Preliminary Subdivision Application

Site Review

Planning and Development Customer Service Center • One Exchange Plaza, Suite 400 | Raleigh, NC 27601 | 919-996-2500

Raleigh

INSTRUCTIONS: This form is used when submitting a Preliminary Subdivision (UDO Section 10.2.5). Please check the appropriate review type and include the plan checklist document. Please email all documents and your preliminary subdivision plans to SiteReview@raleighnc.gov.

DEVELOPMENT OPTIONS (UDO Chapter 2)		
☐ Conventional Subdivision	☑ Compact Development	☐ Conservation Development
☐ Cottage Court	☐ Flag lot	☐ Frequent Transit Development Option
NOTE: Subdivisions may require City Council approval if in a Metro Park Overlay or Historic Overlay District		

GENERAL INFORMATION				
Scoping/sketch plan case number(s):				
Development name (subject to approval): Trawick Road Townhomes				
Property Address(es): 2312 & 2316 TRAWICK ROAD, 2315 ANDOR PLACE				
Recorded Deed PIN(s): 1725504400, 1725503610, 1725505509				
Building type(s):	☐ Detached House	☐ Attached House	☑ Townhouse	☐ Apartment
☐ General Building	☐ Mixed Use Building	☐ Civic Building	☐ Open Lot	☐ Tiny House

CURRENT PROPERTY OWNER/APPLICANT/DEVELOPER INFORMATION	
Current Property Owner(s) Names: Shawn Donovan	
Company: Concept 8 Holdings, LLC	Title: Member Manager
Address: 307 S. Salem Street Apex, NC 27502	
Phone #: 919-601-5087	Email: shawn@concepteight.com
Applicant Name (If different from owner. See "who can apply" in instructions):	
Relationship to owner: ☐ Lessee or contract purchaser ☐ Owner's authorized agent ☐ Easement holder	
Company:	Address:
Phone #:	Email:
NOTE: please attach purchase agreement or contract, lease or easement when submitting this form.	
Developer Contact Names: Jason G. Meadows	
Company: RDU Consulting, PLLC	Title: Engineer
Address: P.O. Box 418 Clayton, NC 27528	
Phone #: 919-889-2614	Email: jason@rduconsulting.com

DEVELOPMENT TYPE + SITE DATE TABLE – ZONING INFORMATION		
Gross site acreage: 2.715 AC		
Zoning districts (if more than one, provide acreage of each):		
Overlay district(s):	Inside City Limits? ☐ Yes ☑ No	Historic District/Landmark: N/A ☑
Conditional Use District (CUD) Case # Z-	Board of Adjustment Case # BOA-	Design Alternate Case # DA-

STORMWATER INFORMATION	
Imperious Area on Parcel(s): Existing (sf) 7,705 Proposed total (sf) 62,265	Impervious Area for Compliance (includes right-of-way): Existing (sf) 8,275 Proposed total (sf) 68,825

NUMBER OF LOTS AND DENSITY		
# of Detached House Lots:	# of Attached House Lots:	# of Townhouse Lots: 32
# of Tiny House Lots:	# of Open Lots: 1	# of Other Lots (Apartment, General, Mixed Use, Civic):
Total # of Lots: 33	Total # Dwelling Units: 32	
Proposed density for each zoning district (UDO 1.5.2.F): 12.26 UNITS/AC		

SIGNATURE BLOCK	
Pursuant to state law (N.C. Gen. Stat. § 160D-403(a)), applications for development approvals may be made by the landowner, a lessee or person holding an option or contract to purchase or lease land, or an authorized agent of the landowner. An easement holder may also apply for development approval for such development as is authorized by the easement. By submitting this application, the undersigned applicant acknowledges that they are either the property owner or one of the persons authorized by state law (N.C.G.S. 160D-403(a)) to make this application, as specified in the application. The undersigned also acknowledges that the information and statements made in the application are correct and the undersigned understands that development approvals are subject to revocation for false statements or misrepresentations made in securing the development approval, pursuant to N.C. Gen. Stat. § 160D-403(f). The undersigned indicates that the property owner(s) is aware of this application and that the proposed project described in this application will be maintained in all respects in accordance with the plans and specifications submitted herewith, and in accordance with the provisions and regulations of the City of Raleigh Unified Development Ordinance. The undersigned hereby acknowledges that, pursuant to state law (N.C.G.S. 143-755(b1), if this permit application is placed on hold at the request of the applicant for a period of six consecutive months or more, or if the applicant fails to respond to comments or provide additional information requested by the City for a period of six consecutive months or more, then the application review is discontinued and a new application is required to proceed and the development regulations in effect at the time permit processing is resumed shall apply to the new application.	
Signature:	Date: 12/12/2022
Printed Name: Jason G. Meadows	
Signature:	Date:
Printed Name:	

VICINITY MAP
1" : 400'

SITE DATA	
PROPERTY OWNER/DEVELOPER:	CONCEPT 8 HOLDINGS, LLC 307 S. SALEM ST. SUITE 200 APEX, NC 27502
SITE ADDRESS:	2312 & 2316 TRAWICK ROAD, 2315 ANDOR PLACE
SITE AREA:	GROSS: 2.715 AC. (118,267 SF) RIGHT-OF-WAY DEDICATION: 0.124 AC. (5,424 SF) NET: 2.59 AC. (112,843 SF) REQUIRED SITE AREA PER UNIT: 3,500 SF PROVIDED SITE AREA PER UNIT: 3,640 SF
WAKE COUNTY PIN #:	1725504400, 1725503610, 1725505509
ZONING DISTRICT:	R-6
EXISTING USE:	DETACHED - SINGLE FAMILY
PROPOSED USE:	SUBDIVISION - TOWNHOMES
LOTS:	(31) TOWNHOUSE LOTS, (1) COMMON OPEN LOT
STREET CLASSIFICATION:	TRAWICK ROAD - AVENUE 2-LANE DIVIDED (PRIMARY) ANDOR PLACE - NEIGHBORHOOD LOCAL (PRIMARY)
BUILDING SETBACKS:	PRIMARY STREET (MIN.): 10' SIDE STREET (MIN.): 10' SIDE SITE BOUNDARY: 10' REAR SITE BOUNDARY (MIN): 20' FROM ALLEY: 4' OR 20' MIN. BUILDING SEPARATION: 10'
PARKING SETBACKS:	PRIMARY STREET (MIN.): 20' SIDE STREET (MIN.): 10' SIDE LOT LINE (MIN.): 0' REAR LOT LINE (MIN): 20' FROM ALLEY GARAGE (MIN): 4' MIN.
VEHICULAR PARKING:	REQUIRED: NO MAXIMUM PROVIDED: 66 SPACES (1 GARAGE & 1 DRIVEWAY SPACE PER UNIT) ((4) ONSITE SPACES, INCLUDING 1 ACCESSIBLE)
AMENITY AREA REQUIRED: PROVIDED:	TOTAL: 5,643 SF (5% of 112,843 SF) TOTAL: 27,500 SF (24.2%)
OPEN SPACE REQUIRED: PROVIDED:	TOTAL: 22,734 SF (20%) TOTAL: 27,500 SF (24.2%)
REQUIRED TCA: PROVIDED TCA:	2.59 AC. X 10% = 0.259 AC 0.28 AC. (10.8%)

TRAWICK TOWNHOMES

COMPACT SUBDIVISION PLANS

SUB-0083-2022

RALEIGH, NORTH CAROLINA

DECEMBER 12, 2022
REVISED: MAY 5, 2023

INDEX

DEVELOPER:

CONCEPT 8 HOLDINGS, LLC
307 S. Salem St. Suite 200
Apex, NC 27502
919-601-5078
shawn@concepteight.com

CIVIL ENGINEER:

RDU
CONSULTING, PLLC

NC LICENSE P-2425
PHONE: 919-889-2614
EMAIL: JASON@RDUCONSULTING.COM
P.O. BOX 418
CLAYTON, NC 27528

UDO SEC. 8.3.2.A BLOCK PERIMETER
THE EXISTING ZONING WITHIN THE SUBJECT BLOCK IS R-6. THEREFORE, IN ACCORDANCE WITH UDO 8.3.2.A.2.b, BLOCK PERIMETER IS NOT APPLICABLE DUE TO THE SITE AREA BEING 2.72 ACRES WHICH IS LESS THAN THE MIN. SITE AREA APPLICABILITY FOR R-6 - ZONING.

UDO SEC. 8.3.5.D.5.B.i CROSS ACCESS
IN ACCORDANCE WITH UDO 8.3.5.D CROSS ACCESS REQUIREMENTS ARE NOT APPLICABLE TO THE PROPOSED DEVELOPMENT DUE TO THE PRESENCE OF AN EXISTING DETACHED BUILDING TYPE TO THE SOUTHEAST AND NORTHEAST, AND EXISTING TOWNHOUSE BUILDING TYPE TO THE NORTHWEST.

FEE-IN-LIEU REQUEST
THE APPLICANT IS REQUESTING TO PAY A FEE-IN-LIEU FOR THE CURB AND GUTTER AND SIDEWALK IMPROVEMENTS ALONG ANDOR PLACE IN ACCORDANCE WITH UDO SEC. 8.4.1.B.4.

HORIZONTAL DATUM: NAD83
VERTICAL DATUM: NAVD88

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF RALEIGH AND NCDOT STANDARDS AND SPECIFICATIONS.

SOLID WASTE INSPECTIONS STATEMENT
DEVELOPERS HAVE REVIEWED AND ARE IN COMPLIANCE WITH THE REQUIREMENTS SET FORTH IN THE CITY OF RALEIGH SOLID WASTE MANUAL. RESIDENTS SHALL UTILIZE THE GARBAGE AND RECYCLING DUMPSTERS LOCATED ON SITE, BE COLLECTED BY CITY OF RALEIGH SOLID WASTE.

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# of Tiny House Lots:	# of Open Lots: 1	# of Other Lots (Apartment, General, Mixed Use, Civic):
Total # of Lots: 32	Total # Dwelling Units: 31 UNITS	

Proposed density for each zoning district (UDO 3,640 SF (SITE AREA) / UNIT

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Signature: | Date: 12/12/2022
Printed Name: Jason G. Meadows
Signature: | Date:
Printed Name:

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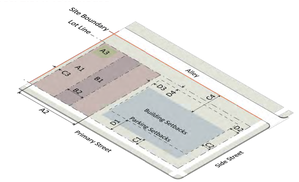
Article 2.3. Compact Development

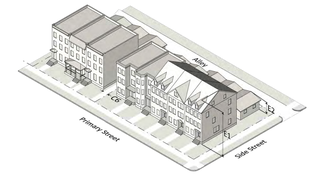
Sec. 2.3.1. General Requirements

		R-1	R-2	R-4	R-6	R-10
A. Site						
A1	Density (max)	1 u/a	-	-	-	-
B. Open Space						
B1	Open Space required (min acreage)	20% or 4 acres, whichever is greater	20% or 2 acres, whichever is greater	20% or 1 acre, whichever is greater	20% or 0.5 acres, whichever is greater	20% or 0.5 acres, whichever is greater
B2	Width of open space (min)	50'	50'	50'	50'	50'

		R-1	R-2	R-4	R-6	R-10
C. Transitional Protective Yard						
C1	Site boundary (min)	Type B1 or B2 Transitional Protective Yard (see *Sec. 7.2.4.A*) or perimeter lots must meet the dimensional standards of *Article 2.2 Conventional Development Option* of the district where the property is located.				
D. Residential Unit Types (max)						
	Detached house	100%	100%	100%	100%	100%
	Attached house	n/a	100%	100%	100%	100%
	Townhouse	n/a	n/a	100%	100%	100%
	Apartment	n/a	n/a	n/a	n/a	100%

Sec. 2.3.4. Townhouse[i]





		R-4	R-6	R-10
A. Site Dimensions				
A1	Net site area/unit (min)	6,000 sf	3,500 sf	2,500 sf
A2	Width (min)	65'	50'	45'
A3	Outdoor amenity area (min)[j]	5%	5%	5%
B. Lot Dimensions				
B1	Area (min)	n/a	n/a	n/a
B2	Width (min)	16'	16'	16'
C. Building/Structure Setbacks				
C1	From primary street (min)	20'	10'	10'
C2	From side street (min)	20'	10'	10'
C3	From side site boundary line	10'	10'	10'
C4	From rear site boundary line (min)[k]	20'	20'	20'
C5	From alley[e]	4' or 20' min	4' or 20' min	4' or 20' min
C6	Internal building separation (min)	10'	10'	10'
C7	Residential infill rules may apply (see *Sec. 2.2.7.*)	yes	yes	yes
D. Parking Setbacks[e]				
D1	From primary street (min)	20'	20'	20'
D2	From side street (min)	10'	10'	10'
D3	From side lot line (min)	0'	0'	0'
D4	From rear lot line (min)	3'	3'	3'
D5	From alley, garage only (min)	4'	4'	4'
D6	Residential infill rules may apply (see *Sec. 2.2.7.*)	yes	yes	yes
E. Height				
E1	Principal building (max)	45'/3 stories	45'/3 stories	45'/3 stories
E2	Accessory structure (max)	26'	26'	26'
E3	Residential infill rules may apply (see *Sec. 2.2.7.*)	yes	yes	yes

See *Sec. 1.5.4.D "Building Setbacks"* for specific building element requirements

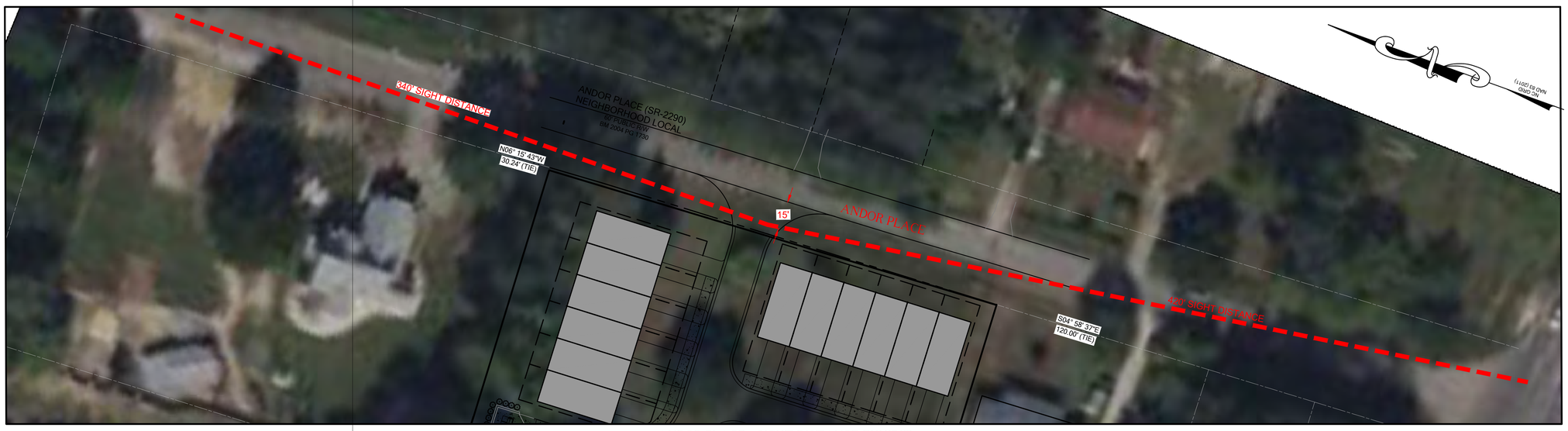
[i] A townhouse development containing only two dwelling units shall be regulated by the standards of Sec. 2.3.1., Attached House, however: (a) a minimum site area per unit of one-half the minimum lot area specified in 2.3.3.A1. is required; (b) Sec. 2.3.4.B. shall still control provided a minimum site width equal to the dimensions specified by Sec. 2.3.3.A2. is met; and (c) Sec. 2.3.3.B3. shall only apply to the non-party wall side lot line.

[j] Outdoor amenity meeting the requirements of Sec. 1.5.3. may overlap with required open space.

[k] A permanently recorded open lot or common area lot of at least 20 feet in width may be used to satisfy Sec. 2.3.4.C4.

[e] Garages (or a portion thereof) must either be located 4 feet from the travel lane of an alley or rear access drive or be a minimum of 20 feet from the travel lane of an alley or rear access drive. Where parking spaces are located between the garage and the alley or rear access drive, the garage must be located at least 20 feet from the travel lane alley or rear access drive.

[e] Parking setbacks shall not apply to driveways serving individual dwelling units or shared between two dwelling units.



ANDOR PLACE - SIGHT DISTANCE EXHIBIT

SCALE: 1" = 30'

TRAWICK ROAD - SIGHT DISTANCE EXHIBIT

SCALE: 1" = 30'

RDU CONSULTING, PLLC

NC LICENSE P-2425
PHONE: 919-889-2614
EMAIL: JASON@RDUCONSULTING.COM
P.O. BOX 418
CLAYTON , NC 27528

Client
CONCEPT 8 HOLDINGS, LLC
307 S. SALEM ST. #200
APEX, NC 27502

Project
TRAWICK ROAD TOWNHOMES (SUB-0083-2022)

Process
PRELIMINARY SUBDIVISION

LEGEND

BM	BOOK OF MAPS
DB	DEED BOOK
PG	PAGE
N/F	NOW OR FORMERLY
R/W	RIGHT OF WAY
EIP	EXISTING IRON PIPE
EPK	EXISTING PK NAIL
ECM	EXISTING CONCRETE MONUMENT
IPS	IRON PIPE SET
CP	COMPUTED POINT
RCP	REINFORCED CONCRETE PIPE
PP	POWER POLE
GUY	GUY ANCHORS
	PROPOSED INSERTION VALVE
	EXISTING FIRE HYDRANT
	PROPOSED FIRE HYDRANT
	EXISTING WATER VALVE
	PROPOSED WATER VALVE
	EXISTING WATER REDUCER
	PROPOSED WATER REDUCER
	EXISTING WATER METER
	PROPOSED WATER METER
	EXISTING HOT BOX
	PROPOSED HOT BOX
	EXISTING MANHOLE
	PROPOSED MANHOLE
	BOUNDARY LINE
	RIGHT OF WAY LINE
	LINES NOT SURVEYED
	EASEMENT LINES
E	OVERHEAD ELECTRICAL LINES
W	EXISTING WATER LINE
	PROPOSED WATER LINE
SS	EXISTING SANITARY SEWER LINE
	PROPOSED SANITARY SEWER LINE
	EXISTING STORM DRAINAGE LINE
	PROPOSED STORM DRAINAGE LINE

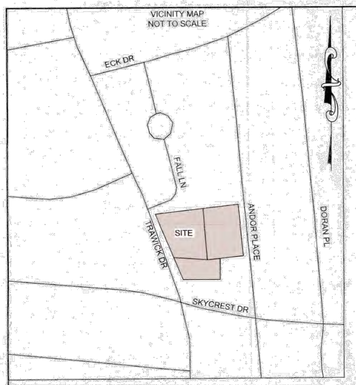
Revisions

Number	Description	Date
1	CITY OF RALEIGH COMMENTS	5/5/23

Drawing Title
UDO EXCERPTS, INFILL, & SIGHT DISTANCE

Sheet Number
CE-0.1

Date Issued 12/09/2022



LEGEND

- EXISTING BOUNDARY CORNER FOUND
- BOUNDARY CORNER SET (3/4" IPS UNLESS OTHERWISE NOTED)
- WATER METER
- UTILITY POLE
- FIRE HYDRANT
- UTILITY VALVE
- TELEPHONE PEDESTAL
- UTILITY HAND HOLE
- SIGN
- GUY WIRE
- UTILITY MANHOLE
- LIGHT POLE
- TREE
- BOUNDARY LINE
- ADJOINER LINE
- WATER LINE
- TELEPHONE LINE
- STORM DRAIN
- OVERHEAD UTILITY
- SANITARY SEWER
- EIP — EXISTING IRON PIPE
- EIR — EXISTING IRON REBAR
- IPS — IRON PIPE SET
- N — NORTH
- E — EAST
- S — SOUTH
- W — WEST
- NE — NORTHEAST
- SE — SOUTHEAST
- SW — SOUTHWEST
- NW — NORTHWEST
- DB — DEED BOOK
- PG — PAGE
- BM — BOOK OF MAPS
- R/W — RIGHT OF WAY
- POB — POINT OF BEGINNING
- (T) — TOTAL
- GRAVEL
- BUILDINGS
- POSSIBLE ENCROACHMENT
- PAVEMENT

NOTES

1. THE PROPERTY LIES IN ZONES "X" PER NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP COMMUNITY NUMBER 3720172500J, DATED MAY 2, 2006.
2. ALL DISTANCES ARE HORIZONTAL GROUND DISTANCES AND ALL BEARINGS ARE BASED ON GPS OBSERVATIONS, NAD 83 / NSRS 2011, NORTH CAROLINA STATE PLANE UNLESS OTHERWISE SHOWN.
3. SITE ZONED "R-6" PER WAKE COUNTY GIS.
4. AREAS COMPUTED BY COORDINATE METHOD.
5. THIS SURVEY WAS PREPARED BY BATEMAN CIVIL SURVEY COMPANY, UNDER THE SUPERVISION OF STEVEN P. CARSON, PLS.
6. SURVEY PERFORMED WITHOUT THE BENEFIT OF A TITLE REPORT.
7. THIS MAP MAY NOT BE A CERTIFIED SURVEY AND HAS NOT BEEN REVIEWED BY A LOCAL GOVERNMENT AGENCY FOR COMPLIANCE WITH ANY APPLICABLE LAND DEVELOPMENT REGULATIONS.
8. SURVEY PREFORMED WITHOUT THE BENEFIT OF A TITLE REPORT.
9. NO CEMETERIES OR GRAVES WERE OBSERVED AS A RESULT OF THIS SURVEY.
10. BUILDINGS AND STRUCTURES ARE AS SHOWN ON THIS SURVEY.

THIS MAP IS CONSIDERED PRELIMINARY, NOT FOR RECORDATION, CONVEYANCE OR SALES UNLESS SIGNED AND SEALED BY THE LICENSED SURVEYOR.

I, STEVEN P. CARSON, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION (DEED DESCRIPTION RECORDED IN BOOK 15623 PAGE 2107, BOOK 15623 PAGE 2099, BOOK 15623 PAGE 2103); THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION FOUND AS SHOWN HERE ON; THAT THE RATIO OF PRECISION AS CALCULATED IS 1: 10,000 +; THAT THIS PLAT WAS PREPARED IN ACCORDANCE WITH G.S. 47-30 AS AMENDED. WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER AND SEAL THIS 7 DAY OF December, A.D., 2022.

I, FURTHER THAT IN ACCORDANCE WITH G.S. 47-30-F-11-C-1: CERTIFY THAT THE SURVEY IS OF AN EXISTING PARCEL OR PARCELS OF LAND OR ONE OR MORE EXISTING EASEMENTS AND DOES NOT CREATE A NEW STREET OR CHANGE AN EXISTING STREET. FOR THE PURPOSES OF THIS SUBSECTION, AN "EXISTING PARCEL" OR " EXISTING EASEMENT" IS AN AREA OF LAND DESCRIBED IN A SINGLE LEGAL DESCRIPTION OR LEGALLY RECORDED SUBDIVISION THAT HAS BEEN OR MAY BE LEGALLY CONVEYED TO A NEW OWNER BY DEED IN ITS EXISTING CONFIGURATION.

I, STEVEN P. CARSON, CERTIFY THAT THIS PROJECT WAS COMPLETED UNDER MY DIRECT AND RESPONSIBLE CHARGE FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION; THAT THIS GROUND SURVEY WAS PERFORMED AT THE 95 PERCENT CONFIDENCE LEVEL TO MEET FEDERAL GEOGRAPHIC DATA COMMITTEE STANDARDS; THAT THIS SURVEY WAS PERFORMED TO MEET THE REQUIREMENTS FOR A TOPOGRAPHIC/PLANIMETRIC SURVEY TO THE ACCURACY OF CLASS A AND VERTICAL ACCURACY WHEN APPLICABLE TO THE CLASS C STANDARD, AND THAT THE ORIGINAL DATA WAS OBTAINED ON 07/15/2021; THAT THE SURVEY WAS COMPLETED ON 08/10/2021; THAT CONTOURS SHOWN AS BROKEN LINES MAY NOT MEET THE STATED STANDARD; AND ALL COORDINATES ARE BASED ON "NAD 83" AND REALIZATION NSRS 2011 AND ALL ELEVATIONS ARE BASED ON NAVD 88.

12/7/22

STEVEN P. CARSON, PLS
NC LICENSE NO. 4752

TREES		TREES		TREES		TREES		TREES	
1	8" PINE	67	4" SWEETGUM	130	10" SWEETGUM	196	24" PINE	262	7" OAK
2	12" SWEETGUM	68	4" ASH	131	24" SWEETGUM	197	6" ASH	263	13" PINE
3	18" SWEETGUM	69	10" SWEETGUM	132	8" SWEETGUM	198	8" PINE	264	6" HARDWOOD
4	18" PINE	70	10" SWEETGUM	133	4" SWEETGUM	199	10" OAK	265	6" HARDWOOD
5	24" OAK	71	10" SWEETGUM	134	24" SWEETGUM	200	8" PINE	266	19" PINE
6	18" OAK	72	10" SWEETGUM	135	15" SWEETGUM	201	60" PINOAK	267	12" PINE
7	18" OAK	73	6" SWEETGUM	136	6" SWEETGUM	202	8" PINE	268	7" GUM
8	4" PINE	74	18" PINE	137	24" PINE	203	24" OAK	269	20" HOLLY
9	18" PINE	75	24" PINE	138	10" SWEETGUM	204	10" OAK	270	CRAPE MYRTLE
10	6" OAK	76	24" PINE	139	24" SWEETGUM	205	18" PINE	271	11" OAK
11	12" PINE	77	12" SWEETGUM	140	4" OAK	206	10" OAK	272	CRAPE MYRTLE
12	12" PINE	78	20" PINE	141	6" OAK	207	6" OAK	273	CRAPE MYRTLE
13	15" PINE	79	8" SWEETGUM	142	6" PINE	208	6" OAK	274	16" OAK
14	12" SWEETGUM	80	8" SWEETGUM	143	6" PINE	209	12" ASH	275	CRAPE MYRTLE
15	3" SWEETGUM	81	15" PINE	144	4" SWEETGUM	210	30" OAK	276	CRAPE MYRTLE
16	6" SWEETGUM	82	24" PINE	145	12" PINE	211	10" ASH	277	CRAPE MYRTLE
17	6" PINE	83	12" SWEETGUM	146	10" SWEETGUM	212	24" PINOAK	278	CRAPE MYRTLE
18	4" SWEETGUM	84	10" SWEETGUM	147	8" SWEETGUM	213	CRAPE MYRTLE	279	CRAPE MYRTLE
19	2" SWEETGUM	85	6" ASH	148	8" SWEETGUM	214	CRAPE MYRTLE	280	17" OAK
20	6" PINE	86	24" PINE	149	10" SWEETGUM	215	CRAPE MYRTLE	281	26" PINE
21	8" OAK	87	6" ASH	150	18" SWEETGUM	216	CRAPE MYRTLE	282	9" HARDWOOD
22	6" SWEETGUM	88	6" SWEETGUM	151	18" SWEETGUM	217	1" HOLLY	283	10" HARDWOOD
23	8" OAK	89	6" ASH	152	12" PINE	218	3" PINE	284	6" HARDWOOD
24	6" PINE	90	6" ASH	153	4" PINOAK	219	1" HOLLY	285	4" HARDWOOD
25	18" PINE	91	6" SWEETGUM	154	6" PINOAK	220	CRAPE MYRTLE	286	3" HARDWOOD
26	40" OAK	92	3" SWEETGUM	155	4" PINOAK	221	CRAPE MYRTLE	287	6" HARDWOOD
27	12" PINE	93	6" SWEETGUM	156	3" SWEETGUM	222	CRAPE MYRTLE	288	4" HARDWOOD
28	12" PINE	94	4" ASH	157	4" SWEETGUM	223	1" HOLLY	289	10" OAK
29	12" PINE	95	4" SWEETGUM	158	10" PINE	224	19" PINE		
30	24" PINE	96	10" PINE	159	4" SWEETGUM	225	17" PINE		
31	40" OAK	97	10" PINE	160	15" PINE	226	20" PINE		
32	24" OAK	98	10" PINE	161	6" SWEETGUM	227	4" PINE		
33	12" PINE	99	4" OAK	162	2" SWEETGUM	228	CRAPE MYRTLE		
34	24" OAK	100	4" SWEETGUM	163	6" SWEETGUM	229	15" PINE		
35	8" PINE	101	10" OAK	164	2" DOGWOOD	230	17" PINE		
36	30" OAK	102	6" SWEETGUM	165	8" PINE	231	13" PINE		
37	12" OAK	103	6" OAK	166	15" SWEETGUM	232	29" PINE		
38	18" PINE	104	12" PINE	167	4" SWEETGUM	233	CRAPE MYRTLE		
39	18" PINE	105	12" SWEETGUM	168	24" PINE	234	CRAPE MYRTLE		
40	8" PINE	106	24" PINE	169	12" SWEETGUM	235	10" PINE		
41	15" PINE	107	10" SWEETGUM	170	15" SWEETGUM	236	CRAPE MYRTLE		
42	12" PINE	108	12" PINE	171	12" PINE	237	CRAPE MYRTLE		
43	8" PINE	109	10" SWEETGUM	172	8" SWEETGUM	238	4" BIRCH		
44	8" PINE	110	12" PINE	173	14" SWEETGUM	239	3" MAPLE		
45	8" PINE	111	36" PINOAK	174	4" BIRCH	240	CRAPE MYRTLE		
46	8" PINE	112	6" SWEETGUM	175	15" PINE	241	11" OAK		
47	10" OAK	113	36" PINOAK	176	18" CEDAR	242	8" HARDWOOD		
48	10" OAK	114	24" SWEETGUM	177	10" BOXWOOD	243	9" SWEETGUM		
49	40" OAK	115	9" PINE	178	8" BIRCH	244	10" SWEETGUM		
50	10" PINE	113	6" HW	179	15" MULBERRY	245	8" SWEETGUM		
51	8" OAK	114	8" HW	180	24" PINOAK	246	19" PINE		
52	12" PINE	115	10" SWEETGUM	181	12" PINE	247	20" PINE		
53	12" PINE	116	10" OAK	182	12" OAK	248	5" PINE		
54	15" PINE	117	18" SWEETGUM	183	15" MAGNOLIA	249	17" PINE		
55	24" PINE	118	12" SWEETGUM	184	3" HOLLY	250	5" PINE		
56	18" PINE	119	6" SWEETGUM	185	24" PINOAK	251	24" PINE		
57	20" PINE	120	15" SWEETGUM	186	8" OAK	252	18" PINE		
58	3" SWEETGUM	121	15" PINOAK	187	10" OAK	253	29" PINE		
59	24" PINE	122	15" SWEETGUM	188	15" PINE	254	9" HARDWOOD		
60	8" PINE	123	24" SWEETGUM	189	6" OAK	255	5" HARDWOOD		
61	10" PINE	124	24" SWEETGUM	190	18" OAK	256	3" HARDWOOD		
62	8" SWEETGUM	125	12" SWEETGUM	191	18" HOLLY	257	5" HARDWOOD		
63	12" OAK	126	12" SWEETGUM	192	24" OAK	258	6" HARDWOOD		
64	8" OAK	127	15" SWEETGUM	193	6" CEDAR	259	19" PINE		
65	8" OAK	128	4" SWEETGUM	194	6" CEDAR	260	7" HARDWOOD		
66	4" SWEETGUM	129	6" OAK	195	HUGE OAK	261	3" HARDWOOD		

CLASS OF SURVEY: A
POSITIONAL ACCURACY: 0.06'
TYPE OF GPS FIELD PROCEDURE: NC CORS STATIONS
DATES OF SURVEY: DECEMBER 2021
DATUM/EPOCH: NAD83/NSRS2011
GEOID MODEL: 18
COMBINED GRID FACTOR(S): 0.99988307
UNITS: US SURVEY FEET

BATEMAN CIVIL SURVEY COMPANY
ENGINEERS • SURVEYORS • PLANNERS
2524 RELIANCE AVENUE, APEX, NC 27539
PHONE: (919) 577-1080 FAX: (919) 577-1081
INFO@BATEMANCIVILSURVEY.COM
NCBELS FIRM# C-2378

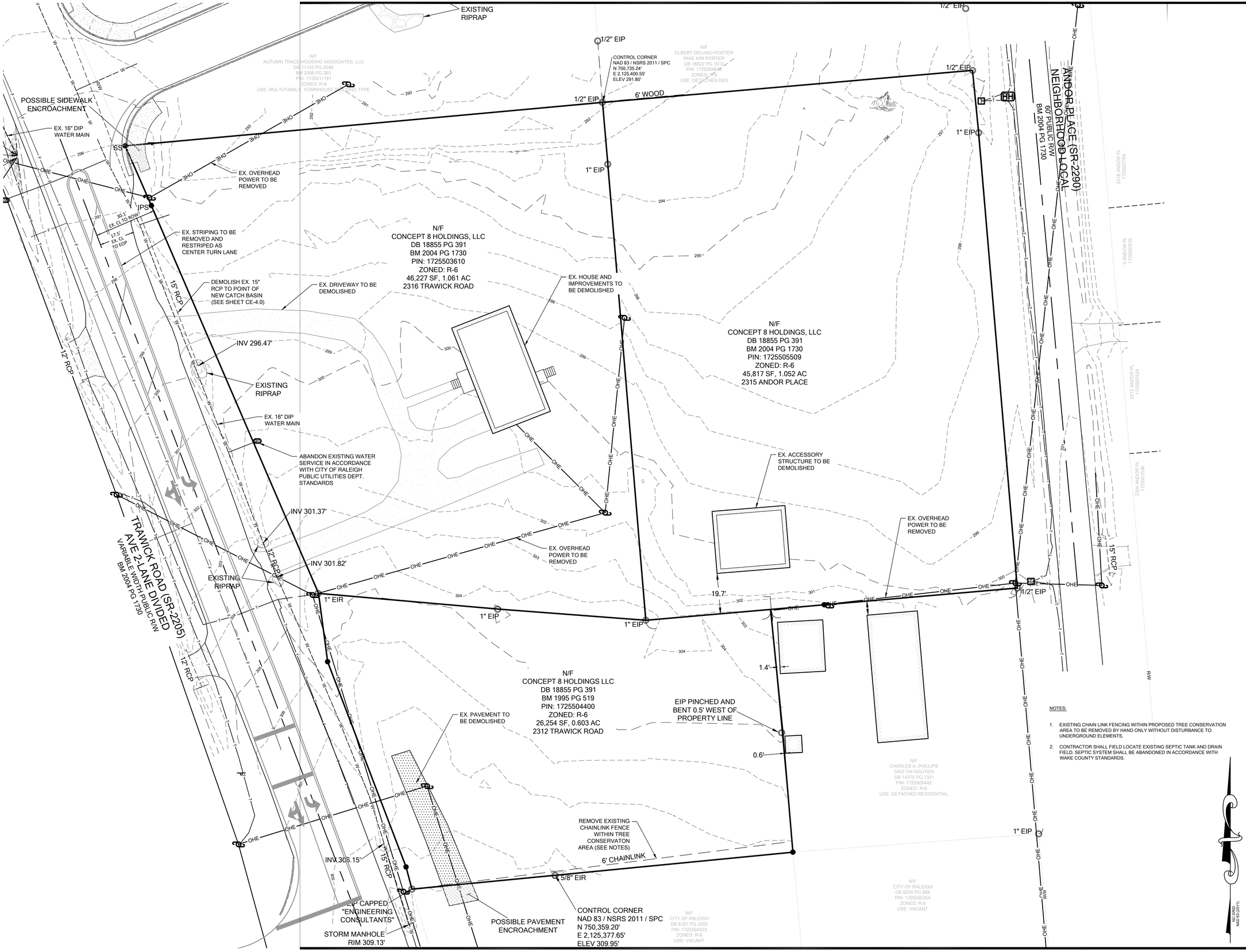
BOUNDARY AND TOPOGRAPHIC SURVEY EXCLUSIVELY FOR CONCEPT 8

AS RECORDED IN
DB 15623 PG 2107, DB 15623 PG 2099, DB 15623 PG 2103
PIN: 1725503610, 1725505509, 1725504400
SAINT MATTHEWS TOWNSHIP - WAKE COUNTY - NORTH CAROLINA

REVISIONS
1.
2.
3.
4.
5.

DESIGNED BY: N/A
DRAWN BY: JTP
CHECKED BY: SPC
SCALE: 1" = 30'
DATE: 01/07/2022
JOB NUMBER: 210886

CE-1.0



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Seal

Client

CONCEPT 8 HOLDINGS, LLC
307 S. SALEM ST. #200
APEX, NC 27502

Project

TRAWICK ROAD TOWNHOMES (SUB-0083-2022)

Process

PRELIMINARY SUBDIVISION

LEGEND

BM	BOOK OF MAPS
DB	DEED BOOK
PG	PAGE
N/F	NOW OR FORMERLY
R/W	RIGHT OF WAY
EIP	EXISTING IRON PIPE
EPK	EXISTING PK NAIL
ECM	EXISTING CONCRETE MONUMENT
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RCP	REINFORCED CONCRETE PIPE
PP	POWER POLE
GUY	GUY ANCHORS
	PROPOSED INSERTION VALVE
	EXISTING FIRE HYDRANT
	PROPOSED FIRE HYDRANT
	EXISTING WATER VALVE
	PROPOSED WATER VALVE
	EXISTING WATER REDUCER
	PROPOSED WATER REDUCER
	EXISTING WATER METER
	PROPOSED WATER METER
	EXISTING HOT BOX
	PROPOSED HOT BOX
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	PROPOSED MANHOLE
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	LINES NOT SURVEYED
	EASEMENT LINES
E	OVERHEAD ELECTRICAL LINES
W	EXISTING WATER LINE
	PROPOSED WATER LINE
SS	EXISTING SANITARY SEWER LINE
	PROPOSED SANITARY SEWER LINE
	EXISTING STORM DRAINAGE LINE
	PROPOSED STORM DRAINAGE LINE

20' 10' 0 20' 40'
1"=20'

NOTES:

1. EXISTING CHAIN LINK FENCING WITHIN PROPOSED TREE CONSERVATION AREA TO BE REMOVED BY HAND ONLY WITHOUT DISTURBANCE TO UNDERGROUND ELEMENTS.
2. CONTRACTOR SHALL FIELD LOCATE EXISTING SEPTIC TANK AND DRAIN FIELD. SEPTIC SYSTEM SHALL BE ABANDONED IN ACCORDANCE WITH WAKE COUNTY STANDARDS.

Revisions

Number	Description	Date
1	CITY OF RALEIGH COMMENTS	5/5/23

Drawing Title

DEMOLITION PLAN

Sheet Number

CE-1.1

Date Issued 12/09/2022

PROPOSED LOT AREA TABLE		
LOT NUMBER	ACREAGE (AC)	SQUARE FOOTAGE (SF)
1	0.033	1,440
2	0.03	1,296
3	0.03	1,296
4	0.033	1,440
5	0.033	1,440
6	0.03	1,296
7	0.03	1,296
8	0.033	1,440
9	0.032	1,378
10	0.03	1,296
11	0.03	1,296
12	0.03	1,296
13	0.03	1,296
14	0.033	1,440
15	0.033	1,440
16	0.03	1,296
17	0.03	1,296
18	0.03	1,296
19	0.03	1,296
20	0.033	1,440
21	0.033	1,440
22	0.03	1,296
23	0.03	1,296
24	0.03	1,296
25	0.03	1,296
26	0.033	1,431
27	0.033	1,440
28	0.03	1,296
29	0.03	1,296
30	0.03	1,296
31	0.033	1,440
32	1.443	62,852

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APEX, NC 27502

Project
TRAWICK ROAD TOWNHOMES (SUB-0083-2022)

Process
PRELIMINARY SUBDIVISION

LEGEND

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	PROPOSED FIRE HYDRANT
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	PROPOSED HOT BOX
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E	OVERHEAD ELECTRICAL LINES
W	EXISTING WATER LINE
	PROPOSED WATER LINE
SS	EXISTING SANITARY SEWER LINE
	PROPOSED SANITARY SEWER LINE
	EXISTING STORM DRAINAGE LINE
	PROPOSED STORM DRAINAGE LINE
	OPEN SPACE/AMENITY AREA
	PROPOSED PRIVATE DRAINAGE EASEMENT
	ACCESSIBLE SIDEWALK

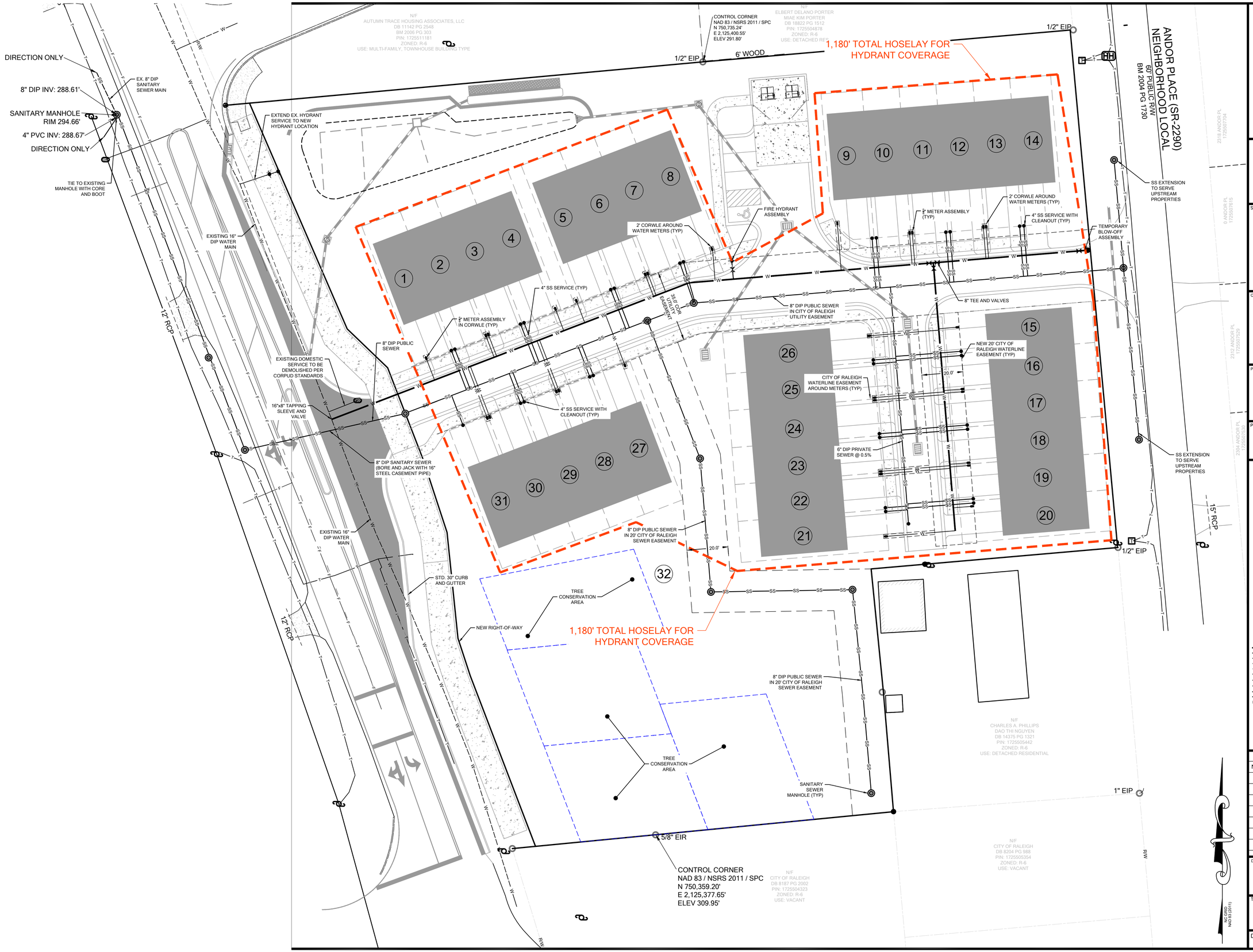
Revisions

Number	Description	Date
1	CITY OF RALEIGH COMMENTS	5/5/23

Drawing Title
SUBDIVISION AND LAYOUT PLAN

Sheet Number
CE-2

Date Issued 12/09/2022



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Project
TRAWICK ROAD TOWNHOMES
(SUB-0083-2022)

Process
PRELIMINARY SUBDIVISION

LEGEND

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	PROPOSED SANITARY SEWER LINE
	EXISTING STORM DRAINAGE LINE
	PROPOSED STORM DRAINAGE LINE

20' 10' 0 20' 40'
1"=20'

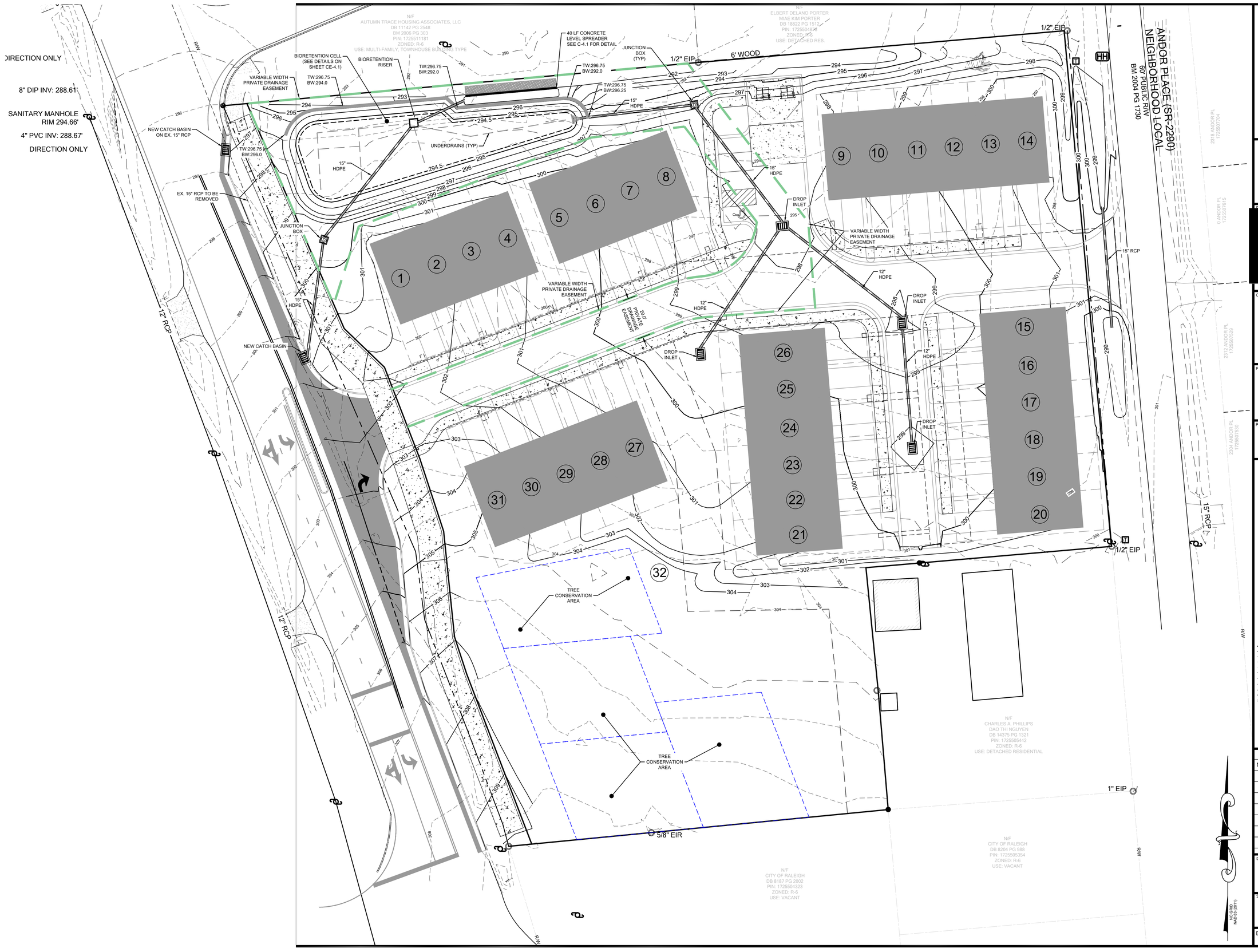
Revisions

Number	Description	Date
1	CITY OF RALEIGH COMMENTS	5/5/23

Drawing Title
UTILITY PLAN

Sheet Number
CE-3

Date Issued 12/09/2022



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Project

TRAWICK ROAD TOWNHOMES (SUB-0083-2022)

Process

PRELIMINARY SUBDIVISION

LEGEND

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	PROPOSED SANITARY SEWER LINE
	EXISTING STORM DRAINAGE LINE
	PROPOSED STORM DRAINAGE LINE

20' 10' 0 20' 40'
1"=20'

Revisions

Number	Description	Date
1	CITY OF RALEIGH COMMENTS	5/5/23

Drawing Title

GRADING AND DRAINAGE PLAN

Sheet Number

CE-4.0

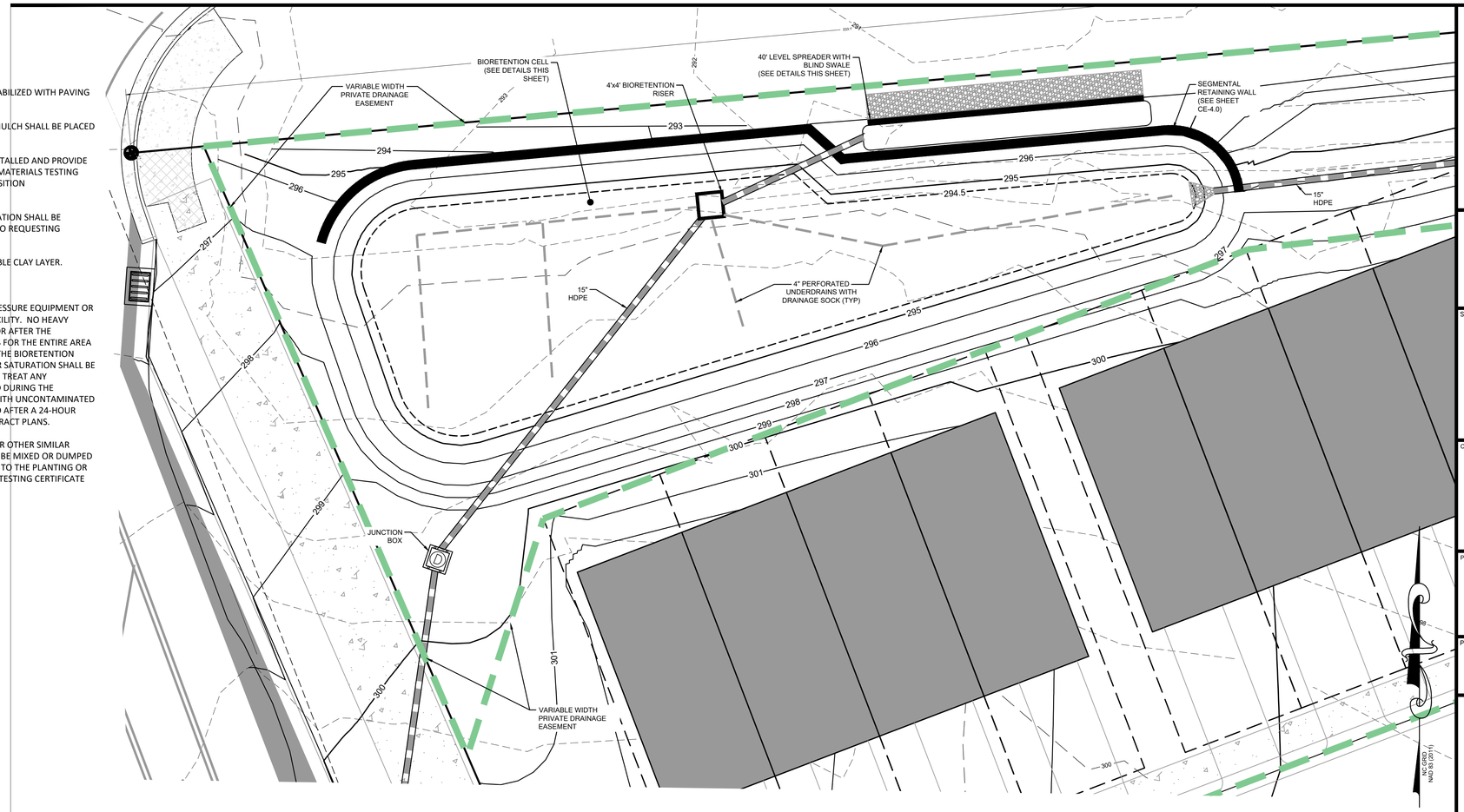
Date Issued 12/09/2022

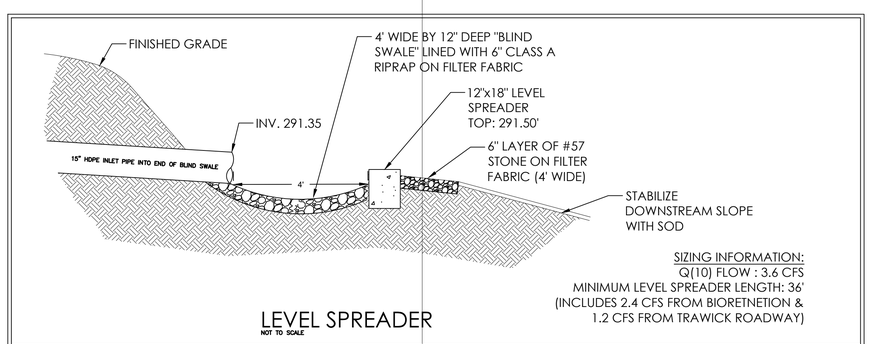
STORMWATER NOTES:

1. BIORETENTION SHALL BE ONLY BE CONSTRUCTED ONCE ALL CONTRIBUTING DRAINAGE AREA IS STABILIZED WITH PAVING OR PERMANENT VEGETATION.
2. SITE SHALL BE FULLY STABILIZED WITH A HEALTHY STAND OF GRASS ACHIEVING 85% COVERAGE, MULCH SHALL BE PLACED IN LANDSCAPED AREAS.
3. CONTRACTOR SHALL PROVIDE (2) IN-SITU INFILTRATION TESTING OF CELL ONCE SOD HAS BEEN INSTALLED AND PROVIDE CERTIFIED RESULTS TO DESIGN ENGINEER FOR AS-BUILT REVIEW. CONTRACTOR SHALL PROVIDE A MATERIALS TESTING CERTIFICATE FOR THE BIORETENTION MIX INCLUDING SIEVE ANALYSIS, P-INDEX, AND SOIL COMPOSITION CHARACTERISTICS.
4. AS-BUILT PLANS SHALL BE PROVIDED TO THE ENGINEER OF RECORD FOR CERTIFICATION. CERTIFICATION SHALL BE REQUIRED TO BE SUBMITTED TO THE CITY OF RALEIGH NO LATER THAN 10 BUSINESS DAYS PRIOR TO REQUESTING CERTIFICATE OF OCCUPANCY.
5. SOD WITHIN THE BIORETENTION AREA MUST NOT NOT BE GROWN IN A SOIL WITH AN IMPERMEABLE CLAY LAYER.

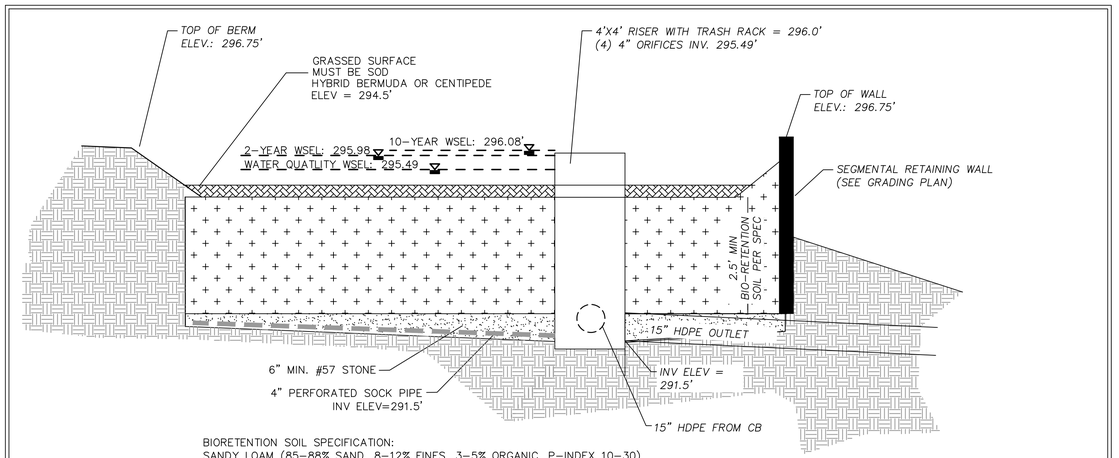
BIORETENTION SOIL MIXTURE (BSM): SHALL BE PLACED AND GRADED USING LOW GROUND-CONTACT PRESSURE EQUIPMENT OR BY EXCAVATORS AND/OR BACKHOES OPERATING ON THE GROUND ADJACENT TO THE BIORETENTION FACILITY. NO HEAVY EQUIPMENT SHALL BE USED WITHIN THE PERIMETER OF THE BIORETENTION FACILITY BEFORE, DURING, OR AFTER THE PLACEMENT OF THE BSM. THE BSM SHALL BE PLACED IN HORIZONTAL LAYERS NOT TO EXCEED 12 INCHES FOR THE ENTIRE AREA OF THE BIORETENTION FACILITY. THE BSM SHALL BE COMPACTED BY SATURATING THE ENTIRE AREA OF THE BIORETENTION FACILITY AFTER EACH LIFT OF BSM IS PLACED UNTIL WATER FLOWS FROM THE UNDERDRAIN. WATER FOR SATURATION SHALL BE APPLIED BY SPRAYING OR SPRINKLING. AN APPROPRIATE SEDIMENT CONTROL DEVICE SHALL BE USED TO TREAT ANY SEDIMENT-LADEN WATER DISCHARGED FROM THE UNDERDRAIN. IF THE BSM BECOMES CONTAMINATED DURING THE CONSTRUCTION OF THE FACILITY, THE CONTAMINATED MATERIAL SHALL BE REMOVED AND REPLACED WITH UNCONTAMINATED MATERIAL AT NO ADDITIONAL COST TO THE OWNER. FINAL GRADING OF THE BSM SHALL BE PERFORMED AFTER A 24-HOUR SETTLING PERIOD. FINAL ELEVATIONS SHALL BE WITHIN 2 INCHES OF ELEVATIONS SHOWN ON THE CONTRACT PLANS.

THE BIORETENTION SOIL MIXTURE (BSM) SHALL BE A UNIFORM MIX, FREE OF STONES, STUMPS, ROOTS OR OTHER SIMILAR OBJECTS LARGER THAN TWO INCHES EXCLUDING MULCH. NO OTHER MATERIALS OR SUBSTANCES SHALL BE MIXED OR DUMPED WITHIN THE BIORETENTION AREA THAT MAY BE HARMFUL TO PLANT GROWTH, OR PROVE A HINDRANCE TO THE PLANTING OR MAINTENANCE OPERATIONS. THE PROPOSED BSM P-INDEX SHALL BE BETWEEN 10-30 AND A MATERIALS TESTING CERTIFICATE SHALL BE PROVIDED TO THE ENGINEER OF RECORD.





LEVEL SPREADER
NOT TO SCALE



BIORETENTION SOIL SPECIFICATION:
SANDY LOAM (85-88% SAND, 8-12% FINES, 3-5% ORGANIC, P-INDEX 10-30)

BIORETENTION SECTION
NOT TO SCALE

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Process

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	PROPOSED SANITARY SEWER LINE
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	PROPOSED STORM DRAINAGE LINE

10' 0 10' 20'
1"=10'

Revisions

Number	Description	Date
1	CITY OF RALEIGH COMMENTS	5/5/23

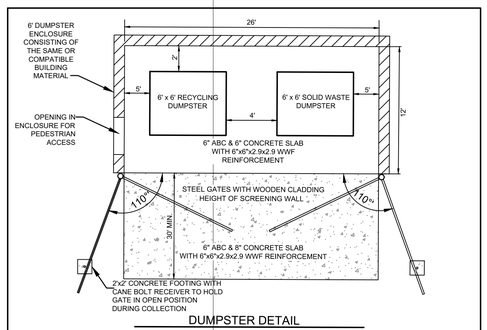
Drawing Title

STORMWATER MANAGEMENT PLAN

Sheet Number

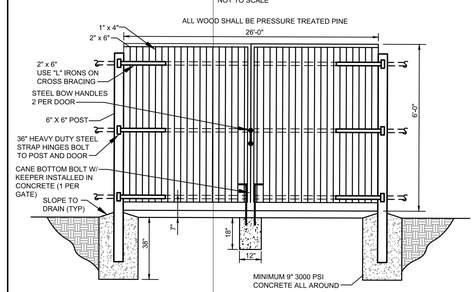
CE-4.1

Date Issued 12/09/2022



DUMPSTER DETAIL

NOT TO SCALE



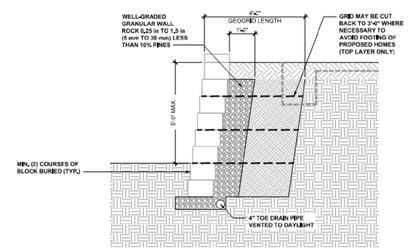
DUMPSTER GATE DETAIL

NOT TO SCALE

WELL-GRADED GRANULAR WALL ROCK 0.25 in TO 1.5 in (5 mm TO 38 mm) LESS THAN 10% FINES, 12" MIN. OF BACKFILL

VIRGIN SOIL OR CONTROLLED FILL TO 95% COMPACTION (ASSUMED BEARING CAPACITY: 2000PSF)

REINFORCED BACKFILL PER MFTR SPECS. COMPACTED TO MFTR SPECS.



6 GENERAL CROSS-SECTION

D1.0 SCALE: 3/8" = 1'-0"

– – – – – – – – SECTION: GEOGRID

WALL UNIT TYPE - 8"H x 16"W x 12"D

GEOGRID REINFORCEMENT TYPE - STRATA 200 U.N.O. (OR EQUIVALENT)

ADDITIONAL NOTES:

1. Setback distance is approximate and does not consider curves, radii or corners.
2. Geogrids placed in the slope above the wall are used in the internal compound stability calculations and in the contributory area calculation of the top wall geogrid.
3. Place the geogrid, in the reinforced base, per the elevation view. See elevation plan for exact location geogrid along wall.
4. All geogrid length dimensions are minimum lengths that the geogrid must extend past the front face of the block.
5. Base of wall shall be 6" deep and 24" wide typical, U.N.O., with the stone extending 6" beyond the face of the first course of block.
6. For site configurations with bottoms of the base on a level plane a minimum one percent gradient shall be maintained on the placement of the toe and heel pipe. Pipe outlets shall be provided on 30' centers.
7. Finished grade lines are to be determined by contractor. A minimum of (1.5) block(s) to be buried below grade at any point (U.N.O.)
8. Retaining wall shall be constructed in accordance with block manufacturer's specifications and recommendations.
9. Maintain 3' consolidation zone behind face of wall. No heavy equipment or machinery shall be allowed within the consolidation zone.
10. Blanket and chimney drain to be installed if gradation requirements from general notes are not met. Alternatively, #57 stone can be blended on site to meet gradation requirements with approval from testing company and design engineer (typ).
11. It is the contractors' responsibility to provide stable cuts and/or trench protection per OSHA standards.

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CONCEPT 8 HOLDINGS, LLC
307 S. SALEM ST. #200
APEX, NC 27502

Project

TRAWICK ROAD TOWNHOMES (SUB-0083-2022)

Process

PRELIMINARY SUBDIVISION

LEGEND

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	PROPOSED SANITARY SEWER LINE
	EXISTING STORM DRAINAGE LINE
	PROPOSED STORM DRAINAGE LINE

Revisions

Number	Description	Date
1	CITY OF RALEIGH COMMENTS	5/5/23

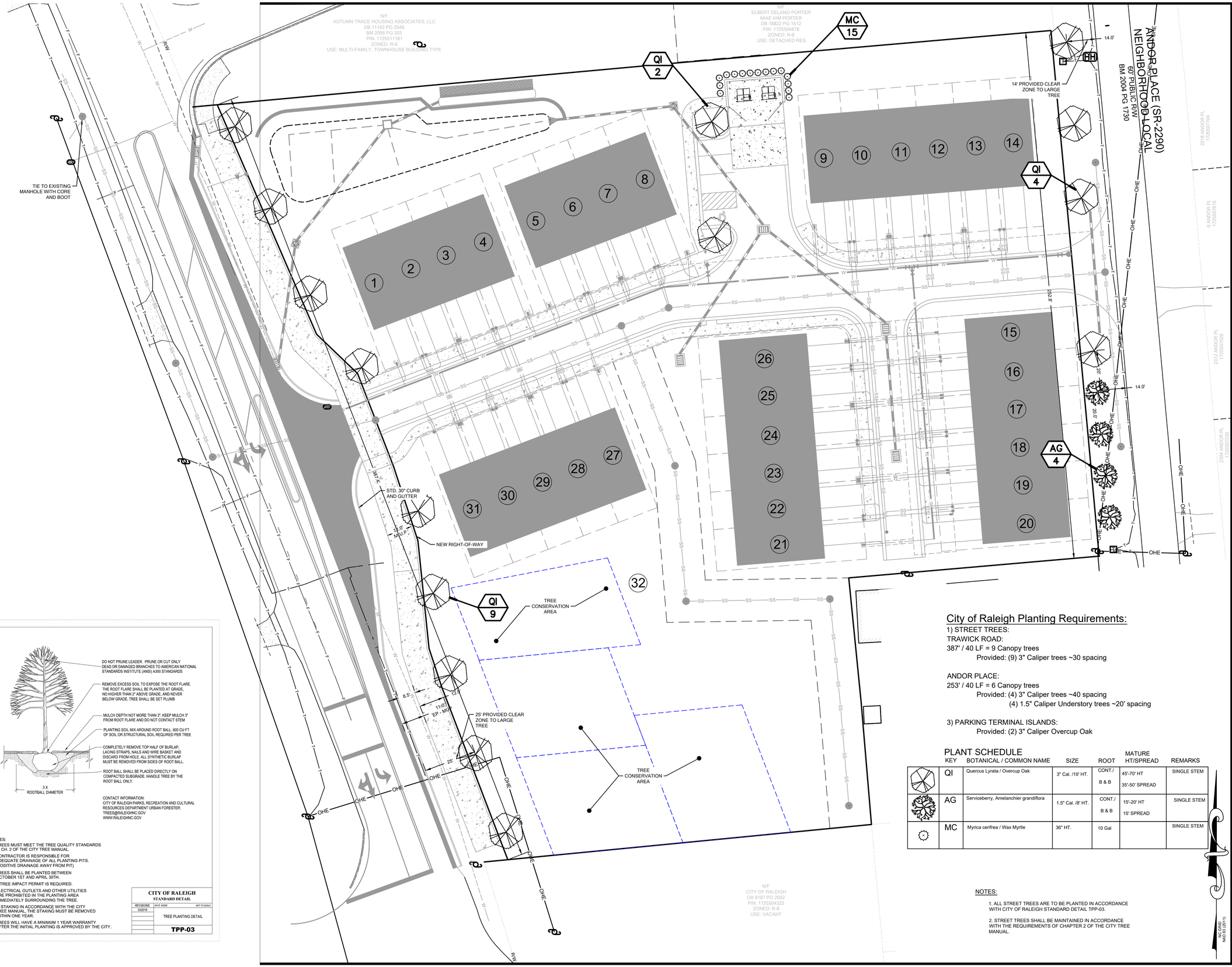
Drawing Title

SITE DETAILS

Sheet Number

CE-5

Date Issued 12/09/2022



CONTACT INFORMATION:
CITY OF RALEIGH PARKS, RECREATION AND CULTURAL RESOURCES DEPARTMENT URBAN FORESTER:
TREES@RALEIGHNC.GOV
WWW.RALEIGHNC.GOV

NOTES:
1. TREES MUST MEET THE TREE QUALITY STANDARDS IN CH. 2 OF THE CITY TREE MANUAL.
2. CONTRACTOR IS RESPONSIBLE FOR ADEQUATE DRAINAGE OF ALL PLANTING PITS. (POSITIVE DRAINAGE AWAY FROM PIT)
3. TREES SHALL BE PLANTED BETWEEN OCTOBER 1ST AND APRIL 30TH.
4. A TREE IMPACT PERMIT IS REQUIRED.
5. ELECTRICAL OUTLETS AND OTHER UTILITIES ARE PROHIBITED IN THE PLANTING AREA IMMEDIATELY SURROUNDING THE TREE.
6. IF STAKING IN ACCORDANCE WITH THE CITY TREE MANUAL, THE STAKING MUST BE REMOVED WITHIN ONE YEAR.
7. TREES WILL HAVE A MINIMUM 1 YEAR WARRANTY AFTER THE INITIAL PLANTING IS APPROVED BY THE CITY.

CITY OF RALEIGH
STANDARD DETAIL

REVISIONS	DATE: 8/2009	NOT TO SCALE
10/2019	TREE PLANTING DETAIL	
		TPP-03

City of Raleigh Planting Requirements:

1) STREET TREES:
TRAWICK ROAD:
387' / 40 LF = 9 Canopy trees
Provided: (9) 3" Caliper trees ~30 spacing

ANDOR PLACE:
253' / 40 LF = 6 Canopy trees
Provided: (4) 3" Caliper trees ~40 spacing
(4) 1.5" Caliper Understory trees ~20' spacing

3) PARKING TERMINAL ISLANDS:
Provided: (2) 3" Caliper Overcup Oak

PLANT SCHEDULE

KEY	BOTANICAL / COMMON NAME	SIZE	ROOT	MATURE HT/SPREAD	REMARKS
QI	Quercus Lyrata / Overcup Oak	3" Cal. /10' HT.	CONT./ B & B	45'-70' HT 35'-50' SPREAD	SINGLE STEM
AG	Serviceberry, Amelanchier grandiflora	1.5" Cal. /8' HT.	CONT./ B & B	15'-20' HT 15' SPREAD	SINGLE STEM
MC	Myrica cerifrea / Wax Myrtle	36" HT.	10 Gal		SINGLE STEM

NOTES:

1. ALL STREET TREES ARE TO BE PLANTED IN ACCORDANCE WITH CITY OF RALEIGH STANDARD DETAIL TPP-03.

2. STREET TREES SHALL BE MAINTAINED IN ACCORDANCE WITH THE REQUIREMENTS OF CHAPTER 2 OF THE CITY TREE MANUAL.

NC GRID NAD 83 (2011)

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[redacted]

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TRAWICK ROAD TOWNHOMES
(SUB-0083-2022)

Process

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20' 10' 0 20' 40'
1"=20'

Revisions

Number	Description	Date
1	CITY OF RALEIGH COMMENTS	5/5/23

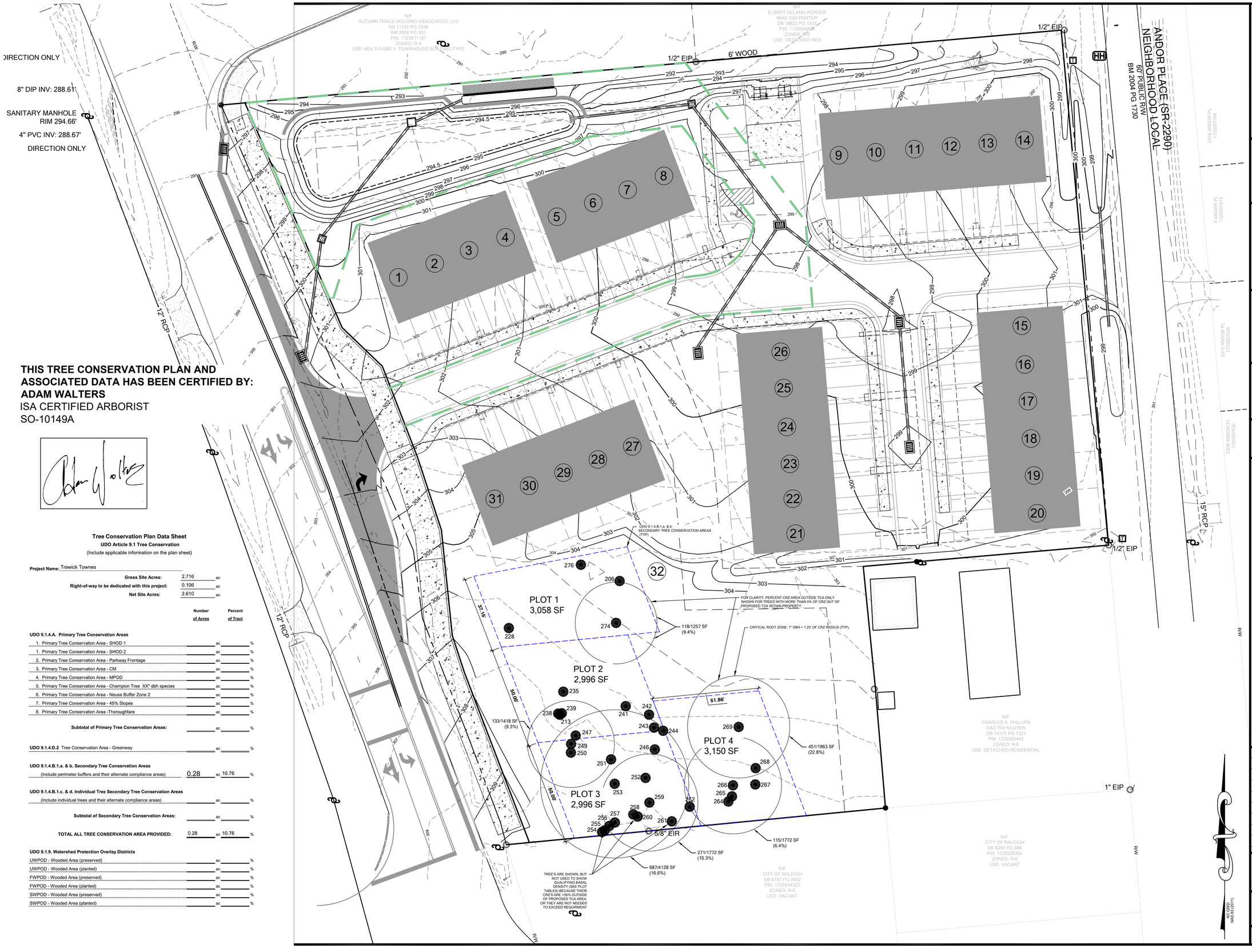
Drawing Title

LANDSCAPE PLAN

Sheet Number

LA-1

Date Issued 12/09/2022



THIS TREE CONSERVATION PLAN AND ASSOCIATED DATA HAS BEEN CERTIFIED BY:
ADAM WALTERS
ISA CERTIFIED ARBORIST
SO-10149A

Tree Conservation Plan Data Sheet
UDO Article 9.1 Tree Conservation
(Include applicable information on the plan sheet)

Project Name: Trawick Townes

Gross Site Acres:	2.716	ac
Right-of-way to be dedicated with this project:	0.106	ac
Net Site Acres:	2.610	ac

	Number of Acres		Percent of Tract	
UDO 9.1.4.A. Primary Tree Conservation Areas				
1. Primary Tree Conservation Area - SHOD 1		ac		%
1. Primary Tree Conservation Area - SHOD 2		ac		%
2. Primary Tree Conservation Area - Parkway Frontage		ac		%
3. Primary Tree Conservation Area - CM		ac		%
4. Primary Tree Conservation Area - MPOD		ac		%
5. Primary Tree Conservation Area - Champion Tree XX" dbh species		ac		%
6. Primary Tree Conservation Area - Neuse Buffer Zone 2		ac		%
7. Primary Tree Conservation Area - 45% Slopes		ac		%
8. Primary Tree Conservation Area -Thoroughfare		ac		%
Subtotal of Primary Tree Conservation Areas:		ac		%
UDO 9.1.4.D.2 Tree Conservation Area - Greenway		ac		%
UDO 9.1.4.B.1.a. & b. Secondary Tree Conservation Areas (Include perimeter buffers and their alternate compliance areas)	0.28	ac	10.76	%
UDO 9.1.4.B.1.c. & d. Individual Tree Secondary Tree Conservation Areas (Include individual trees and their alternate compliance areas)		ac		%
Subtotal of Secondary Tree Conservation Areas:		ac		%
TOTAL ALL TREE CONSERVATION AREA PROVIDED:	0.28	ac	10.76	%
UDO 9.1.9. Watershed Protection Overlay Districts				
UWPOD - Wooded Area (preserved)		ac		%
UWPOD - Wooded Area (planted)		ac		%
FWPOD - Wooded Area (preserved)		ac		%
FWPOD - Wooded Area (planted)		ac		%
SWPOD - Wooded Area (preserved)		ac		%
SWPOD - Wooded Area (planted)		ac		%

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Revisions

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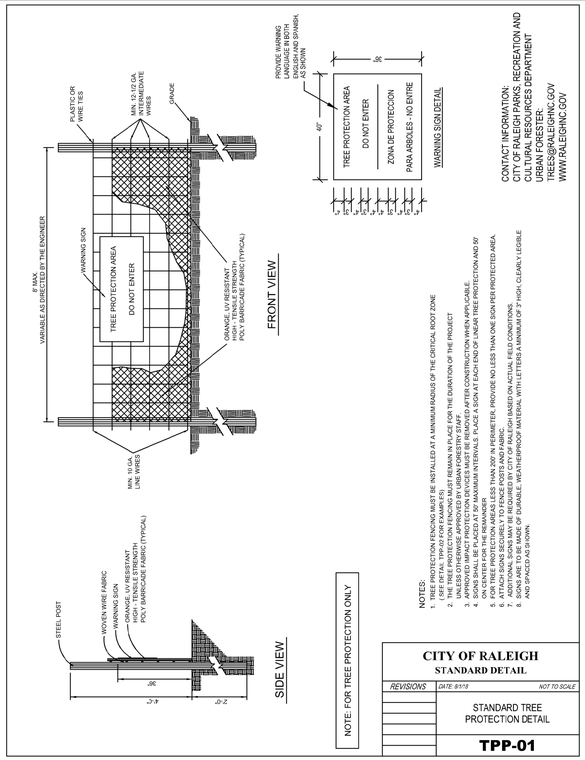
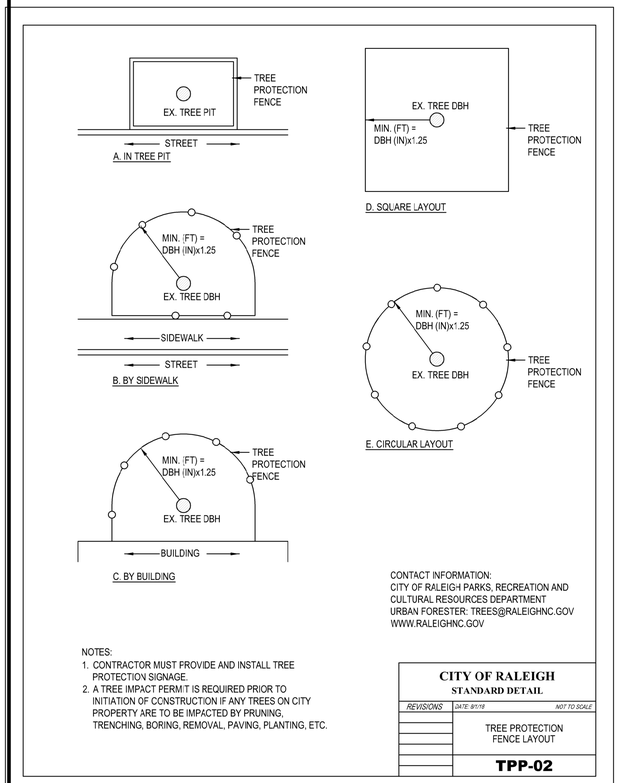
Drawing Title
TREE CONSERVATION
PLAN

Sheet Number
TCA-1

Date Issued 12/09/2022





PLOT 1

PLOT 2

PLOT 3

PLOT 4

Notes:
All invasive plant species shall be removed from proposed TCA area without damage to any part of existing trees, including roots and root crown. Invasive species can be identified and marked for removal by Project Arborist as requested. Approved removal methods exclude use of tracked or wheeled machinery over 500lbs.

THIS TREE CONSERVATION PLAN AND ASSOCIATED DATA HAS BEEN CERTIFIED BY:
ADAM WALTERS
ISA CERTIFIED ARBORIST
SO-10149A

Plot 1

3058 SF		
# - Species	DBH	Basal Area
276 - Crape Myrtle	3	0.05
206 - Winged Elm	12	0.79
274 - Willow Oak	16	1.40
228 - Crape Myrtle	4	0.09
TOTAL BASAL AREA		2.32
BASAL AREA/ACRE		33.00

Plot 2

2996 SF		
Species	DBH	Basal Area
238 - Willow Oak	6	0.20
239 - Crape Myrtle	3	0.05
213 - Cherry	4	0.09
235 - Pine	10	0.55
274 - Willow Oak	16	1.40
241 - Winged Elm	8	0.35
247 - Pine	20	2.18
241 - Sweet Gum	9	0.44
TOTAL BASAL AREA		5.24
BASAL AREA/ACRE		76.25

Plot 3

2996 SF		
Species	DBH	Basal Area
249 - Pine	17	
250 - Pine	5	
251 - Pine	**24**	**3.14**
253 - Willow Oak	**29**	**4.58**
252 - Pine	**18**	**1.77**
246 - Pine	**19**	**1.97**
244 - Sweet Gum	10	
254 - Black Gum	15	
255 - Black Gum	5	
256 - Black Gum	3	
257 - Sweet Gum	5	
258 - Winged Elm	6	
259 - Pine	19	
260 - Black Gum	7	
261 - Sweet Gum	3	
262 - Willow Oak	7	
TOTAL BASAL AREA		11.46
BASAL AREA/ACRE		166.60

Plot 4

3150 SF		
Species	DBH	Basal Area
264 - Winged Elm	6	
265 - Winged Elm	6	
266 - Pine	**19**	**1.97**
267 - Pine	**12**	**0.79**
268 - Sweet Gum	7	
269 - American Holly	**22**	**2.64**
TOTAL BASAL AREA		5.39
BASAL AREA/ACRE		74.56

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Revisions

Number	Description	Date
1	CITY OF RALEIGH COMMENTS	5/5/23

Drawing Title
TREE CONSERVATION DETAILS

Sheet Number
TCA-2

Date Issued 12/09/2022