Administrative Site Review Application



٦

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				
	Development Type all that apply)	Site Transaction History		
Detached Attached Townhouse Apartment Tiny house Open lot	General Mixed use Civic Cottage Court Frequent Transit Development Option	Subdivision case #: Scoping/sketch plan case #: Certificate of Appropriateness #: Board of Adjustment #: Zoning Case #: Design Alternate #:		
	GENERAL	NFORMATION		
Development name:				
Inside City limits? Yes	s No			
Property address(es):				
Site P.I.N.(s):				
Please describe the scope	e of work. Include any additions,	expansions, and uses (UDO 6.1.4).		
Current Property Owner	(s):			
Company:		Title:		
Address:				
Phone #:	Email:			
Applicant Name (If differ	ent from owner. See "who ca	n apply" in instructions):		
Relationship to owner:	Lessee or contract purchaser	Owner's authorized agent Easement holder		
Company:	Address:			

Phone #:	Email:
NOTE: please attach purchase agreemen	t or contract, lease or easement when submitting this form.
Developer Contact:	
Company:	Title:
Address:	
Phone #:	Email:
Applicant Name:	
Company:	Address:
Phone #:	Email:

	DEVELOPMENT TYPE + SITE DATE TABLE (Applicable to all developments)			
SITE DATA	BUILDING DATA			
Zoning district(s) (please provide the acreage of each):	Existing gross floor area (not to be demolished):			
Gross site acreage:	Existing gross floor area to be demolished:			
# of parking spaces proposed:	New gross floor area:			
Max # parking permitted (7.1.2.C):	Total sf gross (to remain and new):			
Overlay District (if applicable):	Proposed # of buildings:			
Existing use (UDO 6.1.4):	Proposed # of stories for each:			
Proposed use (UDO 6.1.4):	Proposed # of basement levels (UDO 1.5.7.A.6)			

STORMWATER INFORMATION		
Imperious Area on Parcel(s): Existing (sf) Proposed total (sf)	Impervious Area for Compliance (includes ROW):	
	Existing (sf) Proposed total (sf)	

RESIDENTIAL & OVERNIGHT LODGING DEVELOPMENTS				
Total # of dwelling units:	Total # of hotel bedrooms:			
# of bedroom units: 1br <u>28</u> 2br <u>28</u> 3br	4br or more			
# of lots:	Is your project a cottage court? Yes No			
	A frequent transit development? Yes No			

Continue to Applicant Signature Block on Page Three.

REVISION 1.23.23

Page 2 of 3

raleighnc.gov

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.

Signature: Ale D 2	Date: 2	5 2024
Printed Name: Lyle D. Gardner		

Please review UDO Section a Site Plan Tier Verification fee for this verification servic Site Plan Tier: Tier Two Building and (Check a Detached Attached Townhouse ✓ Apartment Tiny house Open lot	request can be submitted or ce.)	e plan tier. If assistance determining a Site Plan Ti- line via the <u>Permit and Development Portal</u> . (Note nree Site Plan				
Site Plan Tier: Tier Two Building and (Check a Detached Attached Townhouse Apartment Tiny house Open lot	Site Plan Tier Tier Tier Tier Tier Tier Tier Tier	Site Transaction History				
(Check a □ Detached □ Attached □ Townhouse ✓ Apartment □ Tiny house □ Open lot	all that apply) General Mixed use Civic Cottage Court Frequent Transit					
 Attached Townhouse ✓ Apartment Tiny house Open lot 	Mixed use Civic Cottage Court Frequent Transit)RD
 Townhouse Apartment Tiny house Open lot 	Civic Cottage Court Frequent Transit	Subdivision case #:				
Tiny house	Frequent Transit	Scoping/sketch plan case #: Certificate of Appropriateness #:				
Open lot		Board of Adjustment #: Zoning Case #:				
		Design Alternate #:				
	GENERA					
	s 🖌 No 🗌					
roperty address(es): 370	00 Lake Woodard Drive					
ite P.I.N.(s): 1724-46-77 lease describe the scope		ns, expansions, and uses (UDO 6.1.4).				
6-unit senior affordabl	le housing project with as	sociated infrastructure.				
	s): Lake Haven Associate					
Company: Lake Haven A Address: 10501 Charmfo	Associates LLC ord Way, Raleigh, NC 27	Title: Land Owner 615				
Phone #: 919-848-2041	Email: tir	n@eccmgt.com				
		can apply" in instructions):	er		AK	CHITEC
Company: Lake Haven A					TIGHT	LINES DES
age 1 of 3	Address.	DE	VISION 1.23.23	19 W H	ARGE	TT STREET
			leighnc.gov		RALE	IGH, NC 27
					GA	
						9) 834-3600
Phone #:	Email:			GABIO	•	LINESDES
		act, lease or easement when submitting this for	m		9110111	
Developer Contact: Tim Company: EVERGREEN	<u> </u>					
	N CONSTRUCTION COM	(IPP) Little: Manager				
	RKS RD; SUITE 300, RAI	_EIGH, NC 27609				
Address: 5711 SIX FOR Phone #: 919-848-2041 Applicant Name: Lake Ha	RKS RD; SUITE 300, RAI Email: tir					Sheet List
hone #: 919-848-2041 pplicant Name: Lake Ha company: Lake Haven A	RKS RD; SUITE 300, RAI Email: tir aven Associates LLC Associates LLC Address:	EIGH, NC 27609 m@eccmgt.com 10501 Charmford Way, Raleigh, NC 27615		S	Sheet Number	
hone #: 919-848-2041 pplicant Name: Lake Ha ompany: Lake Haven A	RKS RD; SUITE 300, RAI Email: tir aven Associates LLC Associates LLC Address:	EIGH, NC 27609 n@eccmgt.com		S	C0.0	s CC
none #: 919-848-2041 oplicant Name: Lake Ha ompany: Lake Haven A	RKS RD; SUITE 300, RAI Email: tir aven Associates LLC Associates LLC Address: Email: tir	EIGH, NC 27609 m@eccmgt.com 10501 Charmford Way, Raleigh, NC 27615 n@eccmgt.com		S		
none #: 919-848-2041 oplicant Name: Lake Ha ompany: Lake Haven A	RKS RD; SUITE 300, RAI Email: tir aven Associates LLC Associates LLC Address: Email: tir DEVELOPMENT T	EIGH, NC 27609 m@eccmgt.com 10501 Charmford Way, Raleigh, NC 27615		S 	C0.0 C1.0	CC EXISTING CONDITION
none #: 919-848-2041 oplicant Name: Lake Ha ompany: Lake Haven A none #: 919-848-2041 SITE	RKS RD; SUITE 300, RAI Email: tir aven Associates LLC Associates LLC Email: tir Email: tir DEVELOPMENT T (Applicable to EDATA	EIGH, NC 27609 m@eccmgt.com 10501 Charmford Way, Raleigh, NC 27615 m@eccmgt.com YPE + SITE DATE TABLE to all developments) BUILDING DATA		S 	C0.0 C1.0 C2.0 C2.1 C2.2	EXISTING CONDITIONS EXISTING CONDITIONS PAV FIRE APP
hone #: 919-848-2041 pplicant Name: Lake Ha ompany: Lake Haven <i>A</i> hone #: 919-848-2041 SITE pning district(s) (please p X-3	RKS RD; SUITE 300, RAI Email: tir aven Associates LLC Associates LLC Address: Email: tir DEVELOPMENT T (Applicable t	EIGH, NC 27609 m@eccmgt.com 10501 Charmford Way, Raleigh, NC 27615 m@eccmgt.com YPE + SITE DATE TABLE to all developments) BUILDING DATA Existing gross floor area (not to be demolished) 0		S 	C0.0 C1.0 C2.0 C2.1 C2.2 C2.3	EXISTING CONDITIONS EXISTING CONDITIONS PAV FIRE APP WASTE S
hone #: 919-848-2041 pplicant Name: Lake Ha ompany: Lake Haven <i>A</i> hone #: 919-848-2041 SITE oning district(s) (please p X-3 ross site acreage: 8.46 Acres	RKS RD; SUITE 300, RAI Email: tir aven Associates LLC Associates LLC Address: Email: tir DEVELOPMENT T (Applicable to EDATA provide the acreage of each):	FIGH, NC 27609 n@eccmgt.com 10501 Charmford Way, Raleigh, NC 27615 n@eccmgt.com YPE + SITE DATE TABLE to all developments) BUILDING DATA Existing gross floor area (not to be demolished) 0 Existing gross floor area to be demolished: 0		S 	C0.0 C1.0 C2.0 C2.1 C2.2 C2.3 C3.0	EXISTING CONDITION EXISTING CONDITION PAV FIRE APP WASTE S GRADING A
hone #: 919-848-2041 pplicant Name: Lake Ha ompany: Lake Haven A hone #: 919-848-2041 SITE oning district(s) (please p X-3 ross site acreage: 8.46 Acres of parking spaces propos	RKS RD; SUITE 300, RAI Email: tir aven Associates LLC Associates LLC Address: Email: tir DEVELOPMENT T (Applicable to DATA provide the acreage of each):	_EIGH, NC 27609 m@eccmgt.com 10501 Charmford Way, Raleigh, NC 27615 n@eccmgt.com YPE + SITE DATE TABLE to all developments) BUILDING DATA Existing gross floor area (not to be demolished) 0 Existing gross floor area to be demolished:		S 	C0.0 C1.0 C2.0 C2.1 C2.2 C2.3	EXISTING CONDITIONS EXISTING CONDITIONS PAV FIRE APP WASTE S
hone #: 919-848-2041 pplicant Name: Lake Ha company: Lake Haven A hone #: 919-848-2041 SITE oning district(s) (please p CX-3 cross site acreage: 3.46 Acres of parking spaces proposed fax # parking permitted (7 overlay District (if applicab	RKS RD; SUITE 300, RAI Email: tir aven Associates LLC Associates LLC Address: Email: tir DEVELOPMENT T (Applicable to DATA Dorovide the acreage of each): sed: 81 7.1.2.C): 105 Die): None	EIGH, NC 27609 m@eccmgt.com 10501 Charmford Way, Raleigh, NC 27615 m@eccmgt.com YPE + SITE DATE TABLE to all developments) BUILDING DATA Existing gross floor area (not to be demolished) 0 Existing gross floor area to be demolished: 0 New gross floor area: 64,639 SF Total sf gross (to remain and new): 0 Proposed # of buildings: 1		S 	C0.0 C1.0 C2.0 C2.1 C2.2 C2.3 C3.0 C3.1	EXISTING CONDITION EXISTING CONDITION PAV FIRE APP WASTE S GRADING A SC
Phone #: 919-848-2041 Applicant Name: Lake Ha Company: Lake Haven A Phone #: 919-848-2041 SITE Soning district(s) (please p CX-3 Pross site acreage: 3.46 Acres of parking spaces proposed Max # parking permitted (7 Overlay District (if applicable Existing use (UDO 6.1.4):	RKS RD; SUITE 300, RAI Email: tir aven Associates LLC Associates LLC Address: Email: tir DEVELOPMENT T (Applicable to DATA Dorovide the acreage of each): sed: 81 7.1.2.C): 105 Die): None	EIGH, NC 27609 m@eccmgt.com 10501 Charmford Way, Raleigh, NC 27615 m@eccmgt.com YPE + SITE DATE TABLE to all developments) BUILDING DATA Existing gross floor area (not to be demolished) 0 Existing gross floor area to be demolished: 0 New gross floor area: 64,639 SF Total sf gross (to remain and new): 0		S 	C0.0 C1.0 C2.0 C2.1 C2.2 C2.3 C3.0 C3.1 C3.2 C3.3 C3.3 C5.0	EXISTING CONDITION EXISTING CONDITION PAV FIRE APP WASTE S GRADING A SC SPOT UT
hone #: 919-848-2041 pplicant Name: Lake Ha ompany: Lake Haven A hone #: 919-848-2041 SITE oning district(s) (please p X-3 ross site acreage: 8.46 Acres of parking spaces propos lax # parking permitted (7 verlay District (if applicab xisting use (UDO 6.1.4):	RKS RD; SUITE 300, RAI Email: tir aven Associates LLC Associates LLC Address: Email: tir DEVELOPMENT T (Applicable to DATA brovide the acreage of each): sed: 81 7.1.2.C): 105 Die): None Vacant	EIGH, NC 27609 m@eccmgt.com 10501 Charmford Way, Raleigh, NC 27615 n@eccmgt.com YPE + SITE DATE TABLE to all developments) BUILDING DATA Existing gross floor area (not to be demolished) 0 Existing gross floor area to be demolished: 0 New gross floor area: 64,639 SF Total sf gross (to remain and new): 0 Proposed # of buildings: 1 Proposed # of stories for each: 3 3		S 	C0.0 C1.0 C2.0 C2.1 C2.2 C2.3 C3.0 C3.1 C3.2 C3.3 C5.0 C5.1	EXISTING CONDITION EXISTING CONDITION PAV FIRE APP WASTE S GRADING A SC SPOT UT LIG
hone #: 919-848-2041 pplicant Name: Lake Ha company: Lake Haven A hone #: 919-848-2041 SITE oning district(s) (please p CX-3 iross site acreage: 3.46 Acres of parking spaces propos lax # parking permitted (7 Iverlay District (if applicab xisting use (UDO 6.1.4): roposed use (UDO 6.1.4)	RKS RD; SUITE 300, RAI Email: tir aven Associates LLC Associates LLC Address: Email: tir DEVELOPMENT T (Applicable f a DATA orovide the acreage of each): sed: 81 7.1.2.C): 105 ble): None Vacant): Affordable Apartments	EIGH, NC 27609 m@eccmgt.com 10501 Charmford Way, Raleigh, NC 27615 m@eccmgt.com YPE + SITE DATE TABLE to all developments) BUILDING DATA Existing gross floor area (not to be demolished) 0 Existing gross floor area to be demolished: 0 New gross floor area: 64,639 SF Total sf gross (to remain and new): 0 Proposed # of buildings: 1 Proposed # of stories for each: 3 Proposed # of stories for each: 3 TER INFORMATION		S 	C0.0 C1.0 C2.0 C2.1 C2.2 C2.3 C3.0 C3.1 C3.2 C3.3 C5.0 C5.1 C6.0	EXISTING CONDITION EXISTING CONDITION PAV FIRE APP WASTE S GRADING A SC SPOT UT LIG LANI
hone #: 919-848-2041 pplicant Name: Lake Ha ompany: Lake Haven A hone #: 919-848-2041 SITE oning district(s) (please p :X-3 ross site acreage: 6.46 Acres of parking spaces propos ax # parking permitted (7 verlay District (if applicab kisting use (UDO 6.1.4): roposed use (UDO 6.1.4):	RKS RD; SUITE 300, RAI Email: tir aven Associates LLC Associates LLC Address: Email: tir DEVELOPMENT T (Applicable 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	EIGH, NC 27609 m@eccmgt.com 10501 Charmford Way, Raleigh, NC 27615 m@eccmgt.com YPE + SITE DATE TABLE to all developments) BUILDING DATA Existing gross floor area (not to be demolished) 0 Existing gross floor area to be demolished: 0 New gross floor area: 64,639 SF Total sf gross (to remain and new): 0 Proposed # of buildings: 1 Proposed # of stories for each: 3 Proposed # of basement levels (UDO 1.5.7.A.6)			C0.0 C1.0 C2.0 C2.1 C2.2 C2.3 C3.0 C3.1 C3.2 C3.3 C5.0 C5.1	EXISTING CONDITION EXISTING CONDITION PAV FIRE APP WASTE S GRADING A SC SPOT UT LIG
none #: 919-848-2041 oplicant Name: Lake Ha ompany: Lake Haven A none #: 919-848-2041 SITE SITE oning district(s) (please p X-3 ross site acreage: .46 Acres of parking spaces propos ax # parking permitted (7 verlay District (if applicab tisting use (UDO 6.1.4): oposed use (UDO 6.1.4):	RKS RD; SUITE 300, RAI Email: tir aven Associates LLC Associates LLC Address: Email: tir DEVELOPMENT T (Applicable f a DATA orovide the acreage of each): sed: 81 7.1.2.C): 105 ble): None Vacant): Affordable Apartments	EIGH, NC 27609 m@eccmgt.com 10501 Charmford Way, Raleigh, NC 27615 n@eccmgt.com YPE + SITE DATE TABLE to all developments) BUILDING DATA Existing gross floor area (not to be demolished) 0 0 Existing gross floor area to be demolished: 0 0 Proposed # of buildings: 1 Proposed # of stories for each: 3 Proposed # of basement levels (UDO 1.5.7.A.6) TER INFORMATION Impervious Area for Compliance			C0.0 C1.0 C2.0 C2.1 C2.2 C2.3 C3.0 C3.1 C3.2 C3.3 C5.0 C5.1 C6.0 C6.1	Second Se
one #: 919-848-2041 plicant Name: Lake Ha mpany: Lake Haven A one #: 919-848-2041 SITE ning district(s) (please p X-3 oss site acreage: 46 Acres of parking spaces propos tx # parking permitted (7 erlay District (if applicab isting use (UDO 6.1.4): oposed use (UDO 6.1.4): oposed use (UDO 6.1.4) poposed use (UDO 6.1.4)	RKS RD; SUITE 300, RAI Email: tir aven Associates LLC Associates LLC Address: Email: tir DEVELOPMENT T (Applicable f EDATA orovide the acreage of each): Sed: 81 7.1.2.C): 105 De): None Vacant): Affordable Apartments STORMWA I(s): Proposed total (sf) 2.05 RESIDENTIAL & OVERNIC	EIGH, NC 27609 m@eccmgt.com 10501 Charmford Way, Raleigh, NC 27615 m@eccmgt.com YPE + SITE DATE TABLE to all developments) BUILDING DATA Existing gross floor area (not to be demolished) 0 Existing gross floor area to be demolished: 0 New gross floor area: 64,639 SF Total sf gross (to remain and new): 0 Proposed # of buildings: 1 Proposed # of stories for each: 3 Proposed # of basement levels (UDO 1.5.7.A.6) TER INFORMATION Impervious Area for Compliance (includes ROW): Existing (sf) 0 Proposed total (sf) GHT LODGING DEVELOPMENTS			C0.0 C1.0 C2.0 C2.1 C2.2 C2.3 C3.0 C3.1 C3.2 C3.3 C5.0 C5.1 C6.0 C6.1 C6.2 C7.0 C7.1	Second Se
none #: 919-848-2041 oplicant Name: Lake Ha ompany: Lake Haven A none #: 919-848-2041 SITE oning district(s) (please p X-3 ross site acreage: .46 Acres of parking spaces propos ax # parking permitted (7 verlay District (if applicab disting use (UDO 6.1.4): oposed use (UDO 6.1.4): oposed use (UDO 6.1.4): apperious Area on Parcel fixisting (sf) <u>0.42</u> fotal # of dwelling units: {	RKS RD; SUITE 300, RAI Email: tir aven Associates LLC Associates LLC Address: Email: tir DEVELOPMENT T (Applicable t Email: tir Email: tir DEVELOPMENT T (Applicable t Email: tir Sed: 81 7.1.2.C): 105 Die): None Vacant Die): None Vacant Die): None Vacant Die): Affordable Apartments STORMWA ((s): Proposed total (sf) 2.05 RESIDENTIAL & OVERNIC	EIGH, NC 27609 m@eccmgt.com 10501 Charmford Way, Raleigh, NC 27615 n@eccmgt.com YPE + SITE DATE TABLE to all developments) BUILDING DATA Existing gross floor area (not to be demolished) 0 0 Existing gross floor area to be demolished: 0 0 Proposed # of buildings: 1 Proposed # of stories for each: 3 Proposed # of basement levels (UDO 1.5.7.A.6) TER INFORMATION Impervious Area for Compliance (includes ROW): Existing (sf) 0 Proposed total (sf) BHT LODGING DEVELOPMENTS Total # of hotel bedrooms: 0			C0.0 C1.0 C2.0 C2.1 C2.2 C2.3 C3.0 C3.1 C3.2 C3.3 C5.0 C5.1 C6.0 C6.1 C6.2 C7.0 C7.1 C7.2	Second Se
ione #: 919-848-2041 iplicant Name: Lake Haven A ione #: 919-848-2041 SITE ning district(s) (please p X-3 oss site acreage: 46 Acres of parking spaces propose ax # parking permitted (7 verlay District (if applicab isting use (UDO 6.1.4): oposed use (UD	RKS RD; SUITE 300, RAI Email: tir aven Associates LLC Associates LLC Address: Email: tir DEVELOPMENT T (Applicable t Email: tir Email: tir DEVELOPMENT T (Applicable t Email: tir Sed: 81 7.1.2.C): 105 Die): None Vacant Die): None Vacant Die): None Vacant Die): Affordable Apartments STORMWA ((s): Proposed total (sf) 2.05 RESIDENTIAL & OVERNIC	LEIGH, NC 27609 m@eccmgt.com 10501 Charmford Way, Raleigh, NC 27615 m@eccmgt.com YPE + SITE DATE TABLE to all developments) BUILDING DATA Existing gross floor area (not to be demolished) 0 Existing gross floor area to be demolished: 0 New gross floor area: 64,639 SF Total sf gross (to remain and new): 0 Proposed # of buildings: 1 Proposed # of stories for each: 3 Proposed # of basement levels (UDO 1.5.7.A.6) TER INFORMATION Impervious Area for Compliance (includes ROW): Existing (sf) 0 Proposed total (sf) . GHT LODGING DEVELOPMENTS Total # of hotel bedrooms: 0 4br or more Is your project a cottage court? Yes (0 0 1705 No		C0.0 C1.0 C2.0 C2.1 C2.2 C2.3 C3.0 C3.1 C3.2 C3.3 C5.0 C5.1 C6.0 C6.1 C6.2 C7.0 C7.1 C7.2 C7.3	EXISTING CONDITION EXISTING CONDITION PAV FIRE APP WASTE S GRADING A CONTENT CONTENT CONTENT NOTES
none #: 919-848-2041 oplicant Name: Lake Haven A none #: 919-848-2041 SITE ning district(s) (please p X-3 oss site acreage: 46 Acres of parking spaces propose ax # parking permitted (7 verlay District (if applicable isting use (UDO 6.1.4): oposed use (UD 6.1.4): oposed use (RKS RD; SUITE 300, RAI Email: tir aven Associates LLC Associates LLC Address: Email: tir DEVELOPMENT T (Applicable t Email: tir Email: tir DEVELOPMENT T (Applicable t Email: tir Sed: 81 7.1.2.C): 105 Die): None Vacant Die): None Vacant Die): None Vacant Die): Affordable Apartments STORMWA ((s): Proposed total (sf) 2.05 RESIDENTIAL & OVERNIC	EIGH, NC 27609 m@eccmgt.com 10501 Charmford Way, Raleigh, NC 27615 m@eccmgt.com YPE + SITE DATE TABLE to all developments) BUILDING DATA Existing gross floor area (not to be demolished) 0 Existing gross floor area to be demolished: 0 New gross floor area: 64,639 SF Total sf gross (to remain and new): 0 Proposed # of buildings: 1 Proposed # of stories for each: 3 Proposed # of basement levels (UDO 1.5.7.A.6) Impervious Area for Compliance (includes ROW): Existing (sf) 0 Proposed total (sf) GHT LODGING DEVELOPMENTS Total # of hotel bedrooms: 0	0 0 1705 No		C0.0 C1.0 C2.0 C2.1 C2.2 C2.3 C3.0 C3.1 C3.2 C3.3 C5.0 C5.1 C6.0 C6.1 C6.2 C7.0 C7.1 C7.2	Second Se
none #: 919-848-2041 pplicant Name: Lake Ha pmpany: Lake Haven A none #: 919-848-2041 SITE sing district(s) (please p X-3 oss site acreage: .46 Acres of parking spaces propos ax # parking permitted (7 rerlay District (if applicab isting use (UDO 6.1.4): oposed use (UDO 6.1.4): oposed use (UDO 6.1.4) isting use (UDO 6.1.4) isting use (UDO 6.1.4) oposed use (UDO 6.1.4) isting (sf) 0.42	RKS RD; SUITE 300, RAI Email: tir aven Associates LLC Associates LLC Address: Email: tir DEVELOPMENT T (Applicable for sed: 81 7.1.2.C): 105 Dele): None Vacant D: Affordable Apartments STORMWA I(s): Proposed total (sf) 2.05 RESIDENTIAL & OVERNIG Stor	LEIGH, NC 27609 m@eccmgt.com 10501 Charmford Way, Raleigh, NC 27615 m@eccmgt.com YPE + SITE DATE TABLE to all developments) BUILDING DATA Existing gross floor area (not to be demolished) 0 Existing gross floor area to be demolished: 0 New gross floor area: 64,639 SF Total sf gross (to remain and new): 0 Proposed # of buildings: 1 Proposed # of stories for each: 3 Proposed # of basement levels (UDO 1.5.7.A.6) TER INFORMATION Impervious Area for Compliance (includes ROW): Existing (sf) 0 Proposed total (sf) . GHT LODGING DEVELOPMENTS Total # of hotel bedrooms: 0 4br or more Is your project a cottage court? Yes (0 0 1705 No		C0.0 C1.0 C2.0 C2.1 C2.2 C2.3 C3.0 C3.1 C3.2 C3.3 C5.0 C5.1 C6.0 C6.1 C6.2 C7.0 C7.1 C7.2 C7.3 C7.4	EXISTING CONDITION EXISTING CONDITION PAV FIRE APP WASTE S GRADING A GRADING A SO SPOT UT LIG LAND LAND TREE CON NOTES NOTES
none #: 919-848-2041 oplicant Name: Lake Ha ompany: Lake Haven A none #: 919-848-2041 SITE oning district(s) (please p X-3 ross site acreage: .46 Acres of parking spaces propos ax # parking permitted (7 verlay District (if applicab disting use (UDO 6.1.4): oposed use (UDO 6.1.4): oposed use (UDO 6.1.4) mperious Area on Parcel existing (sf) 0.42 otal # of dwelling units: 1 of lots: 1	RKS RD; SUITE 300, RAI Email: tir aven Associates LLC Associates LLC Address: Email: tir DEVELOPMENT T (Applicable for sed: 81 7.1.2.C): 105 Dele): None Vacant D: Affordable Apartments STORMWA I(s): Proposed total (sf) 2.05 RESIDENTIAL & OVERNIG Stor	LEIGH, NC 27609 n@eccmgt.com 10501 Charmford Way, Raleigh, NC 27615 n@eccmgt.com YPE + SITE DATE TABLE BUILDING DATA Existing gross floor area (not to be demolished) 0 Existing gross floor area to be demolished: 0 Existing gross floor area: 64,639 SF Total sf gross (to remain and new): 0 Proposed # of buildings: 1 Proposed # of stories for each: 3 Proposed # of stories for each: 3 Proposed # of basement levels (UDO 1.5.7.A.6) EXISTING COMPLIANCE Impervious Area for Compliance (includes ROW): Existing (sf) 0 Proposed total (sf) SHT LODGING DEVELOPMENTS Total # of hotel bedrooms: 0 4br or more Is your project a cottage court? Yes (A frequent transit development?	0 0 1705 No		C0.0 C1.0 C2.0 C2.1 C2.2 C2.3 C3.0 C3.1 C3.2 C3.3 C5.0 C5.1 C6.0 C5.1 C6.0 C6.1 C6.2 C7.0 C7.1 C7.2 C7.3 C7.3 C7.4 C7.5 C7.6 C7.7	Image: Stress of the second
Phone #: 919-848-2041 Applicant Name: Lake Ha Company: Lake Haven A Phone #: 919-848-2041 SITE Coning district(s) (please p CX-3 Gross site acreage: 3.46 Acres 6 of parking spaces propose Max # parking permitted (7 Overlay District (if applicab Existing use (UDO 6.1.4): Proposed use (UDO 6.1.4): Proposed use (UDO 6.1.4) Existing use (UDO 6.1.4) Existing (sf) 0.42 Total # of dwelling units: { # of bedroom units: 1br # of lots: 1	RKS RD; SUITE 300, RAI Email: tir aven Associates LLC Associates LLC Address: Email: tir DEVELOPMENT T (Applicable for sed: 81 7.1.2.C): 105 Dele): None Vacant D: Affordable Apartments STORMWA I(s): Proposed total (sf) 2.05 RESIDENTIAL & OVERNIG Stor	LEIGH, NC 27609 n@eccmgt.com 10501 Charmford Way, Raleigh, NC 27615 n@eccmgt.com YPE + SITE DATE TABLE BUILDING DATA Existing gross floor area (not to be demolished) 0 Existing gross floor area to be demolished: 0 Existing gross floor area: 64,639 SF Total sf gross (to remain and new): 0 Proposed # of buildings: 1 Proposed # of stories for each: 3 Proposed # of stories for each: 3 Proposed # of basement levels (UDO 1.5.7.A.6) EXISTING COMPLIANCE Impervious Area for Compliance (includes ROW): Existing (sf) 0 Proposed total (sf) SHT LODGING DEVELOPMENTS Total # of hotel bedrooms: 0 4br or more Is your project a cottage court? Yes (A frequent transit development?	0 0 1705 No		C0.0 C1.0 C2.0 C2.1 C2.2 C2.3 C3.0 C3.1 C3.2 C3.3 C5.0 C5.1 C6.0 C6.1 C6.2 C7.0 C7.1 C7.2 C7.3 C7.4 C7.5 C7.6 C7.7 C7.8	Image: Stress of the second stress of the
Phone #: 919-848-2041 Applicant Name: Lake Ha Company: Lake Haven A Phone #: 919-848-2041 SITE Coning district(s) (please p CX-3 Gross site acreage: 3.46 Acres 4 of parking spaces propose Max # parking permitted (7 Dverlay District (if applicab Existing use (UDO 6.1.4): Proposed use (UDO 6.1.4): Proposed use (UDO 6.1.4) Imperious Area on Parcel Existing (sf) 0.42 Total # of dwelling units: { # of bedroom units: 1br # of lots: 1	RKS RD; SUITE 300, RAI Email: tir aven Associates LLC Associates LLC Address: Email: tir DEVELOPMENT T (Applicable for sed: 81 7.1.2.C): 105 Dele): None Vacant D: Affordable Apartments STORMWA I(s): Proposed total (sf) 2.05 RESIDENTIAL & OVERNIG Stor	LEIGH, NC 27609 m@eccmgt.com 10501 Charmford Way, Raleigh, NC 27615 m@eccmgt.com YPE + SITE DATE TABLE to all developments) BUILDING DATA Existing gross floor area (not to be demolished) 0 Existing gross floor area (not to be demolished) 0 New gross floor area: 64,639 SF Total sf gross (to remain and new): 0 Proposed # of buildings: 1 Proposed # of stories for each: 3 Proposed # of basement levels (UDO 1.5.7.A.6) TER INFORMATION Impervious Area for Compliance (includes ROW): Existing (sf) 0 Proposed total (sf) GHT LODGING DEVELOPMENTS Total # of hotel bedrooms: 0 4br or more Is your project a cottage court? Yes (A frequent transit development? Yes (Internet Block on Page Three. Yes (Internet Block on Page Three)	0 0 1705 No		C0.0 C1.0 C2.0 C2.1 C2.2 C2.3 C3.0 C3.1 C3.2 C3.3 C5.0 C5.1 C6.0 C5.1 C6.0 C6.1 C6.2 C7.0 C7.1 C7.2 C7.3 C7.3 C7.4 C7.5 C7.6 C7.7	Image: Stress of the second

ASR SUBMITTAL LAKE HAVEN ABLE HOUSING DEVELOPMENT TIER 3 SITE PLAN 3700 LAKE WOODARD DR RALEIGH, NC 27604 WAKE COUNTY

T: IGN SUITE 501 501

CIVIL ENGINEER:

TIMMONS GROUP 5410 TRINITY ROAD, SUITE 102 RALEIGH, NC 27607 PATRICK BARBEAU, PE (919) 866-4512 PATRICK.BARBEAU@TIMMONS.COM

DEVELOPER:

EVERGREEN CONSTRUCTION COMPANY 5711 SIX FORKS RD; SUITE 300 RALEIGH, NC 27609 TIMOTHY G. MORGAN (919) 848-2041 TIM@ECCMGT.COM

IGNS.COM

able eet Title ER SHEET IS AND DEMOLITION PLAN FE PLAN MENT PLAN RATUS ROUTING RVICE ROUTING D DRAINAGE PLAN I DETAILS I DETAILS RADING PLAN _ITY PLAN TING PLAN CAPE PLAN CAPE DETAIL ERVATION AREA AND DETAILS AND DETAILS AND DETAILS

CX-3 ZONING ON AC ITE AREA < 5 AC

I MEETING NOTES 10/03/2023

THEMSELVES WITH SITE CONDITIONS PRIOR TO BIDDING OR CONSTRUCTION. BY SUBMITTING A BID, THE CONTRACTOR AND HIS SUBCONTRACTORS ARE CONFIRMING THAT THEY HAVE VISITED THE SITE AND HAVE INCLUDED IN THEIR BID ANY ADDITIONAL ITEMS OF CONSTRUCTION THAT MAY BE REQUIRED DUE TO EXISTING SITE CONDITIONS.

RIVE IS AN AVENUE 2-LANE DIVIDED ROAD WITH A 66 FOOT REQUIRED ROW. LAN IT WAS SUGGESTED THAT A FEE-IN-LIEU FOR THE BIKE LANE WOULD BE AN E THERE ARE NO BIKE LANES IN THIS AREA OF RALIEGH. W DESIGN WOULD BE A 6' PLANTED SECTION AND A 6' SIDEWALK WITH NO BIKE LANE. SLOPE EASEMENT FOR A FUTURE BIKE LANE

VICINITY MAP

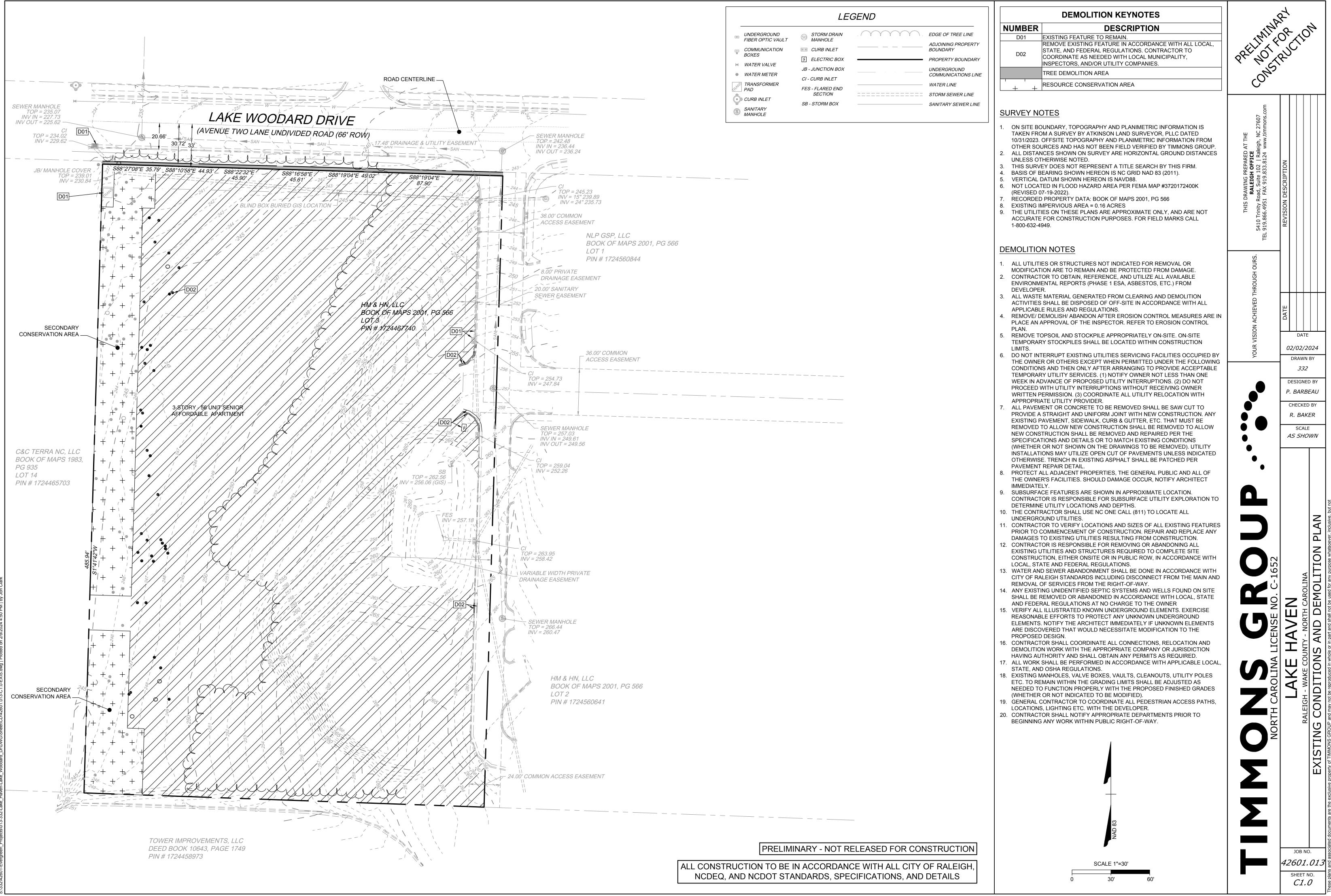
NTS

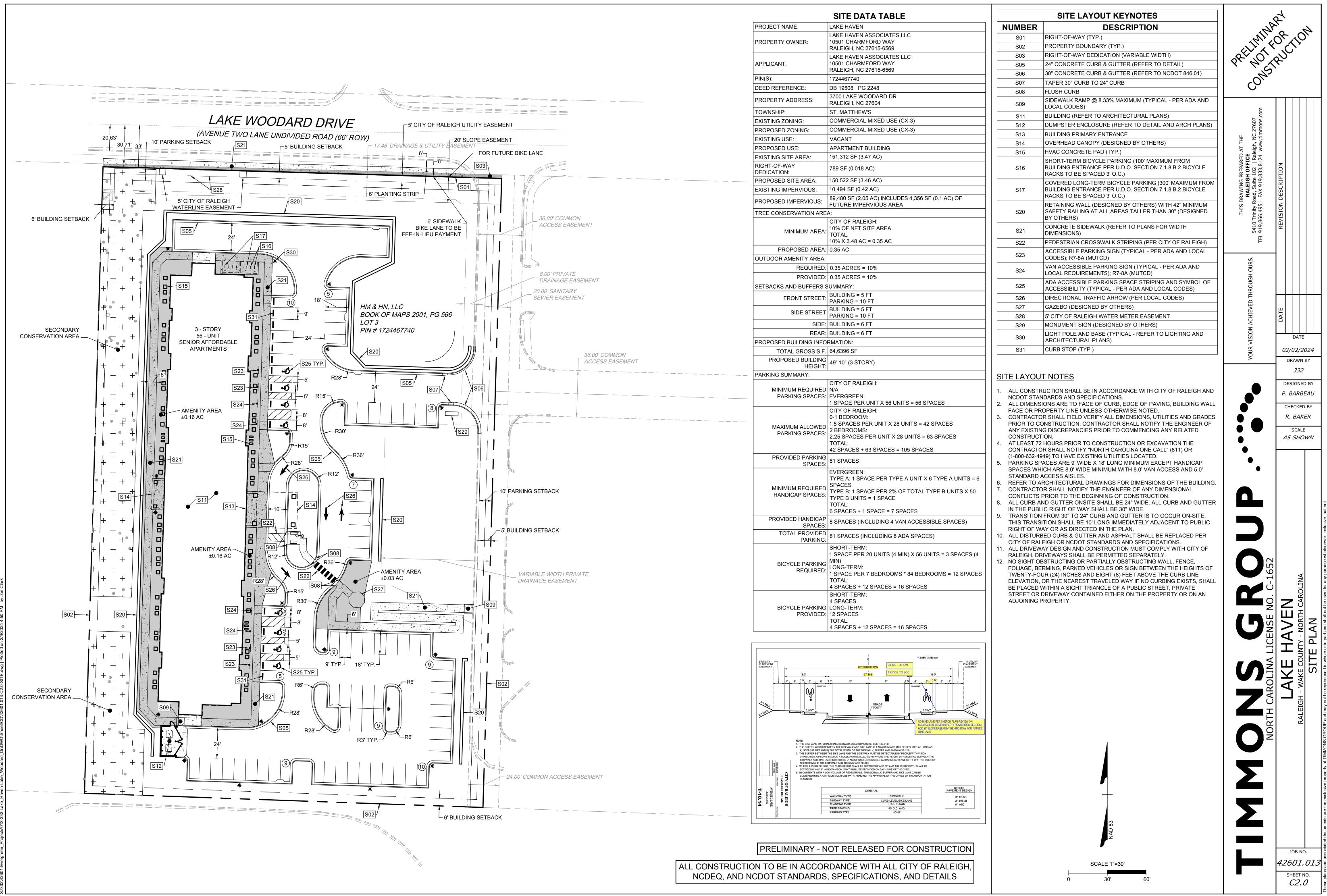
ALL CONTRACTORS SHALL VISIT THE PROJECT TO FAMILIARIZE

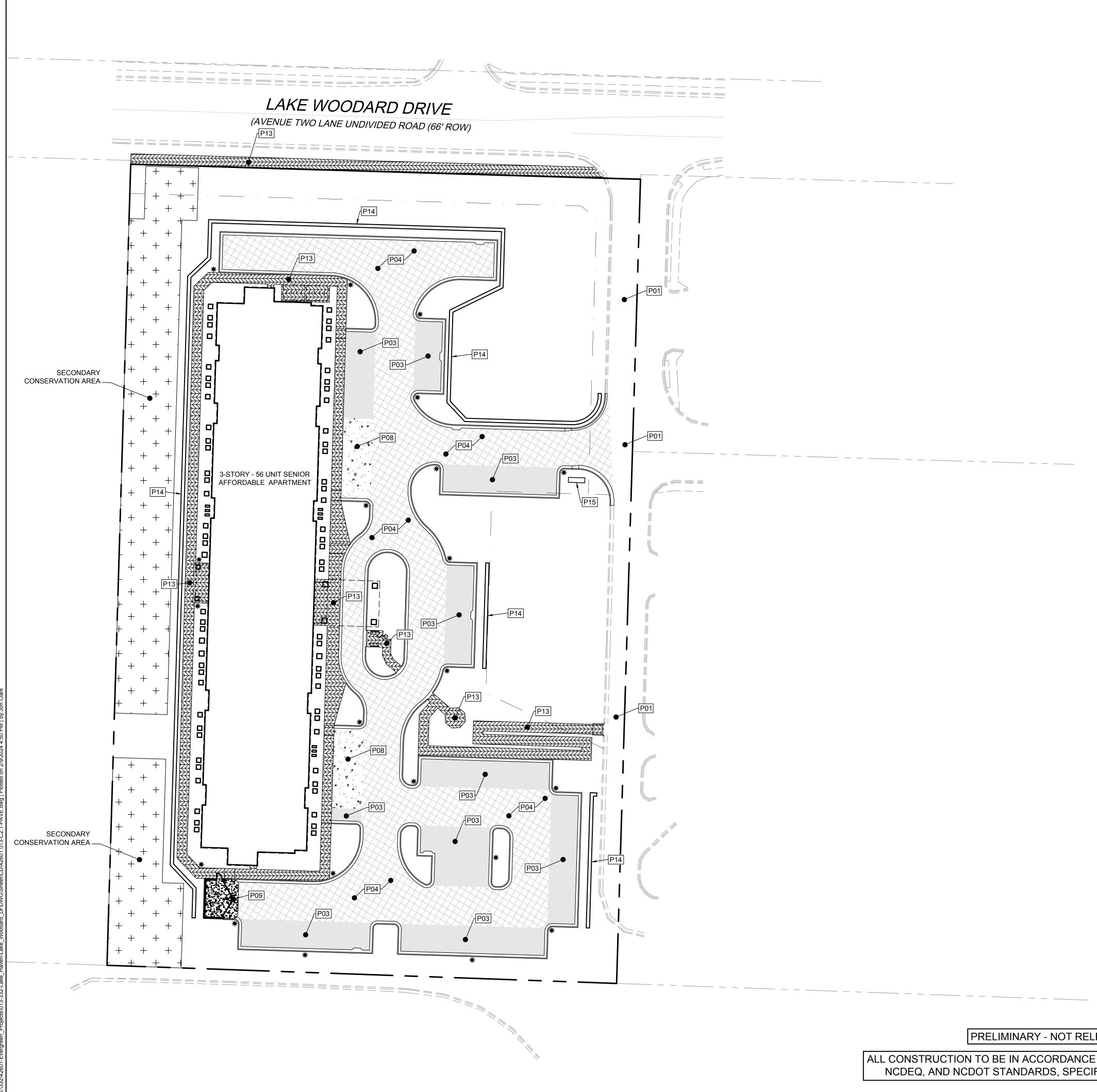
GENERAL NOTE

AND DETAILS JRAL ELEVATIONS R 8.3.2.A.2.b

	SITE DATA TABLE
PROJECT NAME:	LAKE HAVEN
PROPERTY OWNER:	LAKE HAVEN ASSOCIATES LLC 10501 CHARMFORD WAY RALEIGH, NC 27615-6569
APPLICANT:	LAKE HAVEN ASSOCIATES LLC 10501 CHARMFORD WAY RALEIGH, NC 27615-6569
PIN(S):	1724467740
DEED REFERENCE:	DB 19508 PG 2248
PROPERTY ADDRESS:	3700 LAKE WOODARD DR RALEIGH, NC 27604
TOWNSHIP:	ST. MATTHEW'S
EXISTING ZONING:	COMMERCIAL MIXED USE (CX-3)
PROPOSED ZONING:	COMMERCIAL MIXED USE (CX-3)
EXISTING USE:	VACANT
PROPOSED USE:	APARTMENT BUILDING
EXISTING SITE AREA:	151,312 SF (3.47 AC)
RIGHT-OF-WAY DEDICATION:	789 SF (0.018 AC)
PROPOSED SITE AREA:	150,522 SF (3.46 AC)
EXISTING IMPERVIOUS:	10,494 SF (0.42 AC)
PROPOSED IMPERVIOUS:	89,480 SF (2.05 AC) INCLUDES 4,356 SF (0.1 AC) OF FUTURE IMPERVIOUS AREA
TREE CONSERVATION ARE	A: CITY OF RALEIGH:
MINIMUM AREA:	10% OF NET SITE AREA TOTAL:
	10% X 3.48 AC = 0.35 AC
PROPOSED AREA:	0.35 AC
OUTDOOR AMENITY AREA:	
	0.35 ACRES = 10%
	0.35 ACRES = 10%
SETBACKS AND BUFFERS S	
FRONT STREET:	BUILDING = 5 FT PARKING = 10 FT BUILDING = 5 FT
SIDE STREET	PARKING = 10 FT
SIDE:	BUILDING = 6 FT
	BUILDING = 6 FT
PROPOSED BUILDING INFO	
TOTAL GROSS S.F.	64,6396 SF
PROPOSED BUILDING HEIGHT: PARKING SUMMARY:	49'-10" (3 STORY)
	CITY OF RALEIGH:
MINIMUM REQUIRED PARKING SPACES:	N/A
	EVERGREEN: 1 SPACE PER UNIT X 56 UNITS = 56 SPACES CITY OF RALEIGH:
	1 SPACE PER UNIT X 56 UNITS = 56 SPACES CITY OF RALEIGH: 0-1 BEDROOM:
MAXIMUM ALLOWED	1 SPACE PER UNIT X 56 UNITS = 56 SPACES CITY OF RALEIGH: 0-1 BEDROOM: 1.5 SPACES PER UNIT X 28 UNITS = 42 SPACES
MAXIMUM ALLOWED PARKING SPACES:	1 SPACE PER UNIT X 56 UNITS = 56 SPACES CITY OF RALEIGH: 0-1 BEDROOM: 1.5 SPACES PER UNIT X 28 UNITS = 42 SPACES 2 BEDROOMS: 2.25 SPACES PER UNIT X 28 UNITS = 63 SPACES
	1 SPACE PER UNIT X 56 UNITS = 56 SPACES CITY OF RALEIGH: 0-1 BEDROOM: 1.5 SPACES PER UNIT X 28 UNITS = 42 SPACES 2 BEDROOMS: 2.25 SPACES PER UNIT X 28 UNITS = 63 SPACES TOTAL:
	1 SPACE PER UNIT X 56 UNITS = 56 SPACES CITY OF RALEIGH: 0-1 BEDROOM: 1.5 SPACES PER UNIT X 28 UNITS = 42 SPACES 2 BEDROOMS: 2.25 SPACES PER UNIT X 28 UNITS = 63 SPACES
PARKING SPACES: PROVIDED PARKING	1 SPACE PER UNIT X 56 UNITS = 56 SPACES CITY OF RALEIGH: 0-1 BEDROOM: 1.5 SPACES PER UNIT X 28 UNITS = 42 SPACES 2 BEDROOMS: 2.25 SPACES PER UNIT X 28 UNITS = 63 SPACES TOTAL: 42 SPACES + 63 SPACES = 105 SPACES 81 SPACES EVERGREEN:
PARKING SPACES: PROVIDED PARKING	1 SPACE PER UNIT X 56 UNITS = 56 SPACES CITY OF RALEIGH: 0-1 BEDROOM: 1.5 SPACES PER UNIT X 28 UNITS = 42 SPACES 2 BEDROOMS: 2.25 SPACES PER UNIT X 28 UNITS = 63 SPACES TOTAL: 42 SPACES + 63 SPACES = 105 SPACES 81 SPACES EVERGREEN: TYPE A: 1 SPACE PER TYPE A UNIT X 6 TYPE A UNITS = 6
PARKING SPACES: PROVIDED PARKING SPACES: MINIMUM REQUIRED	1 SPACE PER UNIT X 56 UNITS = 56 SPACES CITY OF RALEIGH: 0-1 BEDROOM: 1.5 SPACES PER UNIT X 28 UNITS = 42 SPACES 2 BEDROOMS: 2.25 SPACES PER UNIT X 28 UNITS = 63 SPACES TOTAL: 42 SPACES + 63 SPACES = 105 SPACES 81 SPACES EVERGREEN:
PARKING SPACES: PROVIDED PARKING SPACES:	1 SPACE PER UNIT X 56 UNITS = 56 SPACES CITY OF RALEIGH: 0-1 BEDROOM: 1.5 SPACES PER UNIT X 28 UNITS = 42 SPACES 2 BEDROOMS: 2.25 SPACES PER UNIT X 28 UNITS = 63 SPACES TOTAL: 42 SPACES + 63 SPACES = 105 SPACES 81 SPACES 81 SPACES EVERGREEN: TYPE A: 1 SPACE PER TYPE A UNIT X 6 TYPE A UNITS = 6 SPACES TYPE B: 1 SPACE PER 2% OF TOTAL TYPE B UNITS X 50 TYPE B UNITS = 1 SPACE TOTAL:
PARKING SPACES: PROVIDED PARKING SPACES: MINIMUM REQUIRED	1 SPACE PER UNIT X 56 UNITS = 56 SPACES CITY OF RALEIGH: 0-1 BEDROOM: 1.5 SPACES PER UNIT X 28 UNITS = 42 SPACES 2 BEDROOMS: 2.25 SPACES PER UNIT X 28 UNITS = 63 SPACES TOTAL: 42 SPACES + 63 SPACES = 105 SPACES 81 SPACES 81 SPACES EVERGREEN: TYPE A: 1 SPACE PER TYPE A UNIT X 6 TYPE A UNITS = 6 SPACES TYPE B: 1 SPACE PER 2% OF TOTAL TYPE B UNITS X 50 TYPE B UNITS = 1 SPACE TOTAL: 6 SPACES + 1 SPACE = 7 SPACES
PARKING SPACES: PROVIDED PARKING SPACES: MINIMUM REQUIRED HANDICAP SPACES: PROVIDED HANDICAP SPACES:	1 SPACE PER UNIT X 56 UNITS = 56 SPACES CITY OF RALEIGH: 0-1 BEDROOM: 1.5 SPACES PER UNIT X 28 UNITS = 42 SPACES 2 BEDROOMS: 2.25 SPACES PER UNIT X 28 UNITS = 63 SPACES TOTAL: 42 SPACES + 63 SPACES = 105 SPACES 81 SPACES EVERGREEN: TYPE A: 1 SPACE PER TYPE A UNIT X 6 TYPE A UNITS = 6 SPACES TYPE B: 1 SPACE PER 2% OF TOTAL TYPE B UNITS X 50 TYPE B UNITS = 1 SPACE TOTAL: 6 SPACES + 1 SPACE = 7 SPACES 8 SPACES (INCLUDING 4 VAN ACCESSIBLE SPACES)
PARKING SPACES: PROVIDED PARKING SPACES: MINIMUM REQUIRED HANDICAP SPACES: PROVIDED HANDICAP	1 SPACE PER UNIT X 56 UNITS = 56 SPACES CITY OF RALEIGH: 0-1 BEDROOM: 1.5 SPACES PER UNIT X 28 UNITS = 42 SPACES 2 BEDROOMS: 2.25 SPACES PER UNIT X 28 UNITS = 63 SPACES TOTAL: 42 SPACES + 63 SPACES = 105 SPACES 81 SPACES EVERGREEN: TYPE A: 1 SPACE PER TYPE A UNIT X 6 TYPE A UNITS = 6 SPACES TYPE B: 1 SPACE PER 2% OF TOTAL TYPE B UNITS X 50 TYPE B UNITS = 1 SPACE TOTAL: 6 SPACES + 1 SPACE = 7 SPACES 8 SPACES (INCLUDING 4 VAN ACCESSIBLE SPACES) 81 SPACES (INCLUDING 8 ADA SPACES)
PARKING SPACES: PROVIDED PARKING SPACES: MINIMUM REQUIRED HANDICAP SPACES: PROVIDED HANDICAP SPACES: TOTAL PROVIDED	1 SPACE PER UNIT X 56 UNITS = 56 SPACES CITY OF RALEIGH: 0-1 BEDROOM: 1.5 SPACES PER UNIT X 28 UNITS = 42 SPACES 2 BEDROOMS: 2.25 SPACES PER UNIT X 28 UNITS = 63 SPACES TOTAL: 42 SPACES + 63 SPACES = 105 SPACES 81 SPACES EVERGREEN: TYPE A: 1 SPACE PER TYPE A UNIT X 6 TYPE A UNITS = 6 SPACES TYPE B: 1 SPACE PER 2% OF TOTAL TYPE B UNITS X 50 TYPE B UNITS = 1 SPACE TOTAL: 6 SPACES + 1 SPACE = 7 SPACES 8 SPACES (INCLUDING 4 VAN ACCESSIBLE SPACES) 81 SPACES (INCLUDING 8 ADA SPACES) 81 SPACES (INCLUDING 8 ADA SPACES) SHORT-TERM: 1 SPACE PER 20 UNITS (4 MIN) X 56 UNITS = 3 SPACES (4
PARKING SPACES: PROVIDED PARKING SPACES: MINIMUM REQUIRED HANDICAP SPACES: PROVIDED HANDICAP SPACES: TOTAL PROVIDED PARKING: BICYCLE PARKING	1 SPACE PER UNIT X 56 UNITS = 56 SPACES CITY OF RALEIGH: 0-1 BEDROOM: 1.5 SPACES PER UNIT X 28 UNITS = 42 SPACES 2 BEDROOMS: 2.25 SPACES PER UNIT X 28 UNITS = 63 SPACES TOTAL: 42 SPACES + 63 SPACES = 105 SPACES 81 SPACES EVERGREEN: TYPE A: 1 SPACE PER TYPE A UNIT X 6 TYPE A UNITS = 6 SPACES TYPE B: 1 SPACE PER 2% OF TOTAL TYPE B UNITS X 50 TYPE B UNITS = 1 SPACE TOTAL: 6 SPACES + 1 SPACE = 7 SPACES 8 SPACES (INCLUDING 4 VAN ACCESSIBLE SPACES) 81 SPACES (INCLUDING 8 ADA SPACES) 81 SPACES (INCLUDING 8 ADA SPACES) SHORT-TERM: 1 SPACE PER 20 UNITS (4 MIN) X 56 UNITS = 3 SPACES (4 MIN)
PARKING SPACES: PROVIDED PARKING SPACES: MINIMUM REQUIRED HANDICAP SPACES: PROVIDED HANDICAP SPACES: TOTAL PROVIDED PARKING:	1 SPACE PER UNIT X 56 UNITS = 56 SPACES CITY OF RALEIGH: 0-1 BEDROOM: 1.5 SPACES PER UNIT X 28 UNITS = 42 SPACES 2 BEDROOMS: 2.25 SPACES PER UNIT X 28 UNITS = 63 SPACES TOTAL: 42 SPACES + 63 SPACES = 105 SPACES 81 SPACES EVERGREEN: TYPE A: 1 SPACE PER TYPE A UNIT X 6 TYPE A UNITS = 6 SPACES TYPE B: 1 SPACE PER 2% OF TOTAL TYPE B UNITS X 50 TYPE B UNITS = 1 SPACE TOTAL: 6 SPACES + 1 SPACE = 7 SPACES 8 SPACES (INCLUDING 4 VAN ACCESSIBLE SPACES) 81 SPACES (INCLUDING 8 ADA SPACES) 81 SPACES (INCLUDING 8 ADA SPACES) SHORT-TERM: 1 SPACE PER 20 UNITS (4 MIN) X 56 UNITS = 3 SPACES (4
PARKING SPACES: PROVIDED PARKING SPACES: MINIMUM REQUIRED HANDICAP SPACES: PROVIDED HANDICAP SPACES: TOTAL PROVIDED PARKING: BICYCLE PARKING	1 SPACE PER UNIT X 56 UNITS = 56 SPACES CITY OF RALEIGH: 0-1 BEDROOM: 1.5 SPACES PER UNIT X 28 UNITS = 42 SPACES 2 BEDROOMS: 2.25 SPACES PER UNIT X 28 UNITS = 63 SPACES TOTAL: 42 SPACES + 63 SPACES = 105 SPACES 81 SPACES EVERGREEN: TYPE A: 1 SPACE PER TYPE A UNIT X 6 TYPE A UNITS = 6 SPACES TYPE B: 1 SPACE PER 2% OF TOTAL TYPE B UNITS X 50 TYPE B UNITS = 1 SPACE TOTAL: 6 SPACES + 1 SPACE = 7 SPACES 8 SPACES (INCLUDING 4 VAN ACCESSIBLE SPACES) 81 SPACES (INCLUDING 8 ADA SPACES) SHORT-TERM: 1 SPACE PER 20 UNITS (4 MIN) X 56 UNITS = 3 SPACES (4 MIN) LONG-TERM: 1 SPACE PER 7 BEDROOMS * 84 BEDROOMS = 12 SPACES TOTAL:
PARKING SPACES: PROVIDED PARKING SPACES: MINIMUM REQUIRED HANDICAP SPACES: PROVIDED HANDICAP SPACES: TOTAL PROVIDED PARKING: BICYCLE PARKING	1 SPACE PER UNIT X 56 UNITS = 56 SPACES CITY OF RALEIGH: 0-1 BEDROOM: 1.5 SPACES PER UNIT X 28 UNITS = 42 SPACES 2 BEDROOMS: 2.25 SPACES PER UNIT X 28 UNITS = 63 SPACES TOTAL: 42 SPACES + 63 SPACES = 105 SPACES 81 SPACES EVERGREEN: TYPE A: 1 SPACE PER TYPE A UNIT X 6 TYPE A UNITS = 6 SPACES TYPE B: 1 SPACE PER 2% OF TOTAL TYPE B UNITS X 50 TYPE B UNITS = 1 SPACE TOTAL: 6 SPACES + 1 SPACE = 7 SPACES 8 SPACES (INCLUDING 4 VAN ACCESSIBLE SPACES) 81 SPACES (INCLUDING 8 ADA SPACES) 81 SPACE PER 20 UNITS (4 MIN) X 56 UNITS = 3 SPACES (4 MIN) LONG-TERM: 1 SPACE PER 7 BEDROOMS * 84 BEDROOMS = 12 SPACES TOTAL: 4 SPACES + 12 SPACES = 16 SPACES
PARKING SPACES: PROVIDED PARKING SPACES: MINIMUM REQUIRED HANDICAP SPACES: PROVIDED HANDICAP SPACES: TOTAL PROVIDED PARKING: BICYCLE PARKING REQUIRED:	1 SPACE PER UNIT X 56 UNITS = 56 SPACES CITY OF RALEIGH: 0-1 BEDROOM: 1.5 SPACES PER UNIT X 28 UNITS = 42 SPACES 2 BEDROOMS: 2.25 SPACES PER UNIT X 28 UNITS = 63 SPACES TOTAL: 42 SPACES + 63 SPACES = 105 SPACES 81 SPACES EVERGREEN: TYPE A: 1 SPACE PER TYPE A UNIT X 6 TYPE A UNITS = 6 SPACES TYPE B: 1 SPACE PER 2% OF TOTAL TYPE B UNITS X 50 TYPE B UNITS = 1 SPACE TOTAL: 6 SPACES + 1 SPACE = 7 SPACES 8 SPACES (INCLUDING 4 VAN ACCESSIBLE SPACES) 81 SPACES (INCLUDING 8 ADA SPACES) SHORT-TERM: 1 SPACE PER 20 UNITS (4 MIN) X 56 UNITS = 3 SPACES (4 MIN) LONG-TERM: 1 SPACE PER 7 BEDROOMS * 84 BEDROOMS = 12 SPACES TOTAL: 4 SPACES + 12 SPACES = 16 SPACES
PARKING SPACES: PROVIDED PARKING SPACES: MINIMUM REQUIRED HANDICAP SPACES: PROVIDED HANDICAP SPACES: TOTAL PROVIDED PARKING: BICYCLE PARKING REQUIRED: BICYCLE PARKING	1 SPACE PER UNIT X 56 UNITS = 56 SPACES CITY OF RALEIGH: 0-1 BEDROOM: 1.5 SPACES PER UNIT X 28 UNITS = 42 SPACES 2 BEDROOMS: 2.25 SPACES PER UNIT X 28 UNITS = 63 SPACES TOTAL: 42 SPACES + 63 SPACES = 105 SPACES 81 SPACES EVERGREEN: TYPE A: 1 SPACE PER TYPE A UNIT X 6 TYPE A UNITS = 6 SPACES TYPE B: 1 SPACE PER 2% OF TOTAL TYPE B UNITS X 50 TYPE B UNITS = 1 SPACE TOTAL: 6 SPACES + 1 SPACE = 7 SPACES 8 SPACES (INCLUDING 4 VAN ACCESSIBLE SPACES) 81 SPACES (INCLUDING 8 ADA SPACES) 81 SPACE PER 20 UNITS (4 MIN) X 56 UNITS = 3 SPACES (4 MIN) LONG-TERM: 1 SPACE PER 7 BEDROOMS * 84 BEDROOMS = 12 SPACES TOTAL: 4 SPACES + 12 SPACES = 16 SPACES SHORT-TERM: 4 SPACES LONG-TERM:
PARKING SPACES: PROVIDED PARKING SPACES: MINIMUM REQUIRED HANDICAP SPACES: PROVIDED HANDICAP SPACES: TOTAL PROVIDED PARKING: BICYCLE PARKING REQUIRED: BICYCLE PARKING	1 SPACE PER UNIT X 56 UNITS = 56 SPACES CITY OF RALEIGH: 0-1 BEDROOM: 1.5 SPACES PER UNIT X 28 UNITS = 42 SPACES 2 BEDROOMS: 2.25 SPACES PER UNIT X 28 UNITS = 63 SPACES TOTAL: 42 SPACES + 63 SPACES = 105 SPACES 81 SPACES EVERGREEN: TYPE A: 1 SPACE PER TYPE A UNIT X 6 TYPE A UNITS = 6 SPACES TYPE B: 1 SPACE PER 2% OF TOTAL TYPE B UNITS X 50 TYPE B UNITS = 1 SPACE TOTAL: 6 SPACES + 1 SPACE = 7 SPACES 8 SPACES (INCLUDING 4 VAN ACCESSIBLE SPACES) 81 SPACES (INCLUDING 8 ADA SPACES) SHORT-TERM: 1 SPACE PER 20 UNITS (4 MIN) X 56 UNITS = 3 SPACES (4 MIN) LONG-TERM: 1 SPACE PER 7 BEDROOMS * 84 BEDROOMS = 12 SPACES TOTAL: 4 SPACES + 12 SPACES = 16 SPACES

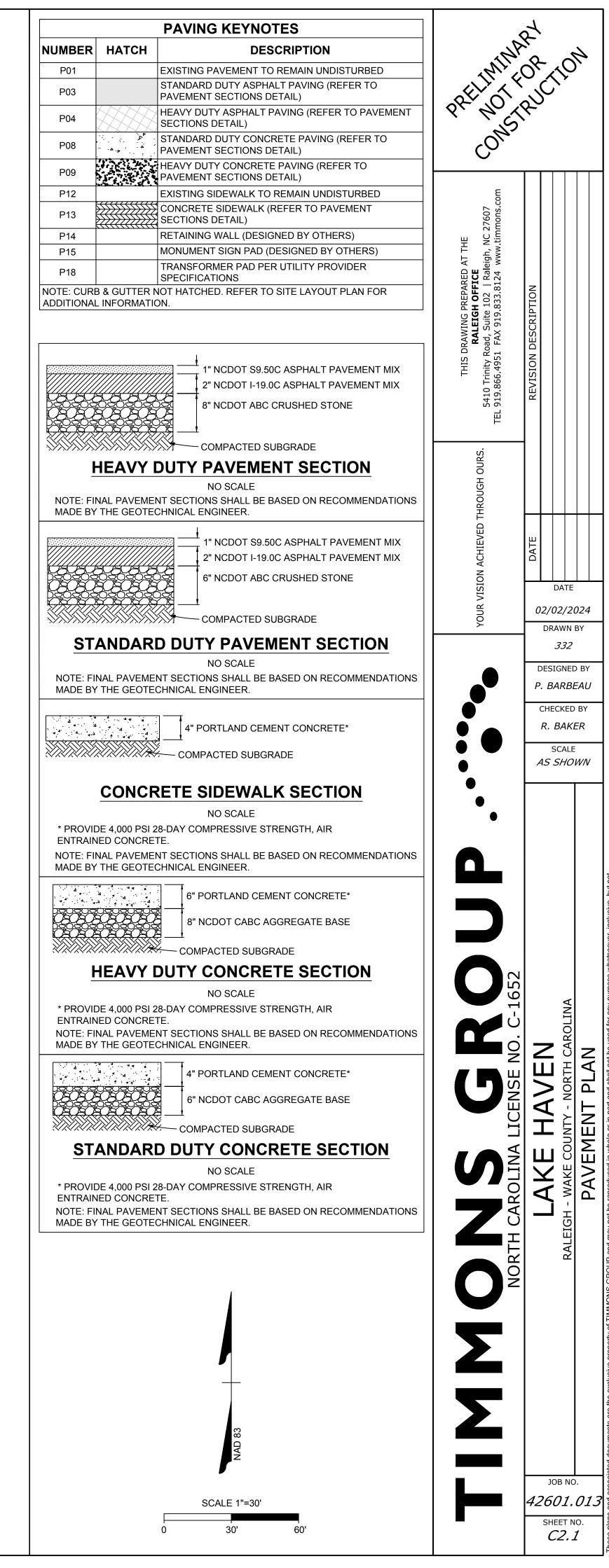


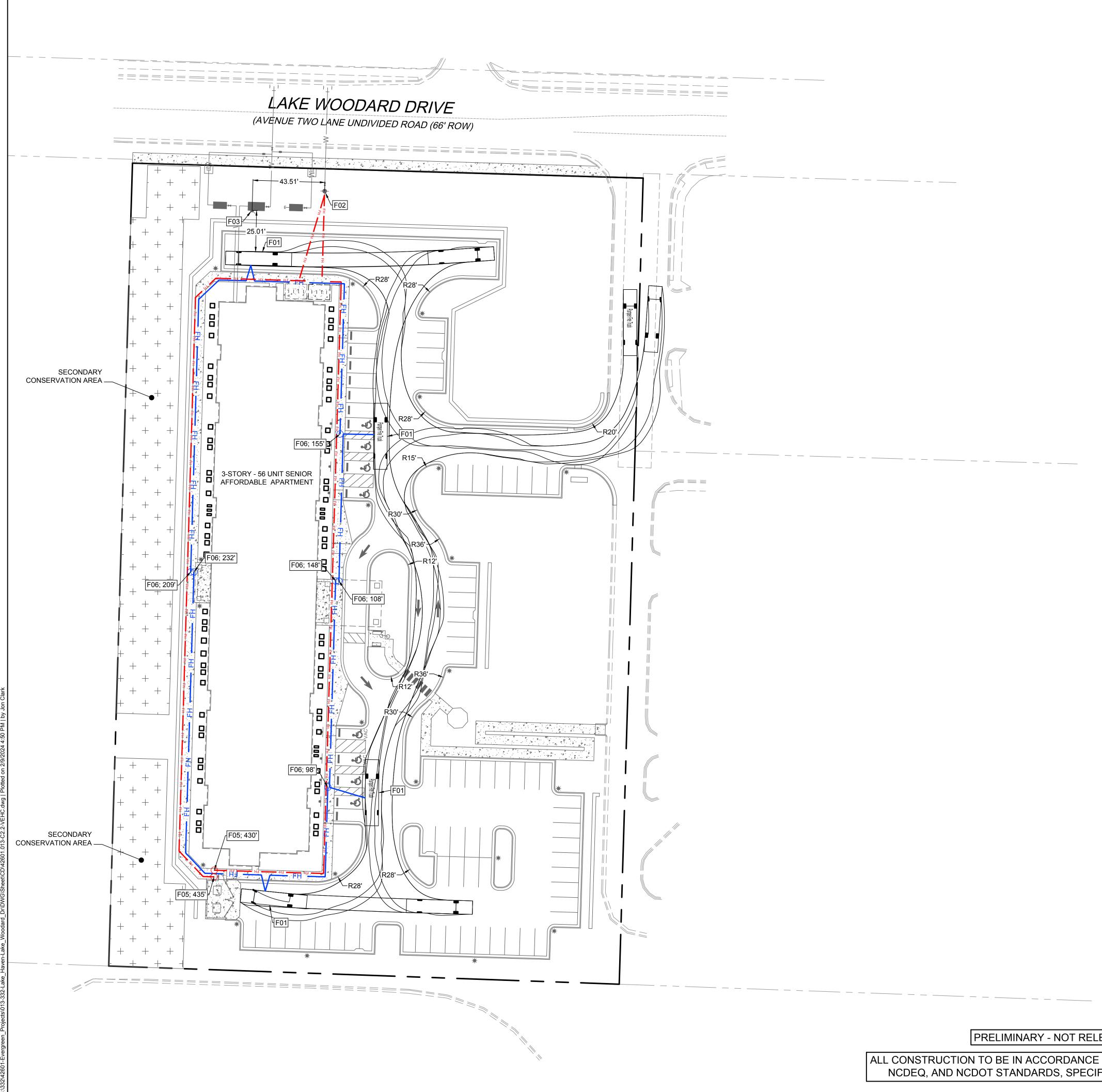




PRELIMINARY - NOT RELEASED FOR CONSTRUCTION

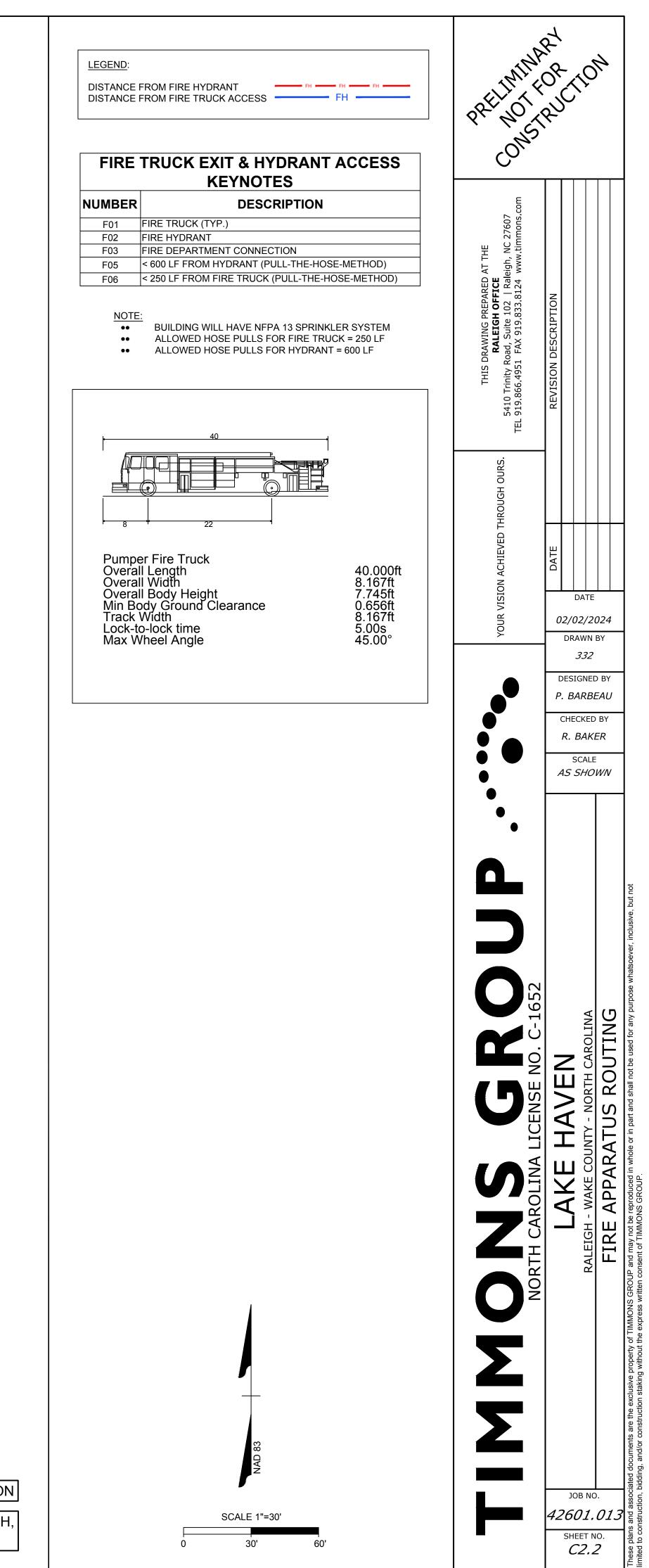
ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL CITY OF RALEIGH NCDEQ, AND NCDOT STANDARDS, SPECIFICATIONS, AND DETAILS

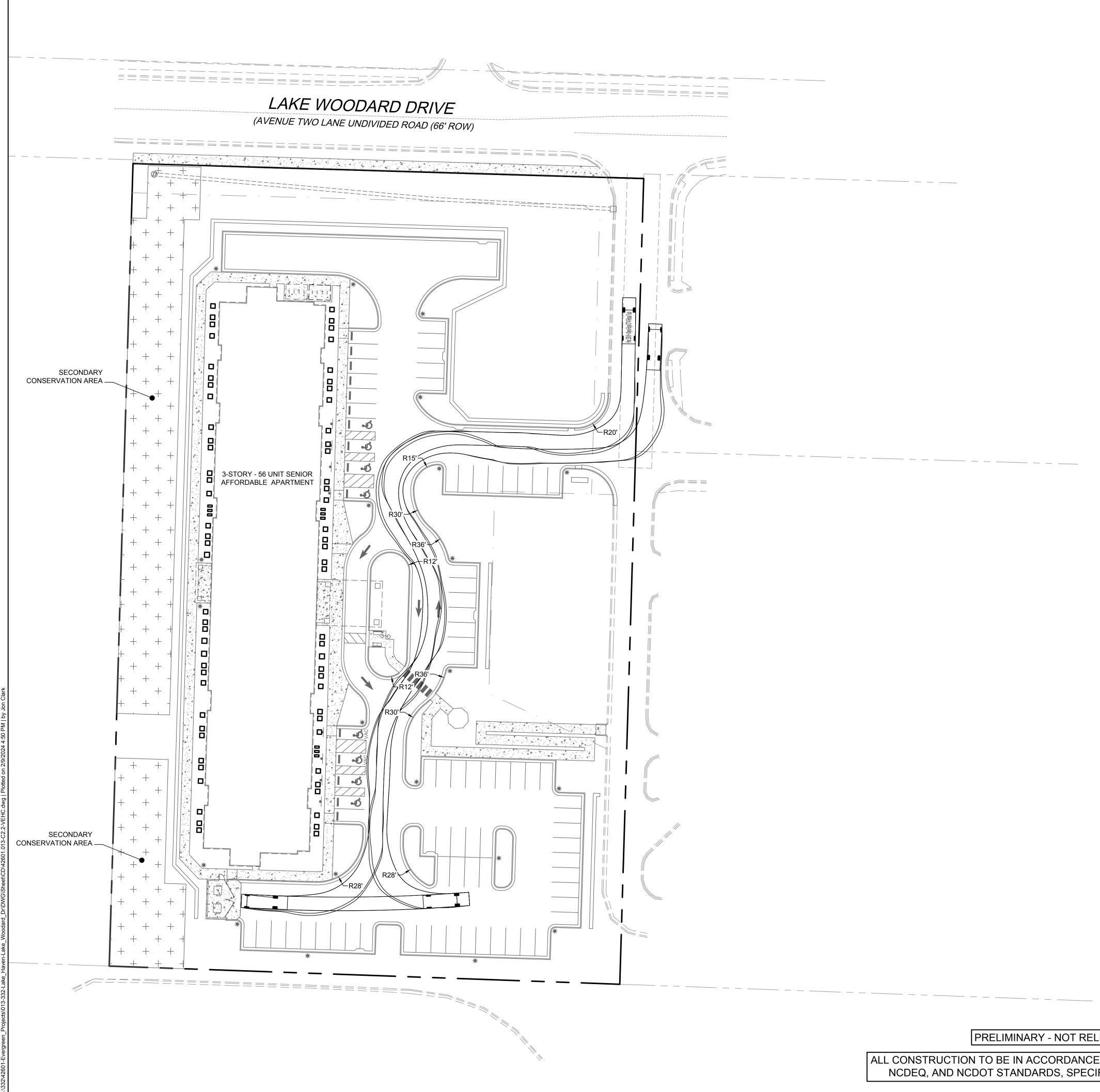




PRELIMINARY - NOT RELEASED FOR CONSTRUCTION

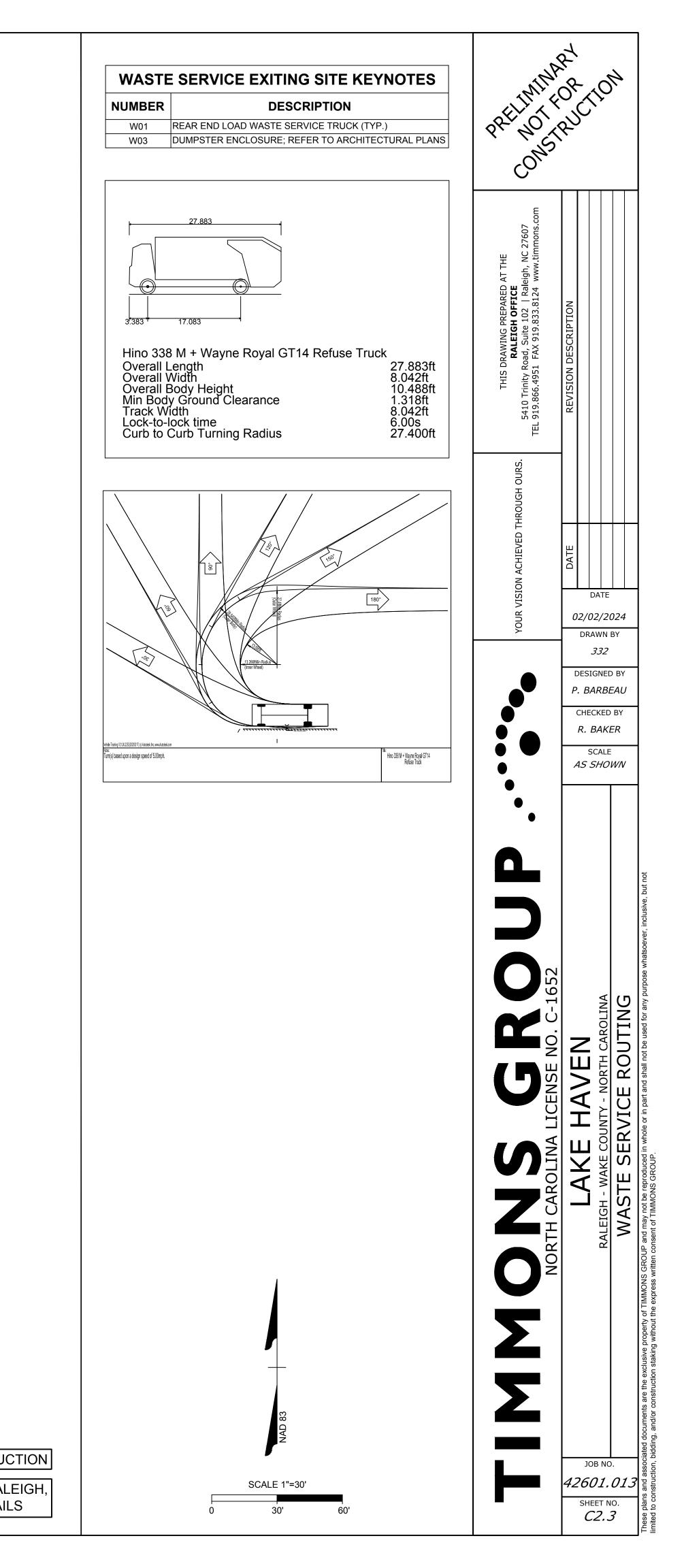
ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL CITY OF RALEIGH NCDEQ, AND NCDOT STANDARDS, SPECIFICATIONS, AND DETAILS





PRELIMINARY - NOT RELEASED FOR CONSTRUCTION

ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL CITY OF RALEIGH NCDEQ, AND NCDOT STANDARDS, SPECIFICATIONS, AND DETAILS





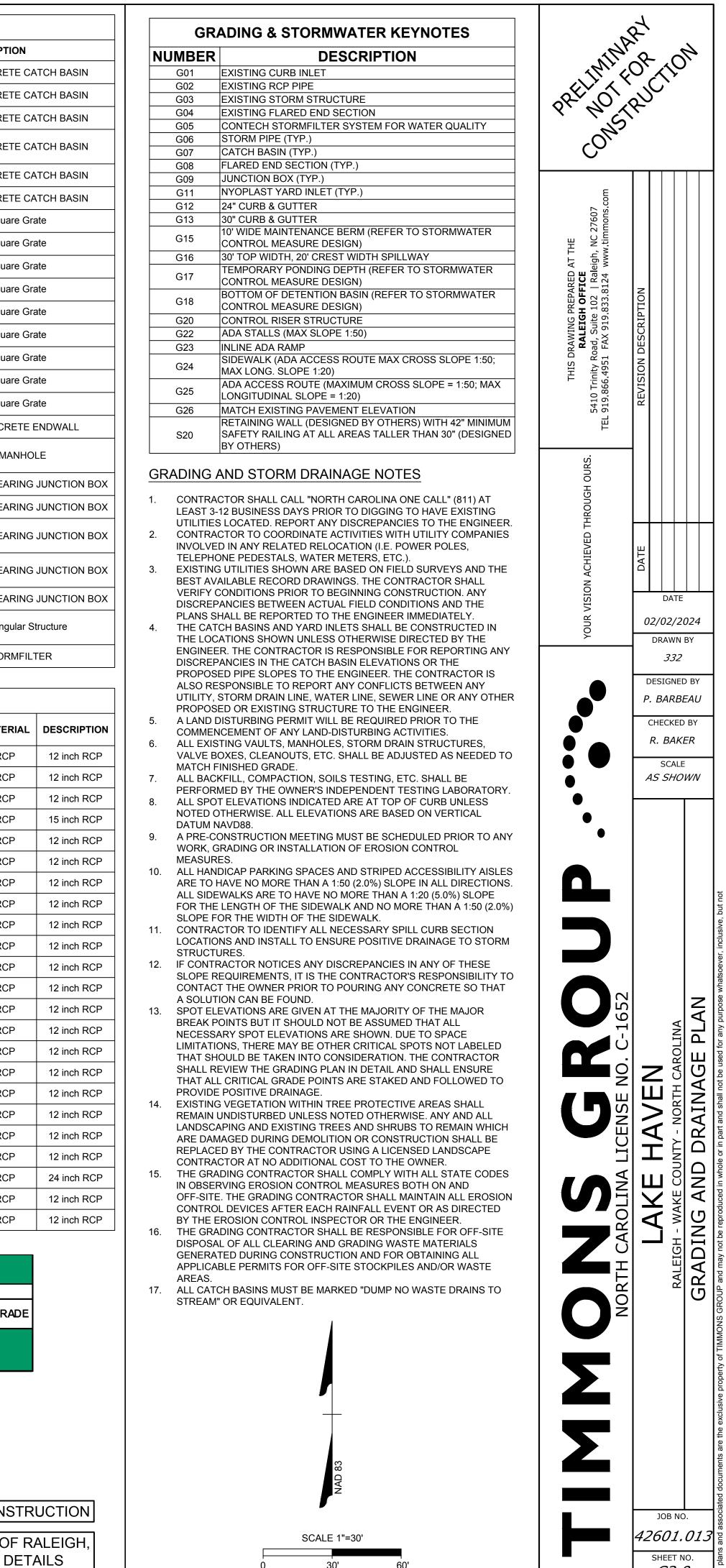
		S	TORM STRUCTURE TABL	.E
STR. #	ТОР	INV. IN	INV. OUT	DESCRIPTION
CB250	253.37'	248.14' (12" RCP FROM JB240)	247.94' (12" RCP TO CB260)	NCDOT 840.02 CONCRETE CA
CB260	254.73'	247.21' (12" RCP FROM CB250)	247.01' (12" RCP TO CB270)	NCDOT 840.02 CONCRETE CA
CB270	253.73'	245.52' (12" RCP FROM CB260)	245.32' (12" RCP TO CB280)	NCDOT 840.02 CONCRETE CA
CB280	254.40'	241.57' (12" RCP FROM CB270) 241.57' (12" RCP FROM JB380)	241.37' (15" RCP TO HW290)	NCDOT 840.02 CONCRETE CA
CB400	252.83'		247.69' (12" RCP TO JB360)	NCDOT 840.02 CONCRETE CA
CB500	253.98'		246.66' (12" RCP TO JB370)	NCDOT 840.02 CONCRETE CA
DI200	255.46'		251.67' (12" RCP TO DI210)	12" Basin - Square Gra
DI210	254.96'	251.17' (12" RCP FROM DI200)	250.97' (12" RCP TO DI220)	12" Basin - Square Gra
DI220	254.46'	250.47' (12" RCP FROM DI210)	250.27' (12" RCP TO DI230)	12" Basin - Square Gra
DI230	254.89'	249.81' (12" RCP FROM DI220)	249.61' (12" RCP TO JB240)	12" Basin - Square Gra
DI300	255.46'		251.29' (12" RCP TO DI310)	12" Basin - Square Gra
DI310	254.96'	248.79' (12" RCP FROM DI300)	248.59' (12" RCP TO DI320)	12" Basin - Square Gra
DI320	255.46'	246.09' (12" RCP FROM DI310)	245.89' (12" RCP TO DI330)	12" Basin - Square Gra
DI330	255.53'	245.55' (12" RCP FROM DI320)	245.35' (12" RCP TO DI340)	12" Basin - Square Gra
DI340	255.30'	245.13' (12" RCP FROM DI330)	244.93' (12" RCP TO JB350)	12" Basin - Square Gra
HW290	242.52'	241.00' (15" RCP FROM CB280)		NCDOT 838.80 CONCRETE E
JB110	245.50'	235.50' (12" RCP FROM SF600) 235.50' (24" RCP FROM RS100)		DOGHOUSE MANHO
JB240	255.44'	249.49' (12" RCP FROM DI230)	249.29' (12" RCP TO CB250)	NCDOT 840.34 TRAFFIC BEARING
JB350	254.94'	244.62' (12" RCP FROM DI340)	244.42' (12" RCP TO JB360)	NCDOT 840.34 TRAFFIC BEARING
JB360	253.59'	246.67' (12" RCP FROM CB400) 243.56' (12" RCP FROM JB350)	243.36' (12" RCP TO JB370)	NCDOT 840.34 TRAFFIC BEARING
JB370	254.41'	246.05' (12" RCP FROM CB500) 242.77' (12" RCP FROM JB360)	242.57' (12" RCP TO JB380)	NCDOT 840.34 TRAFFIC BEARING
JB380	254.60'	242.16' (12" RCP FROM JB370)	241.96' (12" RCP TO CB280)	NCDOT 840.34 TRAFFIC BEARING
RS100	245.00'		240.00' (24" RCP TO JB110) 240.00' (12" RCP TO SF600)	60 x 60 inch Rectangular S
SF600	253.03'	237.92' (12" RCP FROM RS100)	237.72' (12" RCP TO JB110)	CONTECH STORMFIL

		STOR	M PIPE T	ABLE			
FROM - TO	UPSTREAM INVERT	DOWNSTREAM INVERT	SLOPE	LENGTH	DIA.	MATERIAL	
CB250 - CB260	247.94'	247.21'	1.00%	72.70 LF	12"	RCP	
CB260 - CB270	247.01'	245.52'	1.00%	149.03 LF	12"	RCP	
CB270 - CB280	245.32'	241.57'	3.22%	116.29 LF	12"	RCP	
CB280 - HW290	241.37'	241.00'	1.00%	37.00 LF	15"	RCP	
CB400 - JB360	247.69'	246.67'	2.00%	51.05 LF	12"	RCP	
CB500 - JB370	246.66'	246.05'	2.00%	30.50 LF	12"	RCP	
DI200 - DI210	251.67'	251.17'	1.00%	50.00 LF	12"	RCP	
DI210 - DI220	250.97'	250.47'	1.00%	50.00 LF	12"	RCP	
DI220 - DI230	250.27'	249.81'	1.06%	43.00 LF	12"	RCP	
DI230 - JB240	249.61'	249.49'	1.00%	12.34 LF	12"	RCP	
DI300 - DI310	251.29'	248.79'	5.00%	50.00 LF	12"	RCP	
DI310 - DI320	248.59'	246.09'	5.00%	50.00 LF	12"	RCP	Ī
DI320 - DI330	245.89'	245.55'	1.00%	33.94 LF	12"	RCP	Ī
DI330 - DI340	245.35'	245.13'	1.00%	21.88 LF	12"	RCP	
DI340 - JB350	244.93'	244.62'	1.00%	31.25 LF	12"	RCP	
JB240 - CB250	249.29'	248.14'	1.00%	115.16 LF	12"	RCP	
JB350 - JB360	244.42'	243.56'	1.00%	86.26 LF	12"	RCP	
JB360 - JB370	243.36'	242.77'	1.00%	59.28 LF	12"	RCP	
JB370 - JB380	242.57'	242.16'	1.00%	41.00 LF	12"	RCP	Ī
JB380 - CB280	241.96'	241.57'	1.00%	38.72 LF	12"	RCP	Ī
RS100 - JB110	240.00'	235.50'	6.90%	65.26 LF	24"	RCP	
RS100 - SF600	240.00'	237.92'	4.86%	42.84 LF	12"	RCP	I
SF600 - JB110	237.72'	235.50'	4.00%	55.53 LF	12"	RCP	ſ
		1		1	I		

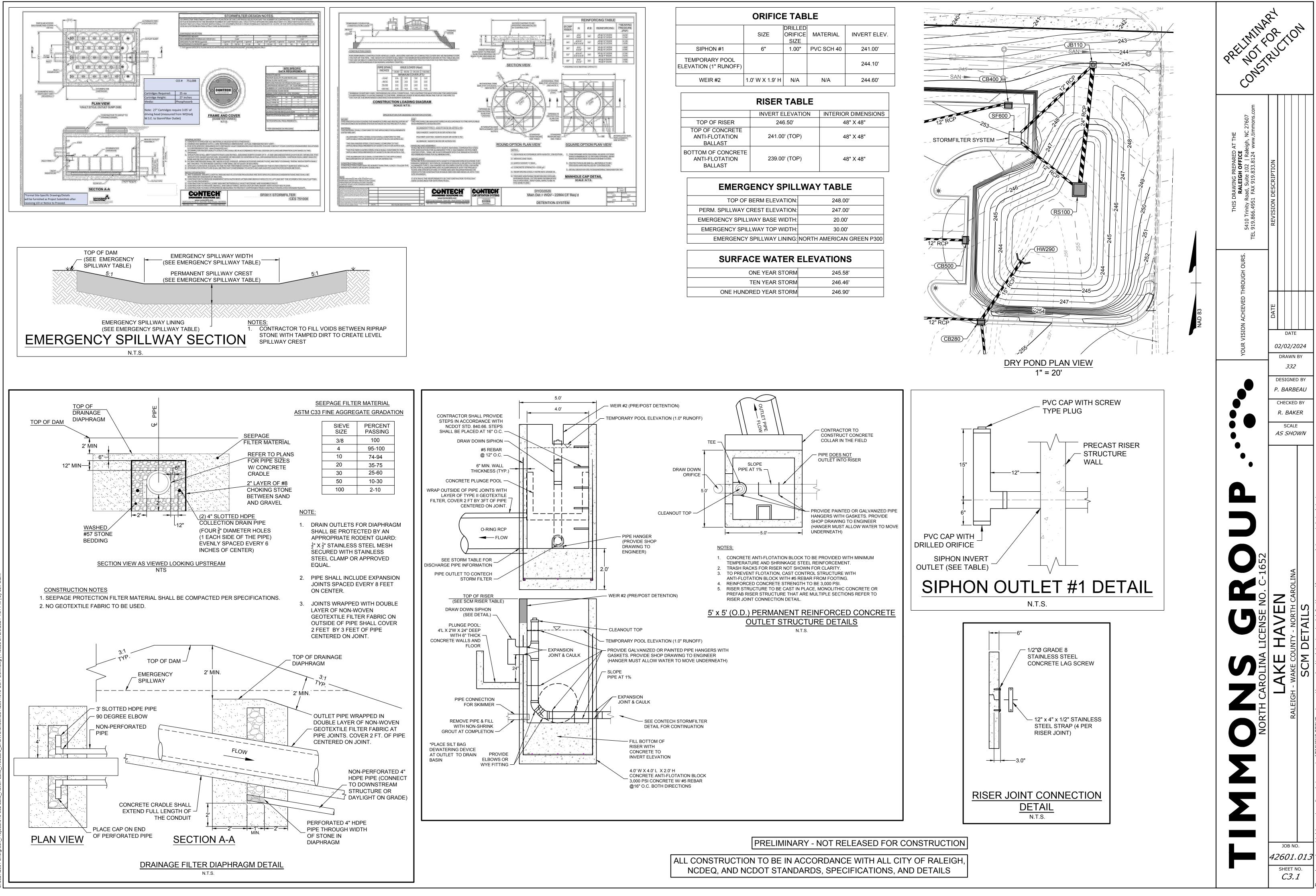
AVERAGE GRADE ANALYSIS UDO SEC. 1.5.7.A.2 (SINGLE BLD HEIGHT METHOD)						
FINISH	FINISHED GROUND PARALLEL TO PRIMARY STREET					
	HIGH POINT LOW POINT FINISHED AVG. GRADE					
PRIMARY STREET	255.9	255.5	255.7			

PRELIMINARY - NOT RELEASED FOR CONSTRUCTION

ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL CITY OF RALEIGH NCDEQ, AND NCDOT STANDARDS, SPECIFICATIONS, AND DETAILS



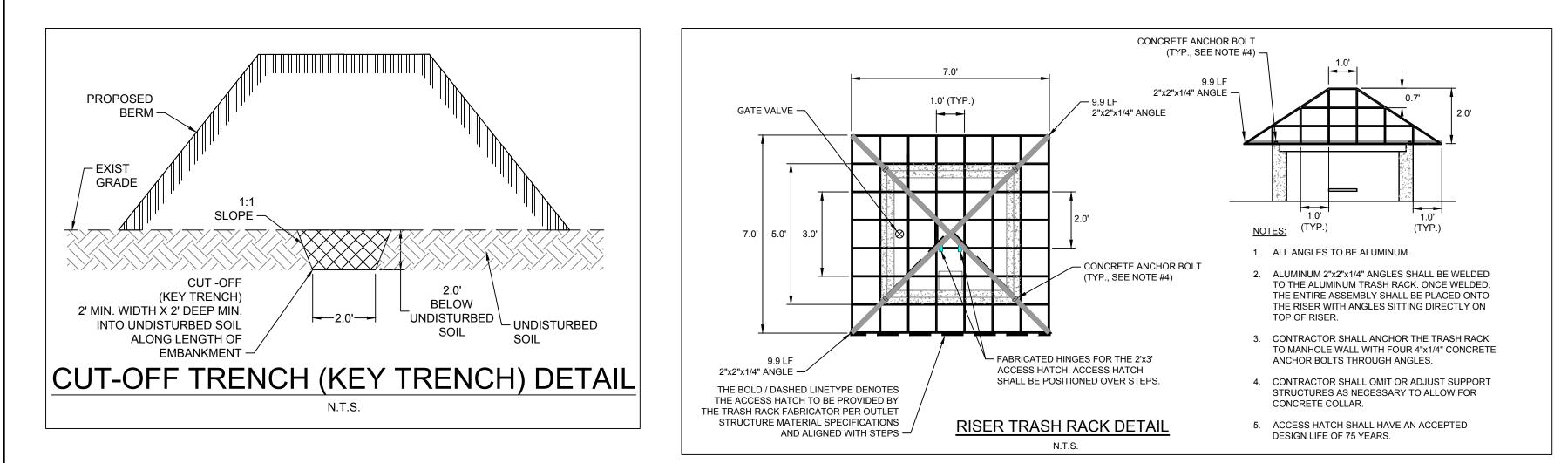
СЗ.О



	ORIFIC	ΕΤΑΒ	LE		
	SIZE	DRILLED ORIFICE SIZE		INVERT ELE	
SIPHON #1	6"	1.00"	PVC SCH 40	241.00'	
TEMPORARY POOL ELEVATION (1" RUNOFF)				244.10'	
WEIR #2	1.0' W X 1.9' H	N/A	N/A	244.60'	
	RISER			R DIMENSIONS	
TOP OF RISER	24	246.50'		18" X 48"	
TOP OF CONCRETE ANTI-FLOTATION BALLAST	241.00	241.00' (TOP)		48" X 48"	
BOTTOM OF CONCRET ANTI-FLOTATION		0' (TOP)	2	18" X 48"	

EMERGENCY	SPILLWAY	IABLE

TOP OF BERM ELEVATION:	248.00'
PERM. SPILLWAY CREST ELEVATION:	247.00'
EMERGENCY SPILLWAY BASE WIDTH:	20.00'
EMERGENCY SPILLWAY TOP WIDTH:	30.00'
EMERGENCY SPILLWAY LINING:	NORTH AMERICAN GREEN P300



KEY TRENCH & CLAY LINER NOTES

- THE ON-SITE GEOTECHNICAL ENGINEER SHALL INSPECT THE KEY TRENCH EXCAVATION PRIOR TO PLACEMENT OF ANY BACKFILL WITHIN THE KEY TRENCH. THE CONTRACTOR WILL NEED TO INSTALL A CLAY LINER A MINIMUM OF 1-FOOT BELOW THE LOWEST GRADE. THE CLAY LINER SHALL BE AT LEAST 12" THICK AND MEET THE FOLLOWING SPECIFICATIONS: 2.1. UNIFIED SOIL CLASSIFICATION SYSTEM DESIGNATION OF CL, CH, ML
- 2.2. MINIMUM PLASTICITY INDEX OF 12 2.3. MINIMUM OF 2 TESTS OF EACH ABOVE PARAMETER SHALL BE COMPLETED BY THE CONTRACTOR ON THE LINER MATERIAL AND PRESENTED TO THE ON-SITE GEOTECHNICAL ENGINEER FOR APPROVAL. SHOULD THESE TESTS NOT MEET THE ABOVE REQUIREMENTS, THE ON-SITE GEOTECHNICAL ENGINEER MAY PROVIDE PERMEABILITY TESTING DEMONSTRATING AN INFILTRATION RATE OF NO MORE THAN
- 0 01 IN/HR 2.4. COMPACTION TO A MINIMUM OF 95% PER ASTM D698 AND WITHIN 2% OF THE OPTIMUM MOISTURE CONTENT (1 COMPACTION DENSITY TEST PER 2500 SQ. FT.)
- 2.5. MAXIMUM INFILTRATION RATE OF 0.01 IN/HR. IF IT IS DETERMINED BY THE ON-SITE GEOTECHNICAL ENGINEER THAT A LINER IS NOT NEEDED, THEN A LETTER TO THE DESIGN ENGINEER CERTIFYING THE INFILTRATION RATE SHALL BE PROVIDED, WHICH WILL
- BE USED DURING THE AS-BUILT CERTIFICATION PROCESS. 3. THE GRADES SHOWN ON THIS PLAN ARE FINISHED GRADES AND INCLUDE THE CLAY LINER.

DRY POND CONSTRUCTION SEQUENCE:

- DO NOT BEGIN CONSTRUCTION OF DRY POND AREAS UNTIL SITE CONSTRUCTION IS COMPLETE, ALL PARKING SURFACES ARE PAVED, AND THE ENTIRE SITE HAS AN ESTABLISHED WITH A GOOD STAND OF GRASS. ALL EROSION SEDIMENT AND EROSION CONTROL PRACTICES SHALL BE IN PLACE AND THE SLOPES DRAINING TO THE DRY POND AREA SHALL BE STABILIZED BEFORE CONSTRUCTION OF THE DRY POND BEGINS. INSTALL TEMPORARY SILT FENCE AROUND THE DRY POND AREA AS NEEDED.
- EXCAVATE DRY POND AREA, PER THE GRADES AND DETAILED ELEVATIONS SHOWN ON THE CONSTRUCTION PLANS.
- CONTACT ENGINEER SO AN AS-BUILT SURVEY CAN BE PERFORMED OF THE DRY POND. INSTALL ANY REMAINING STORM DRAINAGE PIPES AND INLETS.
- FINE GRADE THE SIDE SLOPES OF THE DRY POND AREA. DRESS UP VELOCITY DISSIPATER AS NEEDED PER THE PLANS. INSTALL GRASS PER GRASS SPECIFICATIONS.
- FINE GRADE, SEED AND STABILIZE ANY REMAINING DISTURBED AREAS AROUND THE OUTSIDE OF THE DRY POND AREA. REMOVE SILT FENCE.
- UPON COMPLETION OF WORK, CONTACT THE PROJECT ENGINEER AND LANDSCAPE ARCHITECT FOR AN INSPECTION AND TO BEGIN THE AS-BUILT CERTIFICATION PROCESS. AN AS-BUILT SURVEY OF ALL ASPECTS OF THIS FACILITY WILL BE PERFORMED BY THE ENGINEER. CERTIFICATIONS WILL NOT BE ISSUED IF THE SCM DOES NOT MEET OR EXCEED THE REQUIREMENTS CONTAINED IN THE CONSTRUCTION DOCUMENTS. SHOULD REMEDIAL WORK BE REQUIRED, ALL COSTS ASSOCIATED WITH THE REMEDIAL WORK INCLUDING RE-SURVEY AND RE-INSPECTIONS WILL BE BORNE BY THE CONTRACTOR.

DAM EMBANKMENT AND SOIL COMPACTION **SPECIFICATIONS**

- 1. CONTROLLED FILL, AS SPECIFIED BY THE GEOTECHNICAL ENGINEER, IN THE DAM EMBANKMENT /KEY TRENCH SHALL BE PLACED IN 6-INCH LOOSE LAYERS (3-INCH LOOSE LAYERS WITHIN 3-FEET OF EITHER SIDE OF THE PRINCIPAL SPILLWAY PIPE TO A DEPTH OF 2-FEET OVER THE PIPE) AND SHALL BE COMPACTED TO A DENSITY OF NO LESS THAN 95% OF THE STANDARD PROCTOR MAXIMUM DENSITY AT A MOISTURE CONTENT OF + OR - TWO PERCENTAGE POINTS OF THE OPTIMUM MOISTURE CONTENT IN ACCORDANCE WITH ASTM D698.
- 2. ALL VISIBLE ORGANIC DEBRIS SUCH AS ROOTS AND LIMBS SHALL BE REMOVED FROM 1. TESTS OF THE DEGREE (%) OF COMPACTION OF THE PLACED FILL IN THE DAM /KEY THE FILL MATERIAL PRIOR TO COMPACTION TO THE REQUIRED DENSITY. SOILS WITH ORGANIC MATTER CONTENT EXCEEDING 5% BY WEIGHT SHALL NOT BE USED. STONES GREATER THAN 3-INCH (IN ANY DIRECTION) SHALL BE REMOVED FROM THE FILL PRIOR TO COMPACTION.
- 3. FILL MATERIAL PLACED AT DENSITIES LOWER THAN SPECIFIED MINIMUM DENSITIES OR AT MOISTURE CONTENTS OUTSIDE THE SPECIFIED RANGES OR OTHERWISE NOT CONFORMING TO SPECIFIED REQUIREMENTS SHALL BE REMOVED AND REPLACED WITH ACCEPTABLE MATERIALS.
- 4. ANY FILL LAYER THAT IS SMOOTH DRUM ROLLED TO REDUCE MOISTURE PENETRATION DURING A STORM EVENT SHALL BE PROPERLY SCARIFIED PRIOR TO THE PLACEMENT OF THE NEXT SOIL LIFT.
- 5. SURFACE WATER AND STREAM FLOW SHALL BE CONTINUOUSLY CONTROLLED THROUGHOUT CONSTRUCTION AND THE PLACEMENT OF CONTROLLED FILL.
- 6. FOUNDATION AREAS MAY REQUIRE UNDERCUTTING OF COMPRESSIBLE AND/OR UNSUITABLE SOILS IN ADDITION TO THAT INDICATED ON THE PLANS. ALL SUCH UNDERCUTTING SHALL BE PERFORMED AT THE DISCRETION OF THE GEOTECHNICAL ENGINEER AND SHALL BE MONITORED AND DOCUMENTED. IN NO CASE SHALL THERE BE AN ATTEMPT TO STABILIZE ANY PORTIONS OF THE FOUNDATION SOILS WITH CRUSHED STONE.
- TREATMENT OF SEEPAGE AREAS, SUBGRADE PREPARATION, FOUNDATION 7. DEWATERING AND ROCK FOUNDATION PREPARATION (I.E., TREATMENT WITH SLUSH GROUTING, DENTAL CONCRETE, ETC.) MAY BE REQUIRED AT THE DISCRETION OF THE GEOTECHNICAL ENGINEER. ALL SUCH ACTIVITIES SHALL BE CLOSELY MONITORED AND DOCUMENTED BY THE GEOTECHNICAL ENGINEER.
- 8. FILL ADJACENT TO THE RISER AND PRINCIPAL SPILLWAY PIPE SHALL BE PLACED SO THAT LIFTS ARE AT THE SAME LEVEL ON BOTH SIDES OF THE STRUCTURES.
- 9. EARTHWORK COMPACTION WITHIN 3-FEET OF ANY STRUCTURES SHALL BE ACCOMPLISHED BY MEANS OF HAND TAMPERS, MANUALLY DIRECTED POWER TAMPERS OR PLATE COMPACTORS OR MINIATURE SELF-PROPELLED ROLLERS.

- 10. COMPACTION BY MEANS OF DROP WEIGHTS FROM A CRANE OR HOIST SHALL NOT BE PERMITTED.
- 11. HEAVY EQUIPMENT SHALL NOT BE ALLOWED TO PASS OVER CAST-IN-PLACE STRUCTURES (INCLUDING THE CRADLE) UNTIL ADEQUATE CURING TIME HAS ELAPSED.
- TO RE-ESTABLISH VEGETATION AFTER CONSTRUCTION, A 4-INCH LAYER OF TOPSOIL 12. SHALL BE PLACED ON THE DISTURBED EMBANKMENT SURFACE AND THE AREA SEEDED AND MULCHED OR HYDROSEEDED.
- TESTING, OBSERVATION, AND CERTIFICATION
- TRENCH SHALL BE PERFORMED AS A PART OF THE PERMITTEE'S NORMAL QUALITY CONTROL PROGRAM FOR THE CONSTRUCTION OF THE DAM. TESTS SHALL BE CONDUCTED CONCURRENT WITH THE INSTALLATION OF THE COMPACTED FILL AND THE CONTRACTOR SHALL COORDINATE THE CONSTRUCTION OF THE DAM SO THAT THE TESTING CAN BE COMPLETED. SHOULD THE RESULTS OF THE TESTS INDICATE THAT THE SPECIFIED DEGREE OF COMPACTION HAS NOT BEEN OBTAINED; THE PORTIONS OF THE DAM REPRESENTED BY SUCH TESTS SHALL BE REWORKED OR REBUILT. ALL PORTIONS OF THE DAM SHALL ACHIEVE THE SPECIFIED MINIMUM DEGREE OF COMPACTION.
- 2. CONSTRUCTION OF CLASS A, B AND C DAM EMBANKMENTS SHALL BE DONE UNDER THE OBSERVATION OF A QUALIFIED GEOTECHNICAL ENGINEER, WHO IS REGISTERED AS A PROFESSIONAL ENGINEER IN THE STATE OF NORTH CAROLINA. THE GEOTECHNICAL ENGINEER MUST HAVE EXPERIENCE IN THE DESIGN AND CONSTRUCTION MONITORING OF DAMS OF THE SIZE AND SCOPE COVERED BY THESE STANDARDS AND GUIDELINES.
- ON CLASS A, B, AND C DAMS (WITH THE EXCEPTION OF DETENTION ONLY CLASS C 3. DAMS THAT COLLECT DRAINAGE FROM AN AREA OF 25-ACRES OR LESS), THE GEOTECHNICAL ENGINEER, AS DEFINED ABOVE, SHALL OBSERVE ALL ASPECTS OF THE CONSTRUCTION OF THE DAM (I.E., PREPARATION OF THE FOUNDATION, INSTALLATION OF THE CUT-OFF TRENCH, INSTALLATION OF THE PRINCIPAL SPILLWAY PIPE, INSTALLATION OF THE INTERNAL DRAINAGE, INSTALLATION OF COMPACTED FILL, ETC.). THE FREQUENCY OF OBSERVATION AND TESTING MUST BE SUFFICIENT FOR THE GEOTECHNICAL ENGINEER (OR THE DESIGN ENGINEER ON CLASS D DAMS AND CLASS C, DETENTION ONLY, DAMS) TO STATE, IN HIS/HER PROFESSIONAL OPINION, THAT THE SPECIFIC ITEMS OBSERVED AND TESTED WERE INSTALLED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DRAWINGS AND SPECIFICATIONS. REFERENCE IS MADE TO THE CITY OF DURHAM "REFERENCE GUIDE FOR DEVELOPMENT" SECTIONS 4.1 TO 4.5 REGARDING GEOTECHNICAL CERTIFICATION OF DAM EMBANKMENTS.

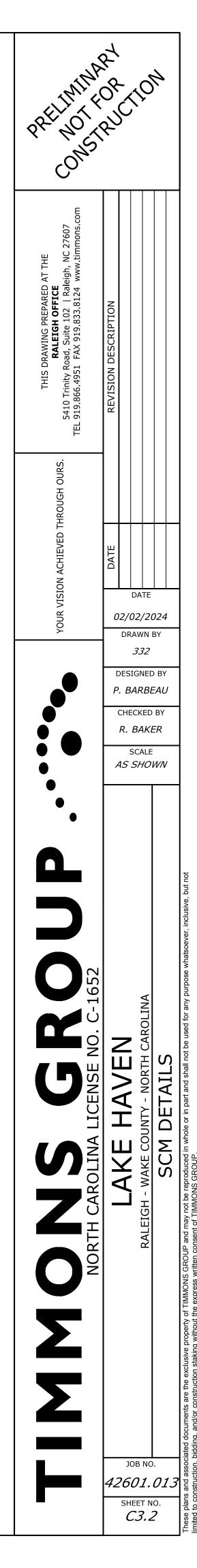
GENERAL NOTES:

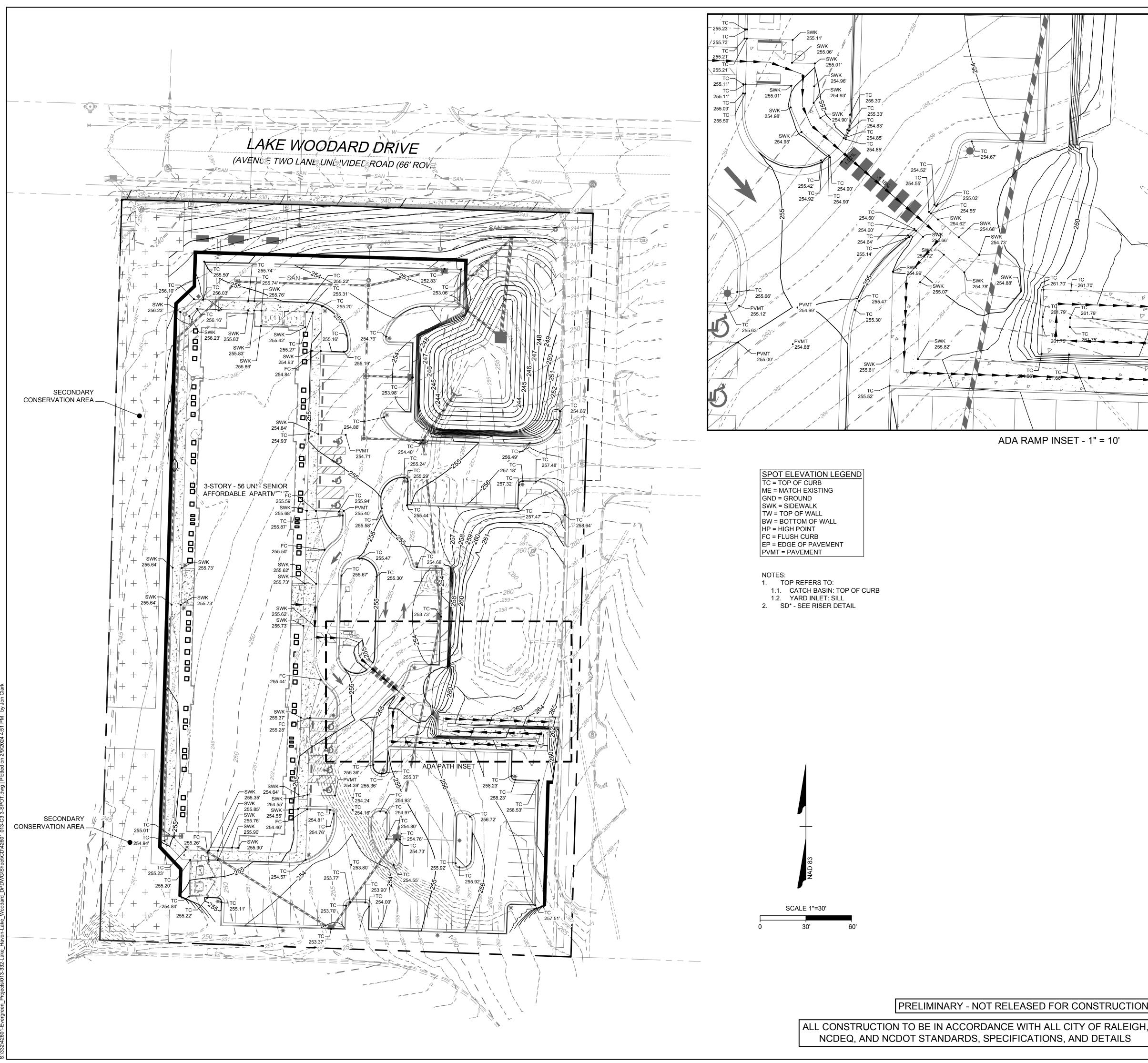
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF DURHAM, NCDEQ AND NCDOT STANDARDS, SPECIFICATIONS AND DETAILS.
- 2. SEE GRADING PLAN FOR MORE INFORMATION ON ENTIRE SITE GRADING.

L

PRELIMINARY - NOT RELEASED FOR CONSTRUCTION

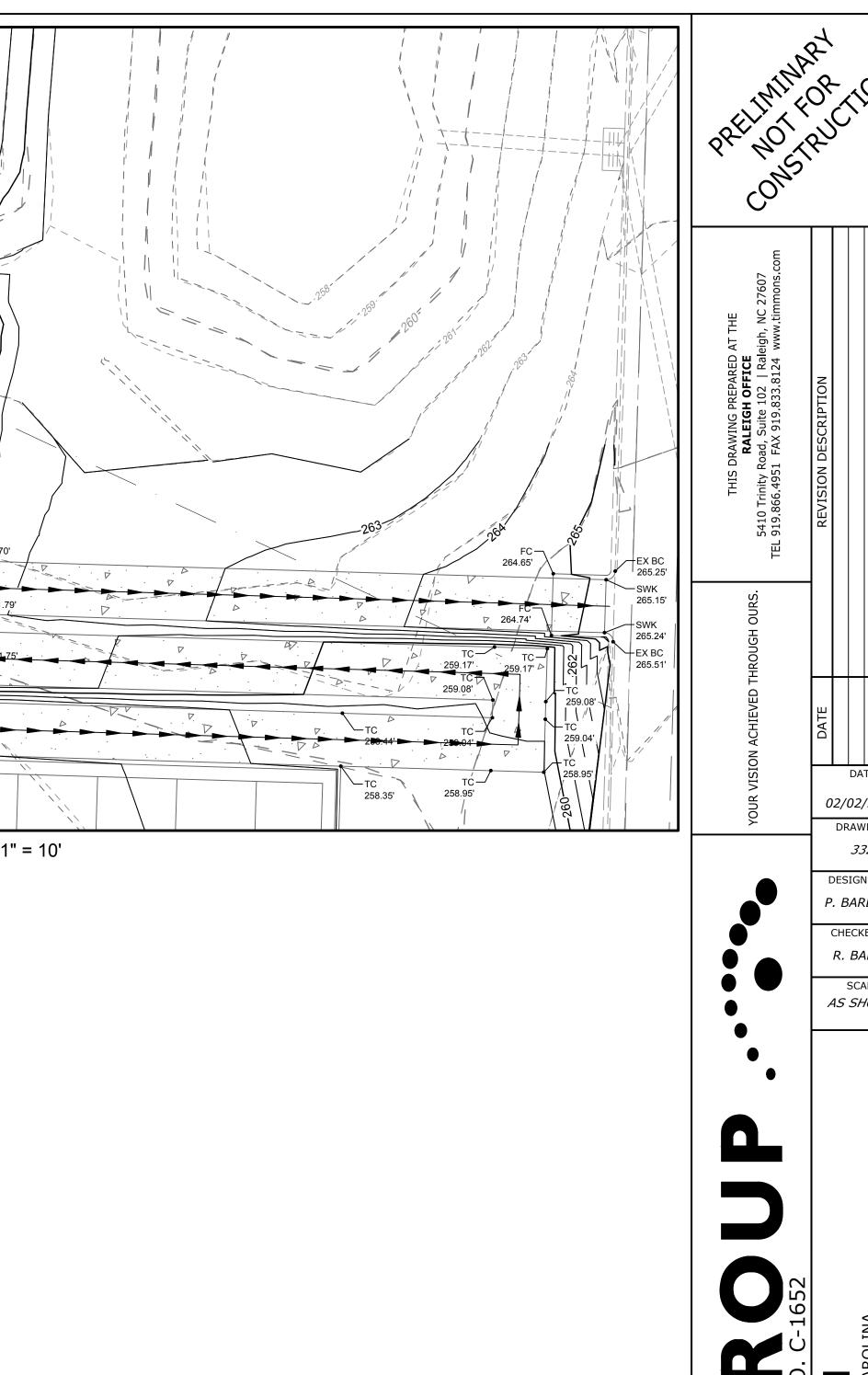
ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL CITY OF RALEIGH, NCDEQ, AND NCDOT STANDARDS, SPECIFICATIONS, AND DETAILS

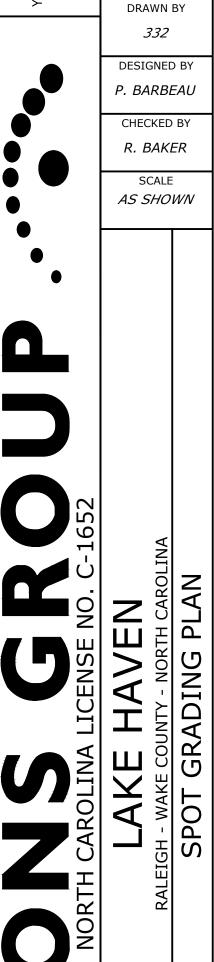




PRELIMINARY - NOT RELEASED FOR CONSTRUCTION

NCDEQ, AND NCDOT STANDARDS, SPECIFICATIONS, AND DETAILS





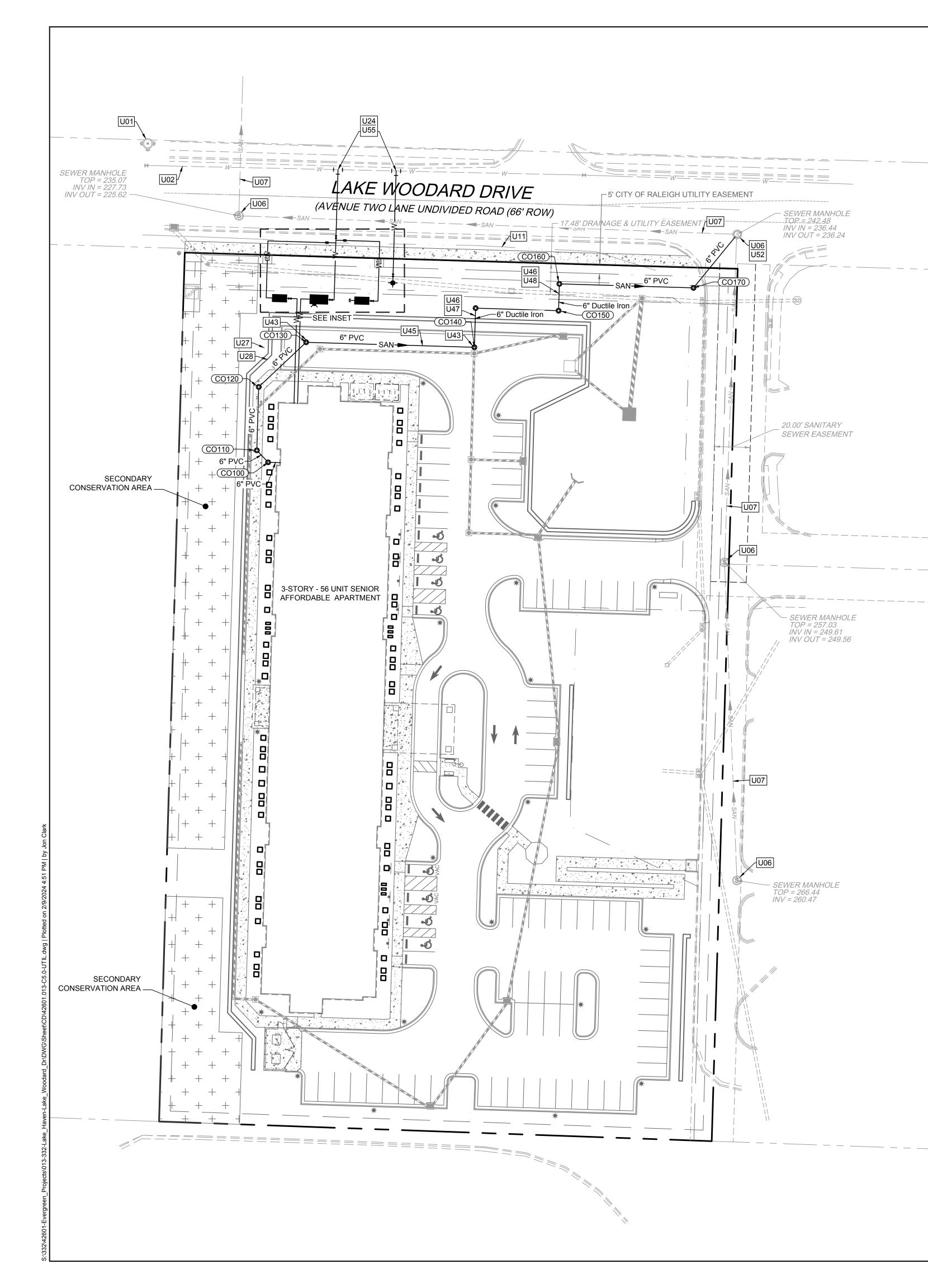
DATE

02/02/2024

JOB NO.

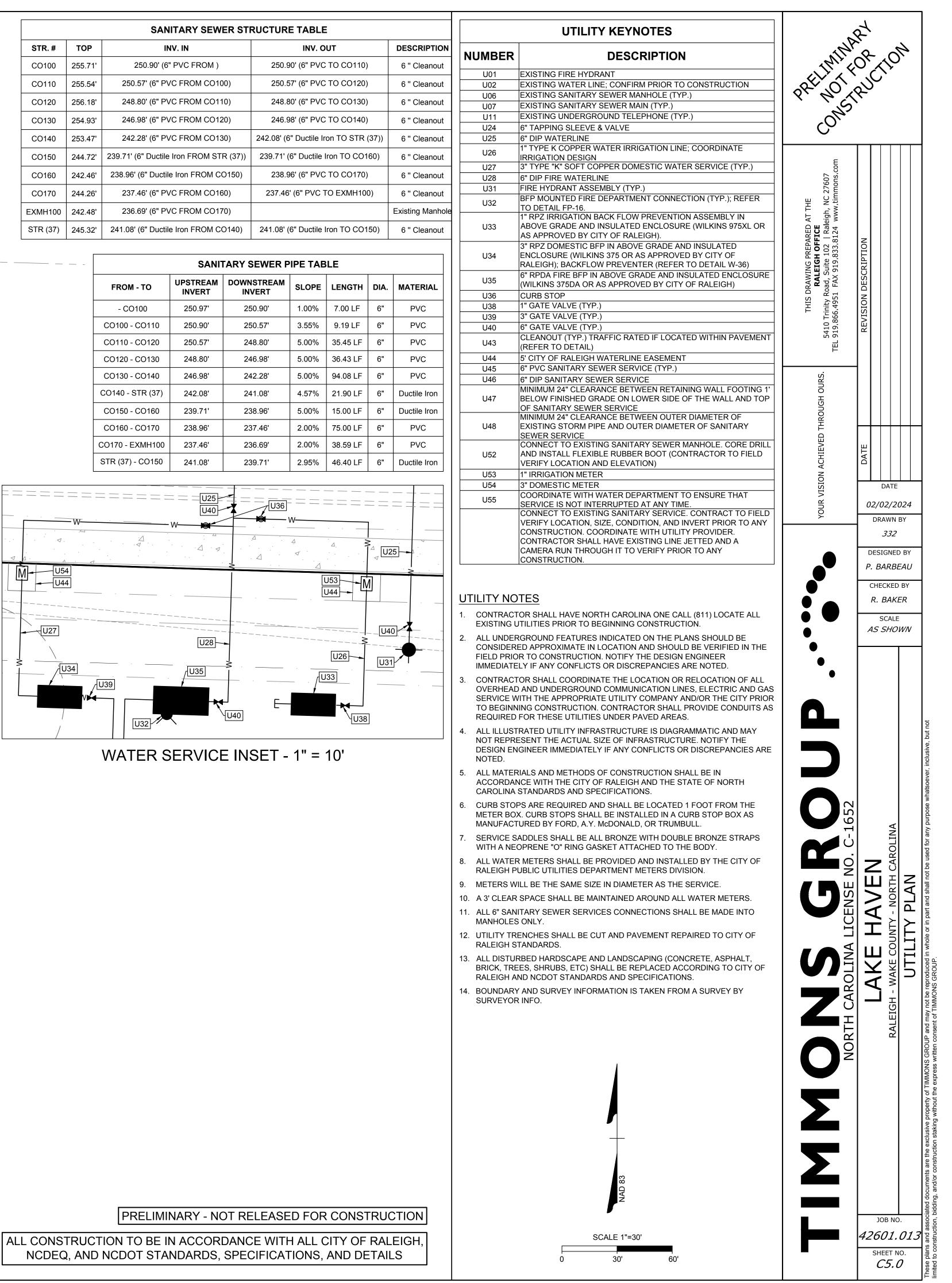
42601.013

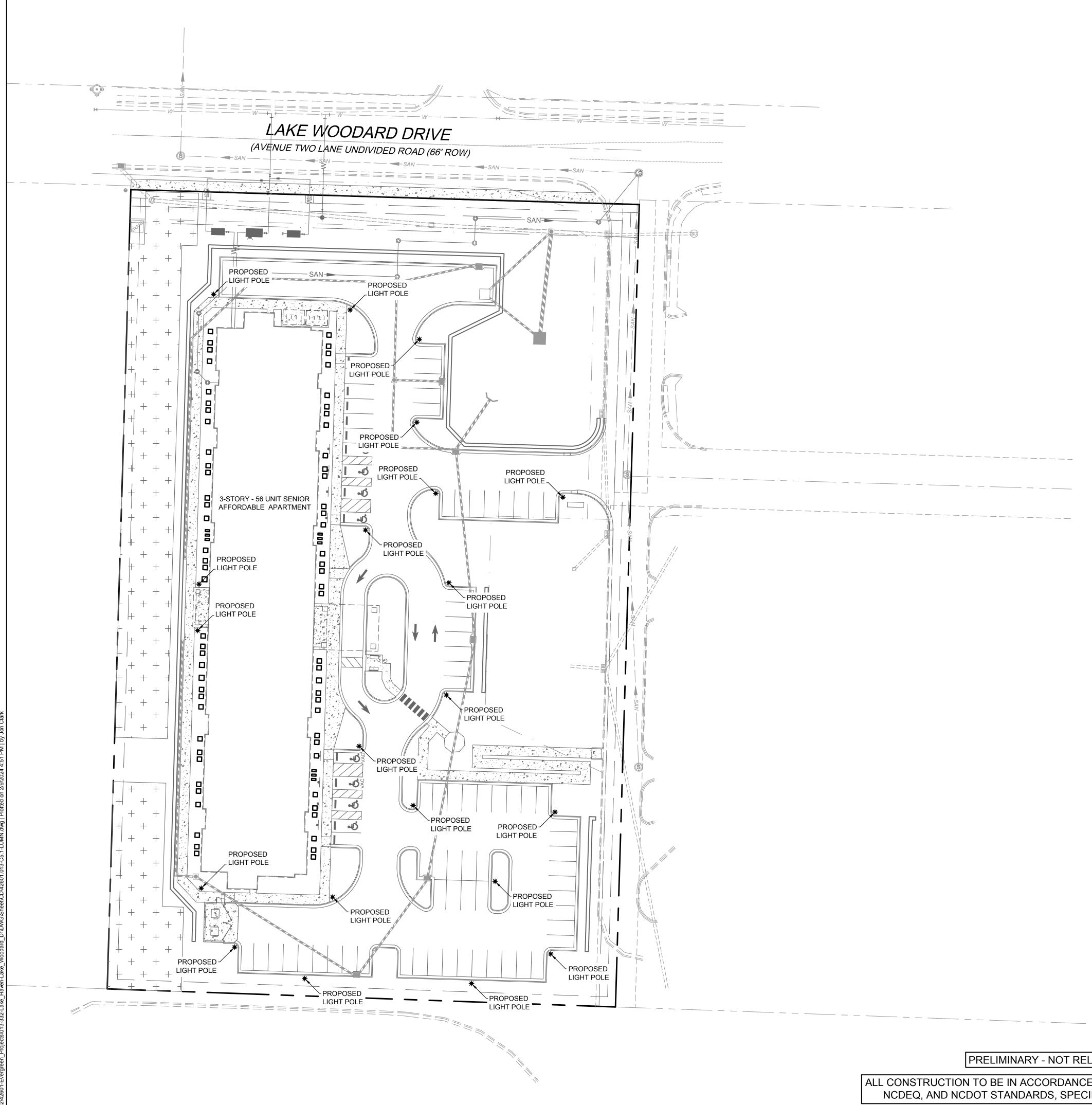
SHEET NO. СЗ.З



SANITARY SEWER STRUCTURE TABLE				
STR. #	ТОР	INV. IN	INV. OUT	
CO100	255.71'	250.90' (6" PVC FROM)	250.90' (6" PVC TO CO1	
CO110	255.54'	250.57' (6" PVC FROM CO100)	250.57' (6" PVC TO CO1	
CO120	256.18'	248.80' (6" PVC FROM CO110)	248.80' (6" PVC TO CO1	
CO130	254.93'	246.98' (6" PVC FROM CO120)	246.98' (6" PVC TO CO1	
CO140	253.47'	242.28' (6" PVC FROM CO130)	242.08' (6" Ductile Iron TO ST	
CO150	244.72'	239.71' (6" Ductile Iron FROM STR (37))	239.71' (6" Ductile Iron TO C	
CO160	242.46'	238.96' (6" Ductile Iron FROM CO150)	238.96' (6" PVC TO CO1	
CO170	244.26'	237.46' (6" PVC FROM CO160)	237.46' (6" PVC TO EXMH	
EXMH100	242.48'	236.69' (6" PVC FROM CO170)		
STR (37)	245.32'	241.08' (6" Ductile Iron FROM CO140)	241.08' (6" Ductile Iron TO C	

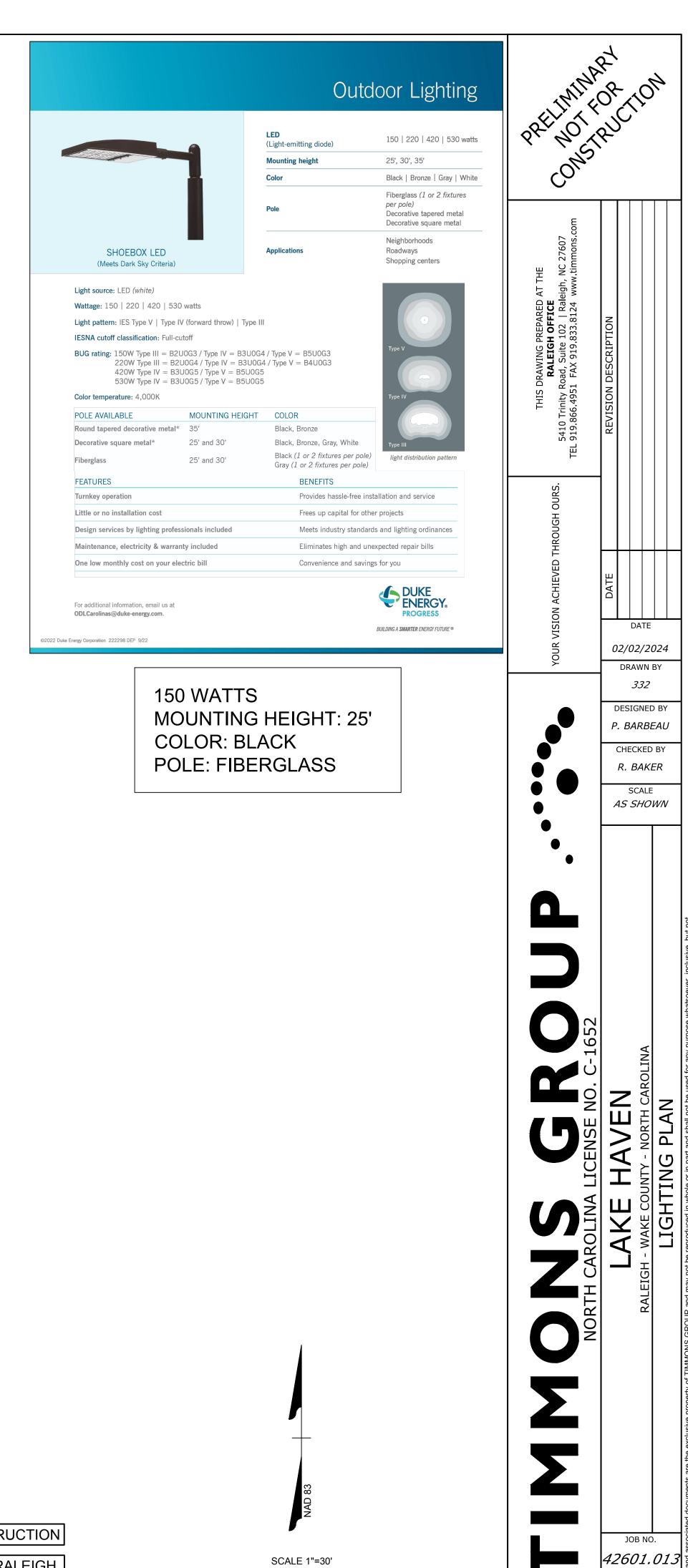
SANITARY SEWER PIPE TABLE						
FROM - TO	UPSTREAM INVERT	DOWNSTREAM INVERT	SLOPE	LENGT		
- CO100	250.97'	250.90'	1.00%	7.00 LF		
CO100 - CO110	250.90'	250.57'	3.55%	9.19 LF		
CO110 - CO120	250.57'	248.80'	5.00%	35.45 L		
CO120 - CO130	248.80'	246.98'	5.00%	36.43 L		
CO130 - CO140	246.98'	242.28'	5.00%	94.08 L		
CO140 - STR (37)	242.08'	241.08'	4.57%	21.90 L		
CO150 - CO160	239.71'	238.96'	5.00%	15.00 L		
CO160 - CO170	238.96'	237.46'	2.00%	75.00 L		
CO170 - EXMH100	237.46'	236.69'	2.00%	38.59 L		
STR (37) - CO150	241.08'	239.71'	2.95%	46.40 L		





PRELIMINARY - NOT RELEASED FOR CONSTRUCTION

ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL CITY OF RALEIGH NCDEQ, AND NCDOT STANDARDS, SPECIFICATIONS, AND DETAILS

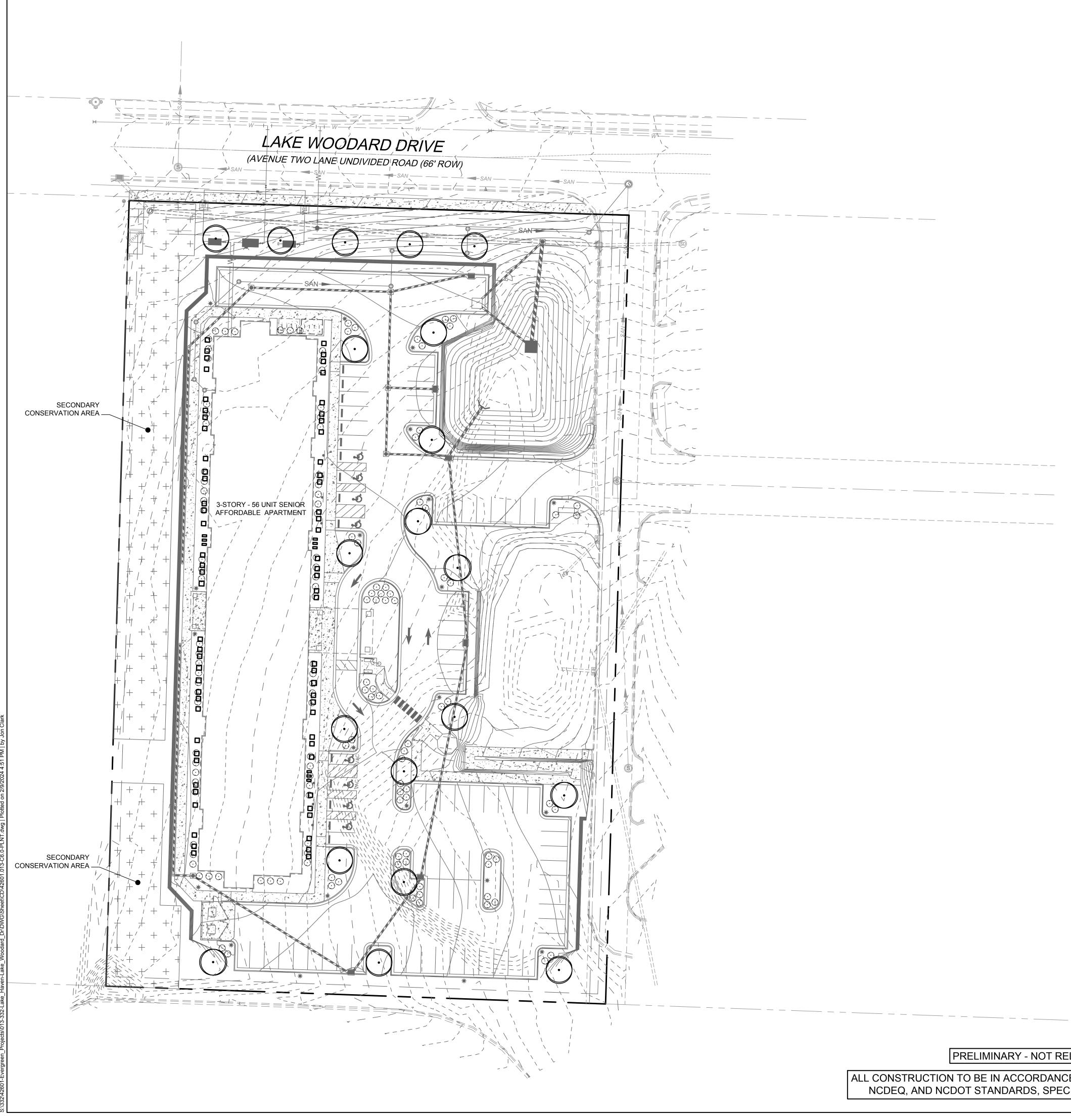


30'

0

60

SHEET NO. C5.1



PRELIMINARY - NOT RELEASED FOR CONSTRUCTION

ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL CITY OF RALEIGH, NCDEQ, AND NCDOT STANDARDS, SPECIFICATIONS, AND DETAILS

LANDSCAPE NOTES:

PRE-CONSTRUCTION

- PRIOR TO CONSTRUCTION LOCATE ALL UNDERGROUND UTILITIES WITHIN AND ADJACENT TO THE WORK AREA. LOCATIONS OF EXISTING BURIED UTILITY LINES SHOWN ON THE PLANS ARE BASED UPON BEST AVAILABLE INFORMATION AND ARE TO BE CONSIDERED APPROXIMATE. PROTECT ALL UTILITIES. REPAIR ALL DAMAGE TO UTILITIES, STRUCTURES, SITE APPURTENANCES, ETC. WHICH OCCURS AS A RESULT OF CONSTRUCTION.
- CONTRACTOR ENGAGED IN LANDSCAPE IMPLEMENTATION SHALL BE A LANDSCAPE
- CONTRACTOR REGISTERED IN THE STATE OF NORTH CAROLINA.
- VERIFY ALL PLANT MATERIAL QUANTITIES ON PLANS PRIOR TO BIDDING. PLANT LIST TOTALS ARE FOR CONVENIENCE ONLY AND MUST BE VERIFIED.
- PLANT MATERIAL SUBSTITUTIONS CAN ONLY OCCUR WITH PRIOR WRITTEN APPROVAL BY
- LANDSCAPE ARCHITECT. PRIOR TO THE COMMENCEMENT OF ANY ACTIVITIES REQUIRING A BUILDING OR ZONING PERMIT AN ON-SITE PRE-CONSTRUCTION CONFERENCE SHALL TAKE PLACE WITH THE DEVELOPER AND THE ADMINISTRATOR TO REVIEW PROCEDURES FOR THE PROTECTION AND MANAGEMENT OF ALL LANDSCAPE ELEMENTS TO REMAIN.
- ALL PLANT MATERIALS ARE SUBJECT TO LANDSCAPE ARCHITECT APPROVAL BEFORE, DURING, AND AFTER INSTALLATION. 0 ANY PLANT MATERIAL WHICH IS DISEASED, DISTRESSED, DEAD, OR REJECTED (PRIOR TO
- SUBSTANTIAL COMPLETION) SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF THE SAME SPECIES, QUANTITY, AND SIZE. ALL PLANT MATERIALS AND INSTALLATION SHALL COMPLY WITH RECOMMENDATIONS AND
- REQUIREMENTS OF ANSI Z60.1 "AMERICAN STANDARD FOR NURSERY STOCK". ALL PLANT MATERIAL SHALL BE HEALTHY, VIGOROUS, AND FREE OF PESTS AND DISEASE. 0 ALL PLANT MATERIAL SHALL BE CONTAINER GROWN OR BALLED AND BURLAPPED AS INDICATED IN THE PLANT LIST.
- o ALL TREES SHALL HAVE A STRAIGHT TRUNK AND FULL HEAD.

CONSTRUCTION/INSTALLATION

- CONTRACTOR IS ENCOURAGED TO COMPLETE TEMPORARY OR PERMANENT SEEDING IN STAGES FOR SOIL STABILIZATION AS AREAS ARE COMPLETED AFTER GRADING. THIS PLAN DOES NOT PRESENT ANY TEMPORARY STABILIZATION REQUIRED AS PART OF SWPPP PLAN. CONTRACTOR SHALL TAKE 3 REPRESENTATIVE SOIL SAMPLES OF EACH PROPOSED PLANT BED
- AND SUBMIT COPIES OF THE RESULTS TO THE LANDSCAPE ARCHITECT PRIOR TO BEGINNING WORK.
- STUMPS LABELED FOR REMOVAL SHALL BE EXCAVATED, NOT GROUND. REMOVE ALL DEBRIS FROM THE HOLE. FILL WITH TOP SOIL, COMPACT, AND RAKE SMOOTH PRIOR TO INSTALLING NEW PLANT MATERIAL.
- CONTRACTOR IS RESPONSIBLE FOR DELIVERY SCHEDULE AND PROTECTION BETWEEN
- DELIVERY AND PLANTING TO MAINTAIN HEALTHY PLANT CONDITIONS. ALL LANDSCAPED AND LAWN AREAS ARE TO RECEIVE A MINIMUM OF 4" OF TOPSOIL.
- ALL LANDSCAPE ISLANDS SHALL BE GRADED FOR POSITIVE DRAINAGE WITH NO LOW SPOTS ALLOWING WATER TO BE TRAPPED.
- INSTALL LANDSCAPE PLANTINGS AT ENTRANCES/EXITS AND PARKING AREAS ACCORDING TO PLANS SO MATERIAL WILL NOT INTERFERE WITH SIGHT DISTANCES.
- THE SIZE OF THE PLANTING AREA AND SIZE OF PLANT MATERIAL AT MATURITY SHALL ALLOW FOR A 2.5' BUMPER OVERHANG FROM THE BACK OF CURB.
- ALL TREES MUST BE GUYED OR STAKED AS DETAILED.
- AREAS DAMAGED FROM PLANT RELOCATION OR OTHER ACTIVITIES OF LANDSCAPE
- CONTRACTOR TO BE RESEEDED AND ESTABLISHED AT NO ADDITIONAL COST TO THE OWNER. CONTRACTOR IS RESPONSIBLE FOR WATERING ALL PLANT MATERIAL DURING INSTALLATION AND UNTIL FINAL INSPECTION AND ACCEPTANCE BY OWNER. CONTRACTOR SHALL NOTIFY OWNER OF CONDITIONS WHICH AFFECTS THE GUARANTEE. IT MAY BE NECESSARY TO TRUCK IN NON-CITY WATER TO MEET PLANT NEEDS.
- USE HERBICIDES, PESTICIDES, AND FERTILIZER IN A MANNER CONSISTENT WITH THE FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT AND IN ACCORDANCE WITH LABEL RESTRICTIONS.
- ALL LAWN AREAS TO BE SEEDED SHALL USE A LOCALLY GROWN COMMERCIAL MIX MEETING LATEST STATE OF NORTH CAROLINA AGRICULTURE STANDARDS FOR SEED AND PLANT CERTIFICATION.
- SEEDING AND STRAW NOTES FOR LAWN AREAS:
- o RIP THE ENTIRE AREA TO DEPTH OF NOT LESS THAN 6". 0 REMOVE ALL LOOSE ROCKS, ROOTS, AND OTHER OBSTRUCTIONS LEAVING SURFACE SMOOTH AND UNIFORM. DISPOSE OF WASTE MATERIAL OFF-SITE.
- CHISEL COMPACTED AREAS AND SPREAD TOPSOIL TO SPECIFIED DEPTH.
- o APPLY AGRICULTURAL LIME, FERTILIZER, AND SUPER PHOSPHATE UNIFORMLY AND MIX WITH SOIL. APPLY SOIL AMENDMENTS PER REQUIRED SOIL ANALYSIS RECOMMENDATIONS. 0 CONTINUE TILAGE UNTIL A WELL PULVERIZED, FIRM, REASONABLY UNIFORM SEEDBED IS
- PREPARED. 0 SEED ON A FRESHLY PREPARED SEEDBED AND COVER SEED LIGHTLY WITH SEEDING
- EQUIPMENT OR CULTIPACK AFTER SEEDING.
- o MULCH IMMEDIATELY AFTER SEEDING AND ANCHOR MULCH. INSPECT ALL SEEDED AREAS AND IF POSSIBLE, MAKE NECESSARY REPAIRS OR RESEEDINGS WITHIN THE PLANTING SEASON. IF GRANDSTAND SHOULD BE OVER 60% DAMAGED, REESTABLISH FOLLOWING ORIGINAL LIME, FERTILIZER, AND SEEDING RATES. o ANCHOR TACK WITH LIQUID ASPHALT AT 400 GAL/ACRE OR EMULSIFIED ASPHALT AT 300 GAL/ACRE.
- BIODEGRADABLE WEED MATTING (ALL-PRO WEED MAT OR APPROVED EQUAL) SHALL BE
- REQUIRED IN SHRUB BEDS ADJACENT TO BUILDING FACADE.
- PLANTING BEDS TO BE COMPLETELY COVERED WITH A MINIMUM 4" DEPTH OF MATERIAL FROM A LOCAL SOURCE HARVESTED IN A SUSTAINABLE MANNER. REFER TO LANDSCAPE SCHEME FOR MATERIAL SPECIFICATIONS.
- MULCH ALL PLANT BEDS AND TREE RINGS WITH FRESH, CLEAN MATERIAL PER SPECIFICATIONS. ALL MULCH EDGES SHALL BE NEATLY TUCKED. ALL STRING AND/OR BAILING WIRE SHALL BE REMOVED. DUST SHRUBS AND GROUND COVER AFTER MULCHING TO REMOVE LOOSE MATERIAL FROM PLANTS. DO NOT PLACE MULCH IN CONTACT WITH THE TREE TRUNK: KEEP A MINIMUM OF 4" AWAY FROM TREE TRUNK OR BASE OF PLANT.
- MULCH AND NO-MOW MIXES SHALL BE REPLENISHED AS NEEDED, ESPECIALLY AFTER HEAVY RAIN EVENTS. IF NO-MOW MIX GERMINATES AT A RATE OF LESS THAN 90%, THEN REMOVE OTHER SPECIES AND RESEED.

TEMPORARY IRRIGATION

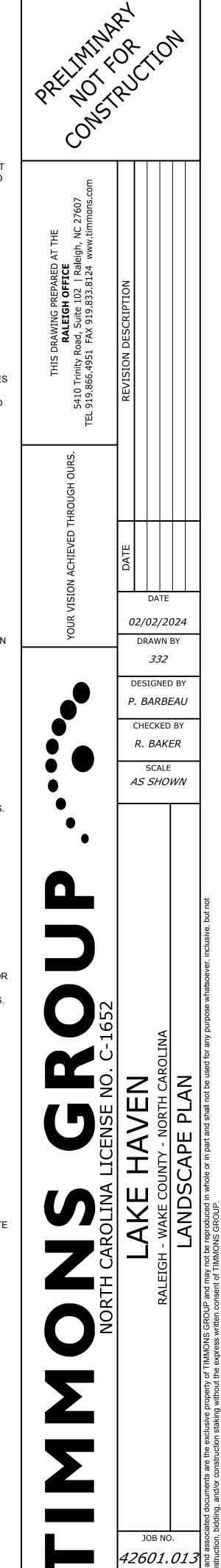
 CONTRACTOR TO PROVIDE AND MAINTAIN TEMPORARY IRRIGATION FOR SOD WITHIN THE STORMWATER CONTROL MEASURE UNTIL SOD BECOMES ESTABLISHED.

INSPECTIONS/GUARANTEE

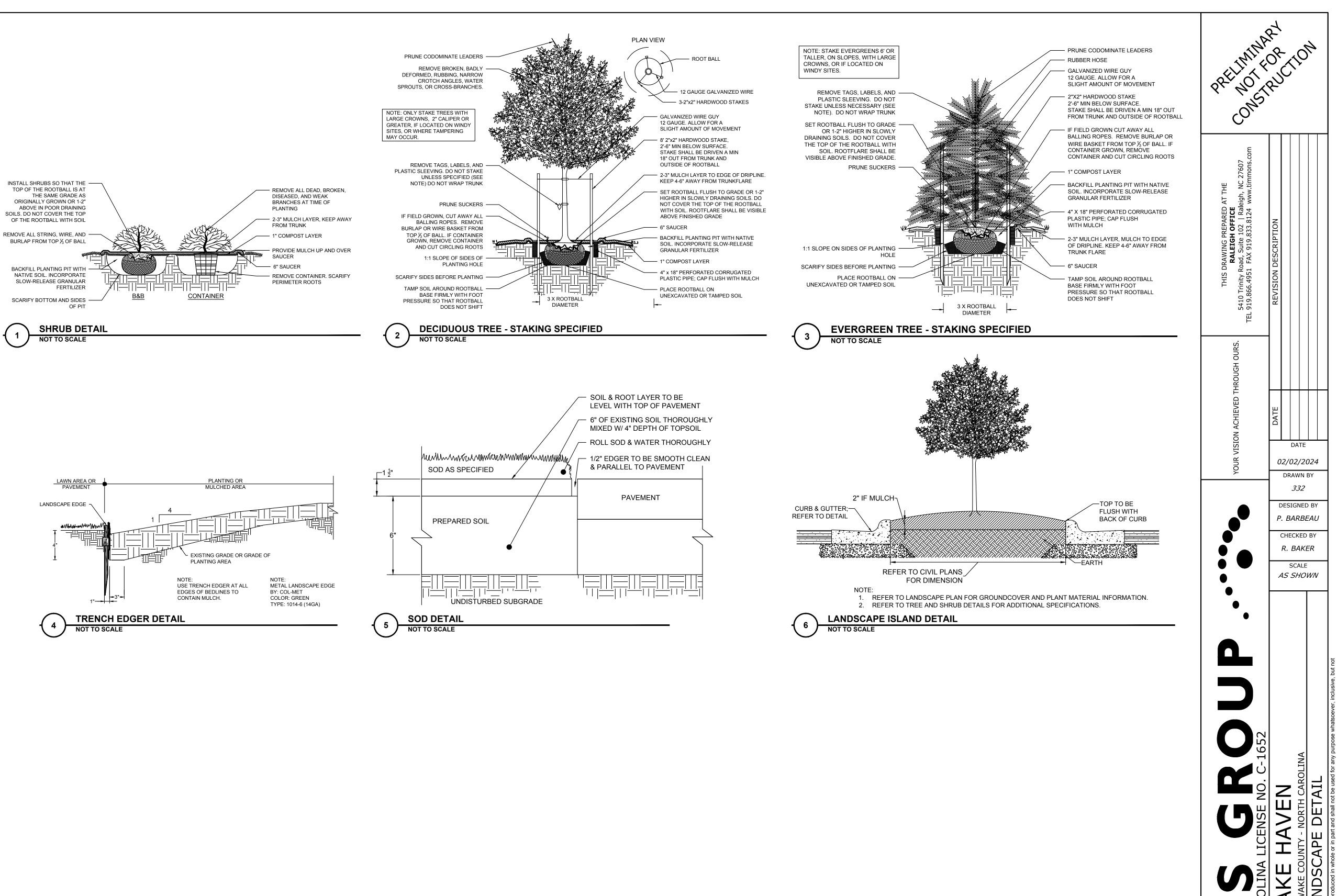
- LANDSCAPE CONTRACTOR SHALL NOTIFY GENERAL CONTRACTOR UPON COMPLETION OF LANDSCAPE INSTALLATION. CONTRACTOR WILL VERIFY COMPLETENESS INCLUDING THE REPLACEMENT OF ALL DEAD PLANT MATERIAL. CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A FINAL INSPECTION BY LANDSCAPE ARCHITECT.
- PLANT MATERIAL QUANTITIES AND SIZES WILL BE INSPECTED FOR COMPLIANCE WITH APPROVED PLANS BY A SITE PLAN REVIEW AGENT PRIOR TO THE RELEASE OF THE CERTIFICATE OF OCCUPANCY.
- CONTRACTOR TO GUARANTEE ALL PLANT MATERIALS FOR ONE FULL YEAR AGAINST DEFECTS INCLUDING DEATH AND UNSATISFACTORY GROWTH. WARRANTY PERIOD SHALL BEGIN UPON CERTIFICATE OF OCCUPANCY OR WHEN THE OWNER TAKES OVER MAINTENANCE, WHICHEVER COMES FIRST.

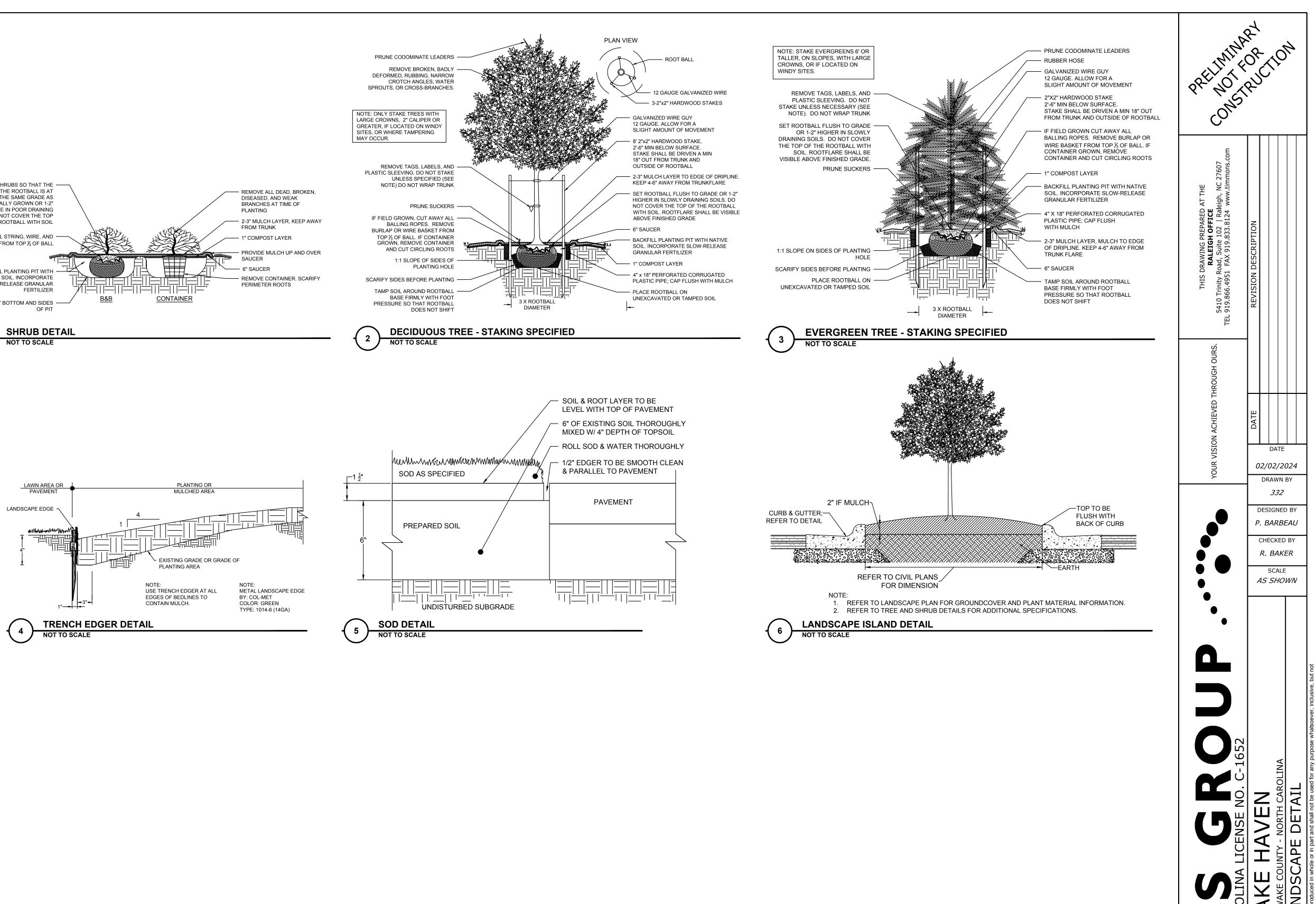


NAD 83	
SCALE 1"=30'	



SHEET NO. C6.0





PRELIMINARY - NOT RELEASED FOR CON

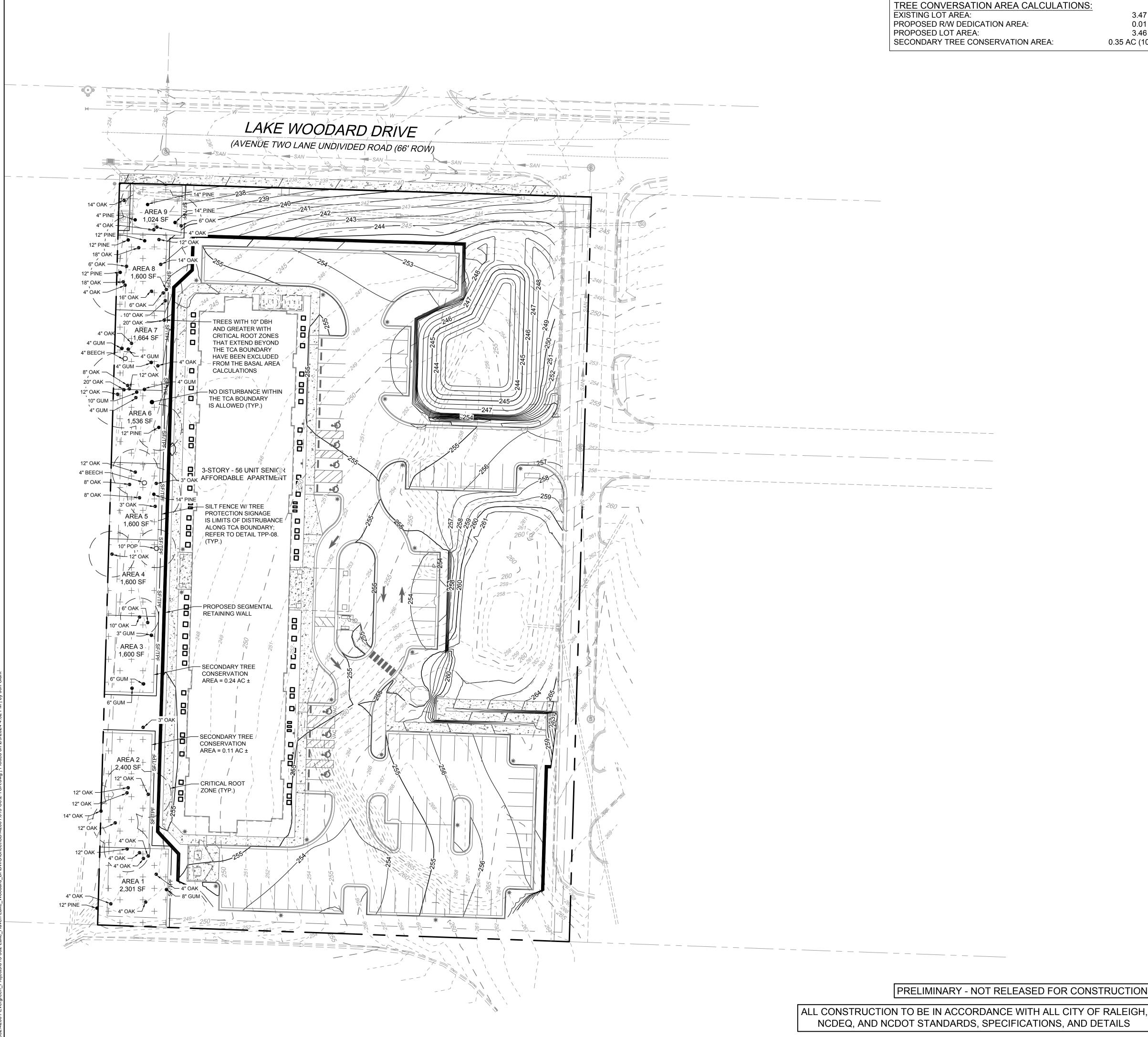
ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL CITY (NCDEQ, AND NCDOT STANDARDS, SPECIFICATIONS, AND

NSTRUCTION
OF RALEIGH,
DETAILS



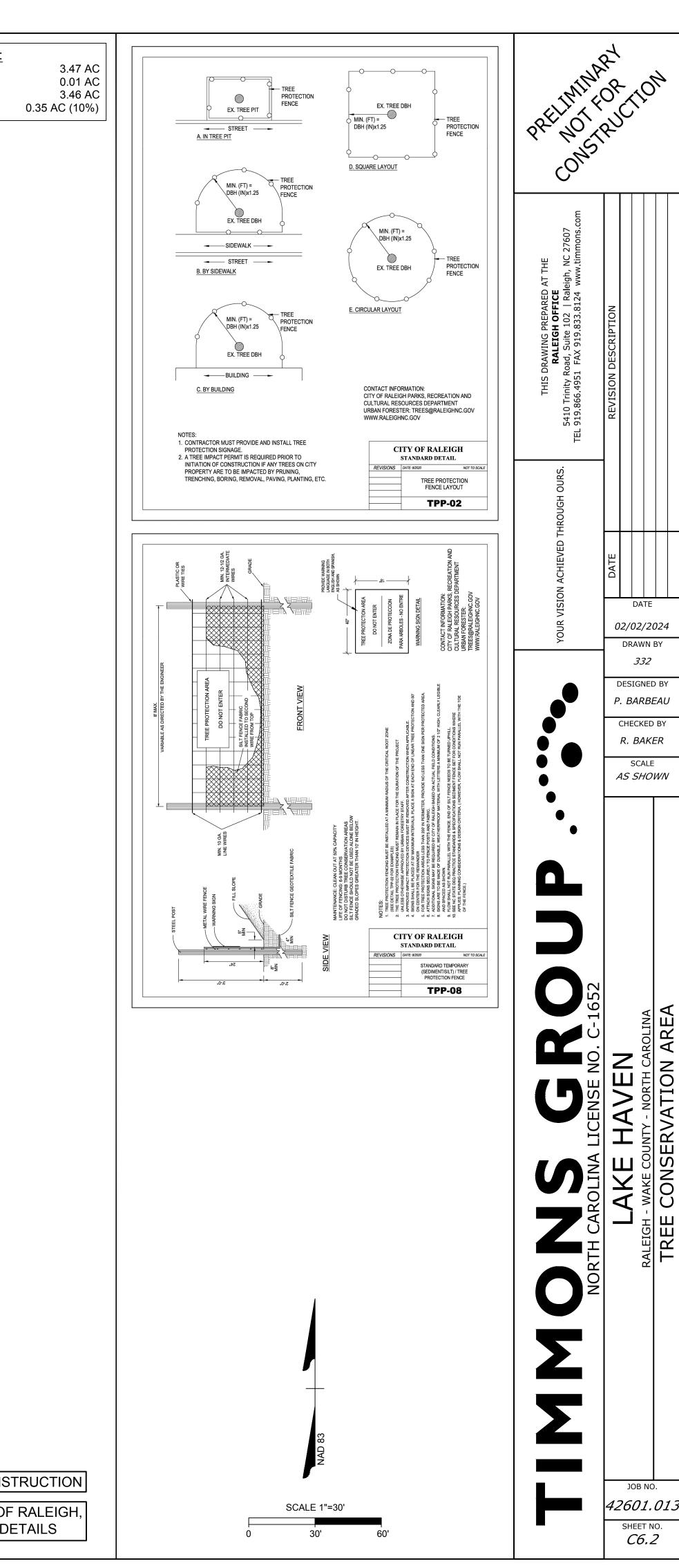
JOB NO.

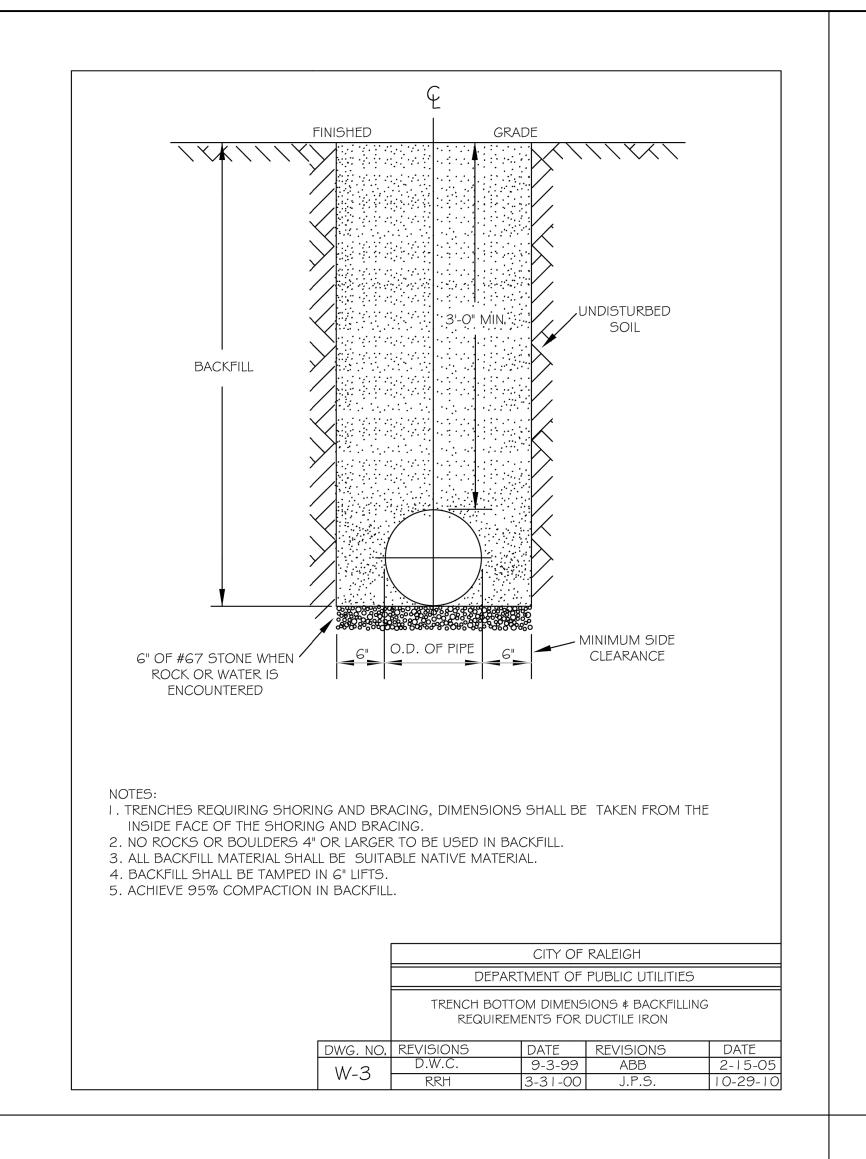
sheet no. *C6.1*

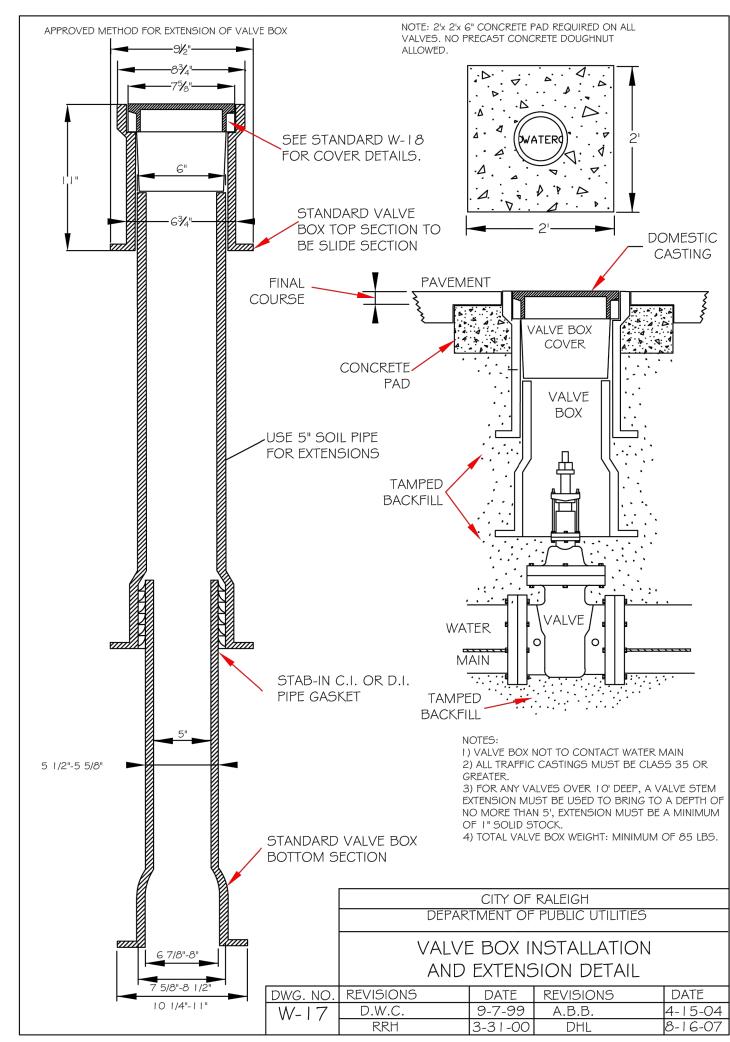


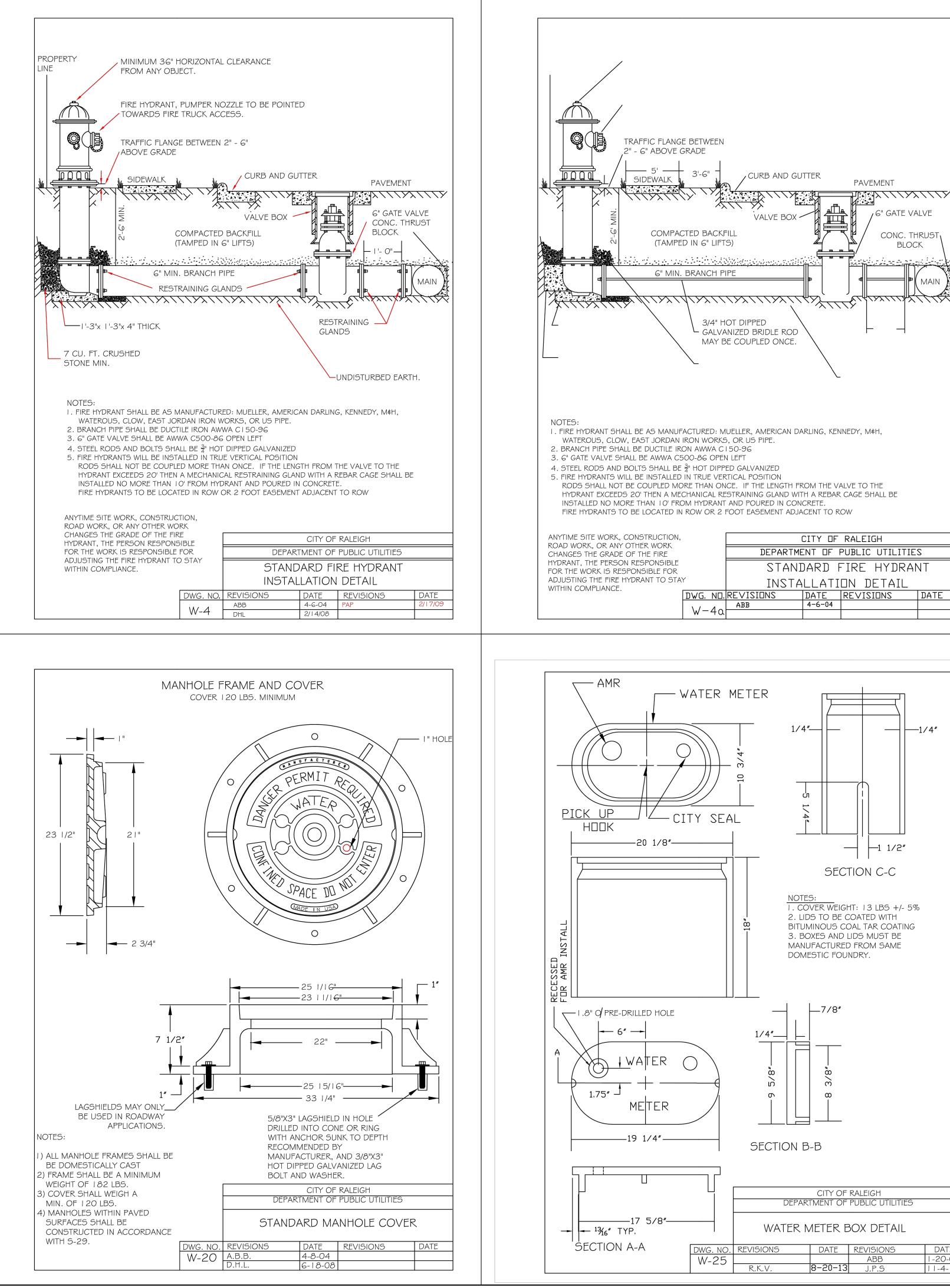
TREE CONVERSATION AREA CALCULATIONS: PROPOSED R/W DEDICATION AREA: SECONDARY TREE CONSERVATION AREA:

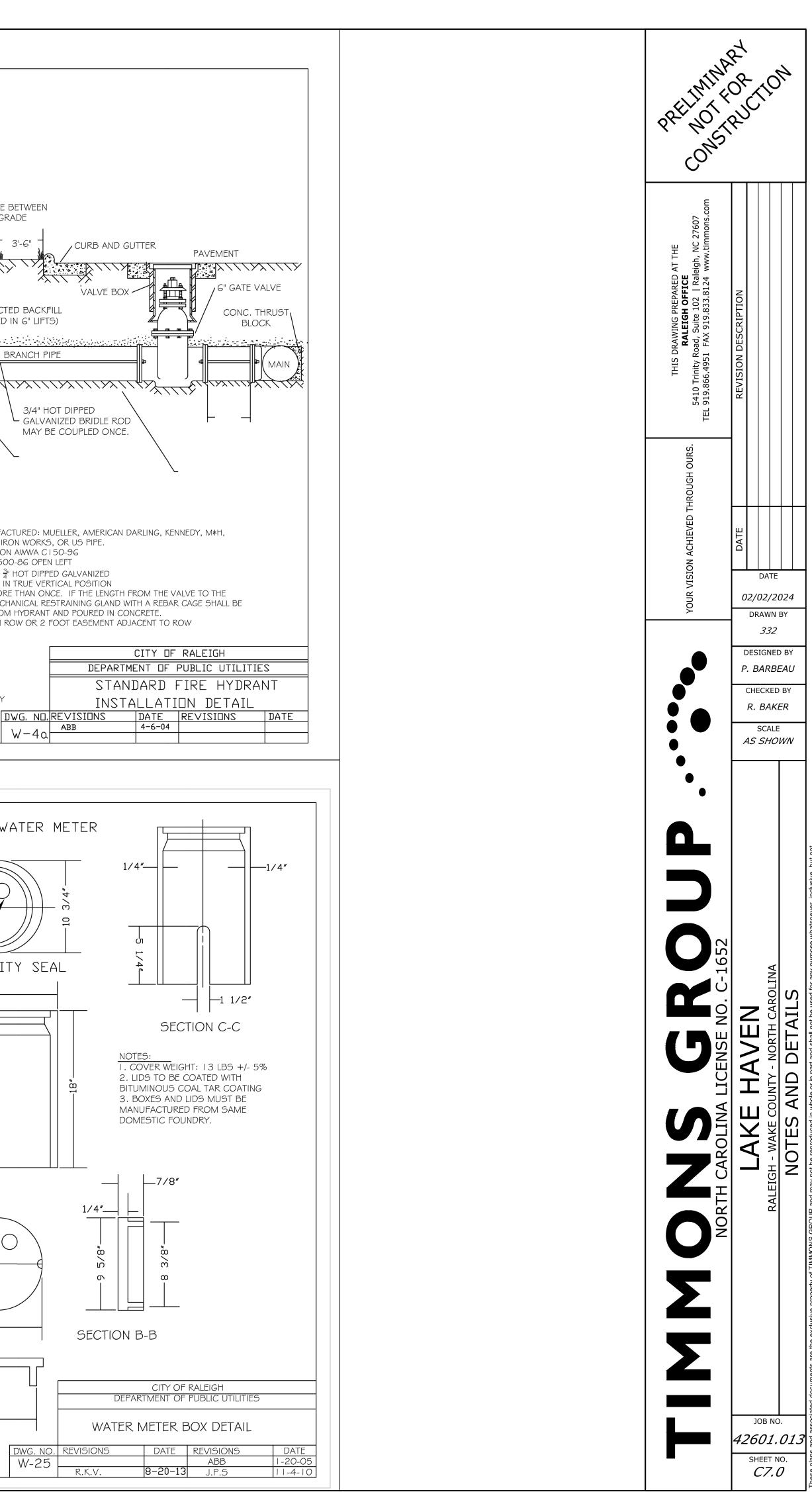
ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL CITY OF RALEIGH



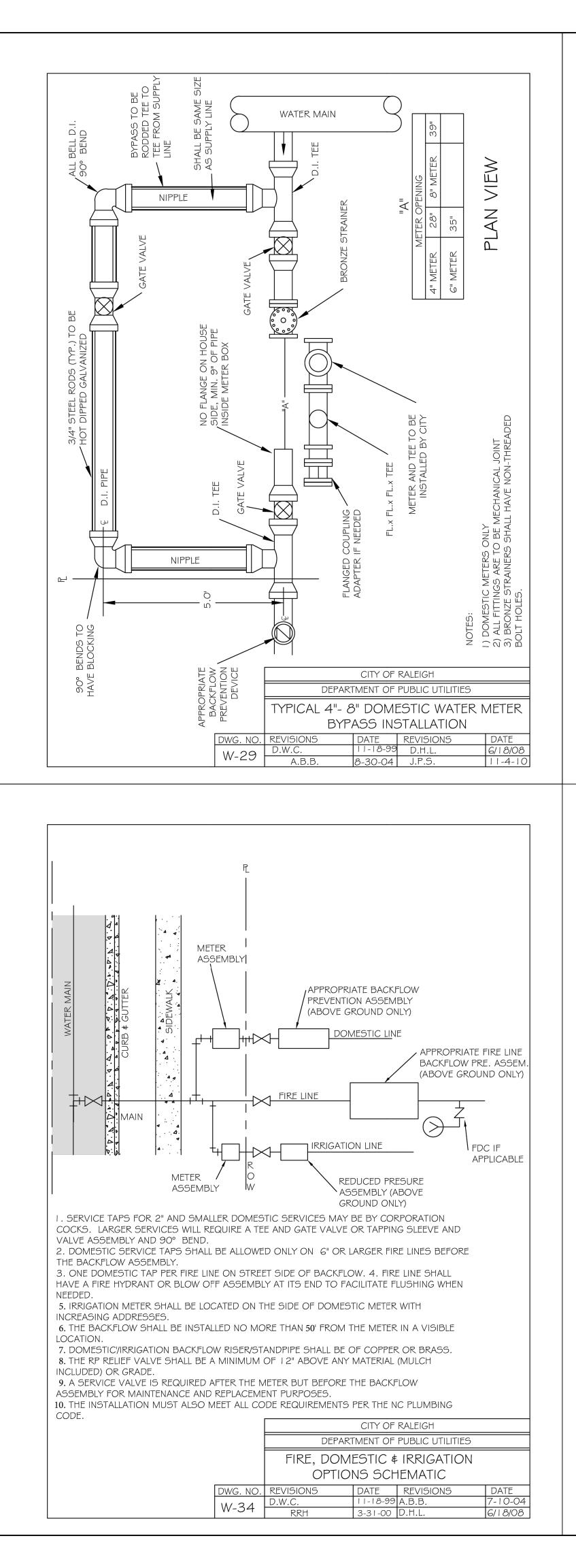




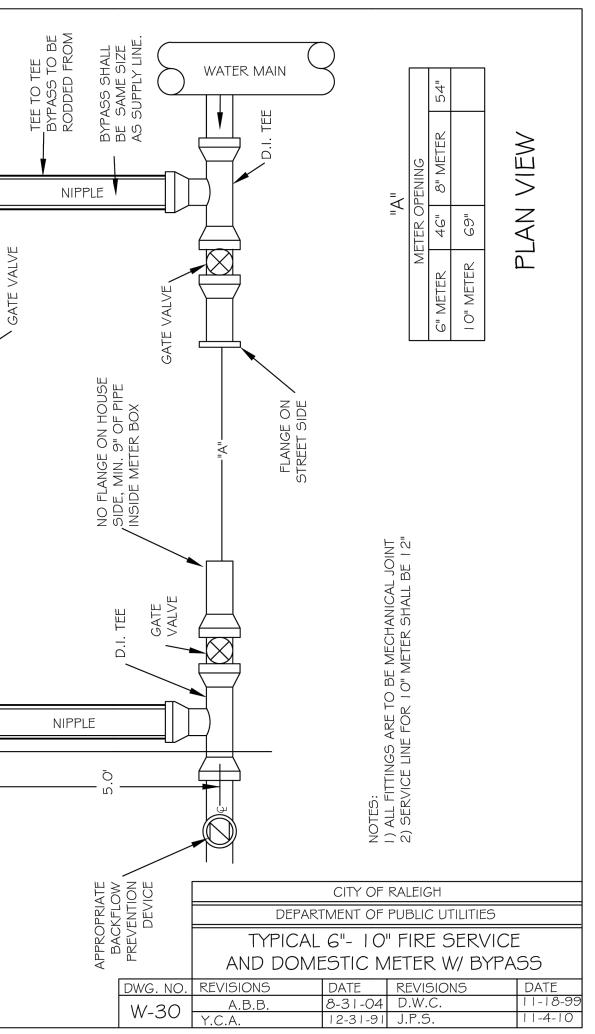


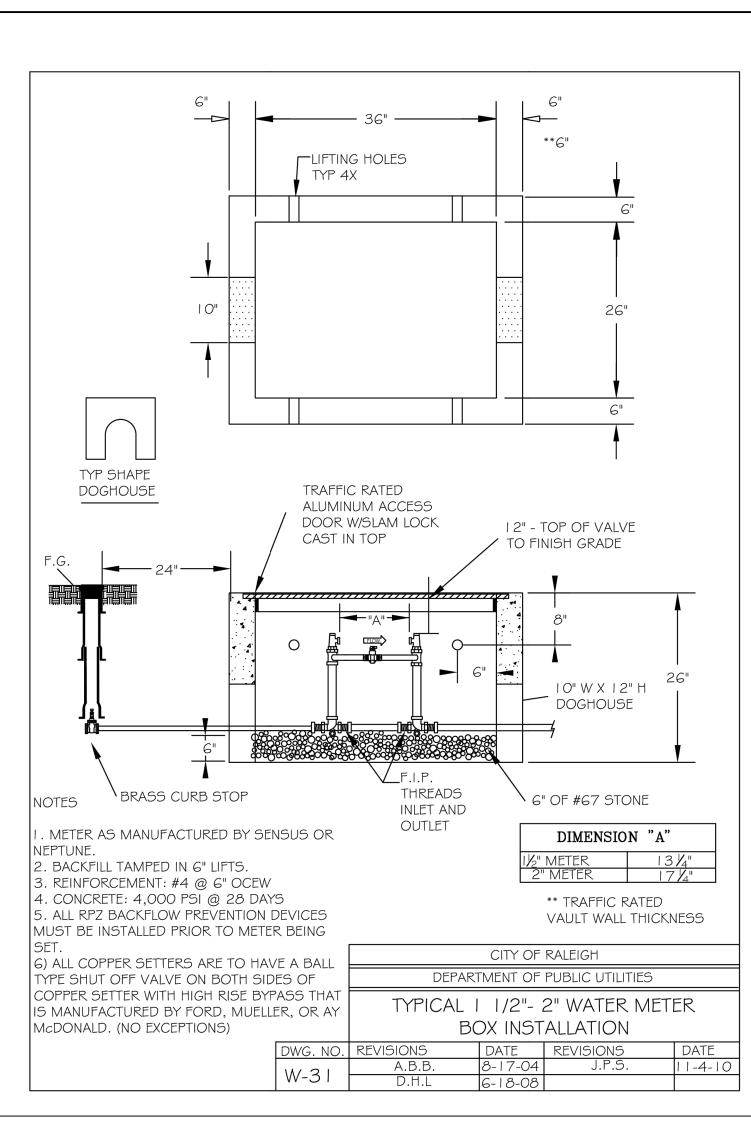


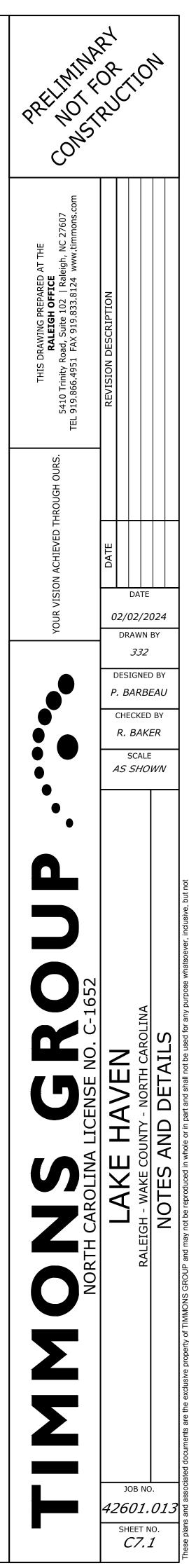
These plans and associated documents are the exclusive property of TIMMONS GROUP and may not be reproduced in whole or in part and shall not be used for any purpose whatsoever, in limited to construction bidding and/or construction staking without the express written consent of TIMMONS GROUP.

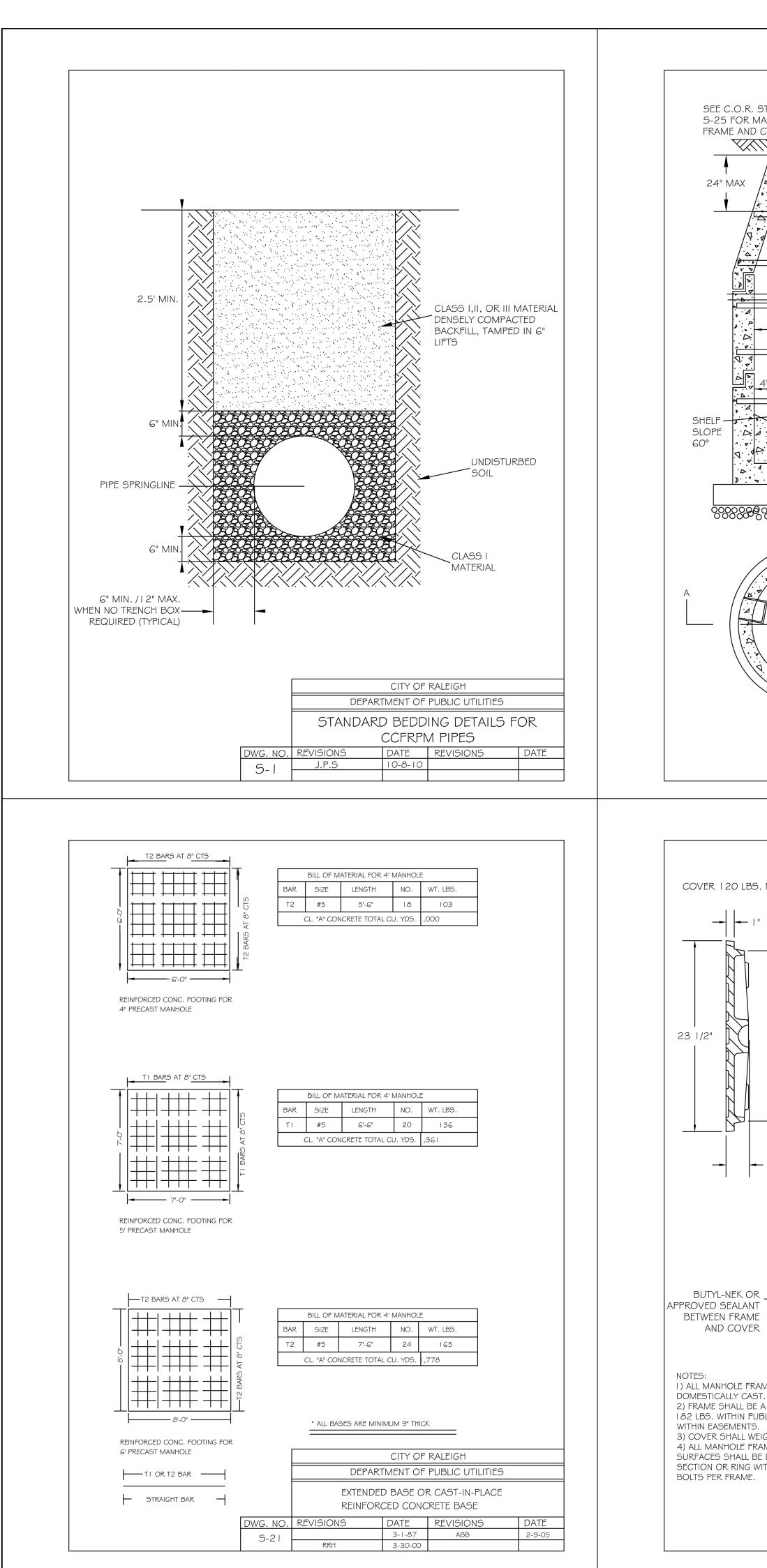


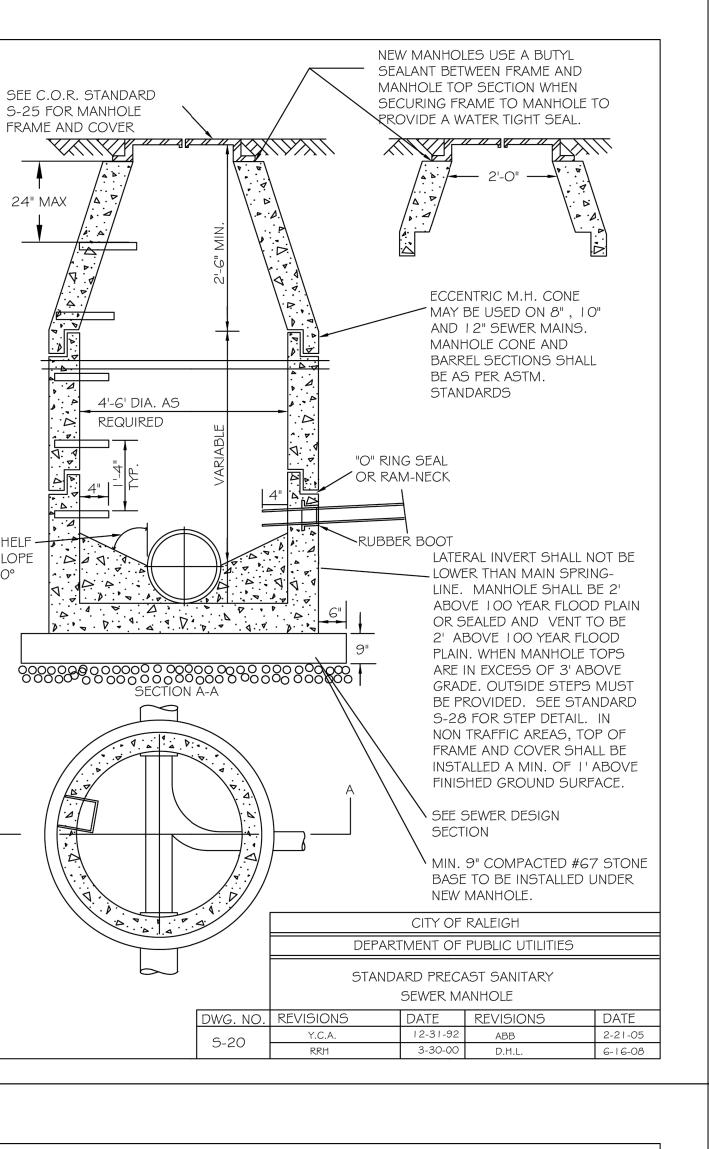
BELL D. BEND ALL 90° \bigtriangledown CODS (TYP.) TO GALVANIZED STEEL RO 3/4" HOT പ — 10 NG BLOCKI 90° I HAVE

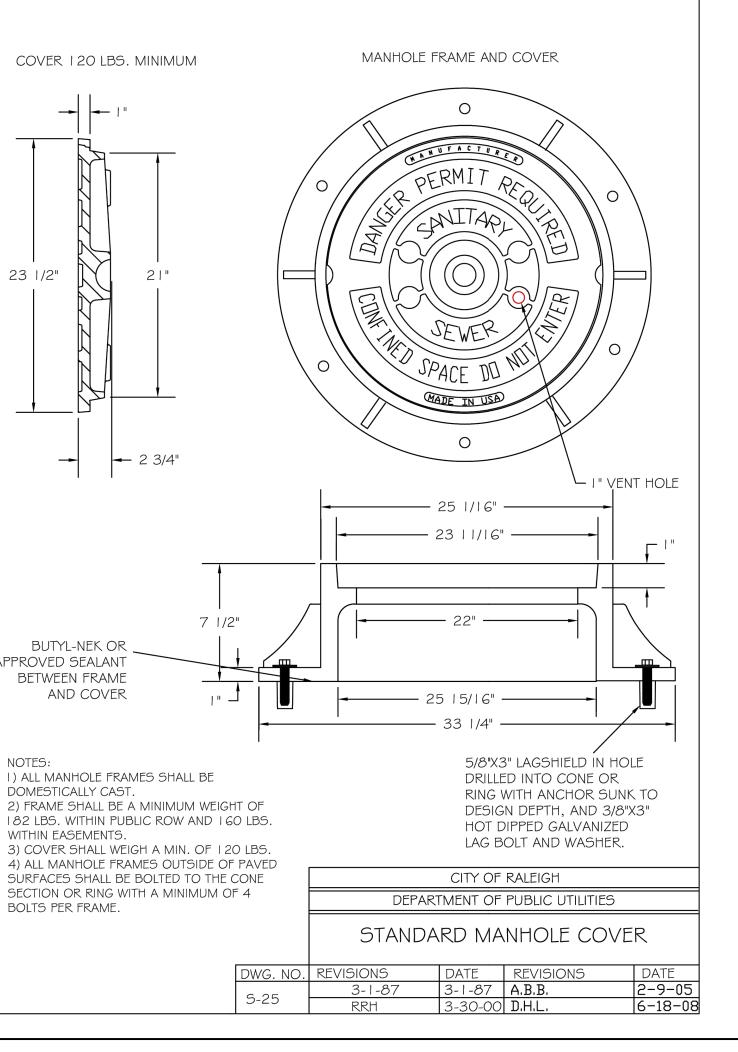


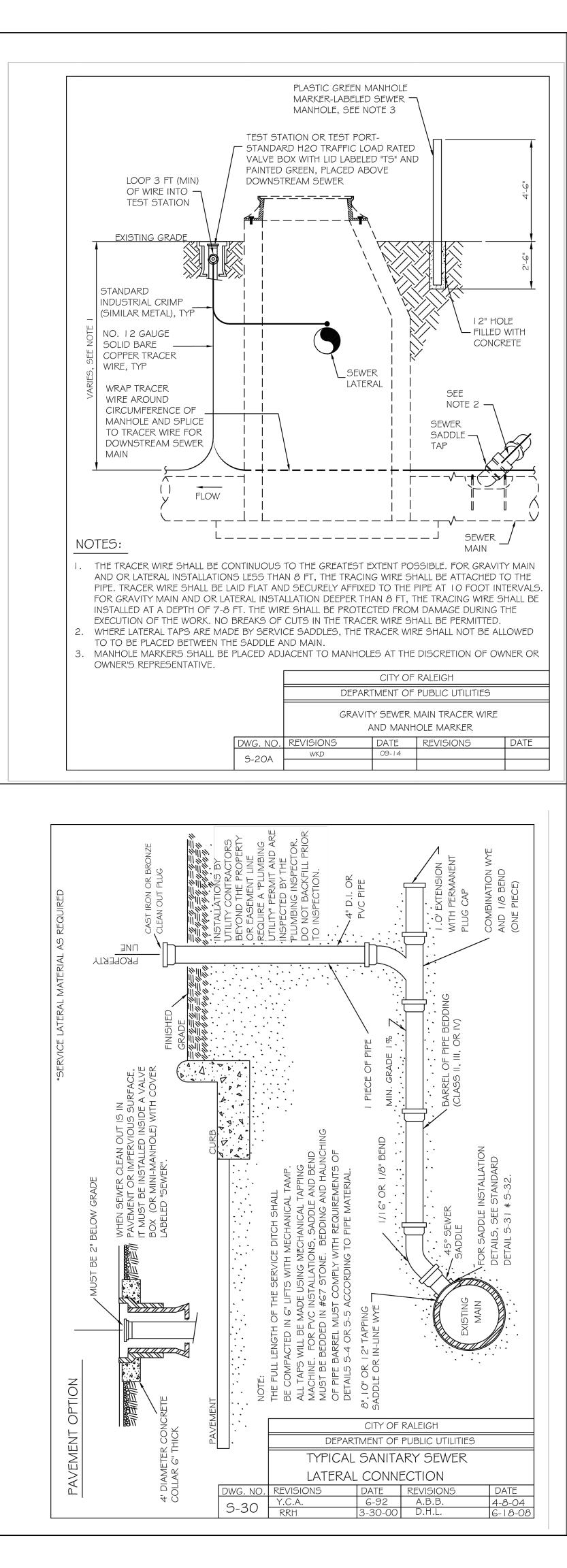


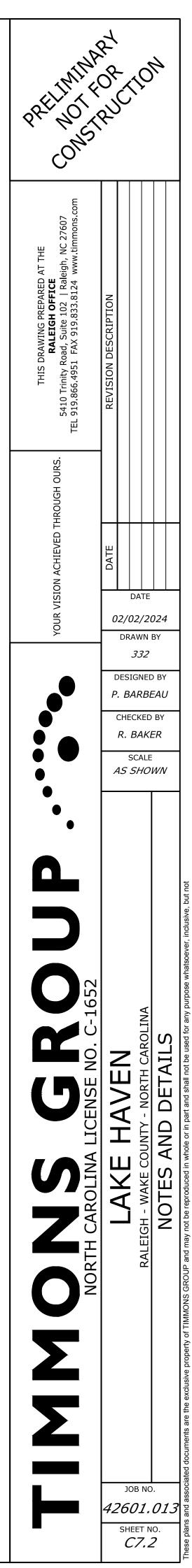


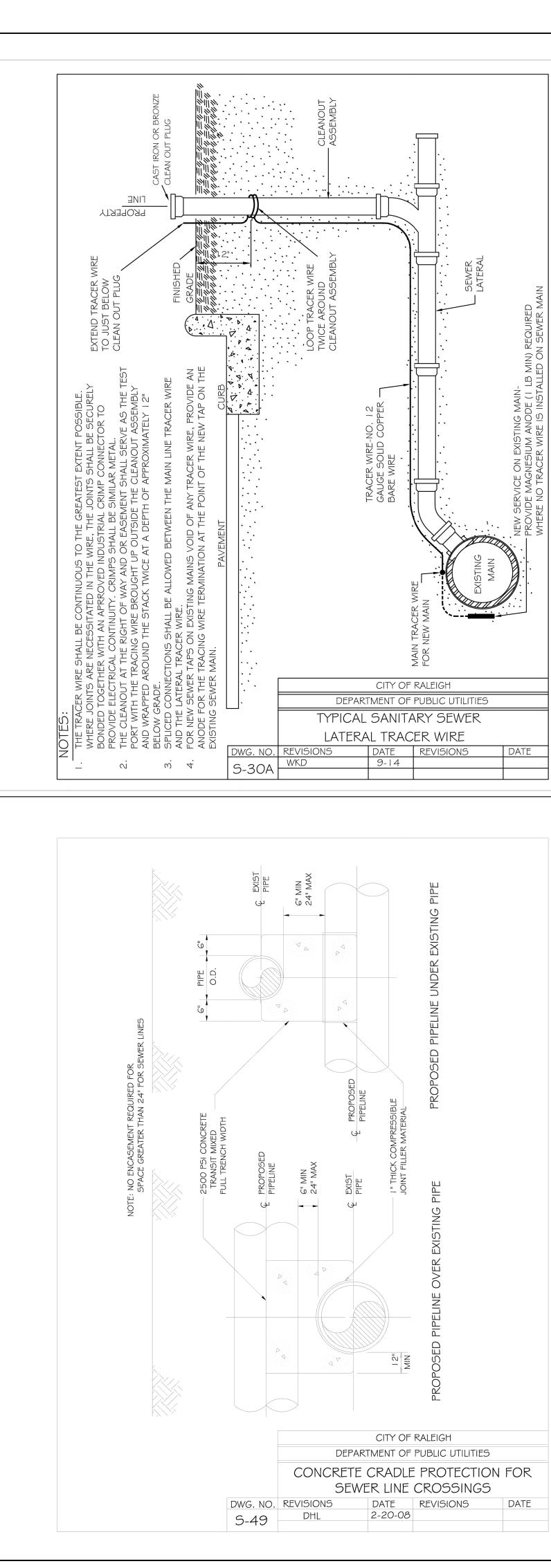




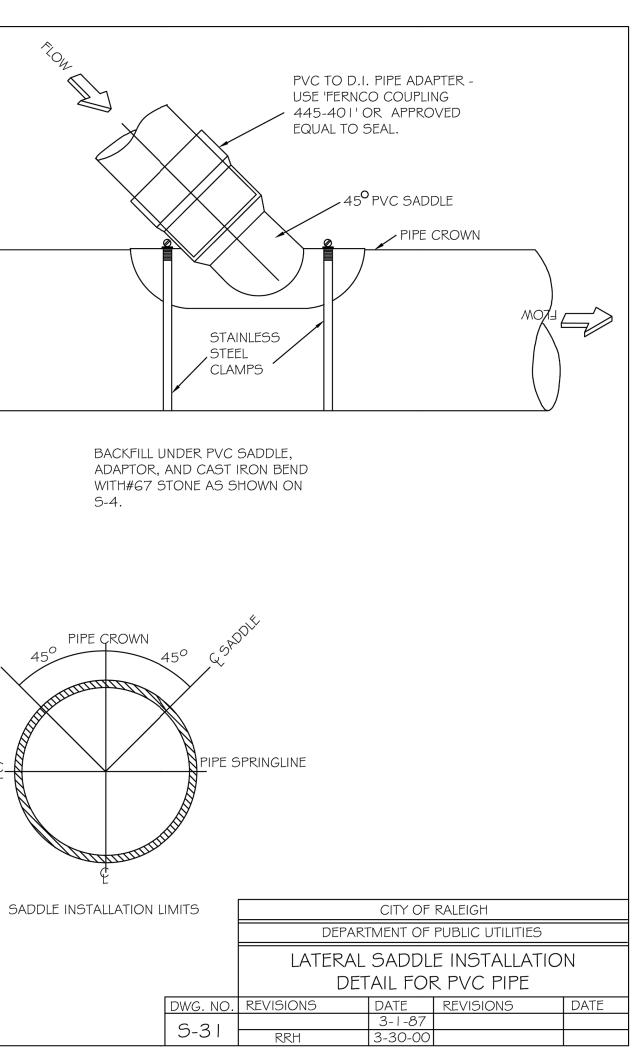


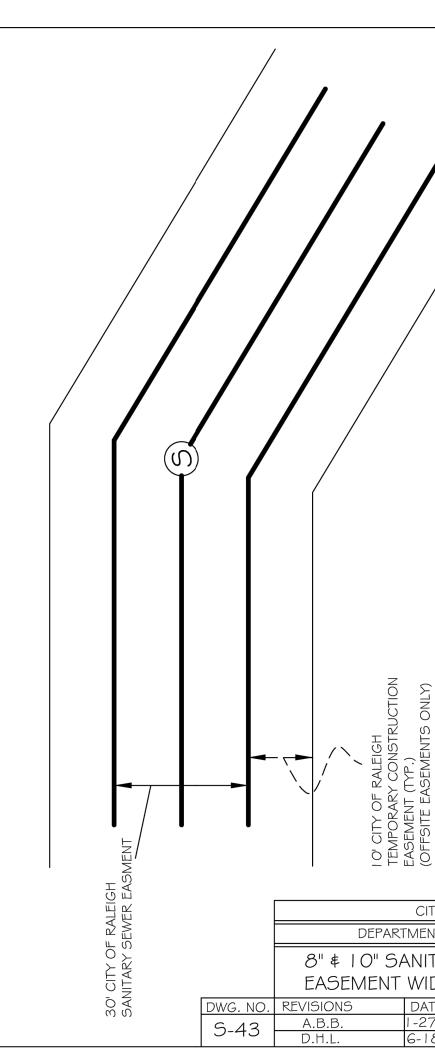




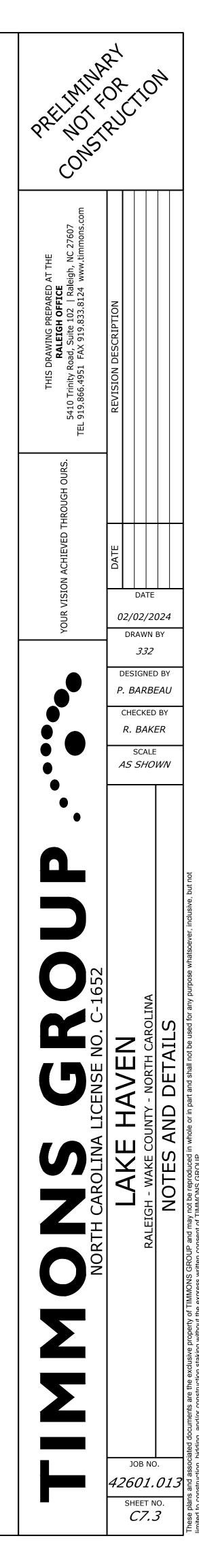


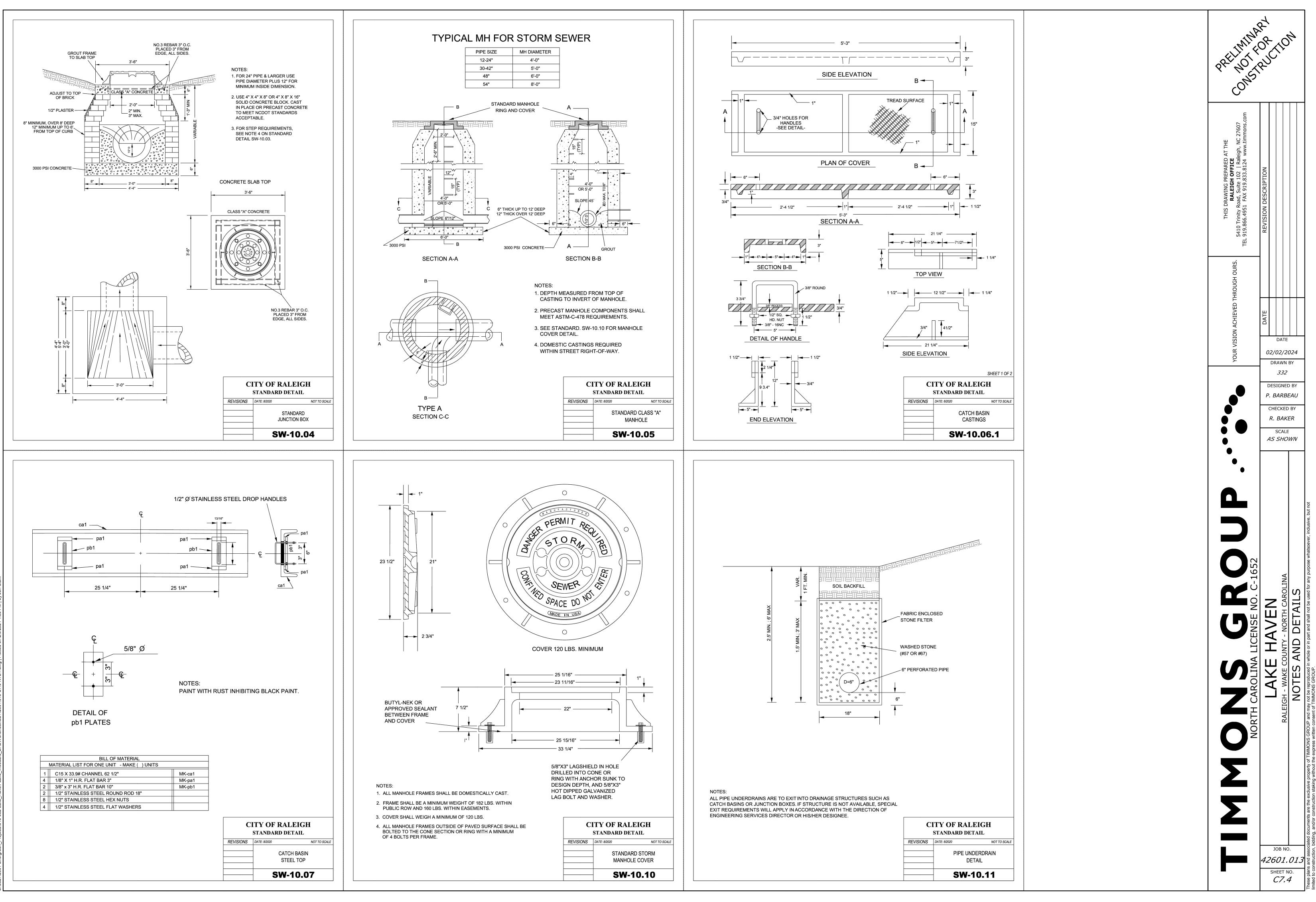
SADDL

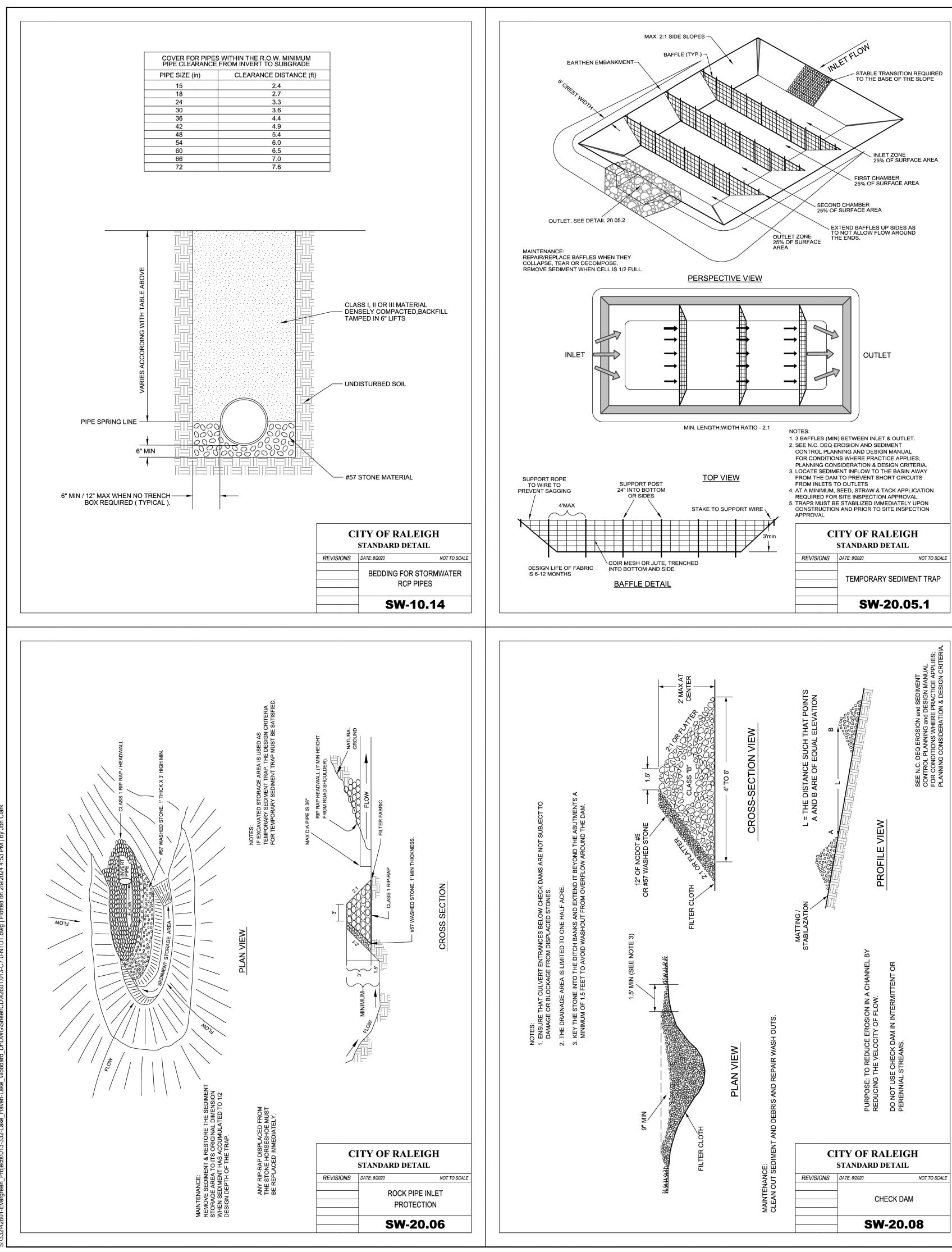




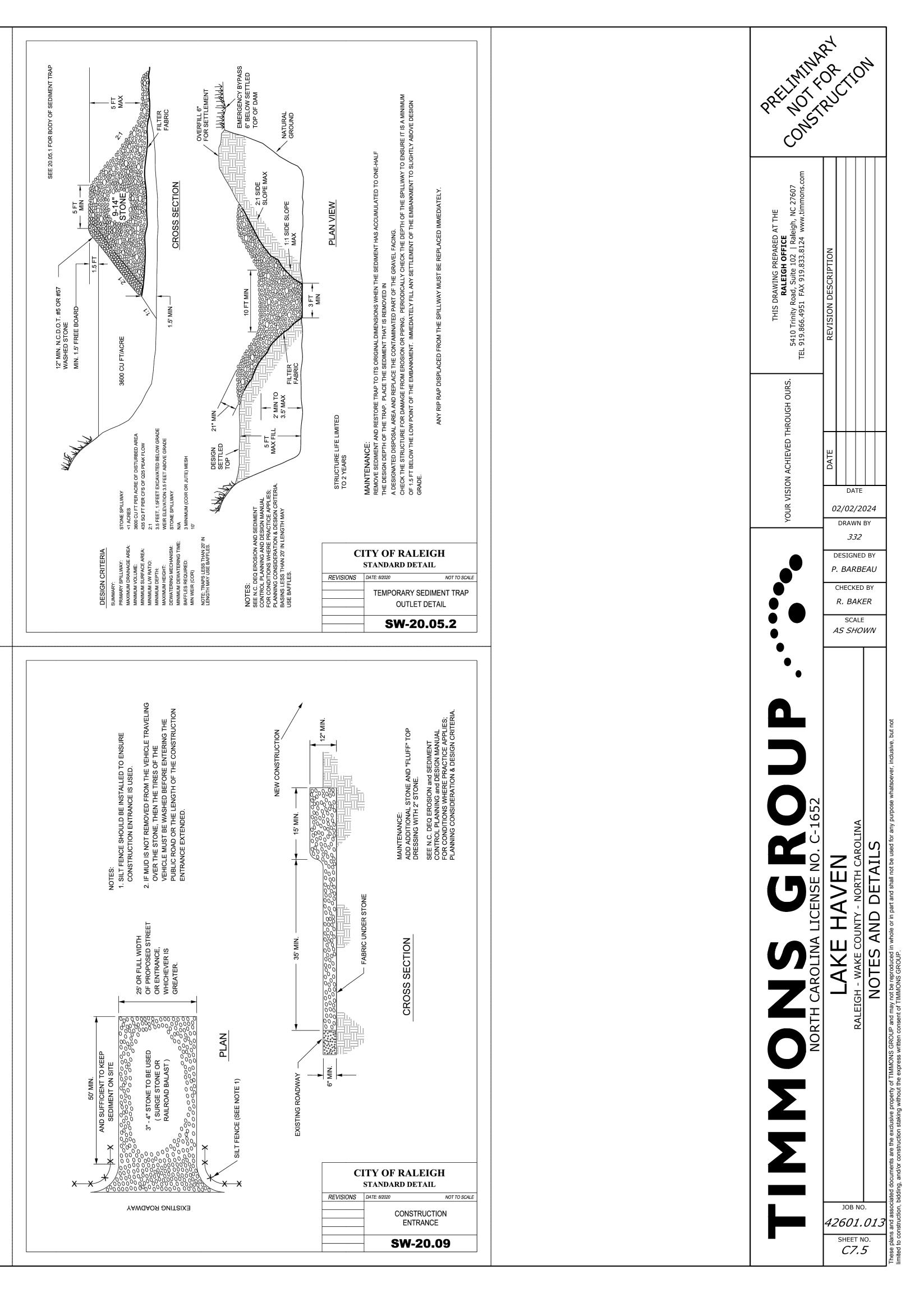
/	
/	
ONLY	
(OFFULLE EADEMEN IS ONLY)	
<u> </u>	
CITY OF RALEIGH	
ITARY SEWER	
IDTHS	
ATE REVISIONS 27-05 18-08	DATE
10-00	

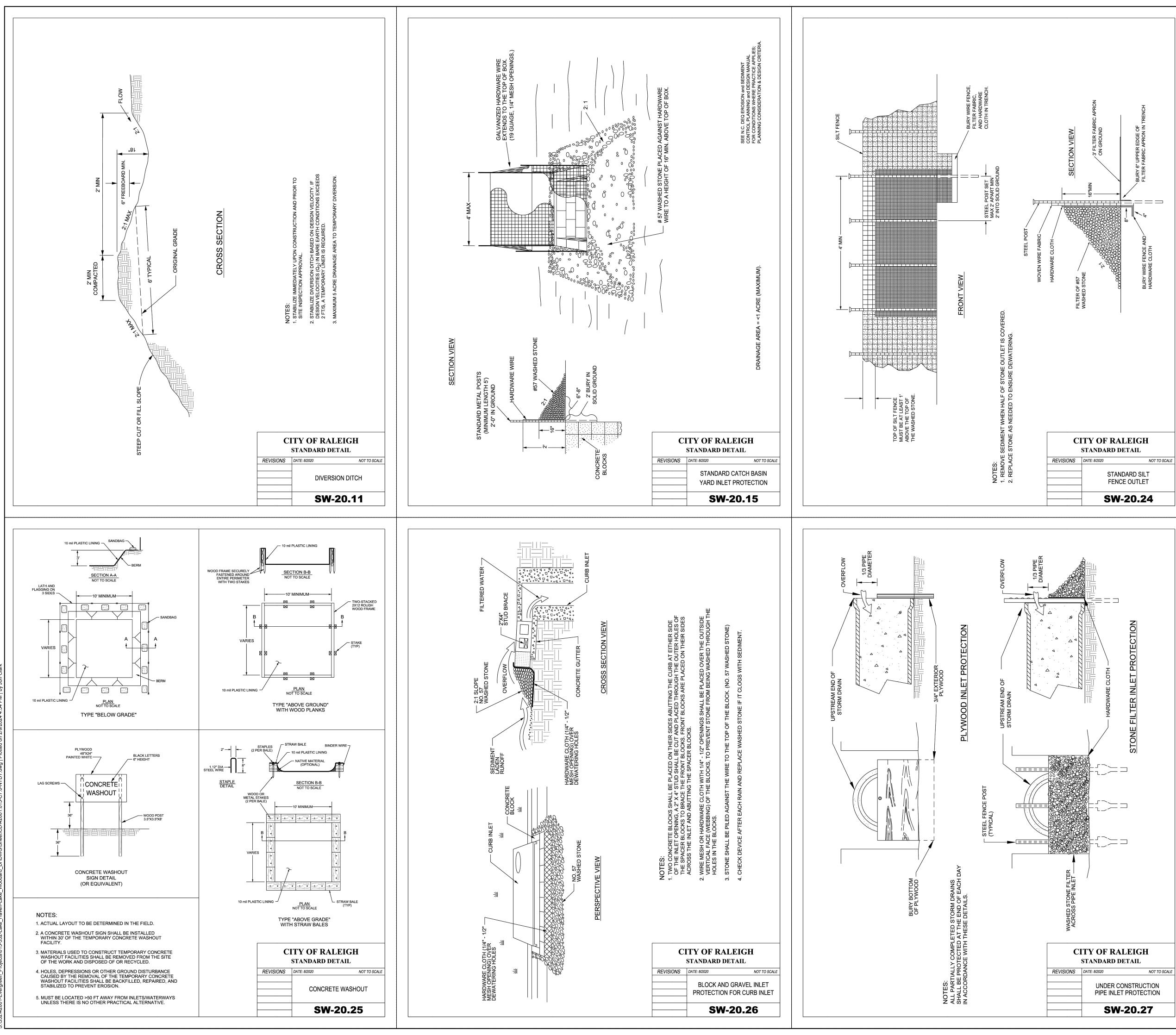


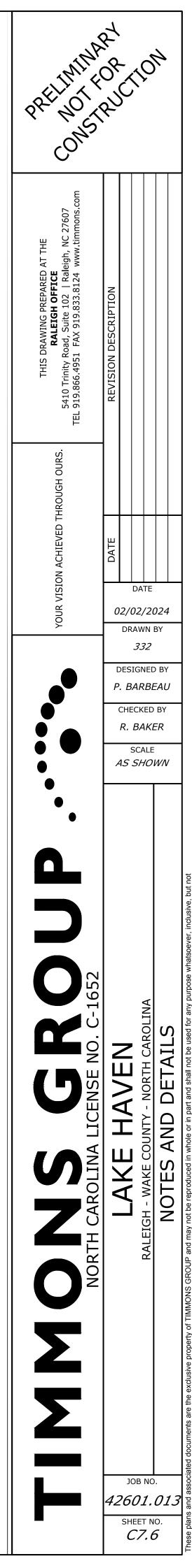


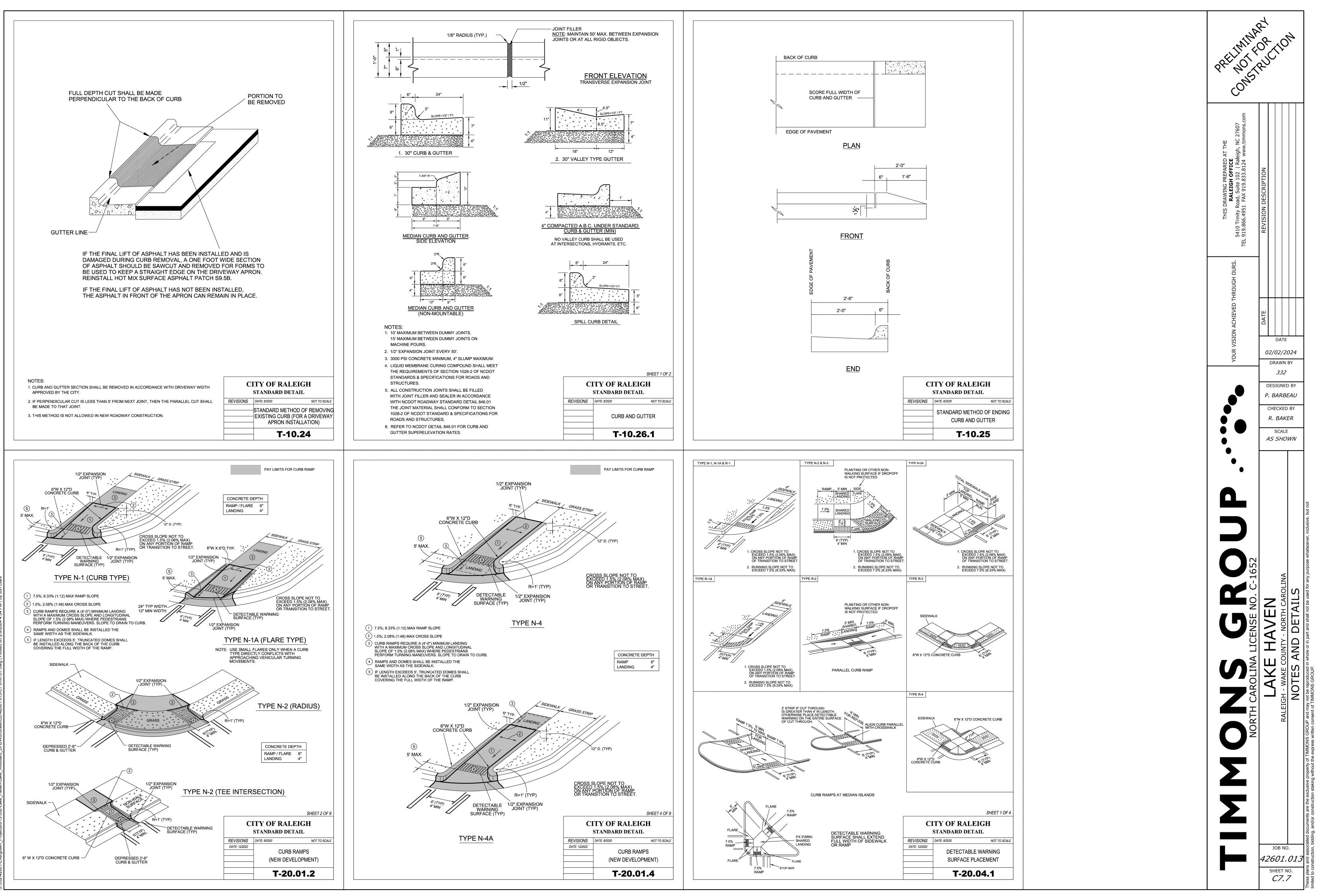


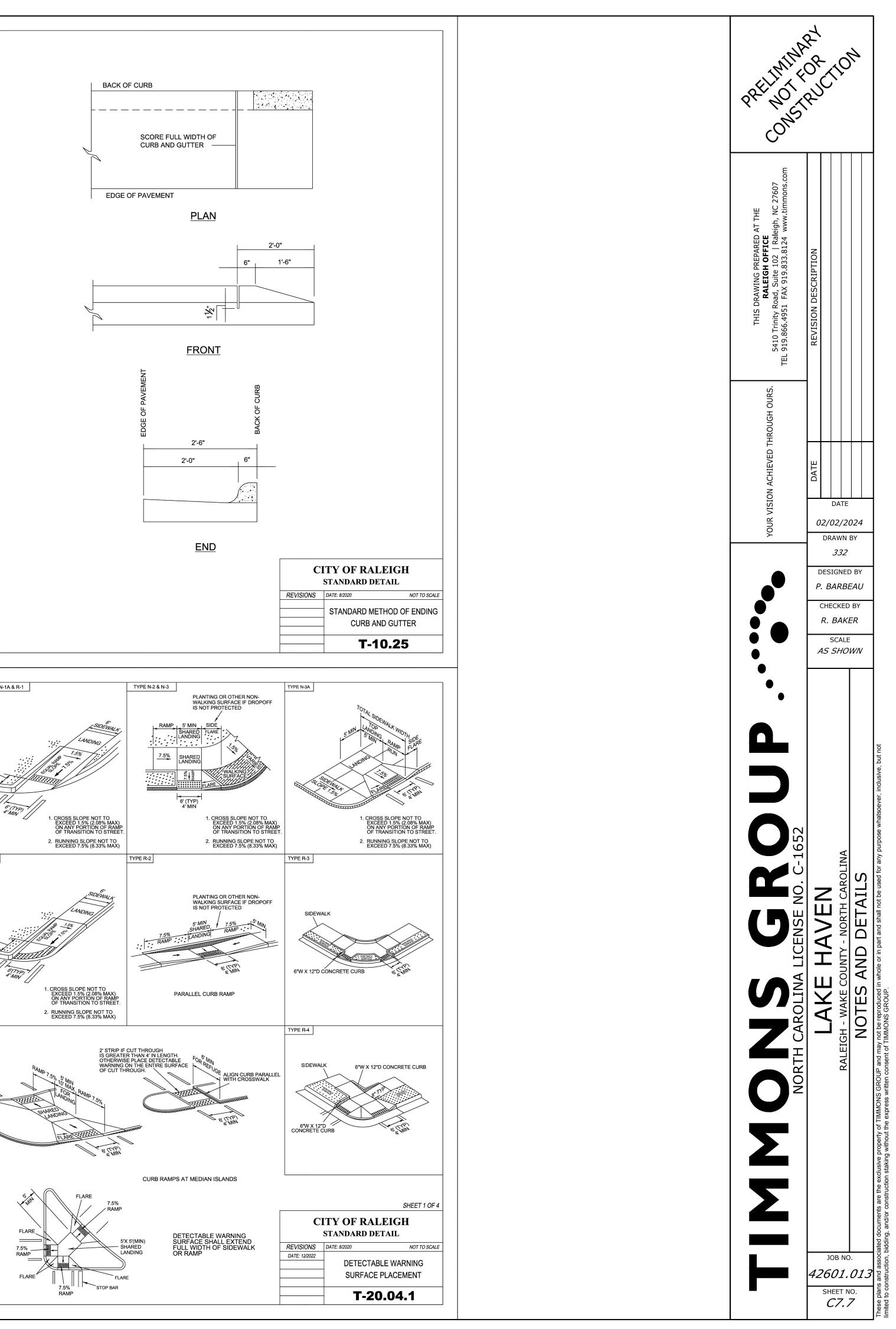
42601-Evergreen_Projects\013-332-Lake_Haven-Lake_Woodard_Dr\DWG\Sheet\CD\42601.013-C7.0-NTDT.dwg | Plotted on 2/9/2024 4:53 PM | by Jon Clark

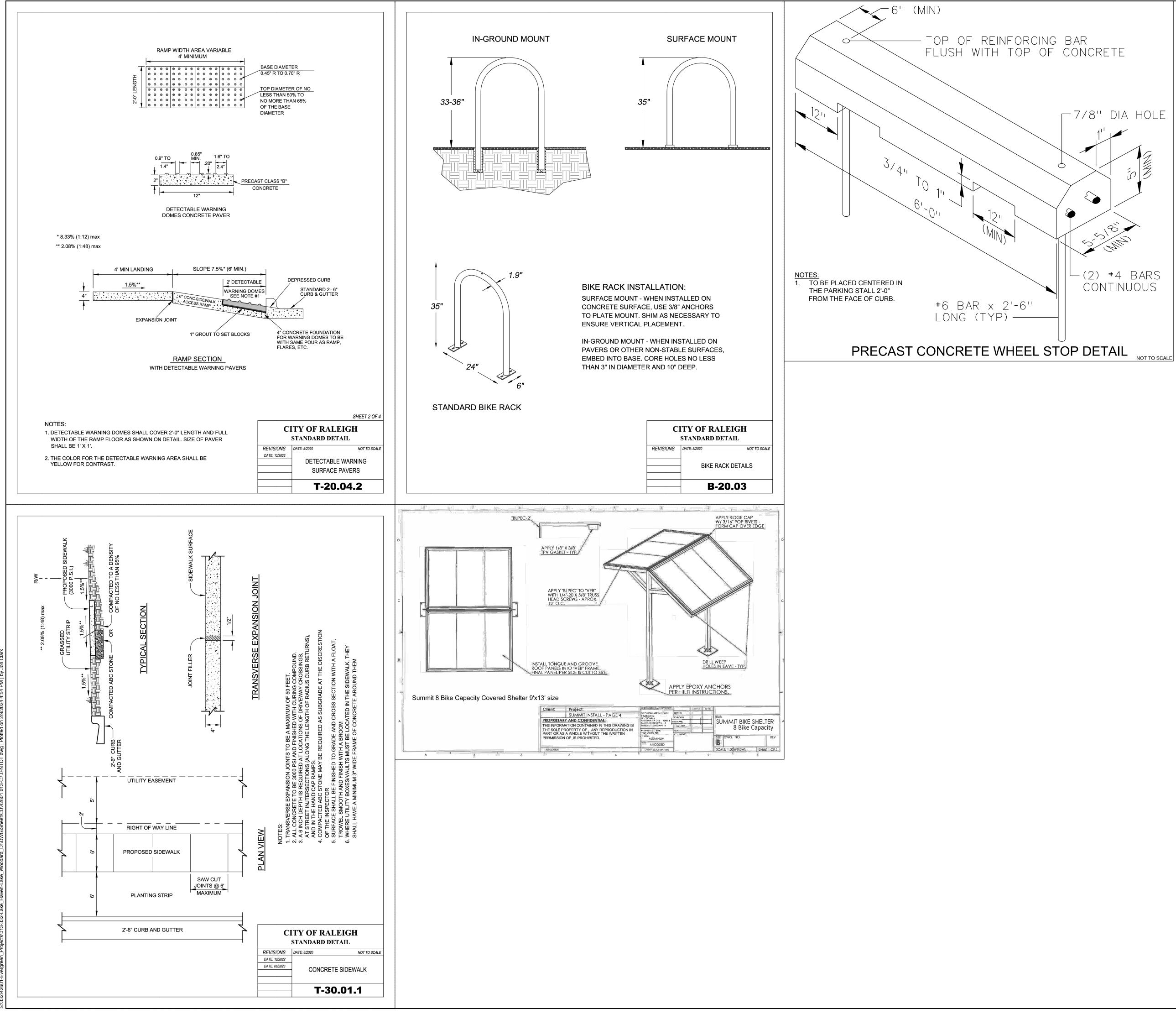


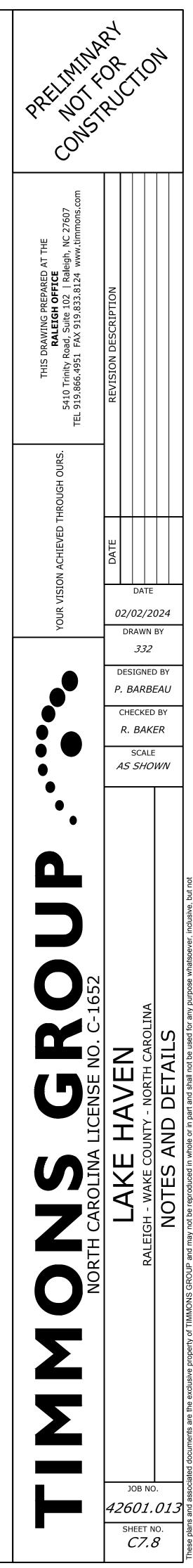


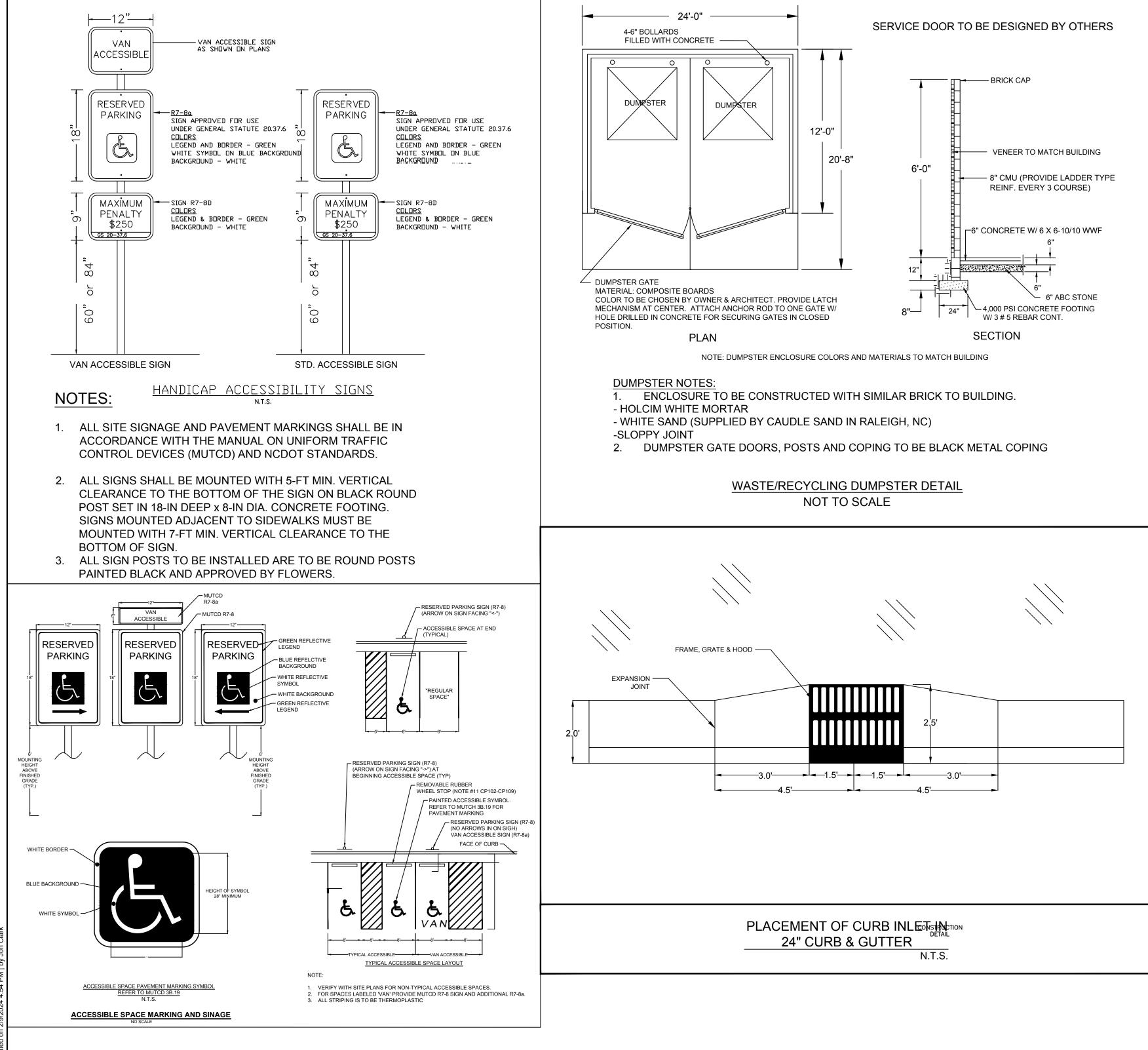




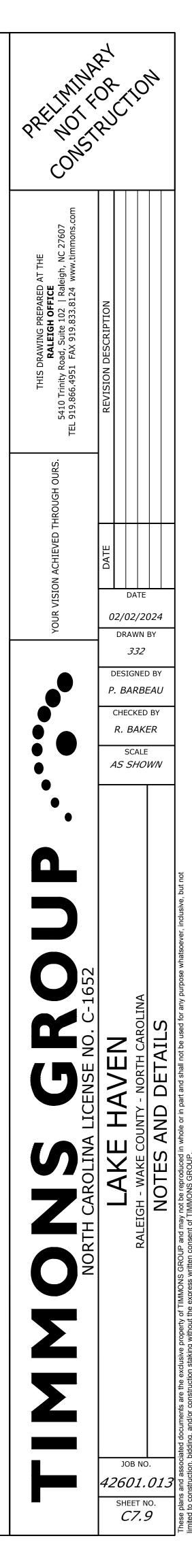


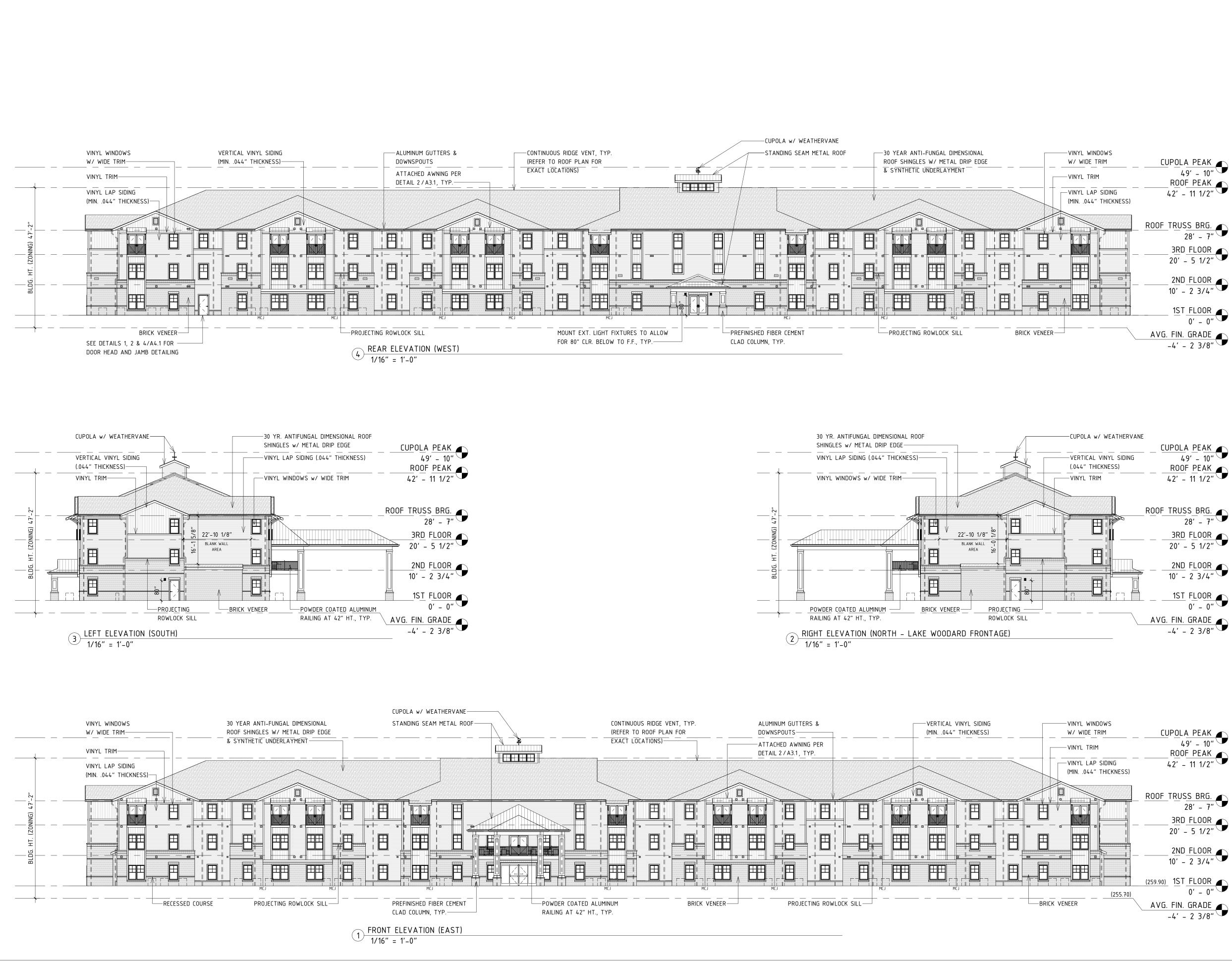


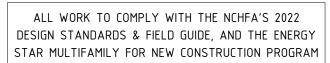




01-Evergreen_Projects\013-332-Lake_Haven-Lake_Woodard_Dr\DWG\Sheet\CD\42601.013-C7.0-NTDT.dwg | Plotted on 2/9/2024 4:54 PM | b}







ELEVATION NOTES

- 1. MASONRY CONTROL JOINTS TO BE PROVIDED AT ALL INSIDE CORNERS AS WELL
- AS WHERE INDICATED ON ELEVATIONS (MAX 25' APART). 2. INSTALL MOUNTING BLOCK FOR BUILDING SIGNAGE AND EXTERIOR LIGHTING
- FIXTURES; G.C. TO VERIFY EXACT LOCATION IN THE FIELD.
- 3. SEE ROOF PLAN FOR DOWNSPOUT LOCATIONS.
- 4. MINIMUM THICKNESS OF ALL VINYL SIDING TO BE .044". 5. ALL VINYL SIDING TO HAVE A FLAME SPREAD OF 20 OR LESS.
- 6. ALL TRIM TO BE WHITE. ALL CORNER TRIM TO BE VINYL WITH INTEGRAL J. ALL OTHER TRIM TO BE PVC (FIBER CEMENT OR MIRATEC CAN BE USED AS AN ALTERNATIVE TO PVC). SEE A4.1 FOR JAMB DETAILS.
- 7. J-CHANNELS AT THE BOTTOM HORIZONTAL EDGE OF AN AREA OF VINYL SIDING SHALL BE PERFORATED J-CHANNELS AND SHALL HAVE ALUMINUM Z-FLASHING
- INSTALLED BEHIND/BELOW, AS SHOWN IN DETAILS ON SHEET A4.1 8. ALL MECH. VENT COVERS TO BE PRE-FINISHED. PROVIDE OWNER AND ARCHITECT SAMPLES OF FULL RANGE OF COVER COLOR OPTIONS FROM MANUFACTURER.
- 9. STREET NUMBERS SHALL BE POSTED ON THE BUILDING AND VISIBLE FROM THE ROADWAY. NUMBERS SHALL CONTRAST WITH THEIR BACKGROUNDS. NUMBERS SHALL BE A MINIMUM STROKE WIDTH OF 0.75 INCHES. CONFIRM REQUIREMENTS
- WITH LOCAL A.H.J. 10. GUTTERS TO BE MIN. 6" SEAMLESS ALUMINUM GUTTERS, AND DOWNSPOUTS TO BE MIN. 3X4 ALUMINUM.
- 11. ALL EXTERIOR LINE SET PENETRATIONS SHALL BE HOODED.

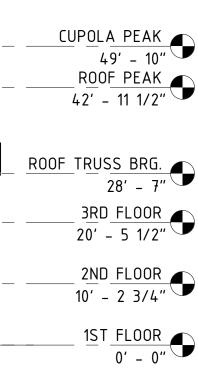
NOTATION LEGEND

MECHANICAL DUCT COVER

- = OUTDOOR CONDENSING UNIT
- □ = LED WALL PACK/EXTERIOR BLDG MOUNTED LIGHT FIXTURE
- MCJ = MASONRY CONTROL JOINT

BUILDING MATERIALS

- -ROOF SHINGLES: 30 YEAR ANTIFUNGAL DIMENSIONAL ROOF SHINGLES (TYP.) -GUTTERS & DOWNSPOUTS: ALUMINUM (WHITE)
- -SIDING: VINYL LAP SIDING (TYP.) -ACCENT SIDING: VERTICAL VINYL SIDING
- -TRIM: PVC TRIM (WHITE) & VINYL CORNER TRIM (WHITE)
- -WINDOWS: VINYL W/ WIDE TRIM
- -MASONRY: BRICK VENEER W/ CONTINUOUS ROWLOCK CAP -COLUMNS: FIBER CEMENT BOARD & TRIM (WHITE) OVER BRICK



								creating great place
--	--	--	--	--	--	--	--	----------------------

S

50

S





Û



date		02/07/202
drafter		G.P.
checked by	/	R.L.N
project num	ıber	T-22010
# Revis	sion	Dat

ELEVATIONS

