

400 N. GREENSBORO STREET

CARRBORO, NC 27510

PIN: 9778876328



SECTION #	REGULATION	PROPOSED 400 N. GREENSBORO PER B1-G-CZ
15-146	PERMISSIBLE USE	1.321 MULTI-FAMILY PERMITTED & PROPOSED
15-178	DOWNTOWN ARCHITECTURAL STANDARDS	ARTICULATED ENTRIES GLAZING: 60% GROUND, 40% OVERALL, 20% SHADE FREE
15-181	MINIMUM LOT SIZE	3,000 SF RESIDENTIAL (OTHERWISE NO LIMIT)
15-182	RESIDENTIAL DENSITY	3,000 SF/UNIT MIN. = 5 + 2 (DENSITY BONUS) = 7 (DENSITY BONUS PER 15-141.4)
15-182.4	AFFORDABLE UNITS	PAYMENT IN-LIEU
15-183	LOT WIDTH	NO MINIMUM (107' ACTUAL)
15-184	SETBACKS	0' STREET ROW PERMITTED, 20' PROPOSED 0' LOT BOUNDARY PERMITTED; 4' MIN. @ REAR
15-185	BUILDING HEIGHT	ADJACENT TO N. GREENSBORO (OVER 50' ROW) & PARKER ST. (16' ROW) 3 STORIES BUILDING LENGTH ALONG BOUNDARY <80% LOT (86.4') OR 80' MAX, 10' STEP BACK FROM SECOND FLOOR FACADE
15-185.1	DNP BUFFER	1.3 NO PARKING MINIMUM, MAX = 1/BED+1 PER 4 UNITS
15-291	PARKING	7 + 1 ADA = 8 PROVIDED
	BICYCLE PARKING	1.5/UNIT = 11 PROVIDED
15-250	SCREENING OF DUMPSTERS	REQUIRED IF CLEARLY VISIBLE
15-308	SCREENING & TREES	TREE CANOPY: 40% REDUCED TO 20% PER 15-319(N) SEE ATTACHED REQUEST BROKEN SCREEN TYPE "C"
15-196	RECREATIONAL AREA POINTS	SUBSECTION D-2: NOT REQUIRED FOR SUBDIVIDED RESIDENTIAL <15 UNITS N/A PER B1-G-CZ
15-198	OPEN SPACE	SUBSECTION J: NOT REQUIRED FOR SUBDIVIDED RESIDENTIAL <15 UNITS N/A PER B1-G-CZ
15-204	DOWNTOWN LIVABILITY AREA	>25% RESIDENTIAL: 12% OF TOTAL LAND AREA = 1,915 SF 2,200 SF PROVIDED

NOTE ADDED RD. 3-4-28-25
ADDITION OF COMMERCIAL SPACE TO THIS SITE AT A LATER DATE WILL REQUIRE A MINOR MODIFICATION TO THE SUP-A

SHEET LIST

TITLE	#
PROJECT COVER SHEET	A0.0
CIVIL COVER & SITE DATA SURVEY	C1.1
EXISTING CONDITIONS & DEVELOPMENT PLAN	C2.1
SITE LAYOUT PLAN	C3.1
GRAZING & STORM DRAINAGE PLAN	C4.1
UTILITY PLAN	C5.1
STORM DRAINAGE PLAN & PROFILE	CS.1
DETAILS	C11.1
DETAILS	C11.2
DETAILS	C11.3
DETAILS	C11.4
DETAILS	C11.5
DETAILS	C11.6
DETAILS	C11.7
DETAILS	C11.8
CONCRETE PLAN FOR CANOPY COVERAGE & BUFFER/SCREENING LANDSCAPE PLAN	L1.0
LANDSCAPE PLAN	L2.0
FLOOR PLATES	A1.0
ELEVATIONS	A2.0
REFERENCE PERSPECTIVES	A8.0
STRUCTURAL (RESERVED)	S
MECHANICAL (RESERVED)	M
PLUMBING (RESERVED)	P
ELECTRICAL (RESERVED)	E
FIRE ALARM (RESERVED)	FA

 JIM SPENCER ARCHITECTS, PA 109-A BREWER LANE CARRBORO, NC 27510 919.960.6680 JSPENCER@GMAIL.COM	OWNER BEBON LODGE, LLC 50 ELM STREET, 2ND FLOOR NEW HAVEN, CT 06510	STRUCTURAL ENGINEER	MEP	CIVIL CIVIL CONSULTANTS MICHAEL FIOCCO 3708 LYCKAN PARKWAY, SUITE 201 DARRAM, NC 27502 919.321.6887 MICHAEL.FIOCCO@CIVIL-CONSULTANTS.COM	LANDSCAPE SWANSON & ASSOCIATES P.A. DAVID SWANSON CHAPEL HILL, NC 919.929.9000 INFO@SWANSONLANDSCAPEARCHITECTURE.COM	GENERAL CONTRACTOR	SUP-A APPLICATION DATE: _____ 2020.04.00
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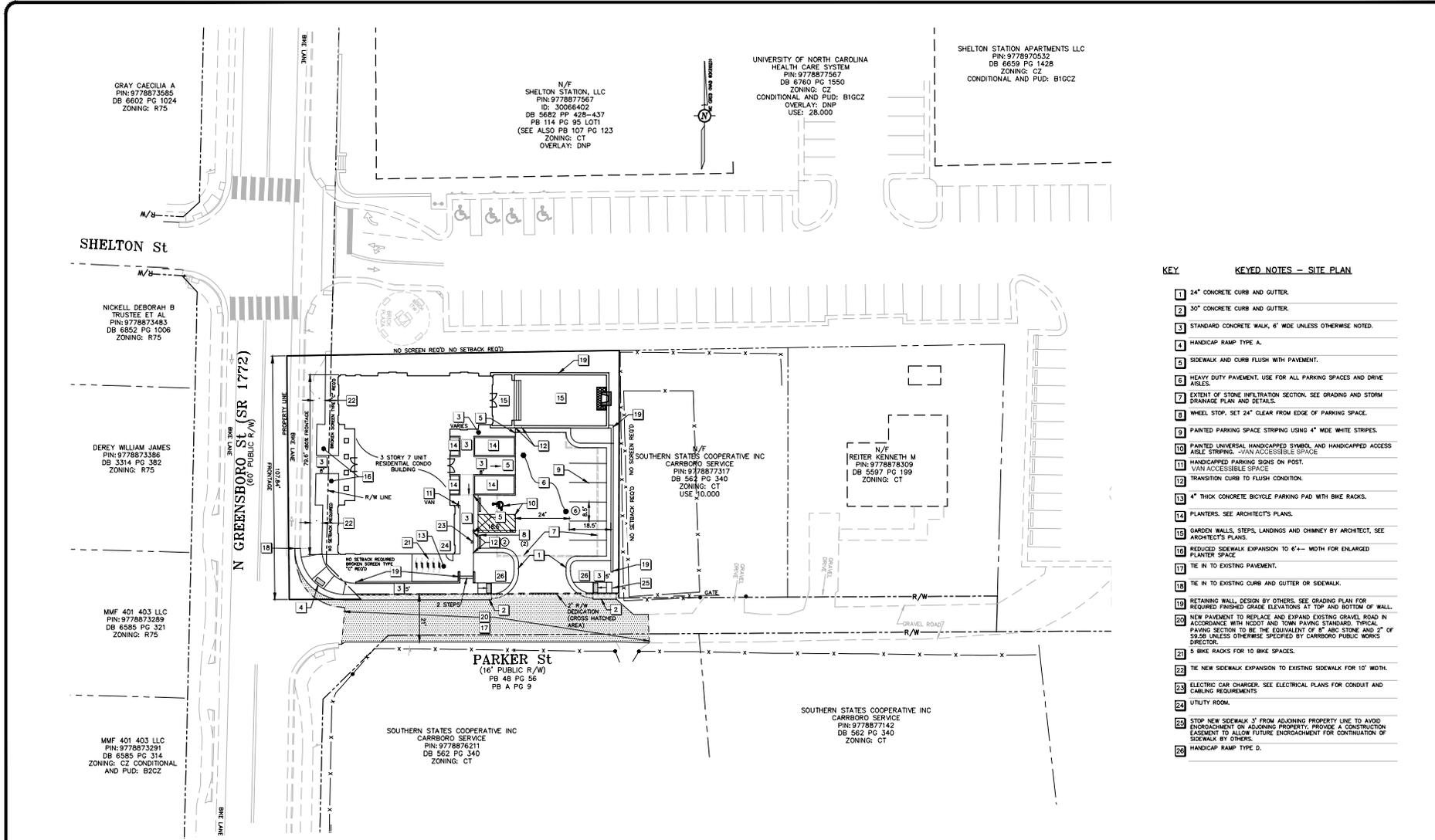


**400 NORTH GREENSBORO
CARRBORO, NORTH CAROLINA**
SITE LAYOUT
PLAN

REV.	DATE	DESCRIPTION
1	02/27/2025	TOWN REVIEW COMMENTS

DATE: NOVEMBER 20, 2024
 ALL RIGHTS RESERVED AND THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF CIVIL CONSULTANTS, INC. THE INFORMATION IS TO BE CONFIDENTIAL AND NOT BE DISCLOSED OR REPRODUCED IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF CIVIL CONSULTANTS, INC.

SHEET NO.
C3.1



- KEY:**
- KEY NOTES – SITE PLAN**
- 1 24" CONCRETE CURB AND GUTTER.
 - 2 30" CONCRETE CURB AND GUTTER.
 - 3 STANDARD CONCRETE WALK, 6" WIDE UNLESS OTHERWISE NOTED.
 - 4 HANDICAP RAMP TYPE A.
 - 5 SIDEWALK AND CURB FLUSH WITH PAVEMENT.
 - 6 HEAVY DUTY PAVEMENT. USE FOR ALL PARKING SPACES AND DRIVE AISLES.
 - 7 EXTENT OF STONE INFILTRATION SECTION. SEE GRADING AND STORM DRAINAGE PLAN AND DETAILS.
 - 8 WHEEL STOP. SET 24" CLEAR FROM EDGE OF PARKING SPACE.
 - 9 PAINTED PARKING SPACE STRIPING USING 4" WIDE WHITE STRIPES.
 - 10 PAINTED UNIVERSAL HANDICAPPED SYMBOL AND HANDICAPPED ACCESS AISLE STRIPING - VAN ACCESSIBLE SPACE.
 - 11 HANDICAPPED PARKING SIGNS ON POST.
 - 12 TRANSITION CURB TO FLUSH CONDITION.
 - 13 4" THICK CONCRETE BICYCLE PARKING PAD WITH BIKE RACKS.
 - 14 PLANTERS. SEE ARCHITECT'S PLANS.
 - 15 GARDEN WALLS, STEPS, LANDINGS AND CHIMNEY BY ARCHITECT, SEE ARCHITECT'S PLANS.
 - 16 REDUCED SIDEWALK EXPANSION TO 6'-4" WIDTH FOR ENLARGED PLANTER SPACE.
 - 17 TIE IN TO EXISTING PAVEMENT.
 - 18 TIE IN TO EXISTING CURB OR GUTTER OR SIDEWALK.
 - 19 RETAINING WALL DESIGN BY OTHERS. SEE GRADING PLAN FOR REQUIRED FINISHED GRADE ELEVATIONS AT TOP AND BOTTOM OF WALL.
 - 20 NEW PAVEMENT TO REPLACE AND EXPAND EXISTING GRAVEL ROAD IN ACCORDANCE WITH NC DOT AND TOWN PAVING STANDARD. TYPICAL PAVING SECTION TO BE THE EQUIVALENT OF 8" ABC STONE AND 2" OF SAND UNLESS OTHERWISE SPECIFIED BY CARRBORO PUBLIC WORKS DIRECTOR.
 - 21 5 BIKE RACKS FOR 10 BIKE SPACES.
 - 22 TIE NEW SIDEWALK EXPANSION TO EXISTING SIDEWALK FOR 10' WIDTH.
 - 23 ELECTRIC CAR CHARGER. SEE ELECTRICAL PLANS FOR CONDUIT AND CABLING REQUIREMENTS.
 - 24 UTILITY ROOM.
 - 25 STOP NEW SIDEWALK 3' FROM ADJOINING PROPERTY LINE TO AVOID ENCRoACHMENT ON ADJOINING PROPERTY. PROVIDE A CONSTRUCTION EASEMENT TO ALLOW FUTURE ENCRoACHMENT FOR CONTINUATION OF SIDEWALK BY OTHERS.
 - 26 HANDICAP RAMP TYPE D.

**ORANGE COUNTY
SOLID WASTE:**

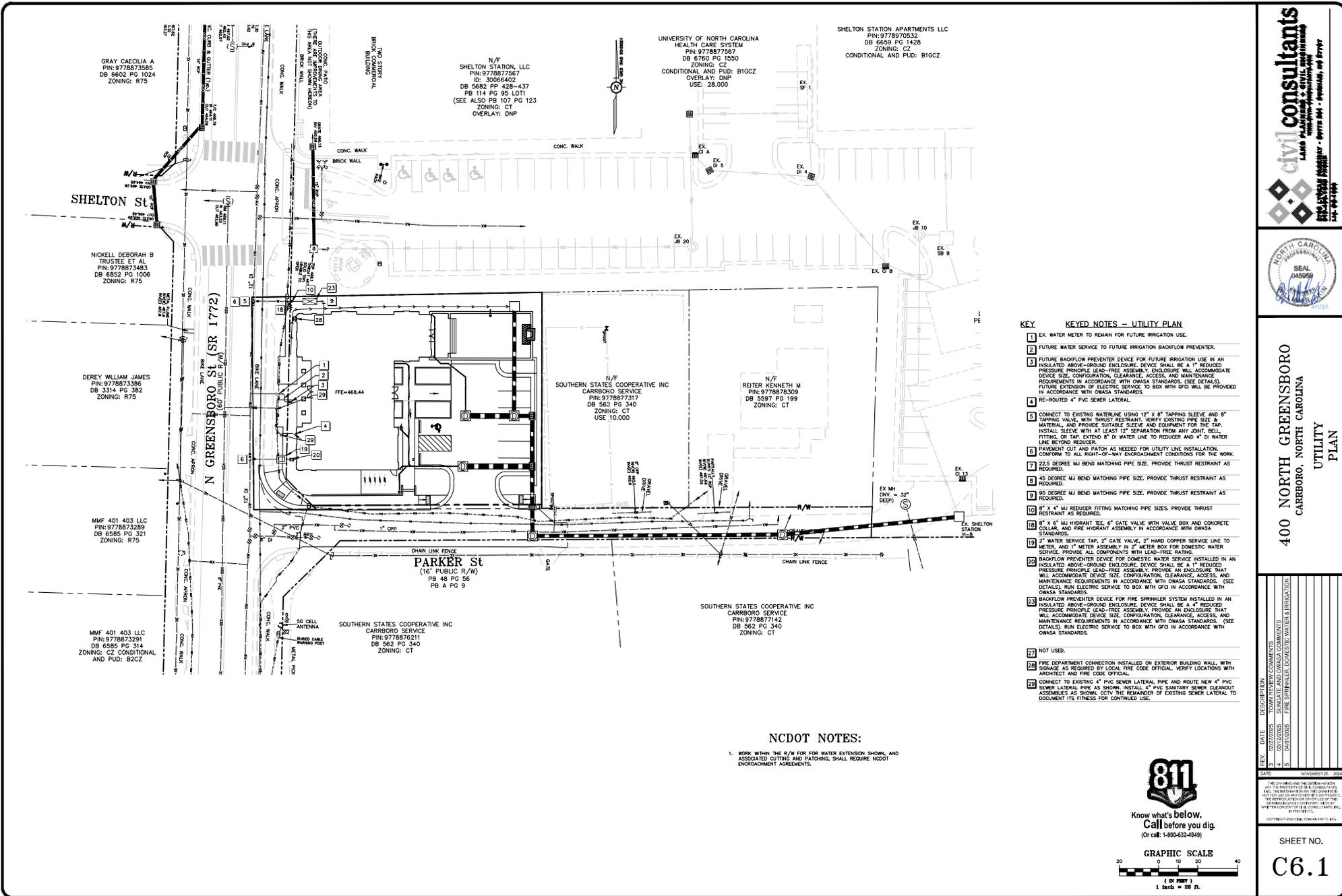
1. ALL EXISTING STRUCTURES 500 SQUARE FEET AND LARGER SHALL BE ASSSESSED PRIOR TO THE ISSUANCE OF A DEMOLITION PERMIT TO ENSURE COMPLIANCE WITH THE COUNTY'S REGULATED RECYCLABLE MATERIALS ORDINANCE (RPMO) AND TO ASSESS THE POTENTIAL FOR DECONSTRUCTION AND FOR THE REUSE OF SALVAGEABLE MATERIALS. CONTACT THE ORANGE COUNTY SW ENFORCEMENT OFFICER AT 313-358-2788 TO ARRANGE FOR THE ASSESSMENT.
2. PURSUANT TO THE COUNTY'S RPMO, CLEAN WOOD WASTE, SCRAP METAL, AND CORRUPTED CARBONED PRESENT IN CONSTRUCTION OR DEMOLITION WASTE MUST BE RECYCLED.
3. PURSUANT TO THE COUNTY'S RPMO, ALL HAULERS OF MIXED CONSTRUCTION AND DEMOLITION WASTE WHICH INCLUDES ANY REGULATED RECYCLABLE MATERIALS SHALL BE LICENSED BY ORANGE COUNTY.
4. PRIOR TO ANY DEMOLITION OR CONSTRUCTION ACTIVITY ON THE SITE, THE APPLICANT SHALL HOLD A PRE-CONSTRUCTION/PRE-CONSTRUCTION CONFERENCE WITH SOLID WASTE STAFF. THIS MAY BE THE SAME PRE-CONSTRUCTION MEETING HELD WITH OTHER DEVELOPMENT/EMPLOYMENT OFFICIALS.
5. THE PRESENCE IF ANY ASBESTOS CONTAINING MATERIALS (ACM) AND/OR OTHER HAZARDOUS MATERIALS SHALL BE HANDLED IN ACCORDANCE WITH ANY AND ALL LOCAL, STATE, AND FEDERAL REGULATIONS AND GUIDELINES.

NC DOT NOTES:

1. WORK WITHIN THE R/W FOR SIDEWALK IMPROVEMENTS, NEW CURB AND GUTTER AND PAVING SHOWN SHALL REQUIRE NC DOT ENCRoACHMENT AGREEMENTS.

811
 Know what's below.
 Call before you dig.
 (Or call 1-800-532-4949)

GRAPHIC SCALE



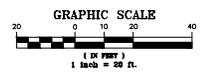
- KEY KEYED NOTES – UTILITY PLAN**
- 1 EX. WATER METER TO REMAIN FOR FUTURE IRRIGATION USE.
 - 2 FUTURE WATER SERVICE TO FUTURE IRRIGATION BACKFLOW PREVENTER.
 - 3 FUTURE BACKFLOW PREVENTER DEVICE FOR FUTURE IRRIGATION USE IN AN INSULATED ABOVE-GROUND ENCLOSURE. DEVICE SHALL BE A 4" REDUCED PRESSURE PRINCIPLE LEAD-FREE ASSEMBLY. ENCLOSURE WILL ACCOMMODATE DEVICE SIZE, CONFIGURATION, CLEARANCE, ACCESS, AND MAINTENANCE REQUIREMENTS IN ACCORDANCE WITH OWSA STANDARDS. (SEE DETAILS). FUTURE EXTENSION OF ELECTRIC SERVICE TO BOX WITH GFD WILL BE PROVIDED IN ACCORDANCE WITH OWSA STANDARDS.
 - 4 RE-ROUTED 4" PVC SEWER LATERAL.
 - 5 CONNECT TO EXISTING WATERLINE USING 12" X 8" TAPPING SLEEVE AND 8" TAPPING VALVE, WITH THRUST RESTRAINT. VERIFY EXISTING PIPE SIZE & MATERIAL AND PROVIDE SUITABLE SLEEVE AND EQUIPMENT FOR THE TAP. INSTALL SLEEVE WITH AT LEAST 12" SEPARATION FROM ANY JOINT, BELL, FITTING, OR TAP. EXTEND 8" TO WATER LINE TO REDUCER AND 4" TO WATER LINE BEYOND REDUCER.
 - 6 PAVEMENT CUT AND PATCH AS NEEDED FOR UTILITY LINE INSTALLATION. CONFORM TO ALL RIGHT-OF-WAY ENCROACHMENT CONDITIONS FOR THE WORK.
 - 7 22.5 DEGREE MJ BEND MATCHING PIPE SIZE. PROVIDE THRUST RESTRAINT AS REQUIRED.
 - 8 45 DEGREE MJ BEND MATCHING PIPE SIZE. PROVIDE THRUST RESTRAINT AS REQUIRED.
 - 9 90 DEGREE MJ BEND MATCHING PIPE SIZE. PROVIDE THRUST RESTRAINT AS REQUIRED.
 - 10 8" X 4" MJ REDUCER FITTING MATCHING PIPE SIZES. PROVIDE THRUST RESTRAINT AS REQUIRED.
 - 11 8" X 6" MJ HYDRANT TEE, 6" GATE VALVE WITH VALVE BOX AND CONCRETE COLLAR, AND FIRE HYDRANT ASSEMBLY IN ACCORDANCE WITH OWSA STANDARDS.
 - 12 2" WATER SERVICE TAP, 2" GATE VALVE, 2" HARD COPPER SERVICE LINE TO METER, AND 1" METER ASSEMBLY IN 2" METER BOX FOR DOMESTIC WATER SERVICE. PROVIDE ALL COMPONENTS WITH LEAD-FREE RATING.
 - 13 BACKFLOW PREVENTER DEVICE FOR DOMESTIC WATER SERVICE INSTALLED IN AN INSULATED ABOVE-GROUND ENCLOSURE. DEVICE SHALL BE A 4" REDUCED PRESSURE PRINCIPLE LEAD-FREE ASSEMBLY. PROVIDE AN ENCLOSURE THAT WILL ACCOMMODATE DEVICE SIZE, CONFIGURATION, CLEARANCE, ACCESS, AND MAINTENANCE REQUIREMENTS IN ACCORDANCE WITH OWSA STANDARDS. (SEE DETAILS). RUN ELECTRIC SERVICE TO BOX WITH GFD IN ACCORDANCE WITH OWSA STANDARDS.
 - 14 BACKFLOW PREVENTER DEVICE FOR FIRE SPRINKLER SYSTEM INSTALLED IN AN INSULATED ABOVE-GROUND ENCLOSURE. DEVICE SHALL BE A 4" REDUCED PRESSURE PRINCIPLE LEAD-FREE ASSEMBLY. PROVIDE AN ENCLOSURE THAT WILL ACCOMMODATE DEVICE SIZE, CONFIGURATION, CLEARANCE, ACCESS, AND MAINTENANCE REQUIREMENTS IN ACCORDANCE WITH OWSA STANDARDS. (SEE DETAILS). RUN ELECTRIC SERVICE TO BOX WITH GFD IN ACCORDANCE WITH OWSA STANDARDS.
 - 15 NOT USED.
 - 16 FIRE DEPARTMENT CONNECTION INSTALLED ON EXTERIOR BUILDING WALL, WITH SIGNAGE AS REQUIRED BY LOCAL FIRE CODE OFFICIAL. VERIFY LOCATIONS WITH ARCHITECT AND FIRE CODE OFFICIAL.
 - 17 CONNECT TO EXISTING 4" PVC SEWER LATERAL PIPE AND ROUTE NEW 4" PVC SEWER LATERAL PIPE AS SHOWN. INSTALL 4" PVC SANITARY SEWER CLEANOUT ASSEMBLY AS SHOWN, CIVIL THE REMAINDER OF EXISTING SEWER LATERAL, TO DOCUMENT ITS FITNESS FOR CONTINUED USE.

NCDOT NOTES:

1. WORK WITHIN THE R/W FOR WATER EXTENSION SHOWN, AND ASSOCIATED CUTTING AND PATCHING, SHALL REQUIRE NEOT ENCROACHMENT AGREEMENTS.



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(Or call 1-800-432-4349)

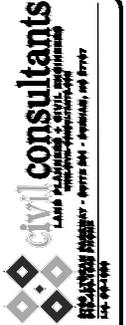
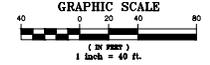
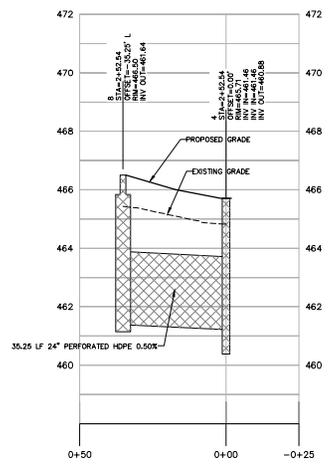
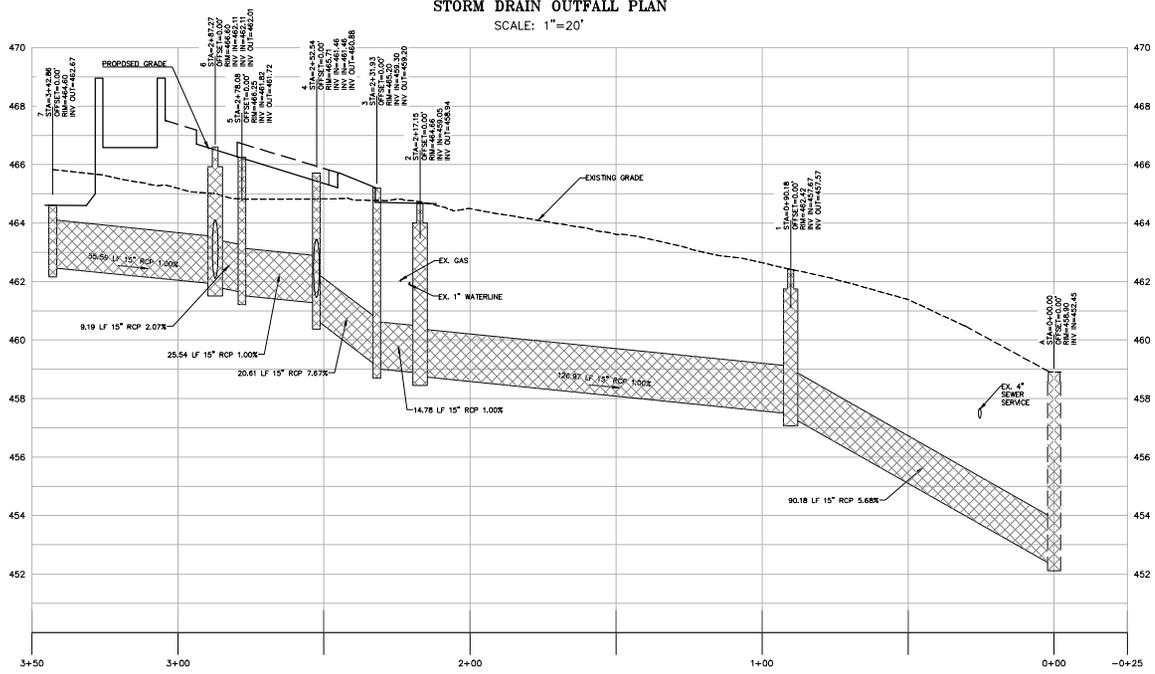
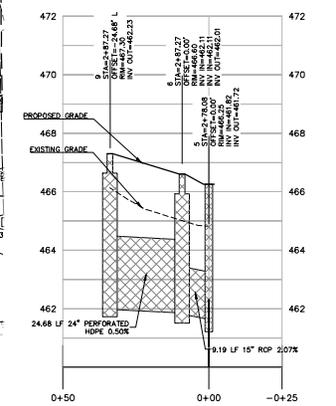
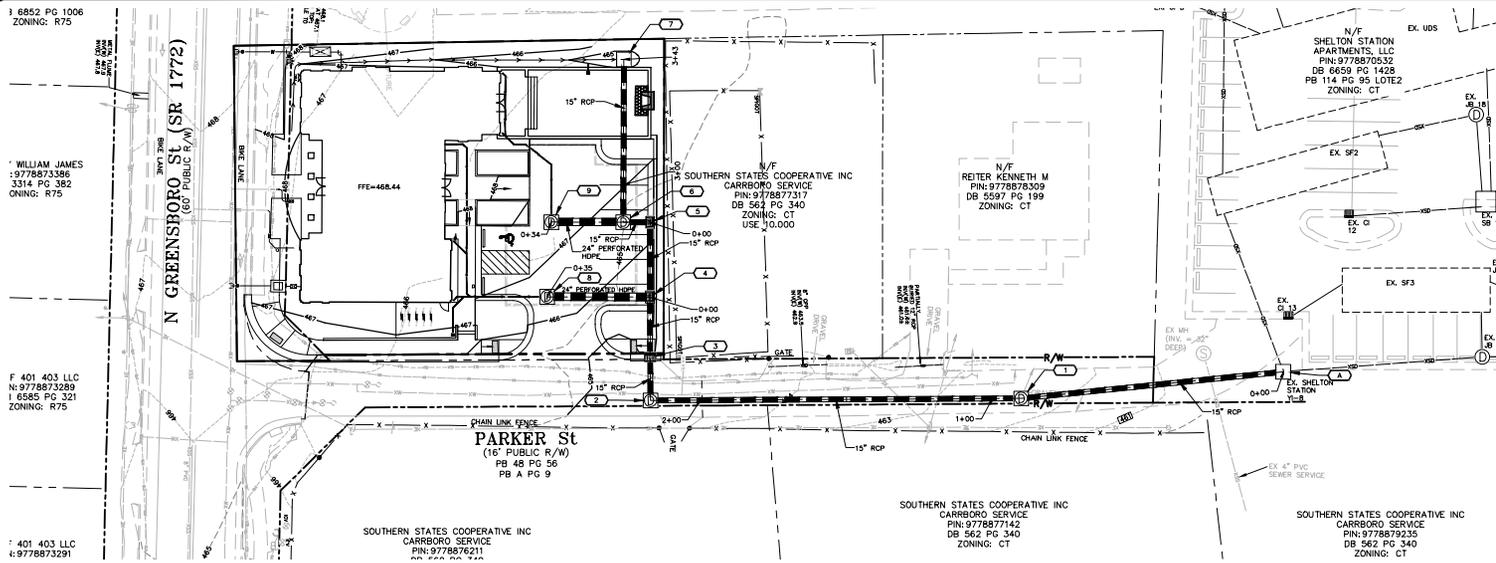


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LAND PLANNING & CIVIL ENGINEERING
REGULATORY ENGINEER - APPROVED BY STATE - EXPIRES 08/31/2024
141-04-1144



400 NORTH GREENSBORO
CARBORO, NORTH CAROLINA
UTILITY PLAN

REV.	DATE	DESCRIPTION
1	02/20/2025	ISSUE FOR PERMITS
2	03/12/2025	CONTRACT COMMENTS
3	04/15/2025	CONTRACT COMMENTS
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220	01/13/2032	CONTRACT COMMENTS
221	01/10/2032	CONTRACT COMMENTS
222	01/07/2032	CONTRACT COMMENTS
223	01/04/2032	CONTRACT COMMENTS
224	01/01/2032	CONTRACT COMMENTS
225	12/28/2031	CONTRACT COMMENTS
226	12/25/2031	CONTRACT COMMENTS
227	12/22/2031	CONTRACT COMMENTS
228	12/19/2031	CONTRACT COMMENTS
229	12/16/2031	CONTRACT COMMENTS
230	12/13/2031	CONTRACT COMMENTS
231	12/10/2031	CONTRACT COMMENTS
232	12/07/2031	CONTRACT COMMENTS
233	12/04/2031	CONTRACT COMMENTS
234	12/01/2031	CONTRACT COMMENTS
235	11/28/2031	CONTRACT COMMENTS
236	11/25/2031	CONTRACT COMMENTS
237	11/22/2031	CONTRACT COMMENTS
238	11/19/2031	CONTRACT COMMENTS
239	11/16/2031	CONTRACT COMMENTS
240	11/13/2031	CONTRACT COMMENTS
241	11/10/2031	CONTRACT COMMENTS
242	11/07/2031	CONTRACT COMMENTS
243	11/04/2031	CONTRACT COMMENTS
244	11/01/2031	CONTRACT COMMENTS
245	10/28/2031	CONTRACT COMMENTS
246	10/25/2031	CONTRACT COMMENTS
247	10/22/2031	CONTRACT COMMENTS
248	10/19/2031	CONTRACT COMMENTS
249	10/16/2031	CONTRACT COMMENTS
250	10/13/2031	CONTRACT COMMENTS
251	10/10/2031	CONTRACT COMMENTS
252	10/07/2031	CONTRACT COMMENTS
253	10/04/2031	CONTRACT COMMENTS
254	10/01/2031	CONTRACT COMMENTS
255	09/28/2031	CONTRACT COMMENTS
256	09/25/2031	CONTRACT COMMENTS
257	09/22/2031	CONTRACT COMMENTS
258	09/19/2031	CONTRACT COMMENTS
259	09/16/2031	CONTRACT COMMENTS
260	09/13/2031	CONTRACT COMMENTS



400 NORTH GREENSBORO
CARRBORO, NORTH CAROLINA
STORM DRAINAGE
PLAN AND PROFILE

REV.	DATE	DESCRIPTION
1	02/20/2025	ASPHALT PAVEMENT SUBMITTALS
2	02/27/2025	TOWN REVIEW COMMENTS
3	03/20/2025	SUBMITTALS AND OWNER COMMENTS
4	04/02/2025	REVISIONS - THE SUBMITTALS EXPEDITED WATER UTILIZATION

DATE: NOVEMBER 20, 2024

811 Know what's below. Call before you dig. (Or call 1-800-532-4949)

SHEET NO.
C9.1

GENERAL NOTES:
 1. DIMENSIONS ALL EXCEPT DIMENSIONS IN "1".
 2. USE CLASS "90" CONCRETE THROUGHOUT.
 3. OPTIONAL CONSTRUCTION: REINFORCING STEEL TO BE SET WITH STEPS OF 12" ON CENTER IN ACCORDANCE WITH STD. NO. 840-16.
 4. IF REINFORCING CONCRETE PIPE IS SET IN BASE SLAB OF SOIL, AND TO SLAB TO BE CONSTRUCTED IN ACCORDANCE WITH STD. NO. 840-16.
 5. PROVIDE ALL CONNECTIONS MADE OVER "4" IN DEPTH WITH STEPS OF 12" ON CENTER IN ACCORDANCE WITH STD. NO. 840-16.
 6. ADJUST THE STEEL, CONCRETE AND BRICK MASONRY QUANTITIES TO REFLECT THE ADDITION OF THE REINFORCING STEEL THROUGHOUT THE ENTIRE STRUCTURE FROM THE TOP OF THE BOTTOM SLAB TO THE TOP OF THE CONCRETE MASONRY, SPACING IN TOP SLAB.
 7. MAX. DEPTH OF THIS STRUCTURE FROM TOP OF BOTTOM SLAB TO TOP OF CONCRETE MASONRY SHALL BE 12" IN EXCESS OF THE 4" DEPTH OF THE CONCRETE MASONRY OVER "4" IN DEPTH WITH STEPS OF 12" ON CENTER IN ACCORDANCE WITH STD. NO. 840-16.
 8. PROVIDE ALL CONNECTIONS MADE OVER "4" IN DEPTH WITH STEPS OF 12" ON CENTER IN ACCORDANCE WITH STD. NO. 840-16.
 9. PROVIDE ALL CONNECTIONS MADE OVER "4" IN DEPTH WITH STEPS OF 12" ON CENTER IN ACCORDANCE WITH STD. NO. 840-16.
 10. PROVIDE ALL CONNECTIONS MADE OVER "4" IN DEPTH WITH STEPS OF 12" ON CENTER IN ACCORDANCE WITH STD. NO. 840-16.

DIMENSIONS AND QUANTITIES FOR CONCRETE JUNCTION BOX		REINFORCEMENT		CLASS RANGE		TOTAL QUANTITIES		REDUCTIONS FOR	
PIPE DIA.	BOX DIA.	MIN. HEIGHT	NO.	LENGTH	W. IN.	NO.	W. IN.	W. IN.	NO.
12"	18"	12"	2	12"	0.147	0.147	0.147	0.147	0.147
12"	18"	18"	2	18"	0.210	0.210	0.210	0.210	0.210
12"	18"	24"	2	24"	0.274	0.274	0.274	0.274	0.274
12"	18"	30"	2	30"	0.338	0.338	0.338	0.338	0.338
12"	18"	36"	2	36"	0.402	0.402	0.402	0.402	0.402
12"	18"	42"	2	42"	0.466	0.466	0.466	0.466	0.466
12"	18"	48"	2	48"	0.530	0.530	0.530	0.530	0.530
12"	18"	54"	2	54"	0.594	0.594	0.594	0.594	0.594
12"	18"	60"	2	60"	0.658	0.658	0.658	0.658	0.658
12"	18"	66"	2	66"	0.722	0.722	0.722	0.722	0.722
12"	18"	72"	2	72"	0.786	0.786	0.786	0.786	0.786
12"	18"	78"	2	78"	0.850	0.850	0.850	0.850	0.850
12"	18"	84"	2	84"	0.914	0.914	0.914	0.914	0.914
12"	18"	90"	2	90"	0.978	0.978	0.978	0.978	0.978
12"	18"	96"	2	96"	1.042	1.042	1.042	1.042	1.042
12"	18"	102"	2	102"	1.106	1.106	1.106	1.106	1.106
12"	18"	108"	2	108"	1.170	1.170	1.170	1.170	1.170
12"	18"	114"	2	114"	1.234	1.234	1.234	1.234	1.234
12"	18"	120"	2	120"	1.298	1.298	1.298	1.298	1.298
12"	18"	126"	2	126"	1.362	1.362	1.362	1.362	1.362
12"	18"	132"	2	132"	1.426	1.426	1.426	1.426	1.426
12"	18"	138"	2	138"	1.490	1.490	1.490	1.490	1.490
12"	18"	144"	2	144"	1.554	1.554	1.554	1.554	1.554
12"	18"	150"	2	150"	1.618	1.618	1.618	1.618	1.618
12"	18"	156"	2	156"	1.682	1.682	1.682	1.682	1.682
12"	18"	162"	2	162"	1.746	1.746	1.746	1.746	1.746
12"	18"	168"	2	168"	1.810	1.810	1.810	1.810	1.810
12"	18"	174"	2	174"	1.874	1.874	1.874	1.874	1.874
12"	18"	180"	2	180"	1.938	1.938	1.938	1.938	1.938
12"	18"	186"	2	186"	2.002	2.002	2.002	2.002	2.002
12"	18"	192"	2	192"	2.066	2.066	2.066	2.066	2.066
12"	18"	198"	2	198"	2.130	2.130	2.130	2.130	2.130
12"	18"	204"	2	204"	2.194	2.194	2.194	2.194	2.194
12"	18"	210"	2	210"	2.258	2.258	2.258	2.258	2.258
12"	18"	216"	2	216"	2.322	2.322	2.322	2.322	2.322
12"	18"	222"	2	222"	2.386	2.386	2.386	2.386	2.386
12"	18"	228"	2	228"	2.450	2.450	2.450	2.450	2.450
12"	18"	234"	2	234"	2.514	2.514	2.514	2.514	2.514
12"	18"	240"	2	240"	2.578	2.578	2.578	2.578	2.578
12"	18"	246"	2	246"	2.642	2.642	2.642	2.642	2.642
12"	18"	252"	2	252"	2.706	2.706	2.706	2.706	2.706
12"	18"	258"	2	258"	2.770	2.770	2.770	2.770	2.770
12"	18"	264"	2	264"	2.834	2.834	2.834	2.834	2.834
12"	18"	270"	2	270"	2.898	2.898	2.898	2.898	2.898
12"	18"	276"	2	276"	2.962	2.962	2.962	2.962	2.962
12"	18"	282"	2	282"	3.026	3.026	3.026	3.026	3.026
12"	18"	288"	2	288"	3.090	3.090	3.090	3.090	3.090
12"	18"	294"	2	294"	3.154	3.154	3.154	3.154	3.154
12"	18"	300"	2	300"	3.218	3.218	3.218	3.218	3.218
12"	18"	306"	2	306"	3.282	3.282	3.282	3.282	3.282
12"	18"	312"	2	312"	3.346	3.346	3.346	3.346	3.346
12"	18"	318"	2	318"	3.410	3.410	3.410	3.410	3.410
12"	18"	324"	2	324"	3.474	3.474	3.474	3.474	3.474
12"	18"	330"	2	330"	3.538	3.538	3.538	3.538	3.538
12"	18"	336"	2	336"	3.602	3.602	3.602	3.602	3.602
12"	18"	342"	2	342"	3.666	3.666	3.666	3.666	3.666
12"	18"	348"	2	348"	3.730	3.730	3.730	3.730	3.730
12"	18"	354"	2	354"	3.794	3.794	3.794	3.794	3.794
12"	18"	360"	2	360"	3.858	3.858	3.858	3.858	3.858
12"	18"	366"	2	366"	3.922	3.922	3.922	3.922	3.922
12"	18"	372"	2	372"	3.986	3.986	3.986	3.986	3.986
12"	18"	378"	2	378"	4.050	4.050	4.050	4.050	4.050
12"	18"	384"	2	384"	4.114	4.114	4.114	4.114	4.114
12"	18"	390"	2	390"	4.178	4.178	4.178	4.178	4.178
12"	18"	396"	2	396"	4.242	4.242	4.242	4.242	4.242
12"	18"	402"	2	402"	4.306	4.306	4.306	4.306	4.306
12"	18"	408"	2	408"	4.370	4.370	4.370	4.370	4.370
12"	18"	414"	2	414"	4.434	4.434	4.434	4.434	4.434
12"	18"	420"	2	420"	4.498	4.498	4.498	4.498	4.498
12"	18"	426"	2	426"	4.562	4.562	4.562	4.562	4.562
12"	18"	432"	2	432"	4.626	4.626	4.626	4.626	4.626
12"	18"	438"	2	438"	4.690	4.690	4.690	4.690	4.690
12"	18"	444"	2	444"	4.754	4.754	4.754	4.754	4.754
12"	18"	450"	2	450"	4.818	4.818	4.818	4.818	4.818
12"	18"	456"	2	456"	4.882	4.882	4.882	4.882	4.882
12"	18"	462"	2	462"	4.946	4.946	4.946	4.946	4.946
12"	18"	468"	2	468"	5.010	5.010	5.010	5.010	5.010
12"	18"	474"	2	474"	5.074	5.074	5.074	5.074	5.074
12"	18"	480"	2	480"	5.138	5.138	5.138	5.138	5.138
12"	18"	486"	2	486"	5.202	5.202	5.202	5.202	5.202
12"	18"	492"	2	492"	5.266	5.266	5.266	5.266	5.266
12"	18"	498"	2	498"	5.330	5.330	5.330	5.330	5.330
12"	18"	504"	2	504"	5.394	5.394	5.394	5.394	5.394
12"	18"	510"	2	510"	5.458	5.458	5.458	5.458	5.458
12"	18"	516"	2	516"	5.522	5.522	5.522	5.522	5.522
12"	18"	522"	2	522"	5.586	5.586	5.586	5.586	5.586
12"	18"	528"	2	528"	5.650	5.650	5.650	5.650	5.650
12"	18"	534"	2	534"	5.714	5.714	5.714	5.714	5.714
12"	18"	540"	2	540"	5.778	5.778	5.778	5.778	5.778
12"	18"	546"	2	546"	5.842	5.842	5.842	5.842	5.842
12"	18"	552"	2	552"	5.906	5.906	5.906	5.906	5.906
12"	18"	558"	2	558"	5.970	5.970	5.970	5.970	5.970
12"	18"	564"	2	564"	6.034	6.034	6.034	6.034	6.034
12"	18"	570"	2	570"	6.098	6.098	6.098	6.098	6.098
12"	18"	576"	2	576"	6.162	6.162	6.162	6.162	6.162
12"	18"	582"	2	582"	6.226	6.226	6.226	6.226	6.226
12"	18"	588"	2	588"	6.290	6.290	6.290	6.290	6.290
12"	18"	594"	2	594"	6.354	6.354	6.354	6.354	6.354
12"	18"	600"	2	600"	6.418	6.418	6.418	6.418	6.418
12"	18"	606"	2	606"	6.482	6.482	6.482	6.482	6.482
12"	18"	612"	2	612"	6.546	6.546	6.546	6.546	6.546
12"	18"	618"	2	618"	6.610	6.610	6.610	6.610	6.610
12"	18"	624"	2	624"	6.674	6.674	6.674	6.674	6.674
12"	18"	630"	2	630"	6.738	6.738	6.738	6.738	6.738
12"	18"	636"	2	636"	6.802	6.802	6.802	6.802	6.802
12"	18"	642"	2	642"	6.866	6.866	6.866	6.866	6.866
12"	18"	648"	2	648"	6.930	6.930	6.930	6.930	6.930
12"	18"	654"	2	654"	6.994	6.994	6.994	6.994	6.994
12"	18"	660"	2	660"	7.058	7.058	7.058	7.058	7.058
12"	18"	666"	2	666"	7.122	7.122	7.122	7.122	7.122
12"	18"	672"	2	672"	7.186	7.186	7.186	7.186	7.186
12"	18"	678"	2	678"	7.250	7.250	7.250	7.250	7.250
12"	18"	684"	2	684"	7.314	7.314	7.314	7.314	7.314
12"	18"	690"	2	690"	7.378	7.378	7.378	7.378	7.378
12"	18"	696"	2	696"	7.442	7.442	7.442	7.442	7.442
12"	18"	702"	2	702"	7.506	7.506	7.506	7.506	7.506
12"	18"	708"	2	708"	7.570	7.570	7.570	7.570	7.570
12"	18"	714"	2	714"	7.634	7.634	7.634	7.634	7.634
12"	18"	720"	2	720"	7.698	7.698	7.698	7.698	7.698
12"	18"	726"	2	726"	7.762	7.762	7.762	7.762	7.762
12"	18"	732"	2	732"	7.826	7.826	7.826	7.826	7.826
12"	18"	738"	2	738"	7.890	7.890	7.890	7.890	7.890
12"	18"	744"	2	744"	7.954	7.954	7.954	7.954	7.954
12"	18"	750"	2	750"	8.018	8.018	8.018	8.018	8.018
12"	18"	756"	2	756"	8.082	8.082	8.082	8.082	8.082
12"	18"	762"	2	762"	8.146	8.146	8.146	8.146	8.146
12"	18"	768"	2	768"	8.210	8.210	8.210	8.210	8.210
12"	18"	774"	2	774"	8.274	8.274	8.274</		

NDS, INC.
851 N. HARVARD AVE.
LINDSAY, CA 95247
TOLL FREE: 1-800-726-1944 EXT 3
www.ndsco.com
techservice@ndsco.com

3" GRAVEL BASE OF DEEP BELOW
DAIN TO PREVENT STANDING WATER

SECTION

CLASS A	CLASS B	CLASS C	CLASS D
PRESTRESS	LIGHT DUTY	MEDIUM DUTY	HEAVY DUTY
8 INCHES	10 INCHES	12 INCHES	14 INCHES
3' x 4'	3' x 4'	3' x 4'	3' x 4'

MANUFACTURER NOTES:
1. GRATE TO BE ATTACHED TO CATCH BASIN WITH SCREEN PROCEEDING AT TIME OF INSTALLATION.
2. RISER CAN BE CUT TO EXPOSE EXACT ELEVATIONS.
3. EXISTING SOLID BRICKS SHALL BE EVALUATED TO ENSURE PROPER STRUCTURAL AND PERMEABILITY PROPERTIES.
4. RECESS COVERING AND GRATE W/ F/ FOR PROHIBITED TRAFFIC, W/ FOR VEHICULAR TRAFFIC.
5. FOR PRODUCT ASSISTANCE, CONTACT NDS TECHNICAL SERVICE AT TECHSERVICE@NDS.CO

NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. DO NOT SCALE DRAWING.
3. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.
4. ALL INFORMATION CONTAINED HEREIN IS CURRENT AT THE TIME OF ITS PUBLICATION. IT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.
5. CONTRACTOR NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT: www.ndsco.com/ndscatchbasin AND ENTER REFERENCE NUMBER 08-016

CATCH BASINS
3" SQUARE CATCH BASIN - TYPICAL INSTALLATION FOR VEHICULAR TRAFFIC APPLICATIONS LOAD-A-D

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Details Provided by APMRA Consulting Engineers - WWW.APMRAENGINEERS.COM

ORANGE WATER AND SEWER AUTHORITY
TYPICAL RODDED FIRE HYDRANT
STREETS WITH CURB & GUTTER

NOTES:
1. Other manufacturer should (with responsible one) performance, and must be used with the manufacturer's instructions.
2. The above hydrant is shown outside of concrete curb.
3. The above hydrant is shown inside of concrete curb.
4. Minimum of (2) 3/4" diameter rods w/ finished casting.
5. Maximum of 1" cover top of hydrant.
6. The hydrant to be used & pressed and cap to be removed (Non-pressurized - tested) after installation.

Details Provided by APMRA Consulting Engineers - WWW.APMRAENGINEERS.COM

A/C or DIP

PVC or C900

3/4" and 1" A/C, DIP, PVC, or C900

NOTES:
1. All bronze saddle (Single or double strap for 3/4" and 1")
2. If 2 taps are made on each side of the main there shall be a minimum of 18" horizontal separation. Multiple taps on the same side shall have a minimum 18" horizontal separation and staggered a minimum of 1" vertically to prevent damage to the main.

ORANGE WATER AND SEWER AUTHORITY
STANDARD 3/4" and 1" WATER TAPPING DETAIL

Details Provided by APMRA Consulting Engineers - WWW.APMRAENGINEERS.COM

ORANGE WATER AND SEWER AUTHORITY
FIRE HYDRANT PAINTING SPECIFICATIONS

NOTES:
1. Use sherwin-williams industrial enamel or equal.
2. Paint colors are applicable to the following locations:
a. Town of Carrboro
b. Town of Chapel Hill
c. Durham County
d. Orange County
e. University of North Carolina
3. Privately owned hydrants shall not be the same color as OWASA hydrants.

ROCKWELL STRANDED DRAWING FOR
DRAINAGE STRUCTURE STEPS

SECTION A-A

SECTION B-B

MINIMUM WEIGHTS - LBS.
FRAME - 100
COVER - 100
TOTAL - 200

ROCKWELL STRANDED DRAWING FOR
MANHOLE FRAME AND COVER

PLAN OF FRAME

PLAN OF COVER

SECTION A-A

SECTION B-B

MINIMUM WEIGHTS - LBS.
FRAME - 100
COVER - 100
TOTAL - 200

ROCKWELL STRANDED DRAWING FOR
MANHOLE FRAME AND COVER

PLAN OF FRAME

PLAN OF COVER

SECTION A-A

SECTION B-B

MINIMUM WEIGHTS - LBS.
FRAME - 100
COVER - 100
TOTAL - 200

SEWER SERVICE CLEANOUT DETAIL

CONCRETE COLLAR (MIN. 4")
FINISHED GRADE

CAST IRON CLEANOUT (SEE SPECIFICATIONS)

COMPACTED SURFACE FOR SPECIFICATIONS

4" DUCTILE IRON

NO-HUB COUPLING

45° CAST OR DUCTILE IRON BEND

4" DUCTILE IRON

4" PVC

4" SCHEDULE 40 PVC

SOL. 40 PVC SOLVENT WELD JOINT

ORIENTATION

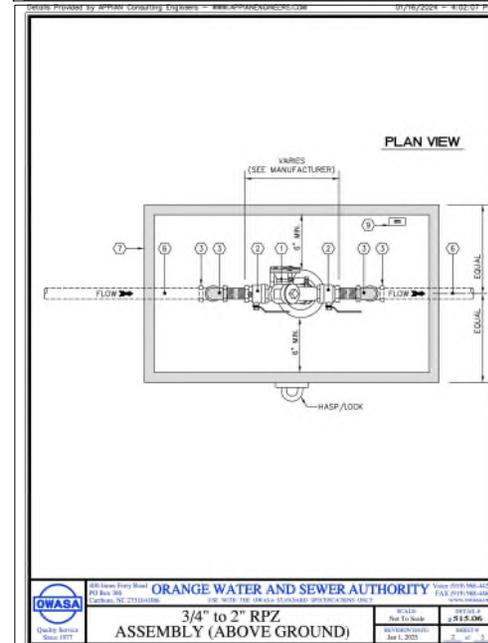
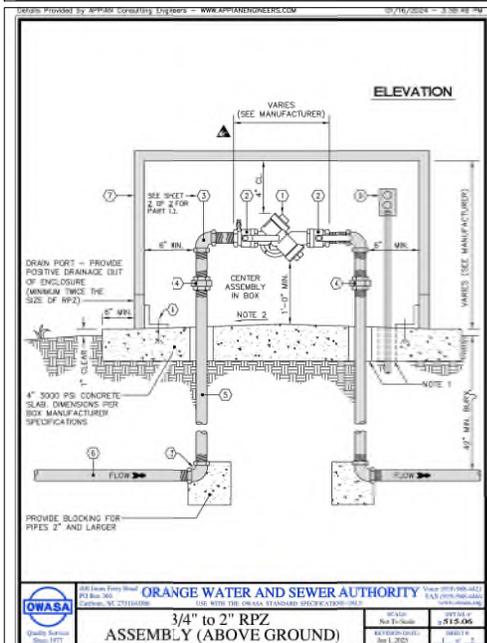
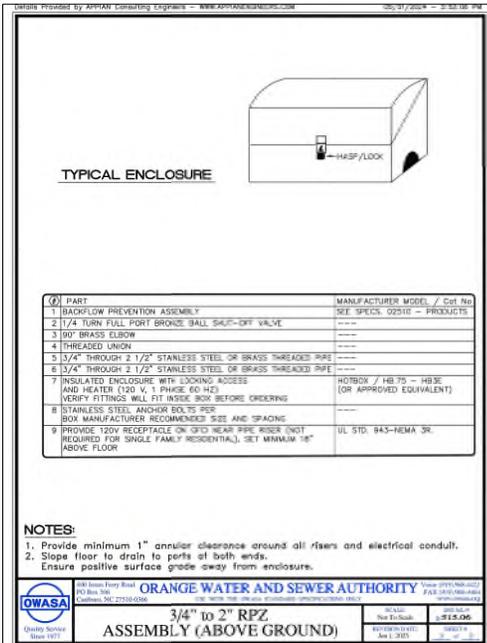
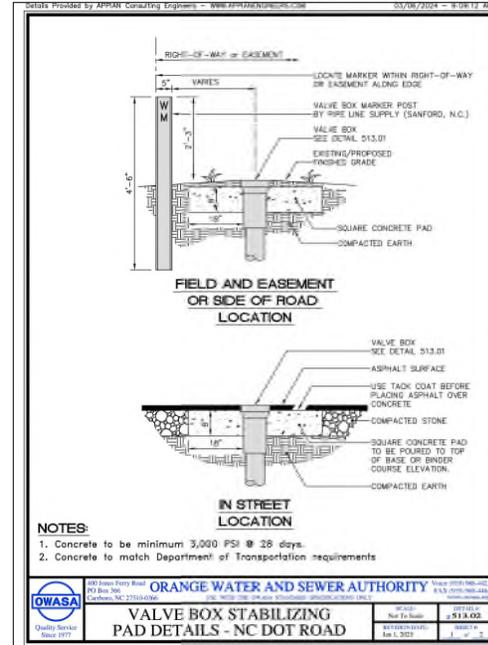
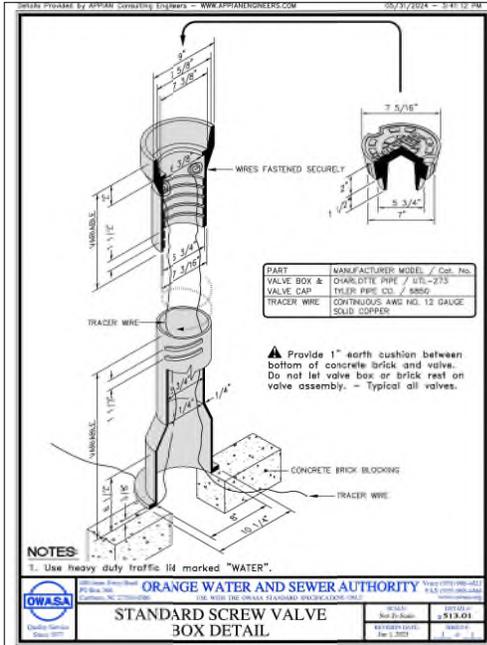
civil consultants
LAND PLANNING & SURVEILLANCE
1400-1400
1400-1400

NORTH CAROLINA
SEAL
045659
WILLIAM W. WILSON
REGISTERED PROFESSIONAL ENGINEER

400 NORTH GREENSBORO
CARRBORO, NORTH CAROLINA
DETAILS

REV.	DATE	DESCRIPTION
1	02/22/2025	ISSUE FOR PERMITS
2	03/10/2025	ISSUE FOR PERMITS
3	03/10/2025	ISSUE FOR PERMITS
4	03/10/2025	ISSUE FOR PERMITS

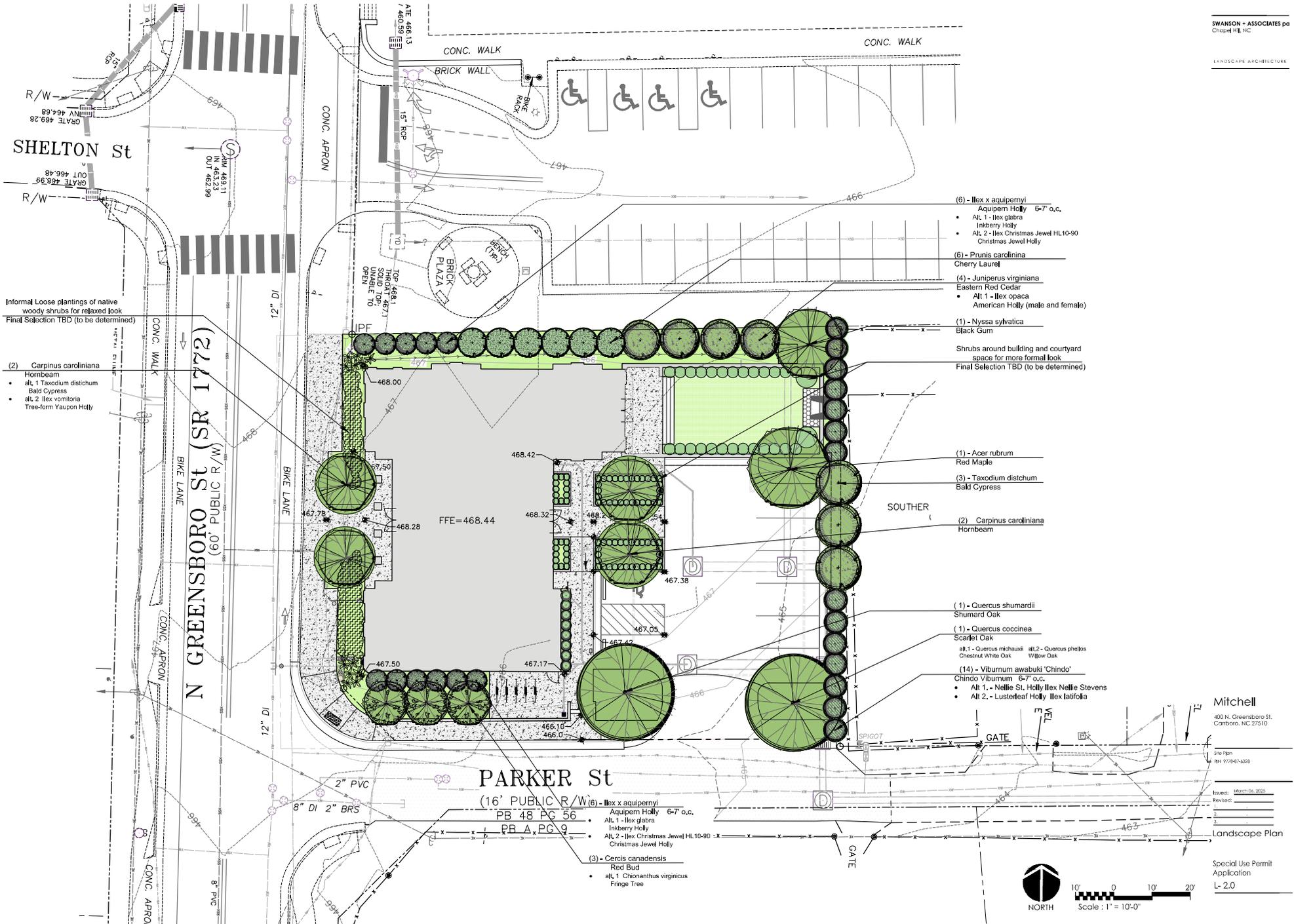
SHEET NO.
C11.4



400 NORTH GREENSBORO CARRBORO, NORTH CAROLINA
DETAILS

REV.	DATE	DESCRIPTION
1	06/27/2024	ISSUE FOR CONSTRUCTION

SHEET NO.
C11.6



- (6) - *Ilex x aquipernyi*
Aquipern Holly 6-7' o.c.
 - Alt. 1 - *Ilex glabra*
Inkberry Holly
 - Alt. 2 - *Ilex Christmas Jewel* HL10-90
Christmas Jewel Holly
 - (6) - *Prunus caroliniana*
Cherry Laurel
 - (4) - *Juniperus virginiana*
Eastern Red Cedar
 - Alt. 1 - *Ilex opaca*
American Holly (male and female)
 - (1) - *Nyssa sylvatica*
Black Gum
- Shrubs around building and courtyard space for more formal look
Final Selection TBD (to be determined)

- (1) - *Acer rubrum*
Red Maple
- (3) - *Taxodium distichum*
Bald Cypress

- (2) *Carpinus caroliniana*
Hornbeam

- (1) - *Quercus shumardii*
Shumard Oak
- (1) - *Quercus coccinea*
Scarlet Oak
- alt. 1 - *Quercus michauxii* alt. 2 - *Quercus phellos*
Chestnut White Oak Willow Oak
- (14) - *Viburnum awabuki* 'Chindo'
Chindo Viburnum 6-7' o.c.
- Alt. 1 - *Nellie St. Holly* *Ilex Nellie Stevens*
- Alt. 2 - *Lusterleaf Holly* *Ilex latifolia*

- (6) - *Ilex x aquipernyi*
Aquipern Holly 6-7' o.c.
- Alt. 1 - *Ilex glabra*
Inkberry Holly
- Alt. 2 - *Ilex Christmas Jewel* HL10-90
Christmas Jewel Holly
- (3) - *Cercis canadensis*
Red Bud
- alt. 1 *Chionanthus virginicus*
Fringe Tree

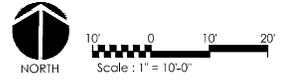
Mitchell
400 N. Greensboro St.
Carrboro, NC 27510

Site Plan
1/14 9778-01-0328

Issued:	March 06, 2023
Revised:	
1	
2	
3	

Landscape Plan

Special Use Permit
Application
L-2.0





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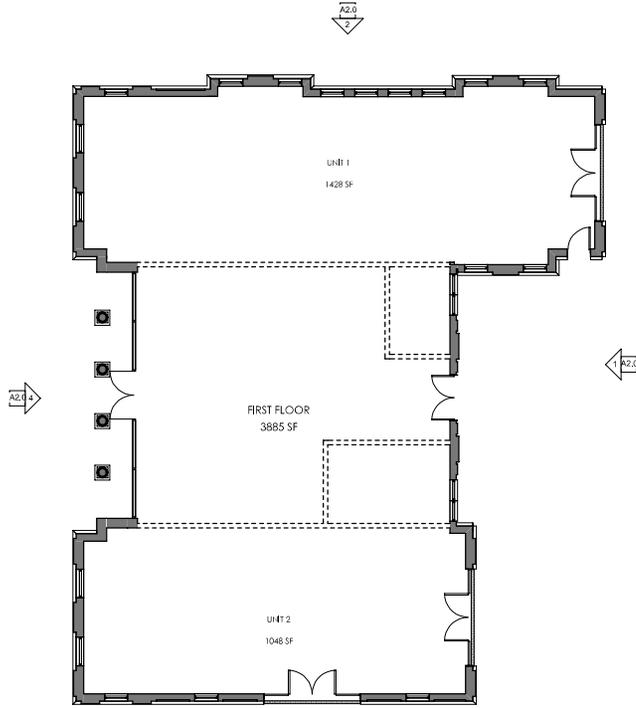
SUP-A
 APPLICATION

No.	Description	Date

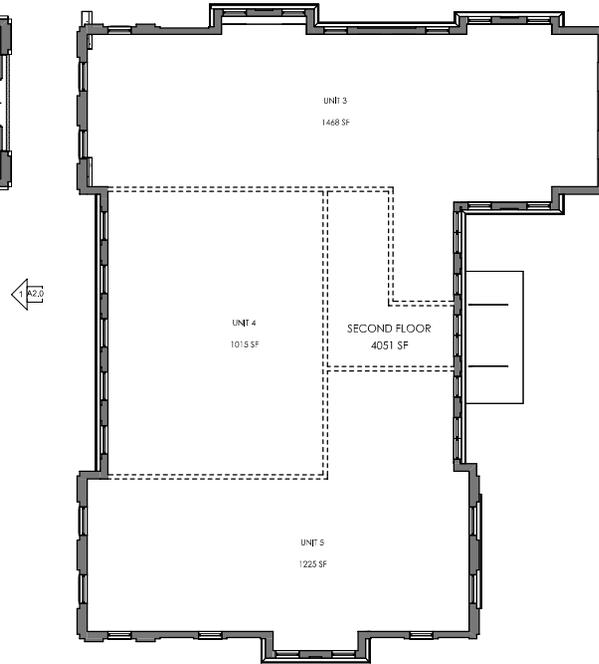
DATE: 05/14/07
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FLOOR PLATES

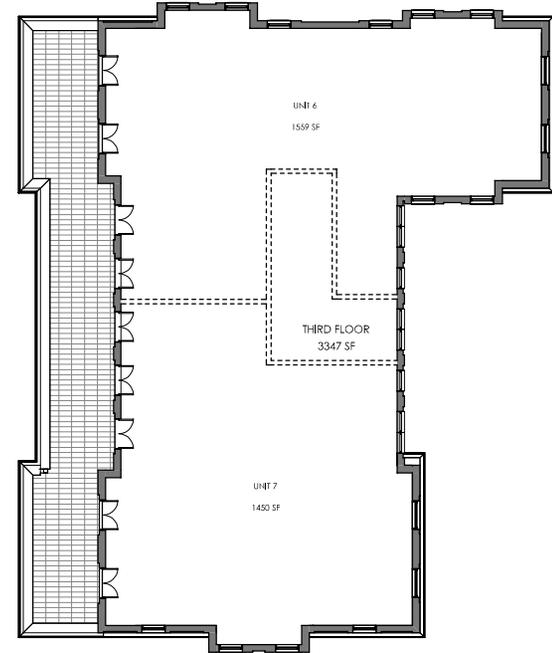
A1.0



① FIRST FLOOR
 1/8" = 1'-0"



② SECOND FLOOR
 1/8" = 1'-0"



③ THIRD FLOOR
 1/8" = 1'-0"

INTERIOR AREA & UNITS BY LEVEL

LEVEL	AREA	UNITS
FIRST FLOOR	3,885 SF	2
SECOND FLOOR	4,051 SF	3
THIRD FLOOR	3,347 SF	2
TOTAL	11,282 SF	



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SUP-A
 APPLICATION

No.	Description	Date

DATE: 05/14/21
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ELEVATIONS

A2.0



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SUP-A
 APPLICATION

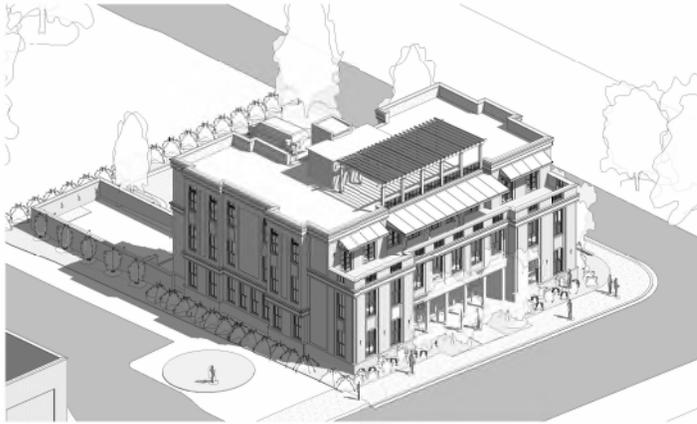
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DATE: 05/14/07
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REFERENCE
 PERSPECTIVES

A8.0

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1 AERIAL



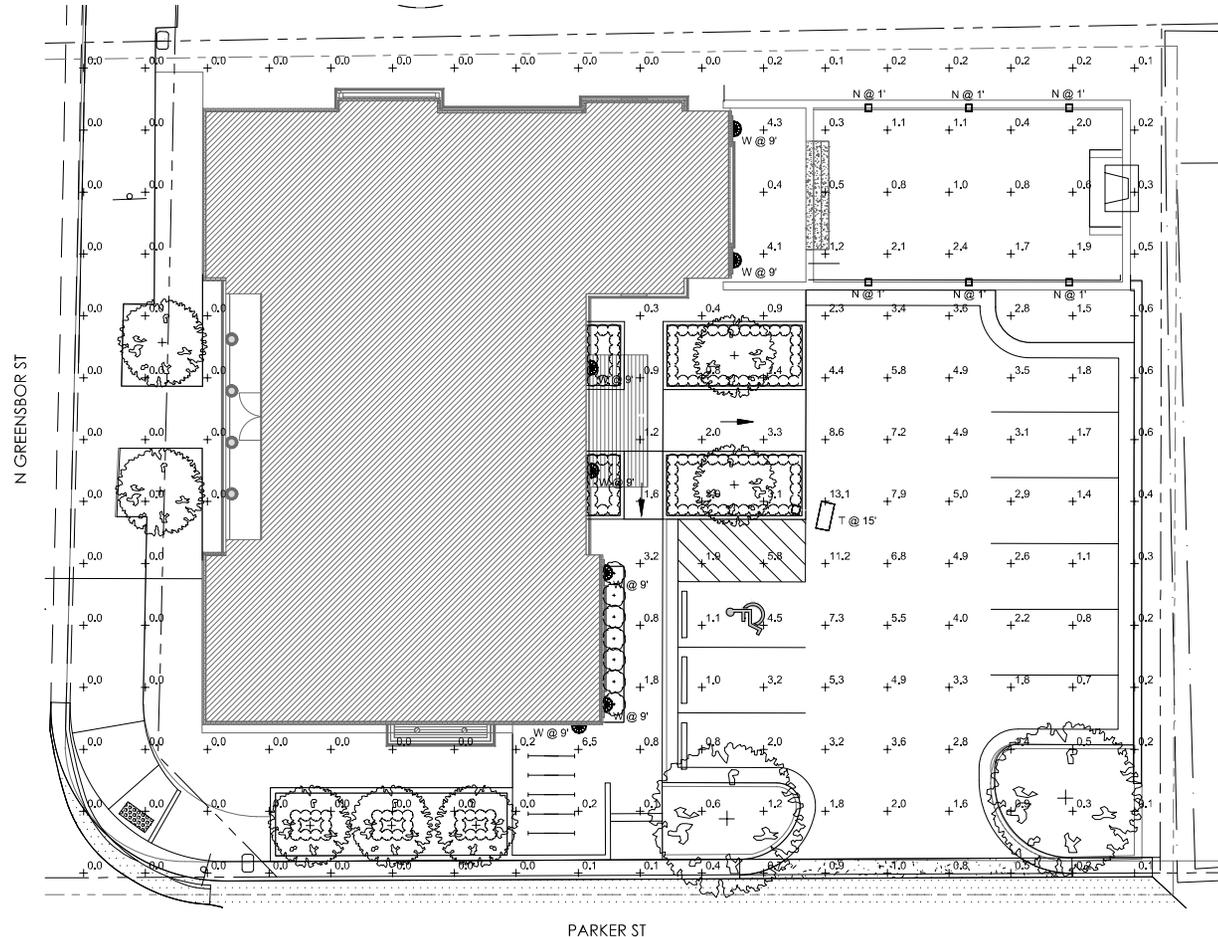
4 FRONT PERSPECTIVE



2 EAST ENTRANCE



3 FRONT FACADE



① SITE LIGHTING BASE PLAN
1/8" = 1'-0"

Symbol	Label	Image	QTY	Manufacturer	Catalog	Description	Distribution	Number Lamps	Lamp Output (Watt)	LLF	Foot. Candle
□	T		1	Lithonia Lighting	REX1 LED 14 40K R3	REX Area Fixture Size 1 1/4 Luminaire Package 4000K CCT Type R3 Distribution	TYPE B SHORT, BUG RATING B2-UG-Q3	1	16000	1	133.4
■	W		7	Lithonia Lighting	QLV3 LED 14 40K W/O T	OUTDOOR LED WALL 0 1/4 1/2 FOR DOWN LIGHT 4000K MESA 210K	TYPE G VERY SHORT, BUG RATING B1-U1-Q3	1	576	1	6.07
□	N		8	Hydrex	HL11 RD LED 30K W/O T	Surface mount spot light	TYPE B VERY SHORT	1	60	1	2.98

NOTES:
1. POLE HEIGHT & MOUNTING HEIGHTS NOTED ON PLAN.

Statistics										
Description	Symbol	Align	Max	Min	Max/Min	Angle/In				
PROPERTY LINE	+	SLR	0.2%	0.0%	NA	NA				

BASED ON INITIAL FOOTCANDLE LEVELS



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SUP-A
APPLICATION



12/5/2024

No.	Description	Date

DATE: 12/5/2024
DRAWN BY: JSP
CHECKED BY: ANK

SITE LIGHTING
BASE

SL.1