



TOWN OF ROLESVILLE WAKE COUNTY, NORTH CAROLINA SITE DEVELOPMENT PLAN SUBMITTAL TOWN OF ROLESVILLE PROJECT # SDP-24-08

SITE INFORMATION:	
	115 W YOUNG STREET
	ROLESVILLE, NC 27571
COUNTY:	WAKE COUNTY
COUNTY: PARENT PIN:	1769014849
DB/PG:	019630/02036
ZONING:	GC-CZ - GENERAL COMMERCIAL
	CONDITIONAL ZONING PER
	REZ-23-07 APPROVED ON 05/07/2024
ACREAGE:	0.57 AC
BUILDING SETBACK MINIMUMS:	
FRONT:	20'
SIDE:	15'
REAR:	35'
STREET YARD BUFFER	30'
BUILDING DATA:	
PROPOSED USE:	PROFESSIONAL OFFICE
OFF-STREET PARKING:	
COMMERCIAL SPECIFICATION:	2/1000 SQ FT
BLDG SQ FT: REQUIRED PARKING:	1,325 SQ FT
REQUIRED PARKING:	3 PARKS
PROVIDED PARKING:	5 STANDARD
· · · ·	1 VAN ACCESSIBLE H/C
TOTAL PARKS:	<u>5+1=6 PARKS</u>
IMPERVIOUS AREAS:	
TOTAL EXISTING IMPERVIOUS:	7.673 SQ FT (0.18 AC)
TOTAL PROPOSED IMPERVIOUS:	
	·



SDP-24-08 / Site Development Plan / 115 W. Young St. (The Joel Fund) APPROVED

Date: January 13, 2025

Meredith Stuber

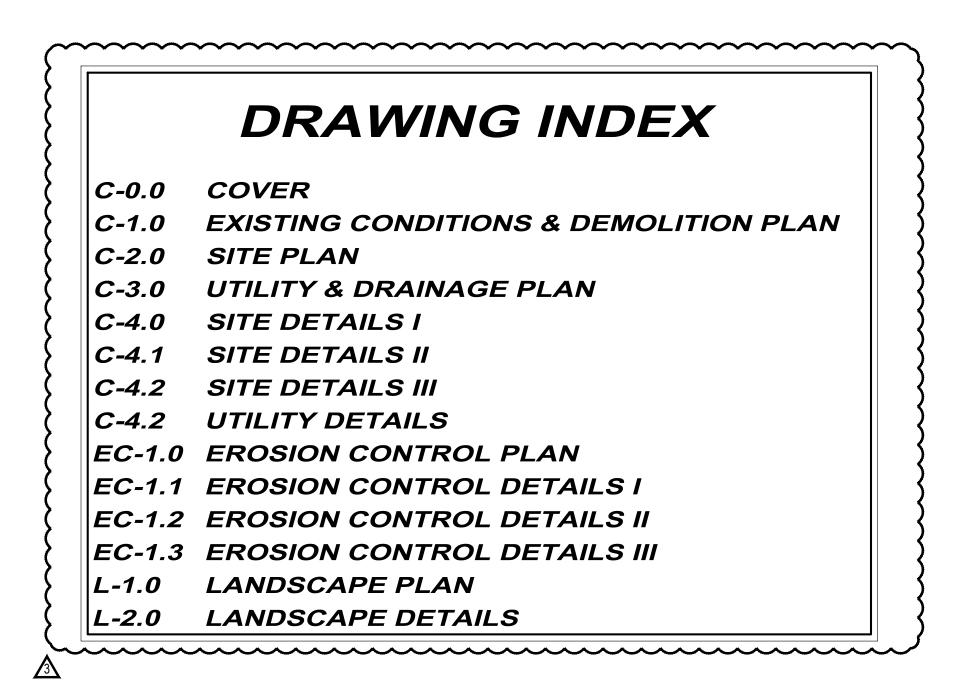
Town of Rolesville Planning Department

NC License # P-0799 PO Box 2018 205 S. Fuquay Ave Fuquay-Varina, NC 27526 919.552.0849 (o) **Contact: Andy Petty, PE** andy@curryeng.com

			REVIS		PROFESSIONAL'S SEAL	CONSULTANT
	1	12/02/2024	TOWN OF R	OLESVILLE COMMENTS		
	2	1/06/2025		OLESVILLE COMMENTS		
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i I	DATE:	AUGUST 30,	2024	HORZ. SCALE:	S. F. KIN	
5					04/22/2026	
2	FILE N	0. 2024-033		ORIG. SHEET SIZE: 24 x 36	04/23/2025	

THE JOEL FUND

1ST SUBMITTAL TO TOWN OF ROLESVILLE FOR REVIEW: SEPTEMBER 18, 2024 2ND SUBMITTAL TO TOWN OF ROLESVILLE FOR REVIEW: DECEMBER 2, 2024 3RD SUBMITTAL TO TOWN OF ROLESVILLE FOR REVIEW: JANUARY 6, 2025 4TH SUBMITTAL TO TOWN OF NCDOT FOR REVIEW: APRIL 10, 2025



Civil Engineer:

The Curry Engineering Group, PLLC

Surveyor:

James W. Nipper Land Surveying 5707 Hilltop Road Raleigh, North Carolina, 27603 Phone: 919-917-7080 **Contact: James Nipper** Email: nippersurveying@gmail.com

Land Owner:

The Joel Fund 822 S White St Ste 116 Wake Forrest, NC 27587 Phone: **Contact: Brooke Dickhart** Email: brooke@joelfund.org





The Joel Fund 822 S White St, Suite 116 Wake Forrest, NC 27587 919.418.9042 **Contact: Brook Dickhart** email: brooke@joelfund.org

EXHIBIT /

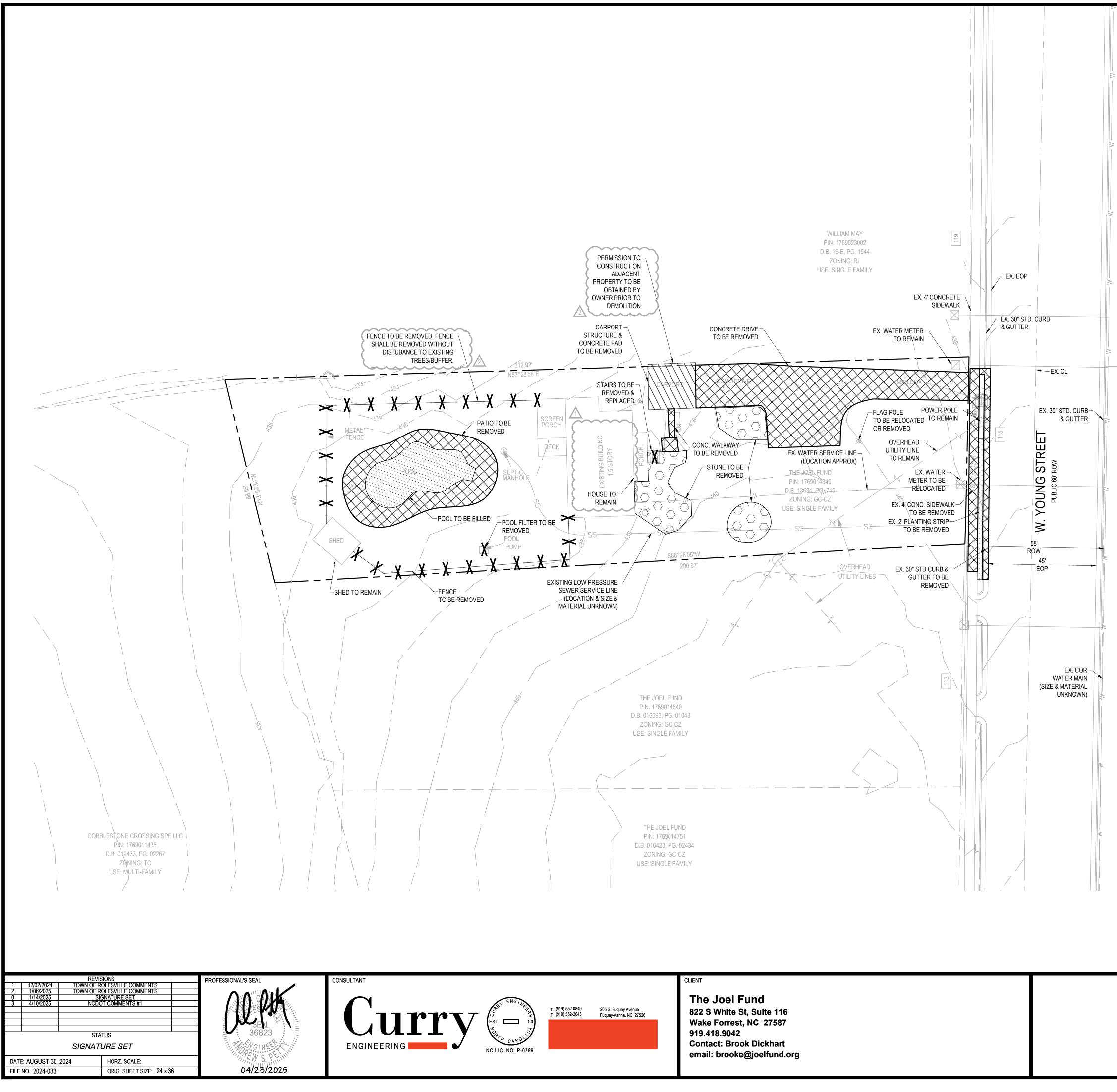
REZ-23-07 / 111, 113, 115 W. Young Street --- LDO Table 5.1 Permitted Principal Use Table

The General Commercial (GC) District Permits 48 total Zoning Uses – 40 are Permitted By-right, while 8 Require a Special Use Permit approval by Town BOC The Property shall be governed by the below modified list of Permitted Uses - Prohibiting 20 and thereby Permitting 24 By-right, and 4 by Special Use Permit

RESIDENTIAL Dwelling,	Assembly /	CIVIC Public Safety Facility	Eating Establish.	COMMERCIAL Event Center	Retail Sales & Service,	OFFICE/MEDICAL Dental Facility	INDUSTRIAL Artisanal	INFRASTRUCTUR Minor Utility
Upper-Story Unit	Church Cultural Facility	Parks / Public		Funeral Home	Neighborhood Retail Sales & Service –	Medical Facility	Manufacturing	Major Utility
	Govt. Office	Recreation Preserved Open Space		Recreation, Indoor	Community	Professional Office		Minor Transportati
	Lodge or Private	Public Facilities		Recreation, Outdoor				Installation Water Storage Ta
	clubs			neereation, outdoor				
ermitted by	Special Use P	Permit – _4		COMMERCIAL		OFFICE/MEDICAL	INDUSTRIAL	INFRASTRUCTU
		Social Services	Lodging			OFFICE/WIEDICAL	INDUSTRIAL	Major Transportat
								Installation Telecom. Tower
ROHIBITED -	·_20_							
RESIDENTIAL		CIVIC	DI.	COMMERCIAL	Calf Course	OFFICE/MEDICAL		INFRASTRUCTU
	College/University	Schools K-12	Bank	Commercial Parking	Golf Course	Animal Care	Flex	
	Day Care		Bars and Nightclubs		Retail Sales & Service – Shopping Center	Hospital	Fulfillment Center	
			Breweries and Distilleries	Gas Station	Tattoo Establishment	Urgent Care		
			Vehicle Rental and Sales	Vehicle, Minor Service	Vape & Tobacco Store			
	a		Conditi	* 7, W. Young Stre ons of Approval				
		4 	Ap	ril 29, 2024	5			
		Uses per Ex			ning (GC-CZ) D ses by Special (er.
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		958 (.e.)	1996 BY:		all be permitted or	2 2		
	 Nonresid not exceed 	ential uses sha d 30,000 squa	Il not be less c feet of gros	than 5,000 squa is floor area	re feet of gross flo	for area, and s	hall	
Ur B		quare feet of g			velopment Plan th I Medical Uses a			2
2	(Deed B		ge 1043, Wa		7. Young Street (P stry) shall be filed			
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50	113 W. N structure shall sen	Young Street (17 through photo I the document	IN 1769-01- graphs and do ation to the T	4840), the Devel tailed exterior el own of Rolesvill	emoval of the sing opment shall doct evation drawings, e Planning Depart ient will allow any	iment the exist The Developm ment and Board	ing = ient 1 of	Φ α
	individua to the D relocatin without 1 will prov notice sh	il, or for-profit evelopment and g the single-fa imitation, secu- ide general pul- all occur at fea	entity to relo nd without p mily home ring all perm lic notice in t st 180 days p	cate any of the ex ayment to the I is solely respon its and approval- he News & Obser prior to the sched	Isting single-fami Development, so sible for the relo vequired by law veriof the offer for uled demolition of hat has not beem	ly home at no c long as the p cation, includ The Developm relocation Pu Mhe single-fan	ing, ing, ing, ing, inf, inf,	т) Х
	days pric materials	or to demolitio for its reuse, ion at least 15	n, and after t the Develop	he Development	has removed any he Town of Role c significance and	ftems or build sville of any fo building mater	ing cal ials	
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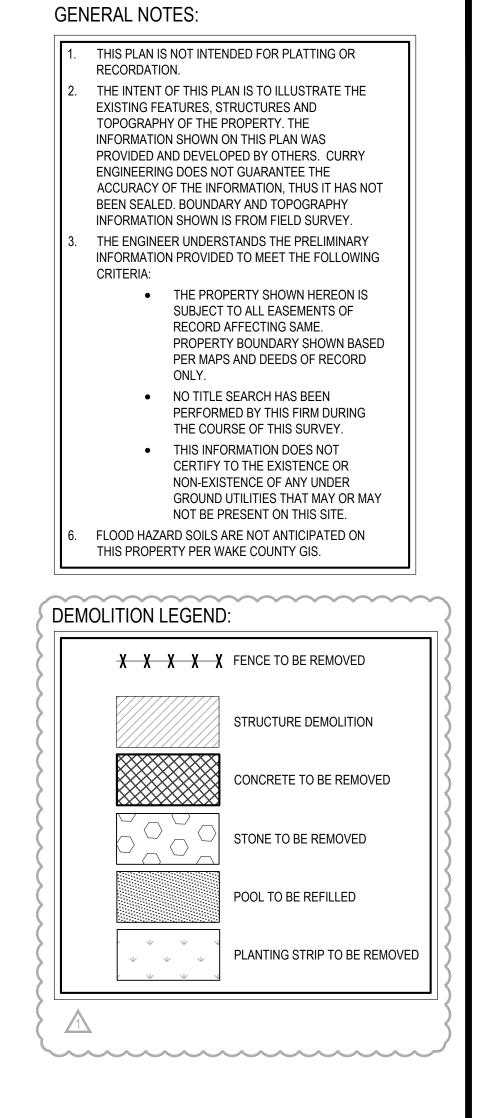
CONSTRUCTION DRAWINGS THE JOEL FUND - SDP-24-08 COVER

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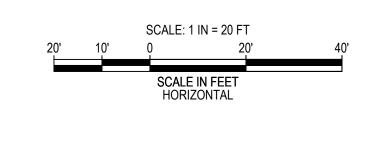
EXISTING CONDITIONS LEGEND:

¢	PKN = PK NAIL								
	CONCRETE MONUMENT								
0	SIGN								
•	EIP = EXISTING IRON PIPE								
õ	POWER POLE								
~	GUY WIRE								
	CURB INLET								
-0-	FIRE HYDRANT								
	WM = WATER METER								
*	LIGHT POLE								
S	SANITARY SEWER MANHOLE								
	YARD INLET								
0	IPS = IRON PIPE SET								
GV	GV = GAS VALVE								
	PROPANE TANK								
*	LP = LIGHT POLE								
0	BOLLARD								
+0+	TELEPHONE POLE								
X	WV = WATER VALVE								
ΞΞ	HB = HOT BOX								
\bigcirc	SCO = SEWER CLEANOUT								
\bigcirc	FLAG POLE								
W	WELL								
\square	GAS TEST STATION								
	SEPTIC TANK								
1	MAIL BOX								
A/C	AIR CONDITIONING UNIT								
G	GAS METER								
\odot	ELECTRIC METER								
`ốć	ICV = IRRIGATION CONTROL VALVE								
R/W =	R/W = RIGHT-OF-WAY								
XXX	DENOTES ADDRESS								
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STOR	RM LINE								
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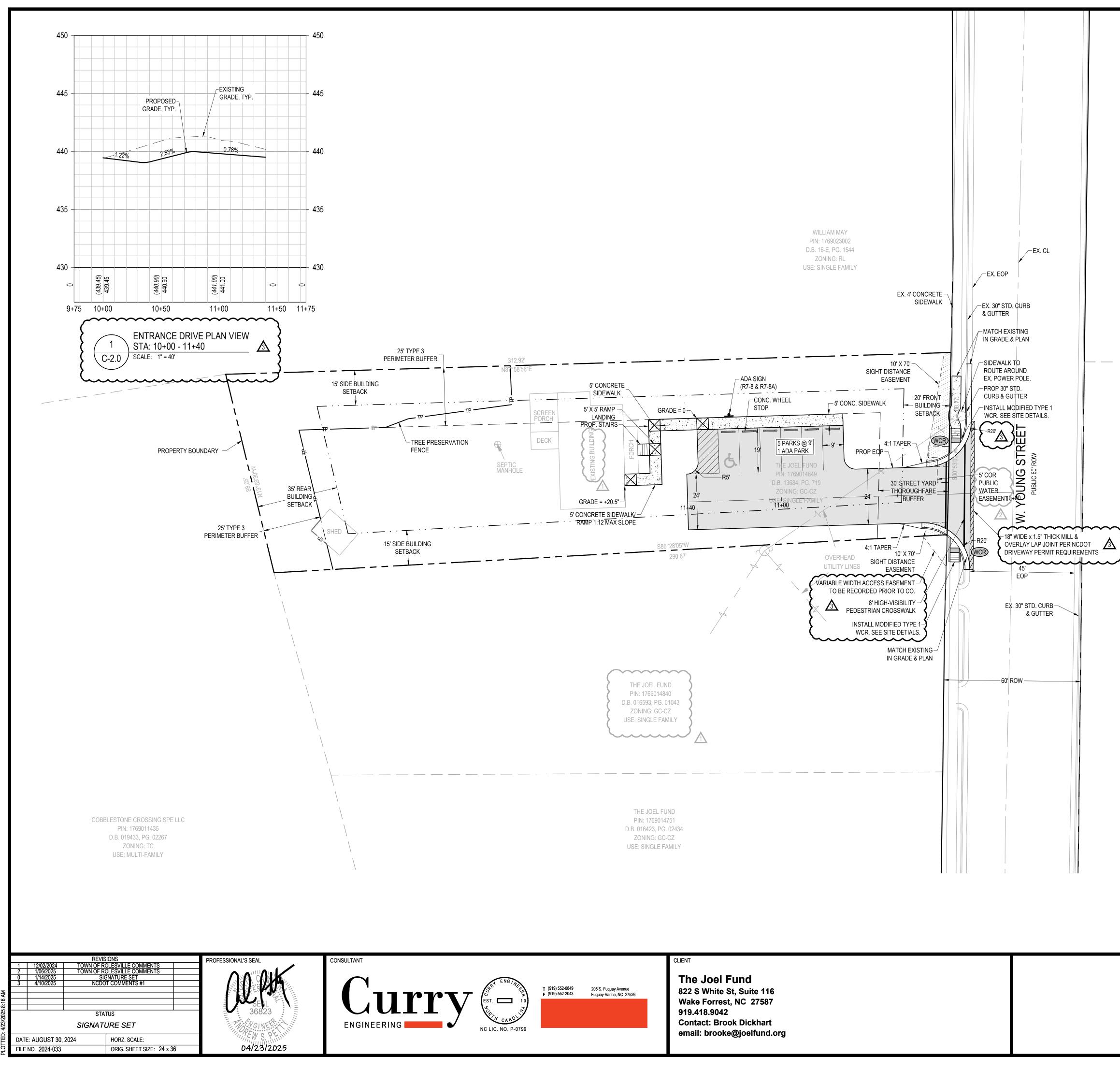
Surveyor:

James W. Nipper Land Surveying 5707 Hilltop Road Raleigh, North Carolina, 27603 Phone: 919-917-7080 Contact: James Nipper Email: nippersurveying@gmail.com



CONSTRUCTION DRAWINGS THE JOEL FUND - SDP-24-08 **EXISTING CONDITIONS & DEMOLITION PLAN**

C-1.0



GENERAL NOTES:

- ALL CONSTRUCTION SHALL BE PER TOWN OF ROLESVILLE STANDARDS AND SPECIFICATIONS.
- ALL DIMENSIONS ARE IN FEET AND EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- ALL SITE ELEMENTS ARE PERPENDICULAR TO EACH OTHER UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL CONTACT ALL OWNERS OF EASEMENTS, RIGHT-OF-WAYS AND UTILITIES, PUBLIC OR PRIVATE, BEFORE WORKING IN THESE AREAS.
- PROTECT ALL PROPERTY MONUMENTS AND PINS. MONUMENTS AND PINS THAT WILL BE DISTURBED DURING CONSTRUCTION SHALL BE REFERENCED AND REPLACED BY A LICENSED LAND SURVEYOR AT THE COST OF THE CONTRACTOR.
- CONTRACTOR SHALL MAINTAIN THE SITE IN SUCH A MANNER THAT WORKMEN AND THE PUBLIC WILL BE PROTECTED FROM INJURY AND ADJOINING
- PROPERTY PROTECTED FROM DAMAGE CONTRACTOR SHALL REMOVE ALL TRASH AND DEBRIS FROM THE SITE UPON COMPLETION OF THE PROJECT AND AT LEAST ONCE A WEEK DURING CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ANY EXISTING ITEM AND/OR MATERIAL DUE TO CONSTRUCTION OPERATIONS. ALL STREET SURFACES, UTILITY POLES, CULVERTS, DITCHES, CURB AND GUTTER OR OTHER STRUCTURES THAT ARE DISTURBED OR DAMAGED IN ANY MANNER AS A RESULT OF CONSTRUCTION SHALL BE REPLACED OR REPAIRED BY THE CONTRACTOR IN ACCORDANCE WITH THE APPROPRIATE SPECIFICATIONS.
- IF DEPARTURES FROM THE DRAWINGS OR SPECIFICATIONS ARE DEEMED NECESSARY BY THE CONTRACTOR, DETAILS OF SUCH DEPARTURES AND REASONS THEREOF SHALL BE SUBMITTED IN WRITING TO THE FACILITY DESIGNER FOR REVIEW. NO DEPARTURES FROM THE CONTRACT DOCUMENTS WILL BE ALLOWED WITHOUT APPROVAL BY THE FACILITY DESIGNER.
- ANY AND ALL QUANTITIES SHOWN OR IMPLIED ON THE PLANS ARE FOR ESTIMATION PURPOSES ONLY. APPROVAL OF THIS PLAN IS NOT AN AUTHORIZATION TO GRADE ADJACENT PROPERTIES. WHEN FIELD CONDITIONS WARRANT OFF-SITE GRADING, PERMISSION MUST BE OBTAINED FROM THE AFFECTED PROPERTY OWNERS.
- PARKING LOT STRIPING SHALL BE WHITE, SIGN POLES, TRAFFIC BOLLARDS AND LIGHT POLE BASES SHALL BE PER OWNER.
- 3. A SEPARATE SIGN PERMIT WILL HAVE TO BE SUBMITTED TO THE TOWN OF ROLESVILLE FOR SIGNAGE AS A SEPARATE PROCESS.
- 14. ANY FLAG POLES SHALL BE NO MORE THAN 30' IN HEIGHT WITH A MAXIMUM FLAG SIZE OF 40 SQUARE FEET. 5. ANY RETAINING WALL OVER 4' TALL WILL REQUIRE A BUILDING PERMIT.
- EXISTING BUILDING IS GRANDFATHERED FROM CURRENT BUILDING SETBACKS AS BUILDING PRE-DATES CURRENT SETBACK DIMENSION. NO NEW BUILDING OR BUILDING EXPANSION MAY ENCROACH INTO SETBACKS.

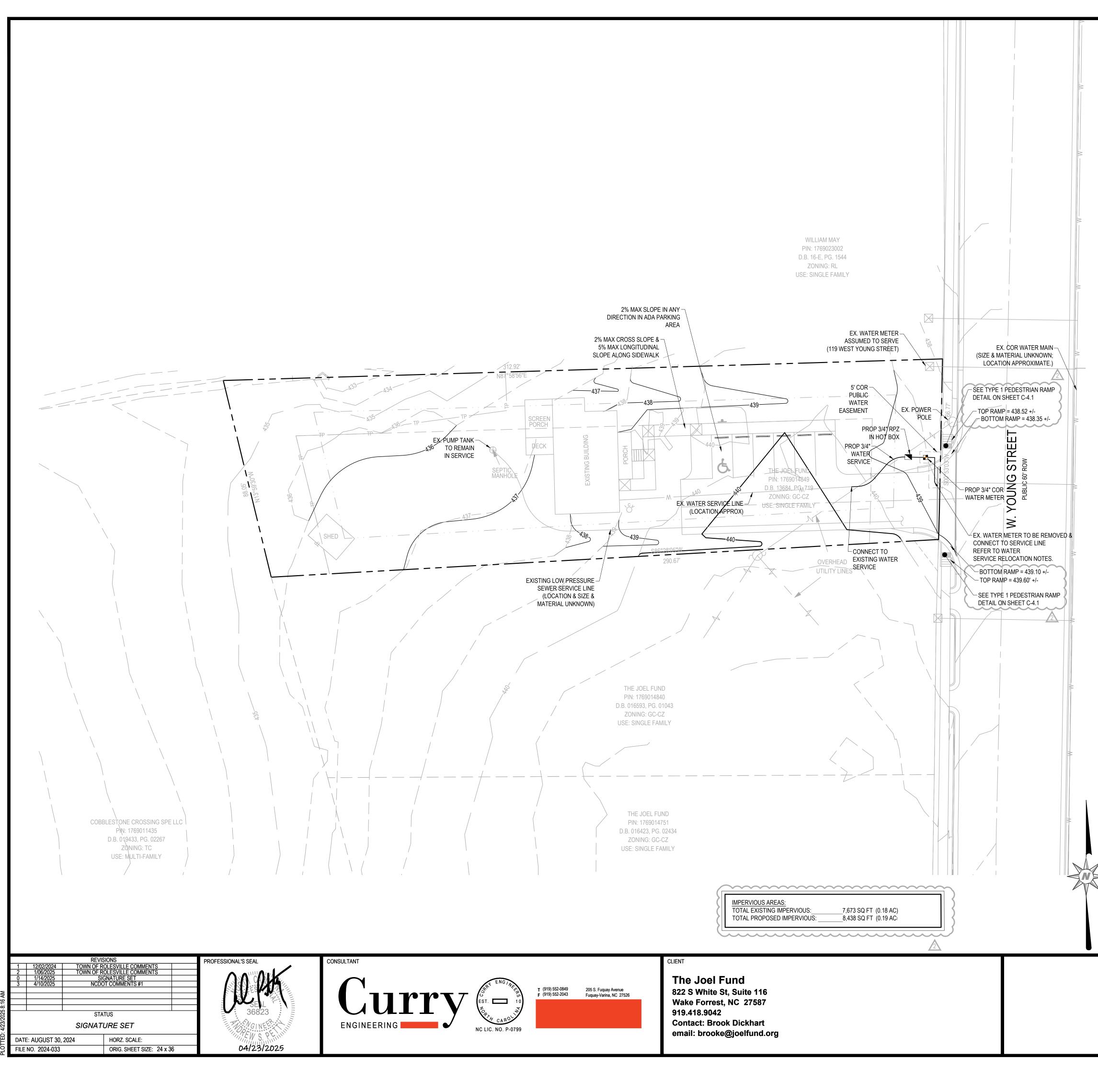
SITE LEGEND:

WCB	WHEELCHAIR RAMP
	SIGN RIGHT OF WAY LINE
	UTILITY/ACCESS EASEMENT
	PERIMETER BUFFER LINE BUILDING SETBACK LINE STANDARD CURB & GUTTER TREE PRESERVATION FENCE WHEEL STOP ADA LANDING
	CONCRETE SIDEWALK
	ASPHALT PAVEMENT
	SIGHT DISTANCE EASEMENT
	18" MILL & OVERLAY

COUNTY: PARENT PIN: DB/PG: CONING:	ROLESVILLE, NC 27571 WAKE COUNTY			
PARENT PIN:	WAKE COUNTY			
PARENT PIN:				
)B/PG: 'ONING:	1769014849			
	019630/02036 GC-CZ - GENERAL COMMERCIAL			
	CONDITIONAL ZONING PER			
CREAGE:	REZ-23-07 APPROVED ON 05/07/2024			
UILDING SETBACK MINIMUMS:				
RONT:	20'			
IDE:	15' 35'			
EAR	33			
TREET YARD BUFFER	30'			
BUILDING DATA:				
ROPOSED USE:	PROFESSIONAL OFFICE			
OFF-STREET PARKING:				
	2/1000 SQ FT			
COMMERCIAL SPECIFICATION: BLDG SQ FT: REQUIRED PARKING:	1,325 SQ FT 3 PARKS			
ROVIDED PARKING:				
OTAL PARKS:	1 VAN ACCESSIBLE H/C 5+1= 6 PARKS			
MPERVIOUS AREAS:				
OTAL EXISTING IMPERVIOUS: OTAL PROPOSED IMPERVIOUS:	7,673 SQ FT (0.18 AC) 8 438 SQ FT (0.19 AC)			
		- 20' 10'	SCALE: 1 IN = 20 FT 0 20'	40'
			SCALE IN FEET HORIZONTAL	
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SITE PLAN

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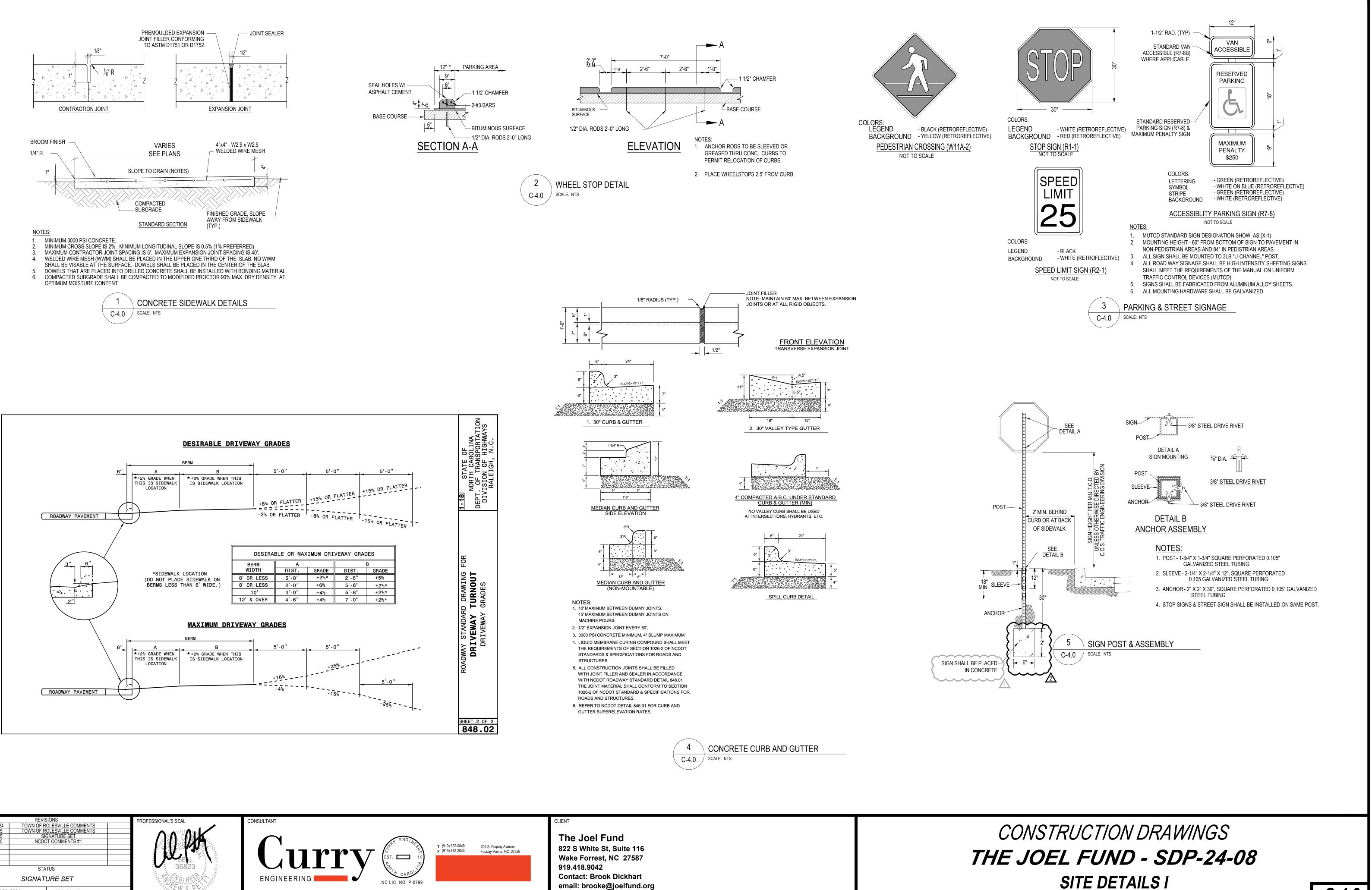


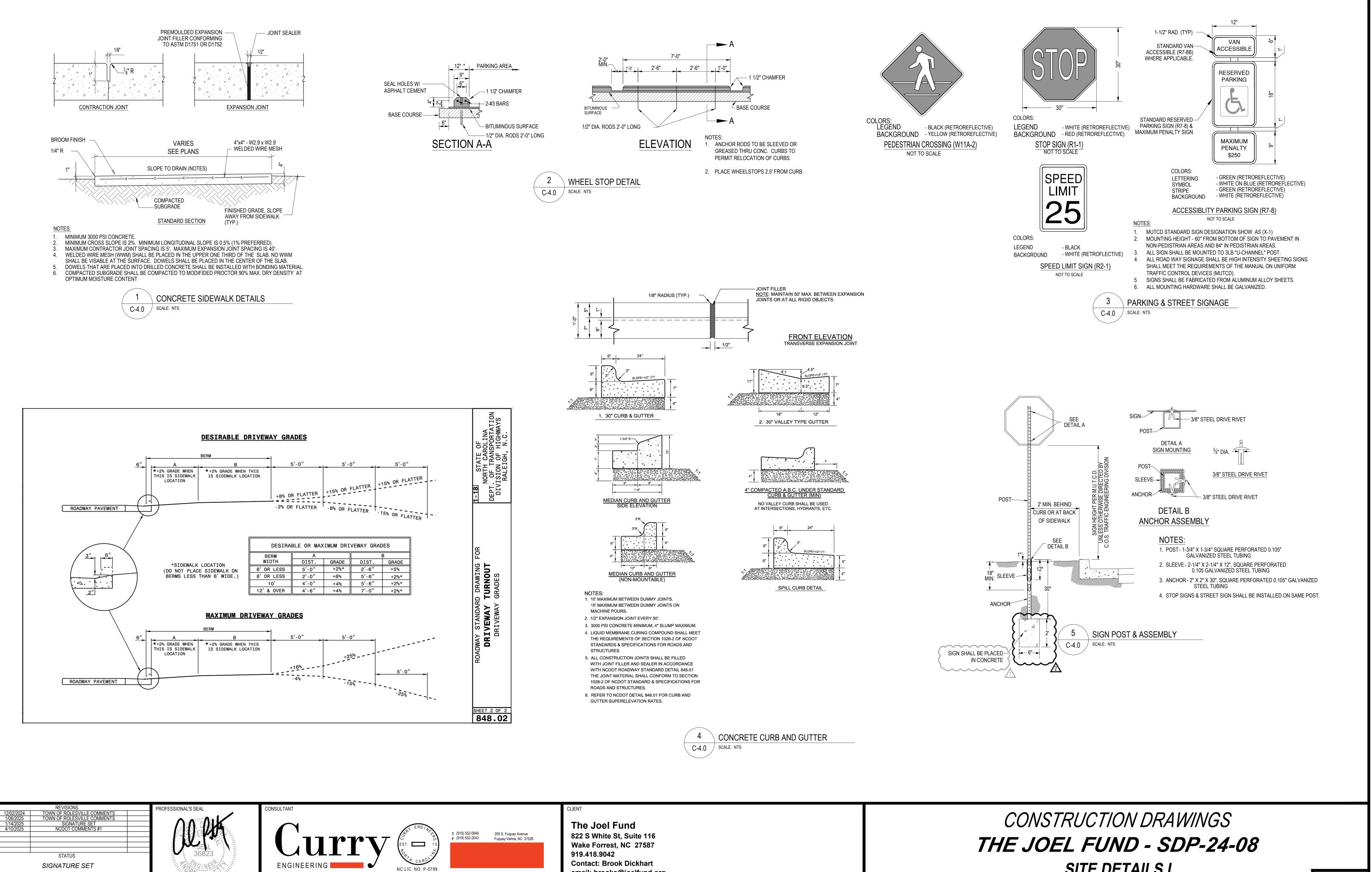
VPROJECTS FOLDER-ZEBULON/2024/2024-033 THE JOEL FUND - ROLESVILLE/PLANS/SITE PLAN/SHEET FILES/C-3.0 UTILITY & DRAINAGE PLAN.DWG

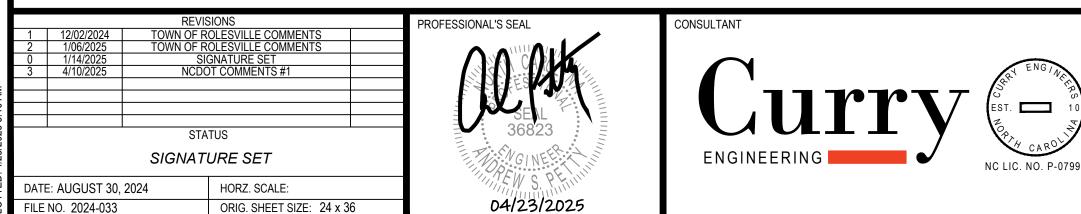
,	.EAST 48 HOURS IN ADVANCE. ALL UTILITY WORK WITHIN THE PUBLIC RIGHT OF WAY OR PUBLIC EASEMENTS SHALL BE TO WAKE COUNTY STANDARDS AND SPECIFICATIONS.
	ALL STORM DRAINAGE WITHIN THE RIGHT OF WAY SHALL BE PUBLIC. ALL STORM DRAINAGE OUTSIDE THE RIGHT OF WAY SHALL BE PRIVATE PRIVATE UTILITIES (POWER, TELEPHONE, NATURAL GAS, CABLE TV) ARE NOT SHOWN ON THIS PLAN. THE CONTRACTOR SHALL COORDINATE THE
I	NSTALLATION OF THOSE UTILITIES WHEN INSTALLING STORM DRAINAGE TO AVOID CONFLICTS.
	CUT/FILL SLOPES SHALL BE GRADED AT A MAXIMUM OF 3H:1V UNLESS OTHERWISE INDICATED. SLOPES INDICATED TO BE STEEPER THAN 3:1 BUT EQUAL TO DR LESS THAN 2:1 SHALL BE PROVIDED WITH A PERMANENT TURF REINFORCEMENT MAT (ACF ENVIRONMENTAL ECP-2 10 OZ OR APPROVED EQUAL).
. \	WHERE PROPOSED EDGE OF PAVEMENT CONNECTS TO EXISTING, CONTRACTOR SHALL MATCH EXISTING ELEVATION AND CREATE A SMOOTH TRANSITION
TE	R SERVICE RELOCATION NOTES:
	EXISTING 3/4" WATER METER & BOX IS TO BE REMOVED FROM TRAFFIC AREA
	NSTALL NEW 3/4" WATER METER & BOX. SET BOX OUTSIDE TRAFFIC AREA/ PAVEMENT. NSTALL RPZ & HOTBOX (WATTS MODEL C09 OR EQUAL)
	NSTALL 3/4" WATER SERVICE FROM RPZ TO EXISTING WATER SERVICE LINE & CONNECT TO EXISTING SERVICE LINE.
	EXISTING WATER SERVICE BETWEEN NEW CONNECTIONS IS TO BE REMOVED. 5' CITY OF RALEIGH PUBLIC UTILITY EASEMENT TO BE RECORDED W/ WAKE COUNTY AROUND WATER METER ONLY.
.11 1.	TY LEGEND: GRADING LEGEND:
	H TEE MAJOR CONTOUR
	WATER METER MINOR CONTOUR
	G GAS METER ■ BACKFLOW PREVENTER BW =295.00 BW =295.00 BW =295.00
_	W WATER LINE 4.0% FLOW DIRECTION
LEI	GH STANDARD UTILITY NOTES:
	ALL MATERIALS & CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH CITY OF RALEIGH DESIGN STANDARDS, DETAILS & SPECIFICATIONS (REFERENCE: CORPUD HANDBOOK, CURRENT EDITION)
	UTILITY SEPARATION REQUIREMENTS: A) A DISTANCE OF 100' SHALL BE MAINTAINED BETWEEN SANITARY SEWER & ANY PRIVATE OR PUBLIC WATER SUPPLY SOURCE SUCH AS AN
	IMPOUNDED RESERVOIR USED AS A SOURCE OF DRINKING WATER. IF ADEQUATE LATERAL SEPARATION CANNOT BE ACHIEVED, FERROUS SANITARY SEWER PIPE SHALL BE SPECIFIED & INSTALLED TO WATERLINE SPECIFICATIONS. HOWEVER, THE MINIMUM SEPARATION SHALL NOT
	BE LESS THAN 25' FROM A PRIVATE WELL OR 50' FROM A PUBLIC WELL.
	B) WHEN INSTALLING WATER &/OR SEWER MAINS, THE HORIZONTAL SEPARATION BETWEEN UTILITIES SHALL BE 10'. IF THIS SEPARATION CANNOT BE MAINTAINED DUE TO EXISTING CONDITIONS, THE VARIATION ALLOWED IS THE WATER MAIN IN A SEPARATE TRENCH WITH THE
	ELEVATION OF THE WATER MAIN AT LEAST 18" ABOVE THE TOP OF THE SEWER & MUST BE APPROVED BY THE PUBLIC UTILITIES DIRECTOR. ALL DISTANCES ARE MEASURED FROM OUTSIDE DIAMETER TO OUTSIDE 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.
	D) 5.0' MINIMUM HORIZONTAL SEPARATION IS REQUIRED BETWEEN ALL SANITARY SEWER & STORM SEWER FACILITIES, UNLESS DIP MATERIAL IS SPECIFIED FOR SANITARY SEWER
	E) MAINTAIN 18" MIN. VERTICAL SEPARATION AT ALL WATERMAIN & RCP STORM DRAIN CROSSINGS; MAINTAIN 18" 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).
	F) ALL OTHER UNDERGROUND UTILITIES SHALL CROSS WATER & SEWER FACILITIES WITH 18" MIN. VERTICAL SEPARATION REQUIRED.
	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.
	DEVELOPER SHALL PROVIDE 30 DAYS ADVANCE WRITTEN NOTICE TO OWNER FOR ANY WORK REQUIRED WITHIN AN EXISTING CITY OF RALEIGH
	UTILITY EASEMENT TRAVERSING PRIVATE PROPERTY. CONTRACTOR SHALL MAINTAIN CONTINUOUS WATER & SEWER SERVICE TO EXISTING RESIDENCES & BUSINESSES THROUGHOUT CONSTRUCTION OF PROJECT. ANY NECESSARY SERVICE INTERRUPTIONS SHALL BE PRECEDED BY A 24-HOUR ADVANCE NOTICE TO THE CITY OF RALEIGH PUBLIC
	UTILITIES DEPARTMENT.
	SEWER BYPASS PUMPING – A BYPASS PLAN SEALED BY AN NC PROFESSIONAL ENGINEER SHALL BE PROVIDED TO RALEIGH WATER PRIOR TO PUMPING OPERATIONS FOR APPROVAL. THE OPERATIONS AND EQUIPMENT SHALL COMPLY WITH THE PUBLIC UTILITIES HANDBOOK.
	3.0' MINIMUM COVER IS REQUIRED ON ALL WATER MAINS & SEWER FORCE MAINS. 4.0' MINIMUM COVER IS REQUIRED ON ALL REUSE MAINS. 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.
	INSTALL ¾" 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
).	INSTALL 4" PVC* SEWER SERVICES @ 1.0% MINIMUM GRADE WITH CLEANOUTS LOCATED AT ROW OR EASEMENT LINE & SPACED EVERY 75 LINEAR FEET MAXIMUM.
•	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.
2.	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 CONSTRUCTION.
8.	NCDOT / RAILROAD ENCROACHMENT AGREEMENTS ARE REQUIRED FOR ANY UTILITY WORK (INCLUDING MAIN EXTENSIONS & SERVICE TAPS) WITHIN STATE OR RAILROAD ROW PRIOR TO CONSTRUCTION.
·.	GREASE INTERCEPTOR / OIL WATER SEPARATOR SIZING CALCULATIONS & INSTALLATION SPECIFICATIONS SHALL BE APPROVED BY THE RW FOG PROGRAM COORDINATOR PRIOR TO ISSUANCE OF A UC AND/OR BUILDING PERMIT. CONTACT (919) 996-4516 OR FOG@RALEIGHNC.GOV FOR MORE INFORMATION.
	CROSS-CONNECTION CONTROL PROTECTION DEVICES ARE REQUIRED BASED ON THE DEGREE OF HEALTH HAZARD INVOLVED AS LISTED IN APPENDIX B OF THE RULES GOVERNING PUBLIC WATER SYSTEMS IN NORTH CAROLINA.
	THE DEVICES SHALL MEET THE AMERICAN SOCIETY OF SANITARY ENGINEERING (SAAE) STANDARDS AND BE ON THE UNIVERSITY OF SOUTHERN CALIFORNIA APPROVAL LIST.
	THE DEVICE AND INSTALLATION SHALL MEET THE GUIDELINES OF APPENDIX A – GUIDELINES AND REQUIREMENTS FOR THE CROSS CONNECTION PROGRAM IN RALEIGH'S SERVICE AREA.
3.	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 CROSS. CONNECTION@RALEIGHNC.GOV FOR MORE INFORMATION.
).	NOTICE FOR PROJECTS THAT INVOLVE AN OVERSIZED MAIN OR URBAN MAIN REPLACEMENT. ANY CITY REIMBURSEMENT GREATER THAN \$250,000.00

SCALE IN FEET HORIZONTAL

THE JOEL FUND - SDP-24-08 UTILITY & DRAINAGE PLAN



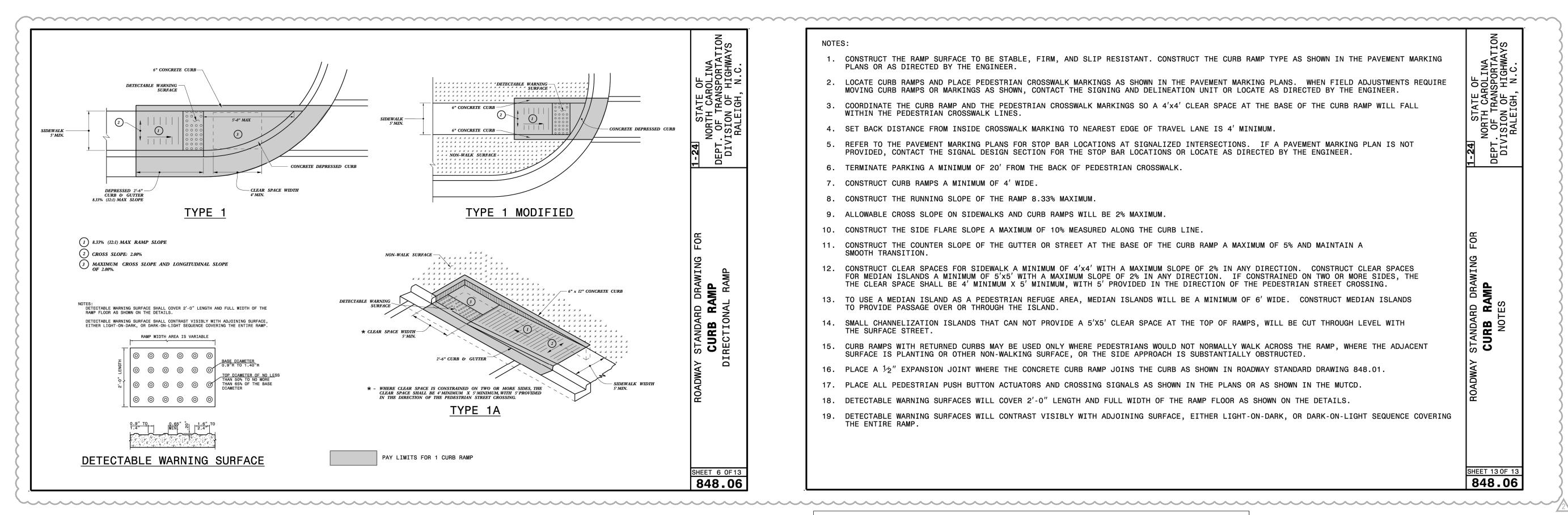


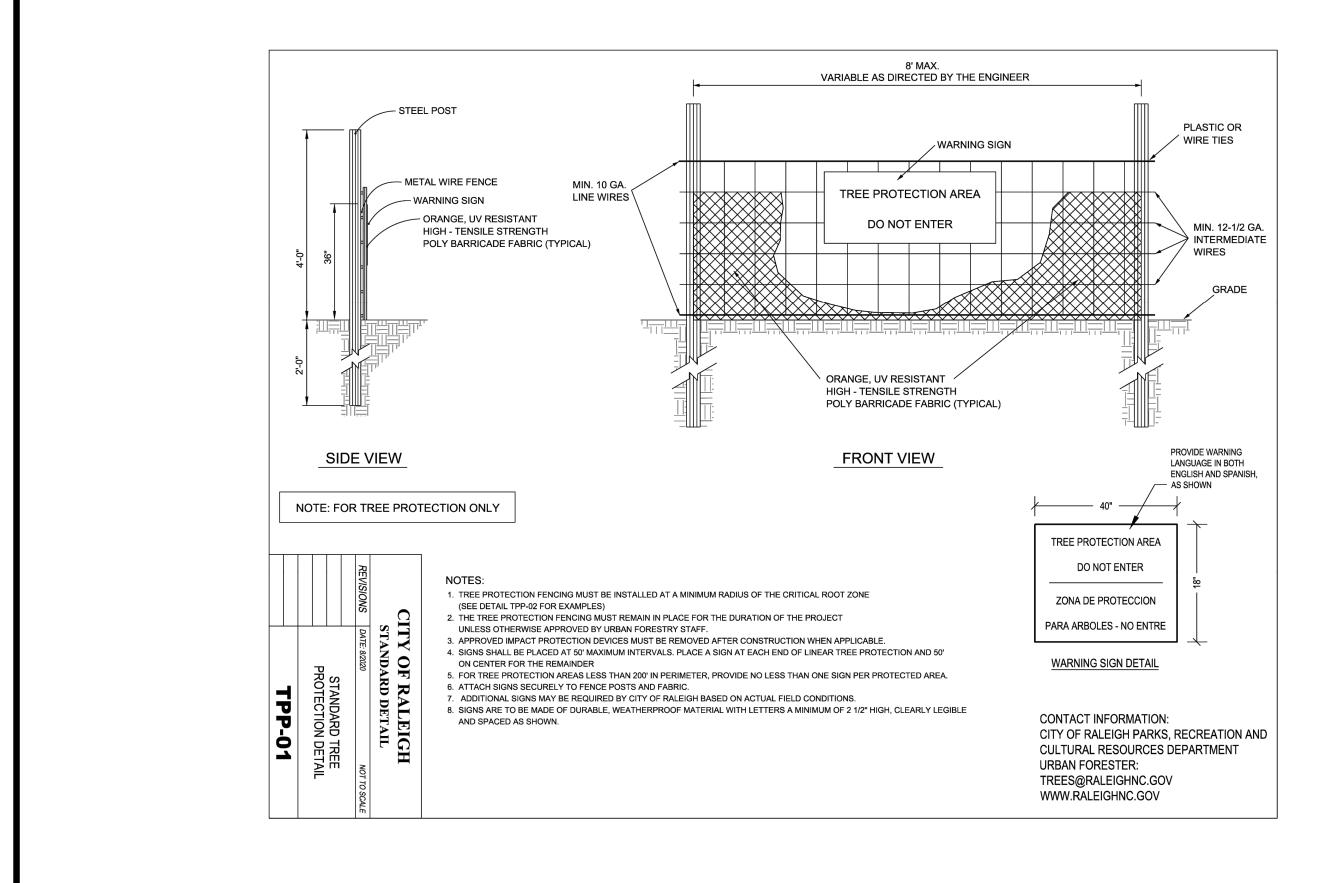


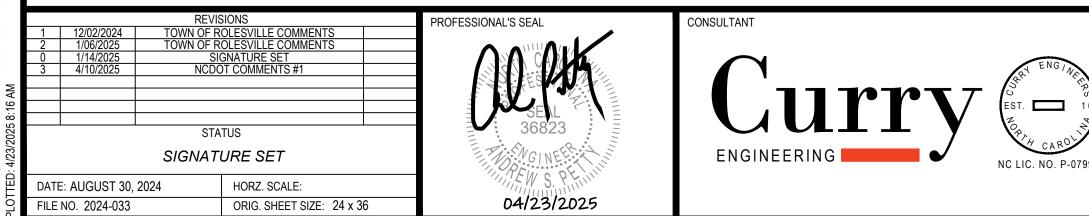


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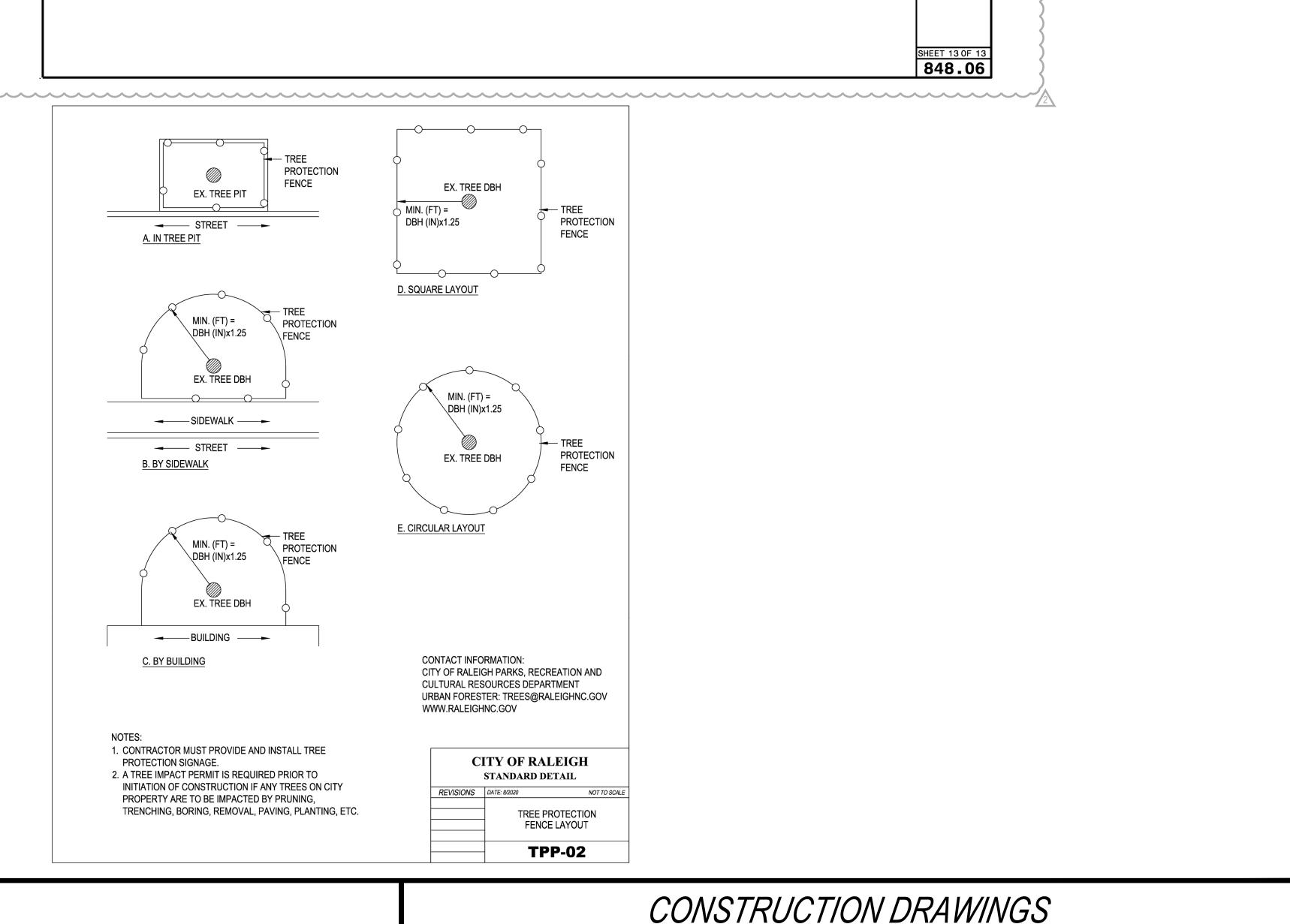
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VPROJECTS FOLDER-ZEBULON/2024/2024-033 THE JOEL FUND - ROLESVILLE/PLANS/SITE PLAN/SHEET FILES/C-4.1 SITE DETAILS II.DWG

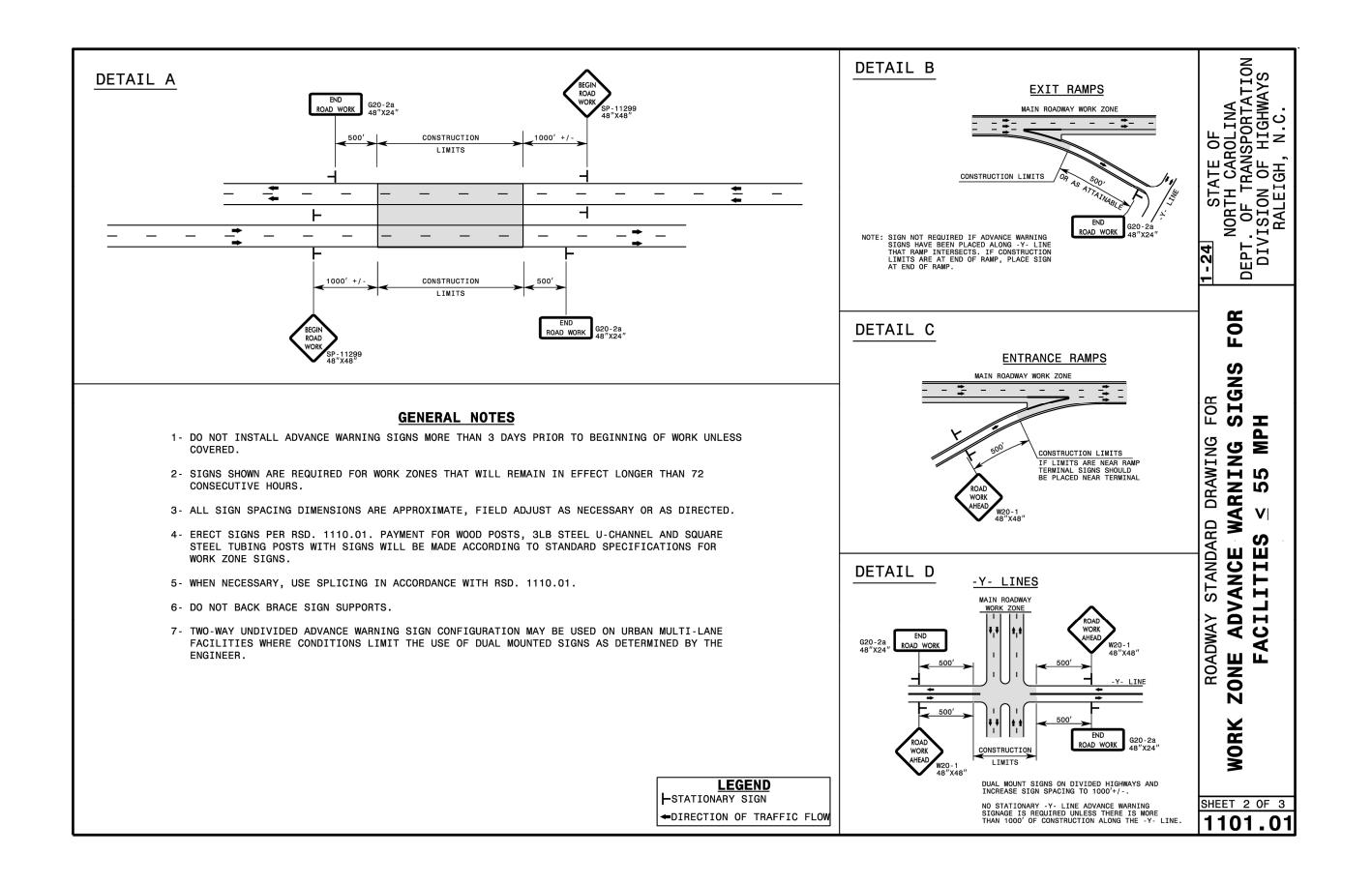


T (919) 552-0849 205 S. Fuquay Avenue F (919) 552-2043 Fuquay-Varina, NC 27526

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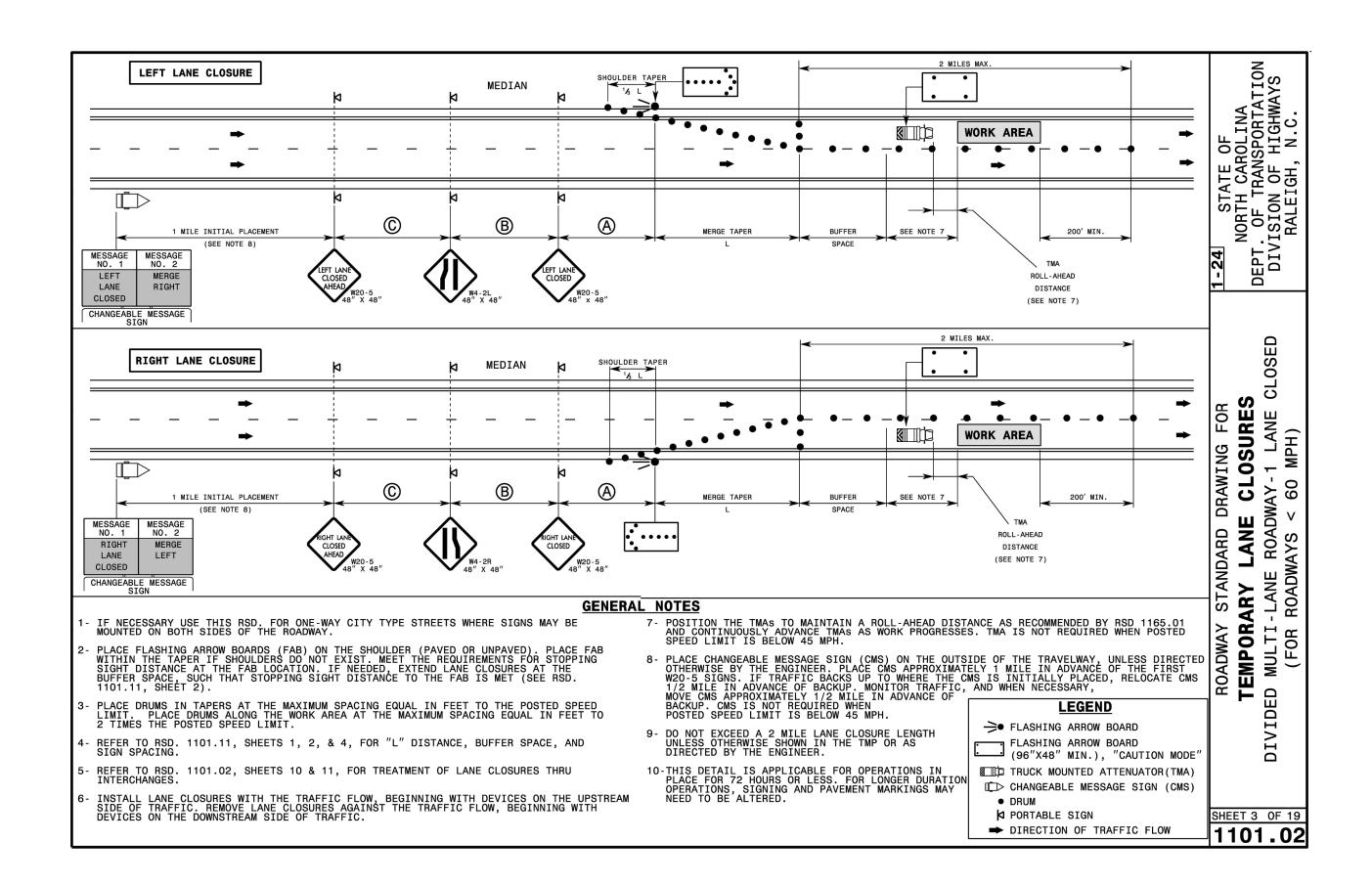
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THE JOEL FUND - SDP-24-08 SITE DETAILS II





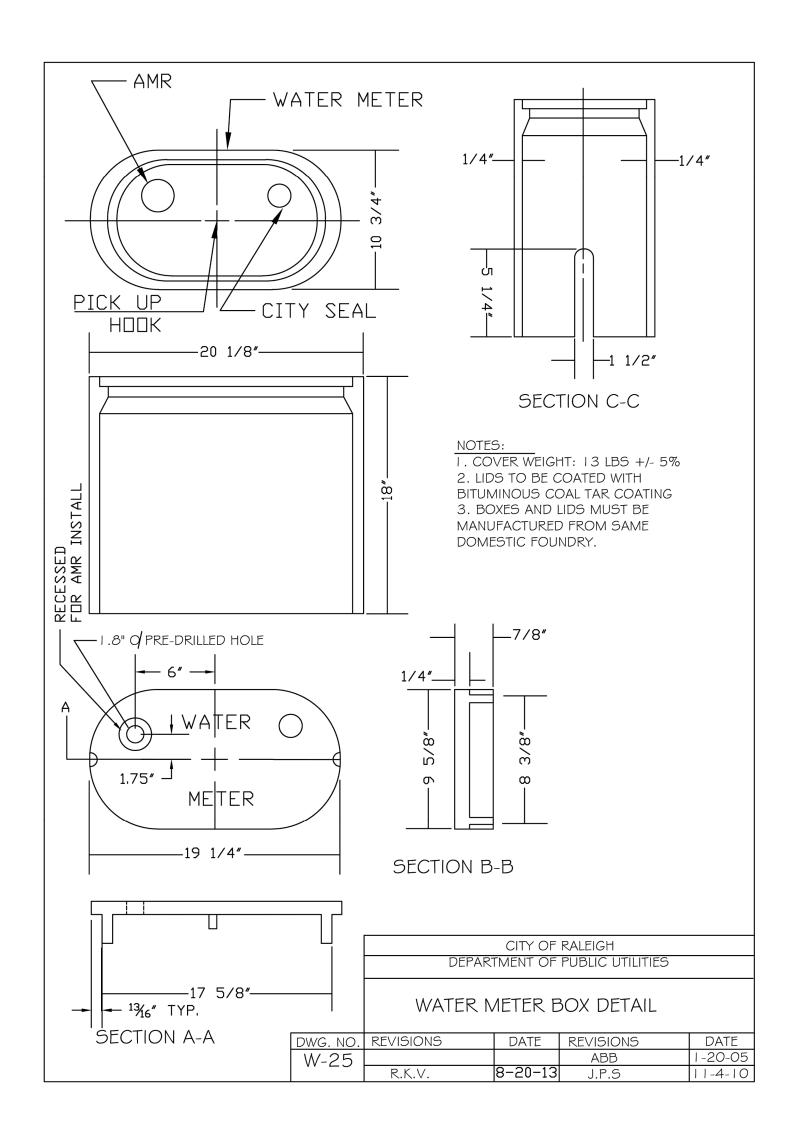
REVISIONS 1 12/02/2024 TOWN OF ROLESVILLE COMMENTS 2 1/06/2025 TOWN OF ROLESVILLE COMMENTS 0 1/14/2025 SIGNATURE SET 3 4/10/2025 NCDOT COMMENTS #1		PROFESSIONAL'S SEAL	CONSULTANT
	STATUS SIGNATURE SET	SEL 36823	ENGINEERING
DATE: AUGUST 30, 2024 FILE NO. 2024-033	HORZ. SCALE: ORIG. SHEET SIZE: 24 x 36	04/23/2025	





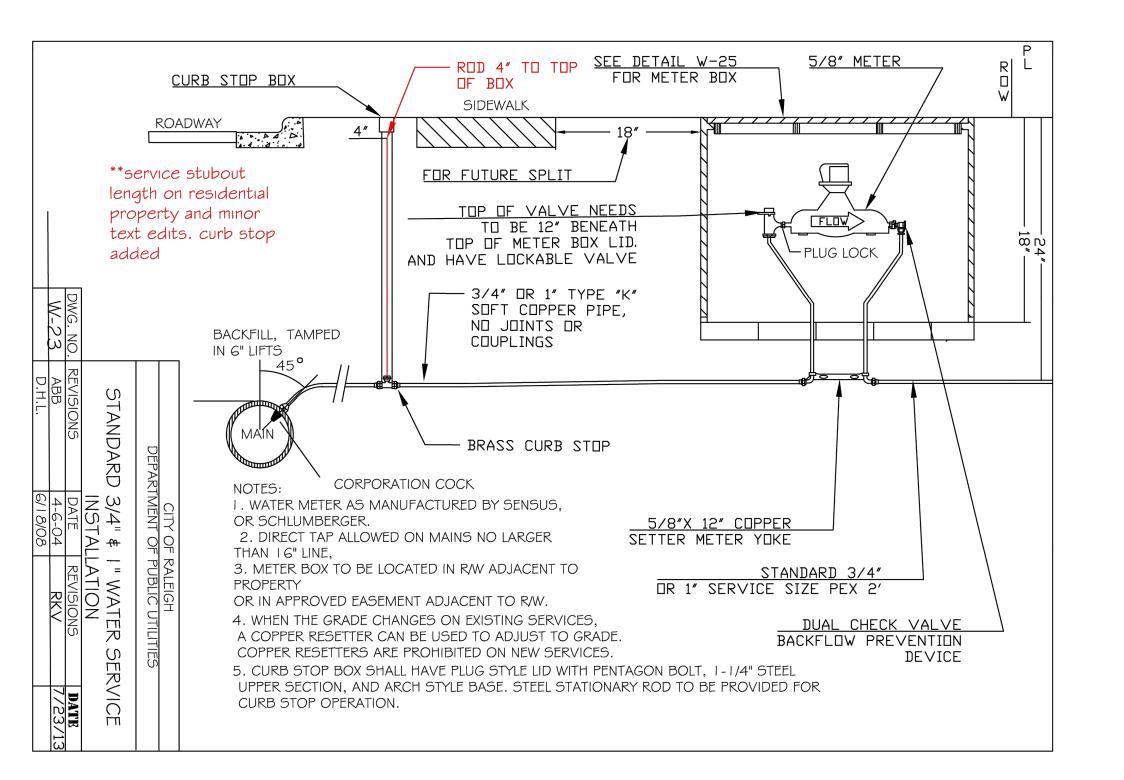
CLIENT

The Joel Fund 822 S White St, Suite 116 Wake Forrest, NC 27587 919.418.9042 Contact: Brook Dickhart email: brooke@joelfund.org CONSTRUCTION DRAWINGS THE JOEL FUND - SDP-24-08 SITE DETAILS III





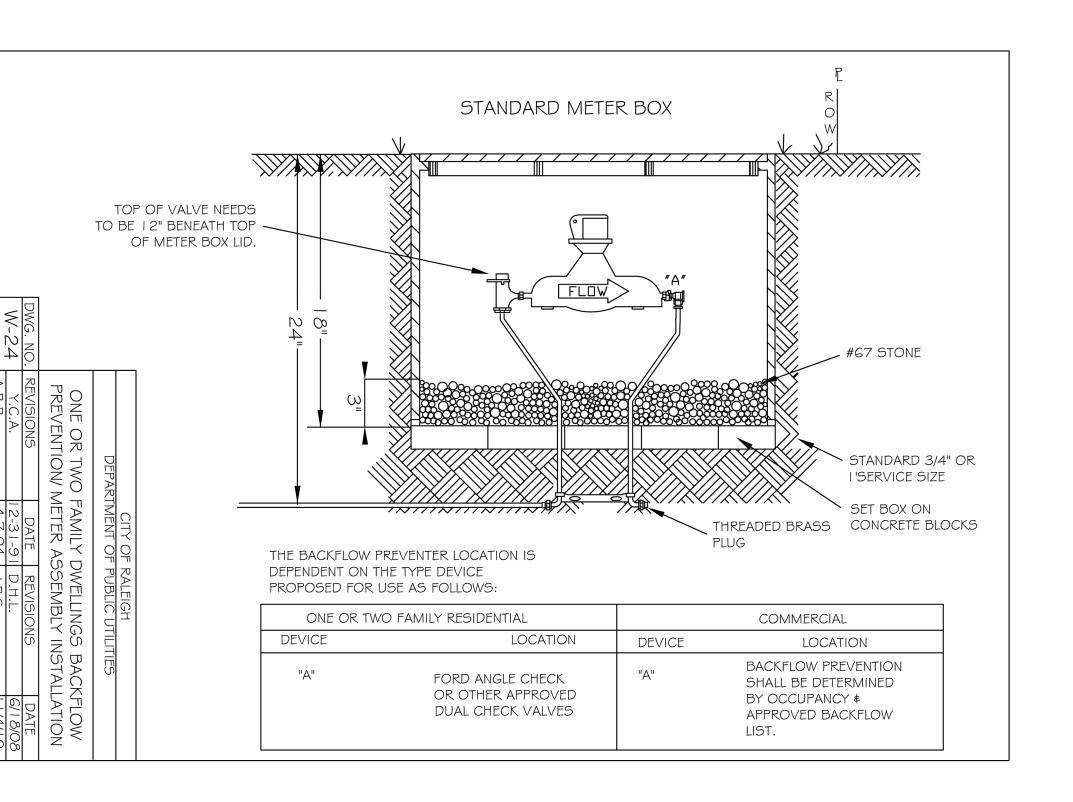
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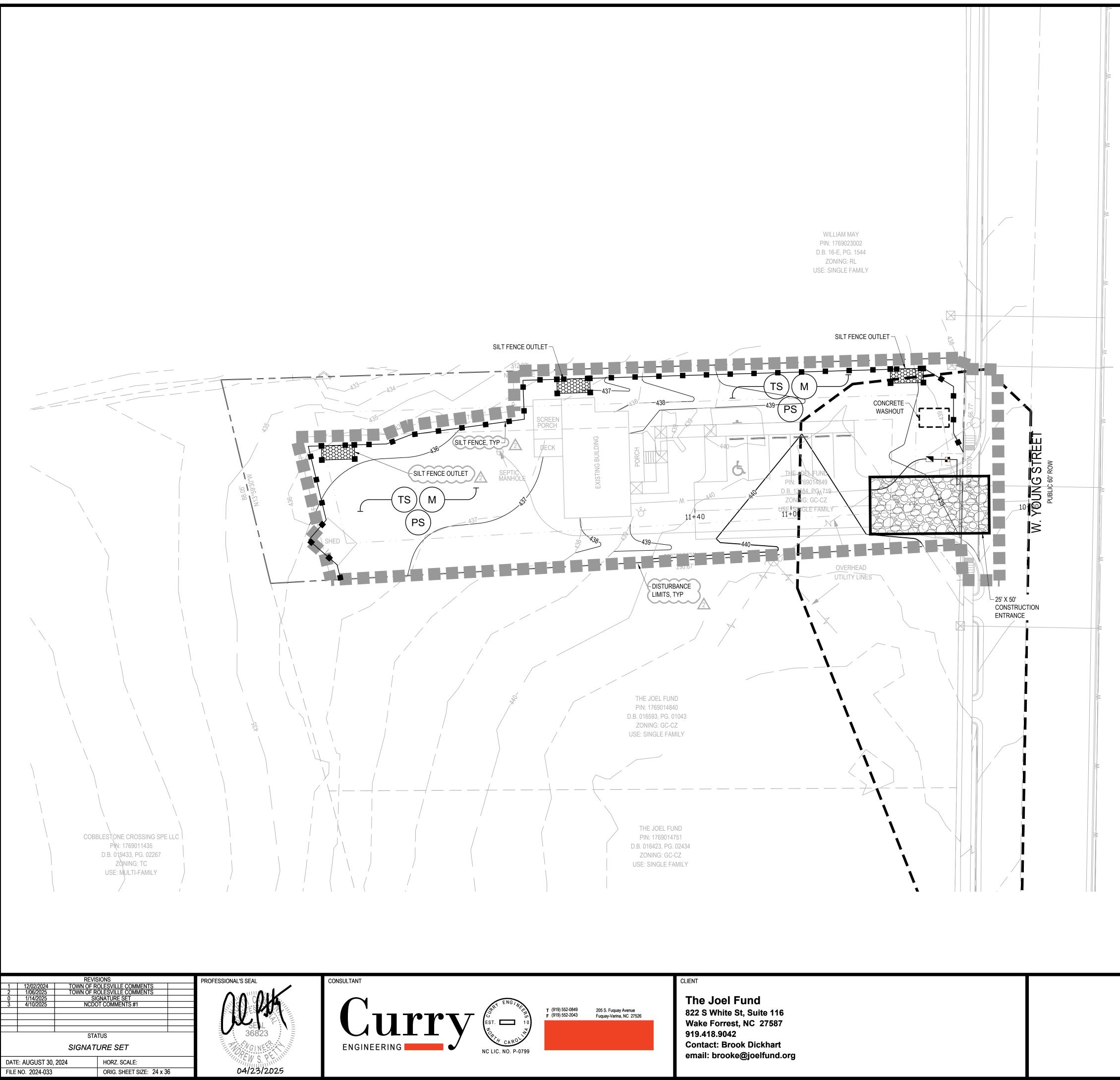


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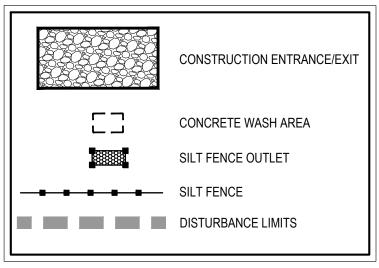
CONSTRUCTION DRAWINGS THE JOEL FUND - SDP-24-08 UTILITY DETAILS



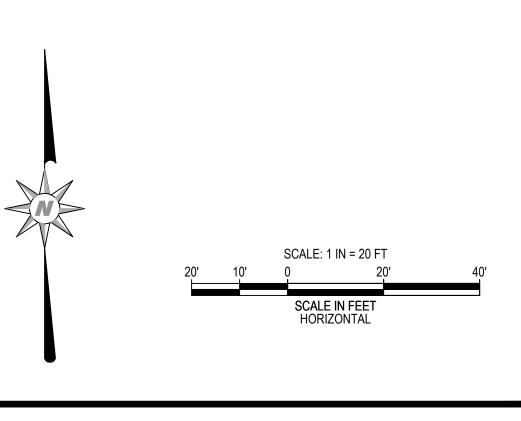
NOTES:

THE SILT FENCE, AND LIMITS OF DISTURBANCE SHOWN ON THIS PLAN ARE GRAPHICAL REPRESENTATION OF THE ACTUAL EROSION CONTROL MEASURES THAT SHALL BE INSTALLED UNDER THIS PROJECT. DUE TO SCALE OF THIS DRAWING, THESE MEASURES ARE GRAPHICALLY DEPICTED AND MAY BE BEYOND WHERE THEY ACTUALLY WILL BE INSTALLED IN THE FILED. THE WORK ASSOCIATED WITH THIS PERMIT INCLUDES CLEARING AND GRUBBING AND INFRASTRUCTURE INSTALLATION. MASS GRADING OF 4. REFER TO DETAIL SHEET EC-1.1 FOR CONSTRUCTION SEQUENCE, EROSION CONTROL NARRATIVE, MAINTENANCE NOTES, STABILIZATION INSTRUCTIONS & EROSION CONTROL DETAILS. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH CURRENT WAKE COUNTY STANDARDS AND REGULATIONS. SLOPES SHALL BE 3:1 OR FLATTER UNLESS OTHERWISE NOTED. THERE SHALL BE NO DISTURBANCE OUTSIDE THE LIMITS SHOWN ON THIS PLAN WITHOUT AN APPROVED PLAN AMENDMENT BY WAKE COUNTY S&EC. ALL DISTURBED AREAS SHALL BE SEEDED PER STABILIZATION TABLE. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING SELF-INSPECTION LOG.

UTILITY LEGEND:



NPDES STABILIZATION TABLE					
SITE AREA DESCRIPTION STABILIZATION TIMEFRAME EXCEPTIONS					
Perimeter dikes, swales, ditches and slopes	7 days	None			
High Quality Water (HQW) Zones	7 days	None			
Slopes steeper than 3:1	7 days	If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed.			
Slopes 3:1 or flatter	14 days	7 days for slopes greater than 50' in length			
All other areas with slopes fatter than 4:1	14 days	None, except for perimeters and HQW Zones			



CONSTRUCTION DRAWINGS THE JOEL FUND - SDP-24-08 **EROSION CONTROL PLAN**

EC-1.0

EROSION CONTROL NOTES

- THE CONTRACTOR SHALL AT A MINIMUM IMPLEMENT THE CONTRACTOR'S REQUIREMENTS OUTLINED BELOW AND THOSE MEASURES SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN. IN ADDITION THE CONTRACTOR SHALL UNDERTAKE ADDITIONAL MEASURES REQUIRED TO BE IN COMPLIANCE WITH APPLICABLE PERMIT CONDITIONS AND STATE WATER QUALITY STANDARDS.
- ANY GRADING BEYOND THE DENUDED LIMITS SHOWN IN THE PLAN IS A VIOLATION OF THE NORTH CAROLINA SEDIMENTATION CONTROL LAW & IS SUBJECT TO A FINE. GRADING MORE THAN 1 ACRE WITHOUT AN APPROVED EROSION CONTROL PLAN IS A VIOLATION OF THE THE NORTH CAROLINA SEDIMENTATION CONTROL LAW AND WAKE
- COUNTY & IS SUBJECT TO A FINE.
- ALL EROSION CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH ALL WAKE COUNTY & NCDENR STANDARDS AND SPECIFICATIONS.
- CONSTRUCTION ENTRANCES SHALL BE MAINTAINED THROUGHOUT THE ENTIRE CONSTRUCTION PROJECT. A MINIMUM OF ONE CONSTRUCTION ENTRANCE SHALL BE
- INSTALLED AND UTILIZED. THIS ENTRANCE SHALL BE BETWEEN THE LIMITS OF DISTURBANCE AND ANY ROAD RIGHT OF WAY. ADJACENT PROPERTIES AND RIGHT-OF-WAY SHALL BE KEPT FREE OF MUD AND/OR SEDIMENT-LADEN RUNOFF
- . THE EROSION CONTROL MEASURES SHOWN ON THIS PLAN ARE RECOMMENDED AS A MINIMUM IN ORDER TO CONTROL RUN-OFF. IT IS POSSIBLE THAT MORE STRINGENT MEASURES MAY BE NEEDED AS DETERMINED BY THE CONTRACTOR, PROJECT ENGINEER, AND/OR EROSION CONTROL INSPECTOR. IF IT IS DETERMINED THAT ADDITIONAL RUN-OFF CONTROL IS NEEDED, SUCH MEASURES SHALL BE INSTALLED IMMEDIATELY.
- . SHOULD MAINTENANCE ISSUES ARISE, PLEASE CONTACT BROOKE DICKHART AT (919) 247-9333
- 12. CONTRACTOR SHALL LOCATE AND VERIFY LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING WORK.

EROSION & SEDIMENT CONTROL NARRATIVE

PROJECT DESCRIPTION

THE PURPOSE OF THIS PROJECT IS TO CLEAR & GRUB AND CONSTRUCT INFRASTRUCTURE FOR 1 SINGLE FAMILY RESIDENTIAL LOT. THE PROPERTY IS PRIVATELY OWNED. SEE OWNER INFORMATION ON EXISTING CONDITIONS PLAN. THE SITE IS CURRENTLY UNDEVELOPED.

THE MAXIMUM FILL WILL BE APPROX. 2 FEET. THIS PROJECT WILL INVOLVE REMOVAL OF TOPSOIL TO CREATE RESIDENTIAL ROADWAY AND INFRASTRUCTURE. THE DISTURBANCE AREA DOES NOT INCLUDE MASS GRADING OF LOTS.

THE PROJECT IS SCHEDULED TO BEGIN CONSTRUCTION IN WINTER 2025 WITH PROJECT COMPLETION AND FINAL STABILIZATION BY FALL 2025. THE EROSION AND SEDIMENT CONTROL PROGRAM FOR THIS PROJECT WILL INCLUDE THE INSTALLATION OF A SUITABLE CONSTRUCTION ENTRANCE, TEMPORARY SILT FENCING, AND SILT FENCE OUTLETS.

ADJACENT PROPERTY

ADJACENT PROPERTY OWNERS ARE NOTED ON THE EXISTING CONDITIONS PLAN. NATIVE SOILS

THE SOILS AT THIS SITE ARE PREDOMINATELY URBAN LAND & COMPLEX. SOILS ARE MOSTLY WELL DRAINED WITH Ksat RANGES FROM MODERATELY HIGH TO HIGH. SLOPES ARE LARGELY BETWEEN 2 TO 6% UP TO 10%.

REQUIRED WAKE COUNTY CONSTRUCTION SEQUENCE:

- SCHEDULE A PRECONSTRUCTION CONFERENCE WITH THE ENVIRONMENTAL CONSULTANT, JEEVAN NEUPANE AT 919-819-8907. OBTAIN A LAND-DISTURBING PERMIT.
- CLEAR THE AREA NEEDED TO CONSTRUCT THE PROPOSED CONSTRUCTION ENTRANCES.
- CONSTRUCT THE ENTRANCE AS SHOWN ON THE PLANS. MAINTAIN THE CONSTRUCTION ENTRANCE DAILY TO ENSURE THAT MUD AND SILT WILL NOT BE TRACKED ONTO THE PAVED SURFACE. IF MUD IS TRACKED ONTO THE SURFACE, IT IS TO BE REMOVED IMMEDIATELY.
- CLEAR THE AREA NEEDED TO CONSTRUCT THE REMAINDER OF PERIMETER EROSION CONTROL MEASURES INCLUDING SILT FENCE, AND OTHER MEASURES AS SHOWN ON THE APPROVED PLAN.
- NOTE THAT SEDIMENT BASINS ARE NOT PROPOSED FOR THIS DISTURBANCE. CONTRACTOR SHALL IMMEDIATELY STABILIZE ROADWAY DITCHES UPON GRADING. SEE NOTES ON EROSION CONTROL SHEETS FOR ADDITIONAL INFORMATION.
- CALL JEEVAN NEUPANE FOR AN ONSITE INSPECTION BY THE ENVIRONMENTAL CONSULTANT TO OBTAIN A CERTIFICATE OF COMPLIANCE.
- BEGIN CLEARING AND GRUBBING. MAINTAIN DEVICES AS NEEDED.
- ROUGH GRADE ALL ROADWAYS.
- STABILIZE SITE AS AREAS ARE BROUGHT UP TO FINISH GRADE WITH VEGETATION, PAVING, DITCH LININGS, ETC. SEED AND MULCH DENUDED AREAS WITHIN 7 OR 14 DAYS OF COMPLETION OF ANY PHASE OF CONSTRUCTION.
- WHEN CONSTRUCTION IS COMPLETE AND ALL AREAS ARE STABILIZED COMPLETELY, CALL JEEVAN NEUPANE FOR AN INSPECTION BY THE ENVIRONMENTAL 10. CONSULTANT.
- IF SITE IS APPROVED, REMOVE SILT FENCE, ETC., AND SEED OUT OR STABILIZE ANY RESULTING BARE AREAS. ALL REMAINING PERMANENT EROSION CONTROL DEVICES, SUCH AS VELOCITY DISSIPATORS, SHOULD NOW BE INSTALLED. EXISTING STORM DRAINAGE SYSTEM SHALL BE CLEANED OF ANY SEDIMENT
- WHEN VEGETATION HAS BECOME ESTABLISHED, CALL FOR A FINAL SITE INSPECTION BY THE ENVIRONMENTAL CONSULTANT, JEEVAN NEUPANE. OBTAIN A CERTIFICATE OF COMPLETION.

DUST CONTROL

VEGETATIVE COVER

FOR DISTURBED AREAS NOT SUBJECT TO TRAFFIC, VEGETATION PROVIDES THE MOST PRACTICAL METHOD OF DUST CONTROL.

MULCH WHEN PROPERLY APPLIED, MULCH OFFERS A FAST, EFFECTIVE MEANS OF CONTROLLING DUST.

MAINTENANCE

MAINTAIN DUST CONTROL MEASURES THROUGH DRY WEATHER PERIODS UNTIL ALL DISTURBED AREAS HAVE BEEN STABILIZED.

STOCKPILE NOTES

- MAINTENANCE REQUIREMENTS SEEDING OR COVERING STOCKPILES WITH TARPS OR MULCH IS REQUIRED AND WILL REDUCE EROSION PROBLEMS. TARPS SHOULD BE KEYED IN AT THE TOP OF THE SLOPE TO KEEP WATER FROM RUNNING UNDERNEATH THE PLASTIC. IF A STOCKPILE IS TO REMAIN FOR FUTURE USE AFTER THE PROJECT IS COMPLETE (BUILDERS, ETC.), THE FINANCIAL RESPONSIBLE PARTY MUST NOTIFY WAKE COUNTY OF A NEW RESPONSIBLE PARTY FOR THAT STOCKPILE.
- C. THE APPROVED PLAN SHALL PROVIDE FOR THE USE OF STAGED SEEDING AND MULCHING ON A CONTINUAL BASIS WHILE THE STOCKPILE IS IN USE. ESTABLISH AND MAINTAIN A VEGETATIVE BUFFER AT THE TOE OF THE SLOPE (WHERE
- PRACTICAL).

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SEDIM	ENT & EROSION CONTROLS
CONT LEAV MEAS EROS	THE CONTRACTORS RESPONSIBILITY TO IMPLEMENT THE EROSION AND SEDIMENT CONTROLS AS SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN. IT IS ALSO THE TRACTOR'S RESPONSIBILITY TO ENSURE THESE CONTROLS ARE PROPERLY INSTALLED, MAINTAINED AND FUNCTIONING PROPERLY TO PREVENT POLLUTED WATER FROM ING THE PROJECT SITE. THE CONTRACTOR WILL ADJUST THE EROSION CONTROLS SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN AND ADD ADDITIONAL CONTROL SURES, AS REQUIRED, TO ENSURE THE SITE MEETS ALL FEDERAL, STATE AND LOCAL EROSION AND SEDIMENT CONTROL REQUIREMENTS. ALL VEGETATIVE AND STRUCTURAL SION AND SEDIMENT CONTROL PRACTICES BE TO THE STANDARDS OF THE NC DEPT. OF ENVIRONMENTAL MANAGEMENT - LAND QUALITY SECTION, AND THE WAKE COUNTY DEVELOPMENT CODE, LATEST EDITION.
<u>STRU</u> 1.	CTURAL PRACTICES SILT FENCE (SEDIMENT FENCE): SILT FENCE CAN BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION. SILT FENCES SHALL BE PROVIDED WHERE SHOWN AND AS NEEDED ON THE SITE PLAN. THESE BARRIERS SHALL BE USED TO CONTAIN SEDIMENT.
2.	SILT FENCE OUTLET: GRAVEL SILT FENCE OUTLETS SHALL BE PROVIDED WHERE SHOWN AND AS NEEDED ON THE SITE PLAN. THESE OUTLETS SHALL BE LOCATED AT ALL LOW POINTS IN A RUN OF SILT FENCE AND USED TO DISCHARGE "CLEAN WATER" OFF-SITE.
3.	CONSTRUCTION ENTRANCE: CONSTRUCTION TRAFFIC SHALL BE LIMITED TO STABILIZED AREAS. AT A MINIMUM, A TEMPORARY GRAVEL CONSTRUCTION ENTRANCE SHALL BE PROVIDED AS SHOWN ON THIS DRAWING. VEHICLE WHEELS SHALL BE CLEAN WHEN LEAVING THE SITE TO PREVENT THE TRACKING OF MUD ON PAVED ROADS.
<u>VEGE</u> 1.	TATIVE PRACTICES <u>TEMPORARY SEEDING</u> : DISTURBED AREAS THAT ARE NOT ANTICIPATED TO BE BROUGHT TO FINAL GRADE FOR A PERIOD OF MORE THAN 7 OR 14 CALENDAR DAYS MUST RECEIVE TEMPORARY SEEDING (SEE NPDES TABLE). A QUICK GROWING GRASS SPECIES, WHICH WILL PROVIDE AN EARLY COVER DURING THE SEASON IN WHICH IT IS PLANTED AND WILL NOT LATER COMPETE WITH THE PERMANENT GRASSING, SHOULD BE USED. TEMPORARY SEEDING SHALL BE PER WAKE COUNTY REQUIREMENTS.
2.	TEMPORARY GRASSING: THE SEEDED OR SEEDED AND MULCHED AREA(S) SHALL BE ROLLED AND WATERED OR HYDROMULCHED OR OTHER SUITABLE METHODS IF REQUIRED TO ASSURE OPTIMUM GROWING CONDITIONS FOR THE ESTABLISHMENT OF A GOOD GRASS COVER.
3.	TEMPORARY REGRASSING: IF, AFTER 14 DAYS FROM SEEDING, THE TEMPORARY GRASSED AREAS HAVE NOT ATTAINED A MINIMUM OF 75 PERCENT GOOD GRASS COVER, THE AREA WILL BE REWORKED AND ADDITIONAL SEED APPLIED SUFFICIENT TO ESTABLISH THE DESIRED VEGETATIVE COVER. RESEED AND MULCH BARE SPOTS LARGER THAN 9 SQUARE FEET.
4.	PERMANENT SEEDING: ALL AREAS WHICH HAVE BEEN DISTURBED BY CONSTRUCTION WILL, AS A MINIMUM, BE SEEDED. PERMANENT SEEDING SHALL BE PER WAKE COUNTY REQUIREMENTS. IF GROWTH IS NOT ESTABLISHED BY FINAL PROJECT INSPECTION, CONTINUE SPECIFIED ATTENTION UNTIL THE STAND OF GRASS IS ACCEPTABLE.
ΜΛΝΙ	
<u>1.</u> 1.	AGEMENT STRATEGIES STOCKPILING MATERIAL: NO EXCAVATED MATERIAL SHALL BE STOCKPILED IN SUCH A MANNER AS TO DIRECT RUNOFF DIRECTLY OFF THE PROJECT SITE INTO ANY ADJACENT WATER BODY OR STORM WATER COLLECTION FACILITY. PER NCDWQ CONSTRUCTION GENERAL PERMIT REVISED AUGUST 4, 2011 ALL EARTHEN MATERIAL STOCKPILES MUST BE LOCATED 50' FROM STORM DRAINS AND STREAMS UNLESS NO OTHER REASONABLE ALTERNATIVE IS AVAILABLE.
2.	RIP-RAP OUTLET PROTECTION: ALL RIP-RAP SHALL BE INSTALLED WITH FILTER FABRIC BENEATH.
3.	SOIL DISPOSAL: DISPOSE OF ALL STOCKPILED MATERIAL TO AN APPROVED PERMITTED WAKE COUNTY DISPOSAL SITE.
4.	DEWATERING: ALL TRENCH/PIT DEWATERING MUST DISCHARGE TO AN APPROVED S&EC MEASURE OR SILT SACK PRIOR TO LEAVING THE SITE.
5.	PERMANENT EROSION CONTROL: THE EROSION CONTROL FACILITIES OF THE PROJECT SHOULD BE DESIGNED TO MINIMIZE THE IMPACT ON THE OFFSITE FACILITIES.

MAINTENANCE/INSPECTION PROCEDURES

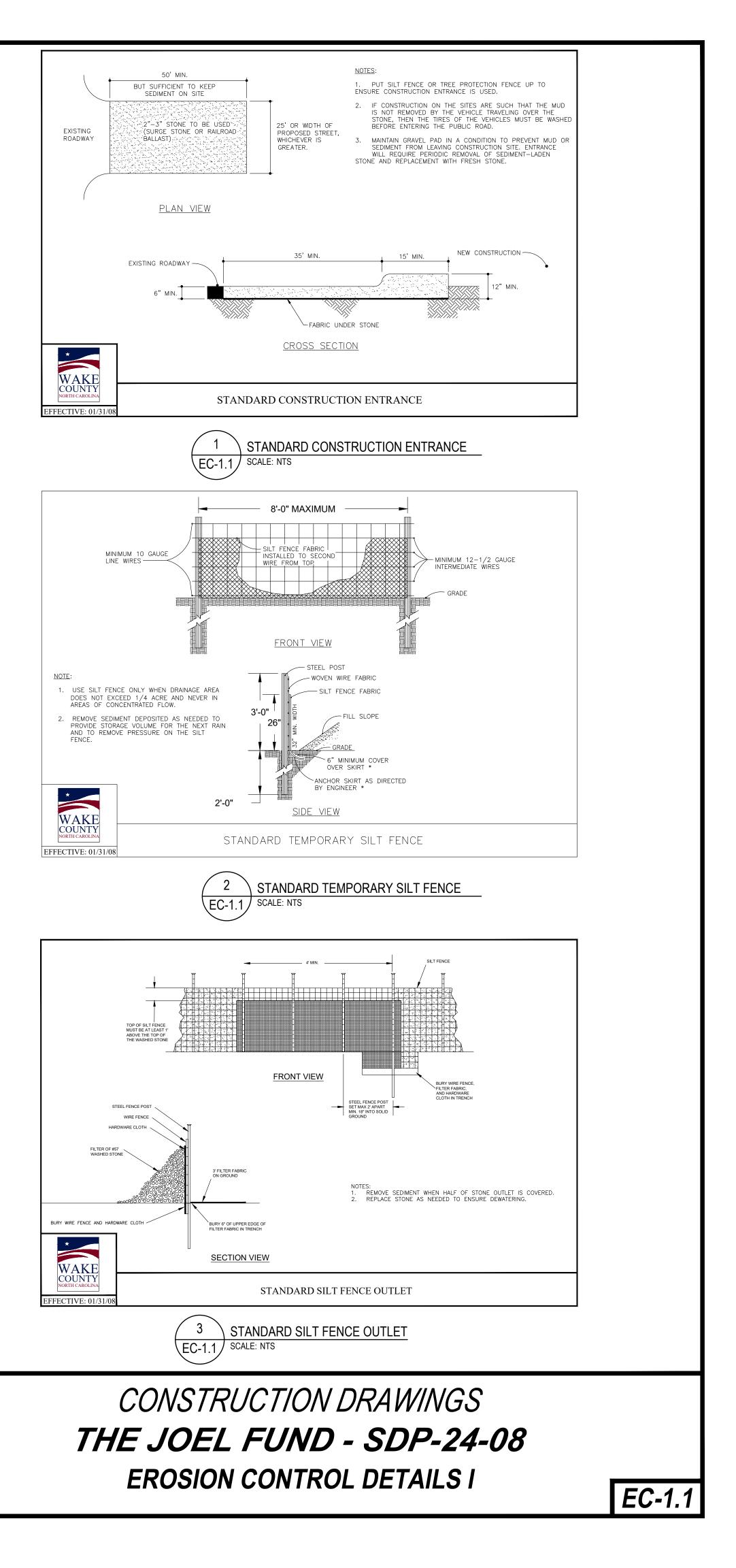
THE FOLLOWING ARE INSPECTION AND MAINTENANCE PRACTICES THAT WILL BE USED TO MAINTAIN EROSION AND SEDIMENT CONTROLS.

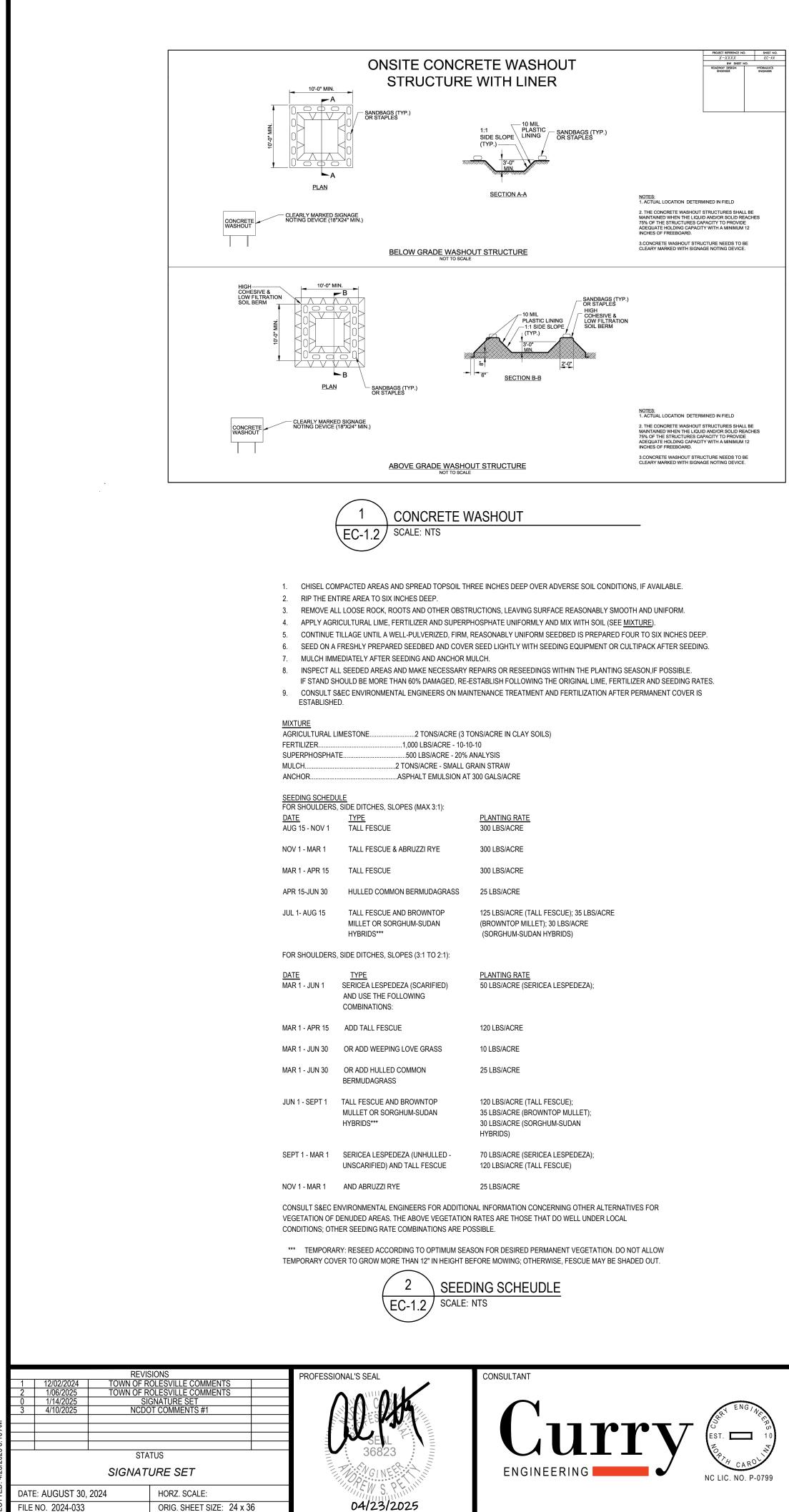
- ALL CONTROL MEASURES WILL BE INSPECTED BY THE SUPERINTENDENT, THE PERSON RESPONSIBLE FOR THE DAY TO DAY SITE OPERATION OR SOMEONE APPOINTED BY THE SUPERINTENDENT, DAILY AND WITHIN 24 HOURS OF EVERY RAINFALL EVENT.
- SILT FENCE & FABRIC INLET PROTECTION: INSPECT FOR DEPTH OF SEDIMENT, TEARS, TO SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND TO SEE THAT THE FENCE POSTS ARE FIRMLY IN THE GROUND. BUILT UP SEDIMENT WILL BE REMOVED FROM SILT FENCE WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF THE FENCE
- DIVERSION DIKES/SWALES: INSPECT AND ANY BREACHES PROMPTLY REPAIRED. SEDIMENT SHALL BE REMOVED FROM THE FLOW AREA IMMEDIATELY AFTER EACH RAINFALL TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT: MAINTAIN THE GRAVEL PAD IN A CONDITION TO PREVENT MUD OR SEDIMENT FROM LEAVING THE CONSTRUCTION SITE THIS MAY REQUIRE PERIODIC TOP-DRESSING WITH 2-3" STONE. AFTER A RAINFALL, IMMEDIATELY REMOVE ALL OBJECTIONABLE MATERIALS SPILLED, WASHED, OR TRACKED ONTO ROADWAYS.
- SEEDING, FERTILIZING, AND MULCHING: INSPECT SEEDED AREAS FOR FAILURE AND NECESSARY REPAIRS AND RE-SEEDING SHALL BE MADE WITHIN THE SAME SEASON. TEMPORARY AND PERMANENT SEEDING AND PLANTING WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH.
- MAINTAIN THE ON-SITE RAIN GAUGE & DATA AND STORMWATER INSPECTION LOG SHEETS. THIS PERMIT INFORMATION MUST BE COLLECTED AND MAINTAINED UNTIL WAKE COUNTY HAS CLOSED THE PROJECT & SURETY HAS BEEN RELEASED.
- THE CONTACT PERSON IS REQUIRED TO MAINTAIN A LOG OF SELF-INSPECTIONS PER REQUIREMENTS AS OUTLINED IN NCG01000 PERMIT. THE REPORTS WILL BE KEPT ON SITE DURING CONSTRUCTION AND AVAILABLE UPON REQUEST TO THE OWNER, ENGINEER OR ANY FEDERAL, STATE OR LOCAL AGENCY APPROVING SEDIMENT AND EROSION PLANS, OR
- STORMWATER MANAGEMENT PLANS. THIS PERMIT INFORMATION MUST BE COLLECTED AND MAINTAINED UNTIL WAKE COUNTY HAS CLOSED THE PROJECT.
- THE SITE SUPERINTENDENT WILL SELECT UP TO THREE INDIVIDUALS WHO WILL BE RESPONSIBLE FOR INSPECTIONS, MAINTENANCE AND REPAIR ACTIVITIES, AND FILLING OUT THE INSPECTION AND MAINTENANCE REPORT
- PERSONNEL SELECTED FOR INSPECTION AND MAINTENANCE RESPONSIBILITIES WILL RECEIVE TRAINING FROM THE SITE. SUPERINTENDENT: THEY WILL BE TRAINED IN ALL THE INSPECTION AND MAINTENANCE PRACTICES NECESSARY FOR KEEPING THE EROSION AND SEDIMENT CONTROLS USED ONSITE IN GOOD WORKING ORDER.
- GROUND STABILIZATION: SOIL STABILIZATION SHALL BE ACHIEVED ON ANY AREA OF A SITE WHERE LAND-DISTURBING ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED ACCORDING TO THE FOLLOWING SCHEDULE:
- A. ALL PERIMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1
- VERTICAL (3:1) SHALL BE PROVIDED TEMPORARY OR PERMANENT STABILIZATION WITH GROUND COVER AS SOON AS
- PRACTICABLE BUT IN ANY EVENT WITHIN 7 CALENDAR DAYS FROM THE LAST LAND-DISTURBING ACTIVITY.
- ALL OTHER DISTURBED AREAS SHALL BE PROVIDED TEMPORARY OR PERMANENT STABILIZATION WITH GROUND COVER AS SOON AS POSSIBLE BUT IN ANY EVENT WITHIN 14 CALENDAR DAYS FROM THE LAST LAND-DISTURBING ACTIVITY



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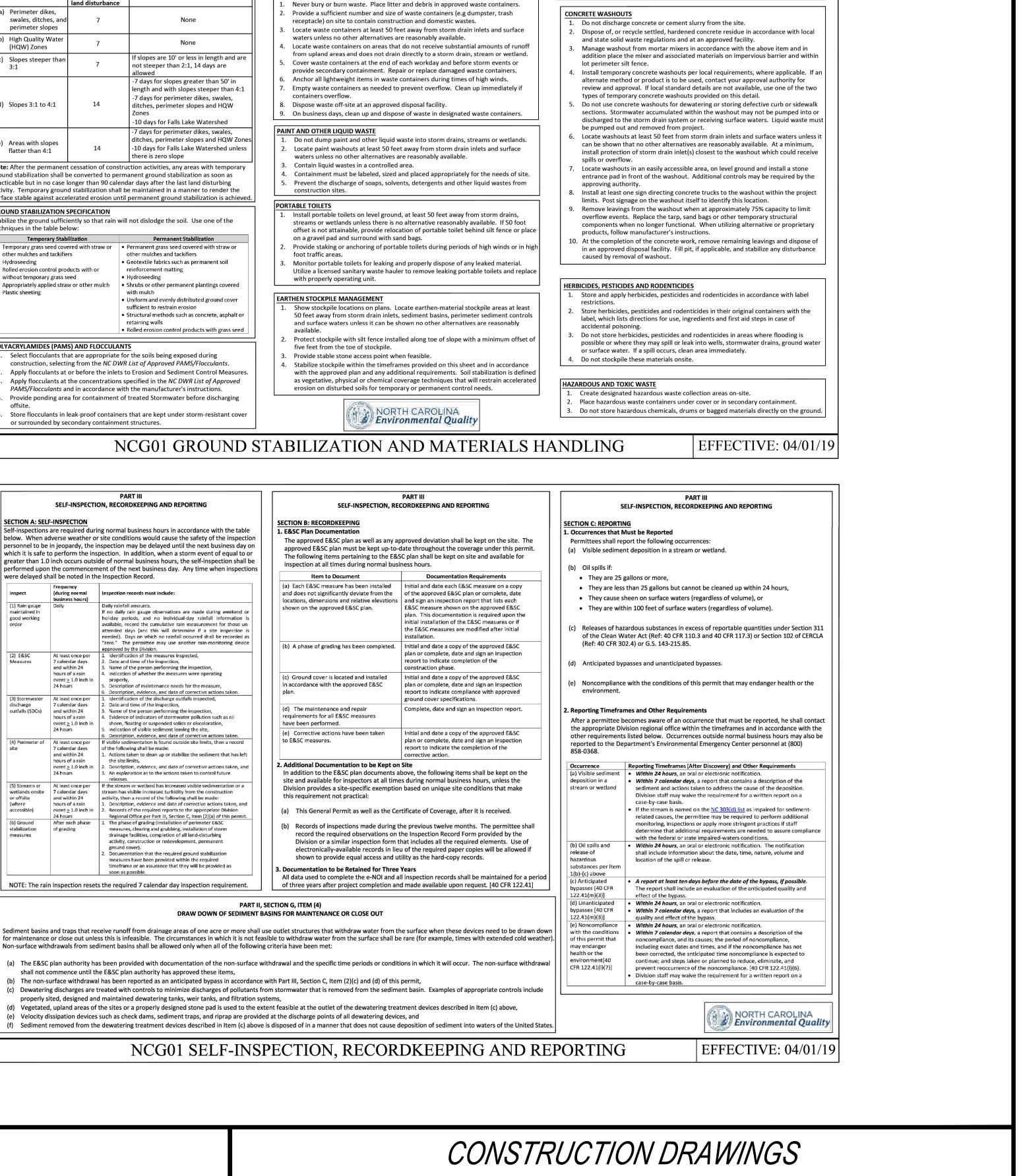
		NDLING PRACTICES FOR COMPLIANCE WITH	EQUIPMENT AND VEHICLE MAINTENANCE
THE NCG01 CONSTRUCTIO		this plan sheet will result in the construction	1. Maintain vehicles and equipment to prevent discharge of fluids.
		ound Stabilization and Materials Handling	2. Provide drip pans under any stored equipment.
		rmit (Sections E and F, respectively). The	 Identify leaks and repair as soon as feasible, or remove leaking equipment from the project.
		diment Control plan approved by the ils and specifications shown on this sheet	4. Collect all spent fluids, store in separate containers and properly dispose as
may not apply depending o	on site conditions and	d the delegated authority having jurisdiction.	hazardous waste (recycle when possible).5. Remove leaking vehicles and construction equipment from service until the probler
SECTION E: GROUND STAE	BILIZATION		has been corrected.Bring used fuels, lubricants, coolants, hydraulic fluids and other petroleum products
Re	equired Ground Stabi		 Bring used fuels, lubricants, coolants, hydraulic fluids and other petroleum products to a recycling or disposal center that handles these materials.
	Stabilize within this	5	
Site Area Description	many calendar days after ceasing	Timeframe variations	LITTER, BUILDING MATERIAL AND LAND CLEARING WASTE
(a) Desimator dikas	land disturbance		1. Never bury or burn waste. Place litter and debris in approved waste containers.
(a) Perimeter dikes, swales, ditches, and	7	None	2. Provide a sufficient number and size of waste containers (e.g dumpster, trash
perimeter slopes	7	None	receptacle) on site to contain construction and domestic wastes.3. Locate waste containers at least 50 feet away from storm drain inlets and surface
(b) High Quality Water			waters unless no other alternatives are reasonably available.
(HQW) Zones	7	None	 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.
(c) Slopes steeper than	7	If slopes are 10' or less in length and are	5. Cover waste containers at the end of each workday and before storm events or
3:1	7	not steeper than 2:1, 14 days are allowed	provide secondary containment. Repair or replace damaged waste containers.
		-7 days for slopes greater than 50' in	6. Anchor all lightweight items in waste containers during times of high winds.
		length and with slopes steeper than 4:1	7. Empty waste containers as needed to prevent overflow. Clean up immediately if
		-7 days for perimeter dikes, swales,	containers overflow.
(d) Slopes 3:1 to 4:1	14	ditches, perimeter slopes and HQW	8. Dispose waste off-site at an approved disposal facility.
		Zones	9. On business days, clean up and dispose of waste in designated waste containers.
		-10 days for Falls Lake Watershed	
		-7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones	PAINT AND OTHER LIQUID WASTE 1. Do not dump paint and other liquid waste into storm drains, streams or wetlands.
(e) Areas with slopes	14	-10 days for Falls Lake Watershed unless	 Locate paint washouts at least 50 feet away from storm drain inlets and surface
flatter than 4:1		there is zero slope	waters unless no other alternatives are reasonably available.
Note: After the permanent	t cessation of constru	iction activities, any areas with temporary	3. Contain liquid wastes in a controlled area.
		anent ground stabilization as soon as	4. Containment must be labeled, sized and placed appropriately for the needs of site.
		lar days after the last land disturbing	5. Prevent the discharge of soaps, solvents, detergents and other liquid wastes from
		e maintained in a manner to render the permanent ground stabilization is achieved.	construction sites.
		permanent ground stabilization is achieved.	PORTABLE TOILETS
GROUND STABILIZATION S			1. Install portable toilets on level ground, at least 50 feet away from storm drains,
5	'	not dislodge the soil. Use one of the	streams or wetlands unless there is no alternative reasonably available. If 50 foot
techniques in the table bel			offset is not attainable, provide relocation of portable toilet behind silt fence or plac
Temporary Stabi		Permanent Stabilization	on a gravel pad and surround with sand bags.
 Temporary grass seed cover other mulches and tackifier 		Permanent grass seed covered with straw or other mulches and tackifiers	 Provide staking or anchoring of portable toilets during periods of high winds or in hig foot traffic areas.
Hydroseeding		Geotextile fabrics such as permanent soil	3. Monitor portable toilets for leaking and properly dispose of any leaked material.
Rolled erosion control proc		reinforcement matting	Utilize a licensed sanitary waste hauler to remove leaking portable toilets and replac
without temporary grass se		Hydroseeding	with properly operating unit.
 Appropriately applied strav Plastic sheeting 		Shrubs or other permanent plantings covered with mulch	
	•	Uniform and evenly distributed ground cover	EARTHEN STOCKPILE MANAGEMENT
		sufficient to restrain erosion	1. Show stockpile locations on plans. Locate earthen-material stockpile areas at least
		Structural methods such as concrete, asphalt or retaining walls	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
		Rolled erosion control products with grass seed	available.
			2. Protect stockpile with silt fence installed along toe of slope with a minimum offset o
POLYACRYLAMIDES (PAM	-	_	five feet from the toe of stockpile.
		r the soils being exposed during	3. Provide stable stone access point when feasible.
	-	List of Approved PAMS/Flocculants. o Erosion and Sediment Control Measures.	 Stabilize stockpile within the timeframes provided on this sheet and in accordance with the approved plan and any additional requirements. Soil stabilization is define
		o Erosion and Sediment Control Measures. pecified in the NC DWR List of Approved	as vegetative, physical or chemical coverage techniques that will restrain accelerate
PAMS/Flocculants ar	nd in accordance with	h the manufacturer's instructions.	erosion on disturbed soils for temporary or permanent control needs.
4. Provide ponding area offsite.	a tor containment of	treated Stormwater before discharging	NODTI CADOLINA
	•	that are kept under storm-resistant cover	NORTH CAROLINA Environmental Quality
or surrounded by se	condary containment	t structures.	Linn onmental Quality

		ON, RECORDKEEPING AND REPORTING	SELF-
elow. When a ersonnel to be /hich it is safe t reater than 1.0	are required duri dverse weather or in jeopardy, the in to 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 the next business day. Any time when inspections	SECTION B: RECORDKEEPIN 1. E&SC Plan Documentation The approved E&SC plan approved E&SC plan must The following items pert inspection at all times du
		e Inspection Record.	Item to Docume
Inspect	Frequency (during normal business hours)	Inspection records must include:	 (a) Each E&SC measure has and does not significantly of locations, dimensions and
(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&
(2) E&SC Measures	At least once per 7 calendar days and within 24	approved by the Division. I. Identification of the measures inspected, Z. Date and time of the inspection, S. Name of the person performing the inspection,	(b) A phase of grading has
	hours of a rain event <u>></u> 1.0 inch in 24 hours	 Indication of whether the measures were operating properly, Description of maintenance needs for the measure, Description, evidence, and date of corrective actions taken. 	(c) Ground cover is located in accordance with the app plan.
(3) Stormwater discharge outfalls (SDOs)	At least once per 7 calendar days and within 24 hours of a rain event \geq 1.0 inch in	Identification of the discharge outfalls inspected, Date and time of the inspection, Name of the person performing the inspection, Evidence of indicators of stormwater pollution such as oil sheen, floating or suspended solids or discoloration,	(d) The maintenance and r requirements for all E&SC r have been performed.
(4) Perimeter of site	24 hours At least once per 7 calendar days	Indication of visible sediment leaving the site, Description, evidence, and date of corrective actions taken. If visible sedimentation is found outside site limits, then a record of the following shall be made:	(e) Corrective actions have to E&SC measures.
	and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	 Actions taken to dean up or stabilize the sediment that has left the site limits, Description, evidence, and date of corrective actions taken, and An explanation as to the actions taken to control future releases 	2. Additional Documentati In addition to the E&SC p site and available for insp
(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	Division provides a site-s this requirement not pra
accessible)	event ≥ 1.0 inch in 24 hours	2. Records of the required reports to the appropriate Division Regional Office per Part III, Section C, Item (2)(a) of this permit.	(a) This General Permit
(6) Ground stabilization measures	After each phase of grading	 The phase of grading (installation of perimeter E&SC measures, clearing and grubbing, installation of storm drainage facilities, completion of all land-disturbing activity, construction or redevelopment, permanent ground cover). Documentation that the required ground stabilization measures have been provided within the required 	(b) Records of inspectio record the required Division or a similar electronically-availa shown to provide eq
NOTE: The rai	n inspection reset	timeframe or an assurance that they will be provided as soon as possible. s the required 7 calendar day inspection requirement.	3. Documentation to be Re All data used to complete of three years after proje

- Non-surface withdrawals from sediment basins shall be allowed only when all of the following criteria have been met:
- 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

	CLIENT	
205 S. Fuquay Avenue Fuquay-Varina, NC 27526	The Joel Fund 822 S White St, Suite 116 Wake Forrest, NC 27587 919.418.9042 Contact: Brook Dickhart email: brooke@joelfund.org	

: (919) 552-204



THE JOEL FUND - SDP-24-08

EROSION CONTROL DETAILS II

UNSITE CONCRETE WASHO STRUCTURE WITH LINER

2. THE CONCRETE VASHOUT STRUCTURES SHA DE HADITAINED VHEN THE LIQUID AND/OR SOLID REACHES 75X OF THE STRUCTURES

SCENCRETE VASHEUT STRUCTURE NEEDS TO BE CLEARY MARKED WITH SIGNAGE NOTING DEVICE.

BELOW GRADE WASHOUT STRUCTUR

SCONCRETE VASHOUT STRUCTUR NEEDS TO BE CLEARY HARKED V SIGNAGE NOTING DEVICE.

ABOVE GRADE WASHOUT STRUCTURE

CUNCRETE CLEARLY HARKED SIGNAGE

PLAN

EC-1.2

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INSPECTION AND MONITORING RECORDS FOR ACTIVITIES UNDER STORMWATER GENERAL PERMIT NCG010000 AND SELF-INSPECTION RECORDS FOR LAND DISTURBING ACTIVITIES PER G.S. 113A-54.1

Project Name				Land Quality or Local Program Project/Permit #			
Approving Authority		Date of Plan Approval		Expiration Date, if applicable			
NCG010000 Certificate of Coverage Number				Date of COC Issuance			
Coverage under the NCG	010000 permit must be renewed annuall	y, if issued after	April 1, 2019 until No	otice of Termination is filed and approved			
ART 1A: Rainfall Data		PART	1B: Phase(s) of the	Plan			
	Rain Amount (inches) Daily Rainfall Required. If no rai	n,	Check ALL applicable box(es) that apply to completed & current phases				
••	indicate with a "zero"	Initial in	Initial installation of erosion and sediment control measures				
Μ		Clearin	Clearing and grubbing of existing ground cover				
T		Comple	Completion of any grading that requires ground cover				
W		Comple	Completion of all land-disturbing activity, construction or development				
Th		Perma	Permanent ground cover sufficient to restrain erosion has been established				
F							
Sat (Inspection Optional)							
Sun (Inspection Optional)							
· · · · · · · · · · · · · · · · · · ·							
Are there any site or project constrained of inspection? If yes, explain conditions and are							

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inaccessible.

PART 2: STORMWATER PLANS AND CONTROLS: For each question below, mark the corresponding box as Yes, No or N/A. For all items marked "No", note in Part 3A the Reference letter and provide the Corrective Action and location of the deficiency, the original date noted, and the date it was noted as being corrected. NOTE: Reference letters may be used multiple times.

	Is the approval letter or certificate, COC and a copy of the NPDES Construction General Permit (CGP) on site? (Readily available electronic copy of CGP is acceptable)			
В	Is the approved plan on site and current?			
Reference	Part 2B: Stormwater Pollutant Controls	Yes	No	N/A
	Are erosion and sediment controls that are shown on the approved plan installed and operating properly with no repairs needed?			
	Are stormwater controls that are shown on the approved plan installed and operating properly with no repairs needed?			
E	Vehicle Tracking: Are construction entrances operating properly with no repairs needed?			
	Soil Stabilization: Are areas of the site where construction activities have ceased been properly stabilized within the required timeframes?			
	Are earthen stockpiles stabilized or otherwise protected from sediment loss, and located at least 50 feet away or downhill from drain inlets and surface waters?			
Reference	Part 2C: Non-Storm Water Pollutant Controls	Yes	No	N/A
	Concrete, stucco, paint, etc. washouts: Are washouts installed, properly located, posted and operating with no repairs needed?			
1	Solid & hazardous wastes: Are trash, debris, and hazardous materials properly managed?			
J	Sanitary waste: Are portable toilets properly located and operating with no visible repairs needed?			
	Equipment and stored fluids: Are fuels, lubricants, hydraulic fluids, etc. contained so as not to enter surface and ground waters?			
	Report oil spills and the release of hazardous substances to the appropriate DEQ Regional Office via ph within 24 hours of discovery. <u>https://deq.nc.gov/contact/regional-offices</u>	none call	or email	

this from rec	urring.			-				
Reference	Part 2D: Sedimentation	Yes	No	N/A				
L	Are sediment or other pollutants noted beyond the approved or permitted limits of disturbance?							
М	Are BMPs detected as releasing sediment or other pollutants into receiving waters?							
	Report visible sedimentation into streams or wetlands to the appropriate DEQ Regional Office via phone call or email within 24 hours of discovery. <u>https://deq.nc.gov/contact/regional-offices</u>							

1 2 0 3	12/02/2024 1/06/2025 1/14/2025 4/10/2025	TOWN OF R TOWN OF R Sli	SIONS OLESVILLE COMMENTS OLESVILLE COMMENTS GNATURE SET DT COMMENTS #1		PROFESSIONAL'S SEAL	
			TUS URE SET		36823	ENGINEERING
DATE	E: AUGUST 30,	2024	HORZ. SCALE:		S. P.F.	
FILE	NO. 2024-033		ORIG. SHEET SIZE: 24 x 36	6	04/23/2025	

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Page **3** of **5**

PART 3A: EROSION AND SEDIMENTATION CONTROL MEASURES: Measures must be inspected at least ONCE PER 7 CALENDAR DAYS AND WITHIN 24 HOURS OF A RAINFALL EVENT EQUAL TO OR GREATER THAN 1.0 INCH PER 24 HOUR PERIOD. Add rows as needed. Frosion and Sedimentation Control Measures

Erosion and Sedimentation Co Inspected	ontrol Meas	ures	Inspection Date	Describe Actions Needed Corrective actions should be performed as soon as possible	Date Previous Action(s) Observed as Corrected	
Measure ID or Location and Description	Reference(s)	Operating Properly? (Y/N)		and before the next storm event		
				endanger health or the environment, to the appropriate DEQ Region covery. https://deq.nc.gov/contact/regional-offices	onal Office	

PART 3B: STORMWATER DISCHARGE OUTFALLS (SDOs): SDOs must be inspected at least ONCE PER 7 CALENDAR DAYS AND WITHIN 24 HOURS OF A RAINFALL EVENT EQUAL TO OR GREATER THAN 1.0 INCH PER 24 HOUR PERIOD. Add rows as needed. Stormwater Discharge Outfalls Inspected

Stormwater Discharge Outfall ID or Location	Any Visible Sedimentation in Streams, Wetlands or Outside Site Limits? (Y/N)	Any Increase in Stream	Any Visible Erosion	Any visible oil sheen, floating or suspended solids or discoloration? (Y/N)	Inspection Date	Describe Actions Needed Corrective actions should be performed as soon as possible and before the next storm event	Previous Action(s) Observed as Corrected

Page 2 of 5

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All other areas with slopes flatter than 4:1 14 Days

PART 3C: GROUND STABILIZATION: Must be recorded, at a minimum, after each phase. *Add rows as needed.*

Site area description and location where construction activities have temporarily or permanently ceased	Time Limit for Ground Cover (see table below)	Have stabilization measures been installed? (Y/N)	Temporary or Permanent Stabilization (T/P)	Is Ground Cover Sufficient to Restrain Erosion? (Y/N)	Original Inspection Date	Describe Actions Needed <u>Corrective actions should be performed as</u> <u>soon as possible and before the next</u> <u>storm event</u>	Date Previous Action(s Observed as Corrected		
		GF	ROUND STA	BILIZATION		IES			
Site Area Description		Stabilization	า			Timeframe Variations			
Perimeter dikes, swales and slopes		7 Days	None						
High Quality Water (HQW) Zones		7 Days	None						
Slopes Steeper than 3:1 7 Days			14 days f	7 days for perimeter dikes, swales, slopes and HWQ zones 14 days for slopes 10 ft or less in length and not steeper than 2:1 10 days for Falls Lake Watershed					
Slopes 3:1 to 4:1 14 Days			7 days fo	7 days for perimeter dikes, swales, slopes and HWQ zones 7 days for slopes greater than 50 ft in length					

10 days for Falls Lake Watershed

10 days for Falls Lake Watershed

7 days for perimeter dikes, swales, slopes and HWQ zones

ated



LIENT

The Joel Fund 822 S White St, Suite 116 Wake Forrest, NC 27587 919.418.9042 Contact: Brook Dickhart email: brooke@joelfund.org

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Date

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PART 3D: NEW OR REVISED MEASURES: Erosion and sedimentation control measures omitted or installed, at a minimum since the last inspection, shall be documented here or by initialing and dating each measure or practice shown on a copy of the approved erosion and sedimentation control plan. Alterations and relocations of measures shall also be documented if they significantly deviate from the approved plan. The removal of measures should also be documented. List dimensions of measures such as Sediment Basins and Dissipator Pads. Add rows as needed. Corrective actions should be included in Part 3A.

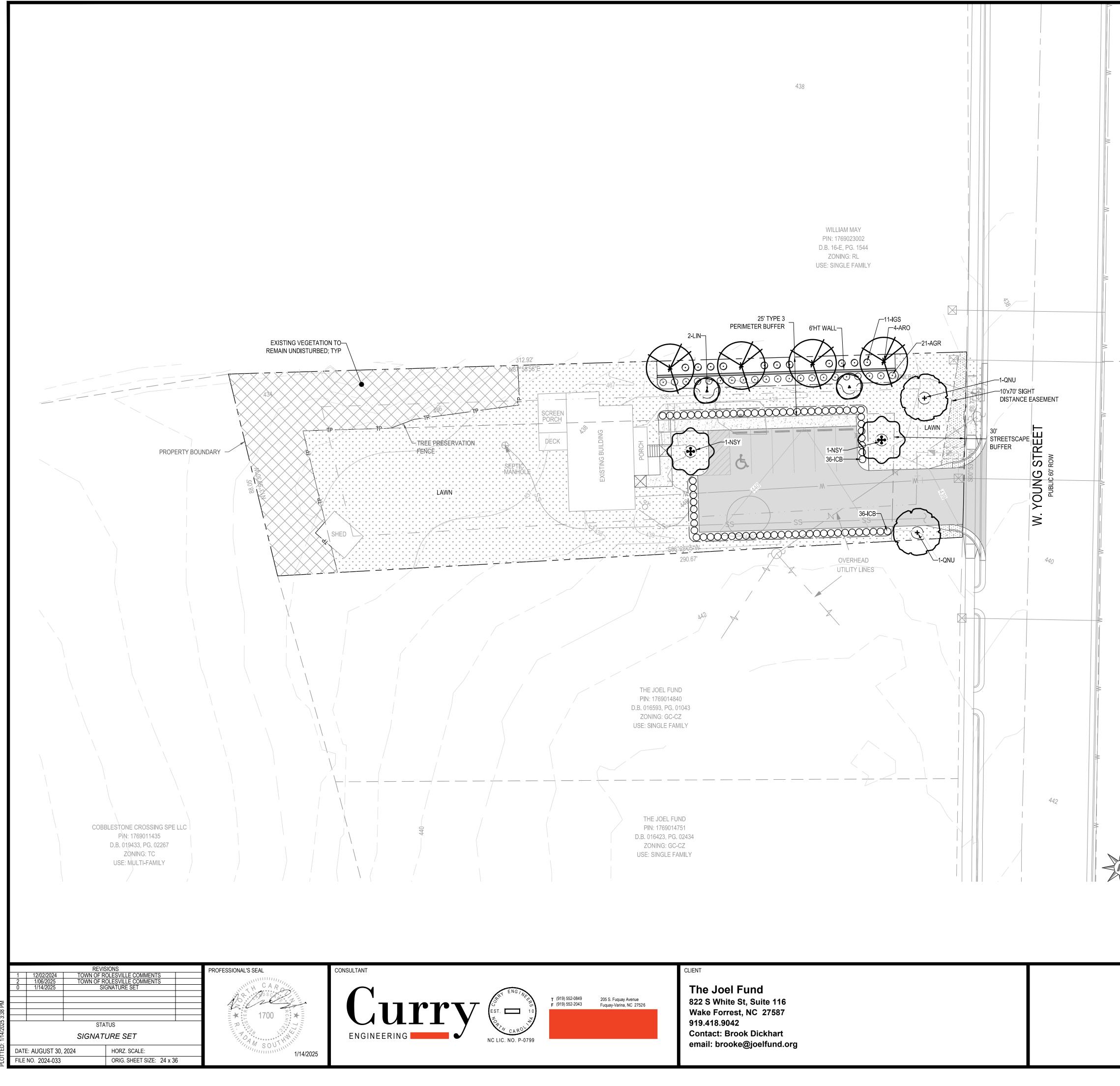
Measure ID or Location and Description	Proposed Dimensions (ft.)	Actual Dimensions (ft.)	Significant Deviation* from Plan? (Y/N)	Date measure observed as installed, altered, relocated or removed	Installed (I) Altered (A) Relocated (R) Removed (X)

*Significant deviation means any omission, alteration or relocation of an erosion or sedimentation control measure that prevents it from performing as intended.

PART 4: Signature of Inspector

Financially Responsible				County				
Party (FRP) / Permitt	tee			obuilty				
INSPECTOR		Name	Employer					
Inspector Type (Mark)	x	Address	<u> </u>					
FRP/Permittee								
Agent/Designee		Phone Number	Email Address					
By this signature, I certify in accordance with the NCG010000 permit & G.S. 113A-54.1 that this report is accurate and complete to the best of my knowledge.								
Financially Responsible	Part	y / Permittee or Agent / Designee	Date & Time of Inspection	l				

CONSTRUCTION DRAWINGS THE JOEL FUND - SDP-24-08 **EROSION CONTROL DETAILS III**



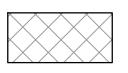
TOWN OF ROLESVILLE LANDSCAPE NOTES:

- 1. ALL LANDSCAPING IS TO BE INSTALLED IN ACCORDANCE WITH THE TOWN OF ROLESVILLE LAND DEVELOPMENT ORDINANCE AND ANY APPLICABLE
- STANDARDS. 2. A CERTIFICATE OF OCCUPANCY SHALL NOT BE ISSUED, UNTIL ALL REQUIRED PLANT MATERIALS HAVE BEEN PLACED IN ACCORDANCE WITH THE
- APPROVE LANDSCAPE PLAN AND REQUIREMENTS OF THE LDO. 3. A TEMPORARY CERTIFICATE OF OCCUPANCY MAY BE ISSUED FOR A PERIOD OF 30 TO 180 DAYS UNDER CIRCUMSTANCES THAT WOULD AFFECT THE INSTALLATION OF REQUIRED PLANT MATERIAL, OR UNTIL THE PROPER PLANTING SEASON IS REACHED, TO COMPLETE THE REQUIREMENTS OF THE
- LDO. 4. THE LAND DEVELOPMENT ADMINISTRATOR SHALL INSPECT LANDSCAPING PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY (UNLESS A
- TEMPORARY CERTIFICATE OF OCCUPANCY OR CERTIFICATE OF COMPLIANCE HAS BEEN GRANTED). AN AS-BUILT PLAN SHALL BE PROVIDED TO THE TOWN FOR LANDSCAPING IMPROVEMENTS REQUIRED PER THE SITE PLAN. 5. ALL REQUIRED LANDSCAPING SHALL BE STABILIZED AND MAINTAINED WITH VEGETATIVE COVER, MULCH, OR OTHER APPROVED MATERIALS BY THE
- LAND DEVELOPMENT ADMINISTRATOR TO PREVENT EROSION. 6. THE OWNER OF PROPERTY SHALL BE RESPONSIBLE FOR PROTECTING AND MAINTAINING PLANT MATERIAL. MAINTENANCE OF PLANT MATERIAL SHALL
- ALSO COMPLY WITH THE FOLLOWING: a. ALL LANDSCAPING, INCLUDING LANDSCAPING USED FOR BUFFERS AND SCREENING PURPOSES, SHALL BE DESIGNED, AND MAINTAINED ACCORDING TO SOUND LANDSCAPE AND HORTICULTURAL PRACTICES, AND ALL FENCES/WALLS SHALL BE MAINTAINED IN THE CONDITION IN
- WHICH THEY WERE ORIGINALLY APPROVED.
- b. ALL PLANT MATERIAL SHALL BE MAINTAINED IN AN ATTRACTIVE AND HEALTHY CONDITION.
- c. DEAD OR DISEASED PLANT MATERIAL SHALL BE REMOVED AND REPLACED. d. THE RESPONSIBILITY OF MAINTENANCE OF A REQUIRED BUFFER SHALL REMAIN WITH THE OWNER OF THE PROPERTY, OR THEIR GRANTEE. 7. NOTHING SHALL BE PLANTED OR INSTALLED WITHIN AN UNDERGROUND OR OVERHEAD UTILITY OR DRAINAGE EASEMENT WITHOUT TOWN APPROVAL AND EASEMENT HOLDER APPROVAL.

GENERAL LANDSCAPE NOTES:

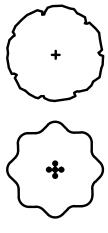
- 1. THE CONTRACTOR SHALL MAINTAIN OR PROVIDE POSITIVE DRAINAGE AWAY FROM ALL BUILDING FOUNDATIONS, STRUCTURES, AND WITHIN PLANTING BEDS
- 2. THE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIAL IN QUANTITIES SUFFICIENT TO COMPLETE ALL PLANTINGS SHOWN ON THIS DRAWING UNLESS OTHERWISE DIRECTED BY THE OWNER. THE PLAN SHALL SUPERSEDE THE PLANT SCHEDULE IF THERE ARE DISCREPANCIES BETWEEN THE TWO.
- 3. ALL PLANTS SHALL MEET OR EXCEED THE MINIMUM STANDARDS SET BY THE U.S.D.A. FOR NURSERY STOCK, SPONSORED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC., WASHINGTON, D.C. ALL PLANT MATERIAL SHALL BE OF HIGHEST QUALITY AVAILABLE. TREES SHALL HAVE STRAIGHT TRUNKS AND FULL HEADS (APPROPRIATE FOR GENUS AND SPECIES). SHRUBS SHALL BE LOW BRANCHED AND FULL EXCEPT AS SPECIFIED. ALL MATERIAL OF THE SAME TYPE SHALL BE MATCHED IN HEIGHT, SPREAD, AND FORM. ANY PLANT MATERIAL SUBSTITUTIONS SHALL BE APPROVED BY THE OWNER AND/OR LANDSCAPE ARCHITECT.
- 4. ALL PLANTS SHALL BEAR THE SAME RELATIONSHIP TO FINISHED GRADE AS TO THE ORIGINAL GRADES BEFORE DIGGING. THE CONTRACTOR SHALL REVISE GRADES AT A MINIMUM OF +/- ½% TO ENSURE SMOOTH TRANSITIONS BETWEEN PLANTING BEDS AND LAWN AREAS.
- 5. PLANT SIZES SHOWN IN THE PLANT SCHEDULE ARE MINIMUM ALLOWED AT THE TIME OF INSTALLATION.
- 6. INSTALL A MINIMUM OF 3" DEPTH OF SHREDDED HARDWOOD MULCH OR PINESTRAW MULCH AS APPROVED BY THE OWNER. 7. ALL TREES LOCATED ADJACENT TO WALKS AND DRIVES SHALL HAVE A MINIMUM 6' CLEARANCE HEIGHT TO THE FIRST BRANCHING.
- 8. ALL TREES SHALL BE PLACED A MINIMUM OF 3' FROM SIDEWALKS, CURBS, AND HARDSCAPE, AND A MINIMUM OF 6' FROM FIRE HYDRANTS AND OTHER UTILITIES, UNLESS OTHERWISE NOTED ON PLANS.
- 9. ALL PLANTS AND STAKES SHALL BE SET PLUMB UNLESS OTHERWISE SPECIFIED.
- 10. ALL PLANTING BED EDGES TO BE SMOOTH FLOWING ARCS, UNLESS OTHERWISE SPECIFIED. BED EDGES SHALL BE SMOOTH, CONSISTENT, TRENCHED 3 TO 4 INCHES DEEP, AND "V" SHAPED. ALL EXCAVATED MATERIAL SHALL BE REMOVED FROM THE BED EDGE AND PLANTING BED.
- 11. IF THE CONTRACTOR OBSERVES ANY DEFICIENCIES IN THE SITE CONDITIONS OF WHICH COULD NEGATIVELY AFFECT PLANT ESTABLISHMENT, SURVIVAL, OR GUARANTEE, NOTIFY THE OWNER PRIOR TO PROCUREMENT AND/OR INSTALLATION.
- 12. ANY DISTURBED AREAS THAT ARE NOT TO BE PLANTED OR LAWN, SHALL BE RESTORED TO THEIR PREVIOUS CONDITION (INCLUDING FINE GRADING UNEVEN AREAS, SEEDING OR SODDING, AND/OR MULCHING).

LANDSCAPE LEGEND:



EXISTING UNDISTURBED VEGETATION

CANOPY TREES



QNU - QUERCUS NUTTALLII



NSY - NYSSA SYLVATICA

ARO - ACER RUBRUM 'OCTOBER GLORY'

UNDERSTORY TREES



LIN - LAGERSTROEMIA INDICA

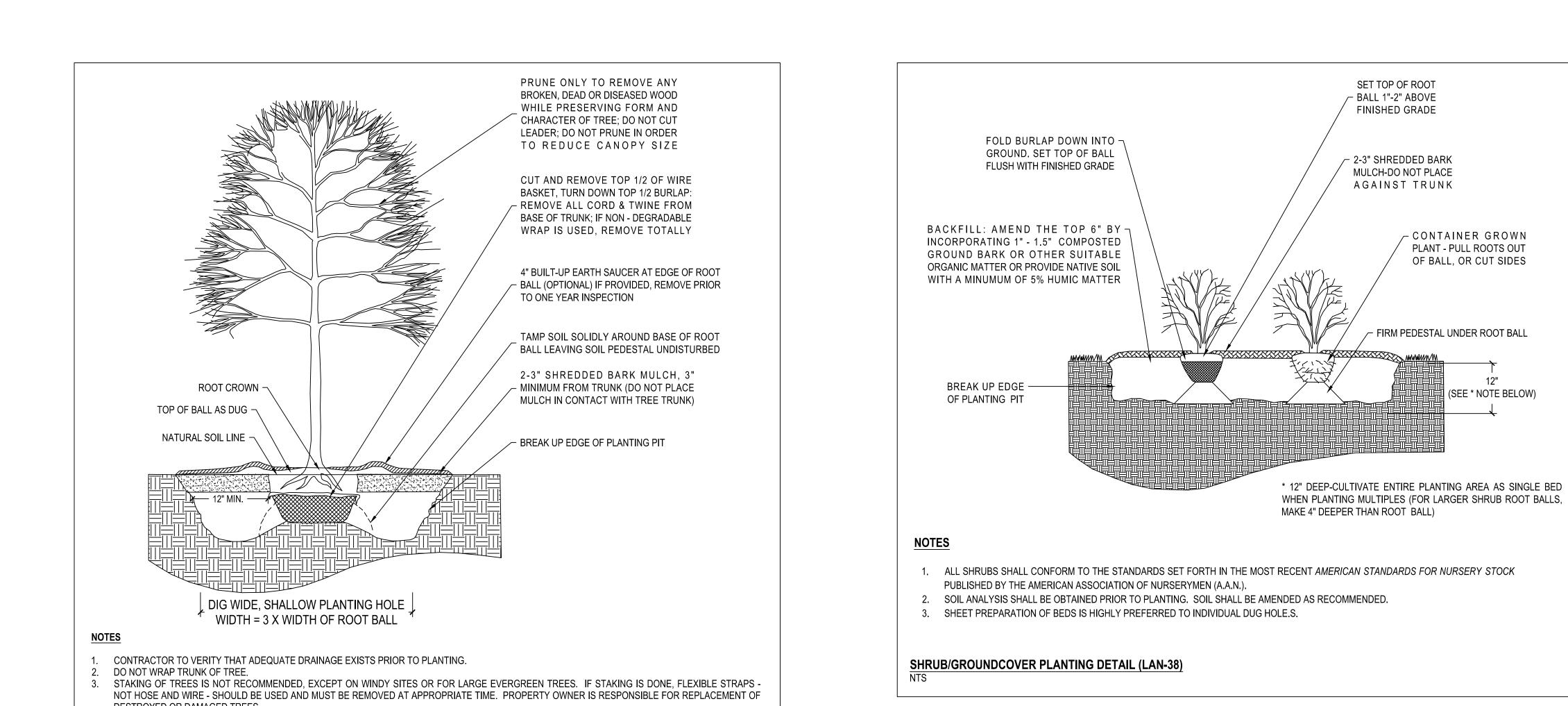
SHRUBS

\odot	AGR - ABELIA x GRANDIFLORA
0	ICB - ILEX CORNUTA 'BURFORDII NANA'
\odot	IGS - ILEX GLABRA 'SHAMROCK'
	SCALE: 1 IN = 20 FT
20'	10' 0 20'

SCALE IN FEET HORIZONTAL

CONSTRUCTION DRAWINGS THE JOEL FUND - SDP-24-08 LANDSCAPE PLAN

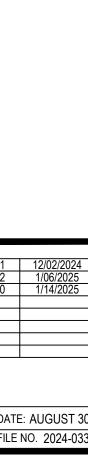
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- DESTROYED OR DAMAGED TREES. 4. ALL TREES SHALL CONFORM TO THE STANDARDS SET FORTH IN THE MOST RECENT AMERICAN STANDARDS FOR NURSERY STOCK PUBLISHED BY THE
- AMERICAN ASSOCIATION OF NURSERYMEN (A.A.N.). 5. TREES WITH ROOT FLARE COVERED BY MORE THAN 1.5" OF SOIL WILL BE REJECTED PRIOR TO INSTALLATION.

TREE PLANTING DETAIL	(LAN-37)
NTS	

				PLA	NT SCHEDULE				
KEY	QTY	BOTANICAL NAME	COMMON NAME	ROOT	CALIPER (MINIMUM)	HEIGHT (MINIMUM)	TYPE	USE	NOTES
ANOPY TRE	ES			·	•	•		•	
ARO	4	Acer rubrum 'October Glory'	October Glory® Red Maple	B&B	2"	8'	D	PERIMETER BUFFER	MATCHED
QNU	2	Quercus nuttallii	Nuttall Oak	B&B	2.5"	8'	D	STREETSCAPE BUFFER	MATCHED
NSY	2	Nyssa sylvatica	Black Gum	B&B	2"	8'	D	PARKING LOT	MATCHED
INDERSTOR	Y TREES				•			•	
LIN	2	Lagerstroemia indica	Crape Myrtle	B&B	1"	8'	D	PERIMETER BUFFER	MATCHED
HRUBS	•				•	•			
AGR	21	Abelia x grandiflora	Glossy Abelia	CONT.		18"	E	PERIMETER BUFFER	MATCHED
ICB	72	llex cornuta 'Burfordii Nana'	Dwarf Burford Holly	CONT.		18"	E	PARKING LOT / PERIMETER BUFFER	MATCHED
IGS	11	llex glabra 'Shamrock'	Shamrock Inkberry Holly	CONT.		18"	E	PERIMETER BUFFER	MATCHED
			·		•			•	
	11		· ·				_		



REVISIONS				PROFESSIONAL'S SEAL	CONSULTANT	
1	12/02/2024	TOWN OF R	OLESVILLE COMMENTS			
2	1/06/2025	TOWN OF R	OLESVILLE COMMENTS			
0	1/14/2025	SIC	GNATURE SET		HUARO	
					DSC	at ENG/NA
					AO PARA	
					★ 1700 № ★ E	EST. 10
STATUS				ER ····		
SIGNATURE SET					ENGINEERING NC LIC. NO. P-0799	
					SOUT	
DATE: AUGUST 30, 2024 HORZ. SCALE:		1/14/2025				
FILE NO. 2024-033 ORIG. SHEET SIZE: 24 x 36		11112020				

 T
 (919) 552-0849
 205 S. Fuquay Avenue

 F
 (919) 552-2043
 Fuquay-Varina, NC 27526

The Joel Fund 822 S White St, Suite 116 Wake Forrest, NC 27587 919.418.9042 **Contact: Brook Dickhart** email: brooke@joelfund.org

LANDSCAPE CALCULATIONS:

PERIMETER BUFFERS REQUIREMENTS: 25' TYPE 3

4 CANOPY TREES PER 100 LF
2 UNDERSTORY TREES PER 100 LF
60 SHRUBS PER 100 LF
6'HT WALL

BUFFER REQUIRED 101.33 LF 4 CANOPY TREES 2 UNDERSTORY TREES 61 SHRUBS 6'HT WALL 4 CANOPY TREES

2 UNDERSTORY TREES

61 SHRUBS

6'H WALL

PROVIDED

STREET BUFFERS REQUIREMENTS: 30' STREETSCAPE BUFFER

STREETSCAPE BUFFER REQUIRED PROVIDED

PARKING LOT LANDSCAPING REQUIREMENTS:

78.56 LF 2 CANOPY TREES 2 CANOPY TREES

1 CANOPY TREE PER 40 LF

REQUIRED PROVIDED

1 CANOPY TREE PER TERMINAL ISLAND CONTINUOUS EVERGREEN PERIMETER PLANTING @ 3' O.C. 2 CANOPY TREES CONTINUOUS EVERGREEN PERIMETER PLANTING @ 3' O.C.

2 CANOPY TREES CONTINUOUS EVERGREEN PERIMETER PLANTING @ 3' O.C.

CONSTRUCTION DRAWINGS THE JOEL FUND - SDP-24-08 LANDSCAPE DETAILS

L-2.0