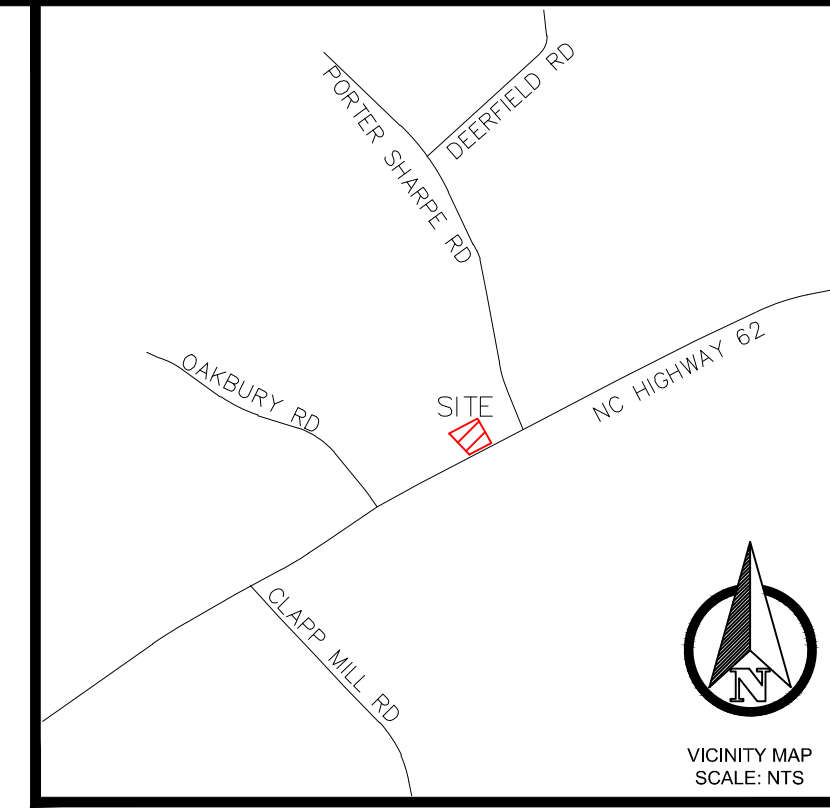
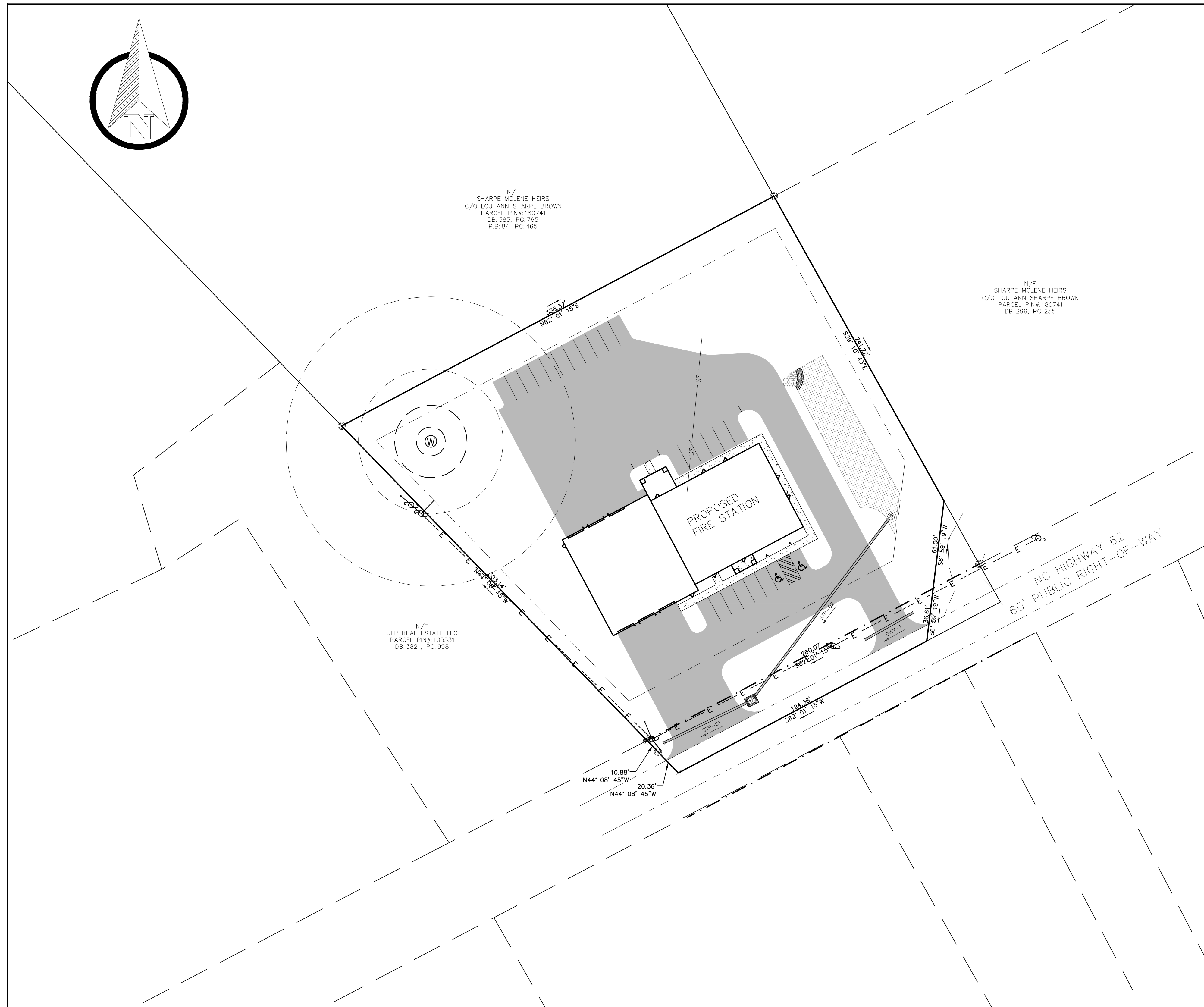


E. M. HOLT FIRE STATION



GREEN MOUNTAIN ENGINEERING, PLLC
 1A WENDY CT
 GREENSBORO, NC 27409
 Tel: 336.294.9394
 CERTIFICATE #P-0826
 www.greenmountainengineers.com

SEALS:

PRELIMINARY PLANS NOT RELEASED FOR CONSTRUCTION

APPLICANT/DEVELOPER:

MWM CONSTRUCTION, INC..
 CONTACT:
 1911 SULLIVAN STREET
 GREENSBORO, NC 27405
 EMAIL:
 Phone: (336)-451-6593

OVERALL SITE DATA:

PARCEL INFORMATION:

- PIN #: 105534 / 8842-74-6628
- PARCEL ADDRESS: 5535 S NC 62 HWY
- DEED BOOK/PAGE: 4610 / 790
- PLAT BOOK/PAGE: 84/465
- RECORDED ACREAGE: 2.18 AC
- CURRENT ZONING: N/A
- PROPOSED ZONING: NO CHANGE
- CURRENT LAND USE: VACANT
- PROPOSED LAND USE: FIRE STATION
- CURRENT NUMBER OF LOTS: 1
- PROPOSED NUMBER OF LOTS: 1
- DENSITY ALLOWED: N/A
- DENSITY SHOWN: N/A

OWNER INFORMATION:

E. M. HOLT COMMUNITY VOLUNTEER
 FIRE DEPARTMENT
 PO BOX 175
 ALAMANCE, NC 27201
 CONTACT:

PARKING REQUIREMENTS:

OFFICE: 1 SPACE/200 SF USED BY PUBLIC, PLUS 1 SPACE/600 SF NOT USED BY PUBLIC.
 => 8,640 SF, NOT OPEN TO PUBLIC = 15 REQUIRED SPACES PROVIDED: 24 SPACES INCLUDING 1 "VAN ACCESSIBLE" SPACE
 1 BICYCLE SPACE PER 5,000 SF GFA => 2 BICYCLE SPACES REQUIRED
 2 BICYCLE SPACES PROVIDED.

SURVEY INFORMATION:

BOUNDARY AND TOPOGRAPHIC SURVEY PROVIDED BY CAROLINA CORNERSTONE SURVEYING INC..

WATERSHED:

DESIGNATED WATERSHED: GENERAL
 ALLOWABLE BUILT UPON AREA (BUA): 75%
 EXISTING BUILT UPON AREA (BUA): 4,321 SF
 PERCENTAGE OF EXISTING BUA: 4.59%
 PROPOSED BUILT UPON AREA (BUA): 42,253 SqFt
 PERCENTAGE OF PROPOSED BUA: 44.50%
 DISTURBED AREA: 2.10 ± AC

SURFACE WATER CLASSIFICATIONS:

STREAM INDEX: 16-19-7
 STREAM NAME: Gum Creek
 DESCRIPTION: From source to Big Alamance Creek
 CLASSIFICATION: WS-VNSW
 DATE OF CLASSIFICATION: August 10, 2009
 RIVER BASIN: Cape Fear

FLOODPLAIN DATA:

THIS SITE IS NOT LOCATED WITH IN A SPECIAL FLOOD HAZARD AREA (SFHA) PER FLOOD MAP 3710884200K, PANEL 370001, MAP REVISED JUNE 18, 2007.

INFRASTRUCTURE:

SEWER: SEPTIC
 WATER: WELL

WETLANDS:

NO WETLANDS EXIST WITHIN THE PROPERTY BOUNDARY ACCORDING TO AVAILABLE USGS MAPS, SCS MAPS, AND A VISUAL INSPECTION.

SOILS DATA:

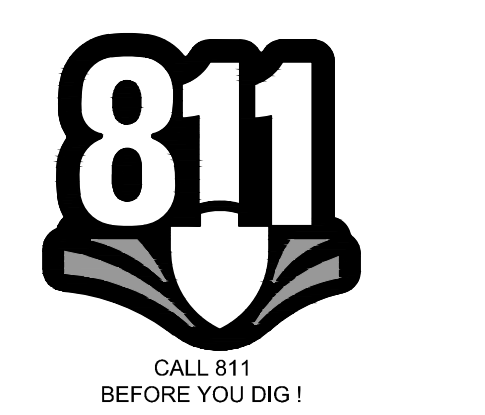
CnB2 - CULLEN CLAY LOAM, 2-6% SLOPES, MODERATELY ERODED, HYDROLOGIC CLASSIFICATION "B".

STATE: NORTH CAROLINA
 COUNTY: ALAMANCE

E. M. HOLT FIRE STATION

MUNICIPALITY: BURLINGTON
 TOWNSHIP: COBLE

SITE AREA: 2.18± ACRES
PARCEL ID: 105534
DESIGNED BY: GME
CHECKED BY: GME
DATE: 2025.DECEMBER.11
PROJECT: 25-037
REVISIONS:



SHEET INDEX

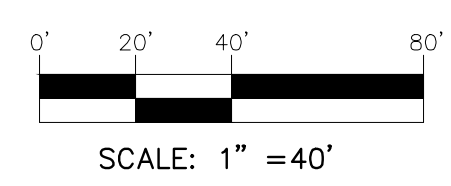
COVER SHEET.....	C-0.00
EXISTING CONDITIONS.....	C-1.00
SITE LAYOUT AND UTILITIES PLAN.....	C-2.00
GRADING PLAN.....	C-3.00
ESC CONTROL PLAN: INITIAL CONDITIONS.....	C-4.00
ESC CONTROL PLAN: GRADED CONDITIONS.....	C-4.01
ESC DETAILS PAGE 1.....	C-4.02
ESC DETAILS PAGE 2.....	C-4.03
ESC NCGOI REQUIREMENTS.....	C-4.04
SITE DETAILS.....	C-5.00
STORMWATER - DRAINAGE CALCULATIONS.....	C-6.00

SHEET TITLE:

PROJECT COVER SHEET

SHEET NO.:

C-0.00



OVERALL SITE DATA:

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PO BOX 175
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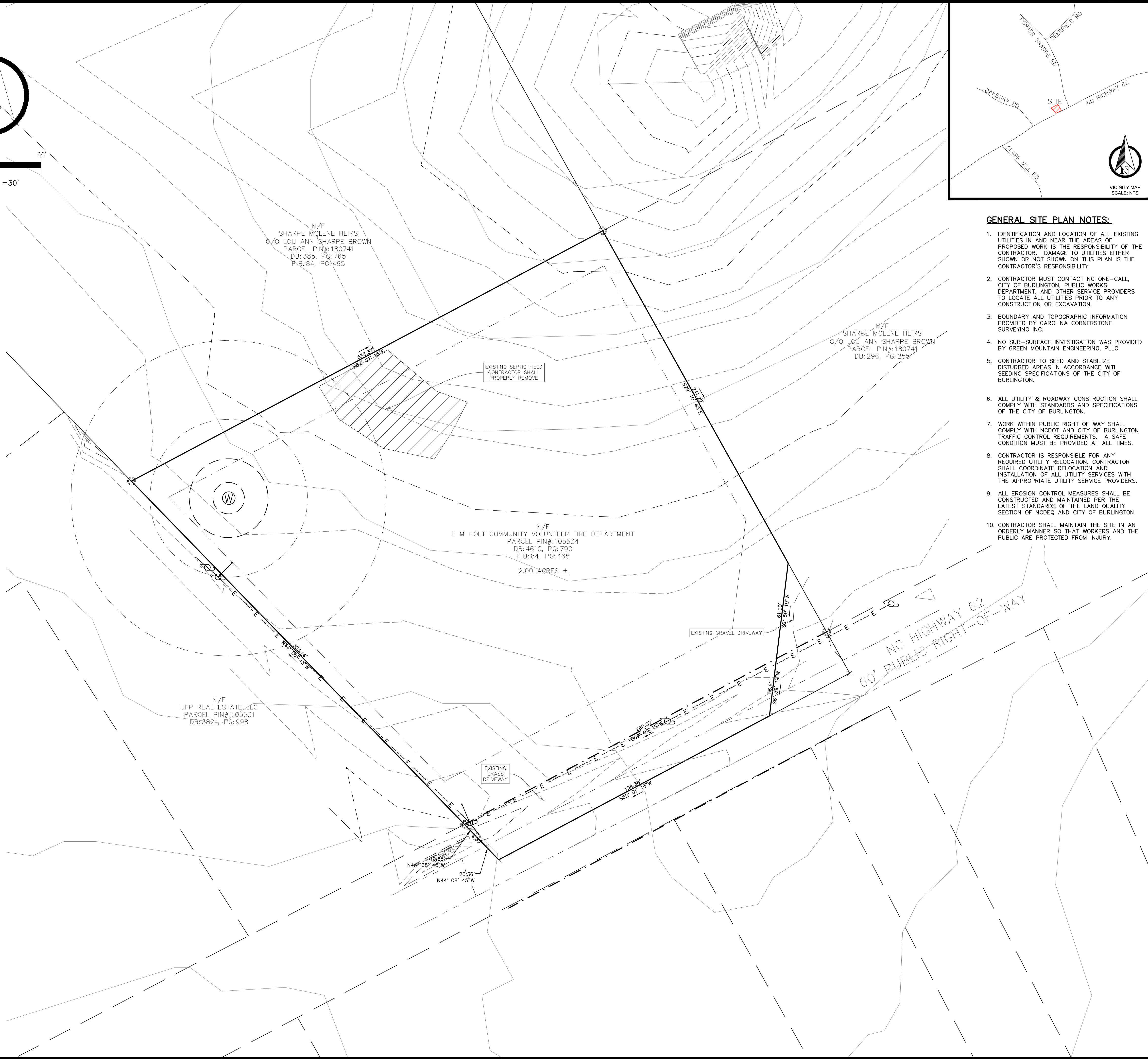
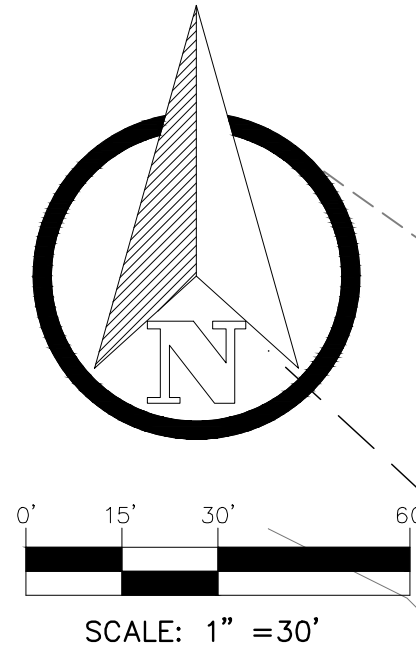
SEWER: SEPTIC
WATER: WELL

WETLANDS:

NO WETLANDS EXIST WITHIN THE PROPERTY BOUNDARY ACCORDING TO AVAILABLE USGS MAPS, SCS MAPS, AND A VISUAL INSPECTION.

SOILS DATA:

CnB2 - CULLEN CLAY LOAM, 2-6% SLOPES, MODERATELY ERODED, HYDROLOGIC CLASSIFICATION "B".



GENERAL SITE PLAN NOTES:

1. IDENTIFICATION AND LOCATION OF ALL EXISTING UTILITIES IN AND NEAR THE AREAS OF PROPOSED WORK IS THE RESPONSIBILITY OF THE CONTRACTOR. DAMAGE TO UTILITIES EITHER SHOWN OR NOT SHOWN ON THIS PLAN IS THE CONTRACTOR'S RESPONSIBILITY.
2. CONTRACTOR MUST CONTACT NC ONE-CALL, CITY OF BURLINGTON, PUBLIC WORKS DEPARTMENT, AND OTHER SERVICE PROVIDERS TO LOCATE ALL UTILITIES PRIOR TO ANY CONSTRUCTION OR EXCAVATION.
3. BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY CAROLINA CORNERSTONE SURVEYING INC.
4. NO SUB-SURFACE INVESTIGATION WAS PROVIDED BY GREEN MOUNTAIN ENGINEERING, PLLC.
5. CONTRACTOR TO SEED AND STABILIZE DISTURBED AREAS IN ACCORDANCE WITH SEEDING SPECIFICATIONS OF THE CITY OF BURLINGTON.
6. ALL UTILITY & ROADWAY CONSTRUCTION SHALL COMPLY WITH STANDARDS AND SPECIFICATIONS OF THE CITY OF BURLINGTON.
7. WORK WITHIN PUBLIC RIGHT OF WAY SHALL COMPLY WITH NCDOT AND CITY OF BURLINGTON TRAFFIC CONTROL REQUIREMENTS. A SAFE CONDITION MUST BE PROVIDED AT ALL TIMES.
8. CONTRACTOR IS RESPONSIBLE FOR ANY REQUIRED UTILITY RELOCATION. CONTRACTOR SHALL COORDINATE RELOCATION AND INSTALLATION OF ALL UTILITY SERVICES WITH THE APPROPRIATE UTILITY SERVICE PROVIDERS.
9. ALL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED PER THE LATEST STANDARDS OF THE LAND QUALITY SECTION OF NCDOT AND CITY OF BURLINGTON.
10. CONTRACTOR SHALL MAINTAIN THE SITE IN AN ORDERLY MANNER SO THAT WORKERS AND THE PUBLIC ARE PROTECTED FROM INJURY.



1A WENDY CT
GREENSBORO, NC 27409
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CERTIFICATE #P-0826
www.greenmountainengineers.com

SEALS:



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CONTACT:
1911 SULLIVAN STREET
GREENSBORO, NC 27405
EMAIL:
Phone: (336)-451-6593

E. M. HOLT FIRE STATION

STATE: NORTH CAROLINA
COUNTY: ALAMANCE

MUNICIPALITY: BURLINGTON
TOWNSHIP: COBLE

SITE AREA: 2.18± ACRES

PARCEL ID: 105534

DESIGNED BY: GME

CHECKED BY: GME

DATE: 2025.DECEMBER.11

PROJECT: 25-037

REVISIONS:



SHEET TITLE:
EXISTING
CONDITIONS

SHEET NO.:

C-1.00

- LEGEND:**
- EIP = EXISTING IRON PIPE
 - ER = EXISTING IRON REBAR
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 - N/F = NOW OR FORMERLY
 - SURVEYED BOUNDARY LINE
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 - RW LINE
 - EXISTING OVER HEAD ELECTRIC LINE
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 - CnB2** ADJACENT PROPERTY LINE

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E M HOLT COMMUNITY VOLUNTEER
FIRE DEPARTMENT
PO BOX 175
ALAMANCE, NC 27201
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JUNE 18, 2007.

INFRASTRUCTURE:

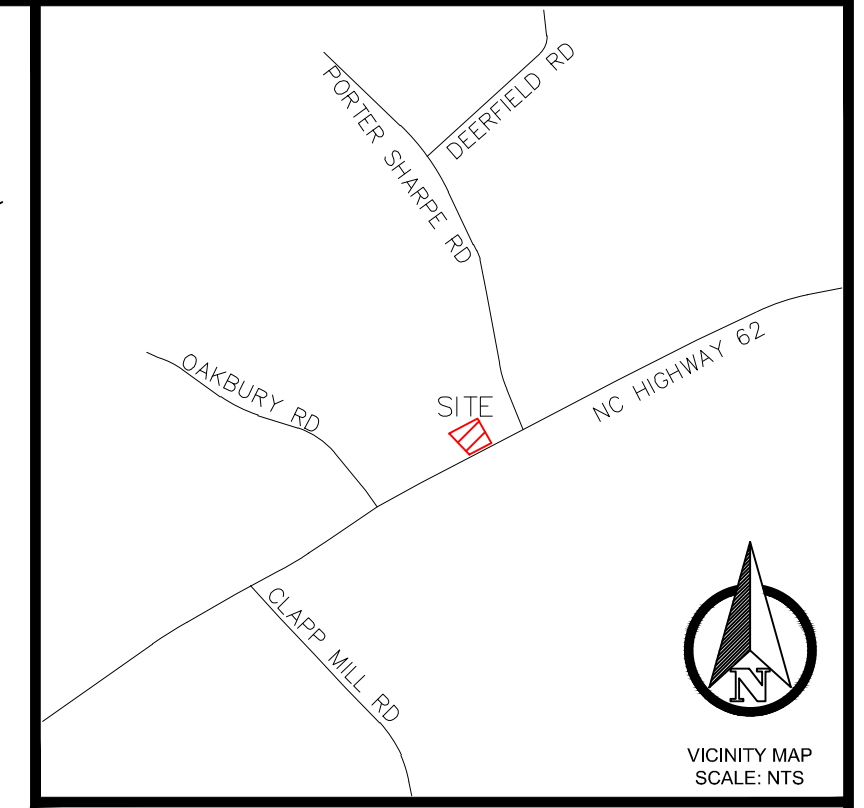
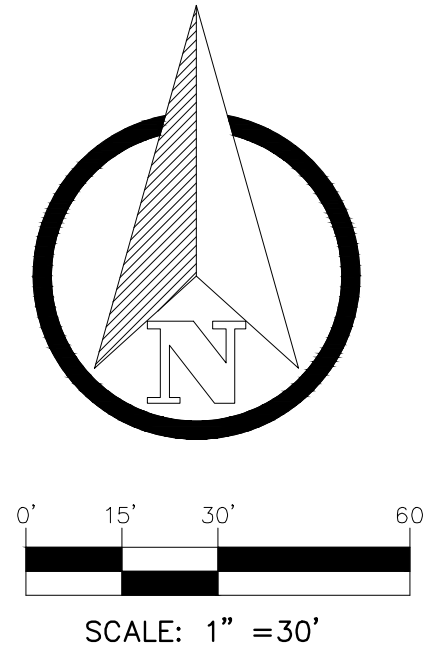
SEWER: SEPTIC
WATER: WELL

WETLANDS:

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ACCORDING TO AVAILABLE USGS MAPS, SCS MAPS,
AND A VISUAL INSPECTION.

SOILS DATA:

CnB2 - CULLEN CLAY LOAM, 2-6% SLOPES,
MODERATELY ERODED, HYDROLOGIC CLASSIFICATION "B".



GREEN MOUNTAIN ENGINEERING, PLLC
1A WENDY CT
GREENSBORO, NC 27409
Tel: 336.294.9394
CERTIFICATE #P-0826
www.greenmountainengineers.com

SEALS:

PRELIMINARY PLANS NOT RELEASED FOR CONSTRUCTION

APPLICANT/DEVELOPER:

M/M CONSTRUCTION, INC..
CONTACT:
1911 SULLIVAN STREET
GREENSBORO, NC 27405
EMAIL:
Phone: (336)-451-6593

E. M. HOLT FIRE STATION

STATE: NORTH CAROLINA
COUNTY: ALAMANCE

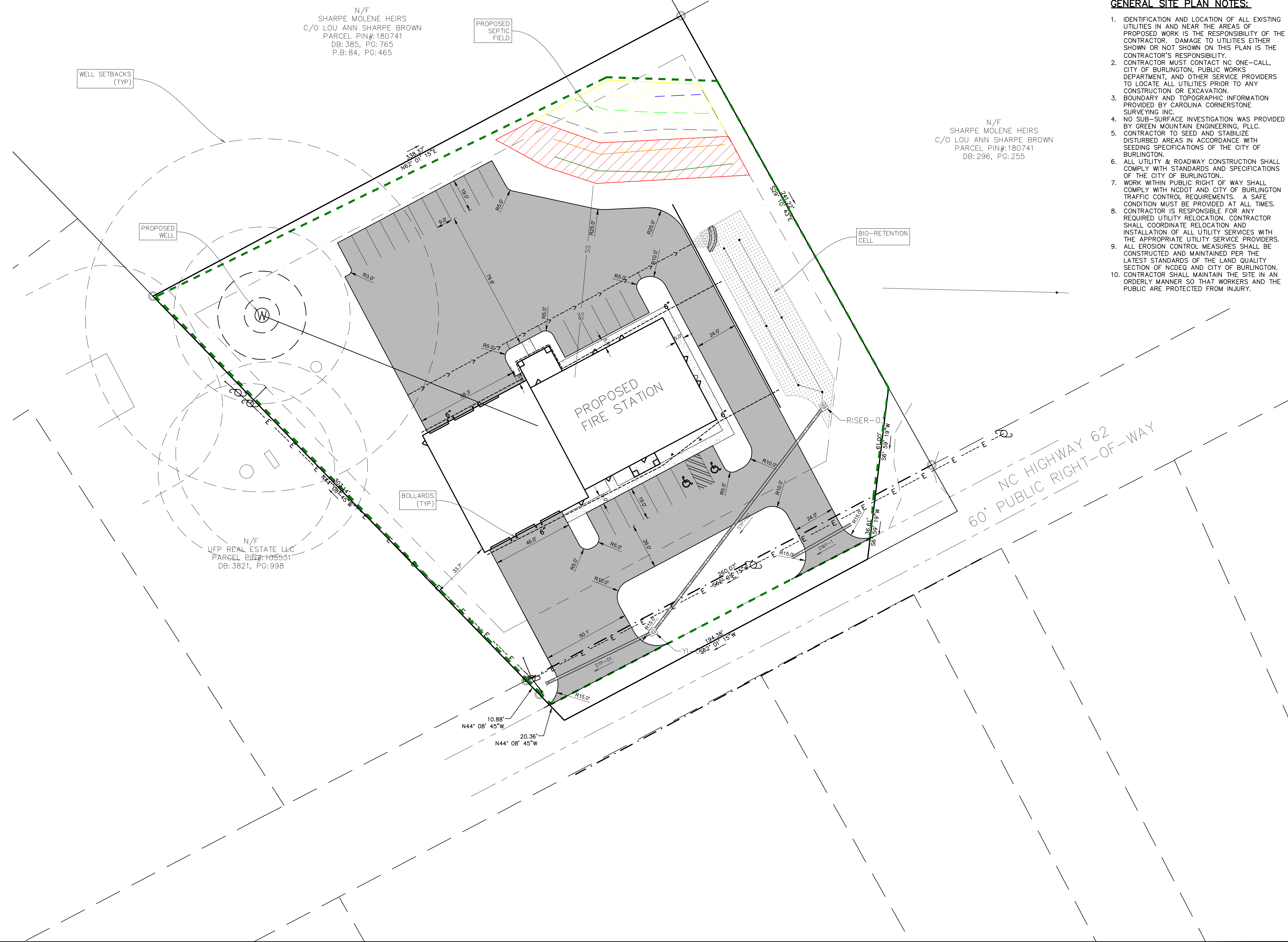
MUNICIPALITY: BURLINGTON
TOWNSHIP: COBLE

SITE AREA: 2.18± ACRES
PARCEL ID: 105534
DESIGNED BY: GME
CHECKED BY: GME
DATE: 2025.DECEMBER.11
PROJECT: 25-037
REVISIONS:



SHEET TITLE:
PROJECT COVER SHEET

SHEET NO.:
C-2.00



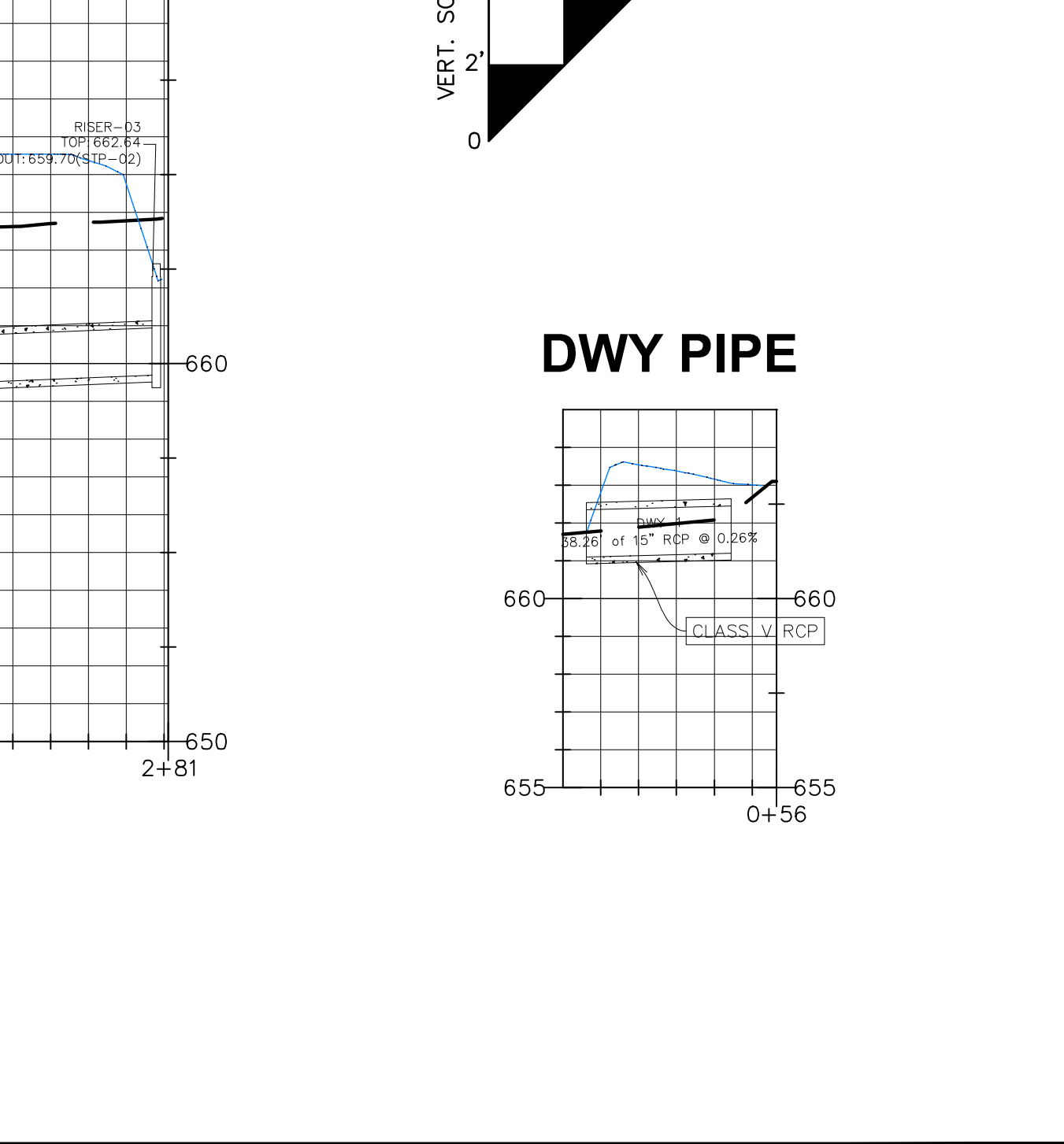
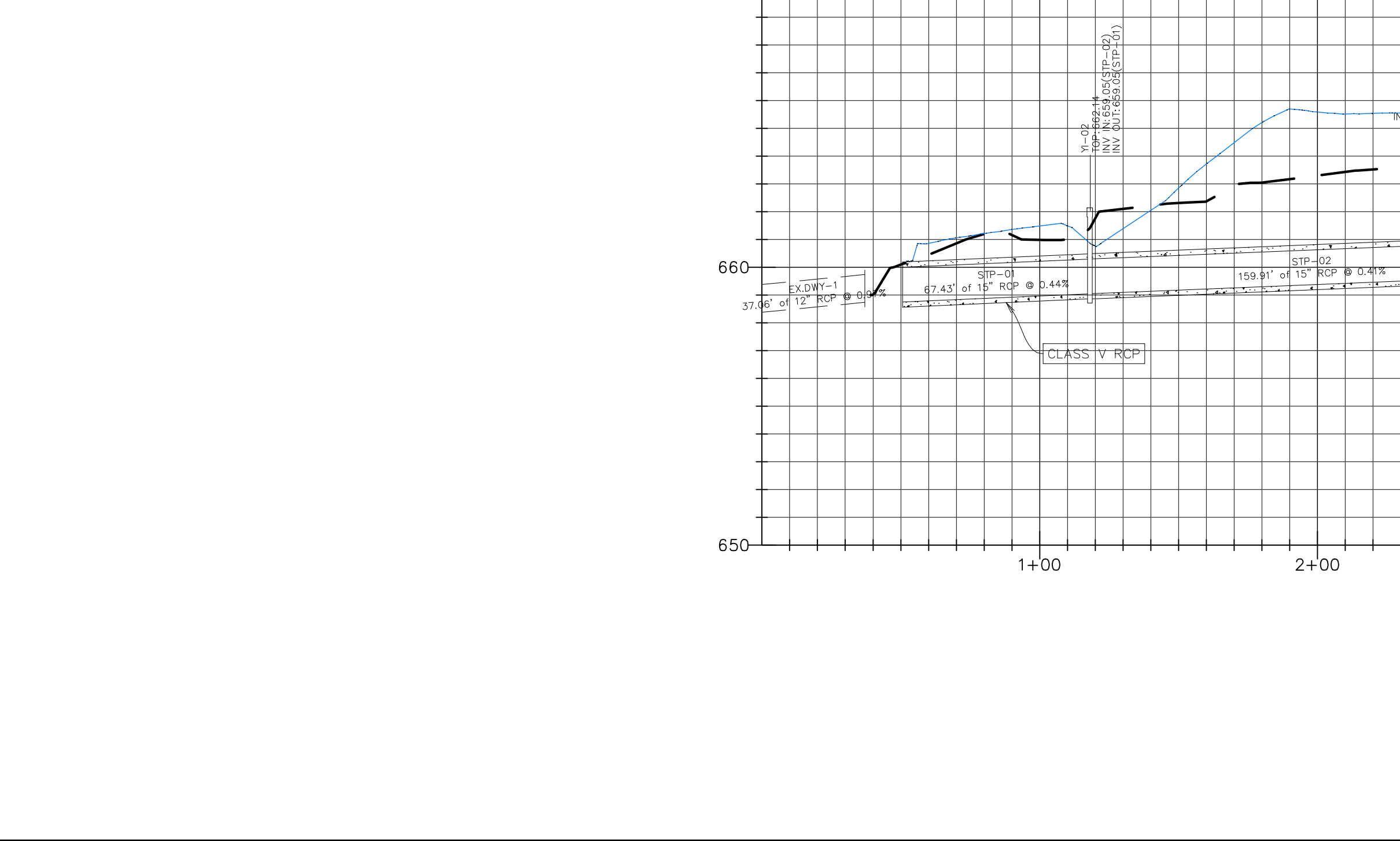
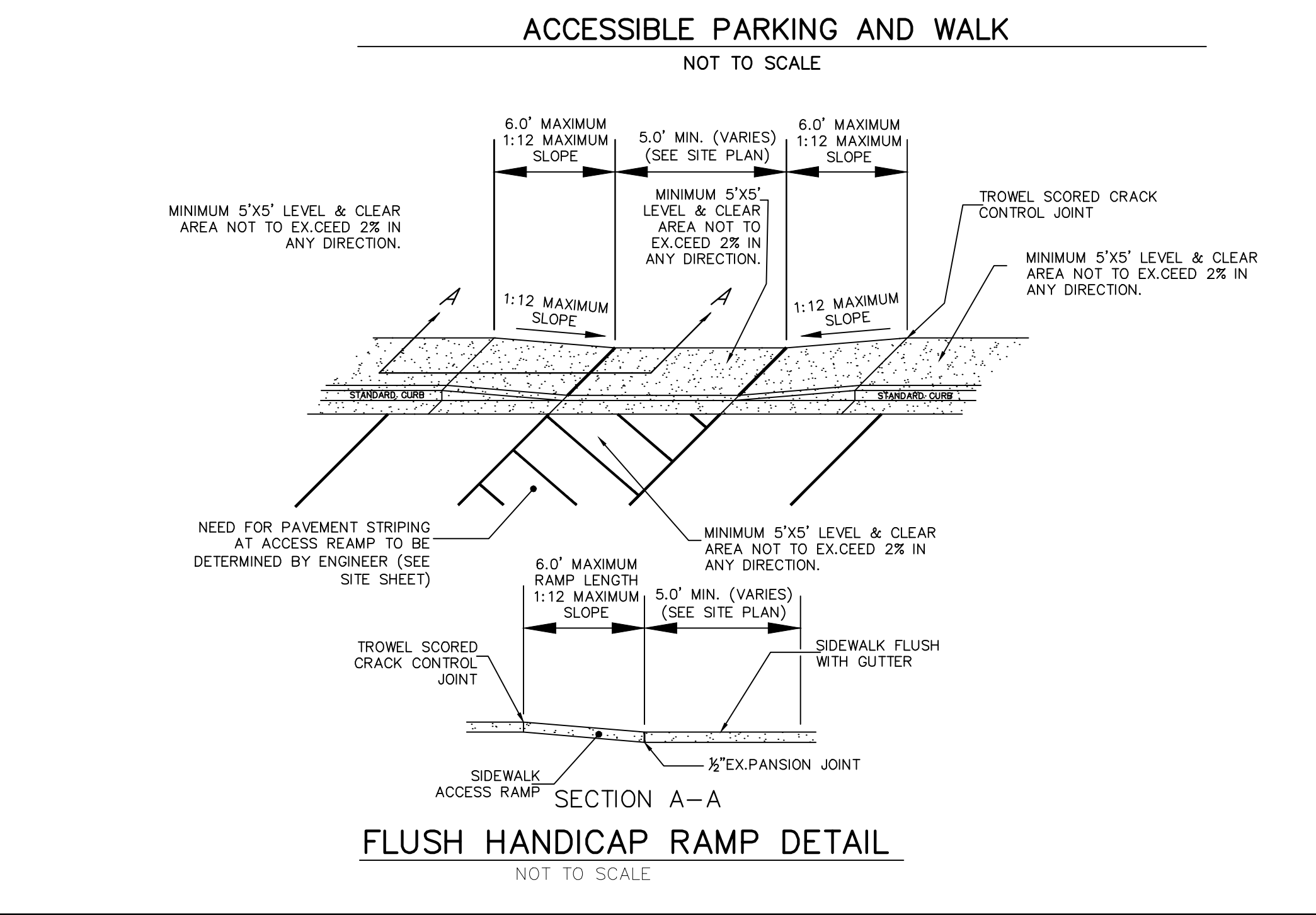
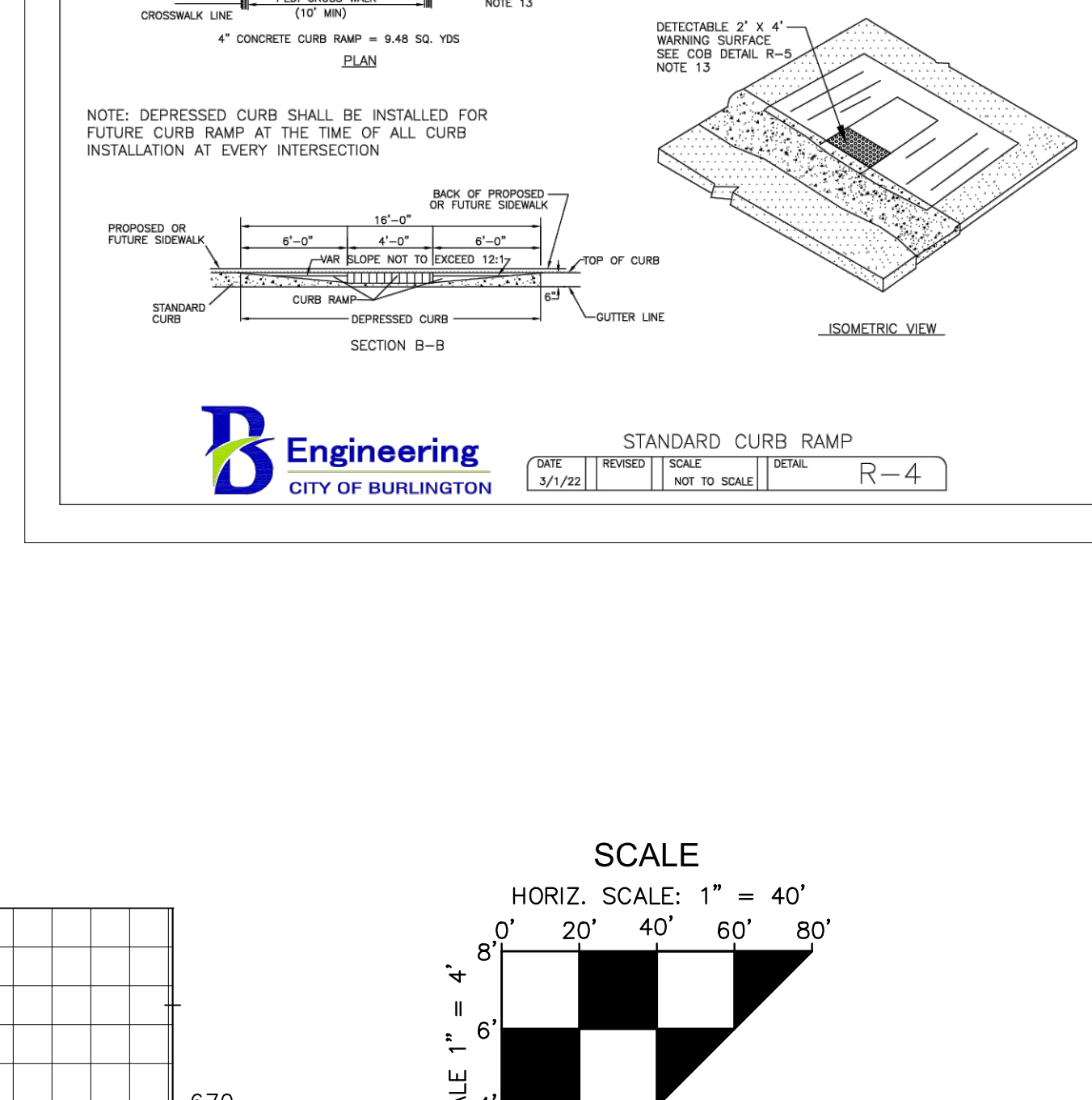
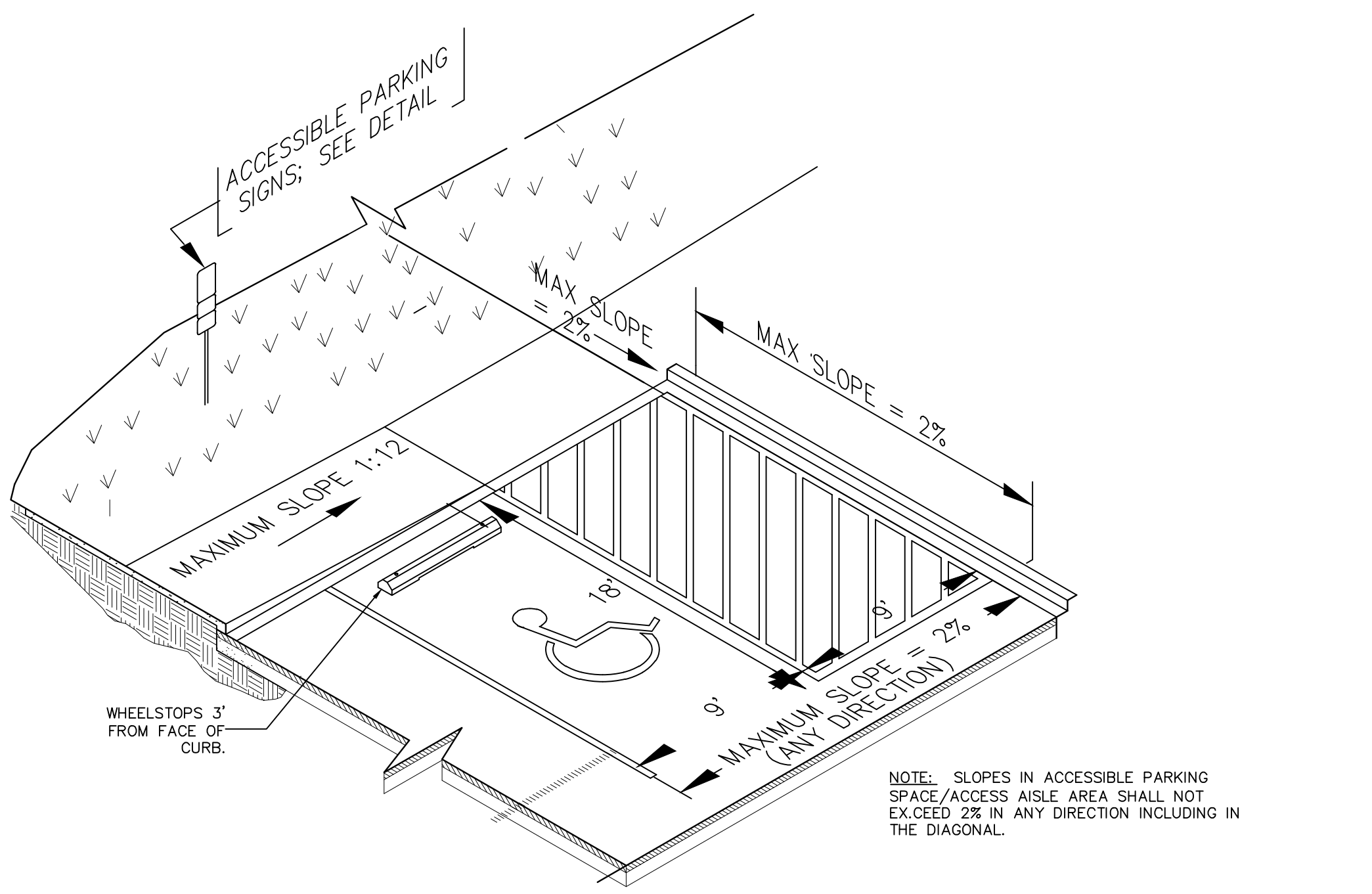
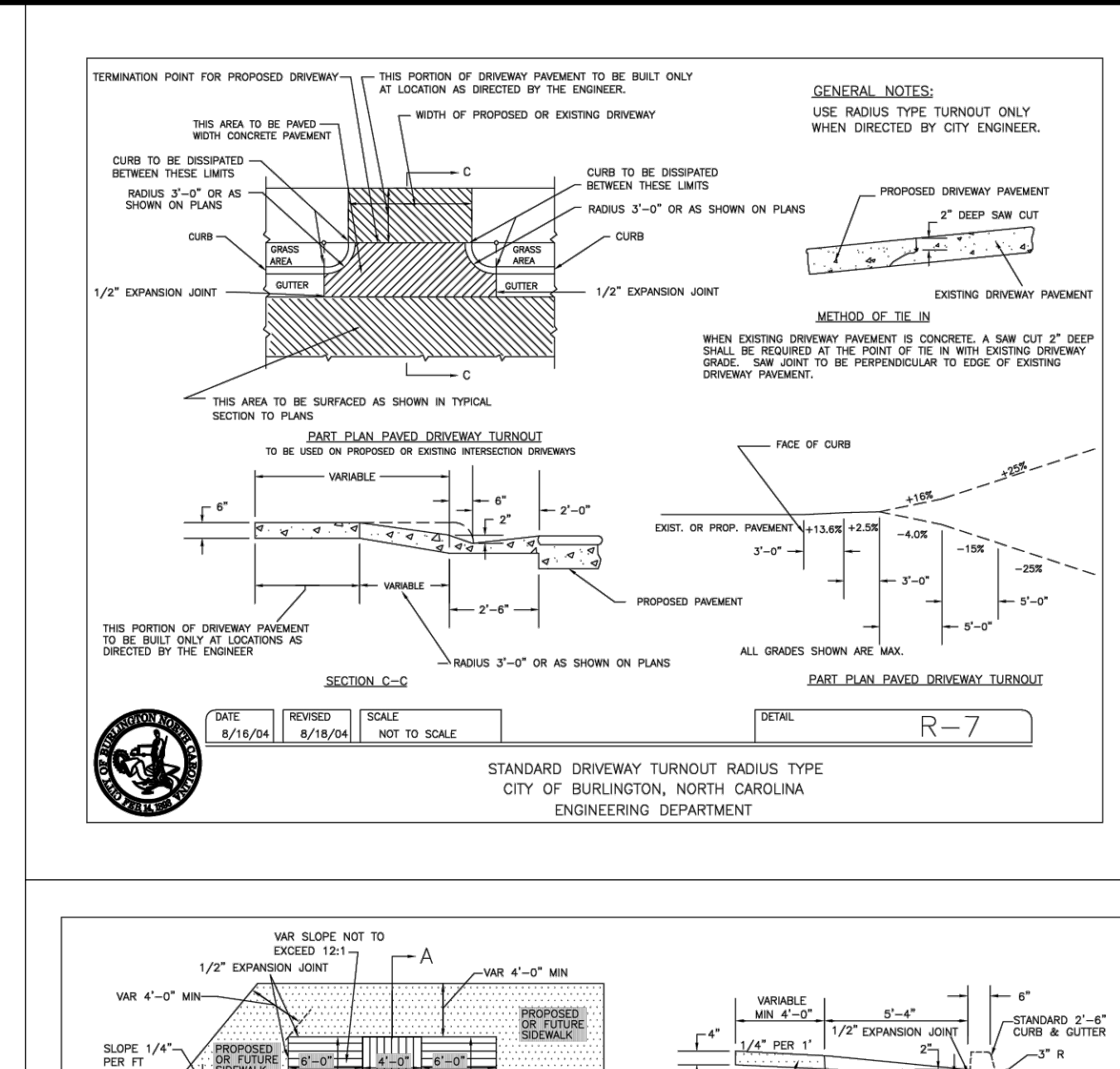
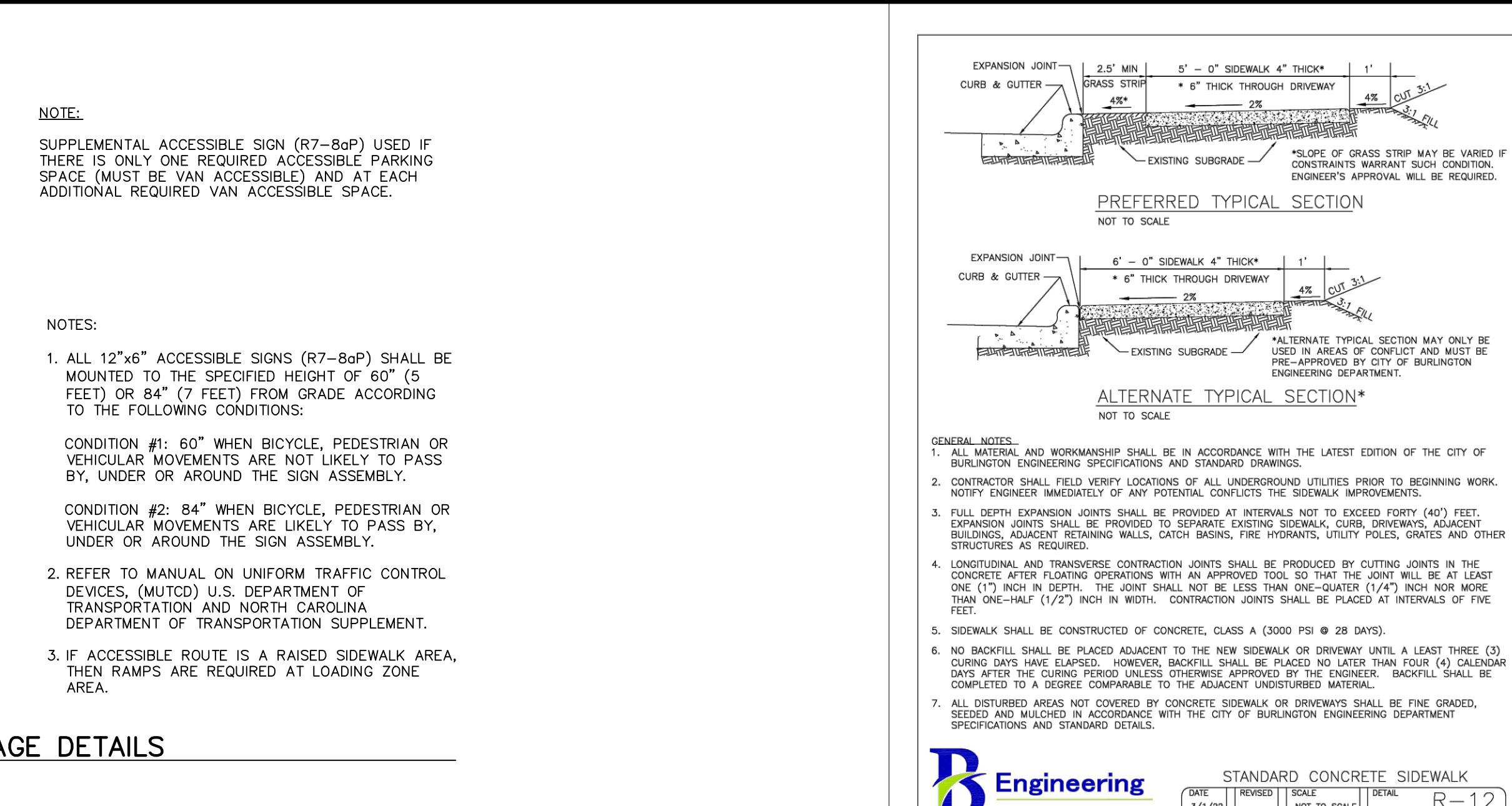
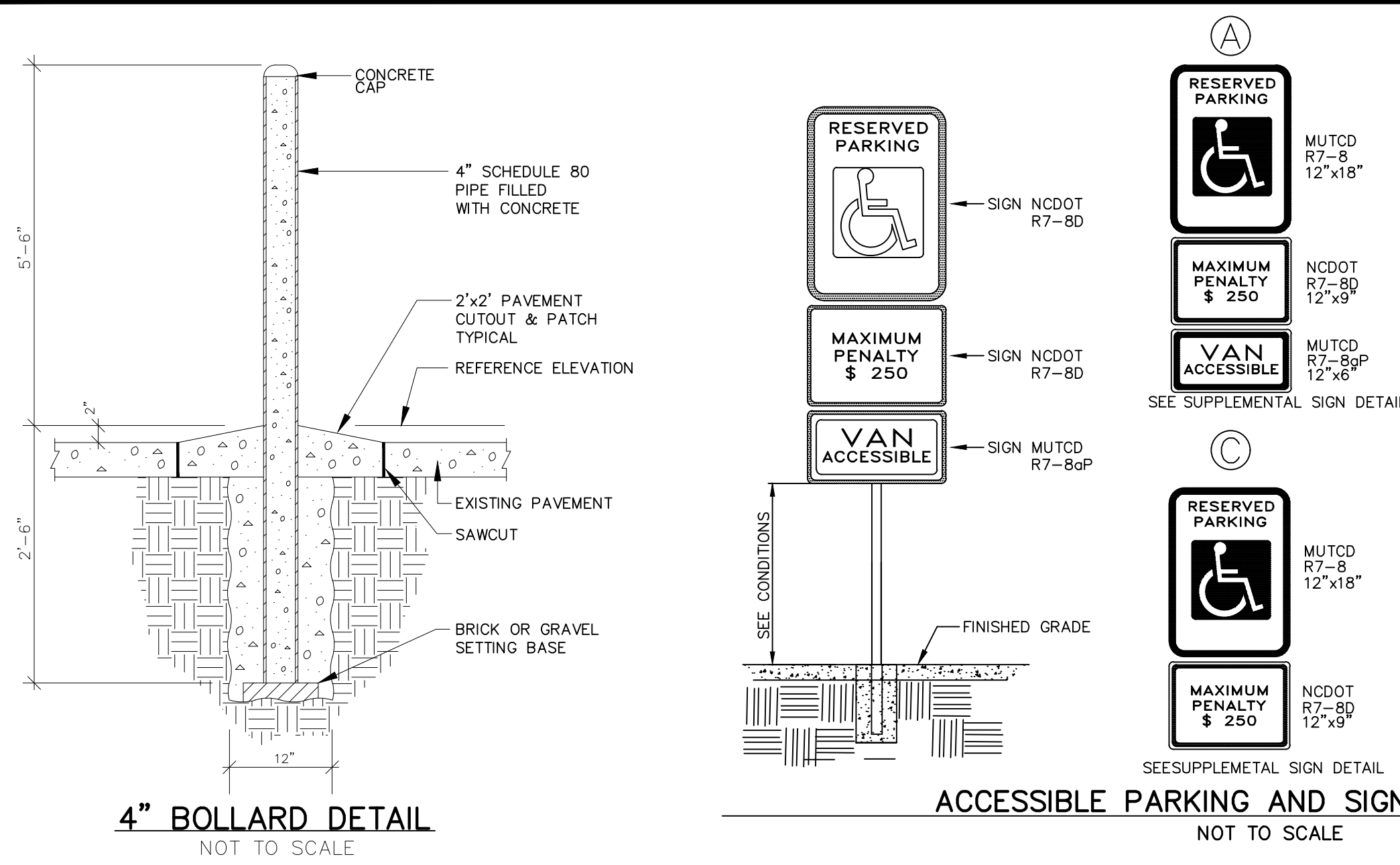
LEGEND:

- EIP = EXISTING IRON PIPE
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CnB2 ADJACENT PROPERTY LINE

PROPOSED ASPHALT AREA

PROPOSED GRAVEL AREA



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SEALS:
NORTH CAROLINA PROFESSIONAL ENGINEER
SEAL # 29899
1984
JOSEPH V. O'BRIEN

PRELIMINARY PLANS NOT RELEASED FOR CONSTRUCTION

APPLICANT/DEVELOPER:
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E. M. HOLT FIRE STATION
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SITE AREA: 2.18± ACRES
PARCEL ID: 105534
DESIGNED BY: GME
CHECKED BY: GME
DATE: 2025.DECEMBER.11
PROJECT: 25-037
REVISIONS:

811
CALL 811 BEFORE YOU DIG!

SHEET TITLE: SITE DETAILS

SHEET NO.: C-5.00

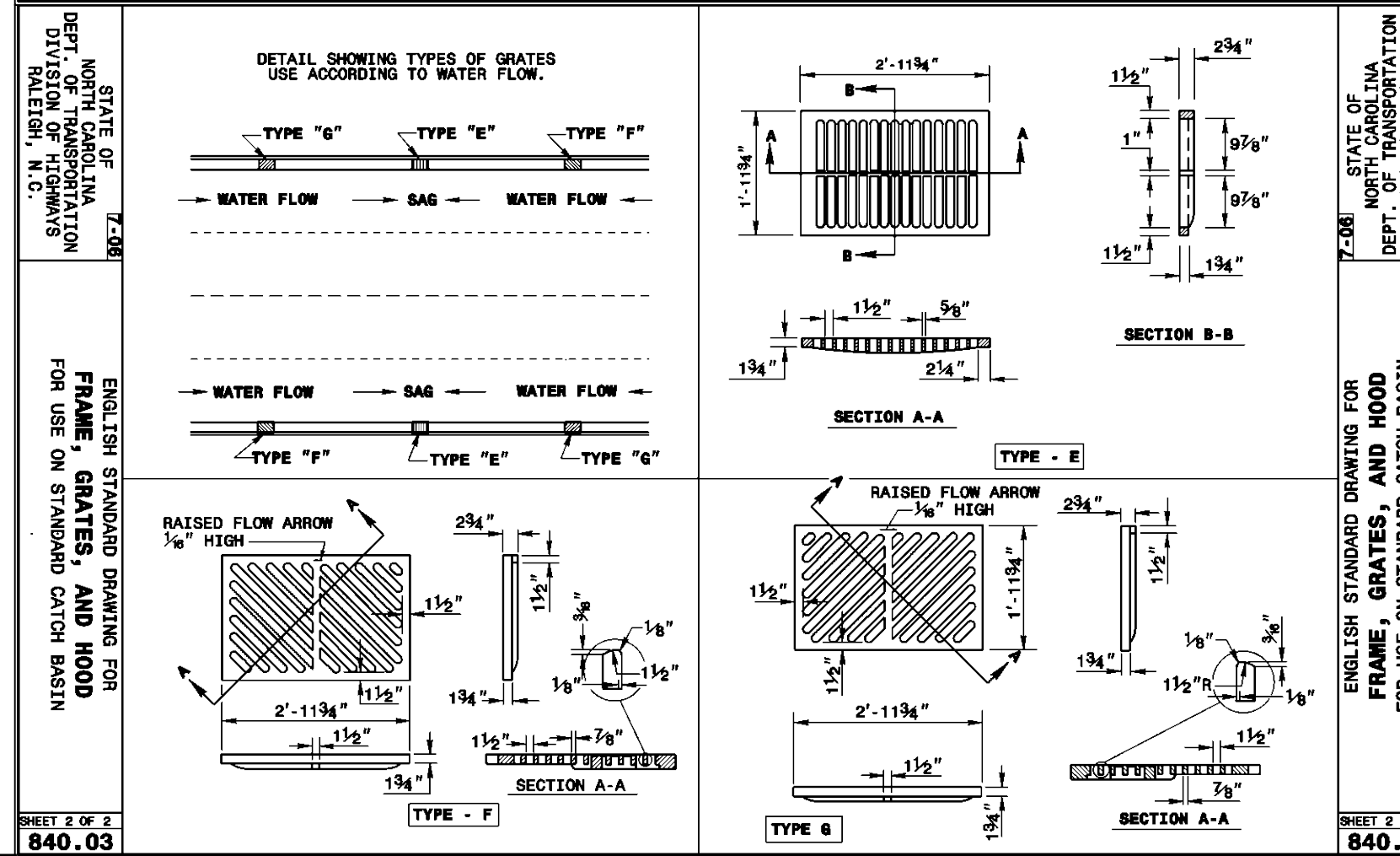
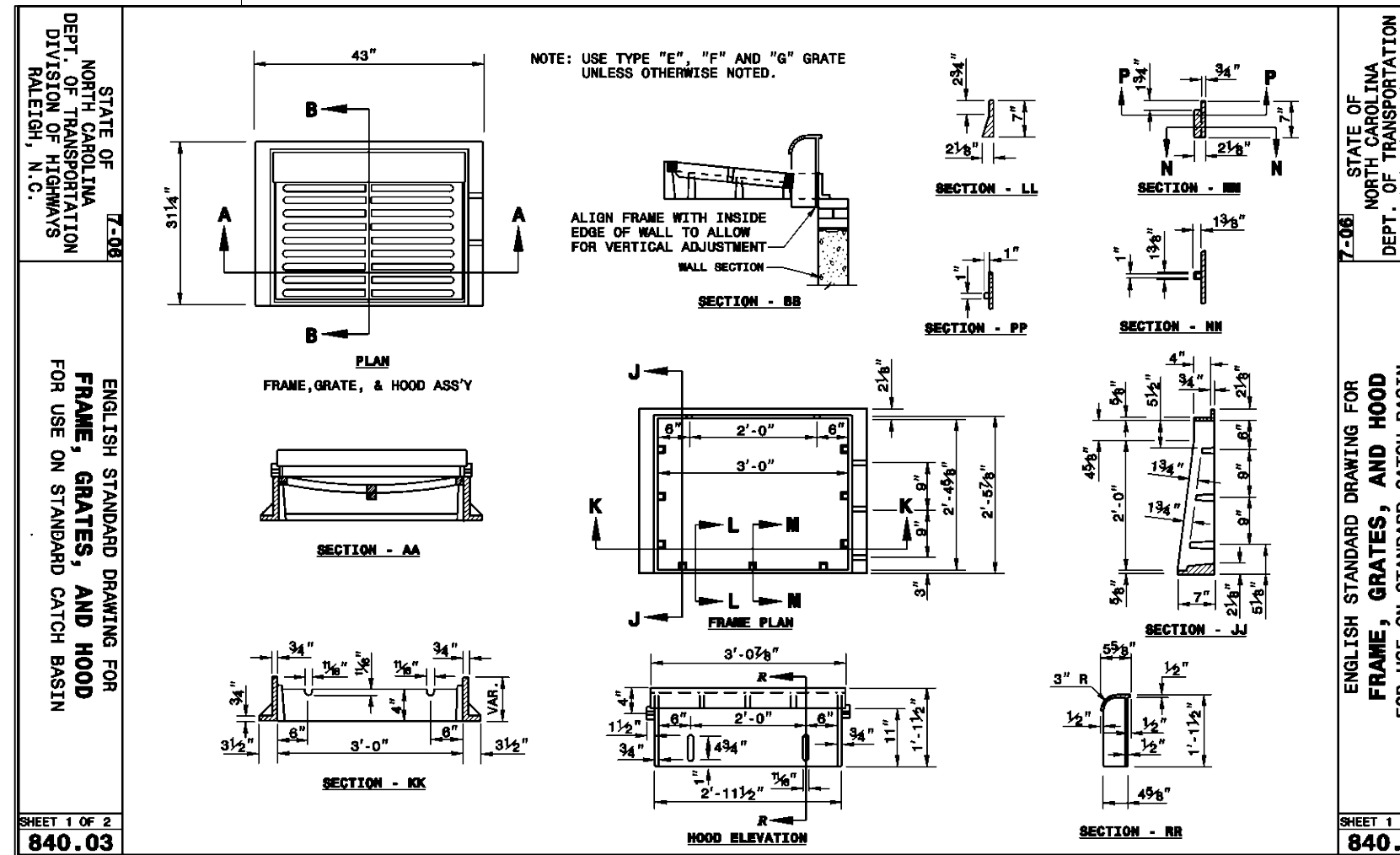
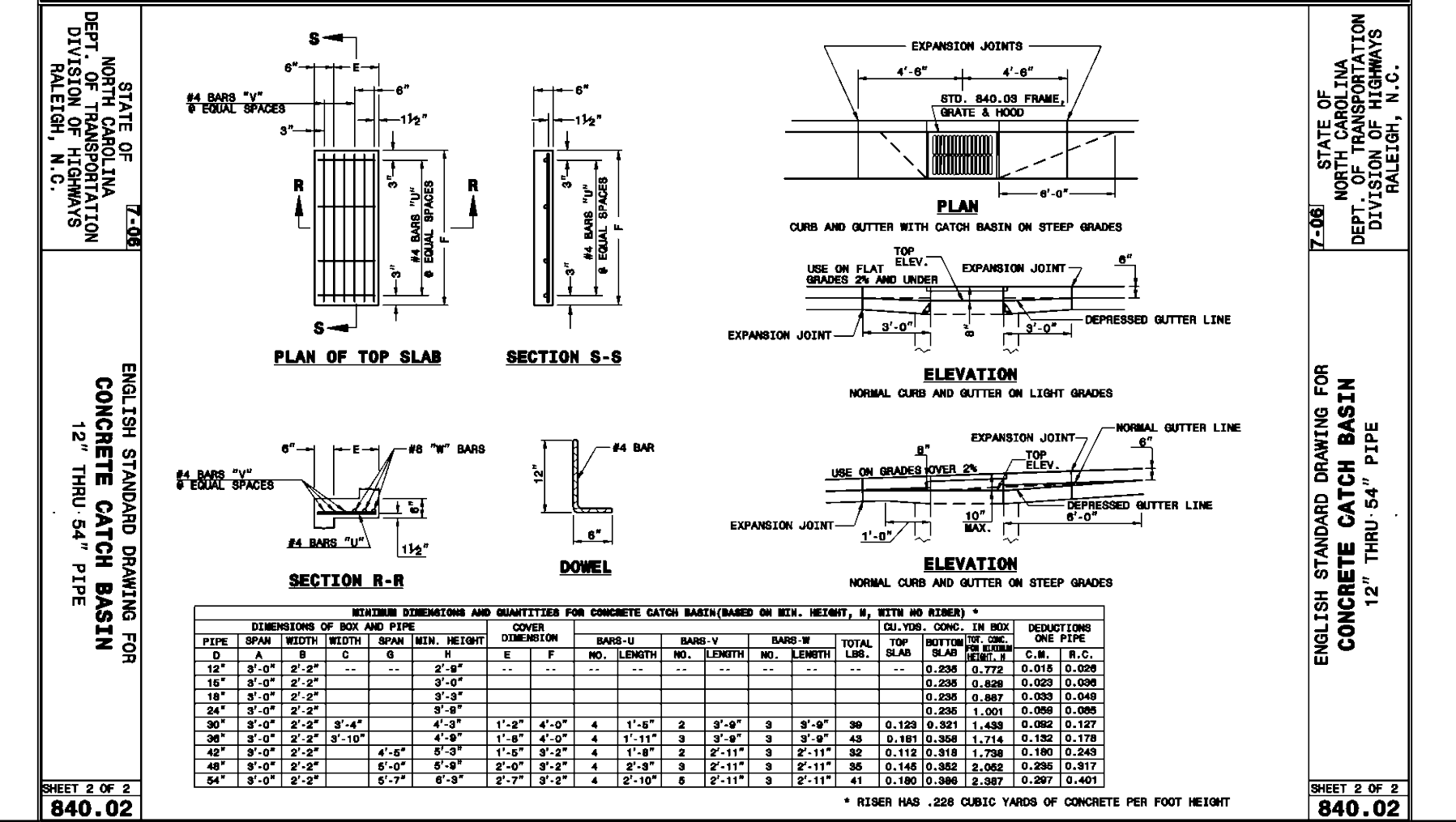
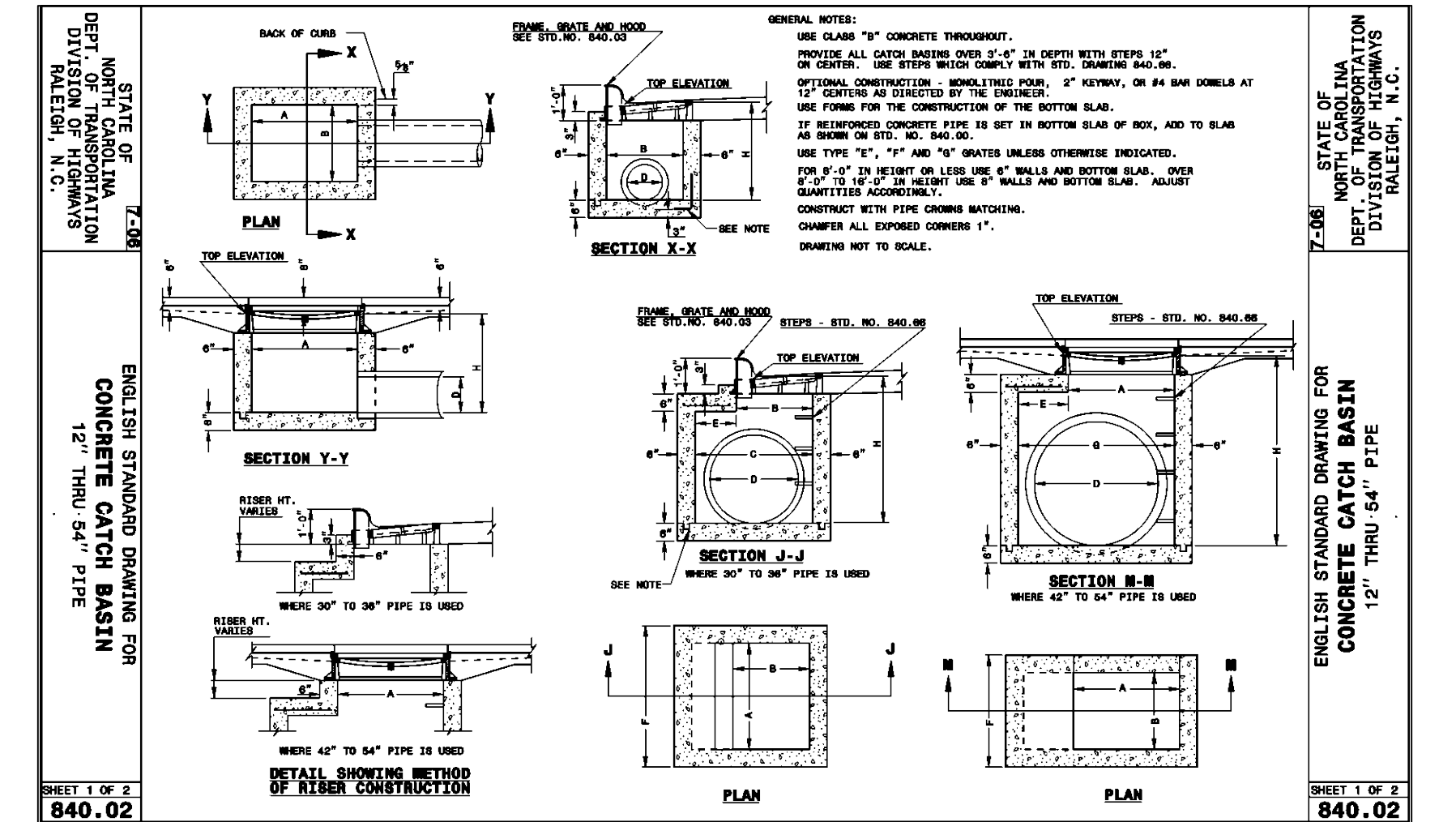
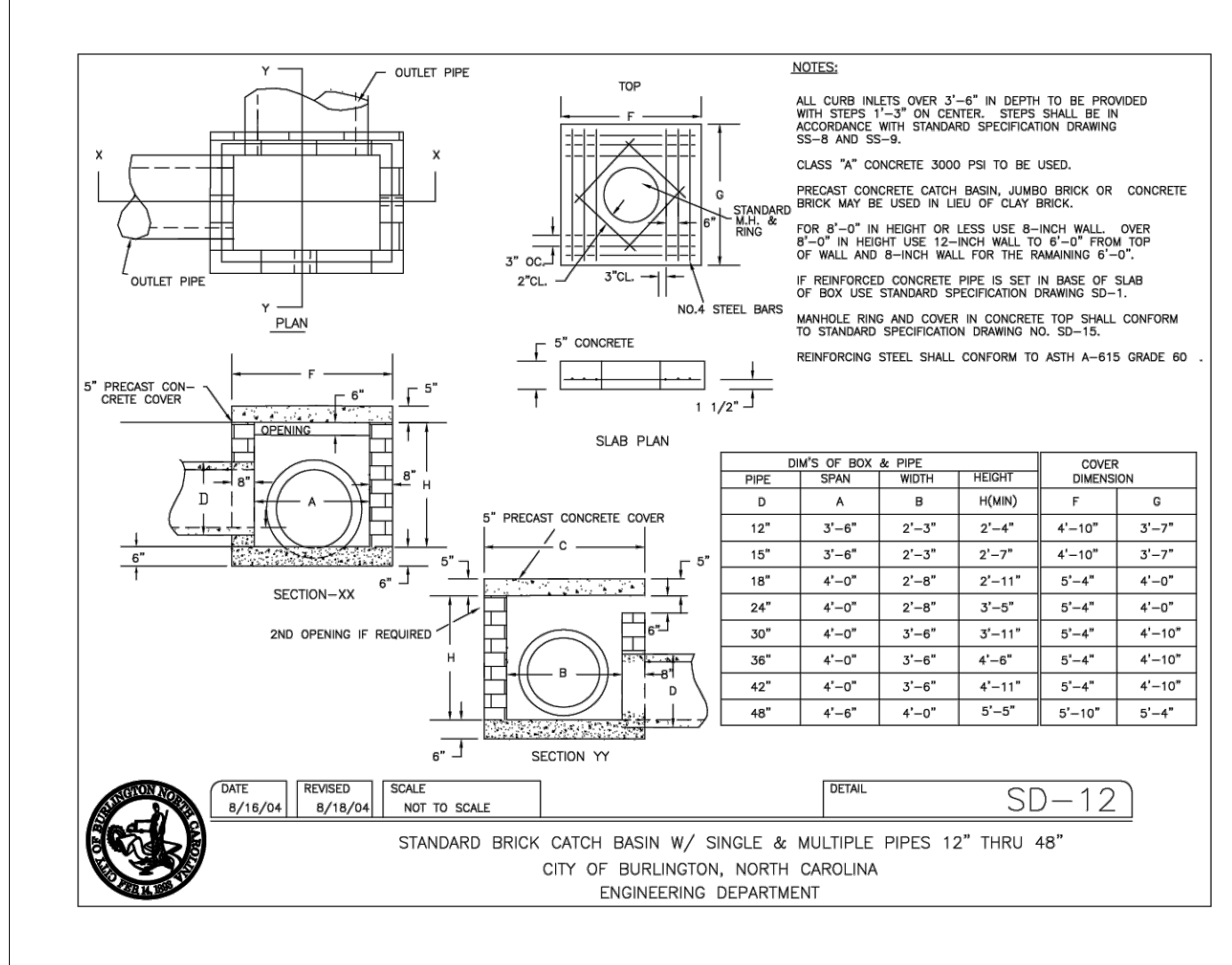
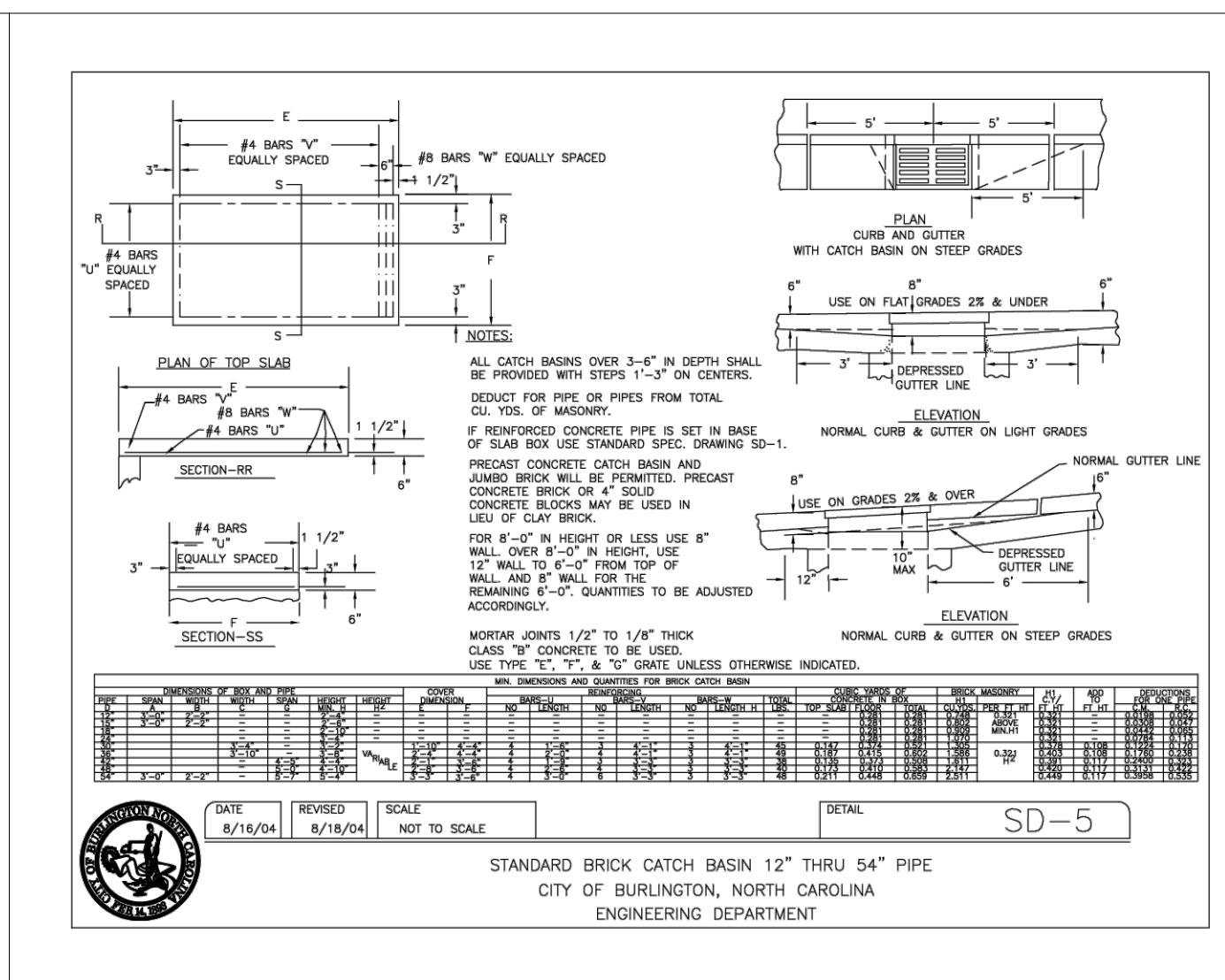
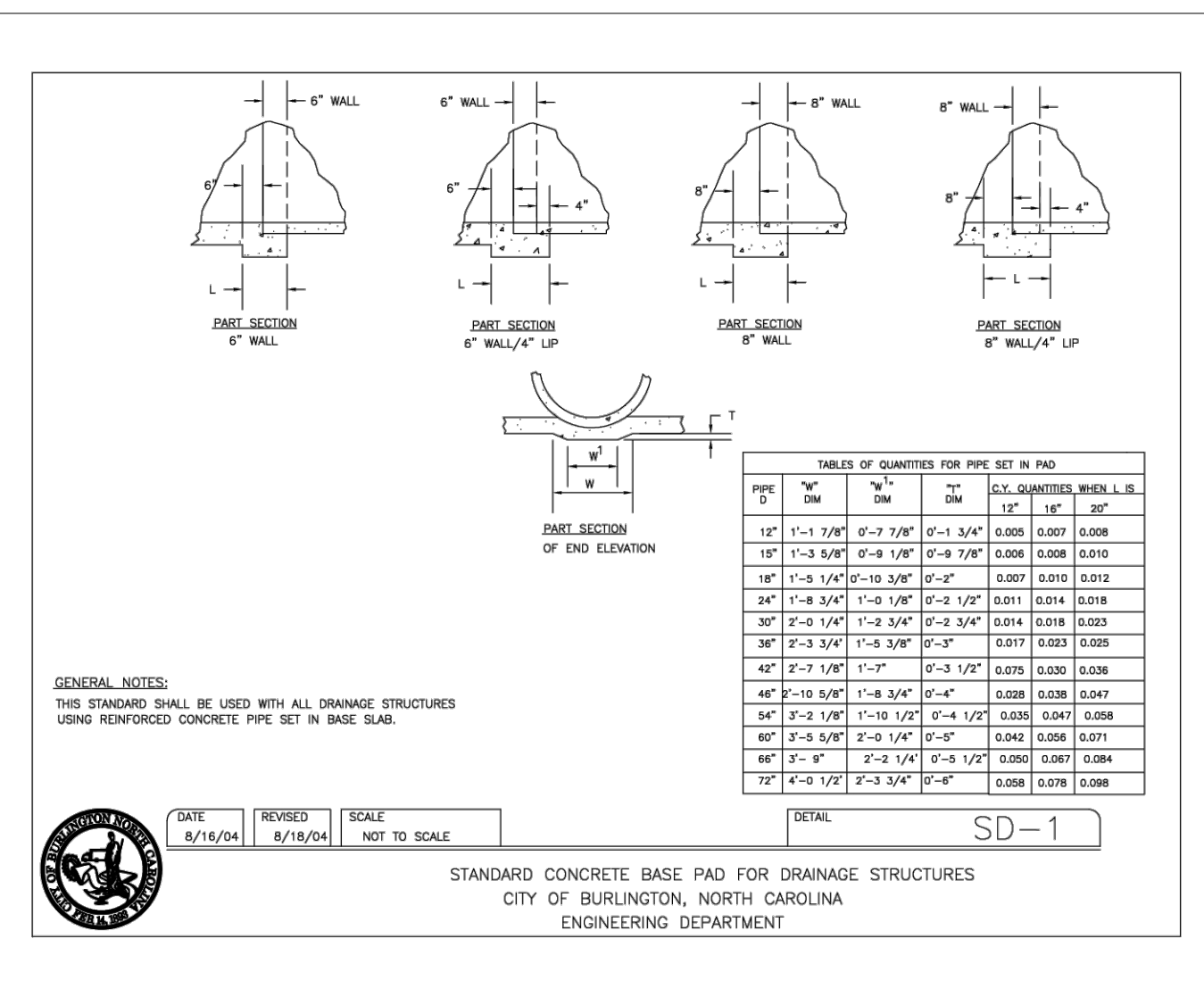
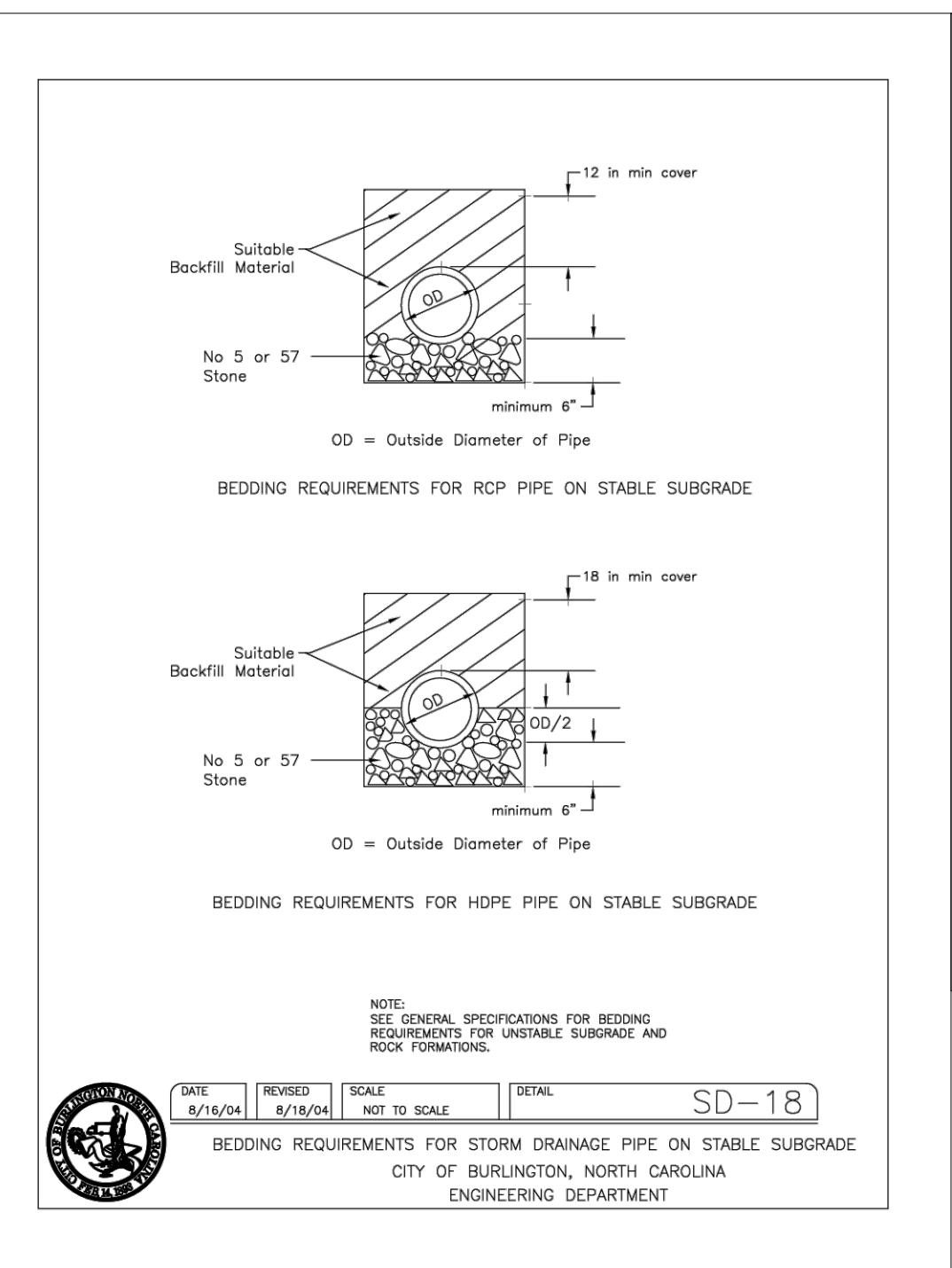
PIPE DIAMETER	WALL THICKNESS	SLOPE	B	C	D	E	WEIGHT
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15	2 1/4	3:1	27	46	73	30	910
18	2 1/2	3:1	27	46	73	36	1190
21	2 3/4	3:1	26	37	73	42	1370
24	3	3:1	42	31 1/2	73 1/2	48	1770
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54	5 1/2	2.4:1	66	34	100	90	8910
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72	7	2:1	78	21	99	108	13880

DIMENSIONS IN INCHES WEIGHT IN POUNDS

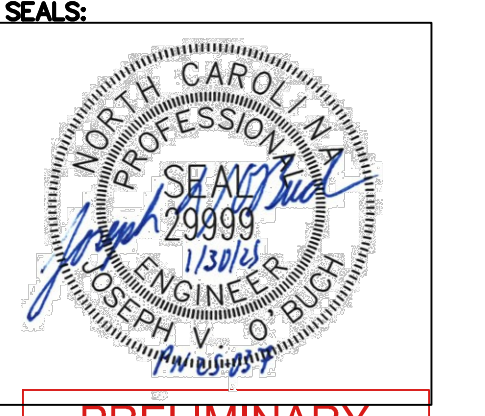
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SECTION Z-Z
DATE: 8/16/04 REVISED: 8/18/04 SCALE: NOT TO SCALE DETAIL: SD-11

INLET & OUTLET FLARED END SECTIONS
CITY OF BURLINGTON, NORTH CAROLINA
ENGINEERING DEPARTMENT



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SHEET TITLE:
SITE DETAILS
SHEET NO.:
C-5.00