

CONTACT INFORMATION					
WATER:	CITY OF RALEIGH PUBLIC UTILITIES 222 W. HARGETT STREET RALEIGH, NC 27601 CONTACT: CESAR SANCHEZ PHONE: 919-996-2673				
EROSION & SEDIMENT CONTROL AND STORMWATER	WAKE COUNTY GOVERNMENT ENVIRONMENTAL SERVICE / WATER QUALITY DIVISION CONTACT: KARYN PAGEAU karyn.pageau@wake.gov PHONE: 919-796-8769				
STORM DRAINAGE:	WAKE COUNTY STORMWATER DIVISION OF WATER QUALITY 336 FAYETTEVILLE STREET RALEIGH, NC 27602 CONTACT: DEBORAH L. RYALS PHONE: 919-856-7400				
SANITARY SEWER:	CITY OF RALEIGH PUBLIC UTILITIES 222 W. HARGETT STREET RALEIGH, NC 27601 CONTACT: CESAR SANCHEZ PHONE: 919-996-2673				
GAS:	PSNC ENERGY CONTACT: BUSINESS SERVICES PHONE: 919-452-2177				
ELECTRIC:	DUKE ENERGY PROGRESS CONTACT: BUSINESS SERVICES PHONE: 800-452-2777				
TELEPHONE:	AT&T CONTACT: BUSINESS SERVICES PHONE: 800-221-0000				
PLANNING / ZONING:	TOWN OF ZEBULON PLANNING DEPT. 1003 N. ARENDELL AVENUE ZEBULON, NC 27597 CONTACT: SENIOR PLANNER PHONE: 919-823-1809				

24 HOUR CONTACT
KYLE ULANDER
CONSTRUCTION MANAGER
TELEPHONE: (336) 867-8800

## **REVISIONS:**

⚠	2023-06-08	REVISED PER TOWN	KL		
$\triangle$	2023-11-06	TRC AND WAKE COUNTY COMMENTS	DDH		
ß	2024-09-26	REV. ENTRANCE DRIVES/ADD TURN LANES	DDH		
À	2025-04-02	REVISE BUILDING FOOTPRINT	DDH		
NO.	DATE	DESCRIPTION	BY		

## **EROSION CONTROL, STORMWATER** AND FLOODPLAIN MANAGEMENT APPROVED

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WAKE COUNTY NORTH CAROLINA	ENVIRONMENTAL CONSULTANT SIGNATURE

## ATTENTION CONTRACTORS:

THE CONSTRUCTION CONTRACTOR RESPONSIBLE FOR THE EXTENSION OF WATER, SEWER AND/OR REUSE, AS APPROVED IN THESE PLANS, IS RESPONSIBLE FOR CONTACTING THE PUBLIC UTILITIES **DEPARTMENT** AT (919) 996-4540 AT LEAST <u>TWENTY</u> FOUR HOURS PRIOR TO BEGINNING ANY OF THEIR CONSTRUCTION.

FAILURE TO NOTIFY BOTH CITY DEPARTMENTS IN ADVANCE OF BEGINNING CONSTRUCTION, WILL RESULT IN THE ISSUANCE OF **MONETARY FINES**, AND REQUIRE REINSTALLATION OF ANY WATER OR SEWER FACILITIES NOT INSPECTED AS A RESULT OF THIS NOTIFICATION FAILURE.

FAILURE TO CALL FOR INSEPCTION, INSTALL A DOWNSTREAM PLUG, HAVE PERMITTED PLANS ON THE JOBSITE, OR ANY OTHER VIOLATION OF CITY OF RALEIGH STANDARDS WILL RESULT IN A FINE AND POSSIBLE EXCLUSION FROM FUTURE WORK IN THE CITY OF RALEIGH.



COOK OUT 15 LAURA LANE, SUITE 300 THOMASVILLE, NORTH CAROLINA 27360 **TELEPHONE: (336) 215-7025** FAX: (336) 474-1849

# SITE ADDRESS: 1200 NORTH ARENDELL AVENUE ZEBULON, NORTH CAROLINA CSD PROJECT NUMBER: OUT-1502

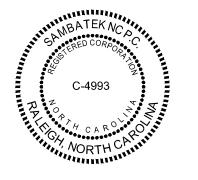
**TOWN OF ZEBULON PROJECT NUMBER: 856796** 

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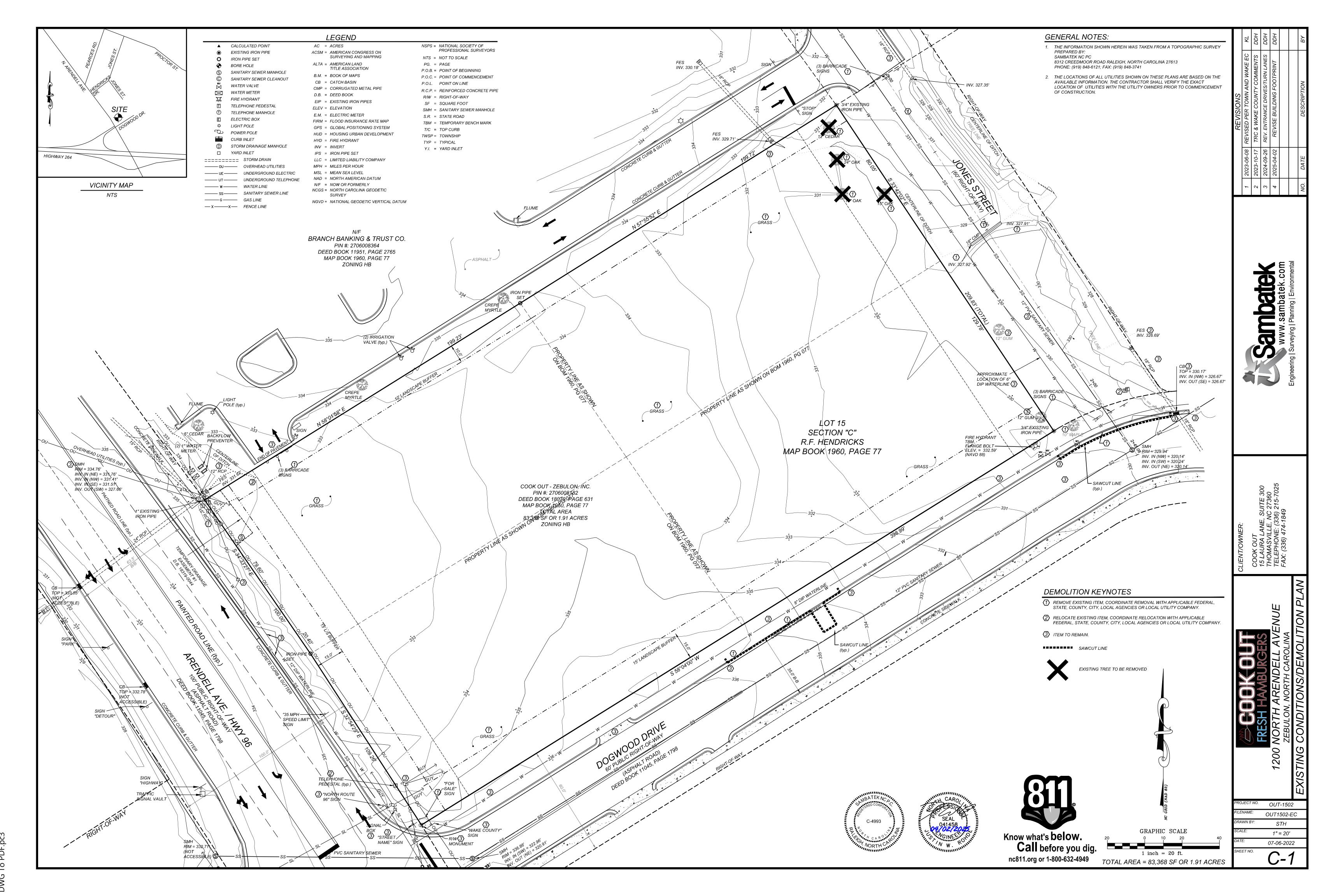
# SITE INFORMATION

SITE ADDRESS:	1200 NORTH ARENDELL AVENUE
PARCEL IDENTIFICATION NUMBER:	2706008182
OWNER / DEVELOPER:	COOK OUT 15 LAURA LANE, SUITE 300 THOMASVILLE, NORTH CAROLINA 27360 PHONE: (336) 215-7025 FAX: (336) 474-1849
DESIGNER:	COMMERCIAL SITE DESIGN, PLLC 8312 CREEDMOOR ROAD RALEIGH, NORTH CAROLINA 27613 PHONE: (919) 848-6121 FAX: (919) 848-3741
ZONING:	HC (HEAVY COMMERCIAL)
EXISTING USE:	VACANT LOT
PROPOSED USE:	RESTAURANT WITH DRIVE-THRU
BUILDING SETBACKS: RIGHT OF WAY SIDE REAR	30 FEET 0 FEET 25 FEET
PARKING REQUIREMENTS:	1 SPACE PER 4 SEATS 160 SEATS / 4 = 40 SPACES
PARKING PROVIDED:	49 REGULAR SPACES 2 HANDICAP SPACES 51 TOTAL SPACES
SITE AREA: DISTURBED AREA: EXISTING IMPERVIOUS AREA: PROPOSED IMPERVIOUS AREA:	83,368 SF OR 1.91 ACRES 105,763 SF OR 2.42 ACRES 0 SF 53,014 SF OR 1.21 ACRES
BUILDING AREA:	4,712 SF
NUMBER OF RESTAURANT SEATS:	60 MAIN DINING ROOM & 100 SEATS PARTY ROOM
WATER:	CITY OF RALEIGH PUBLIC UTILITIES
SEWER:	CITY OF RALEIGH PUBLIC UTILITIES
OPEN SPACE:	REQUIRED: 3% OF LOT AREA =2,501 SF PROVIDED: 34,243 SF

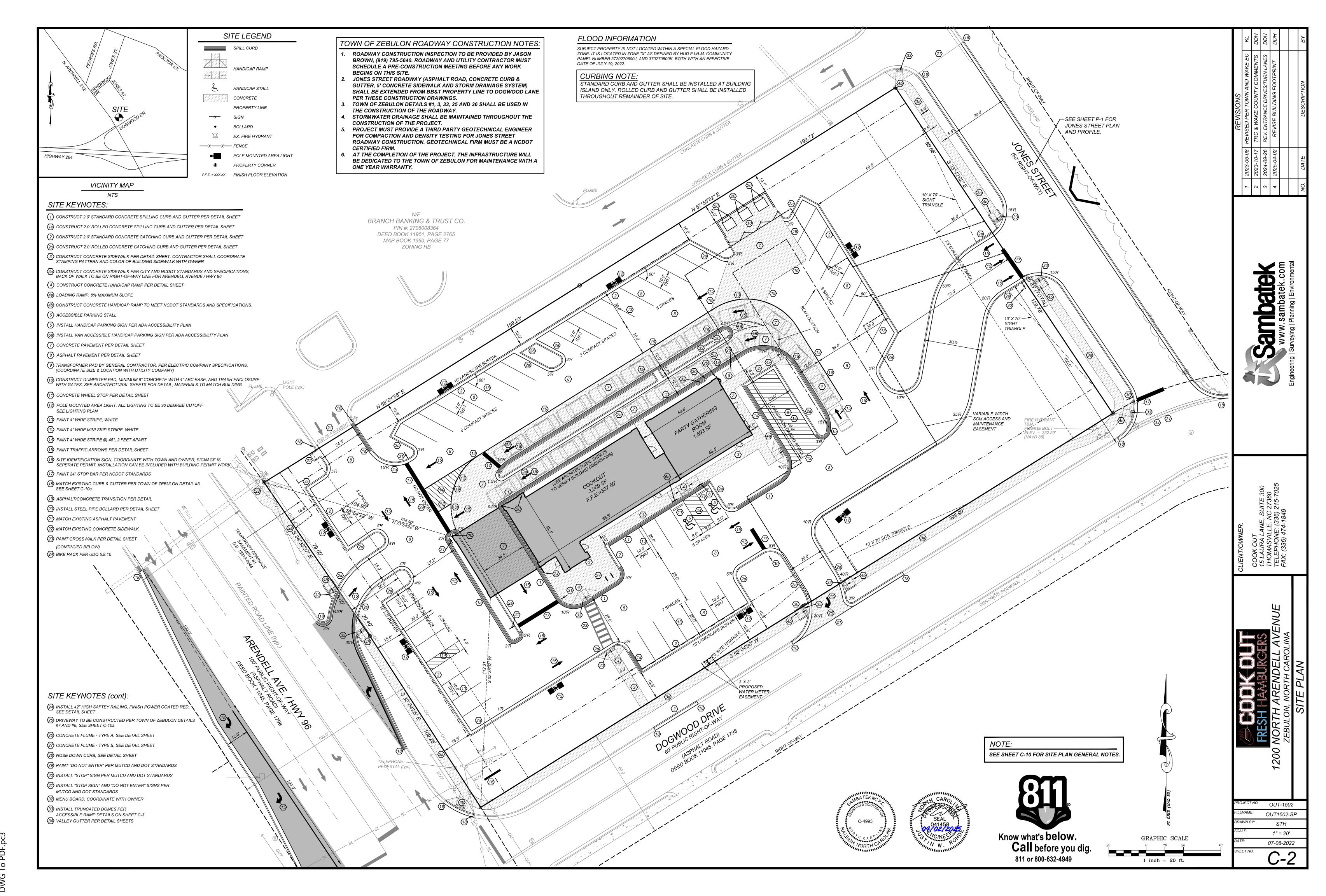


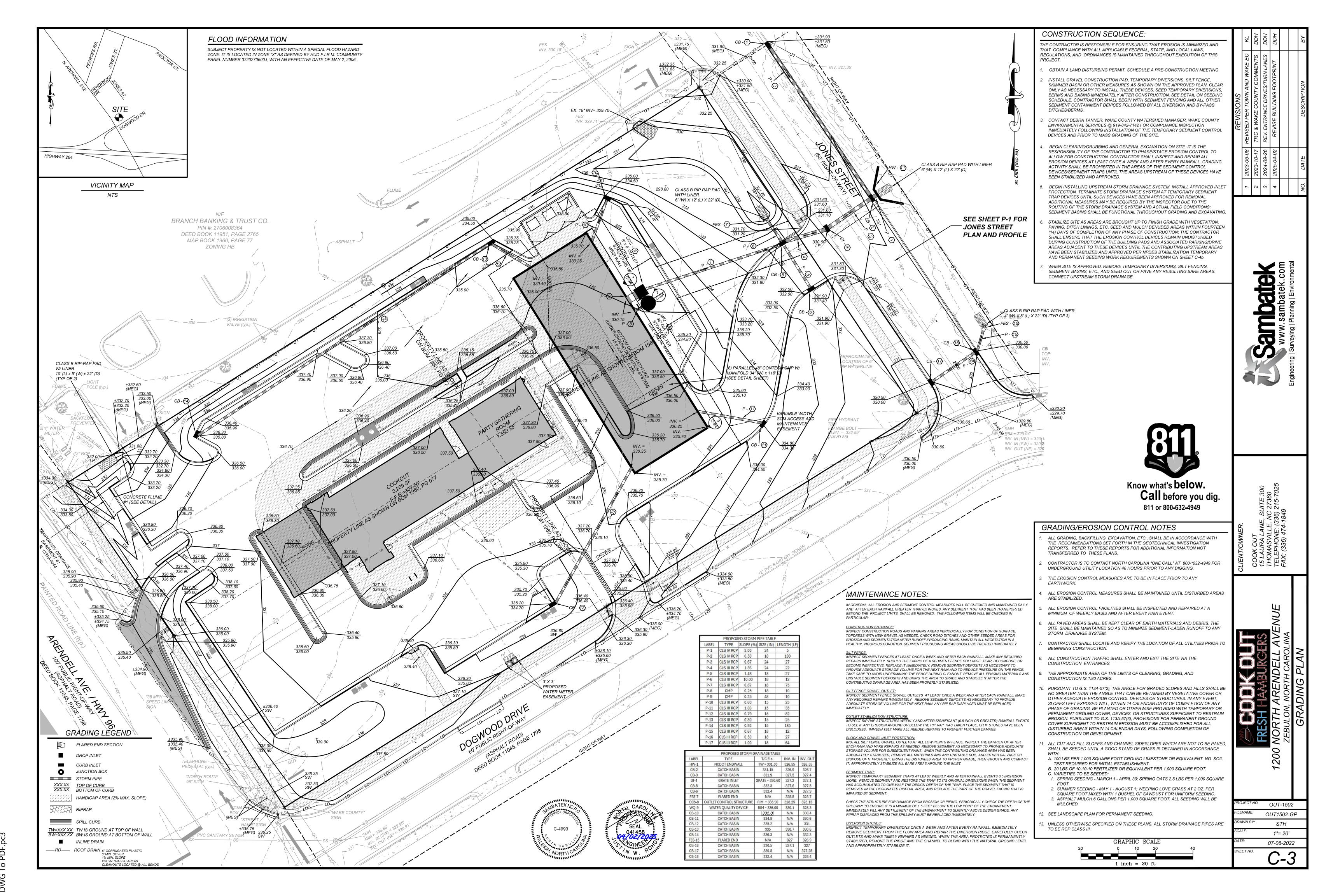


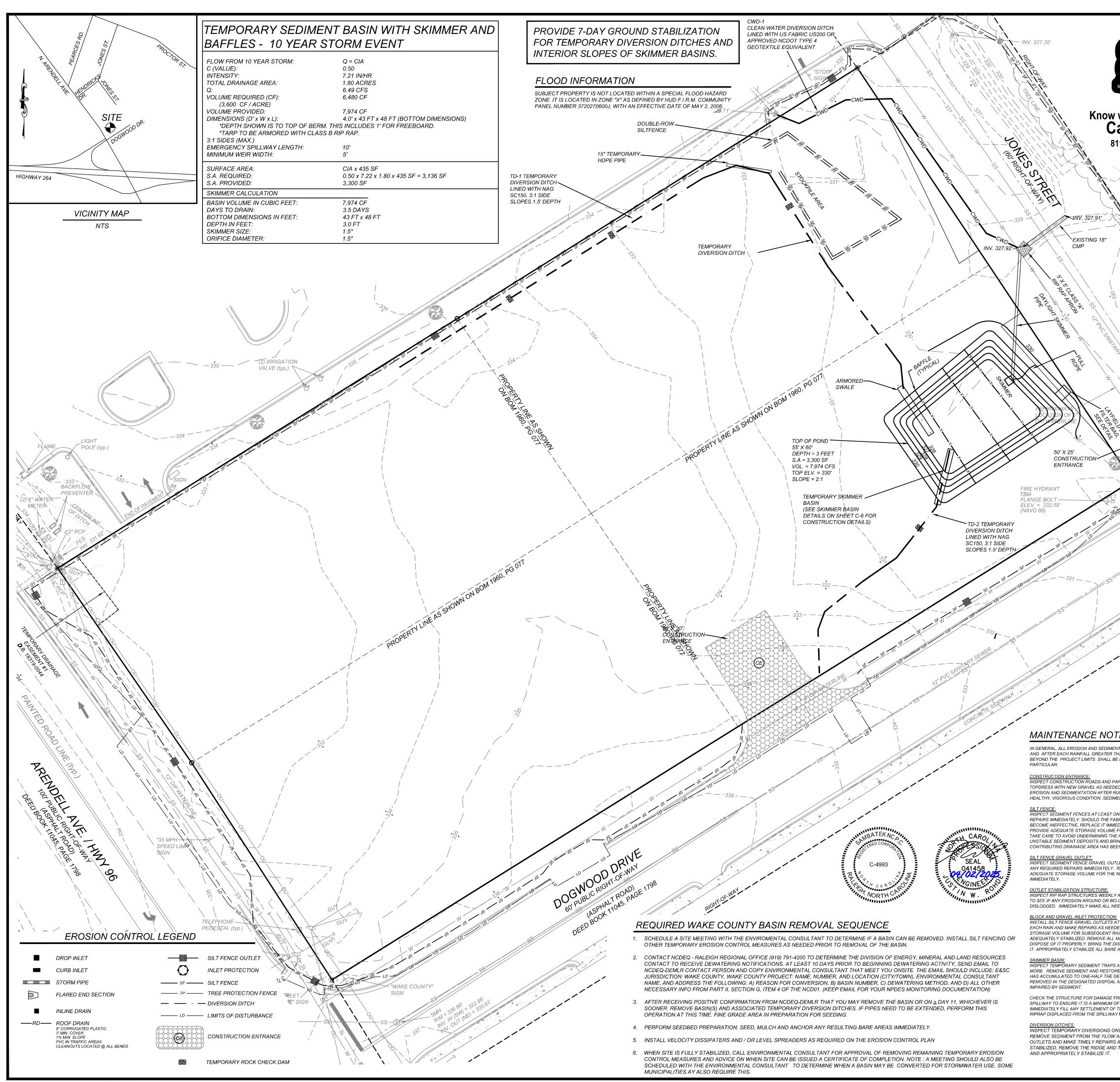




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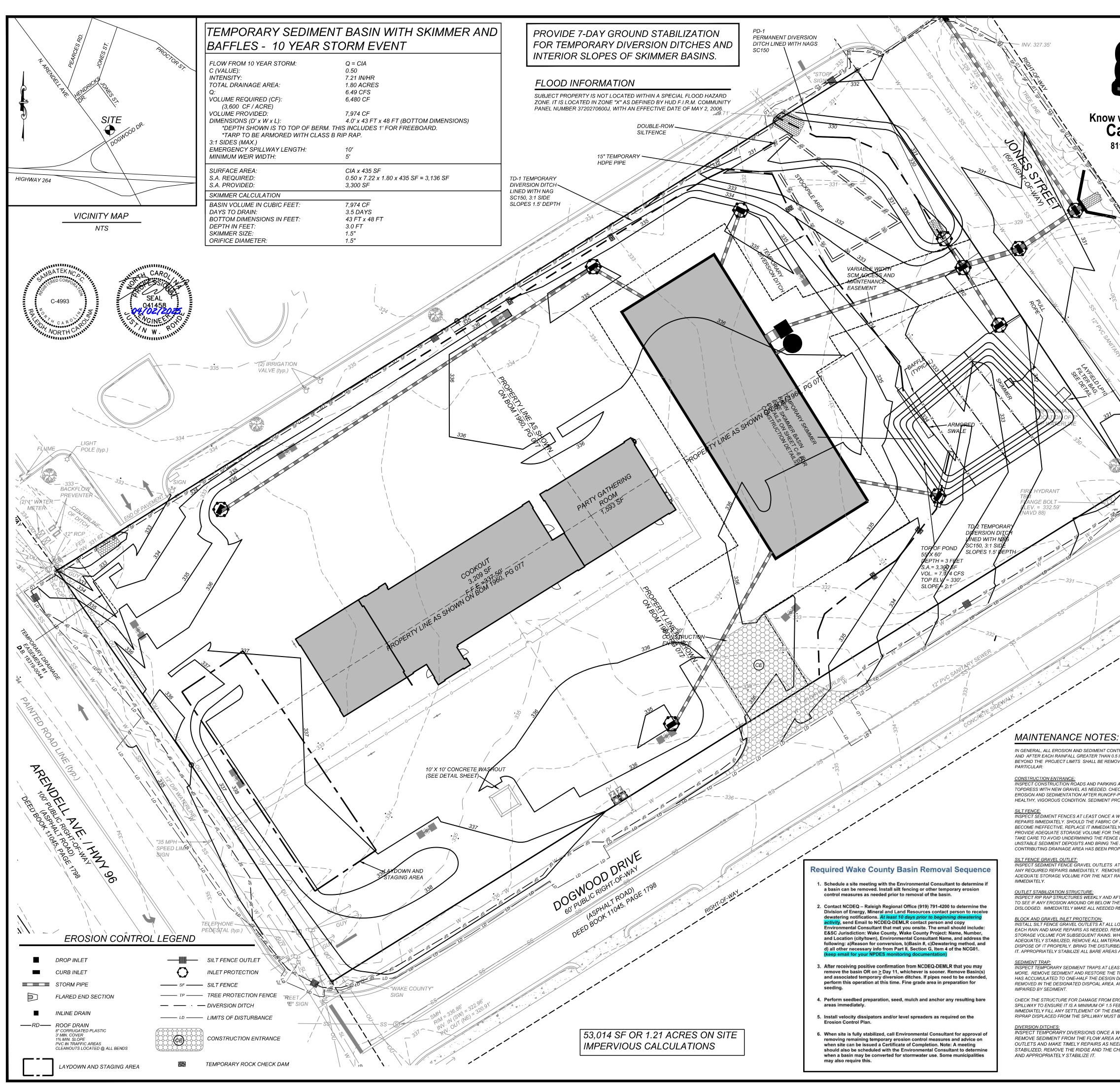




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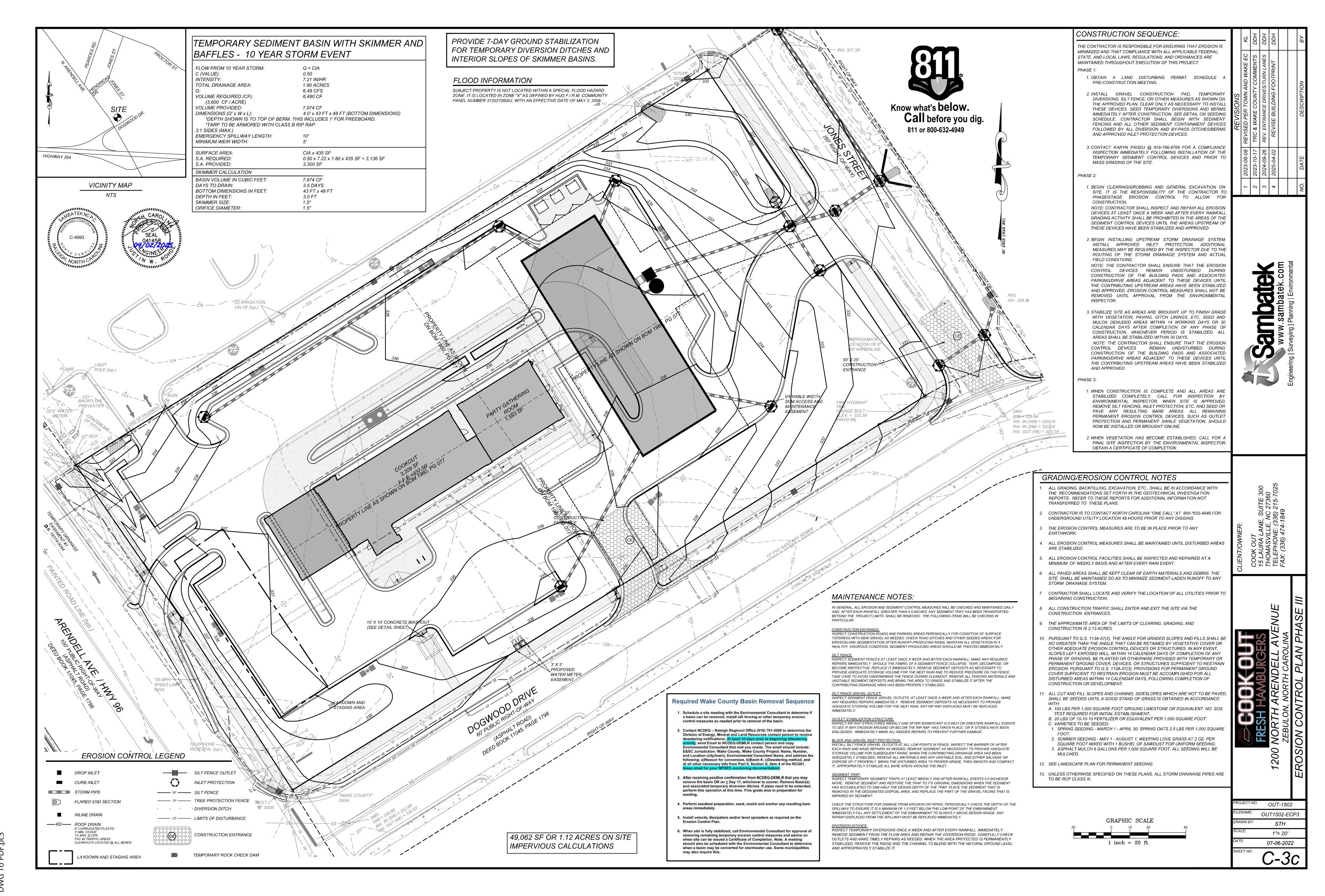
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what's below. all before you dig.	2. INSTALL GRAVEL CONSTRUCTION PAD, TEMPORARY DIVERSIONS, SILT FENCE, OR OTHER MEASURES AS SHOWN ON THE APPROVED PLAN. CLEAR ONLY AS NECESSARY TO INSTAL THESE DEVICES. SEED TEMPORARY DIVERSIONS AND BERMS IMMEDIATELY AFTER CONSTRUCTION. SEE DETAIL ON SEEDING SCHEDULE. CONTRACTOR SHALL BEGIN WITH SEDIMENT FENCING AND ALL OTHER SEDIMENT CONTAINMENT DEVICES FOLLOWED BY ALL DIVERSION AND BY-PASS DITCHES/BERMS	SUOISIONS	SED PER TOWN	& WAKE COUNTY	ENTRANCE DRIVI	VISE BUILDING	DESCRIPTION
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	TEMPORARY SEDIMENT CONTROL DEVICES AND PRIOR TO MASS GRADING OF THE SITE. PHASE 2:	)	2023-06-08	2023-10-	2024-09-2	2025-04-(	DATE
	1. BEGIN CLEARING/GRUBBING AND GENERAL EXCAVATION ON SITE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PHASE/STAGE EROSION CONTROL TO ALLOW FOR CONSTRUCTION.	D C	1	2	ო	4	NO.
FD 83)	NOTE: CONTRACTOR SHALL INSPECT AND REPAIR ALL EROSION DEVICES AT LEAST ONCE A WEEK AND AFTER EVERY RAINFAL GRADING ACTIVITY SHALL BE PROHIBITED IN THE AREAS OF THI SEDIMENT CONTROL DEVICES UNTIL THE AREAS UPSTREAM OF THESE DEVICES HAVE BEEN STABILIZED AND APPROVED.	 =					
NC GRID (NA	2. BEGIN INSTALLING UPSTREAM STORM DRAINAGE SYSTEM INSTALL APPROVED INLET PROTECTION. ADDITIONAL MEASURES MAY BE REQUIRED BY THE INSPECTOR DUE TO TH ROUTING OF THE STORM DRAINAGE SYSTEM AND ACTUA	Ξ					
	FIELD CONDITIONS. NOTE: THE CONTRACTOR SHALL ENSURE THAT THE EROSION CONTROL DEVICES REMAIN UNDISTURBED DURING CONSTRUCTION OF THE BUILDING PADS AND ASSOCIATEL PARKING/DRIVE AREAS ADJACENT TO THESE DEVICES UNTI THE CONTRIBUTING UPSTREAM AREAS HAVE BEEN STABILIZEL AND APPROVED. EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL APPROVAL FROM THE ENVIRONMENTAL INSPECTOR.				Ă	ambatek.com	Planning   Environmental
	3. STABILIZE SITE AS AREAS ARE BROUGHT UP TO FINISH GRAD. WITH VEGETATION, PAVING, DITCH LININGS, ETC. SEED AND MULCH DENUDED AREAS WITHIN 14 WORKING DAYS OR 30 CALENDAR DAYS AFTER COMPLETION OF ANY PHASE O CONSTRUCTION, WHICHEVER PERIOD IS STABILIZED. ALL AREAS SHALL BE STABILIZED WITHIN 30 DAYS. NOTE: THE CONTRACTOR SHALL ENSURE THAT THE EROSION CONTROL DEVICES REMAIN UNDISTURBED DURING CONSTRUCTION OF THE BUILDING PADS AND ASSOCIATED PARKING/DRIVE AREAS ADJACENT TO THESE DEVICES UNTI THE CONTRIBUTING UPSTREAM AREAS HAVE BEEN STABILIZED	) ) - - - -			CERT	www.samb	Surveying
	AND APPROVED. PHASE 3:						Engineering
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55	2. WHEN VEGETATION HAS BECOME ESTABLISHED, CALL FOR A FINAL SITE INSPECTION BY THE ENVIRONMENTAL INSPECTOR OBTAIN A CERTIFICATE OF COMPLETION.						
	GRADING/EROSION CONTROL NOTES 1. ALL GRADING, BACKFILLING, EXCAVATION, ETC., SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL INVESTIGATION REPORTS. REFER TO THESE REPORTS FOR ADDITIONAL INFORMATION NOT	1			E 300		
	<ol> <li>TRANSFERRED TO THESE PLANS.</li> <li>CONTRACTOR IS TO CONTACT NORTH CAROLINA "ONE CALL" AT 800-*632-4949 FOR UNDERGROUND UTILITY LOCATION 48 HOURS PRIOR TO ANY DIGGING.</li> </ol>				E, SUITE	836) 215 1849	
	<ol> <li>THE EROSION CONTROL MEASURES ARE TO BE IN PLACE PRIOR TO ANY EARTHWORK.</li> <li>ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL DISTURBED AREAS ARE STABILIZED.</li> </ol>		CVUVEN.	OUT	IRA LANE	HONE: (3 336) 474-1	
	<ol> <li>ARE STABILIZED.</li> <li>ALL EROSION CONTROL FACILITIES SHALL BE INSPECTED AND REPAIRED AT A MINIMUM OF WEEKLY BASIS AND AFTER EVERY RAIN EVENT.</li> </ol>		ירובוא ו	COOK	15 LAU	TELEP FAX: (3	
	6. ALL PAVED AREAS SHALL BE KEPT CLEAR OF EARTH MATERIALS AND DEBRIS. THE SITE SHALL BE MAINTAINED SO AS TO MINIMIZE SEDIMENT-LADEN RUNOFF TO ANY STORM DRAINAGE SYSTEM.						Τ
TES:	<ol> <li>CONTRACTOR SHALL LOCATE AND VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION.</li> <li>ALL CONSTRUCTION TRAFFIC SHALL ENTER AND EXIT THE SITE VIA THE</li> </ol>	)				Ш	- - -
THAN 0.5 INCHES. ANY SEDIMENT THAT HAS BEEN TRANSPORTED BE REMOVED. THE FOLLOWING ITEMS WILL BE CHECKED IN	<ol> <li>THE APPROXIMATE AREA OF THE LIMITS OF CLEARING, GRADING, AND CONSTRUCTION IS 2.13 ACRES.</li> </ol>					INNI	HAS
PARKING AREAS PERIODICALLY FOR CONDITION OF SURFACE. DED. CHECK ROAD DITCHES AND OTHER SEEDED AREAS FOR RUNOFF-PRODUCING RAINS. MAINTAIN ALL VEGETATION IN A MENT PRODUCING AREAS SHOULD BE TREATED IMMEDIATELY.	10. PURSUANT TO G.S. 113A-57(2), THE ANGLE FOR GRADED SLOPES AND FILLS SHALL B NO GREATER THAN THE ANGLE THAT CAN BE RETAINED BY VEGETATIVE COVER OR OTHER ADEQUATE EROSION CONTROL DEVICES OR STRUCTURES. IN ANY EVENT,				CXJ	AVE	- P
DNCE A WEEK AND AFTER EACH RAINFALL. MAKE ANY REQUIRED ABRIC OF A SEDIMENT FENCE COLLAPSE, TEAR, DECOMPOSE, OR IEDIATELY. REMOVE SEDIMENT DEPOSITS AS NECESSARY TO E FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE. E FENCE DURING CLEANOUT. REMOVE ALL FENCING MATERIALS AND RING THE AREA TO GRADE AND STABILIZE IT AFTER THE EEN PROPERLY STABILIZED.	SLOPES LEFT EXPOSED WILL, WITHIN 14 CALENDAR DAYS OF COMPLETION OF ANY PHASE OF GRADING, BE PLANTED OR OTHERWISE PROVIDED WITH TEMPORARY OR PERMANENT GROUND COVER, DEVICES, OR STRUCTURES SUFFICIENT TO RESTRAIN EROSION. PURSUANT TO G.S. 113A-57(3), PROVISIONS FOR PERMANENT GROUND COVER SUFFICIENT TO RESTRAIN EROSION MUST BE ACCOMPLISHED FOR ALL DISTURBED AREAS WITHIN 14 CALENDAR DAYS, FOLLOWING COMPLETION OF CONSTRUCTION OR DEVELOPMENT.				MBURG	ENDELL	L PLA
TLETS AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. MAKE REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE NEXT RAIN. ANY RIP RAP DISPLACED MUST BE REPLACED	<ol> <li>ALL CUT AND FILL SLOPES AND CHANNEL SIDESLOPES WHICH ARE NOT TO BE PAVEL SHALL BE SEEDED UNTIL A GOOD STAND OF GRASS IS OBTAINED IN ACCORDANCE WITH:</li> <li>A. 100 LBS PER 1,000 SQUARE FOOT GROUND LIMESTONE OR EQUIVALENT. NO SOIL TEST REQUIRED FOR INITIAL ESTABLISHMENT.</li> </ol>	p,				TH ARE	DNTR
Y AND AFTER SIGNIFICANT (0.5 INCH OR GREATER) RAINFALL EVENTS ELOW THE RIP RAP HAS TAKEN PLACE, OR IF STONES HAVE BEEN EEDED REPAIRS TO PREVENT FURTHER DAMAGE.	<ul> <li>B. 20 LBS OF 10-10-10 FERTILIZER OR EQUIVALENT PER 1,000 SQUARE FOOT.</li> <li>C. VARIETIES TO BE SEEDED:</li> <li>1. SPRING SEEDING - MARCH 1 - APRIL 30; SPRING OATS 2.5 LBS PER 1,000 SQUARE FOOT.</li> <li>2. SUMMER SEEDING - MAY 1 - AUGUST 1; WEEPING LOVE GRASS AT 2 OZ. PER</li> </ul>	8 0 0			<b>FKEN</b>		N CC
AT ALL LOW POINTS IN FENCE. INSPECT THE BARRIER OF AFTER DED. REMOVE SEDIMENT AS NECESSARY TO PROVIDE ADEQUATE RAINS. WHEN THE CONTRIBUTING DRAINAGE AREA HAS BEEN MATERIALS AND ANY UNSTABLE SOIL, AND EITHER SALVAGE OR DISTURBED AREA TO PROPER GRADE, THEN SMOOTH AND COMPACT	SQUARE FOOT MIXED WITH 1 BUSHEL OF SAWDUST FOR UNIFORM SEEDING. 3. ASPHALT MULCH 6 GALLONS PER 1,000 SQUARE FOOT. ALL SEEDING WILL BE MULCHED. 12. SEE LANDSCAPE PLAN FOR PERMANENT SEEDING.		0			200 <u>N</u>	OSIO
E AREAS AROUND THE INLET. S AT LEAST WEEKLY AND AFTER RAINFALL EVENTS 0.5 INCHESOR RE THE TRAP TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT DESIGN DEPTH OF THE TRAP. PLACE THE SEDIMENT THAT IS	13. UNLESS OTHERWISE SPECIFIED ON THESE PLANS, ALL STORM DRAINAGE PIPES ARE TO BE RCP CLASS III.					T	ER
L AREA, AND REPLACE THE PART OF THE GRAVEL FACING THAT IS FROM EROSION OR PIPING. PERIODICALLY CHECK THE DEPTH OF THE DF 1.5 FEET BELOW THE LOW POINT OF THE EMBANKMENT.			DJECT			OUT-15	
THE EMBANKMENT TO SLIGHTLY ABOVE DESIGN GRADE. ANY Y MUST BE REPLACED IMMEDIATELY.	GRAPHIC         SCALE           20         0         10         20         40	DRA	ENAM AWN E		οι	JT1502- STH	ECP
NCE A WEEK AND AFTER EVERY RAINFALL. IMMEDIATELY / AREA AND REPAIR THE DIVERSION RIDGE. CAREFULLY CHECK S AS NEEDED. WHEN THE AREA PROTECTED IS PERMANENTLY D THE CHANNEL TO BLEND WITH THE NATURAL GROUND LEVEL	1  inch = 20  ft.	SCA DAT	E:		(	1"= 20 )7-06-20	
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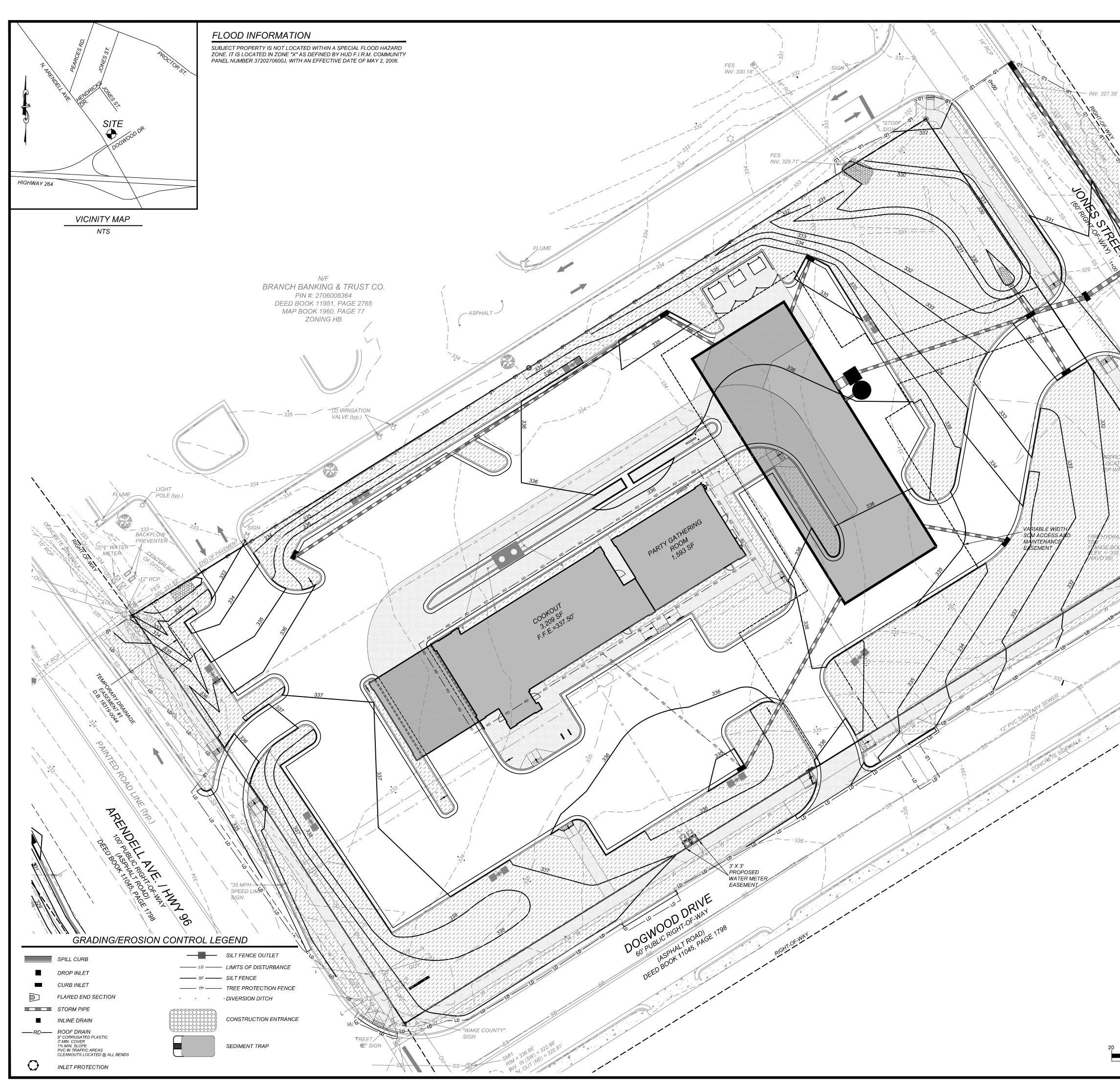


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		SEDIMENT CONTROL DEVICES UNTIL THE AREAS UPSTREAM OF THESE DEVICES HAVE BEEN STABILIZED AND APPROVED. 2. BEGIN INSTALLING UPSTREAM STORM DRAINAGE SYSTEM. INSTALL APPROVED INLET PROTECTION. ADDITIONAL MEASURES MAY BE REQUIRED BY THE INSPECTOR DUE TO THE ROUTING OF THE STORM DRAINAGE SYSTEM AND ACTUAL						
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ROL MEASURES WILL BE CHECKED AND MAINTAINED DAILY INCHES. ANY SEDIMENT THAT HAS BEEN TRANSPORTED /ED. THE FOLLOWING ITEMS WILL BE CHECKED IN	8. ALL CONSTRUC CONSTRUCTION	TION TRAFFIC SHALL ENTER AND EXIT THE SITE VIA THE I ENTRANCES.					IUE	SE
REAS PERIODICALLY FOR CONDITION OF SURFACE. K ROAD DITCHES AND OTHER SEEDED AREAS FOR	CONSTRUCTION	ATE AREA OF THE LIMITS OF CLEARING, GRADING, AND I IS 2.13 ACRES. G.S. 113A-57(2), THE ANGLE FOR GRADED SLOPES AND FILLS SHALL BE				$\mathcal{O}$	VEN	PHA
RODUCING RAINS. MAINTAIN ALL VEGETATION IN A DUCING AREAS SHOULD BE TREATED IMMEDIATELY. REEK AND AFTER EACH RAINFALL. MAKE ANY REQUIRED A SEDIMENT FENCE COLLAPSE, TEAR, DECOMPOSE, OR R. REMOVE SEDIMENT DEPOSITS AS NECESSARY TO	OTHER ADEQUA SLOPES LEFT EX PHASE OF GRAL PERMANENT GR	HAN THE ANGLE THAT CAN BE RETAINED BY VEGETATIVE COVER OR TE EROSION CONTROL DEVICES OR STRUCTURES. IN ANY EVENT, XPOSED WILL, WITHIN 14 CALENDAR DAYS OF COMPLETION OF ANY DING, BE PLANTED OR OTHERWISE PROVIDED WITH TEMPORARY OR ROUND COVER, DEVICES, OR STRUCTURES SUFFICIENT TO RESTRAIN SUANT TO G.S. 113A-57(3), PROVISIONS FOR PERMANENT GROUND					ELL A	
E NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE. DURING CLEANOUT. REMOVE ALL FENCING MATERIALS AND AREA TO GRADE AND STABILIZE IT AFTER THE PERLY STABILIZED.	DISTURBED ARE	ENT TO RESTRAIN EROSION MUST BE ACCOMPLISHED FOR ALL EAS WITHIN 14 CALENDAR DAYS, FOLLOWING COMPLETION OF I OR DEVELOPMENT.					END RTH	10
T LEAST ONCE A WEEK AND AFTER EACH RAINFALL. MAKE E SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE AIN. ANY RIP RAP DISPLACED MUST BE REPLACED	SHALL BE SEED. WITH: A. 100 LBS PER TEST REQUIR	LL SLOPES AND CHANNEL SIDESLOPES WHICH ARE NOT TO BE PAVED, ED UNTIL A GOOD STAND OF GRASS IS OBTAINED IN ACCORDANCE 1,000 SQUARE FOOT GROUND LIMESTONE OR EQUIVALENT. NO SOIL RED FOR INITIAL ESTABLISHMENT. -10-10 FERTILIZER OR EQUIVALENT PER 1,000 SQUARE FOOT.					TH AR	SONTR
TER SIGNIFICANT (0.5 INCH OR GREATER) RAINFALL EVENTS E RIP RAP HAS TAKEN PLACE, OR IF STONES HAVE BEEN EPAIRS TO PREVENT FURTHER DAMAGE.	FOOT.	D BE SEEDED: EDING - MARCH 1 - APRIL 30; SPRING OATS 2.5 LBS PER 1,000 SQUARE EEDING - MAY 1 - AUGUST 1; WEEPING LOVE GRASS AT 2 OZ. PER						
DW POINTS IN FENCE. INSPECT THE BARRIER OF AFTER MOVE SEDIMENT AS NECESSARY TO PROVIDE ADEQUATE HEN THE CONTRIBUTING DRAINAGE AREA HAS BEEN ALS AND ANY UNSTABLE SOIL, AND EITHER SALVAGE OR ED AREA TO PROPER GRADE, THEN SMOOTH AND COMPACT AROUND THE INLET.	3. ASPHALT M MULCHED. 12. SEE LANDSCAPI	OOT MIXED WITH 1 BUSHEL OF SAWDUST FOR UNIFORM SEEDING. ULCH 6 GALLONS PER 1,000 SQUARE FOOT. ALL SEEDING WILL BE E PLAN FOR PERMANENT SEEDING.					1200 N	EROSIO
ST WEEKLY AND AFTER RAINFALL EVENTS 0.5 INCHESOR RAP TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT DEPTH OF THE TRAP. PLACE THE SEDIMENT THAT IS ND REPLACE THE PART OF THE GRAVEL FACING THAT IS	13. UNLESS OTHER TO BE RCP CLAS	WISE SPECIFIED ON THESE PLANS, ALL STORM DRAINAGE PIPES ARE SS III.						Ш
OSION OR PIPING. PERIODICALLY CHECK THE DEPTH OF THE ET BELOW THE LOW POINT OF THE EMBANKMENT.				JECT			OUT-150	
BANKMENT TO SLIGHTLY ABOVE DESIGN GRADE. ANY 3E REPLACED IMMEDIATELY. VEEK AND AFTER EVERY RAINFALL. IMMEDIATELY	20	GRAPHIC SCALE	DRA	WN B'		OU	Т1502-Е STH	:CP2
VEEK AND AFTER EVERY RAINFALL. IMMEDIATELY ND REPAIR THE DIVERSION RIDGE. CAREFULLY CHECK EDED. WHEN THE AREA PROTECTED IS PERMANENTLY HANNEL TO BLEND WITH THE NATURAL GROUND LEVEL		1  inch = 20  ft.	SCAI DATI			0	1"= 20 7-06-20	
			SHE	ET NC	).	<u>_</u>	)-3	)h





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	LABEL	1) GROUND STABILIZATION				KL	Наа	Наа	НДД	BY
		SITE AREA DESCRIPTION	STABILIZATION TIME FRAME	STABILIZATION TIME FRAME EXCEPTIONS		EC K			Ω Ι	
		• PERIMETER DIKES, SWALES, DITCHES	7 DAYS	NONE			COMMENTS	SN LANE	PRINT	
27.35'		AND SLOPES HIGH QUALITY WATER (HQW) ZONES	7 DAYS	NONE	S	VN AND WAKE		ENTRANCE DRIVES/TURN LANES	REVISE BUILDING FOOTPRINT	NOITa
ž		SLOPES STEEPER     THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1.	REVISIONS	PER TOWN	ΚΕ COUNTY	ANCE DR	BUILDIN	DESCRIPTION
		• SLOPES 3:1 OR FLATTER	14 DAYS	14 DAYS ARE ALLOWED. 7 DAYS FOR SLOPES GREATER THAN 50 FEET	REV	REVISED F	TRC & WAKE	REV. ENTR	REVISE	
		ALL OTHER AREAS     WITH SLOPES FLATTER     THAN 4:1	14 DAYS	IN LENGTH NONE (EXCEPT FOR PERIMETERS AND HQW ZONES)					04-02	<u> </u>
		2) BUILDING WASTES HAN		· · · · · · · · · · · · · · · · · · ·	]	2023-06-08	2023-10-17	2024-09-26	2025-04-02	DATE
		MUST BE LOCATED 50' REASONABLE ALTERNA EARTHEN-MATERIALS S DRAINS AND STREAMS	R DEMOLITION, CONST FROM STORM DRAINS ATIVES AVAILABLE STOCKPILES MUST BE UNLESS NO REASONA	RUCTION AND OTHER WASTES AND STREAMS UNLESS NO LOCATED 50' FROM STORM BLE ALTERNATIVES AVAILABLE.		1	2	ę	4	
RPROXIMATE/ OCATION.OF.6" WPWATERLIME YORANIT E-BOLT			CB TOP = 330.17' INV. IN (NW) = 32 INV. OUT (SE) = 32							Engineering   Surveying   Planning   Environmental
55 55 55 55 55 55 55 55 55 55 55 55 55		<ul> <li>INSPECTION REPORTS I UNLESS A SITE-SPECIFIC</li> <li>RECORDS MUST BE KEF</li> </ul>	Y REQUIRED DURING "N MUST BE AVAILABLE OI C EXEMPTION IS APPRO PT FOR 3 YEARS AND A ABLE RECORDS MAY E MUST WITHDRAW FROM S THAN 1 ACRE. VED FLOCCULANTS.	NORMAL BUSINESS HOURS". N-SITE DURING BUSINESS HOURS OVED. VAILABLE UPON REQUEST. BE SUBSTITUTED UNDER CERTAIN	CI IENT/ON/NER.		COOK OUT	15 LAURA LANE, SUITE 300 THOMA SVILLE NC 27360		)
		<ol> <li>THIS PAGE IS SUBMITTEL PERMIT NCG010000:</li> <li>THIS PAGE CAN BE APPR STORMWATER PERMIT N</li> <li>THIS PAGE OF THE APPR PURSUANT TO NPDES GI</li> <li>THE CITY IS NOT AUTHOI NOT A PART OF THE APP ACTION UNDER THE CITY</li> </ol>	O TO COMPLY WITH NP OVED BY THE CITY PU ICG010000 ONLY; OVED PLANS IS ENFOR ENERAL STORMWATER RIZED TO ENFORCE TH ROVED PLANS FOR TH ( CODE.	DES GENERAL STORMWATER RSUANT TO NPDES GENERAL RCEABLE EXCLUSIVELY				FREDH FRAMBURGERS	TH ARENDELL /	ZEBULON, NURTH CAROLINA NPDES STABILIZATION PLAN
GRAPHIC SCALE $20   0   10   20$ $1   inch = 20   ft.$	40	C-499		SEAL 041458 01. Market 041458 04102/2000 NGINEE	FILE DRA SCA DAT		Ξ: Y:	oUT	OUT-1 T1502- STH 1"= 2 D7-06-2	NPDES 1 '0'

### GROUND STABILIZATION AND MATERIALS HANDLING PRACTICES FOR COMPLIANCE WITH THE NCG01 CONSTRUCTION GENERAL PERMIT Implementing the details and specifications on this plan sheet will result in the construction activity being considered compliant with the Ground Stabilization and Materials Handling sections of the NCG01 Construction General Permit (Sections E and F, respectively). The permittee shall comply with the Erosion and Sediment Control plan approved by the delegated authority having jurisdiction. All details and specifications shown on this sheet may not apply depending on site conditions and the delegated authority having jurisdiction.

SECTION E: GROUND STABILIZATION								
	Required Ground Stabilization Timeframes							
Si	te Area Description	Stabilize within this many calendar days after ceasing land disturbance	Timeframe variations					
(a)	Perimeter dikes, swales, ditches, and perimeter slopes	7	None					
(b)	High Quality Water (HQW) Zones	7	None					
(c)	Slopes steeper than 3:1	7	If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed					
(d) Slopes 3:1 to 4:1 14 (d) Slopes 3:1 to 4:1 14 14 14 14 14 14 14 14 14 1								
(e) Areas with slopes flatter than 4:1-7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones -10 days for Falls Lake Watershed unless there is zero slope								

**Note:** After the permanent cessation of construction activities, any areas with temporary ground stabilization shall be converted to permanent ground stabilization as soon as practicable but in no case longer than 90 calendar days after the last land disturbing activity. Temporary ground stabilization shall be maintained in a manner to render the surface stable against accelerated erosion until permanent ground stabilization is achieved.

 GROUND STABILIZATION SPECIFICATION

 Stabilize the ground sufficiently so that rain will not dislodge the soil. Use one of the techniques in the table below:

 Temporary Stabilization

 Temporary Stabilization
 Permanent Stabilization

 • Temporary grass seed covered with straw or other mulches and tackifiers
 • Permanent grass seed covered with straw or other mulches and tackifiers

 • Hydroseeding
 • Geotextile fabrics such as permanent soil

- other mulches and tackfilers
  Hydroseeding
  Rolled erosion control products with or without temporary grass seed
  Appropriately applied straw or other mulch
  Plastic sheeting
  Shrubs or other permanent plantings covered with mulch
  Uniform and evenly distributed ground cover sufficient to restrain erosion
  Structural methods such as concrete, asphalt or
  - retaining walls
    Rolled erosion control products with grass seed

## POLYACRYLAMIDES (PAMS) AND FLOCCULANTS

- Select flocculants that are appropriate for the soils being exposed during construction, selecting from the NC DWR List of Approved PAMS/Flocculants.
- Apply flocculants at or before the inlets to Erosion and Sediment Control Measures.
   Apply flocculants at the concentrations specified in the NC DWR List of Approved
- 3. Apply flocculants at the concentrations specified in the *NC DWR List of Approved PAMS/Flocculants* and in accordance with the manufacturer's instructions.
- Provide ponding area for containment of treated Stormwater before discharging
- offsite.5. Store flocculants in leak-proof containers that are kept under storm-resistant cover or surrounded by secondary containment structures.

- EQUIPMENT AND VEHICLE MAINTENANCE
  1. Maintain vehicles and equipment to prevent discharge of fluids.
- Provide drip pans under any stored equipment.
   Identify leaks and repair as soon as feasible, or remove leaking equipment from the project.
- Collect all spent fluids, store in separate containers and properly dispose as hazardous waste (recycle when possible).
- Remove leaking vehicles and construction equipment from service until the problem
- has been corrected.
   Bring used fuels, lubricants, coolants, hydraulic fluids and other petroleum products to a recycling or disposal center that handles these materials.

## LITTER, BUILDING MATERIAL AND LAND CLEARING WASTE

- Never bury or burn waste. Place litter and debris in approved waste containers.
   Provide a sufficient number and size of waste containers (e.g. dumpster, trash
- Provide a sufficient number and size of waste containers (e.g dumpster, trash receptacle) on site to contain construction and domestic wastes.
- 3. Locate waste containers at least 50 feet away from storm drain inlets and surface
- waters unless no other alternatives are reasonably available. . Locate waste containers on areas that do not receive substantial amounts of runoff
- from upland areas and does not drain directly to a storm drain, stream or wetland.
- Cover waste containers at the end of each workday and before storm events or provide secondary containment. Repair or replace damaged waste containers.
- Anchor all lightweight items in waste containers during times of high winds. Empty waste containers as needed to prevent overflow. Clean up immediately if
- containers overflow.
- Dispose waste off-site at an approved disposal facility.
   On business days, clean up and dispose of waste in designated waste containers.

### PAINT AND OTHER LIQUID WASTE

- Do not dump paint and other liquid waste into storm drains, streams or wetlands.
   Locate paint washouts at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
- Contain liquid wastes in a controlled area.
- 4. Containment must be labeled, sized and placed appropriately for the needs of site.
- 5. Prevent the discharge of soaps, solvents, detergents and other liquid wastes from construction sites.

### PORTABLE TOILETS

- Install portable toilets on level ground, at least 50 feet away from storm drains, streams or wetlands unless there is no alternative reasonably available. If 50 foot
- offset is not attainable, provide relocation of portable toilet behind silt fence or place on a gravel pad and surround with sand bags. 2. Provide staking or anchoring of portable toilets during periods of high winds or in high
- foot traffic areas.3. Monitor portable toilets for leaking and properly dispose of any leaked material. Utilize a licensed sanitary waste hauler to remove leaking portable toilets and replace

### EARTHEN STOCKPILE MANAGEMENT

with properly operating unit.

- Show stockpile locations on plans. Locate earthen-material stockpile areas at least 50 feet away from storm drain inlets, sediment basins, perimeter sediment controls and surface waters unless it can be shown no other alternatives are reasonably available.
- 2. Protect stockpile with silt fence installed along toe of slope with a minimum offset of five feet from the toe of stockpile.
- Provide stable stone access point when feasible.
   Stabilize stockpile within the timeframes provided on t
- 4. Stabilize stockpile within the timeframes provided on this sheet and in accordance with the approved plan and any additional requirements. Soil stabilization is defined as vegetative, physical or chemical coverage techniques that will restrain accelerated erosion on disturbed soils for temporary or permanent control needs.

# NCG01 GROUND STABILIZATION AND MATERIALS HANDLING

PART III SELF-INSPECTION, RECORDKEEPING AND REPORTING			SELF-INSPECTION, REC	PART III CORDKEEPING AND REPORTING		
elow. When ac ersonnel to be which it is safe t reater than 1.0	are required duri dverse weather or in jeopardy, the i o perform the ins inch occurs outsi	ng normal business hours in accordance with the table r site conditions would cause the safety of the inspection nspection may be delayed until the next business day on pection. In addition, when a storm event of equal to or de of normal business hours, the self-inspection shall be nent of the next business day. Any time when inspections	approved E&SC plan must be kept up-to-o	pproved deviation shall be kept on the site. The date throughout the coverage under this permit. iC plan shall be kept on site and available for ness hours.		
		e Inspection Record.	Item to Document	Documentation Requirements		
Inspect	Frequency (during normal business hours)	Inspection records must include:	(a) Each E&SC measure has been installed and does not significantly deviate from the locations, dimensions and relative elevations	Initial and date each E&SC measure on a copy of the approved E&SC plan or complete, date and sign an inspection report that lists each		
(1) Rain gauge maintained in good working order	Daily	Daily rainfall amounts. If no daily rain gauge observations are made during weekend or holiday periods, and no individual-day rainfall information is available, record the cumulative rain measurement for those un- attended days (and this will determine if a site inspection is needed). Days on which no rainfall occurred shall be recorded as "zero." The permittee may use another rain-monitoring device	shown on the approved E&SC plan.	E&SC measure shown on the approved E&SC plan. This documentation is required upon the initial installation of the E&SC measures or if the E&SC measures are modified after initial installation.		
(2) E&SC Measures	At least once per 7 calendar days and within 24	<ul> <li>approved by the Division.</li> <li>1. Identification of the measures inspected,</li> <li>2. Date and time of the inspection,</li> <li>3. Name of the person performing the inspection,</li> </ul>	(b) A phase of grading has been completed.	Initial and date a copy of the approved E&SC plan or complete, date and sign an inspection report to indicate completion of the construction phase.		
(3) Stormwater	hours of a rain event ≥ 1.0 inch in 24 hours At least once per	<ol> <li>Indication of whether the measures were operating properly,</li> <li>Description of maintenance needs for the measure,</li> <li>Description, evidence, and date of corrective actions taken.</li> <li>Identification of the discharge outfalls inspected,</li> </ol>	(c) Ground cover is located and installed in accordance with the approved E&SC plan.	Initial and date a copy of the approved E&SC plan or complete, date and sign an inspection report to indicate compliance with approved ground cover specifications.		
discharge outfalls (SDOs)	7 calendar days and within 24 hours of a rain event $\geq$ 1.0 inch in 24 hours	<ol> <li>Date and time of the inspection,</li> <li>Name of the person performing the inspection,</li> <li>Evidence of indicators of stormwater pollution such as oil sheen, floating or suspended solids or discoloration,</li> <li>Indication of visible sediment leaving the site,</li> </ol>	(d) The maintenance and repair requirements for all E&SC measures have been performed.	Complete, date and sign an inspection report.		
(4) Perimeter of site	At least once per 7 calendar days and within 24	<ol> <li>Description, evidence, and date of corrective actions taken.</li> <li>If visible sedimentation is found outside site limits, then a record of the following shall be made:</li> <li>Actions taken to clean up or stabilize the sediment that has left</li> </ol>	(e) Corrective actions have been taken to E&SC measures.	Initial and date a copy of the approved E&SC plan or complete, date and sign an inspection report to indicate the completion of the corrective action.		
	hours of a rain event ≥ 1.0 inch in 24 hours	<ul><li>the site limits,</li><li>2. Description, evidence, and date of corrective actions taken, and</li><li>3. An explanation as to the actions taken to control future releases.</li></ul>		Site bove, the following items shall be kept on the es during normal business hours, unless the		
(5) Streams or wetlands onsite or offsite {where	At least once per 7 calendar days and within 24 hours of a rain	If the stream or wetland has increased visible sedimentation or a stream has visible increased turbidity from the construction activity, then a record of the following shall be made: 1. Description, evidence and date of corrective actions taken, and		n based on unique site conditions that make		
accessible) (6) Ground	event ≥ 1.0 inch in 24 hours After each phase	<ol> <li>Records of the required reports to the appropriate Division Regional Office per Part III, Section C, Item (2)(a) of this permit.</li> <li>The phase of grading (installation of perimeter E&amp;SC</li> </ol>		rtificate of Coverage, after it is received.		
<ul> <li>(b) Records of inspections made during the previous twelve months. The permittee shall measures (clearing and grubbing, installation of storm drainage facilities, completion of all land-disturbing activity, construction or redevelopment, permanent ground cover).</li> <li>(b) Records of inspections made during the previous twelve months. The permittee shall record the required observations on the Inspection Record Form provided by the Division or a similar inspection form that includes all the required elements. Use of electronically-available records in lieu of the required paper copies will be allowed if shown to provide equal access and utility as the hard-copy records.</li> </ul>						
NOTE: The rair	n inspection reset	timeframe or an assurance that they will be provided as soon as possible. s the required 7 calendar day inspection requirement.		<b>Years</b> Il inspection records shall be maintained for a period d made available upon request. [40 CFR 122.41]		
			SECTION G, ITEM (4) BASINS FOR MAINTENANCE OR CLOSE OUT			

Sediment basins and traps that receive runoff from drainage areas of one acre or more shall use outlet structures that withdraw water from the surface when these devices need to be drawn down for maintenance or close out unless this is infeasible. The circumstances in which it is not feasible to withdraw water from the surface shall be rare (for example, times with extended cold weather). Non-surface withdrawals from sediment basins shall be allowed only when all of the following criteria have been met:

- (a) The E&SC plan authority has been provided with documentation of the non-surface withdrawal and the specific time periods or conditions in which it will occur. The non-surface withdrawal shall not commence until the E&SC plan authority has approved these items,
- (b) The non-surface withdrawal has been reported as an anticipated bypass in accordance with Part III, Section C, Item (2)(c) and (d) of this permit,
   (c) Dewatering discharges are treated with controls to minimize discharges of pollutants from stormwater that is removed from the sediment basin. Examples of appropriate controls include
- properly sited, designed and maintained dewatering tanks, weir tanks, and filtration systems,
- (d) Vegetated, upland areas of the sites or a properly designed stone pad is used to the extent feasible at the outlet of the dewatering treatment devices described in Item (c) above,
   (e) Velocity dissipation devices such as check dams, sediment traps, and riprap are provided at the discharge points of all dewatering devices, and
- (f) Sediment removed from the dewatering treatment devices described in Item (c) above is disposed of in a manner that does not cause deposition of sediment into waters of the United States.

# NCG01 SELF-INSPECTION, RECORDKEEPING AND REPORTING

### CONCRETE WASHOUTS

- 1. Do not discharge concrete or cement slurry from the site.
- Dispose of, or recycle settled, hardened concrete residue in accordance with local and state solid waste regulations and at an approved facility.
   Manage washout from mortar mixers in accordance with the above item and in
- addition place the mixer and associated materials on impervious barrier and within lot perimeter silt fence.4. Install temporary concrete washouts per local requirements, where applicable. If an
- alternate method or product is to be used, contact your approval authority for review and approval. If local standard details are not available, use one of the two types of temporary concrete washouts provided on this detail.
- 5. Do not use concrete washouts for dewatering or storing defective curb or sidewalk sections. Stormwater accumulated within the washout may not be pumped into or discharged to the storm drain system or receiving surface waters. Liquid waste must be pumped out and removed from project.
- 6. Locate washouts at least 50 feet from storm drain inlets and surface waters unless it can be shown that no other alternatives are reasonably available. At a minimum, install protection of storm drain inlet(s) closest to the washout which could receive spills or overflow.
- Locate washouts in an easily accessible area, on level ground and install a stone entrance pad in front of the washout. Additional controls may be required by the approving authority.
- 8. Install at least one sign directing concrete trucks to the washout within the project limits. Post signage on the washout itself to identify this location.
- 9. Remove leavings from the washout when at approximately 75% capacity to limit overflow events. Replace the tarp, sand bags or other temporary structural components when no longer functional. When utilizing alternative or proprietary products, follow manufacturer's instructions.
- 10. At the completion of the concrete work, remove remaining leavings and dispose of in an approved disposal facility. Fill pit, if applicable, and stabilize any disturbance caused by removal of washout.

### HERBICIDES, PESTICIDES AND RODENTICIDES

- Store and apply herbicides, pesticides and rodenticides in accordance with label restrictions.
   Store herbicides, pesticides and rodenticides in their original containers with the label which lists directions for use, ingradiants and first aid store in gase of
- label, which lists directions for use, ingredients and first aid steps in case of accidental poisoning.3. Do not store herbicides, pesticides and rodenticides in areas where flooding is
- possible or where they may spill or leak into wells, stormwater drains, ground water or surface water. If a spill occurs, clean area immediately.4. Do not stockpile these materials onsite.

### HAZARDOUS AND TOXIC WASTE

- . Create designated hazardous waste collection areas on-site.
- Place hazardous waste containers under cover or in secondary containment.
   Do not store hazardous chemicals, drums or bagged materials directly on the ground.

NDLING EFFECTIVE: 04/01/19
PART III
SELF-INSPECTION, RECORD KEEPING AND REPORTING

### SECTION C: REPORTING 1. Occurrences that Must be Reported

Permittees shall report the following occurrences:

(a) Visible sediment deposition in a stream or wetland.

(b) Oil spills if:

environment.

- They are 25 gallons or more,
- They are less than 25 gallons but cannot be cleaned up within 24 hours,
  They cause sheen on surface waters (regardless of volume), or
- They are within 100 feet of surface waters (regardless of volume), of
- They are wrann 100 reer of surface waters (regulatess of volume
- (c) Releases of hazardous substances in excess of reportable quantities under Section 311 of the Clean Water Act (Ref: 40 CFR 110.3 and 40 CFR 117.3) or Section 102 of CERCLA (Ref: 40 CFR 302.4) or G.S. 143-215.85.

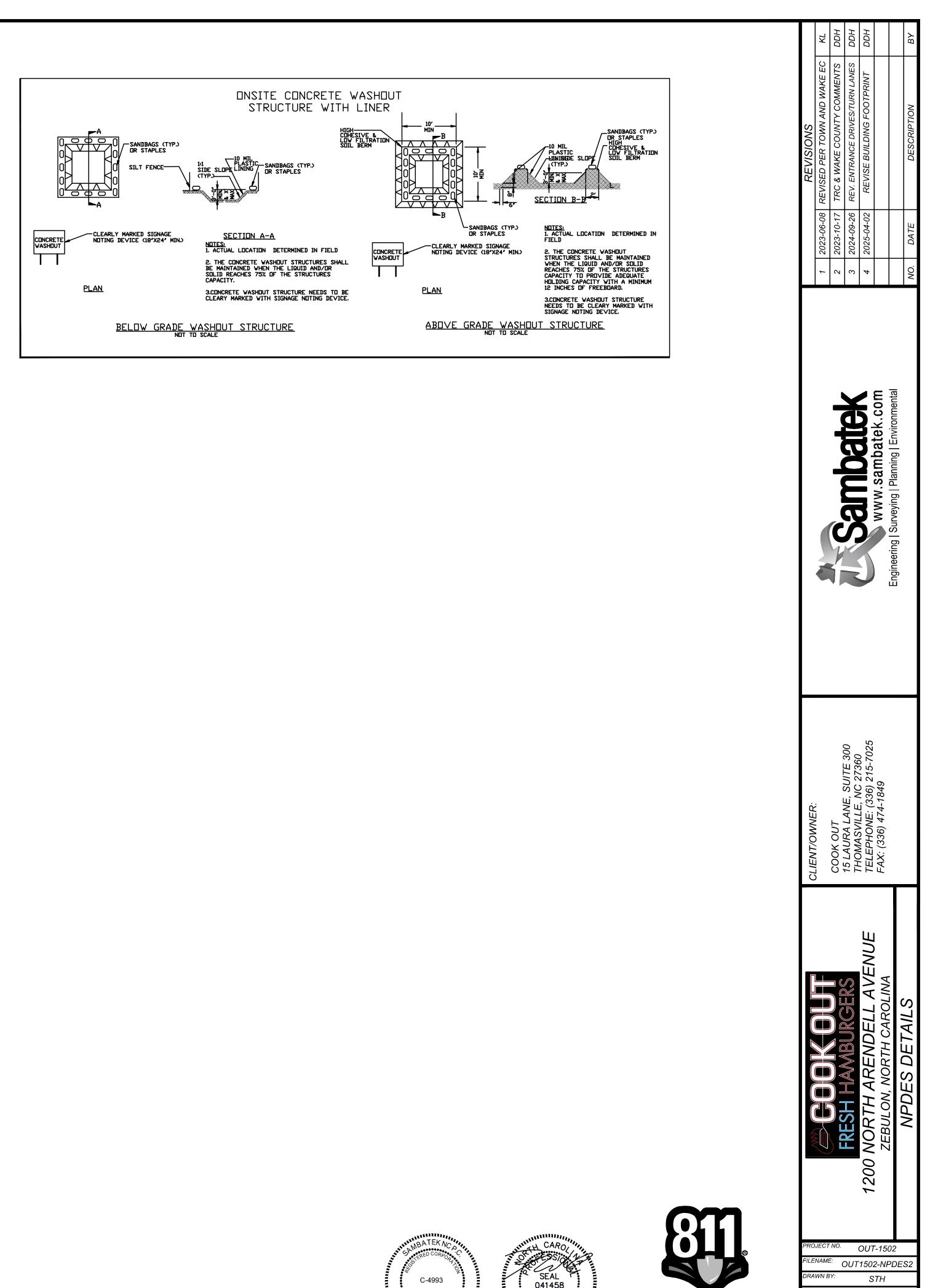
### (d) Anticipated bypasses and unanticipated bypasses.

(e) Noncompliance with the conditions of this permit that may endanger health or the

### . Reporting Timeframes and Other Requirements

After a permittee becomes aware of an occurrence that must be reported, he shall contact<br/>the appropriate Division regional office within the timeframes and in accordance with the<br/>other requirements listed below. Occurrences outside normal business hours may also be<br/>reported to the Department's Environmental Emergency Center personnel at (800)<br/>858-0368.OccurrenceReporting Timeframes (After Discovery) and Other Requirements<br/>(a) Visible sedimentWithin 24 hours, an oral or electronic notification.

deposition in a stream or wetland	<ul> <li>Within 7 calendar days, a report that contains a description of the sediment and actions taken to address the cause of the deposition. Division staff may waive the requirement for a written report on a case-by-case basis.</li> <li>If the stream is named on the NC 303(d) list as impaired for sediment-related causes, the permittee may be required to perform additional monitoring, inspections or apply more stringent practices if staff determine that additional requirements are needed to assure compliance with the federal or state impaired-waters conditions.</li> </ul>
(b) Oil spills and	• Within 24 hours, an oral or electronic notification. The notification
release of	shall include information about the date, time, nature, volume and
hazardous	location of the spill or release.
substances per Item	
1(b)-(c) above	A second state of the first state of the first state of the second
(c) Anticipated bypasses [40 CFR	<ul> <li>A report at least ten days before the date of the bypass, if possible.</li> <li>The report shall include an evolution of the apticipated evolution and</li> </ul>
122.41(m)(3)]	The report shall include an evaluation of the anticipated quality and
	effect of the bypass.
(d) Unanticipated bypasses [40 CFR	Within 24 hours, an oral or electronic notification.
122.41(m)(3)]	Within 7 calendar days, a report that includes an evaluation of the     multiplicated offset of the human
(e) Noncompliance	<ul> <li>quality and effect of the bypass.</li> <li>Within 24 hours, an oral or electronic notification.</li> </ul>
with the conditions	
of this permit that	<ul> <li>Within 7 calendar days, a report that contains a description of the noncompliance, and its causes; the period of noncompliance,</li> </ul>
may endanger	including exact dates and times, and if the noncompliance has not
health or the	been corrected, the anticipated time noncompliance is expected to
environment[40	continue; and steps taken or planned to reduce, eliminate, and
CFR 122.41(I)(7)]	prevent reoccurrence of the noncompliance. [40 CFR 122.41(I)(6).
	• Division staff may waive the requirement for a written report on a
	case-by-case basis.
	•

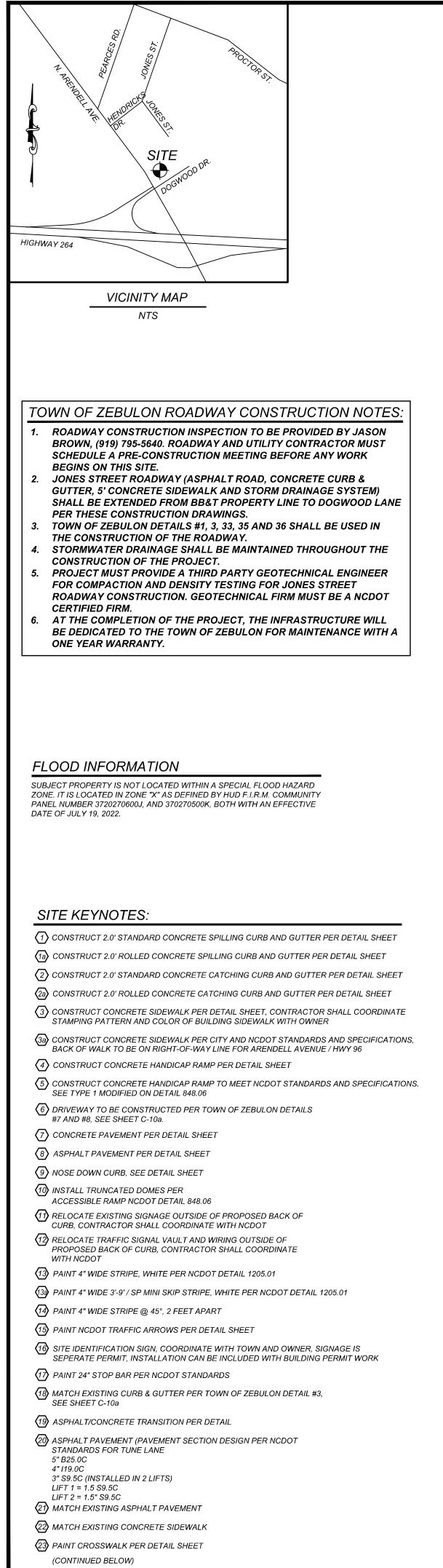


Know what's below. Call before you dig. nc811.org or 1-800-632-4949

N.T.S.

07-06-2022

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Know what's below. Call before you dig. 811 or 800-632-4949

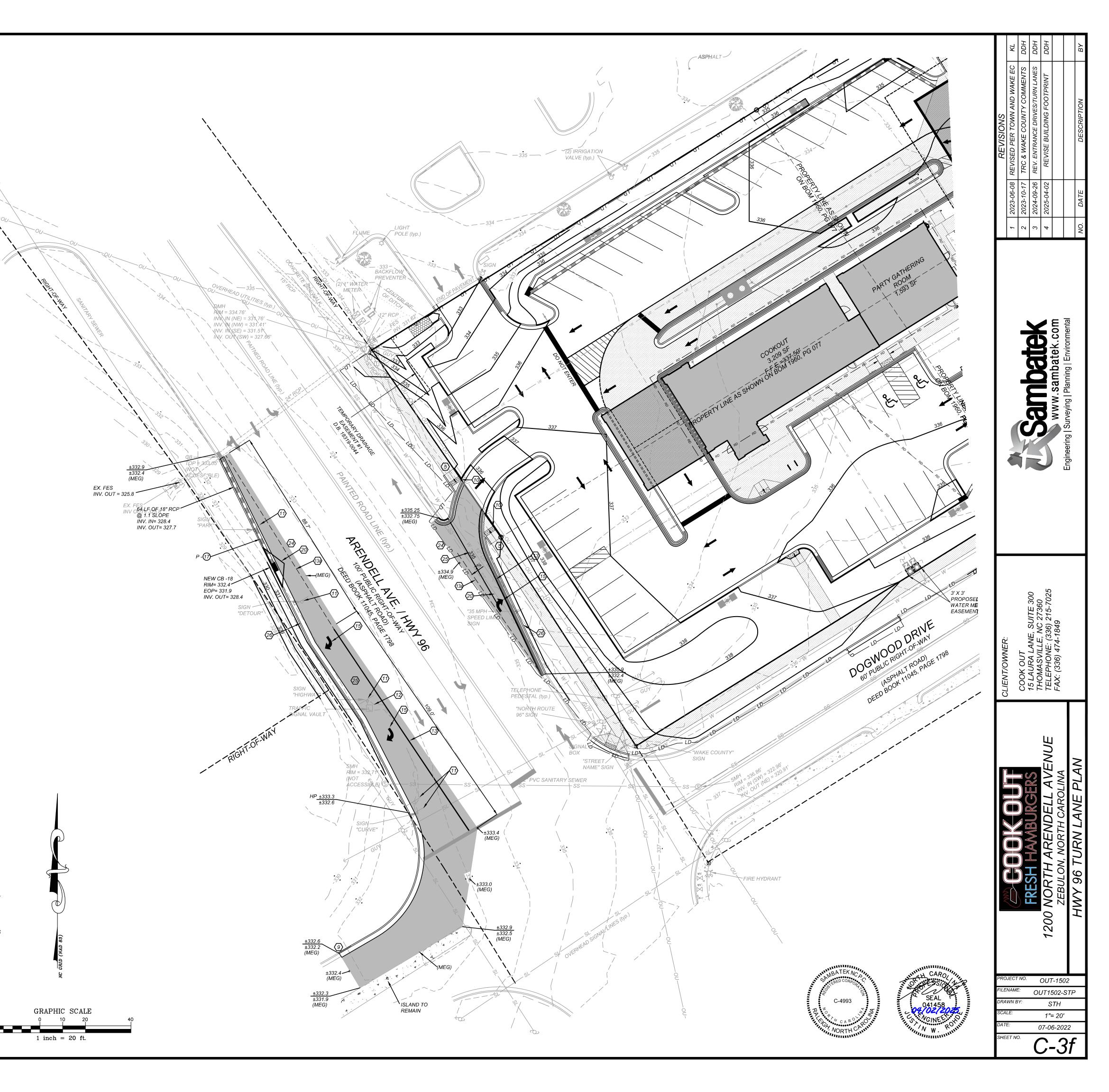
SI	SITE LEGEND					
	SPILL CURB					
	HANDICAP RAMP					
	CONCRETE					
	PROPERTY LINE					
<u> </u>	SIGN					
٠	BOLLARD					
ЪС.	EX. FIRE HYDRANT					
—x—x—	- FENCE					
<b>O</b>	POLE MOUNTED AREA LIGHT					
۲	PROPERTY CORNER					
F.F.E. = XXX.XX	FINISH FLOOR ELEVATION					
	EXISTING CONTOURS					
	PROPOSED CONTOURS					

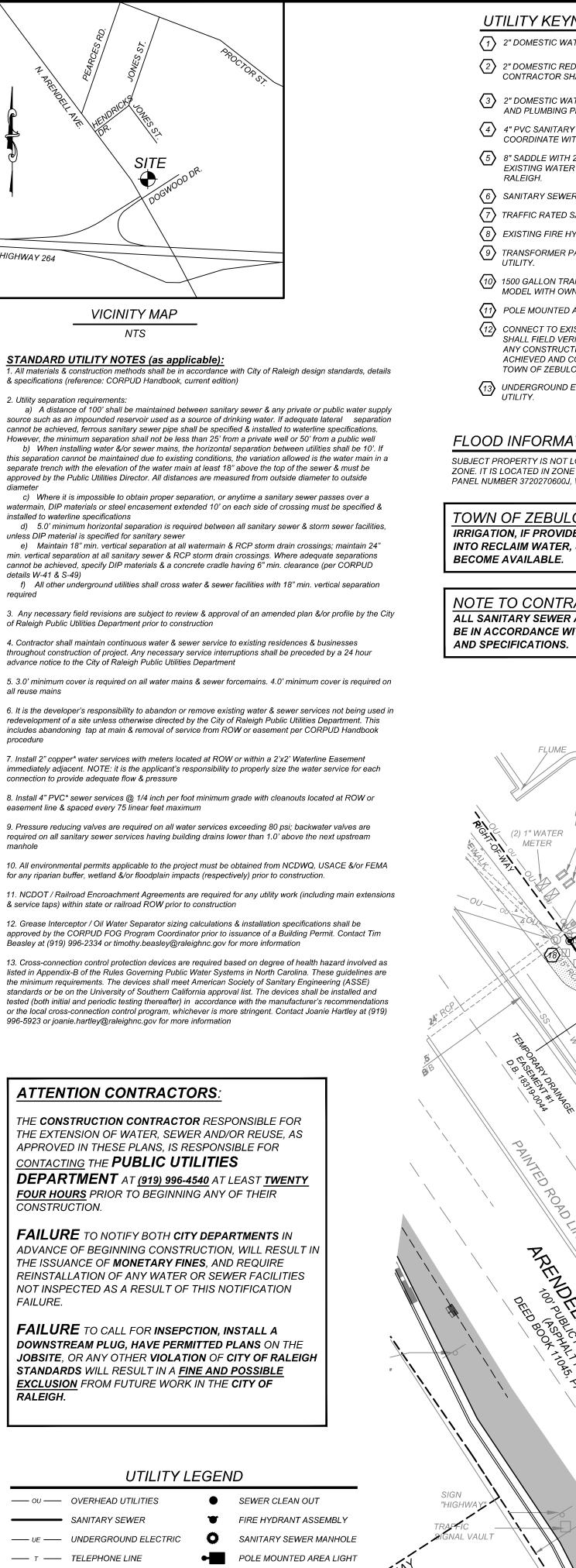
## SITE KEYNOTES (cont):

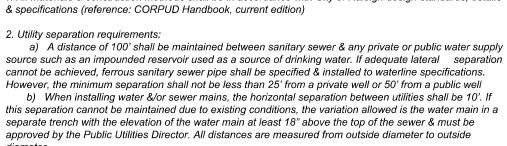
A MATCH EXISTING ASPHALT PAVEMENT, CONTRACTOR SHALL MILL AND REPLACE 1' FROM EXISTING EDGE OF PAVEMENT, FOR A DEPTH OF 1.5", TO TIE-IN ROAD WIDENING ADJACENT TO HWY 96

B RIGHT TURN LANE PER NCDOT STANDARDS AND SPECIFICATIONS

26 2'-6" STANDARD CURB AND GUTTER PER NCDOT DETAIL 846.01







HIGHWAY 264

diameter c) Where it is impossible to obtain proper separation, or anytime a sanitary sewer passes over a watermain, DIP materials or steel encasement extended 10' on each side of crossing must be specified & installed to waterline specifications

unless DIP material is specified for sanitary sewer e) Maintain 18" min. vertical separation at all watermain & RCP storm drain crossings; maintain 24" min. vertical separation at all sanitary sewer & RCP storm drain crossings. Where adequate separations cannot be achieved, specify DIP materials & a concrete cradle having 6" min. clearance (per CORPUD details W-41 & S-49)

reauired 3. Any necessary field revisions are subject to review & approval of an amended plan &/or profile by the City

of Raleigh Public Utilities Department prior to construction 4. Contractor shall maintain continuous water & sewer service to existing residences & businesses

advance notice to the City of Raleigh Public Utilities Department

all reuse mains

6. It is the developer's responsibility to abandon or remove existing water & sewer services not being used in redevelopment of a site unless otherwise directed by the City of Raleigh Public Utilities Department. This includes abandoning tap at main & removal of service from ROW or easement per CORPUD Handbook procedure

7. Install 2" copper\* water services with meters located at ROW or within a 2'x2' Waterline Easement immediately adjacent. NOTE: it is the applicant's responsibility to properly size the water service for each connection to provide adequate flow & pressure

easement line & spaced every 75 linear feet maximum

9. Pressure reducing valves are required on all water services exceeding 80 psi; backwater valves are required on all sanitary sewer services having building drains lower than 1.0' above the next upstream manhole

10. All environmental permits applicable to the project must be obtained from NCDWQ, USACE &/or FEMA for any riparian buffer, wetland &/or floodplain impacts (respectively) prior to constructio

11. NCDOT / Railroad Encroachment Agreements are required for any utility work (including main extensions & service taps) within state or railroad ROW prior to construction

12. Grease Interceptor / Oil Water Separator sizing calculations & installation specifications shall be approved by the CORPUD FOG Program Coordinator prior to issuance of a Building Permit. Contact Tim Beasley at (919) 996-2334 or timothy beasley@raleighnc.gov for more information

13. Cross-connection control protection devices are required based on degree of health hazard involved as listed in Appendix-B of the Rules Governing Public Water Systems in North Carolina. These guidelines are the minimum requirements. The devices shall meet American Society of Sanitary Engineering (ASSE) standards or be on the University of Southern California approval list. The devices shall be installed and tested (both initial and periodic testing thereafter) in accordance with the manufacturer's recommendations or the local cross-connection control program, whichever is more stringent. Contact Joanie Hartley at (919) 996-5923 or joanie.hartley@raleighnc.gov for more information

## **ATTENTION CONTRACTORS:**

THE CONSTRUCTION CONTRACTOR RESPONSIBLE FOR THE EXTENSION OF WATER, SEWER AND/OR REUSE, AS APPROVED IN THESE PLANS, IS RESPONSIBLE FOR

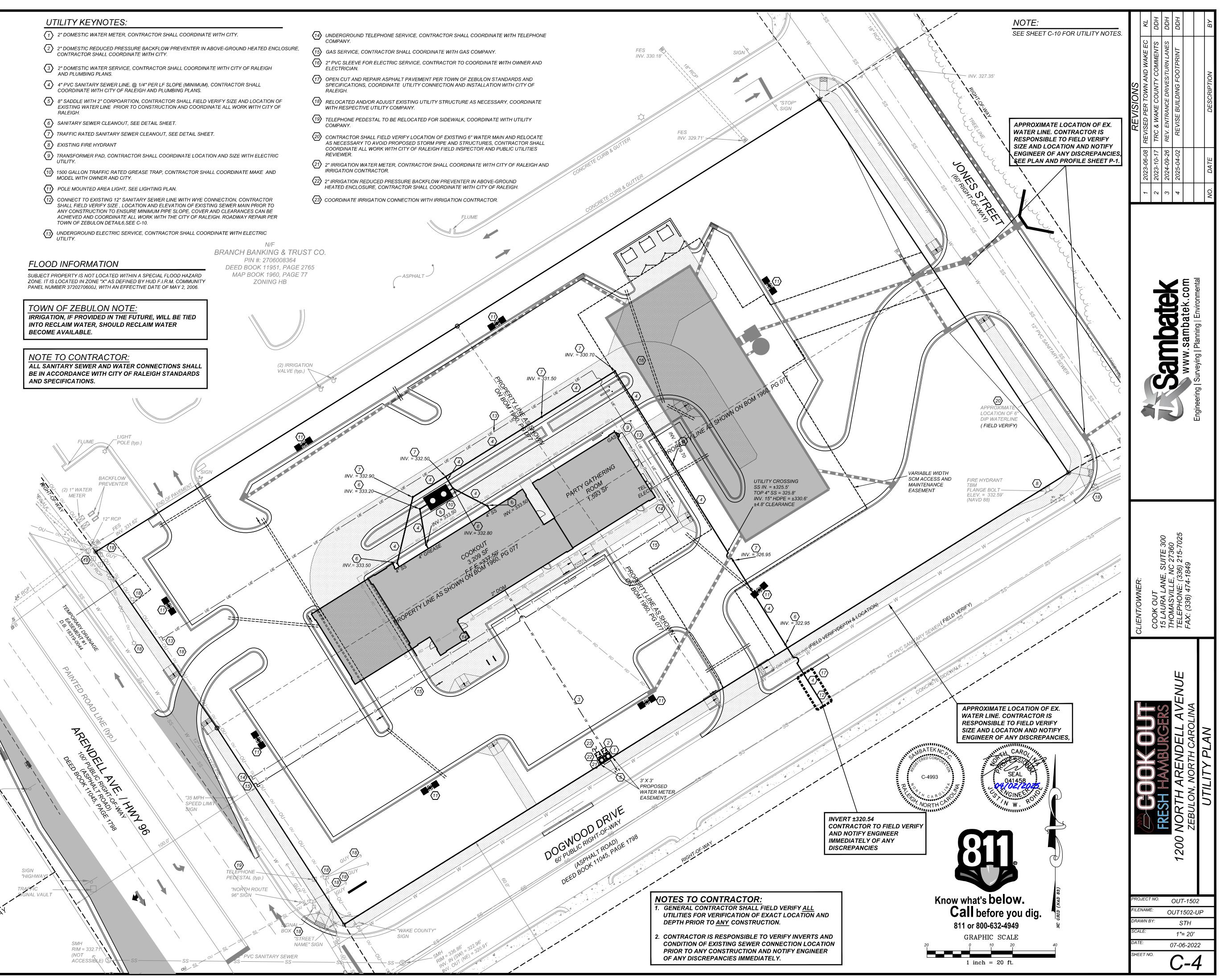
DEPARTMENT AT (919) 996-4540 AT LEAST TWENTY FOUR HOURS PRIOR TO BEGINNING ANY OF THEIR CONSTRUCTION.

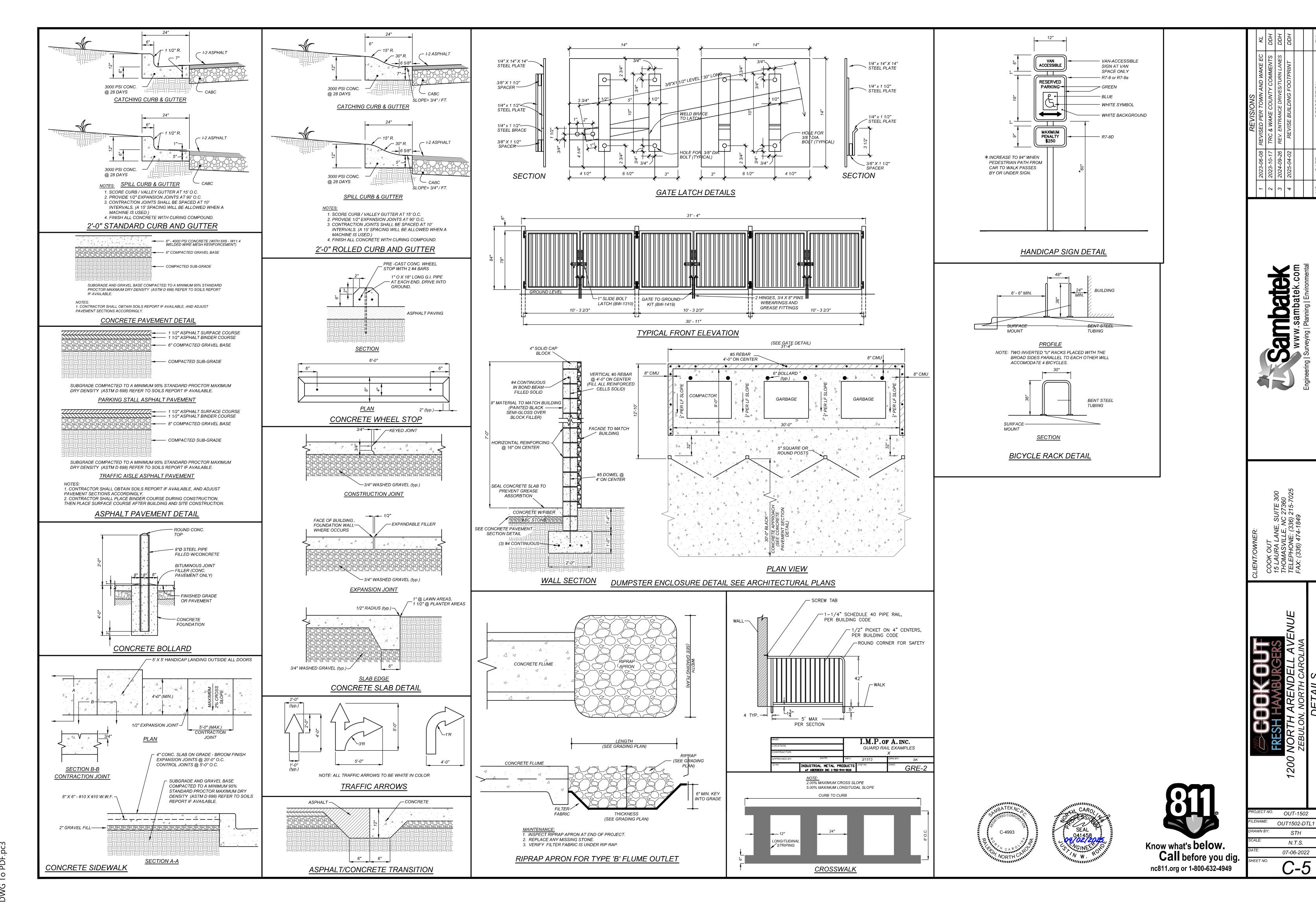
FAILURE TO NOTIFY BOTH CITY DEPARTMENTS IN ADVANCE OF BEGINNING CONSTRUCTION, WILL RESULT IN THE ISSUANCE OF **MONETARY FINES**, AND REQUIRE REINSTALLATION OF ANY WATER OR SEWER FACILITIES NOT INSPECTED AS A RESULT OF THIS NOTIFICATION FAILURE.

FAILURE TO CALL FOR INSEPCTION, INSTALL A DOWNSTREAM PLUG, HAVE PERMITTED PLANS ON THE JOBSITE, OR ANY OTHER VIOLATION OF CITY OF RALEIGH **STANDARDS** WILL RESULT IN A **<u>FINE AND POSSIBLE</u>** EXCLUSION FROM FUTURE WORK IN THE CITY OF RALEIGH.

		OTETTEE		
c		OVERHEAD UTILITIES	•	SEWER CLEAN OUT
		SANITARY SEWER	¥	FIRE HYDRANT ASSEM
—— U	IE ——	UNDERGROUND ELECTRIC	0	SANITARY SEWER MAI
<u> </u>	т —	TELEPHONE LINE	•	POLE MOUNTED AREA
(	G <u> </u>	GAS LINE		WATER METER
<u> </u>	N ——	WATER LINE		BACKFLOW PREVENTE
		ELECTRIC SERVICE SLEEVE 2" PVC, COORDINATE	•	SIAMESE CONNECTION
		WITH ELECTRICAL CONTRACTOR	M	WATER VALVE
	•	UTILITY POLE	••	GREASE TRAP

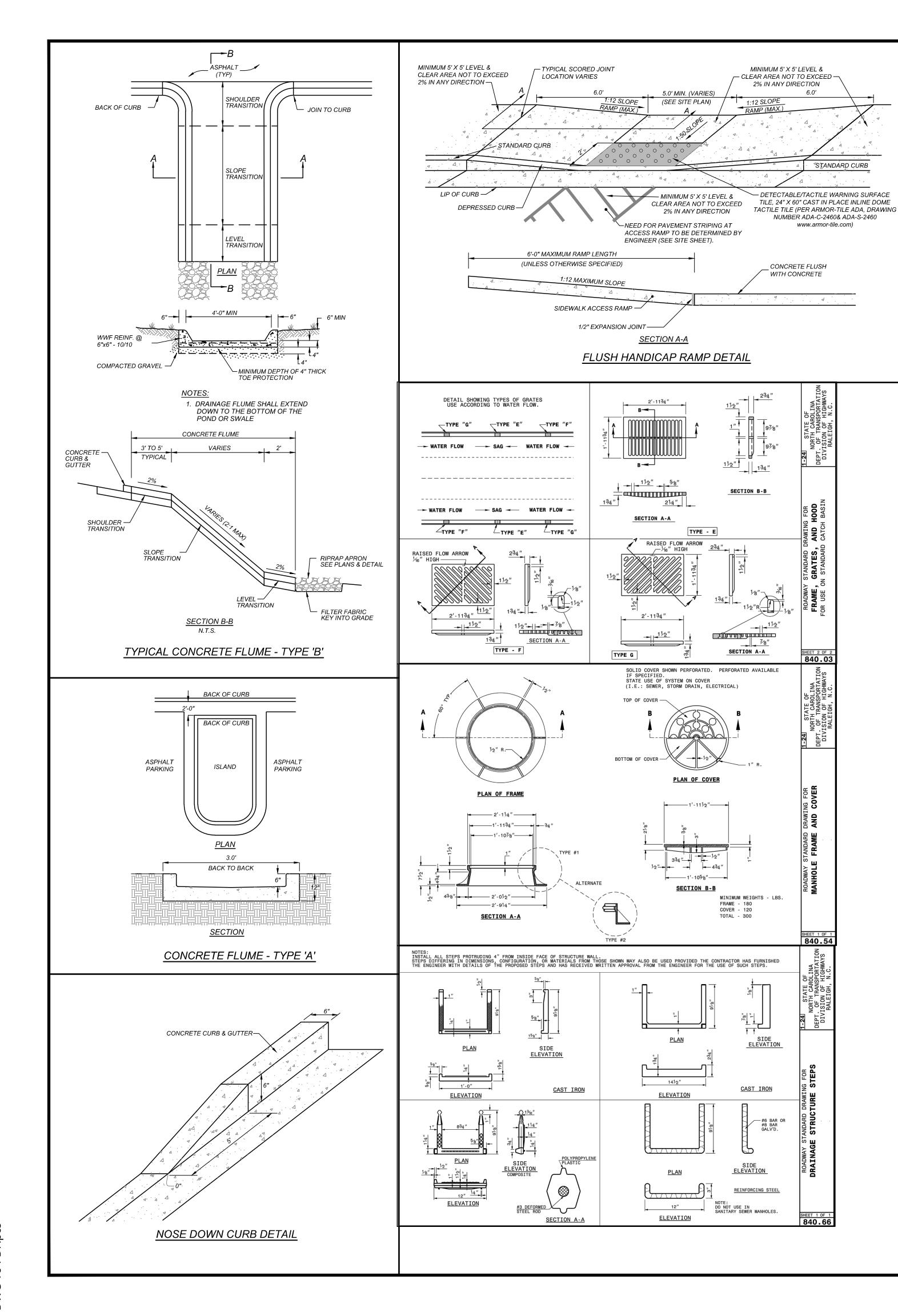
TOWN OF ZEBULON NOTE: INTO RECLAIM WATER, SHOULD RECLAIM WATER

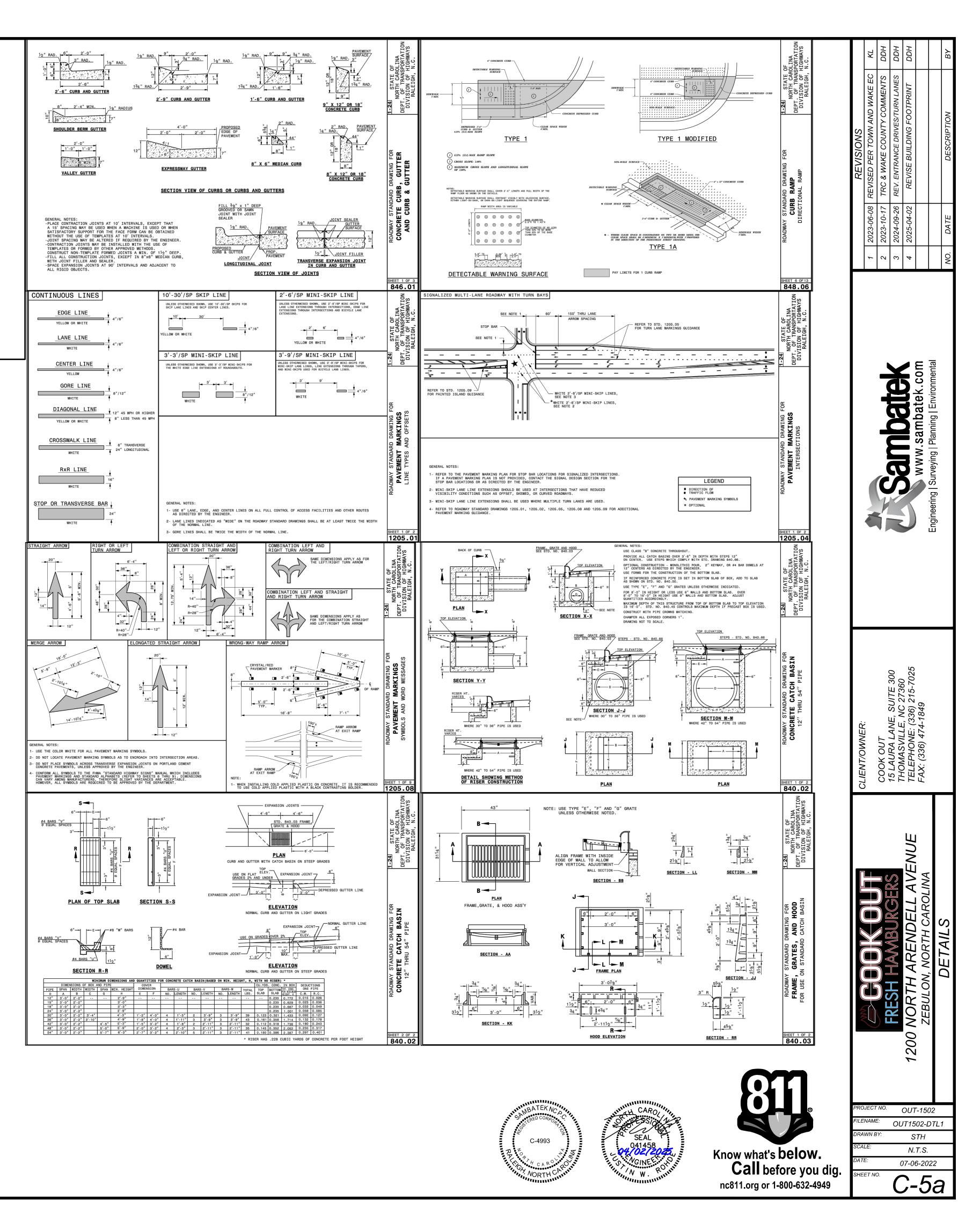


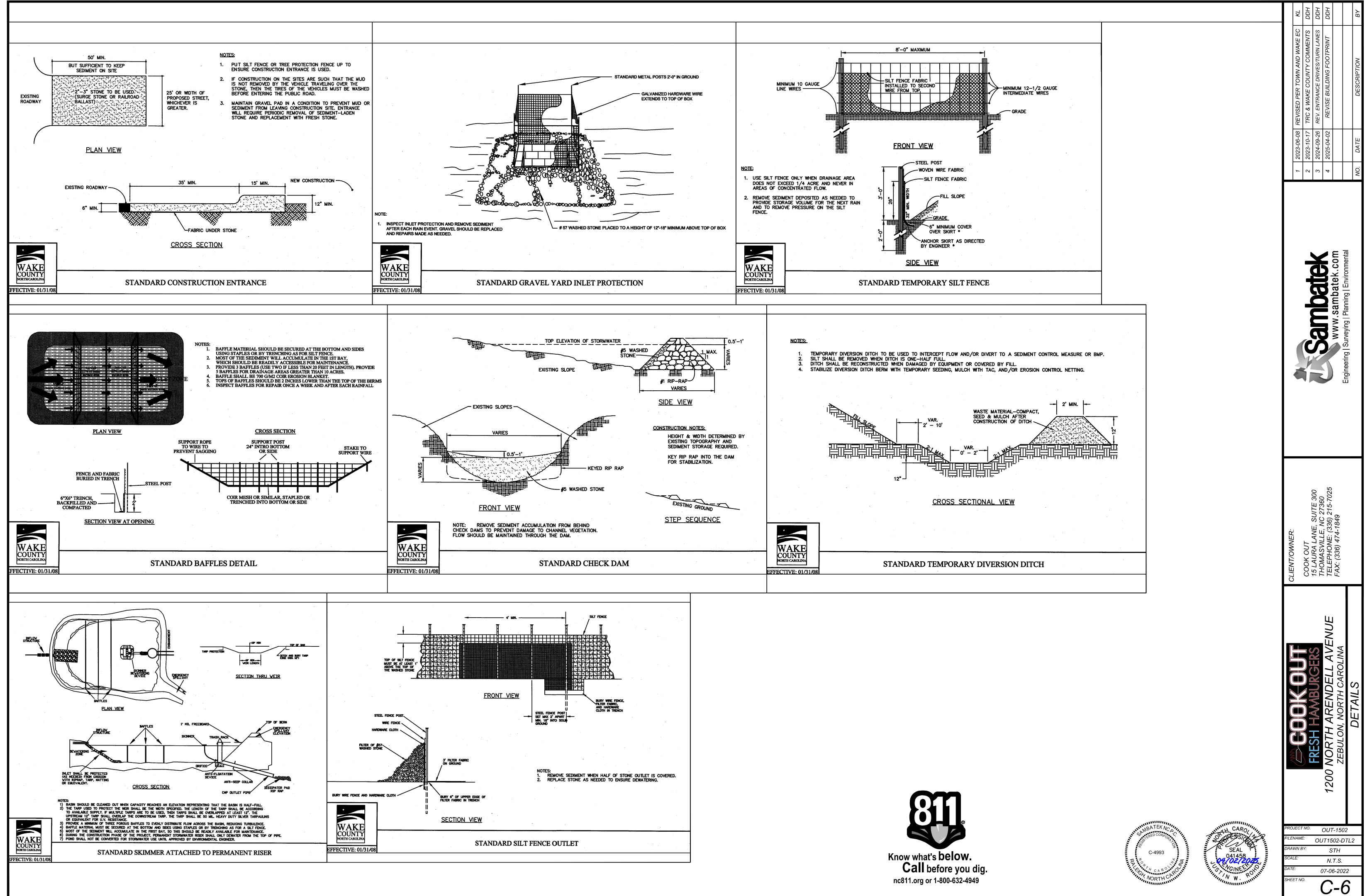


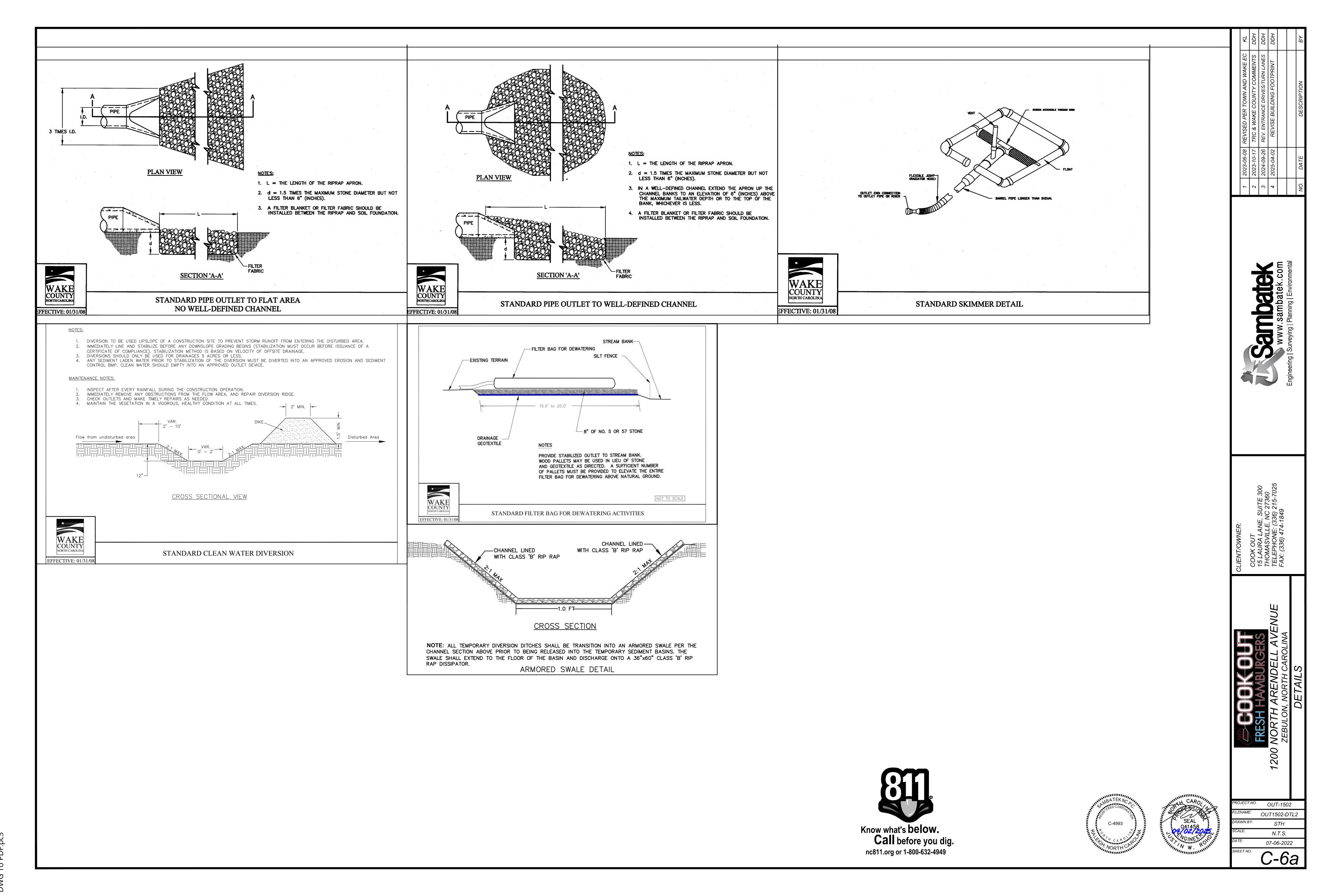
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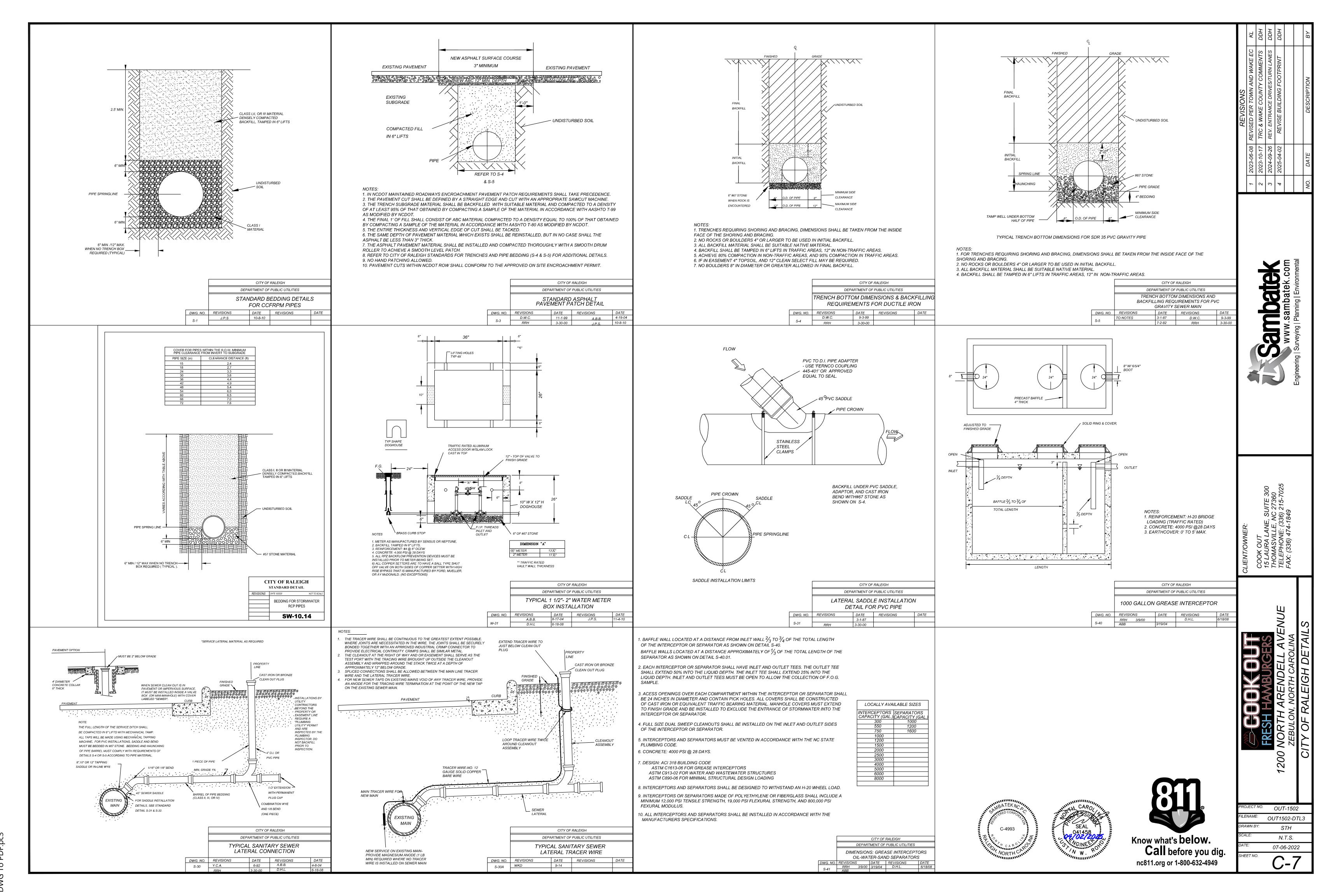
PM,

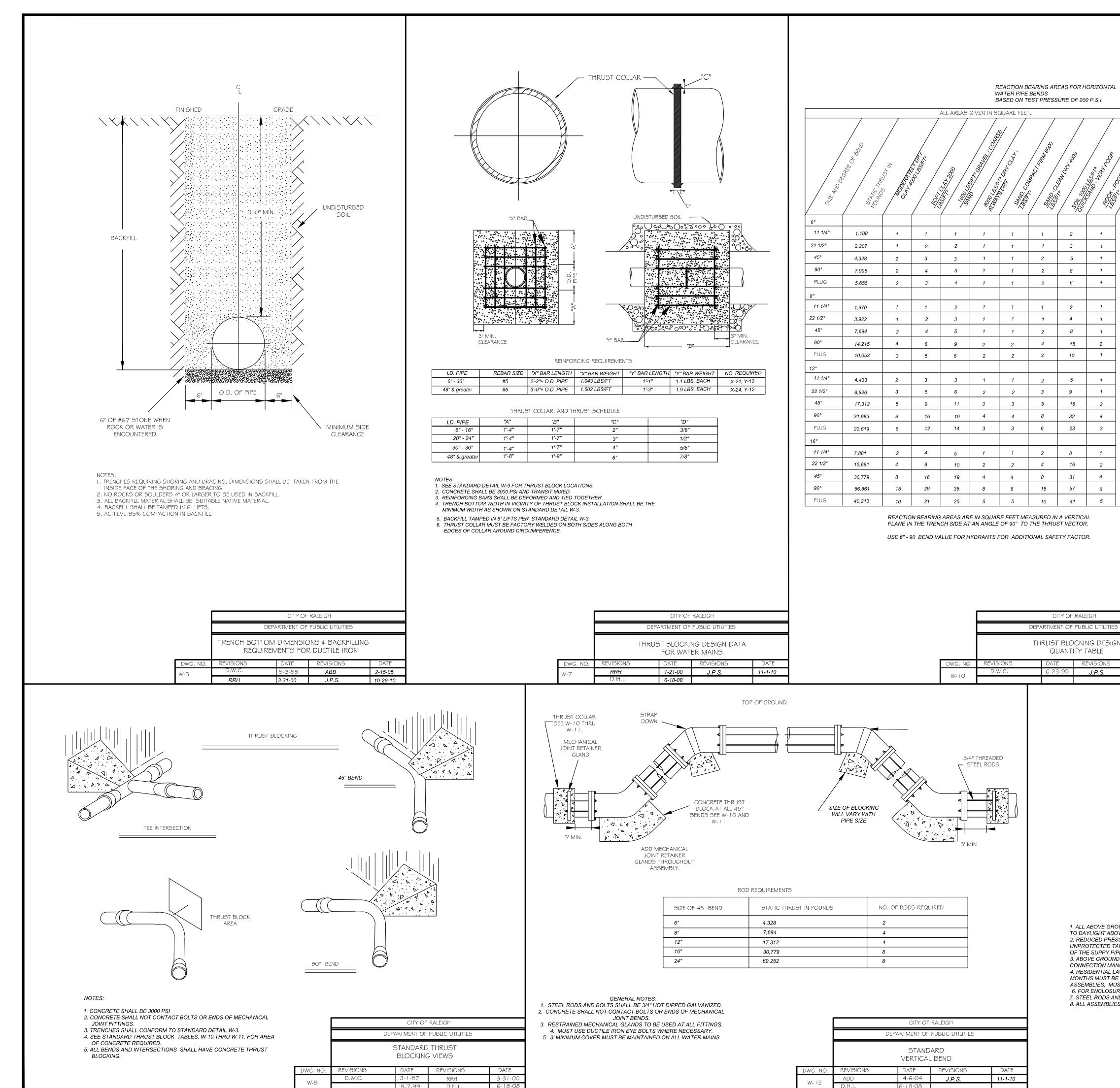












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> REACTION BEARING AREAS ARE IN SQUARE FEET MEASURED IN A VERTICAL PLANE IN THE TRENCH SIDE AT AN ANGLE OF 90° TO THE THRUST VECTOR. USE 6" - 90 BEND VALUE FOR HYDRANTS FOR ADDITIONAL SAFETY FACTOR.

CITY OF RALEIGH

DEPARTMENT OF PUBLIC UTILITIES

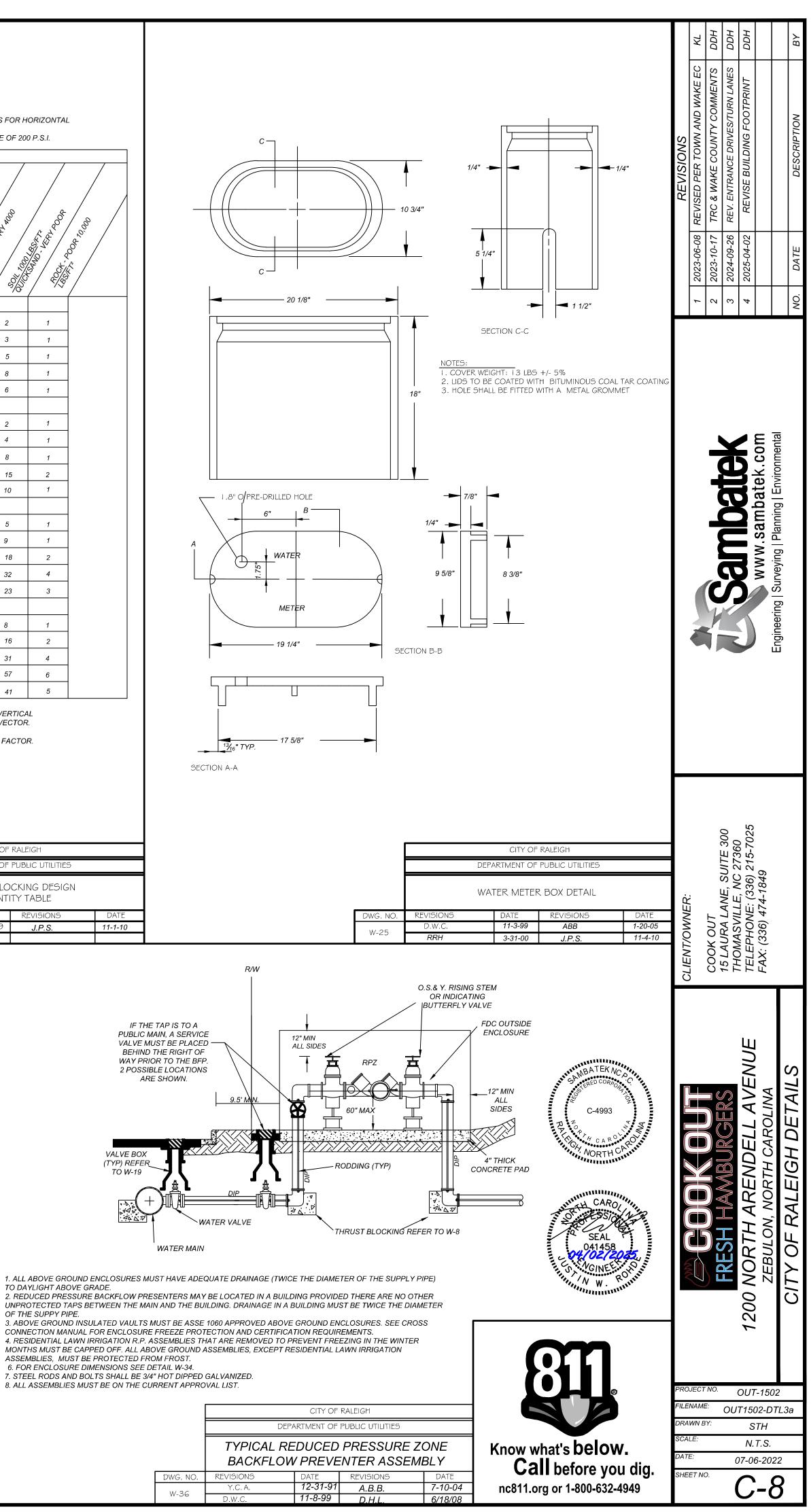
THRUST BLOCKING DESIGN

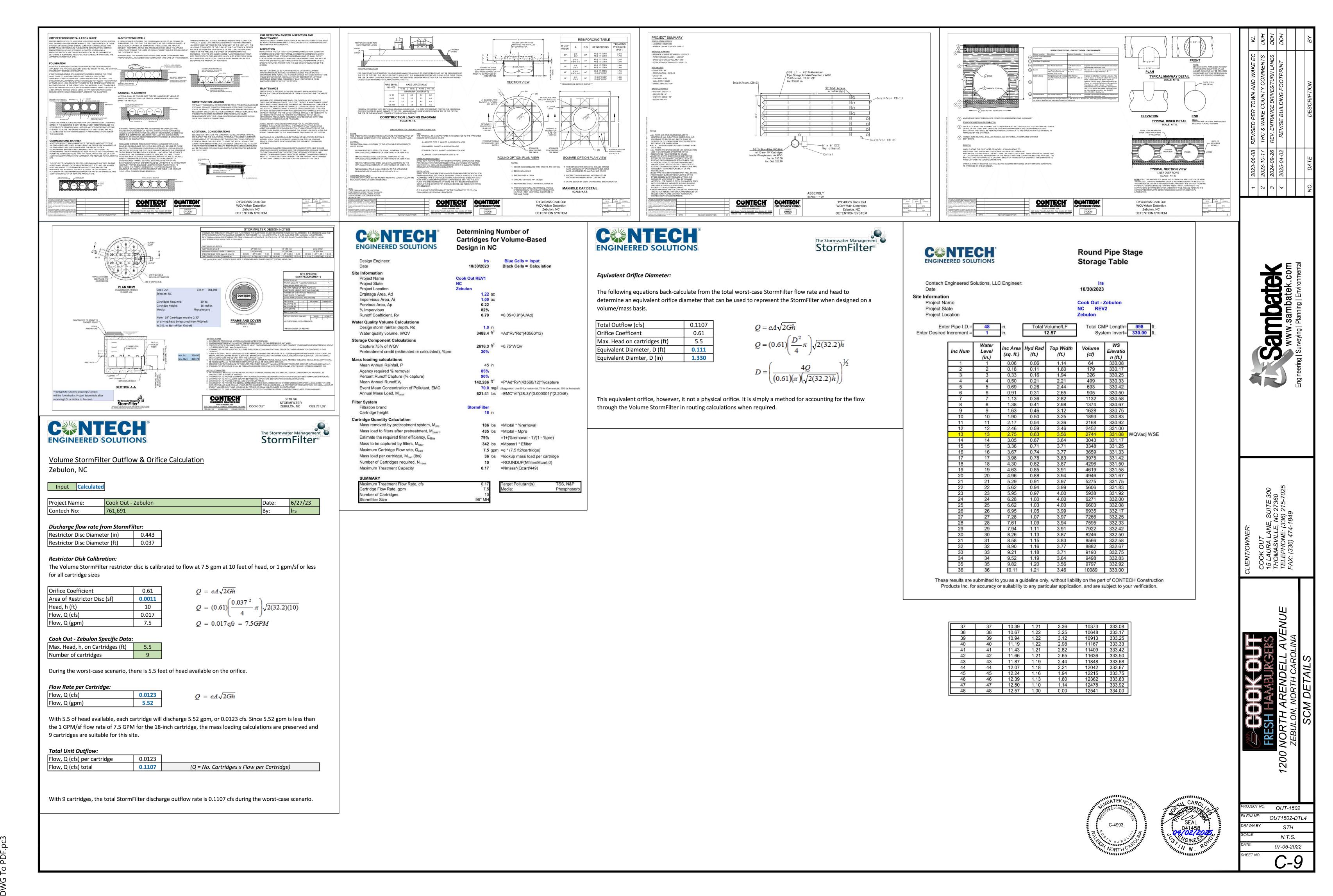
QUANTITY TABLE

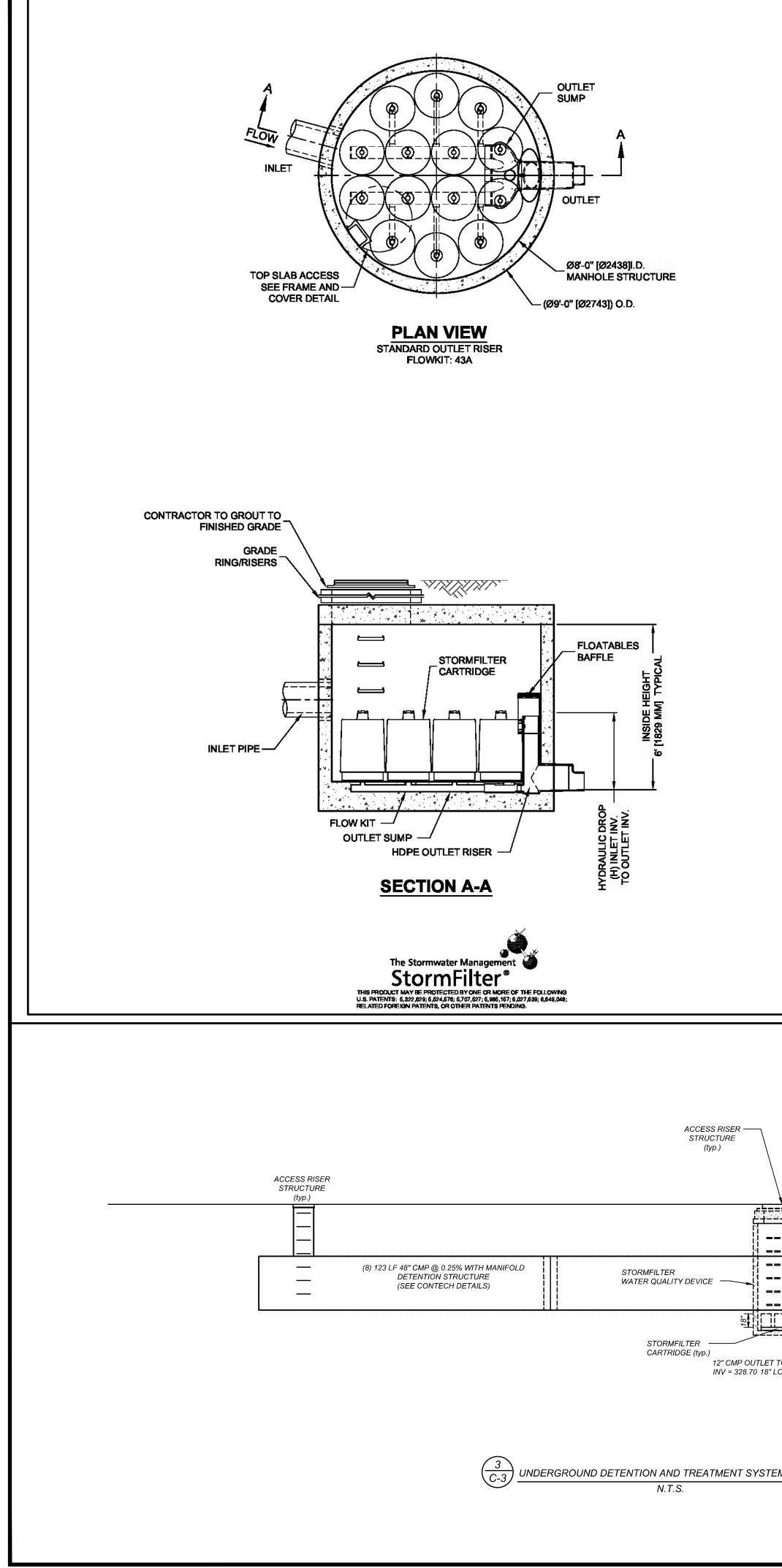
DATE REVISIONS

6-23-99 J.P.S.

TO DAYLIGHT ABOVE GRADE. OF THE SUPPY PIPE. ASSEMBLIES, MUST BE PROTECTED FROM FROST. 6. FOR ENCLOSURE DIMENSIONS SEE DETAIL W-34.







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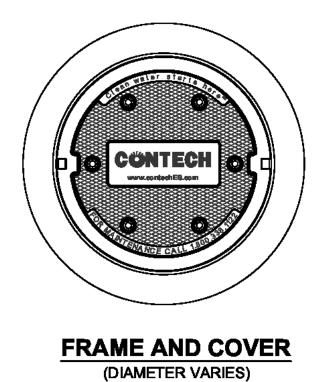
## STORMFILTER DESIGN NOTES

STORMFILTER TREATMENT CAPACITY IS A FUNCTION OF THE CARTRIDGE SELECTION AND THE NUMBER OF CARTRIDGES. THE STANDARD MANHOLE STYLE IS SHOWN WITH THE MAXIMUM NUMBER OF CARTRIDGES (14). VOLUME SYSTEM IS ALSO AVAILABLE WITH MAXIMUM 14 CARTRIDGES. Ø8'-0" [2438 mm] MANHOLE STORMFILTER PEAK HYDRAULIC CAPACITY IS 1.8 CFS [51 L/s] . IF THE SITE CONDITIONS EXCEED 1.8 CFS [51 L/s] AN UPSTREAM BYPASS STRUCTURE IS REQUIRED.

### CARTRIDGE SELECTION

CARTRIDGE HEIGHT		27" [686 mm]	[686 mm] 18" [458 mm]					LOW DROP			
RECOMMENDED HYDRAULIC DROP (H)	3.05' [930 mm] 2.3' [700 mm]			2.3' [700 mm]				1.8' [550 mm]			
SPECIFIC FLOW RATE (gpm/sf) [L/s/m <sup>2</sup> ]	2 [1.30]	1.67* [1.08]	1 [0.65]	2 [1.30]	1.67* [1.08]	1 [0.65]	2 [1.30]	1.67* [1.08]	1 [0.65]		
CARTRIDGE FLOW RATE (gpm) [L/s]	22.5 [1.42]	18.79 [1.19]	11.25 [0.71]	15 [0.95]	12.53 [0.79]	7.5 [0.44]	10 [0.63]	8.35 [0.54]	5 [0.32]		
* 1.67 apprint [1.09   /a/m <sup>2</sup> ] SDECIEIC ELOW DAT											

1.67 gpm/sf [1.08 L/s/m<sup>2</sup>] SPECIFIC FLOW RATE IS APPROVED WITH PHOSPHOSORB<sup>®</sup> (PSORB) MEDIA ONLY



N.T.S.

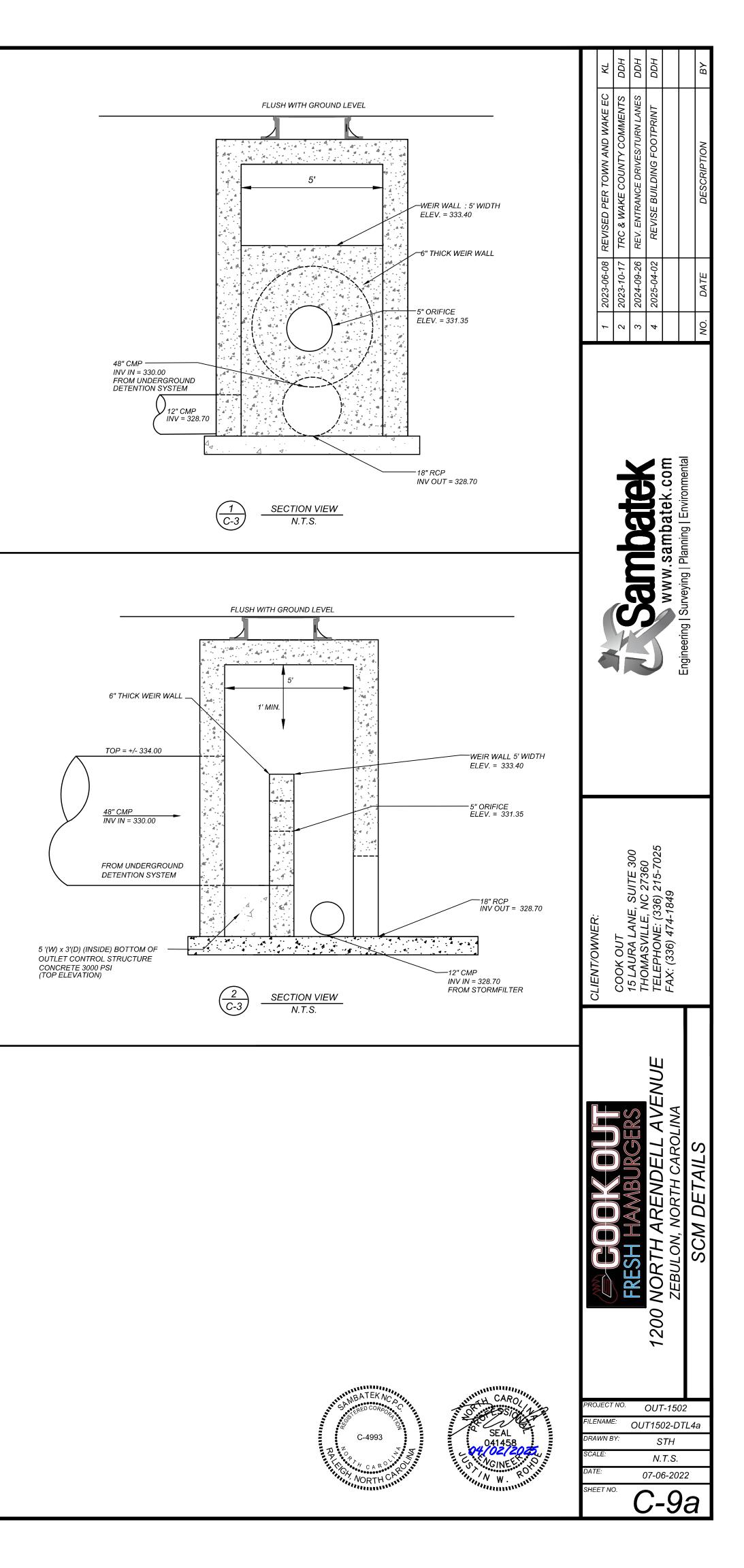
SITE SPECIFIC DATA REQUIREMENTS STRUCTURE ID WATER QUALITY FLOW RATE (cfs) [L/s] PEAK FLOW RATE (cfs) [L/s] RETURN PERIOD OF PEAK FLOW (yrs) CARTRIDGE HEIGHT (SEE TABLE ABOVE) NUMBER OF CARTRIDGES REQUIRED CARTRIDGE FLOW RATE MEDIA TYPE (PERLITE, ZPG, PSORB) I.E. MATERIAL DIAMETER PIPE DATA: INLET PIPE #1 \* \* \* INLET PIPE #2 \* \* OUTLET PIPE \* \* \* **RIM ELEVATION** ANTI-FLOTATION BALLAST WIDTH HEIGHT \* \* NOTES/SPECIAL REQUIREMENTS:

\* PER ENGINEER OF RECORD

- GENERAL NOTES 1. CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
- 2. DIMENSIONS MARKED WITH ( ) ARE REFERENCE DIMENSIONS. ACTUAL DIMENSIONS MAY VARY.
- 3. FOR SITE SPECIFIC DRAWINGS WITH DETAILED VAULT DIMENSIONS AND WEIGHTS, PLEASE CONTACT YOUR CONTECH ENGINEERED SOLUTIONS LLC REPRESENTATIVE. www.ContechES.com
- 4. STORMFILTER WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING.
- 5. STRUCTURE SHALL MEET AASHTO HS-20 LOAD RATING, ASSUMING EARTH COVER OF 0' 5' [1524 mm] AND GROUNDWATER ELEVATION AT, OR BELOW, THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION. CASTINGS SHALL MEET AASHTO M306 AND BE CAST WITH THE CONTECH LOGO.
- 6. FILTER CARTRIDGES SHALL BE MEDIA-FILLED, PASSIVE, SIPHON ACTUATED, RADIAL FLOW, AND SELF CLEANING. RADIAL MEDIA DEPTH SHALL BE 7-INCHES [178 mm]. FILTER MEDIA CONTACT TIME SHALL BE AT LEAST 38 SECONDS.
- 7. SPECIFIC FLOW RATE IS EQUAL TO THE FILTER TREATMENT CAPACITY (gpm) [L/s] DIVIDED BY THE FILTER CONTACT SURFACE AREA (sq ft)[m<sup>2</sup>]. 8. STORMFILTER STRUCTURE SHALL BE PRECAST CONCRETE CONFORMING TO ASTM C-478 AND AASHTO LOAD FACTOR DESIGN METHOD.

- INSTALLATION NOTES A. ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
- B. CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE STORMFILTER STRUCTURE. C. CONTRACTOR TO INSTALL JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS AND ASSEMBLE STRUCTURE. D. CONTRACTOR TO PROVIDE, INSTALL, AND GROUT INLET PIPE(S).
- E. CONTRACTOR TO PROVIDE AND INSTALL CONNECTOR TO THE OUTLET RISER STUB. STORMFILTER EQUIPPED WITH A DUAL DIAMETER HDPE OUTLET STUB AND SAND COLLAR. IF OUTLET PIPE IS LARGER THAN 8 INCHES [200 mm], CONTRACTOR TO REMOVE THE 8 INCH [200 mm] OUTLET STUB AT MOLDED-IN CUT LINE. COUPLING BY FERNCO OR EQUAL AND PROVIDED BY CONTRACTOR.
- F. CONTRACTOR TO TAKE APPROPRIATE MEASURES TO PROTECT CARTRIDGES FROM CONSTRUCTION-RELATED EROSION RUNOFF.

	EN			STORM	/H96 /FILTER RD DETAIL
O OCS DW DROP	INV. = 330.30'	ET TO STORMFILTER (TOP OF CARTRIDGES)	ACCESS RISE STRUCTURE		



SITE PLAN GENERAL NOTES
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- THE INFORMATION SHOWN HEREIN WAS TAKEN FROM A TOPOGRAPHIC SURVEY PREPARED BY: COMMERCIAL SITE DESIGN 8312 CREEDMOOR ROAD RALEIGH NORTH CAROLINA
- PHONE 919-848-6121; FAX 919-848-3745
- THE LOCATIONS OF ALL UTILITIES SHOWN ON THESE PLANS ARE BASED ON THE AVAILABLE INFORMATION. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF UTILITIES WITH THE UTILITY OWNERS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- ALL HANDICAP SITE FEATURES SHALL BE CONSTRUCTED TO MEET ALL FEDERAL, STATE AND LOCAL CODES.
- ANY DISCREPANCY IN THIS PLAN AND ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE OWNER PRIOR TO START OF CONSTRUCTION. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL SETBACKS, EASEMENTS, AND DIMENSIONS SHOWN HEREON BEFORE BEGINNING CONSTRUCTION.
- PRIOR TO STARTING CONSTRUCTION, THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION OF ANY ITEM SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED ALL PLANS AND ANY OTHER DOCUMENTATION FROM ALL OF THE PERMITTING AND ANY OTHER REGULATORY AUTHORITIES. FAILURE OF THE CONTRACTOR TO FOLLOW THIS PROCEDURE SHALL CAUSE THE CONTRACTOR TO ASSUME FULL RESPONSIBILITY FOR ANY SUBSEQUENT MODIFICATION OF THE WORK MANDATED BY ANY REGULATORY AUTHORITY. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH PERMITS ISSUED AND APPLICABLE STATE, COUNTY AND LOCAL CODES.
- THE GENERAL CONTRACTOR SHALL CONTACT ALL OWNERS OF EASEMENTS, UTILITIES AND RIGHT-OF-WAYS, PUBLIC OR PRIVATE, PRIOR TO WORKING IN THESE AREAS.
- CONTRACTOR SHALL MAINTAIN THE SITE IN A MANNER SO THAT WORKMEN AND PUBLIC SHALL BE PROTECTED FROM INJURY, AND ADJOINING PROPERTY PROTECTED FROM DAMAGE.
- ACCESS TO UTILITIES, FIRE HYDRANTS, STREET LIGHTING, ETC., SHALL REMAIN UNDISTURBED, UNLESS COORDINATED WITH RESPECTIVE UTILITY.
- CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ANY EXISTING ITEM AND/OR MATERIAL INSIDE OR OUTSIDE CONTRACT LIMITS DUE TO CONSTRUCTION OPERATIONS.
- 10. ALL DIMENSIONS ARE TO THE FACE OF CURB, UNLESS OTHERWISE NOTED.
- 11. DO NOT SCALE THIS DRAWING AS IT IS A REPRODUCTION AND SUBJECT TO DISTORTION.
- 12. THE GENERAL CONTRACTOR SHALL REMOVE ALL TRASH AND DEBRIS FROM THE SITE UPON COMPLETION OF THE PROJECT AND AT LEAST ONCE A WEEK DURING CONSTRUCTION.
- 13. THE GENERAL CONTRACTOR SHALL KEEP THE AREA OUTSIDE THE "CONSTRUCTION LIMITS" BROOM CLEAN AT ALL TIMES.
- 14. GENERAL CONTRACTOR WILL ERECT AND ILLUMINATE A SITE IDENTIFICATION SIGN, PER OWNER'S SPECIFICATION. COORDINATE LOCATION WITH OWNER'S REPRESENTATIVE 15. FINISH CURB AND WALK ELEVATIONS SHALL BE 6" ABOVE FINISH PAVEMENT GRADE UNLESS NOTED
- DIFFERENT ON PLAN. 16. CONTRACTOR SHALL ENSURE THAT ADEQUATE SITE LIGHTING IS PROVIDED PER OWNER'S
- SPECIFICATIONS. 17. ALL RADII DIMENSIONS ARE TO FACE OF CURB.
- 18. ALL UTILITIES TO SERVICE BUILDING SHALL BE UNDERGROUND ON SITE, UNLESS OTHERWISE INDICATED.
- 19. ALL STREET SURFACES, DRIVEWAYS, CULVERTS, CURB AND GUTTERS, ROADSIDE DRAINAGE DITCHES AND OTHER STRUCTURES THAT ARE DISTURBED OR DAMAGED IN ANY MANNER AS A RESULT OF CONSTRUCTION SHALL BE REPLACED OR REPAIRED IN ACCORDANCE WITH THE SPECIFICATIONS.
- 20. ALL DISTURBED AREAS SHALL HAVE TEMPORARY SEEDING AND MULCHING. ALL AREAS THAT ARE PLANNED TO BE BARE FOR MORE THAN 45 DAYS SHALL BE SEEDED AND MULCHED WITHIN SEVEN (7)
- 21. THE CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES. THE LOCATION OF ALL EXISTING UTILITIES ARE NOT NECESSARILY SHOWN ON THE PLANS AND WHERE SHOWN ARE ONLY APPROXIMATE. THE CONTRACTOR SHALL ON HIS INITIATIVE AND AT NO EXTRA COSTS HAVE LOCATED ALL UNDERGROUND LINES AND STRUCTURES AS NECESSARY. NO CLAIMS FOR DAMAGES OR EXTRA COMPENSATION SHALL ACCRUE TO THE CONTRACTOR FROM THE PRESENCE OF SUCH PIPE, OTHER OBSTRUCTIONS OR FROM ANY DELAY DUE TO REMOVAL OR REARRANGEMENT OF THE SAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UNDERGROUND STRUCTURES. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL NON-SUBSCRIBING UTILITIES. THE CONTRACTOR(S) SHALL CONTACT NORTH CAROLINA "ONE CALL" AT 800-632-4949 FOR ASSISTANCE IN LOCATING EXISTING UTILITIES. CALL AT LEAST 48 HOURS PRIOR TO ANY DIGGING.
- 22. ALL LOT STRIPING AND DIRECTIONAL ARROWS TO BE WHITE REFLECTIVE MARKINGS AND SHALL CONFORM TO LOCAL REGULATIONS.
- 23. COMPACTION AND MAINTENANCE OF PROPER MOISTURE CONTENT OF THE SOIL UNDER BUILDINGS AND PAVED AREAS SHALL BE ACCOMPLISHED TO ACHIEVE 98% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY OR AS RECOMMENDED IN THE SOIL REPORT.
- 24. THE CONTRACTOR SHALL MAINTAIN AN "AS-BUILT" SET OF DRAWINGS TO RECORD THE EXACT LOCATION OF ALL PIPING PRIOR TO CONCEALMENT. DRAWINGS SHALL BE GIVEN TO THE OWNER UPON COMPLETION OF THE PROJECT WITH A COPY OF THE TRANSMITTAL LETTER TO THE ENGINEER.
- 25. BEFORE COMMENCEMENT OF WORK, THE CONTRACTOR SHALL REVIEW ALL PLANS AND SPECIFICATIONS AND THE JOB SITE. THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE ENGINEER WHO PREPARED THE PLANS OF ANY DISCREPANCIES THAT MAY REQUIRE MODIFICATIONS TO THESE PLANS OR OF ANY FIELD CONFLICTS.
- 26. ALL PERMITS RELATIVE TO THE PROJECT MUST BE OBTAINED, PRIOR TO CONSTRUCTION. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH PERMITS ISSUED AND APPLICABLE STATE, COUNTY AND LOCAL CODES.
- 27. THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR ALL BUILDING DIMENSIONS.
- 28. ALL PARKING LOT DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- 29. CONTRACTOR SHALL COORDINATE EXACT SIZE OF HVAC CONCRETE PADS WITH MECHANICAL CONTRACTOR. REFER TO MECHANICAL PLANS FOR DETAILS.
- 30. ALL SEEDING, TEMPORARY AND PERMANENT, TO BE INSTALLED TO LOCAL REGULATIONS AND STANDARD PRACTICES
- 31. ALL ROAD WORK SHALL BE PERFORMED IN ACCORDANCE WITH "THE CURRENT EDITION OF THE STATE DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIALS SPECIFICATIONS".
- 32. ANY AND ALL QUANTITIES SHOWN OR IMPLIED ON THESE PLANS ARE FOR ESTIMATION PURPOSES
- 33. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE IRRIGATION CONTRACTOR, FOR IRRIGATION SLEEVE SIZE FOR IRRIGATION SYSTEM.

PROFESSIONAL.

34. CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY, AND HOLD THE OWNER AND DESIGN PROFESSIONAL HARMLESS OF ANY AND ALL LIABILITY, REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, ACCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR DESIGN

## UTILITY NOTES:

- 1. UTILITY INFORMATION SHOWN HEREON WAS OBTAINED FROM THE BEST AVAILABLE SOURCE AND MAY OR MAY NOT BE EITHER ACCURATE OR COMPLETE. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXACT LOCATIONS OF EXISTING UTILITIES AND IS RESPONSIBLE FOR ANY DAMAGE TO ANY UTILITIES, EITHER PUBLIC OR PRIVATE, SHOWN HEREON OR NOT SHOWN HEREON. ANY REPAIRS SHALL BE DONE TO THE SATISFACTION OF THE APPROPRIATE UTILITY COMPANY.
- 2. THE GENERAL CONTRACTOR SHALL CONFIRM ALL NEW UTILITY TAP LOCATIONS WITH THE UTILITY OWNERS. ALL FEES SHALL BE THE RESPONSIBILITY OF DEVELOPER.
- 3. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO VERIFY THE ACTUAL LOCATION AND
- 4. NEW LOT LIGHT FOUNDATION BASES, CONDUIT AND WIRING ARE BY THE GENERAL CONTRACTOR.
- POLES, FIXTURES, ANCHOR BOLTS & HARDWARE SHALL BE COORDINATED WITH THE OWNER AND INSTALLED BY THE ELECTRICAL CONTRACTOR. 5. ALL NEW LOT LIGHTS AND THE MAIN IDENTIFICATION SIGN SHALL HAVE A MINIMUM 10 FEET
- CLEARANCE FROM ALL OVERHEAD UTILITIES.
- 6. GENERAL CONTRACTOR IS RESPONSIBLE FOR PERMITS AND/OR APPROVALS NECESSARY FOR ANY WORK IN ROADWAY OR RIGHT-OF-WAY.
- SHOWN ON THESE PLANS.
- 8. MINIMUM COVER FOR CONDUITS SHALL BE 36" UNLESS OTHERWISE SHOWN OR NOTED ON THESE PLANS.
- 9. ALL MANHOLES, VALVES, AND MONUMENT FRAMES SHALL BE SET TO FINISH GRADE AFTER PAVING.
- 10. THE CONTRACTOR SHALL COMPLY WITH THE RULES AND REGULATIONS OF THE STATE CONSTRUCTION SAFETY ORDERS. TRENCHES SHALL BE SHORED IN ACCORDANCE WITH OSHA.
- 11. THE MINIMUM SLOPE FOR SANITARY SEWER LINES SHALL BE AS FOLLOWS: 1) 1/4"/FT FOR 4" LINES AND 2) 1/8"/FT FOR 6" LINES. CLEANOUTS SHALL BE PLACED AT 75' INTERVALS.
- 12. ALL WATER LINES SHALL HAVE A FINAL COVER DEPTH OF 3'-0" IN NON-TRAFFIC AREAS AND 4'-0"
- MINIMUM IN TRAFFIC AREAS UNLESS SPECIFICALLY NOTED OTHERWISE.
- IN TRAFFIC AREAS UNLESS SPECIFICALLY NOTED OTHERWISE ON THE PLANS. 14. SANITARY SEWER SERVICES SHALL BE PVC SDR 35 TO R/W, THEN PVC SCH. 40 TO BUILDING. WATER SERVICE SHALL BE TYPE "K" COPPER.
- 15. CABLE TV SERVICE ROUTING IS NOT PART OF THIS PLAN, CONTRACTOR TO COORDINATE WITH CABLE
- 16. EXISTING MANHOLES SHOULD BE FIELD VERIFIED FOR RIMS AND INVERTS.

COMPANY.

- 17. ALL WORK SHALL BE GOVERNED BY THE LATEST EDITIONS OF THE STATE MECHANICAL, PLUMBING, ELECTRICAL, FIRE PROTECTION, BUILDING CODE, ENERGY CONSERVATION, HANDICAP ACCESSIBILITY, NATIONAL ELECTRICAL CODES AND NATIONAL FIRE PROTECTION ASSOCIATION CODES AND AS ADOPTED BY THE AUTHORITIES HAVING JURISDICTION.
- 18. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL INSPECTIONS, CERTIFICATIONS, EQUIPMENT, ETC., THAT MAY BE REQUIRED.
- 19. CONTRACTOR SHALL GUARANTEE, FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE OF SYSTEMS BY OWNER, EACH AND EVERY PIECE OF APPARATUS WHICH HAS BEEN INSTALLED UNDER THIS CONTRACT.
- 20. THE ENGINEER AND/OR OWNER DISCLAIM ANY ROLE IN THE CONSTRUCTION MEANS/METHODS ASSOCIATED WITH THE PROJECT AS SET FORTH IN THESE PLANS.
- 21. OCCUPATIONAL HEALTH AND SAFETY ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATIONS; FINAL RULE 29CFR PART 1926, SUBPART "P" APPLIES TO ALL EXCAVATIONS EXCEEDING 5 FEET IN DEPTH.
- 22. EXCAVATION EXCEEDING TWENTY (20) FEET IN DEPTH REQUIRES THE DESIGN OF A TRENCH SAFETY SYSTEM BY A REGISTERED PROFESSIONAL ENGINEER.
- 23. EQUIPMENT AND PRODUCTS OTHER THAN THOSE SPECIFIED MAY BE USED PROVIDED PRIOR APPROVAL HAS BEEN OBTAINED FROM THE OWNER IN WRITING PRIOR TO ORDERING OR INSTALLATION. THE CONSTRUCTION SHALL WAIVE ANY CLAIM FOR ADDITIONAL COST RELATED TO THE SUBSTITUTION OF ALTERNATE EQUIPMENT.
- 24. CONTRACTOR SHALL MAINTAIN AN "AS-BUILT" SET OF DRAWINGS TO RECORD THE EXACT LOCATION OF ALL PIPING PRIOR TO CONCEALMENT. DRAWINGS SHALL BE GIVEN TO THE OWNER UPON COMPLETION OF THE PROJECT WITH A COPY OF THE TRANSMITTAL LETTER TO THE ENGINEER.
- 25. ONLY SEWAGE NOT CONTAINING GREASE IS ALLOWED TO BYPASS THE GREASE TRAP. 26. ALL SANITARY SEWER SERVICES AND STORM DRAIN PIPING 8" IN DIAMETER OR SMALLER SHALL BE SCH. 40 PVC WITH ADHESIVE "WELDED JOINTS, UNLESS SPECIFIED OTHERWISE OR REQUIRED BY LOCAL GOVERNING MUNICIPALITY. MINIMUM SLOPES ON SANITARY SEWER SERVICES: 4" - 1/4"/FT, 6" -1/8"/FT.
- 27. BELOW GRADE WATER SERVICE PIPING SHALL BE TYPE "K" HARD DRAWN COPPER TUBING WITH SILVER SOLDER JOINTS. SOLDERS CONTAINING LEAD SHALL NOT BE USED FOR ANY PURPOSE ON THIS PROJECT. WHERE PIPING IS REQUIRED TO RUN BELOW BUILDING SLAB. IT SHALL BE INSTALLED WITHOUT JOINTS BELOW SLAB
- 28. WATER PIPING SHALL BE CONNECTED TO BUILDING STUBS, VERIFY LOCATIONS PRIOR TO BEGINNING WATER PIPE INSTALLATION
- 29. WASTE PIPING SHALL BE CONNECTED TO BUILDING STUBS, VERIFY LOCATIONS AND INVERTS PRIOR TO BEGINNING ANY WASTE PIPE INSTALLATION.
- 30. CONTRACTOR SHALL NOTIFY NORTH CAROLINA 811 OR CALL 1-800-632-4949 AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION OR EXCAVATION TO HAVE UTILITIES LOCATED. CONTRACTOR SHALL CONTACT ANY LOCAL UTILITIES THAT PROVIDE THEIR OWN LOCATOR SERVICES INDEPENDENTLY.
- 31. ALL UTILITY CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF RALEIGH WATER AND SEWER REGULATIONS AND STANDARDS.
- 32. SITE UTILITY CONTRACTOR TO PROVIDE WATER, SANITARY SEWER, AND ROOF DRAIN LEADERS TO WITHIN 5 FEET OF THE BUILDING. CONTRACTOR SHALL COORDINATE SITE PLAN CONNECTIONS WITH THE ARCHITECTURAL BUILDING PLANS.
- 33. SANITARY CLEANOUTS SHALL BE PLACED NO MORE THAN 75 FEET APART. CLEAN OUTS LOCATED IN PAVEMENT AREAS SHALL HAVE HEAVY DUTY TRAFFIC RATED CONSTRUCTION. 34. CONNECTION OF SANITARY SEWER SERVICE TO AN EXISTING MANHOLE SHALL COMPLY WITH CITY OF
- RALEIGH STANDARDS, INCLUDING: CORE DRILL FOR OPENING INTO MANHOLE AND INSTALL WITH FLEXIBLE BOOT. IF PAVEMENT CUT IS REQUIRED, CONTRACTOR SHALL PATCH PAVEMENT WITH A SECTION TO MATCH EXISTING PAVEMENT: 3" I-2, 8" ABC OR BETTER.
- 35. RELATION OF WATER MAINS TO SEWERS: A. LATERAL SEPARATION OF SEWER AND WATER MAINS: WATER MAINS SHALL BE LAID AT
- LEAST 10 FEET LATERALLY FROM EXISTING OR PROPOSED SEWERS UNLESS LOCAL CONDITIONS OR BARRIERS PREVENT A 10 FOOT LATERAL SEPARATION, IN WHICH CASE:
- 1. THE WATER MAIN IS LAID IN A SEPARATE TRENCH. WITH THE ELEVATION OF THE BOTTOM OF THE WATER MAIN AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER, OR
- 2. THE WATER MAIN IS LAID IN THE SAME TRENCH AS THE SEWER LINE WITH THE WATER MAIN LOCATED AT ONE SIDE ON A BENCH OF UNDISTURBED EARTH, AND ABOVE THE TOP OF THE SEWER. B. CROSSING A WATER MAIN OVER A SEWER MAIN:
- WHENEVER IT IS NECESSARY FOR A WATER MAIN TO CROSS OVER A SEWER THE WATER MAIN SHALL BE LAID AT SUCH AN ELEVATION THAT THE BOTTOM OF THE WATER MAIN IS AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER MAIN. UNLESS LOCAL CONDITIONS OR BARRIERS PREVENT AN 18 INCH VERTICAL SEPARATION - IN WHICH CASE BOTH THE WATER MAIN AND SEWER MAIN SHALL BE CONSTRUCTED OF FERROUS MATERIALS AND WITH JOINTS THAT ARE EQUIVALENT TO WATER MAIN STANDARDS FOR A DISTANCE OF 10 FEET ON EACH
- SIDE OF THE POINT OF CROSSING. C. CROSSING A WATER MAIN UNDER A SEWER MAIN: WHENEVER IT IS NECESSARY FOR A WATER MAIN TO CROSS UNDER A SEWER MAIN BOTH THE WATER MAIN AND SEWER MAIN SHALL BE CONSTRUCTED OF FERROUS MATERIALS AND WITH JOINTS EQUIVALENT TO WATER MAIN STANDARDS FOR A DISTANCE OF 10 FEET ON
- EACH SIDE OF THE POINT OF CROSSING. D. CROSSING A SEWER LINE OVER OR UNDER A STORM DRAIN: WHENEVER IT IS NECESSARY FOR A SEWER LINE TO CROSS A STORM DRAIN PIPE, THE SEWER LINES SHALL BE LAID AT SUCH AN ELEVATION THAT THE OUTSIDE OF THE SEWER LINE NEAREST TO THE OUTSIDE OF THE STORM DRAIN PIPE SHALL MAINTAIN A 24 INCH CLEAR SEPARATION DISTANCES, OR OR ENCASED IN EITHER CONCRETE OR DUCTILE IRON PIPE FOR AT LEAST 5 FEET ON EITHER SIDE OF THE CROSSING.
- 36. UNDERGROUND CONDUITS TO SIGNS, LOT LIGHTS, ETC., SHALL BE PLACED IN GRASS OR LANDSCAPE AREAS WHENEVER POSSIBLE. THE LOCATION OF THE CONDUIT AS SHOWN ON THESE PLANS SHALL BE CONSIDERED TO BE SCHEMATIC WITH ACTUAL LOCATION TO BE VERIFIED BY THE GENERAL CONTRACTOR, PVC SCH. 40 SLEEVES SHALL BE INSTALLED FOR ALL CONDUIT CROSSING UNDER PAVED AREAS.
- 37. SEE ELECTRICAL SHEETS FOR SIZE OF CONDUIT AND WIRE ON ALL ELECTRICAL SERVICE. 38. TRANSFORMER BY ELECTRIC COMPANY, GENERAL CONTRACTOR TO PROVIDE PAD. REFER TO

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AVAILABILITY OF ALL EXISTING AND PROPOSED UTILITIES IN THE FIELD PRIOR TO GROUND BREAKING.

7. ALL TRENCH EXCAVATION AND BACKFILL SHALL BE IN ACCORDANCE WITH TRENCH BACKFILL DETAIL

13. ALL SEWER LINES SHALL HAVE A FINAL COVER DEPTH 4'-0" IN NON-TRAFFIC AREAS AND 5'-0" MINIMUM

ELECTRIC COMPANY SPECIFICATIONS FOR PAD CONSTRUCTION.

## DRAINAGE STRUCTURE NOTES

- 1. BOXES SHALL COMPLY WITH LOCAL JURISDICTIONAL STANDARDS AND SPECIFICATIONS.
- 2. ANY NONSTANDARD BOX IS TO BE DESIGNED BY A PROFESSIONAL ENGINEER.

### 3. THE MAXIMUM HEIGHT OF AN UN-REINFORCED MASONRY DRAINAGE STRUCTURE WITH 8" WALLS SHALL BE LIMITED TO 8'-0" FROM INVERT OF THE OUTLET PIPE TO THE TOP OF THE CASTING. DEPTHS GREATER THAN 8'-0" SHALL HAVE WALLS 12" THICK. BASINS OVER 12' IN TOTAL DEPTH SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER. FOUR INCH WALLS ARE NOT ALLOWED ON DRAINAGE STRUCTURES, BOTTOM SLAB ON STRUCTURES SHALL BE REINFORCED WHEN BOX DEPTHS EXCEEDS 8 FT.

- 4. STEPS ARE TO BE PROVIDED ON ALL BASINS DEEPER THAN 42".
- 5. STEPS ARE TO BE PS1-PF AS MANUFACTURED BY M.A. INDUSTRIES OR AN APPROVED
- EQUAL. LOCATE ON NON-PIPE WALLS.
- 6. MORTAR IN MASONRY BOXES IS TO BE TYPE M. 7. CLAY BRICK STRUCTURES ARE NOT ALLOWED.
- 8. CONCRETE PIPE IS TO BE MINIMUM CLASS III.
- 9. CONCRETE BUILDING BRICK IS TO MEET ASTM C-55, GRADE N, TYPE 1.
- 10. BASINS LOCATED IN WET AREAS, OR AS OTHERWISE REQUIRED BY THE TOWN ENGINEER, SHALL HAVE WEEP HOLES AS SHOWN ON DETAILS.
- 11. ALL CAST-IN-PLACE PRECAST CONCRETE DRAINAGE STRUCTURES LOCATED IN PAVED AREAS ACCESSIBLE TO TRUCK LOADINGS TO BE DESIGNED TO MEET AASHTO HS 20-44 LOADING. SEE MANUFACTURERS DETAILS FOR WALL, TOP AND BOTTOM THICKNESS.

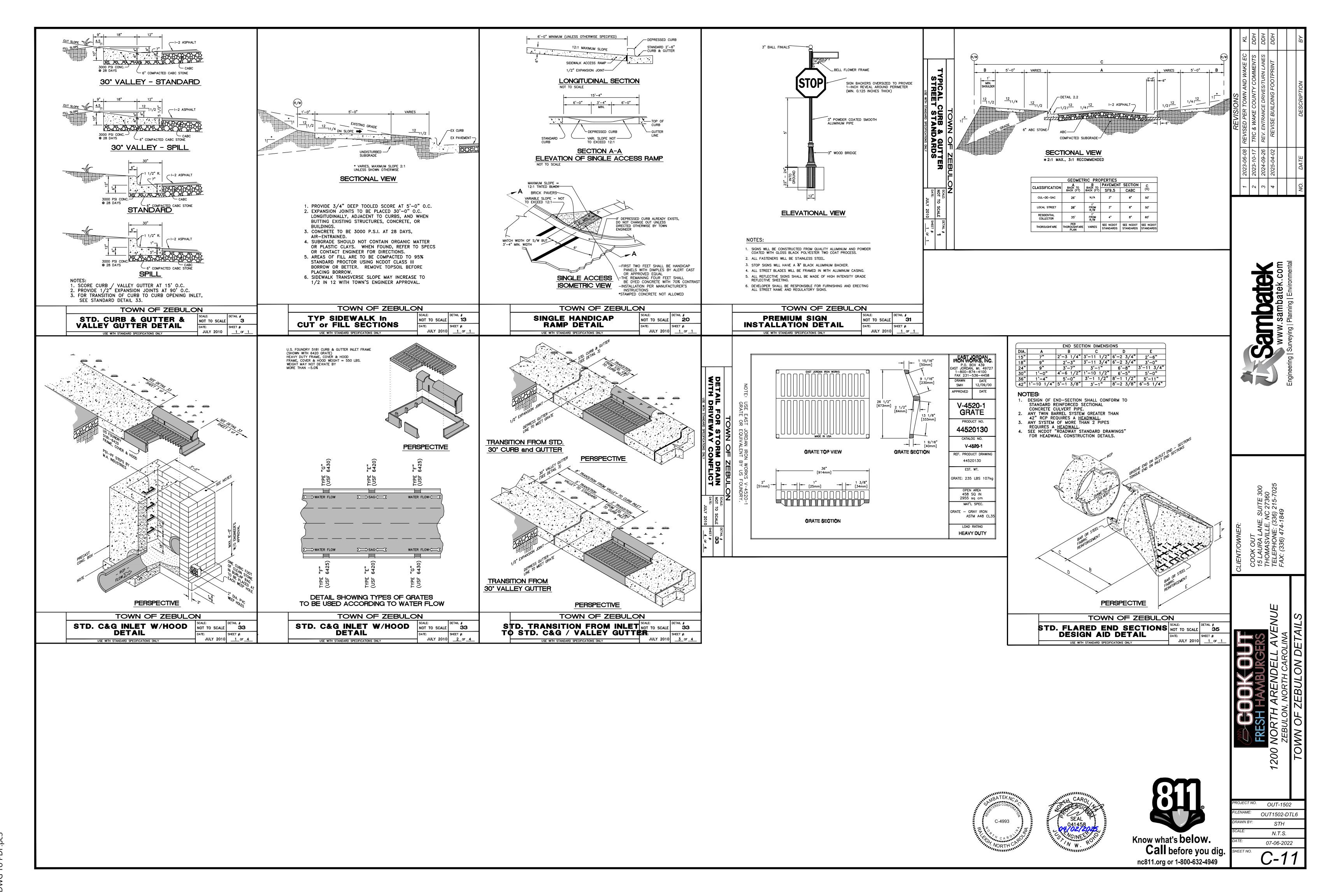
CIENT/OWNER: FRESH AMBUGGSCIENT/OWNER: TEURIONSREVISIONSCOOK OUT FRESH AMBUGGSCOOK OUT 15 LAURA LANE, SUITE 300 75 LAURA LE, NC 27360 75 LAURA LANE, SUITE 300 76 DAMSNILLE, NC 27360 76 DAMSNILLE, NC 27360 76 DAMSNILLE, NC 27360REVISIONSVORTH ARENDELL AVENUE FAX: (336) 474-1849 DETALS2023-00-08 70 TELEPHONE: (335) 215-7025 733) 474-1849REVISIONSDETALSDETALSNORTH CAROLINA 70 TELEPHONE: (335) 215-7025 70 TELEPHONE: (335) 474-18492023-00-08 70 TELEPHONE: (335) 774-1849REVISIONSDETALSDETALSNORTH CAROLINA 70 DATENORTH CAROLINANONODETALSDETALSNODATEDATEDETALSDATENODATEDATEDESCRIPTIONDETALSDETALSNODATEDATEDESCRIPTIONDATE
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ACLINA COCK OUT COOK OUT 15 LAURA LANE, SUITE 300 THOMASVILLE, NC 27360 TELEPHONE: (336) 215-7025 FAX: (336) 474-1849
AROLINA

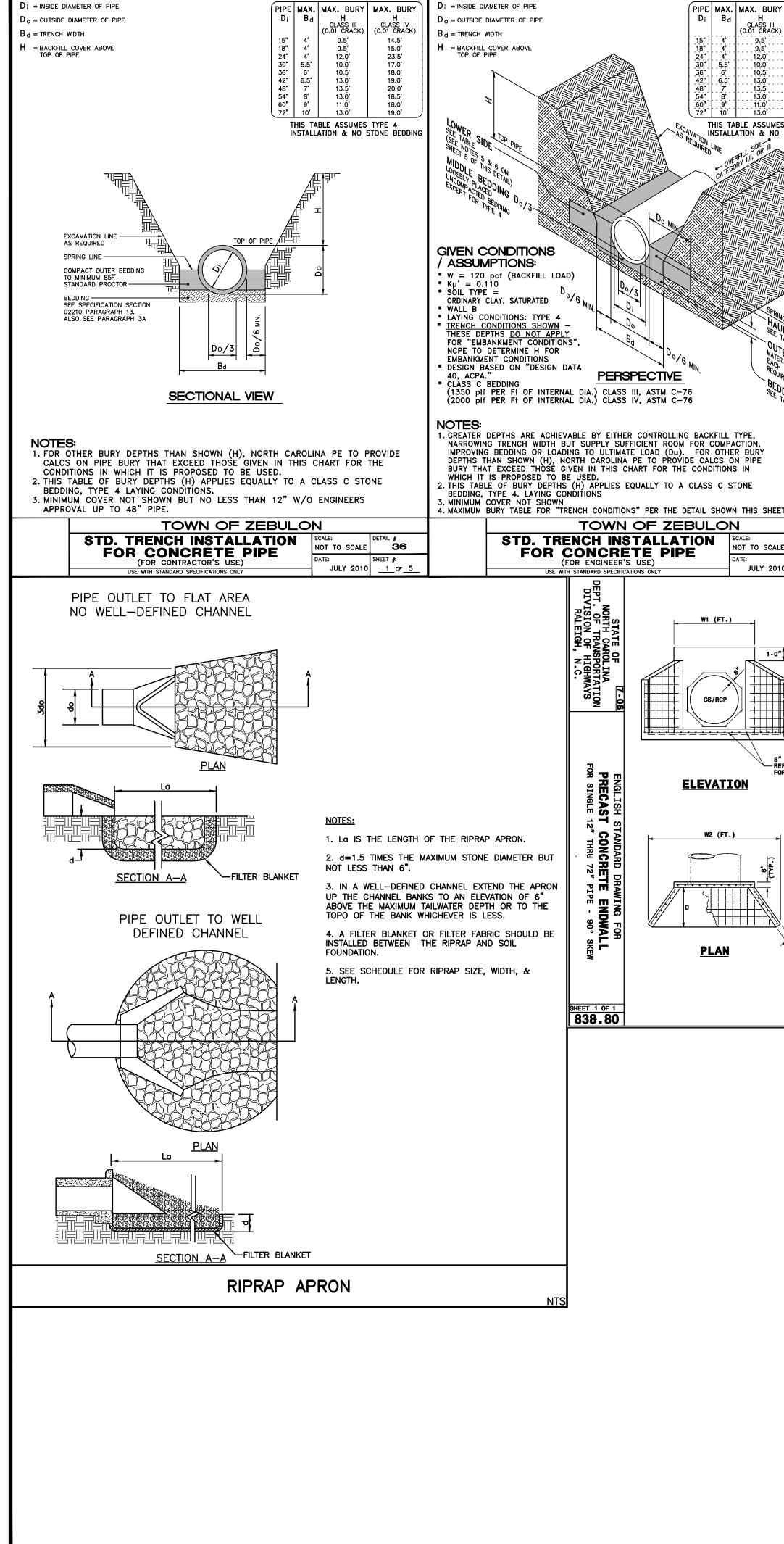






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BURY MAX. BURY H H SS III CLASS IV RACK) (0.01 CRACK)	Table 1 Equivalent USCS and AASHTO Soil CLassification	Table 2       Standard EMBANKMENT Installation Soils and Minimum         Table 3       Standard TRENCH Installations Soils and	kl PDDH DDH
5' 14.5' 5' 15.0' 0' 23.5' 0' 17.0' 5' 18.0' 0' 19.0'	for SIDD Soil Designations Representative Soil Types Percent Compaction	Compaction Requirements     Minimum Compaction Requirements       Installation Type <sup>4</sup> Bedding Thickness     Haunch and Outer Bedding     Lower Side	IT T
.0' 17.0' .5' 18.0' .0' 19.0' .5' 20.0' .0' 18.5' .0' 18.0' .0' 19.0'	SIDD SoilUSCS,AASHTOStandard ProctorModified ProctorGravelly Sand (Category I)SW, SP, GW, GPA1,A31009595 90 90 85909590	Type 1     D <sub>o</sub> /24 minimum, not less than 75 mm (3"). If rock foundation, use D <sub>o</sub> /12 minimum, not less than 150 mm (6").     98% Category I 90% Category II, 95% Category II, 07 100% Category III     90% Category I, 95% Category II, 07 100% Category III	AND WAKE Y COMMEN ES/TURN LAI FOOTPRIN
SUMES TYPE 4 & NO STONE BEDDING	Sandy         GM, SM, ML         A2,A4         100         95         90           Silt         Also GC, SC         95         90         85	Type 2     D <sub>o</sub> /24 minimum, not les than 75 mm (3"). If rock foundation, use D <sub>o</sub> /12 minimum,not less than 150 mm (6").     90% Category I 90% Category II, or 95% Category III     85% Category I, 90% Category II, or 95% Category III	REVISIONS ISED PER TOWN / S & WAKE COUNT : ENTRANCE DRIVE EVISE BUILDING F
	x         x	Type 3     D <sub>o</sub> /24 minimum, not less than 75 mm (3").     85% Category I, 90% Category II, 90% Category II, 90% Category II, 90% Category II, 90% Category II, 90% Category III     Type 3     D <sub>o</sub> /24 minimum, not less than 75 mm (3"). D <sub>o</sub> /12 minimum, not     85% Category I, 90% Category II, 95% Category III	REV REVISED P TRC & WAI REV. ENTRA REVISE
	85         75           80         70           45         40           CH         100         90           95         85           90         80           45         40	Type 4     Do/24 minimum, not less than 75 mm (3"). If rock foundation, use Do/12 minimum, not less than 75 mm (3").     No compaction required, except if Category III, use 85%     No compaction required, except if Category III, use 85%       Type 4     Do/24 minimum, not less than 75 mm (3"). If rock foundation, use Do/12 minimum, not less than 150 mm (6").     No compaction required, except if Category III, use 85%	2023-06-08 F 2023-10-17 2023-10-17 2024-09-26 2025-04-02
SHEET		<ul> <li>Notes:</li> <li>1. Compaction and soils symbols - i.e. "98% Category I' refers to Category I soil material with a minimum standard Proctor compaction of 98%. See Table 1 for equivalent modified Proctor values.</li> <li>2. Soil in the outer badding, haunch, and lower side zones, except within D0/3 from the pipe springline, shall be compacted to at least the same compaction as the mojority of the soil in the overfill zone.</li> <li>3. Subtrenches</li> <li>3. A subtrench is defined as a trench with its top below finished grade by more than 0.1 H or, for roadways, its top is at an elevation lower than 0.3 m (1') below the bottom of the pavement base material.</li> <li>3. The subtrench suith wall of natural soil, any portion of the lower side zone in the subtrench suith be itest as firm as an equivalent specified for the lower side zone and as firm as the majority of soil in the overfill zone, or shall be removed and replaced with soil compaction = relatively high quality material &amp; high compaction effort. Type 4 installation = little or no control over material and compaction.</li> <li>4. Type 1 installation = little or no control over material and compaction.</li> </ul>	anning I Environmental
SCALE DETAIL # 36 SHEEL # 2010 _2 OF _5	TOWN OF ZEBULON         STD. TRENCH INSTALLATION         OT TO SCALE         NOT TO SCALE         DATE:         JULY 2010         JULY 2010	TOWN OF ZEBULON         TOWN OF ZEBULON         STD. TRENCH INSTALLATION         STALE:       DETAIL #         NOT TO SCALE       DETAIL #         NOT TO SCALE       DETAIL #         MOT TO SCALE       DETAIL #         USE WITH STANDARD SPECIFICATIONS ONLY       DATE:       SHEET #:         JULY 2010       4 of 5         USE WITH STANDARD SPECIFICATIONS ONLY       DATE:       SHEET #:	ww.sar
1-0" H1 H2 H1 H2 H1 H2 H1 H2 H2 H2 H2 H2 H2 H2 H2 H2 H2 H2 H2 H2	<ul> <li>NOTES:</li> <li>* THIS PRECAST ENDWALL MAY BE USED FOR THE FOLLOWING STANDARDS: 838.21, 838.27, 838.33 AND 838.39.</li> <li>* INSTALL PRECAST ENDWALLS WITH WINGS AND PAY FOR IN ACCORDANCE WITH SPECIFICATION SECTION 838.</li> <li>* USE 4000 PSI CONCRETE.</li> <li>* PROVIDE ALL REINFORCING STEEL WHICH MEETS ASTM A615 FOR GRADE 60 AND WELDED WIRE FABRIC CONFORMING TO ASTM A185 WITH 2" MIN. CLEARANCE.</li> <li>* PLACE LIFT HOLES OR PINS IN ACCORDANCE WITH OSHA STANDARD 1926.704.</li> <li>* PLACE LIFT HOLES OR PINS IN ACCORDANCE WITH OSHA STANDARD 1926.704.</li> <li>* PLACE LIFT HOLES OR PINS IN ACCORDANCE WITH OSHA STANDARD 1926.704.</li> <li>* PLACE LIFT HOLES OR PINS IN ACCORDANCE WITH OSHA STANDARD 1926.704.</li> <li>* DIPE TO BE GROUTED INTO HEADWALL AT JOB SITE BY CONTRACTOR</li> <li>* ALL ELEMENTS PRECAST TO MEET ASTM C913.</li> <li>* WELDED WIRE FABRIC MAY BE SUBSTITUTED FOR REBAR AS LONG AS THE SAME AREA OF STEEL IS PROVIDED.</li> <li>* CHAMFER ALL CORNERS 1" OR HAVE A RADIUS OF 1".</li> </ul>	Solution     Solution	Engineering   Surve
(idu)		A ANY PERSONNEL OR EQUIPMENT WORKING WITHIN FUE ET OF A TRAVEL LANE SHALL REQUIRE A FULL LANE CLOSURE. NO ROADWAY     OF TRAFFIC SHALL BE CLOSED OR RESTRICTED OR TRESTRICTED OR     SALL MATERIALS AND SPECIFICATIONS.     S. ALL MATERIALS AND CONSTRUCTION ON DOGWOOD LANE AND JONES STREET SHALL BE IN ACCORDANCE TOWN OF ZEBULON     STANDARDS AND SPECIFICATIONS.     S. ALL MATERIALS AND SPECIFICATIONS.     S. ALL MATERIALS AND CONSTRUCTION ON DOGWOOD LANE AND JONES STREET SHALL BE IN ACCORDANCE TOWN OF ZEBULON     STANDARDS AND SPECIFICATIONS.     S. ALL MATERIALS AND CONSTRUCTION ON DOGWOOD LANE AND JONES STREET SHALL BE IN ACCORDANCE TOWN OF ZEBULON     STANDARDS AND SPECIFICATIONS.     S. ALL MATERIALS AND CONSTRUCTION ON DOGWOOD LANE AND JONES STREET SHALL BE IN ACCORDANCE TOWN OF ZEBULON     STANDARDS AND SPECIFICATIONS.     S. ALL MATERIALS AND CONSTRUCTION ON DOGWOOD LANE AND JONES STREET SHALL BE IN ACCORDANCE TOWN OF ZEBULON     STANDARDS AND SPECIFICATIONS.     S. ALL MATERIALS AND CONSTRUCTION ON DOGWOOD LANE AND JONES STREET SHALL BE IN ACCORDANCE TOWN OF ZEBULON     STANDARDS AND SPECIFICATIONS.     S. ALL MATERIALS AND CONSTRUCTION ON DOGWOOD LANE AND JONES STREET SHALL BE IN ACCORDANCE TOWN OF ZEBULON     STANDARDS AND SPECIFICATIONS.     S. ALL MATERIALS DATE ORIGINAL CONDITION.     T. CONTRACTOR SHALL BE REPRESTING DIVERANTS, SUSPEND AND/OR VOID RIGHT TO COMPLETE WORK ON TOWN ROW     IF THE EXECUTION AND/OR OPERATION OF SAID PERMIT IS FOUND TO BE A HAZARD TO THE TRAVELING PUBLIC.     STORY     STORY	CLIENT/OWNER: COOK OUT 15 LAURA LANE, SUITE 300 THOMASVILLE, NC 27360 TELEPHONE: (336) 215-7025 FAX: (336) 474-1849
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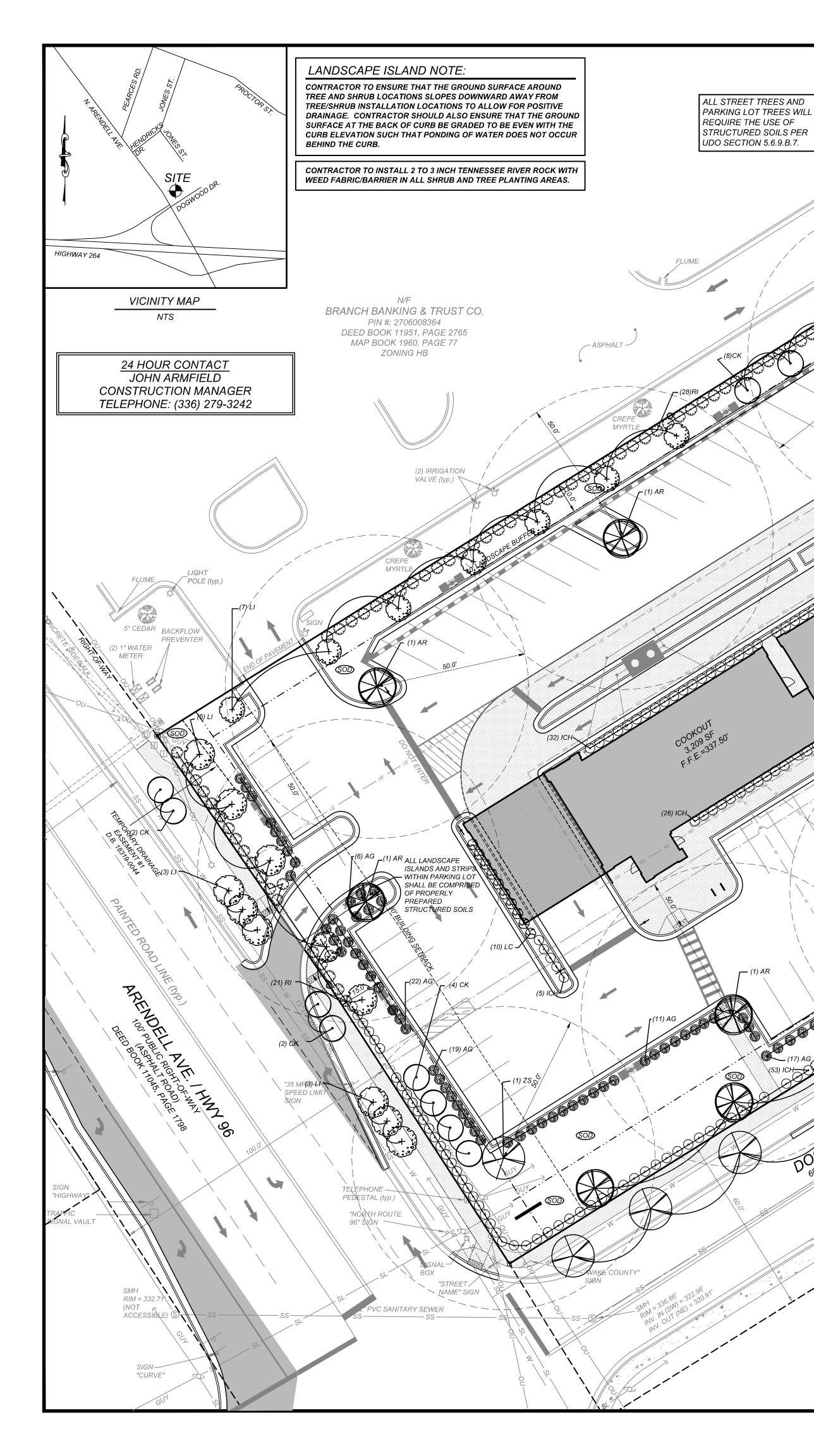
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ALL AREAS NOT MULCHED SHALL BE SEEDED OR SODDED IN ACCORDANCE WIT THE AREA SPECIFIED ON PLANS WITH "REBEL II" HYBRID TALL FESCUE OR EQUIVALENT AS PRESCRIBED IN THE SEEDING SCHEDULE AS SHOWN ON THIS SHEET.

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LOCATI DIP WATERLINE

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- 6. SITE LIGHTING SHALL NOT BE PLACED IN CONFLICT WITH PLANTED TREES.
- 7. TREE PROTECTION FENCING TO BE PROVIDED AROUND TREE PRESERVATION AREAS IN ACCORDANCE WITH CITY STANDARDS.
- 8. COORDINATE ALL WORK WITH SITE LAYOUT AND SITE GRADING, DRAINAGE & UTILITIES PLAN.
- 9. VERIFY LOCATION OF UTILITIES BEFORE PLANTING.
- 10. MULCH ALL AREAS, THAT ARE NOT SEEDED OR SODDED, WITH SHREDDED HARDWOOD MULCH TO A DEPTH OF 3"-4".
- 11. THE SELECTION AND INSTALLATION OF PLANTS AND PLANTING METHODS SHAL CONFORM WITH THE STANDARDS OF THE AMERICAN ASSOCIATION OF NURSERYMEN OR THE CITY STANDARD DETAILS AND SPECIFICATIONS, WHICHEVER IS STRICTER.
- 12. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES. DRAWINGS SHALL RULE OVER PLANT LISTS.
- APPROVAL BY THE GOVERNING JURISDICTION.
- DEBRIS AT ALL TIMES.
- 15. TREES AND LARGE SHRUBS SHALL BE ADEQUATELY SUPPORTED, AS NECESSARY, USING STAKES AND GUYS. SUCH SUPPORTS SHALL BE DESIGNED SO AS TO PROTECT TREES AND SHRUBS FROM INJURY. TREES AND SHRUBS SHALL BE FASTENED TO THE SUPPORT WITH AN ACCEPTABLE COMMERCIAL TREE TIE OF PLASTIC OR HOSE COVERED WIRE.
- 16. THE MAXIMUM GROWTH HEIGHT OF ANY LANDSCAPING WITHIN THE SIGHT TRIANGLE SHALL BE THREE (3) FEET IN HEIGHT.

## LANDSCAPE NOTES:

3' X 3'

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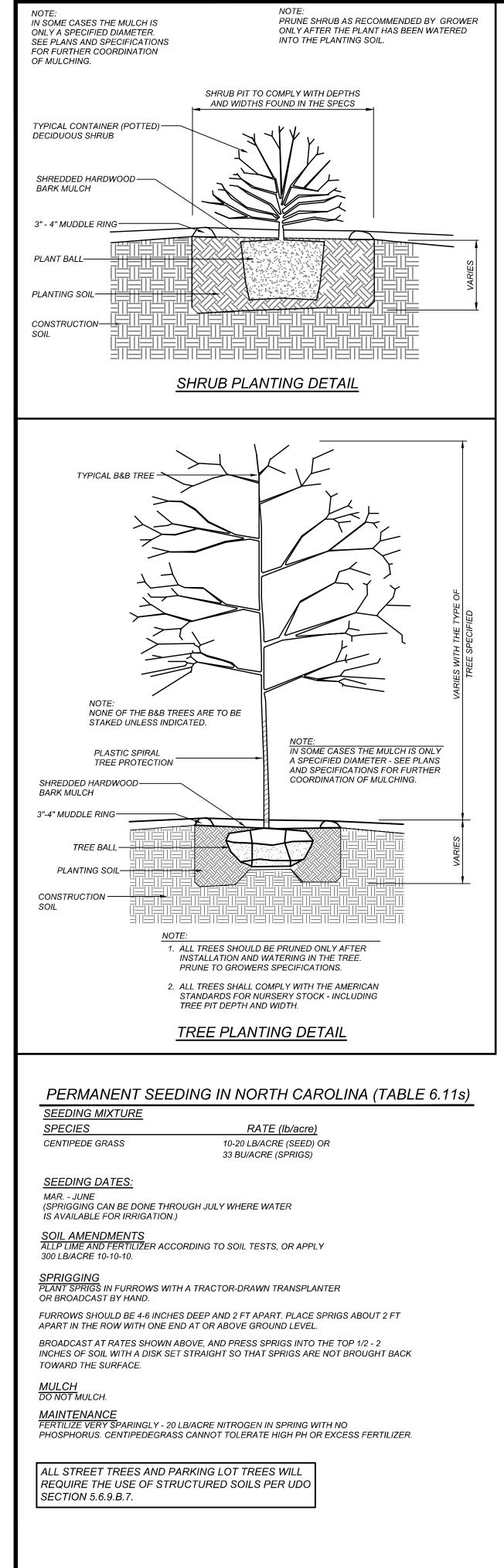
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- 1. THE GENERAL CONTRACTOR SHALL LEAVE THIS SITE AT FINISHED GRADE. THE LANDSCAPE CONTRACTOR SHALL REVISE GRADES AT A MINIMUM TO ENSURE SMOOTH TRANSITIONS BETWEEN PLANTING BEDS AND LAWN AREAS. 13. SUBSTITUTIONS SHALL BE SUBMITTED TO LANDSCAPE ARCHITECT FOR APPROVAL, PRIOR TO INSTALLATION, SUBSTITUTIONS MAY REQUIRE ADDITION
- 2. PLANT GUARANTEE: ALL PLANTS SHALL BE GUARANTEED TO LIVE FOR TWELVE MONTHS. THE GUARANTEE SHALL COMMENCE UPON FINAL ACCEPTANCE OF 14. ALL LANDSCAPING SOIL AND FILL SHALL BE FREE FROM WEEDS, REFUSE, AND THE PROJECT. IF ANY PLANTS ARE DEAD OR IN AN UNHEALTHY CONDITION BEFORE FINAL ACCEPTANCE, THE LANDSCAPE CONTRACTOR SHALL REPLACE THEM AT HIS EXPENSE. THIS REPLACEMENT SHALL NOT BE CONSIDERED A GUARANTEED REPLACEMENT.
- 3. ALL PLANTING SHALL BE PLACED WITHIN A MULCHED PLANTING BED. ALL STRAPPING AND THE TOP 2/3 OF WIRE BASKETS MUST BE CUT AWAY AND REMOVED FROM ROOT BALLS PRIOR TO BACKFILLING PLANTING PIT. REMOVE TOP 1/3 OF BURLAP FROM ROOT BALL.
- 4. ALL LANDSCAPE WORK SHALL BE IN ACCORDANCE WITH CURRENT CITY STANDARD DETAILS AND SPECIFICATIONS.

					TURF NOTES:						KL	НД	HDD		ВΥ
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REG.	C-4993	orton		SEAL	2. RIP ENTIRE AREA TO 6 INCH 3. REMOVE ALL LOOSE ROCK,							COMMENTS	DRIVES/TURN LANES		
RALLOP	A CARO			04/02/2025	<ol> <li>ALL LOOSE ROCK, SURFACE REASONABLY SM</li> <li>APPLY AGRICULTURAL LIME</li> </ol>	OOTH AND UN	IFORM.				AND WAKE	Y COM	ES/TURN LAN		NON
THE GH	NORTHC	ARUIN		W. ROUNT	AND MIX WITH SOIL (SEE BE	LOW*).				<b>ISIONS</b>	TOWN ,	COUNTY	ANCE DRIVE		ESCRIPTION
					6. SEED ON A FRESHLY PREPA	O 6 INCHES DE	EP.			/ISIC		WAKE C	ENTRANCE		DES(
ì					<ol> <li>SEED ON ATTREGRETT RELEASE</li> <li>SEEDING EQUIPMENT OR CL</li> <li>MULCH IMMEDIATELY AFTER</li> </ol>	JLTIPACK AFT	ER SEEDING			RE/	9	-	-		
$\mathcal{A}$	``\				8. INSPECT ALL SEEDED AREA WITHIN THE PLANTING SEAS	S AND MAKE N	VECESSARY	REPAIRS OF					RE		
	7,				DAMAGED, RE-ESTABLISH F RATES.						2023-06-08	2023-10-17	2024-09-26	-04-02	ATE
					9. CONSULT CONSERVATION II FERTILIZATION AFTER PERM				MENT AND		2023	2023	2024	2022	DA
					*APPLY: AGRICULTURAL LII FERTILIZER - 1,000 SUPERPHOSPHATI MULCH - 2 TONS/A ANCHOR - ASPHAL	LBS/ACRE - 10 E - 500 LBS/AC CRE - SMALL 0	0-10-10 RE 20% ANA GRAIN STRAV	LYSIS N	RE IN CLAY SOILS	;)	1	2	ო <b>ა</b>	4	NO.
` \\					SOD PREPARATION: FOLLOW PREPARATION AS I WATER SOD UPON INSTALLA ESTABLISHED.										
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¥]	O" PNC SAMITARY	n.	X		CONTRACTOR SHALL REPAI AREAS UNTIL THE GRASS R	R ALL DAMAGI EACHES A HEI	ED AREAS AI GHT OF 4 IN	ND MONITOI CHES TALL.	R THE LAWN					COL	Surveying   Planning   Environmental
	N SP	SENER	\		12. AT THE TIME THE GRASS RE CONTRACTOR SHALL MOW OVER THE LAWN MAINTENA	THE GRASS TO	D THE HEIGH	,				ł		atek	Envirg
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IS I		AR         ZS         CK         LI         ICH         ICH </td <td>16         12         16         18         230         20         158         76         PE CA         RROCK -         PE CA         SHRUBS         DERSTORY         DERSTORY         DESTRESTORY         DESTRESTORY         DESTREST         DERSTORY         DERSTORY         DESTREST         DERSTORY         DERSTORY         DESTREST         DERSTORY         DERSTORY</td> <td>AND TH TYPE S AND SIL TREE PLANTING S BOTANICAL NAME ACER RUBRUM ZELKOVA SERRATA CORNUS KOUSA LAGERSTROEMIA INDICA ILEX CRENATI HELLERI LOROPETALUM CHINENSE 'RUBY RED' RHAPHIOLEPIS INDICA ABELIA GRANDIFLORA 'EDWARD GOUCHER' TO BE INSTALLED AROUND ALL TH CULLATIONS: YERUE: TREES (DUE TO OVERHEAD LINES PER 100 LF RY TREES AND 42 SHRUBS. ES, 4 KOUSA DOGWOODS, HORNES, AND 21 HELLERI HOLLYS DRIVE: TREES (DUE TO OVERHEAD LINES PER 100 LF SY TREES AND 42 SHRUBS. ES, 4 KOUSA DOGWOODS, HORNES, AND 21 HELLERI HOLLYS DRIVE: TO SHRUBS PER 100 LF ES AND 20 SHRUBS PER 100 LF ES AND 20 SHRUBS PER 100 LF ES AND 37 INDIAN HAWTHORNES AZELKOVAS, LYS, AND 37 INDIAN HAWTHORNES A ZELKOVAS, LYS, AND 37 INDIAN HAWTHORNES SUM, 1 EXISTING 15" OAK, 1 EXISTI ZET TREES AND 42 SHRUBS PER 100 LF ES AND 42 SHRUBS BUM, 1 EXISTING 15" OAK, 1 EXISTI ZET TREES AND 15 SHURBS PER 100 LF ES AND 20 SHRUBS PER 100 LF ES AND 20</td> <td>CURB ON ALL TOWN RO TREET TREE SPECIES WIL DEWALK ON NCDOT ROAD COMMON NAME RED MAPLE JAPANESE ZELKOVA KOUSA DOGWOOD CRAPE MYRTLE HELLERI HOLLY INDIAN HAWTHORNE GOUCHER ABELIA REE AND SHRUB AREAS.</td> <td>ADS PER S L BE REQU S PER SEC CAPING N CALIPER 2 1/2" 2 1/2" 1.5" MIN. 1.5" MIN.</td> <td>ECTION 5. IRED BET TION 5.6.1 OTE #12) HEIGHT 8' MIN. 4'-6'MIN. 4'-6'MIN. 18" - 24" 24" - 36" 18" - 24" 18" - 24" 18" - 24" 18" - 24" 18" - 24"</td> <td>6.13.A. AN WEEN THE 3.F. ROOT B &amp; B B &amp; B B &amp; B B &amp; B B &amp; B 3 GAL. 3 GAL. 3 GAL. 3 GAL.</td> <td>Image: No a SMALL         E CURB         COMMENTS         -</td> <td></td> <td></td> <td></td> <td></td> <td>Image: Second state in the second s</td> <td></td>	16         12         16         18         230         20         158         76         PE CA         RROCK -         PE CA         SHRUBS         DERSTORY         DERSTORY         DESTRESTORY         DESTRESTORY         DESTREST         DERSTORY         DERSTORY         DESTREST         DERSTORY         DERSTORY         DESTREST         DERSTORY         DERSTORY	AND TH TYPE S AND SIL TREE PLANTING S BOTANICAL NAME ACER RUBRUM ZELKOVA SERRATA CORNUS KOUSA LAGERSTROEMIA INDICA ILEX CRENATI HELLERI LOROPETALUM CHINENSE 'RUBY RED' RHAPHIOLEPIS INDICA ABELIA GRANDIFLORA 'EDWARD GOUCHER' TO BE INSTALLED AROUND ALL TH CULLATIONS: YERUE: TREES (DUE TO OVERHEAD LINES PER 100 LF RY TREES AND 42 SHRUBS. ES, 4 KOUSA DOGWOODS, HORNES, AND 21 HELLERI HOLLYS DRIVE: TREES (DUE TO OVERHEAD LINES PER 100 LF SY TREES AND 42 SHRUBS. ES, 4 KOUSA DOGWOODS, HORNES, AND 21 HELLERI HOLLYS DRIVE: TO SHRUBS PER 100 LF ES AND 20 SHRUBS PER 100 LF ES AND 20 SHRUBS PER 100 LF ES AND 37 INDIAN HAWTHORNES AZELKOVAS, LYS, AND 37 INDIAN HAWTHORNES A ZELKOVAS, LYS, AND 37 INDIAN HAWTHORNES SUM, 1 EXISTING 15" OAK, 1 EXISTI ZET TREES AND 42 SHRUBS PER 100 LF ES AND 42 SHRUBS BUM, 1 EXISTING 15" OAK, 1 EXISTI ZET TREES AND 15 SHURBS PER 100 LF ES AND 20 SHRUBS PER 100 LF ES AND 20	CURB ON ALL TOWN RO TREET TREE SPECIES WIL DEWALK ON NCDOT ROAD COMMON NAME RED MAPLE JAPANESE ZELKOVA KOUSA DOGWOOD CRAPE MYRTLE HELLERI HOLLY INDIAN HAWTHORNE GOUCHER ABELIA REE AND SHRUB AREAS.	ADS PER S L BE REQU S PER SEC CAPING N CALIPER 2 1/2" 2 1/2" 1.5" MIN. 1.5" MIN.	ECTION 5. IRED BET TION 5.6.1 OTE #12) HEIGHT 8' MIN. 4'-6'MIN. 4'-6'MIN. 18" - 24" 24" - 36" 18" - 24" 18" - 24" 18" - 24" 18" - 24" 18" - 24"	6.13.A. AN WEEN THE 3.F. ROOT B & B B & B B & B B & B B & B 3 GAL. 3 GAL. 3 GAL. 3 GAL.	Image: No a SMALL         E CURB         COMMENTS         -					Image: Second state in the second s	



## TURF NOTES:

- 1. CHISEL COMPACTED AREAS AND SPREAD TOPSOIL 3 INCHES DEEP OVER ADVERSE SOIL CONDITIONS, IF AVAILABLE.
- 2. RIP ENTIRE AREA TO 6 INCHES IN DEPTH.
- 3. REMOVE ALL LOOSE ROCK, ROOTS, AND OTHER OBSTRUCTIONS LEAVING SURFACE REASONABLY SMOOTH AND UNIFORM.
- 4. APPLY AGRICULTURAL LIME, FERTILIZER, AND SUPERPHOSPHATE
- UNIFORMLY AND MIX WITH SOIL (SEE BELOW\*).
- 5. CONTINUE TILLAGE UNTIL A WELL-PULVERIZED, FIRM, REASONABLY UNIFORM SEEDBED IS PREPARED 4 TO 6 INCHES DEEP.
- 6. SEED ON A FRESHLY PREPARED SEEDBED AND COVER SEED LIGHTLY WITH SEEDING EQUIPMENT OR CULTIPACK AFTER SEEDING.
- 7. MULCH IMMEDIATELY AFTER SEEDING AND ANCHOR MULCH.
- 8. INSPECT ALL SEEDED AREAS AND MAKE NECESSARY REPAIRS OR RESEEDINGS WITHIN THE PLANTING SEASON, IF POSSIBLE. IF STAND SHOULD BE OVER 60% DAMAGED, RE-ESTABLISH FOLLOWING ORIGINAL LIME, FERTILIZER AND SEEDING RATES.
- 9. CONSULT CONSERVATION INSPECTOR ON MAINTENANCE TREATMENT AND FERTILIZATION AFTER PERMANENT COVER IS ESTABLISHED. \*APPLY: AGRICULTURAL LIMESTONE - 2 TONS/ACRE (3 TONS/ACRE IN CLAY
- SOILS) FERTILIZER 1,000 LBS/ACRE 10-10-10 SUPERPHOSPHATE -500 LBS/ACRE 20% ANALYSIS MULCH - 2 TONS/ACRE - SMALL GRAIN STRAW ANCHOR - ASPHALT EMULSION @ 300 GALS/ACRE SOD PREPARATION:

FOLLOW PREPARATION AS DIRECTED FOR STEPS 1-5 ABOVE. IMMEDIATELY WATER SOD UPON INSTALLATION AND CONTINUE UNTIL ROOTS ARE ESTABLISHED.

- 10. CONTRACTOR SHALL WATER AND MAINTAIN ALL LAWN AREAS UNTIL AN ACCEPTABLE STAND OF GRASS HAS BEEN ESTABLISHED.
- 11. ONCE AN ACCEPTABLE STAND OF GRASS HAS BEEN ESTABLISHED, THE CONTRACTOR SHALL REPAIR ALL DAMAGED AREAS AND MONITOR THE LAWN AREAS UNTIL THE GRASS REACHES A HEIGHT OF 4 INCHES TALL.
- 12. AT THE TIME THE GRASS REACHES A HEIGHT OF 4 INCHES TALL, THE CONTRACTOR SHALL MOW THE GRASS TO THE HEIGHT OF 3 INCHES AND TURN OVER THE LAWN MAINTENANCE TO THE OWNER.
- 13. AN ACCEPTABLE STAND OF GRASS SHALL BE 92% COVERAGE OR BETTER.

## LANDSCAPE NOTES:

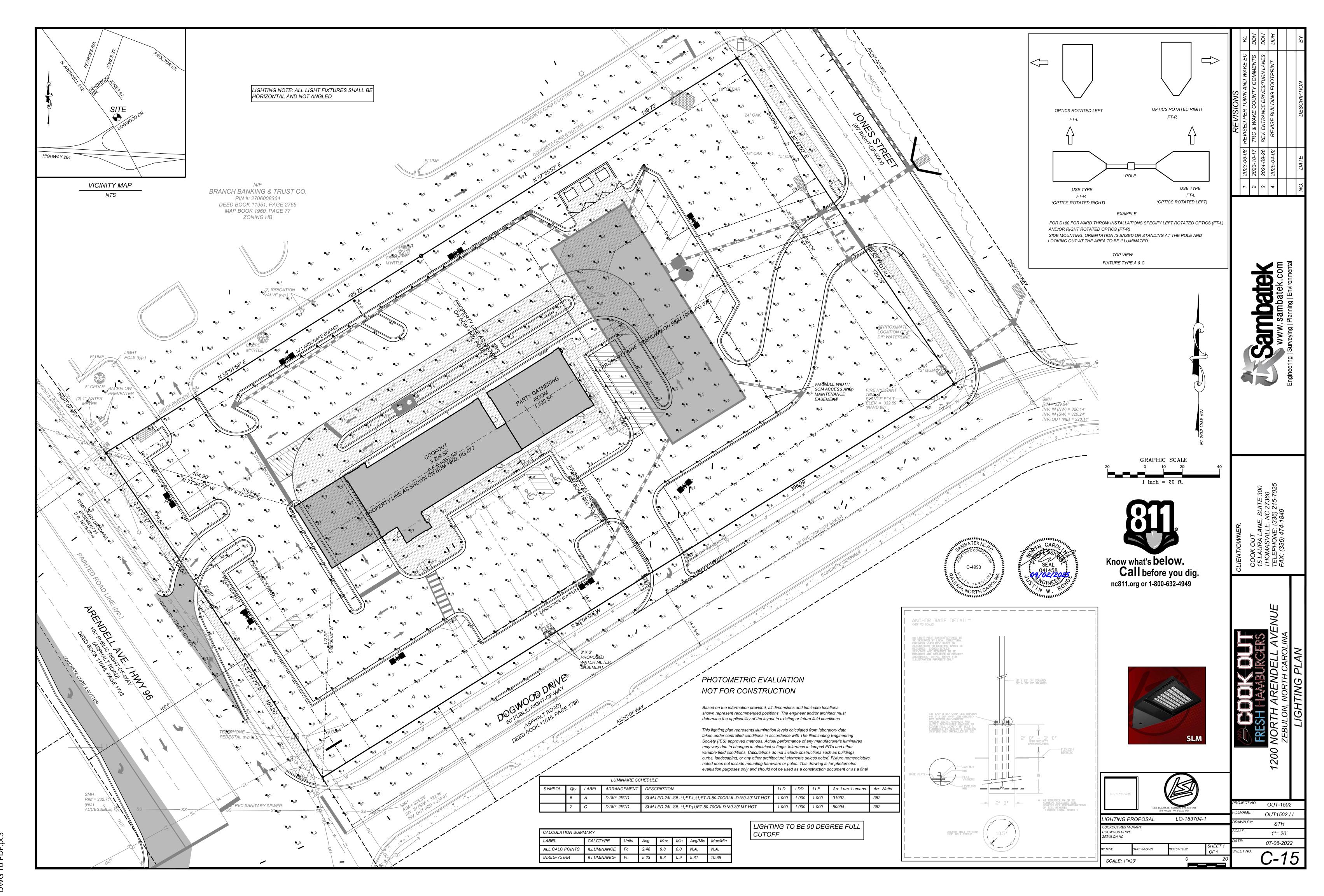
- THE GENERAL CONTRACTOR SHALL LEAVE THIS SITE AT FINISHED GRADE. THE LANDSCAPE CONTRACTOR SHALL REVISE GRADES AT A MINIMUM TO ENSURE SMOOTH TRANSITIONS BETWEEN PLANTING BEDS AND LAWN AREAS.
- PLANT GUARANTEE: ALL PLANTS SHALL BE GUARANTEED TO LIVE FOR TWELVE MONTHS. THE GUARANTEE SHALL COMMENCE UPON FINAL ACCEPTANCE OF THE PROJECT. IF ANY PLANTS ARE DEAD OR IN AN UNHEALTHY CONDITION BEFORE FINAL ACCEPTANCE, THE LANDSCAPE CONTRACTOR SHALL REPLACE THEM AT HIS EXPENSE. THIS REPLACEMENT SHALL NOT BE CONSIDERED A GUARANTEED REPLACEMENT.
- ALL PLANTING SHALL BE PLACED WITHIN A MULCHED PLANTING BED. ALL STRAPPING AND THE TOP 2/3 OF WIRE BASKETS MUST BE CUT AWAY AND REMOVED FROM ROOT BALLS PRIOR TO BACKFILLING PLANTING PIT. REMOVE TOP 1/3 OF BURLAP FROM ROOT BALL.
- 4. ALL LANDSCAPE WORK SHALL BE IN ACCORDANCE WITH CURRENT CITY STANDARD DETAILS AND SPECIFICATIONS.
- 5. ALL AREAS NOT MULCHED SHALL BE SEEDED OR SODDED IN ACCORDANCE WITH THE AREA SPECIFIED ON PLANS WITH "REBEL II" HYBRID TALL FESCUE OR EQUIVALENT AS PRESCRIBED IN THE SEEDING SCHEDULE AS SHOWN ON THIS SHEET.
- 6. SITE LIGHTING SHALL NOT BE PLACED IN CONFLICT WITH PLANTED TREES. 7. TREE PROTECTION FENCING TO BE PROVIDED AROUND TREE PRESERVATION
- AREAS IN ACCORDANCE WITH CITY STANDARDS.
- 8. COORDINATE ALL WORK WITH SITE LAYOUT AND SITE GRADING, DRAINAGE & UTILITIES PLAN.
- 9. VERIFY LOCATION OF UTILITIES BEFORE PLANTING.
- 10. MULCH ALL AREAS, THAT ARE NOT SEEDED OR SODDED, WITH SHREDDED HARDWOOD MULCH TO A DEPTH OF 3" - 4".
- 11. THE SELECTION AND INSTALLATION OF PLANTS AND PLANTING METHODS SHALL CONFORM WITH THE STANDARDS OF THE AMERICAN ASSOCIATION OF NURSERYMEN OR THE CITY STANDARD DETAILS AND SPECIFICATIONS, WHICHEVER IS STRICTER.
- 12. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES. DRAWINGS SHALL RULE OVER PLANT LISTS.
- 13. SUBSTITUTIONS SHALL BE SUBMITTED TO LANDSCAPE ARCHITECT FOR APPROVAL, PRIOR TO INSTALLATION, SUBSTITUTIONS MAY REQUIRE ADDITIONAL APPROVAL BY THE GOVERNING JURISDICTION.
- 14. ALL LANDSCAPING SOIL AND FILL SHALL BE FREE FROM WEEDS, REFUSE, AND DEBRIS AT ALL TIMES.
- 15. TREES AND LARGE SHRUBS SHALL BE ADEQUATELY SUPPORTED, AS NECESSARY, USING STAKES AND GUYS. SUCH SUPPORTS SHALL BE DESIGNED SO AS TO PROTECT TREES AND SHRUBS FROM INJURY. TREES AND SHRUBS SHALL BE FASTENED TO THE SUPPORT WITH AN ACCEPTABLE COMMERCIAL TREE TIE OF PLASTIC OR HOSE COVERED WIRE.
- 16. THE MAXIMUM GROWTH HEIGHT OF ANY LANDSCAPING WITHIN THE SIGHT TRIANGLE SHALL BE THREE (3) FEET IN HEIGHT.
- 17. PLANTING SOIL TO BE USED SHALL HAVE THE FOLLOWING CHARACTERISTICS: FERTILE, FRIABLE, NATURAL TOPSOIL OF LOAMY CHARACTER, WITHOUT ADMIXTURE OF SUBSOIL MATERIAL, OBTAINED FROM WELL-DRAINED ARABLE SITE, REASONABLY FREE FROM CLAY, LUMPS, COARSE SANDS, STONES 1 INCH AND LARGER, PLANTS, GRASS, WEEDS, ROOTS, STICKS, AND OTHER FOREIGN MATERIALS, TOPSOIL SHALL CONFORM TO ASTM D5268 WITH A PH RANGE OF 5.5 TO 7, AND A MIN. 4 PERCENT ORGANIC MATERIAL.

HDD PDH PDH	ВҮ
REVISIONS         2023-06-08       REVISED PER TOWN AND WAKE EC         2023-10-17       TRC & WAKE COUNTY COMMENTS         2023-10-26       REV. ENTRANCE DRIVES/TURN LANES         2025-04-02       REVISE BUILDING FOOTPRINT	DESCRIPTION
1     2023-06-08     R       2     2023-10-17     1       3     2023-100-26     F       4     2025-04-02	NO. DATE
CLIENT/OWNER: COOK OUT 15 LAURA LANE, SUITE 300 15 LAURA LANE, SUITE 300 15 LAURA LANE, SUITE 300 15 LAURA LANE, SUITE 300 THOMASVILLE, NC 27360 THOMASVILLE, NC 27360 TELEPHONE: (336) 474-1849 FAX: (336) 474-1849 FAX: (336) 474-1849	
CIENCE COUNTRY COUNT FRESH HAMBURGERS NORTH ARENDELL AVENUE ZEBULON, NORTH CAROLINA	ANDSCAPE DETAILS AND NOTES
1200	
PROJECT NO. OUT-1502 FILENAME: OUT1502-LS DRAWN BY: STH SCALE: 1"= 20' DATE: 07-06-2022	

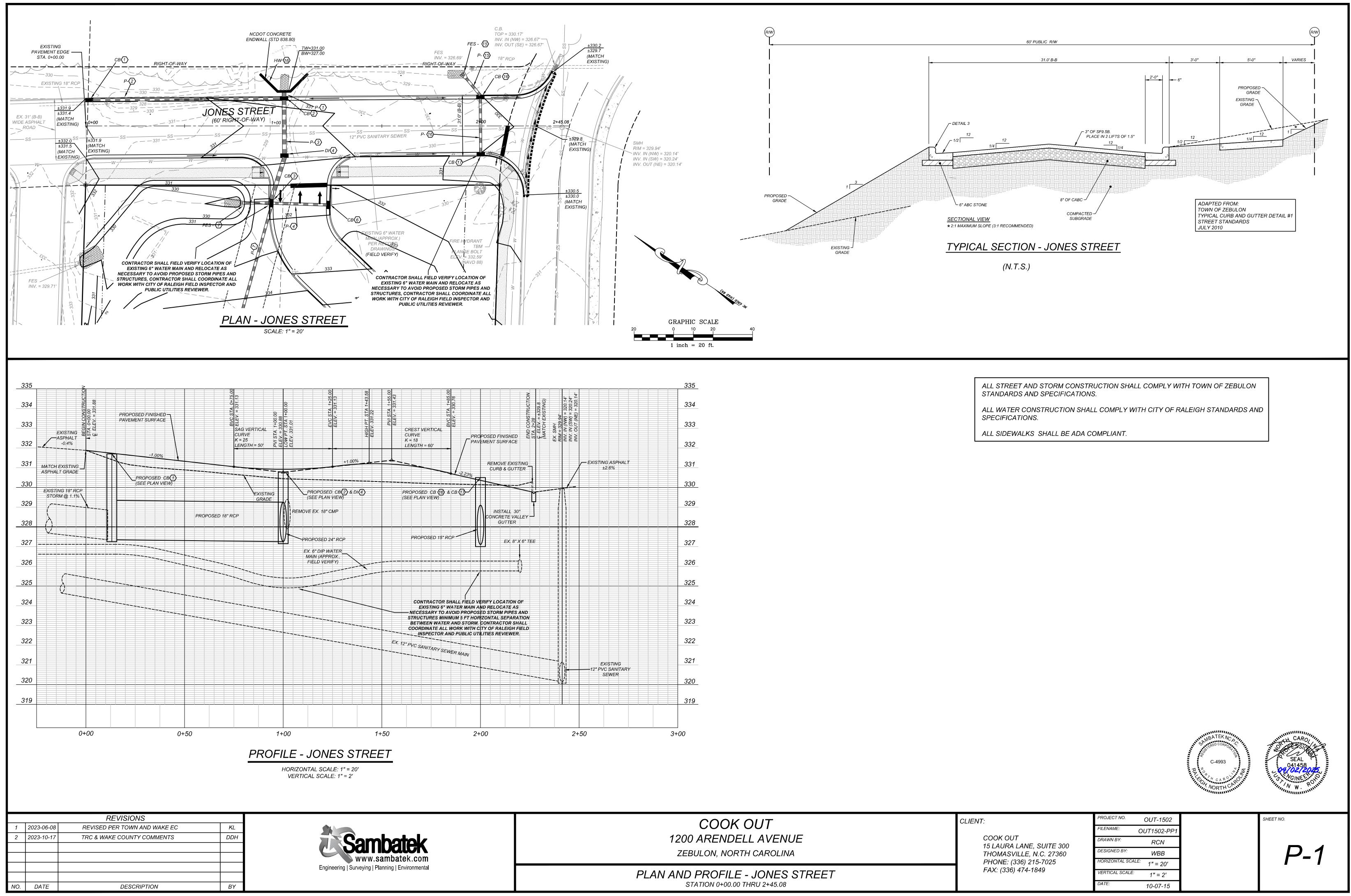


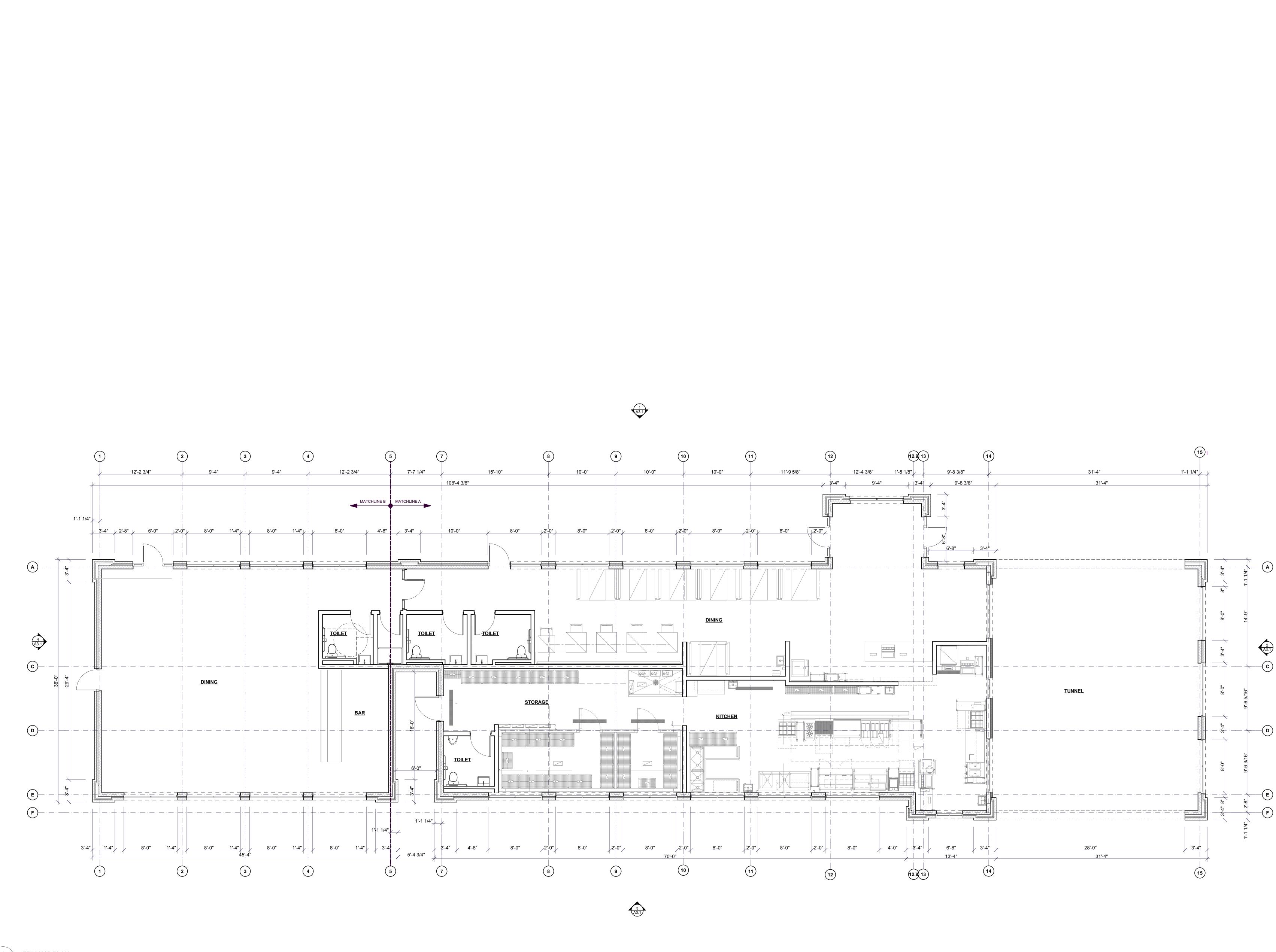






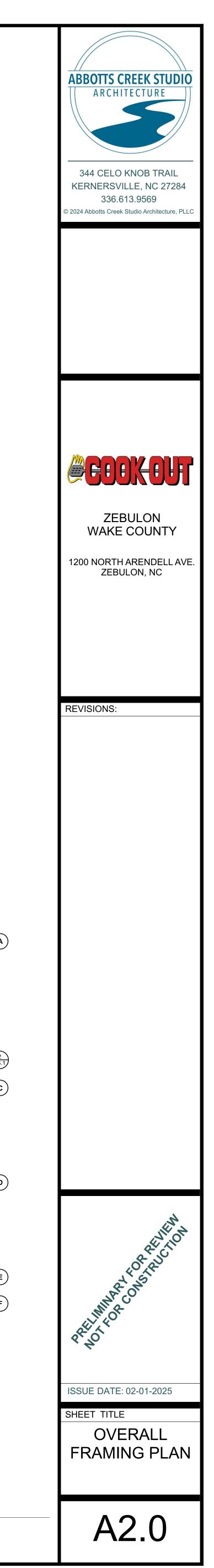
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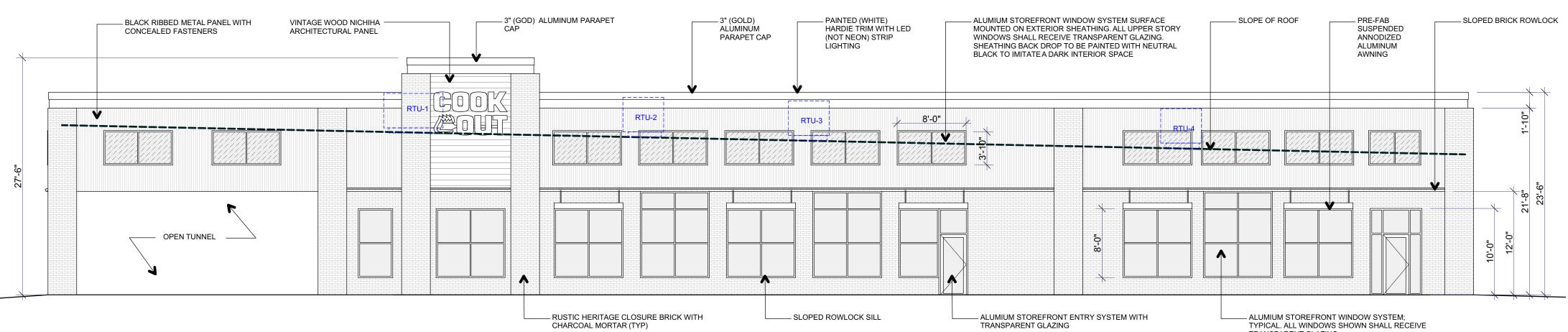
 1
 FRAMING PLAN

 A2.0
 SCALE: 3/16" = 1'-0"



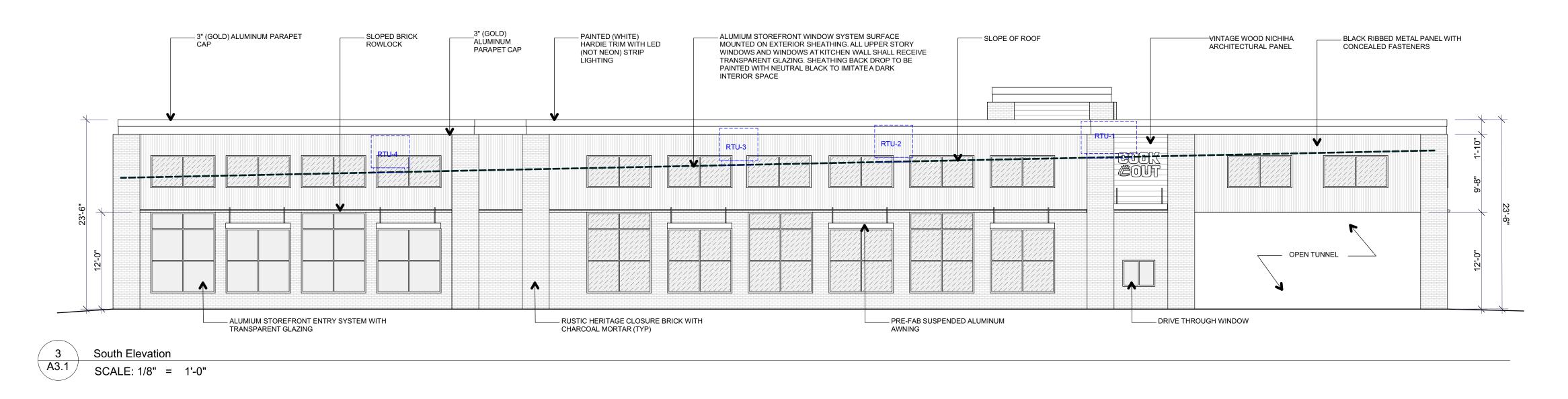


PHOTOGRAPH OF COOKOUT PROTOTYPE FOR VISUAL REPRESENTATION OF RIBBED METAL PANEL





North Elevation SCALE: 1/8" = 1'-0"



- EXAMPLE OF VERTICAL RIBBED METAL PANEL AWNING AND RED TRIM DO NOT APPLY TO THIS PROJECT SEE ELEVATIONS

- THIS SIGNAGE DOES NOT APPLY TO THIS PROJECT. SEE ELEVATIONS

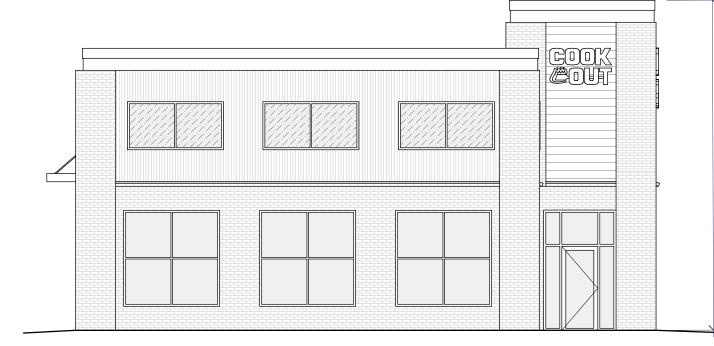
## EXTERIOR MATERIAL LEGEND

INDICATES RIBBED METAL PANEL WITH CONCEALED FASTENERS; SEE FINISH SPECIFICATIONS
INDICATES TRANSPARENT GLAZING WITH SHEATHING BACK DROP PAINTED NEUTRAL BLACK TO IMITATE A DARK INTERIOR SPACE
INDICATES TRANSPARENT GLAZING INTO INTERIOR SPACE
INDICATES WOOD ARCHITECTURAL PANEL; SEE FINISH SPECIFICATIONS

INDICATES BRICK VENEER; SEE FINISH SPECIFICATIONS

BRICK VENEER SPECIF	ICATION:	a lange to be
MANUFACTURER: BRICK SERIES:	STATESVILLE BRICK CO. RUSTIC HERITAGE CLOSURE BRICK AUTHENTIC TUMBLED SERIES	
MORTAR COLOR:	CHARCOAL (TYPE S)	RUSTIC HERITADE CLOSURE
NICHIHA ARCHITECTUR	AL WALL PANEL SPECIFICATION:	NUMBER PROTOCOL
PANEL SERIES:	VINTAGEWOOD	
FINISH / COLOR:	MATTE / SPRUCE	
PANEL ORIENTATION: MATERIAL TYPE:	FIBER CEMENT	NICHIER
		VINTAGEWOOD: SPRUCE
PREFERRED META	L PANEL SPECIFICATION:	
MANUFACTURER: E		
	HR-16 MATTE BLACK METAL	
	NSTALL VERTICALLY	
PLAN COLOR: MANUFACTURER:	BLACK SHERWIN-WILLIAMS	
PRODUCT NUMBER:	SW 6990	•
PRODUCT NAME:	CAVIAR	🎄 SHERWIN-WILLAM
PAINT FINISH:	FLAT	5W 6900
PLAN COLOR:	WHITE	
MANUFACTURER:	SHERWIN-WILLIAMS	
PLAN COLOR: MANUFACTURER: PRODUCT NUMBER:	SW 7070	2
PRODUCT NAME:	SITE WHITE	🍝 SHERWIN-WILLIAMS
PAINT FINISH:	FLAT	SW 7070
PLAN COLOR:	GOLD	
MANUFACTURER:		
	DED OWNED	
PRODUCT NUMBER:		
PRODUCT NUMBER: PRODUCT NAME: PAINT FINISH:	PER OWNER FLAT	💑 Socravae-Walland

TRANSPARENT GLAZING





East Elevation SCALE: 1/8" = 1'-0"

1 



4West ElevationA3.1SCALE: 1/8" SCALE: 1/8" = 1'-0"

