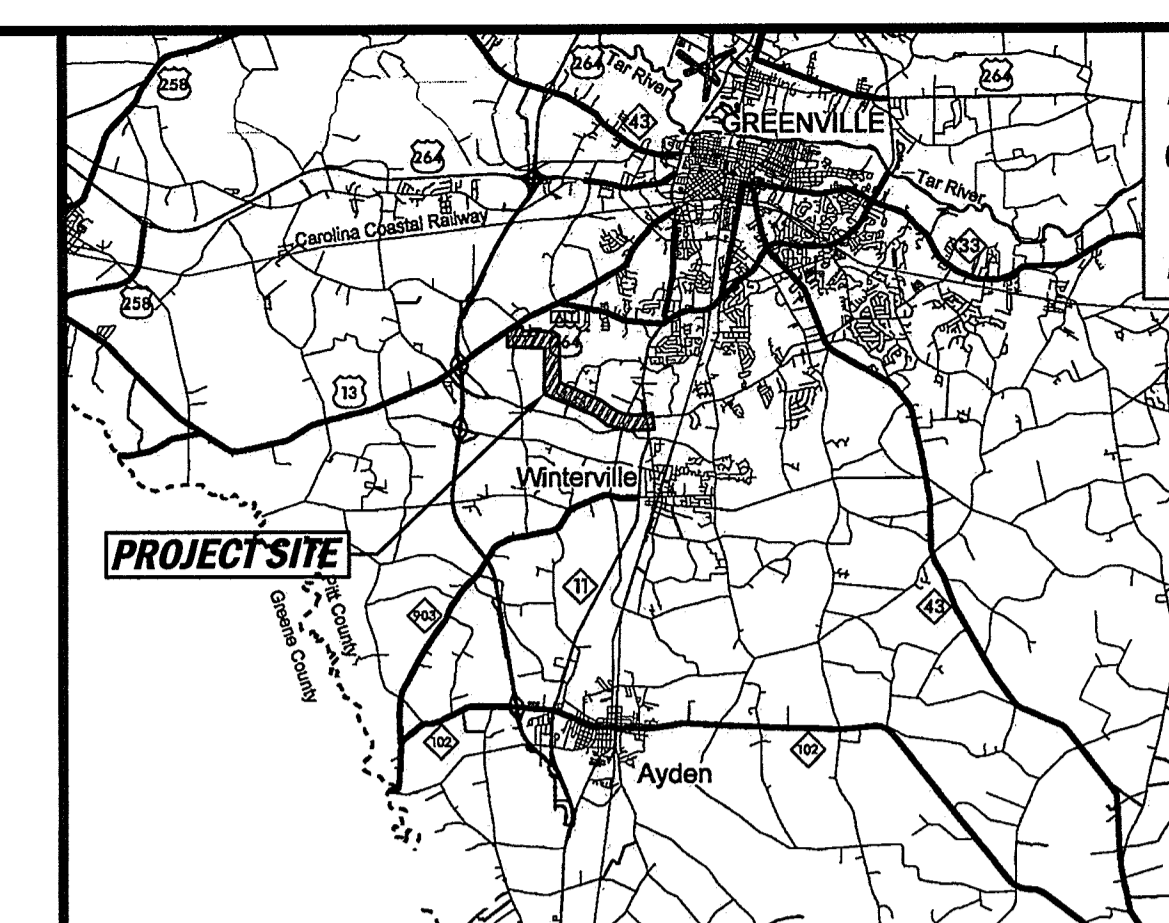
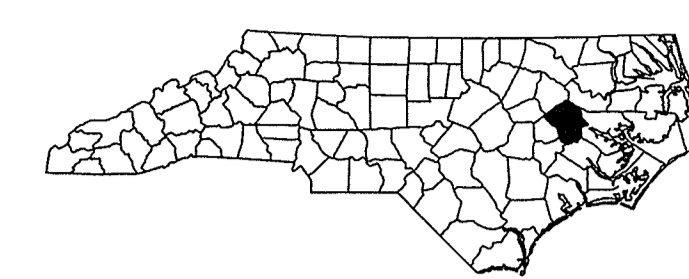
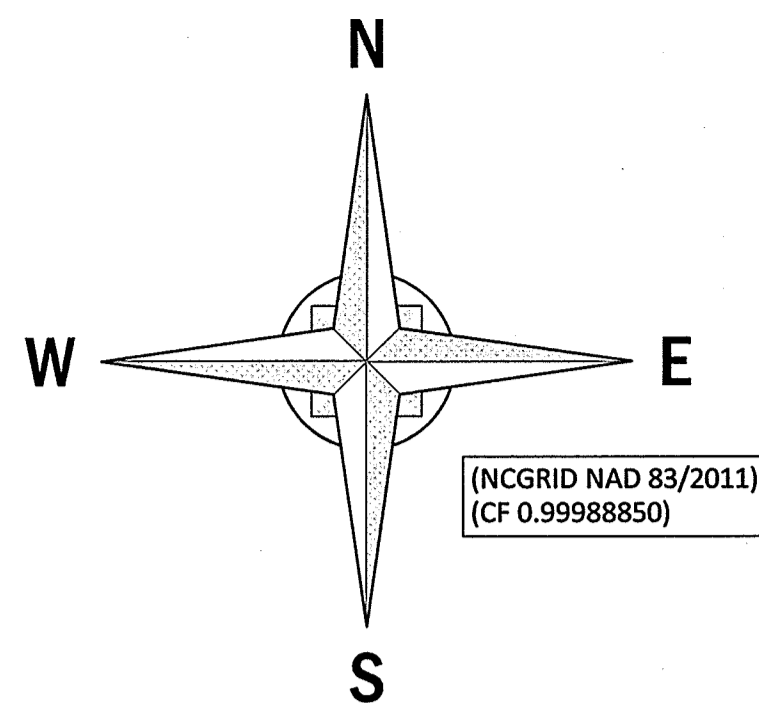


GREENVILLE UTILITIES COMMISSION

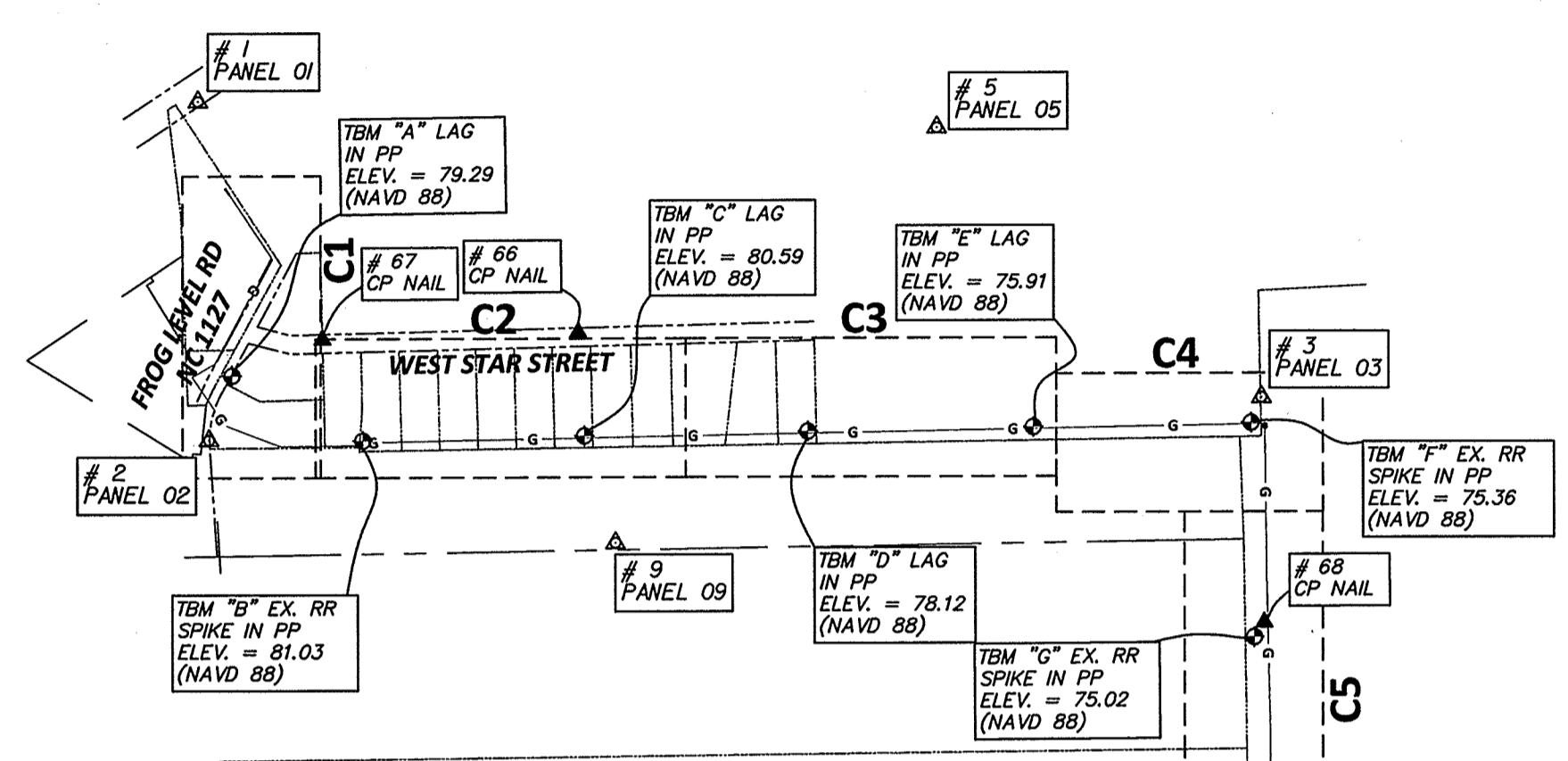
GCP-10094 THOMAS LANGSTON ROAD ENHANCEMENTS

PITT COUNTY, NORTH CAROLINA



REVISIONS:

REV.	DATE	DESCRIPTION



NORTH CAROLINA
COUNTY OF PITT

I, PATRICK W. HARTMAN, P.L.S., CERTIFY THAT THE SURVEY CONTROL SHOWN HEREON WAS DEVELOPED FROM AN ACTUAL GPS SURVEY MADE BY RB/MS ON THE DATES NOTED BELOW. THE VERTICAL AND HORIZONTAL CONTROL WAS ESTABLISHED AT THE SITE BY NC RTN SOLUTION AS NOTED.

1. CLASS OF SURVEY:	CLASS A (HORIZONTAL) CLASS C (VERTICAL)
2. POSITIONAL ACCURACY:	2 CM (HORIZONTAL)
3. TYPE OF GPS FIELD PROCEDURE:	NCGS VRS RTN
4. DATE OF SURVEY WORK:	2/23-24/2018 and 3/1/17
5. DATUM/EPOCH:	NAD83/2011 (MULTIPLE OBSERVATIONS)
6. PUBLISHED CONTROL/FIXED CONTROL:	NCGS VRS RTN
7. GEOID MODEL:	GEOID12B
8. COMBINED GRID FACTOR:	0.999888915
9. UNITS:	US SURVEY FEET

AND THAT THE EXISTING TOPOGRAPHIC INFORMATION DEPICTED ON THESE PLANS WAS TAKEN FROM AN AERIAL SURVEY PERFORMED BY SPATIAL DATA CONSULTANTS, INC. DELIVERED ON APRIL 10, 2017 (SDC PROJECT REPORT# 17013_17PA-148), SUPPLEMENTED WITH FIELD SURVEYS BY RIVERS AND ASSOCIATES, INC. IN THE OBTAINED AREAS. THE FINAL PLANIMETRIC/TOPOGRAPHIC SURVEY WAS DELIVERED ON APRIL 10, 2017 OF THE AREAS SHOWN. HORIZONTAL AND VERTICAL PROJECT CONTROL USED IS AS NOTED; DRAFTING OF COLLECTED DATA WAS NOT PERFORMED UNDER MY SUPERVISION. WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER AND SEAL THIS 26TH DAY OF MARCH, A.D. 2018.

PROFESSIONAL LAND SURVEYOR LICENSE No. L-4262

INDEX TO SHEETS

- T1 Cover and Legend
 - T2 General Notes, Bill of Materials, and Erosion Control
 - T3 Easement Summary Sheet
-
- C1 Plan-Profile - Sta. 0+00 to Sta. 11+50
 - C2 Plan-Profile - Sta. 11+50 to Sta. 23+50
 - C3 Plan-Profile - Sta. 23+50 to Sta. 35+50
 - C4 Plan-Profile - Sta. 35+50 to Sta. 45+76
 - C5 Plan-Profile - Sta. 45+76 to Sta. 57+80
 - C6 Plan-Profile - Sta. 57+80 to Sta. 69+78
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 - C13 Plan-Profile - Sta. 141+89 to Sta. 153+89
 - C14 Plan-Profile - Sta. 153+89 to Sta. 165+55
 - C15 Plan-Profile - Sta. 165+55 to Sta. 174+88
 - C16 Plan-Profile - Sta. 174+88 to End
-
- D1 Traffic Control Details
 - D2 Erosion Control and Miscellaneous Details
 - D3 Miscellaneous Details
 - D4 Miscellaneous Details
 - D5 Miscellaneous Details

VICINITY MAP

LEGEND

- ⊕ TEMPORARY BENCH MARK
- PROP. GAS MAIN
- EXIST. GAS MAIN
- ⊙ EXIST. GAS VALVE
- PROP. WATER MAIN (BY OTHERS)
- EXIST. WATER MAIN
- ⊕ EXIST. FIRE HYDRANT
- PROP. O/H POW— PROP. OVERHEAD POWER (BY OTHERS)
- EXIST. O/H POW— EXIST. OVERHEAD POWER
- SS— EXIST. SANITARY SEWER
- OPP UTILITY POLE
- TPED TELEPHONE PED
- TBOX TELEPHONE BOX
- TVLT TELEPHONE VAULT
- TPVED CABLE TV PED
- EDT ELECTRICAL TRANSFORMER
- FO FIBER OPTIC PED
- ⊕ R/W RIGHT OF WAY
- ⊕ C/A CONTROLLED ACCESS
- EXIST. PROPERTY LINE
- EXIST. SIGN
- XX" RCP EXIST. CULVERT
- DRIVEWAY (CONCRETE OR ASPHALT)
- DETAIL NUMBER
- SHEET NUMBER
- 0+00 STATION
- PROP. PROPOSED
- EXIST. EXISTING
- # PARCEL NUMBER DESIGNATION (SEE EASEMENT SUMMARY SHEET T3)
- ⊕ PE GAS MAIN INSTALLED BY DIRECTIONAL BORE

COVER AND LEGEND
GREENVILLE UTILITIES COMMISSION
GCP-10094 THOMAS LANGSTON ROAD ENHANCEMENTS
 NORTH CAROLINA
 PITT COUNTY

NC License: F-4324

5/29/18

SURVEY	DRAFT	JML
DESIGN	FLS	FLS

PROJECT No. **2017024**
 DRAWING No. **W-3749**
 SCALE: **NOT TO SCALE**
 SHEET No. **T1** OF **24**

SURVEY HORIZONTAL CONTROL

POINT	NORTHING (US FT-GROUND)	EASTING (US FT-GROUND)	ELEVATION (NAVD88)	DESCRIPTION	GRID NORTHING (US FT-NAD 83/2011)	GRID EASTING (US FT-NAD 83/2011)
1	666350.72	2462288.78	79.27	PANEL 1 - MAG NAIL		
2	665256.37	2462324.73	76.86	PANEL 2 - 9" SPIKE		
3	665388.85	2465735.88	74.23	PANEL 3 - 9" SPIKE		
4	663972.36	2467096.47	73.65	PANEL 4 - MAG NAIL		
5	666263.13	2464684.05	76.58	PANEL 5 - MAG NAIL		
6	663237.62	2464488.10	73.32	PANEL 6 - 9" SPIKE		
7	661658.23	2466590.54	73.25	PANEL 7 - MAG NAIL	661658.23	2466590.54
8	660928.62	2465302.05	74.40	PANEL 8 - MAG NAIL		
9	664923.68	2463642.37	77.46	PANEL 9 - MAG NAIL		
10	658993.73	2473970.26	68.35	PANEL 10 - MAG NAIL		
11	657424.85	2474321.53	72.19	PANEL 11 - MAG NAIL		
12	659545.57	2468661.89	72.36	PANEL 12 - MAG NAIL		
13	660758.02	2468811.87	74.06	PANEL 13 - MAG NAIL		
14	659294.90	2471965.43	67.89	PANEL 14 - MAG NAIL		
15	658257.18	2472029.61	70.98	PANEL 15 - MAG NAIL		
54	658080.90	2474106.82	68.26	CPNAIL GPS - 9" SPIKE		
55	658055.10	2472486.58	67.38	CPNAIL GPS - 9" SPIKE		
56	660154.41	2468665.83	72.95	CPMAG GPS - MAG NAIL		
57	659675.52	2469479.45	69.91	CPMAG GPS - MAG NAIL		
58	660203.68	2469048.55	71.80	CPMAG GPS - MAG NAIL		
59	660636.34	2467715.62	74.21	CPMAG GPS - MAG NAIL		
60	660717.13	2467159.81	73.69	CPNAIL GPS - 9" SPIKE		
61	660937.95	2466251.18	74.55	CPNAIL GPS - 9" SPIKE		
62	661291.13	2466473.57	72.62	CPMAG GPS - MAG NAIL		
63	661011.11	2465733.08	73.82	CPNAIL GPS 9" SPIKE		
64	661915.86	2465559.52	73.00	CPNAIL GPS - 9" SPIKE		
65	661831.32	2464593.41	73.64	CPNAIL GPS - 9" SPIKE		
66	665603.97	2463521.83	78.18	CPNAIL GPS - 9" SPIKE		
67	665581.88	2462692.66	77.88	CPNAIL GPS - 9" SPIKE		
68	664662.51	2465743.82	74.04	CPNAIL GPS - 9" SPIKE		

PROJECT CONTROL LOCALIZED TO GROUND AROUND PANEL #7; CALCULATED COMBINED FACTOR = 0.999888915.

CONTROL LEGEND

- ⊕ HORIZONTAL SURVEY CONTROL
- ⊕ TEMPORARY BENCH MARK (TBM)

EROSION CONTROL NOTES

- 1. ALL WORK WILL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY...
2. SEED BED PREPARATION SHALL BE CONDUCTED ACCORDING TO NORTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES (NCDOT) WHERE APPLICABLE...

PERMANENT SEEDING: REFER TO SECTION 329200- TURF AND GRASSES IN THE SPECIFICATIONS FOR REQUIREMENTS.

TEMPORARY SEEDING:

SEED IN ACCORDANCE WITH SOIL CONSERVATION SERVICE RECOMMENDATIONS WITH REGARD TO SEED TYPE, RATE OF APPLICATION, FERTILIZER, ETC.

PROVIDE TEMPORARY SEEDING IN ACCORDANCE WITH THE FOLLOWING SCHEDULE:

Table with 2 columns: PLANTING DATE, SEEDING MIXTURE AND RATE. Row 1: DEC. 1- APR. 15, 120#/ACRE RYE (GRAIN), AND 50#/ACRE KOBE LESPEDEZA

SOIL AMENDMENTS

FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,000 LB/ACRE GROUND AGRICULTURAL LIMESTONE AND 750 LB/ACRE 10-10-10 FERTILIZER.

MULCH

APPLY 4,000 LB/ACRE STRAW. ANCHOR STRAW BY TACKLING WITH ASPHALT, NETTING, OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.

MAINTENANCE

REFERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED, REFERTILIZE AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE.

Table with 2 columns: PLANTING DATE, SEEDING MIXTURE AND RATE. Row 1: APR. 15- AUG. 15, 40#/ACRE GERMAN MILLET

SOIL AMENDMENTS

FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,000 LB/ACRE GROUND AGRICULTURAL LIMESTONE AND 1,000 LB/ACRE 10-10-10 FERTILIZER.

MULCH

APPLY 4,000 LB/ACRE STRAW. ANCHOR STRAW BY TACKLING WITH ASPHALT, NETTING, OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.

MAINTENANCE

REFERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED, REFERTILIZE AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE.

Table with 2 columns: PLANTING DATE, SEEDING MIXTURE AND RATE. Row 1: AUG. 15- DEC. 30, 120#/ACRE RYE (GRAIN)

SOIL AMENDMENTS

FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,000 LB/ACRE GROUND AGRICULTURAL LIMESTONE AND 1,000 LB/ACRE 10-10-10 FERTILIZER.

MULCH

APPLY 4,000 LB/ACRE STRAW. ANCHOR STRAW BY TACKLING WITH ASPHALT, NETTING, OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.

MAINTENANCE

REPAIR AND REFERTILIZE DAMAGED AREAS IMMEDIATELY. TOPDRESS WITH 50 LB/ACRE OF NITROGEN IN MARCH. IF IT IS NECESSARY TO EXTEND TEMPORARY COVER BEYOND JUNE 15, OVERSEED WITH 50 LB/ACRE KOBE LESPEDEZA IN LATE FEBRUARY OR EARLY MARCH.

4. GROUND STABILIZATION (PER NCG010000)

A. 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:

I. 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.

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

B. CONDITIONS - IN MEETING THE STABILIZATION REQUIREMENTS ABOVE, THE FOLLOWING CONDITIONS OR EXEMPTIONS SHALL APPLY:

I. EXTENSIONS OF TIME MAY BE APPROVED BY THE PERMITTING AUTHORITY BASED ON WEATHER OR OTHER SITE-SPECIFIC CONDITIONS THAT MAKE COMPLIANCE IMPRACTICABLE.

II. ALL SLOPES 50' IN LENGTH OR GREATER SHALL APPLY THE GROUND COVER WITHIN 7 DAYS EXCEPT WHEN THE SLOPE IS FLATTER THAN 4:1. SLOPES LESS THAN 50' SHALL APPLY GROUND COVER WITHIN 14 DAYS EXCEPT WHEN SLOPES ARE STEEPER THAN 3:1. THE 7-DAY REQUIREMENT APPLIES.

III. ANY SLOPED AREA FLATTER THAN 4:1 SHALL BE EXEMPT FROM THE 7-DAY GROUND COVER REQUIREMENT.

IV. SLOPES 10' OR LESS IN LENGTH SHALL BE EXEMPT FROM THE 7-DAY GROUND COVER REQUIREMENT EXCEPT WHEN THE SLOPE IS STEEPER THAN 2:1.

V. ALTHOUGH STABILIZATION IS USUALLY SPECIFIED AS GROUND COVER, OTHER METHODS, SUCH AS CHEMICAL STABILIZATION, MAY BE ALLOWED ON A CASE-BY-CASE BASIS.

VI. FOR PORTIONS OF PROJECTS WITHIN ONE MILE AND DRAINING TO TROUT WATERS AND HIGH QUALITY WATERS AS CLASSIFIED BY THE ENVIRONMENTAL MANAGEMENT COMMISSION, STABILIZATION WITH GROUND COVER SHALL BE ACHIEVED AS SOON AS PRACTICABLE BUT IN ANY EVENT ON ALL AREAS OF THE SITE WITHIN 7 CALENDAR DAYS FROM THE LAST LAND-DISTURBING ACT.

VII. FOR PORTIONS OF PROJECTS LOCATED IN OUTSTANDING RESOURCE WATERS WATERSHEDS AS CLASSIFIED BY THE ENVIRONMENTAL MANAGEMENT COMMISSION, STABILIZATION WITH GROUND COVER SHALL BE ACHIEVED AS SOON AS PRACTICABLE BUT IN ANY EVENT ON ALL AREAS WITHIN 7 CALENDAR DAYS FROM THE LAST LAND-DISTURBING ACT.

VIII. PORTIONS OF A SITE THAT ARE LOWER IN ELEVATION THAN ADJACENT DISCHARGE LOCATIONS AND ARE NOT EXPECTED TO DISCHARGE DURING CONSTRUCTION MAY BE EXEMPT FROM THE TEMPORARY GROUND COVER REQUIREMENTS IF IDENTIFIED ON THE APPROVED E&SC PLAN OR ADDED BY THE PERMITTING AUTHORITY.

5. SELF INSPECTION AND REPORTING REQUIREMENTS (PER NCG010000) MINIMUM SELF INSPECTION AND REPORTING REQUIREMENTS ARE AS FOLLOWS UNLESS OTHERWISE APPROVED IN WRITING BY THE DIVISION OF WATER QUALITY.

A. A RAIN GAUGE SHALL BE MAINTAINED IN GOOD WORKING ORDER ON THE SITE UNLESS ANOTHER RAIN MONITORING DEVICE HAS BEEN APPROVED BY THE PERMITTING AUTHORITY.

B. A WRITTEN RECORD OF THE DAILY RAINFALL AMOUNTS SHALL BE RETAINED AND ALL RECORDS SHALL BE MADE AVAILABLE TO DWO OR AUTHORIZED AGENT UPON REQUEST (NOTE: IF NO RAINFALL OCCURRED, THE PERMITEE MUST RECORD "ZERO").

C. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. INSPECTION RECORDS MUST BE MAINTAINED FOR EACH INSPECTION EVENT AND FOR EACH MEASURE. AT A MINIMUM, INSPECTION OF MEASURES MUST OCCUR AT THE FREQUENCY INDICATED BELOW:

I. ALL EROSION AND SEDIMENTATION CONTROL MEASURES MUST BE INSPECTED BY OR UNDER THE DIRECTION OF THE PERMITEE AT LEAST ONCE EVERY SEVEN CALENDAR DAYS, AND

II. ALL EROSION AND SEDIMENT CONTROL MEASURES MUST BE INSPECTED BY OR UNDER THE DIRECTION OF THE PERMITEE WITHIN 24 HOURS AFTER ANY STORM EVENT OF GREATER THAN 0.50 INCHES OF RAIN PER 24 HOUR PERIOD.

III. TIMES WHEN A DETERMINATION THAT ADVERSE WEATHER CONDITIONS PREVENTED INSPECTIONS SHOULD BE DOCUMENTED ON THE INSPECTION RECORD.

D. ONCE LAND DISTURBANCE HAS BEGUN ON THE SITE, STORMWATER RUNOFF DISCHARGE OUTFALLS SHALL BE INSPECTED BY OBSERVATION FOR EROSION, SEDIMENTATION AND OTHER STORMWATER \ DISCHARGE CHARACTERISTICS SUCH AS CLARITY, FLOATING SOLIDS, AND OIL SHEENS. INSPECTIONS OF THE OUTFALLS SHALL BE MADE AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS AFTER ANY STORM EVENT OF GREATER THAN 0.50 INCHES OF RAIN PER 24 HOUR PERIOD.

E. INSPECTIONS ARE ONLY REQUIRED TO BE MADE DURING NORMAL BUSINESS HOURS. WHEN ADVERSE WEATHER CONDITIONS WOULD CAUSE THE SAFETY OF THE INSPECTION PERSONNEL TO BE IN JEOPARDY, THE INSPECTION CAN BE DELAYED UNTIL IT IS DEEMED SAFE TO PERFORM THESE DUTIES. IF THE INSPECTION CANNOT BE DONE ON THAT DAY, IT MUST BE COMPLETED ON THE FOLLOWING BUSINESS DAY.

F. TWENTY-FOUR HOUR REPORTING FOR VISIBLE SEDIMENT DEPOSITION

I. THE PERMITEE SHALL REPORT TO THE DIVISION OF WATER QUALITY CENTRAL OFFICE OR THE APPROPRIATE REGIONAL OFFICE ANY VISIBLE SEDIMENT BEING DEPOSITED IN ANY STREAM OR WETLAND OR ANY NONCOMPLIANCE WHICH MAY ENDANGER HEALTH OR THE ENVIRONMENT. (SEE SECTION IX OF THIS PERMIT FOR CONTACT INFORMATION.) ANY INFORMATION SHALL BE PROVIDED ORALLY OR ELECTRONICALLY WITHIN 24 HOURS FROM THE TIME THE PERMITEE BECAME AWARE OF THE CIRCUMSTANCES. VISIBLE DISCOLORATION OR SUSPENDED SOLIDS IN THE EFFLUENT SHOULD BE RECORDED ON THE INSPECTION RECORD AS PROVIDED BELOW.

II. A WRITTEN SUBMISSION SHALL BE PROVIDED TO THE APPROPRIATE REGIONAL OFFICE OF THE DWO WITHIN 5 DAYS OF THE TIME THE PERMITEE BECOMES AWARE OF THE CIRCUMSTANCES. THE WRITTEN SUBMISSION SHALL CONTAIN A DESCRIPTION OF THE SEDIMENT DEPOSITION AND ACTIONS TAKEN TO ADDRESS THE CAUSE OF THE DEPOSITION. THE DIVISION OF WATER QUALITY STAFF MAY WAIVE THE REQUIREMENT FOR A WRITTEN REPORT ON A CASE-BY-CASE BASIS.

G. RECORDS OF INSPECTIONS MADE DURING THE PREVIOUS 30 DAYS SHALL REMAIN ON THE SITE AND AVAILABLE FOR AGENCY INSPECTORS AT ALL TIMES DURING NORMAL WORKING HOURS, UNLESS THE PERMITTING AUTHORITY PROVIDES A SITE-SPECIFIC EXEMPTION BASED ON UNIQUE SITE CONDITIONS THAT MAKE THIS REQUIREMENT NOT PRACTICAL. OLDER RECORDS MUST BE MAINTAINED FOR A PERIOD OF ONE YEAR AFTER PROJECT COMPLETION AND MADE AVAILABLE UPON REQUEST. THE RECORDS MUST PROVIDE THE DETAILS OF EACH INSPECTION INCLUDING OBSERVATIONS, AND ACTIONS TAKEN IN ACCORDANCE WITH THIS PERMIT. THE PERMITEE SHALL RECORD THE REQUIRED RAINFALL AND MONITORING OBSERVATIONS ON THE "INSPECTION RECORD FOR ACTIVITIES UNDER STORMWATER GENERAL PERMIT NCG010000" FORM PROVIDED BY THE DIVISION OR A SIMILAR INSPECTION FORM THAT IS INCLUSIVE OF ALL OF THE ELEMENTS CONTAINED IN THE DIVISION'S FORM. ELECTRONIC STORAGE OF RECORDS WILL BE ALLOWED IF APPROVED BY THE PERMITTING AUTHORITY.

H. INSPECTION RECORDS MUST INCLUDE, AT A MINIMUM, THE FOLLOWING:

I. CONTROL MEASURE INSPECTIONS: INSPECTION RECORDS MUST INCLUDE AT A MINIMUM: 1. IDENTIFICATION OF THE MEASURES INSPECTED,

II. STORMWATER DISCHARGE INSPECTIONS: INSPECTION RECORDS MUST INCLUDE AT A MINIMUM: 1. IDENTIFICATION OF THE DISCHARGE OUTFALL INSPECTED,

2. DATE AND TIME OF THE INSPECTION,

GENERAL NOTES

- 1. ALL CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO THE CURRENT SPECIFICATIONS AND STANDARDS OF GREENVILLE UTILITIES AND BE IN CONFORMANCE WITH THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION (NCDOT) REQUIREMENTS.
2. TEMPORARY DRAINAGE DURING CONSTRUCTION SHALL BE PROVIDED BY THE CONTRACTOR TO RELIEVE AREAS THAT MAY CAUSE DAMAGE TO THE ROADWAYS OR IMPEDE TRAFFIC AS DIRECTED BY THE NCDOT WITHIN THE PROJECT LIMITS.
3. PRIOR TO CONSTRUCTION OR EXCAVATION, THE CONTRACTOR SHALL ASSUME THE RESPONSIBILITY OF LOCATING ANY UNDERGROUND UTILITIES (PUBLIC AND/OR PRIVATE) THAT MAY EXIST IN THE AREA OF CONSTRUCTION. UTILITY OWNERS SHALL BE NOTIFIED 72 HOURS IN ADVANCE OF ANY EXCAVATION IN THE PROXIMITY OF THE UTILITIES. THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL BE RESPONSIBLE FOR THE REPAIR OF EXISTING UTILITIES DAMAGED DURING CONSTRUCTION.
4. THE CONTRACTOR SHALL CONTACT THE NC 811 CENTER AT 1-800-632-4949 72 HOURS IN ADVANCE OF ANY CONSTRUCTION.
5. ALL DRAINAGE PIPES AND STRUCTURES SHALL BE CLEANED OF DEBRIS AND ERODED MATERIALS RESULTING FROM CONSTRUCTION. THESE PIPES AND STRUCTURES SHALL BE MAINTAINED CLEAN DURING THE PERIOD OF CONSTRUCTION.
6. ALL DISTURBED SLOPES SHALL BE RESTORED TO EXISTING GRADES AND STABILIZED WITH SEED & MULCH AND TACKED IF APPROPRIATE.
7. THE GAS MAIN SHALL BE INSTALLED SO AS TO PROVIDE A MINIMUM OF TWELVE (12") INCHES OF CLEARANCE TO ALL OTHER UNDERGROUND UTILITIES AND STRUCTURES. WHERE THIS IS NOT POSSIBLE APPROPRIATE PROTECTION SHALL BE PROVIDED. GAS MAINS INSTALLED BY HDD MUST MAINTAIN, AT A MINIMUM, 24" OF CLEARANCE FROM THE BOTTOM OF RCPs 36" AND LARGER.
8. ALL EXISTING PAVEMENT DAMAGED DURING CONSTRUCTION SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS BY THE CONTRACTOR ACCORDING TO THE DETAILS PROVIDED IN THE PLANS.
9. REFERENCE TO DEMLR REFERS TO THE STANDARDS AND SPECIFICATIONS CONTAINED IN THE NORTH CAROLINA DIVISION OF ENERGY, MINERAL AND LAND RESOURCES, EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL.
10. CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES AS DESCRIBED ON THE PROJECT PLANS AND DETAILS DURING CONSTRUCTION AND SURFACE RESTORATION UNTIL SUCH MEASURES ARE NOT NECESSARY. WHERE ADDITIONAL MEASURES ARE NECESSARY, THE CONTRACTOR SHALL INSTALL AND MAINTAIN THE APPROPRIATE MEASURES ACCORDING TO THE NORTH CAROLINA DIVISION OF ENERGY, MINERAL AND LAND RESOURCES DESIGN MANUAL.
11. REFER TO NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES AND/OR PENALTIES RESULTING FROM ALL NON-COMPLIANCE WITH FEDERAL, STATE, AND LOCAL PERMITS AND ENCROACHMENT AGREEMENTS.
13. REPLACE ALL DAMAGED DRAIN CULVERTS WITH NEW CULVERTS OF THE SAME SIZE AND MATERIAL.

REVISIONS:

Table with 3 columns: NO., DATE, REVISION. Includes a description box for the revision.



GEN. NOTES, BILL OF MATERIALS AND EROSION CONTROL
GREENVILLE UTILITIES COMMISSION
GCP-10094 THOMAS LANGSTON ROAD ENHANCEMENTS
NORTH CAROLINA
PITT COUNTY



Table with 2 columns: SURVEY, DESIGN, PROJECT No., DRAWING No., SCALE, SHEET No. Values include JML, FLS, 2017024, W-3749, AS SHOWN, OF 24.



Thomas Langston Road Enhancement (GCP-10094) (Material List)

Table with 5 columns: Item #, Item, Plan Qty, Unit, Specification. Lists various materials like pipes, tees, valves, and couplings with their quantities and units.

P:\MapInfo\GUC - Thomas Langston Road Enhancements - 20170624\GUC - Thomas Langston Road Enhancements - 20170624\DWG\ASCE MAP - GUC Thomas Langston Rd.dwg T3.LXD(24)38-May-18 @ 2:18:25 PM

<p>PARCEL 2B DRAWING NO. G-1201-X JAMIE G. STOKES & WIFE MAMIE W. STOKES PARCEL NUMBER: 47626 DB 436 / PG 674</p> <p>STATUS: EASEMENT RECORDED 11/17/2017 DB 3620 / PG 686-689</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>	<p>PARCEL 7B DRAWING NO. G-1206-X BLUEMAX RENTALS, LLC PARCEL NUMBER: 47631 DB 2583 / PG 454</p> <p>STATUS: EASEMENT RECORDED 11/17/2017 DB 3620 / PG 717-720</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>
<p>PARCEL 2B DRAWING NO. G-1202-X JAMIE G. STOKES & WIFE MAMIE W. STOKES PARCEL NUMBER: 47627 DB 566 / PG 574</p> <p>STATUS: EASEMENT RECORDED 11/17/2017 DB 3620 / PG 682-685</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>	<p>PARCEL 8B DRAWING NO. G-1207-X GAIL JOHNSON SUGGS KENNEDY PARCEL NUMBER: 47632 DB 3579 / PG 831</p> <p>STATUS: EASEMENT UNDER NEGOTIATION DB ____ / PG ____</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>
<p>PARCEL 2B DRAWING NO. G-1203-X JAMIE G. STOKES & WIFE MAMIE W. STOKES PARCEL NUMBER: 47628 DB 3127 / PG 583</p> <p>STATUS: EASEMENT RECORDED 11/17/2017 DB 3620 / PG 678-681</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>	<p>PARCEL 9B DRAWING NO. G-1208-X FRANCIS EDWARD KENNEDY, III & WIFE TRACY S. KENNEDY PARCEL NUMBER: 47633 DB 3579 / PG 839</p> <p>STATUS: EASEMENT RECORDED 5/1/2018 DB 3670 / PG 311-314</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>
<p>PARCEL 5B DRAWING NO. G-1204-X DAVID E. DAVIS & WIFE HARRIET W. DAVIS PARCEL NUMBER: 47629 DB 3056 / PG 682</p> <p>STATUS: EASEMENT RECORDED 12/19/2017 DB 3630 / PG 868-871</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>	<p>PARCEL 10B DRAWING NO. G-1209-X DAVID TIMOTHY WEBB & WIFE BETTY LEE WEBB PARCEL NUMBER: 50065 DB 1346 / PG 91</p> <p>STATUS: EASEMENT RECORDED 5/1/2018 DB 3670 / PG 302-305</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>
<p>PARCEL 6B DRAWING NO. G-1205-X WILLIAM SCOTTY SMITH PARCEL NUMBER: 47930 ESTATE FILE 2015-34</p> <p>STATUS: EASEMENT RECORDED 5/11/18 DB 3673 / PG 603-606</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>	<p>PARCEL 11B DRAWING NO. G-1210-X TIMOTHY D. FERRUZZI & WIFE ANN C. NUNEZ PARCEL NUMBER: 50066 DB 2088 / PG 104</p> <p>STATUS: EASEMENT UNDER NEGOTIATION DB ____ / PG ____</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>
<p>PARCEL 12B DRAWING NO. G-1211-X TIMOTHY D. FERRUZZI & WIFE ANN C. NUNEZ PARCEL NUMBER: 50067 DB 2088 / PG 104</p> <p>STATUS: EASEMENT UNDER NEGOTIATION DB ____ / PG ____</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p> <p>** NOTICE OF INTENT TO FILE CONDEMNATION ACTION ISSUED ON APRIL 30, 2018</p>	<p>PARCEL TRADE DRAWING NO. G-1222-X TRADE LAND COMPANY, LLC PARCEL NUMBER: 48870 DB 3289 / PG 799</p> <p>STATUS: EASEMENT RECORDED 5/1/2018 DB 3670 / PG 315-318</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>
<p>PARCEL 13B DRAWING NO. G-1212-X ABI INVESTMENTS, LLC PARCEL NUMBER: 74953 DB 3286 / PG 742</p> <p>STATUS: EASEMENT RECORDED 3/9/2018 DB 3653 / PG 507-510</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>	<p>PARCEL ANGE DRAWING NO. G-1223-X HOMES ON THE ANGE, INC. PARCEL NUMBER: 66255 DB 1686 / PG 455</p> <p>STATUS: EASEMENT RECORDED 5/7/2018 DB 3673 / PG 615-619</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>
<p>PARCEL 14B DRAWING NO. G-1213-X ABI INVESTMENTS, LLC PARCEL NUMBER: 74954 DB 3286 / PG 742</p> <p>STATUS: EASEMENT RECORDED 3/9/2018 DB 3653 / PG 511-515</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>	<p>PARCEL 179/180 DRAWING NO. G-1227-X CHARLESTON DEVELOPMENT CO., INC. PARCEL NUMBER: 73473 & 73474 DB 1586 / PG 442</p> <p>STATUS: EASEMENT RECORDED 5/1/2018 DB 3670 / PG 294-297</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>
<p>PARCEL AMA DRAWING NO. G-1214-X AMA HOLDINGS, LLC PARCEL NUMBER: 02228 DB 2849 / PG 26</p> <p>STATUS: EASEMENT RECORDED 11/17/2017 DB 3620 / PG 721-725</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>	<p>PARCEL 181 DRAWING NO. G-1228-X ERIC T. LAROQUE & SUZANNE E. LAROQUE PARCEL NUMBER: 73475 DB 3564 / PG 467</p> <p>STATUS: EASEMENT RECORDED 4/20/2018 DB 3666 / PG 636-639</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>
<p>PARCEL AMA DRAWING NO. G-1221-X AMA HOLDINGS, LLC PARCEL NUMBER: 23627 DB 2849 / PG 26 MB 14 / PG 12</p> <p>STATUS: EASEMENT RECORDED 11/17/2017 DB 3620 / PG 726-729</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>	<p>PARCEL 182 DRAWING NO. G-1229-X BRANDON I. WILLIAMS & WIFE JESSICA D. WILLIAMS PARCEL NUMBER: 73476 DB 3414 / PG 796 MB 68 / PG 131</p> <p>STATUS: EASEMENT RECORDED 4/17/2018 DB 3665 / PG 450-453</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>

<p>PARCEL 184 DRAWING NO. G-1230-X CHARLESTON DEVELOPMENT CO., INC. PARCEL NUMBER: 73478 DB 1586 / PG 442</p> <p>STATUS: EASEMENT RECORDED 5/1/2018 DB 3670 / PG 298-301</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>	<p>PARCEL 32 DRAWING NO. G-1235-X SCOTT BRITNER & WIFE, MELISSA BRITNER PARCEL NUMBER: 73437 DB 2381 / PG 423</p> <p>STATUS: EASEMENT RECORDED 4/17/2018 DB 3665 / PG 446-449</p> <p>PROPERTY OWNER WOULD LIKE TO BE NOTIFIED PRIOR TO CONSTRUCTION BEGINNING ON THEIR PROPERTY @ (252) 902-8002 TO SECURE HER DOG</p>
<p>PARCEL 100 DRAWING NO. G-1231-X MORGAN S. KISER PARCEL NUMBER: 73465 DB 3432 / PG 13</p> <p>STATUS: EASEMENT RECORDED 4/8/2018 DB 3662 / PG 268-270</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>	<p>PARCEL 20 DRAWING NO. G-1236-X JO W. KUHN PARCEL NUMBER: 71201 DB 3597 / PG 315</p> <p>STATUS: EASEMENT RECORDED 5/1/2018 DB 3670 / PG 306-310</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>
<p>PARCEL 99 DRAWING NO. G-1232-X JOEL A. SHELTON PARCEL NUMBER: 73464 DB 3430 / PG 134</p> <p>STATUS: EASEMENT RECORDED 3/16/2018 DB 3655 / PG 355-358</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>	<p>PARCEL 19 DRAWING NO. G-1237-X MATTHEW JONES & KRISTEN LEIGH JONES PARCEL NUMBER: 71200 DB 3528 / PG 233</p> <p>STATUS: EASEMENT RECORDED 3/23/2018 DB 3657 / PG 701-704</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>
<p>PARCEL 81 DRAWING NO. G-1233-X KARA M. HINES PARCEL NUMBER: 73455 DB 2657 / PG 200</p> <p>STATUS: EASEMENT RECORDED 4/17/2018 DB 3665 / PG 442-445</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>	<p>PARCEL 14 DRAWING NO. G-1238-X DAVID G. DALTON & WIFE, CHRISTY M. DALTON PARCEL NUMBER: 69754 DB 2082 / PG 458</p> <p>STATUS: EASEMENT RECORDED 3/5/2018 DB 3651 / PG 527-530</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>
<p>PARCEL 71 DRAWING NO. G-1234-X DANIEL B. GRILL & WIFE, JENNIFER M. GRILL PARCEL NUMBER: 73447 DB 2503 / PG 310 MB 66 / PG 131</p> <p>STATUS: EASEMENT RECORDED 3/23/2018 DB 3657 / PG 718-721</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>	<p>PARCEL 32 DRAWING NO. G-1215-X MICHAEL R. DAIL & WIFE STACEY C. DAIL PARCEL NUMBER: 46219 DB 2790 / PG 80 MB 66 / PG 131</p> <p>STATUS: EASEMENT RECORDED 3/9/2018 DB 3653 / PG 499-502</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>
<p>PARCEL 45 DRAWING NO. G-1216-X SIEW FONG LEE & XIN HE PARCEL NUMBER: 46232 DB 3247 / PG 21</p> <p>STATUS: EASEMENT RECORDED 3/23/2018 DB 3657 / PG 709-713</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>	<p>PARCEL 1 DRAWING NO. G-1239-X TYRONE ARTIS & WIFE, GLENDA S. ARTIS PARCEL NUMBER: 51989 DB 502 / PG 42</p> <p>STATUS: EASEMENT RECORDED 2/9/2018 DB 3644 / PG 674-677</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>
<p>PARCEL 46 DRAWING NO. G-1217-X JAMES A. WHITFIELD & WIFE MARY B. WHITFIELD PARCEL NUMBER: 46233 DB 1062 / PG 96</p> <p>STATUS: EASEMENT RECORDED 12/07/2017 DB 3627 / PG 25-28</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>	<p>PARCEL PCC DRAWING NO. G-1226-X BOARD OF TRUSTEES OF PITT COMMUNITY COLLEGE PARCEL NUMBER: 69653 DB 1835 / PG 300 MB 62 / PG 144</p> <p>STATUS: EASEMENT RECORDED 12/08/2017 DB 3627 / PG 684-689</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>
<p>PARCEL 47 DRAWING NO. G-1218-X WILLIAM J. HEFFRON, JR. PARCEL NUMBER: 46234 DB 3060 / PG 495</p> <p>STATUS: EASEMENT RECORDED 11/07/2017 DB 3617 / PG 410-413</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>	<p>PARCEL DAVISON DRAWING NO. G-1224-X BEVERLY DAVISON, JANET HARE, JOAN NEITZ & ERIC UHLENBROCK PARCEL NUMBER: 38386 DB 3265 / PG 537</p> <p>STATUS: EASEMENT RECORDED 5/11/2018 DB 3673 / PG 607-614</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>
<p>PARCEL 11 DRAWING NO. G-1219-X ERIC T. LAROQUE & SUZANNE E. LAROQUE PARCEL NUMBER: 46198 DB 2460 / PG 781</p> <p>STATUS: EASEMENT RECORDED 3/9/2018 DB 3653 / PG 503-506</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>	<p>PARCEL PCC DRAWING NO. G-1227-X BOARD OF TRUSTEES OF PITT COMMUNITY COLLEGE PARCEL NUMBER: 39984 DB V 51 / PG 663 MB 31 / PG 96</p> <p>STATUS: EASEMENT RECORDED 12/07/2017 DB 3627 / PG 20-24</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>
<p>PARCEL 10 DRAWING NO. G-1220-X EDWARD S. GIBBS & DONNA J. GIBBS PARCEL NUMBER: 46197 DB 2529 / PG 97</p> <p>STATUS: EASEMENT RECORDED 12/07/2017 DB 3627 / PG 16-19</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>	<p>PARCEL PCC DRAWING NO. G-1225-X BOARD OF TRUSTEES OF PITT COMMUNITY COLLEGE PARCEL NUMBER: 36562 DB X 51 / PG 842 MB 31 / PG 96</p> <p>STATUS: EASEMENT RECORDED 12/07/2017 DB 3627 / PG 29-34</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>

<p>PARCEL 13 DRAWING NO. 618.MXD JERRY DAVENPORT & WIFE LYNETTE DAVENPORT PARCEL NUMBER: 52001 DB 1865 / PG 725</p> <p>STATUS: EASEMENT RECORDED 3/16/2018 DB 3655 / PG 347-350</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>	<p>PARCEL 19 DRAWING NO. 613.MXD JOHN D. MATTHEWS & WIFE LYNDIA A. MATTHEWS PARCEL NUMBER: 52007 DB 2536 / PG 320</p> <p>STATUS: EASEMENT RECORDED 3/16/2018 DB 3655 / PG 351-354</p> <p>PROPERTY OWNERS WANT TO BE NOTIFIED PRIOR TO CONSTRUCTION BEGINNING ON THEIR PROPERTY @ (252) 258-5099 TO SECURE DOGS</p>
<p>PARCEL 14 DRAWING NO. 617.MXD PATRICIA L. GAMSKY PARCEL NUMBER: 52002 DB 3323 / PG 271</p> <p>STATUS: EASEMENT RECORDED 4/20/2018 DB 3666 / PG 632-635</p> <p>HOUSE IS BEING RENTED AND OWNER WANTS PROPERTY MANAGER NOTIFIED PRIOR TO CONSTRUCTION BEGINNING ON HER PROPERTY- CALL TREY WILLIAMS @ (252) 714-6133</p>	<p>PARCEL 20 DRAWING NO. 612.MXD CHARLES. REICHERTER & WIFE DEBRA M. REICHERTER PARCEL NUMBER: 52008 DB 2791 / PG 570</p> <p>STATUS: EASEMENT RECORDED 4/13/2018 DB 3664 / PG 637-340</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>
<p>PARCEL 16 DRAWING NO. 616.MXD HARRIEL G. GARRIS & WIFE EMMA L. GARRIS PARCEL NUMBER: 52004 DB 1756 / PG 572</p> <p>STATUS: EASEMENT RECORDED 1/25/2018 DB 3640 / PG 167-190</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>	<p>PARCEL 21 DRAWING NO. 611.MXD CHARLES ANDREW ROUNTREE & WIFE SHARON WARD ROUNTREE PARCEL NUMBER: 52009 DB 544 / PG 616</p> <p>STATUS: EASEMENT RECORDED 2/23/2018 DB 3648 / PG 381-384</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>
<p>PARCEL 17 DRAWING NO. 615.MXD RICH KESSLER & MICHELLE KESSLER PARCEL NUMBER: 52005 DB 2651 / PG 1</p> <p>STATUS: EASEMENT RECORDED 3/16/2018 DB 3655 / PG 343-346</p> <p>PROPERTY OWNER WANTS TO BE NOTIFIED PRIOR TO CONSTRUCTION BEGINNING ON THEIR PROPERTY @ (919) 868-0993</p>	<p>PARCEL 22 DRAWING NO. 610.MXD DUSTIN A. DOWNIE & WIFE STEPHANIE W. DOWNIE PARCEL NUMBER: 52010 DB 3509 / PG 596</p> <p>STATUS: EASEMENT RECORDED 3/23/2018 DB 3657 / PG 697-700</p> <p>PROPERTY OWNERS WANT TO BE NOTIFIED PRIOR TO CONSTRUCTION BEGINNING ON THEIR PROPERTY @ (252) 775-0044 TO SECURE DOGS AND COORDINATE FENCE BEING RESET</p>
<p>PARCEL 18 DRAWING NO. 614.MXD RICKY BLOUNT & WIFE ELIZABETH BLOUNT PARCEL NUMBER: 52006 DB 1452 / PG 538</p> <p>STATUS: EASEMENT RECORDED 3/16/2018 DB 3655 / PG 339-342</p> <p>NO SPECIAL CONDITIONS OR REQUIREMENTS</p>	<p>PARCEL 23 DRAWING NO. 609.MXD PERRY L. ALBRITTON SR. & WIFE SHARON D. ALBRITTON PARCEL NUMBER: 52011 DB 1622 / PG 490</p> <p>STATUS: EASEMENT RECORDED 1/25/2018 DB 3640 / PG 191-194</p> <p>PROPERTY OWNERS WANT TO BE NOTIFIED PRIOR TO CONSTRUCTION BEGINNING ON THEIR PROPERTY @ (252) 258-5099 (VOICE MAIL IS OK)</p>
<p>PARCEL 25 DRAWING NO. 608.MXD CHRISTOPHER W. BARNETT & WIFE CHRISTY W. BARNETT PARCEL NUMBER: 52013 DB 2922 / PG 774</p> <p>STATUS: EASEMENT RECORDED 3/23/2018 DB 3657 / PG 705-708</p> <p>PROPERTY OWNERS WANT TO BE NOTIFIED PRIOR TO CONSTRUCTION BEGINNING ON THEIR PROPERTY @ (252) 342-5336 TO SECURE DOGS. HE WAS CONCERNED THE APPROX. 20 AUGUSTRUM BUSHES MIGHT BE IN CONFLICT- MADE AGREEMENT TO RELOCATE THEM IF THEY ARE IN CONFLICT WITH PROJECT AND ARE NEEDED TO BE REPLANTED</p>	<p>PARCEL 26 DRAWING NO. 607.MXD WILLIAM HOLDEN SHIVERS PARCEL NUMBER: 52014 DB 2073 / PG 771</p> <p>STATUS: EASEMENT RECORDED 3/23/2018 DB 3657 / PG 714-717</p> <p>PROPERTY OWNER HAS A DOG AND (ALSO HAS ALREADY MOVED BARN OUT OF RW) WOULD LIKE TO BE CALLED PRIOR TO CONSTRUCTION START ON THEIR PROPERTY @ (252) 341-0961</p>

REVISIONS:

NO.	DATE	BY	DESCRIPTION

Greenville Utilities

EASEMENT SUMMARY SHEET

GREENVILLE UTILITIES COMMISSION
GCP-10094 THOMAS LANGSTON ROAD ENHANCEMENTS

NORTH CAROLINA
PITT COUNTY

NC License: F-0624

Rivers & Associates, Inc.
107 East Second Street
Greenville, NC 27638
(252) 752-4135

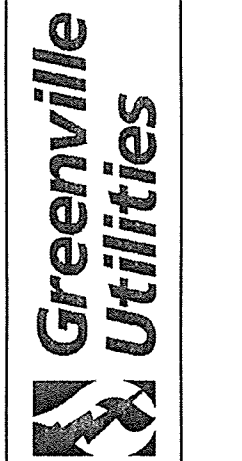
Engineers
Planners
Surveyors
Landscape Architects

5/29/18

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DRAWING No.	W-3749		
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SHEET No.	OF 24		

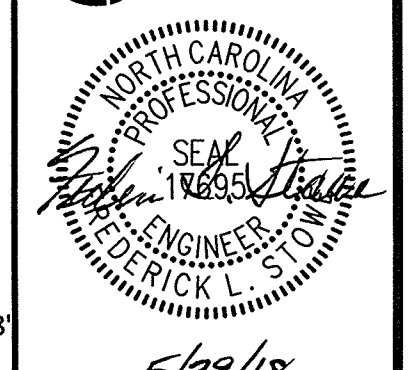
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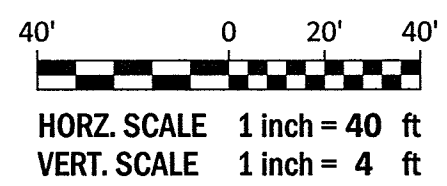
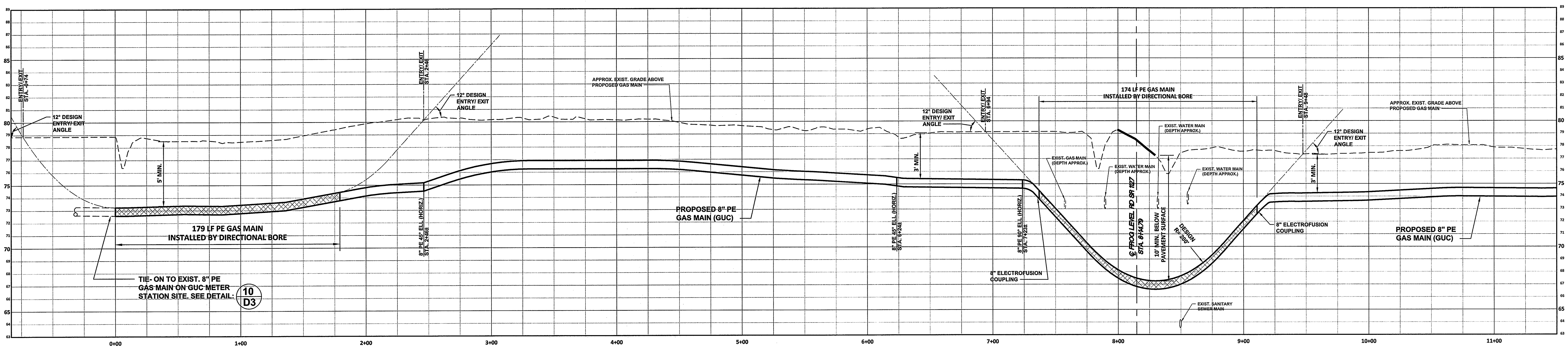
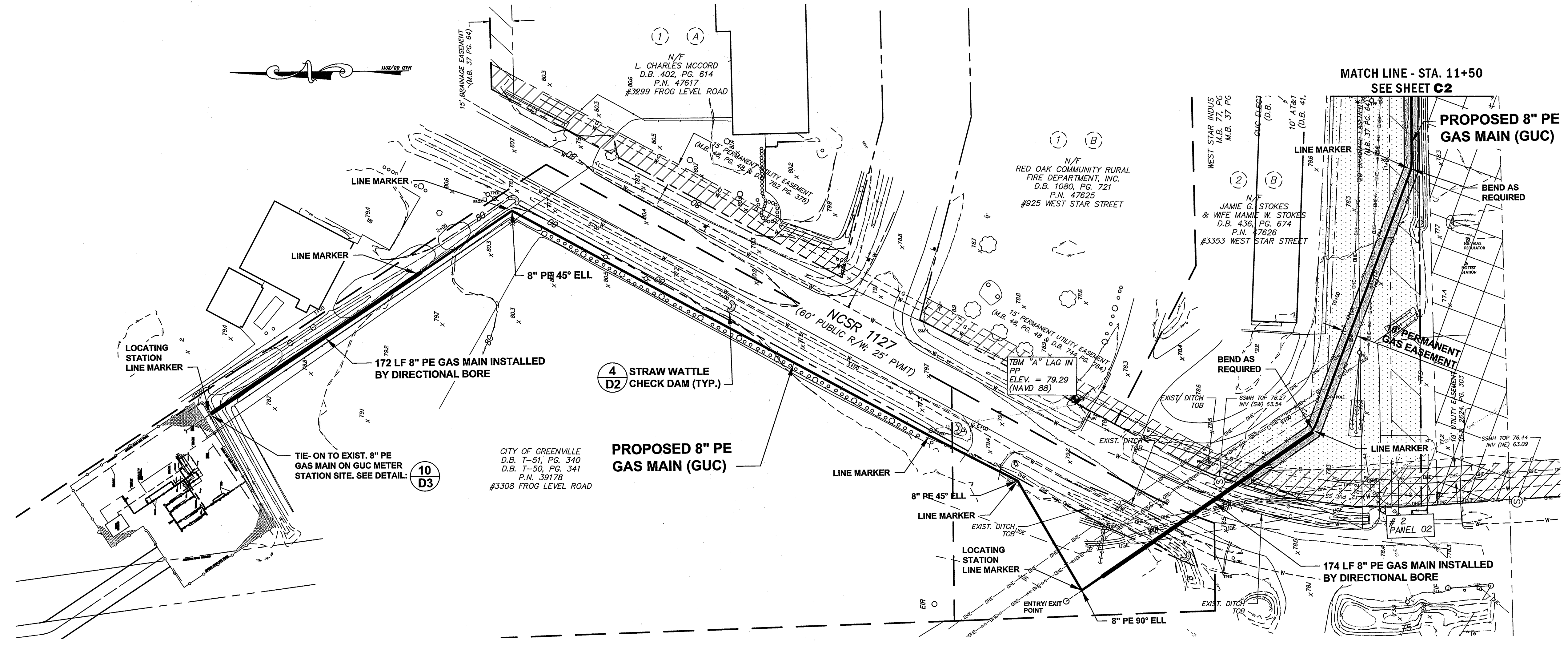
PLAN SHEET
GREENVILLE UTILITIES COMMISSION
GCP-10094 THOMAS LANGSTON
ROAD ENHANCEMENTS
 NORTH CAROLINA

Rivers & Associates, Inc.
 ENGINEERS
 107 East Second Street
 Greenville, NC 27838
 (252) 752-4135
 Landscape Architects



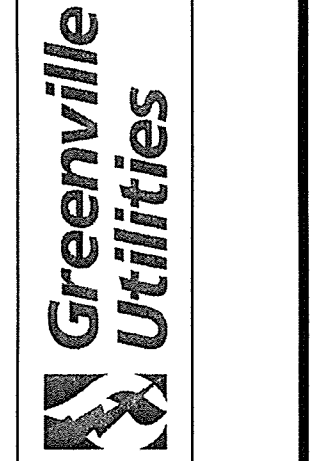
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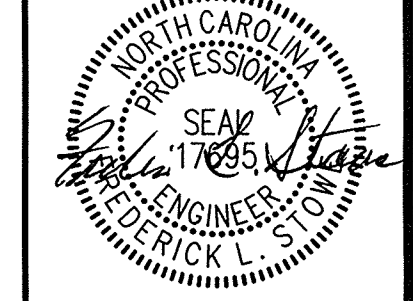
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PLAN SHEET
GREENVILLE UTILITIES COMMISSION
GCP-10094 THOMAS LANGSTON
ROAD ENHANCEMENTS

NORTH CAROLINA
 PITT COUNTY

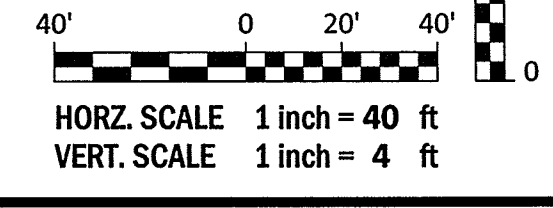
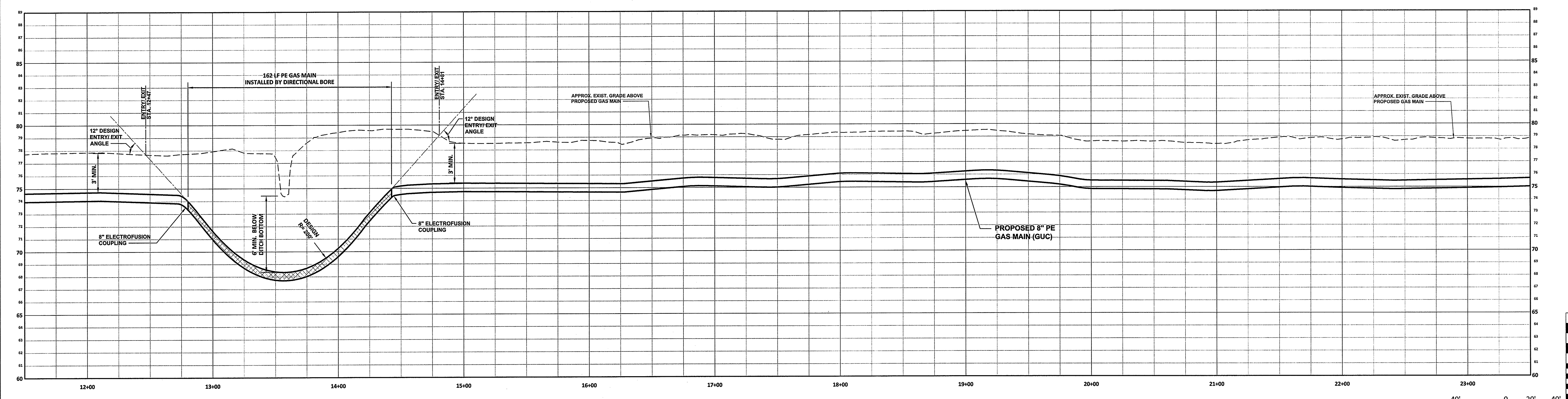
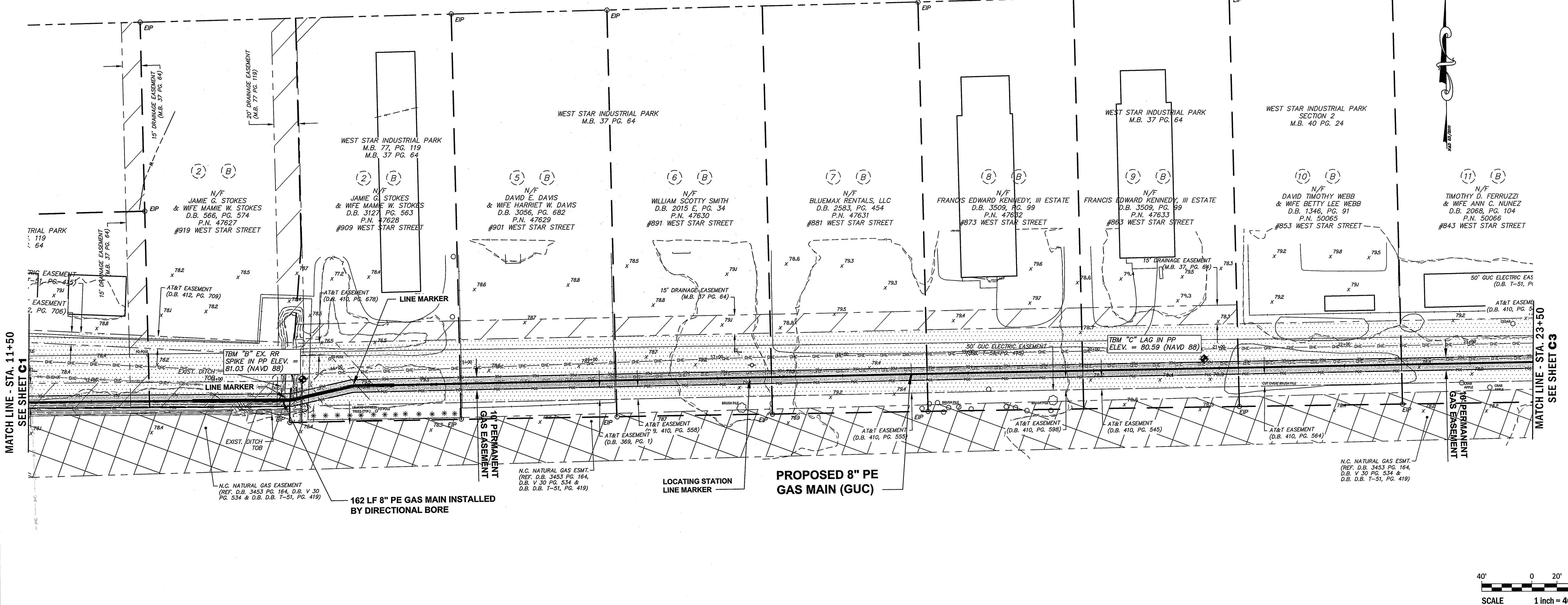
Rivers
 & ASSOCIATES, INC.
 107 East Second Street
 Greenville, NC 27835
 (252) 792-4135
 Landscape Architects



5/29/18
 SURVEY: JML
 DESIGN: FLS
 PROJECT No. 2017024
 DRAWING No. W-3749
 SCALE: 1" = 40'
 SHEET No. OF 24

C2

WEST STAR STREET
 (60' PUBLIC R/W)



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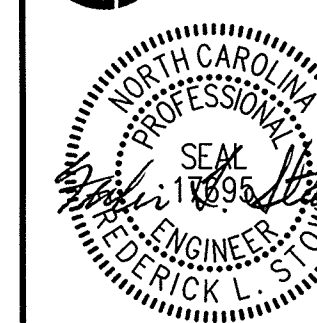
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GCP-10094 THOMAS LANGSTON
ROAD ENHANCEMENTS

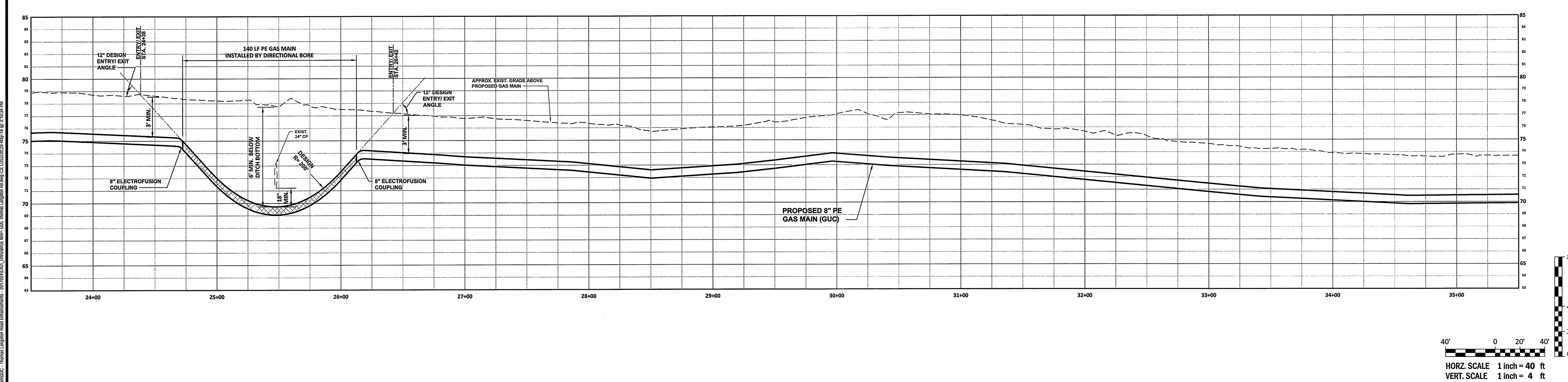
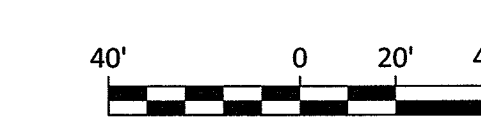
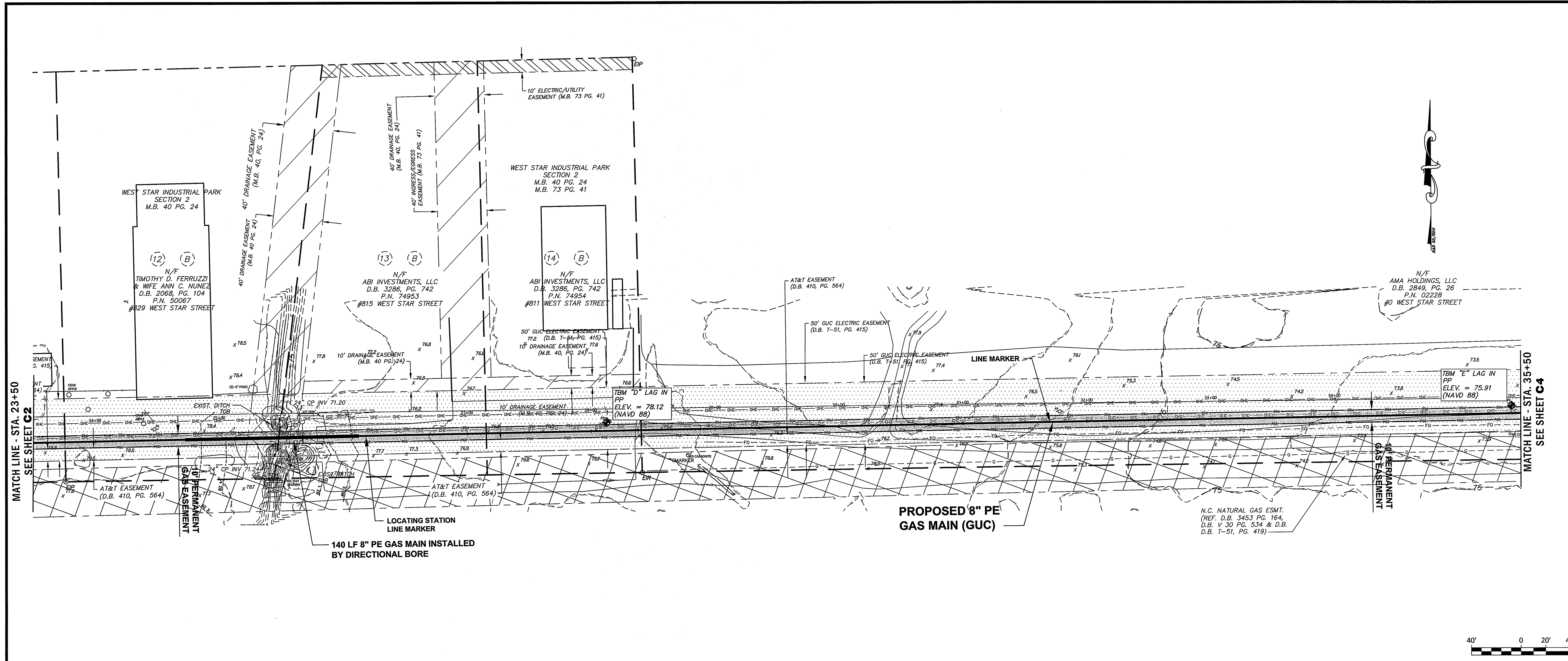
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 Landscape Architects

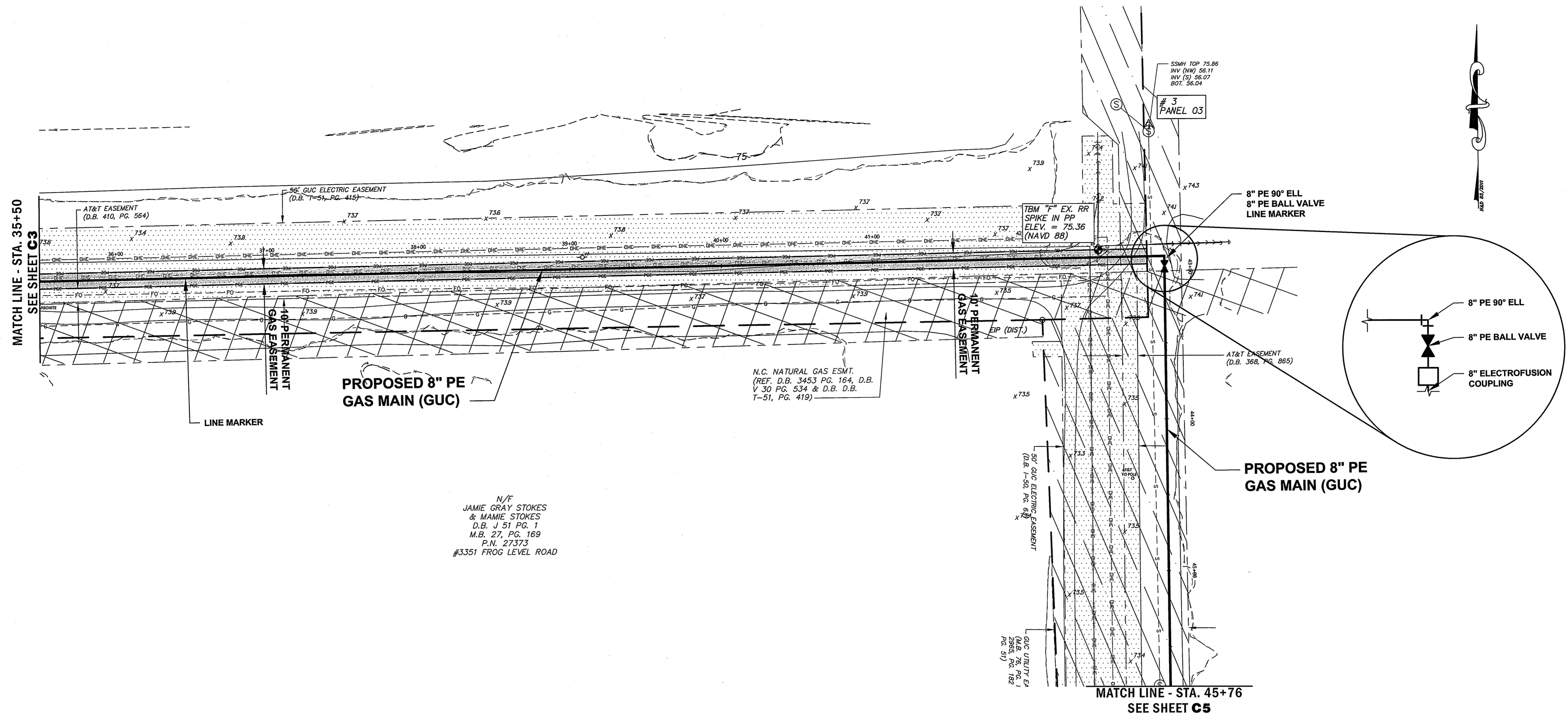


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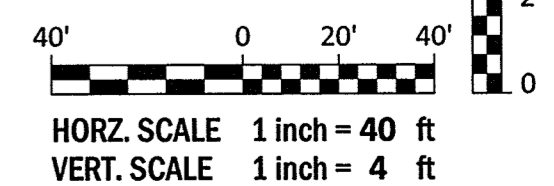
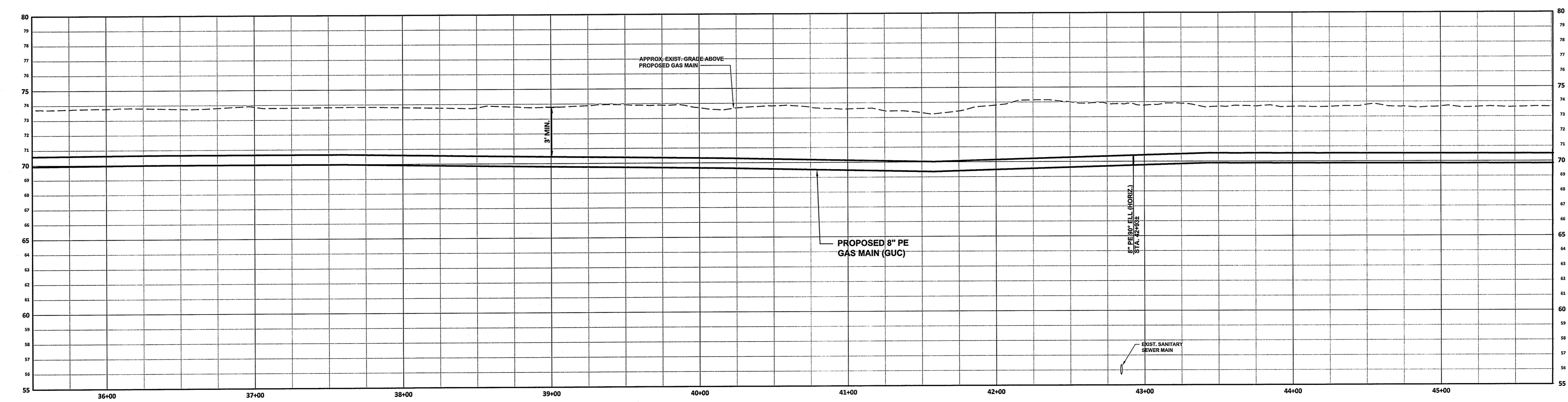
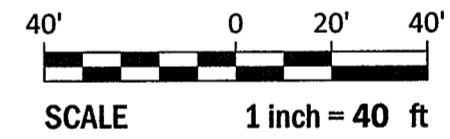
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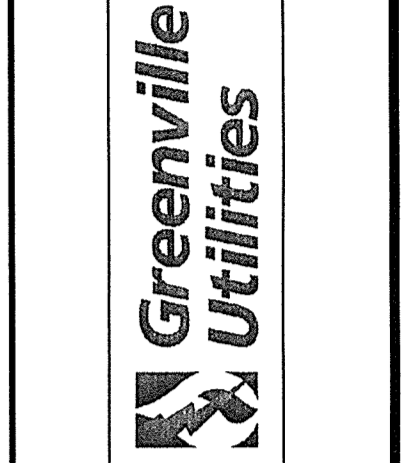
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N/F
 JAMIE GRAY STOKES
 & MAMIE STOKES
 D.B. J 51 PG. 1
 M.B. 27, PG. 169
 P.N. 27373
 #3351 FROG LEVEL ROAD

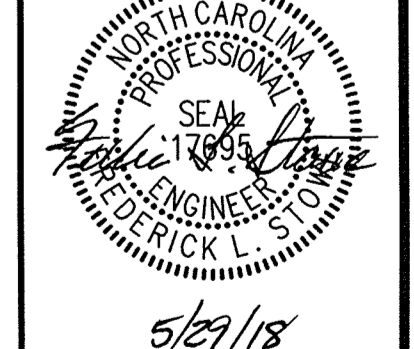


REVISIONS:	
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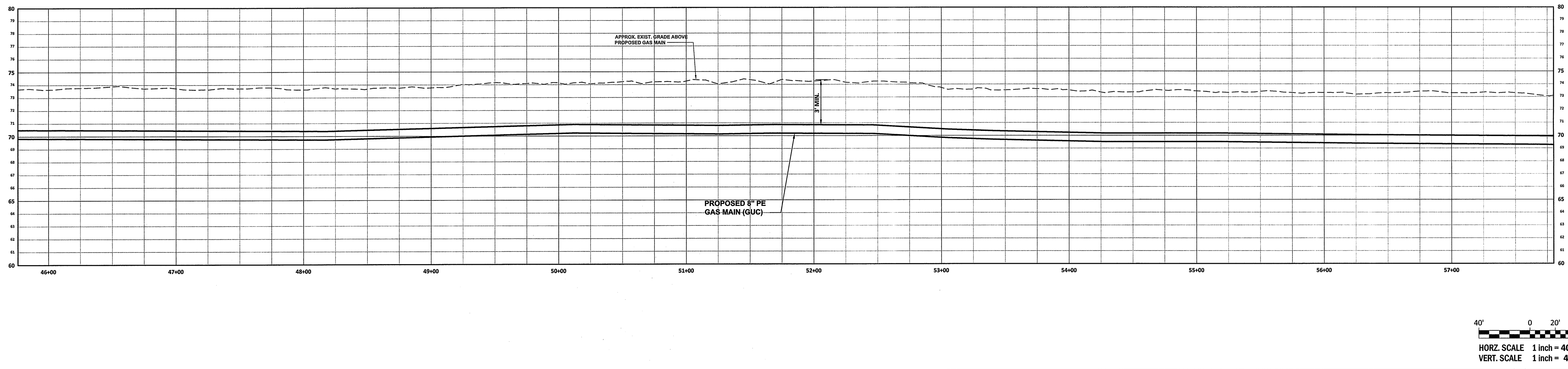
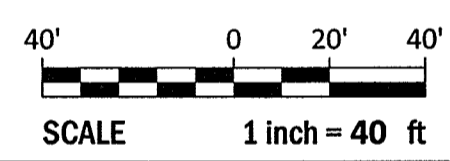
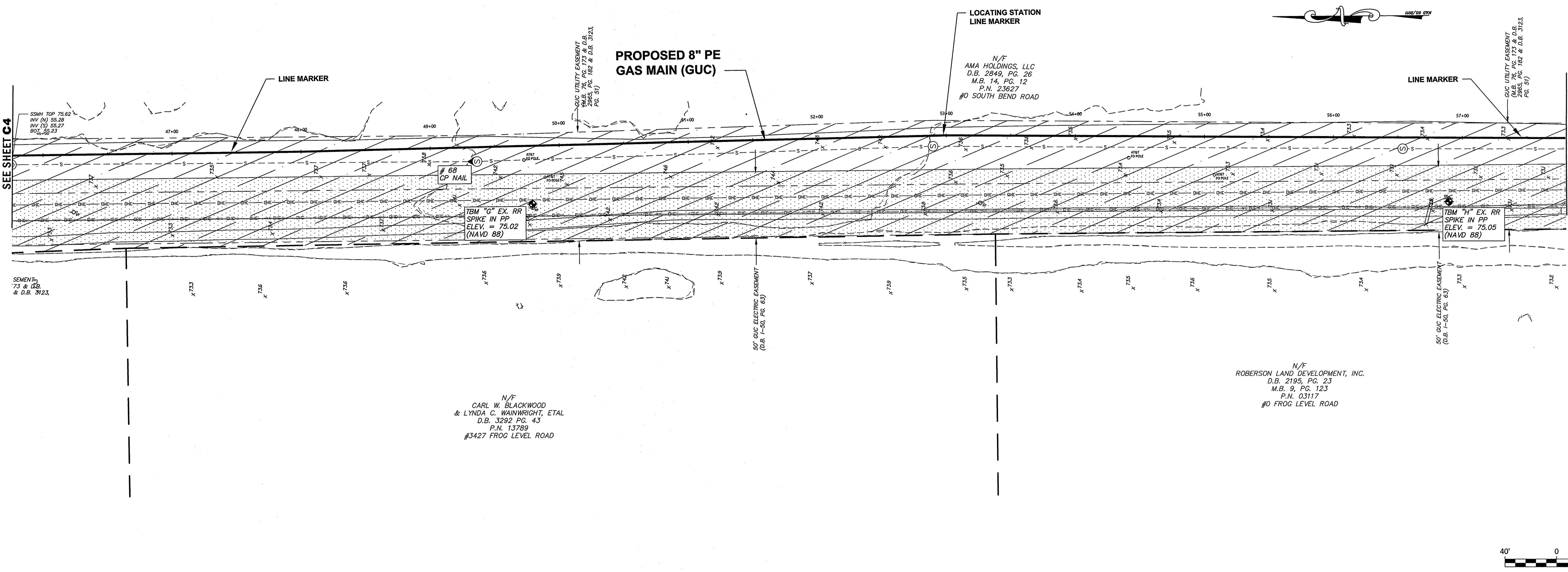
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DESIGN	FLS CHECK	FLS
PROJECT No.	2017024	
DRAWING No.	W-3749	
SCALE:	1"=40'	
SHEET No.	OF 24	

C4

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 User: JML
 Date: 5/18/18
 Time: 10:00:00 AM

MATCH LINE - STA. 45+76
SEE SHEET C4

MATCH LINE - STA. 57+80
SEE SHEET C6



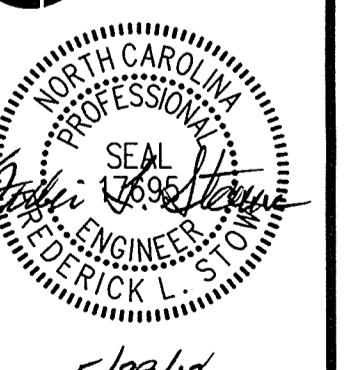
REVISIONS:

REV.	DESCRIPTION	DATE	APP.



PLAN SHEET
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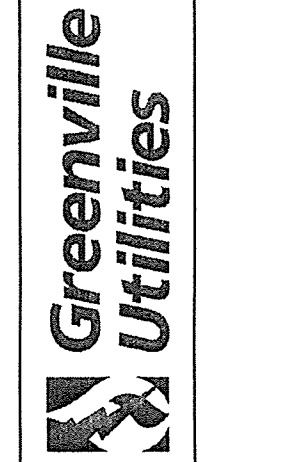
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DESIGN	FLS	FLS
PROJECT No.	2017024	
DRAWING No.	W-3749	
SCALE:	1" = 40'	
SHEET No.	OF 24	

C5

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REVISIONS:

REV.	DESCRIPTION	DATE	APP.



PLAN SHEET
GREENVILLE UTILITIES COMMISSION
GCP-10094 THOMAS LANGSTON
ROAD ENHANCEMENTS
 NORTH CAROLINA
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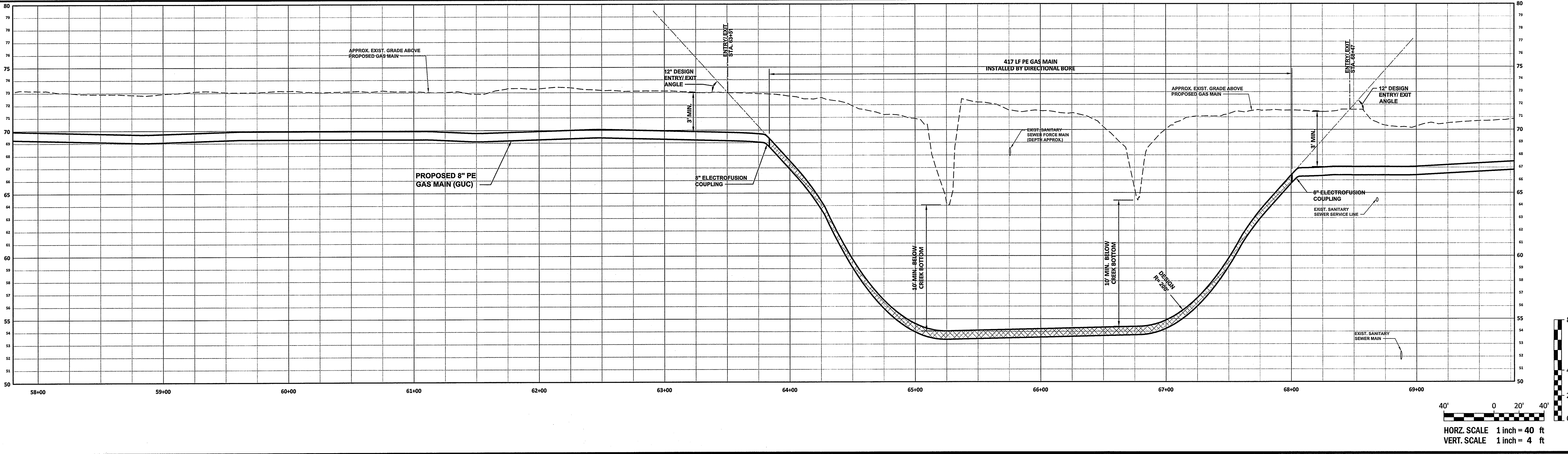
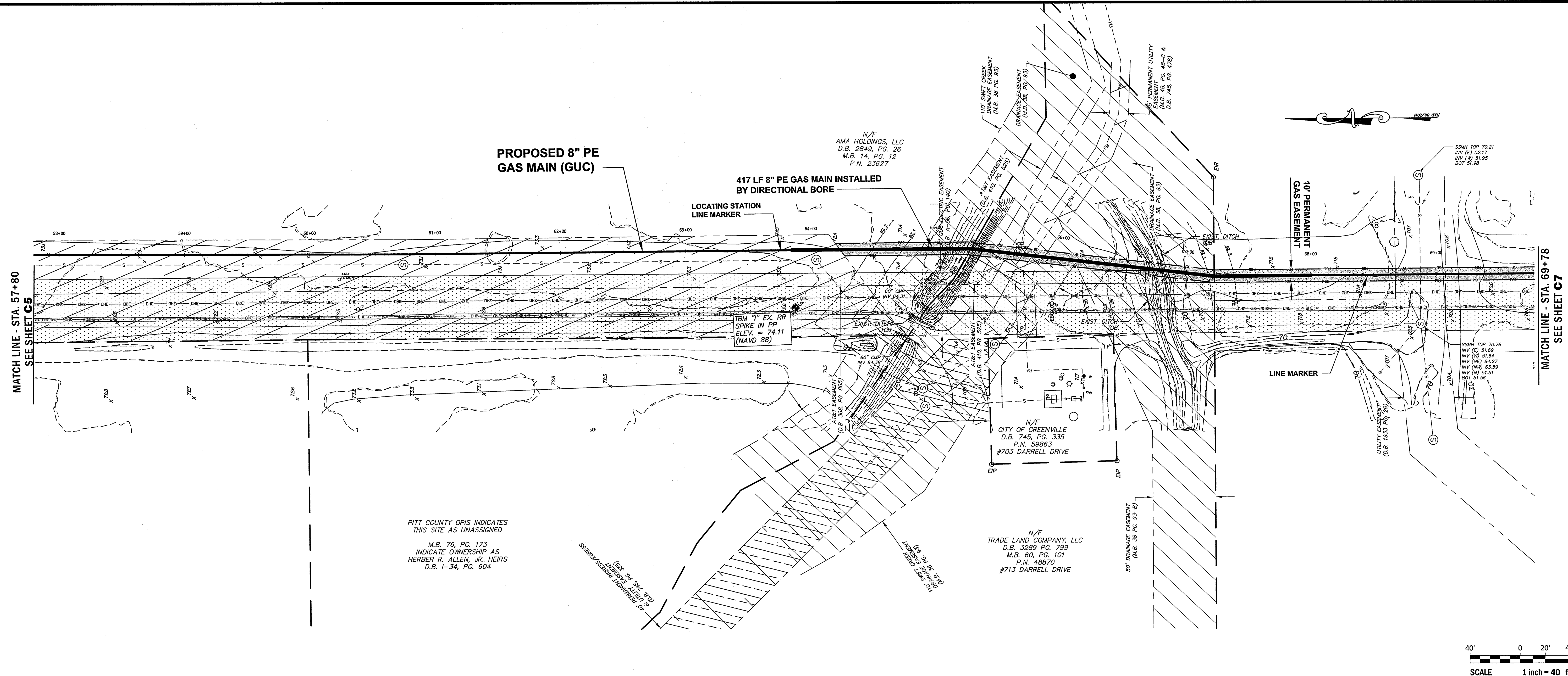
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SURVEY	DRAFT	JML
DESIGN	FLS	FLS
PROJECT No.	2017024	
DRAWING No.	W-3749	
SCALE:	1" = 40'	

SHEET No. **C6** OF 24



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REVISIONS:

NO.	DATE	APP.

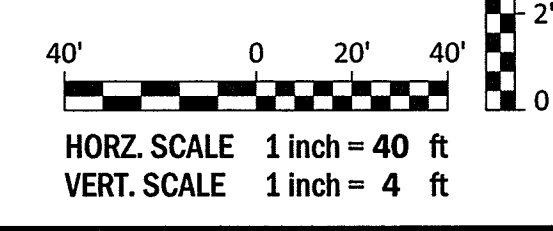
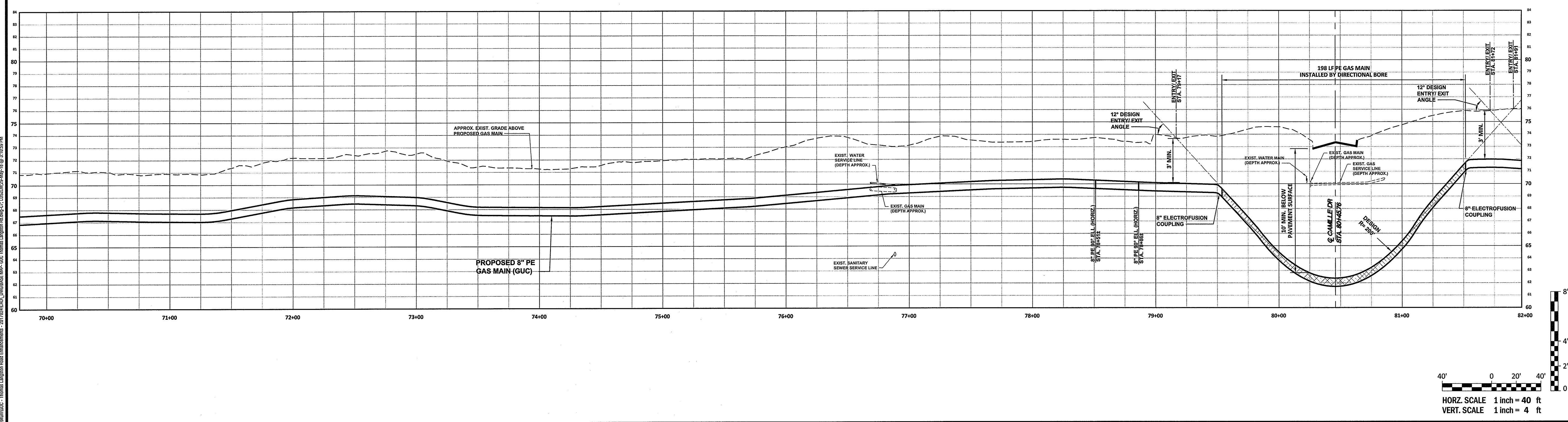
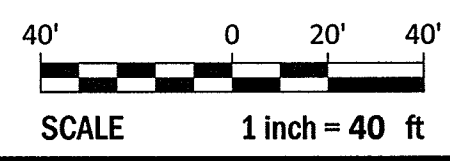
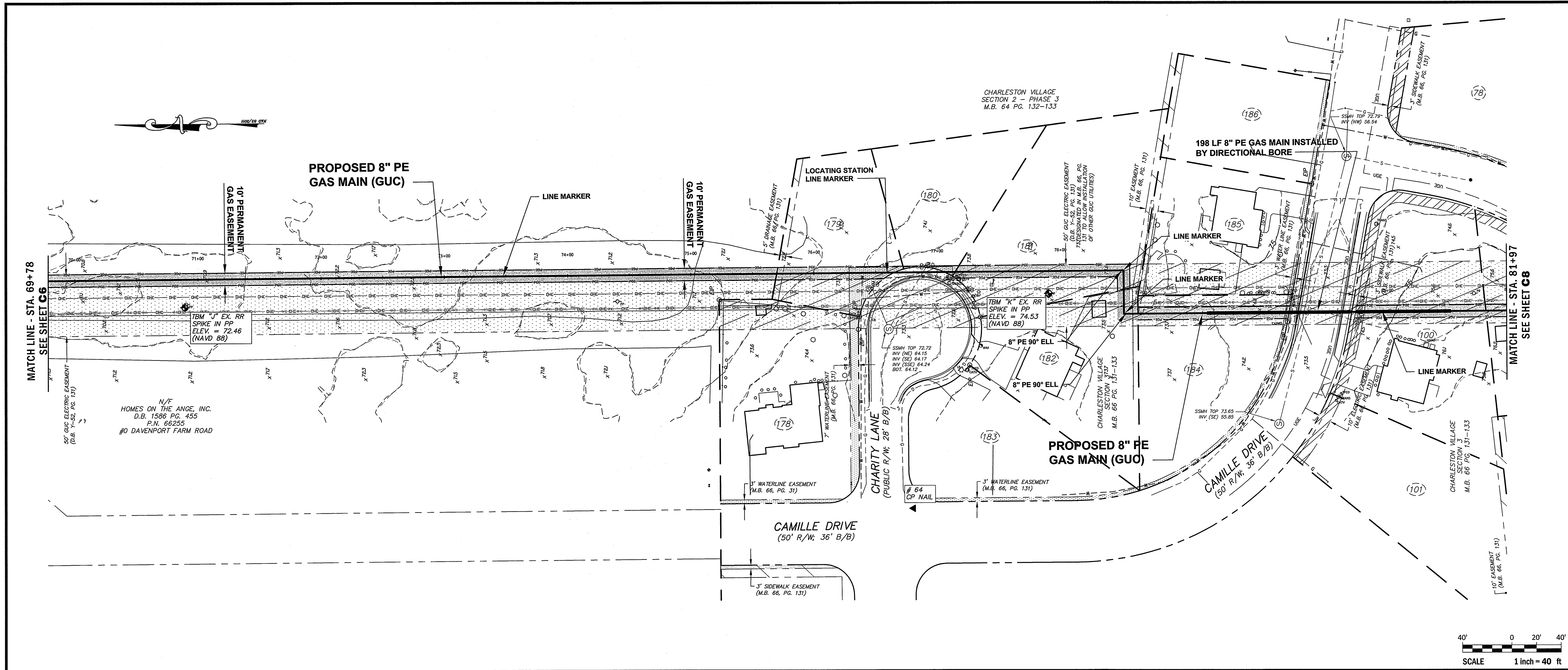


PLAN SHEET
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5/29/18
 SURVEY - JML
 DESIGN - FLS
 PROJECT No. 2017024
 DRAWING No. W-3749
 SCALE: 1"=40'
 SHEET No. OF 24



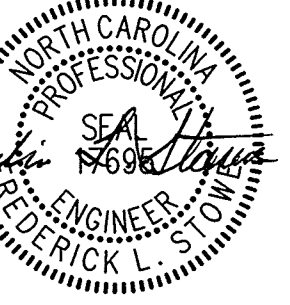
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REV.	DESCRIPTION	DATE	APP'D.

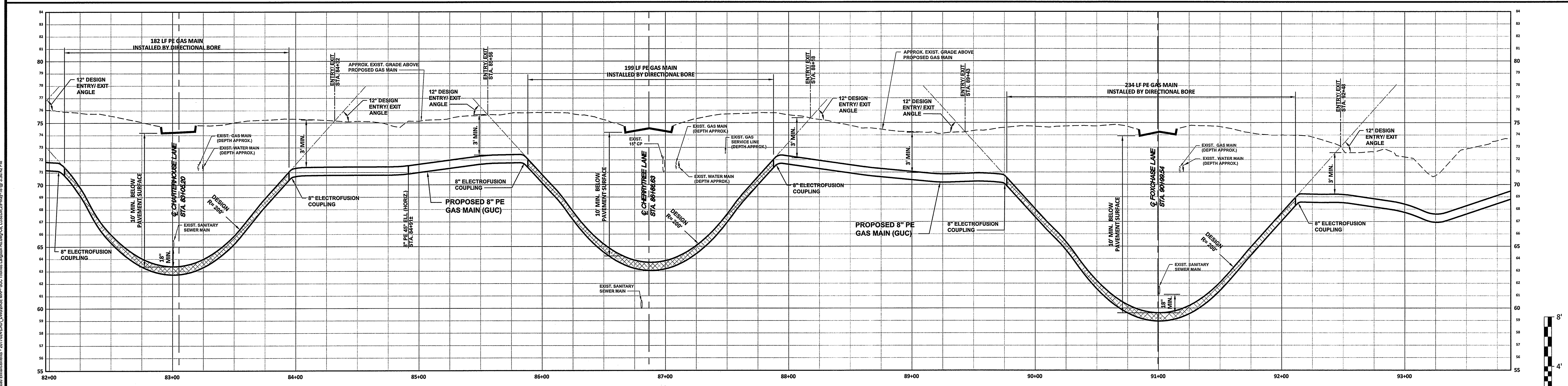
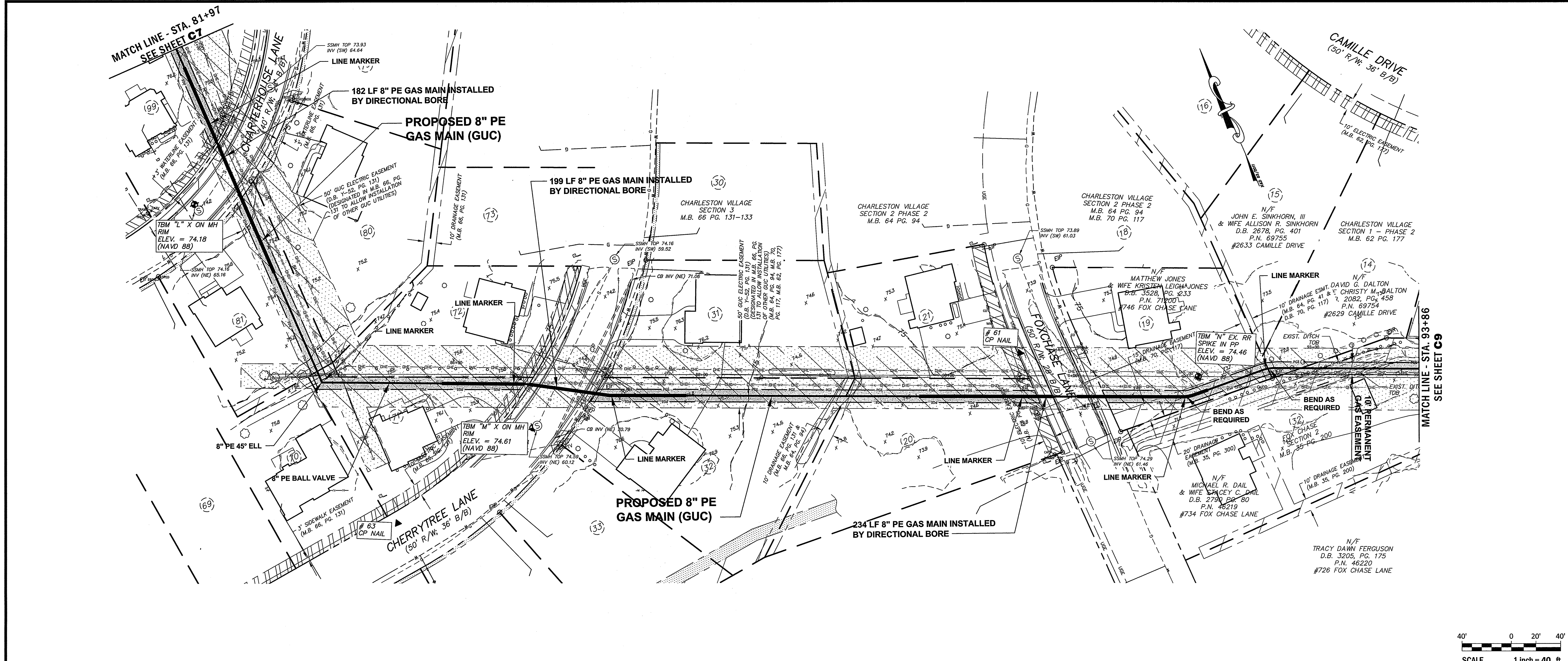


PLAN SHEET
GREENVILLE UTILITIES COMMISSION
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ROAD ENHANCEMENTS
 NORTH CAROLINA

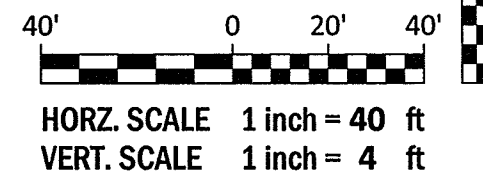
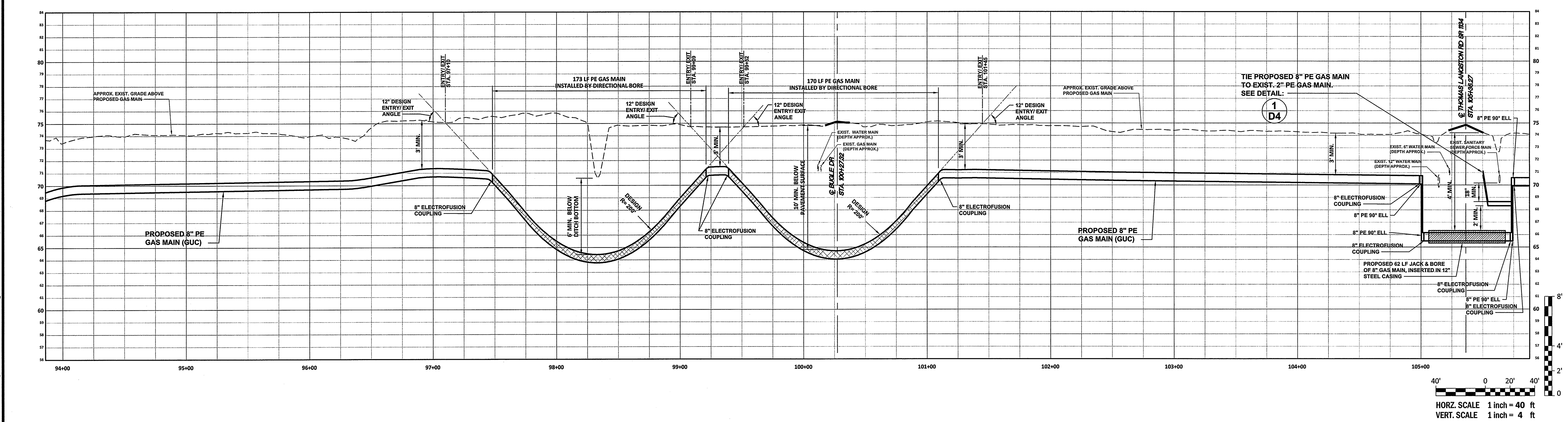
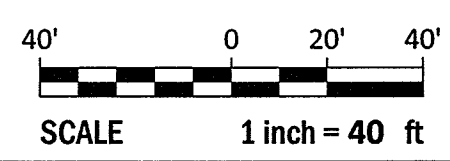
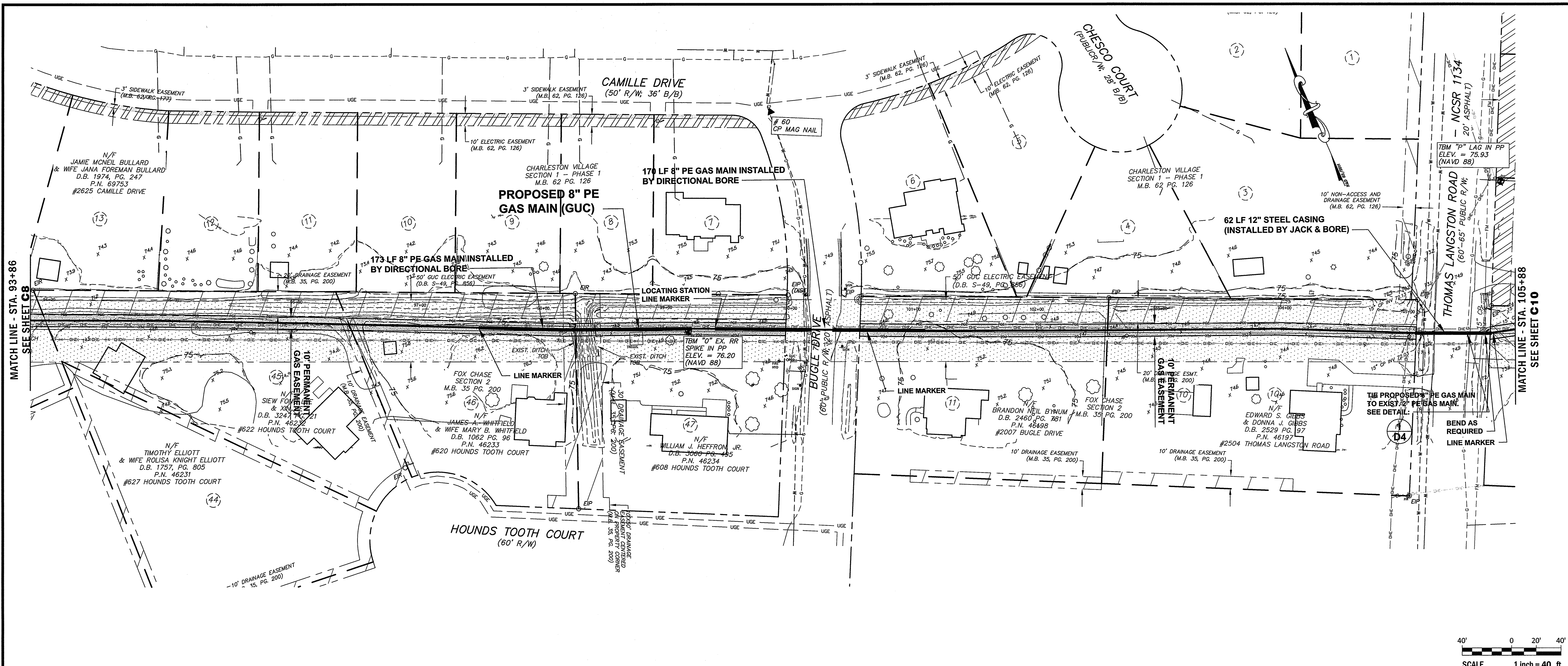
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 SURVEY - DRAFT JML
 DESIGN - FLS CHECK - FLS
 PROJECT No. 2017024
 DRAWING No. W-3749
 SCALE: 1" = 40'
 SHEET No. OF 24



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 5/29/18 10:35:42 AM



REVISIONS:

NO.	DATE	DESCRIPTION

Greenville Utilities

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SURVEY: JML
 DESIGN: FLS
 CHECK: FLS

PROJECT No. 2017024
 DRAWING No. W-3749
 SCALE: 1" = 40'
 SHEET No. OF 24

C9

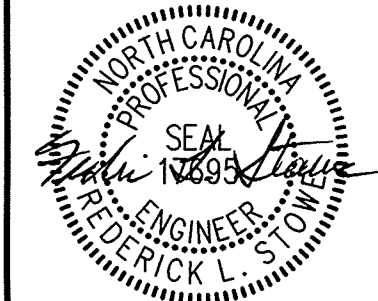
REVISIONS:

REV.	DATE	DESCRIPTION



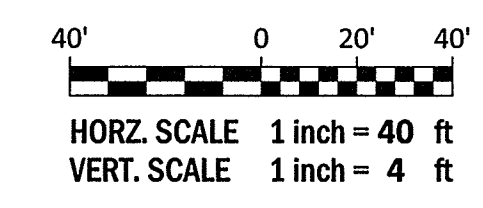
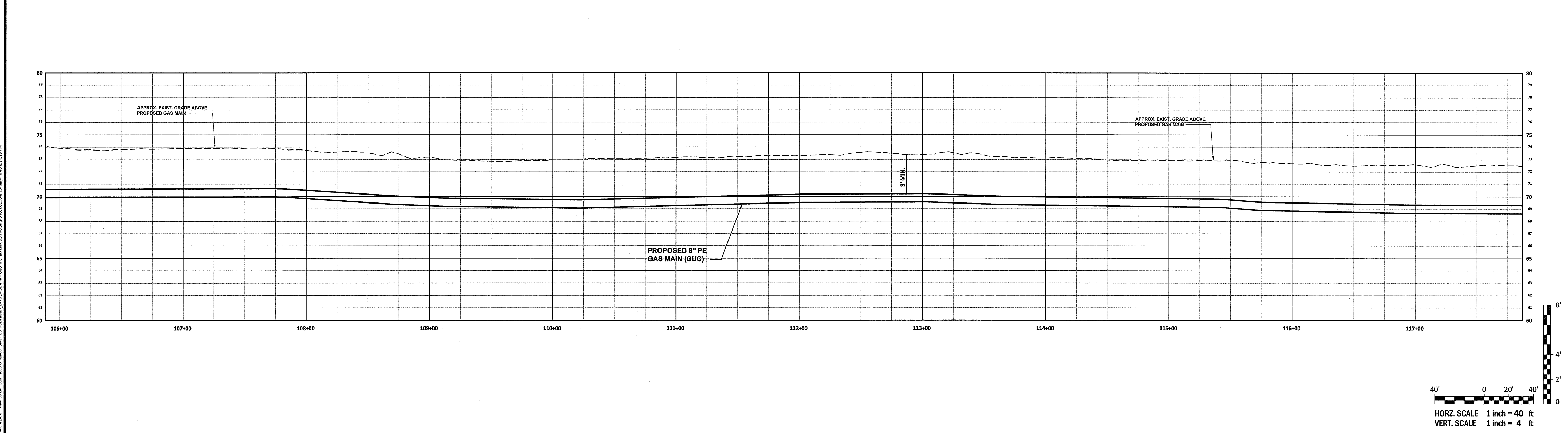
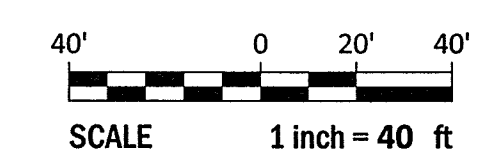
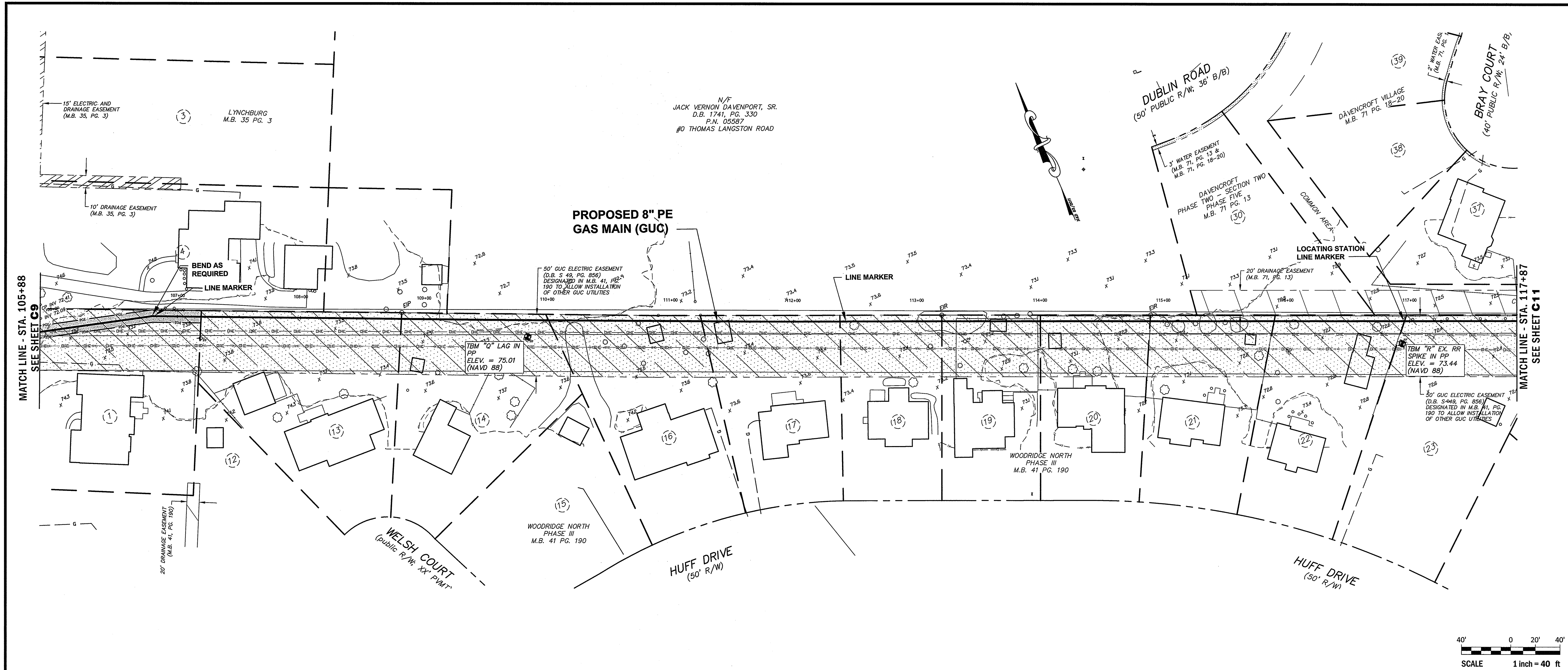
PLAN SHEET
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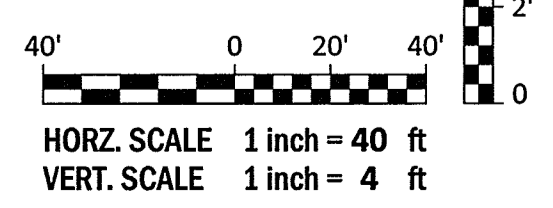
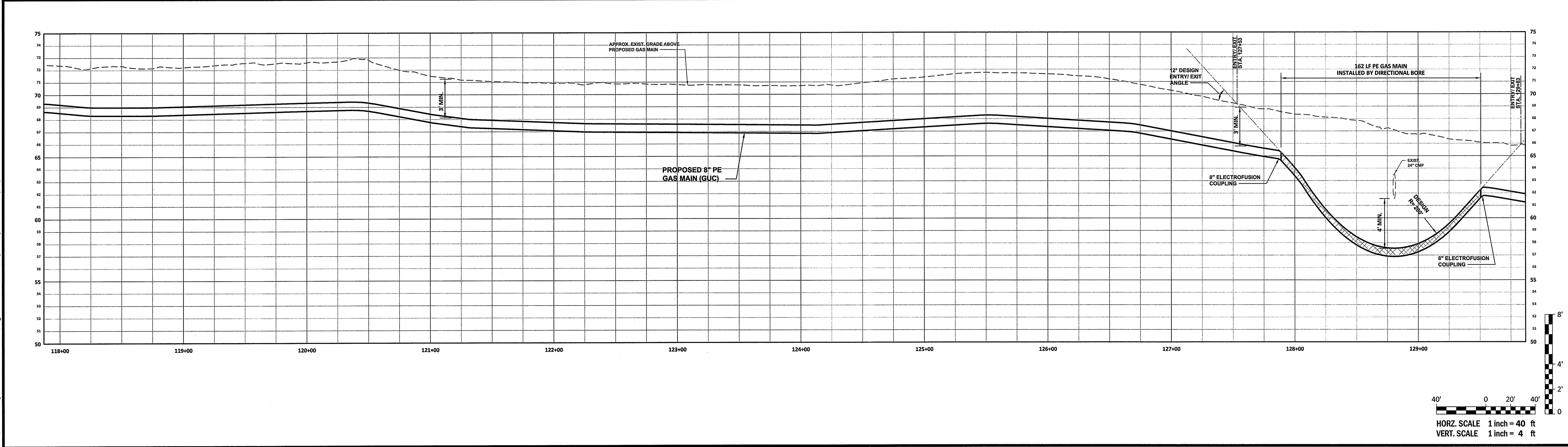
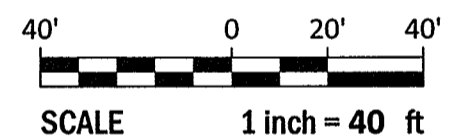
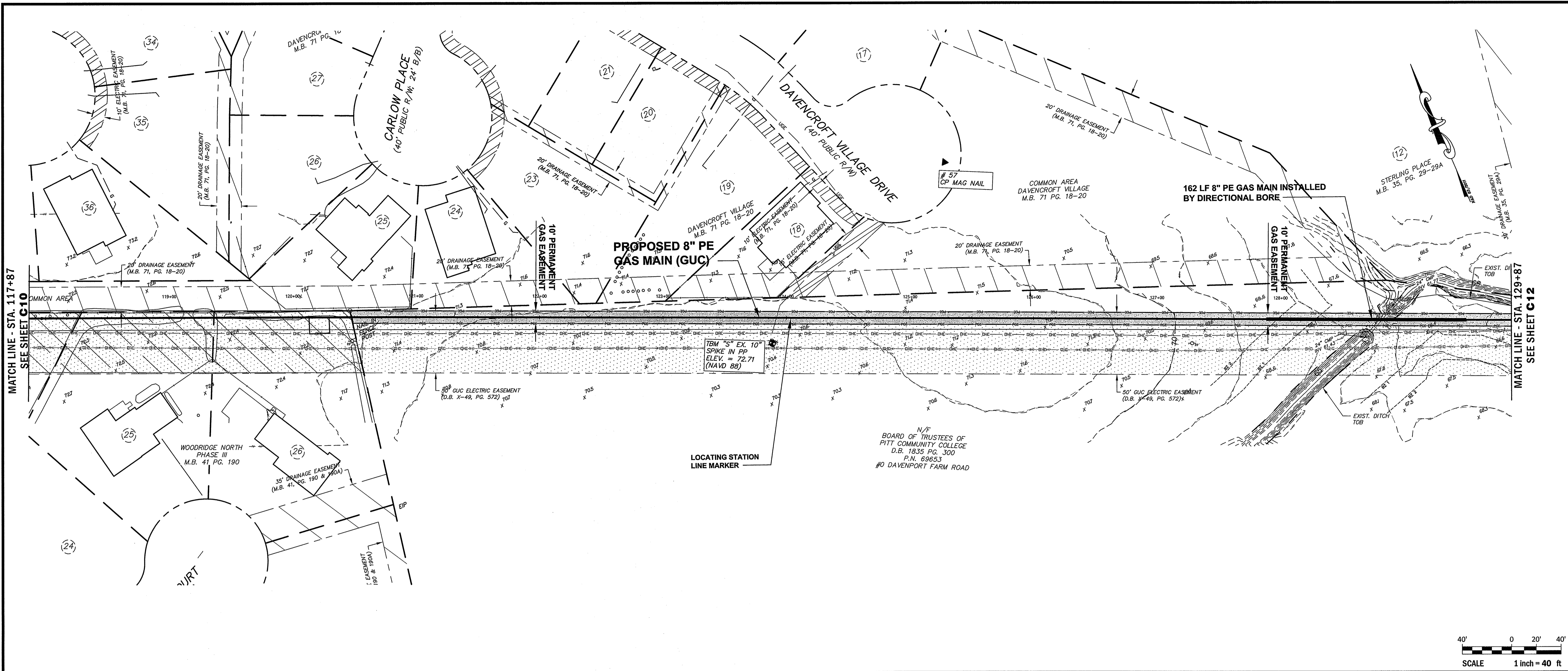


5/29/18
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 PROJECT No. 2017024
 DRAWING No. W-3749
 SCALE: 1" = 40'
 SHEET No. OF 24

C10

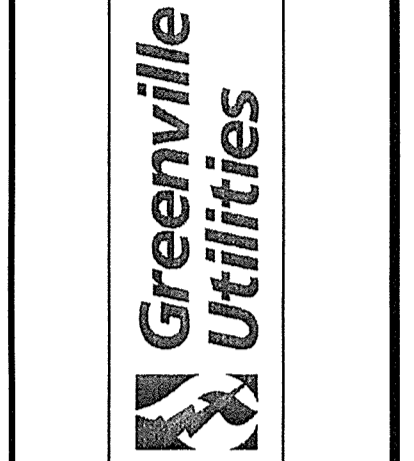


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REVISIONS:

NO.	DATE	DESCRIPTION



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5/27/18
 SURVEY: JML
 DESIGN: FLS
 PROJECT No. 2017024
 DRAWING No. W-3749
 SCALE: 1" = 40'
 SHEET No. OF 24
C11

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REVISIONS:

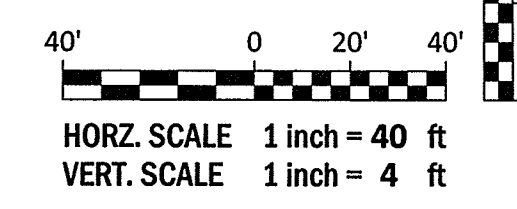
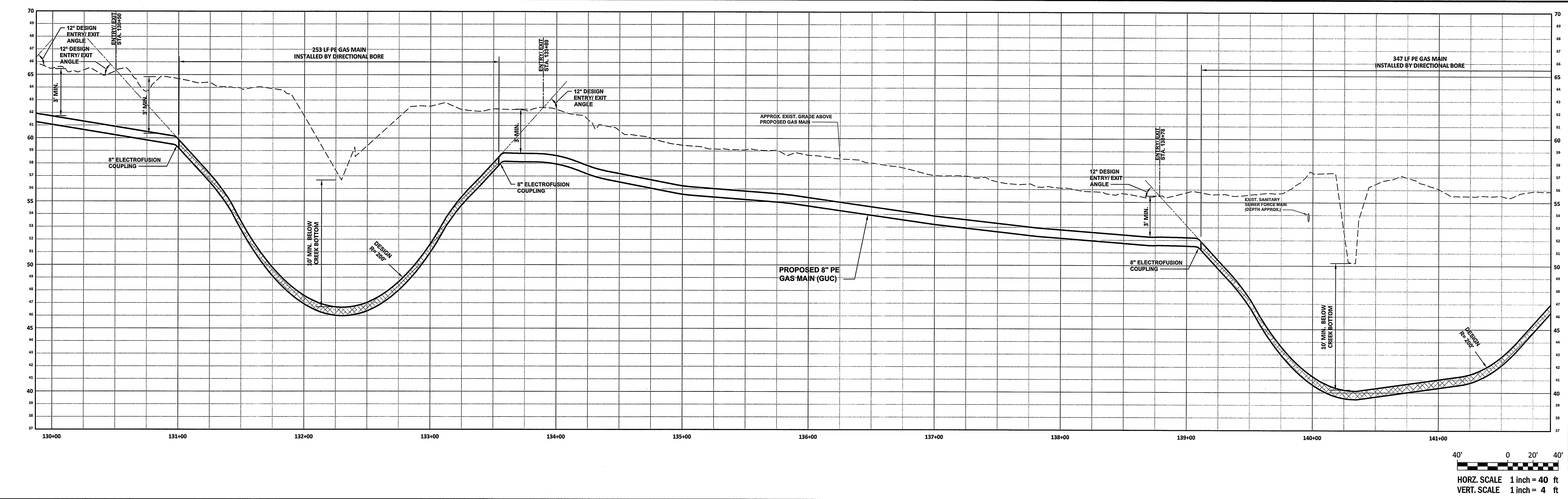
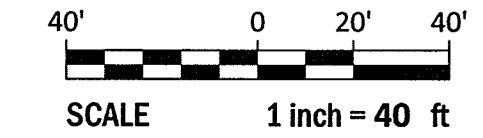
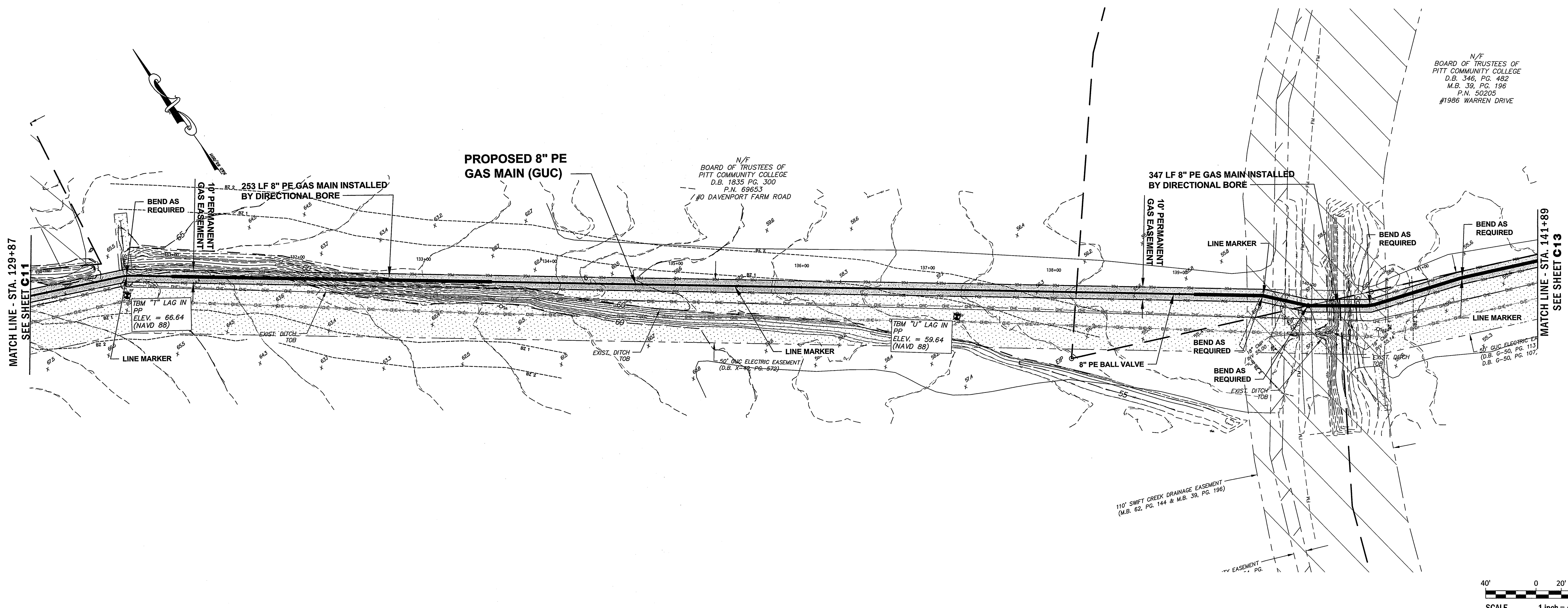
NO.	DATE	DESCRIPTION
1	1/18	ISSUED FOR PERMIT

N/F
BOARD OF TRUSTEES OF
PITT COMMUNITY COLLEGE
D.B. 346, PG. 482
M.B. 39, PG. 196
P.N. 50205
#1986 WARREN DRIVE

N/F
BOARD OF TRUSTEES OF
PITT COMMUNITY COLLEGE
D.B. 1835 PG. 300
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#10 DAVENPORT FARM ROAD

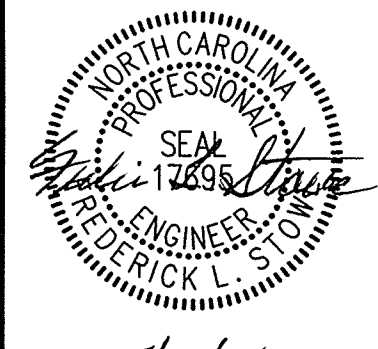
30' ONC ELECTRIC EASEMENT
(D.B. X-111 PG. 572)

110' SWIFT CREEK DRAINAGE EASEMENT
(M.B. 62, PG. 144 & M.B. 39, PG. 196)



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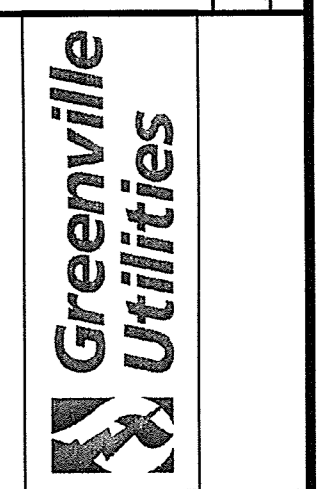


5/27/18
SURVEY - DRAFT JML
DESIGN FLS CHECK FLS
PROJECT No. 2017024
DRAWING No. W-3749
SCALE: 1" = 40'
SHEET No. OF 24
C12

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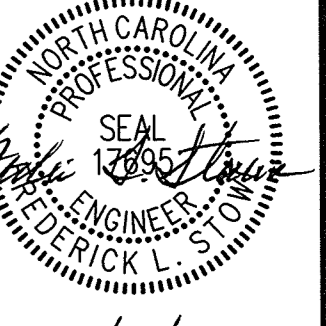
REVISIONS:

REV.	DESCRIPTION	DATE	APP.



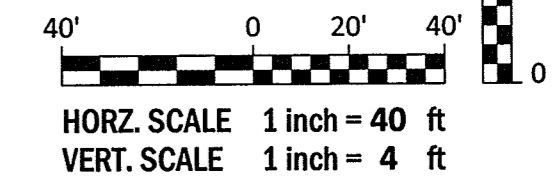
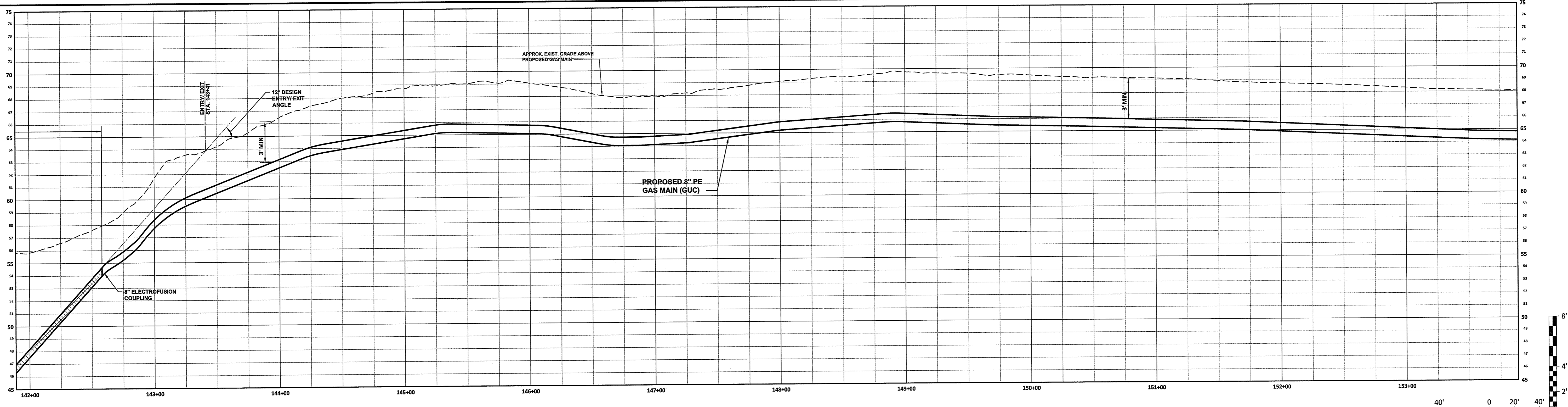
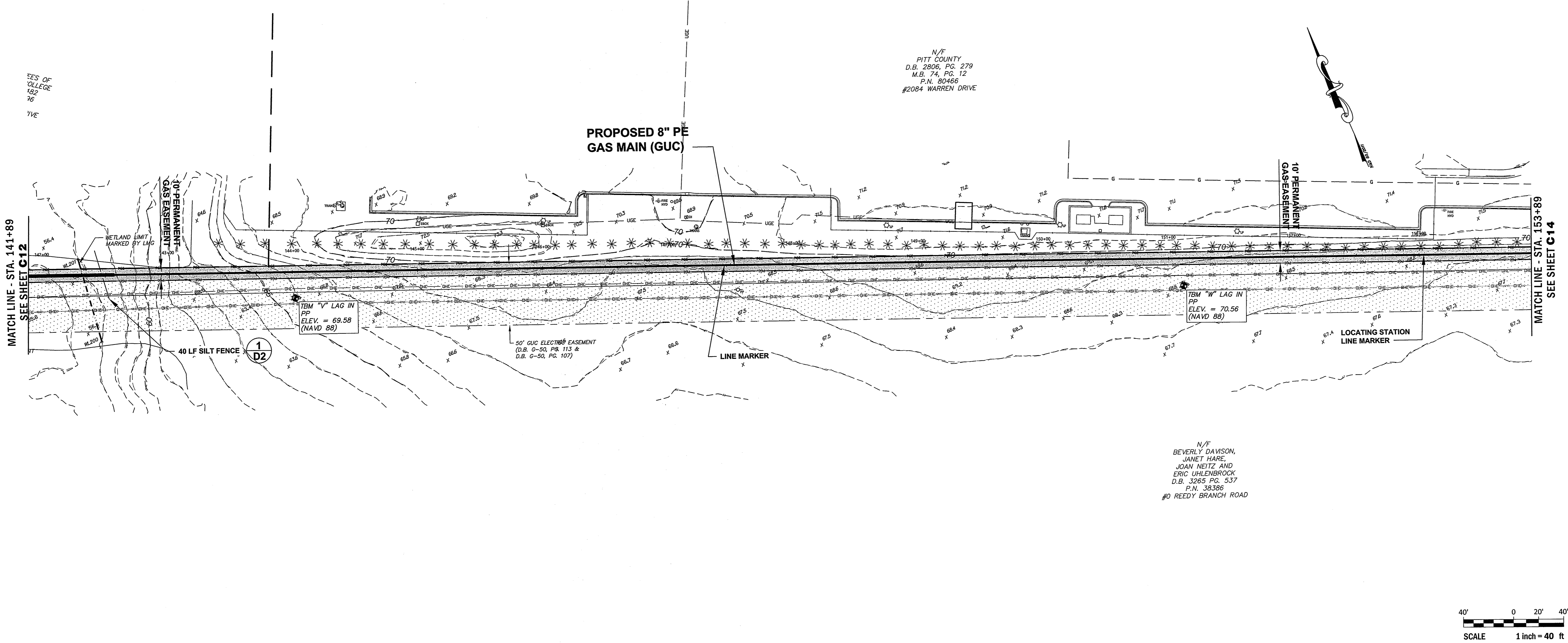
PLAN SHEET
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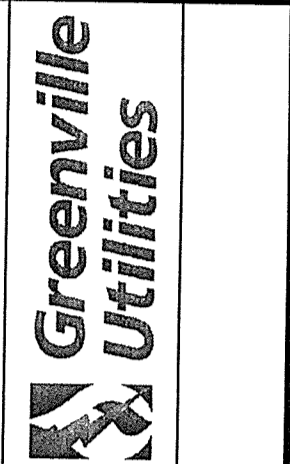
5/29/18
 SURVEY - DRAFT JML
 DESIGN - FLS CHECK FLS
 PROJECT No. **2017024**
 DRAWING No. **W-3749**
 SCALE: 1"=40'

SHEET No. **C13** OF 24



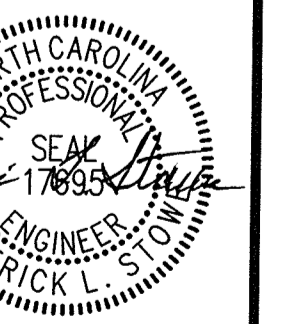
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REV.	DATE	DESCRIPTION



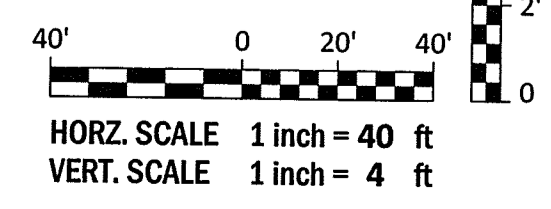
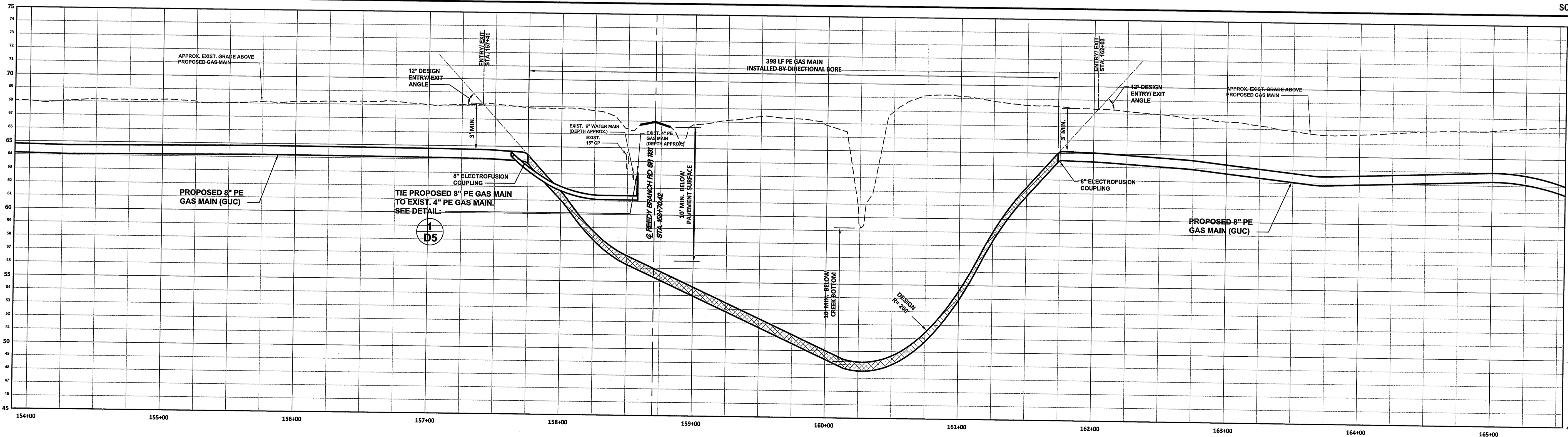
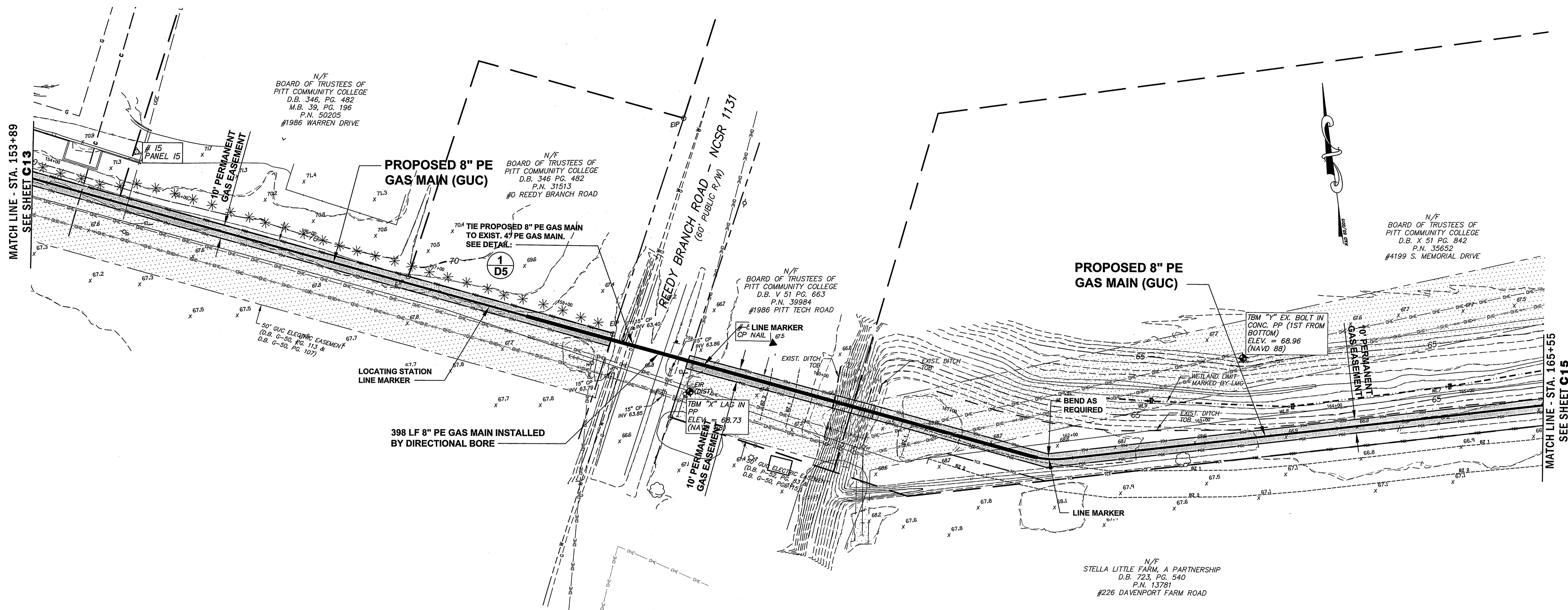
PLAN SHEET
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SURVEY	FLS	JML
DESIGN	FLS	FLS
PROJECT No.	2017024	
DRAWING No.	W-3749	
SCALE:	1" = 40'	
SHEET No.	OF 24	

C14



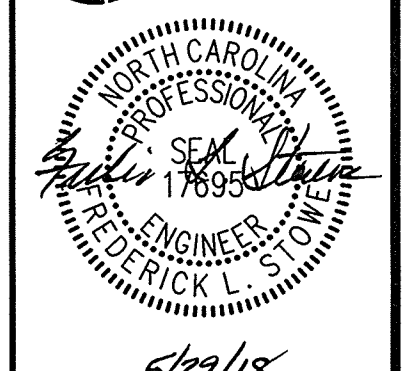
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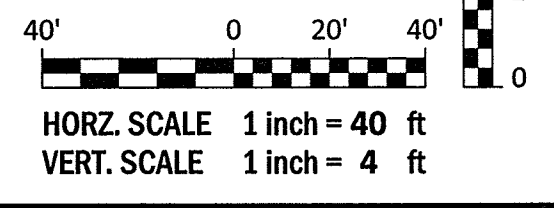
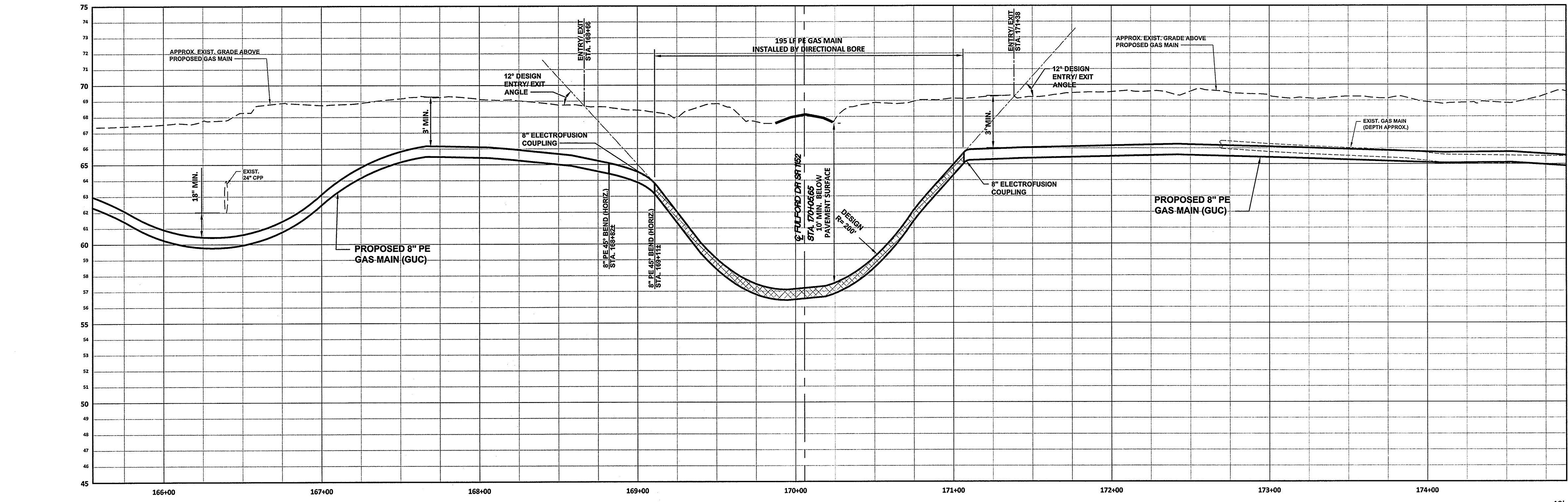
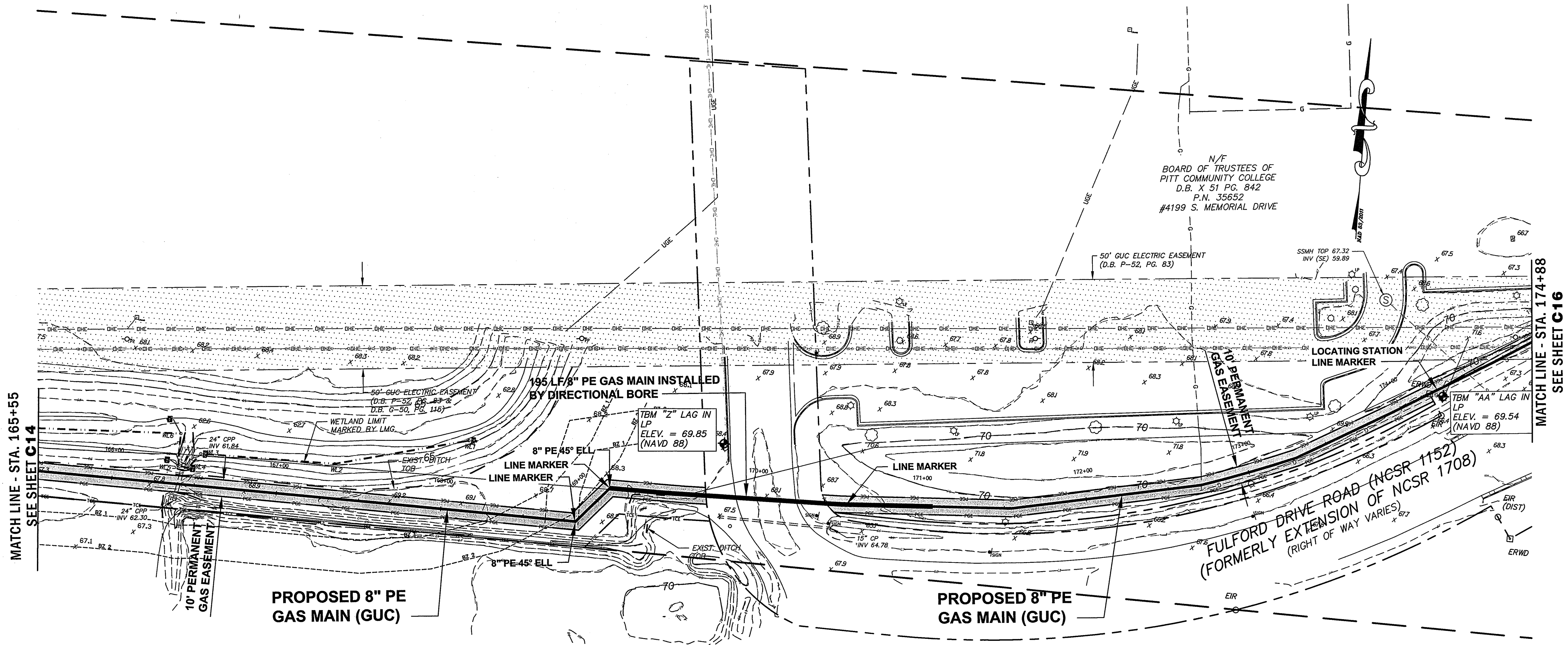


PLAN SHEET
GREENVILLE UTILITIES COMMISSION
GCP-10094 THOMAS LANGSTON
ROAD ENHANCEMENTS
 NORTH CAROLINA
 PITT COUNTY

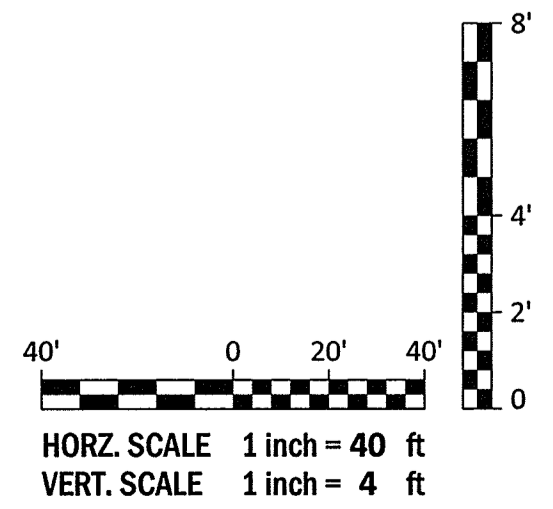
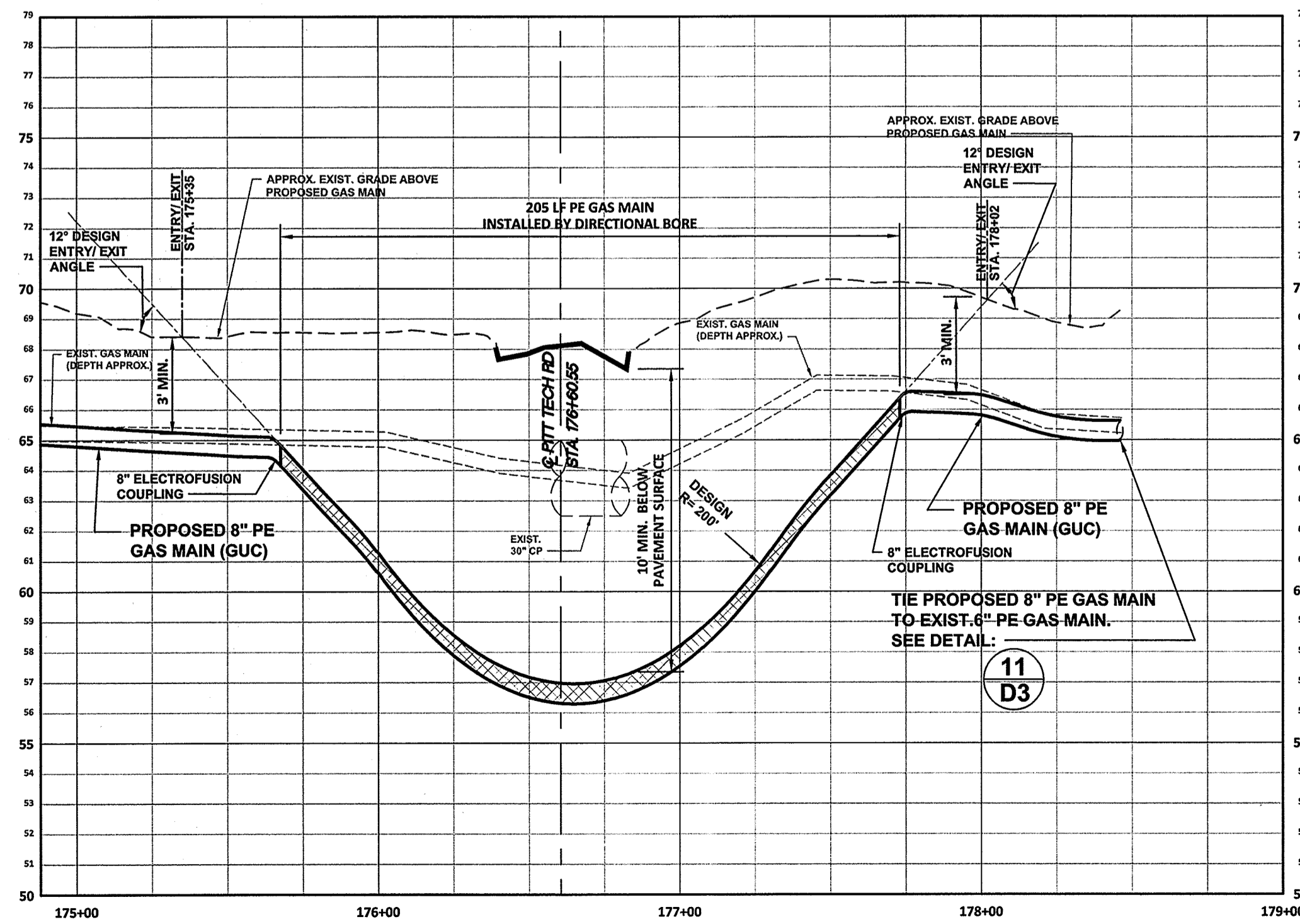
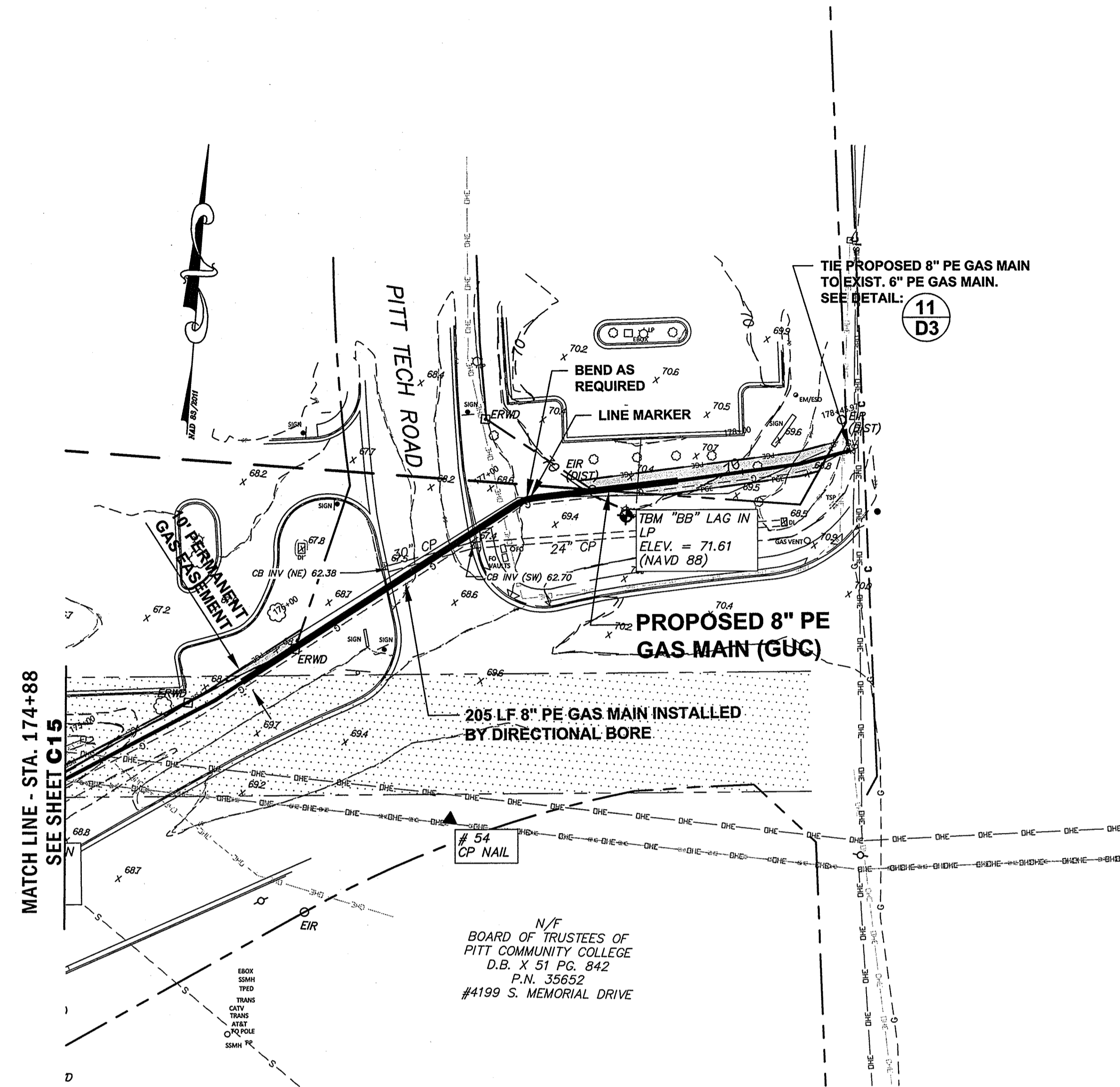
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 SURVEY - DRAFT JML
 DESIGN - FLS CHECK FLS
 PROJECT No. **2017024**
 DRAWING No. **W-3749**
 SCALE: **1" = 40'**
 SHEET No. **C15** OF **24**

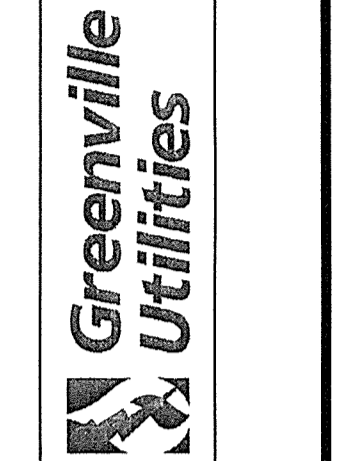


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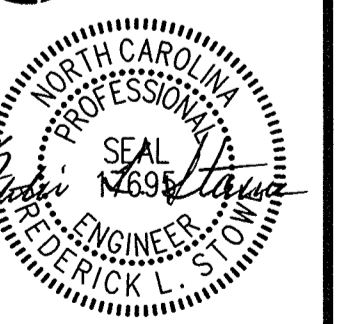
REVISIONS:

REV.	DESCRIPTION	DATE	APP.
1			



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SURVEY	DRAFT	JML
DESIGN	FLS CHECK	FLS
PROJECT No.	2017024	
DRAWING No.	W-3749	
SCALE:	1" = 40'	
SHEET No.	OF 24	

C16

P:\M\GUC - Thomas Langston Road Enhancements - 2017024\DWG\BASE MAP - GUC Thomas Langston Rd.dwg, 18 May 18 @ 3:11:58 PM

NO.	DATE	DESCRIPTION



TRAFFIC CONTROL DETAILS
GREENVILLE UTILITIES COMMISSION
GCP-10094 THOMAS LANGSTON
ROAD ENHANCEMENTS

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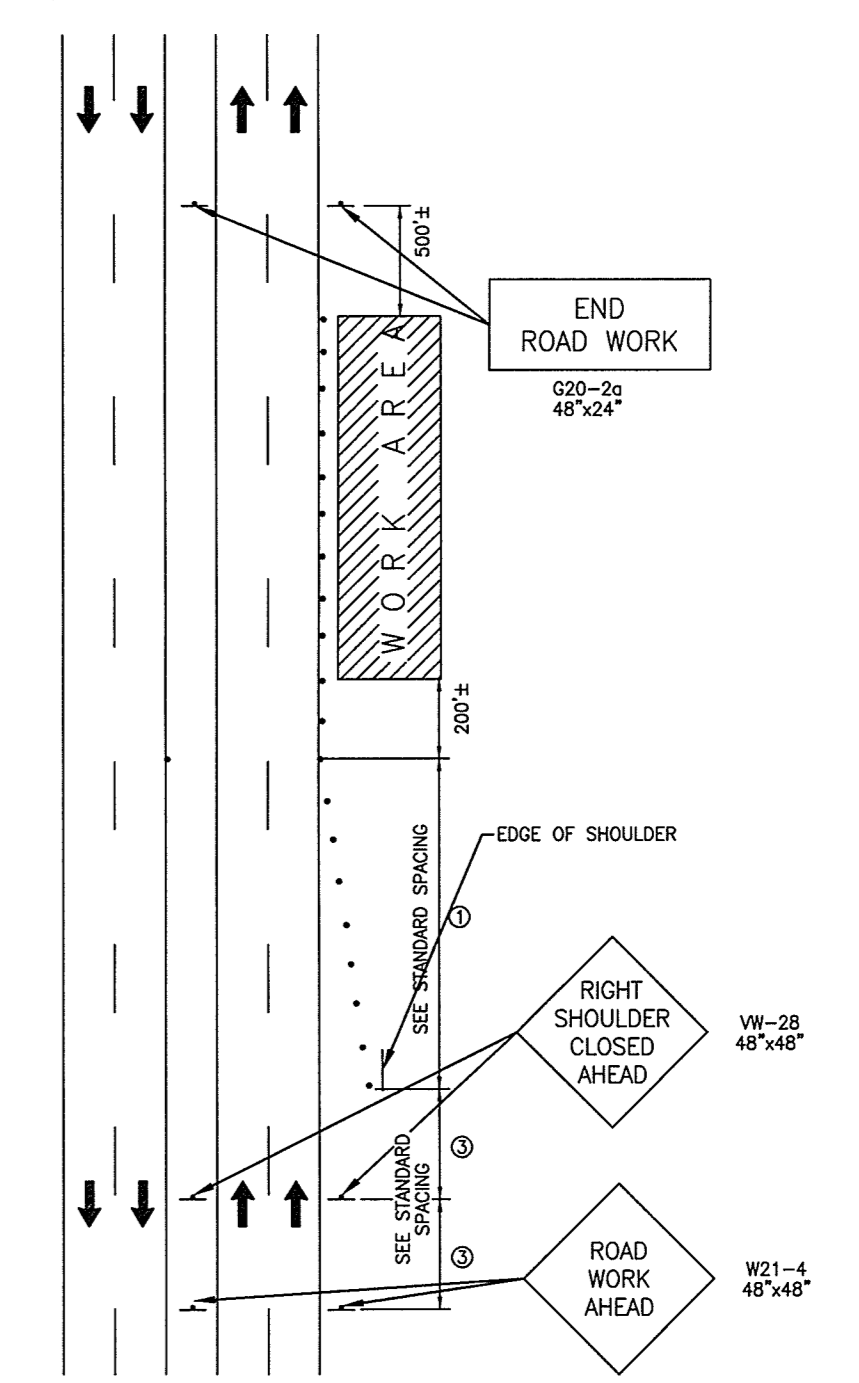
Engineers
 Surveyors
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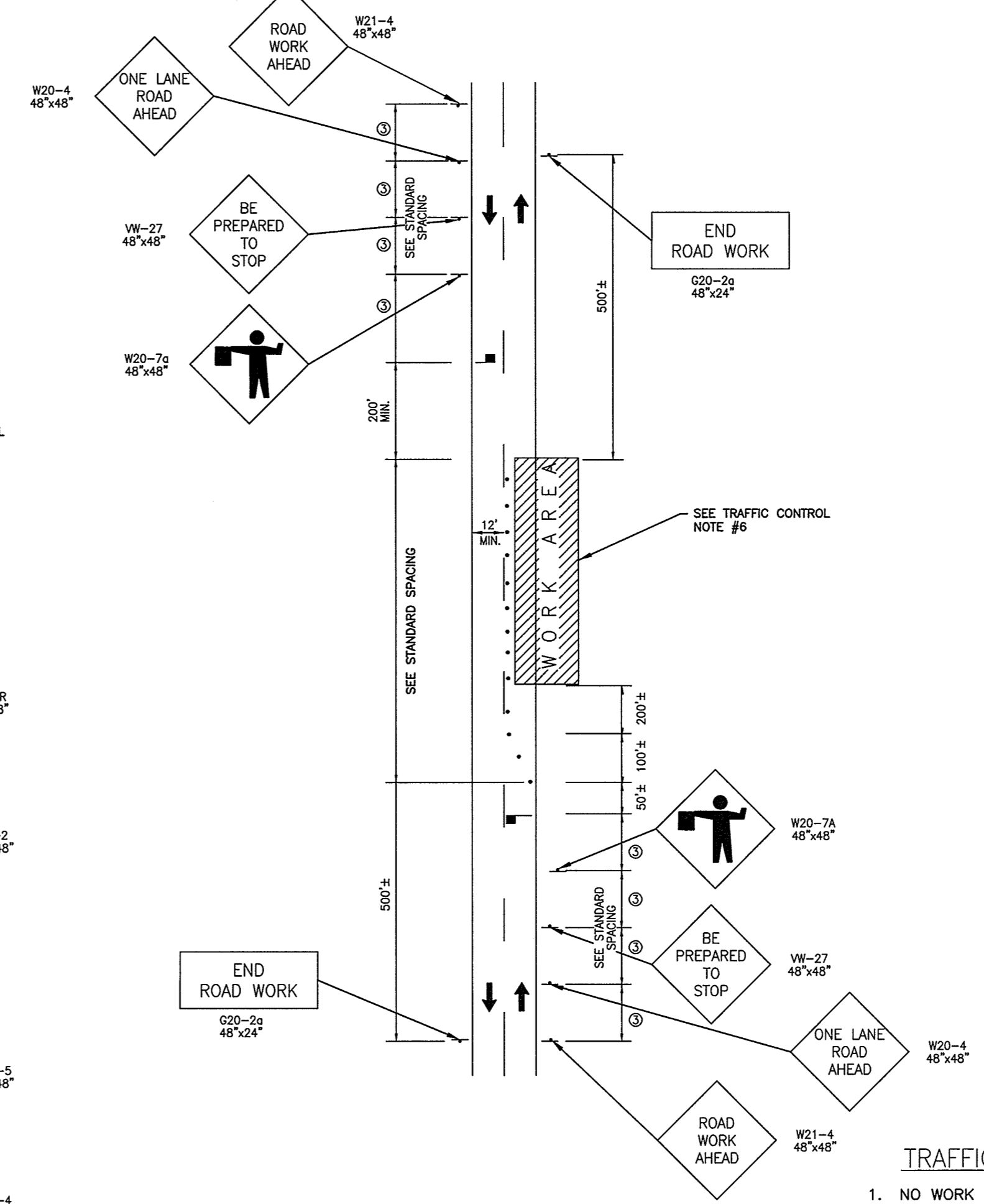
5/29/18

SURVEY	DESIGN	DRAFT	JML
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PROJECT No.	2017024		
DRAWING No.	W-3749		
SCALE:	AS SHOWN		
SHEET No.	OF 24		

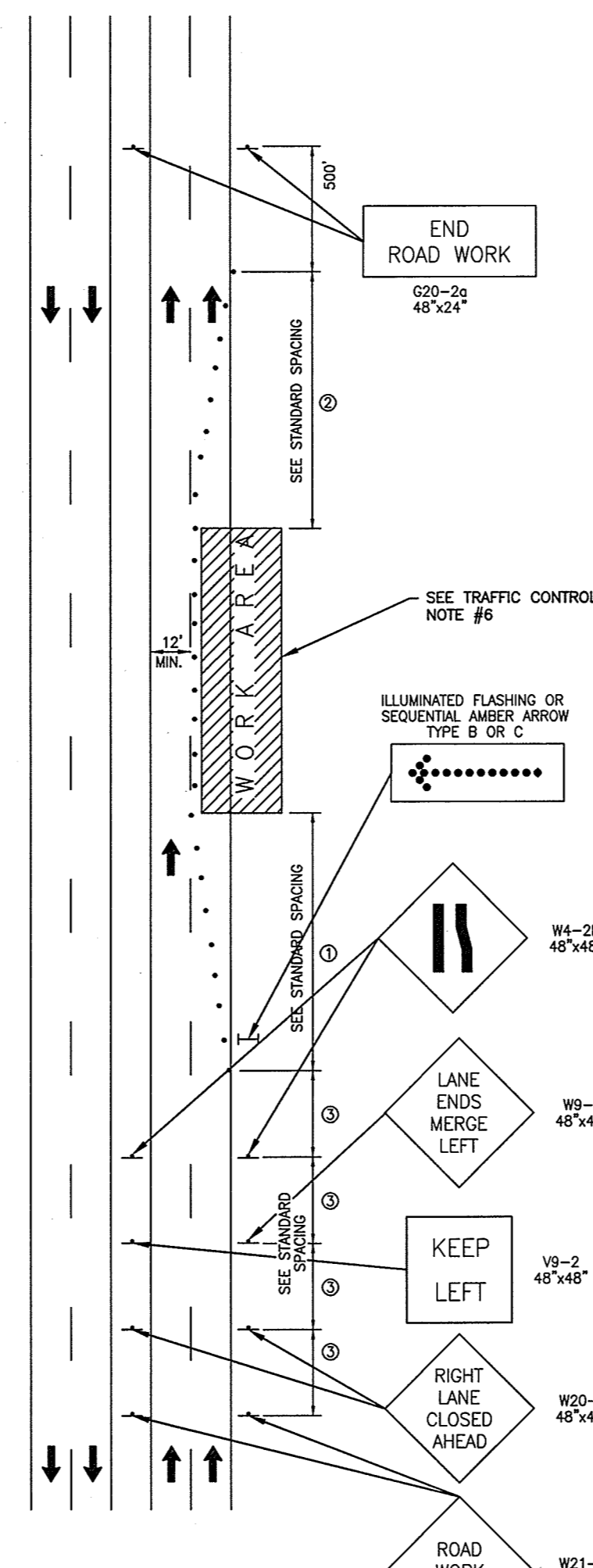
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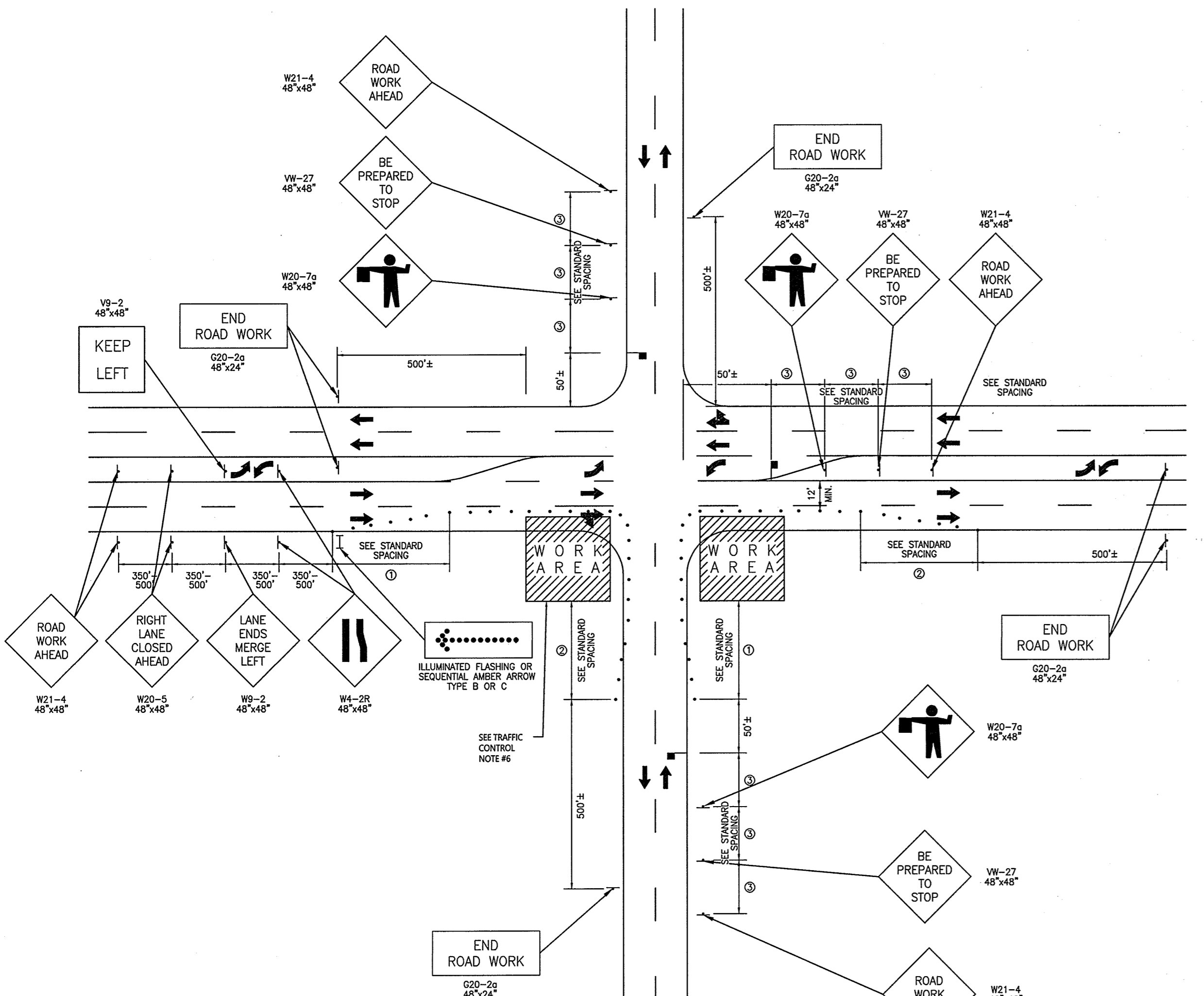
TYPICAL SHOULDER CLOSURE



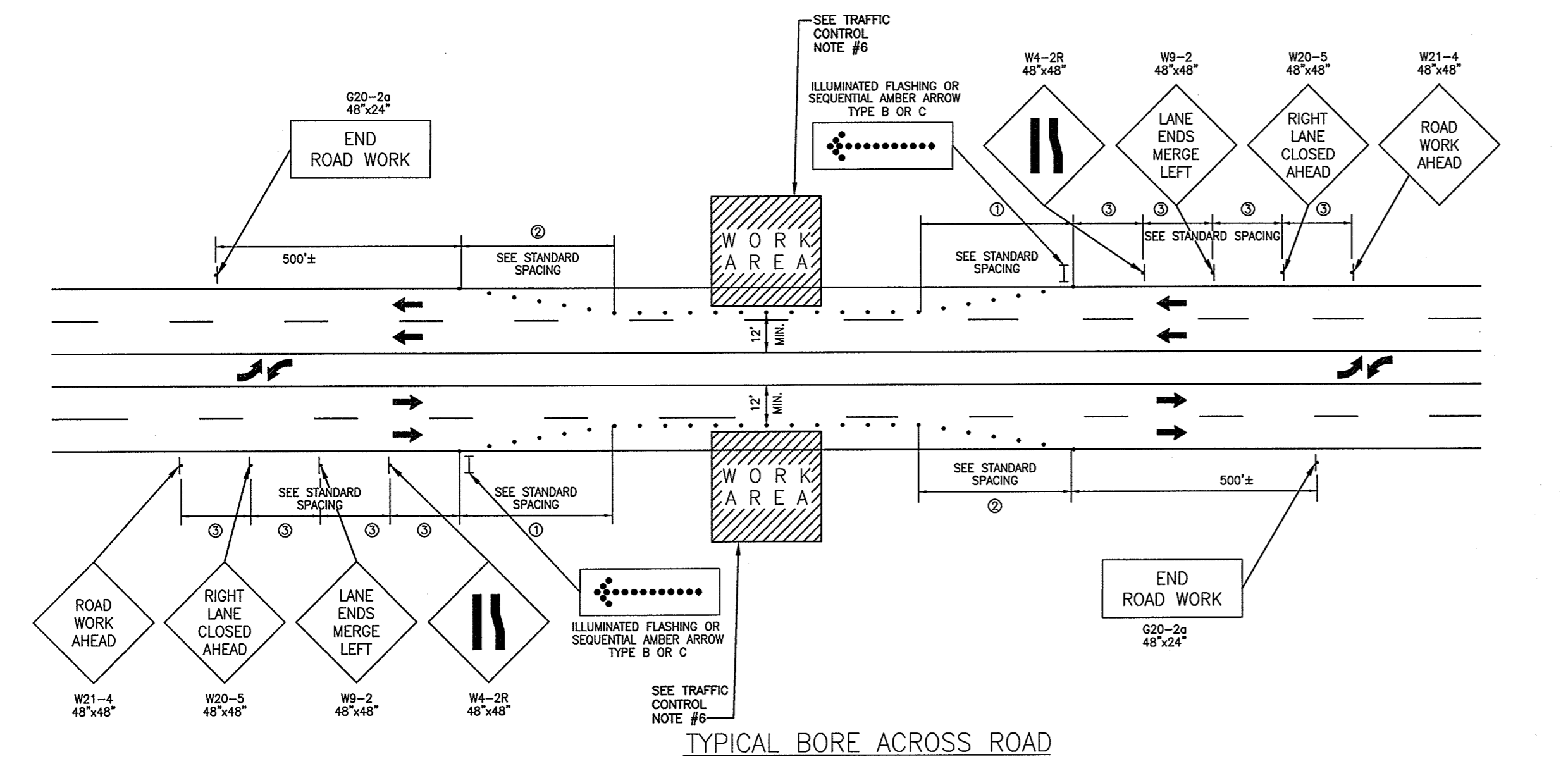
TYPICAL LANE CLOSURE
SINGLE LANE TRAFFIC



TYPICAL LANE CLOSURE
MULTI-LANE TRAFFIC



TYPICAL LANE CLOSURE THROUGH INTERSECTION



TYPICAL BORE ACROSS ROAD

TRAFFIC CONTROL NOTES

- NO WORK SHALL BE DONE WITHIN 300 FEET OF PRIMARY ROAD INTERSECTIONS BETWEEN THE HOURS OF 7:00 A.M. - 9:00 A.M. AND 4:00 P.M. - 6:00 P.M.
- UNLESS SPECIAL PERMISSION HAS BEEN GRANTED BY ANY AND ALL CONTROLLING AUTHORITIES, ALL LANES MUST BE RESTORED TO NORMAL WIDTHS AT THE CONCLUSION OF EACH CONSTRUCTION DAY.
- CHANNELIZING DEVICES MUST SEPARATE THE WORK AREA FROM THE TRAVELED WAY AND BE EXTENDED TO WHERE THEY ARE VISIBLE TO ONCOMING TRAFFIC.
- SHOULD SPECIAL PERMISSION BE GRANTED TO EXTEND WORKING HOURS SUCH THAT CONSTRUCTION IS CARRIED ON AFTER SUNSET OR BEFORE SUNRISE, THE CONTRACTOR SHALL PROVIDE:
 - FLOODLIGHTS TO MARK FLAGGER STATIONS.
 - STEADY-BURN WARNING LIGHTS ON CHANNELIZING DEVICES.
 - BLINKING LIGHTS ON WARNING SIGNS.
- ALL TRAFFIC CONTROL METHODS AND DEVICES SHALL CONFORM TO THE MOST CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS ISSUED BY THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION AND THE MOST CURRENT NORTH CAROLINA WORK AREA PROTECTION MANUAL.
- A TRUCK WITH EITHER AN ARROW BOARD OPERATING IN THE CAUTION MODE, OR AT LEAST ONE ROTATING AMBER LIGHT OR HIGH INTENSITY AMBER STROBE LIGHT SHALL BE PARKED 50'-100' IN ADVANCE OF THE FIRST WORK CREW. WHEN POSTED SPEED LIMIT IS 45 MPH OR GREATER, A TRUCK MOUNTED ATTENUATOR SHALL BE USED.
- THE CONTRACTOR IS RESPONSIBLE FOR REPLACEMENT OF ANY PAVEMENT MARKINGS DAMAGED BY CONSTRUCTION.
- ACCESS TO ALL PARCELS AFFECTED BY CONSTRUCTION SHALL BE MAINTAINED AT ALL TIMES.
- THE CONTRACTOR SHALL OBTAIN WRITTEN CONSENT FROM THE CONTROLLING AUTHORITY PRIOR TO CLOSING ONE LANE OF A TWO LANE ROADWAY.
- THIS PLAN IS PROVIDED BY GREENVILLE UTILITIES COMMISSION IN AN EFFORT TO PROVIDE THE CONTRACTOR WITH AN UNDERSTANDING OF THE MINIMUM REQUIREMENTS FOR TRAFFIC CONTROL WHICH MUST BE MET AND TO AID IN THE INCLUSION OF THOSE COSTS IN THE PREPARATION OF HIS BID. THIS PLAN AND THE USE THEREOF DOES NOT IN ANY WAY RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITIES OF PROTECTION OF THE WORK AND THE PUBLIC'S SAFETY. IT IS A SPECIFIC CONTRACT REQUIREMENT THAT THE CONTRACTOR INDEMNIFY AND HOLD HARMLESS THE OWNER AND THE ENGINEER AGAINST ALL LOSSES INCURRED IN THE EXECUTION OF THE WORK AND IN THE GUARDING OF IT. THIS REQUIREMENT INCLUDES BUT IS NOT LIMITED TO THE USE OF THIS PLAN.

LEGEND

- WORK AREA
- DIRECTION OF TRAFFIC
- TEMPORARY WARNING SIGN
- CHANNELIZING DEVICE (BARREL OR CONE)
- FLAGGER STATION
- * LT. & RT. SIGNS REQ'D. WHERE MEDIAN EXCEEDS 8 FT.

STANDARD SPACING

SPACE TYPE	35 MPH	45 MPH
BARRELS - TRAVELWAY SPACING	40'	80'
BARRELS - TRAVELWAY SPACING	20'	40'
① ENTRANCE TAPER	245'	540'
② EXIT TAPER	80'	80'
③ SIGN SPACING	350'-500'	350'-500'

P:\Plan\GUC - Thomas Langston Road Enhancements - 2017024\GUC - DWG\GCP-10094 THOMAS LANGSTON ROAD ENHANCEMENTS - 2017024.dwg, 5/29/18, 11:51 AM

CONSTRUCTION SPECIFICATIONS

- SYNTHETIC FILTER FABRIC SHALL BE A PEROUS SHEET PROPYLENE, NYLON, POLYESTER OR ETHYLENE YARN AND SHALL BE CERTIFIED BY THE MANUFACTURER OR SUPPLIER AS CONFORMING TO THE FOLLOWING REQUIREMENTS:

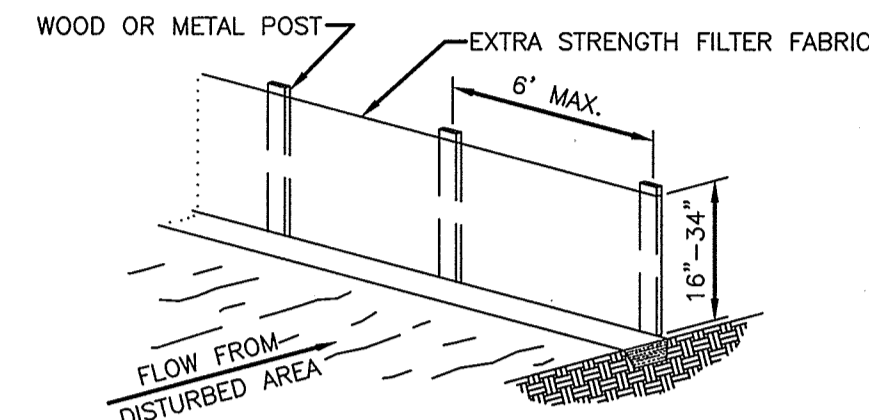
PHYSICAL PROPERTY	TEST	REQUIREMENTS
FILTERING EFFICIENCY	ASTM 5141	85% (MIN.)
TENSILE STRENGTH AT 20% (MAX.) ELONGATION	VTM-52	EXTRA STRENGTH-50 LBS./LIN.IN. (MIN.)
- SEE DEHNR TABLE 6.62b
- SYNTHETIC FILTER FABRIC SHALL CONTAIN ULTRAVIOLET RAY INHIBITORS AND STABILIZERS TO PROVIDE A MINIMUM OF 6 MONTHS OF EXPECTED USABLE CONSTRUCTION LIFE AT A TEMPERATURE RANGE OF 0F TO 120F.
- IF WOODEN STAKES ARE UTILIZED FOR SILT FENCE CONSTRUCTION, THEY MUST HAVE A DIAMETER OF 2 INCHES WHEN OAK IS USED AND 4 INCHES WHEN PINE IS USED. WOODEN STAKES MUST HAVE A MINIMUM LENGTH OF 5 FEET.
- IF STEEL POSTS (STANDARD "U" OR "T" SECTION) ARE UTILIZED FOR SILT FENCE CONSTRUCTION, THEY MUST HAVE A MINIMUM WEIGHT OF 1.33 POUNDS PER LINEAR FOOT AND SHALL HAVE A MINIMUM LENGTH OF 5 FEET AND SHALL HAVE PROJECTIONS FOR FASTENING FABRIC.
- WIRE FENCE REINFORCEMENT FOR SILT FENCES USING STANDARD-STRENGTH FILTER CLOTH SHALL BE A MINIMUM 14 GAUGE AND SHALL HAVE A MAXIMUM MESH SPACING OF 6 INCHES.

INSTALLATION

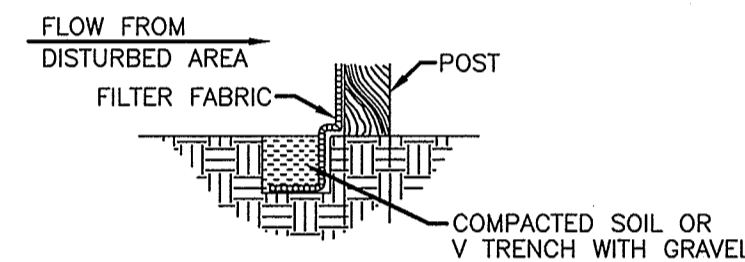
- THE HEIGHT OF A SILT FENCE SHALL BE A MINIMUM OF 16 INCHES ABOVE THE ORIGINAL GROUND SURFACE AND SHALL NOT EXCEED 34 INCHES ABOVE GROUND ELEVATION.
- THE FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE UNAVOIDABLE, FILTER CLOTH SHALL BE SPICED TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM 6-FOOT OVERLAP, AND SECURELY SEALED.
- A TRENCH SHALL BE EXCAVATED APPROXIMATELY 4 INCHES WIDE AND 8 INCHES DEEP ALONG THE LINE OF POSTS AND UPSLOPE SIDE OF THE PROPOSED LOCATION OF THE MEASURE.
- POSTS SHALL BE PLACED A MAXIMUM OF 6 FEET APART. THE FILTER FABRIC SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING ONE INCH LONG (MINIMUM) HEAVY-DUTY WIRE STAPLES OR THE WIRES AND TWELVE INCHES OF FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT BE STAPLED TO EXISTING TREES.
- THE 8 INCH BY 4 INCH TRENCH SHALL BE BACKFILLED AND THE SOIL COMPACTED OVER THE FILTER FABRIC.
- SILT FENCES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED.

MAINTENANCE

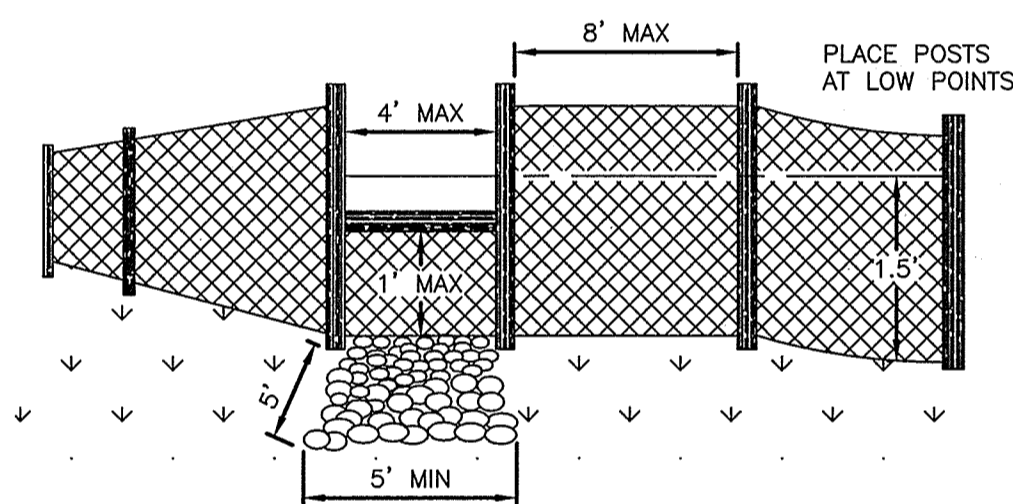
- SILT FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
- CLOSE ATTENTION SHALL BE PAID TO THE REPAIR OF DAMAGED SILT FENCE RESULTING FROM END RUNS AND UNDERCUTTING.
- SHOULD THE FABRIC ON A SILT FENCE DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER STILL BE NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.
- SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
- ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND SEEDED.



SHEET FLOW INSTALLATION (PERSPECTIVE VIEW)

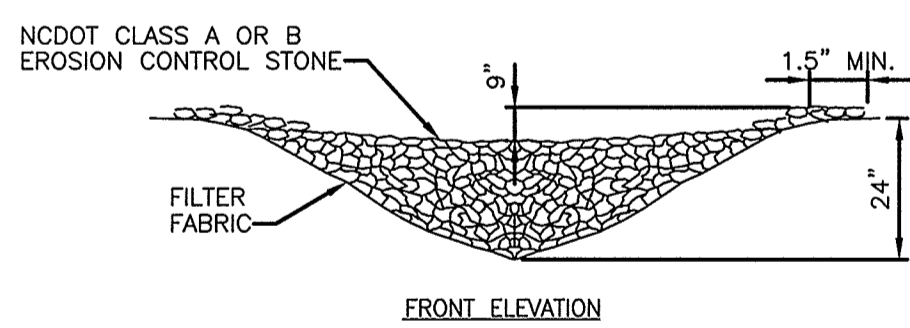


TRENCH OF A SILT FENCE

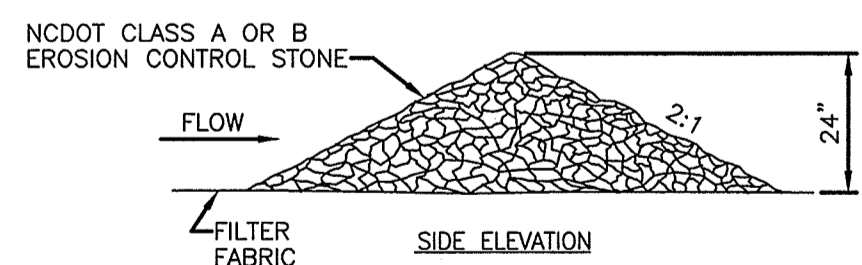


TYPICAL SILT FENCES

1 TEMPORARY SILT FENCE
D2 NOT TO SCALE

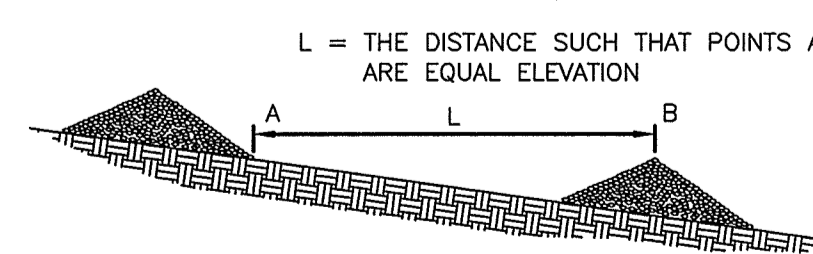


FRONT ELEVATION



SIDE ELEVATION

ROCK CHECK DAM



SPACING BETWEEN CHECK DAMS

2 TEMPORARY ROCK SILT CHECK DAM
D2 NOT TO SCALE

CONSTRUCTION SPECIFICATIONS

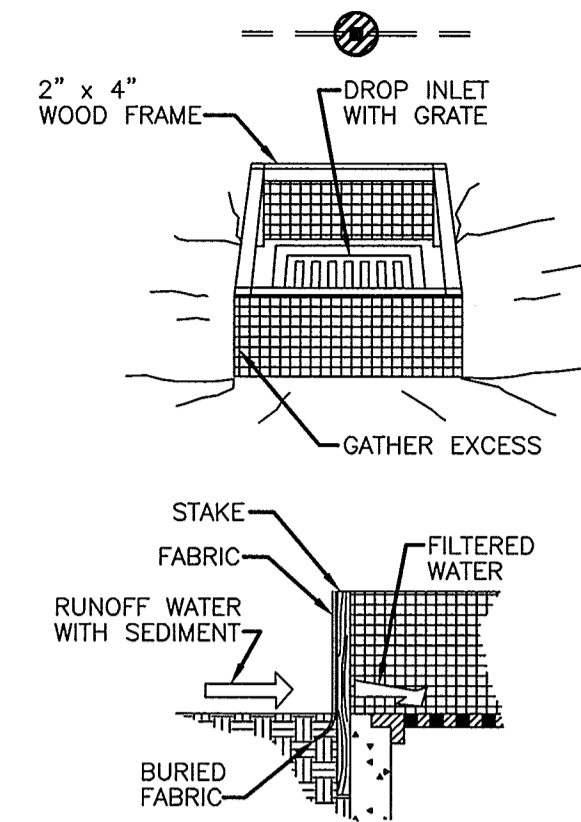
- PLACE STONE TO THE LINES AND DIMENSIONS SHOWN IN THE PLAN ON A FILTER FABRIC FOUNDATION.
- KEEP THE CENTER STONE SECTION AT LEAST 9 INCHES BELOW NATURAL GROUND LEVEL WHERE THE DAM ABUTS THE CHANNEL BANKS.
- EXTEND STONE AT LEAST 1.5 FT. BEYOND THE DITCH BANKS TO KEEP OVERFLOW WATER FROM UNDERCUTTING THE DAM AS IT RE-ENTERS THE CHANNEL.
- 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.
- PROTECT THE CHANNEL DOWNSTREAM FROM THE LOWEST CHECK DAM, CONSIDERING THAT WATER WILL FLOW OVER AND AROUND THE DAM.
- MAKE SURE THAT THE CHANNEL REACH ABOVE THE MOST UPSTREAM DAM IS STABLE.
- ENSURE THAT CHANNEL APPURTENANCES, SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS, ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONES.

MAINTENANCE

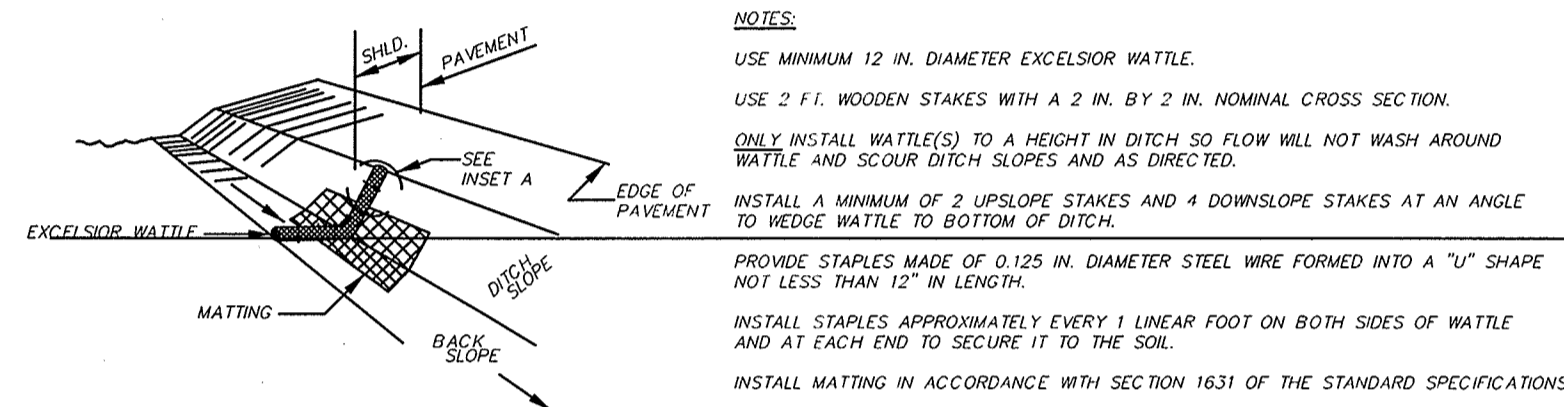
- INSPECT CHECK DAMS AND CHANNELS FOR DAMAGE AFTER EACH RUNOFF EVENT.
- ANTICIPATE SUBMERGENCE AND DEPOSITION ABOVE THE CHECK DAM AND EROSION FROM HIGH FLOWS AROUND THE EDGES OF THE DAM. CORRECT ALL DAMAGE IMMEDIATELY. IF SIGNIFICANT EROSION OCCURS BETWEEN DAMS, INSTALL A PROTECTIVE RIPRAP LINER IN THAT PORTION OF THE CHANNEL.
- 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.

CONSTRUCTION SPECIFICATIONS

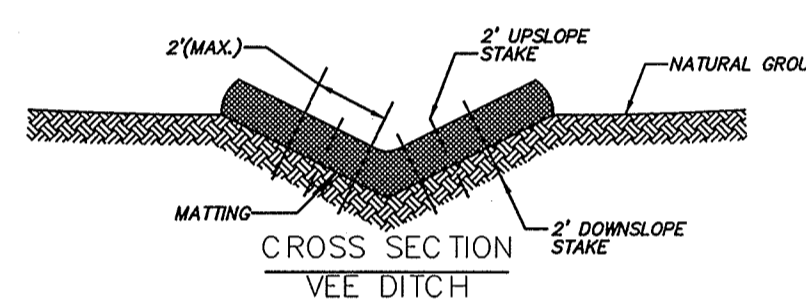
- SILT FENCE DROP INLET PROTECTION
 - SILT FENCE SHALL CONFORM TO THE CONSTRUCTION SPECIFICATIONS FOR "EXTRA STRENGTH" DEHNR 6.51 AND SHALL BE CUT FROM A CONTINUOUS ROLL TO AVOID JOINTS.
 - STAKES SHALL BE 2 x 4-INCH WOOD (PREFERRED) OR EQUIVALENT METAL WITH A MINIMUM LENGTH OF 3 FEET.
 - SPACE STAKES EVENLY AROUND THE PERIMETER OF THE INLET A MAXIMUM OF 3- FEET APART, AND SECURELY DRIVE THEM INTO THE GROUND, APPROXIMATELY 18-INCHES DEEP.
 - TO PROVIDE NEEDED STABILITY TO THE INSTALLATION, FRAME WITH 2 x 4-INCH WOOD STRIPS AROUND THE CREST OF THE OVERFLOW AREA AT A MAXIMUM OF 1 1/2 FEET ABOVE THE DROP INLET CREST.
 - PLACE THE BOTTOM 12 INCHES OF THE FABRIC IN A TRENCH AND BACKFILL THE TRENCH WITH 12 INCHES OF COMPACTED SOIL.
 - FASTEN FABRIC SECURELY BY STAPLES OR WIRE TO THE STAKES AND FRAME. JOINTS MUST BE OVERLAPPED TO THE NEXT STAKE.
 - IT MAY BE NECESSARY TO BUILD A TEMPORARY DIKE ON THE DOWNSLOPE SIDE OF THE STRUCTURE TO PREVENT BYPASS FLOW.



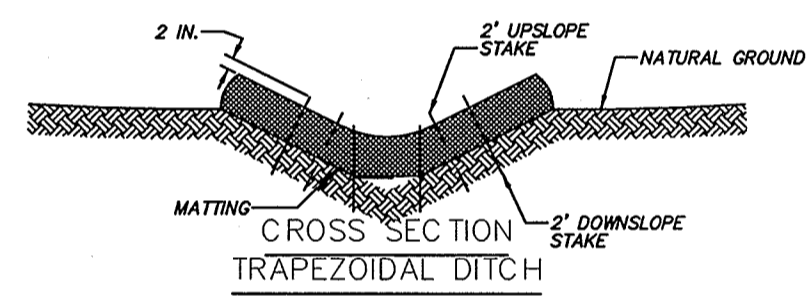
3 STORM DRAIN INLET PROTECTION
D2 NOT TO SCALE



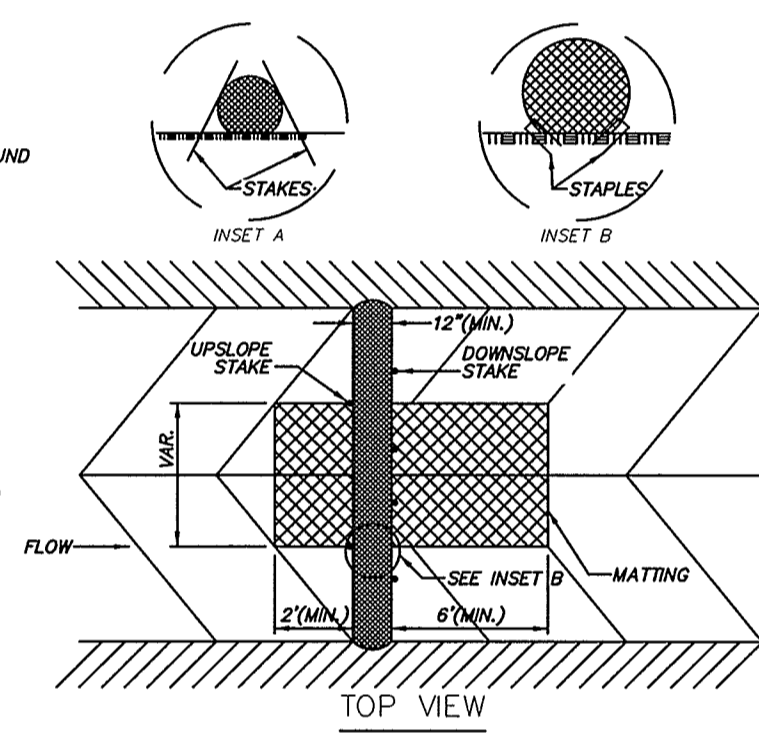
ISOMETRIC VIEW



CROSS SECTION VEE DITCH

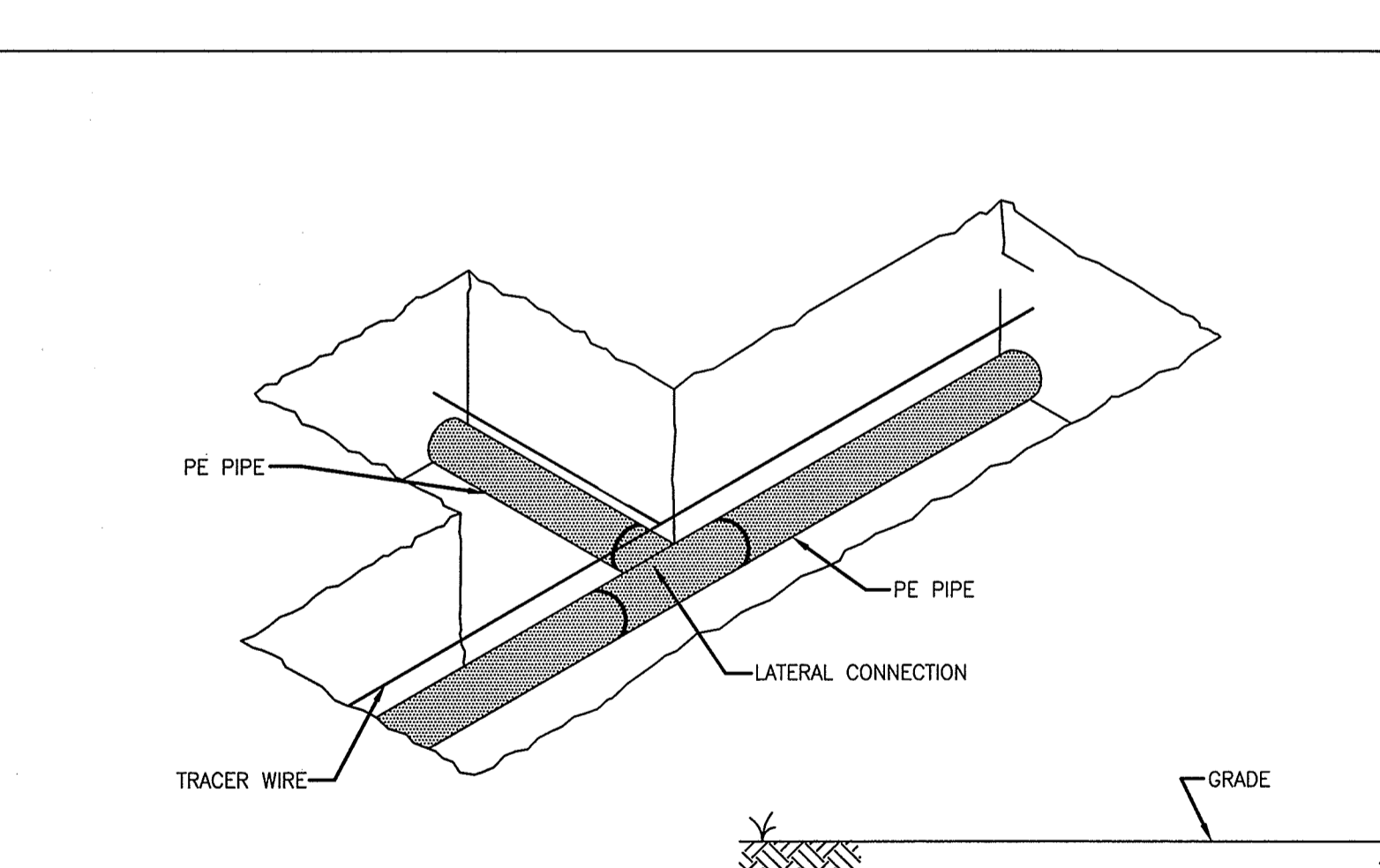


CROSS SECTION TRAPEZOIDAL DITCH



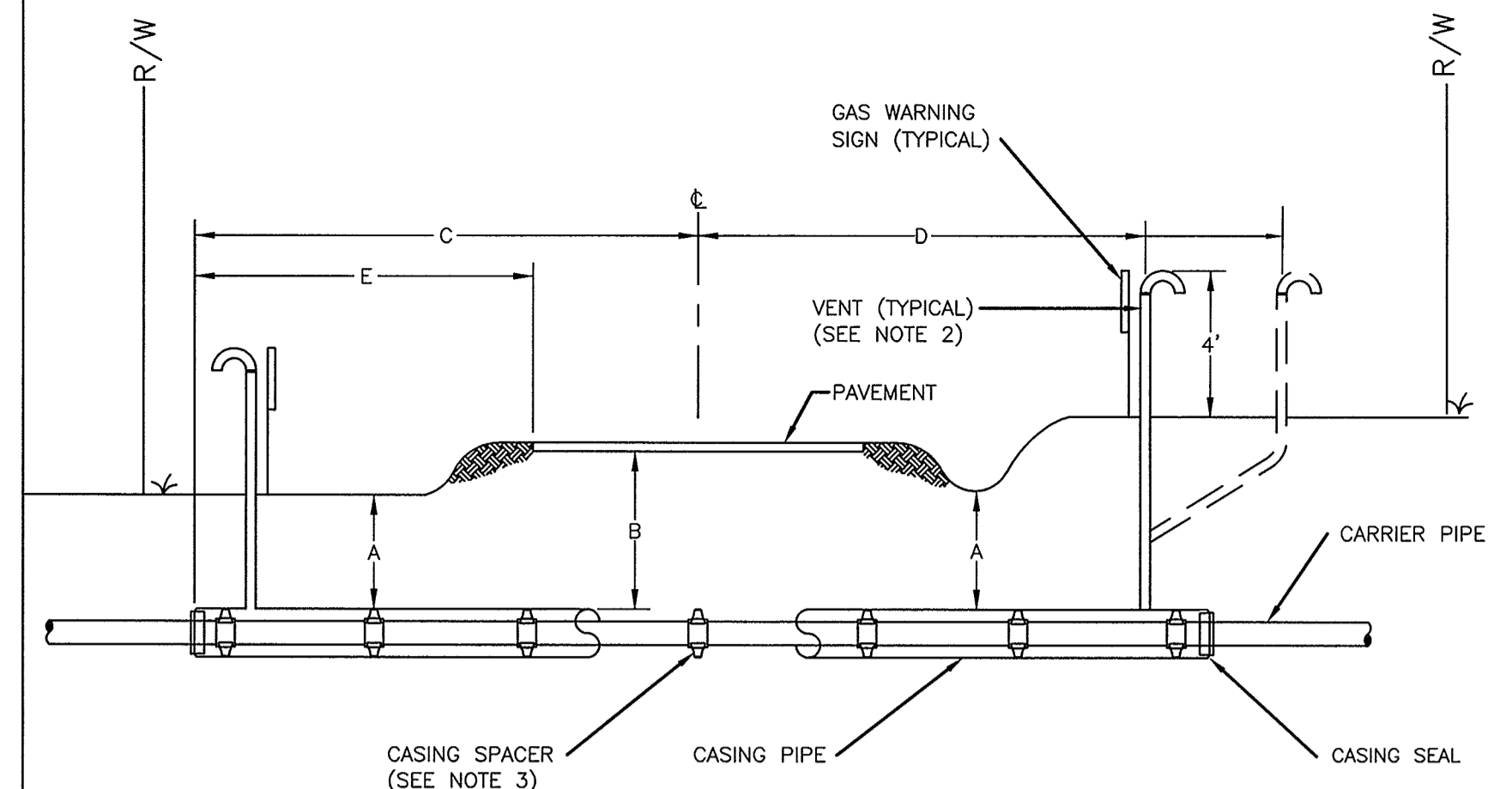
TOP VIEW

4 EXCELSIOR WATTLE DETAIL
D2 NOT TO SCALE



- NOTES:**
- TRACER WIRE COATING FOR GAS MAINS SHALL BE YELLOW.

5 TYPICAL LOCATING DEVICE INSTALLATION FOR SINGLE TRENCH INSTALLATION
D2 NOT TO SCALE



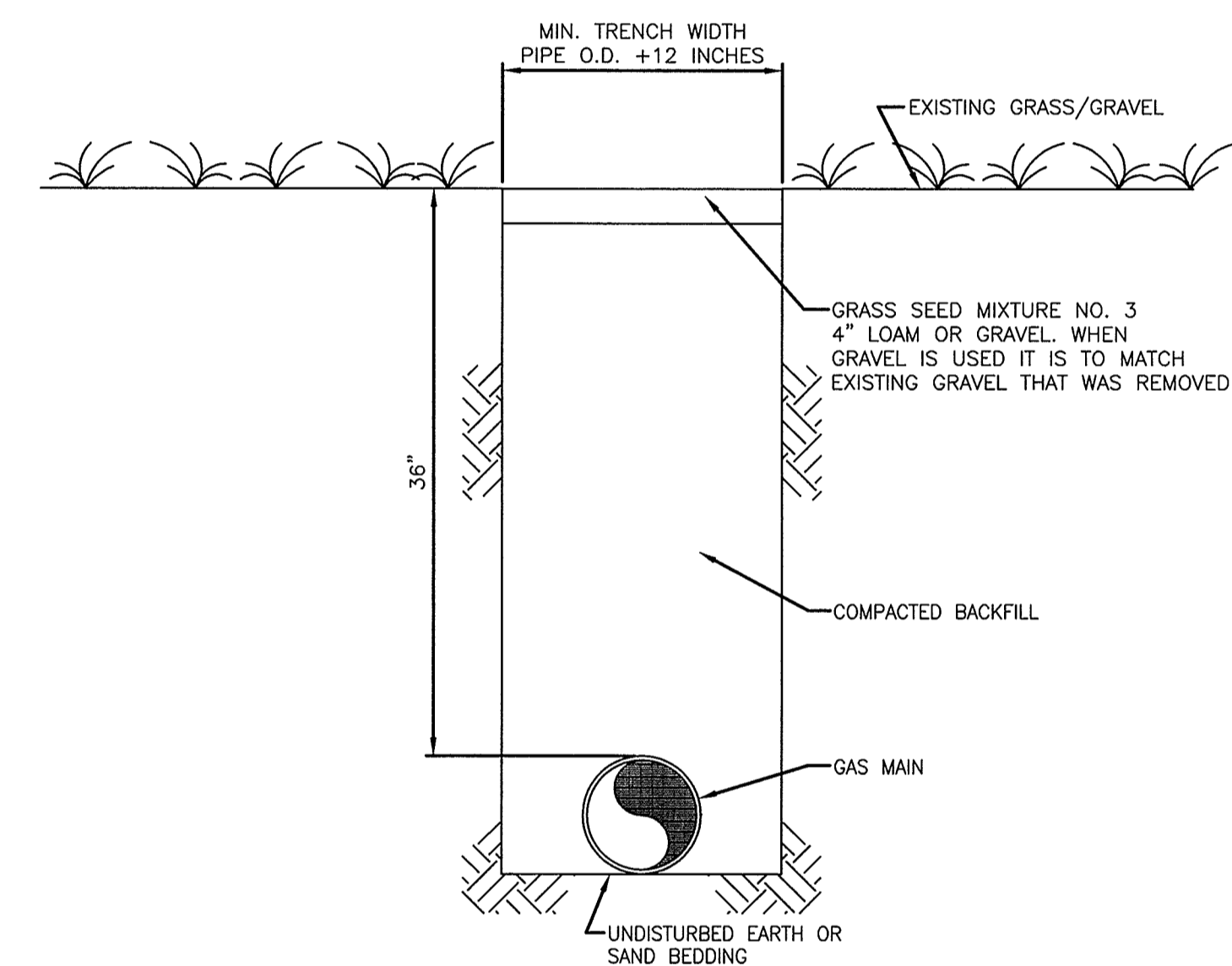
GENERAL NOTES:

- CASING FOR EACH CROSSING SHALL BE WELDED INTO ONE CONTINUOUS LENGTH.
- ALL VENT CONNECTIONS SHALL BE WELDED. COUPLINGS SHALL NOT BE ALLOWED.
- CASING SPACERS ARE TO BE PLACED A MAXIMUM OF 0'-6" FROM EACH END OF THE CASING AND A MAXIMUM OF 10'-0" ON CENTER FOR THE REMAINING LENGTH OF THE CASING.

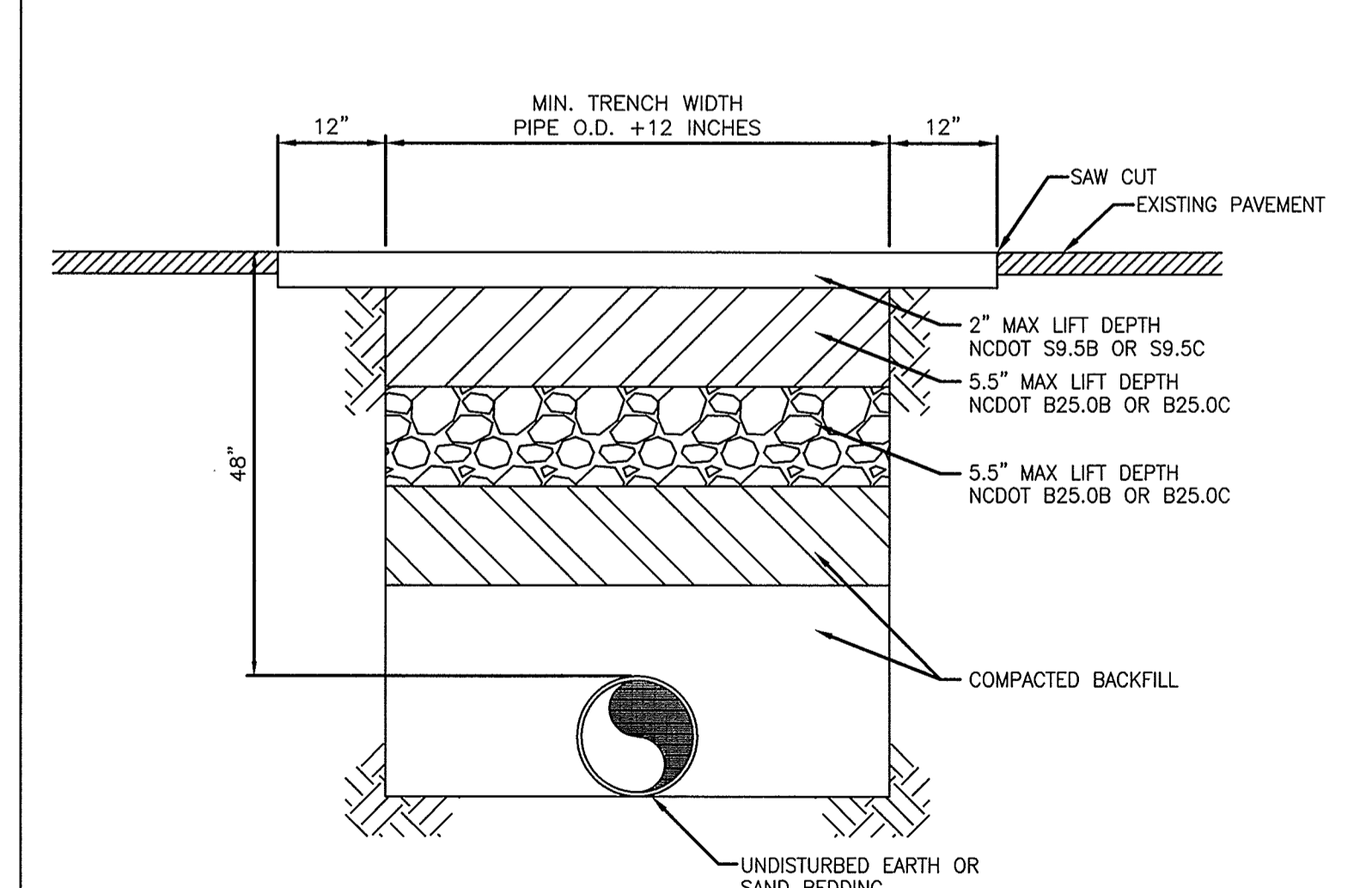
DIMENSIONS:

- FOR ROADWAY CROSSINGS**
- "A" = FOUR (4) FEET MINIMUM
 - "B" = FOUR (4) FEET MINIMUM
 - "C" = AS SHOWN ON PLANS
 - "D" = TO THE RIGHT-OF-WAY LINE
 - "E" = MINIMUM 5' FROM END OF CASING TO EDGE OF PAVEMENT

6 CASING DETAIL
D2 NOT TO SCALE



7 TYPICAL TRENCH SECTION IN GRASS/ GRAVEL AREA
D2 NOT TO SCALE



8 TYPICAL PAVEMENT REPAIR ON NCDOT MAINTAINED ROADS
D2 NOT TO SCALE

REVISIONS:

NO.	DATE	DESCRIPTION
1		

Greenville Utilities

EROSION CONTROL AND MISCELLANEOUS DETAILS

GREENVILLE UTILITIES COMMISSION
GCP-10094 THOMAS LANGSTON ROAD ENHANCEMENTS

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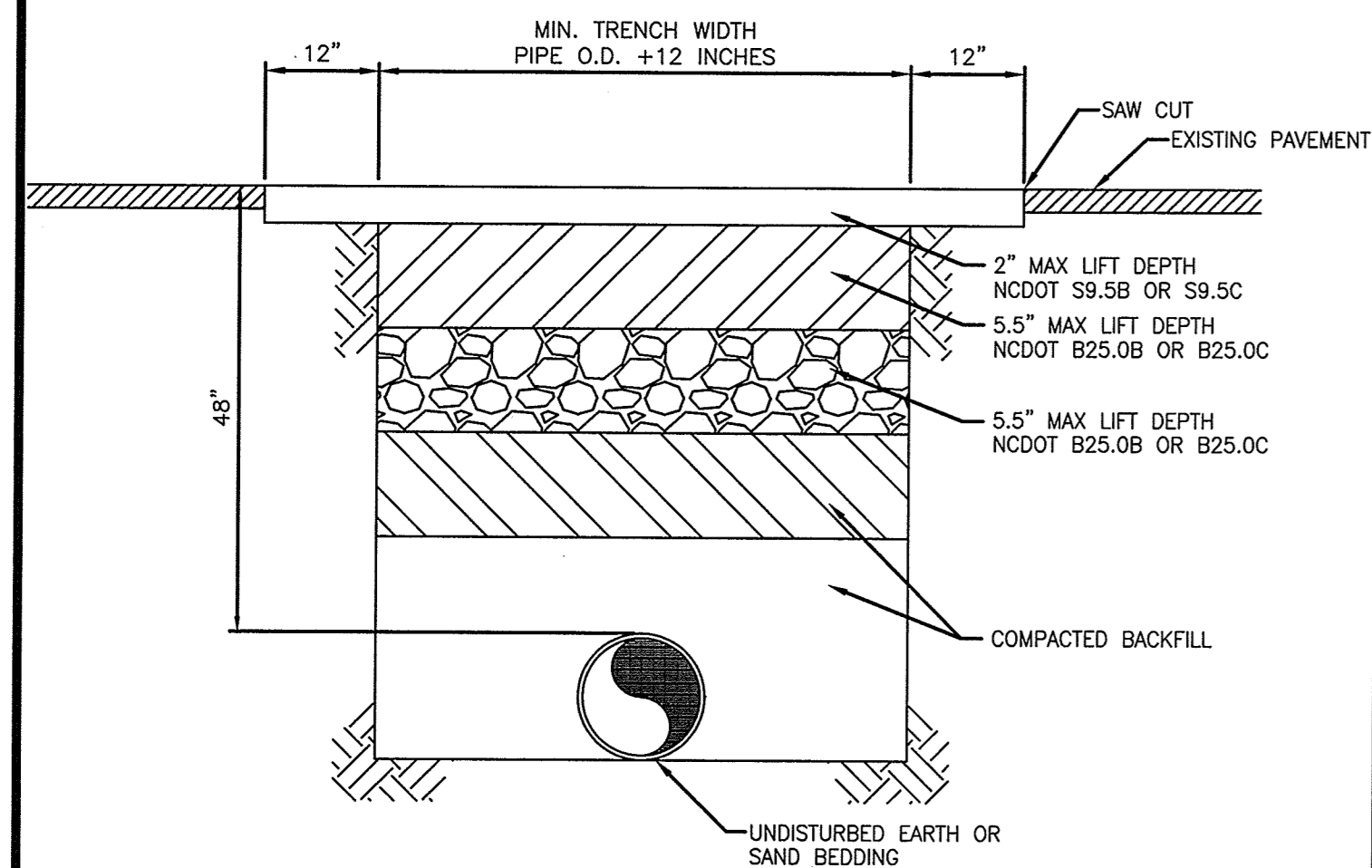
North Carolina Professional Seal
SEAL OF THE PROFESSION OF SURVEYORS
FREDERICK L. HARRIS
5/29/18

SURVEY - DRAFT JML
DESIGN - FLS CHECK FLS

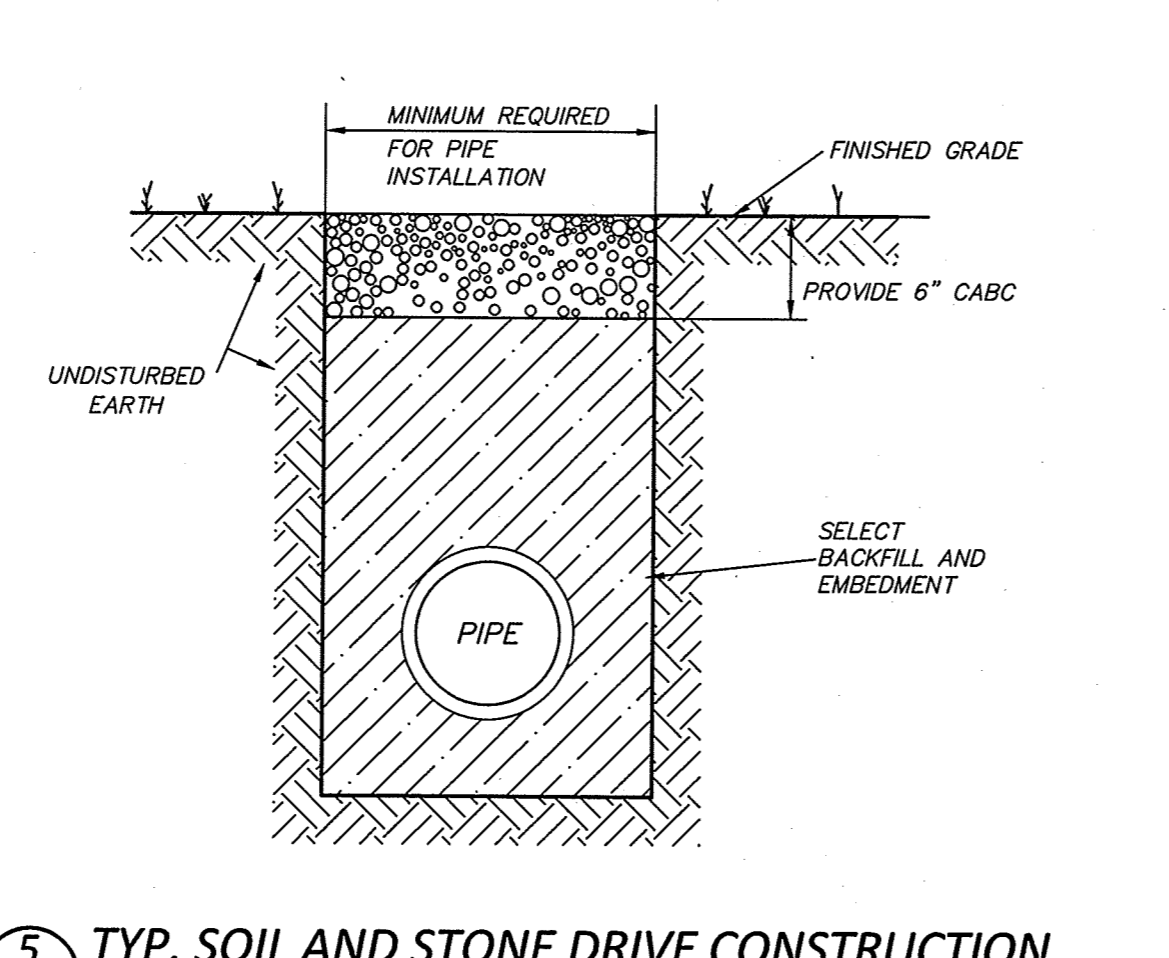
PROJECT No. **2017024**
DRAWING No. **W-3749**
SCALE: **AS SHOWN**

SHEET No. **OF 24**

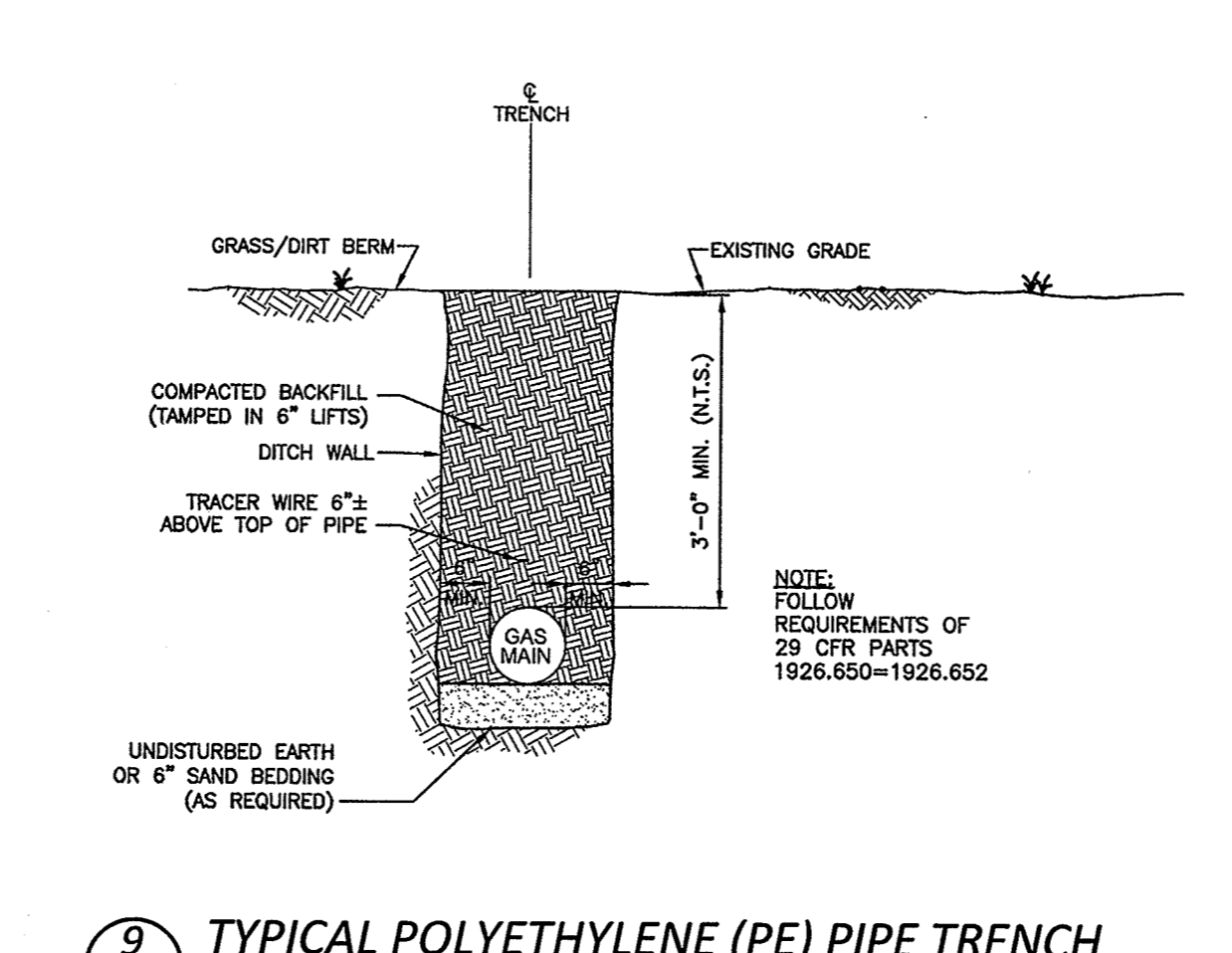
D2



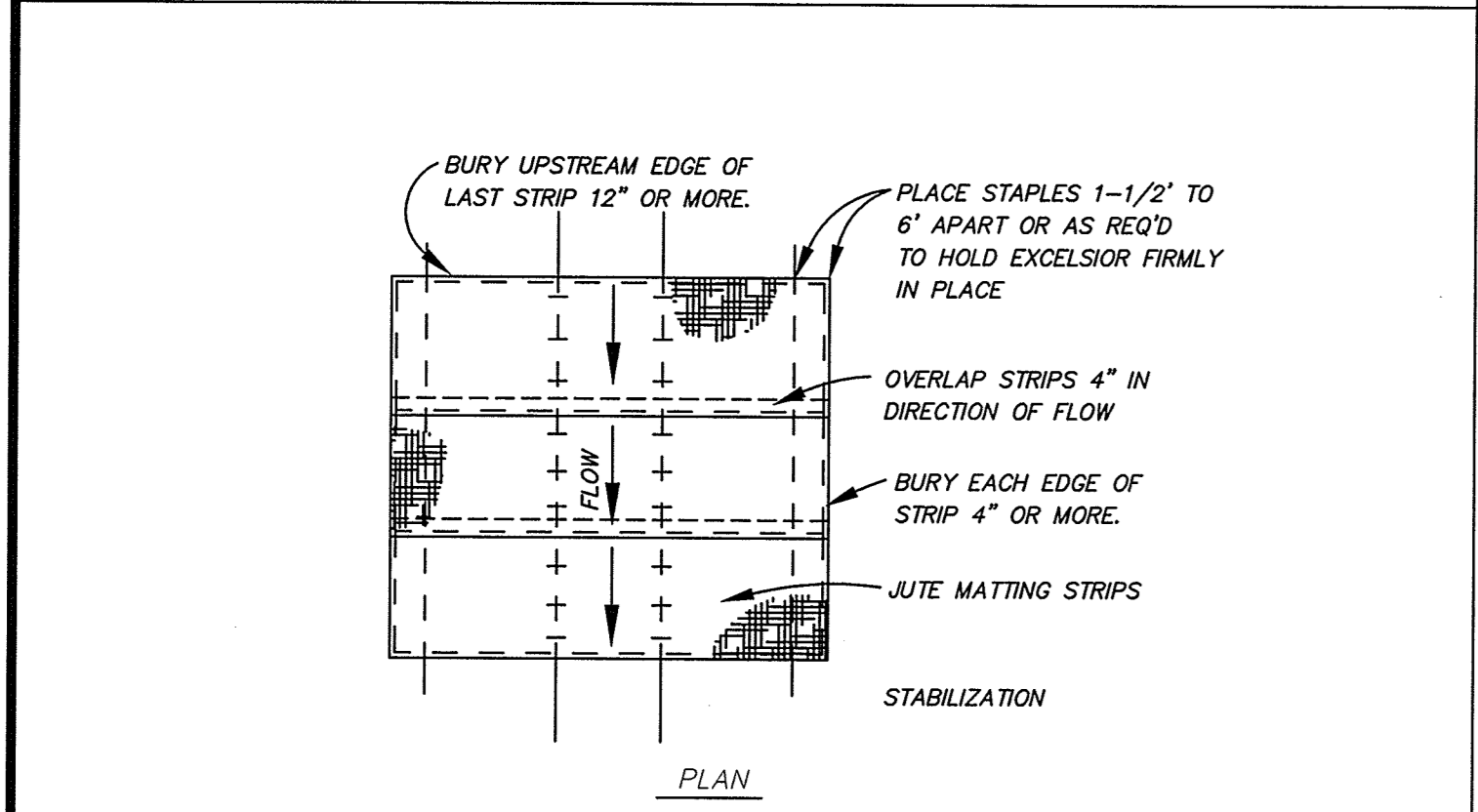
1 TYPICAL PAVEMENT REPAIR ON CITY MAINTAINED ROADS
D3 NOT TO SCALE



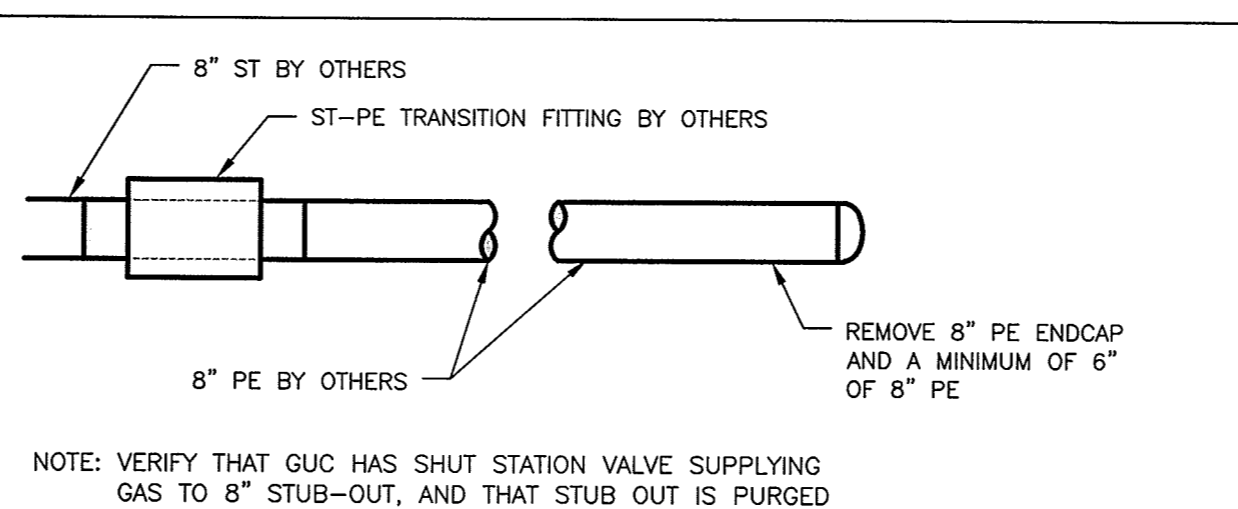
5 TYP. SOIL AND STONE DRIVE CONSTRUCTION
D3 NOT TO SCALE



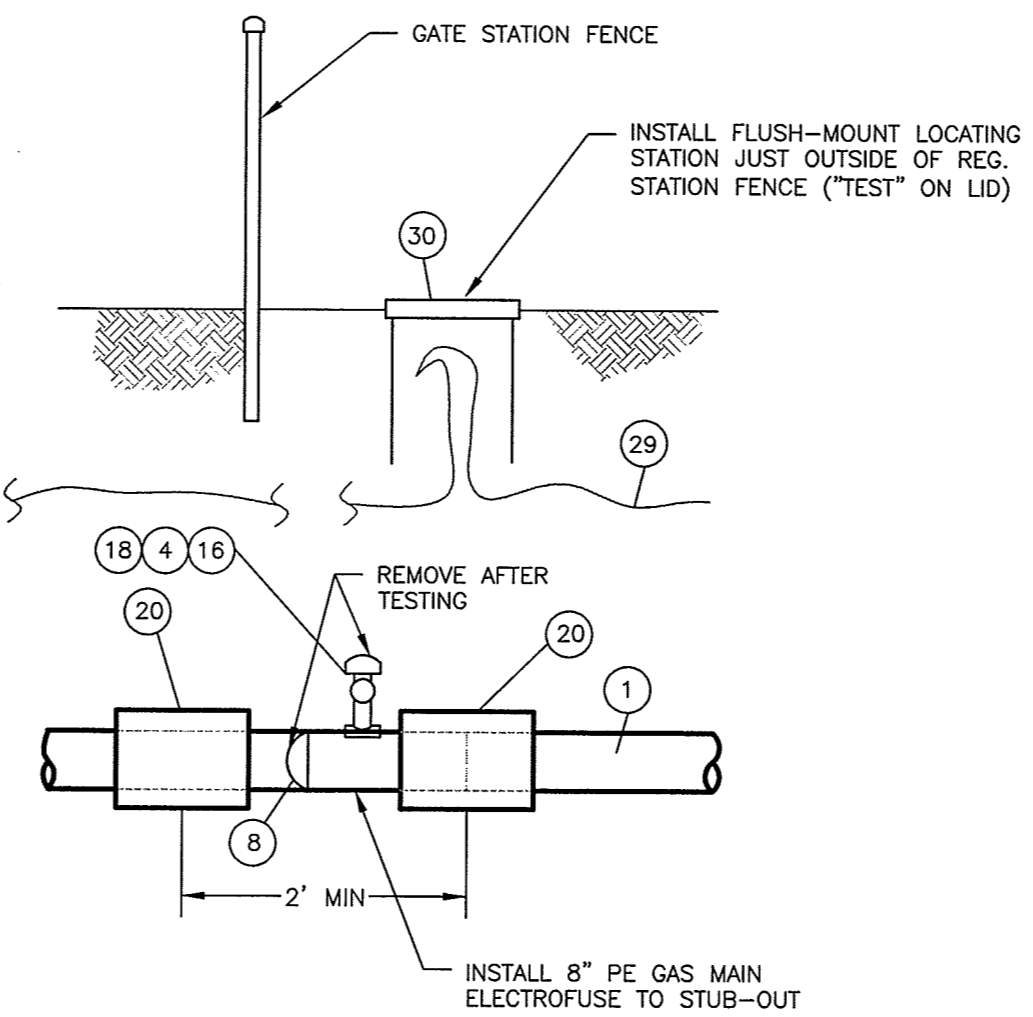
9 TYPICAL POLYETHYLENE (PE) PIPE TRENCH INSTALLATION DETAIL
D3 NOT TO SCALE



2 SLOPE STABILIZATION W/ EXCELSIOR MATTING
D3 NOT TO SCALE

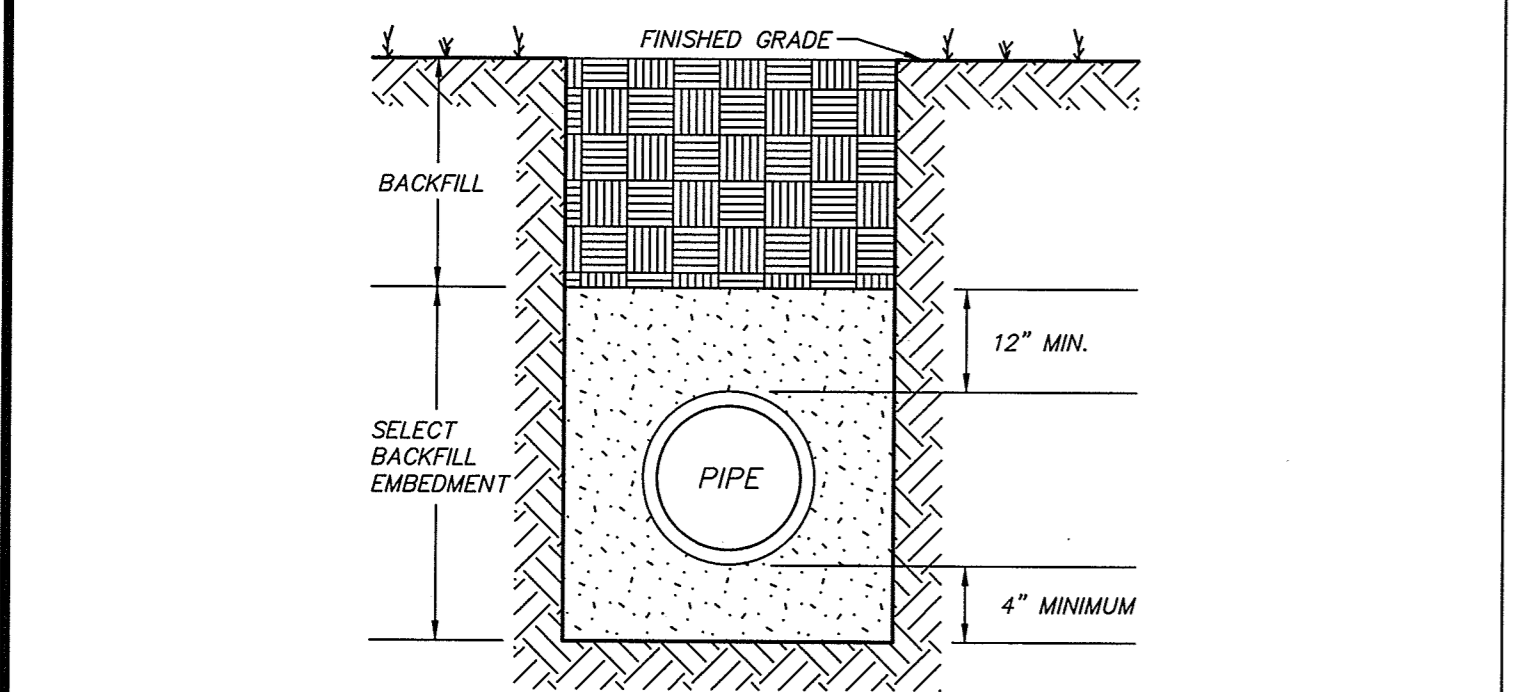


NOTE: VERIFY THAT GUC HAS SHUT STATION VALVE SUPPLYING GAS TO 8" STUB-OUT, AND THAT STUB OUT IS PURGED OR FREE OF NATURAL GAS PRIOR TO REMOVING END CAP.

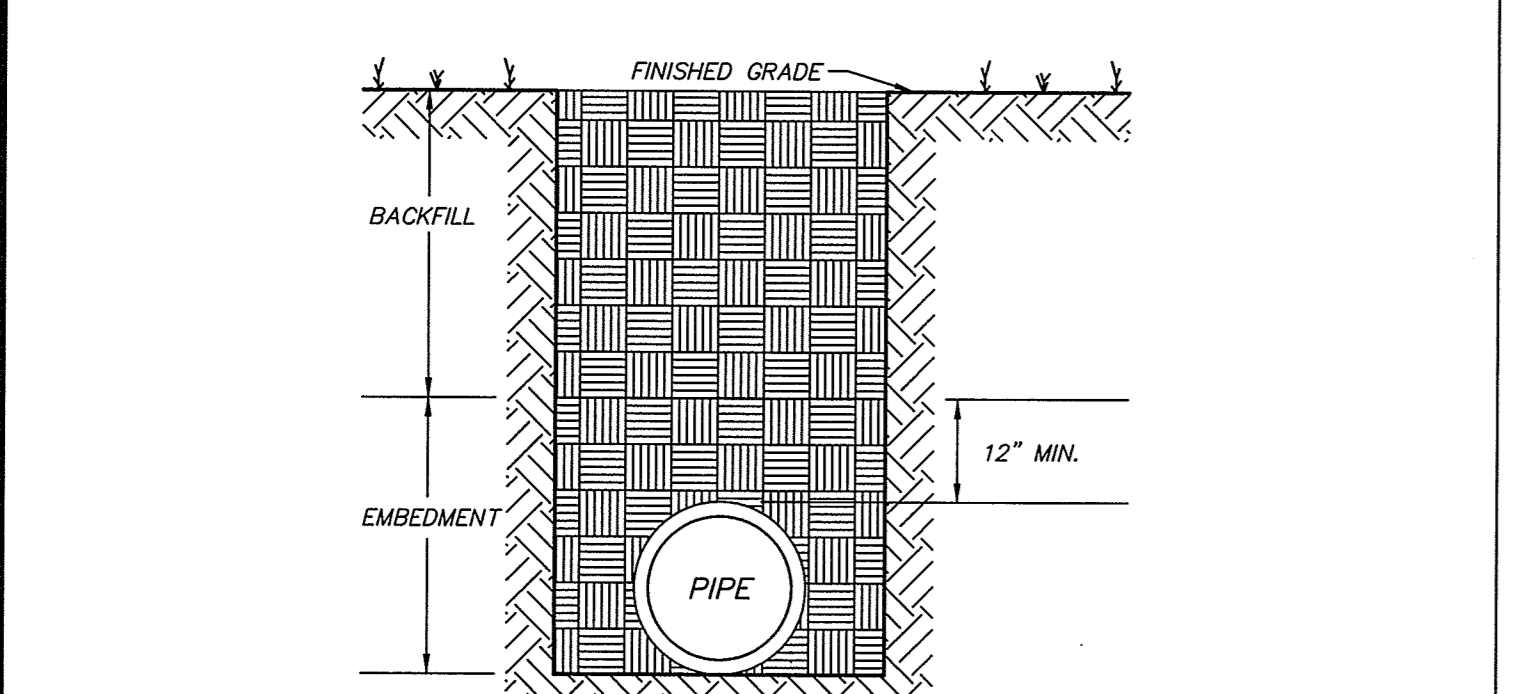


NOTE: UTILIZE HIGH VOLUME TAPPING TEE TO PRESSURE MAIN FOR TESTING.
NOTE: LOCATING STATION IS NOT REQUIRED IF GUC HAS INSTALLED A LOCATING STATION AT THE ST-PE TRANSITION FITTING.

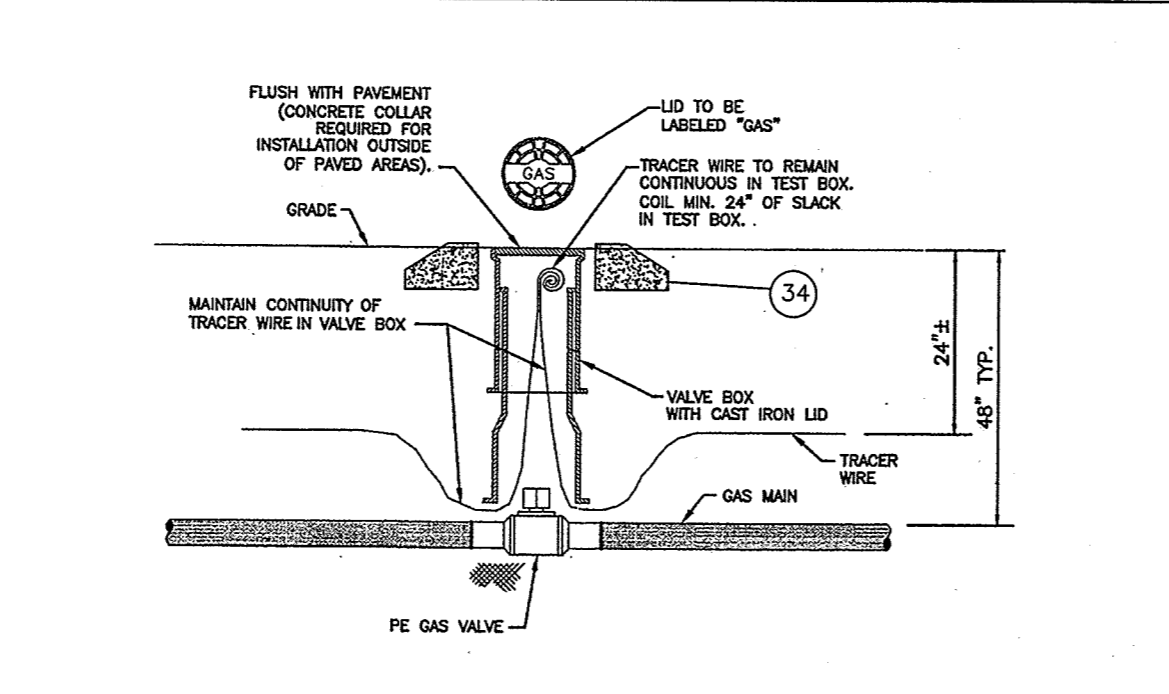
10 DETAIL
D3 NOT TO SCALE



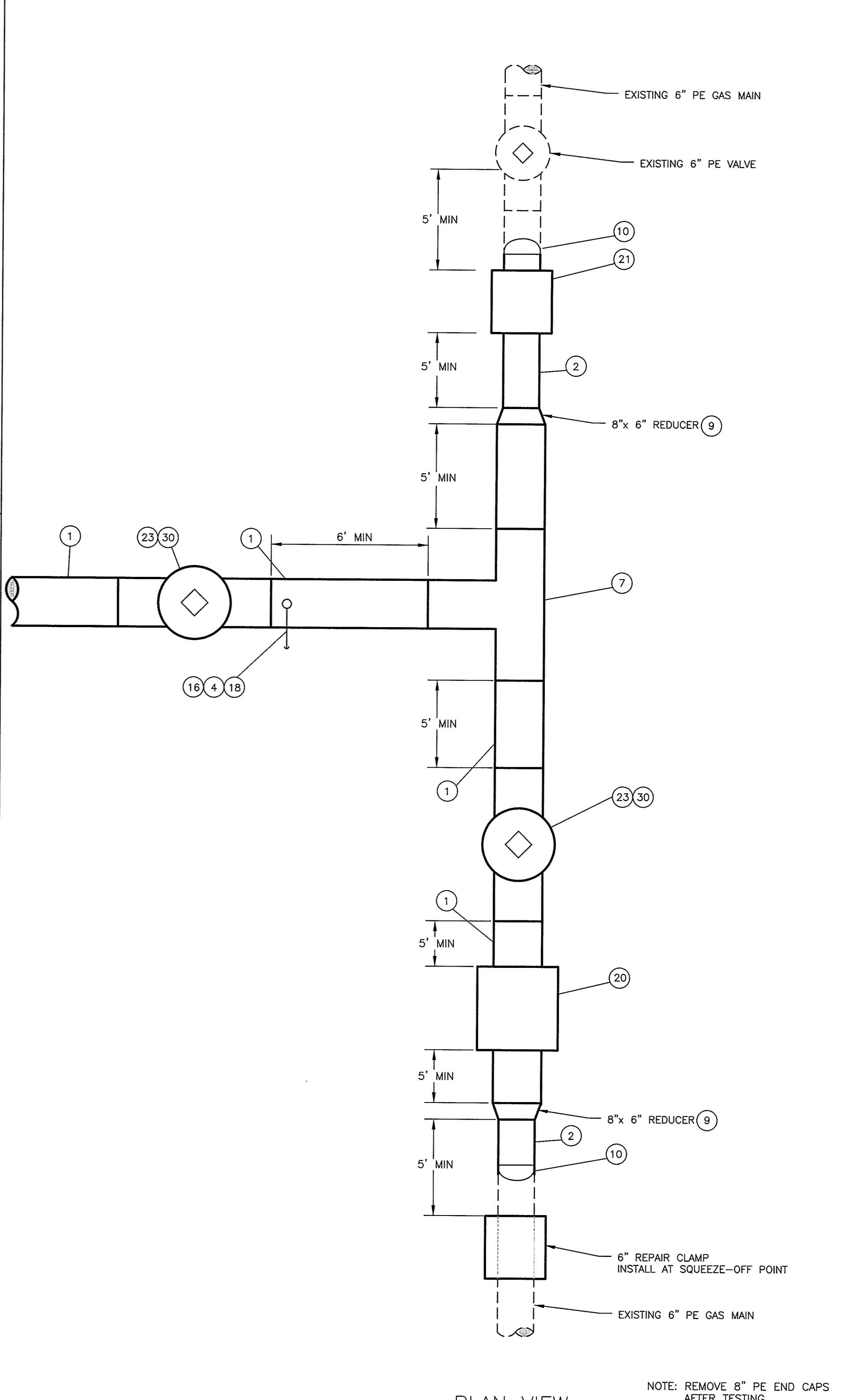
3 CLASS "E" BEDDING
D3 NOT TO SCALE



4 CLASS "F" BEDDING
D3 NOT TO SCALE



8 TYPICAL PLASTIC GAS VALVE INSTALLATION DETAIL
D3 NOT TO SCALE

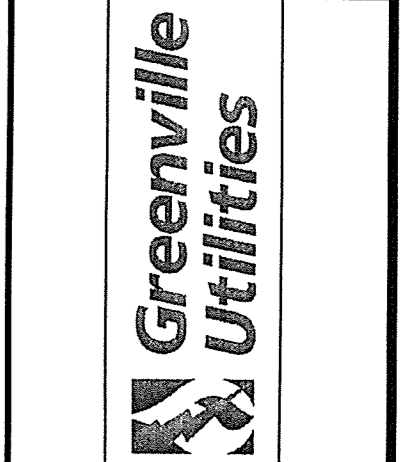


PLAN VIEW

NOTE: REMOVE 8" PE END CAPS AFTER TESTING

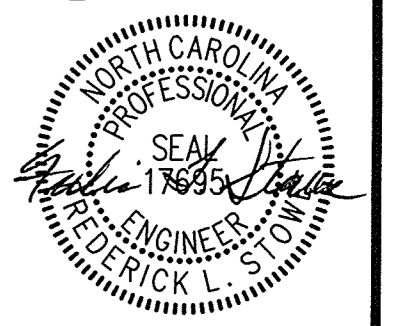
11 DETAIL
D3 NOT TO SCALE

REVISIONS:	
NO.	DESCRIPTION



MISCELLANEOUS DETAILS
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GCP-10094 THOMAS LANGSTON ROAD ENHANCEMENTS
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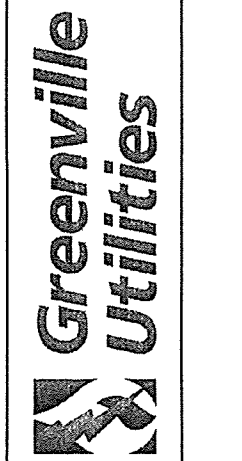
SURVEY	DRAFT	JML
DESIGN	FLS CHECK	FLS
PROJECT No.	2017024	
DRAWING No.	W-3749	
SCALE:	AS SHOWN	
SHEET No.	OF 24	

D3

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REVISIONS:

REV.	DESCRIPTION	DATE	APP.

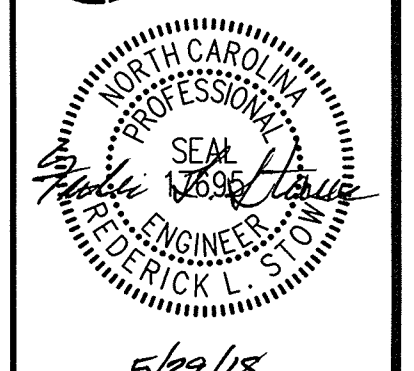


MISCELLANEOUS DETAILS
GREENVILLE UTILITIES COMMISSION
GCP-10094 THOMAS LANGSTON
ROAD ENHANCEMENTS

NORTH CAROLINA

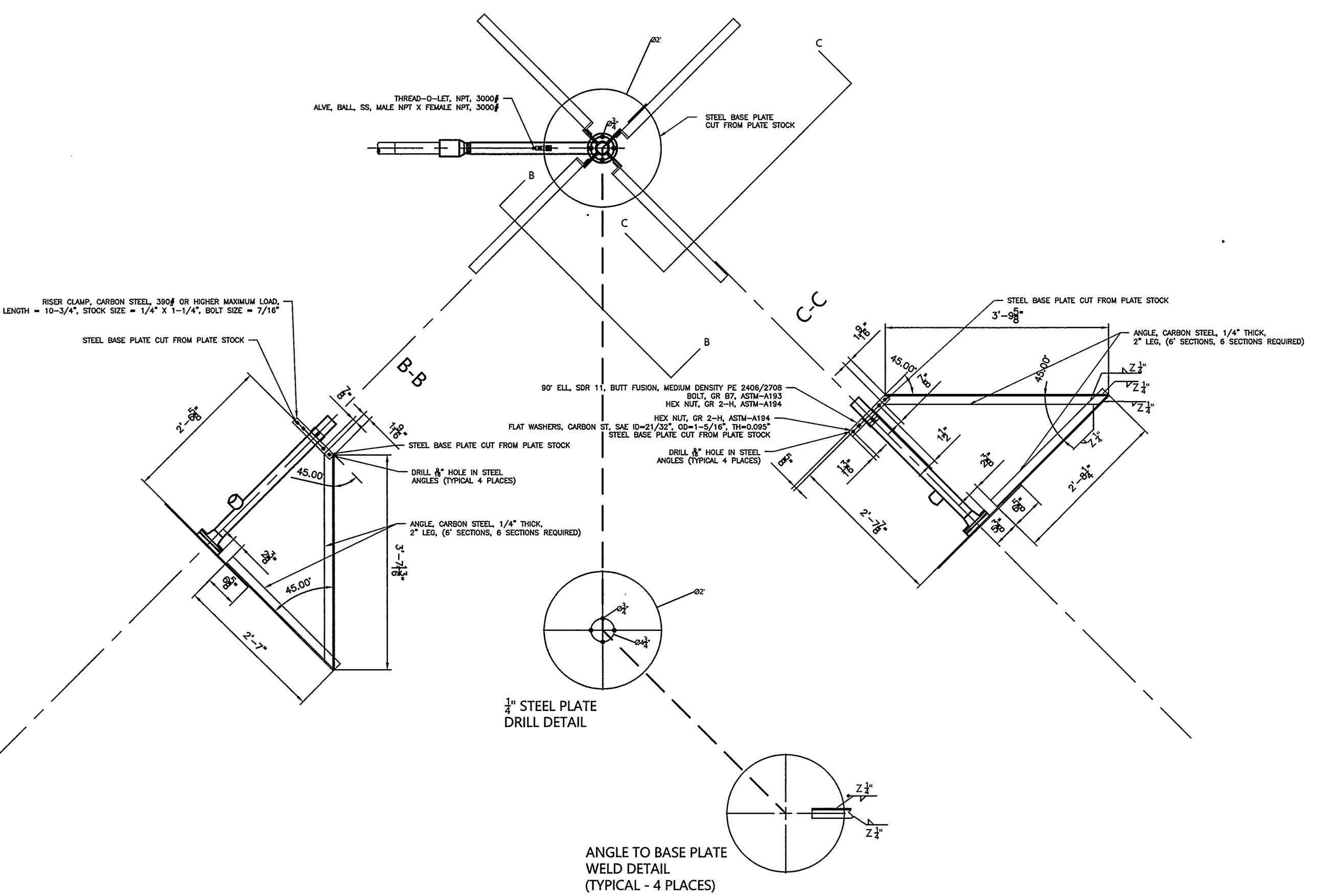
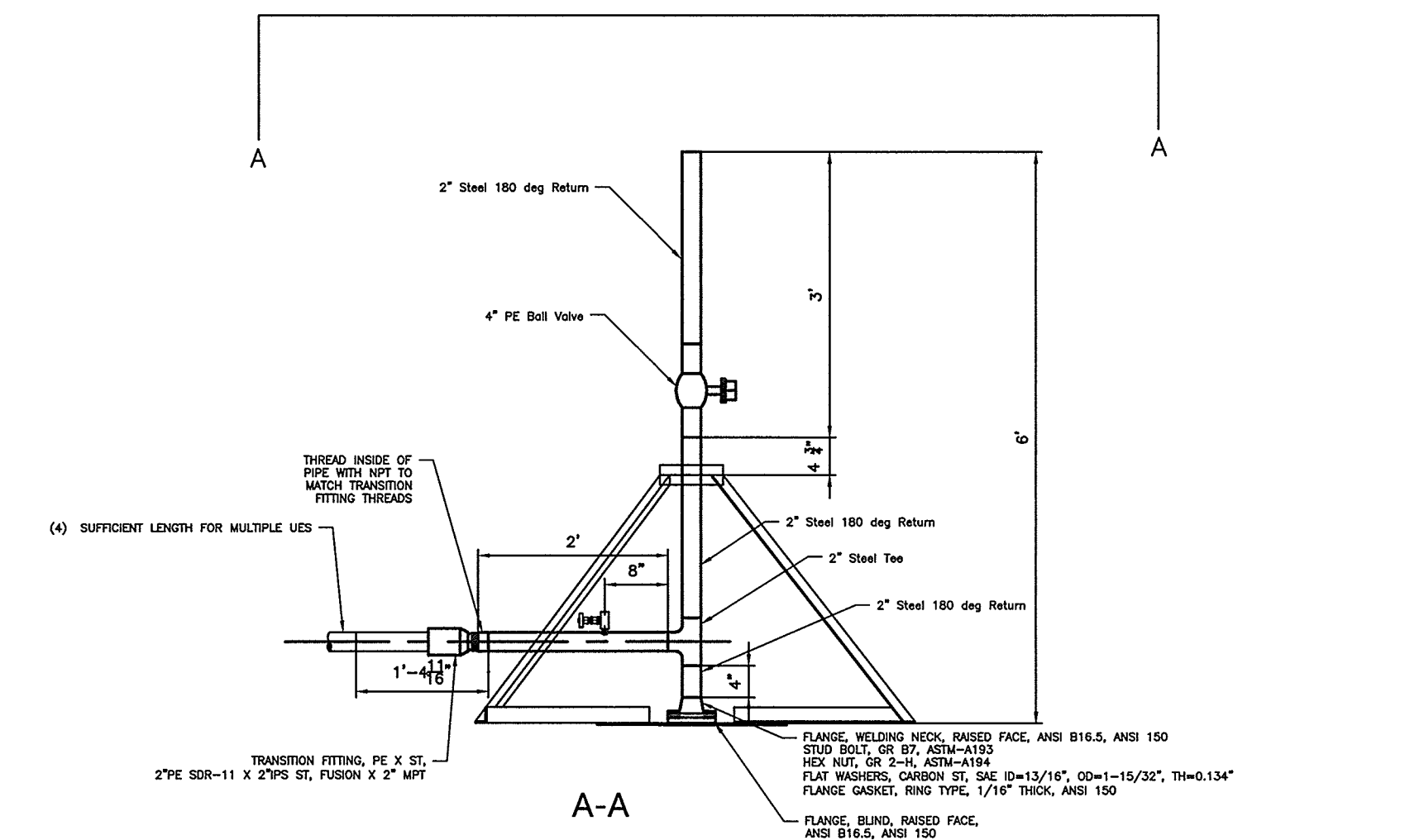
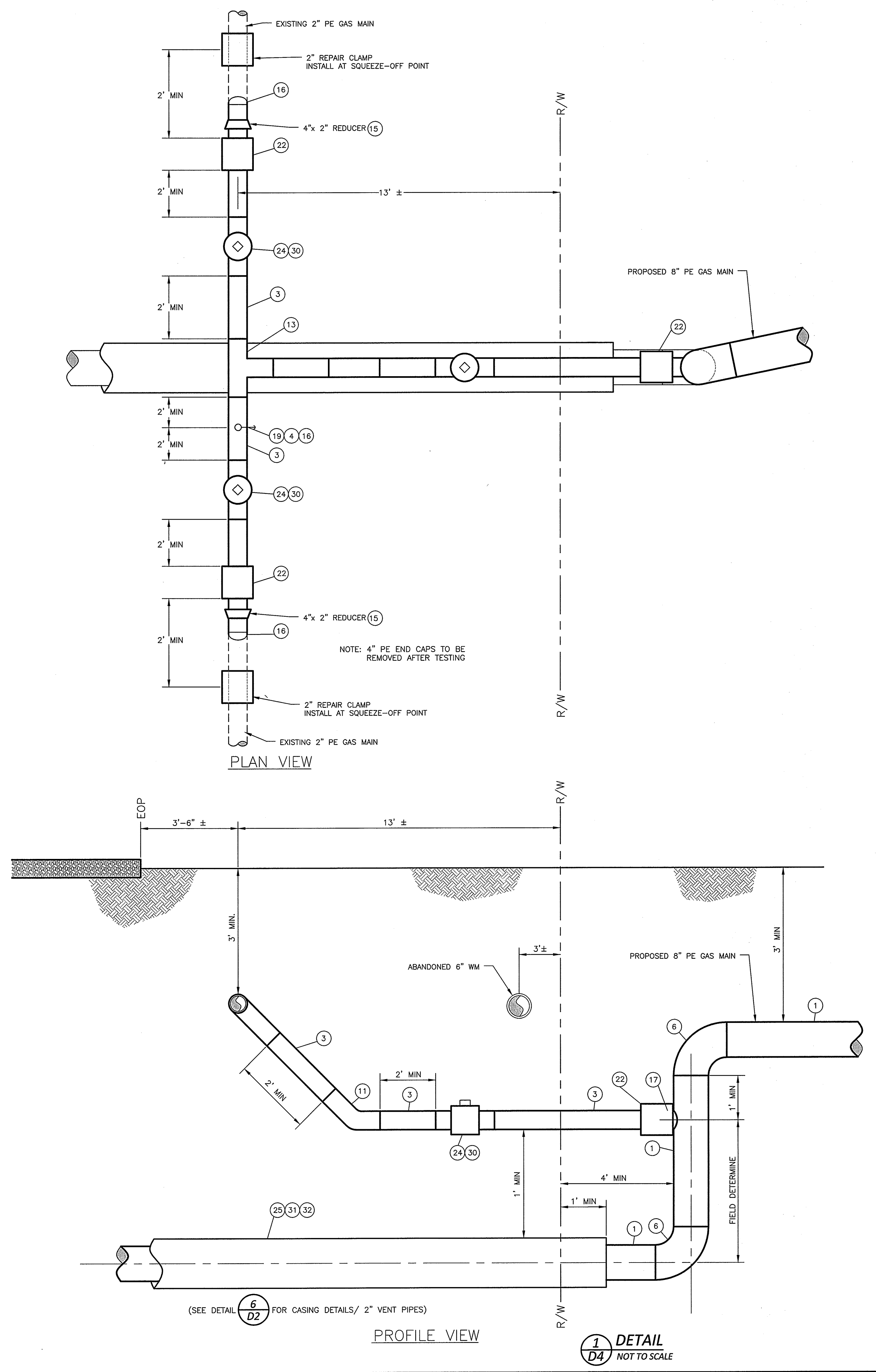
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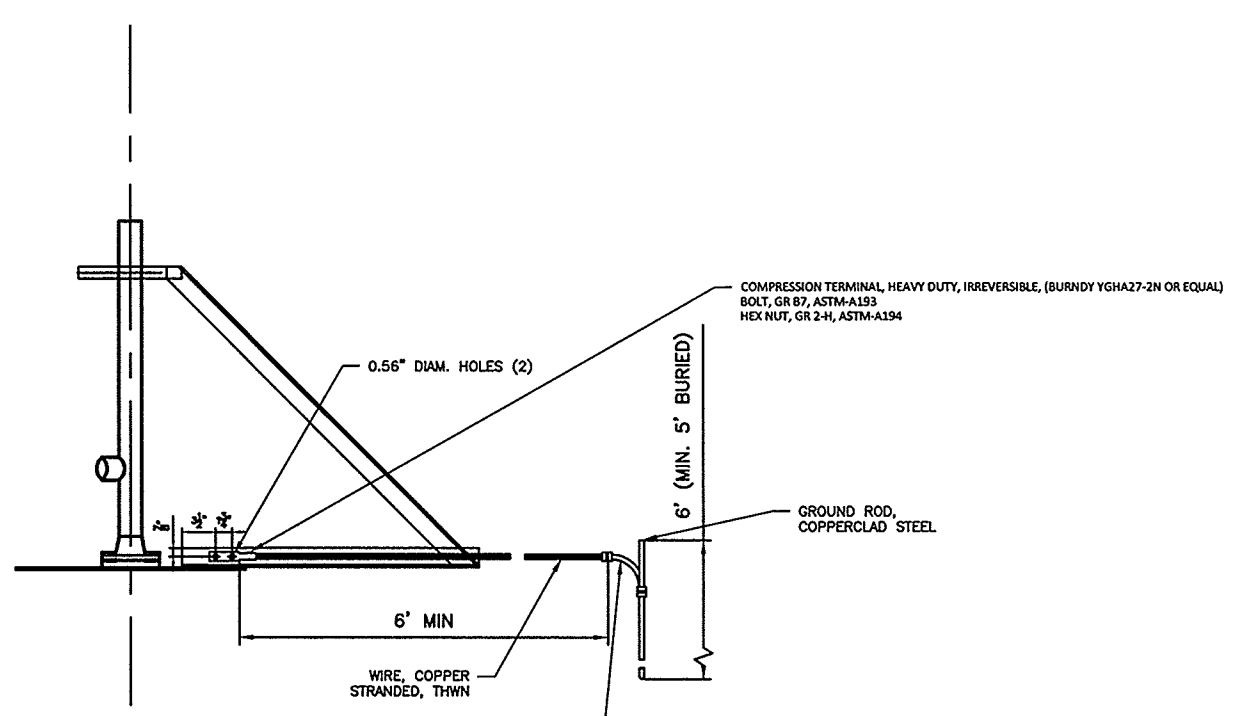


SURVEY	DRAFT	JML
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PROJECT No.	2017024	
DRAWING No.	W-3749	
SCALE:	AS SHOWN	
SHEET No.	OF 24	

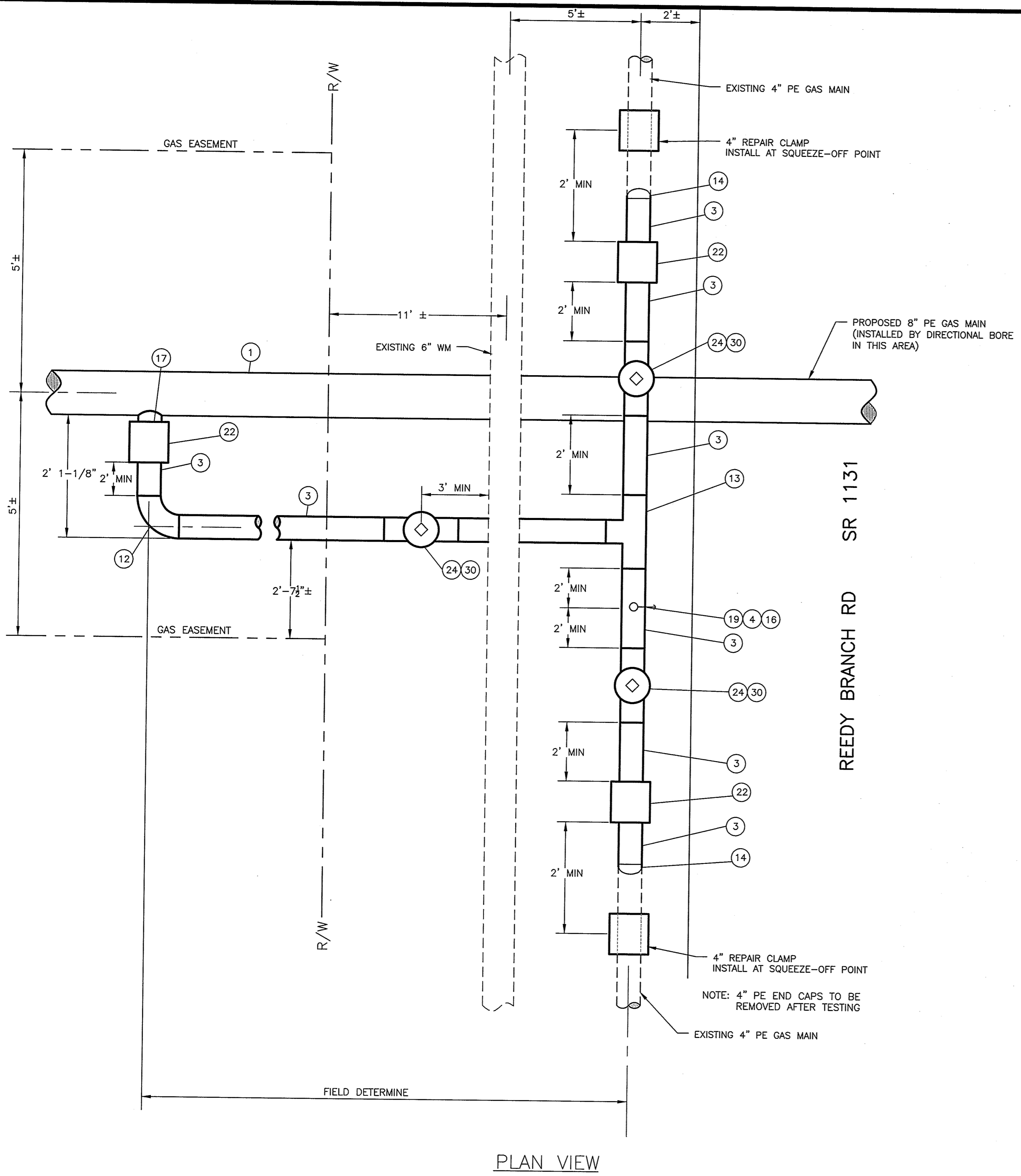
D4



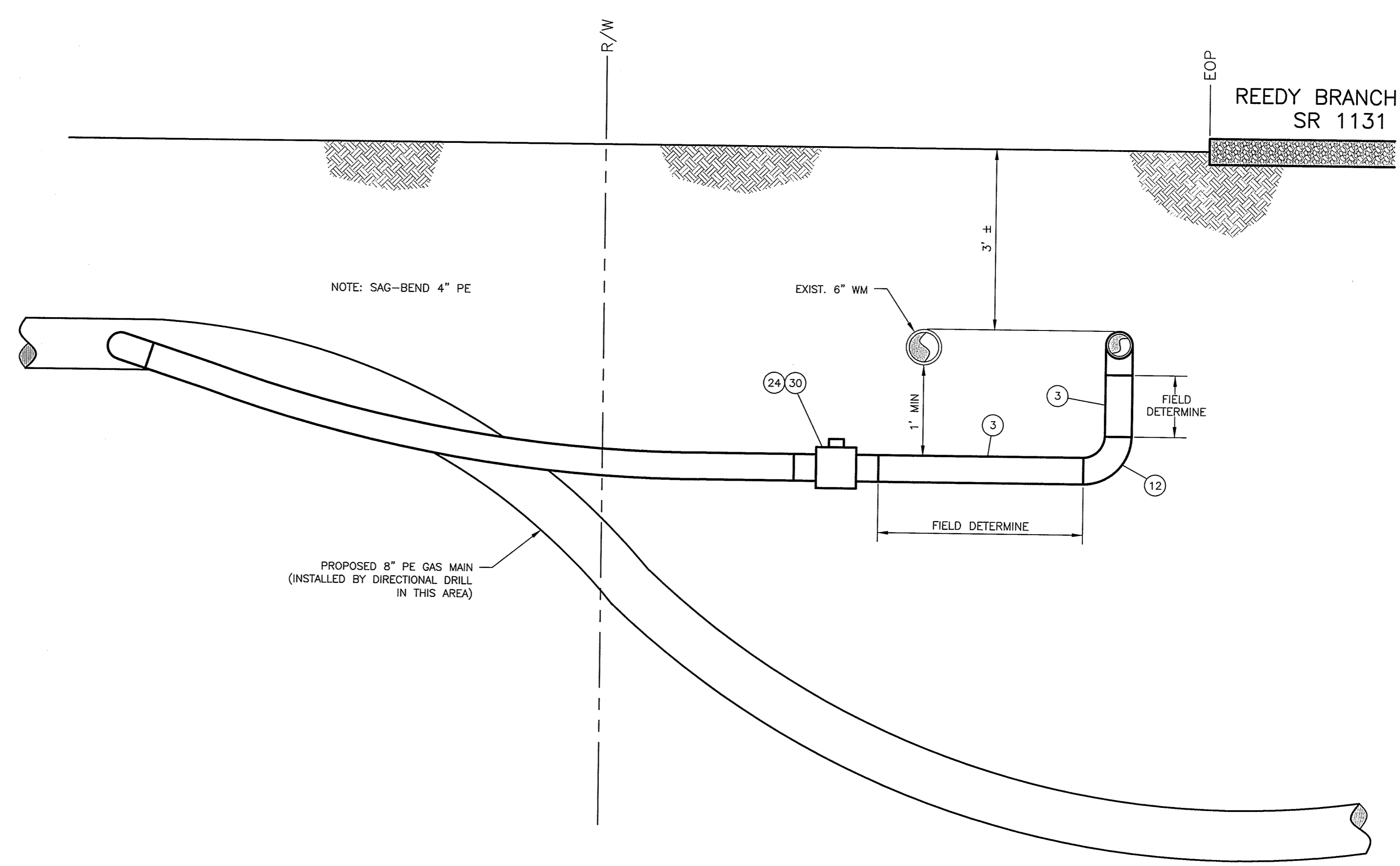
2 PURGE STACK DETAIL
 NOT TO SCALE



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PLAN VIEW

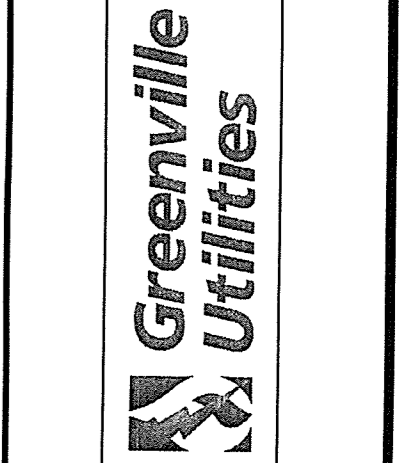


PROFILE VIEW

1
D5
DETAIL
NOT TO SCALE

REVISIONS:

NO.	DATE	DESCRIPTION	BY	APP'D



MISCELLANEOUS DETAILS

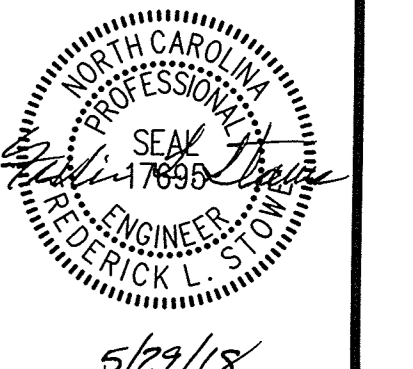
GREENVILLE UTILITIES COMMISSION
GCP-10094 THOMAS LANGSTON
ROAD ENHANCEMENTS

PITT COUNTY NORTH CAROLINA

NO License: F-6834

Rivers
& ASSOCIATES, INC.
riversandassociates.com
107 East Second Street
Greenville, NC 27650
(252) 742-4135

Engineers
Planners
Surveyors
Landscape Architects



5/29/18

SURVEY	-	DRAFT	JML
DESIGN	FLS	CHECK	FLS
PROJECT No.	2017024		
DRAWING No.	W-3749		
SCALE:	AS SHOWN		
SHEET No.	OF 24		

D5

20170204- Thomas Langston Road Enhancements - 20170204-01-DWG-AS-18-05-11-24-FM