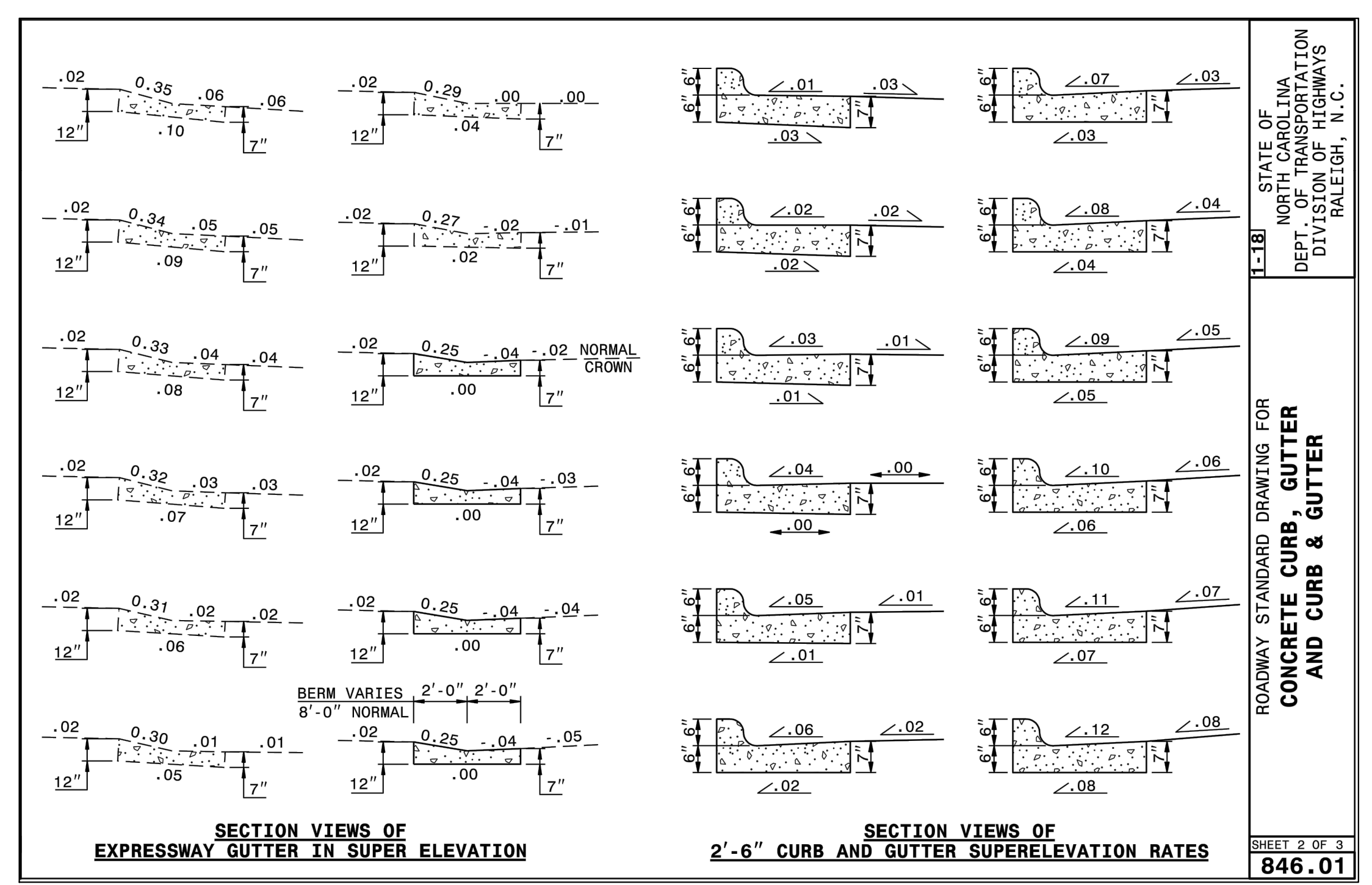
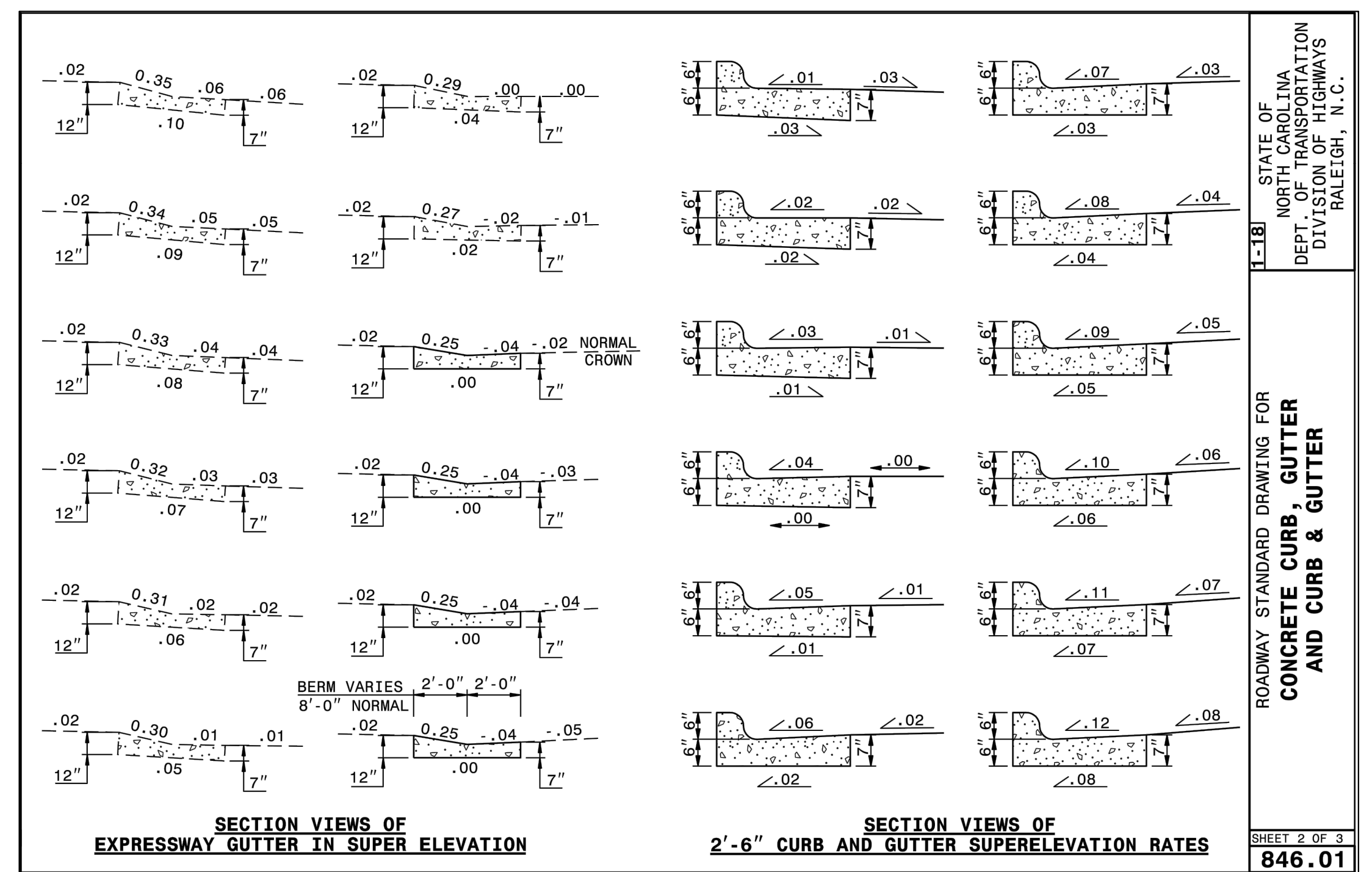
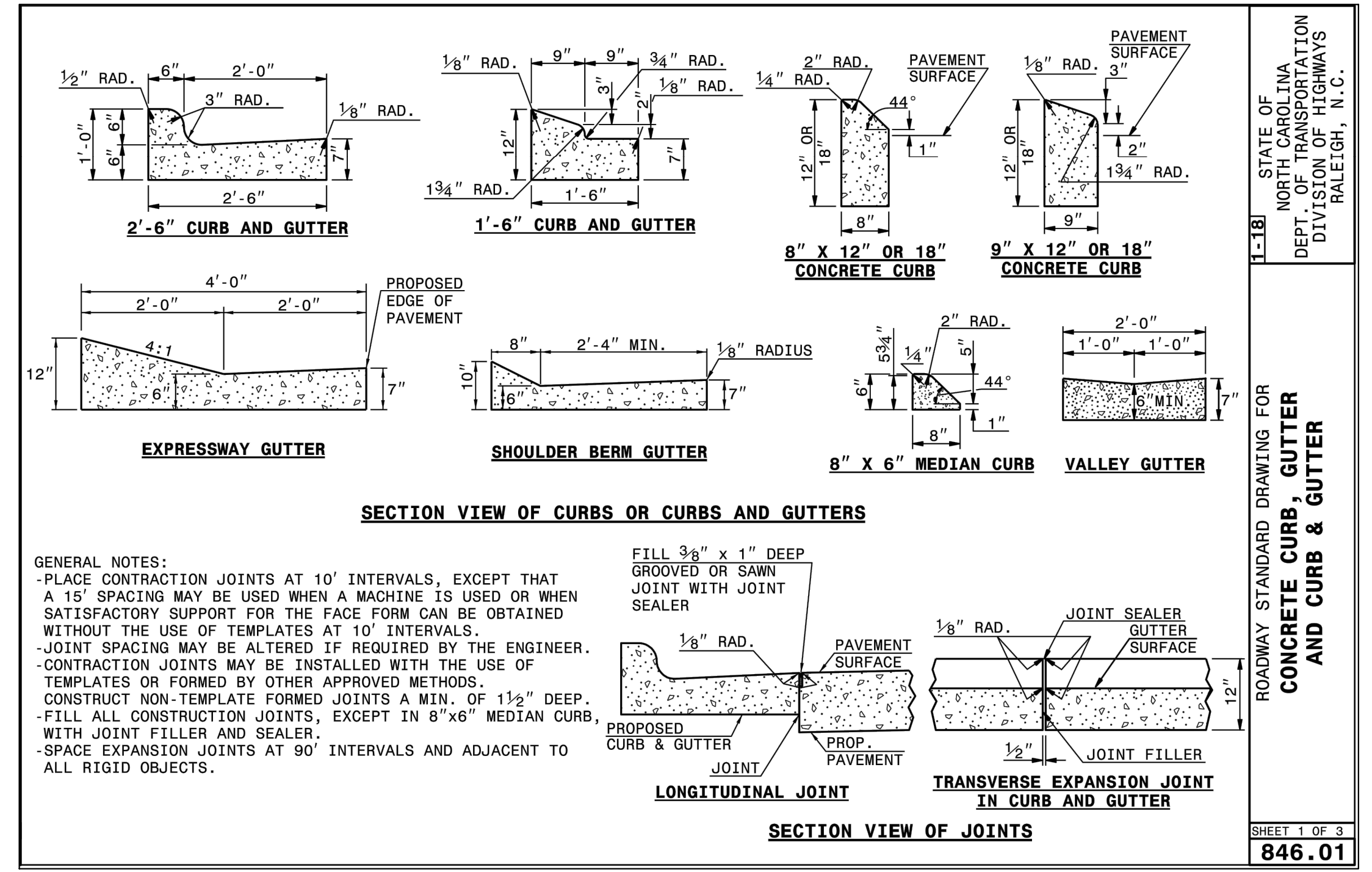
PROJECT INFORMATION:

Project Manager: BCF
Drawn By: EW
Checked By: STA
Project Number: 20049
Drawing Number: D-1244

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Professional Engineer Seal: 31970, 2/15/2021

Date: 12-07-2020



COMMENTS
 DATE 1 12/07/2021
 REVISIONS:



**NORTHSIDE COMMERCIAL CENTER
 SANITARY SEWER EXTENSION**
 Greenville Township, Pitt County, North Carolina

DETAILS

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

ROADWAY STANDARD DRAWING FOR CONCRETE CURB, GUTTER AND CURB & GUTTER

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

Professional Engineer Seal: 31970, 2/5/2021

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C-5

Date: 12-07-2020