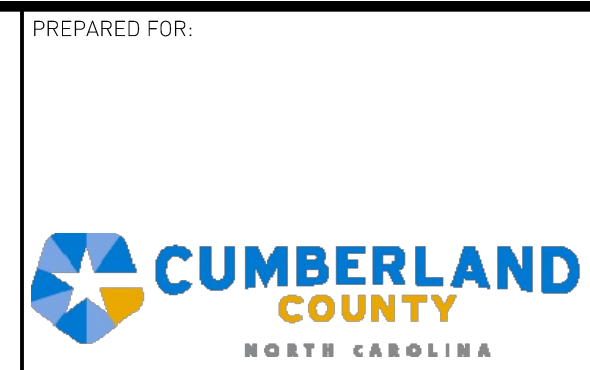


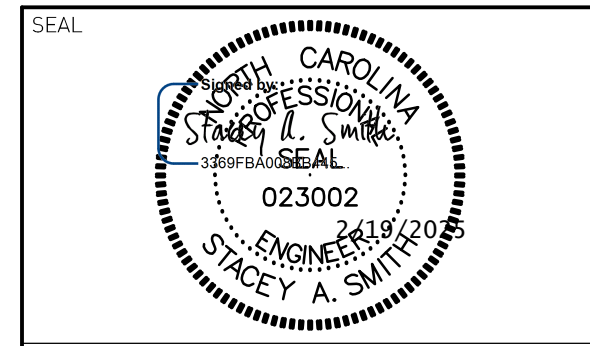
- LEGEND**
- EXISTING CONTOUR (SEE REFERENCE 1)
 - - - PROPERTY LINE (SEE REFERENCE 2)
 - - - STREAM (APPROXIMATE)
 - - - APPROXIMATE EXISTING WASTE LIMITS
 - - - PROPOSED WATER LINE
 - - - LIMIT OF FUTURE WASTE PLACEMENT
 - LIMITS OF DISTURBANCE
 - EXISTING SEWER LINE
 - EXISTING LEACHATE LINE
 - EXISTING WATER LINE
 - EXISTING LANDFILL GAS LINE (SEE REFERENCES 5, 6, & 11)
 - EXISTING COMPRESSED AIR LINE (SEE REFERENCES 5, 6, & 11)
 - EXISTING CONDENSATE LINE (SEE REFERENCES 5, 6, & 11)
 - EXISTING COMPRESSED AIR AND CONDENSATE LINE (SEE REFERENCES 5, 6, & 11)
 - EXISTING FORECMAIN (SEE REFERENCES 5, 6, & 11)
 - FINAL COVER LIMITS (SEE REFERENCE 11)
 - FLOOD ZONE AE (SEE REFERENCE 9)
 - FLOODWAY (SEE REFERENCE 9)
 - WETLANDS (SEE REFERENCE 8)
 - EW-720 LFG EXTRACTION WELL (SEE REFERENCE 5 & 11)
 - CW-1 LFG CAP WELL (SEE REFERENCE 5)
 - LC05E LEACHATE CLEANOUT WELL (SEE REFERENCE 5 & 11)
 - TP-1 TEST PIT (SEE REFERENCE 4)
 - GP-1 GAS MONITORING PROBE (SEE REFERENCE 4)
 - MW-1 MONITORING WELL (SEE REFERENCE 4)
 - I-1 INJECTION WELL (SEE REFERENCE 5)
 - SW-1 STORMWATER MONITORING POINT (SEE REFERENCE 4)
 - CS-1 CONDENSATE SUMP (SEE REFERENCE 5 & 11)
 - RW-930 PROPOSED REMOTE WELLHEAD
 - EXISTING LEACHATE COLLECTION PIPE CLEANOUT (SEE REFERENCE 5)
 - SEWER MANHOLE
 - LEACHATE MANHOLE
 - FIRE HYDRANT
 - BACKFLOW PREVENTER



PREPARED BY: NC LIC. NO. F-1370 (ENGINEERING)
SC COA NO. C01488

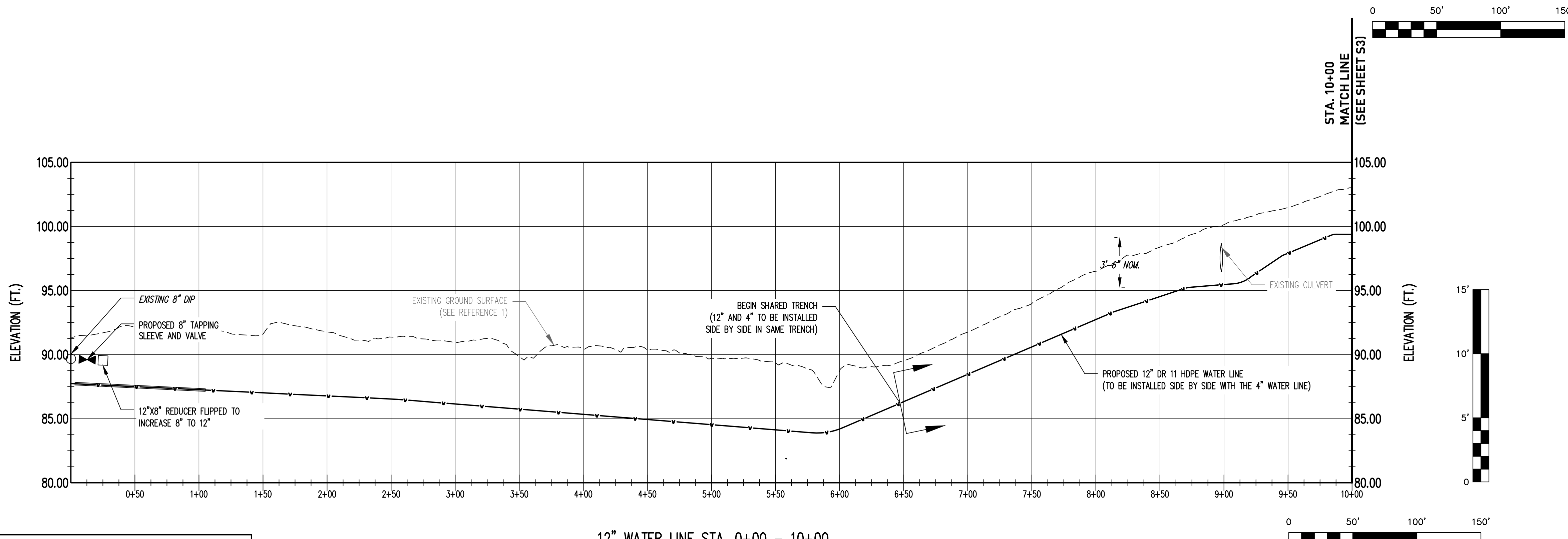
SMITH+GARDNER ENGINEERS

14 N. Boylan Avenue, Raleigh NC 27603 | 919.828.0577
1526 Richland St., Columbia SC 29201



REV.	DATE	DESCRIPTION
1	2/18/25	ADDENDUM 1

- REFERENCES**
- SITE TOPOGRAPHY DATED MARCH 18, 2022 BY GEODATA CORPORATION, ZEBULON, NC. WITH UPDATED TOPOGRAPHY FOR CELLS 8-10 BY SMITH GARDNER UAS AERIAL TOPOGRAPHY, DATED MARCH 21, 2024.
 - PERMETER BOUNDARY INFORMATION DATED MAY 26, 2022 BY JOYNER KEENEY, FAYETTEVILLE, NC.
 - LANDFILL GAS WELL LOCATION PROVIDED BY SCS ENGINEERS, P.C. DRAWING TITLED ANN STREET CAD LANDFILL FACILITY PLAN.
 - TEST PIT LOCATIONS PROVIDED BY SCS ENGINEERS, P.C. DRAWING TITLED TEST PIT SITE PLAN.
 - EXISTING LANDFILL GAS SYSTEM LOCATIONS DIGITIZED BASED ON "AS-BUILT EXISTING CONDITIONS" DATED SEPTEMBER 2019, "AS-BUILT SITE PLAN" DATED APRIL 2020; PREPARED BY SCS ENGINEERS. WITH SUPPLEMENTS FOR CAD DRAWING TITLED 2021-11-08 BLOWER AND FLARE PAD AS-BUILT MAP; PREPARED FEI CIVIL ENGINEERS AND LAND SURVEYORS; DATED OCT. 11, 2021.
 - MCNAMEE GAS TRANSMISSION LINE FROM SURVEY CONDUCTED BY SURVEYING SOLUTIONS OF YOUNGSHVILLE, NC; DATED JUNE 21, 2022.
 - SANITARY SEWER EASEMENT AND CUMBERLAND COUNTY UTILITY EASEMENT FROM CUMBERLAND COUNTY DEED BOOK 932, PAGE 471. EASEMENT DIGITIZED FROM DRAWING TITLED "CAMPBELL COMPANY 20' SANITARY SEWER EASMT", PROVIDED BY THE CITY OF FAYETTEVILLE PUBLIC WORKS COMMISSION. DATED 04/07/1971.
 - WETLAND LOCATIONS PROVIDED BY 4D SOLUTIONS DRAWING TITLED "WETLANDS MAP OF THE ANN STREET LANDFILL", DATED APRIL 13, 2020.
 - FLOOD PLAIN INFORMATION PROVIDED BY NORTH CAROLINA FLOOD RISK INFORMATION SYSTEM. SEE FEMA FLOODPLAIN MAP PANEL 0447, MAP NUMBER 3720044700K, DATED 06/16/07.
 - FINAL COVER LIMITS INFORMATION PROVIDED BY SCS ENGINEERING, P.C. DRAWING TITLED "FINAL GRADING PLAN", DATED MAY 2019.
 - PROTECTIVE COVER (PCVR) ELEVATIONS FOR CELLS 1-5 BASED ON CDM DRAWING TITLED "CUMBERLAND COUNTY ANN STREET LANDFILL FACILITY PLAN", DATED JANUARY 1995; CELLS 6-8 (PCVR) ELEVATIONS BASED ON CAD DRAWING FROM CDM TITLED "C-5"; DATED SEPTEMBER 2020; CELLS 9-10 (PCVR) BASED ON CAD DRAWING FROM CDM TITLED "CUMBERLAND LF FINAL ASBUILT".
 - ALL POINT FEATURES FOR WATER, SEWER, AND LEACHATE INFRASTRUCTURE FROM FIELD SURVEYS CONDUCTED BY SMITH GARDNER, INC., DATED 12/07/2023, 12/20/2023, AND 01/15/2024.
 - WATER LINES IN ENTRANCE AREA FROM DRAWING TITLED "ANN STREET LANDFILL SITE ENTRANCE IMPROVEMENTS" BY SCS ENGINEERS, P.C. DATED APRIL 2020.
 - LEACHATE FORECMAIN LOCATION BETWEEN PS-1 AND PS-2 FROM DRAWING TITLED "TOPOGRAPHY BASE MAP OF A PORTION OF THE ANN STREET LANDFILL FEBRUARY 2018 FOR CUMBERLAND COUNTY SOLID WASTE MANAGEMENT" BY JOYNER KEENEY, PLLC, DATED 03/29/2018.



12" WATER LINE STA. 0+00 - 10+00

PROFILE 1
SCALE: AS SHOWN

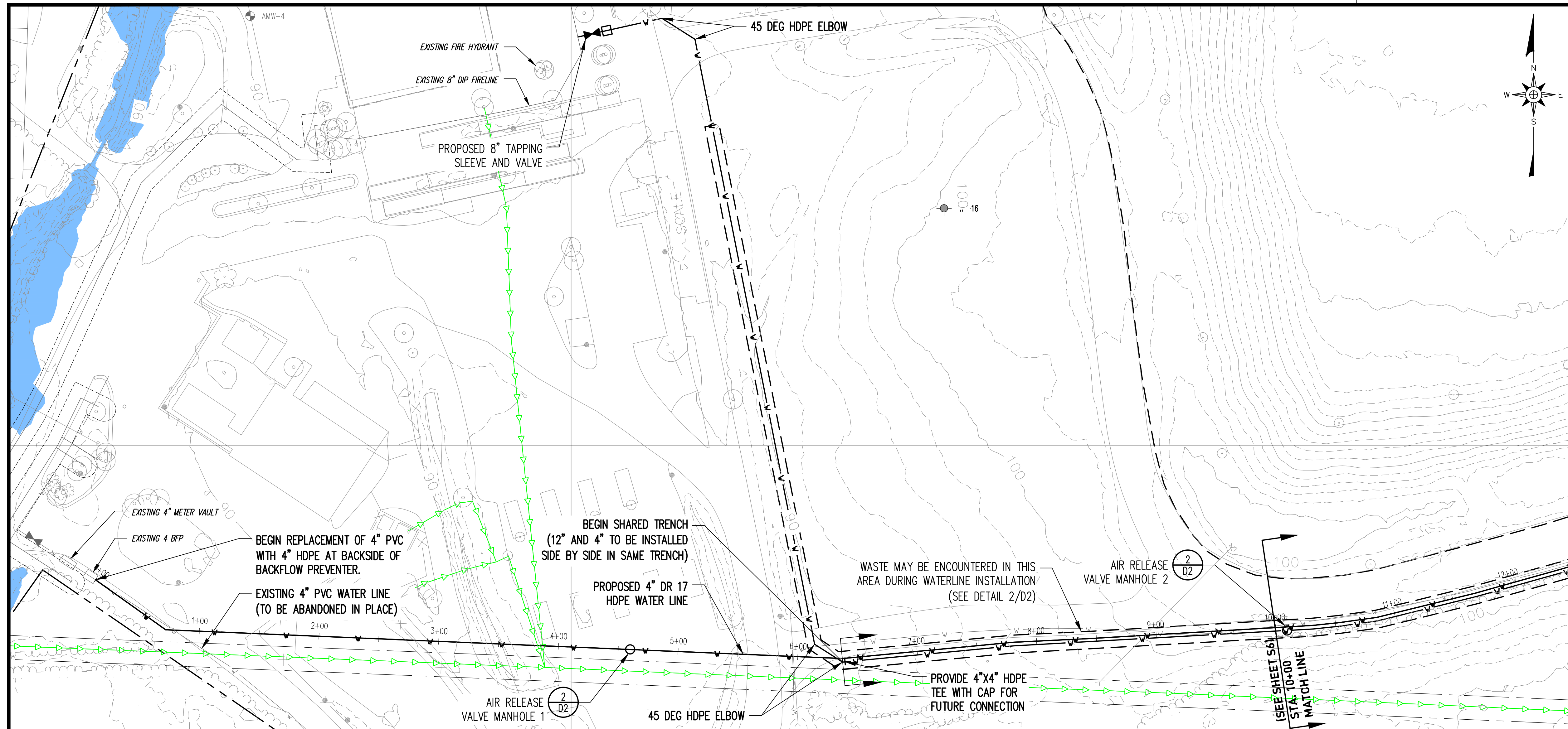
FOR BIDDING
NOT FOR CONSTRUCTION

- NOTES**
- WATER FOR CONSTRUCTION PURPOSES AVAILABLE FROM TAP ON BUILDING.
 - WASTE MAY BE ENCOUNTERED AT ANY POINT DURING THE INSTALLATION. CONTRACTOR TO NOTIFY ENGINEER IMMEDIATELY. CONTRACTOR TO UNDERCUT AND BACKFILL AREA IN ACCORDANCE WITH DETAIL 2/D2. WASTE REMOVED SHALL BE DISPOSED OF IN THE COUNTY MSW LANDFILL CELL.

PROJECT TITLE:
**WATERLINE INSTALLATIONS
MSW TRANSFER STATION**

DRAWING TITLE:
**12 INCH WATER LINE
PLAN AND PROFILE
(SHEET 1 OF 3)**

DESIGNED: J.D.B.	PROJECT NO: CUMBERLAND 22-1
DRAWN: J.R.T.	SCALE: AS SHOWN
APPROVED: S.A.S.	DATE: DEC. 2024
FILE NAME: CUMBERLAND-D0273	DRAWING NUMBER:
3	S2



LEGEND

- EXISTING CONTOUR (SEE REFERENCE 1)
- - - PROPERTY LINE (SEE REFERENCE 2)
- - - STREAM (APPROXIMATE)
- - - APPROXIMATE EXISTING WASTE LIMITS
- - - PROPOSED WATER LINE
- - - LIMIT OF FUTURE WASTE PLACEMENT
- LIMITS OF DISTURBANCE
- EXISTING SEWER LINE
- EXISTING LEACHATE LINE
- EXISTING WATER LINE
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- EXISTING COMPRESSED AIR LINE (SEE REFERENCES 5, 6, & 11)
- EXISTING CONDENSATE LINE (SEE REFERENCES 5, 6, & 11)
- EXISTING COMPRESSED AIR AND CONDENSATE LINE (SEE REFERENCES 5, 6, & 11)
- EXISTING FORCEMAIN (SEE REFERENCES 5, 6, & 11)
- FINAL COVER LIMITS (SEE REFERENCE 11)
- FLOOD ZONE AE (SEE REFERENCE 9)
- FLOODWAY (SEE REFERENCE 9)
- WETLANDS (SEE REFERENCE 8)
- EW-720 LFG EXTRACTION WELL (SEE REFERENCE 5 & 11)
- CW-1 LFG CAP WELL (SEE REFERENCE 5)
- LC05E LEACHATE CLEANOUT WELL (SEE REFERENCE 5 & 11)
- TP-1 TEST PIT (SEE REFERENCE 4)
- GP-1 GAS MONITORING PROBE (SEE REFERENCE 4)
- MW-1 MONITORING WELL (SEE REFERENCE 4)
- I-1 INJECTION WELL (SEE REFERENCE 5)
- SW-1 STORMWATER MONITORING POINT (SEE REFERENCE 4)
- CS-1 CONDENSATE SUMP (SEE REFERENCE 5 & 11)
- RW-930 PROPOSED REMOTE WELLHEAD
- EXISTING LEACHATE COLLECTION PIPE CLEANOUT (SEE REFERENCE 5)
- SEWER MANHOLE
- LEACHATE MANHOLE
- FIRE HYDRANT
- BACKFLOW PREVENTER

PREPARED FOR:

PREPARED BY: NC LIC. NO. F-1370 (ENGINEERING)
SC COA NO. C01488

SMITH+GARDNER ENGINEERS

14 N. Boylan Avenue, Raleigh NC 27603 | 919.828.0577
1526 Richland St., Columbia SC 29201

SEAL

SEAL

REV.	DATE	DESCRIPTION
1	2/18/25	ADDENDUM 1

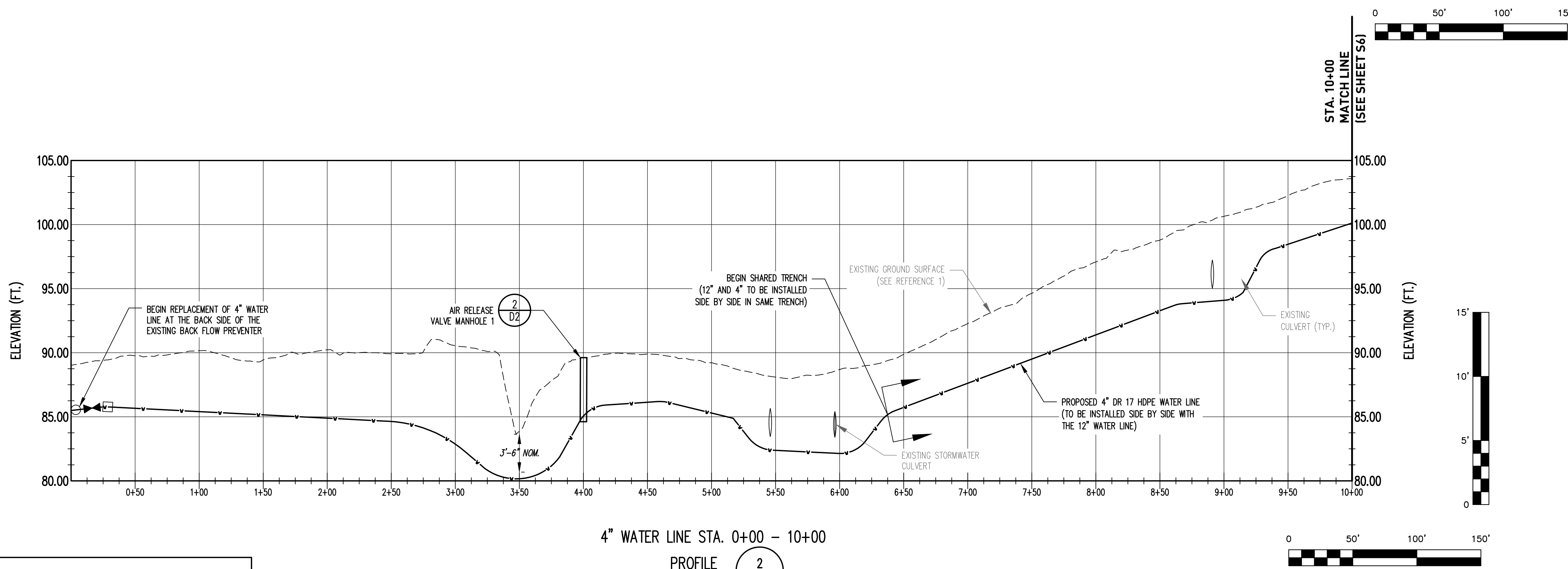
PROJECT TITLE:

**WATERLINE INSTALLATIONS
MSW TRANSFER STATION**

DRAWING TITLE:

**4 INCH WATER LINE
PLAN AND PROFILE
(SHEET 1 OF 4)**

DESIGNED: J.D.B.	PROJECT NO: CUMBERLAND 22-1
DRAWN: J.R.T.	SCALE: AS SHOWN
APPROVED: S.A.S.	DATE: DEC. 2024
FILENAME: CUMBERLAND-D0273	
SHEET NUMBER: 6	DRAWING NUMBER: S5



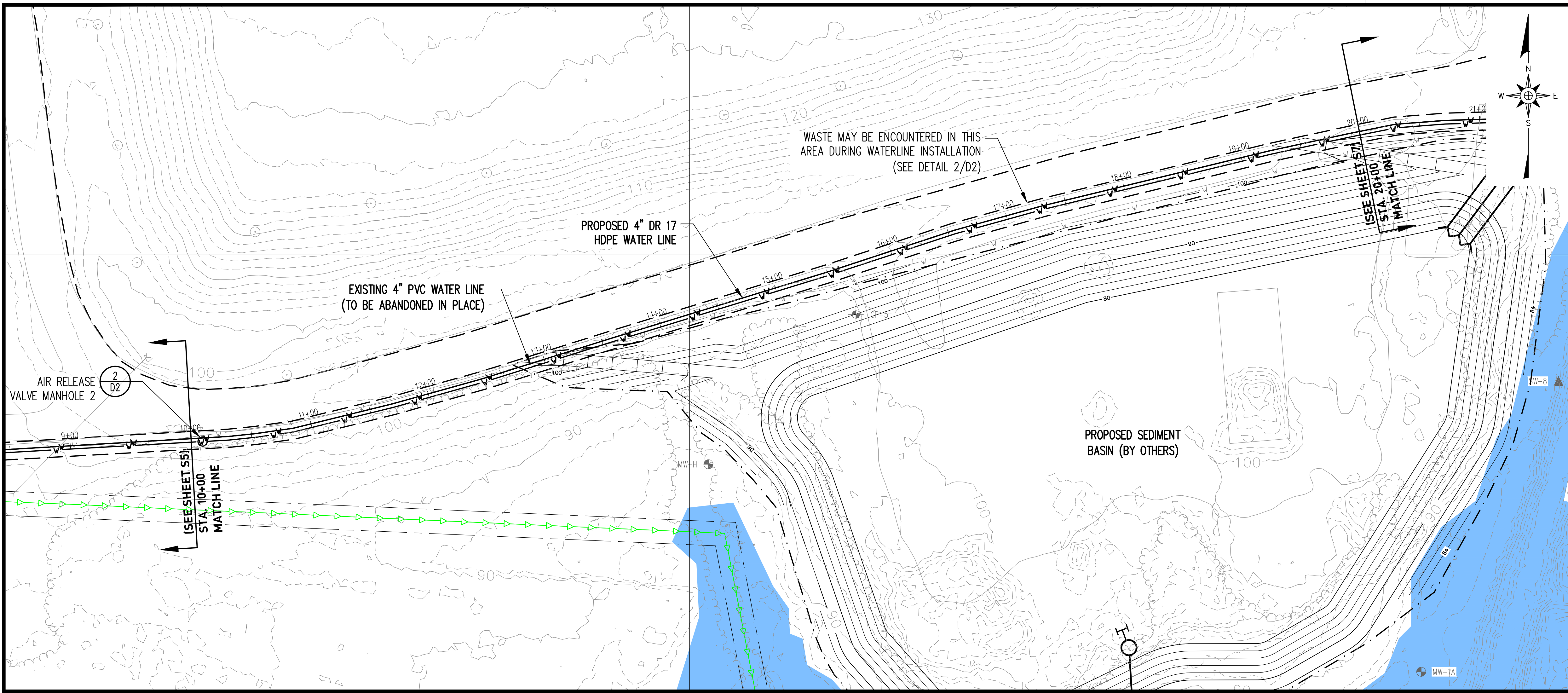
4" WATER LINE STA. 0+00 - 10+00

PROFILE 2 / S5

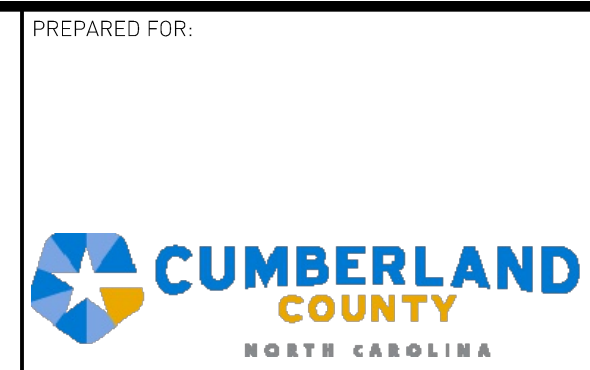
SCALE: AS SHOWN

**FOR BIDDING
NOT FOR CONSTRUCTION**

- NOTES**
1. WATER FOR CONSTRUCTION PURPOSES AVAILABLE FROM TAP ON BUILDING.
 2. WASTE MAY BE ENCOUNTERED AT ANY POINT DURING THE INSTALLATION. CONTRACTOR TO NOTIFY ENGINEER IMMEDIATELY. CONTRACTOR TO UNDERCUT AND BACKFILL AREA IN ACCORDANCE WITH DETAIL 2/D2. WASTE REMOVED SHALL BE DISPOSED OF IN THE COUNTY MSW LANDFILL CELL.



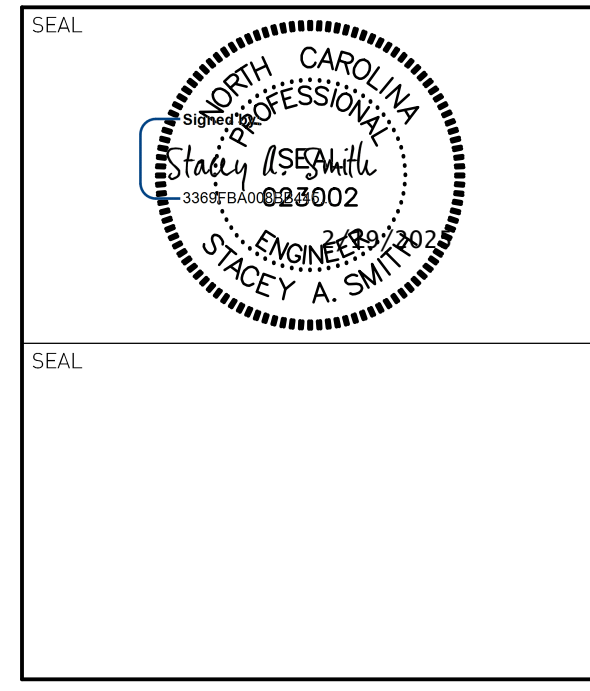
- LEGEND**
- EXISTING CONTOUR (SEE REFERENCE 1)
 - - - PROPERTY LINE (SEE REFERENCE 2)
 - - - STREAM (APPROXIMATE)
 - - - APPROXIMATE EXISTING WASTE LIMITS
 - - - PROPOSED WATER LINE
 - - - LIMIT OF FUTURE WASTE PLACEMENT
 - LIMITS OF DISTURBANCE
 - EXISTING SEWER LINE
 - EXISTING LEACHATE LINE
 - EXISTING WATER LINE
 - LFG EXISTING LANDFILL GAS LINE (SEE REFERENCES 5, 6, & 11)
 - A EXISTING COMPRESSED AIR LINE (SEE REFERENCES 5, 6, & 11)
 - C EXISTING CONDENSATE LINE (SEE REFERENCES 5, 6, & 11)
 - AC EXISTING COMPRESSED AIR AND CONDENSATE LINE (SEE REFERENCES 5, 6, & 11)
 - FM EXISTING FORECRAIN (SEE REFERENCES 5, 6, & 11)
 - FINAL COVER LIMITS (SEE REFERENCE 11)
 - FLOOD ZONE AE (SEE REFERENCE 9)
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 - LEACHATE MANHOLE
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 - BACKFLOW PREVENTER



PREPARED FOR: NC LIC. NO. F-1370 (ENGINEERING)
SC COA NO. C01488

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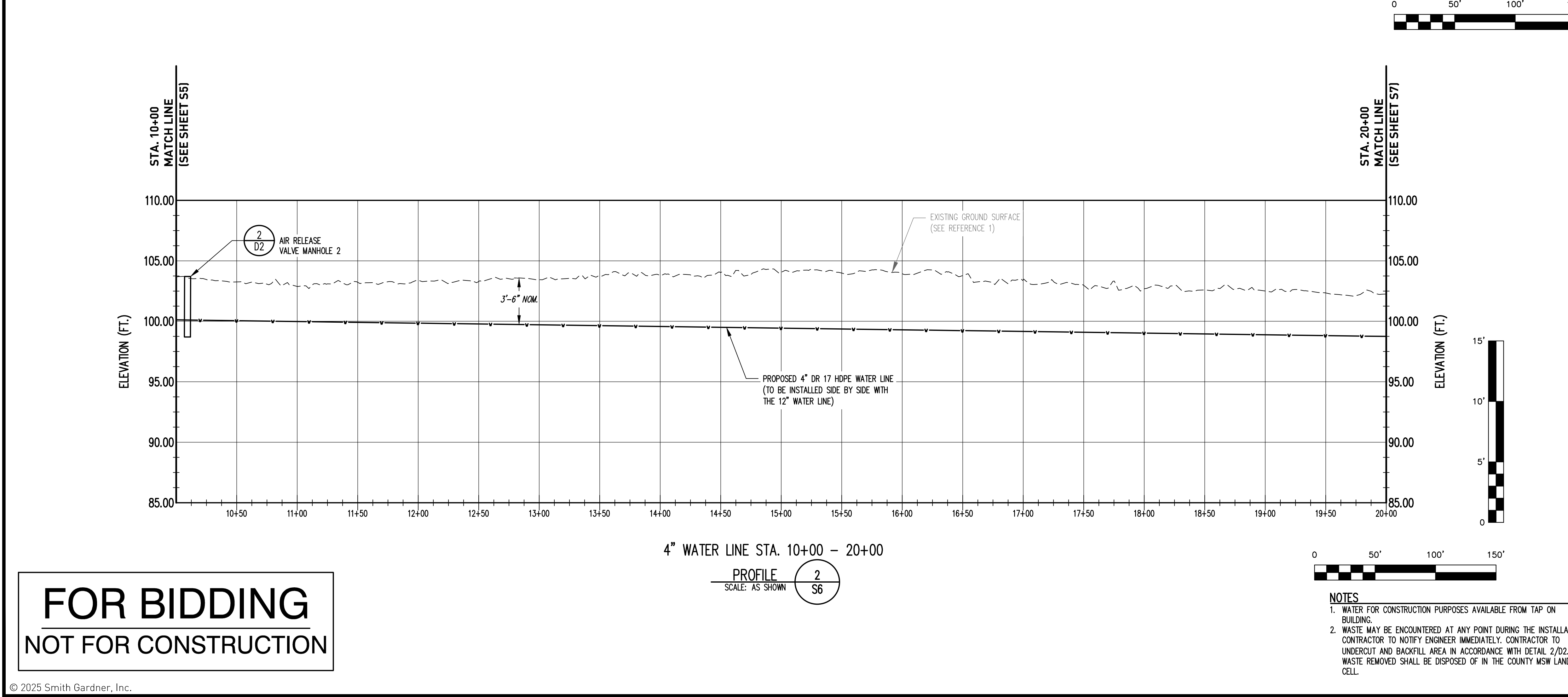
REV.	DATE	DESCRIPTION
1	2/18/25	ADDENDUM 1

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PROJECT TITLE:
**WATERLINE INSTALLATIONS
MSW TRANSFER STATION**

DRAWING TITLE:
**4 INCH WATER LINE
PLAN AND PROFILE
(SHEET 2 OF 4)**

DESIGNED: J.D.B.	PROJECT NO: CUMBERLAND 22-1
DRAWN: J.R.T.	SCALE: AS SHOWN
APPROVED: S.A.S.	DATE: DEC. 2024
FILENAME: CUMBERLAND-00273	
SHEET NUMBER: 7	DRAWING NUMBER: S6



**FOR BIDDING
NOT FOR CONSTRUCTION**

