Raleigh

Administrative Site Review Application

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

This form is required when submitting site plans as referenced in Unified Development Ordinance (UDO) Section 10.2.8. Please check the appropriate building types and include the plan checklist document when submitting.

Office Use Only: Case #:

Planner (print):

Please review UDO Section 10.2.8. to determine the site plan tier. If assistance determining a Site Plan Tier is needed a Site Plan Tier Verification request can be submitted online via the <u>Permit and Development Portal</u>. (Note: There is a fee for this verification service.)

Site Plan Tier: Tier Two Site Plan Tier Three Site Plan		
Building and Development Ty (Check all that apply)	pe Site Transaction History	
□ Detached □ General □ Attached □ Mixed use □ Townhouse ✓ Civic □ Apartment □ Cottage Cou □ Tiny house □ Frequent Trans □ Open lot □ Prequent Trans	ansit Design Alternate #	
	GENERAL INFORMATION	
Development name: NC Troopers Associ Inside City limits? Yes ✓ No Property address(es): 3405 Garner Rd, R		
Site P.I.N.(s): 1712-02-7194	Source (iii) 1000d Programs Intel (iii) 12,080	
Removal of a single family residence. Construction of the North Carolina Stat	e Troopers Association Museum.	
Current Property Owner(s): North Carolin	na Troopers Association Inc.	
Company:	Title:	
Address: PO Box 840, Smithfield NC 27	577	
Phone #:	Email: trooperh340@yahoo.com	
Applicant Name (If different from owner. S	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 age	OTE: please attach purchase agreement or contract, lease or easement whe		
Developer Contact: Thomas Plan	nt	dministrative Site Review App	
Company: Metcon Inc	STS ON SHORE IN SHORE	Title: Vice President, LEED-AP	
Address: 3050 Hammond Busine	ess Place		
Phone #: 919-810-3035 Email: TF		Plant@metconus.com	
Applicant Name:	CHARLINGSOD ABLC BY	en en energia sestá listativos avéndesidos autorenos asecura tera	
Company:	Address:		
Phone #: 919-810-3035	Email:	Email:	

DEVELOPMENT TYPE + SITE DATE TABLE (Applicable to all developments)		
SITE DATA	BUILDING DATA	
Zoning district(s) (please provide the acreage of each): R-10 \ensuremath{R}	Existing gross floor area (not to be demolished):	
Gross site acreage: 3.44 ac	Existing gross floor area to be demolished: 2,729 sf	
# of parking spaces proposed: 26	New gross floor area: 13,902 sf	
Max # parking permitted (7.1.2.C): No maximum	Total sf gross (to remain and new):	
Overlay District (if applicable): N/A	Proposed # of buildings: 1	
Existing use (UDO 6.1.4): Residential	Proposed # of stories for each: 3	
Proposed use (UDO 6.1.4): Civic (Museum)	Proposed # of basement levels (UDO 1.5.7.A.6) 0	

STORMWATER INFORMATION		
Imperious Area on Parcel(s): Existing (sf) <u>6068</u> Proposed total (sf) <u>41,382</u>	Impervious Area for Compliance (includes ROW): Existing (sf) <u>6,068</u> Proposed total (sf) <u>41,382</u>	

RESIDENTIAL & OVERNIGHT LODGING DEVELOPMENTS				
Total # of dwelling units:			Total # of hotel bedrooms:	
# of bedroom units: 1br	2br	3br	4br or more	
# of lots:		1 militainnin	Is your project a cottage court? OYes ONo	
			A frequent transit development? O Yes O No	

Continue to Applicant Signature Block on Page Three.

APPLICANT 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.

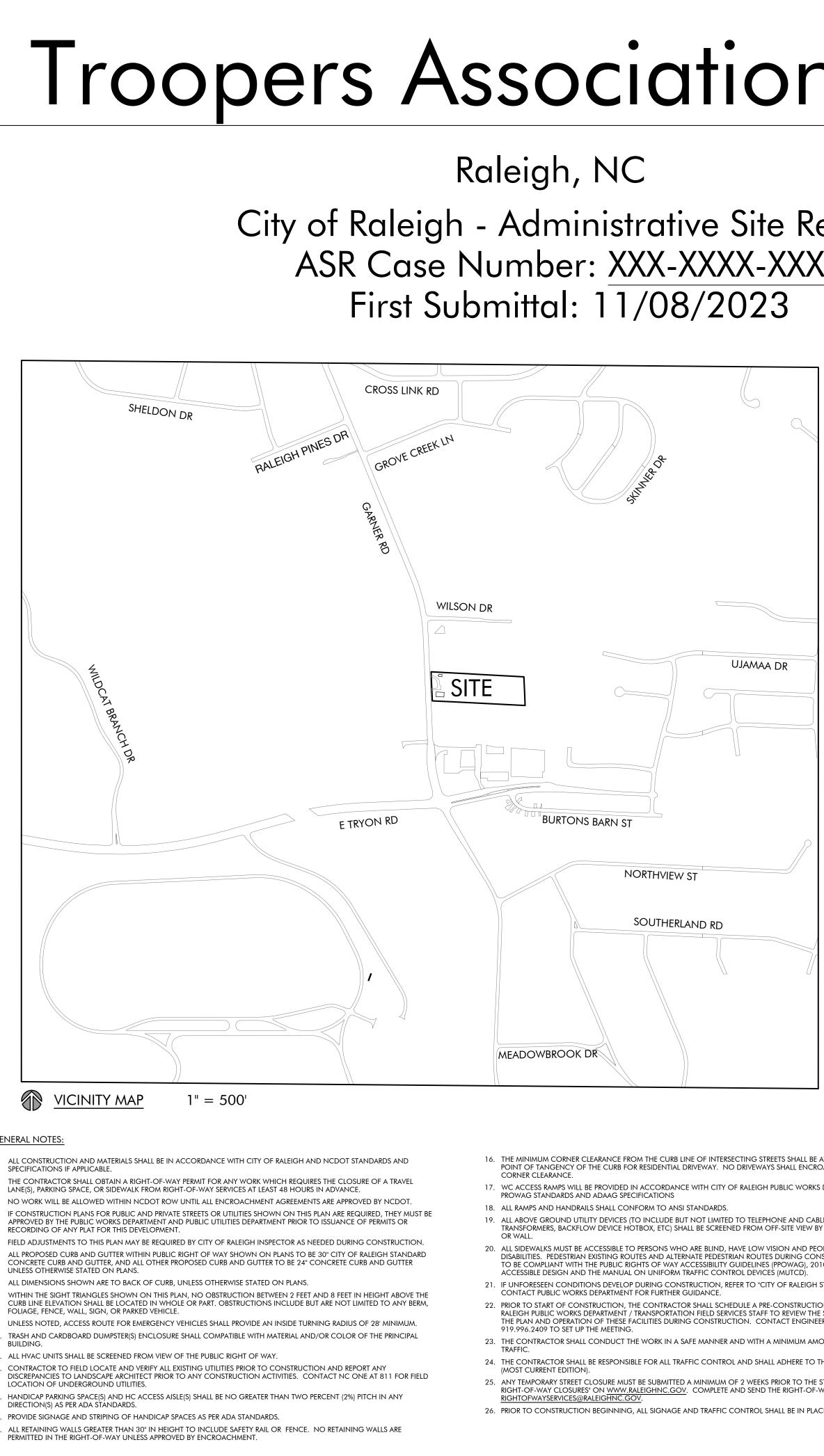
By submitting this application, the undersigned applicant acknowledges that they are either the property owner or one of the persons authorized by state law (N.C.G.S. 160D-403(a)) to make this application, as specified in the application. The undersigned also acknowledges that the information and statements made in the application are correct and the undersigned understands that developments 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.

Date: 10/10/23 Signature: iomin MKg/ Printed Name:

REVISION 1.23.23



APPLICANT SIGNATURE BLOCK		
Pursuant to state law (N.C. Gen. Stat, § 160D-403(a)), appliin the landowner, a lessee or person holding an option or contr of the landowner. An easement holder may also apply for de authorized by the easement.	act to purchase or lease land, or an authorized agent	
By submitting this application, the undersigned applicant ack one of the persons authorized by state law (N.C.G.S. 160D-/ application. The undersigned also acknowledges that the inf correct and the undersigned understands that developments statements or misrepresentations made in securing the deve 160D-403(f).	103(a)) to make this application, as specified in the ormation and statements made in the application are approvals are subject to revocation for false	
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Signature:	Date: 10/11/22	
Printed Name: Barris MKal		

Troopers Association - Museum

City of Raleigh - Administrative Site Review ASR Case Number: XXX-XXXX-XXXX

6.	THE MINIMUM CORNER CLEARANCE FROM THE CURB LINE OF INTERSECTING STREETS SHALL BE AT LEAST 20 FEET FROM THE POINT OF TANGENCY OF THE CURB FOR RESIDENTIAL DRIVEWAY. NO DRIVEWAYS SHALL ENCROACH ON THIS MINIMUM CORNER CLEARANCE.
7.	WC ACCESS RAMPS WILL BE PROVIDED IN ACCORDANCE WITH CITY OF RALEIGH PUBLIC WORKS DEPARTMENT STANDARDS, PROWAG STANDARDS AND ADAAG SPECIFICATIONS
8.	all ramps and handrails shall conform to ansi standards.
9.	ALL ABOVE GROUND UTILITY DEVICES (TO INCLUDE BUT NOT LIMITED TO TELEPHONE AND CABLE PEDESTALS, ELECTRICAL TRANSFORMERS, BACKFLOW DEVICE HOTBOX, ETC) SHALL BE SCREENED FROM OFF-SITE VIEW BY EVERGREEN SHRUBS, FENCE, OR WALL.
0.	ALL SIDEWALKS MUST BE ACCESSIBLE TO PERSONS WHO ARE BLIND, HAVE LOW VISION AND PEOPLE WITH MOBILITY DISABILITIES. PEDESTRIAN EXISTING ROUTES AND ALTERNATE PEDESTRIAN ROUTES DURING CONSTRUCTION WILL BE REQUIRED TO BE COMPLIANT WITH THE PUBLIC RIGHTS OF WAY ACCESSIBILITY GUIDELINES (PPOWAG), 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
1.	IF UNFORESEEN CONDITIONS DEVELOP DURING CONSTRUCTION, REFER TO "CITY OF RALEIGH STREET DESIGN MANUAL" AND CONTACT PUBLIC WORKS DEPARTMENT FOR FURTHER GUIDANCE.
2.	PRIOR TO START OF CONSTRUCTION, THE CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE CITY OF RALEIGH PUBLIC WORKS DEPARTMENT / TRANSPORTATION FIELD SERVICES STAFF TO REVIEW THE SPECIFIC COMPONENTS OF THE PLAN AND OPERATION OF THESE FACILITIES DURING CONSTRUCTION. CONTACT ENGINEERING INSPECTIONS AT 919.996.2409 TO SET UP THE MEETING.
3.	THE CONTRACTOR SHALL CONDUCT THE WORK IN A SAFE MANNER AND WITH A MINIMUM AMOUNT OF INCONVENIENCE TO TRAFFIC.
4.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL AND SHALL ADHERE TO THE PROVISIONS OF THE MUTCD (MOST CURRENT EDITION).
5.	ANY TEMPORARY STREET CLOSURE MUST BE SUBMITTED A MINIMUM OF 2 WEEKS PRIOR TO THE START OF WORK. SEE " RIGHT-OF-WAY CLOSURES" ON <u>WWW.RALEIGHNC.GOV</u> . COMPLETE AND SEND THE RIGHT-OF-WAY OBSTRUCTION PERMIT TO <u>RIGHTOFWAYSERVICES@RALEIGHNC.GOV</u> .
6.	PRIOR TO CONSTRUCTION BEGINNING, ALL SIGNAGE AND TRAFFIC CONTROL SHALL BE IN PLACE

S	T	Έ	DA	ΓA

TAX PARCEL ID #:

SITE AREA: **ROW DEDICATION:** NET SITE AREA:

EXISTING ZONING: EXISTING LAND USE PROPOSED USE:

R-10

BUILDING GFA:

DEVELOPMENT SUMMARY

LOT DIMENSIONS

LOT AREA: STRUCTURE SETBACKS

> PRIMARY STREET SETBACK SIDE STREET SETBACK: SIDE LOT LINE SETBACK: REAR LOT LINE SETBACK:

PARKING SETBACKS

PRIMARY STREET SETBACK SIDE STREET SETBACK: SIDE/REAR LOT LINE SETBACK

TRANSITIONAL BUFFER YARDS A-1 BUFFER YARD: A-2 BUFFER YARD:

TREE CONSERVATION AREA

REQUIRED TCA: PROVIDED TCA:

BUILDING HEIGHT

PRINCIPLE BUILDING: BUILDING HEIGHT:

ACCESSORY STRUCTURE:

PARKING

VEHICULAR PARKING: REQUIRED: PROPOSED:

PROPOSED:

BICYCLE PARKING: REQUIRED:

SHEET INDEX

Sheet Number
C-1.0
C-2.1
C-3.0
C-3.1
C-4.0
C-5.1
C-6.0
C-8.0
C-8.1
C-8.2
C-9.0
LS-1.0
LS-2.0

1712-02-7194-00

3.44 AC (149,846 SF) 0.06 AC (2,678 SF) 3.38 AC (147,168 SF)

SINGLE FAMILY RESIDENCE MUSEUM (CIVIC) EQUIPPED WITH NINE (9) OVERNIGHT ROOMS FOR ON-DUTY TROOPERS

13,902 SF

3.38 AC (147,168 SF)

10' MIN. 10' MIN. 10' MIN. 20' MIN.

10' MIN. 10' MIN. 6' MIN.

6' MIN. 10' MIN.

0.338 AC (10.0 %) 0.477 AC (14.1 %)

45' MAX 40' 26' MAX

N/A (NO MAX) 26 SPACES (24 STANDARD & 2 ADA) N/A (NOT REQUIRED) 0 SPACES

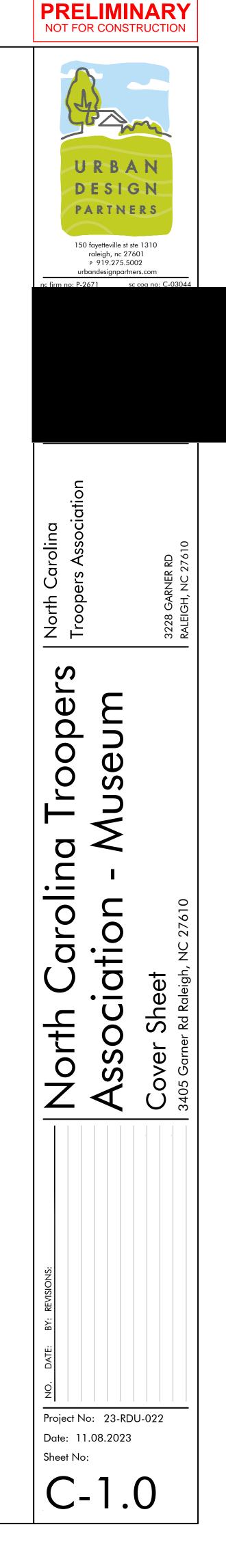
OWNER:	
	OLINA TROOPERS ASSOCIATION
CONTACT:	BEN KRAL
ADDRESS:	3228 GARNER RD
	RALEIGH, NC 27610
PHONE:	919-615-3242
DEVELOPER	<u>.</u>
METCON, II	NC.
CONTACT:	THOMAS PLANT
ADDRESS:	3050 HAMMOND BUSINESS PLACE
	SUITE 121
	RALEIGH, NC 27603
PHONE:	919-810-3035
	<u>NEER</u>
URBAN DES	IGN PARTNERS PLLC
CONTACT:	DANIELLE HAMMOND, PE
ADDRESS:	150 FAYETTEVILLE ST.
	SUITE 1310
	RALEIGH, NC 27601
PHONE:	919-275-5002
LANDSCAPE	ARCHITECT:
URBAN DES	IGN PARTNERS PLLC
CONTACT:	BRIAN RICHARDS, PLA
ADDRESS:	150 FAYETTEVILLE ST.
	SUITE 1310
	RALEIGH, NC 27601
PHONE:	919-275-5002
ARCHITECT	
SFL+A	
CONTACT:	BARRY BUCKMAN, AIA, GGP
ADDRESS:	333 FAYETTEVILLE ST, STE 225
	RALEIGH, NC 27601
PHONE:	919-573-6350
SURVEYOR:	
TRIANGLE S	URVEYORS, INC.
CONTACT:	JEFF STICKLEY, PLS
ADDRESS:	3715 UNIVERSITY DRIVE,
	DURHAM, NC 27707
PHONE:	919-490-2929
ARBORIST:	
FORESTRY S	ERVICES INC.
CONTACT:	MIKE PERRY, RF, ACF, R
	108 TULLIALLAN LN,
ADDRESS:	TUO TULLIALLAIN LIN,

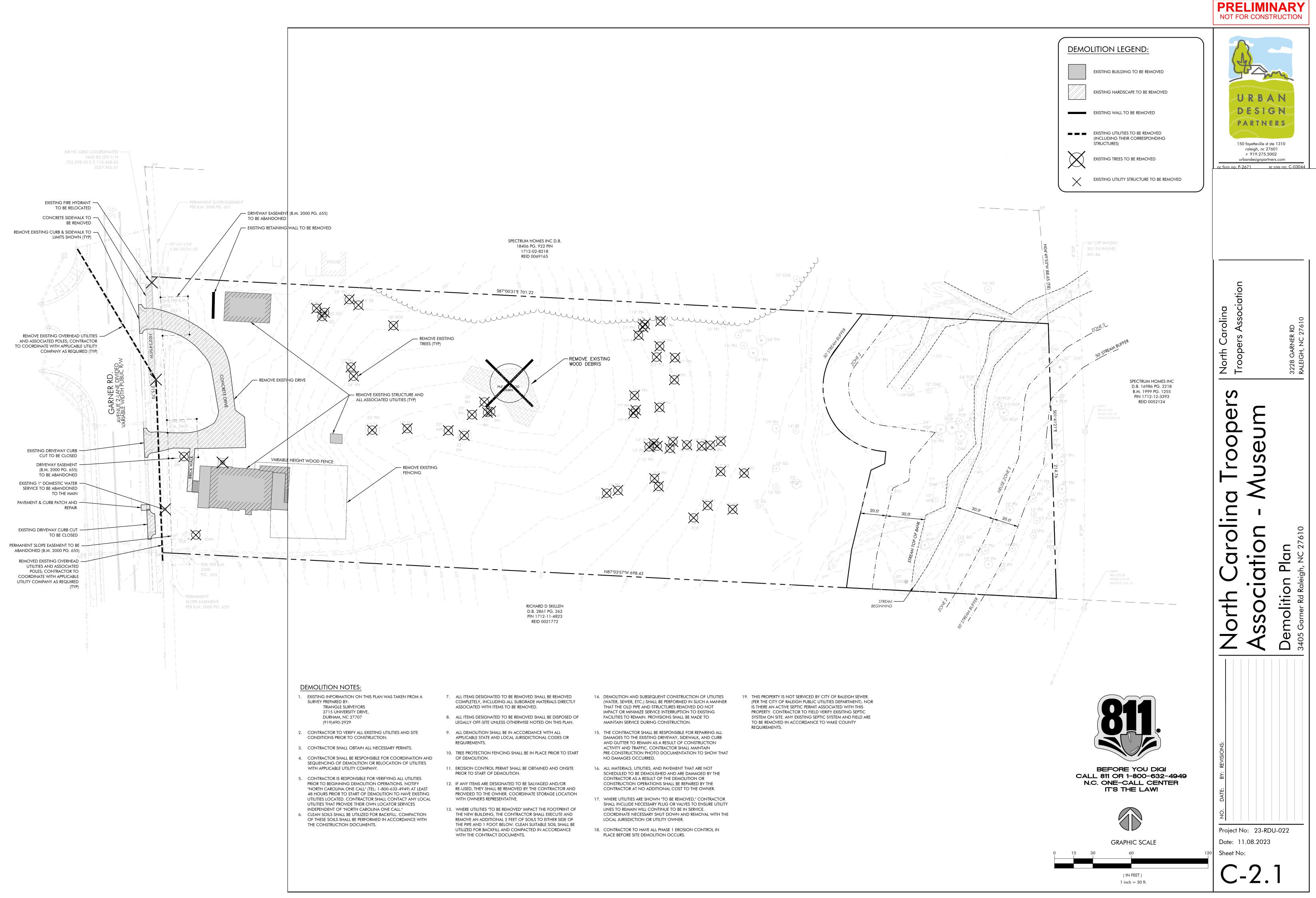
CARY, NC 27511

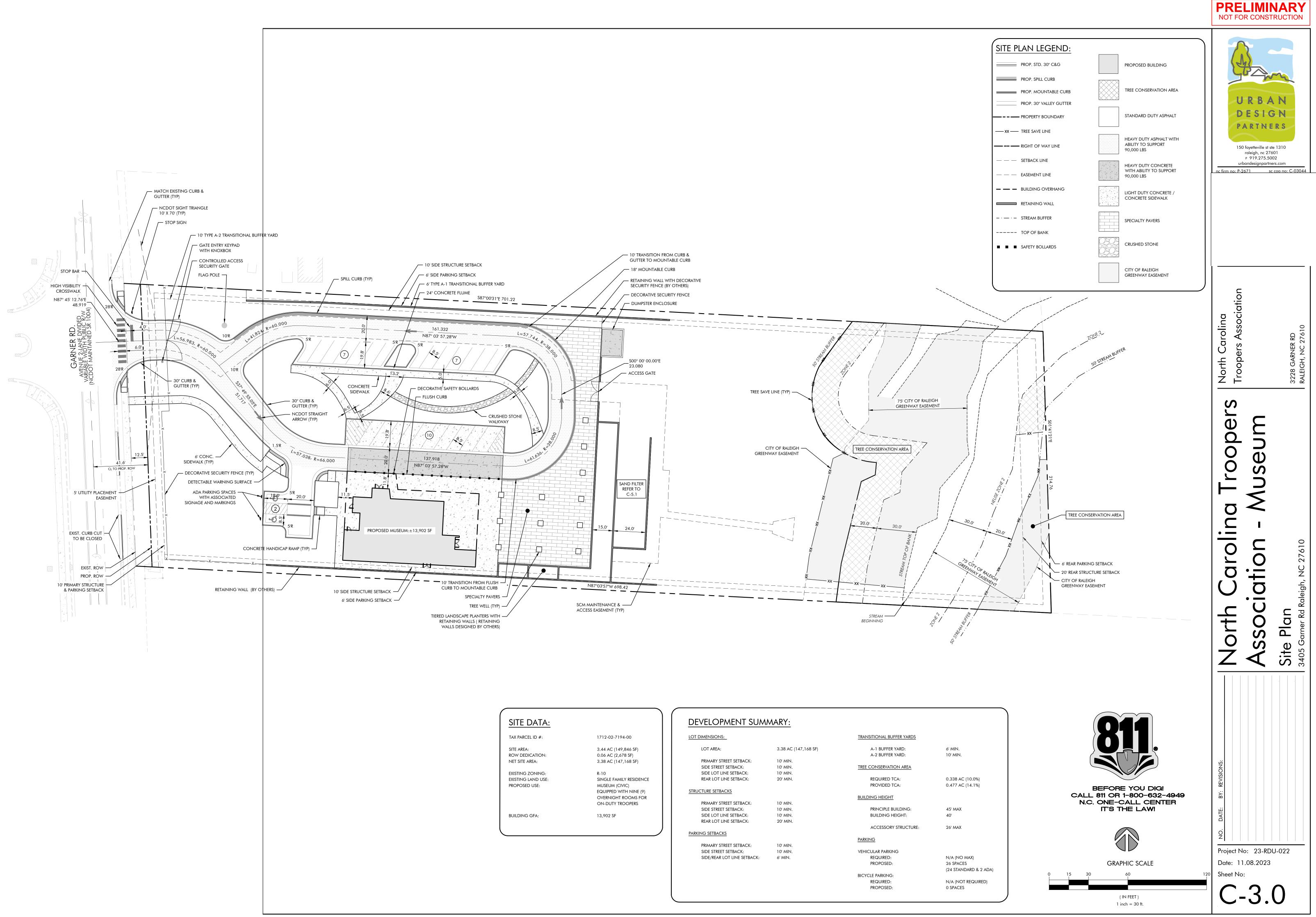
Revision Date:

PHONE 919-352-2183

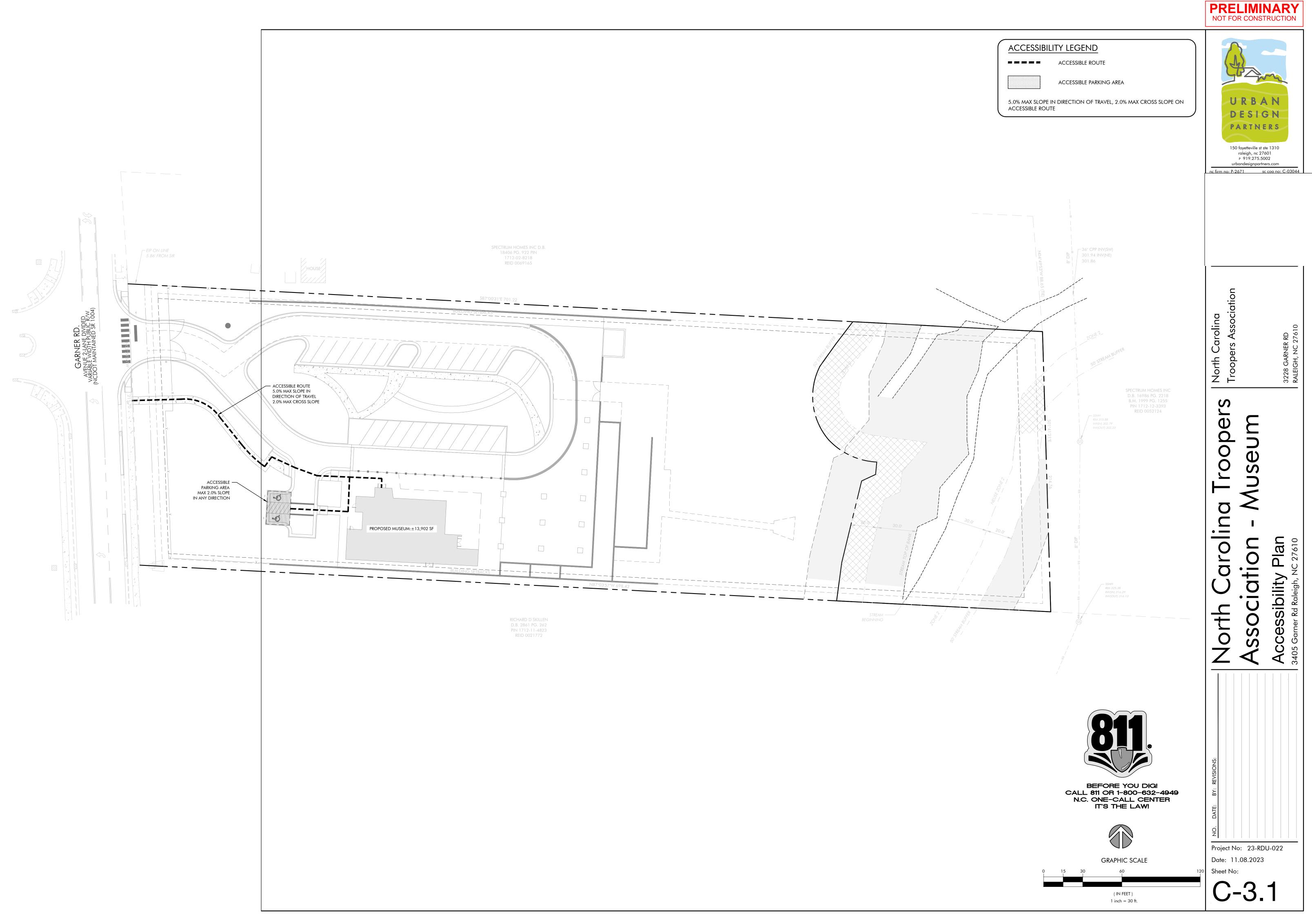
Sheet Title Original Date: Cover Sheet 11/08/2023 Demolition Plan 11/08/2023 Site Plan 11/08/2023 Accessibility Plan 11/08/2023 Grading & Storm Drainage Plan 11/08/2023 SCM Plan & Details 11/08/2023 Utility Plan 11/08/2023 Site Specifications & Details 11/08/2023 Site Specifications & Details 11/08/2023 Site Specifications & Details 11/08/2023 Emergency Vehicle Access 11/08/2023 Landscape Plan 11/08/2023 Landscape Details 11/08/2023 Architectural Elevations 11/08/2023 Architectural Floor Plan Levels 1 & 2 11/08/2023 Architectural Floor Plan - Level 3 & Roof 11/08/2023 Photometric Plan 11/08/2023

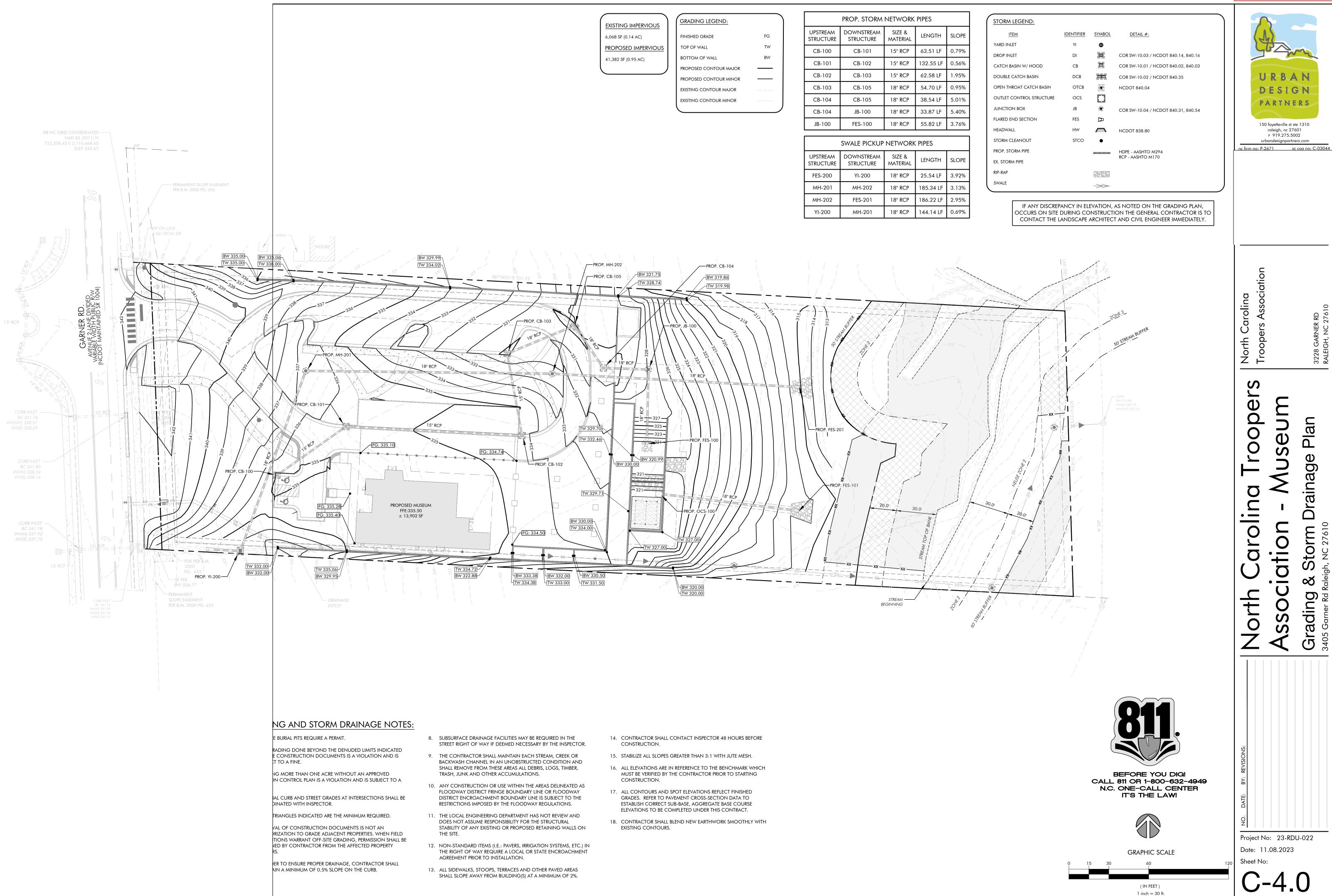




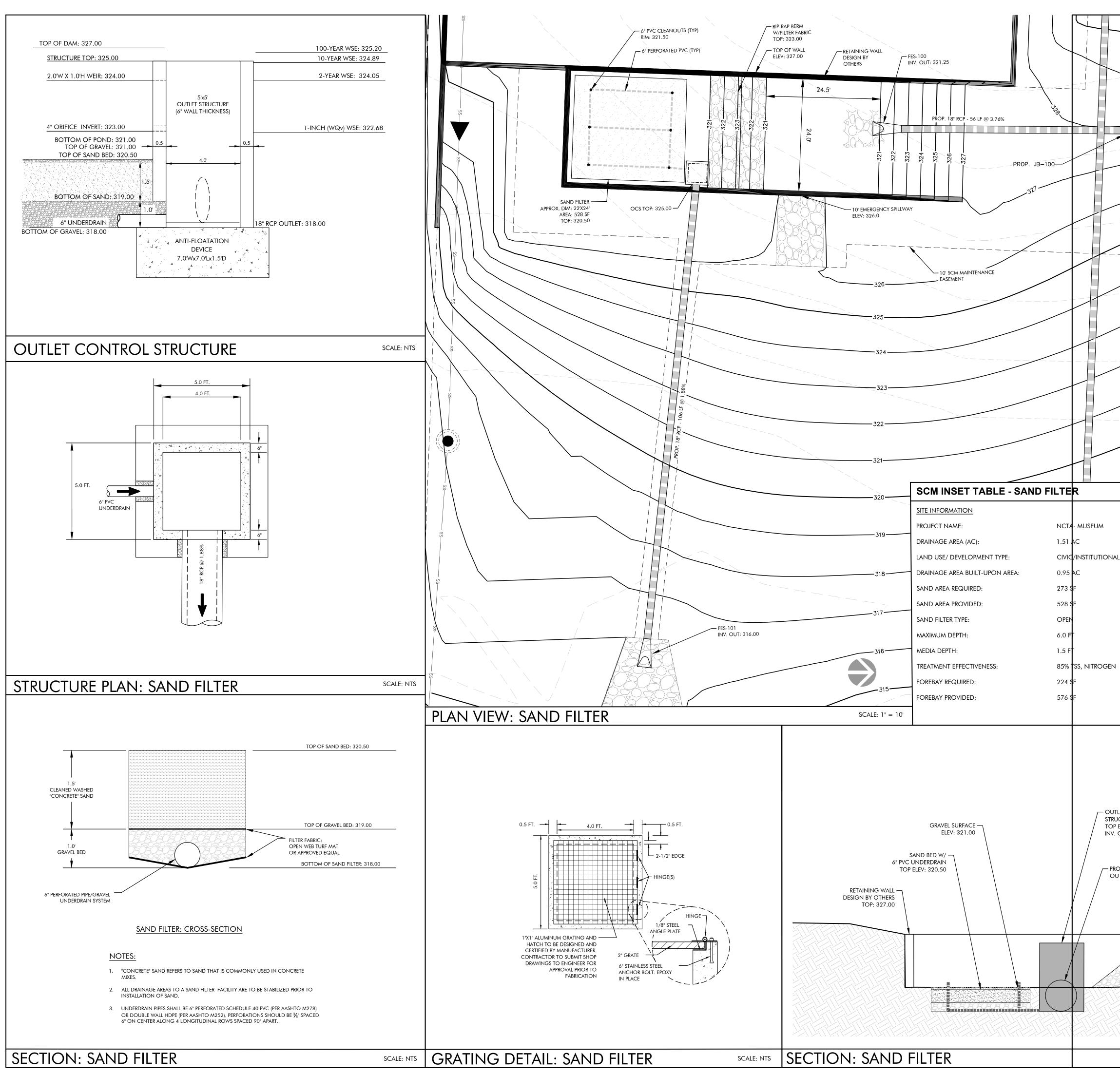


D #:	1712-02-7194-00	LOT DIMENSIONS:		TRANSITIONAL BUFFER YARDS
	3.44 AC (149,846 SF)	LOT AREA:	3.38 AC (147,168 SF)	A-1 BUFFER YARD:
ATION:	0.06 AC (2,678 SF)			A-2 BUFFER YARD:
A:	3.38 AC (147,168 SF)	PRIMARY STREET SETBACK:	10' MIN.	
		SIDE STREET SETBACK:	10' MIN.	TREE CONSERVATION AREA
NING:	R-10	SIDE LOT LINE SETBACK:	10' MIN.	
ND USE:	SINGLE FAMILY RESIDENCE	REAR LOT LINE SETBACK:	20' MIN.	REQUIRED TCA:
ISE:	MUSEUM (CIVIC)			PROVIDED TCA:
	EQUIPPED WITH NINE (9)	STRUCTURE SETBACKS		
	OVERNIGHT ROOMS FOR			BUILDING HEIGHT
	ON-DUTY TROOPERS	PRIMARY STREET SETBACK:	10' MIN.	
		SIDE STREET SETBACK:	10' MIN.	PRINCIPLE BUILDING:
FA:	13,902 SF	SIDE LOT LINE SETBACK:	10' MIN.	BUILDING HEIGHT:
		REAR LOT LINE SETBACK:	20' MIN.	
)			ACCESSORY STRUCTURE:
		PARKING SETBACKS		
				PARKING
		PRIMARY STREET SETBACK:	10' MIN.	
		SIDE STREET SETBACK:	10' MIN.	VEHICULAR PARKING
		SIDE/REAR LOT LINE SETBACK:	6' MIN.	REQUIRED:
				PROPOSED:





PRELIMINARY NOT FOR CONSTRUCTION



SAND FILTER - OPERATION & MAINTENANCE

CONSTRUCTION NO RUNOFF SHOULD ENTER THE FILTERS SAND BED UNTIL THE UPSTREAM DRAINAGE AREA IS COMPLETELY STABILIZED AND SITE CONSTRUCTION IS COMPLETED. ANY DISTURBED AREAS WITHIN THE SAND FILTER FACILITY DRAINAGE AREA MUST BE IDENTIFIED AND STABILIZED. FILTRATION CONTROLS MUST ONLY BE CONSTRUCTED AFTER THE CONSTRUCTION SITE IS STABILIZED.

MAINTENANCE GUIDELINES

SAND FILTERS SHALL BE INSPECTED QUARTERLY AND WITHIN 24 HOURS AFTER EVERY STORM EVENT GREATER THAT 1.0-INCH. RECORDS OF OPERATION AND MAINTENANCE WILL BE KEPT IN A KNOWN SET LOCATION AND AVAILABLE UPON REQUEST.

TRASH AND DEBRIS SHOULD BE REMOVED AS NECESSARY. SEDIMENT SHOULD BE CLEANED OUT OF THE SEDIMENT CHAMBER WHEN IT ACCUMULATES TO A DEPTH OF MORE THAN 6 INCHES.

WHEN THE FILTERING CAPACITY OF THE FILTER DIMINISHES SUBSTANTIALLY (E.G. WHEN WATER PONDS ON THE SURFACE OF THE FILTER BED FOR MORE THAN 24 HOURS), THE UNDERLYING 3-INCHES OF FILTER MATERIAL SHOULD BE REMOVED AND REPLACED WITH FRESH MATERIAL. THE REMOVED SEDIMENTS SHOULD BE TESTED AND DISPOSED OF IN AN ACCEPTABLE MANNER (E.G. LANDFILL). SILT/SEDIMENT SHOULD BE REMOVED FROM THE FILTER BED WHEN THE ACCUMULATION EXCEEDS 1-INCH.

THE SAND MEDIA SHALL BE SKIMMED AT LEAST ONCE A YEAR.

VEGETATION WITHIN THE SEDIMENTATION CHAMBER SHOULD BE REMOVED, PREFERABLY BY HAND. PESTICIDES SHOULD BE WIPED ON PLANTS RATHER THAN SPRAYING.

DIRECT MAINTENANCE ACCESS SHOULD BE PROVIDED TO THE PRETREATMENT AREA AND THE FILTER BED.

STRUCTURE SHALL BE CAST IN PLACE CONCRETE. CHANGES TO CONSTRUCTION TYPE SHALL BE APPROVED BY THE CITY OF RALEIGH. A PROFESSIONAL ENGINEER SHALL CERTIFY CONSTRUCTION OF THE STRUCTURE UPON COMPLETION.

CONSTRUCTION SPECIFICATIONS

A. EARTHWORK

1. THE FOUNDATION AREA SHALL BE CLEARED OF TREES, LOGS, STUMPS, ROOTS, BOULDERS, SOD AND UNSUITABLE SOIL. IF NEEDED TO ESTABLISH VEGETATION, THE TOPSOIL SHALL BE STOCKPILED AND SPREAD ON THE COMPLETED DAM AND SPILLWAYS. THE FOUNDATION AREA SHALL BE THOROUGHLY SCARIFIED BEFORE PLACEMENT OF THE FILL MATERIAL.

2. EXISTING STREAM CHANNELS IN THE FOUNDATION AREA SHALL BE SLOPED NO STEEPER THAN A RATIO OF ONE HORIZONTAL TO ONE VERTICAL. THEY SHALL BE DEEPENED AND WIDENED AS NECESSARY TO REMOVE ALL STONES, GRAVEL, SAND, STUMPS, ROOTS, AND OTHER OBJECTIONABLE MATERIAL AND TO ACCOMMODATE COMPACTION EQUIPMENT. FOUNDATION AREAS SHALL BE KEPT FREE OF STANDING WATER WHEN FILL IS PLACED ON THEM. THE BORROW AREAS SHALL BE CLEARED OF STUMPS, ROOTS AND UNSUITABLE SOIL. THE WATER QUALITY BASIN SHALL BE CLEARED AND ALL STUMPS REMOVED.

3. BEFORE FILLING OPERATIONS BEGIN, THE SOILS ENGINEER WILL TAKE REPRESENTATIVE SAMPLES OF EACH PROPOSED FILL MATERIAL AND TEST THEM TO DETERMINE THE COMPACTION AND CLASSIFICATION CHARACTERISTICS (PROCTOR TEST). ONLY THOSE MATERIALS AS APPROVED BY THE SOILS ENGINEER WILL BE USED AS FILL ON THE DAM. GENERALLY SM OR SC CLASSIFICATION SOILS WILL BE ACCEPTABLE. COMPACTED EARTH FILLS SHALL BE CONSTRUCTED TO THE ELEVATIONS, LINES, GRADES AND CROSS SECTIONS INDICATED ON THE PLANS.

4. AFTER STRIPPING OF FOUNDATIONS AND REMOVAL OF WEAK OR UNSUITABLE MATERIALS HAS BEEN COMPLETED, AND BEFORE START OF MATERIAL PLACEMENT, COMPACTED EARTH SHALL BE USED TO FILL ALL STUMP HOLES, MINOR EXCAVATIONS AND DEPRESSIONS FOR CAVITIES INSIDE THE EARTH FILL LIMITS.

5. FILL SHALL BE PLACED IN HORIZONTAL LAYERS OF NOT MORE THAN (9") LOOSE DEPTH. AS SOON AS FEASIBLE AFTER STARTING CONSTRUCTION OF A FILL SLOPE THE CENTRAL PORTION THEREOF SHALL BE BUILT AND MAINTAINED SLIGHTLY HIGHER THAN THE SIDES TO ALLOW FREE DRAINAGE TO THE SIDE SLOPES.

6. EACH LAYER OF FILL SHALL BE COMPACTED BY ROLLING WITH COMPACTION EQUIPMENT WHICH IS BEST SUITED FOR THE TYPES OF SOIL ENCOUNTERED. FILL ADJACENT TO PIPE CONDUIT AND ANTISEEP COLLARS SHALL BE COMPACTED BY HAND. EACH LAYER OF FILL SHALL BE COMPACTED TO NOT LESS THAN 95% MAXIMUM DRY DENSITY (STANDARD PROCTOR) WITHIN 2% OF OPTIMUM MOISTURE CONTENT. WETTING OR DRYING OF THE MATERIAL AND MANIPULATION TO SECURE UNIFORM MOISTURE CONTENT THROUGHOUT EACH LAYER SHALL BE REQUIRED. DENSITY TESTS WILL BE PERFORMED AT A FREQUENCY AS SPECIFIED BY THE SOILS ENGINEER. AS A MINIMUM, TESTS WILL BE PERFORMED ON EVERY THIRD LIFT OR EVERY 1000 CUBIC YARDS WHICHEVER COMES FIRST. ALSO DENSITY TEST WILL BE PERFORMED WHENEVER FILL MATERIAL CHARACTERISTICS CHANGE.

B. OUTLET DEVICE

1. OUTLET DEVICE COMPONENTS ARE TO FABRICATED AS SHOWN ON THE PLANS.

2. CONTRACTOR TO SUBMIT DESIGNED SHOP DRAWINGS TO THE CIVIL ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION TO THE OUTLET DEVICE. SHOP DRAWINGS SHOULD INCLUDE PRECAST BOX DESIGN, TRASH RACK, GRATED COVER, ALUMINUM STEPS, AND ALL DRAIN/ORIFICE PIPING REQUIRED.

C. CONCRETE

1. ALL CONCRETE SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR READY MIXED CONCRETE, ASTM C 94. AN AIR-ENTRAINING ADMIXTURE SHALL BE ADDED. THE CONCRETE SHALL BE PROPORTIONED TO MEET THE FOLLOWING REQUIREMENTS:

- COMPRESSIVE STRENGTH: MINIMUM 3600 PSI
- WATER-CEMENT RATIO: 0.40 0.50 SLUMP: MINIMUM 3", MAXIMUM 5"
- AIR CONTENT: MINIMUM 5%, MAXIMUM 8% COARSE AGGREGATE: 1" - 1 1/2"

D. GRASSING

1. GRASS ALL AREAS DISTURBED BY CONSTRUCTION PER SPECIFICATION OF EROSION CONTROL DETAIL SHEET.

E. PLANTING

1. PLANTINGS ARE DESIGNED PER THE GUIDANCE OF THE HARP (HABITAT ASSESSMENT AND RESTORATION PROGRAM) MANUAL.

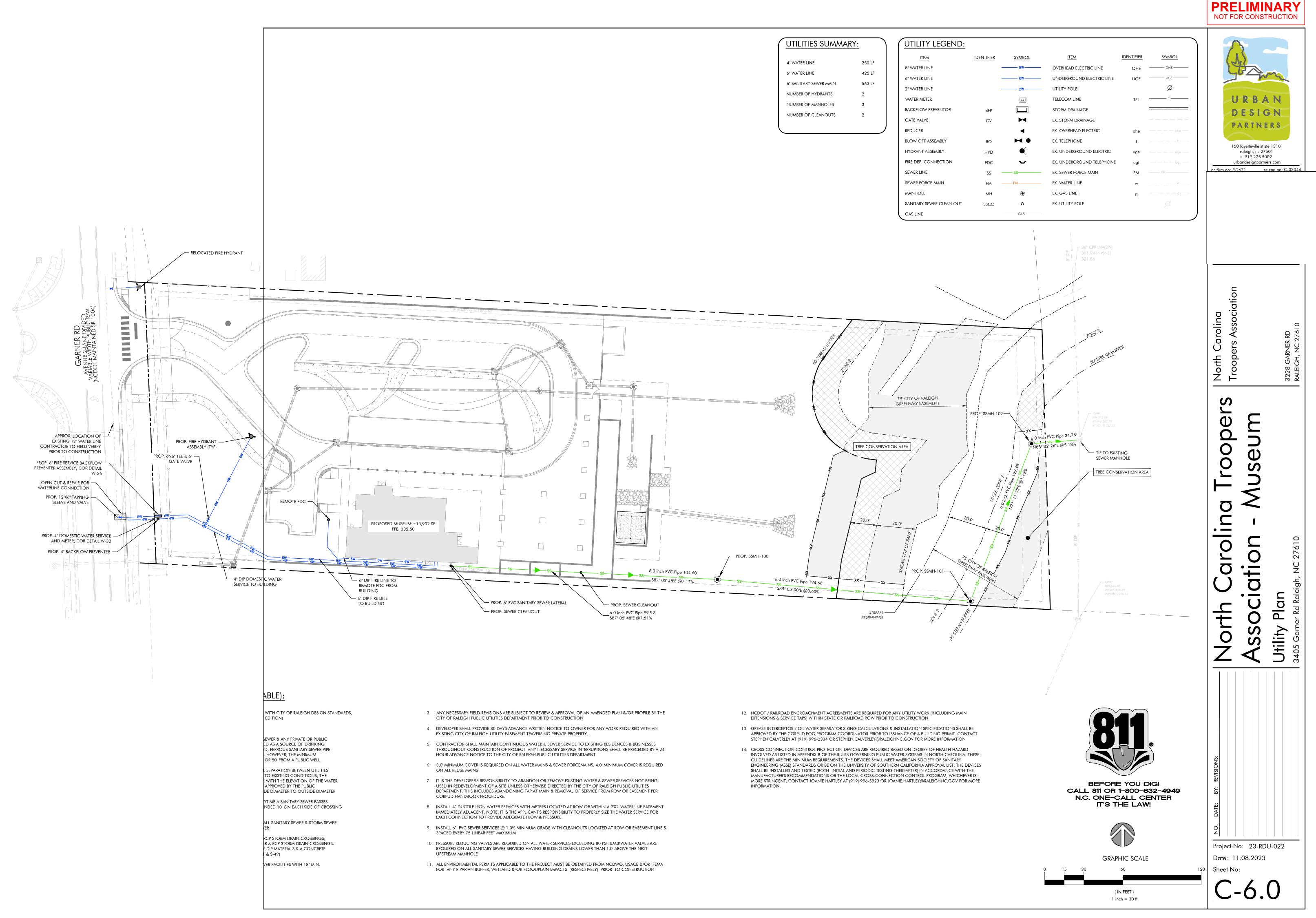
2. ADDITIONAL PLANTING INFORMATION CAN BE FOUND IN TABLE 2.2 OF THE NORTH CAROLINA BEST MANAGEMENT PRACTICES GUIDELINES.

LET CONTROL JCTURE (OCS-100) ELEV: 325.00 OUT: 318.00	2M W/ FILTER 90
	MERGENCY SPILLWAY 326.00

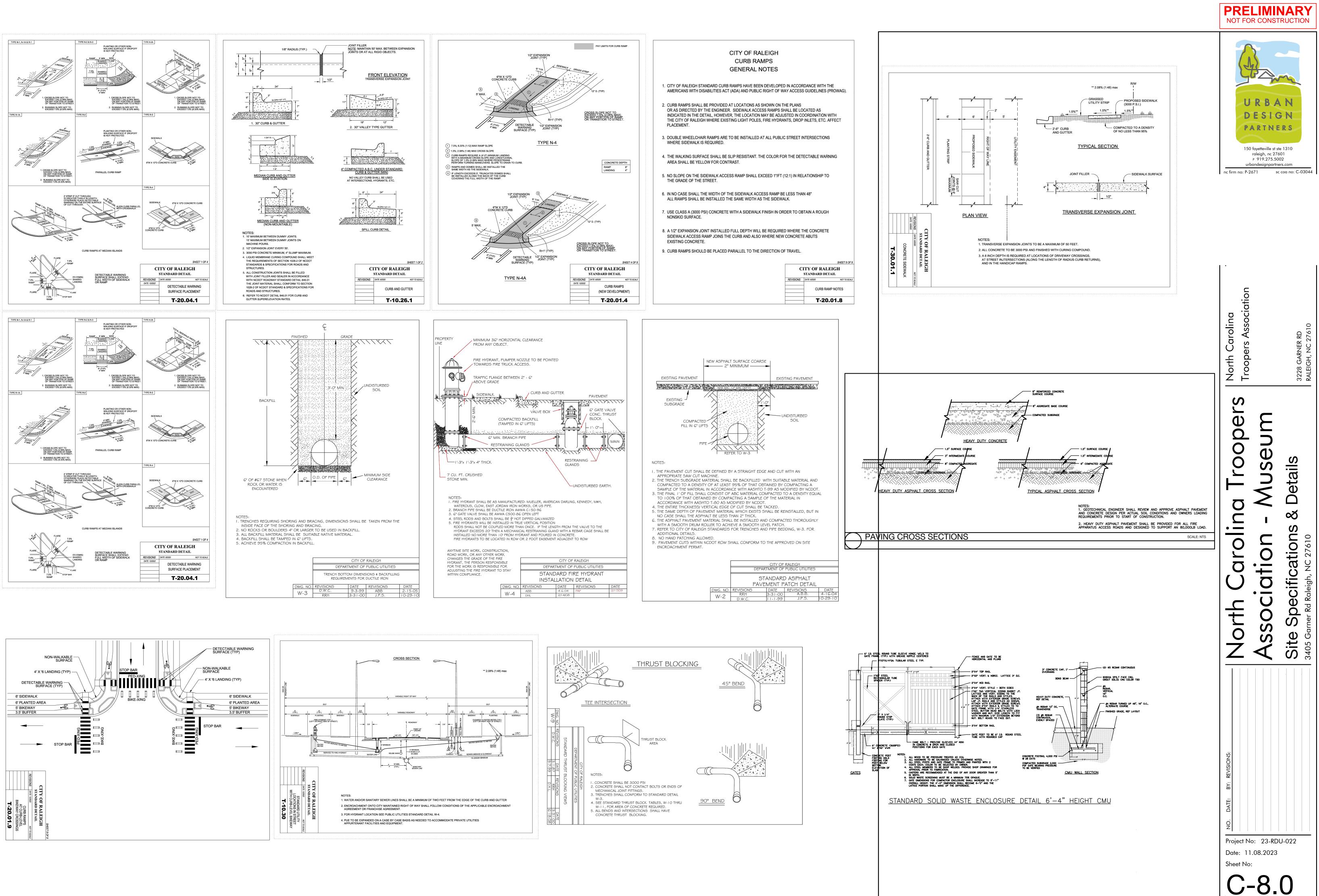


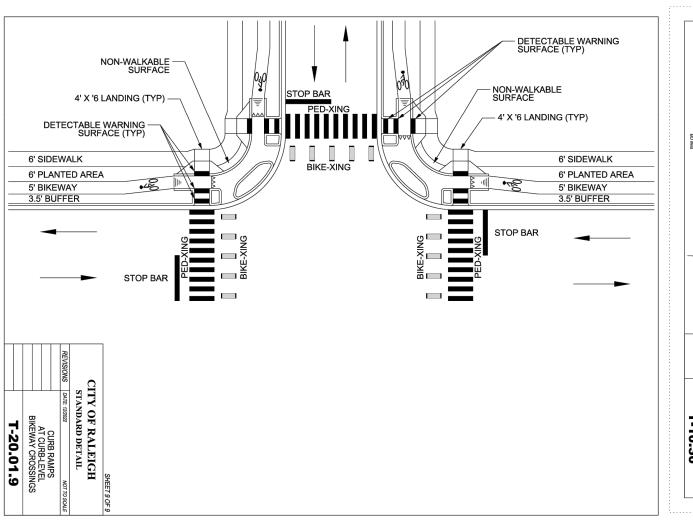
PRELIMINARY

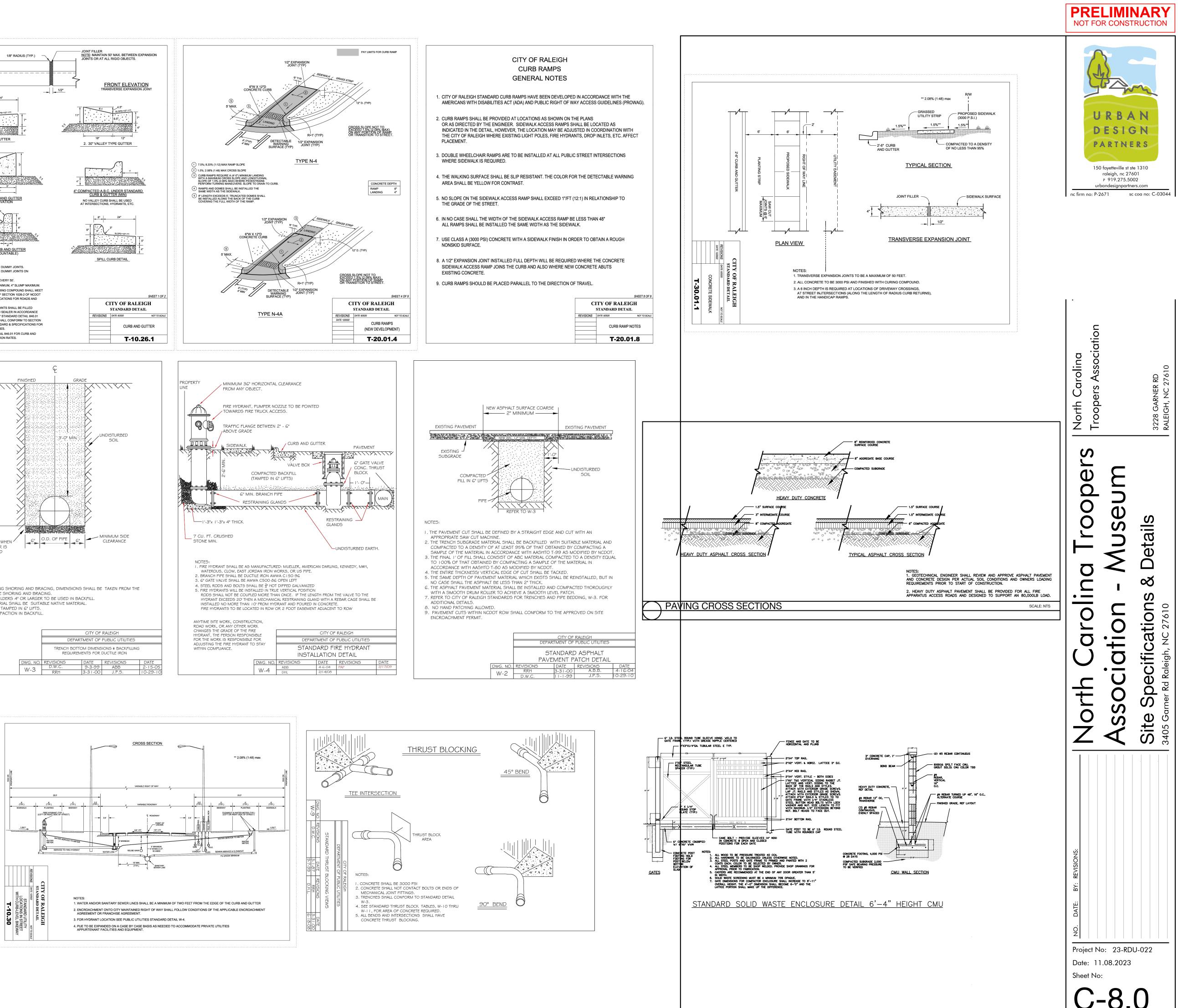
NES, GRAVEL, PMENT. AREAS SHALL L STUMPS OPOSED FILL OR TEST). Y SM OR SC TIONS, LINES, ETED, AND R LE AFTER D SLIGHTLY	North Carolina Troopers Association		3228 GARNER RD	RALEIGH, NC 27610
TED FOR THE ED BY HAND. TOR) WITHIN RE UNIFORM A FREQUENCY RY 1000 DNSTRUCTION VER, C 94. AN WING	North Carolina Troopers	Association - Museum	SCM Plan & Details	3405 Garner Rd Raleigh, NC 27610
SCALE: NTS	NO. DATE: BY: REVISIONS: broject N	0: 23-RD .08.2023		340

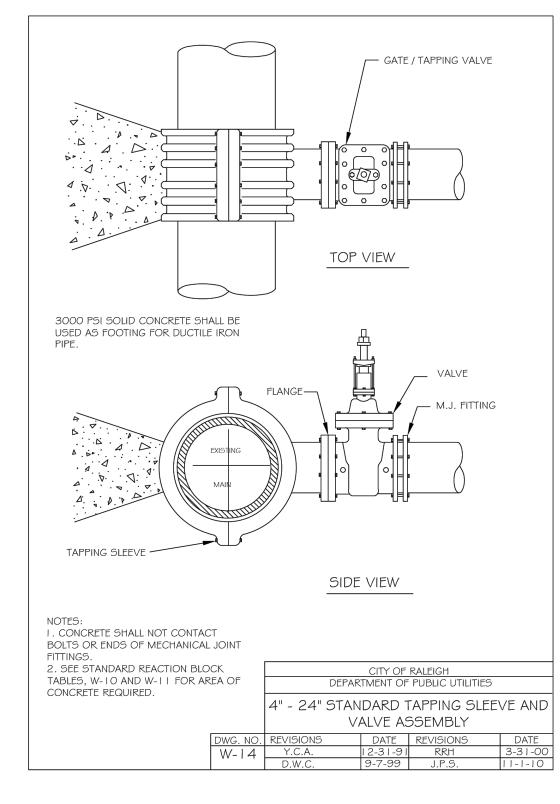


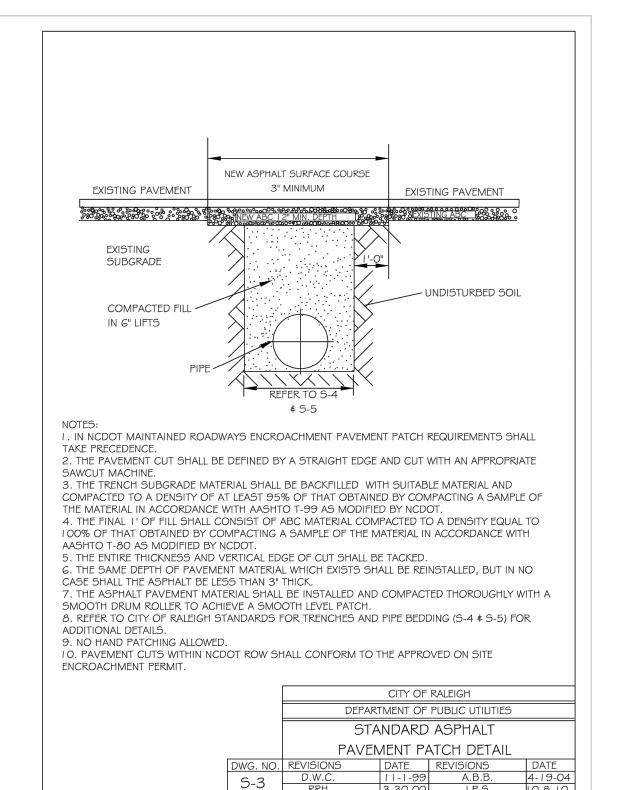
4" WATER LINE	250 LF
6" WATER LINE	425 LF
6" SANITARY SEWER MAIN	563 LF
NUMBER OF HYDRANTS	2
NUMBER OF MANHOLES	3
NUMBER OF CLEANOUTS	2

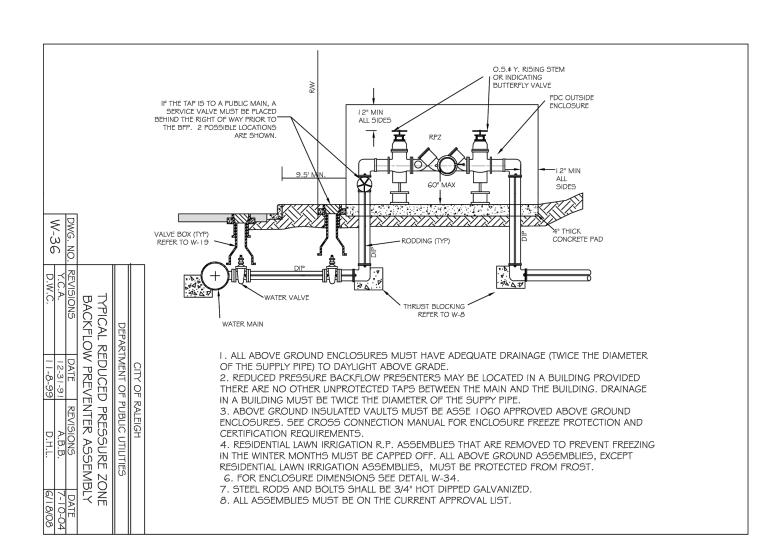


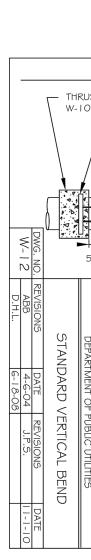












APPROVED METHOD FOR EXTENSION OF VALVE BOX

→ 9½" →

FINAL

COURSE

6 7/0 -0

7 5/8"-8 1/2"

10 1/4"-1

FINAL

BACKFILL

BACKFILL

6" #67 STONE

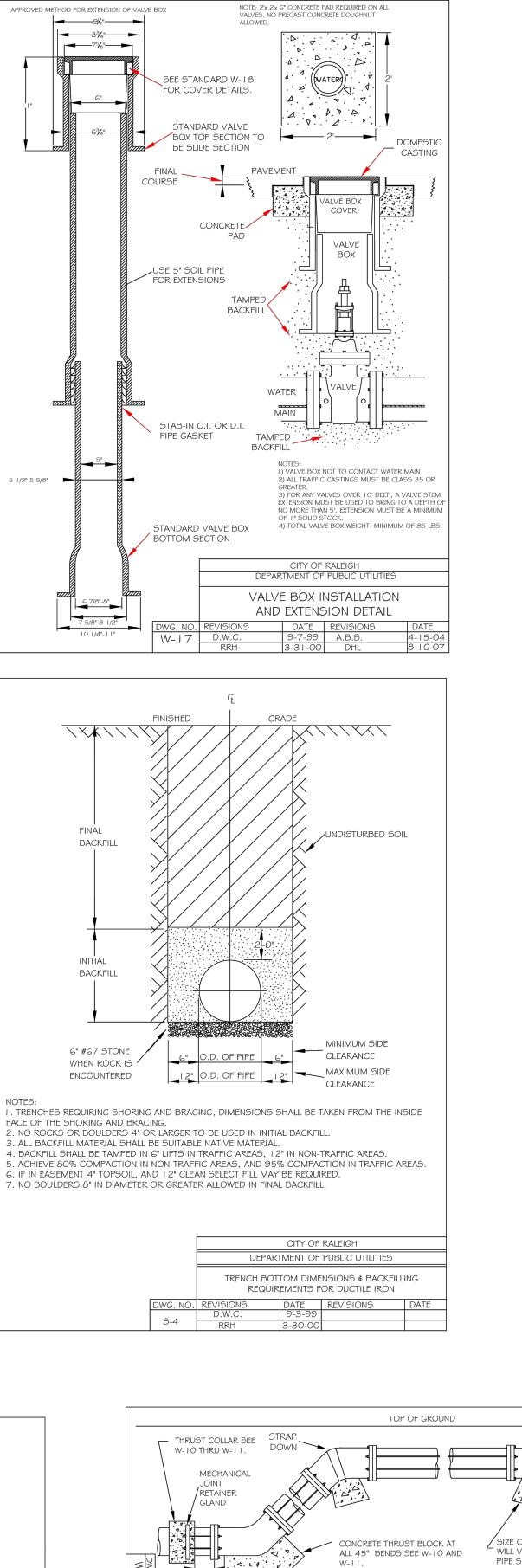
WHEN ROCK IS

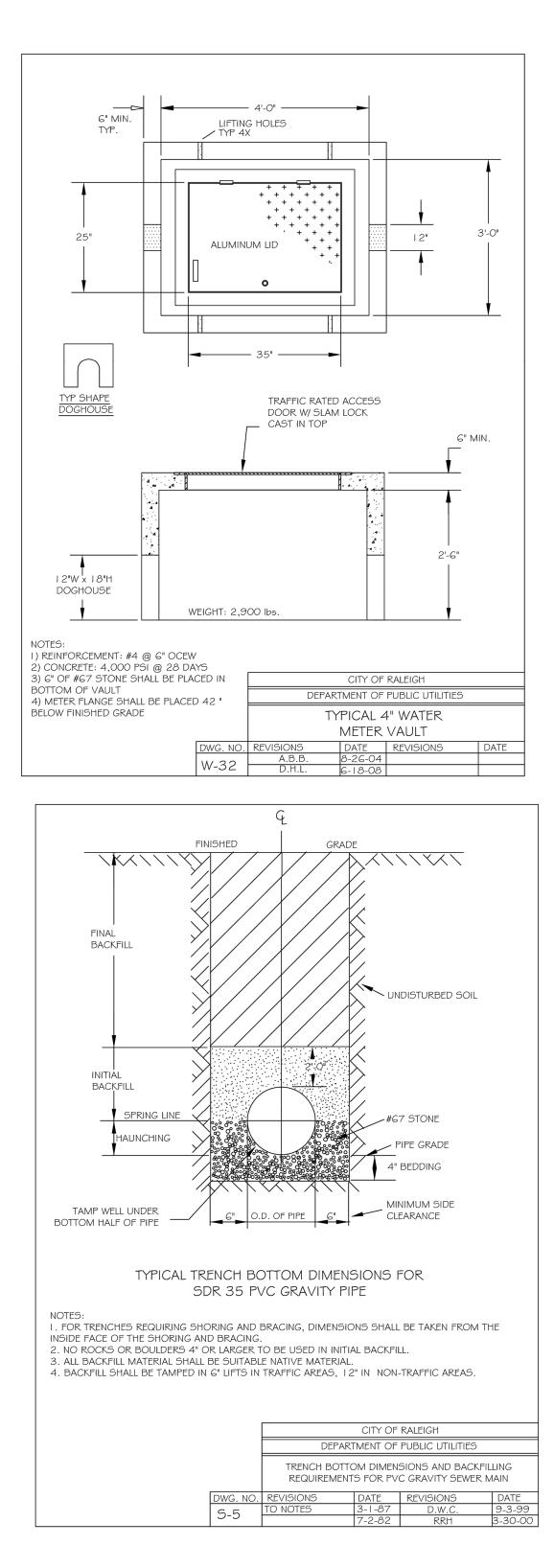
ENCOUNTERED

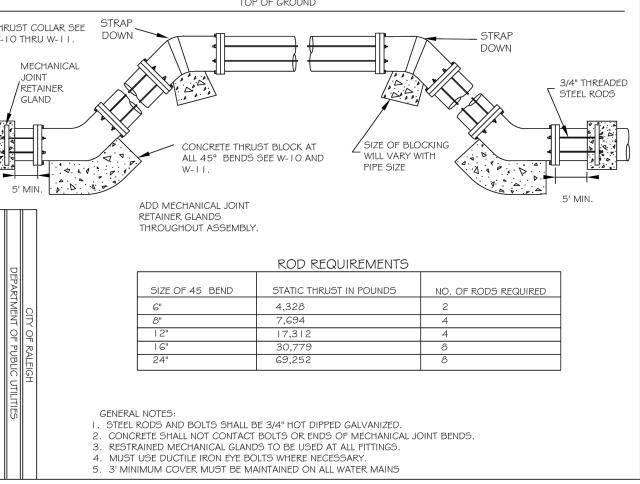
NOTES:

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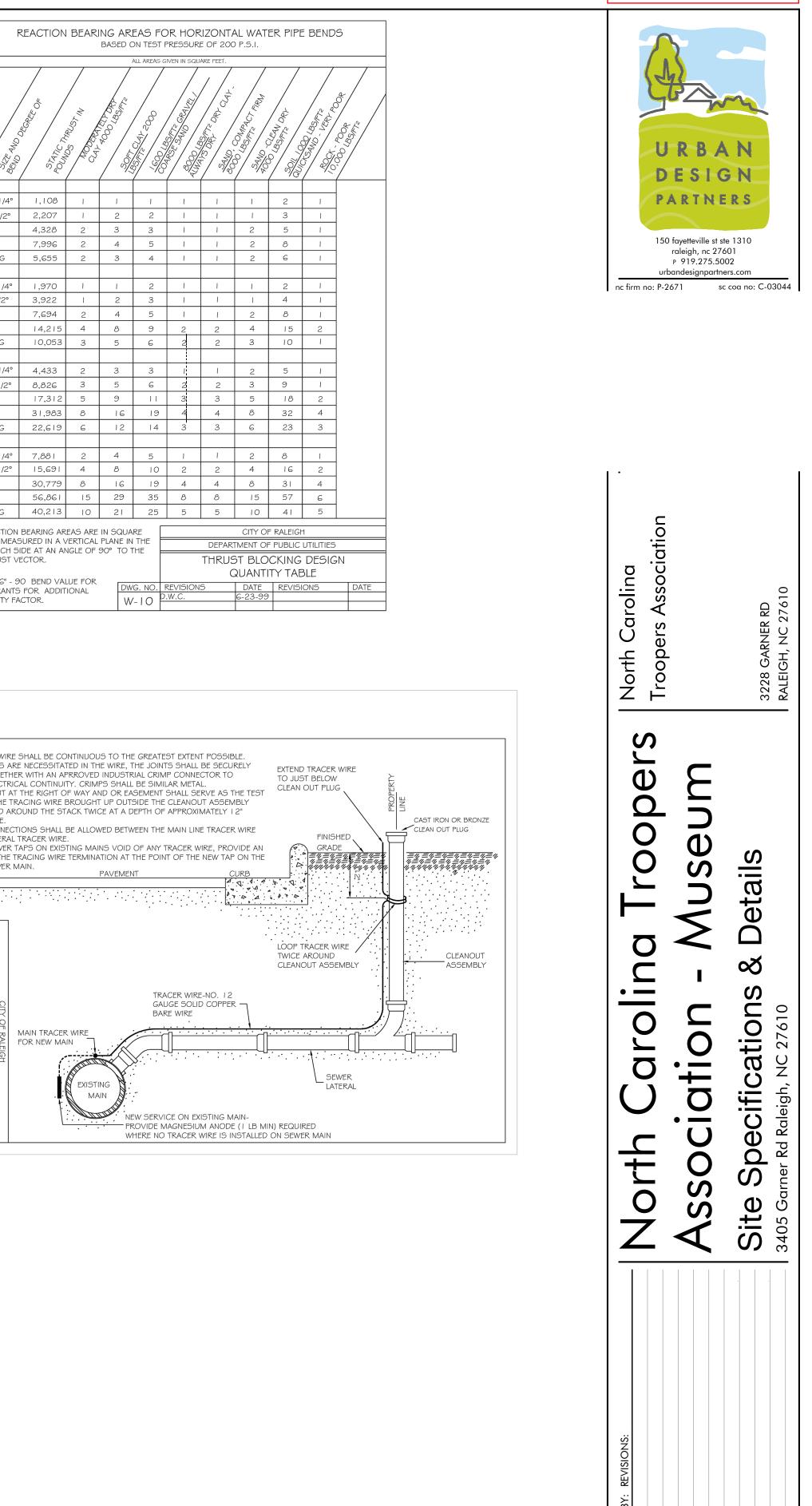
5 1/2"-5 5/8"







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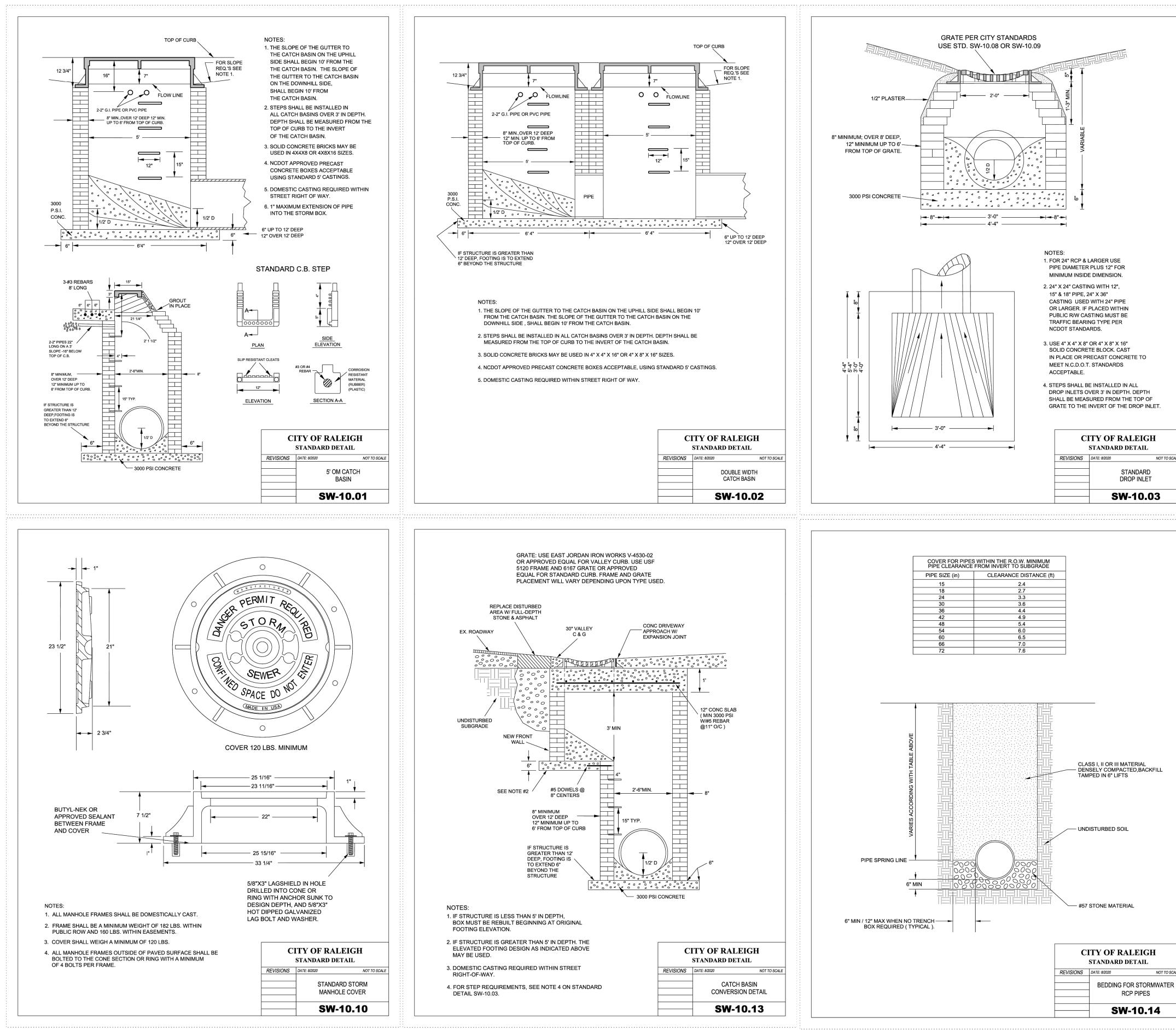


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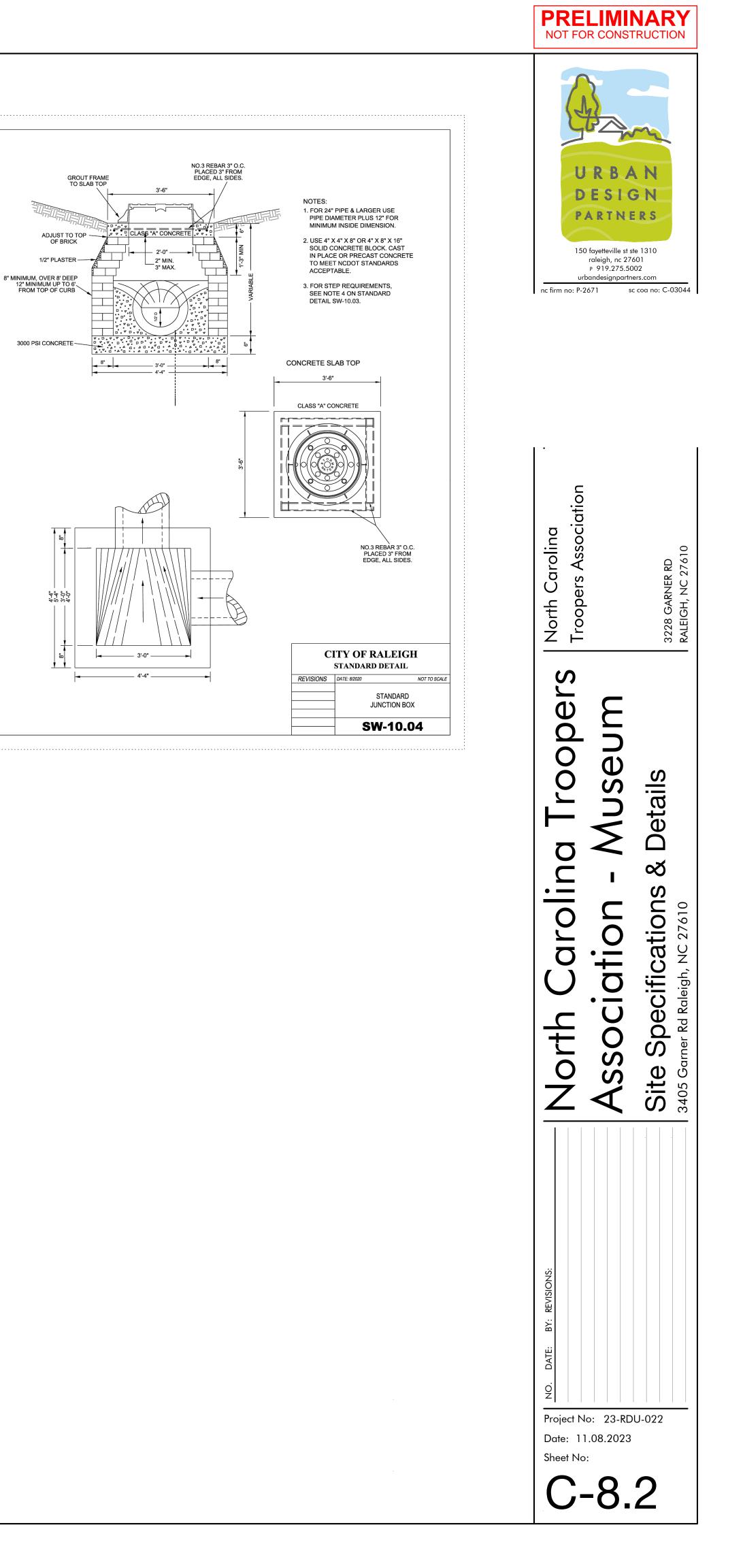
Project No: 23-RDU-022

Date: 11.08.2023

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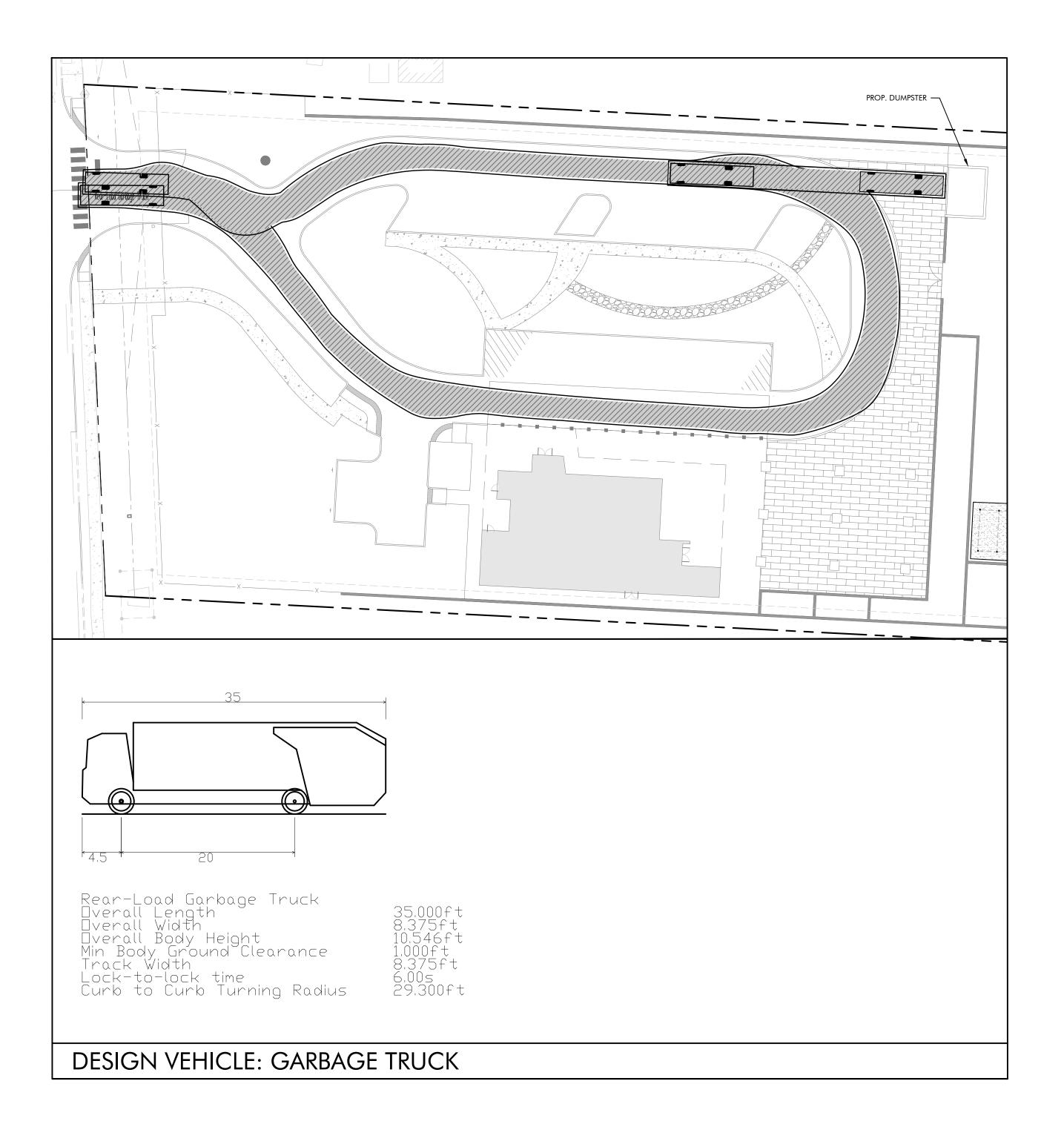


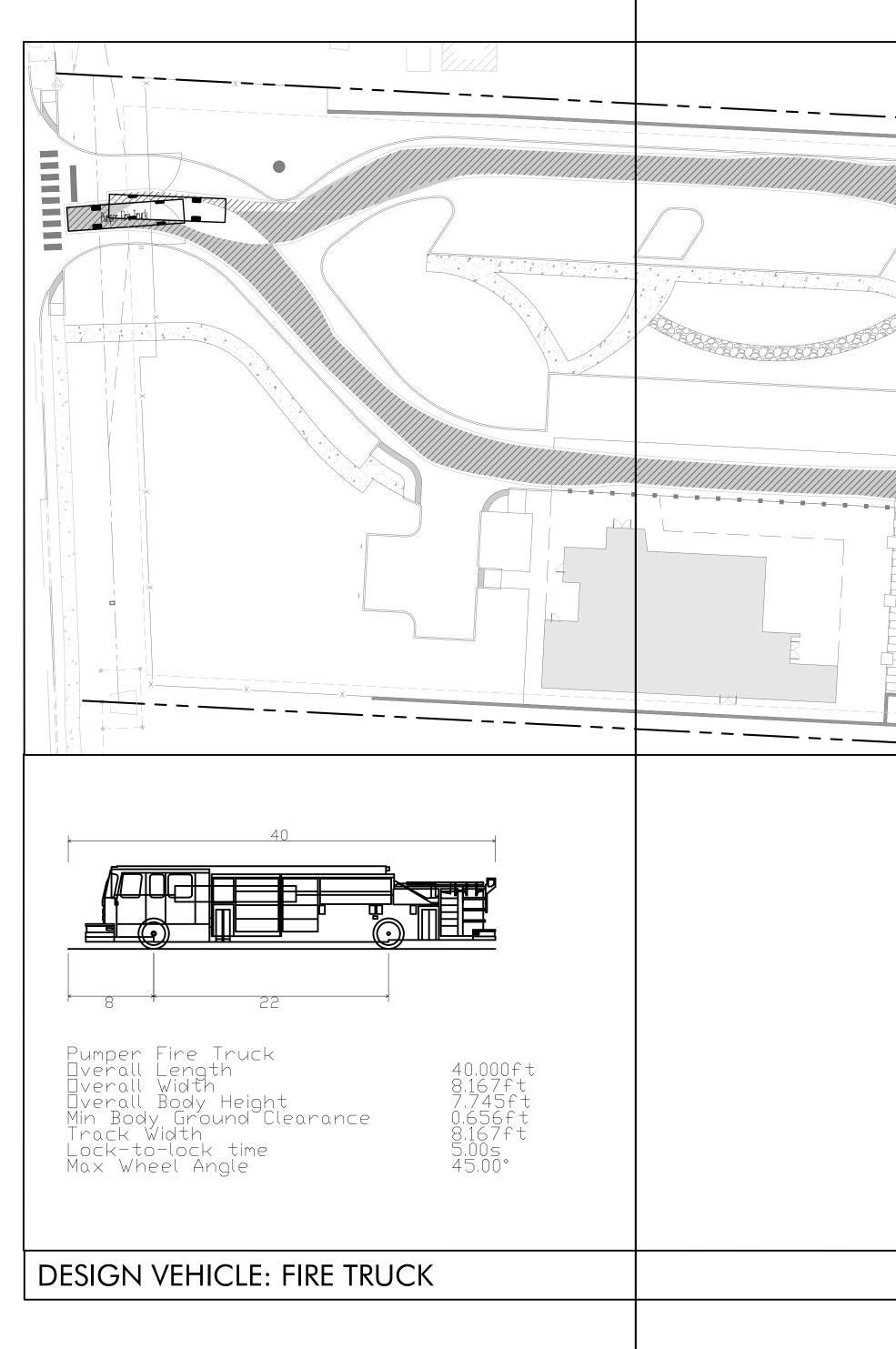
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GENERAL NOTES:

- (PER CITY OF RALEIGH FIRE PROTECTION)



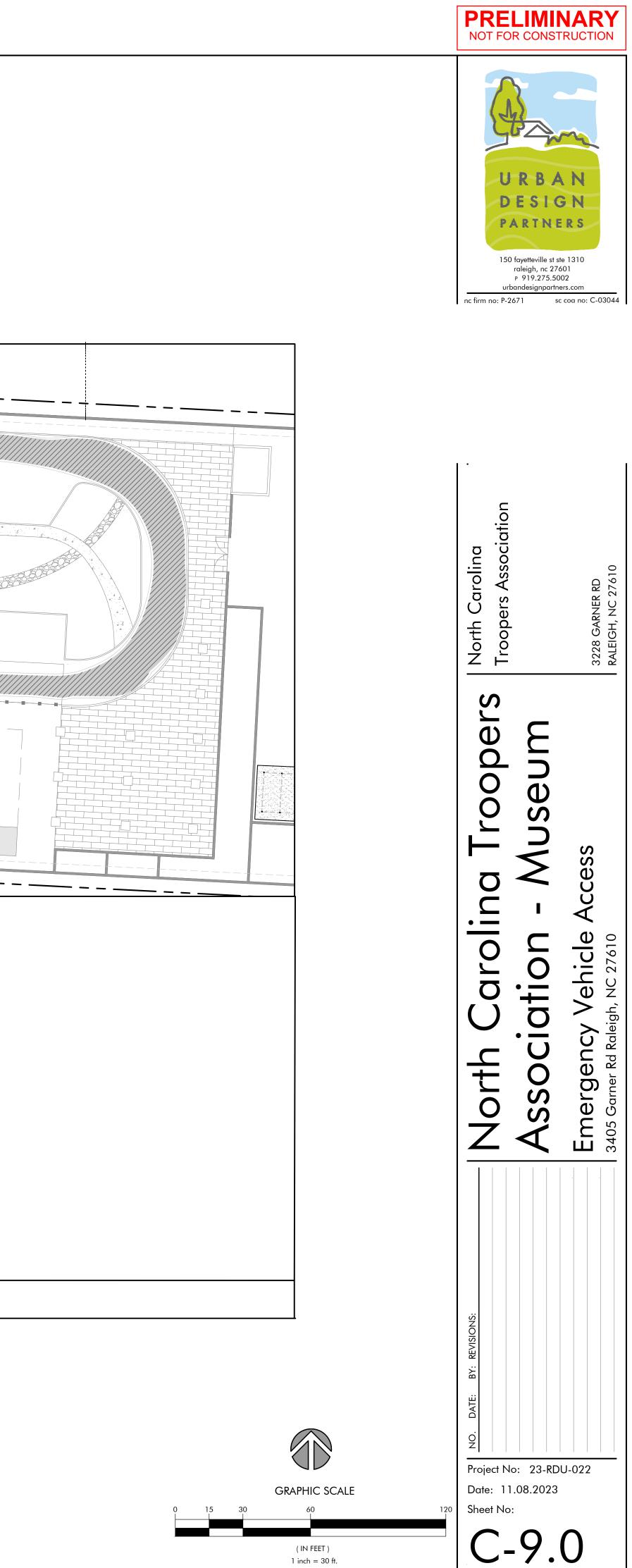


1. ALL PORTIONS OF BUILDING MUST BE WITHIN 150' OF THE APPARATUS ACCESS ROAD SURFACE (SEE 503.1.1 NCFC), 200' WITH A 13R SPRINKLER SYSTEM, AND 250' FOR A 13 SYSTEM. 2. MINIMUM INSIDE TURNING RADIUS OF 28' MUST BE MAINTAINED THROUGHOUT THE SITE PLAN FOR ANY FIRE DEPARTMENT ACCESS LANES THAT WOULD BE USED BY A FIRE APPARATUS. 3. FIRE DEPARTMENT CONNECTION (FDC) TO BE WITHIN 40' OF THE FIRE DEPARTMENT ACCESS ROAD ON THE FRONT OR AT THE FRONT OF THE BUILDING ALONG THE ADDRESS SIDE.

4. FIRE HYDRANTS SHALL BE NO MORE THAN 100' FROM AN FDC FOR A SPRINKLER SYSTEM AND/OR STANDPIPE SYSTEM MEASURED AS THE HOSE LIES. HYDRANTS SERVING FDC SHALL BE LOCATED ON THE SAME SIDE OF THE

ROAD AND SAME SIDE OF THE DRIVEWAY TO LIMIT BLOCKING RESPONDING APPARATUS ACCESS TO BUILDING.

5. FIRE DEPARTMENT VEHICLE ACCESS LANE TO BE DESIGNED AND CONSTRUCTED TO SUPPORT THE LOAD OF A FIRE APPARATUS WEIGHING AT LEAST 90,000 LBS. AND SHALL BE SURFACED TO PROVIDE ALL WEATHER DRIVING CAPABILITIES. (NCFC 503.2.3)

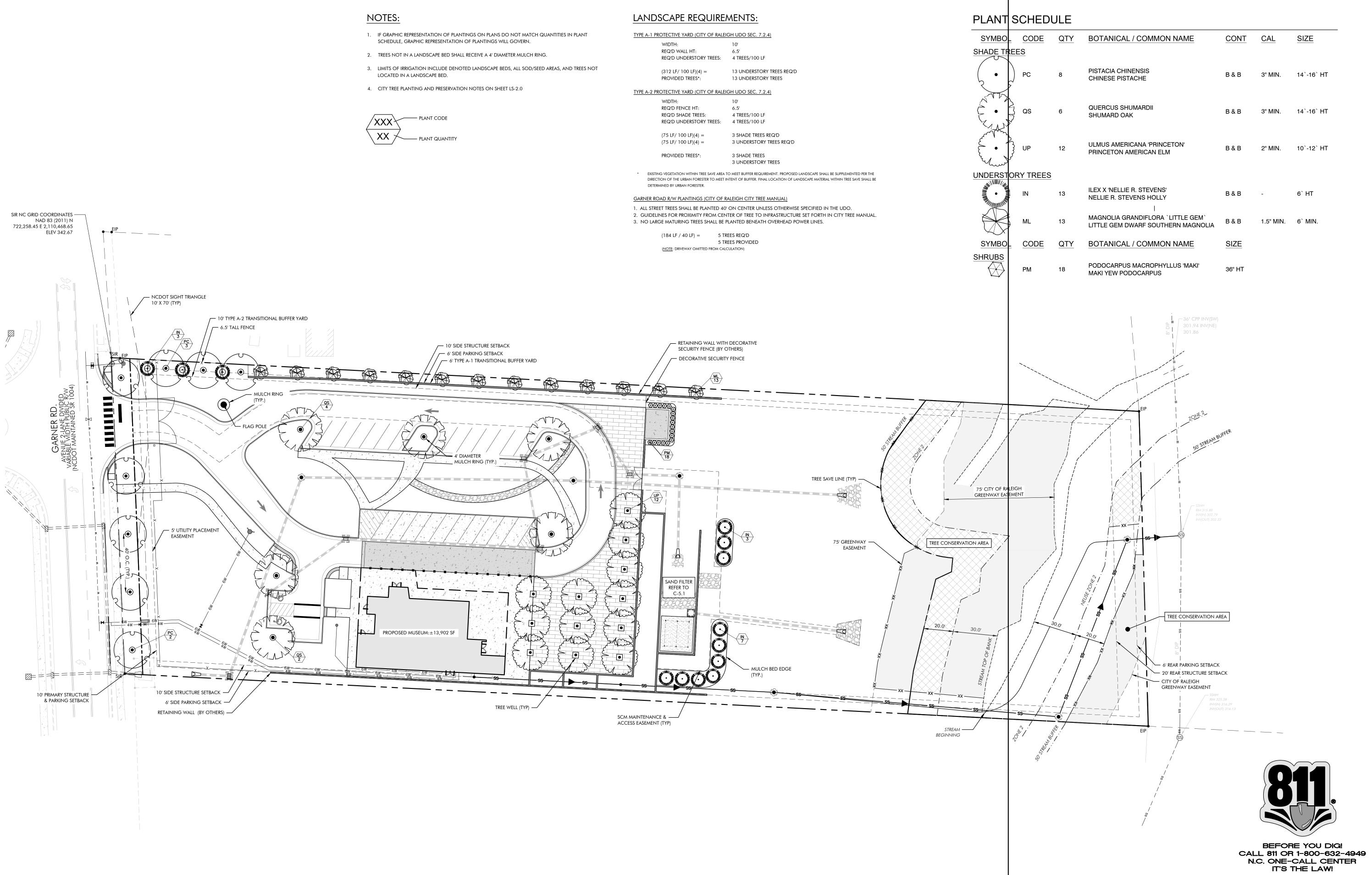


(IN FEET) 1 inch = 30 ft.

- LOCATED IN A LANDSCAPE BED.

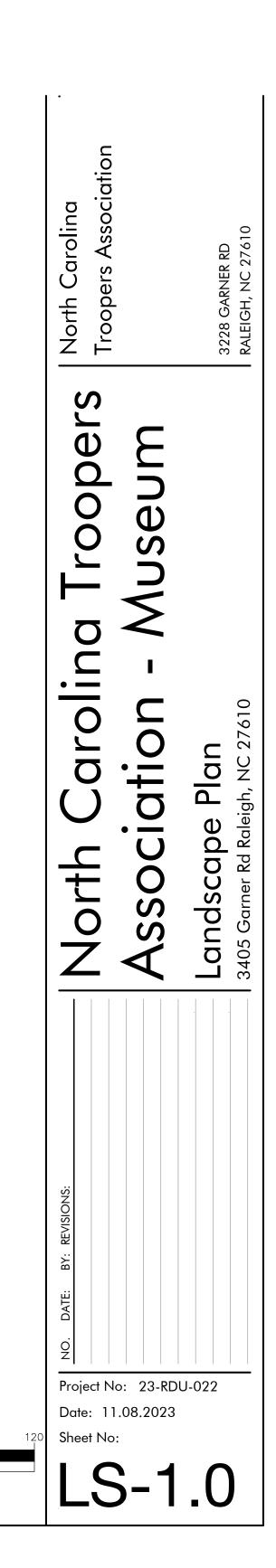






L	JLE				
	<u>QTY</u>	BOTANICAL / COMMON NAME	CONT	CAL	SIZE
	8	PISTACIA CHINENSIS CHINESE PISTACHE	B & B	3" MIN.	14`-16` HT
	6	QUERCUS SHUMARDII SHUMARD OAK	B & B	3" MIN.	14`-16` HT
	12	ULMUS AMERICANA 'PRINCETON' PRINCETON AMERICAN ELM	В&В	2" MIN.	10`-12` HT
	13	ILEX X 'NELLIE R. STEVENS' NELLIE R. STEVENS HOLLY	B & B	-	6` HT
	13	MAGNOLIA GRANDIFLORA `LITTLE GEM` LITTLE GEM DWARF SOUTHERN MAGNOLIA	B & B	1.5" MIN.	6` MIN.
	<u>QTY</u>	BOTANICAL / COMMON NAME	SIZE		
	18	PODOCARPUS MACROPHYLLUS 'MAKI' MAKI YEW PODOCARPUS	36" HT		





GRAPHIC SCALE

(IN FEET) 1 inch = 30 ft. NOT FOR CONSTRUCTION

PRELIMINARY

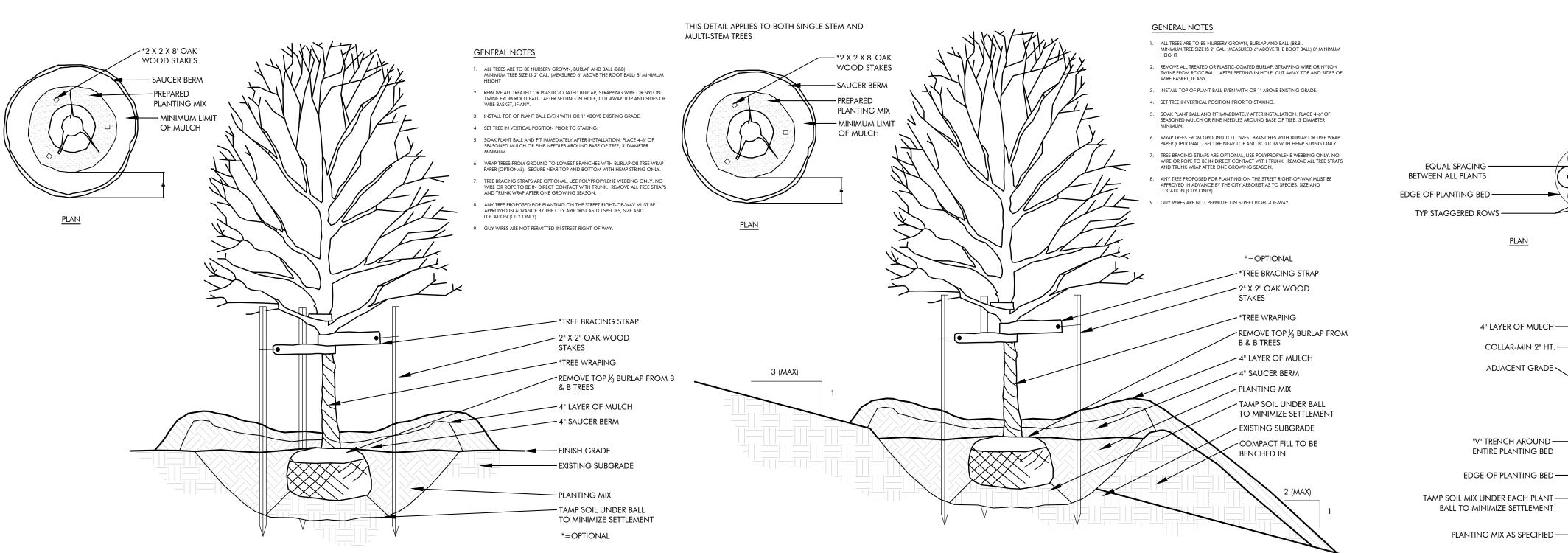
TREE PLANTING & PRESERVATION REQUIREMENTS:

- PLANT MATERIAL 1. ALL SHADE TREES PLANTED TO MEET THE LANDSCAPING REQUIREMENTS MUST HAVE A MINIMUM CALIPER OF 3 INCHES AND BE AT LEAST 10 FEET TALL AT THE TIME OF PLANTING.
- SINGLE-STEM UNDERSTORY TREES PLANTED TO MEET THE LANDSCAPING REQUIREMENTS MUST HAVE A MINIMUM CALIPER OF 11/2 INCHES AND BE AT LEAST 6 FEET TALL AT TIME OF PLANTING, MULTI-STEM UNDERSTORY TREES PLANTED TO MEET THE LANDSCAPING REQUIREMENTS MUST BE AT LEAST 6 FEET TALL AT TIME OF PLANTING.
- REQUIRED STREET TREES SHALL BE 3" IN CALIPER AND BE A MINIMUM OF 10' TALL PER CITY OF RALEIGH CITY TREE MANUAL.
- ALL NEW TREES MUST HAVE STRAIGHT TRUNKS WITH STRONG CENTRAL LEADERS INTACT TO THE TOP OF THE CROWN UNLESS MULTI-STEM TREES ARE SPECIFIED. ALL REQUIRED TREES SHALL BE TYPICAL OF THEIR SPECIES AND VARIETY, HAVE NORMAL GROWTH HABITS, HAVE WELL-DEVELOPED BRANCHES, BE VIGOROUS AND HAVE FIBROUS ROOT SYSTEMS. TREES WITH MAJOR GIRDLING ROOTS WILL NOT BE ACCEPTED. TREES WITH CO-DOMINANT BRANCHING WILL NOT BE ACCEPTED. TREES THAT HAVE BEEN SHEARED, TOPPED OR CUT BACK TO MULTIPLY THE BRANCHING STRUCTURE WILL NOT BE ACCEPTED. TREES SHALL BE FREE OF ABRASIONS, DAMAGE, DISEASE, PESTS AND CRACKS. ALL PRUNING CUTS GREATER THAN ½ INCH DIAMETER SHALL HAVE CALLUS TISSUE FORMED PRIOR TO PLANTING. NO PRUNING CUT ON THE TRUNK SHALL BE MORE THAN ONE-HALF THE DIAMETER OF THE CENTRAL LEADER AT THE HEIGHT WHERE THE CUT WAS MADE. ROOT FLARES SHALL BE LOCATED AT GRADE. TREES WITH MORE THAN 2" OF SOIL COVERING THE ROOT BALL/FLARE FROM WILL NOT BE ACCEPTED.
- SIZE OF REQUIRED PLANTS, SPREAD OF ROOTS AND SIZE OF BALLS SHALL BE IN ACCORDANCE WITH ANSI Z60.1 (LATEST EDITION) AS PUBLISHED BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION, EXCEPT WHERE SPECIFIED/AUTHORIZED BY URBAN FORESTRY.
- 6. ALL REQUIRED TREES OF A PARTICULAR SPECIES AND VARIETY SHALL BE UNIFORM IN SIZE AND CONFIGURATION. 7. A MINIMUM OF 50% OF NEW TREES MUST BE NATIVE SPECIES, AND SITES WITH MORE THAN 20 TREES REQUIRED WILL HAVE TO INSTALL MULTIPLE (3 OR MORE) SPECIES PURSUANT TO THE TREE ORDINANCE GUIDELINES.
- 8. 75% OF REQUIRED TREES MUST BE LARGE MATURE SPECIES EXCEPT IN SITUATIONS WITH OVERHEAD POWER LINE CONFLICTS.
- 9. ALL STRAPPING, AND TOP 1/3 OF WIRE BASKET AND BURLAP MUST BE CUT AWAY AND REMOVED FROM ROOT BALL WHEN PLANTING.
- 10. FOR NEW PLANTING AREAS, REMOVE ALL PAVEMENT, GRAVEL SUB-BASE AND CONSTRUCTION DEBRIS; REMOVE COMPACTED SOIL AND ADD 18" NEW TOPSOIL, OR TILL AND AMEND THE TOP 18" OF EXISTING SOIL TO MEET TOPSOIL/PLANTING MIX STANDARDS FOR TREES (WITHIN ENTIRE MINIMUM AREA OF 274 SQUARE FEET)
- 11. TREES PLANTED ON PUBLIC PROPERTY WILL NEED APPROVAL FROM THE CITY ARBORIST AND/OR NCDOT.
- UTILITY ISSUES 12. IF ANY UTILITY IS BEING INSTALLED IN OR NEAR ANY REQUIRED TREE(S) OR TREE SAVE AREA(S), CALL URBAN FORESTRY SPECIALIST TO RESOLVE PRIOR TO UTILITY INSTALLATION.
- 13. IF TREES CONFLICT WITH ANY UTILITIES OR SIGNS; CALL URBAN FORESTER TO RESOLVE BEFORE PLANTING.
- 14. ADJUST TREE PLANTING LOCATIONS TO AVOID EXISTING UNDERGROUND UTILITIES. PLANT 10' FROM ALL UNDERGROUND UTILITIES.
- 15. NO LIGHT POLES, UTILITIES OR TRANSFORMERS CAN BE INSTALLED IN TREE ISLANDS.
- 16. TREES MUST MAINTAIN A MINIMUM DISTANCE OF 20' FROM LIGHT POLES WITHIN THE RIGHT-OF-WAY, SHOW SITE LIGHTING ON LANDSCAPE PLAN.

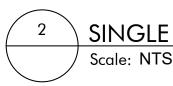
17. TREE PROTECTION MUST BE INSTALLED AND VERIFIED BY URBAN FORESTRY PRIOR TO STARTING ANY CONSTRUCTION ACTIVITY. 18. SHOW TREE PROTECTION AND TREES SAVE AREAS ON EROSION CONTROL, GRADING AND LANDSCAPE PLAN SHEETS.

- 19. COMMERCIAL TREE SAVE AREAS MUST BE RECORDED ON A FINAL PLAT.
- 20. TREE SAVE AREAS SHALL BE FREE OF INVASIVE PLANT SPECIES. IF AN AREA PROPOSED FOR TREE SAVE CONTAINS INVASIVE PLANT SPECIES AT TIME OF PROPOSAL, SUCH INVASIVE PLANT SPECIES SHALL BE REMOVED PRIOR TO FINAL CO.
- 21. THE AREA OF ANY EASEMENTS (WATER, SEWER, UTILITY, ETC.) CAN NOT BE COUNTED TOWARD THE TREE SAVE REQUIREMENT
- 22. ANY ALTERATIONS TO TREE SAVE AREAS MUST BE ACCOMPLISHED WITHOUT MECHANIZED EQUIPMENT.
- 23. NO STRUCTURE WILL BE ALLOWED WITHIN 10' OF TREE SAVE AREAS UNLESS APPROVED BY URBAN FORESTRY.
- 24. CONTACT URBAN FORESTRY SPECIALIST PRIOR TO ANY CRANE SET-UP, MACHINERY OPERATION OR TEMPORARY BUILDING ERECTION THAT MAY IMPACT PROTECTED TREES OR TREE SAVE AREAS, INCLUDING TREES LOCATED IN STREET RIGHT OF WAY. IMPACTS MAY INCLUDE BUT ARE NOT LIMITED TO: ENCROACHING WITHIN TREE DRIP-LINES, EXCAVATION, SOIL COMPACTION, TREE TRIMMING, ERECTING AND DISMANTLING OF CONSTRUCTION CRANES.
- TOPSOIL/PLANTING MIX MINIMUM REQUIREMEN WHERE PAVEMENT CUTOUTS ON RENOVATED SITES ARE REQUIRED AND/OR WHERE NEW PLANTING STRIPS OR ISLANDS ARE REQUIRED, ALL PAVEMENT, CONSTRUCTION DEBRIS AND GRAVEL SUB-BASE MUST BE REMOVED BEFORE PREPARING SOIL AND PLANTING TREES. EXISTING COMPACTED SOIL MUST BE REMOVED AND REPLACED WITH 24" OF TOPSOIL/PLANTING MIX -OR- EXISTING SOIL MAY BE UNCOMPACTED TO A DEPTH OF 24" AND AMENDED TO MEET TOPSOIL STANDARDS FOR THE ENTIRE PLANTING AREA.
- 26. SOIL IN ALL PLANTING STRIPS OR ISLANDS, WHETHER EXISTING OR NEW (ON NEW OR RENOVATED SITES), MUST MEET THE MINIMUM TOPSOIL/PLANTING MIX SPECIFICATIONS. SOIL AMENDMENTS OR FRESH TOPSOIL/PLANTING MIX ARE OFTEN NEEDED FOR PLANTING AREAS AT SITES WHERE ORIGINAL TOPSOIL IS OF POOR QUALITY, HEAVILY COMPACTED OR WHERE TOPSOIL HAS BEEN COMPLETELY REMOVED DURING GRADING.
- 27. TOPSOIL/PLANTING MIX SHOULD BE NATURAL, FERTILE, AGRICULTURAL SOIL CAPABLE OF SUSTAINING VIGOROUS PLANT GROWTH, IT SHOULD BE UNIFORM COMPOSITION THROUGHOUT, WITH ADMIXTURE OF SUBSOIL. IT SHOULD BE FREE OF STONES, LUMPS, LIVE PLANTS AND THEIR ROOTS, STICKS AND OTHER EXTRANEOUS MATTER. TOPSOIL SHOULD NOT BE USED WHILE IN A FROZEN OR MUDDY CONDITION.
- 28. TOPSOIL/PLANTING MIX SHALL HAVE AN ACIDITY RANGE OF PH 5.5-7.0 AND THE FOLLOWING COMPOSITION: CLAY (RED CLAY, WELL PULVERIZED) MINIMUM 10%; MAXIMUM 35% COMPOST*/ORGANIC MINIMUM 5%; MAXIMUM 10%
 - SILT MINIMUM 30%; MAXIMUM 50% COARSE SAND (FREE OF ROCKS, 0.5 TO 1.0 MM F) MINIMUM 30%; MAXIMUM 45%
- *ORGANIC MATERIAL SUCH AS SAWDUST OR LEAF MOLD THAT HAS COMPLETED THE DECOMPOSITION PROCESS.
- 29. ALL PLANTING AREAS SHOULD BE TESTED FOR PROPER DRAINAGE. DRAINAGE SHOULD BE CORRECTED AS NECESSARY TO INSURE PROPER TREE GROWTH AND SURVIVAL. THE FOLLOWING LEVEL OF NUTRIENT ELEMENTS IS RECOMMENDED FOR PROPER GROWTH:

CALCIUM 55 - 80% MAGNESIUM 10 - 30% POTASSIUM 5 - 8%







- EXTRA QUANTITIES NECESSARY TO COMPLETE THE WORK.

- AMERICAN ASSOCIATION OF NURSERYMEN, INC.

- SHALL SUBMIT SAMPLES OF PLANTING SOIL TO BE USED TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO PLANTING.
- ACCEPTABILITY OF MATERIALS AND PLACEMENT. CONTRACTOR SHALL SUBMIT PHOTOS OF ALL TREES WITH BID SUBMITTAL IF REQUESTED BY LANDSCAPE ARCHITECT OR OWNER.

TREES AND SHRUBS MARCH-MAY 10-10-10 JUNE-OCTOBER 6-10-10 NOVEMBER-FEBRUARY 6-12-12

- 20. CONTRACTOR'S PRICES SHALL INCLUDE ALL LABOR AND MATERIALS NECESSARY TO COMPLETE THE WORK (i.e. MULCH, PLANTING, SOIL MIX, WOOD AND WIRE STAKING MATERIAL, ETC.).

- *NOTE

GENERAL PLANTING NOTES:

1. QUANTITIES NECESSARY TO COMPLETE THE WORK ON THE DRAWINGS SHALL BE FURNISHED BY THE CONTRACTOR. QUANTITY ESTIMATES HAVE BEEN MADE CAREFULLY, BUT THE LANDSCAPE ARCHITECT ASSUMES NO LIABILITY FOR ERRORS OR OMISSIONS. HIS ESTIMATES ARE ONLY AN AID FOR CLARIFICATION OF UNITS AND A CHECK FOR THE CONTRACTOR TO COMPARE WITH HIS OWN ESTIMATES. DIFFERENCES SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT. NO EXTRA COMPENSATION SHALL BE ALLOWED FOR

2. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION OF PLANT MATERIALS ACCORDING TO THE DRAWINGS AND PLANT SCHEDULE. CONTRACTOR SHALL PROVIDE SPECIFIC CULTIVARS AND/OR VARIETIES AS INDICATED ON THE PLANT SCHEDULE. ANY SUBSTITUTIONS INSTALLED WITHOUT PRIOR APPROVAL OF LANDSCAPE ARCHITECT WILL BE REJECTED AND SHALL BE REPLACED BY THE CONTRACTOR AT NO EXTRA COST TO THE OWNER.

PLANTING PLANS INDICATE DIAGRAMMATIC LOCATIONS ONLY. SITE ADJUSTMENTS OF PLANTING DESIGN AND RELOCATION OF PLANT MATERIALS DUE TO ON SITE CONDITIONS SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. PLANTS INSTALLED PRIOR TO LANDSCAPE ARCHITECT'S APPROVAL ARE SUBJECT TO RELOCATION BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

4. PLANTS SHALL BE SPECIMEN QUALITY AND SHALL BE SOUND, HEALTHY AND VIGOROUS, WELL-BRANCHED, AND DENSELY FOLIATED WHEN IN LEAF. PLANT MATERIAL SHALL BE FIRST QUALITY STOCK AND SHALL CONFORM TO THE CODE OF STANDARDS SET FORTH IN THE CURRENT EDITION OF THE AMERICAN STANDARDS FOR NURSERY STOCK SPONSORED BY THE

. HEIGHT AND SPREAD DIMENSION SPECIFIED REFER TO THE MAIN BODY OF THE PLANT AND NOT FROM BRANCH TIP TO TIP. IF A RANGE OF SIZE IS GIVEN, NO PLANT SHALL BE LESS THAN THE MINIMUM SIZE AND NOT LESS THAN 50% OF THE PLANTS SHALL BE AS LARGE AS THE MAXIMUM SIZE SPECIFIED.

6. SHADE TREES SHALL HAVE A STRONG CENTRAL LEADER UNLESS OTHERWISE SPECIFIED.

LEAVES MUST BE OF MEDIUM FOLIAGE, ALL GOOD LEAVES, MAXIMUM OF 10% CHLOROSIS ALLOWED, WITH NO EXTREME SUCCULENCE PLACE PLANTS UPRIGHT AND TURNED SO THAT THE MOST ATTRACTIVE SIDE IS VIEWED.

8. ROOTS MUST BE STURDILY ESTABLISHED IN BALL THAT HAS BEEN TIGHTLY WRAPPED AND SECURELY TIED WITH TWINE OR WIRE, OR PINNED.

9. PLACE PLANTS UPRIGHT AND TURNED SO THAT THE MOST ATTRACTIVE SIDE IS VIEWED.

10. PROVIDE 4" THICKNESS MULCH AT ALL PLANTS AND PLANTING BEDS. MULCH SHALL BE SINGLE HAMMERED HARDWOOD MULCH (UNLESS NOTED OTHERWISE). IT SHALL BE CLEAN, FRESH, AND FREE OF STICKS, BRANCHES, SOIL OR OTHER FOREIGN MATERIAL.

11. BACKFILL PLANTING MIXTURE SHALL BE ONE PART APPROVED PLANTING SOIL MIXED WITH ONE PART NATIVE SOIL FROM THE TREE PIT OR SHRUB BED AREA. LANDSCAPE CONTRACTOR

12. PLANTS SHALL BE SUBJECT TO REVIEW BY LANDSCAPE ARCHITECT AT NURSERY OR ON SITE PRIOR TO PLANTING. LANDSCAPE ARCHITECT WILL BE THE SOLE JUDGE OF THE QUALITY AND

13. THE LANDSCAPE CONTRACTOR SHALL TAKE SOIL SAMPLES FROM ALL PARTS OF THE SITE AND SHALL HAVE THEM TESTED BY THE LOCAL COUNTY AGENT. THE CONTRACTOR SHALL PROVIDE ONE COPY OF THE TEST RESULTS TO THE LANDSCAPE ARCHITECT PRIOR TO ORDERING PLANT MATERIALS OR MAKING ANY AMENDMENTS TO THE ON SITE SOIL. ANY SOIL AMENDMENTS REQUIRED AS INDICATED BY THE SOIL TEST SHALL BE PROVIDED BY THE LANDSCAPE CONTRACTOR. THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT OF AMENDMENTS AND OBTAIN A WRITTEN APPROVAL FOR PROPOSED AMENDMENTS.

14. FERTILIZER SHALL BE A COMPLETE FERTILIZER; 50% OF NITROGEN OF WHICH IS DERIVED FROM NATURAL ORGANIC SOURCES OR UREAFORM. FERTILIZER SHALL BE DELIVERED TO THE SITE IN STANDARD SIZE UNOPENED CONTAINERS WHICH SHOW THE WEIGHT, CHEMICAL ANALYSIS, AND MANUFACTURER. IT SHALL BE STORED IN A DRY LOCATION UNTIL ITS USE. FERTILIZER FOR TREES, SHRUBS, AND GROUNDCOVER AREAS SHALL BE A SLOW RELEASE TYPE AND SHALL BE APPLIED AS FOLLOWS:

> TREES: 1 LB / INCH OF CALIPER SHRUBS: 1/2 LB / INCH HEIGHT

15. LANDSCAPE CONTRACTOR SHALL PERFORM PERCOLATION TESTS IN ALL TREE PITS. IF PITS DO NOT DRAIN WITHIN 30 MINUTES, CONTACT LANDSCAPE ARCHITECT AND DO NOT PLANT THE TREE WITHOUT ON SITE INSPECTION OF DRAINAGE. LANDSCAPE ARCHITECT MAY REQUIRE ADDITIONAL SUBSURFACE DRAIN LINES FROM THE TREE PITS.

16. IF SURFACE DRAINAGE IS NOT SUFFICIENT (STANDING WATER) NOTIFY LANDSCAPE ARCHITECT IN WRITING BEFORE INSTALLING THE PLANTS, OTHERWISE CONTRACTOR SHALL BE TOTALLY RESPONSIBLE FOR THE GUARANTEE AND LIVABILITY OF THE PLANTS.

17. ALL UNDERGROUND UTILITIES SHALL BE LOCATED BEFORE DIGGING. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ALL DAMAGE OF UNDERGROUND OR OVERHEAD UTILITY

18. CERTIFICATE OF INSPECTION AS MAY BE REQUIRED BY LAW FOR TRANSPORTATION OF PLANT MATERIALS SHALL ACCOMPANY EACH INVOICE FOR EACH SHIPMENT OF PLANTS. CERTIFICATES SHALL BE FILED WITH LANDSCAPE ARCHITECT PRIOR TO ACCEPTANCE OF MATERIAL. INSPECTION BY STATE OR FEDERAL AUTHORITIES AT THE PLACE OF GROWTH DOES NOT PRECLUDE REJECTION OF THE MATERIAL BY THE LANDSCAPE ARCHITECT.

19. ALL PLANT MATERIALS AND INSTALLED LANDSCAPE SUPPLIES SHALL BE WARRANTED FOR A PERIOD OF ONE YEAR AFTER FINAL ACCEPTANCE OF THIS PROJECT.

21. THE COMPLETION OF THE CONTRACT WILL BE ACCEPTED AND NOTICE OF COMPLETION RECORDED ONLY WHEN THE ENTIRE CONTRACT IS COMPLETED TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT, OWNER, AND THE OWNER'S CONSTRUCTION REPRESENTATIVE. WITHIN TEN DAYS NOTICE BY THE CONTRACTOR OF SUBSTANTIAL COMPLETION THE LANDSCAPE ARCHITECT WILL INSPECT THE PROPERTY. HE WILL EITHER APPROVE THE WORK FOR THE OWNER'S ACCEPTANCE OR WILL ISSUE A "PUNCH LIST" OF ITEMS TO BE COMPLETED OR CORRECTED. IF A PUNCH LIST IS ISSUED, FINAL ACCEPTANCE WILL BE DONE AS SOON AS THE CONTRACTOR COMPLETES ALL PUNCH LIST ITEMS.

AMENDED SOIL MEDIA REQUIREMENTS: A PLANTING MIX MAY BE DEVELOPED THAT WILL BE AN ACCEPTABLE PLANTING MEDIA BY AMENDING THE EXISTING SOIL OR BY REMOVING THE XISTING SOIL AND REPLACING IT WITH NEW PLANTING MIX. THE PLANTING MIX SHALL HAVE UNIFORM COMPOSITION THROUGHOUT, WITH A MIXTURE OF SUBSOIL. IT SHALL BE FREE OF STONES, LUMPS, LIVE PLANTS AND THEIR ROOTS, STICKS, AND OTHER EXTRANEOUS MATTER. IT SHALL CONTAIN NO MAN MADE MATERIALS UNLESS OTHERWISE SPECIFIED. PLANTING MIX SHALL NOT BE USED WHILE IN A FROZEN OR MUDDY CONDITION.

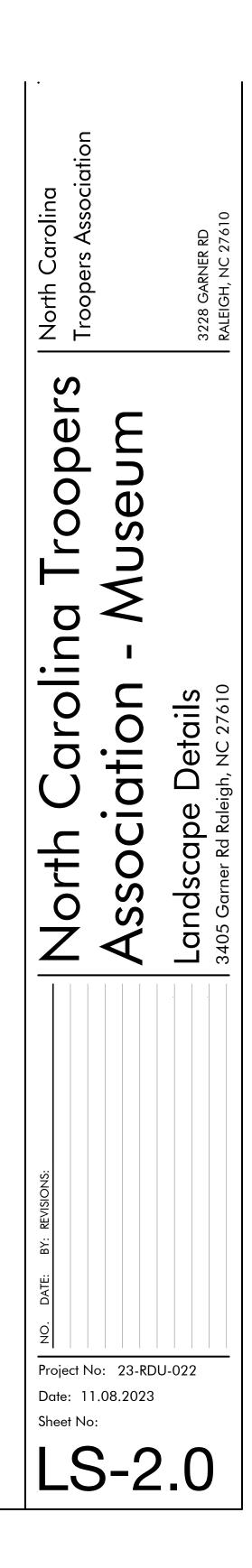
CONTRACTOR TO PROVIDE TEST SAMPLES OF AMENDED SOIL WITH TESTING DATA FOR ALL BED AREAS AMENDED ON SITE. TEST SAMPLES SHALL FALL WITHIN TOLERANCES SHOWN ABOVE. PLANTING SHALL NOT BEGIN UNTIL SOIL HAS BEEN AMENDED AND SOIL TEST SAMPLES HAVE BEEN

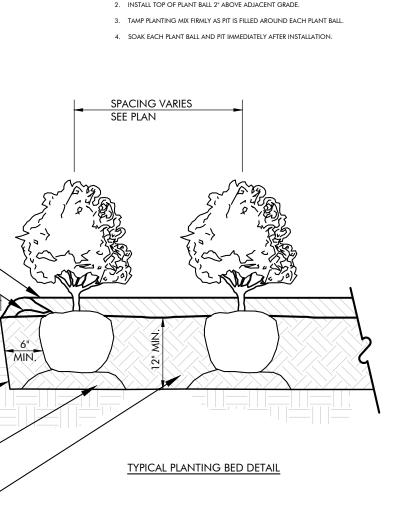
REVIEWED AND APPROVED BY OWNER AND LANDSCAPE ARCHITECT.

SINGLE STEM TREE ON A SLOPE

SECTION DT_SINGLE STEM TREE ON SLOPE STAKING SHRUB PLANTING Scale: NTS



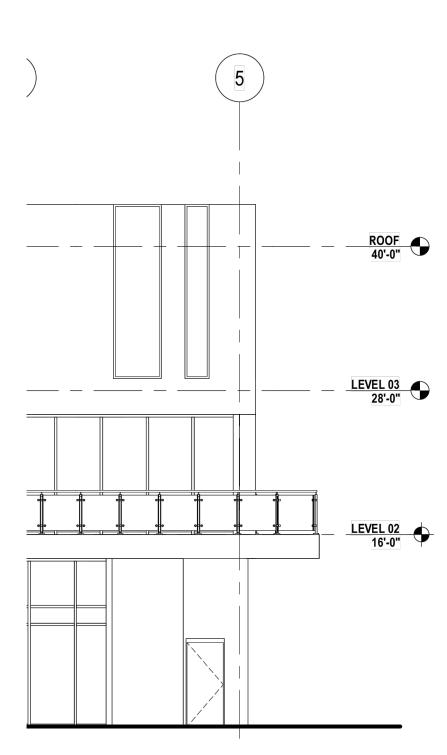


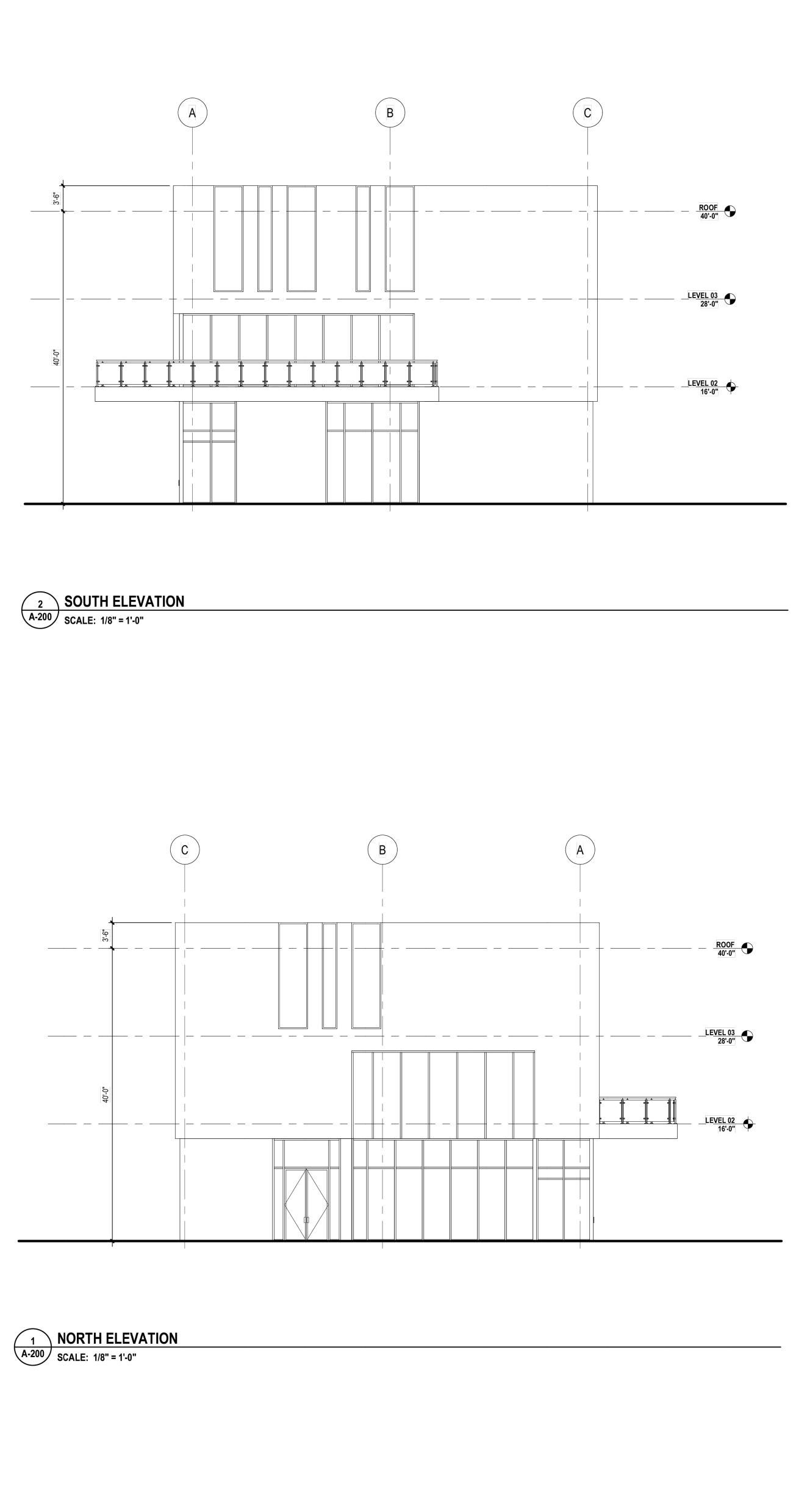


GENERAL NOTES:

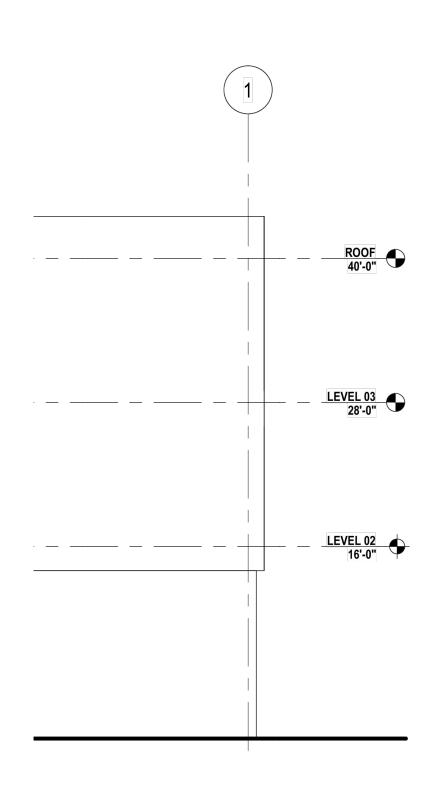
1. OMIT COLLAR AROUND EACH SHRUB WHEN IRRIGATION SYSTEM IS PRESENT

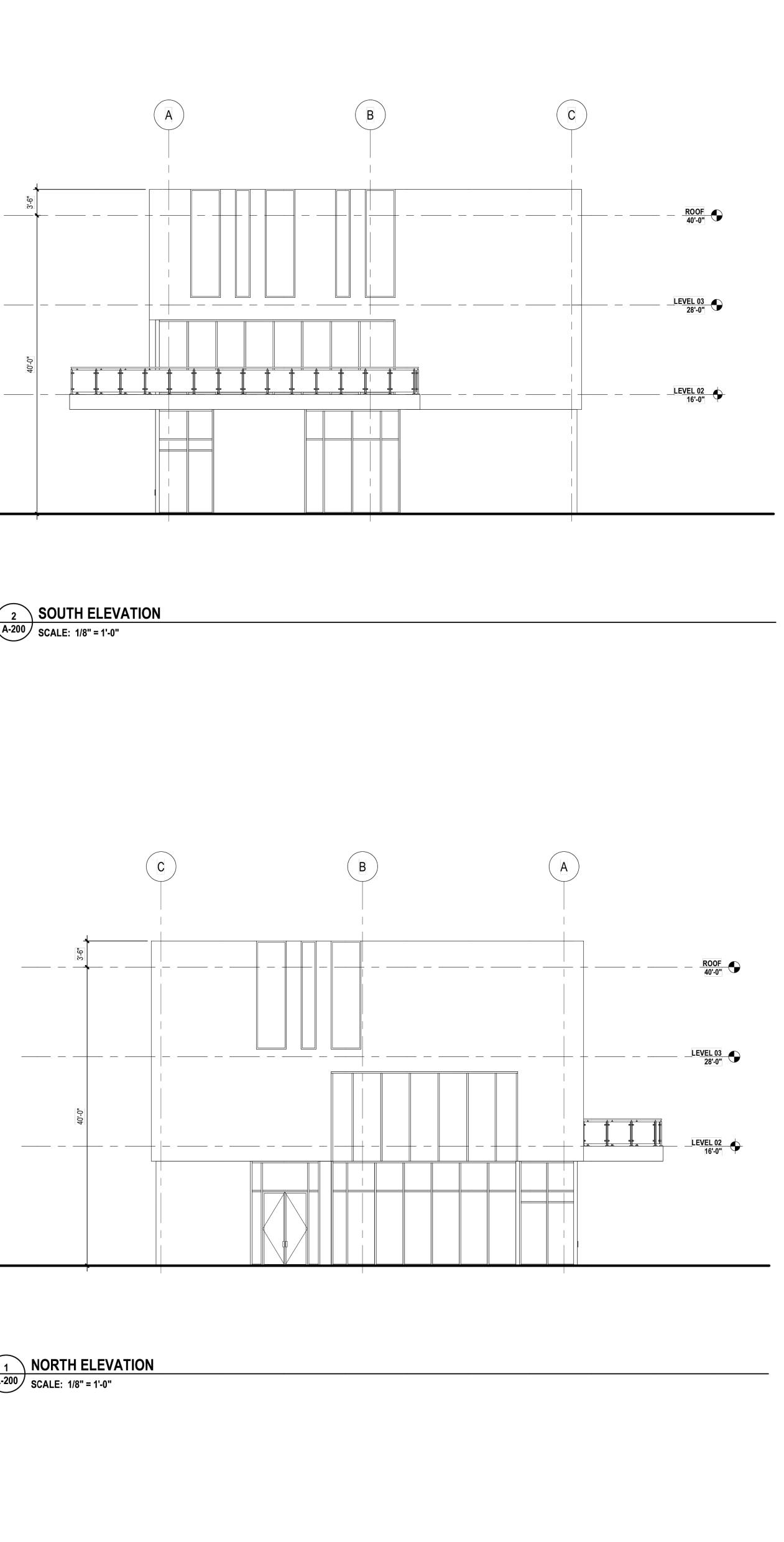
SECTION DT_SHRUB PLANTING

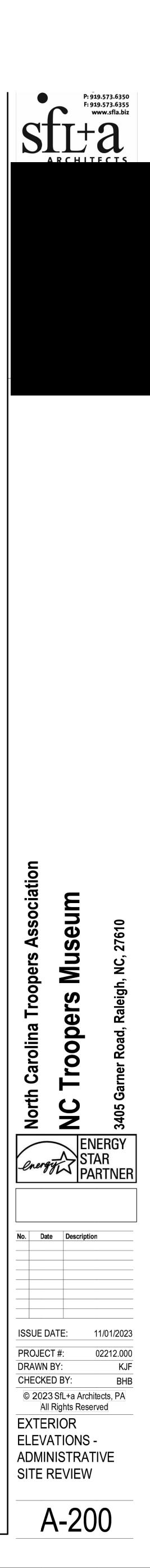


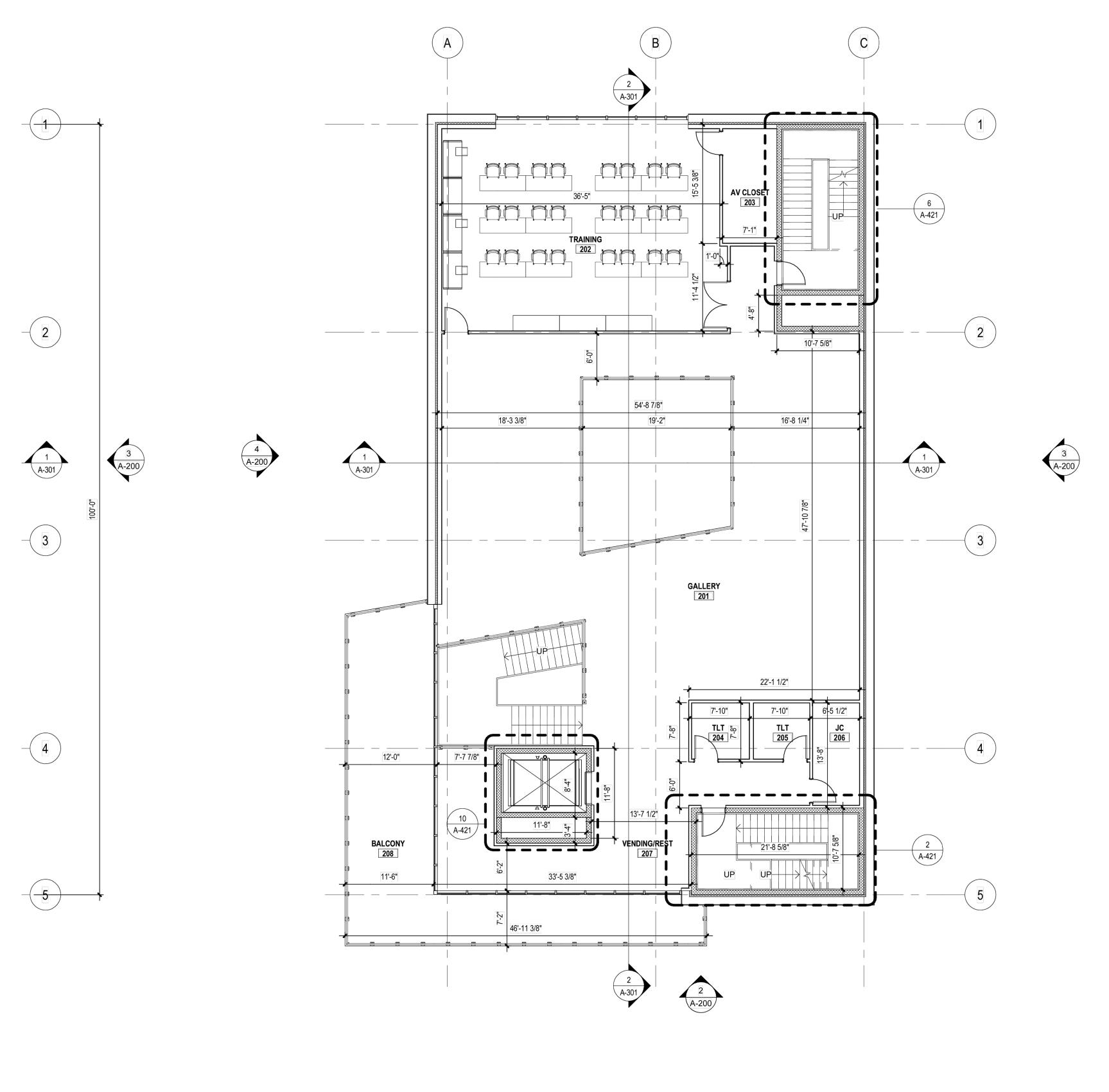


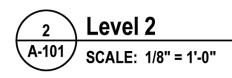










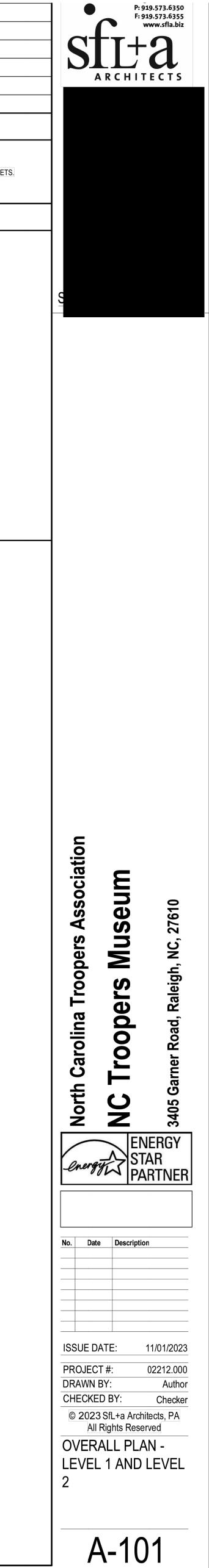


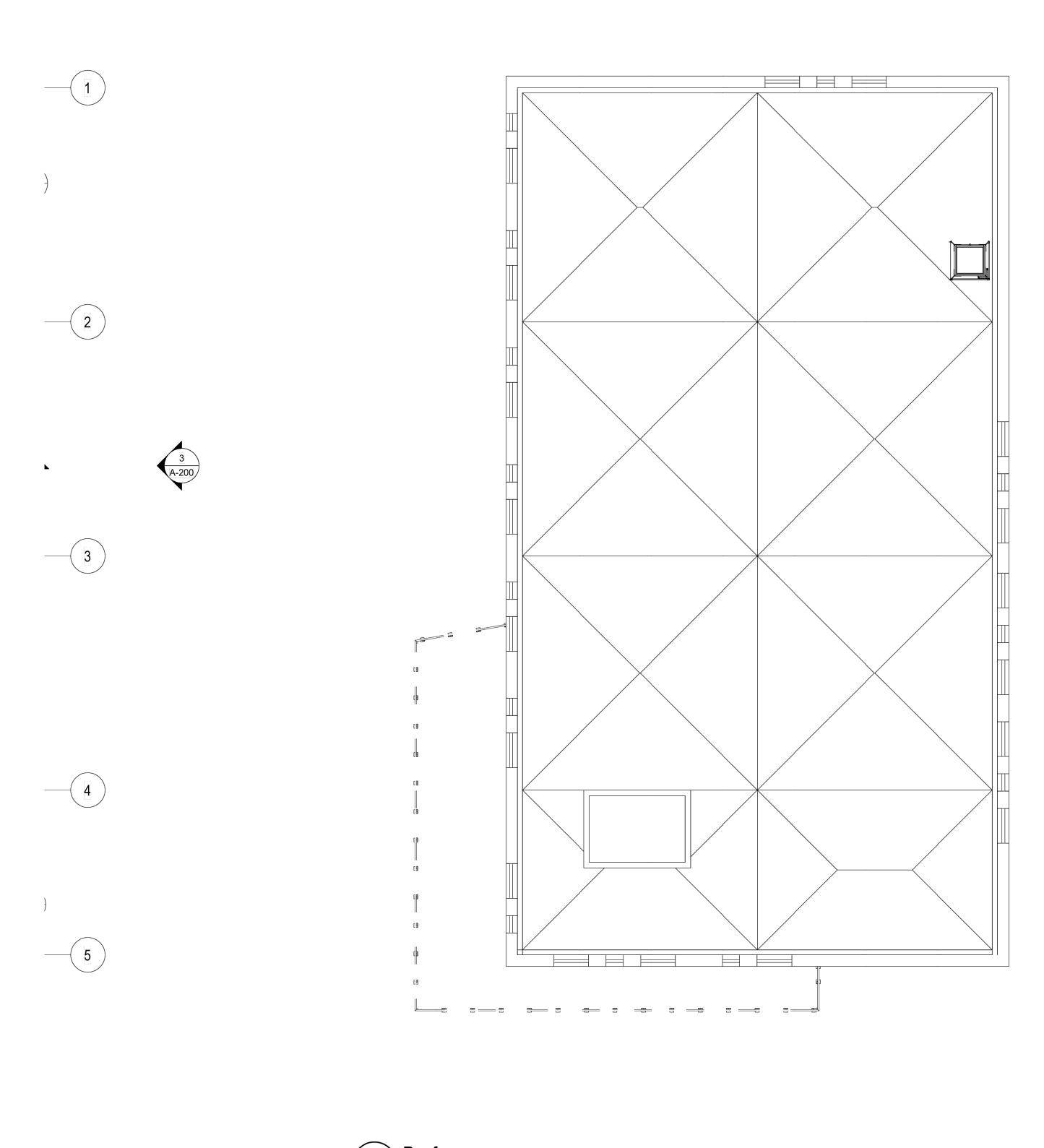


	3 HOUR RATED WALL
CJ	CONTROL JOINT - SEE DETAIL ?/A-???
FD	FLOOR DRAIN - SEE PLUMBING DRAWINGS
W2	STOREFRONT (CURTAIN WALL) TAG - SEE SHEET A-60? AND FLOOR PLANS
VVZ	WINDOW TAG - SEE SHEET A-60? AND FLOOR PLANS
100	DOOR TAG - SEE SHEET A-60? AND FLOOR PLANS
GENERA	L NOTES:
1. SEE SHE	ET A-010 FOR UL DESIGNS AND PARTITION TYPES.
2. ALL INTE	RIOR WALLS SHALL HAVE SOUND ATTENUATION BATTS EXCEPT AT UNIT CLOSETS.

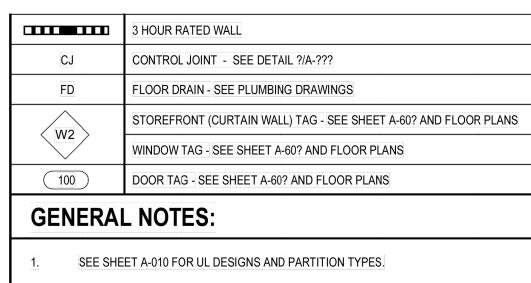
FLOOR PLAN KEY NOTES

1 XXXX



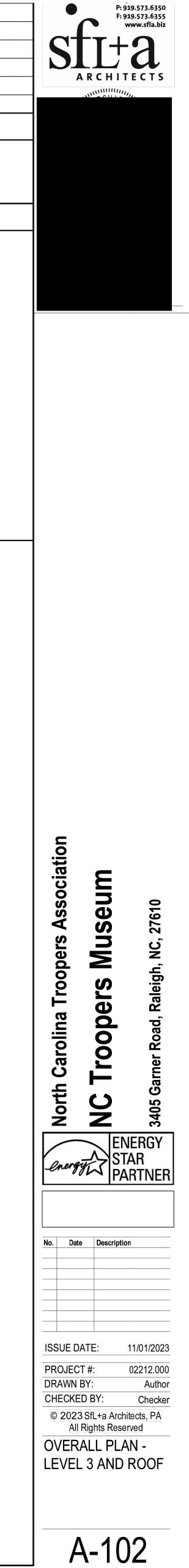


2 Roof A-102 SCALE: 1/8" = 1'-0"

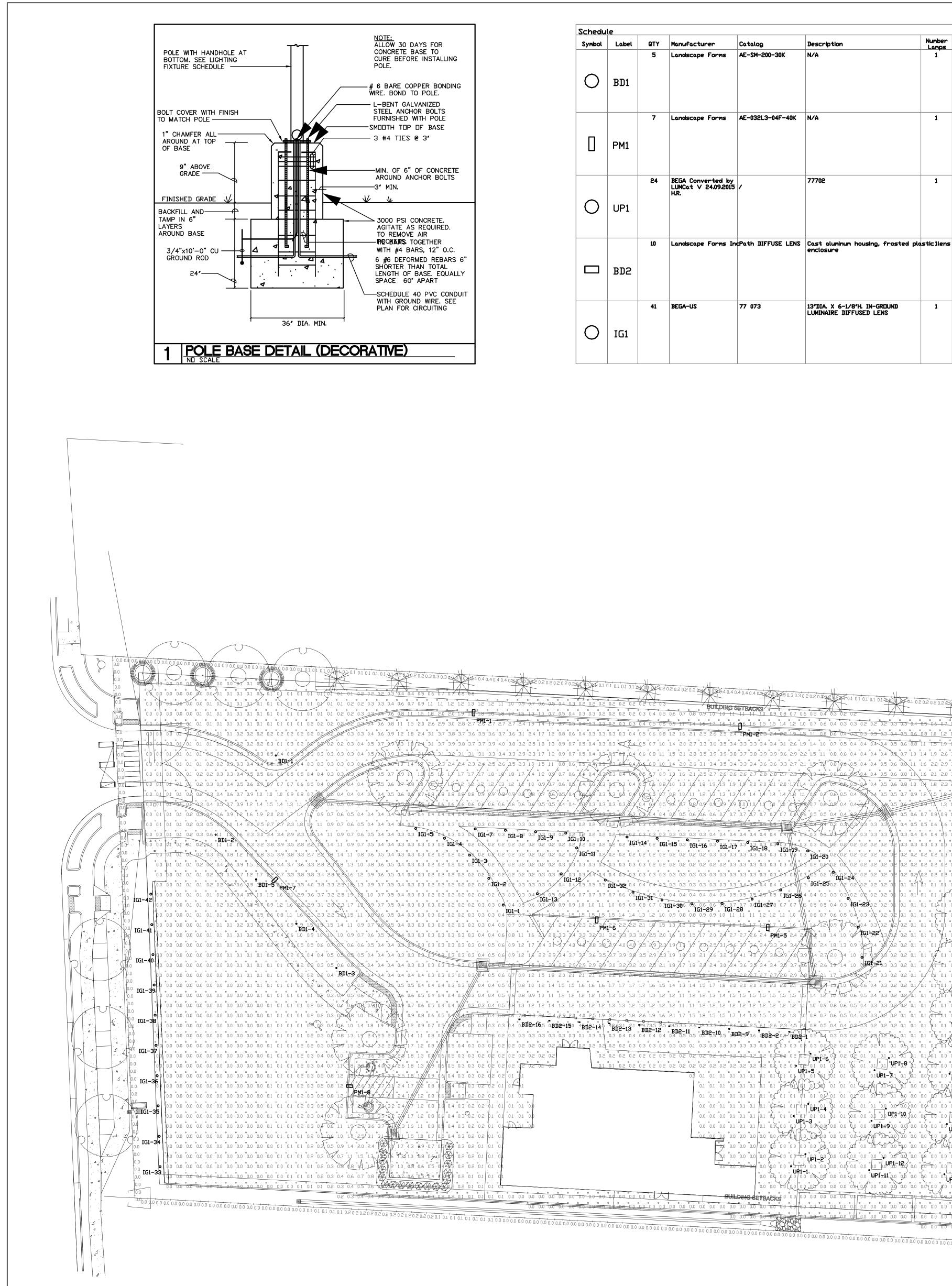




1 XXXX



2. ALL INTERIOR WALLS SHALL HAVE SOUND ATTENUATION BATTS EXCEPT AT UNIT CLOSETS.



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ADA and other laws.	

Schedu	le			1	1				1	1
Symbol	Label	QTY	Manufacturer	Catalog	Description	Number Lamps	Lamp Output	LLF	Input Power	Polar Plot
0	BD1	5	Landscape Forms	AE-SM-200-30K	N/A	1	242	1	8.887	(
0	PM1	7	Landscape Forms	AE-032L3-04F-40K	N/A	1	7022	1	95.8	Max: 32cd
0	UP1	24	BEGA Converted by LUMCat V 24.09.2015 H.R.	1	77702	1	1775	1	22	Max: 4108cd
	BD2	10	Landscape Forms In	cPath DIFFUSE LENS	Cast aluminum housing, frosted pla enclosure	stic Ilens	470	1	8.0059	Max: 252cd
0	IG1	41	BEGA-US	77 073	13'DIA. X 6-1/8'H. IN-GROUND LUMINAIRE DIFFUSED LENS	1	214	1	20.25	Max: 74cd

BUILDING SETBACKS 9 1. 18 1.8 1.8 1.7 1.5 1.3 10 0.7 0.5 0.4 0.3 0.3 0.2 0.2 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.0 1.1 1.1 1.1 1.0 0.9 0.8 0.7 0.6 0 $\begin{bmatrix} 5 \\ 0.1$ $\begin{bmatrix} 1 & 4 \\ 0.1 & 0.1 & 0.1 & 0.1 & 0.1 & 0.1 & 0.1 & 0.1 & 0.1 & 0.1 & 0.0 &$ 0.0 0.0 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.0

Plan View Scale - 1" = 20ft

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CITY OF RALEIGH - PLANS AUTHORIZED FOR CONSTRUCTION Plans for the proposed use have been reviewed for general compliance with applicable codes. This limited review, and authorization for construction is not to be considered to represent total compliance with all legal requirements for development and construction. The property owner, design consultants, and contractors are each responsible for compliance with all applicable City, State and Federal laws. This specific authorization below is not a permit, nor shall it be construed to permit any violation of City, State or Federal Law. All Construction must be in accordance with all Local, State, and Federal Rules and Regulations. This approval of this electronic document is only valid if the document has not been modified and the digital signature below is valid:

City of Raleigh Development Approval

5 1.5 1.4 1.2 1.0 0.7 0.6 0.4 0.3	3 0.3 0.2 0.2 <u>0.2 0.3 0.3 0.4 0.5 0.6</u>	<u>, 0.7 0.7 0,8 0,9 0,9 0,9 0,9</u>	0.8' 0.7 0.6 0.5				0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0		0.					
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93.93.62.92.21.51.10.80,	5 0.4 0.4 0.4 0.4 0.5 0.7 1.0 1.4 1.5	2.6 3.1 3.2 3.1 3.0 2.9 2.9	3.0 3.0 2.7 2.2 1.7 1.2 0.8 0.6	5 0.4 0.3 0.2 0.1 0.1 0.1 0.1 • • • • • • •						<u>0.0 0.0 0.0 0.0 0.0 0.0 0.0</u>	0.0 0.0 0.0 0.0 0.0 0.0			0 0 0 8
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								210 010 010 010 U,U			~~ <i>/</i>	0.0 0.0 (

Statistics									
Description	Symbol	Avg	Max	Min					
Property Line	+	0.0 fc	0.4 fc	0.0 fc					

