CONCRETE BATCHING PLANT 239 RALEIGH STREET WILMINGTON, NORTH CAROLINA 28401

NOTICE REQUIRED

ALL EXISTING UNDERGROUND UTILITIES SHALL BE PHYSICALLY LOCATED PRIOR TO THE BEGINNING OF ANY CONSTRUCTION IN THE VICINITY OF SAID UTILITIES.

CONTRACTORS SHALL NOTIFY OPERATORS WHO MAINTAIN UNDERGROUND UTILITY LINES IN THE AREA OF PROPOSED EXCAVATION AT LEAST TWO WORKING DAYS, BUT NOT MORE THAN TEN WORKING DAYS PRIOR TO COMMENCEMENT OF EXCAVATION OR DEMOLITION.

CONTRACTORS SHALL CONTACT OVERHEAD ELECTRIC PROVIDER TO COMPLY WITH FEDERAL OSHA 1910.333 MINIMUM APPROACH DISTANCE TO ENERGIZED POWERLINES AND OSH 29 CFR 1926.1407-1411 MUST BE FOLLOWED.

CONTRACTOR SHALL CONTACT AT&T PRIOR TO ANY DEMOLITION TO ALLOW FOR AT&T TO DISCONNECT COMMUNICATIONS CABLES COMING INTO THE SITE.

CONTACT THESE UTILITIES

CITY OF WILMINGTON PLANNING & DEVELOPMENT ATTN: BRIAN CHAMBERS, PLANNER PH: 910-342-2782

ATTN: ZONING INSPECTIONS PH: 910-254-0900

PIEDMONT NATURAL GAS ATTN: CATHY PLEASANT PH: 910-251-2827

EMERGENCY DIAL 911 **POLICE - FIRE - RESCUE** ATTN: CITY OF WILMINGTON FIRE & LIFE SAFETY PH: 910-343-0696

CAPE FEAR PUBLIC UTILITY AUTHORITY (WATER & SEWER) ENGINEERING/INSPECTIONS PH: 910-332-6560

OPERATIONS/MAINTENANCE PH: 910-322-6550

DUKE ENERGY DISTRIBUTION CONSTRUCTION SERVICE DEP CSC PH: 1-800-452-2777

TRANSMISSION AGENT BILL WILDER PH: 910-772-4903

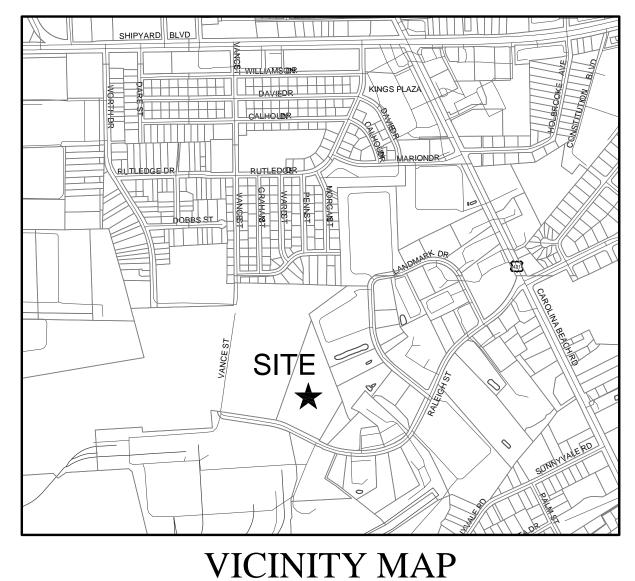
AT&T/BELL SOUTH ATTN: STEVE DAYVAULT (BUILDING ENGINEERING) PH: 910-341-0741

ATTN: JAMES BATSON, ENGINEERING PH: 910-341-1621

SPECTRUM GENERAL PH: 800-892-4357

CONSTRUCTION DOCUMENTS

PROJECT ADDRESS: 239 RALEIGH STREET WILMINGTON, NC 28401



/Rm Bp/ SITEK SOILS MAP

SCALE: 1"=1000'

SCALE: 1"=500'

	NCDENR PWSS WAT	ER PERMIT #:		
	WATER CAPACITY:		GPD	
For each open utility cut of	DWQ SEWER PERMIT #:			
City streets, a \$325 permit	SEWER CAPACITY:		GPD	
shall be required from the City prior to occupancy	SEWER SHED # AND PLANT:			
and/or project acceptance.	SEWER TO FLOW THROUGH NEI:		YES or NO (CIRCLE ONE)	
Approved Cor	Approved Construction Plan		CITY OF	
Nam	ne Date	W	WILMINGTON	
Planning			NORTH CAROLINA	
		Public S	Public Services Engineering Division 	
Traffic		— APPROVED S	APPROVED STORMWATER MANAGEMENT PLAN	
Fire		— Date:	Date: Permit #	
		Signed:		

OWNER / DEVELOPER: CRETE HOLDINGS, LLC 2005 EASTWOOD RD., STE. 200 WILMINGTON, NORTH CAROLINA 28403 ATTN: JOHN ALLEN (910) 726-1693

ENGINEER (CIVIL), & LANDSCAPE ARCHITECT: PARAMOUNTE ENGINEERING, INC. 122 CINEMA DRIVE WILMINGTON, NORTH CAROLINA 28403 ATTN: ROB BALLAND, P.E. (910) 791-6707

SHEET INDEX				
SHEET NUMBER	SHEET TITLE			
C-0.0	COVER SHEET			
C-1.0	GENERAL NOTES			
C-2.0	SITE PLAN			
C-2.1	SITE INVENTORY MAP			
C-3.0	PH: I EROSION CONTROL PLAN			
C-3.1	GRADING & DRAINAGE PLAN			
C-3.2 & C-3.3	PRE / POST DRAINAGE AREA MAPS			
C-3.4	STORM DRAINAGE DA MAP			
C-4.0	UTILITY PLAN			
C-5.0-5.1	DETAILS			
L-1.0	LANDSCAPE PLAN			

PREPARED BY:

PARAMOUNTE



ENGINEERING, INC. 122 Cinema Drive Wilmington, North Carolina 28403 (910) 791-6707 (O) (910) 791-6760 (F) NC License #: C-2846 **PROJECT # 17256.PE**

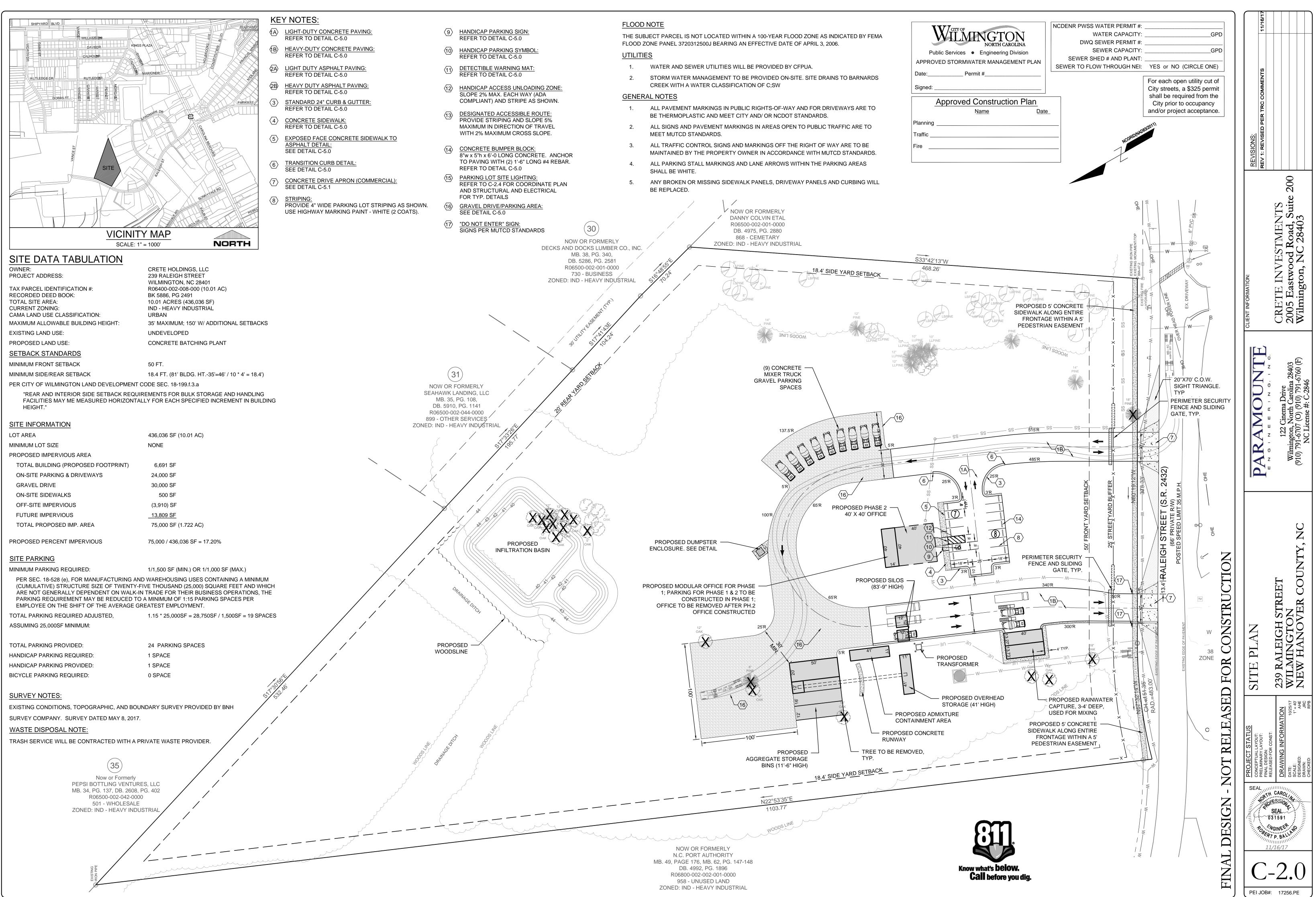
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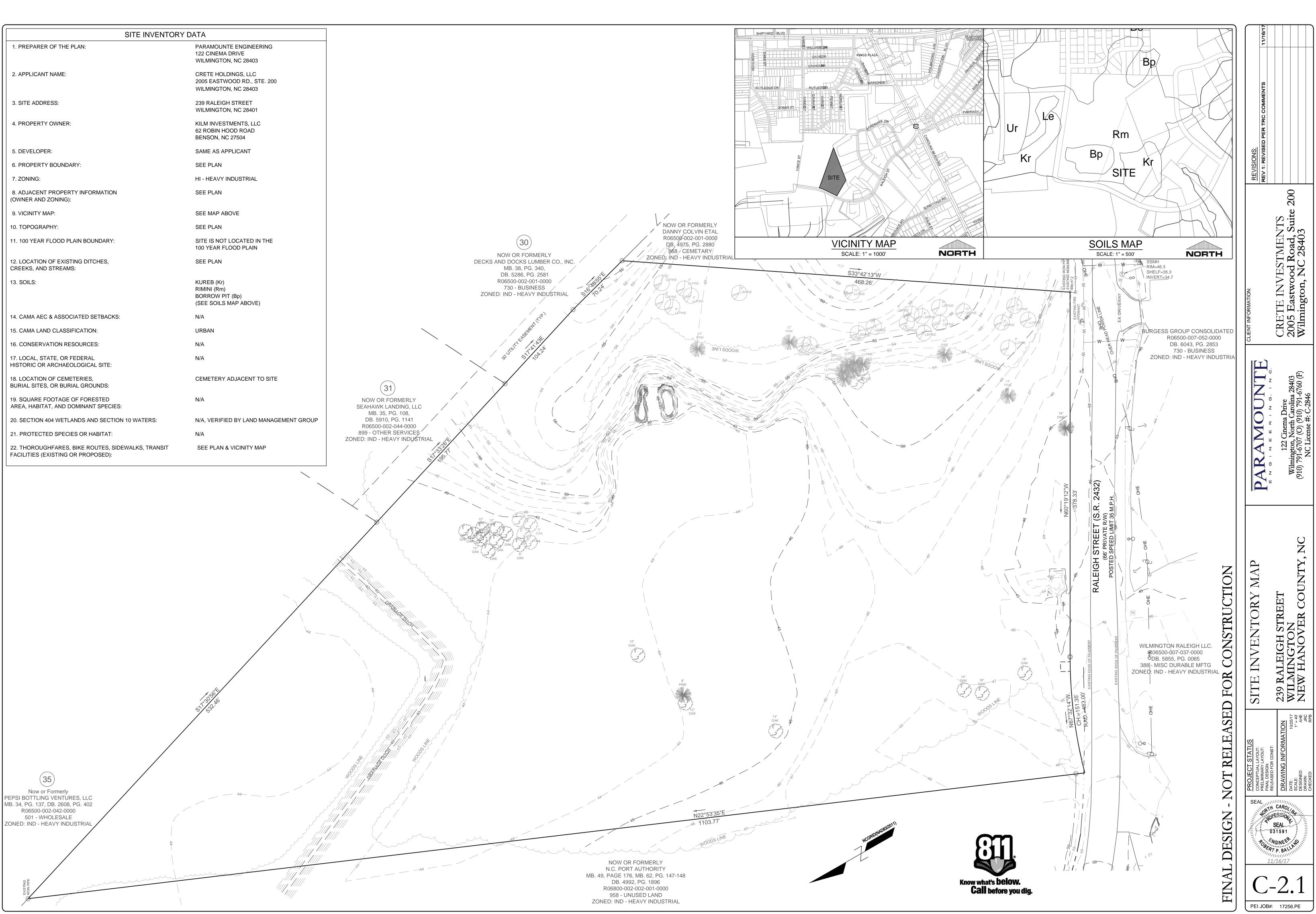
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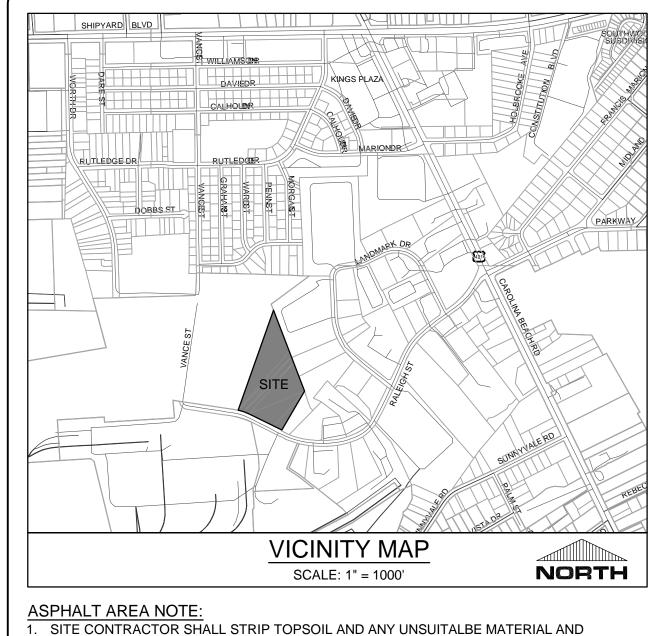
WGINEE

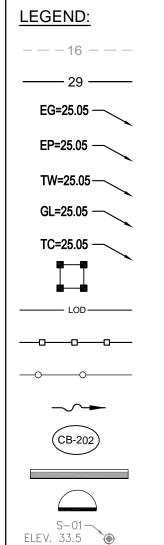
FRT P. BAL

10/25/17









1.5%

NOTATION:

EXISTING CONTOUR PROPOSED CONTOUR EXISTING GRADE SPOT ELEVATION PROPOSED EDGE OF PAVEMENT PROPOSED SIDEWALK ELEVATION PROPOSED GUTTER FLOW LINE PROPOSED TOP OF CURB ELEVATION INLET PROTECTION INLET PROTECTION SILT FENCE TREE PROTECTION FENCING DRAINAGE FLOW PATH DRAINAGE INLET LABEL SPILL GUTTER ROCK INLET PROTECTION

PROTECTIVE TREE FENCING

GEOTECH BORING LOCATION

DRAINAGE FLOW PATH & SLOPE

PROVIDE CUT/FILL OPERATIONS TO PROVIDE A COMPACTED CONTROLLED SUBGRADE, IN ACCORDANCE WITH THE SUBSURFACE GEOTECHNICAL EXPLORATION AND TECHNICAL SPECIFICATIONS.

BUILDING PAD NOTE:

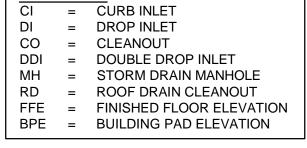
1. SITE CONTRACTOR SHALL STRIP TOPSOIL AND ANY UNSUITALBE MATERIAL AND PROVIDE CUT/FILL OPERATIONS TO PROVIDE A COMPACTED CONTROLLED BUILDING PAD, IN ACCORDANCE WITH STRUCTURAL DRAWINGS.

STORMWATER NOTE:

- 1. THIS PROJECT DRAINS TO A PROPOSED ON-SITE STORM WATER INFILTRATION BASIN.
- 2. ONCE SITE IS STABILIZED AND SEDIMENT BASIN IS CONVERTED TO AN INFILTRATION BASIN, CONTRACTOR SHALL REMOVE ALL SEDIMENT FROM BASIN AND RESTORE TO DESIGN ELEVATIONS.
- 3. CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO PREVENT THE USE OF CONSTRUCTION EQUIPMENT OVER TOP OF THE PROPOSED INFILTRATION BASIN BOTTOM AREA CAUSING SOILS TO COMPACT.

GENERAL NOTES:

- 1. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL STATE OF NC, CITY OF WILMINGTON, AND NEW HANOVER COUNTY STANDARDS AND SPECIFICATIONS.
- 2. THE CONTRACTOR SHALL PLACE INLET PROTECTION AROUND ALL STORM DRAIN INLETS TO PROTECT THE SYSTEM FROM COLLECTING SEDIMENTATION DURING CONSTRUCTION. INLET PROTECTION SHALL REMAIN IN PLACE UNTIL THE PARKING LOT IS PAVED.
- 3. CONTRACTOR SHALL ADJUST ALL FRAMES OF EX. UTILITY INFRASTRUCTURE WITHIN ASPHALT OVERLAY AND NEW ASPHALT AREAS TO MATCH PROPOSED GRADES.
- 4. ALL PROPOSED SPOT ELEVATIONS SHOWN IN THE PARKING LOT ARE PROPOSED EDGE OF PAVEMENT OR FACE OF CURB @ GUTTER FOR CURB SECTIONS, UNLESS NOTED OTHERWISE.
- 5. ALL ROOF DRAINS SHALL BE DIRECTED TOWARDS ON-SITE COLLECTION SYSTEM. NO ROOF DRAINS SHALL BE DIRECTED OFF-SITE WITHOUT ENTERING THE ON-SITE COLLECTION FIRST.
- 6. ALL SIDEWALK CROSS SLOPES HAVE BEEN GRADED TO MEET ADA REGULATIONS. CONTRACTOR SHALL CONFIRM GRADES BEFORE PLACING PAVEMENT OR SIDEWALKS AND REPORT ANY DISCREPANCIES TO OWNER AND/OR ENGINEER.
- 7. THE CONTRACTOR SHALL USE EITHER RCP (CL. III) OR HDPE PIPE FOR THE STORM DRAINAGE SYSTEM UNLESS NOTED OTHERWISE. IF THE CONTRACTOR CHOOSES TO USE HDPE PIPE, IT SHALL BE ADS N-12 WT STORM PIPE OR APPROVED EQUAL AND SHALL BE INSTALLED TO MANUFACTURER SPECIFICATIONS. IN ADDITION, THE CONTRACTOR SHALL BE SURE TO PROVIDE CONCRETE COLLARS AROUND EACH F.E.S. TO PREVENT FLOATATION IF HDPE PIPE IS CHOSEN.
- 8. CONTRACTOR SHALL REFER TO THE GEOTECHNICAL ENGINEERING REPORT FOR 239 RALEIGH STREET - WILMINGTON, NC, PREPARED BY ECS CAROLINAS, LLP, PROJECT NUMBER: 22.25615, AND DATED JULY 20, 2017 FOR SITE CONSTRUCTION RECOMMENDATIONS.
- 9. CONTRACTOR SHALL STAKE SILT FENCE ALONG LIMITS OF DISTURBANCE LINE. THE SILT FENCE LINETYPE IS OFFSET ON THE DRAWING FOR CLARITY.

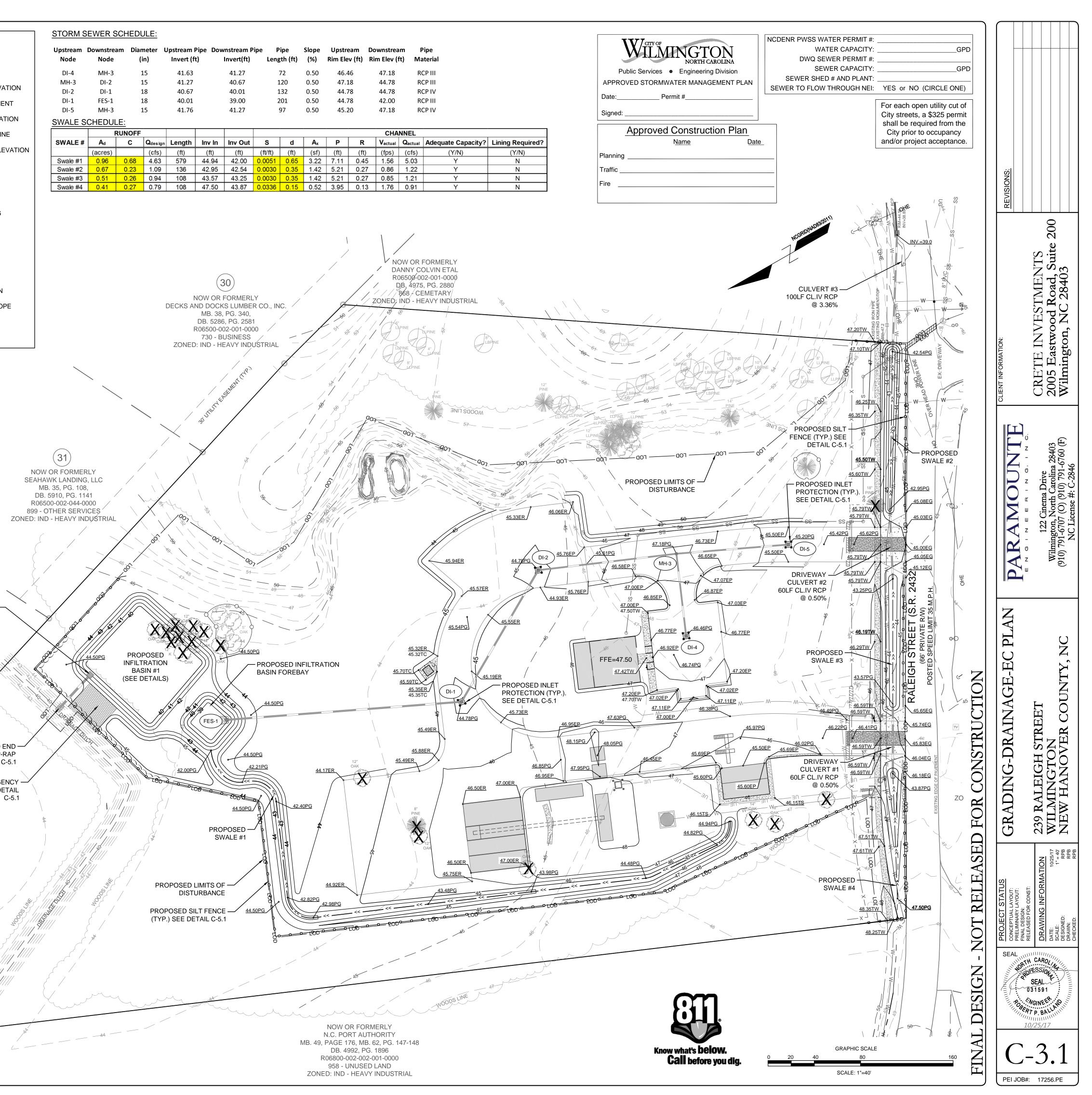


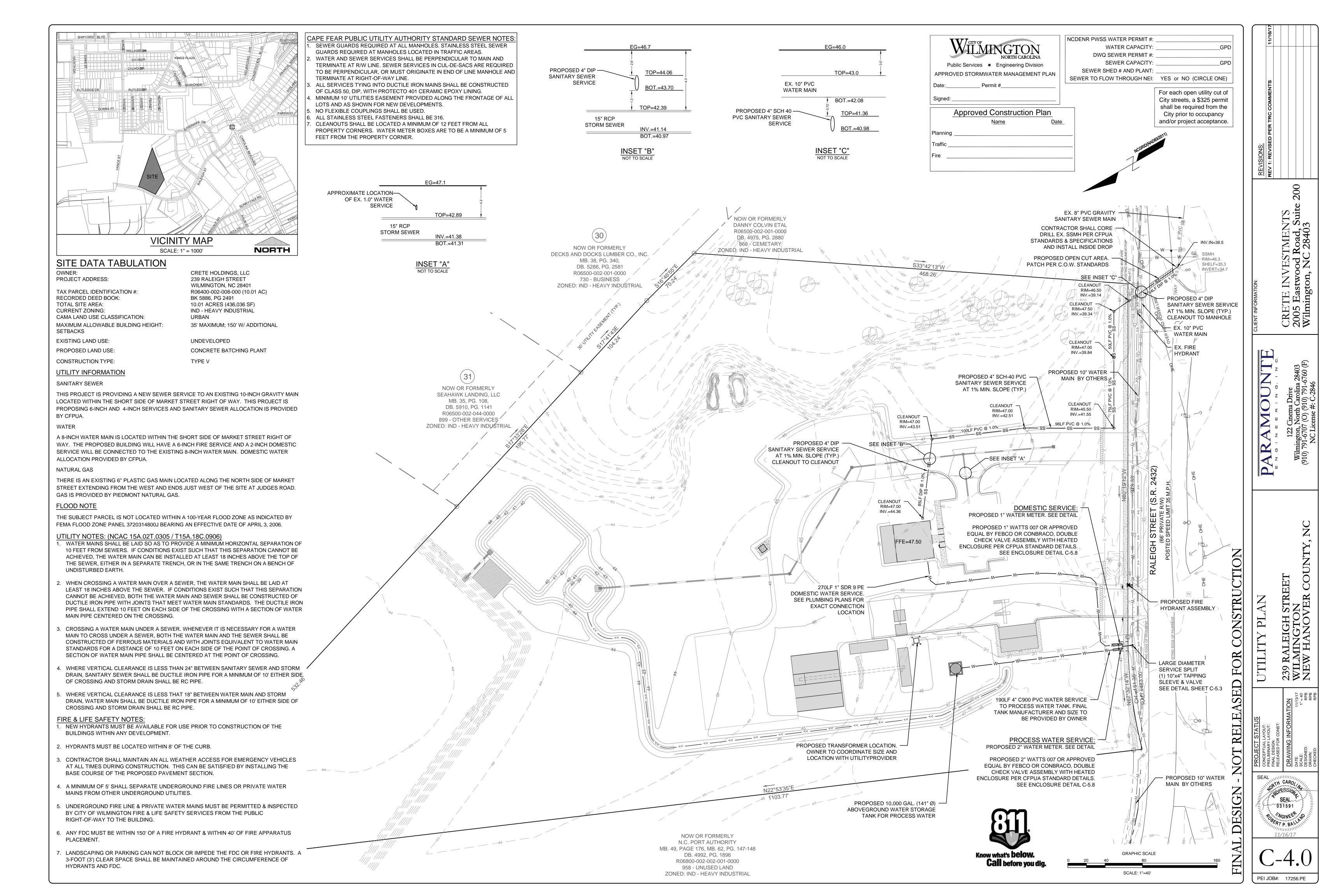
OUTLET STRUCTURE #1 SEE DETAIL C-5.1 CONTRACTOR SHALL INSTALL A 2" SKIMMER W/ A 1.6"Ø ORIFICE

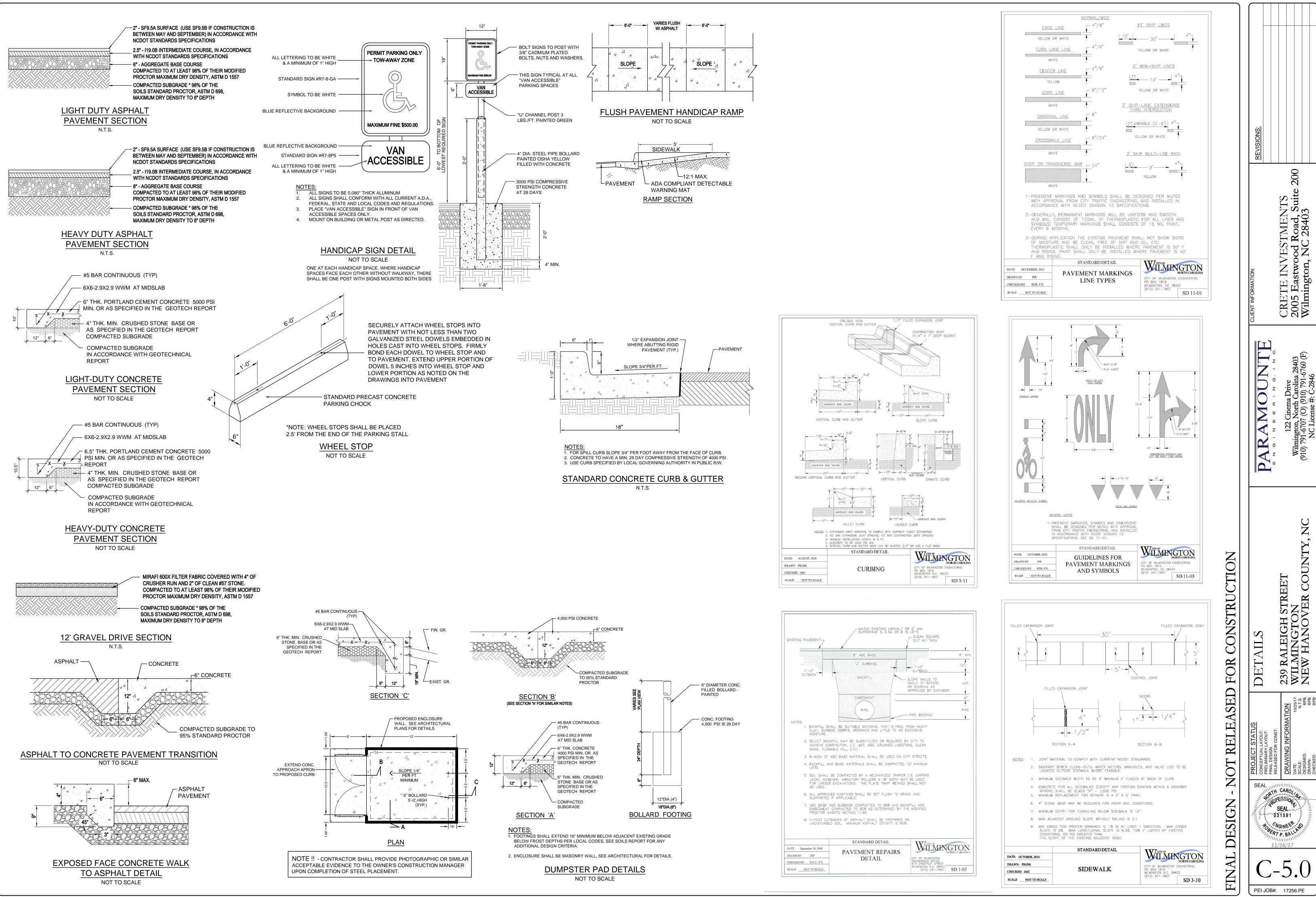
> PROPOSED FLARED END -SECTION W/ RIP-RAP APRON. SEE DETAIL C-5.1

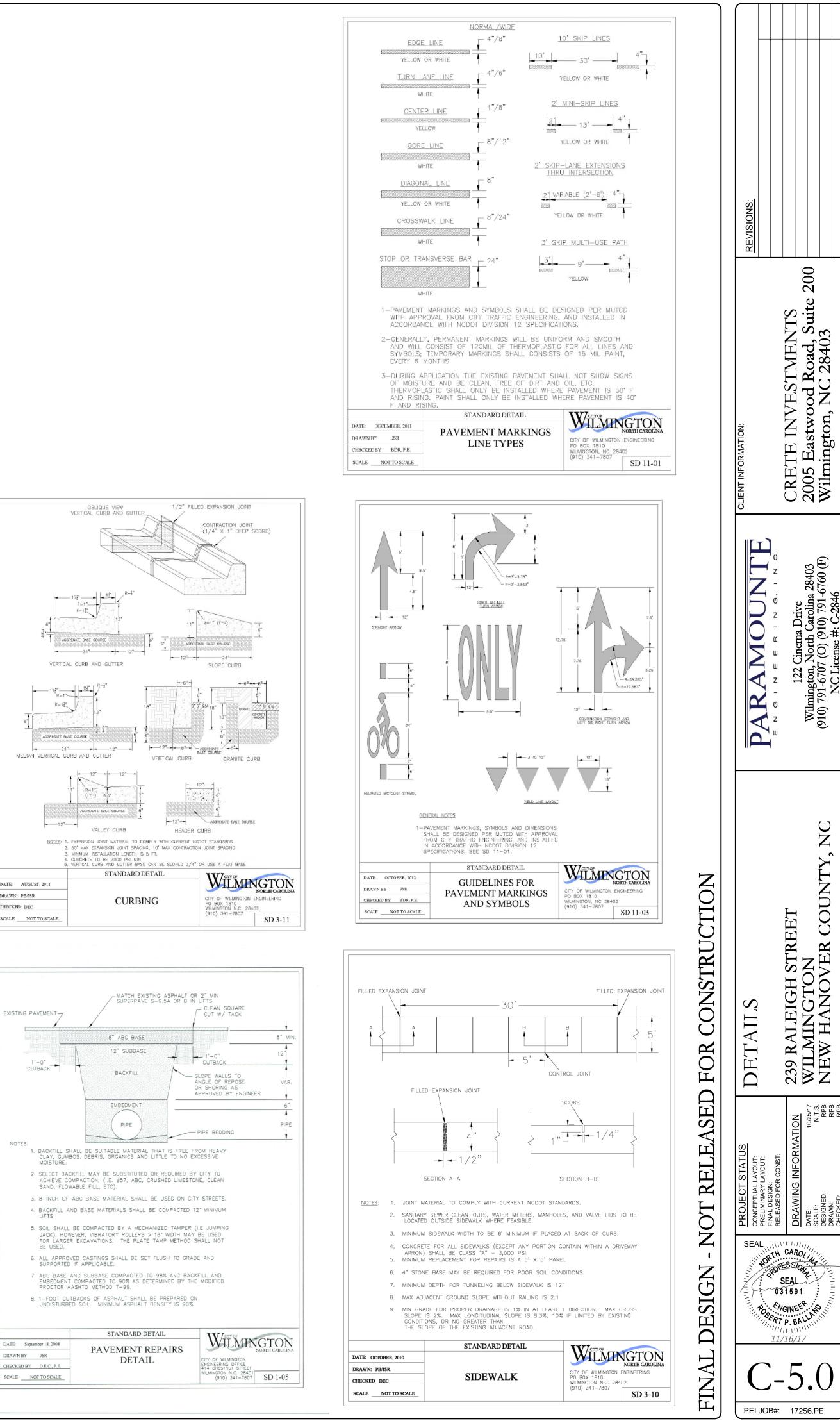
PROPOSED EMERGENCY — SPILLWAY. SEE DETAIL

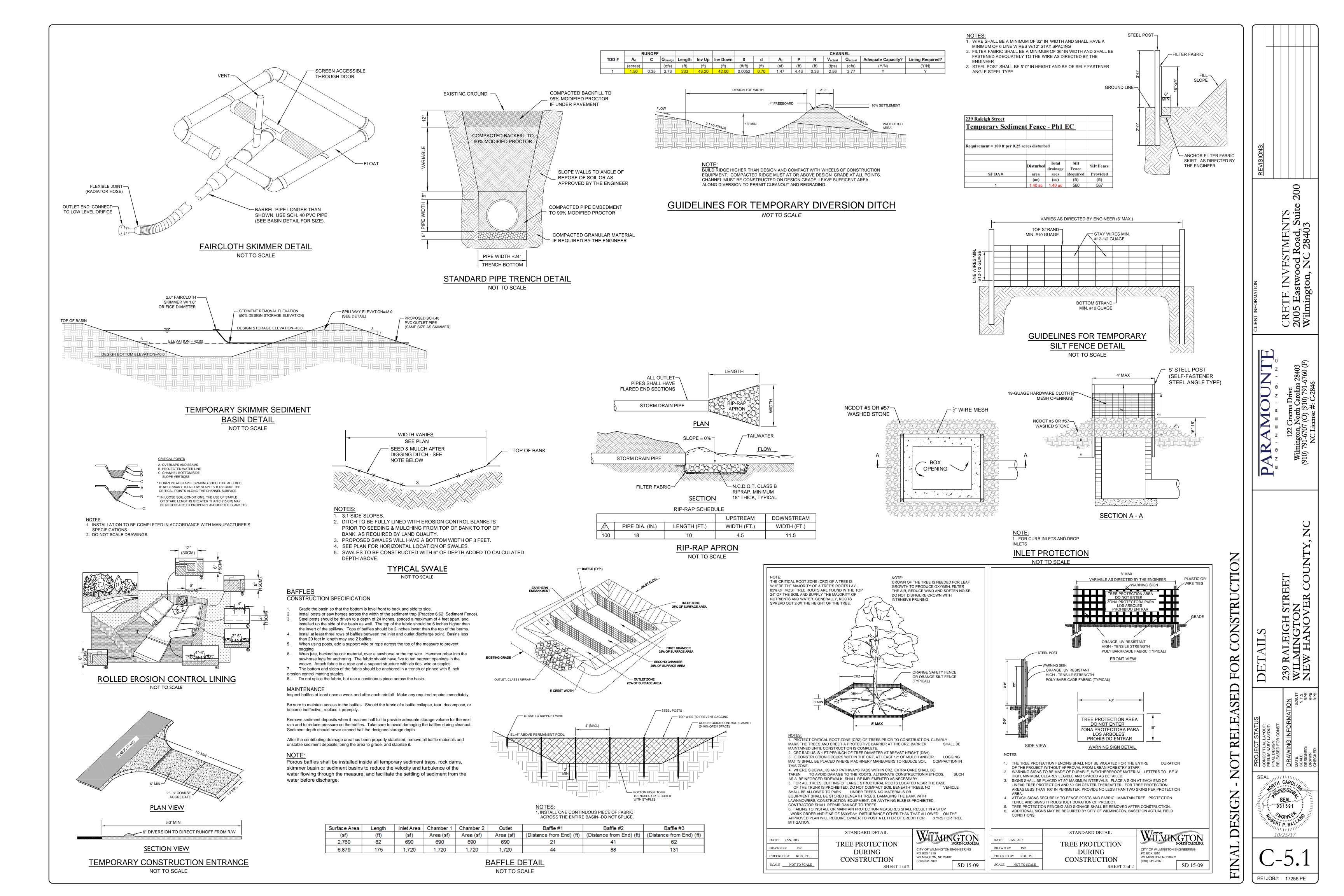
35 Now or Formerly PEPSI BOTTLING VENTURES, LLC MB. 34, PG. 137, DB. 2608, PG. 402 R06500-002-042-0000 501 - WHOLESALE ZONED: IND - HEAVY INDUSTRIAL

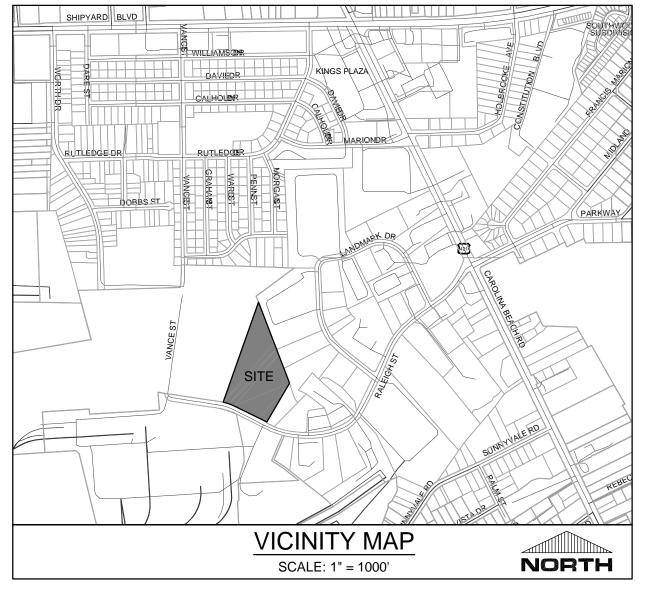












CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION.

- AS OTHERWISE DICTATED BY LOCAL REGULATIONS. CONTRACTOR SHALL BE LIABLE FOR DAMAGE TO ANY AND ALL PUBLIC OR PRIVATE UTILITIES.
- ASSOCIATION OF NURSERYMEN'S STANDARDS.
- LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE.
- WITH 3 INCH MINIMUM AND 4 INCH MAXIMUM DEPTH PINE STRAW MULCH UNLESS OTHERWISE NOTED.
- GROUPS OF PLANTS SHOULD BE WITHIN ONE PLANTING BED WITH THE EDGE OF MULCH CIRCLE OF MULCH NOT LESS THAN 5 FEET DIAMETER.
- THE QUANTITIES RECOMMENDED BY THE SOIL TESTING LABORATORY, THIRD PARTY RECOGNIZED BY THE STATE DEPARTMENT OF AGRICULTURE OR AS OTHERWISE
- ANY AND ALL SUBSTITUTIONS OF PLANT MATERIAL SHALL BE APPROVED BY LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE. FAILURE IN OBTAINING APPROVAL MAY RESULT IN LIABILITY TO THE CONTRACTOR.
- THE CONTRACTOR SHALL REPLACE DEAD AND/OR UNHEALTHY PLANT MATERIAL WITHIN 12 MONTHS OF ACCEPTANCE OF THE INSTALLED MATERIAL FROM THE OWNER OR OWNER'S REPRESENTATIVE.
- LICENSED IRRIGATION CONTRACTOR IN THE STATE OF NORTH CAROLINA.
- OWNER'S REPRESENTATIVE IF IRRIGATION HAS NOT BEEN INSTALLED. ALL MATERIAL INCLUDING SOD AND SEEDED AREAS SHALL BE HAND WATERED ONCE WEEKLY OR AS NEEDED TO ENSURE SURVIVAL OF PLANTS.
- 13. ALL DISTURBED AREAS SHALL BE SEEDED.
- PRIOR TO ANY CLEARING, GRADING OR CONSTRUCTION ACTIVITY, TREE PROTECTION FENCING WILL BE INSTALLED AROUND PROTECTED TREES OR GROVES OF TREES. THE TREE PROTECTION FENCING.

LANDSCAPE CALCULATIONS:

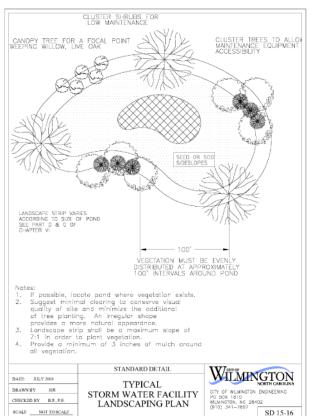
(MAX WIDTH 37.5', MIN WIDTH 12.5) 1 CANOPY / 600 SF (19.57 MULTIPLIER) 6 SHRUBS / 600 SF

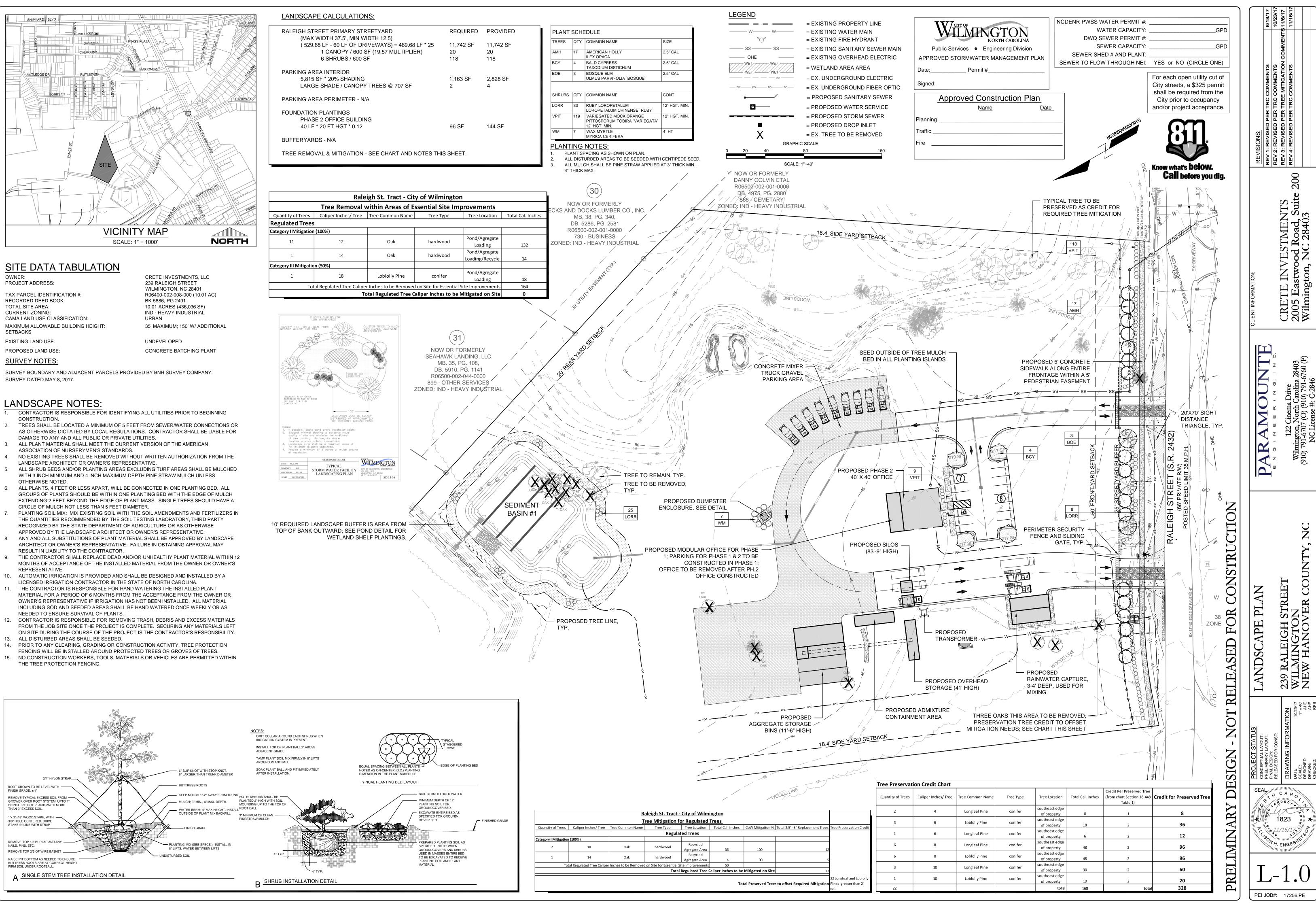
5,815 SF * 20% SHADING

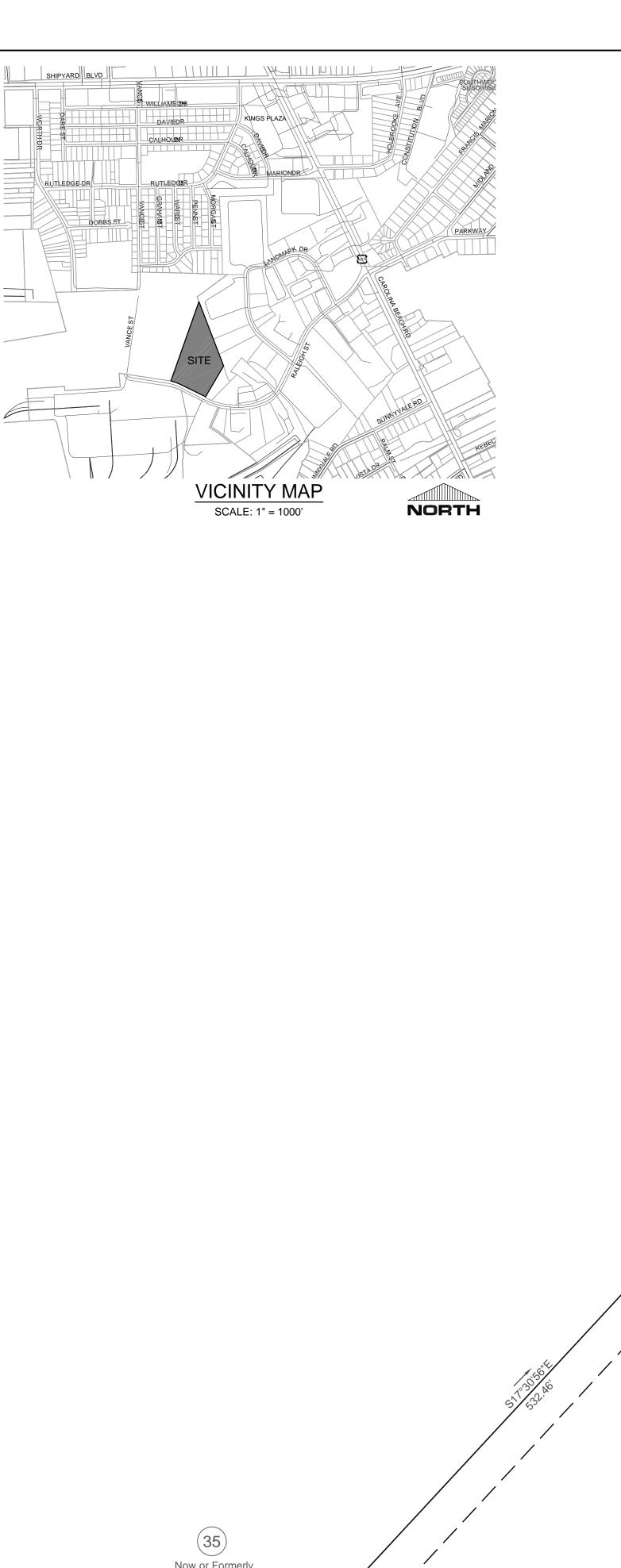
40 LF * 20 FT HGT * 0.12

11 12 Oak

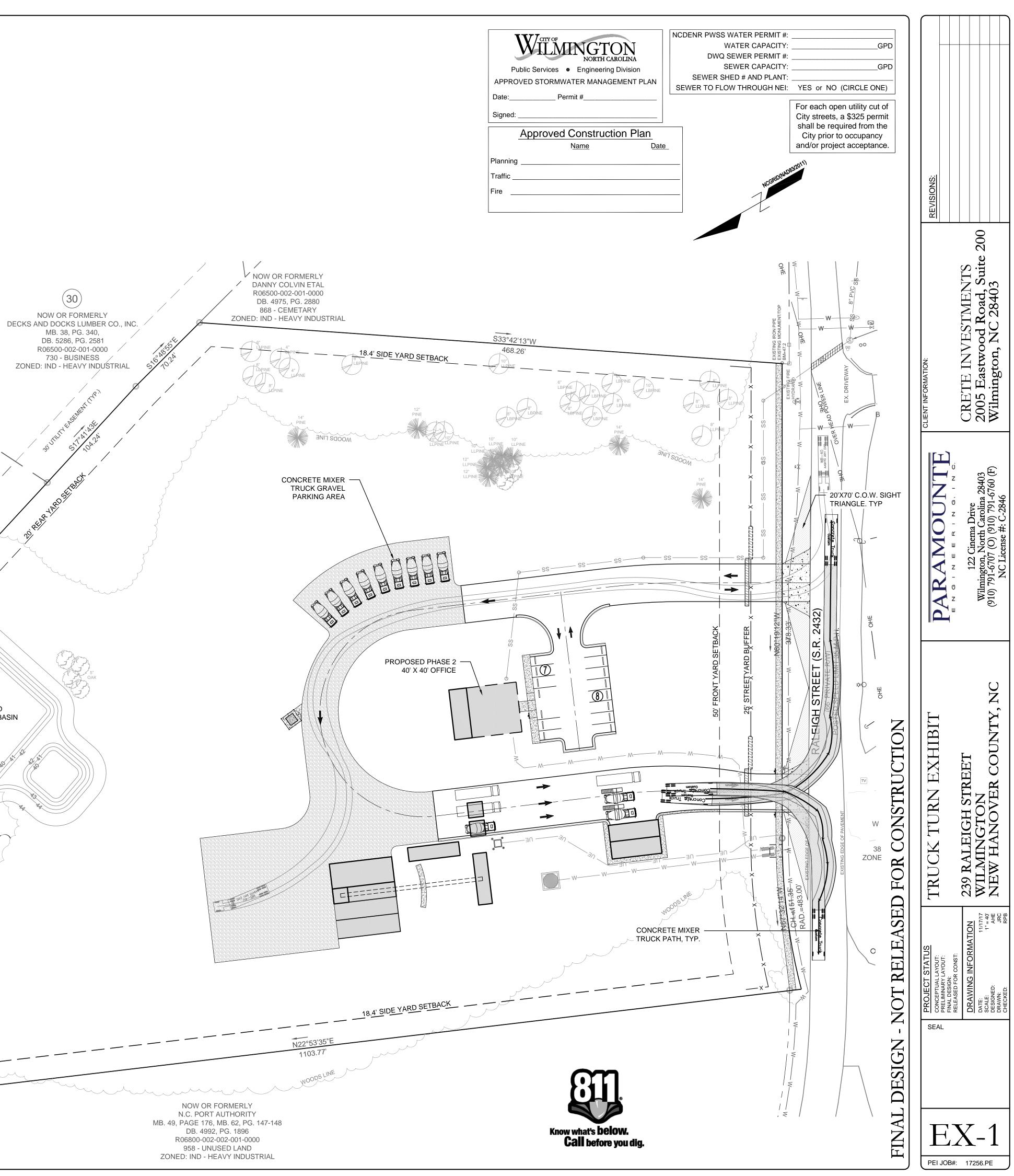
1	14	Oak	ha		
Category III Mitigatio	on (50%)				
1	18	Loblolly Pine			
Total Regulated Tree Caliper Inches to be Removed on Site					
Total Pegulated Tree Caliper I					







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DB. 5910, PG. 1141 R06500-002-044-0000 899 - OTHER SERVICES ZONED: IND - HEAVY INDUSTRIAL

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PROPOSED INFILTRATION BASIN

