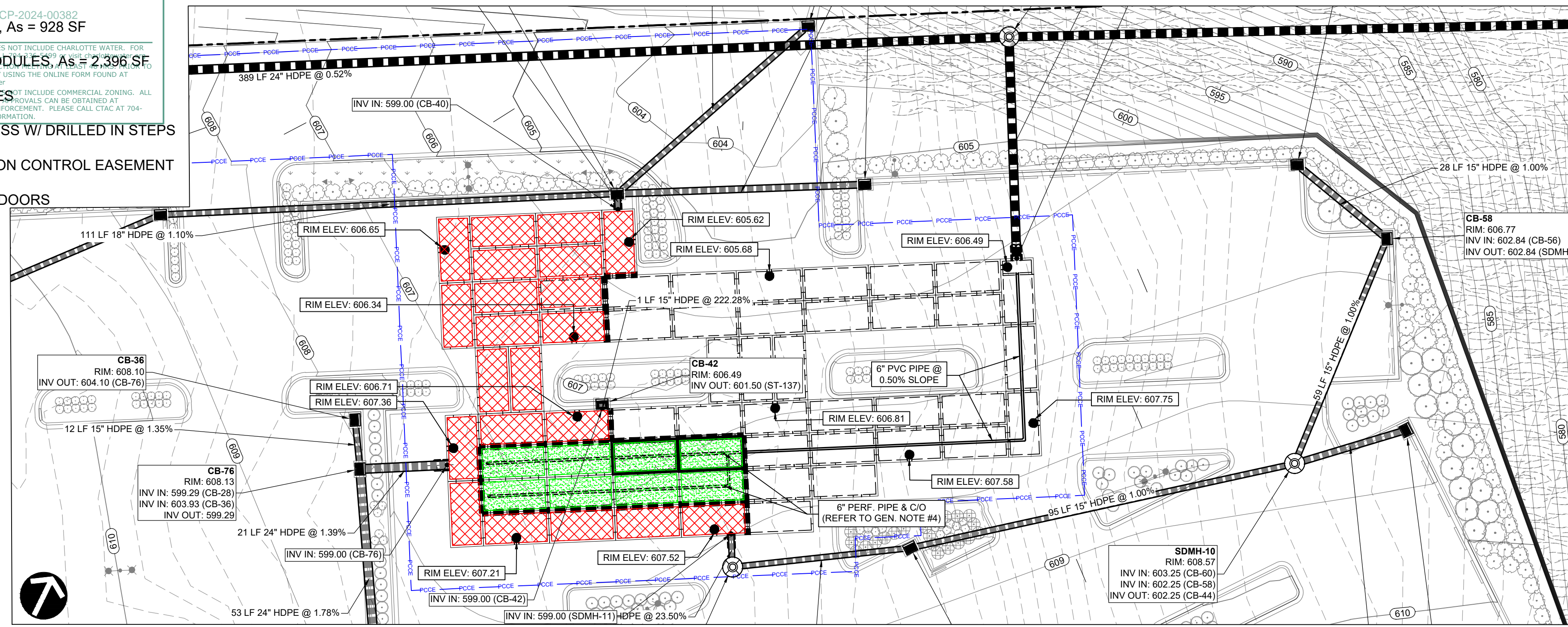


LEGEND: FINAL APPROVAL
 DATE: 10/11/2024
 PROJECT NUMBER: LDCP-2024-00382
SAND FILTER MEDIA, As = 928 SF
SEDIMENTATION MODULES, As = 2,396 SF
DETENTION MODULES
 NOTE: THIS PLAN APPROVAL DOES NOT INCLUDE CHARLOTTE WATER. FOR ANY LAND DISTURBING ACTIVITY USING THE ONLINE FORM FOUND AT CHARLOTTE-NC.GOV/DEVELOPMENTCENTER, APPROVALS CAN BE OBTAINED AT MECKLENBURG COUNTY CODE ENFORCEMENT. PLEASE CALL CTAC AT 704-314-CODE(2633) FOR MORE INFORMATION.

- Ø24" MANWAY ACCESS W/ DRILLED IN STEPS
- POST-CONSTRUCTION CONTROL EASEMENT
- WEIR IN WINDOWS/DOORS

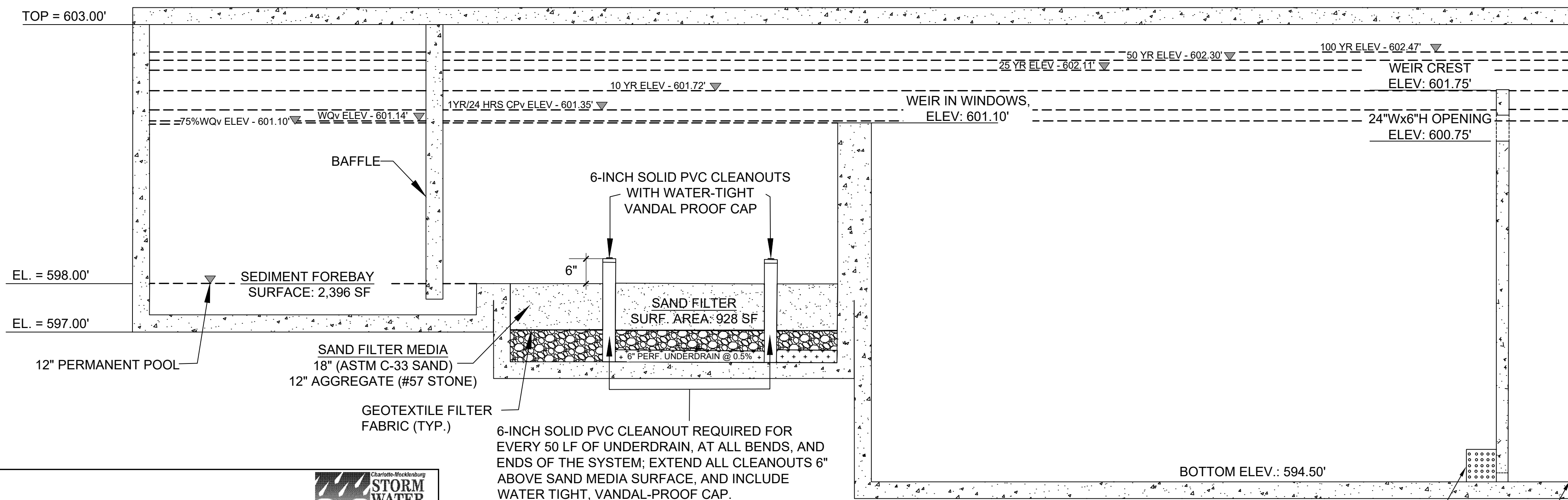


SAND FILTER #1-PLAN VIEW

SCALE: 1" = 20'

FINISHED GRADE: ±606.00

FINISHED GRADE: ±608.00

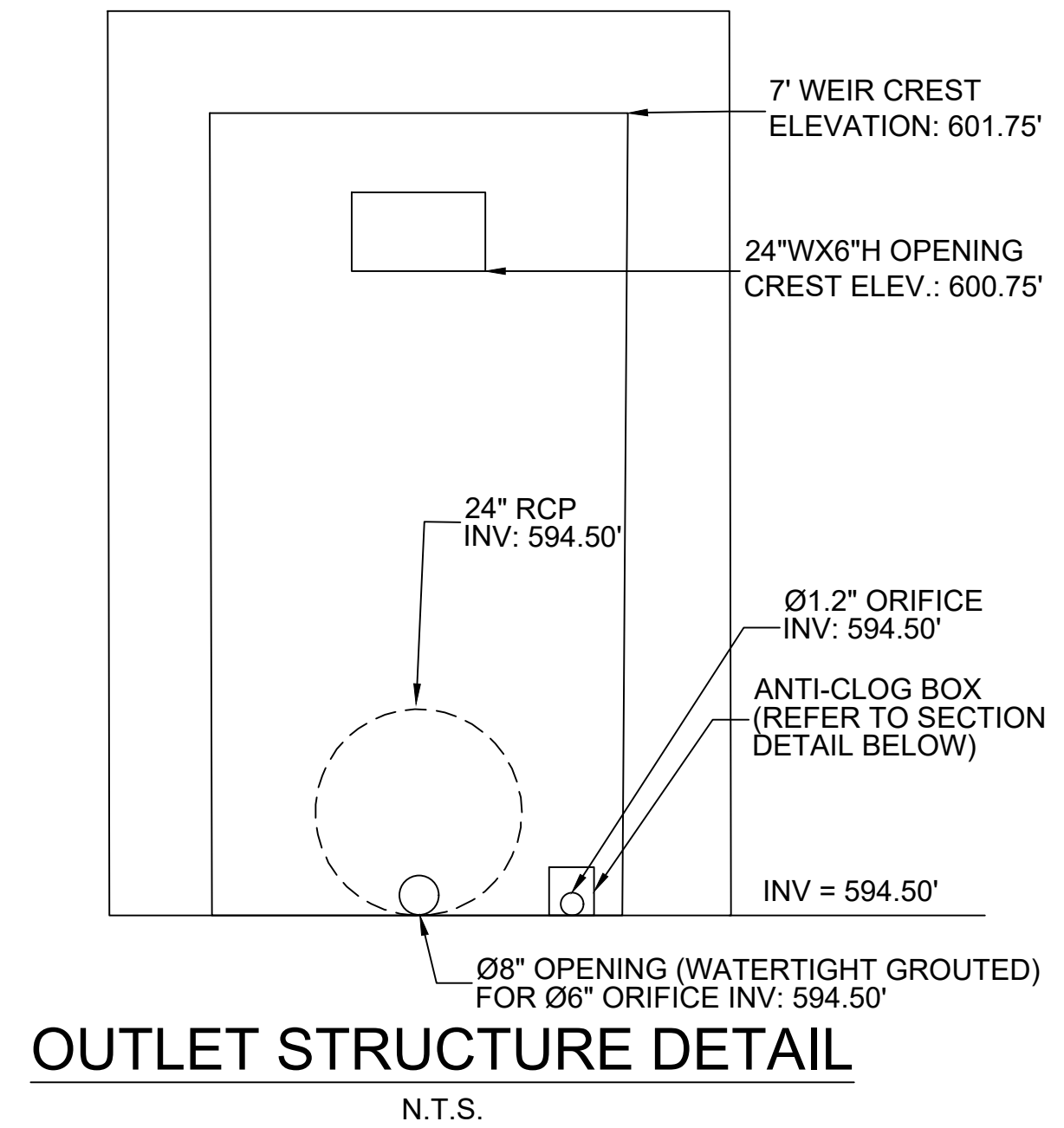


SAND FILTER- SECTION DETAIL

N.T.S.

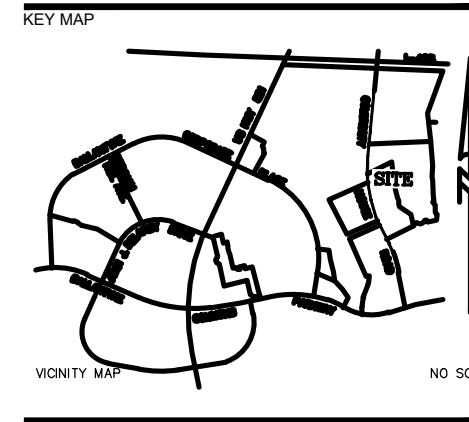
GENERAL NOTES:

1. "CONCRETE" SAND REFERS TO SAND THAT IS COMMONLY USED IN CONCRETE MIXES.
2. ALL MATERIALS TO BE IN ACCORDANCE WITH CHARLOTTE-MECKLENBURG BMP MANUAL STANDARDS AND SPECS.
3. ALL AREAS WITHIN THE BMP LIMITS SHALL BE SODDED. ALL SOD USED WITHIN THE LIMITS OF THE SAND BED AREA MUST NOT BE GROWN IN SOIL THAT HAS AN IMPERMEABLE LAYER SUCH AS CLAY.
3. ALL DRAINAGE AREAS TO A SAND FILTER FACILITY ARE TO BE STABILIZED PRIOR TO INSTALLATION OF SAND UNDERDRAIN PIPES SHOULD BE MIN.
4. TWO (2) ROWS OF 6" PERFORATED SCHEDULE 40 PVC (PER AASHTO M278) OR OR SDR 35 SMOOTH WALL PVC PIPE. 848 PERFORATIONS SHOULD BE 3/8" SPACED 2" ON CENTER ALONG 5 LONGITUDINAL ROWS SPACED 45' APART. UNDERDRAIN PIPES SHALL HAVE A MINIMUM SLOPE OF 0.50% AND A MAXIMUM SPACING OF 10 FEET ON CENTER. CLEAN-OUTS MUST BE INSTALLED EVERY 50 FEET.

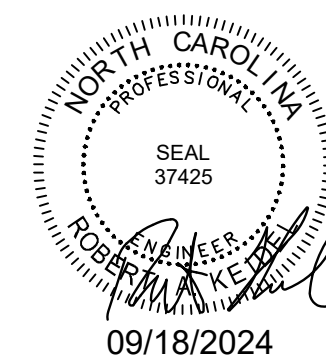
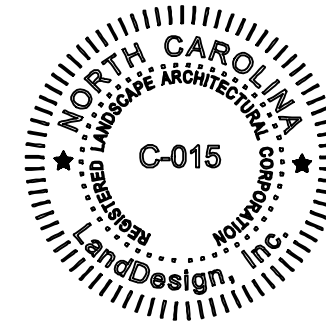


OUTLET STRUCTURE DETAIL

N.T.S.



NO SCALE



PROJECT

WEGMANS BALLANTYNE

WEGMANS
 100 WEGMANS
 MARKETS STREET
 ROCHESTER, NEW YORK 14624

LANDDESIGN PROJ.# 1023199

REVISION / ISSUANCE

NO.	DESCRIPTION	DATE
1	LAND DEVELOPMENT	05/23/2024
2	LAND DEVELOPMENT 2ND SUBMITTAL	08/13/2024
3	LAND DEVELOPMENT 3RD SUBMITTAL	09/18/2024

SCALE NORTH

VERT: N/A
 HORZ:

SHEET TITLE

BMP PLAN - SAND FILTER #1

SHEET NUMBER

C4-04

LEGEND: FINAL APPROVAL
DATE: 10/11/2024
PROJECT NUMBER: LDCP-2024-01292

SAND FILTER MEDIA, As = 917 SF

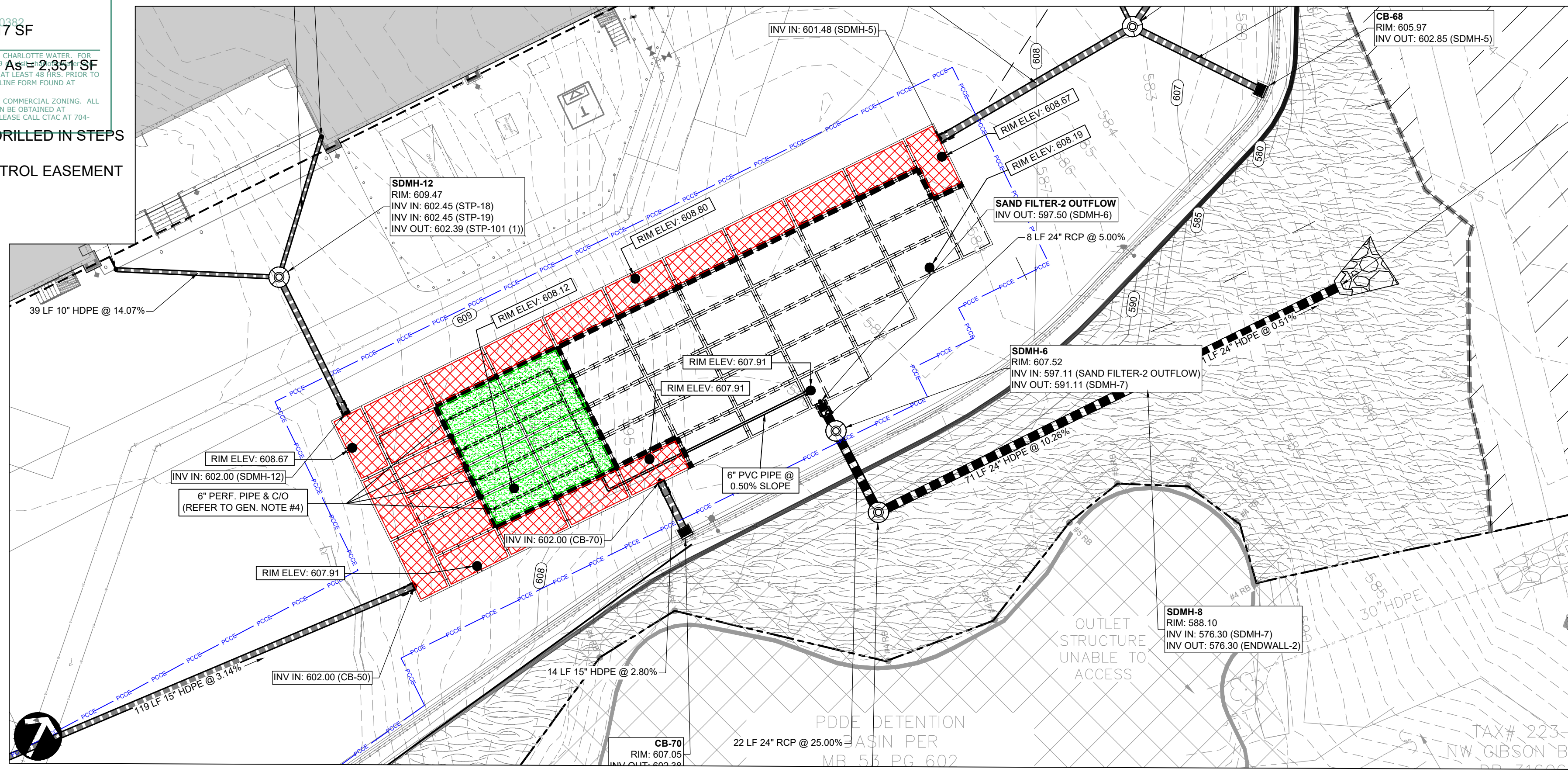
SEDIMENTATION MODULES, As = 2,351 SF

DETENTION MODULES - INCLUDE COMMERCIAL ZONING. ALL BUILDING PERMITS AND ZONING APPROVALS CAN BE OBTAINED AT MECKLENBURG COUNTY CODE ENFORCEMENT. PLEASE CALL CTAC AT 704-314-CODE(2633) FOR MORE INFORMATION.

● 24" MANWAY ACCESS W/ DRILLED IN STEPS

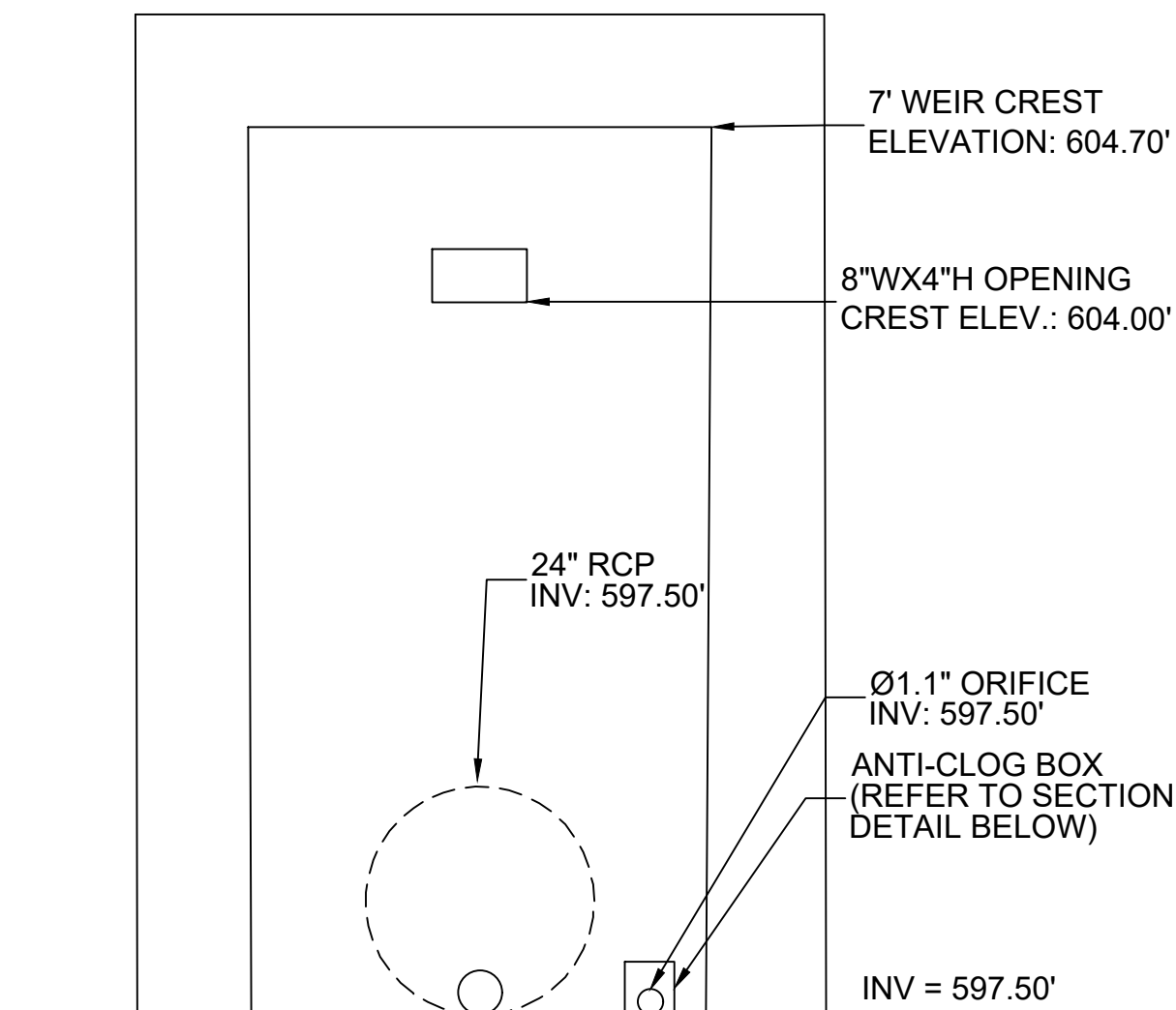
— POST-CONSTRUCTION CONTROL EASEMENT

■ WEIR WINDOWS/DOORS



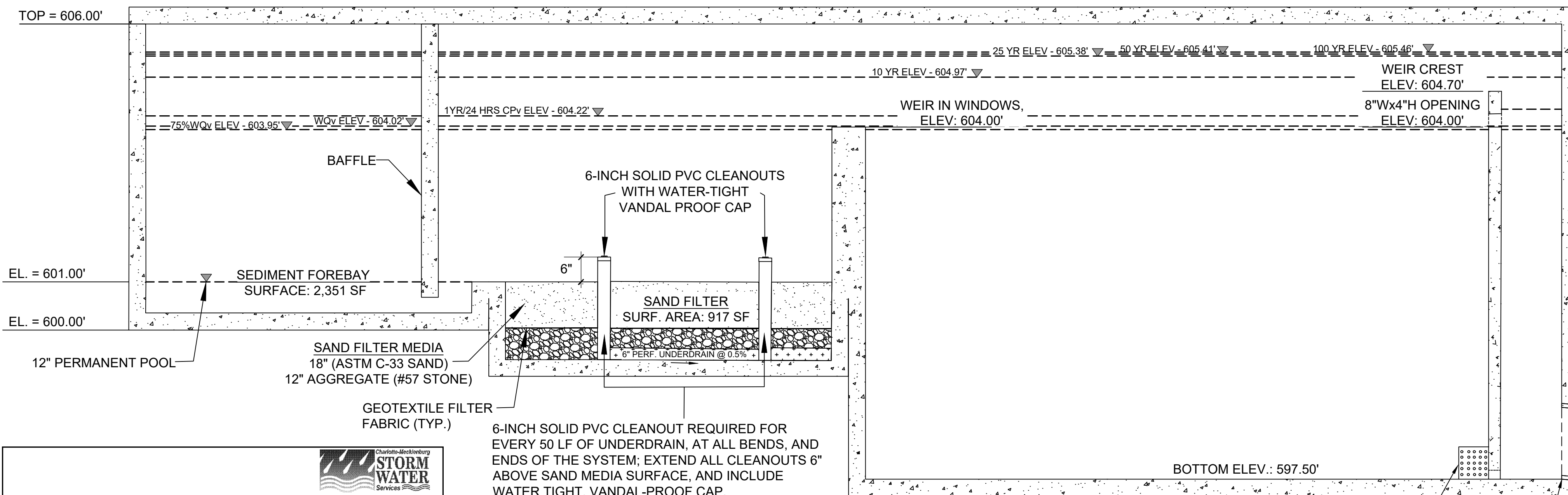
**SAND FILTER #2
PLAN VIEW**

SCALE: 1" = 20'
FINISHED GRADE: ±604.00



OUTLET STRUCTURE DETAIL

N.T.S.



**SAND FILTER-
SECTION DETAIL**

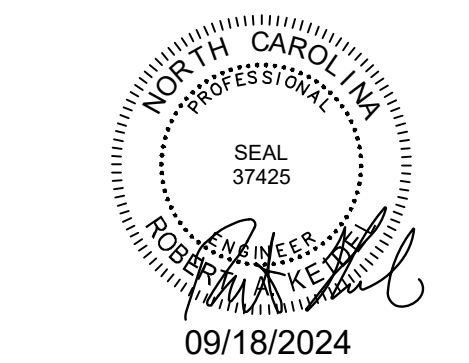
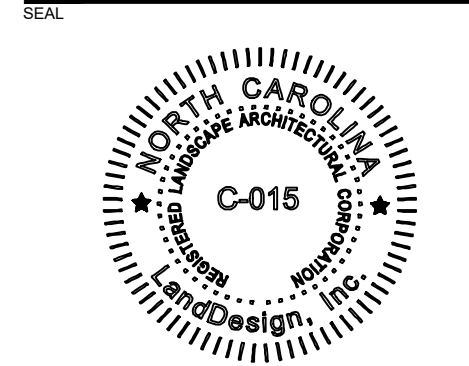
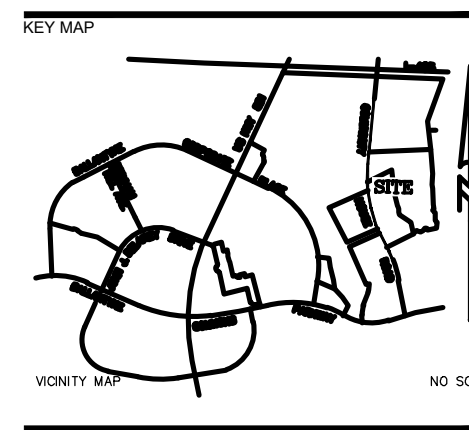
N.T.S.

GENERAL NOTES:

- "CONCRETE" SAND REFERS TO SAND THAT IS COMMONLY USED IN CONCRETE MIXES.
- ALL MATERIALS TO BE IN ACCORDANCE WITH CHARLOTTE-MECKLENBURG BMP MANUAL STANDARDS AND SPECS.
- ALL AREAS WITHIN THE BMP LIMITS SHALL BE SODDED. ALL SOD USED WITHIN THE LIMITS OF THE SAND BED AREA MUST NOT BE GROWN IN SOIL THAT HAS AN IMPERMEABLE LAYER SUCH AS CLAY.
- ALL DRAINAGE AREAS TO A SAND FILTER FACILITY ARE TO BE STABILIZED PRIOR TO INSTALLATION OF SAND UNDERDRAIN PIPES SHOULD BE MIN.
- FOUR (4) ROWS OF 6" PERFORATED SCHEDULE 40 PVC (PER AASHTO M278) OR SDR 35 SMOOTH WALL PVC PIPE. 800 PERFORATIONS SHOULD BE 3/8" SPACED 2" ON CENTER ALONG 5 LONGITUDINAL ROWS SPACED 45° APART. UNDERDRAIN PIPES SHALL HAVE A MINIMUM SLOPE OF 0.50% AND A MAXIMUM SPACING OF 10 FEET ON CENTER. CLEAN-OUTS MUST BE INSTALLED EVERY 50 FEET.

NOTE A:
THE UNDERGROUND DETENTION SYSTEM SHOWN IS FOR REFERENCE ONLY. CONTRACTOR MUST SUBMIT STRUCTURAL SHOP DRAWINGS FOR REVIEW AND APPROVAL PRIOR TO OBTAINING MATERIALS.

NOTE B:
LANDDESIGN INC. IS NOT RESPONSIBLE FOR THE DESIGN AND CERTIFICATION OF GEOTECHNICAL INSTALLATIONS AND OFFERS THE FOLLOWING SPECIFICATIONS FOR REFERENCE ONLY. VERIFICATION OF SITE CONDITIONS AND FINAL GEOTECHNICAL RECOMMENDATIONS SHALL BE THE RESPONSIBILITY OF THE GEOTECHNICAL CONSULTANT. CONSTRUCTION OF ALL PROPOSED BMP'S SHALL BE PERFORMED UNDER THE OBSERVATION OF A GEOTECHNICAL CONSULTANT WORKING UNDER THE DIRECTION OF AN NC LICENSED ENGINEER.



PROJECT

**WEGMANS
BALLANTYNE**

WEGMANS
100 WEGMANS
MARKETS STREET
ROCHESTER, NEW YORK 14624

LANDDESIGN PROJ# 1023199

REVISION / ISSUANCE

NO.	DESCRIPTION	DATE
1	LAND DEVELOPMENT	05/23/2024
2	LAND DEVELOPMENT 2ND SUBMITTAL	08/13/2024
3	LAND DEVELOPMENT 3RD SUBMITTAL	09/18/2024

SCALE: NORTH



SHEET TITLE

BMP PLAN - SAND FILTER #2

SHEET NUMBER

C4-05

DWG	PROJECT NUMBER / SHEET TITLE	SPECIAL REQUIREMENTS AND NOTES
300.01	METHOD OF PIPE INSTALLATION	
310.02	PARALLEL PIPE END SECTION—PRECAST CONCRETE FOR 15" TO 24" PIPE	REQUIRED IN RIGHT OF WAY WITHIN THE ETJ
310.03	CROSS-PIPE END SECTION—PRECAST CONCRETE FOR 18" TO 30" PIPE	REQUIRED IN RIGHT OF WAY WITHIN THE ETJ
310.10	DRIVEWAY PIPE CONSTRUCTION USING NO SPECIAL END SECTIONS	ONLY AT LOCATIONS APPROVED BY THE CITY ENGINEER
838.03	PIPE UNDERGROUND AND RISING DRAIN (MINIMUM AT LEAST 48" FROM TOE OF CONCRETE SHOULDER DRAIN)	
838.01	CONCRETE ENDWALL FOR SINGLE AND DOUBLE PIPE CULVERTS	NOTE 1
838.02	15" THRU 48" PIPE 90° SKEW	NOTE 1
838.03	CONCRETE ENDWALL AND SLUICE GATE 15" THRU 36" PIPE 90° SKEW	NOTE 1
838.04	CONCRETE ENDWALL FOR SINGLE AND DOUBLE PIPE CULVERTS	NOTE 1
838.05	17'X13" THRU 71'X47" PIPE ARCH 90° SKEW	NOTE 1
838.06	CONCRETE "L" ENDWALL FOR SINGLE PIPE CULVERTS 17'X13" THRU 71'X47" ARCH PIPE	NOTE 1
838.07	CONCRETE ENDWALL FOR SINGLE AND DOUBLE PIPE CULVERTS	NOTE 1
838.08	40'X31" THRU 60'X30" SKEW	NOTE 1
838.09	CONCRETE "L" ENDWALL FOR SINGLE PIPE CULVERTS 40'X32" THRU 66'X51" PIPE ARCH	NOTE 1
838.10	CONCRETE ENDWALL FOR OUTFALL 4'-6" OR 8" PIPE	NOTE 1
838.11	BRICK ENDWALL FOR SINGLE AND DOUBLE PIPE CULVERTS	NOTE 1
838.12	15" THRU 48" 90° SKEW	NOTE 1
838.13	BRICK ENDWALL FOR SINGLE AND DOUBLE PIPE CULVERTS 17'X13" THRU 71'X47" ARCH PIPE	NOTE 1
838.14	CONCRETE ENDWALL FOR SINGLE AND DOUBLE PIPE CULVERTS	NOTE 1
838.15	40'X31" THRU 60'X30" SKEW	NOTE 1
838.16	CONCRETE "L" ENDWALL FOR SINGLE PIPE CULVERTS 15" THRU 48" PIPE THRU 71'X47" PIPE ARCH	NOTE 1
838.17	BRICK ENDWALL FOR SINGLE AND DOUBLE PIPE CULVERTS 40'X31" THRU 66'X51" PIPE ARCH 90° SKEW	NOTE 1
838.18	BRICK ENDWALL FOR SINGLE PIPE CULVERTS 40'X31" THRU 66'X51" PIPE ARCH 90° SKEW	NOTE 1
838.19	BRICK ENDWALL FOR OUTFALL 4", 6" AND 8" PIPE	NOTE 1
838.20	REINFORCED CONCRETE ENDWALL FOR SINGLE 54" PIPE 90° SKEW	NOTE 1 SEE CLDS 20.17 FOR SPLASH PAD
838.21	REINFORCED CONCRETE ENDWALL FOR DOUBLE & TRIPLE 54" PIPE 90° SKEW	NOTE 1 SEE CLDS 20.17 FOR SPLASH PAD
838.22	REINFORCED CONCRETE ENDWALL FOR SINGLE 60" PIPE 90° SKEW	NOTE 1 SEE CLDS 20.17 FOR SPLASH PAD
838.23	REINFORCED CONCRETE ENDWALL FOR DOUBLE & TRIPLE 60" PIPE 90° SKEW	NOTE 1 SEE CLDS 20.17 FOR SPLASH PAD
838.24	REINFORCED CONCRETE ENDWALL FOR SINGLE 66" PIPE 90° SKEW	NOTE 1 SEE CLDS 20.17 FOR SPLASH PAD
838.25	REINFORCED CONCRETE ENDWALL FOR DOUBLE & TRIPLE 66" PIPE 90° SKEW	NOTE 1 SEE CLDS 20.17 FOR SPLASH PAD
838.26	REINFORCED CONCRETE ENDWALL FOR SINGLE 72" PIPE 90° SKEW	NOTE 1 SEE CLDS 20.17 FOR SPLASH PAD
838.27	REINFORCED CONCRETE ENDWALL FOR DOUBLE & TRIPLE 72" PIPE 90° SKEW	NOTE 1 SEE CLDS 20.17 FOR SPLASH PAD

NOTE 1: FOR ALL STRUCTURES - NCDOT REQUIRES CLASS B CONCRETE (2500PSI). THE CITY REQUIRES 3600 PSI CONCRETE STRENGTH @ 28 DAYS. 3600 PSI CONCRETE SHALL BE USED IN ALL CITY AND ETJ PROJECTS.

CITY OF CHARLOTTE
LAND DEVELOPMENT STANDARDS
INCLUDES CHARLOTTE ETJ

NCDOT STANDARDS
APPROVED FOR USE IN THE CITY OF CHARLOTTE
AND CHARLOTTE ETJ

STD. NO. REV.
20.00A 11

01 NCDOT STANDARDS
CLT STD. NO. 20.00A

DWG	SHEET TITLE	SPECIAL REQUIREMENTS AND NOTES
838.45	NOTES FOR REINFORCED CONCRETE ENDWALL STANDARD DRAWINGS	NOTE 1: SEE CLDS 20.17 FOR SPLASH PAD
838.46	838.21 THRU 838.40	NOTE 1: SEE CLDS 20.17 FOR SPLASH PAD
838.51	REINFORCED BRICK ENDWALL FOR SINGLE 54" PIPE 90° SKEW	NOTE 1: SEE CLDS 20.17 FOR SPLASH PAD
838.52	REINFORCED BRICK ENDWALL FOR DOUBLE & TRIPLE 54" PIPE 90° SKEW	NOTE 1: SEE CLDS 20.17 FOR SPLASH PAD
838.53	REINFORCED BRICK ENDWALL FOR SINGLE 60" PIPE 90° SKEW	NOTE 1: SEE CLDS 20.17 FOR SPLASH PAD
838.54	REINFORCED BRICK ENDWALL FOR DOUBLE & TRIPLE 60" PIPE 90° SKEW	NOTE 1: SEE CLDS 20.17 FOR SPLASH PAD
838.55	REINFORCED BRICK ENDWALL FOR SINGLE 66" PIPE 90° SKEW	NOTE 1: SEE CLDS 20.17 FOR SPLASH PAD
838.56	REINFORCED BRICK ENDWALL FOR DOUBLE & TRIPLE 66" PIPE 90° SKEW	NOTE 1: SEE CLDS 20.17 FOR SPLASH PAD
838.57	REINFORCED BRICK ENDWALL FOR SINGLE 72" PIPE 90° SKEW	NOTE 1: SEE CLDS 20.17 FOR SPLASH PAD
838.58	REINFORCED BRICK ENDWALL FOR DOUBLE & TRIPLE 72" PIPE 90° SKEW	NOTE 1: SEE CLDS 20.17 FOR SPLASH PAD
838.59	NOTES FOR REINFORCED BRICK ENDWALL STANDARD DRAWINGS 838.51 THRU 838.70	NOTE 1: SEE CLDS 20.17 FOR SPLASH PAD
838.80	PRECAST CONCRETE ENDWALL FOR SINGLE 12" THRU 72" PIPE 90° SKEW	NOTE 1: SEE CLDS 20.17 FOR SPLASH PAD
840.00	CONCRETE BASE PAD FOR DRAINAGE STRUCTURES	
840.01	BRICK CATCH BASIN 15" THRU 54" PIPE	
840.02	CONCRETE CATCH BASIN 12" THRU 54" PIPE	
840.03	FRAME, GRATE, BASIN 12" THRU 54" PIPE	
840.04	CONCRETE OPEN THROAT CATCH BASIN 12" THRU 48" PIPE	
840.05	BRICK OPEN THROAT CATCH BASIN 15" THRU 48" PIPE	
840.14	CONCRETE DROP INLET 12" THRU 30" PIPE	
840.15	BRICK DROP INLET 12" THRU 30" PIPE	
840.16	DROP INLET FRAME AND GRATE FOR USE WITH DWGS. 840.14 & 840.15	
840.17	CONCRETE GRATED DROP INLET TYPE "A" 12" THRU 72" PIPE	
840.18	CONCRETE GRATED DROP INLET TYPE "B" 12" THRU 36" PIPE	
840.19	CONCRETE GRATED DROP INLET TYPE "D" 12" THRU 36" PIPE	
840.20	FRAMES AND WIDE SLOT FLAT GRATES	
840.21	FRAMES AND WIDE SLOT SAG GRATES	
840.22	FRAMES AND NARROW SLOT SAG GRATES	
840.23	ANCHORAGE FOR FRAMES BRICK OR CONCRETE	
840.24	BRICK GRATED DROP INLET TYPE "A" 12" THRU 72" PIPE	
840.25	BRICK GRATED DROP INLET TYPE "B" 12" THRU 36" PIPE	
840.26	BRICK GRATED DROP INLET TYPE "D" 12" THRU 36" PIPE	
840.27	FRAMES AND NARROW SLOT FLAT GRATES	
840.28	DRIVEWAY DROP INLET	

NOTE 1: FOR ALL STRUCTURES - NCDOT REQUIRES CLASS B CONCRETE (2500PSI). THE CITY REQUIRES 3600 PSI CONCRETE STRENGTH @ 28 DAYS. 3600 PSI CONCRETE SHALL BE USED IN ALL CITY AND ETJ PROJECTS.

CITY OF CHARLOTTE
LAND DEVELOPMENT STANDARDS
INCLUDES CHARLOTTE ETJ

NCDOT STANDARDS
APPROVED FOR USE IN THE CITY OF CHARLOTTE
AND CHARLOTTE ETJ

STD. NO. REV.
20.00B 5

02 NCDOT STANDARDS
CLT STD. NO. 20.00B

DWG	SHEET TITLE	SPECIAL REQUIREMENTS AND NOTES
840.31	CONCRETE JUNCTION BOX (WITH OPTIONAL MANHOLE) 12" THRU 66" PIPE	NOTE 1: OPTIONAL MANHOLE IS REQUIRED
840.32	BRICK JUNCTION BOX 12" THRU 66" PIPE	NOTE 1: OPTIONAL MANHOLE IS REQUIRED
840.34	TRAFFIC BEARING JUNCTION BOX FOR USE WITH PIPES 42" AND UNDER	NOTE 1: OPTIONAL MANHOLE IS REQUIRED AS MEASURED FROM BOTTOM OF TOP SLAB -- FOR JUNCTION BOX HEIGHT 0'-4" USE 8" THICK WALL FROM 4" HEIGHT TO 10" HEIGHT, USE 12" THICK WALL IF PROPOSED STRUCTURE EXCEEDS 12'-0" HEIGHT A SPECIAL DESIGN WILL BE REQUIRED
840.35	TRAFFIC BEARING DROP INLET FOR CAST IRON DOUBLE FRAME AND GRATES	NOT FOR USE IN PEDESTRIAN AREAS
840.36	TRAFFIC BEARING DROP INLET FOR STEEL (840.37) DOUBLE FRAME AND GRATES	NOT FOR USE IN PEDESTRIAN AREAS
840.37	STEEL GRATE AND FRAME	
840.41	SPRING BOX CONCRETE OR BRICK	
840.45	PRECAST DRAINAGE STRUCTURE (SOLID AND WAFFLE WALL)	WAFFLE WALL IS NOT PERMITTED IN ROADWAY, PLANTING STRIPS, OR MEDIANS. ALL OPENINGS SHALL BE PRE-CAST
840.46	TRAFFIC BEARING PRECAST DRAINAGE STRUCTURE	
840.51	BRICK MANHOLE 12" 36" PIPE	
840.52	PRECAST MANHOLE 4', 5' AND 6' DIAMETER 12" THRU 48" PIPE	IF USED AS A CATCH BASIN SUPPORTING NCDOT 840.03 FRAME, GRATE, AND HOOD - THE FLAT TOP SLAB ONLY ACCEPTABLE WHEN A 12" VERTICAL RISER CAN BE ACCOMMODATED ON TOP OF THE STRUCTURE (BETWEEN THE TOP OF FLAT TOP SLAB AND BOTTOM OF FRAME/GRATE)
840.53	PRECAST MANHOLE WITH MASONRY BASE 12" THRU 42" PIPE	IF USED AS A CATCH BASIN SUPPORTING NCDOT 840.03 FRAME, GRATE, AND HOOD - THE FLAT TOP SLAB ONLY ACCEPTABLE WHEN A 12" VERTICAL RISER CAN BE ACCOMMODATED ON TOP OF THE STRUCTURE (BETWEEN THE TOP OF FLAT TOP SLAB AND BOTTOM OF FRAME/GRATE)
840.54	MANHOLE FRAME AND COVER	
840.60	DRAINAGE STRUCTURE STEPS	
840.71	CONCRETE PAVED DITCHES	
840.72	PIPE COLLAR	
850.01	CONCRETE PAVED DITCHES	
852.04	METHODS FOR PLACEMENT OF DROP INLETS IN GRASSED MEDIAN (USING 1"-6" CURB AND GUTTER)	
852.05	METHODS FOR PLACEMENT OF DROP INLETS IN CONCRETE ISLANDS (USING 1"-6" CURB AND GUTTER)	
852.06	METHOD OF PLACEMENT OF DROP INLETS IN CONCRETE ISLANDS	
876.01	RIP RAP IN CHANNELS	
876.03	DRAINAGE DITCHES WITH CLASS "A" RIP RAP	
876.04	DRAINAGE DITCHES WITH CLASS "B" RIP RAP	
310.01	1998 DRAWINGS CONCRETE FLARED END SECTION	

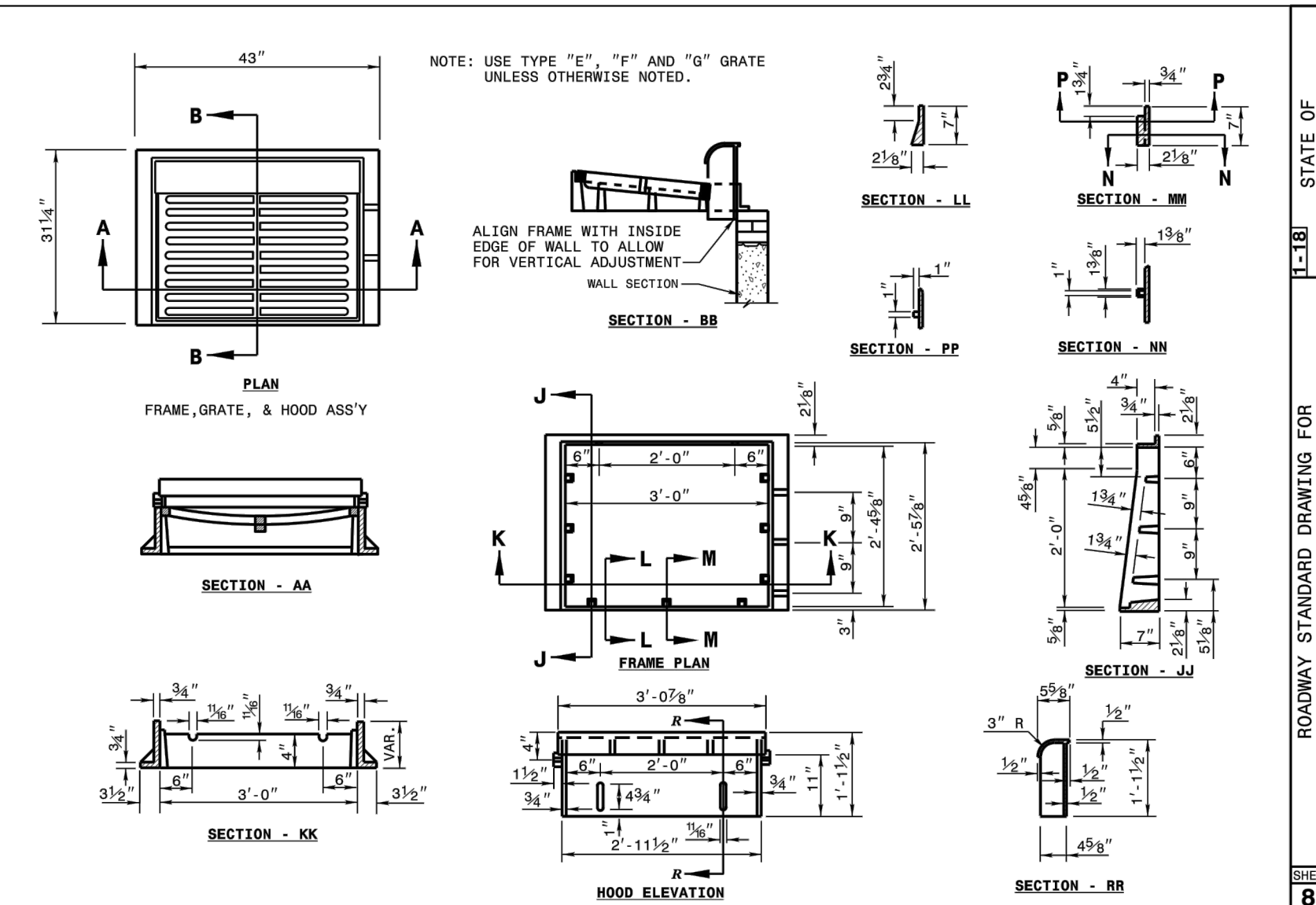
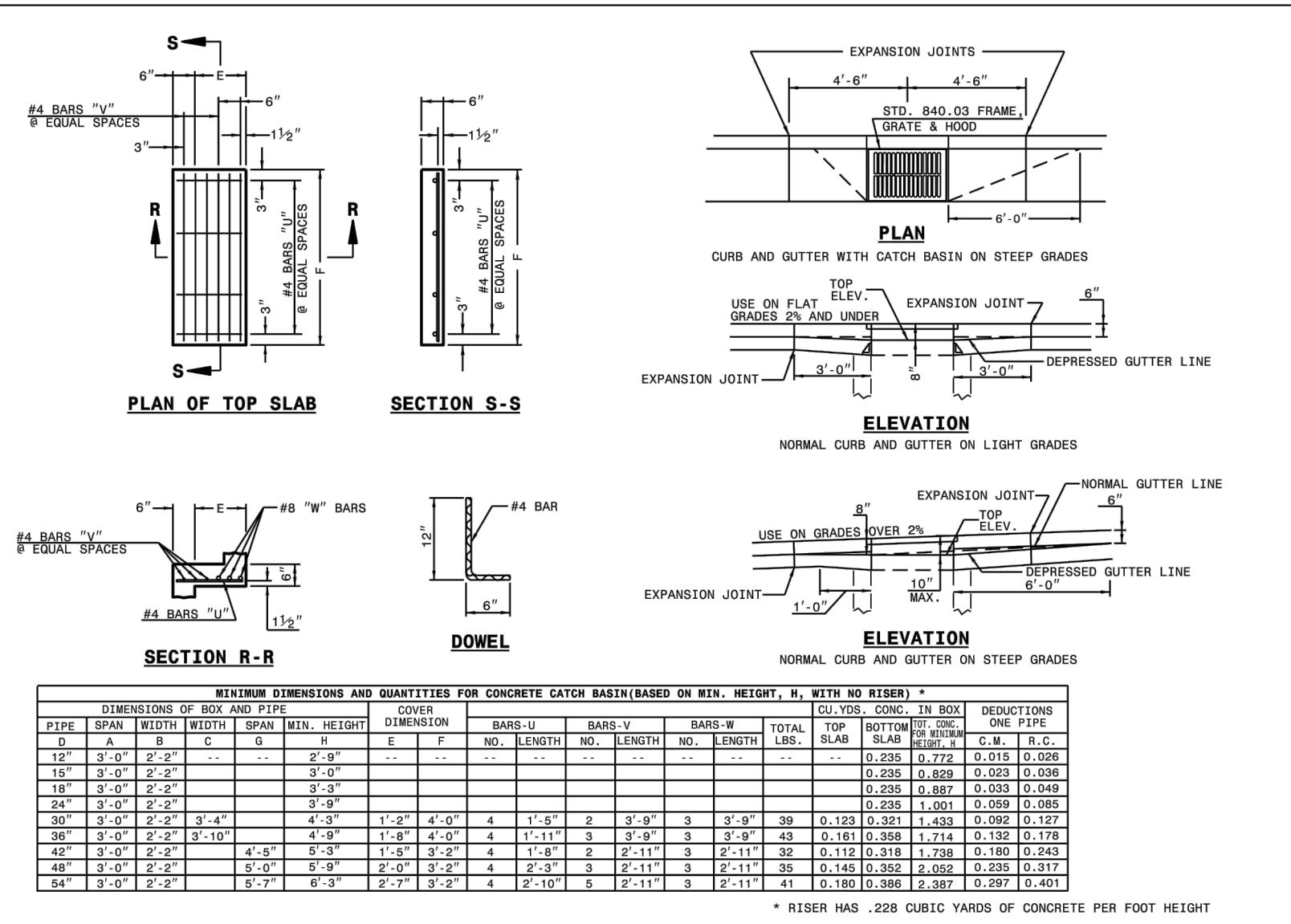
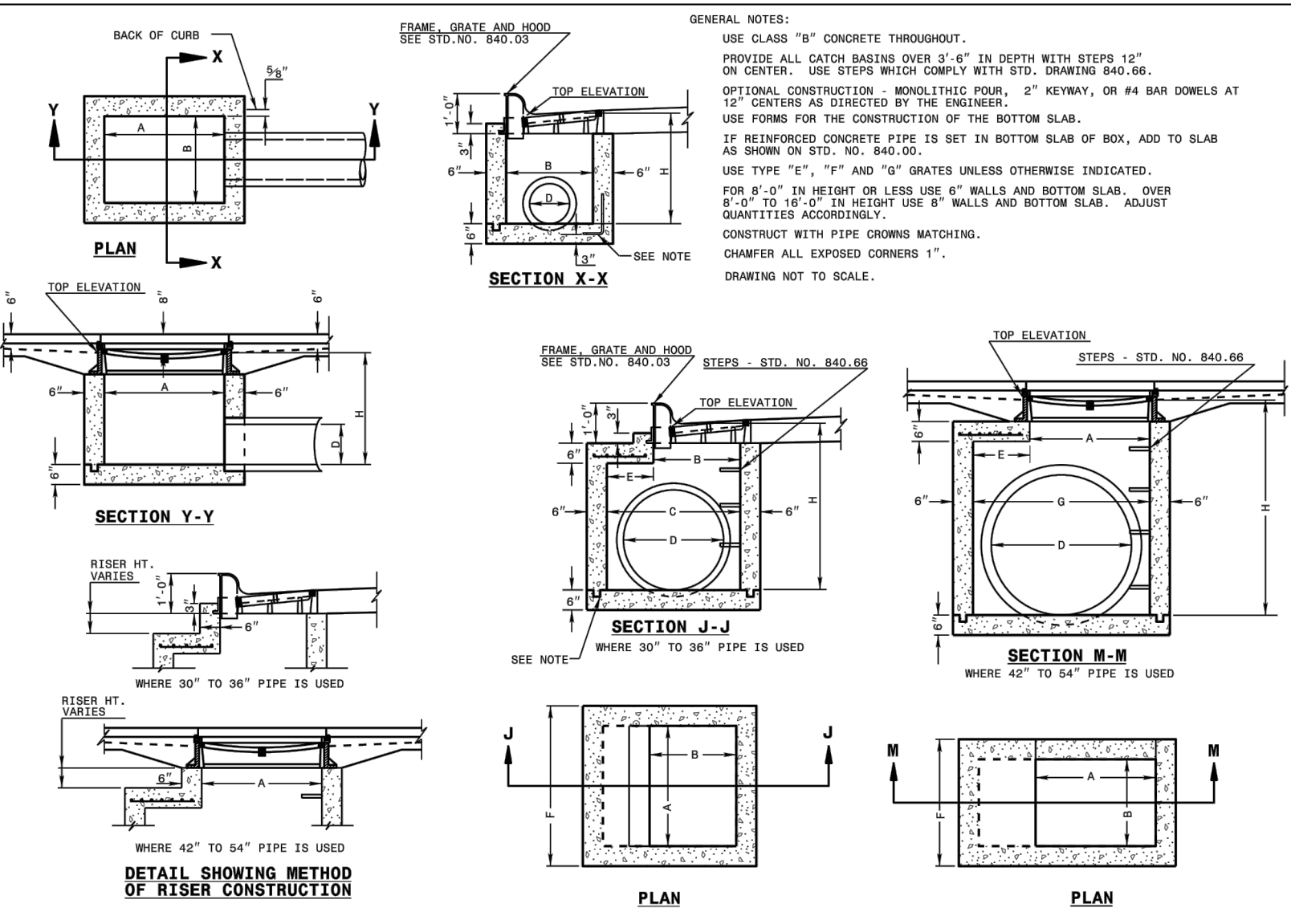
NOTE 1: FOR ALL STRUCTURES - NCDOT REQUIRES CLASS B CONCRETE (2500PSI). THE CITY REQUIRES 3600 PSI CONCRETE STRENGTH @ 28 DAYS. 3600 PSI CONCRETE SHALL BE USED IN ALL CITY AND ETJ PROJECTS.

CITY OF CHARLOTTE
LAND DEVELOPMENT STANDARDS
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NCDOT STANDARDS
APPROVED FOR USE IN THE CITY OF CHARLOTTE
AND CHARLOTTE ETJ

STD. NO. REV.
20.00C 16

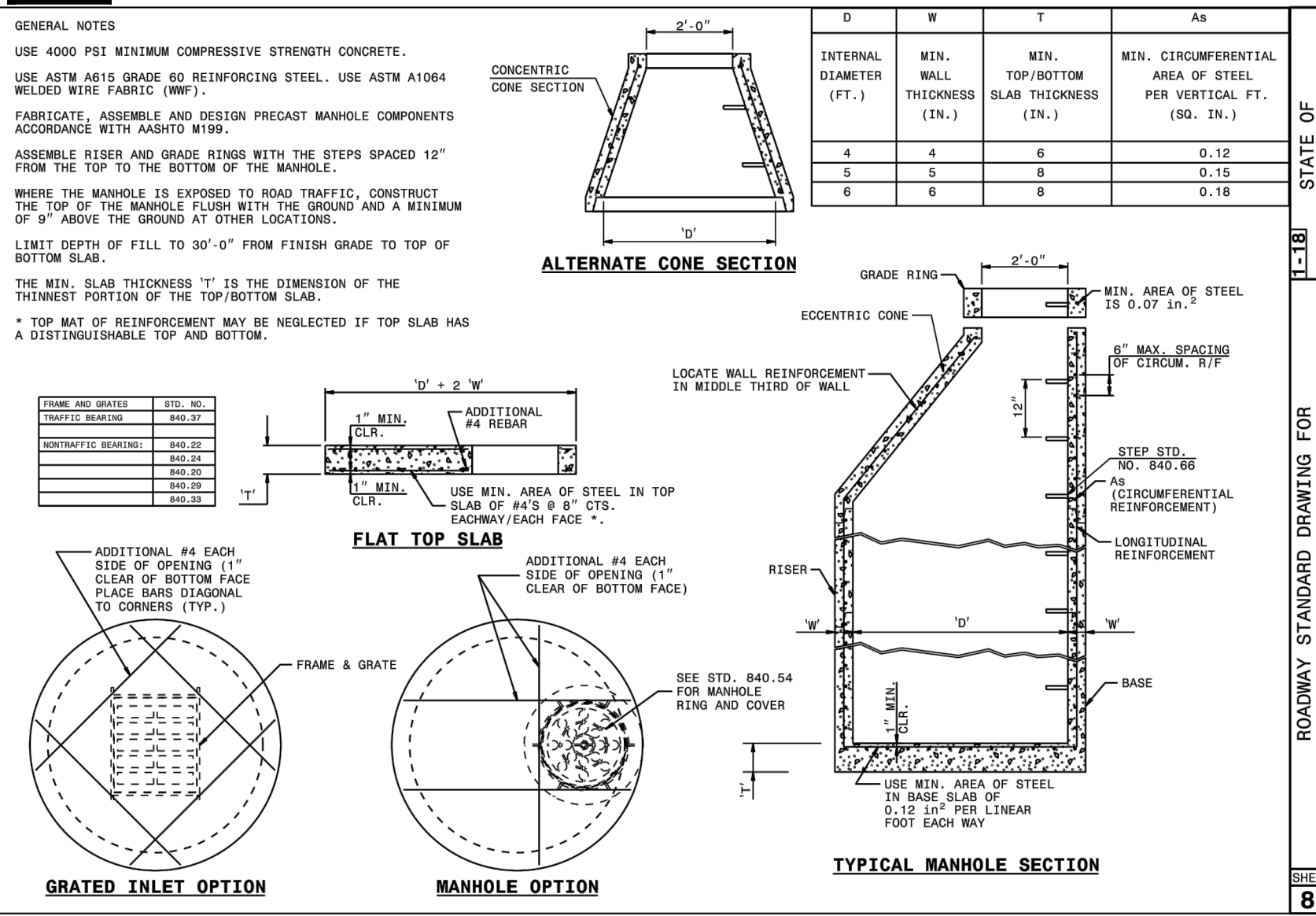
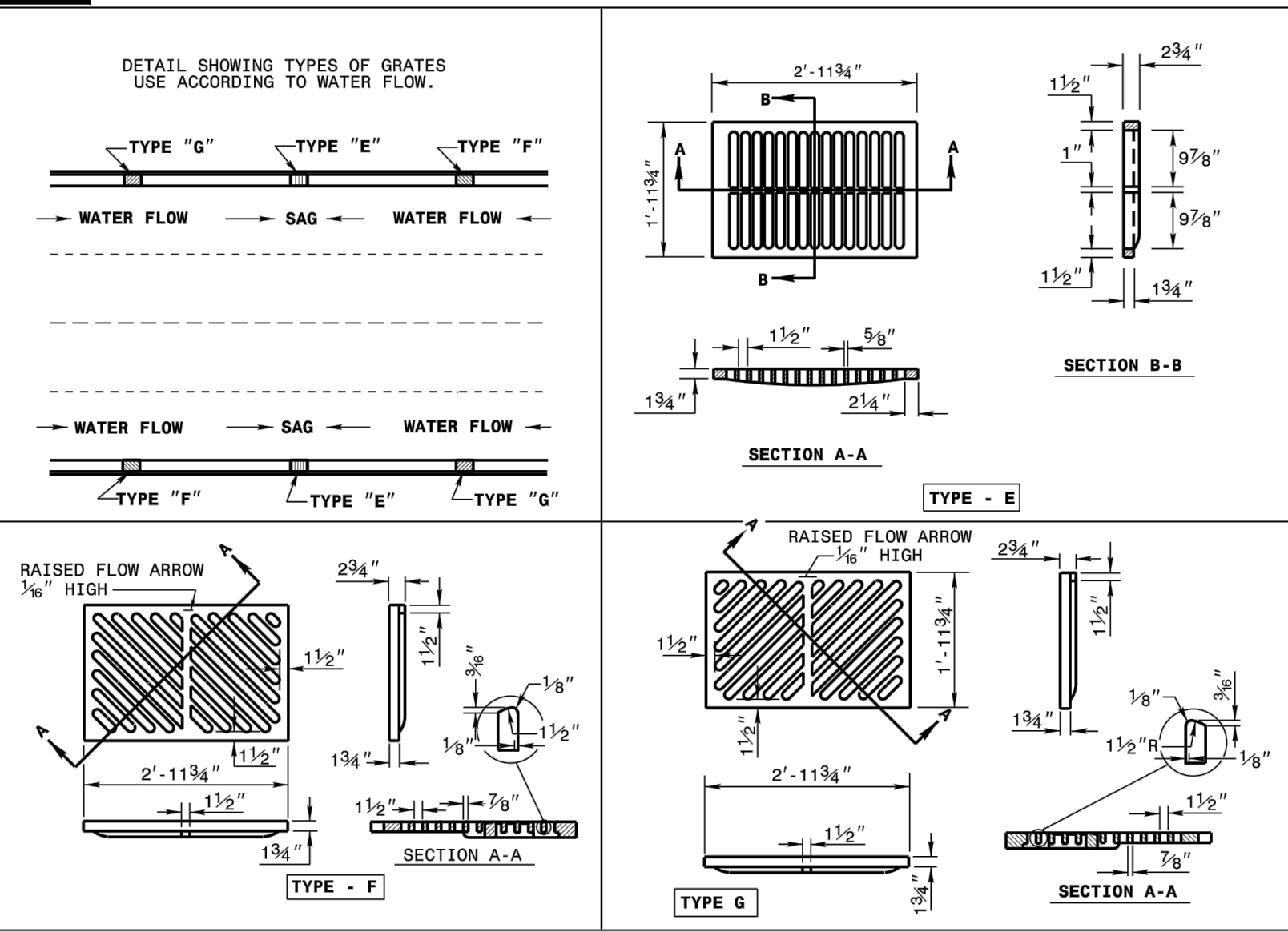
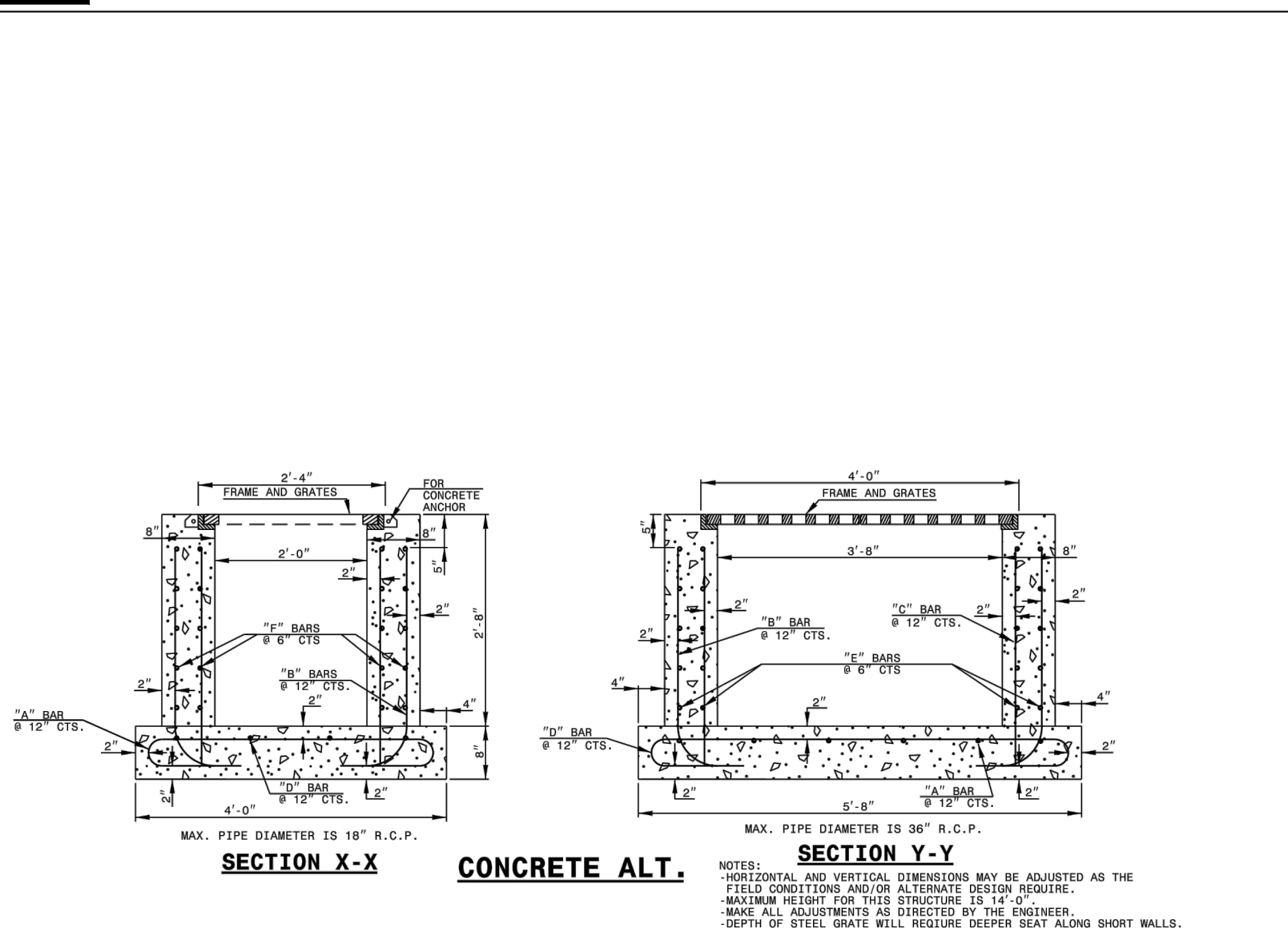
03 NCDOT STANDARDS
CLT STD. NO. 20.00C



04 CONCRETE CATCH BASIN
NCDOT STD. NO. 840.02

05 CONCRETE CATCH BASIN
NCDOT STD. NO. 840.02

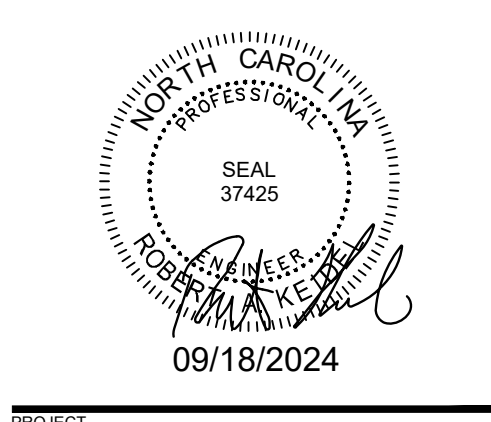
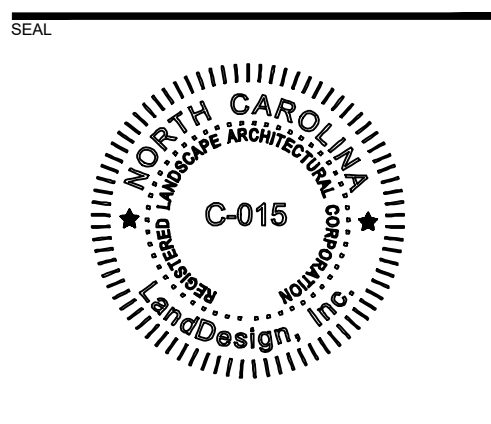
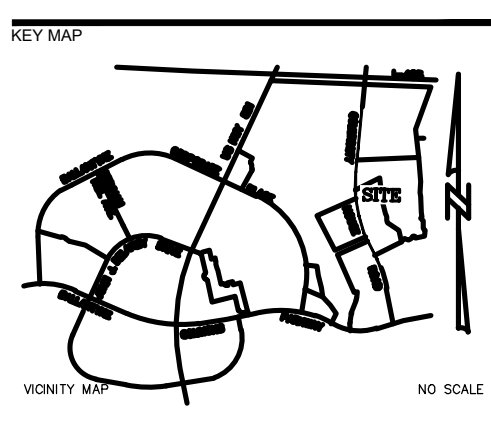
06 FRAME, GRATES, AND HOOD
NCDOT STD. NO. 840.03



07 TRAFFIC BEARING GRATED DROP INLET
NCDOT STD. NO. 840.35

08 FRAME, GRATES, AND HOOD
NCDOT STD. NO. 840.03

09 PRECAST MANHOLE 4', 5', AND 6' DIAMETER
NCDOT STD. NO. 840.52



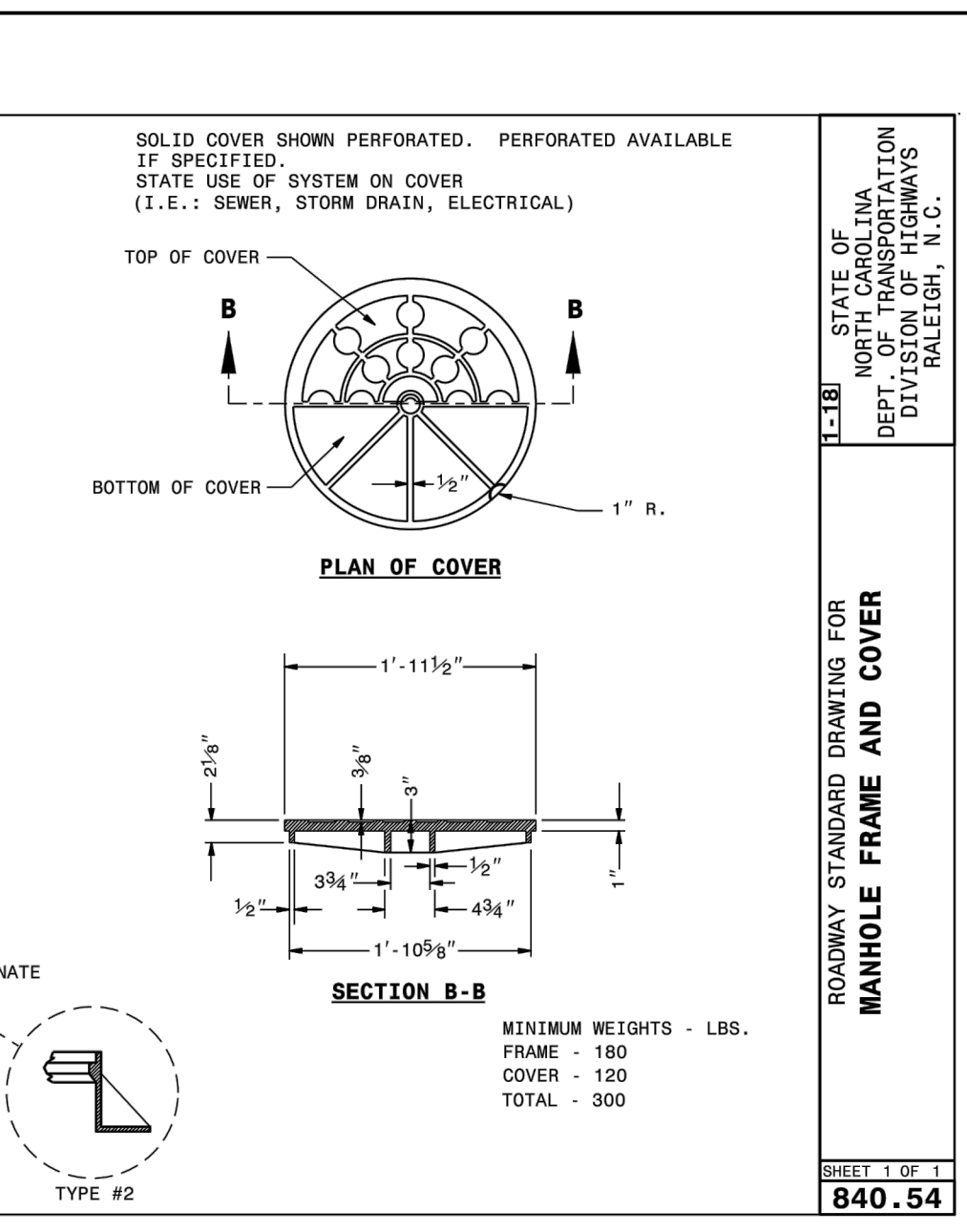
WEGMANS BALLANTYNE
100 WEGMANS
MARKETS STREET
ROCHESTER, NEW YORK 14624

LANDDESIGN PROJ# 1023199

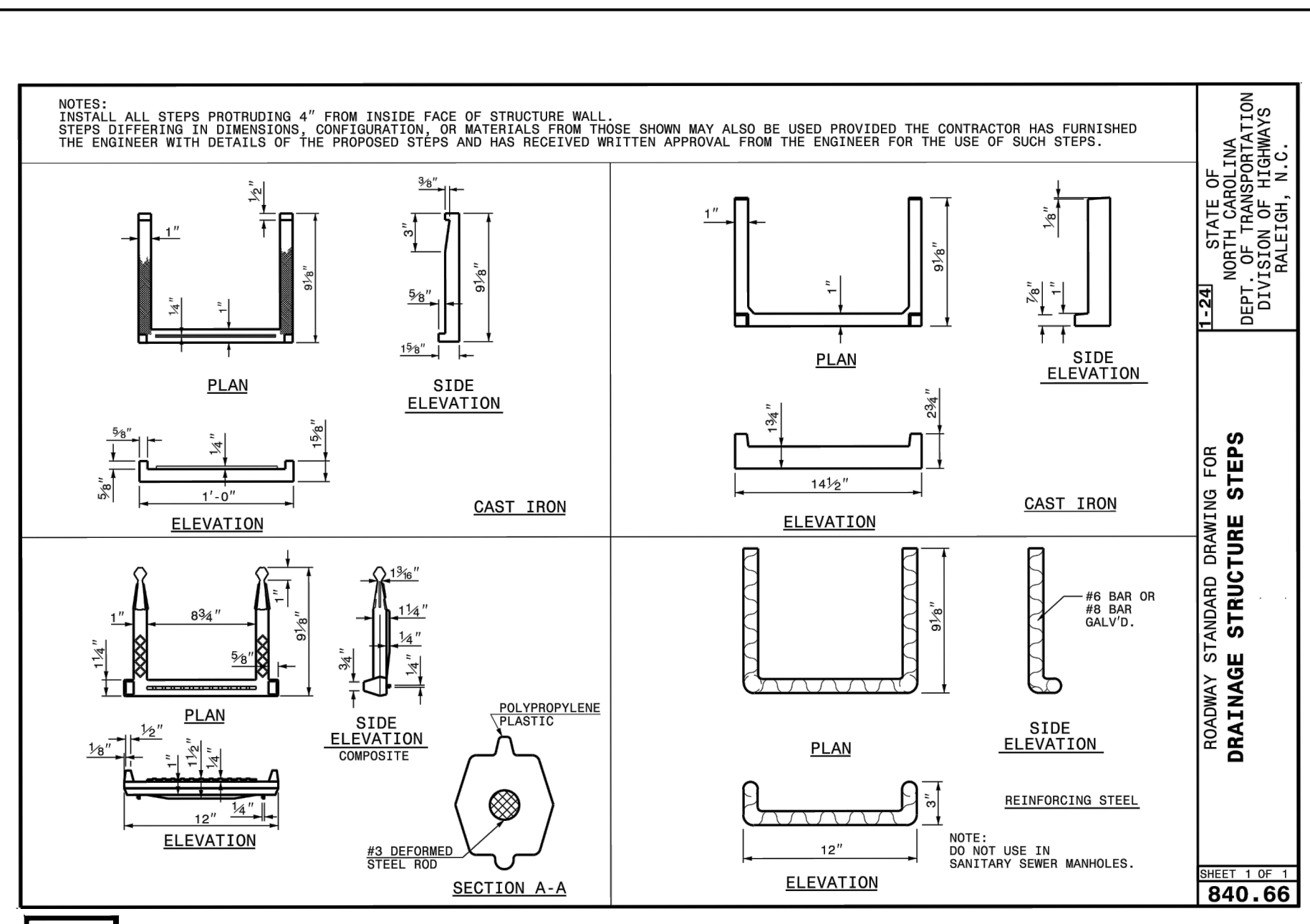
REVISION / ISSUANCE

NO.	DESCRIPTION	DATE
1	LAND DEVELOPMENT	05/23/2024
2	LAND DEVELOPMENT 2ND SUBMITTAL	08/13/2024
3	LAND DEVELOPMENT 3RD SUBMITTAL	09/18/2024

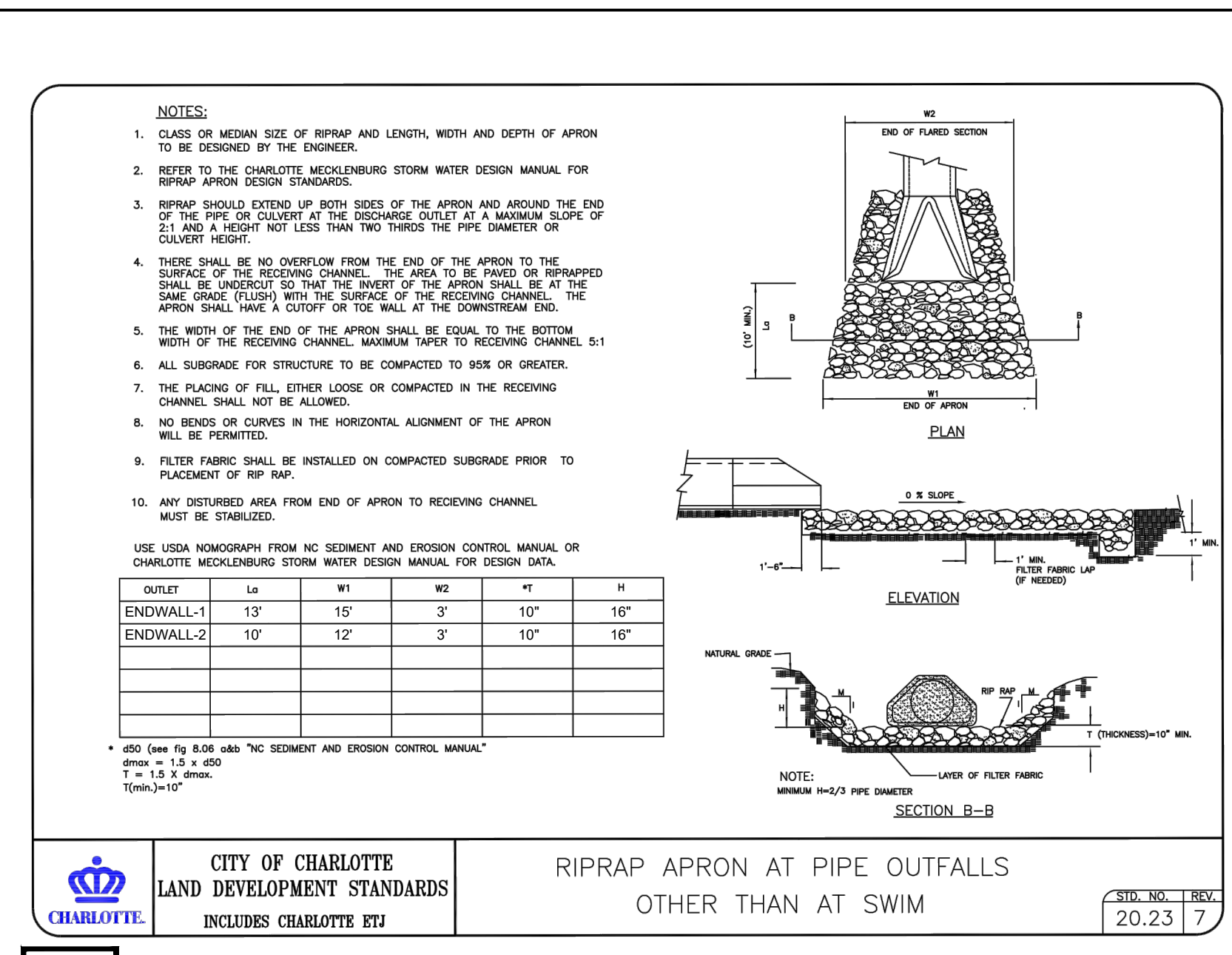
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VERT: N/A
HORZ: N/A
SHEET TITLE: STORM DETAILS
SHEET NUMBER: C4-06



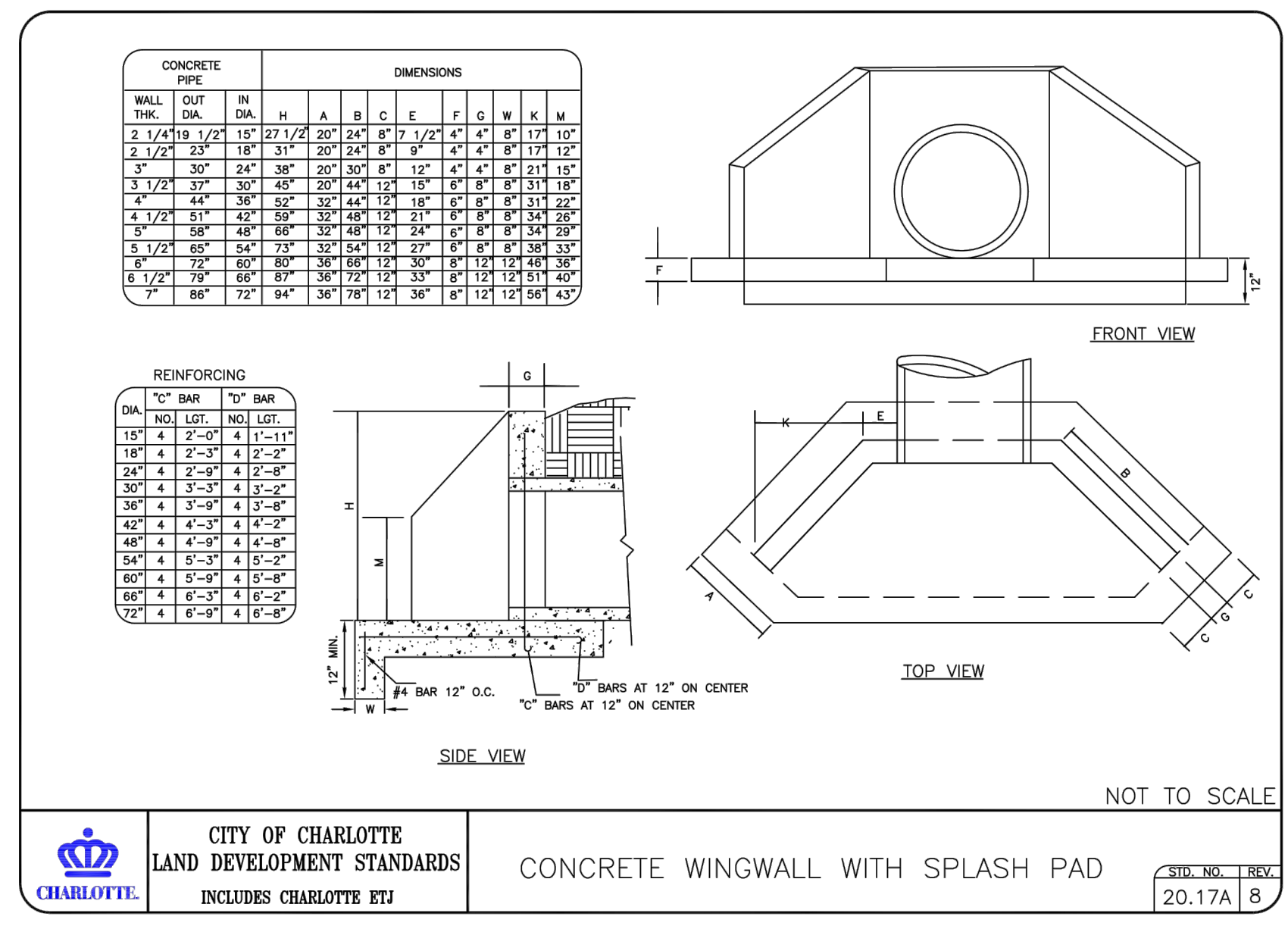
01 MANHOLE FRAME AND COVER
NCDOT STD. NO. 840.54



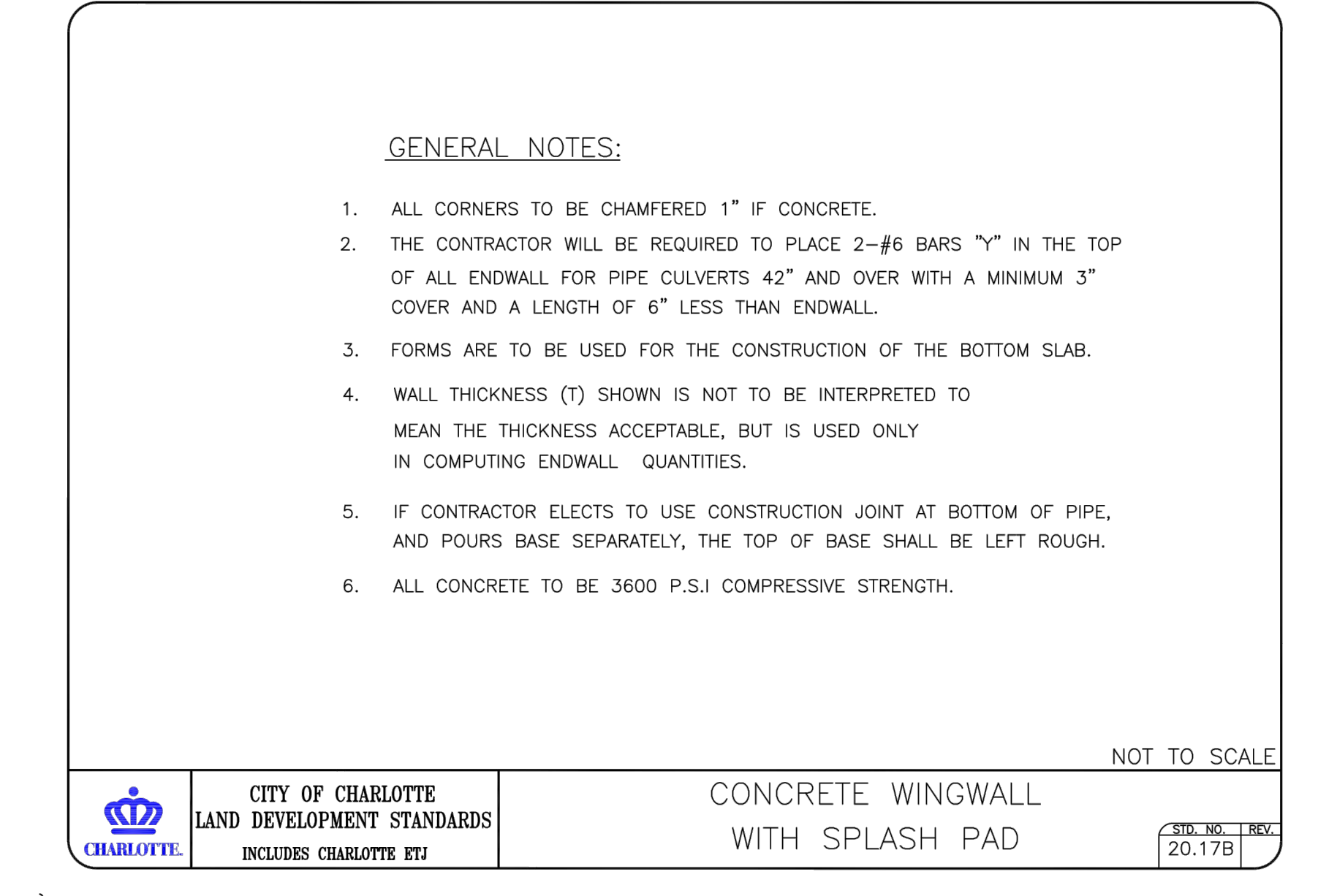
02 DRAINAGE STRUCTURES STEPS
NCDOT STD. NO. 840.66



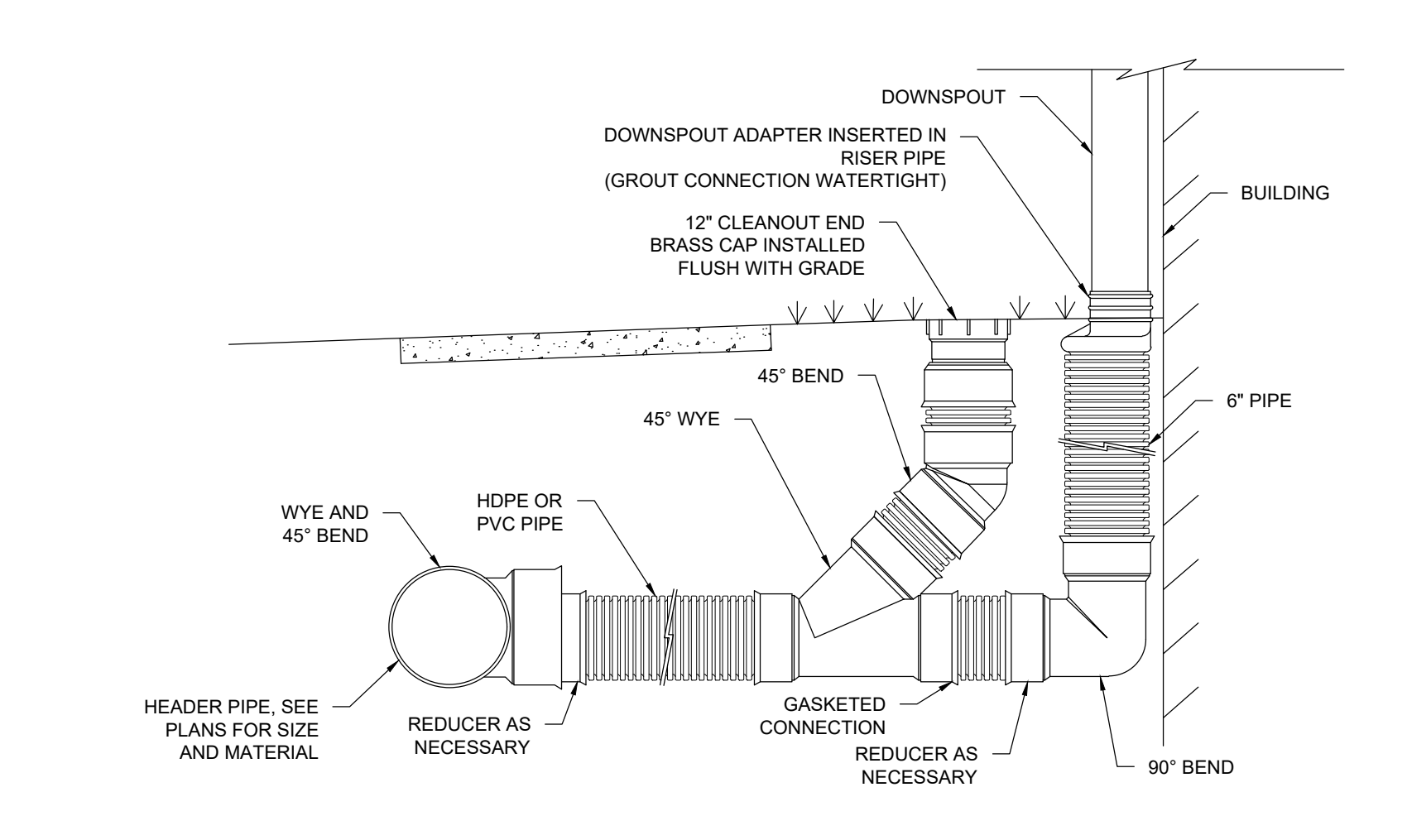
03 RIPRAP APRON AT PIPE OUTFALLS
CLT STD. NO. 20.23



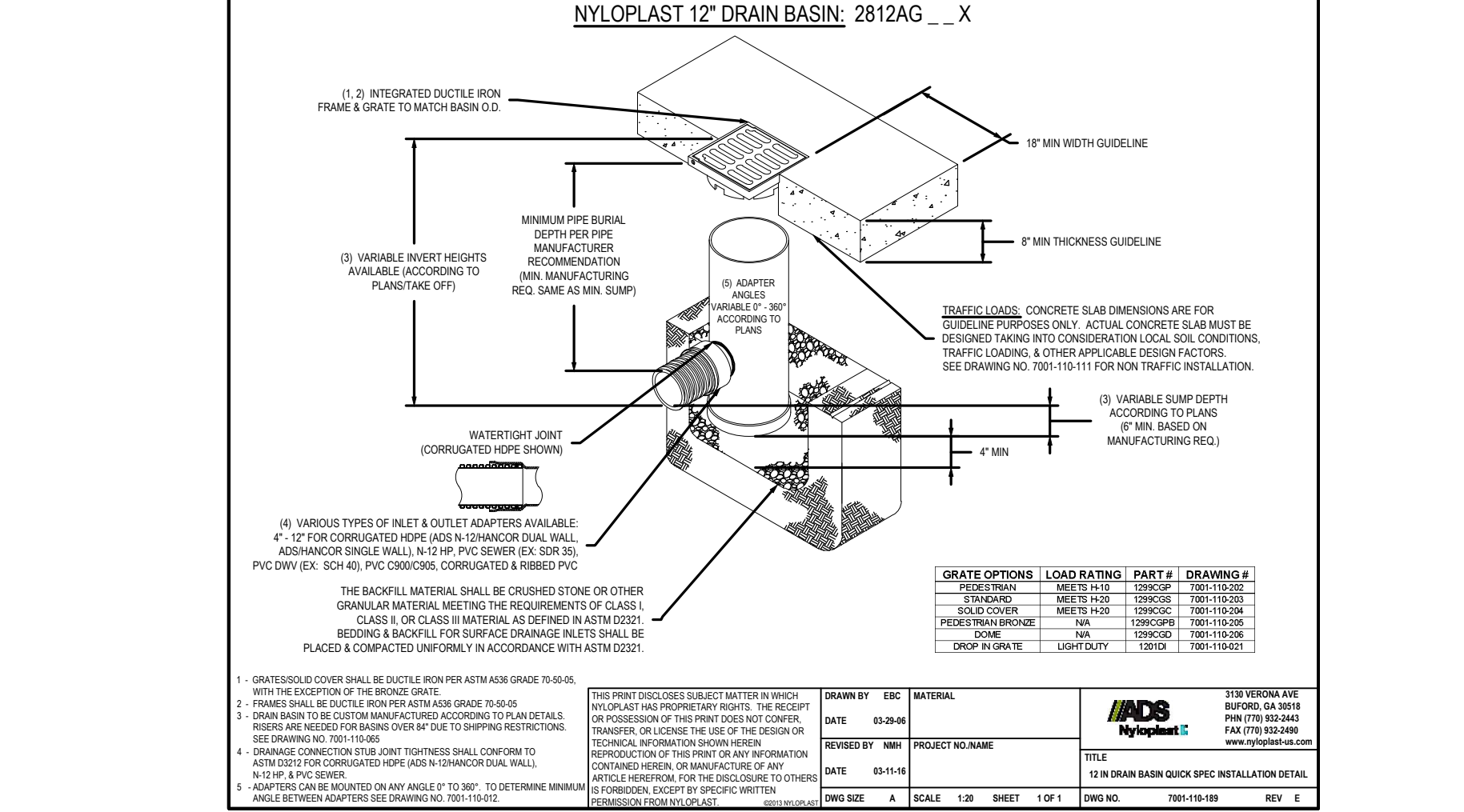
04 CONCRETE WINGWALL WITH SPLASH PAD
CLT STD. NO. 20.17A



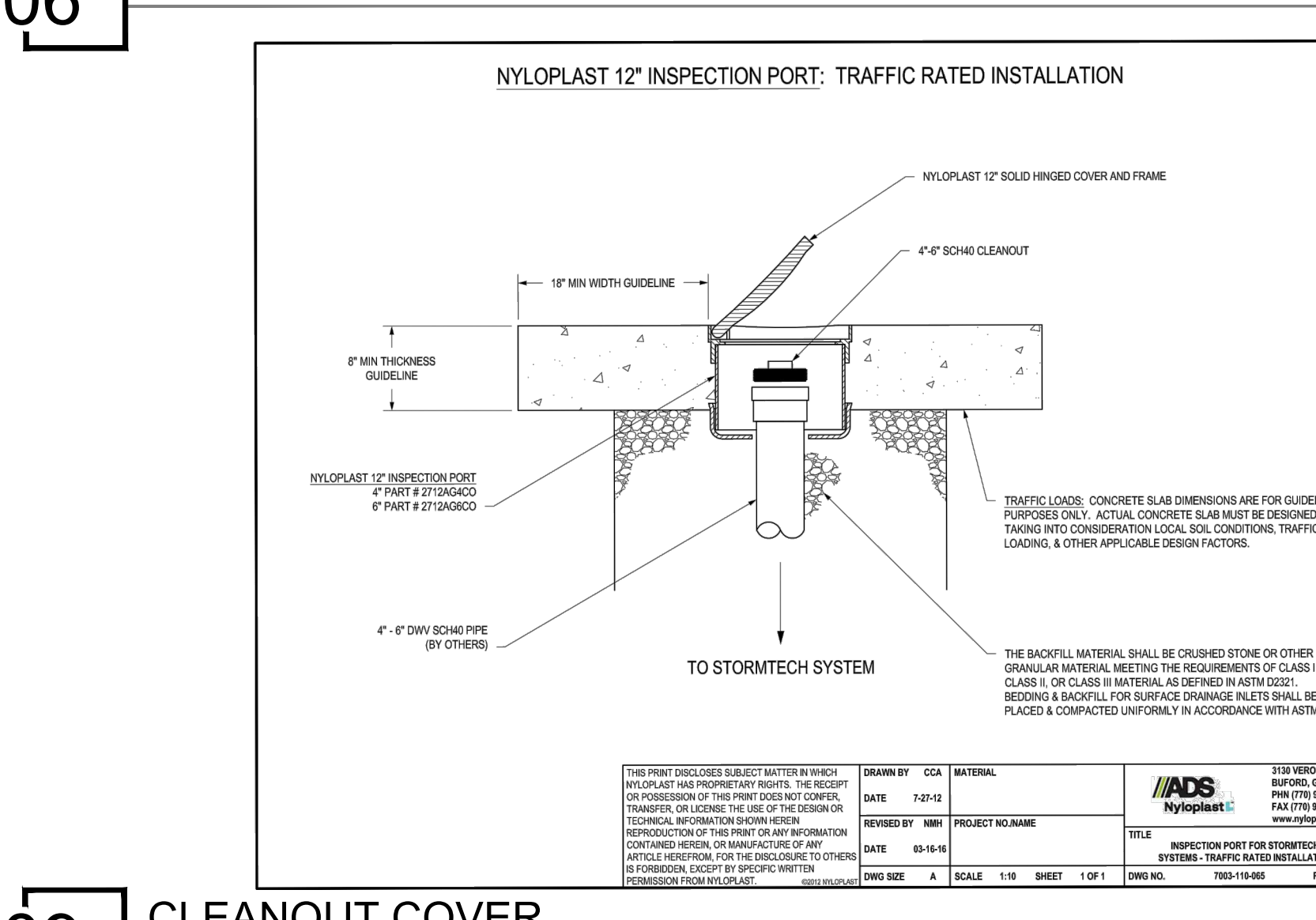
05 CONCRETE WINGWALL WITH SPLASH PAD
CLT STD. NO. 20.17B



07 ROOF DRAINAGE DOWNSPOUT CONNECTION



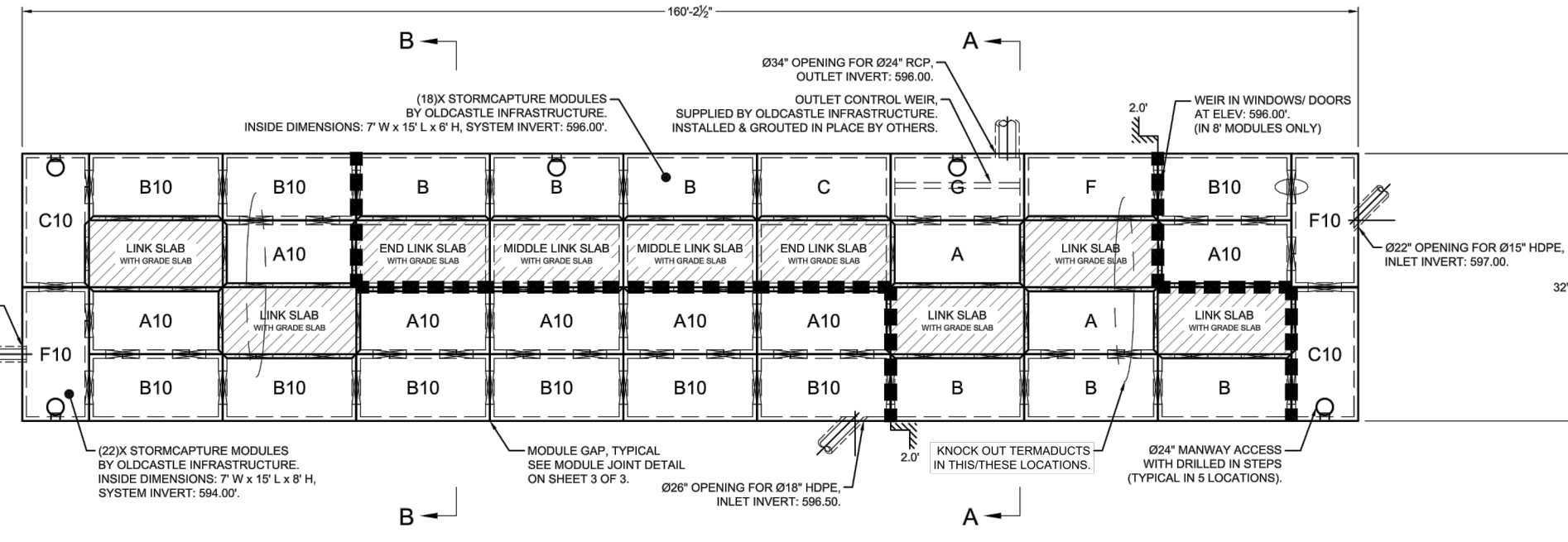
08 DRAIN BASIN



09 CLEANOUT COVER

MODULE NOTES

TYPE	QUANTITY	HEIGHT
B	2	6"
C	1	6"
D	1	6"
E	1	6"
F	1	6"
A10	7	6"
B10	9	6"
C10	2	6"
LINK SLAB	6	6"
MIDDLE LINK SLAB	2	6"
END LINK SLAB	2	6"
TOTAL	43	6"
VOLUME	27,288	FEET

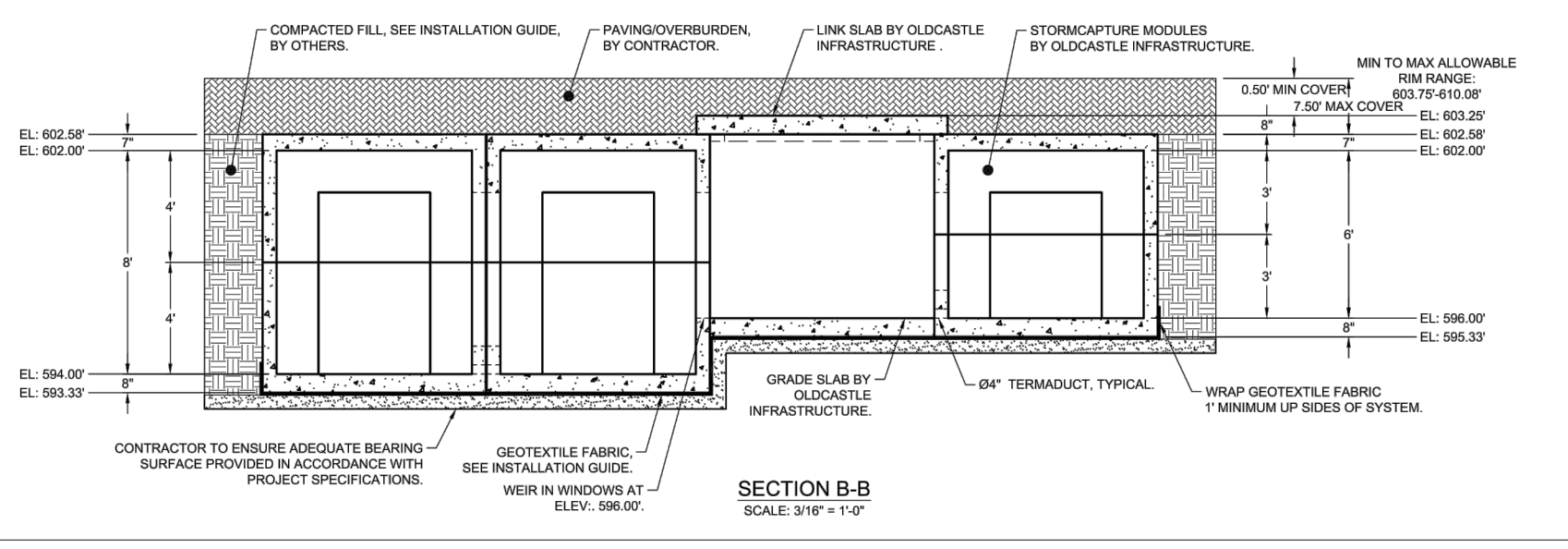
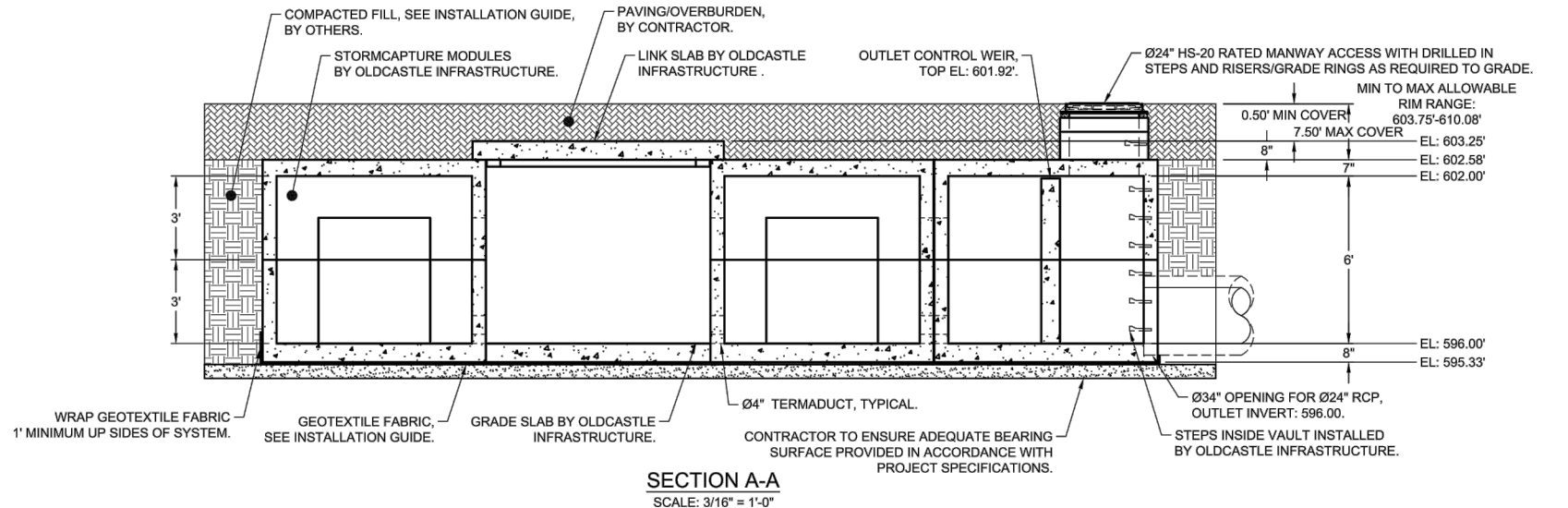
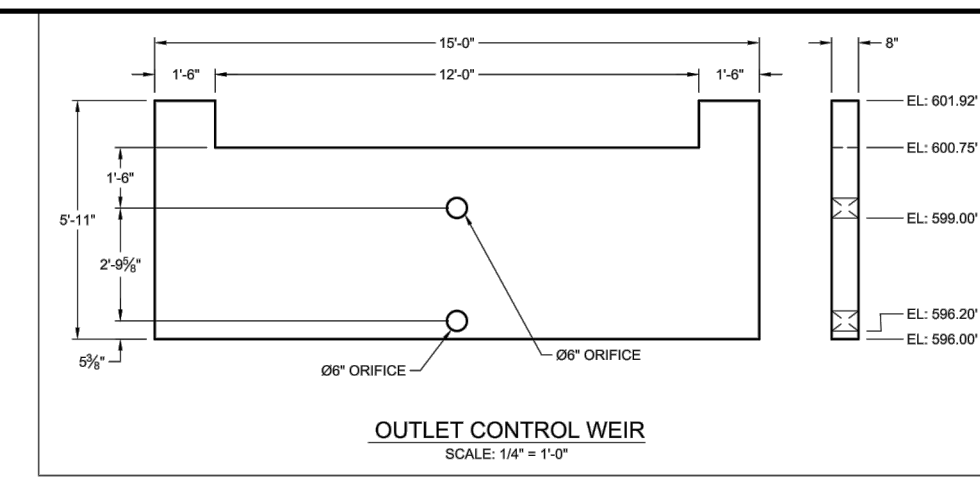


- DESIGN NOTES**
- LIVE LOADING CRITERIA:
 - AASHTO HS-20-44 DESIGN TRUCK (WITH IMPACT AT 0.50FT MINIMUM COVER)
 - LATERAL LIVE LOAD SURCHARGE: 80 PSF (TO 8.00FT DEPTH)
 - NO LATERAL SURCHARGE(S) FROM ANY ADJACENT BUILDINGS, WALLS, FOUNDATIONS, OR ANY ADDITIONAL SITE ELEMENTS.
 - SOIL LOADING CRITERIA:
 - SOIL COVER DEPTH: 0.50FT (MIN.) - 7.50FT (MAX.)
 - SOIL UNIT WEIGHT: 120 PCF
 - ASSUMED WATER TABLE ELEVATION: BELOW BOTTOM OF PRECAST
 - REQUIRED ALLOWABLE BEARING PRESSURE: 3,000 PSF
 - EQUIVALENT LATERAL FLUID PRESSURE: ACTIVE: 45 PCF (DRAINED)
 - EQUIVALENT LATERAL FLUID PRESSURE: PASSIVE: 60 PCF (DRAINED)
 - EQUIVALENT LATERAL FLUID PRESSURE: PASSIVE: 150 PCF (DRAINED)
 - ASSUMED COEFFICIENT OF FRICTION: 0.40
 - SEISMIC LATERAL EARTH PRESSURES: NOT APPLICABLE
 - STORMCAPTURE MODULE TYPE: DETENTION (SOILTIGHT).
 - CONCRETE NORMAL WEIGHT:
 - MIN. 28-DAY COMPRESSIVE STRENGTH: 8,000 PSI
 - CEMENT: ASTM C150
 - STEEL REINFORCEMENT: ASTM A615 / A706 (GRADE 60), ASTM A1064 (GRADE 80)
 - REFERENCE STANDARDS: ASTM C913 & C890, ACI 318-14

Oldcastle Infrastructure

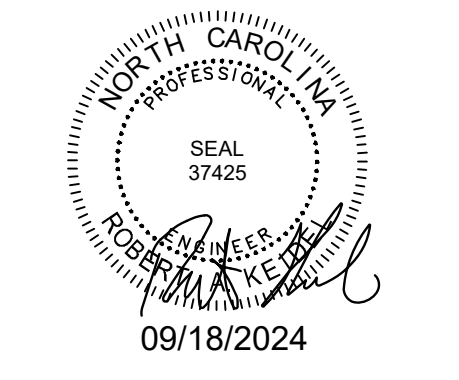
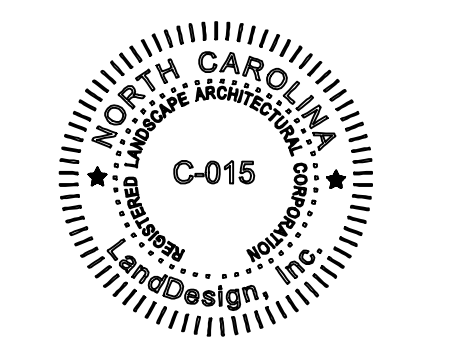
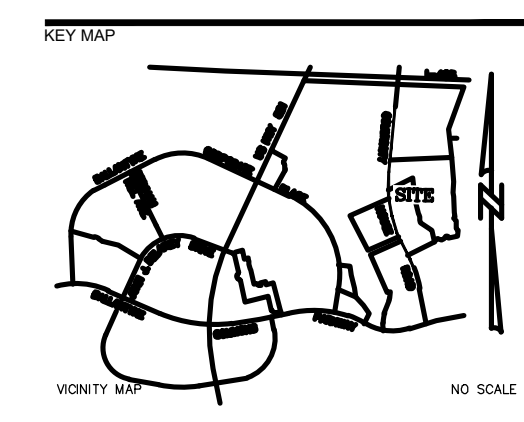
CONCEPTUAL DRAWING 1 OF 3

- REVIEWING NOTES**
- THIS SYSTEM HAS BEEN DESIGNED PER THE DESIGN PARAMETERS SPECIFIED IN THE DESIGN NOTES. REVIEWING ENGINEER SHALL VERIFY THAT THESE PARAMETERS MEET OR EXCEED PROJECT SPECIFIC REQUIREMENTS. IF SITE CONDITIONS DIFFER FROM NOTED DESIGN PARAMETERS, REVIEWING ENGINEER SHALL NOTIFY OLDCASTLE FOR POTENTIAL REDSIGN AND/OR PRICING ADJUSTMENTS.
 - REVIEWING ENGINEER SHALL VERIFY ALL PIPE PENETRATION LOCATIONS, SIZES, AND INVERTS.
 - REVIEWING ENGINEER SHALL VERIFY ALL MANWAY ACCESS LOCATIONS AND RIM ELEVATIONS.
 - THIS SYSTEM IS DESIGNED FOR A GROUNDWATER TABLE ELEVATION PER DESIGN NOTE 2C, SHEET 1. REVIEWING ENGINEER SHALL VERIFY THAT THE DESIGN GROUNDWATER ELEVATION MEETS OR EXCEEDS SITE CONDITION REQUIREMENTS. NOTIFY OLDCASTLE IF SITE CONDITIONS VARY FROM WHAT HAS BEEN SPECIFIED FOR POTENTIAL SYSTEM DESIGN CHANGES AND/OR PRICING ADJUSTMENTS.
 - STORMCAPTURE MODULES ARE NOT WATERTIGHT. IF A WATERTIGHT SOLUTION IS REQUIRED, CONTACT OLDCASTLE FOR RECOMMENDATIONS. THE WATERTIGHT APPLICATION TO BE PROVIDED AND IMPLEMENTED BY THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT THE SELECTED WATERTIGHT SOLUTION PERFORMS AS SPECIFIED BY THE MANUFACTURER.
 - DESIGN OF THE STORMCAPTURE PRECAST MODULE SYSTEM ASSUMES NO ADJACENT BUILDING(S), WALL(S), OR STRUCTURAL FOUNDATION(S) WITHIN A 1:1 INFLUENCE LINE FROM THE BOTTOM EDGE OF ANY SYSTEM MODULE. ANY SITE ELEMENTS BEYOND THIS ZONE OF INFLUENCE ARE ASSUMED TO HAVE NO IMPACT ON THE SYSTEM AND EXERT ZERO LATERAL SURCHARGE ONTO THE MODULES. THE CONTRACTOR SHALL VERIFY THAT ANY ADJACENT BUILDING(S), WALL(S), OR STRUCTURAL FOUNDATION(S) DO NOT LIE WITHIN THIS INFLUENCE ZONE OR DO NOT SURCHARGE THE PRECAST MODULES.
 - WRITTEN APPROVAL OF SUBMITTAL DRAWINGS ALONG WITH SIGNED PURCHASE ORDER REQUIRED FOR BEGINNING OF PRODUCT FABRICATION. ANY SYSTEM MODIFICATION POST-APPROVAL MAY RESULT IN CHANGE ORDER(S) AND/OR POTENTIAL DELIVERY DELAYS.
 - ALL SAND FILTER MEDIA, DRAIN ROCK AGGREGATE, PIPE, AND FITTINGS PROVIDED BY CONTRACTOR.



Oldcastle Infrastructure

CONCEPTUAL DRAWING 2 OF 3



PROJECT

WEGMANS BALLANTYNE

WEGMANS
 100 WEGMANS
 MARKETS STREET
 ROCHESTER, NEW YORK 14624

LANDDESIGN PROJ# 1023199

REVISION / ISSUANCE

NO.	DESCRIPTION	DATE
1	LAND DEVELOPMENT	05/23/2024
2	LAND DEVELOPMENT 2ND SUBMITTAL	08/13/2024
3	LAND DEVELOPMENT 3RD SUBMITTAL	09/18/2024

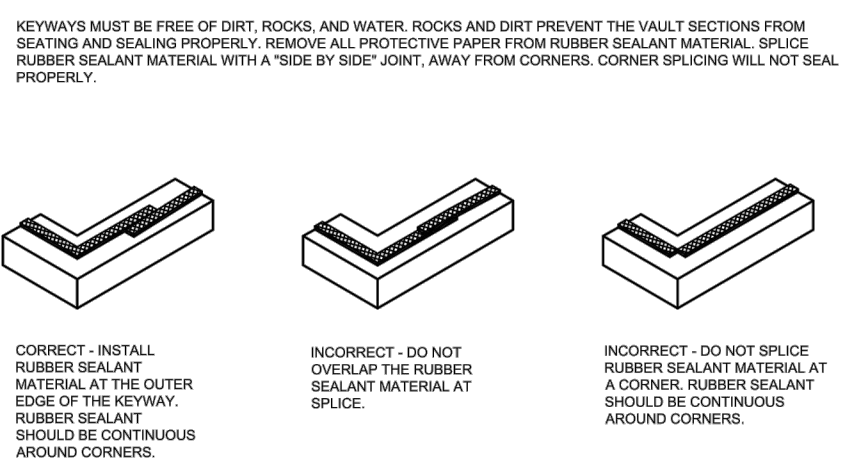
SCALE: NORTH

VERT: N/A
 HORZ: N/A

SHEET TITLE
BMP DETAILS-UG DETENTION

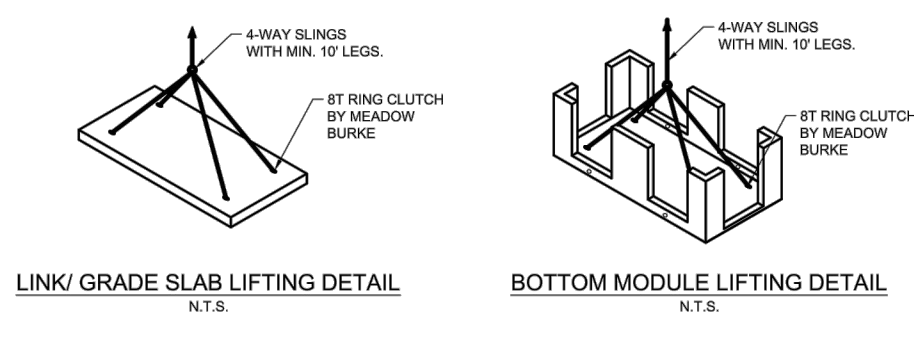
SHEET NUMBER
C4-08

- INSTALLATION NOTES**
- UNDERGROUND PRECAST CONCRETE SYSTEM INSTALLATION SHALL BE PER ASTM C881, "STANDARD PRACTICE FOR INSTALLATION OF UNDERGROUND PRECAST CONCRETE UTILITY STRUCTURES".
 - MODULE SUBBASE OR SUBGRADE SHALL BE LEVEL, SCREENED AND COMPACTED ADEQUATELY FOR REQUIRED BEARING CAPACITY PER DESIGN NOTE 2D, SHEET 1. CONTRACTOR AND/OR INSTALLING SUB-CONTRACTOR SHALL VERIFY THAT SOIL BEARING CONDITIONS MEET OR EXCEED DESIGN REQUIRED MINIMUMS PRIOR TO PLACEMENT AND INSTALLATION OF MODULES.
 - ANY CONSTRUCTION EQUIPMENT EXCEEDING NOTED DESIGN LOADING IS NOT PERMITTED OVER OR ADJACENT TO ANY MODULE WITHOUT FORMAL REVIEW AND WRITTEN APPROVAL BY OLDCASTLE ENGINEERING. ELSE PRODUCT WARRANTY MAY BE VOIDED. ANY DESIGN CONSTRAINT EXCEEDING THE DESIGN PARAMETERS NOTED ABOVE MAY REQUIRE CUSTOM STRUCTURAL DESIGN, SUBGRADE REVISIONS, AND/OR PRICING ADJUSTMENTS.
 - HEAVY VIBRATORY COMPACTION EQUIPMENT SHALL NOT BE OPERATED WITHIN 10 FEET OF MODULE EXTERIORS.
 - MINIMUM OF 0.50FT OF SOIL COVER REQUIRED FOR CONSTRUCTION EQUIPMENT OPERATION ON TOP OF SYSTEM. IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND INSTALLING SUB-CONTRACTOR TO ENSURE THAT NO MODULES ARE DAMAGED DURING CONSTRUCTION.
 - UNLESS NOTED OTHERWISE, ALL PIPE SUPPLIED AND INSTALLED BY OTHERS. CONTRACTOR MAY MODIFY AT RISK ANY OLDCASTLE PRODUCT(S) IN THE FIELD OR AFTER DELIVERY WITHOUT FORMAL REVIEW AND WRITTEN APPROVAL BY OLDCASTLE ENGINEERING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT ANY PRODUCT MODIFICATIONS DO NOT INVALIDATE THE PRODUCT WARRANTY.
 - MODULE PLACEMENT FIELD TOLERANCES SHALL NOT EXCEED 3/4" BETWEEN ADJACENT MODULES. IF MODULE GAP EXCEEDS 3/4", CONTRACTOR SHALL MAKE NECESSARY ADJUSTMENTS AND RESET MODULE(S) TO BRING WITHIN NOTED TOLERANCES.
 - CONTRACTOR IS RESPONSIBLE FOR PRODUCTS ONCE DELIVERED TO THE SITE. OLDCASTLE IS NOT RESPONSIBLE FOR PRODUCTS ONCE THEY ARRIVE TO THE SITE. MAINTENANCE, AND INSTALLATION OF PRODUCTS INCLUDING THE SITE.
 - CONTRACTOR SHALL INSTALL SYSTEM PER PROJECT WATERPROOFING AND SOILTIGHTNESS REQUIREMENTS. WATERPROOFING AND SOILTIGHTNESS INSTALLATION IS NOT BY OLDCASTLE AND OLDCASTLE WILL PROVIDE NO GUARANTEE FOR THIS COMPONENT OF SYSTEM INSTALLATION.



MAXIMUM EQUIPMENT OPERATING WEIGHT (OW) BY TRACK WIDTH

TRACK WIDTH	12"	18"	24"	30"
MIN TRACK LENGTH	8'-0"	10'-0"	12'-0"	14'-0"
FILL DEPTH (FT)	OW (LBS)	OW (LBS)	OW (LBS)	OW (LBS)
0.5	35,000	45,000	52,500	64,000
1	35,000	45,000	56,000	60,500
2	35,000	45,000	56,000	64,000
3	76,000	78,500	83,500	88,000
4	84,000	100,000	106,000	113,000
5	100,000	116,000	132,000	149,000



Oldcastle Infrastructure

CONCEPTUAL DRAWING 3 OF 3

FINAL APPROVAL
 DATE: 10/11/2024
 PROJECT NUMBER: LDCP-2024-00382

NOTE: THIS PLAN APPROVAL DOES NOT INCLUDE CHARLOTTE WATER FOR MORE INFORMATION, PLEASE CALL 704-336-5499 or visit charlottewater.org

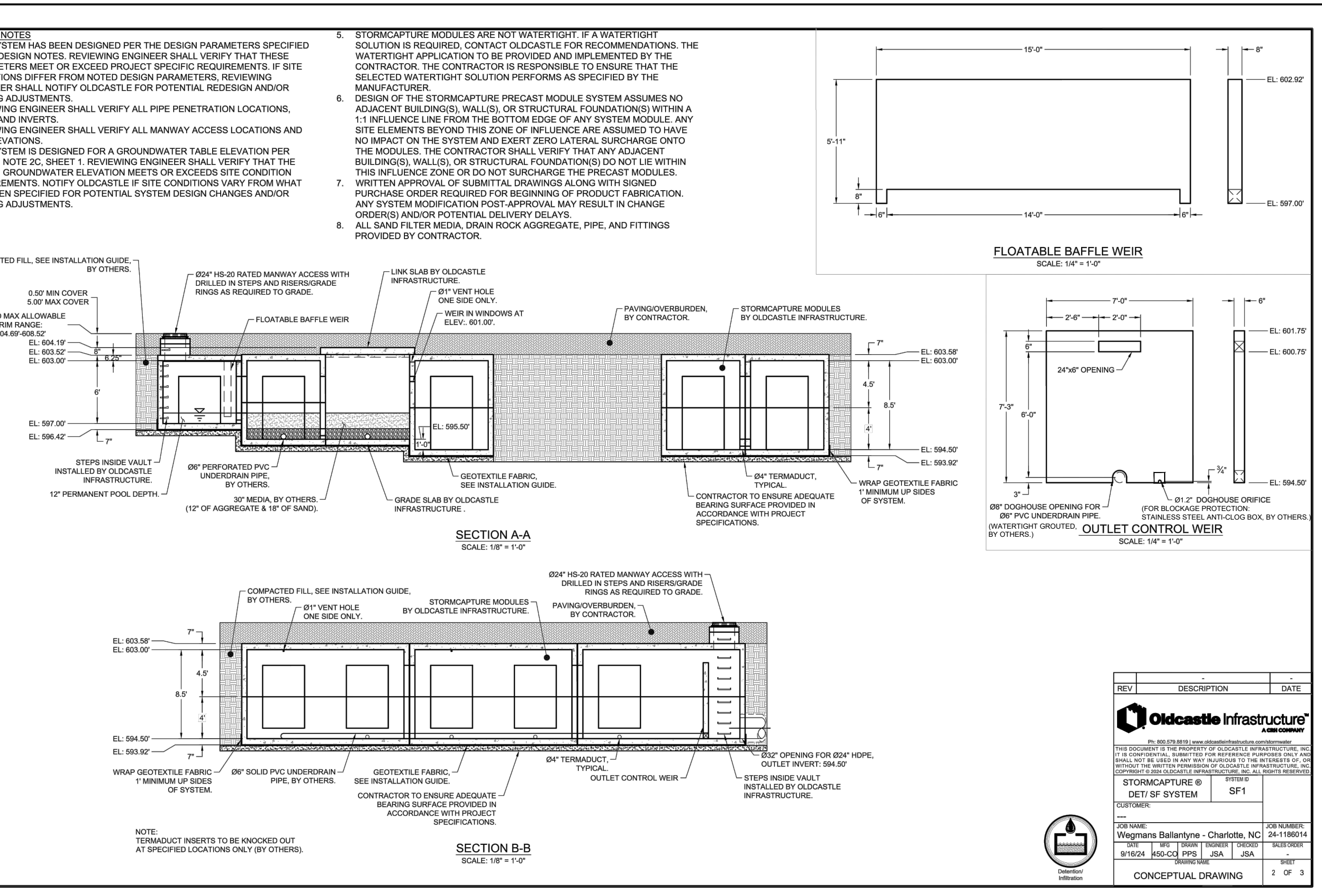
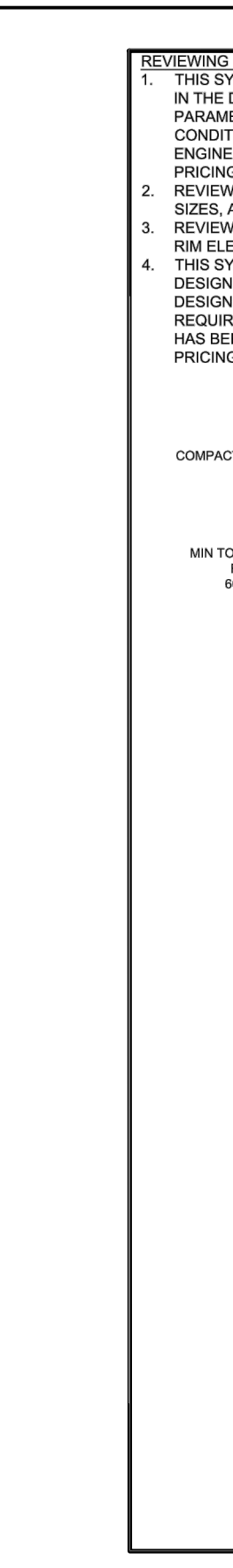
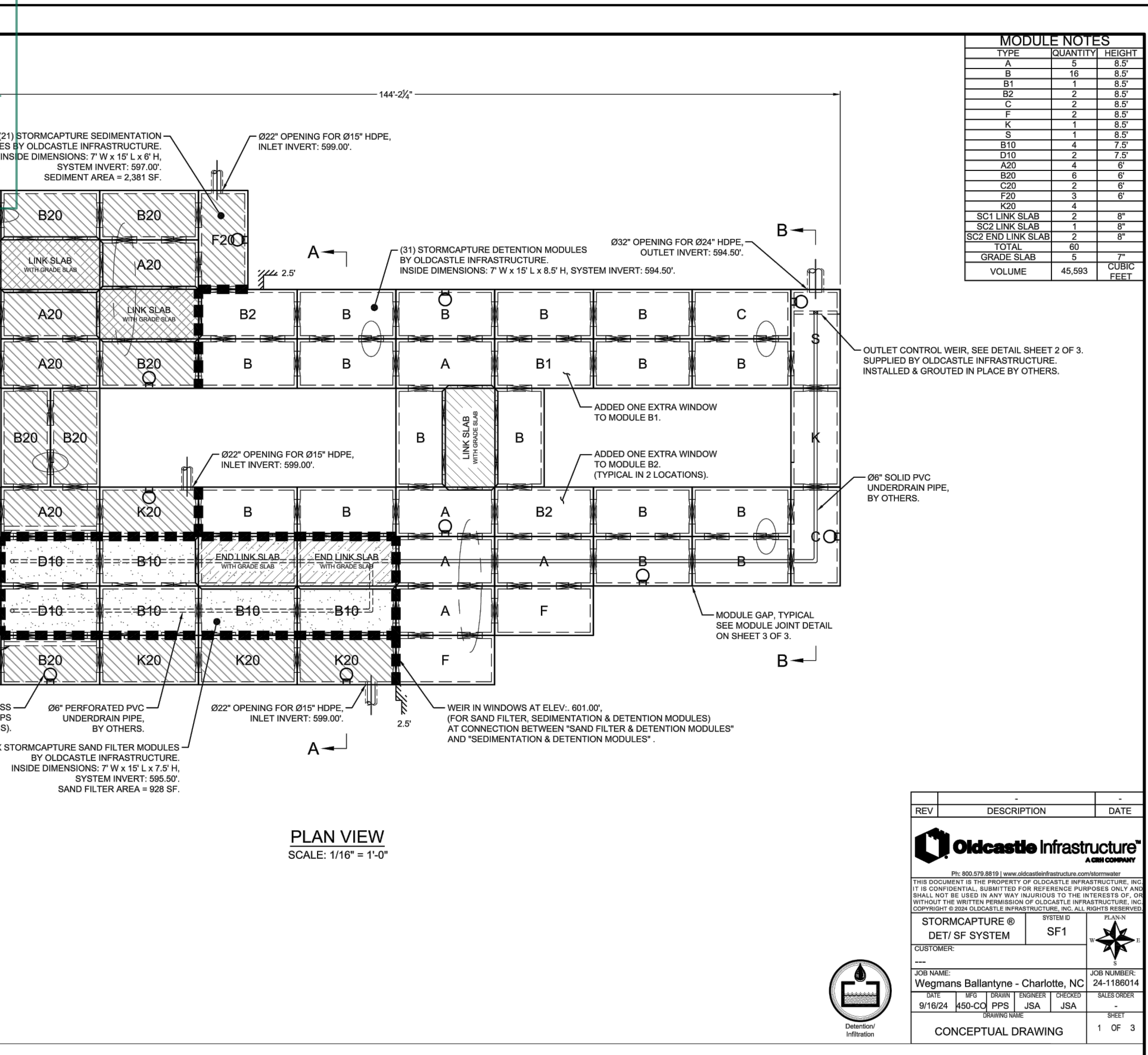
FOR INFORMATION, PLEASE CALL 704-336-5499 or visit charlottewater.org

INDICATES DETENTION MODULES

INDICATES SYSTEM ELEVATION STEP

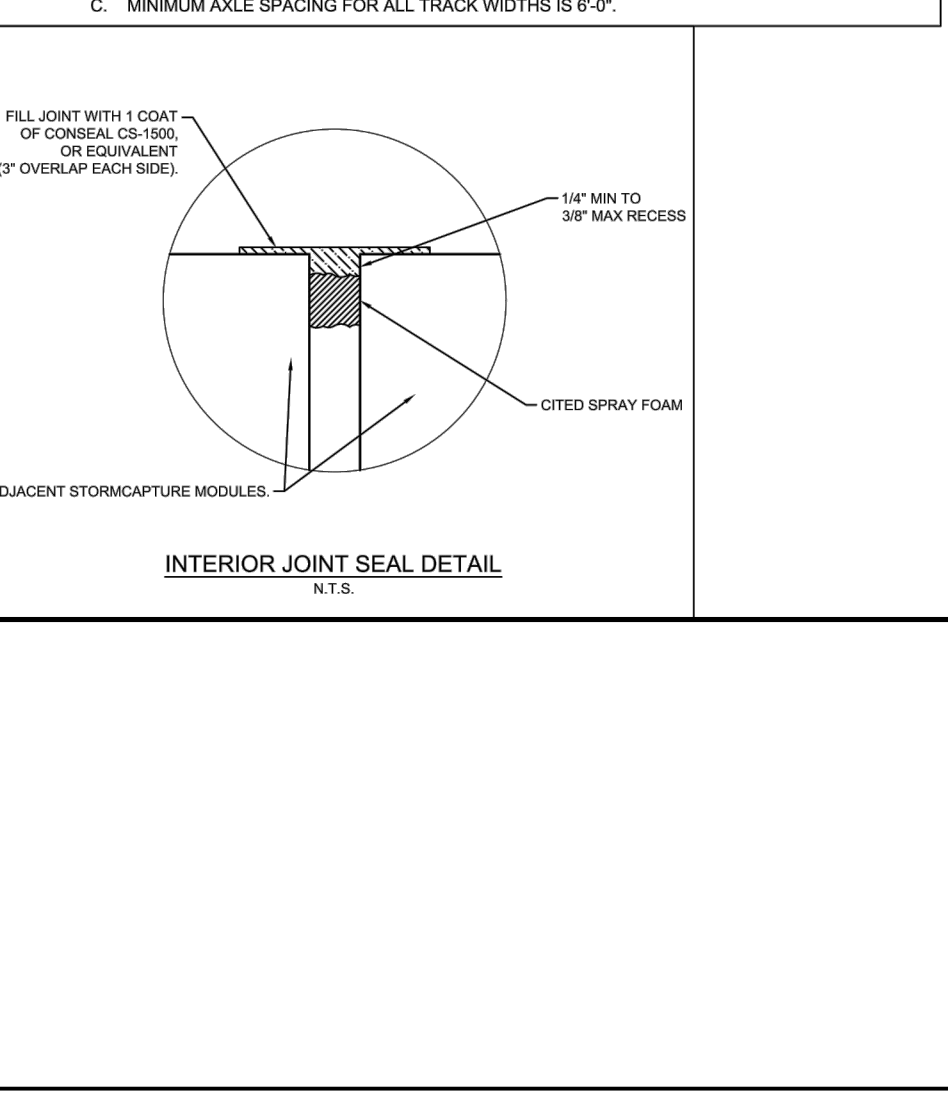
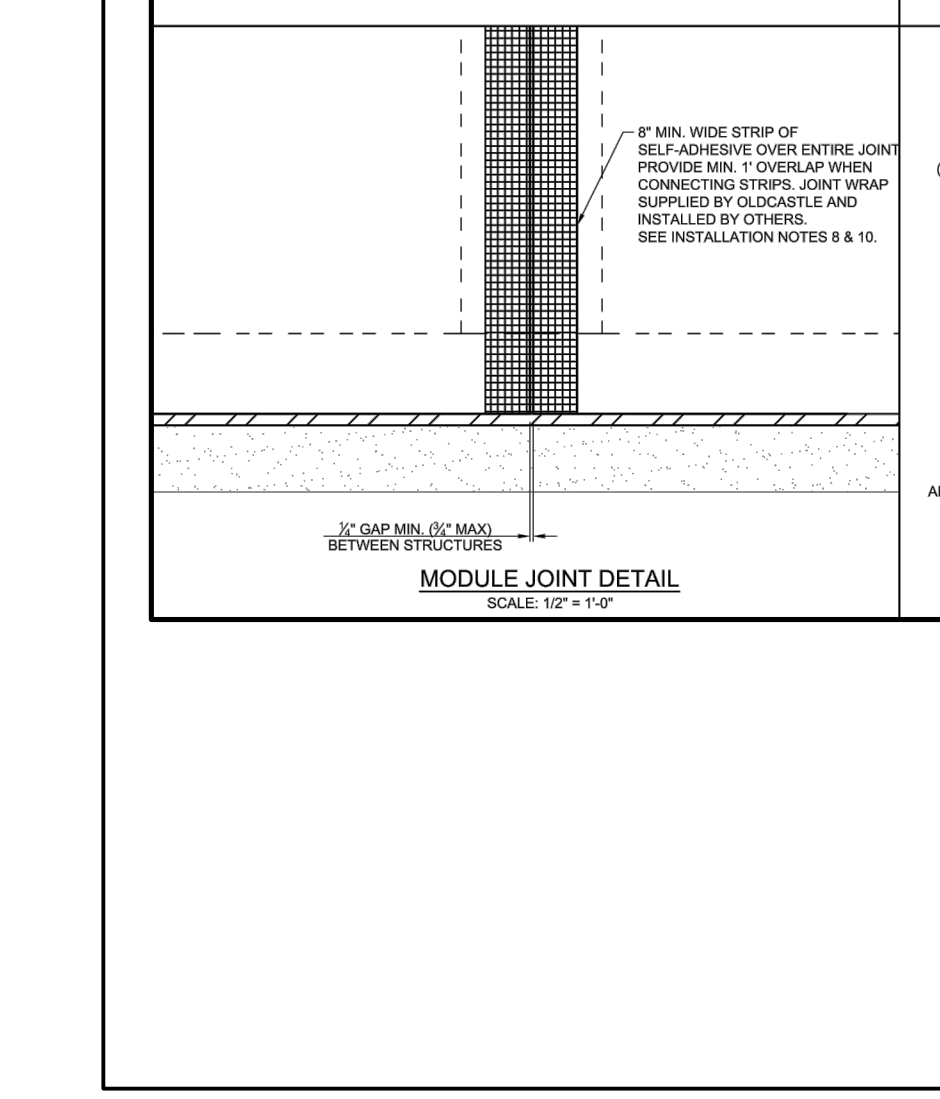
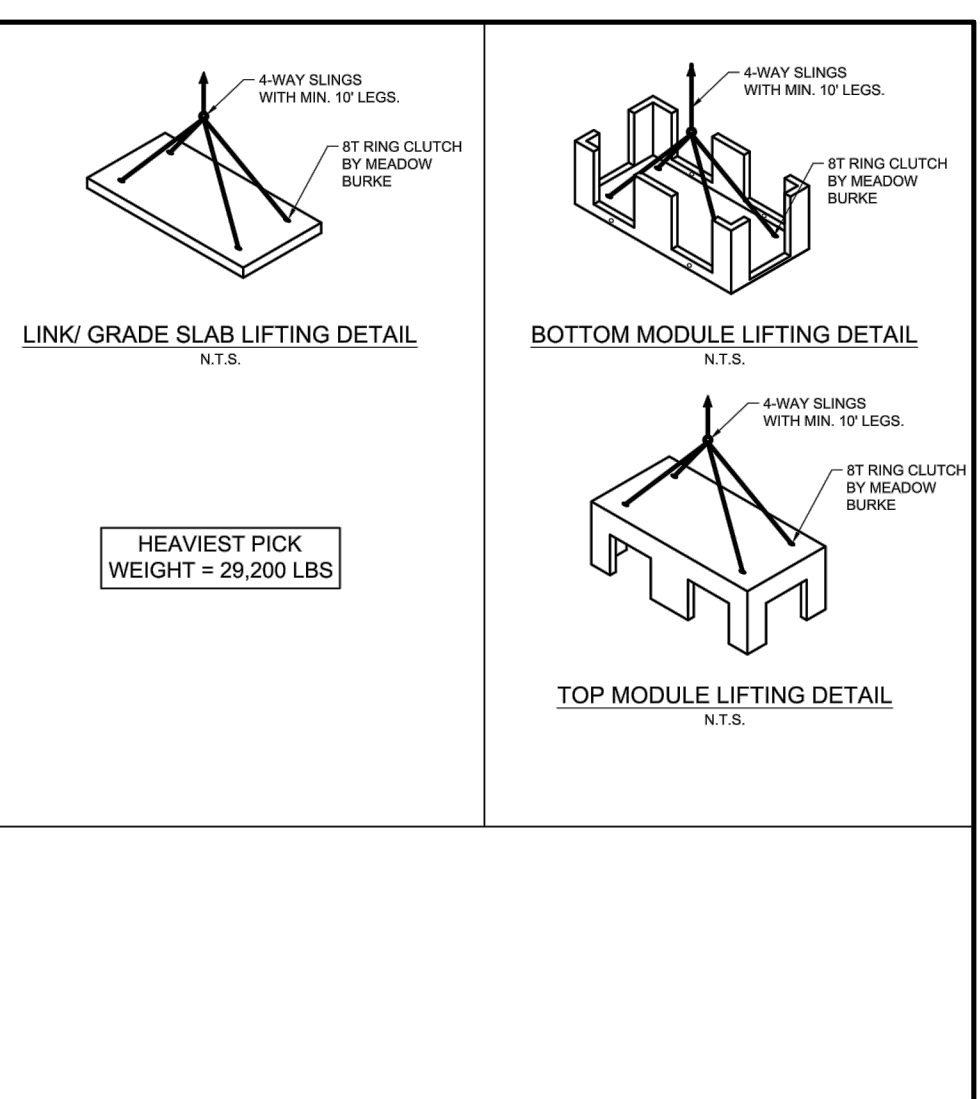
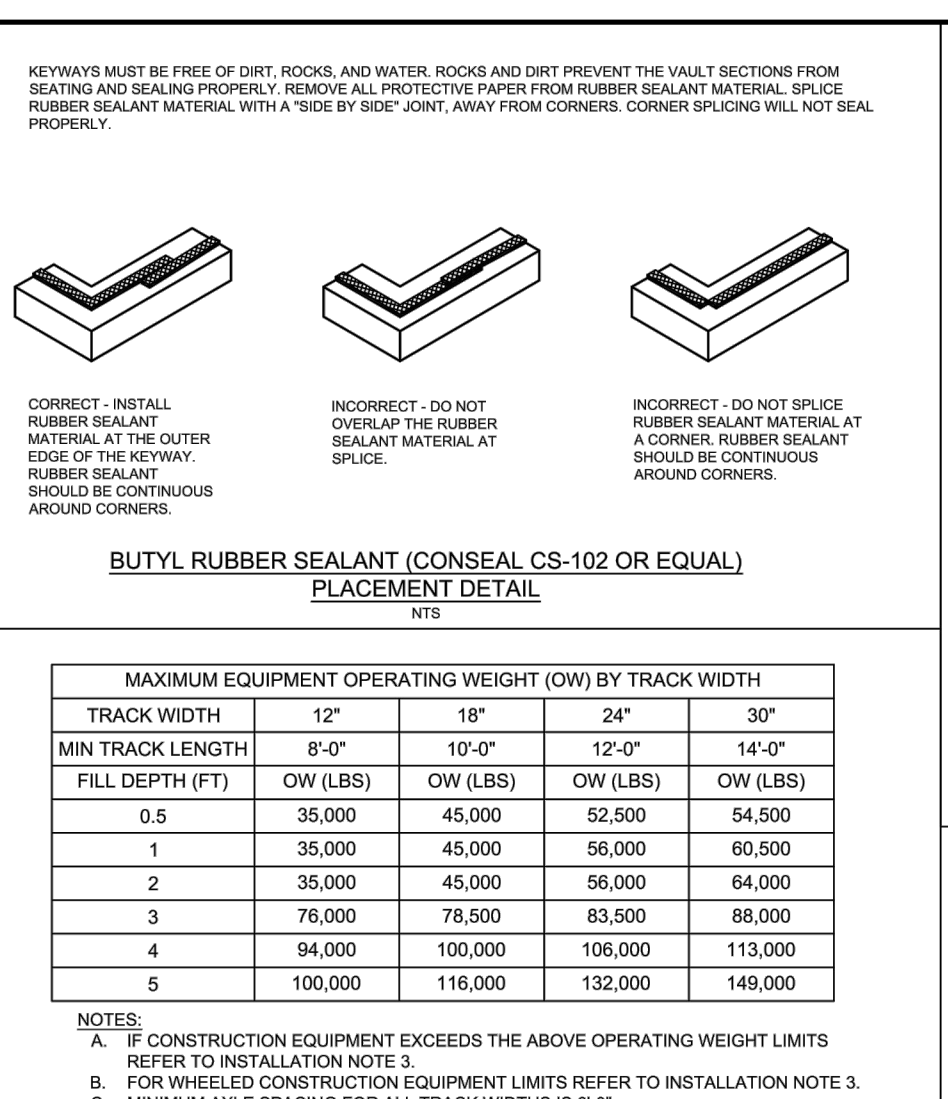
DESIGN NOTES

- LIVE LOADING CRITERIA
 - AASHTO HS-20-44 DESIGN TRUCK (WITH IMPACT AT 0.50FT MINIMUM COVER)
 - LATERAL LIVE LOAD SURCHARGE: 80 PSF TO 1.00FT DEPTH)
 - NO LATERAL SURCHARGE(S) FROM ANY ADJACENT BUILDINGS, WALLS, FOUNDATIONS, OR ANY ADDITIONAL SITE ELEMENTS.
- SOIL LOADING CRITERIA
 - SOIL COVER DEPTH: 0.50FT (MIN.) - 5.00FT (MAX.)
 - SOIL UNIT WEIGHT: 120 PCF
 - ASSUMED WATER TABLE ELEVATION: BELOW BOTTOM OF PRECAST
 - REQUIRED ALLOWABLE BEARING PRESSURE: 3,000 PSF
 - EQUIVALENT LATERAL FLUID PRESSURE, ACTIVE: 80 PCF (DRAINED)
 - EQUIVALENT LATERAL FLUID PRESSURE, AT-REST: 60 PCF (DRAINED)
 - EQUIVALENT LATERAL FLUID PRESSURE, PASSIVE: 150 PCF (DRAINED)
 - ASSUMED COEFFICIENT OF FRICTION: 0.45
 - SEISMIC LATERAL EARTH PRESSURES: NOT APPLICABLE
- STORMCAPTURE MODULE TYPE: DET/SF (SOLIGHTH)
- CONCRETE (NORMAL WEIGHT)
 - MIN. 28-DAY COMPRESSIVE STRENGTH: 6,000 PSI
 - CEMENT: ASTM C150
 - STEEL REINFORCEMENT: ASTM A615 / A706 (GRADE 60), ASTM A1064 (GRADE 80)
 - REFERENCE STANDARDS: ASTM C913 & C890, ACI 318-14



INSTALLATION NOTES

- UNDERGROUND PRECAST CONCRETE SYSTEM INSTALLATION SHALL BE PER ASTM C891, "STANDARD PRACTICE FOR INSTALLATION OF UNDERGROUND PRECAST CONCRETE UTILITY STRUCTURES" AND PER OLDCASTLE PRECAST SUBBASE OR SUBGRADE SHALL BE LEVEL/SCREEDED AND COMPACTED ADEQUATELY FOR REQUIRED BEARING CAPACITY PER DESIGN NOTES, SHEET 1. CONTRACTOR AND/OR INSTALLING SUB-CONTRACTOR SHALL VERIFY THAT SOIL BEARING CONDITIONS MEET OR EXCEED DESIGN REQUIRED MINIMUMS PRIOR TO PLACEMENT AND INSTALLATION OF MODULES.
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LandDesign
 223 NORTH GRAHAM STREET
 CHARLOTTE, NC 28202
 704.333.0325
 WWW.LANDDESIGN.COM
 NC ENG. FIRM LICENSE # C-0658

KEY MAP

VISIBILITY MAP

NO SCALE

SEAL

NORTH CAROLINA PROFESSIONAL ENGINEERING SEAL
 C-015
 ROBERT M. WEGMANS
 09/18/2024

WEGMANS BALLANTYNE
 100 WEGMANS
 MARKETS STREET
 ROCHESTER, NEW YORK 14624

LANDDESIGN PROJ# 1023199

REVISION / ISSUANCE

NO.	DESCRIPTION	DATE
1	LAND DEVELOPMENT	05/23/2024
2	LAND DEVELOPMENT 2ND SUBMITTAL	08/13/2024
3	LAND DEVELOPMENT 3RD SUBMITTAL	09/18/2024

SCALE NORTH

VERT: N/A
 HORZ:

SHEET TITLE
BMP DETAILS-SAND FILTER #1

SHEET NUMBER
C4-09

MODULE NOTES

TYPE	QUANTITY	HEIGHT
A	13	8.5'
B	2	8.5'
F	2	8.5'
J	1	8.5'
K	2	7.5'
L	3	7.5'
M	1	7.5'
N	2	6'
O	1	6'
P	2	6'
Q	4	6'
R	2	6'
S	1	6'
T	1	6'
U	1	6'
V	1	6'
W	1	6'
X	1	6'
Y	1	6'
Z	1	6'
AA	1	6'
AB	1	6'
AC	1	6'
AD	1	6'
AE	1	6'
AF	1	6'
AG	1	6'
AH	1	6'
AI	1	6'
AJ	1	6'
AK	1	6'
AL	1	6'
AM	1	6'
AN	1	6'
AO	1	6'
AP	1	6'
AQ	1	6'
AR	1	6'
AS	1	6'
AT	1	6'
AU	1	6'
AV	1	6'
AW	1	6'
AX	1	6'
AY	1	6'
AZ	1	6'
BA	1	6'
BB	1	6'
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BF	1	6'
BG	1	6'
BH	1	6'
BI	1	6'
BJ	1	6'
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BP	1	6'
BQ	1	6'
BR	1	6'
BS	1	6'
BT	1	6'
BU	1	6'
BV	1	6'
BW	1	6'
BX	1	6'
BY	1	6'
BZ	1	6'
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CB	1	6'
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GZ	1	6'
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II	1	6'
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IK	1	6'
IL	1	6'
IM	1	6'
IN	1	6'
IO	1	6'
IP	1	6'
IQ	1	6'
IR	1	6'
IS	1	6'
IT	1	6'
IU	1	6'
IV	1	6'
IW	1	6'
IX	1	6'
IY	1	6'
IZ	1	6'
JA	1	6'
JB	1	6'
JC	1	6'
JD	1	6'
JE	1	6'
JF	1	6'
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JI	1	6'
JJ	1	6'
JK	1	6'
JL	1	6'
JM	1	6'
JN	1	6'
JO	1	6'
JP	1	6'
JQ	1	6'
JR	1	6'
JS	1	6'
JT	1	6'
JU	1	6'
JV	1	6'
JW	1	6'
JX	1	6'
JY	1	6'
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- 9.1. SEWER CROSSES OVER WATER, OR VERTICAL CLEARANCE BETWEEN SEWER AND WATER IS LESS THAN 18 INCHES.
- 9.2. MAINTAIN 10 FEET HORIZONTAL SEPARATION BETWEEN WATER AND SEWER MAINS. IF WATER AND SEWER ARE LAID IN THE SAME TRENCH, THEN THE TOP OF SEWER SHALL BE AT LEAST 18 INCHES BELOW THE BOTTOM OF THE WATER LINE, OR USE FERROUS PIPE FOR BOTH WATER AND SEWER.
- 9.3. MAINTAIN 12 INCH VERTICAL SEPARATION BETWEEN STORM AND SANITARY OR INSTALL FERROUS PIPE ON SANITARY WITHIN 10 FEET EACH SIDE OF CROSSING.
- 9.4. COORDINATE EXACT LOCATIONS OF VAULTS, METERS, BACK FLOW PREVENTION DEVICES, AND BUILDING SERVICE LINES WITH THE DETAILED ARCHITECTURAL, PLUMBING, AND LANDSCAPING PLANS.
- 9.5. SITE LIGHTING AND IRRIGATION CONTROLLERS TO BE POWERED FROM OWNER PANELS.
- 9.6. ALL UTILITIES WILL BE PLACED UNDERGROUND.

- UTILITY NOTES**
1. ALL PIPE LENGTHS ARE HORIZONTAL DISTANCES AND ARE APPROXIMATE.
 2. CONTRACTOR SHALL VERIFY LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
 3. CONTRACTOR SHALL PROVIDE ALL THE MATERIALS AND APPURTENANCES NECESSARY FOR THE COMPLETE INSTALLATION OF THE UTILITIES. ALL PIPES AND FITTINGS SHALL BE INSPECTED BY THE BUILDING INSPECTOR PRIOR TO BEING COVERED.
 4. ALL WORK SHALL COMPLY WITH ALL APPLICABLE CODES, REGULATIONS AND OR LOCAL STANDARDS IMPOSED BY LOCAL UTILITY AND CHARLOTTE WATER AS APPLICABLE.
 5. ALL WATER LINES SHALL HAVE A MINIMUM COVER OF 36" ABOVE THE TOP OF THE PIPE.

6. CONTRACTOR SHALL ADJUST LOCATION OF PROPOSED WATER LINES AS REQUIRED TO AVOID CONFLICTS WITH STORM SEWER AND OTHER UTILITIES.
7. CONTRACTOR SHALL INSTALL UTILITIES TO WITHIN 5' OF BUILDING. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR UTILITIES WITHIN 5' OF BUILDING.
8. CONTRACTOR SHALL COORDINATE ALL NEW UTILITY TAP LOCATIONS WITH CHARLOTTE WATER. FEES SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
9. LOCATION, SIZE, AND INVERT ELEVATIONS OF SANITARY SEWER SHALL BE COORDINATED WITH THE APPROVED PLUMBING PLANS FOR THE BUILDINGS.
10. THRUST BLOCKS ARE REQUIRED AT EACH TEE AND ELBOW. ALL THRUST BLOCKS TO CONFORM TO CHARLOTTE WATER STANDARDS AND SPECIFICATIONS.
11. INSTALLATION AND REPAIR OF UNDERGROUND ELECTRICAL, GAS, AND TELEPHONE UTILITIES AND DISTURBED AREAS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR OR APPLICABLE UTILITY COMPANY. THE DISTURBED AREAS BENEATH EXISTING GRAVEL SHALL BE RECOMPACTED TO THE REQUIRED SPECIFICATIONS, AND THE STONE BASE AND ASPHALT BE RETURNED TO ITS ORIGINAL CONDITION.
12. ALL WATER LINES SHALL BE PVC UNLESS OTHERWISE NOTED.
13. ALL SANITARY SEWER LATERALS SHALL BE PVC PIPE AND BE LAID AT A MIN. SLOPE OF 1.00% AND A MIN. COVER OF 36" TO THE TOP OF THE PIPE.
14. SANITARY SEWER MAINS SHALL BE DUCTILE IRON PIPE IF IT IS NOT POSSIBLE TO MAINTAIN 3' OF COVER.
15. CONTRACTOR SHALL COORDINATE ALL WORK WITH BUILDING PLUMBING CONTRACTOR FOR PLACEMENT OF ALL SERVICE CONNECTIONS AND APPURTENANCES.
16. EACH CHARLOTTE WATER-REQUIRED BPA IS REQUIRED TO BE TESTED BY A CHARLOTTE WATER-APPROVED CERTIFIED TESTER PRIOR TO PLACING THE WATER SYSTEM IN SERVICE.

WATER NOTES

1. CONSTRUCTION SHALL BE IN ACCORDANCE WITH ENGINEERING SPECIFICATIONS.
2. THE CONTRACTOR SHALL VERIFY LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
3. ALL SHORING SHALL BE IN ACCORDANCE TO OSHA TRENCHING STANDARDS PART 1926, SUBPART P, AS AMENDED TO DATE.
4. IF THE PROPOSED WATER MAIN IS INSTALLED WITHIN 12' IN ANY DIRECTION (VERTICALLY OR HORIZONTALLY) FROM A GAS MAIN, THEN THE CONTRACTOR SHALL CALL THE APPROPRIATE GAS COMPANY AND INFORM THEM.
5. WATER MAIN TO BE INSTALLED WITH A MINIMUM OF 36" OF COVER.
6. TAP AND CONNECTION FEES SHOULD BE COORDINATED WITH CLT WATER.

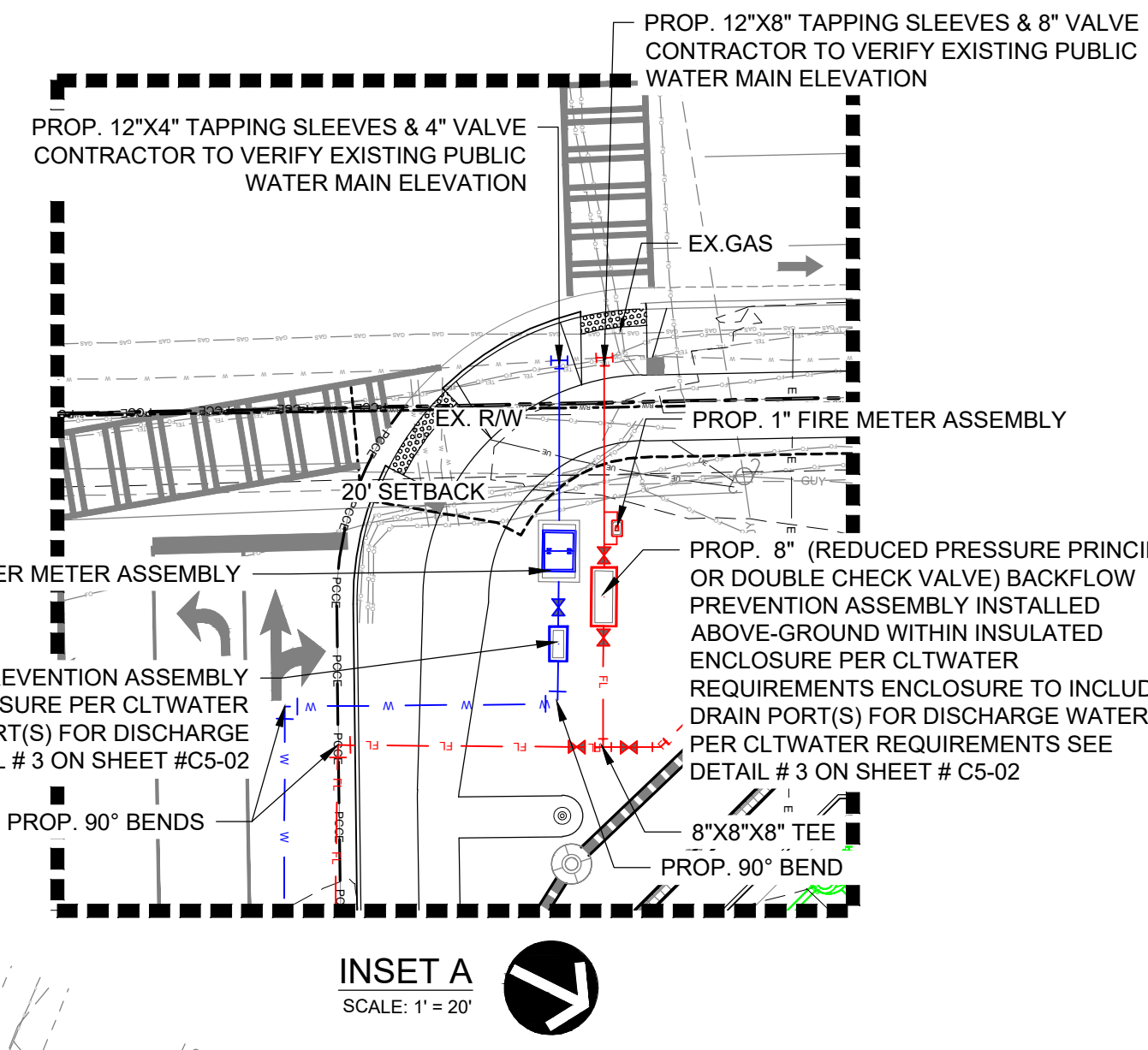
BACKFLOW PREVENTION NOTES

1. THERE SHALL BE NO TAPS, PIPING BRANCHES, UNAPPROVED BYPASS PIPING, HYDRANTS, FIRE DEPARTMENT CONNECTION POINTS, OR OTHER WATER-USING APPURTENANCES CONNECTED TO THE SUPPLY LINE BETWEEN ANY WATER METER AND ITS CLT-WATER-REQUIRED BACKFLOW PREVENTER.
2. EACH CHARLOTTE WATER-REQUIRED BPA IS REQUIRED TO BE TESTED BY A CHARLOTTE WATER-APPROVED CERTIFIED TESTER PRIOR TO PLACING THE WATER SYSTEM IN SERVICE.
3. BACKFLOW ASSEMBLIES SHALL BE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS, AND SHALL MEET THE APPROVAL OF

4. THE CLT WATER BACKFLOW ADMINISTRATOR, CONTRACTOR TO PROVIDE CONDUIT FOR HEATED BACKFLOW ENCLOSURE WITH PULL STRING.
5. TAMPER SWITCHES TO BE INSTALLED ON GATE VALVES OF BPAs ON SUPPLY LINES THAT SERVE FIRE SPRINKLER SYSTEMS. SUBMIT HYDRAULIC CALCULATIONS IF RETROFITTING FIRELINE SERVICE.

SEWER NOTES

1. CONSTRUCTION SHALL BE IN ACCORDANCE WITH ENGINEERING SPECIFICATIONS.
2. THE CONTRACTOR SHALL VERIFY LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
3. ALL SHORING SHALL BE IN ACCORDANCE TO OSHA TRENCHING STANDARDS PART 1926, SUBPART P, AS AMENDED TO DATE.
4. IF THE PROPOSED SEWER MAIN IS INSTALLED WITHIN 12' IN ANY DIRECTION (VERTICALLY OR HORIZONTALLY) FROM A GAS MAIN, THEN THE CONTRACTOR SHALL CALL THE APPROPRIATE GAS COMPANY AND INFORM THEM.
5. THE CONTRACTOR SHALL SEED AND MULCH AT THE END OF EACH DAY.



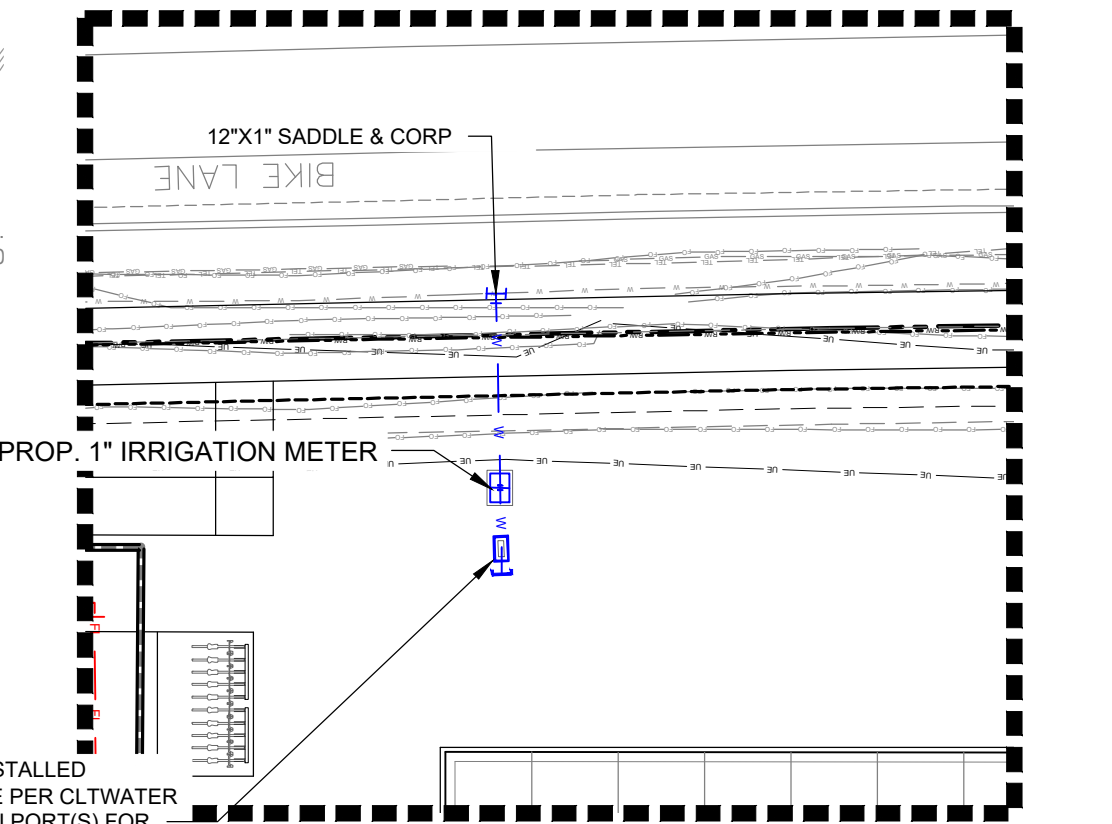
INSET A
SCALE: 1" = 20'

TESTING/INSPECTION

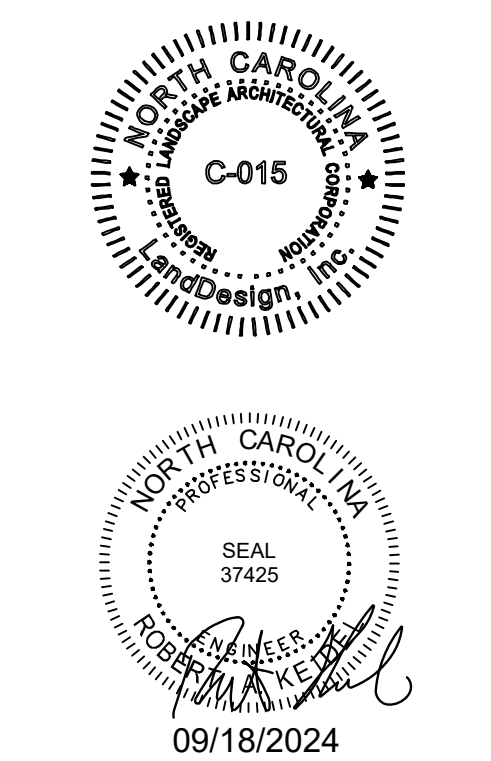
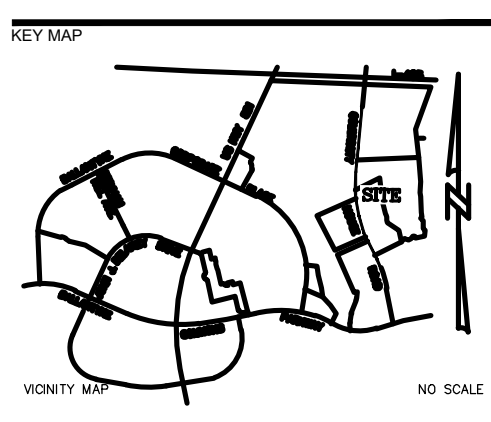
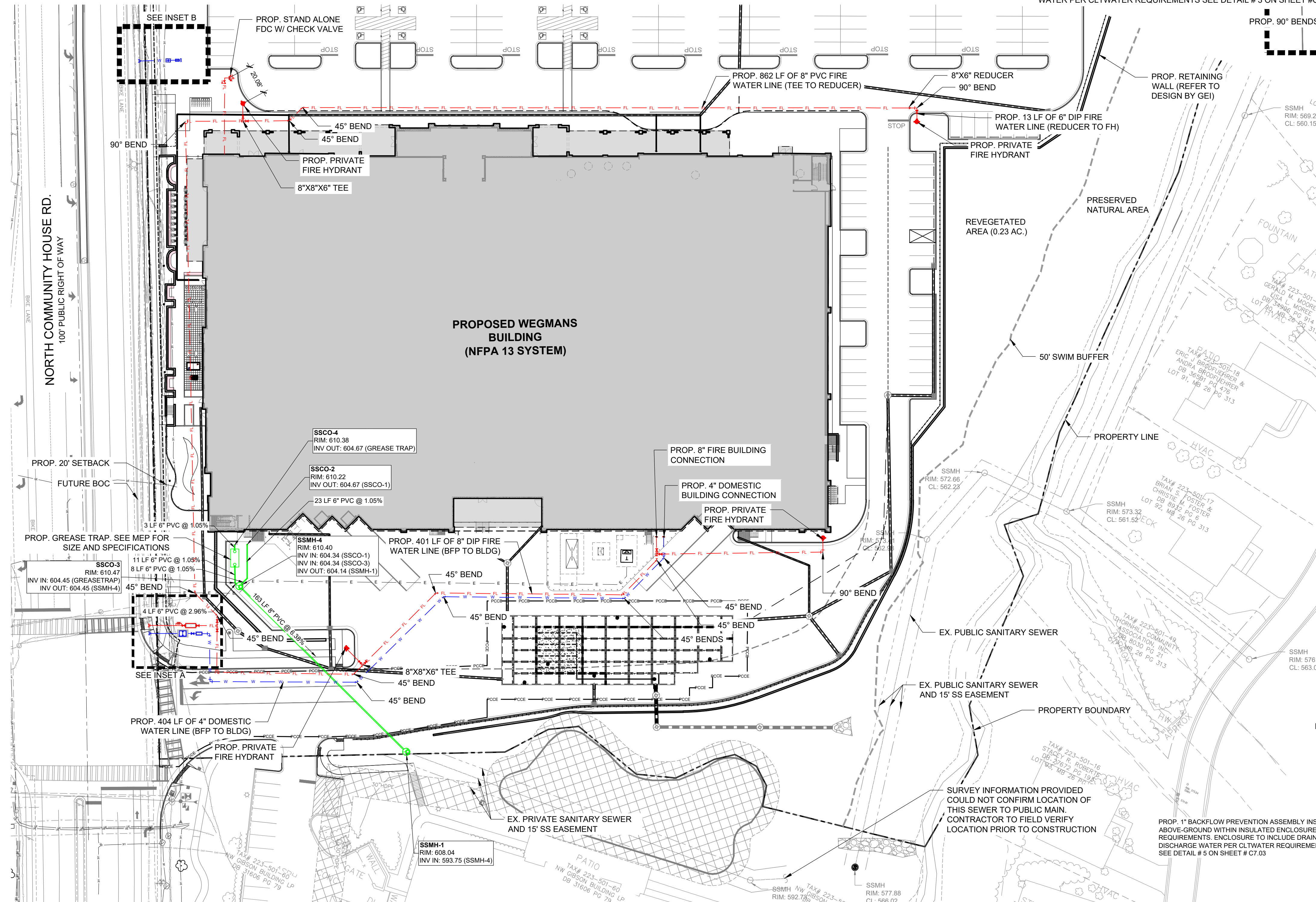
1. NOTIFY THE ENGINEER AT LEAST 48 HOURS BEFORE STARTING CONSTRUCTION OF SEWER AND WATER FACILITIES. THE ENGINEER SHALL PERIODICALLY INSPECT THE PROGRESS OF INSTALLATION AND SHALL COMPLETE A FINAL WATER AND SEWER INSPECTION. THE ENGINEER SHALL WITNESS PRESSURE TESTING OF THE WATER SYSTEM, AIR AND MANDREL TESTING OF THE SEWER SYSTEM. THE CONTRACTOR SHALL FURNISH, SECURE, AND PROVIDE ALL NECESSARY TESTING MATERIALS, EQUIPMENT, PROCEDURES, AND CERTIFIED LABORATORY TEST RESULTS FOR USE WITH ENGINEERS FINAL CERTIFICATION OF COMPLETION.
2. PRESSURE TEST ON WATER MAINS SHALL NOT EXCEED 200 PSI. REFER TO CHARLOTTE WATER SPECIFICATIONS REQUIREMENTS. DISINFECT FOR TESTING WATER LINES AND PROVIDE ACCEPTABLE BACTERIOLOGICAL TEST FROM A CERTIFIED TESTING LABORATORY FOR USE WITH THE ENGINEERS CERTIFICATION OF COMPLETION.
3. SECURE FINAL OPERATIONAL APPROVAL FROM CLT WATER PRIOR TO ACTIVATION OF THE SYSTEM.
4. TEST SANITARY SEWER LINES FOR DEFLECTION WITH A 5% MANDREL NOT LESS THAN 30 DAYS AFTER COMPLETION OF BACKFILL. PERFORM LOW PRESSURE AIR TESTING IN ACCORDANCE WITH ASTM C-828 AND C-924 ON ALL SEWER MAINS.
5. TRENCH BACKFILL AND COMPACTION TESTING SHALL BE PERFORMED BY A CERTIFIED SOILS LABORATORY UNDER ALL PAVED AREAS. BACKFILL MATERIAL FROM THE BOTTOM OF TRENCH TO WITHIN SIX (6) INCHES OF THE SUBGRADE SHALL BE COMPACTED TO 95% OF THE MAX. DRY DENSITY AS DEFINED BY THE STANDARD PROCTOR TEST. ALL MATERIAL WHEN THE TOP 6 INCHES OF THE SUBGRADE SHALL HAVE AN IN PLACE DENSITY OF 100%.
6. THE CONTRACTOR SHALL SUPPLY THE ENGINEER WITH WATER & SEWER AS-BUILTS (LOCATION, LENGTH, SLOPE, ETC.) PREPARED BY A REGISTERED LAND SURVEYOR WITH ALL APPURTENANCES AND WATER SERVICE MEASUREMENTS SUITABLE FOR PREPARATION OF FINAL AS-BUILTS.

CITY OF CHARLOTTE STREET REQUIREMENTS

- RIGHT OF WAY PERMITTING PROCESS:
1. THE CONTRACTOR/DEVELOPER SHALL OBTAIN ALL NECESSARY PERMITS FOR CONSTRUCTION WITHIN CITY OF CHARLOTTE-MAINTAINED STREET RIGHTS-OF-WAY (R/W), PRIOR TO CONSTRUCTION. A CONTRACTOR'S EMPLOYEE SHALL HOLD A VALID EXCAVATION CERTIFICATION FROM CDOT'S STREET MAINTENANCE DIVISION (SMD) AND SHALL BE ON SITE DURING WORK IN THE STREETS PAVEMENT, INCLUDING SIDEWALK AND DRIVEWAYS. CONTACT SMD AT (704) 336-3200 TO ENROLL IN THE NEXT CERTIFICATION CLASS.
 2. THE PERMIT SHALL BE OBTAINED BY CALLING CDOT AT (704) 432-ROV1 (704-432-7691) OR COMPLETING AN APPLICATION SPREADSHEET BY EMAIL TO ROWLSUE@CI.CHARLOTTE.NC.US.
 3. THE APPLICATION CAN BE FOUND ONLINE AT [HTTP://WWW.CHARMECK.ORG/DEPARTMENTS/TRANSPORTATION/ROW.HTM](http://WWW.CHARMECK.ORG/DEPARTMENTS/TRANSPORTATION/ROW.HTM). SMD CHARGES A STREET DEGRADATION FEE WHICH MUST BE PAID BY THE CONTRACTOR/DEVELOPER BEFORE THE PERMIT WILL BE ISSUED.
 4. THE CONTRACTOR SHALL CALL (704) 432-ROV1 AT LEAST 48 HOURS PRIOR TO COMMENCING WORK AUTHORIZED BY PERMIT. BY CITY ORDINANCE, ALL WORK IN THE R/W SHALL BE PERFORMED ACCORDING TO THE WORK AREA TRAFFIC CONTROL HANDBOOK (WATCH), AND HAVE A VALID PERMIT.



INSET B
SCALE: 1" = 20'



PROJECT
WEGMANS BALLANTYNE
 WEGMANS
 100 WEGMANS
 MARKET STREET
 ROCHESTER, NEW YORK 14624

LANDDESIGN PROJ# 1023199

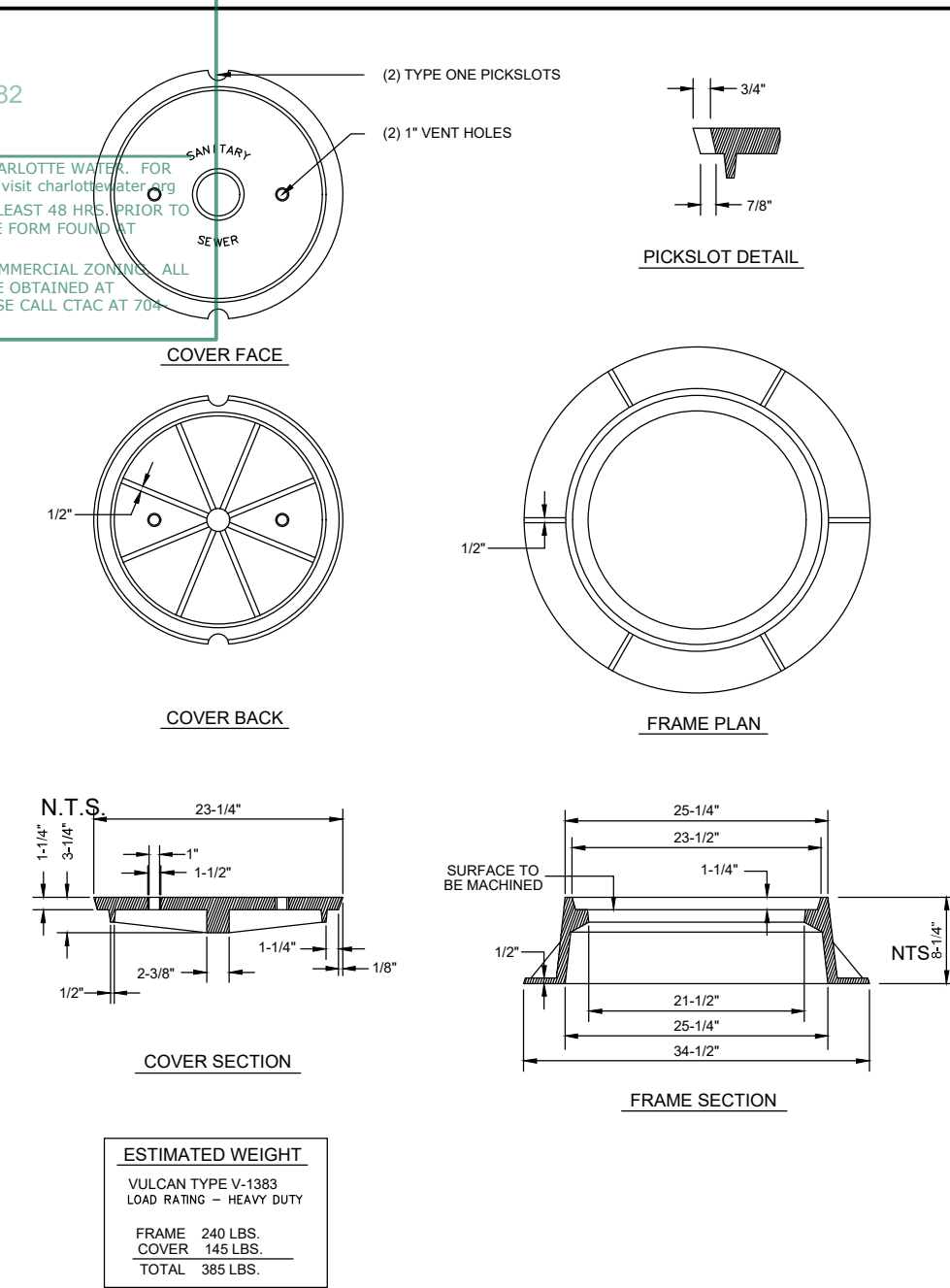
REVISION / ISSUANCE		
NO.	DESCRIPTION	DATE
1	LAND DEVELOPMENT	05/23/2024
2	LAND DEVELOPMENT 2ND SUBMITTAL	08/13/2024
3	LAND DEVELOPMENT 3RD SUBMITTAL	09/18/2024

SCALE: NORTH

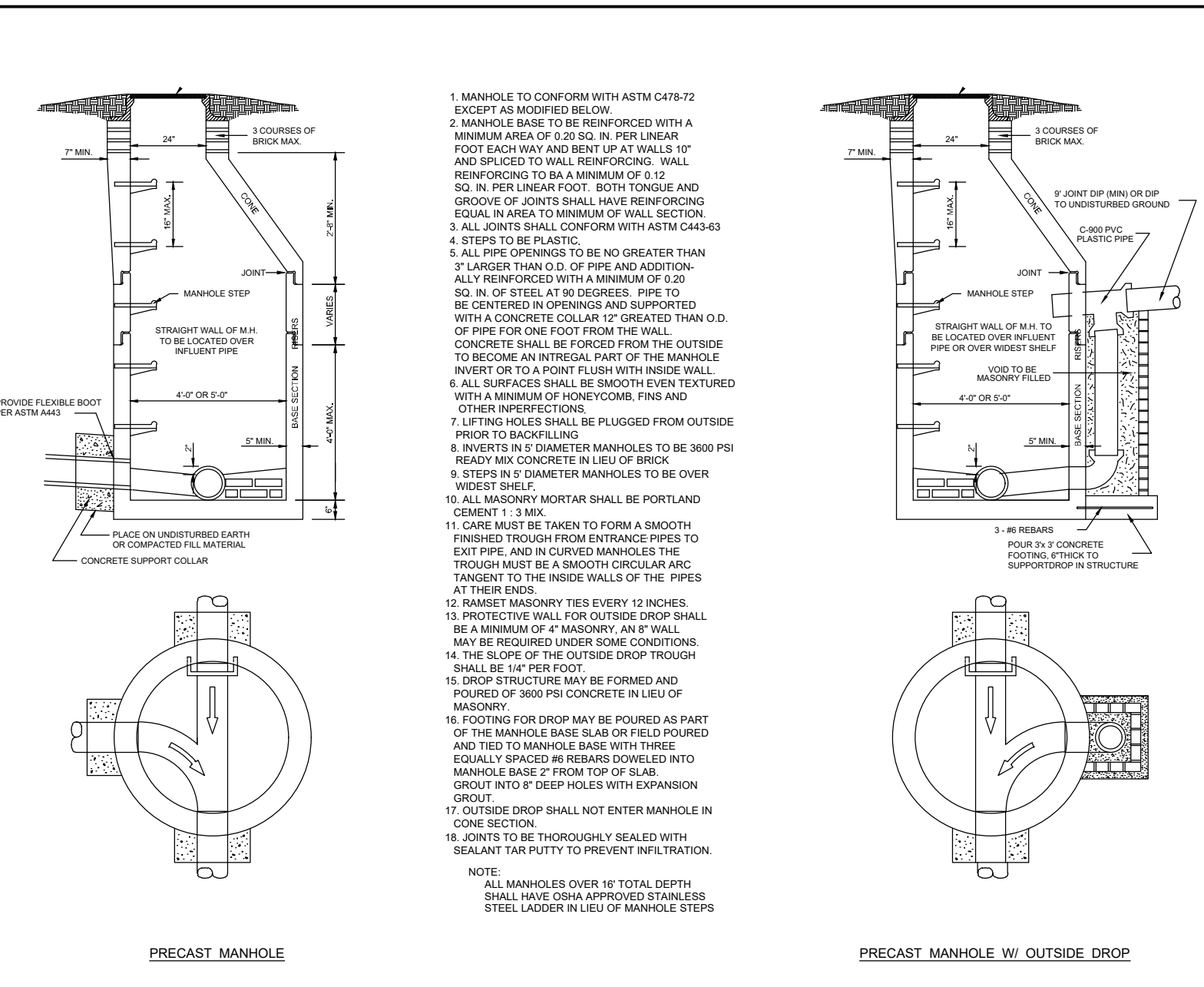
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 HORZ: 1" = 40'

SHEET TITLE: PRIVATE UTILITY PLAN

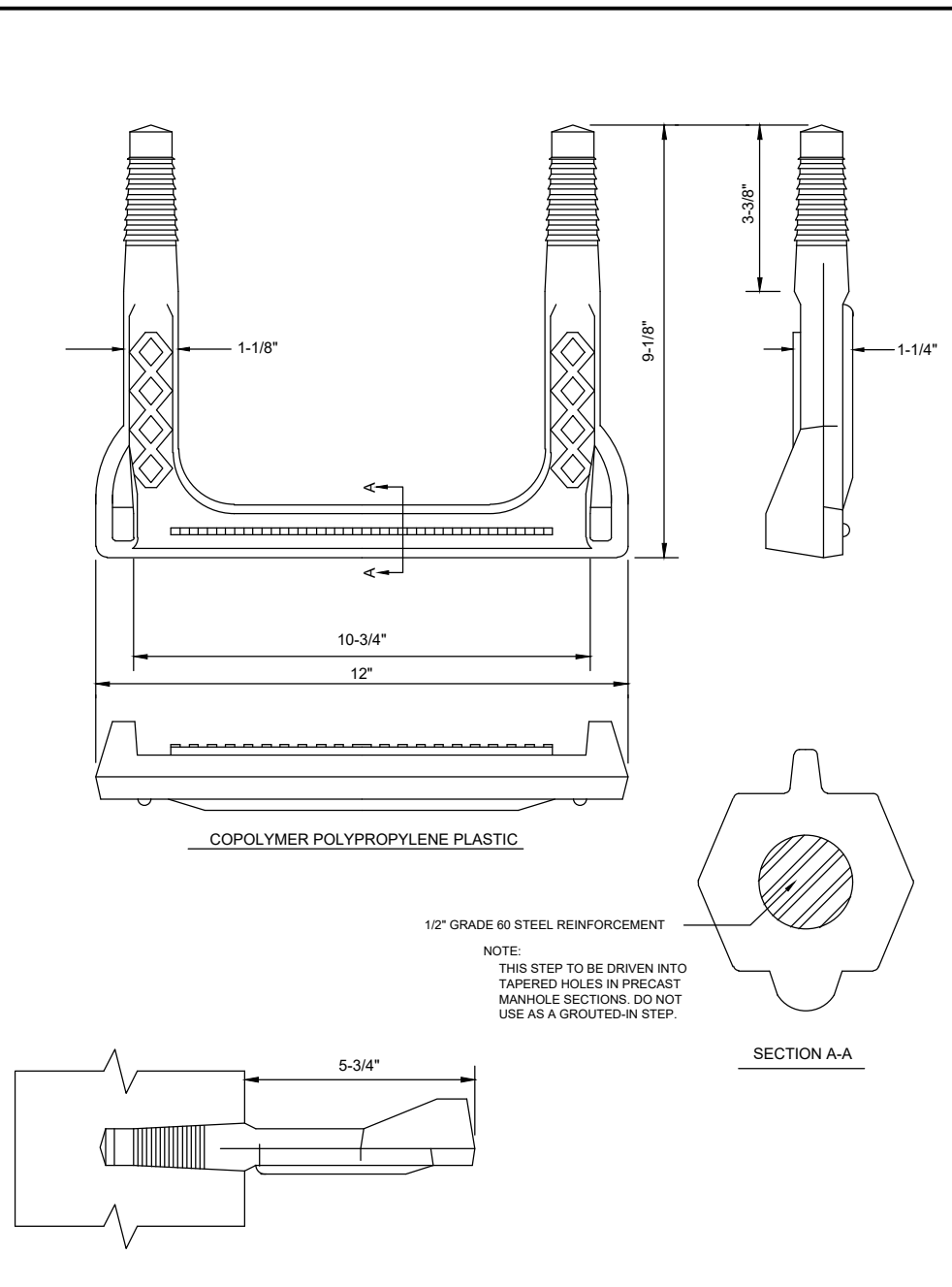
SHEET NUMBER: C5-00



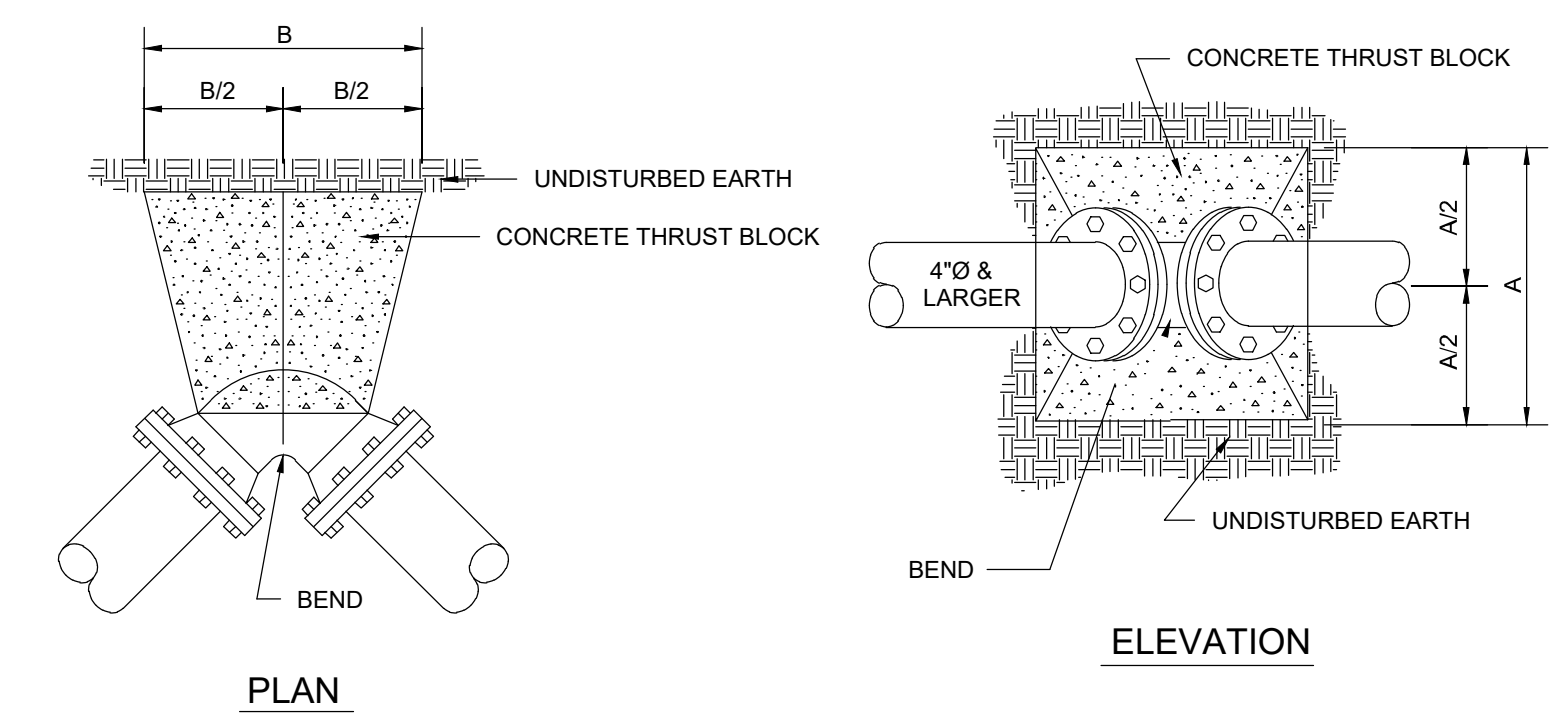
1 PRIVATE MANHOLE RING AND COVER
 CS-01 PLAN & SECTION NTS



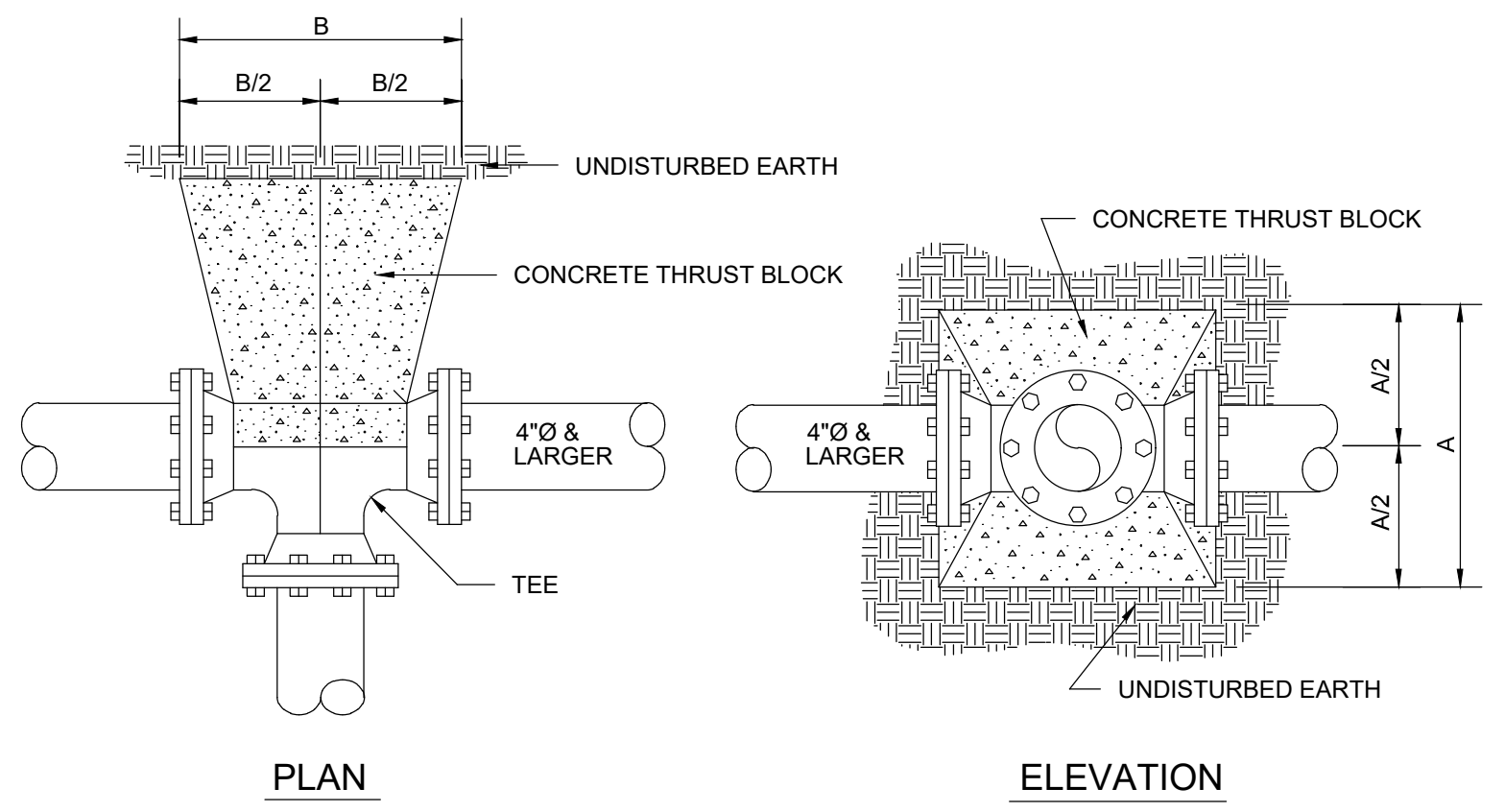
2 PRECAST MANHOLE 4' AND 5' DIAMETER
 CS-01 PLAN & SECTION NTS



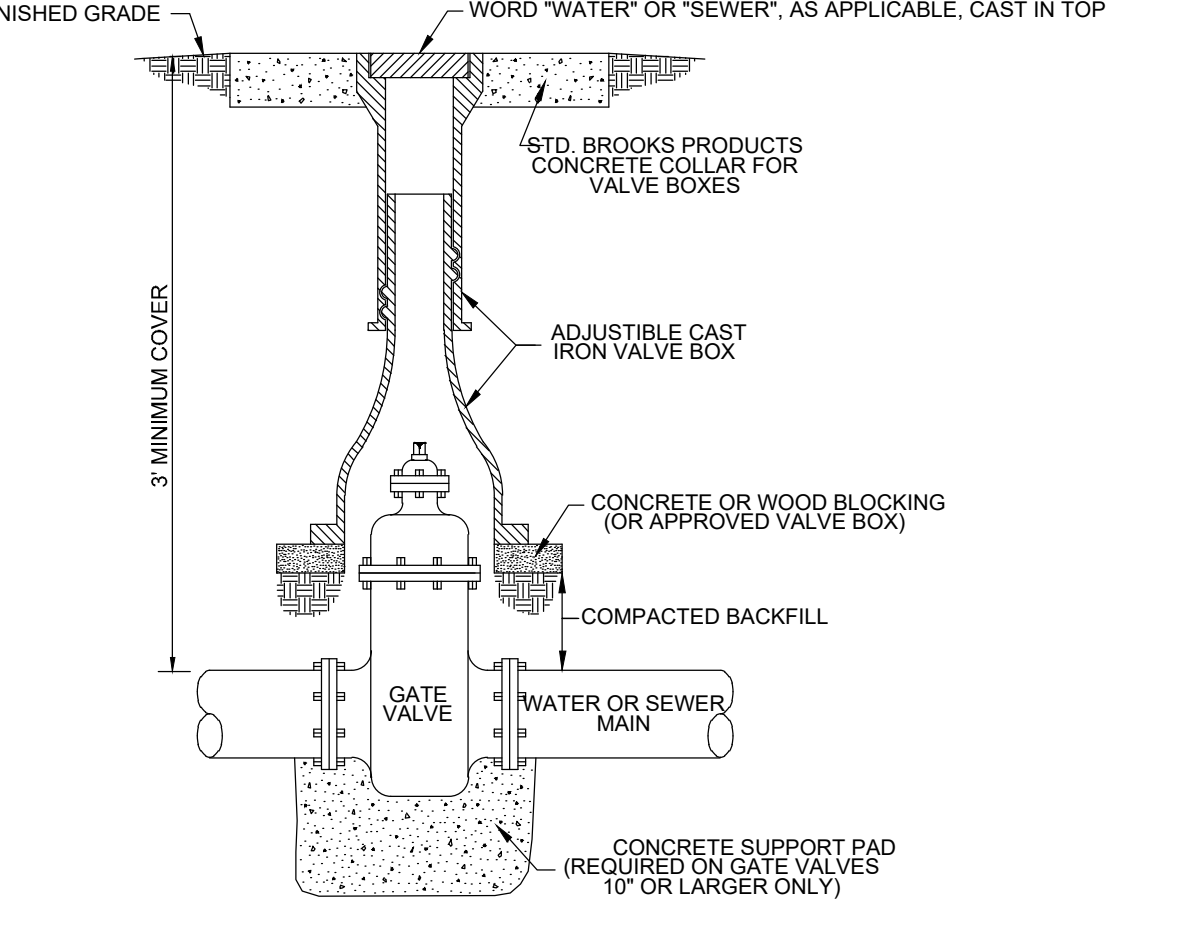
3 PLASTIC STEP FOR MANHOLE
 CS-01 PLAN & SECTION NTS



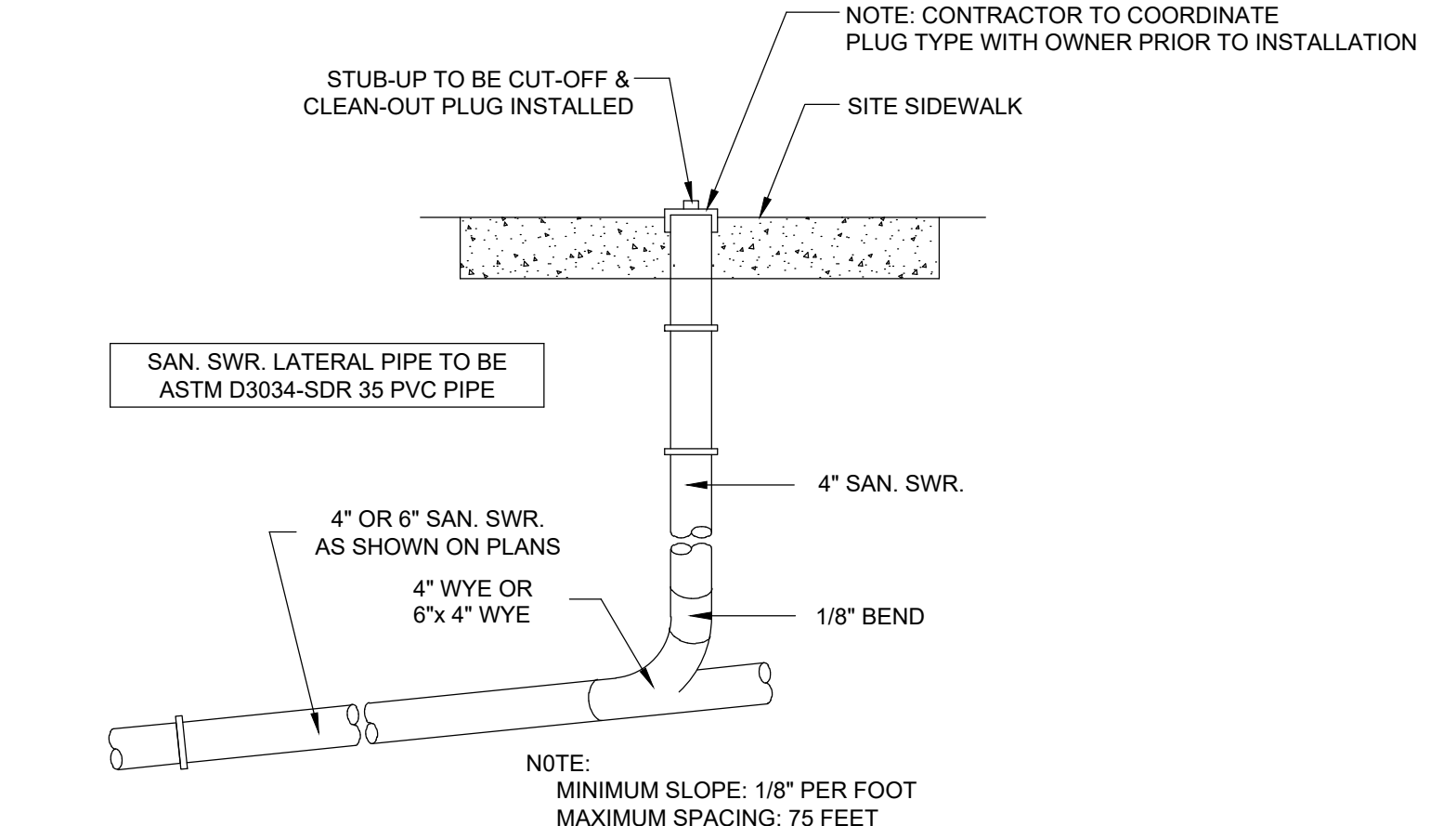
4 TYPICAL THRUST BLOCKING FOR BENDS
 CS-01 PLAN & ELEVATION NTS



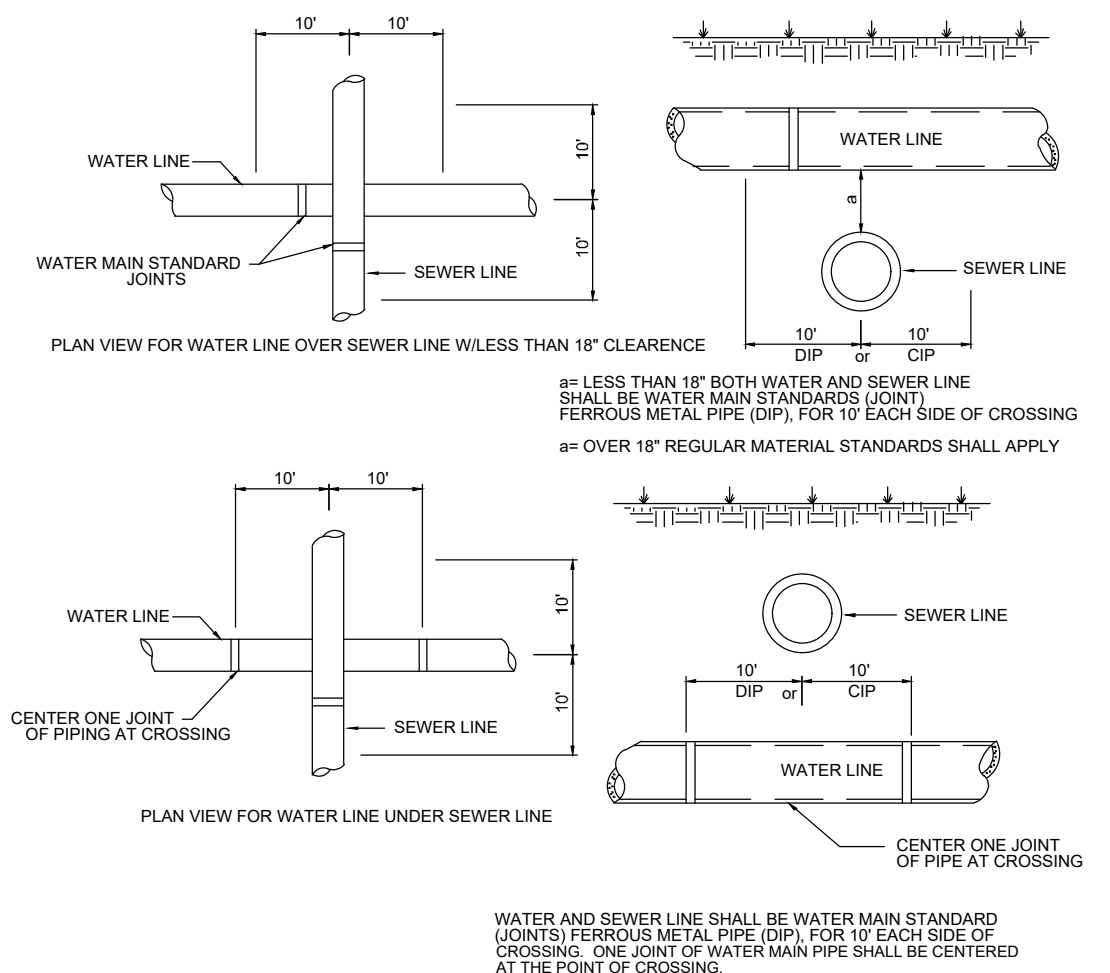
5 TYPICAL THRUST BLOCKING FOR TEES
 CS-01 PLAN & ELEVATION NTS



6 TYPICAL VERTICAL GATE VALVE INSTALLATION
 CS-01 SECTION NTS



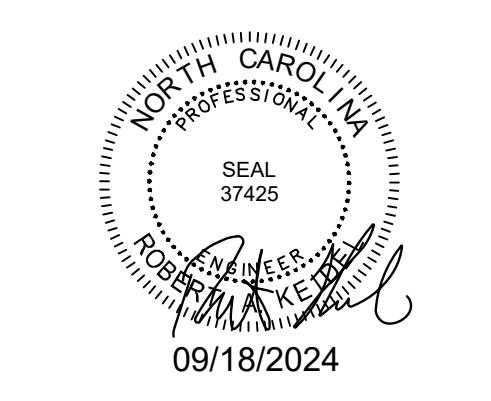
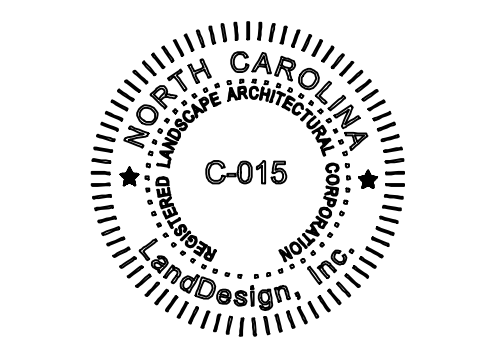
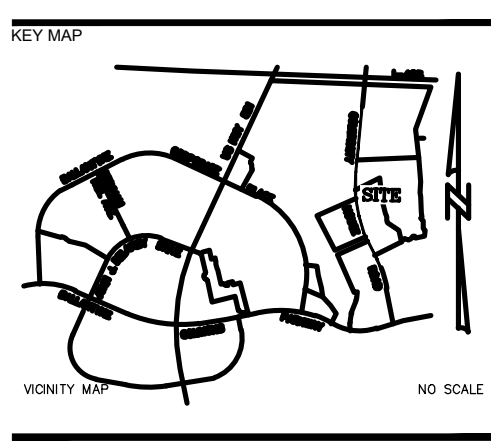
7 SEWER CLEANOUT
 CS-01 ELEVATION NTS



8 WATER AND SEWER CROSSINGS
 CS-01 PLAN & SECTION NTS



9 FIRE DEPARTMENT CONNECTION (STAND ALONE)
 CS-01 PLAN & SECTION NTS



PROJECT
WEGMANS BALLANTYNE
 WEGMANS
 100 WEGMANS
 MARKETS STREET
 ROCHESTER, NEW YORK 14624

LANDDESIGN PROJ.# 1023199

REVISION / ISSUANCE		
NO.	DESCRIPTION	DATE
1	LAND DEVELOPMENT	05/23/2024
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SCALE NORTH
 VERT:
 HORIZ:
 SHEET TITLE
UTILITY DETAILS
 SHEET NUMBER
C5-01



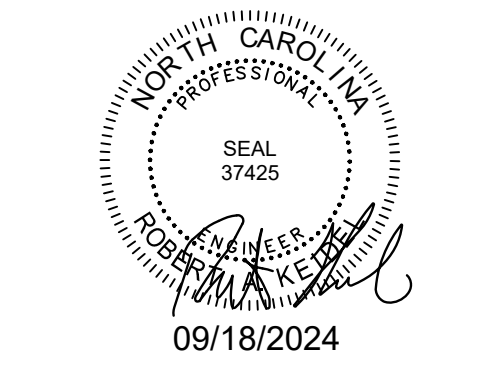
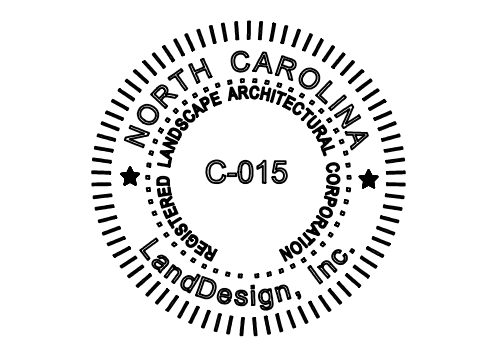
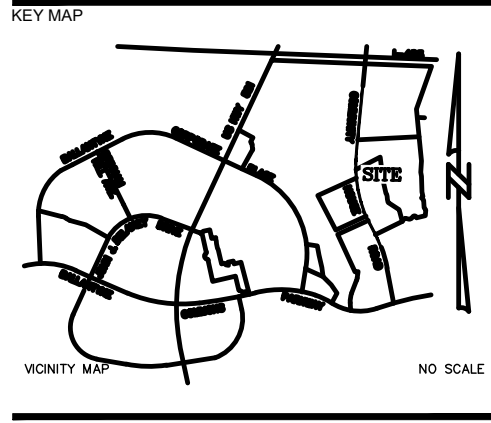
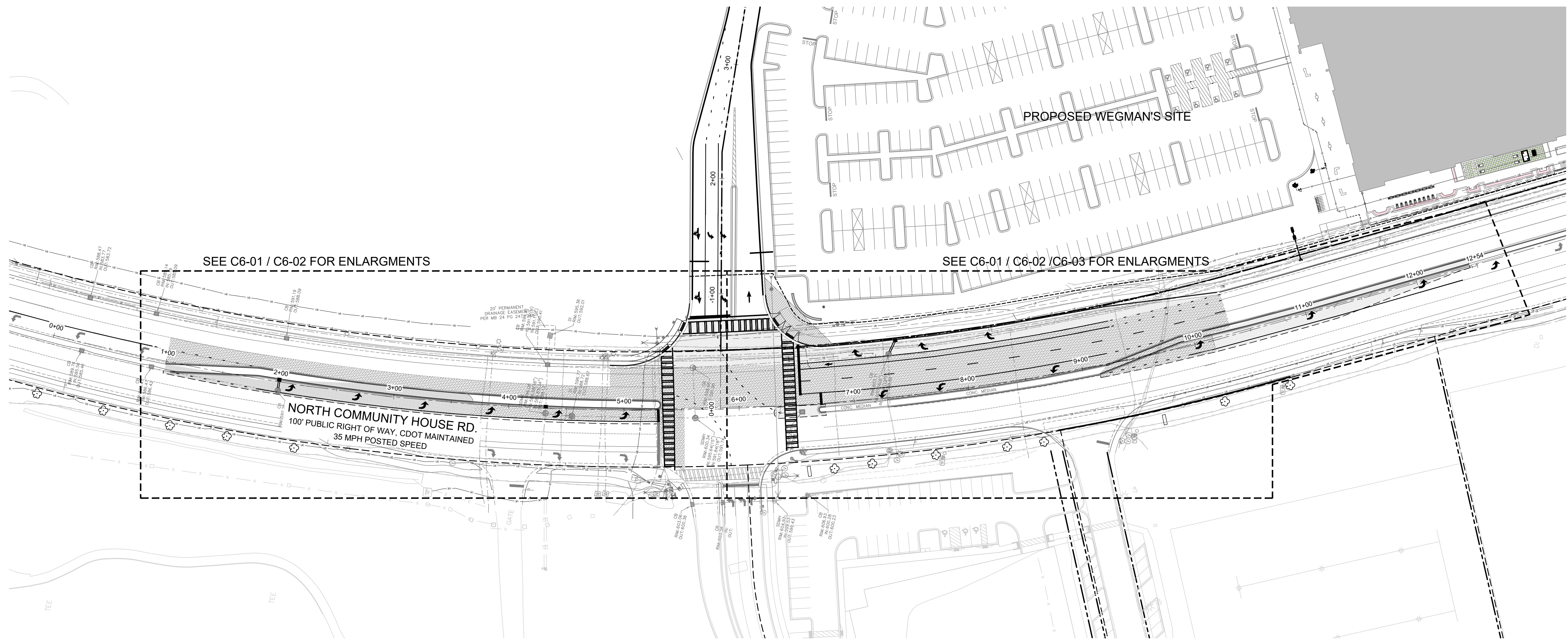
FINAL APPROVAL
 DATE: 10/11/2024
 PROJECT NUMBER: LDCP-2024-00382

NOTE: THIS PLAN APPROVAL DOES NOT INCLUDE CHARLOTTE WATER. FOR MORE INFORMATION, PLEASE CALL 704-336-5499 or visit charlottewater.org
 NOTE: SCHEDULE PRE-CONSTRUCTION MEETING AT LEAST 48 HRS. PRIOR TO ANY LAND DISTURBING ACTIVITY USING THE ONLINE FORM FOUND AT charlottenc.gov/developmentcenter
 NOTE: THIS PLAN APPROVAL DOES NOT INCLUDE COMMERCIAL ZONING. ALL BUILDING PERMITS AND ZONING APPROVALS CAN BE OBTAINED AT HECKLEBURG COUNTY CODE ENFORCEMENT. PLEASE CALL CTAC AT 704-314-CODE(2633) FOR MORE INFORMATION.

LandDesign.

223 NORTH GRAHAM STREET
 CHARLOTTE, NC 28202
 704.333.0325
 WWW.LANDDESIGN.COM
 NC ENG. FIRM LICENSE # C-0658

SYMBOL	DESCRIPTION
	CONCRETE PAVING (CLDSM 10.22, CLDSM 10.42)
	MILL & OVERLAY (SEE DETAIL 2 ON SHEET C1-10-V3)
	ASPHALT (CLDSM U-07)



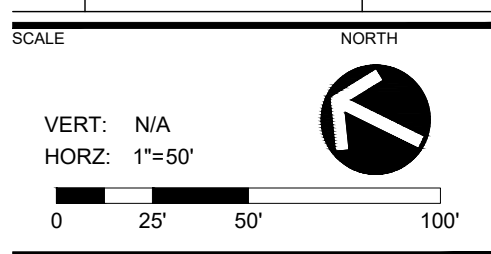
PROJECT

**WEGMANS
 BALLANTYNE**

WEGMANS
 100 WEGMANS
 MARKET STREET
 ROCHESTER, NEW YORK 14624

LANDDESIGN PROJ.# 1023199

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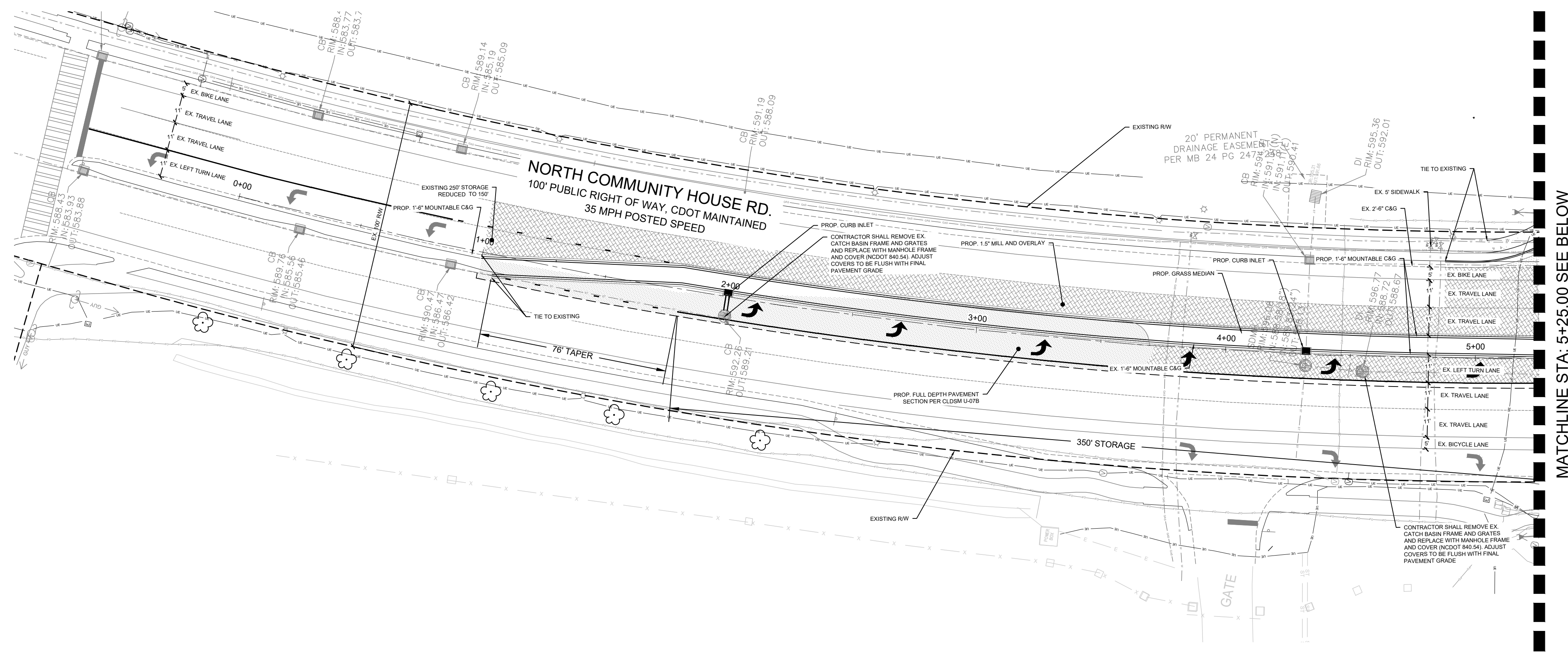


SHEET TITLE

**N. COMMUNITY HOUSE RD
 ROADWAY PLAN**

SHEET NUMBER

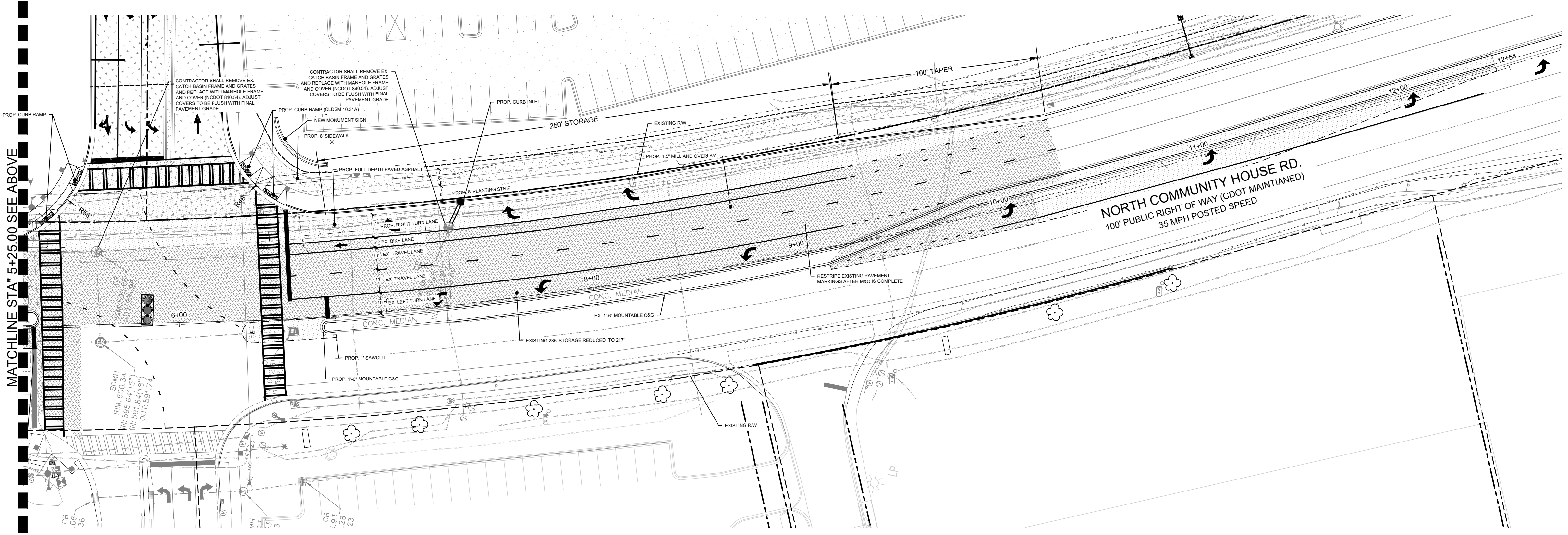
C6-00



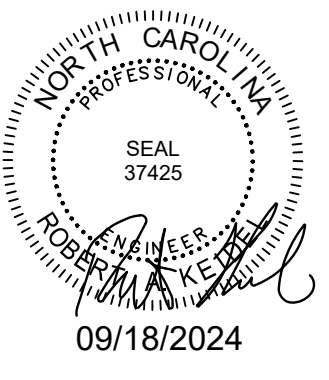
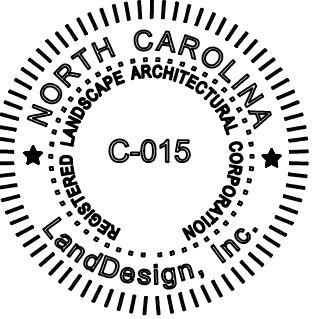
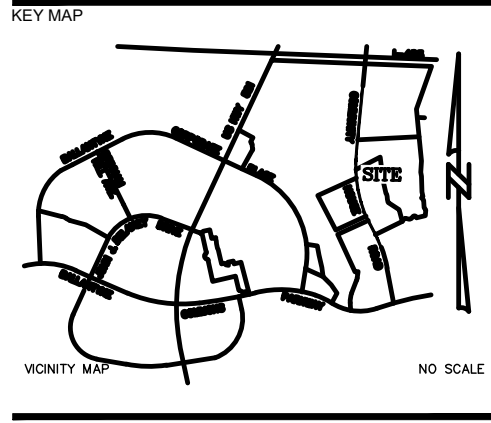
SYMBOL

	CONCRETE PAVING (CLDSM 10.22, CLDSM 10.42)
	MILL & OVERLAY
	FULL DEPTH ASPHALT (CLDSM U-07B)

MATCHLINE STA: 5+25.00 SEE BELOW



MATCHLINE STA" 5+25.00 SEE ABOVE



PROJECT

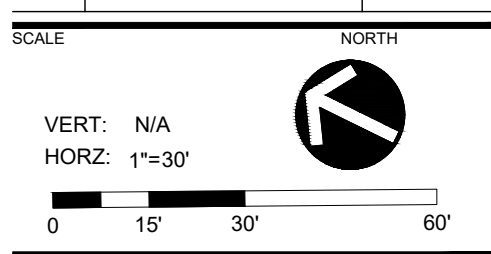
WEGMANS BALLANTYNE

WEGMANS
 100 WEGMANS
 MARKET STREET
 ROCHESTER, NEW YORK 14624

LANDDESIGN PROJ.# 1023199

REVISION / ISSUANCE

NO.	DESCRIPTION	DATE
1	LAND DEVELOPMENT	05/23/2024
2	LAND DEVELOPMENT 2ND SUBMITTAL	08/13/2024
3	LAND DEVELOPMENT 3RD SUBMITTAL	09/18/2024

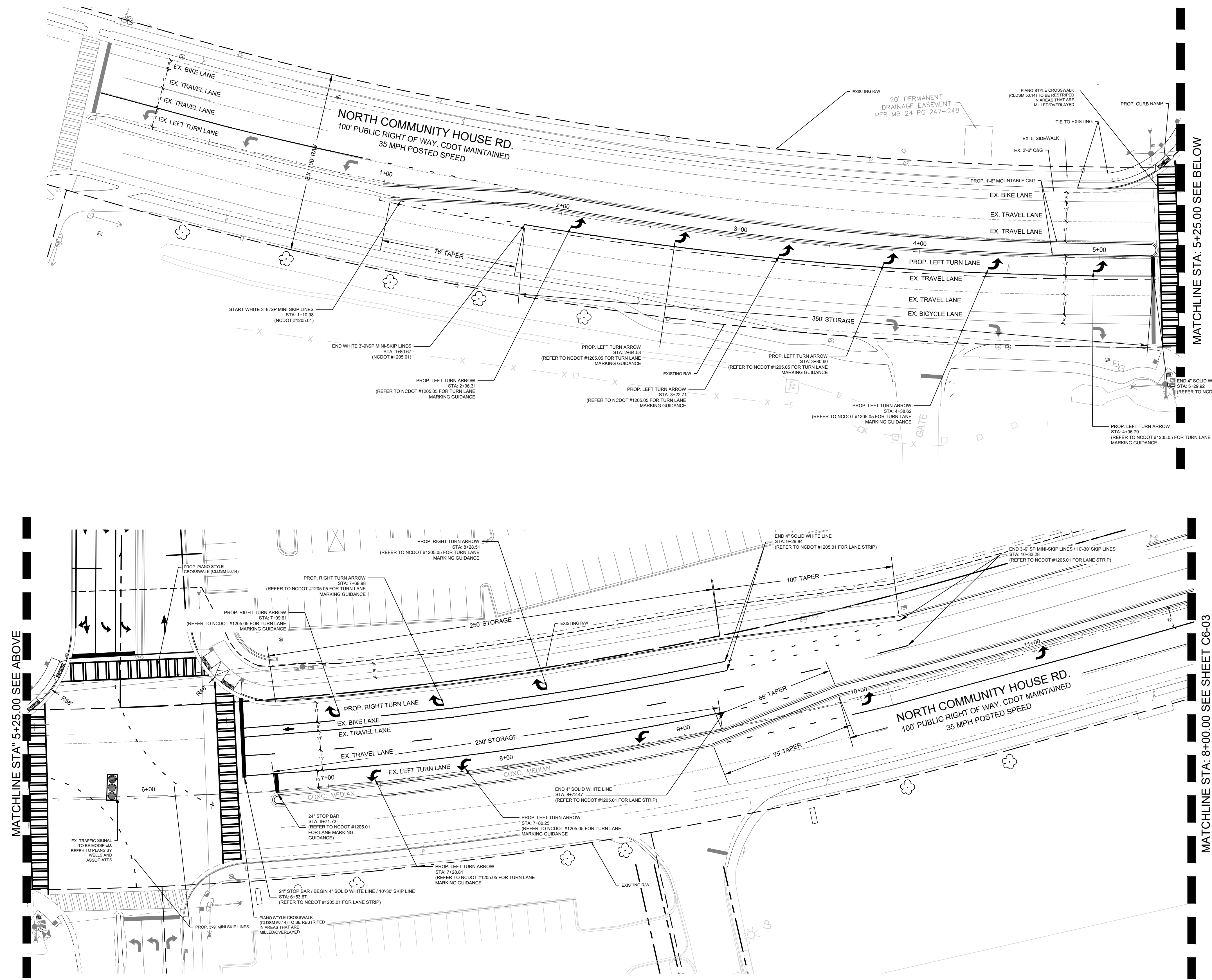


SHEET TITLE

**N. COMMUNITY HOUSE RD
 ROADWAY PLAN
 ENLARGEMENTS**

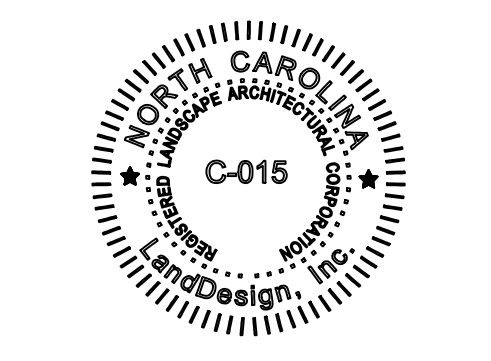
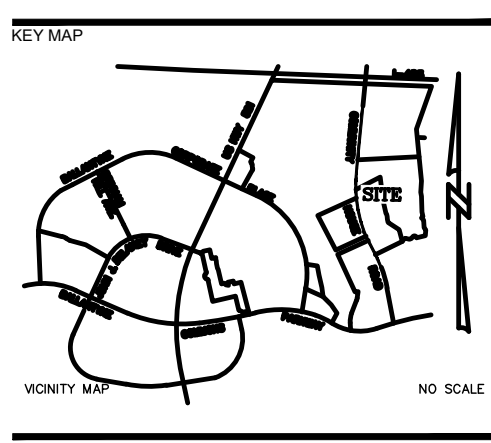
SHEET NUMBER

C6-01



PLAN LEGEND

EX. OVERHEAD ELECTRIC LINE	OE
EX. TELECOMMUNICATION LINE	T
EX. GAS LINE	GS
EX. FIBER OPTIC	FO
EX. SANITARY SEWER	SS
EX. WATER MAIN	W
EX. STORM SYSTEM	ST
EX. RIGHT-OF-WAY	R/W
PROP. RIGHT-OF-WAY	R/W
ROAD WIDENING AREA	
PROPOSED SIDEWALK	



PROJECT

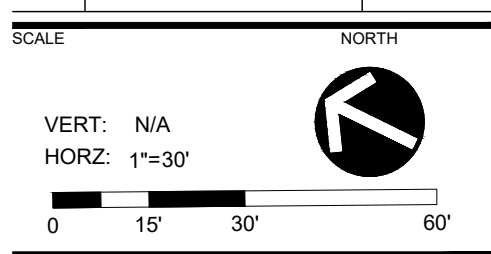
WEGMANS BALLANTYNE

WEGMANS
 100 WEGMANS
 MARKET STREET
 ROCHESTER, NEW YORK 14624

LANDDESIGN PROJ.# 1023199

REVISION / ISSUANCE

NO.	DESCRIPTION	DATE
1	LAND DEVELOPMENT	05/23/2024
2	LAND DEVELOPMENT 2ND SUBMITTAL	08/13/2024
3	LAND DEVELOPMENT 3RD SUBMITTAL	09/18/2024



SHEET TITLE

N. COMMUNITY HOUSE RD STRIPING PLAN

SHEET NUMBER

C6-02

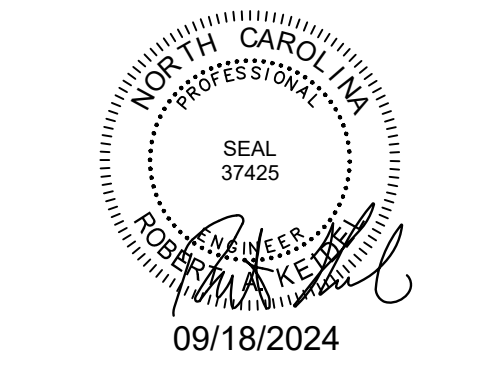
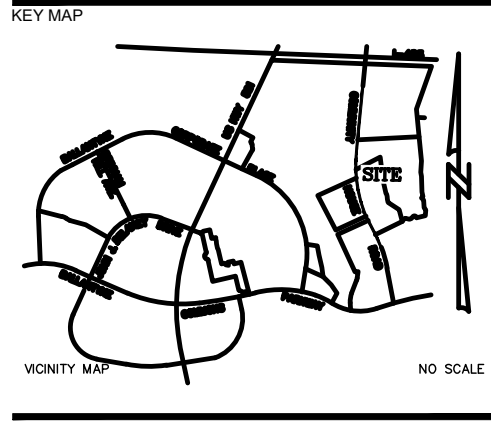
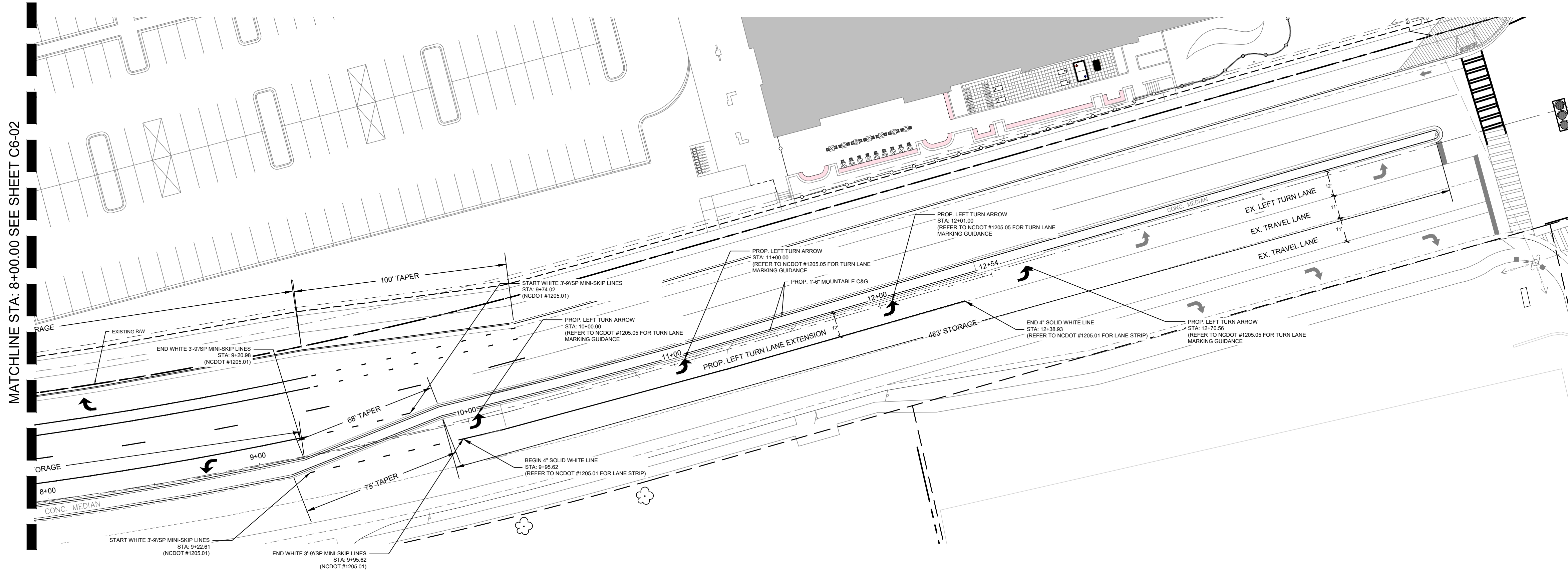


FINAL APPROVAL
 DATE: 10/11/2024
 PROJECT NUMBER: LDCP-2024-00382

NOTE: THIS PLAN APPROVAL DOES NOT INCLUDE CHARLOTTE WATER. FOR MORE INFORMATION, PLEASE CALL 704-336-5499 or visit charlottewater.org
 NOTE: SCHEDULE PRE-CONSTRUCTION MEETING AT LEAST 48 HRS. PRIOR TO ANY LAND DISTURBING ACTIVITY USING THE ONLINE FORM FOUND AT charlottenc.gov/developmentcenter
 NOTE: THIS PLAN APPROVAL DOES NOT INCLUDE COMMERCIAL ZONING. ALL BUILDING PERMITS AND ZONING APPROVALS CAN BE OBTAINED AT HECKLEBURG COUNTY CODE ENFORCEMENT. PLEASE CALL CTAC AT 704-314-CODE(2633) FOR MORE INFORMATION.

LandDesign.

223 NORTH GRAHAM STREET
 CHARLOTTE, NC 28202
 704.333.0325
 WWW.LANDDESIGN.COM
 NC ENG. FIRM LICENSE # C-0658



PROJECT

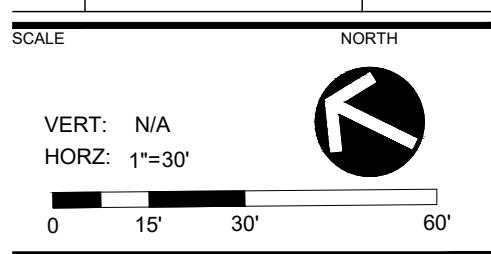
WEGMANS BALLANTYNE

WEGMANS
 100 WEGMANS
 MARKET STREET
 ROCHESTER, NEW YORK 14624

LANDDESIGN PROJ.# 1023199

REVISION / ISSUANCE

NO.	DESCRIPTION	DATE
1	LAND DEVELOPMENT	05/23/2024
2	LAND DEVELOPMENT 2ND SUBMITTAL	08/13/2024
3	LAND DEVELOPMENT 3RD SUBMITTAL	09/18/2024



SHEET TITLE
N. COMMUNITY HOUSE RD STRIPING PLAN

SHEET NUMBER
C6-03

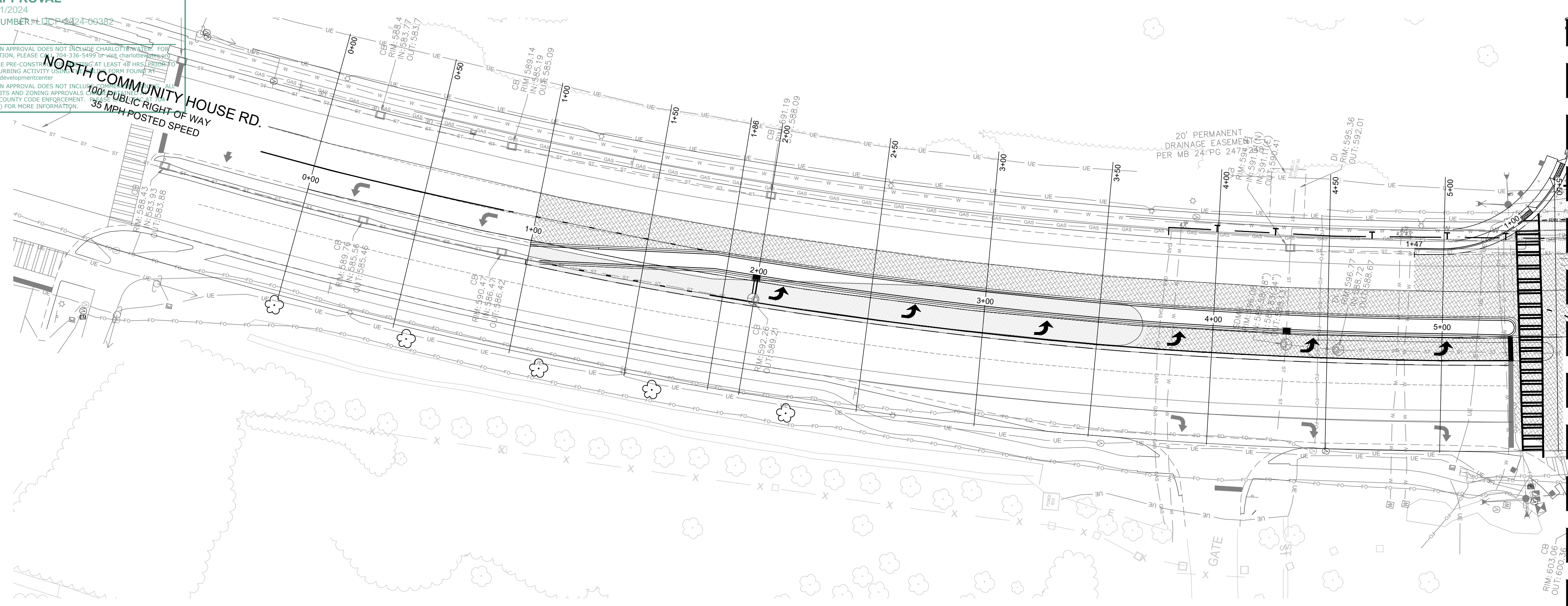
PLAN LEGEND

EX. OVERHEAD ELECTRIC LINE	OE
EX. TELECOMMUNICATION LINE	T
EX. GAS LINE	GAS
EX. FIBER OPTIC	FO
EX. SANITARY SEWER	SS
EX. WATER MAIN	W
EX. STORM SYSTEM	ST
EX. RIGHT-OF-WAY	R/W
PROP. RIGHT-OF-WAY	R/W
ROAD WIDENING AREA	
PROPOSED SIDEWALK	



FINAL APPROVAL
 DATE: 10/11/2024
 PROJECT NUMBER: LDCP-2024-09382

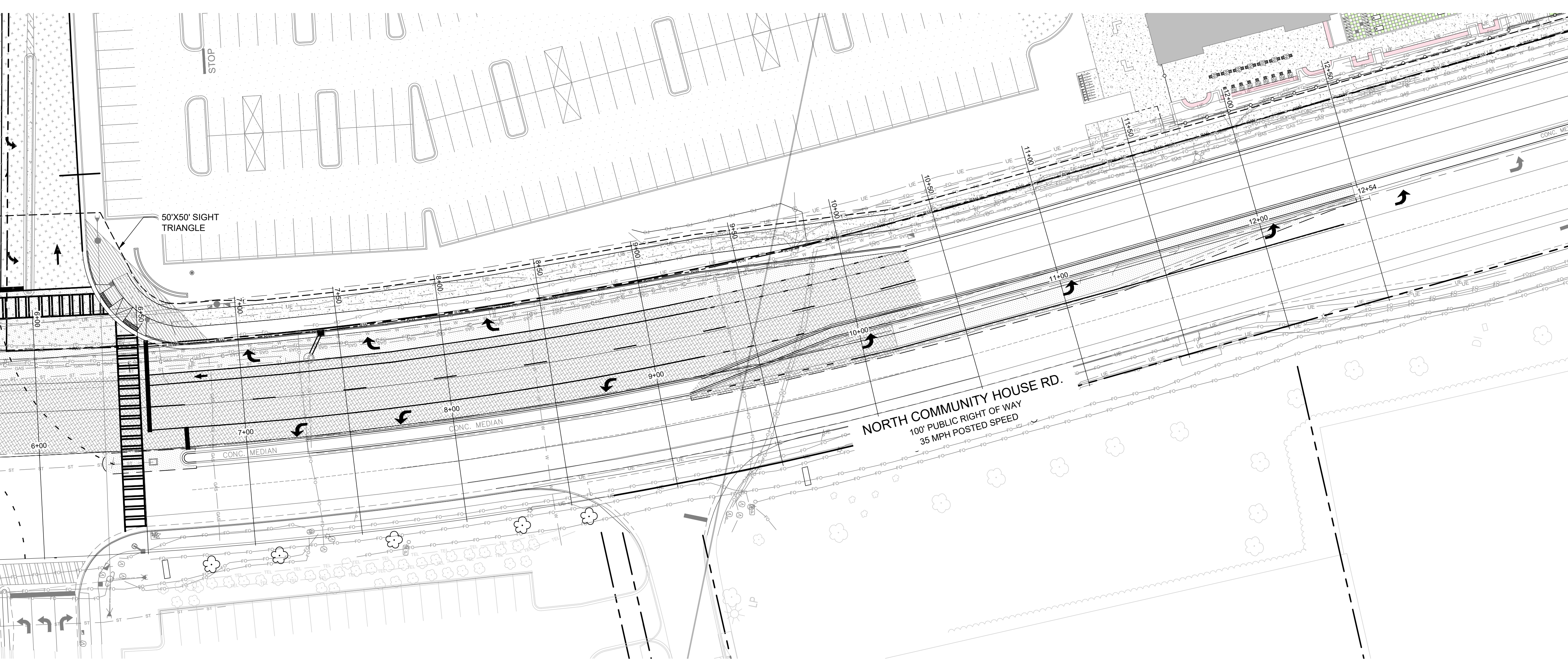
NOTE: THIS PLAN APPROVAL DOES NOT INCLUDE CHARLOTTE WATER FOR MORE INFORMATION, PLEASE CALL 336-5499-2442. CHARLOTTE WATER SCHEDULE PRE-CONSTRUCTION MEETING AT LEAST 45 DAYS PRIOR TO ANY LAND DISTURBING ACTIVITY UNDER THIS PLAN. FOR MORE INFORMATION, VISIT CHARLOTTE.GOV/DEVELOPMENTCENTER.
 NOTE: THIS PLAN APPROVAL DOES NOT INCLUDE BUILDING PERMITS AND ZONING APPROVALS. CHECK HICKLENBURG COUNTY CODE ENFORCEMENT, 314-CODE(2633) FOR MORE INFORMATION.



SYMBOL

	CONCRETE PAVING (CLDSM 10.22, CLDSM 10.42)
	MILL & OVERLAY (SEE DETAIL 2 ON SHEET C1-10-V3)
	ASPHALT (CLDSM U-07)

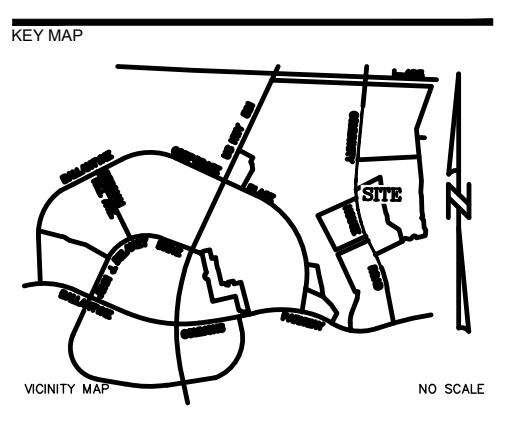
MATCHLINE STA: 5+50.00SEE BELOW



MATCHLINE STA" 5+50.00SEE ABOVE

LandDesign.

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 704.333.0325
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 NC ENG. FIRM LICENSE # C-0658



PROJECT

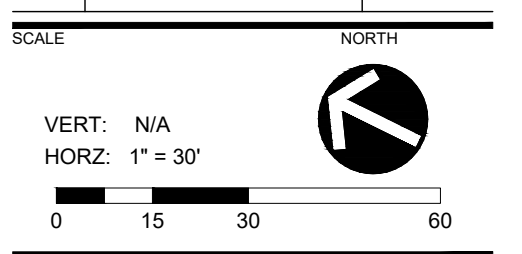
WEGMANS BALLANTYNE

WEGMANS
 100 WEGMANS
 MARKETS STREET
 ROCHESTER, NEW YORK 14624

LANDDESIGN PROJ# 1023199

REVISION / ISSUANCE

NO.	DESCRIPTION	DATE
1	LAND DEVELOPMENT	05/23/2024
2	LAND DEVELOPMENT 2ND SUBMITTAL	08/13/2024
3	LAND DEVELOPMENT 3RD SUBMITTAL	09/18/2024



SHEET TITLE

NORTH COMMUNITY HOUSE RD CROSS SECTIONS

SHEET NUMBER

C6-04

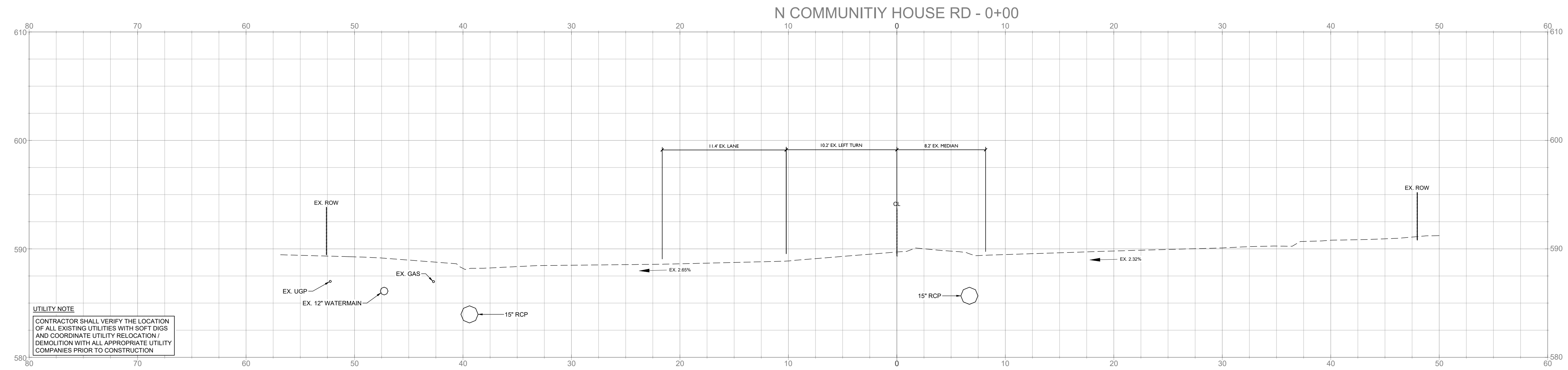


FINAL APPROVAL
 DATE: 10/11/2024
 PROJECT NUMBER: LDCP-2024-00382

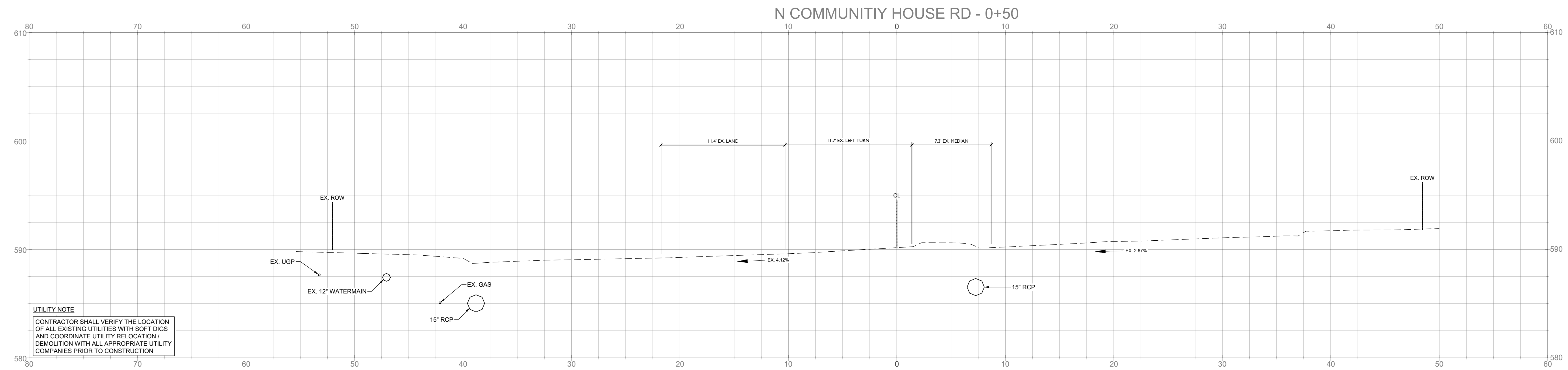
NOTE: THIS PLAN APPROVAL DOES NOT INCLUDE CHARLOTTE WATER. FOR MORE INFORMATION, PLEASE CALL 704-336-5499 or visit charlottewater.org
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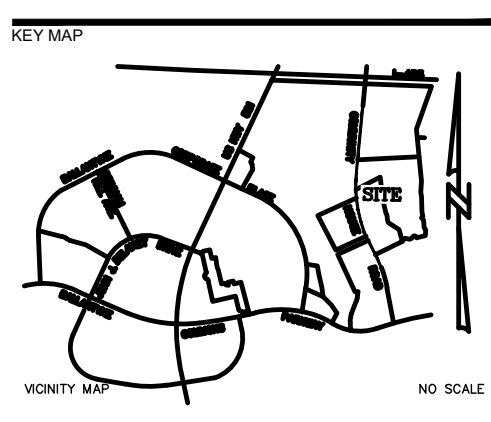
223 NORTH GRAHAM STREET
 CHARLOTTE, NC 28202
 704.333.0325
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 NC ENG. FIRM LICENSE # C-0658



UTILITY NOTE
 CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES WITH SOFT DIGS AND COORDINATE UTILITY RELOCATION / DEMOLITION WITH ALL APPROPRIATE UTILITY COMPANIES PRIOR TO CONSTRUCTION



UTILITY NOTE
 CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES WITH SOFT DIGS AND COORDINATE UTILITY RELOCATION / DEMOLITION WITH ALL APPROPRIATE UTILITY COMPANIES PRIOR TO CONSTRUCTION



PROJECT
WEGMANS BALLANTYNE
 WEGMANS
 100 WEGMANS
 MARKETS STREET
 ROCHESTER, NEW YORK 14624

LANDDESIGN PROJ.# 1023199

REVISION / ISSUANCE

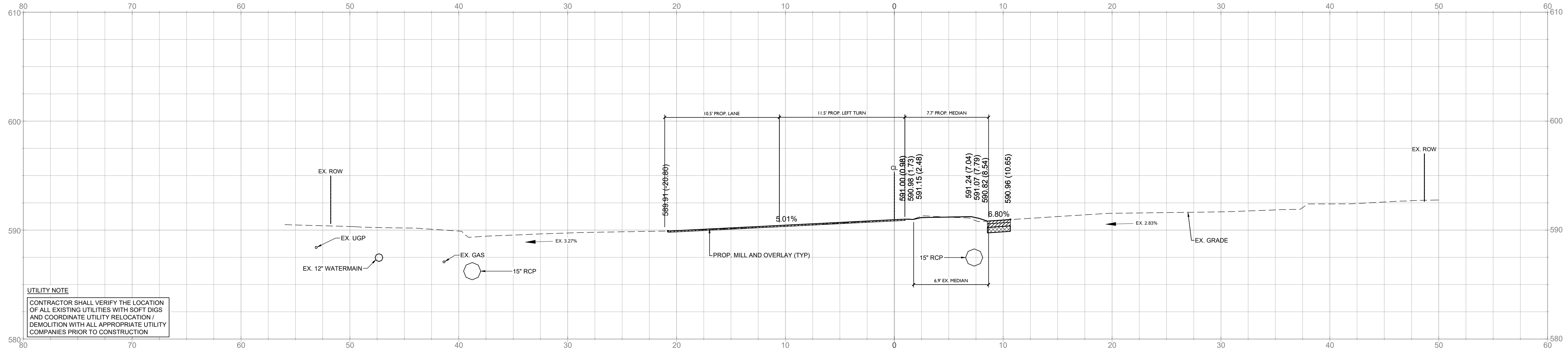
NO.	DESCRIPTION	DATE
1	LAND DEVELOPMENT	05/23/2024
2	LAND DEVELOPMENT 2ND SUBMITTAL	08/13/2024
3	LAND DEVELOPMENT 3RD SUBMITTAL	09/18/2024

SCALE NORTH
 VERT: 1" = 5'
 HORZ: 1" = 5'

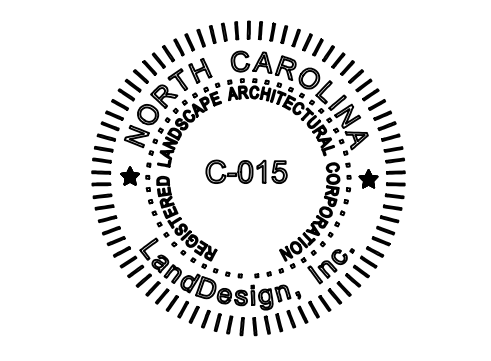
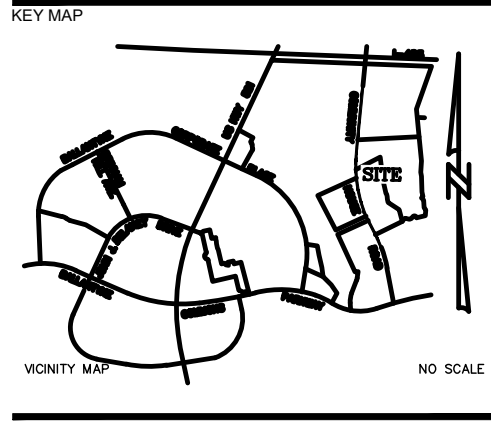
SHEET TITLE
NORTH COMMUNITY HOUSE CROSS SECTIONS

SHEET NUMBER
C6-05

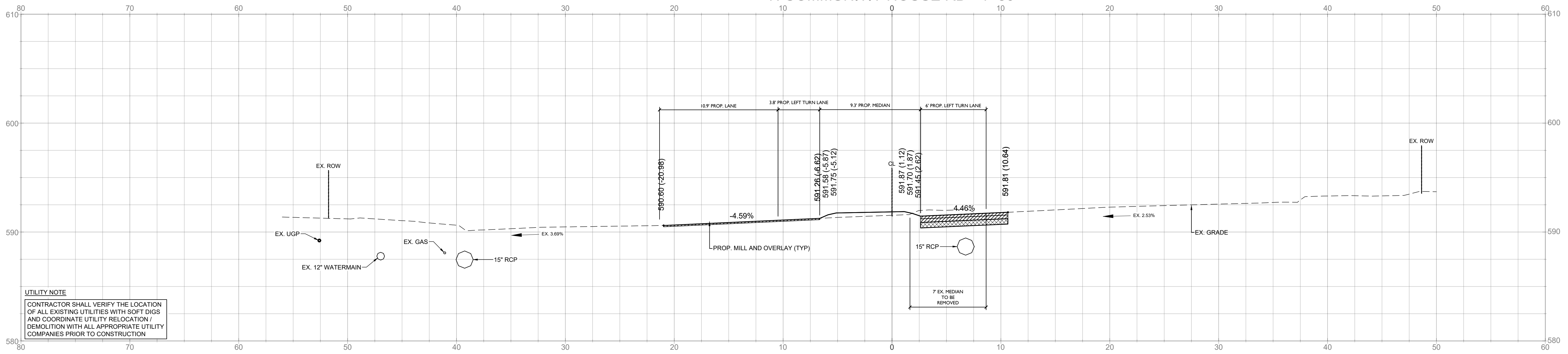
N COMMUNITY HOUSE RD - 1+00



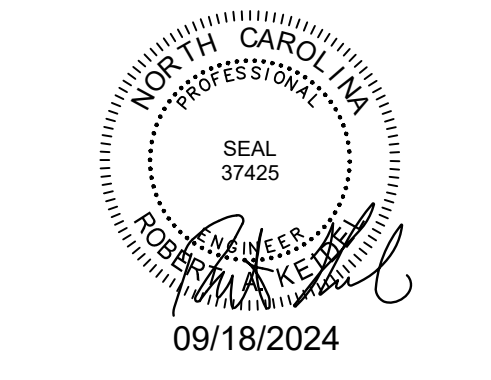
UTILITY NOTE
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N COMMUNITY HOUSE RD - 1+50



UTILITY NOTE
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PROJECT

WEGMANS BALLANTYNE

WEGMANS
 100 WEGMANS
 MARKETS STREET
 ROCHESTER, NEW YORK 14624

LANDDESIGN PROJ.# 1023199

REVISION / ISSUANCE

NO.	DESCRIPTION	DATE
1	LAND DEVELOPMENT	05/23/2024
2	LAND DEVELOPMENT 2ND SUBMITTAL	08/13/2024
3	LAND DEVELOPMENT 3RD SUBMITTAL	09/18/2024

SCALE NORTH

VERT: 1" = 5'
 HORZ: 1" = 5'

SHEET TITLE
 NORTH COMMUNITY HOUSE CROSS SECTIONS

SHEET NUMBER

C6-06



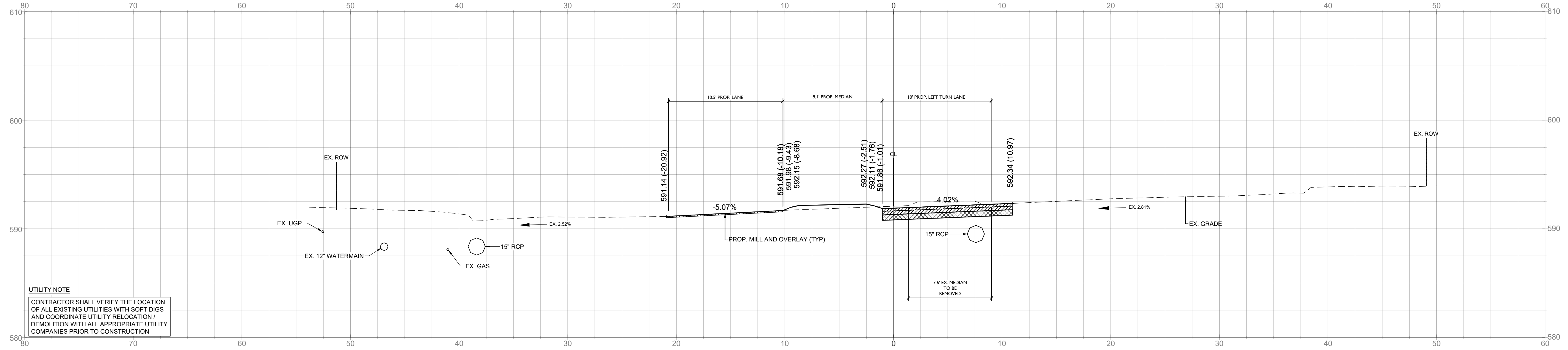
FINAL APPROVAL
DATE: 10/11/2024
PROJECT NUMBER: LDCP-2024-00382

NOTE: THIS PLAN APPROVAL DOES NOT INCLUDE CHARLOTTE WATER. FOR MORE INFORMATION, PLEASE CALL 704-336-5499 or visit charlottewater.org
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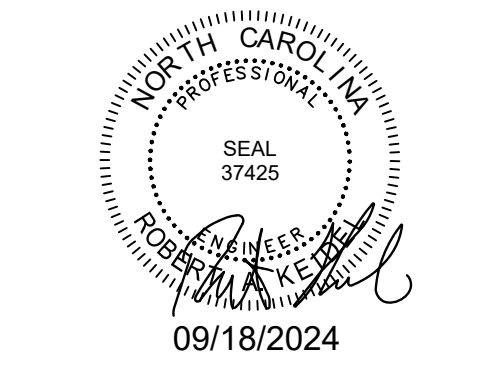
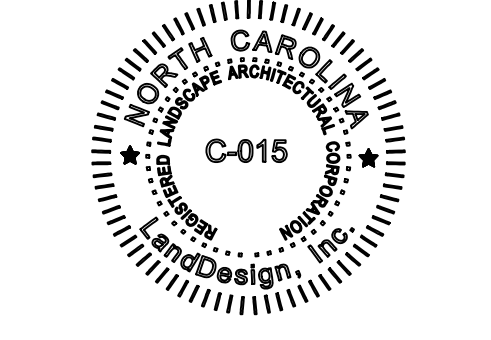
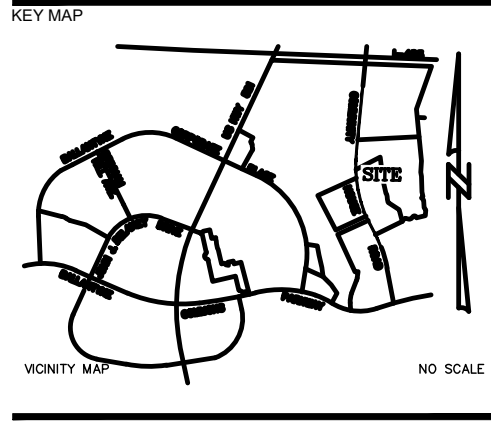


223 NORTH GRAHAM STREET
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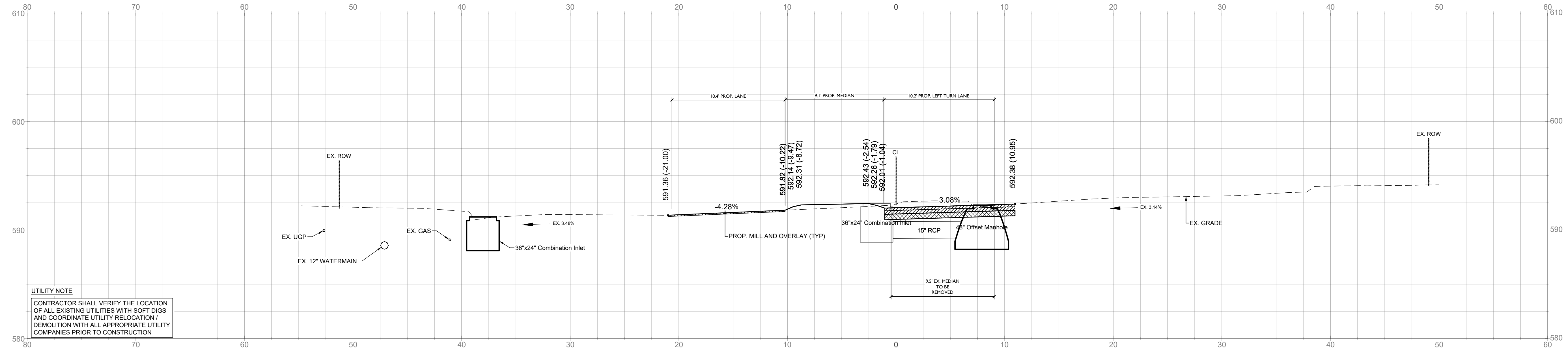
N COMMUNITY HOUSE RD - 1+86



UTILITY NOTE
CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES WITH SOFT DIGS AND COORDINATE UTILITY RELOCATION / DEMOLITION WITH ALL APPROPRIATE UTILITY COMPANIES PRIOR TO CONSTRUCTION



N COMMUNITY HOUSE RD - 2+00



UTILITY NOTE
CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES WITH SOFT DIGS AND COORDINATE UTILITY RELOCATION / DEMOLITION WITH ALL APPROPRIATE UTILITY COMPANIES PRIOR TO CONSTRUCTION

PROJECT
WEGMANS BALLANTYNE

WEGMANS
100 WEGMANS
MARKETS STREET
ROCHESTER, NEW YORK 14624

LANDDESIGN PROJ# 1023199

REVISION / ISSUANCE

NO.	DESCRIPTION	DATE
1	LAND DEVELOPMENT	05/23/2024
2	LAND DEVELOPMENT 2ND SUBMITTAL	08/13/2024
3	LAND DEVELOPMENT 3RD SUBMITTAL	09/18/2024

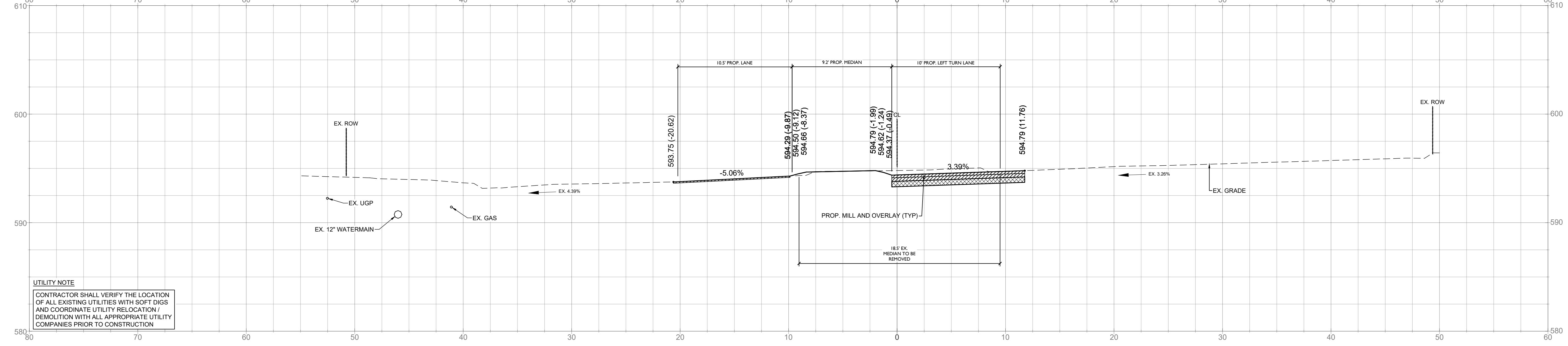
SCALE NORTH

VERT: 1" = 5'
HORZ: 1" = 5'

SHEET TITLE
NORTH COMMUNITY HOUSE CROSS SECTIONS

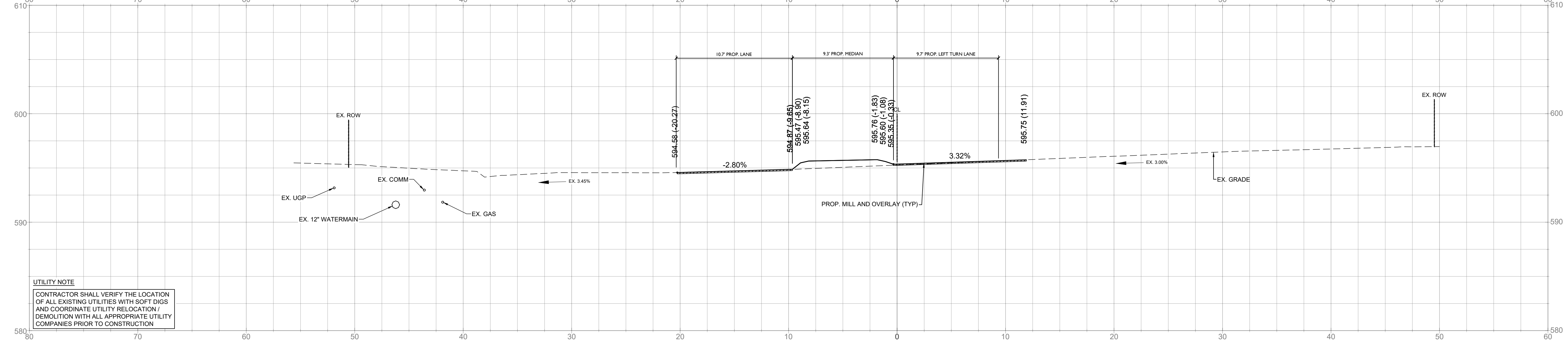
SHEET NUMBER
C6-07

N COMMUNITY HOUSE RD - 3+50

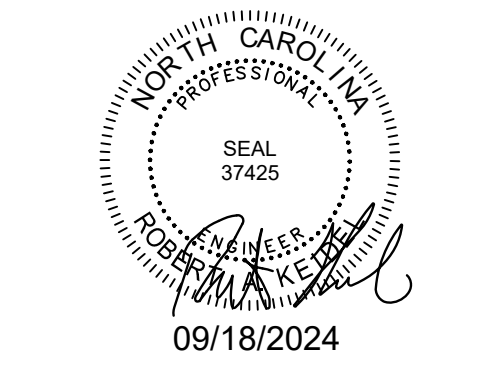
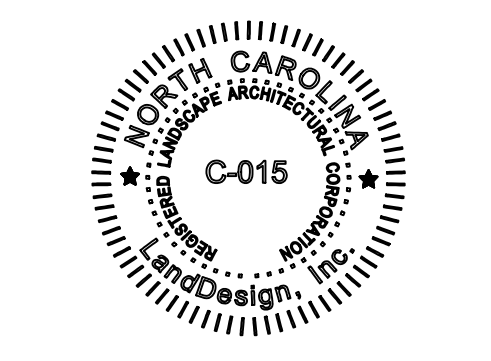
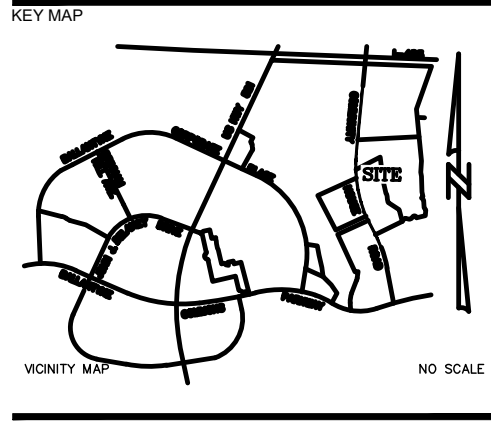


UTILITY NOTE
 CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES WITH SOFT DIGS AND COORDINATE UTILITY RELOCATION / DEMOLITION WITH ALL APPROPRIATE UTILITY COMPANIES PRIOR TO CONSTRUCTION

N COMMUNITY HOUSE RD - 4+00



UTILITY NOTE
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PROJECT
WEGMANS BALLANTYNE
 WEGMANS
 100 WEGMANS
 MARKET STREET
 ROCHESTER, NEW YORK 14624

LANDDESIGN PROJ.# 1023199

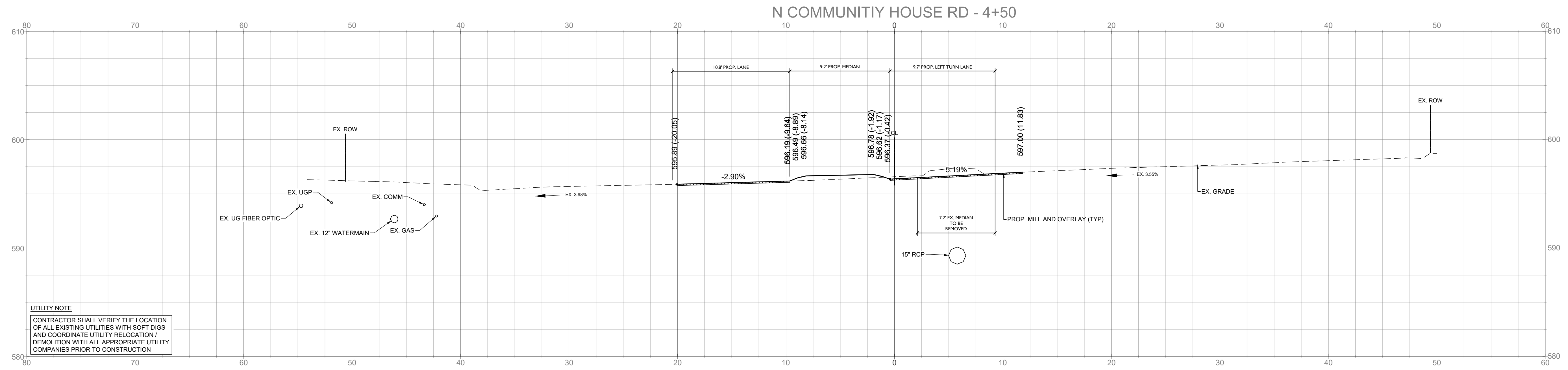
REVISION / ISSUANCE

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1	LAND DEVELOPMENT	05/23/2024
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3	LAND DEVELOPMENT 3RD SUBMITTAL	09/18/2024

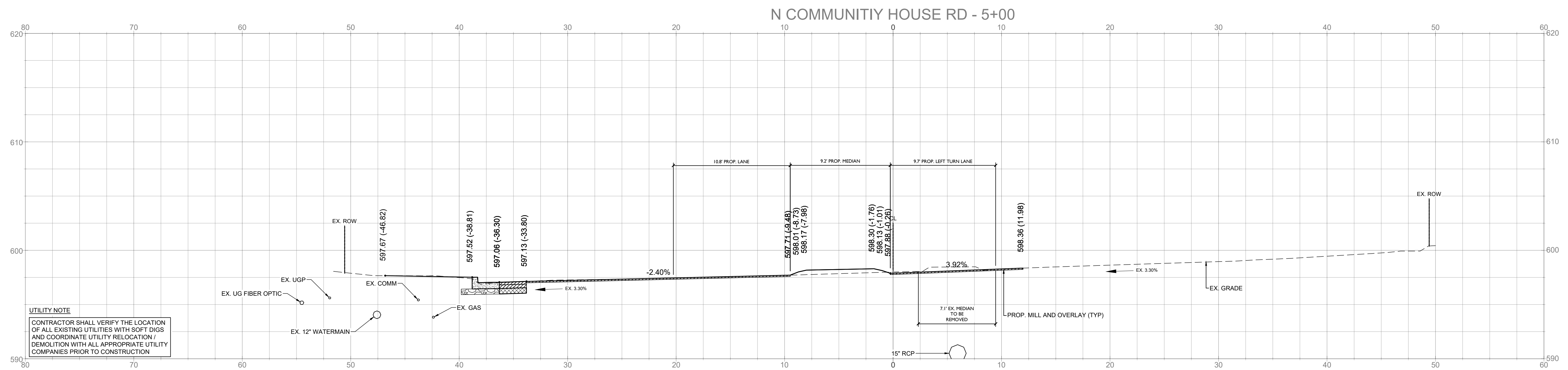
SCALE: NORTH
 VERT: 1" = 5'
 HORZ: 1" = 5'

SHEET TITLE
 NORTH COMMUNITY HOUSE CROSS SECTIONS

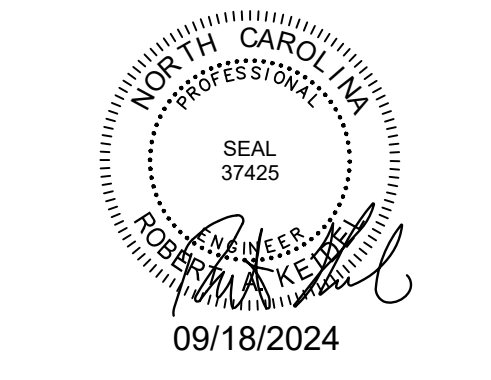
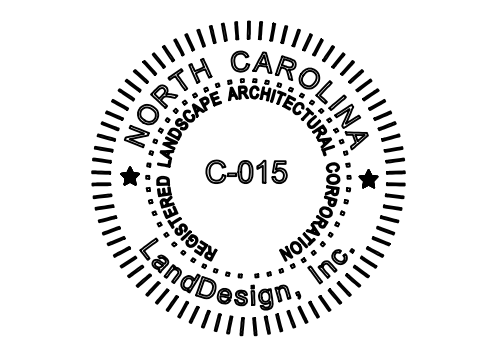
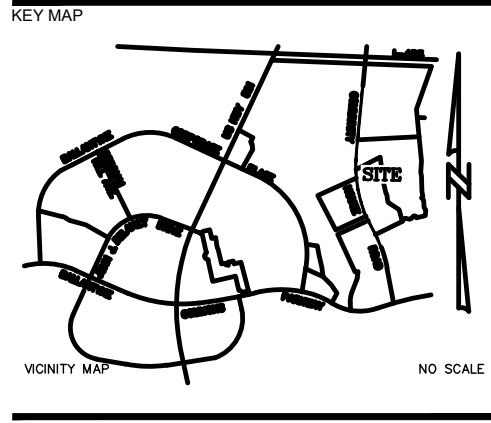
SHEET NUMBER
 C6-09



UTILITY NOTE
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UTILITY NOTE
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PROJECT

WEGMANS BALLANTYNE

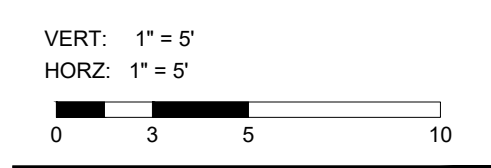
WEGMANS
 100 WEGMANS
 MARKETS STREET
 ROCHESTER, NEW YORK 14624

LANDDESIGN PROJ.# 1023199

REVISION / ISSUANCE

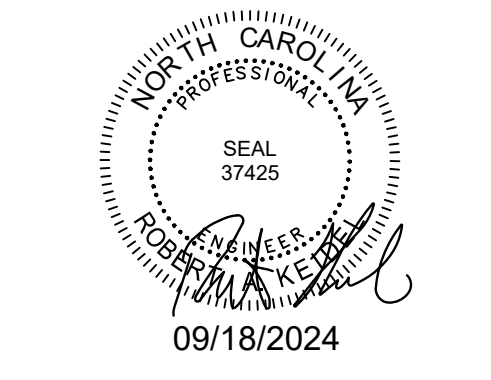
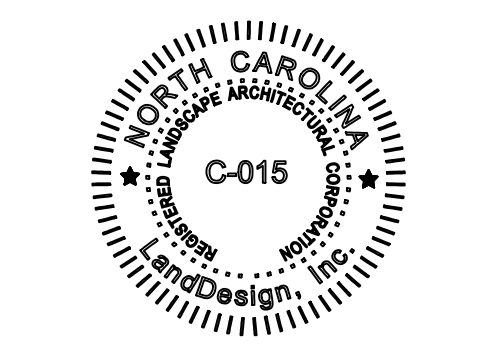
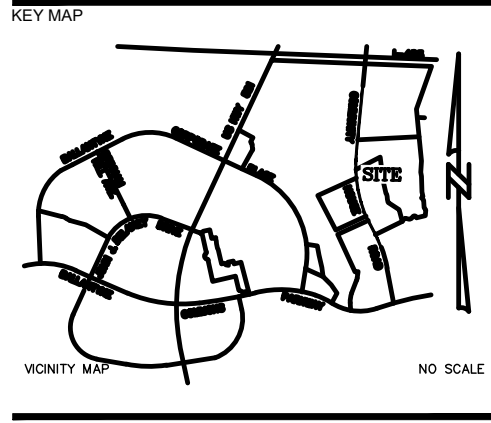
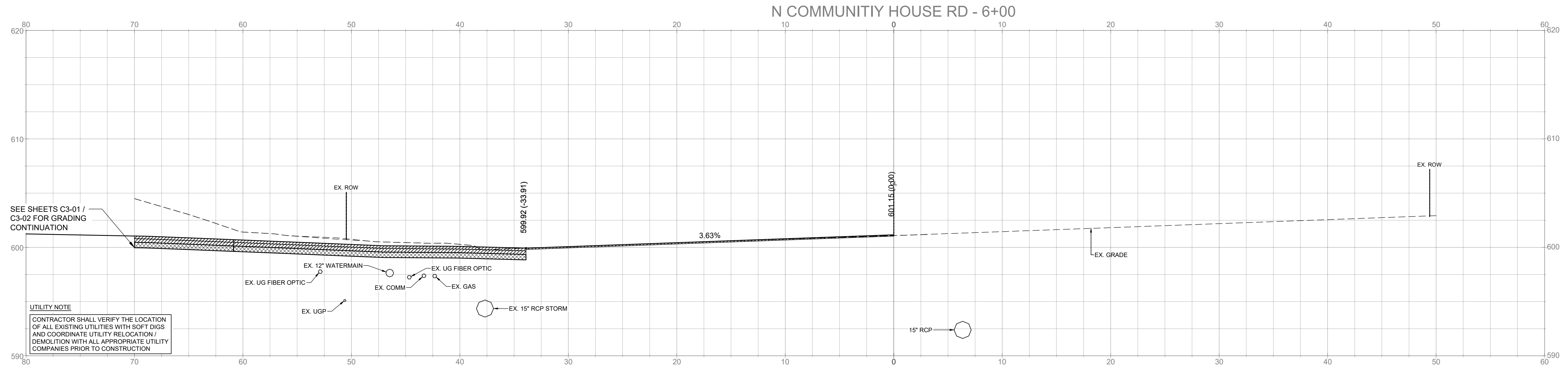
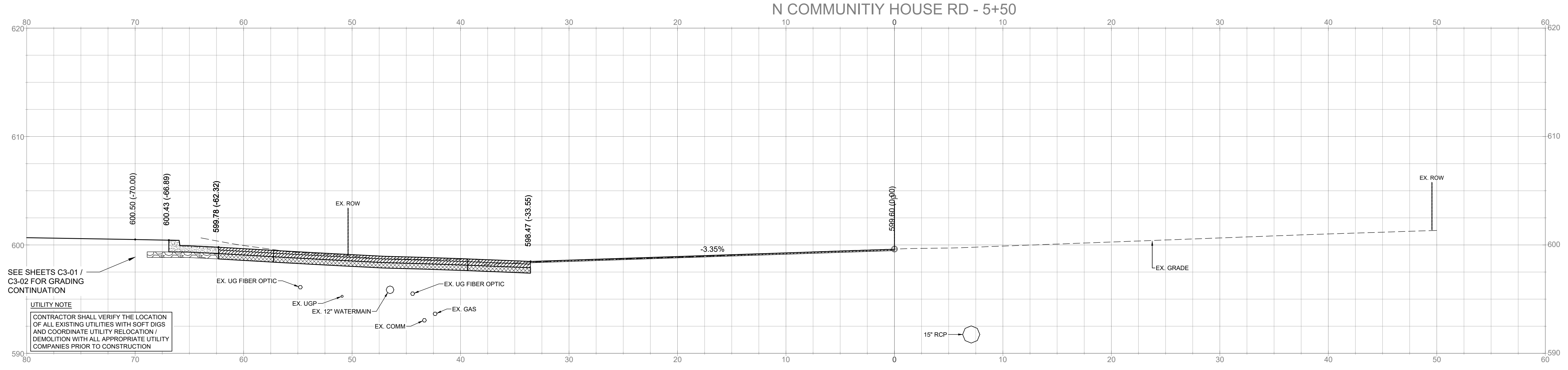
NO.	DESCRIPTION	DATE
1	LAND DEVELOPMENT	05/23/2024
2	LAND DEVELOPMENT 2ND SUBMITTAL	08/13/2024
3	LAND DEVELOPMENT 3RD SUBMITTAL	09/18/2024

SCALE NORTH



SHEET TITLE
NORTH COMMUNITY HOUSE CROSS SECTIONS

SHEET NUMBER
C6-10



PROJECT
WEGMANS BALLANTYNE
 WEGMANS
 100 WEGMANS
 MARKETS STREET
 ROCHESTER, NEW YORK 14624

LANDDESIGN PROJ.# 1023199

REVISION / ISSUANCE

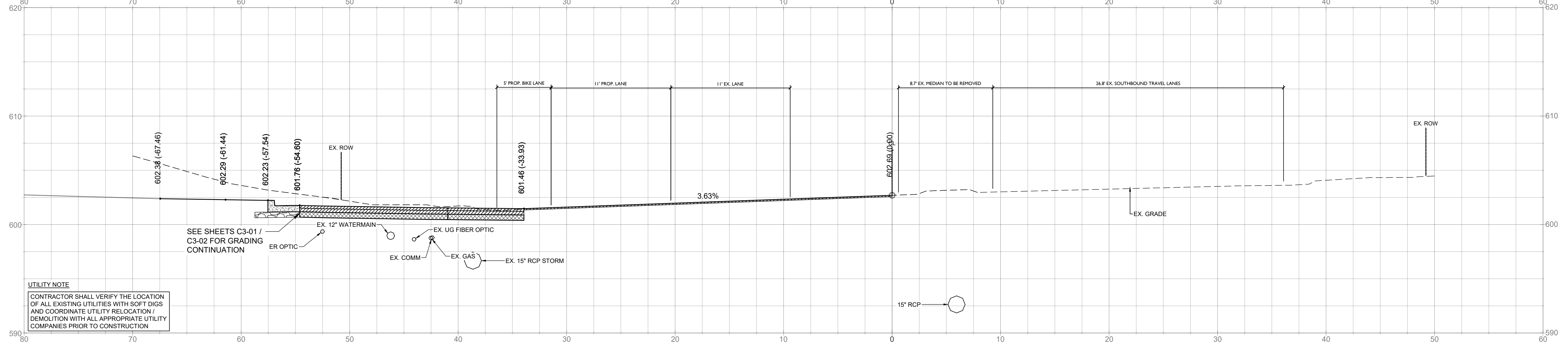
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SCALE NORTH
 VERT: 1" = 5'
 HORZ: 1" = 5'

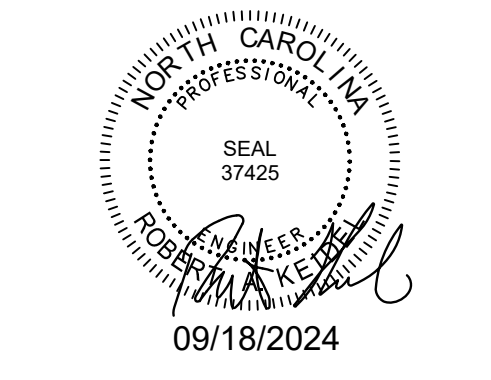
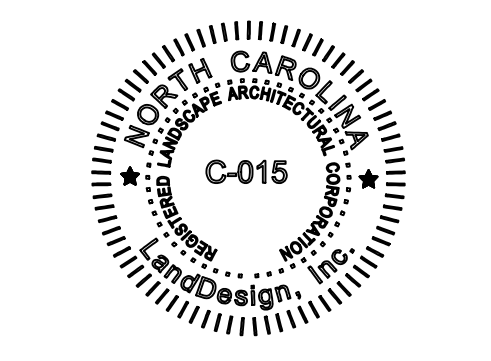
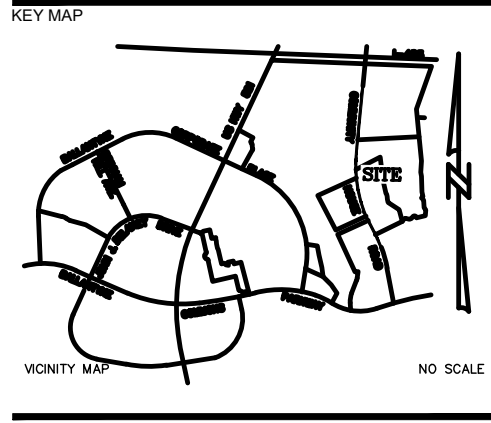
SHEET TITLE
NORTH COMMUNITY HOUSE CROSS SECTIONS

SHEET NUMBER
C6-11

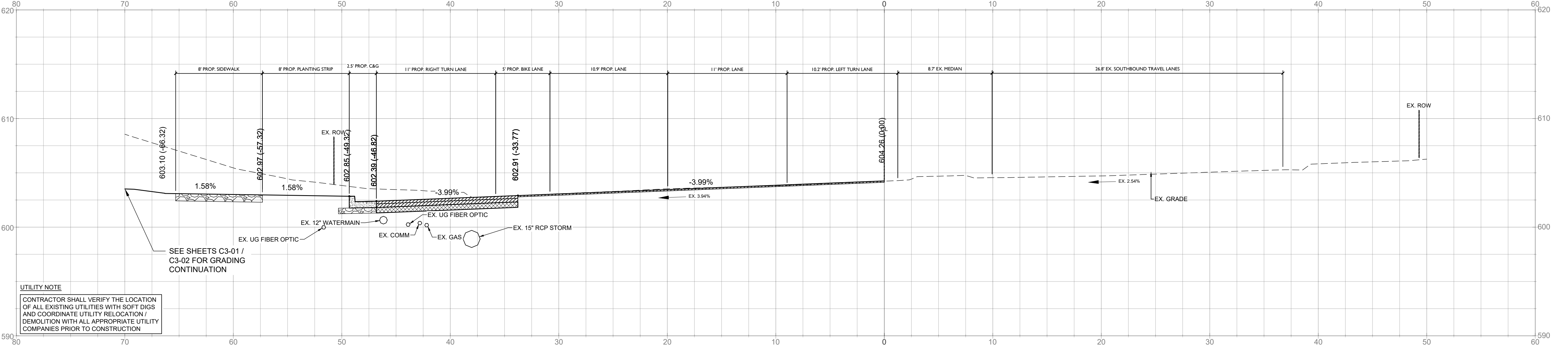
N COMMUNITY HOUSE RD - 6+50



UTILITY NOTE
 CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES WITH SOFT DIGS AND COORDINATE UTILITY RELOCATION / DEMOLITION WITH ALL APPROPRIATE UTILITY COMPANIES PRIOR TO CONSTRUCTION



N COMMUNITY HOUSE RD - 7+00



UTILITY NOTE
 CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES WITH SOFT DIGS AND COORDINATE UTILITY RELOCATION / DEMOLITION WITH ALL APPROPRIATE UTILITY COMPANIES PRIOR TO CONSTRUCTION

PROJECT

WEGMANS BALLANTYNE

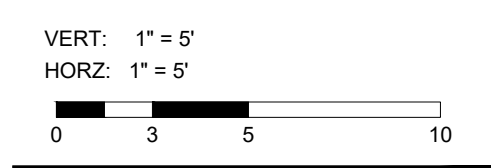
WEGMANS
 100 WEGMANS
 MARKETS STREET
 ROCHESTER, NEW YORK 14624

LANDDESIGN PROJ.# 1023199

REVISION / ISSUANCE

NO.	DESCRIPTION	DATE
1	LAND DEVELOPMENT	05/23/2024
2	LAND DEVELOPMENT 2ND SUBMITTAL	08/13/2024
3	LAND DEVELOPMENT 3RD SUBMITTAL	09/18/2024

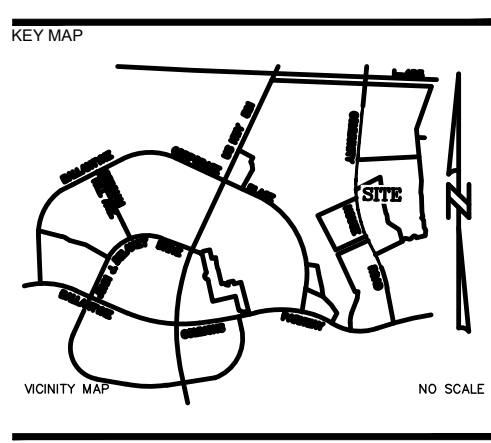
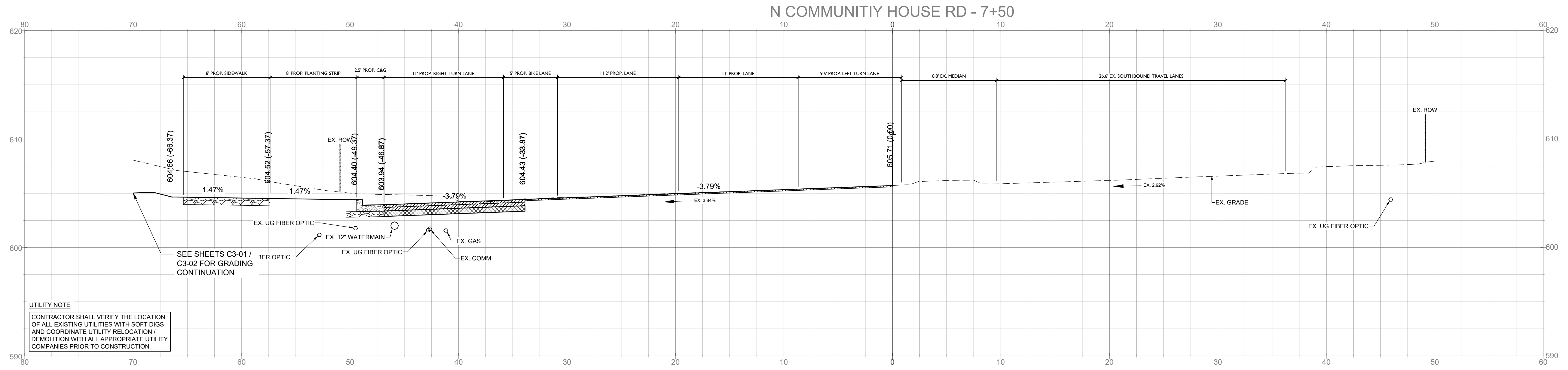
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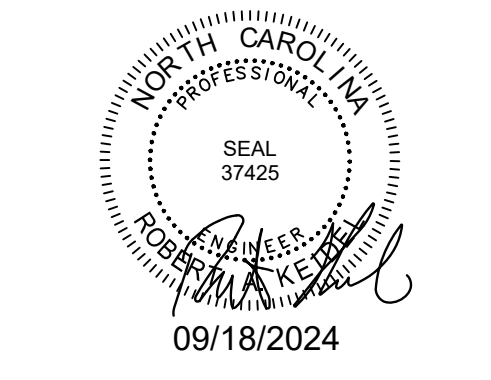
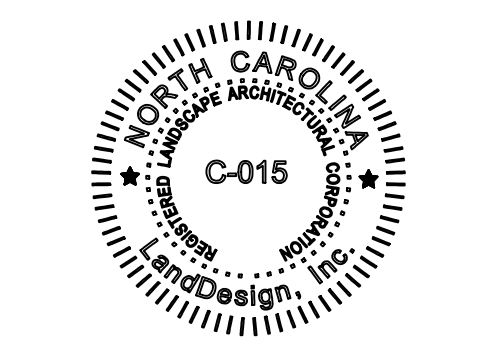
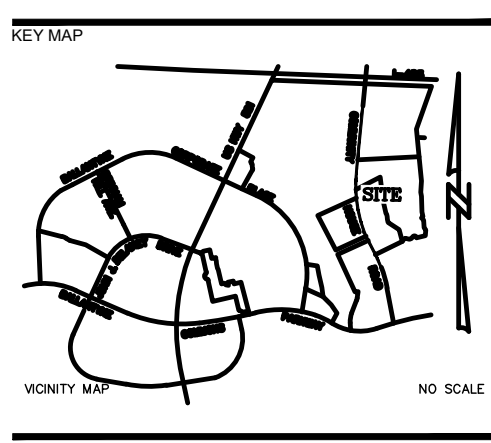
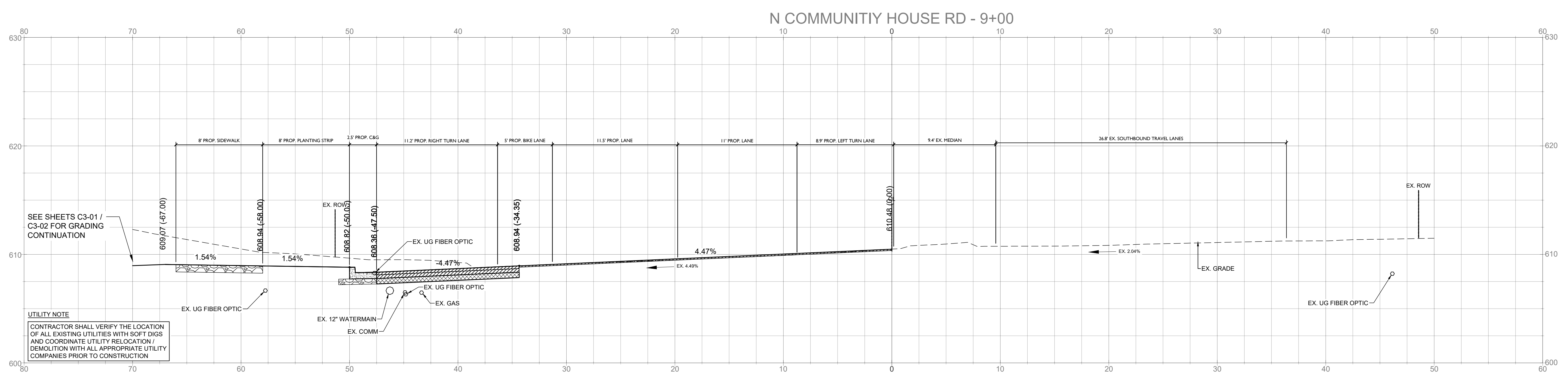


SHEET TITLE
NORTH COMMUNITY HOUSE CROSS SECTIONS

SHEET NUMBER

C6-12





PROJECT

WEGMANS BALLANTYNE

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LANDDESIGN PROJ.# 1023199

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3	LAND DEVELOPMENT 3RD SUBMITTAL	09/18/2024

SCALE NORTH

VERT: 1" = 5'
 HORZ: 1" = 5'

SHEET TITLE

NORTH COMMUNITY HOUSE CROSS SECTIONS

SHEET NUMBER

C6-14



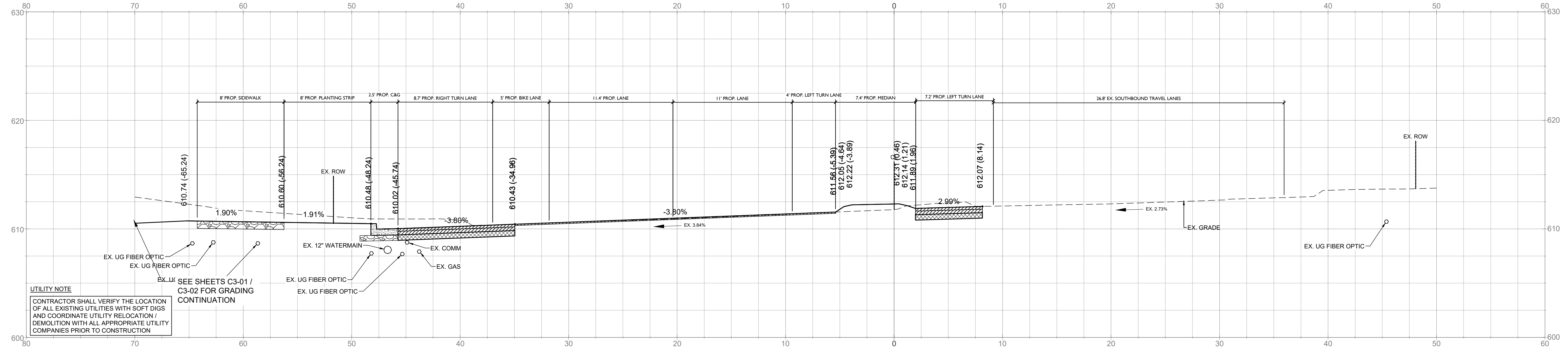
FINAL APPROVAL
DATE: 10/11/2024
PROJECT NUMBER: LDCP-2024-00382

NOTE: THIS PLAN APPROVAL DOES NOT INCLUDE CHARLOTTE WATER. FOR MORE INFORMATION, PLEASE CALL 704-336-5499 or visit charlottewater.org
NOTE: SCHEDULE PRE-CONSTRUCTION MEETING AT LEAST 48 HRS. PRIOR TO ANY LAND DISTURBING ACTIVITY USING THE ONLINE FORM FOUND AT charlottenc.gov/developmentcenter
NOTE: THIS PLAN APPROVAL DOES NOT INCLUDE COMMERCIAL ZONING. ALL BUILDING PERMITS AND ZONING APPROVALS CAN BE OBTAINED AT HICKLENBURG COUNTY CODE ENFORCEMENT. PLEASE CALL CTAC AT 704-314-CODE(2633) FOR MORE INFORMATION.

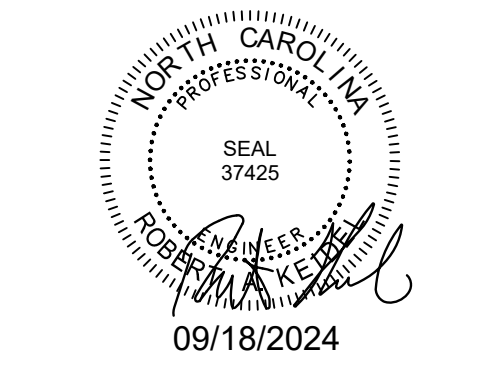
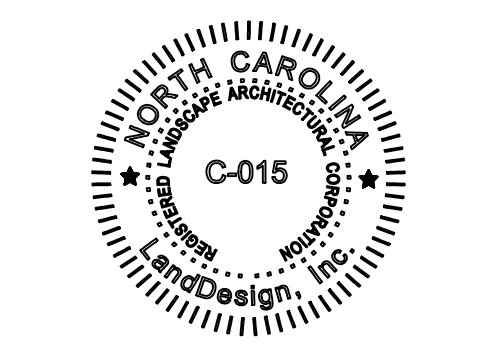
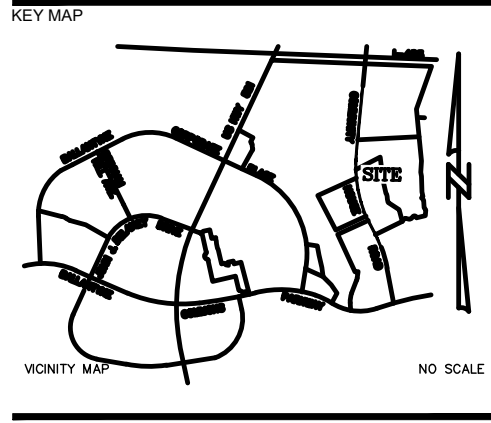
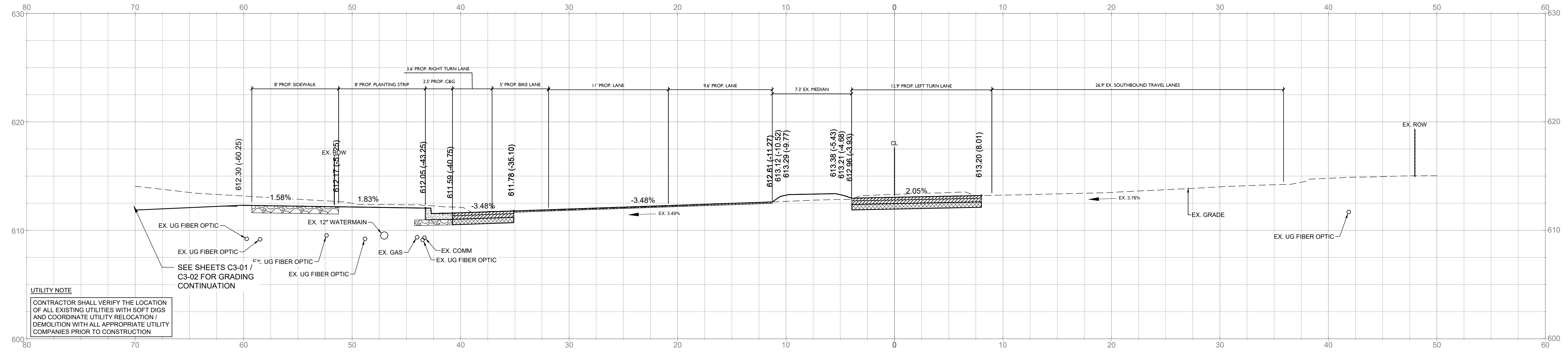


223 NORTH GRAHAM STREET
CHARLOTTE, NC 28202
704.333.0325
WWW.LANDDESIGN.COM
NC ENG. FIRM LICENSE # C-0658

N COMMUNITY HOUSE RD - 9+50



N COMMUNITY HOUSE RD - 10+00



PROJECT

WEGMANS BALLANTYNE

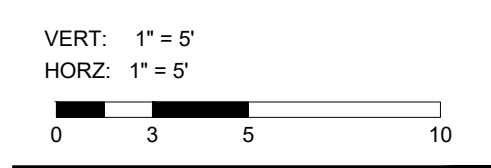
WEGMANS
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LANDDESIGN PROJ# 1023199

REVISION / ISSUANCE

NO.	DESCRIPTION	DATE
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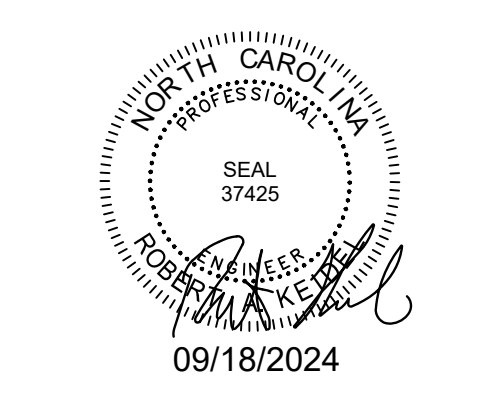
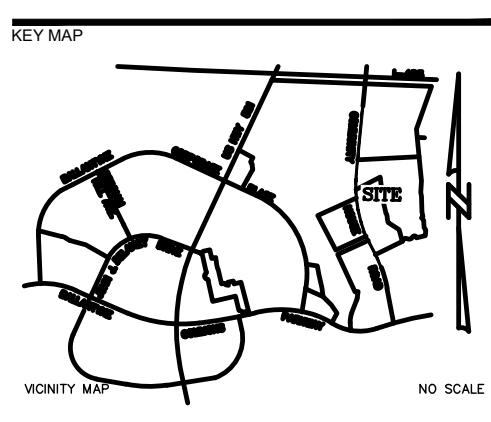
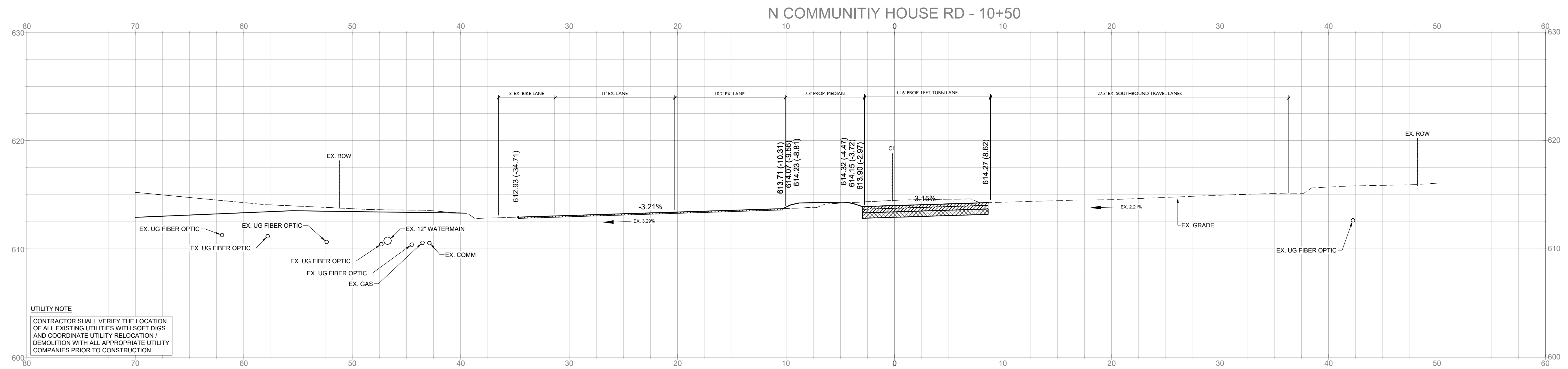
SCALE NORTH



SHEET TITLE
NORTH COMMUNITY HOUSE
CROSS SECTIONS

SHEET NUMBER

C6-15



PROJECT

WEGMANS BALLANTYNE

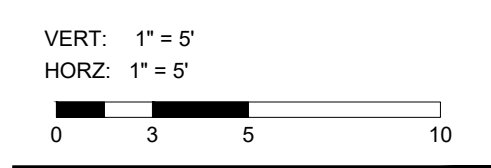
WEGMANS
 100 WEGMANS
 MARKETS STREET
 ROCHESTER, NEW YORK 14624

LANDDESIGN PROJ.# 1023199

REVISION / ISSUANCE

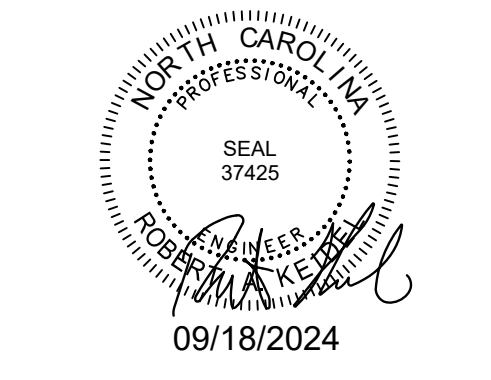
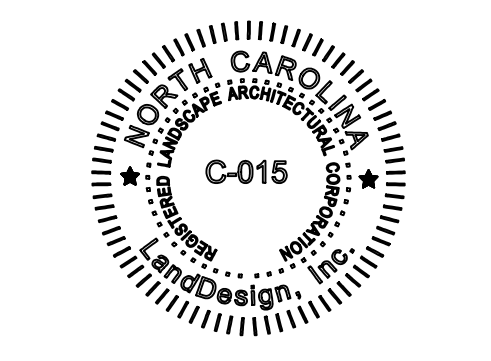
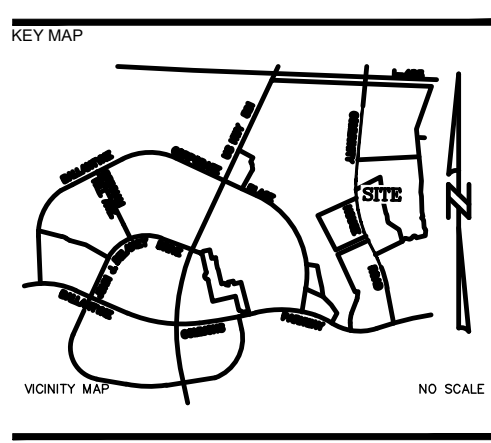
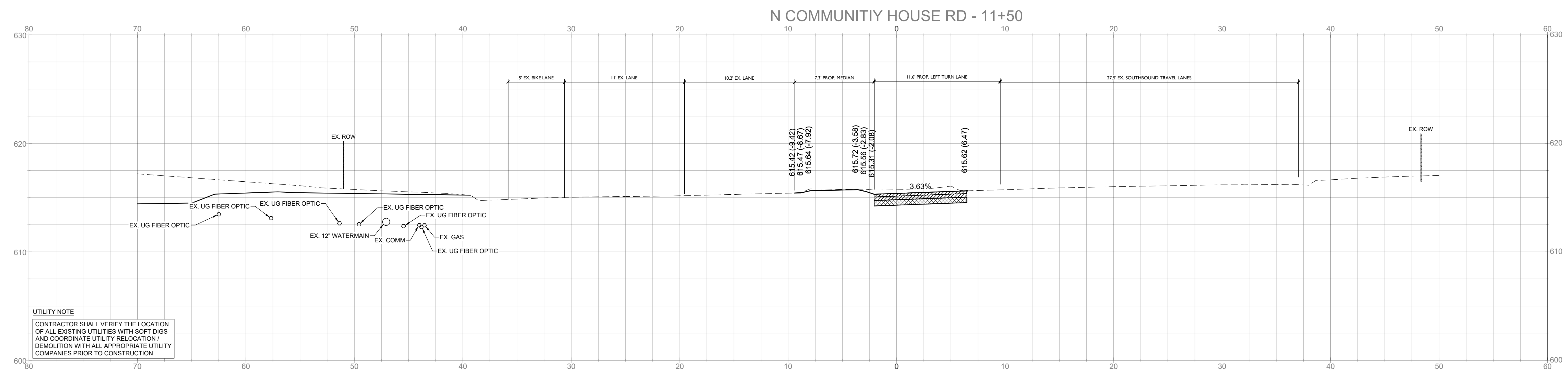
NO.	DESCRIPTION	DATE
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2	LAND DEVELOPMENT 2ND SUBMITTAL	08/13/2024
3	LAND DEVELOPMENT 3RD SUBMITTAL	09/18/2024

SCALE NORTH



SHEET TITLE
NORTH COMMUNITY HOUSE CROSS SECTIONS

SHEET NUMBER
C6-16



PROJECT

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LANDDESIGN PROJ.# 1023199

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3	LAND DEVELOPMENT 3RD SUBMITTAL	09/18/2024

SCALE NORTH

VERT: 1" = 5'
 HORZ: 1" = 5'

SHEET TITLE

NORTH COMMUNITY HOUSE CROSS SECTIONS

SHEET NUMBER

C6-17