SITE DEVELOPMENT PLANS

FOR —

REFERENCES AND CONTACTS

REFERENCES **♦** GEOTECHNICAL INVESTIGATION TERRATECH ENGINEERING, INC 4905 PROFESSIONAL CT RALEIGH, NC **♦ARCHITECTURAL PLAN:** BDG ARCHITECTS, LLP 550 S CALDWELL ST. STE 1800 CHARLOTTE, NC 28202 DATED: 07/01/24 **GOVERNING AGENCIES** ♦TOWN OF ROLESVILLE PLANNING MEREDITH GRUBER, DIRECTOR 502 SOUTHTOWN CIRCLE ROLESVILLE, NC 27571 PHONE: (919) 554-6517 EMAIL: MEREDITH.GRUBER@ROLESVILLE.NC.GOV **♦ BUILDING DEPARTMENT** TOWN OF ROLESVILLE & WAKE COUNTY 502 SOUTHTOWN CIRCLE ROLESVILLE, NC 27571 **♦FIRE DEPARTMENT** DONNY LAWRENCE - FIRE CHIEF 104 E YOUNG ST ROLESVILLE, NC 27571 PHONE: (919) 556-2064 ♦ NCDOT DIVISION 5 **BRANDON JONES** DURHAM, NC 27704 PHONE: (919) 317-4700 EMAIL: BHJONES@NCDOT.GOV

THE ABOVE REFERENCED DOCUMENTS ARE INCORPORATED BY REFERENCE AS PART OF THESE PLANS, HOWEVER, BOHLER ENGINEERING DOES NOT CERTIFY THE ACCURACY OF THE WORK REFERENCED OR DERIVED FROM THESE DOCUMENTS. BY OTHERS.

CHASE

LOCATION OF SITE 735 S MAIN ST **TOWN OF ROLESVILLE, NC 27571 WAKE COUNTY** PIN #: 1758-56-1750

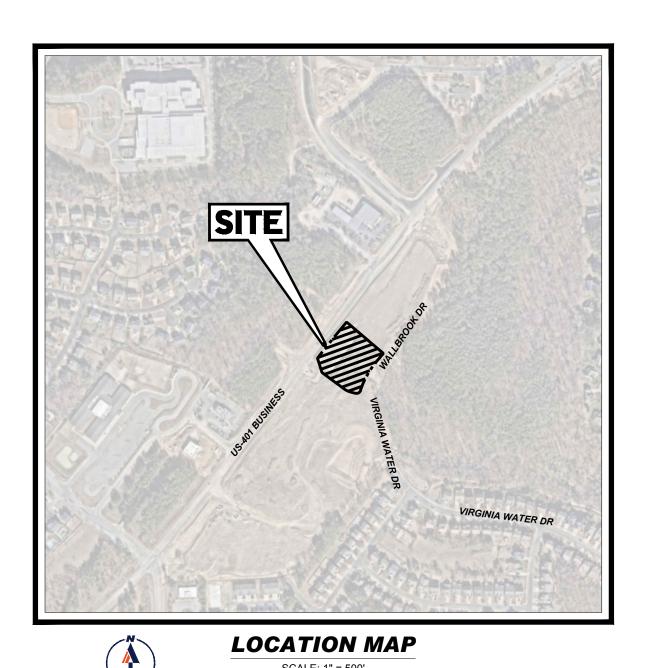
REID #: 0530122

PROJECT NUMBER & SUBMITTAL TYPE: V5 - SDP-24-03

ADJACENT DEVELOPMENT PROJECT NUMBER AND SUBMITTAL TYPE: SDP 25-03 PREVIOUS CASE NUMBERS OF ASSOCIATED APPROVALS: PR 21-04 REVISED

PSP 24-01

FSP 24-13



OVERALL DEVELOPER

SOURCE: NEARMAPS

OWNER

PREPARED BY

DEVELOPER JLL / CHASE 4509 CREEDMOOR RD, STE 300 RALEIGH, NC 27612 (919) 851-9111 LISA.CRUMMIE@JPMCHASE.COM (704) 363-6122

BOHLER//

CONTACT: OLIVER KAIJA, PE OKAIJA@BOHLERENG.COM, (919) 578-9000

SHEET INDEX NUMBER SHEET TITLE **COVER SHEET** C-101 **GENERAL NOTES AND LEGEND** C-102 FINAL SUBDIVISION PLAT (BY OTHERS) 1 OF 2 FINAL SUBDIVISION PLAT (BY OTHERS) 2 OF 2 **EXISTING CONDITIONS/ DEMOLITION PLAN** C-201 SITE PLAN C-301 PAVING PLAN C-302 TRUCK TURN PLAN C-303 **GRADING PLAN** C-401 UTILITY PLAN C-501 **EROSION AND SEDIMENT CONTROL PLAN PHASE 1** C-801 **EROSION AND SEDIMENT CONTROL PLAN PHASE 2** C-802 **EROSION AND SEDIMENT CONTROL PLAN PHASE 3** C-803 **EROSION AND SEDIMENT CONTROL NOTES AND DETAILS** C-804 EROSION AND SEDIMENT CONTROL NOTES AND DETAILS C-805 CONSTRUCTION DETAILS C-901 CONSTRUCTION DETAILS C-902 CONSTRUCTION DETAILS C-903 LANDSCAPE PLAN L-101 LANDSCAPE DETAILS L-102 PHOTOMETRIC SITE PLAN E1.0

	Z	ONING TABL	.E	
	ZONE: GC-CZ P LOT:	PIN: 1758-56-3963 GENERAL COMMERCIAL - CONDITIC CURRENT USE: VACANT ROPOSED USE: BANKING SERVICES: 5A, WALLBROOK, BM2025/PG1690- ED SQUARE FOOTAGE OF BUILDING	DNAL ZONING S 1691	
A	PPLICANT	/ OWNER INF	ORMATION	
APPLICANT:		4	JLL 4509 CREEDMOOR RD, STE 300 RALEIGH, NC 27612	
PROPERTY OWN	ER:	w	WALLBROOK LANDCO, LLC 3 KEEL ST, STE 2 /RIGHTSVILLE BEACH, NC 2848(0
	BUL	K REQUIREME	NTS	
ITEM	CODE	PERMITTED	EXISTING	PROPOSED
MIN LOT AREA	§ 3.2.1	20,000 SF (0.46 AC)	71,000 SF (1.63 AC)	71,000 (1.63 AC)
MIN LOT WIDTH	§ 3.2.1	100.0'	±260.0'	±260.0'
MIN LOT DEPTH	N/A	N/A	N/A	N/A
MIN YARD SETBACKS				
FRONT YARD	§ 3.2.1	20' FROM FRONT PROPERTY LINE	N/A	70.0'
SIDE YARD	§ 3.2.1	15.0' FROM SIDE LOT LINE	N/A	95.0'
REAR YARD	§ 3.2.1	35.0' FROM REAR LOT LINE	N/A	N/A
MAX PERMITTED HEIGHT	§ 3.2.1	35.0'	N/A	21.5'
MAX LOT COVERAGE	§ 3.2.1	N/A	N/A	TBD
MIN PARKING SETBACKS	§ 6.2.2.2			
FRONT	§ 6.2.2.2	30.0' FROM R/W	N/A	40.0'
SIDE	§ 6.2.2.2	10.0' FROM R/W	N/A	70.0'
MIN ACCESS DRIVEWAY WIDTH	§ 6.4.4	24'	N/A	24'
			KEY =	VARIANCE REQUIRED
	PARKI	NG REQUIREN	MENTS	
ITEM	CODE	PERMITTED	EXISTING	PROPOSED
MIN VEHICULAR PARKING	§ 6.4.3	2.5 SPACES PER 1,000 SF 2.5x(3,333 SF/1,000 SF) = 8	N/A	20 SPACES
MAX VEHICULAR PARKING	§ 6.4.3	6.0 SPACES PER 1,000 SF 6.0x(3,333 SF/1,000 SF) = 20	N/A	20 SPACES
MIN HANDICAP SPACES	2010 ADA CODE	1-25 SPACES REQUIRES MINIMUM OF 1 ADA SPACE	N/A	2 SPACES
MIN BICYCLE PARKING	§ 6.4.7	1 SPACE PER 5,000 SF 1x(3,333 SF/5,000 SF) = 1	N/A	3 BICYCLE RACKS
MAX BICYCLE PARKING	§ 6.4.7	20 BICYCLE SPACES	N/A	3 BICYCLE RACKS
MIN STACKING REQUIREMENTS	§ 5.1.4.B	2 SPACES @ 10' x 20'	N/A	2 SPACES
	ADDI'	TIONAL SITE	DATA	
WATERSHED			LOWER NEUSE	
RIVER BASIN			NEUSE	
CURRENT ON-SITE IMPERVIOUS AREA	A		5,077 SF	
PROPOSED ON-SITE IMPERVIOUS ARE	ΞA		25,046 SF	
TOTAL ON-SITE IMPERVIOUS AREA		3	30,123 SF (42.5% OF SITE AREA)	
		+		

RALEIGH WATER

ALLOTTED ON-SITE IMPERVIOUS AREA (BM 2025, PG 1254)



1.3842 AC OR 60,296 SF (85% OF SITE AREA)



REVISIONS				
REV	DATE	COMMENT	DRAWN BY	
			CHECKED BY	
1	7/1/24	TRC COMMENTS	CJAC	
'	1/1/24	TRO COMMENTS	OAK	
2	0/2/25	TDC COMMENTS	RS/CC	
	9/2/25	TRC COMMENTS	OAK	
_	40/0/05	TRC COMMENTS	RS/CC	
3	10/2/25		OAK	
4	444005	TDC COMMENTS	RBS	
4	11/12/25	TRC COMMENTS	OAK	



PERMIT SET

THIS DRAWING IS INTENDED FOR MUNICIPAL AND/OR AGENCY EVIEW AND APPROVAL. IT IS NOT INTENDED AS A CONSTRUCTION DOCUMENT UNLESS INDICATED OTHERWISE. DRAWN BY: RS/JE/CC CHECKED BY: DATE: CAD I.D.: P-CIVL-CNDS PROJECT:

SITE DEVELOPMENT **PLANS**

CHASE •

DEVELOPMENT

735 S MAIN ST **ROLESVILLE, NC 27571 WAKE COUNTY**

BOHLER

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NC@BohlerEng.com



COVER SHEET

C-101

REVISION 4 - 11/12/25

EROSION CONTROL, STORMWATER AND FLOODPLAIN MANAGEMENT **APPROVED** EROSION CONTROL X SEC-156034-2025 STORMWATER MGMT. X SWF- 156862-2025

FLOOD STUDY

SWF-DATE 12/05/2025

Elizabeth Towell

ENVIRONMENTAL CONSULTANT SIGNATURE

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJE VORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE THE SPECIFICATIONS OR APPLICABLE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE PROJECT ENGINEER OF RECORD VRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY THE PROJECT ENGINEER SHALL CONSTITU

THE LIKE, THE CONTRACTOR AND/OR OWNER AGREE TO AND MUST JOINTLY, INDEPENDENTLY, SEPARATELY, AND SEVERALLY INDEMNIFY AND HOLD THE PROFESSIONAL OF RECORD AND BOHLER HARMLESS FOR AND FROM ALL INJURIES. CLAIMS AND DAMAGES THAT PROFESSIONAL OF RECORD ALL CONTRACTORS MUST CARRY AT LEAST THE MINIMUM AMOUNT OF THE SPECIFIED AND COMMERCIALLY REASONABLE STATUTORY WORKER'S COMPENSATION INSURANCE, EMPLOYER'S LIABILITY INSURANCE AND COMMERCIAL GENERAL LIABILITY INSURANCE (CGL) INCLUDING ALSO ALL OWNERS, OFFICERS, DIRECTORS, PARTNERS, SHAREHOLDERS, MEMBERS, PRINCIPALS, COMMISSIONERS, AGENTS, SERVANTS, EMPLOYEES, AFFILIATES SUBSIDIARIES AND RELATED ENTITIES AND ITS SUBCONTRACTORS AND SUBCONSULTANTS AS ADDITIONAL NAMED INSUREDS AND TO PROVIDE CONTRACTUAL LIABILITY COVERAGE SUFFICIENT TO INSURE (DEFEND. IF APPLICABLE) AND HOLD HARMLESS AND INDEMNITY OBLIGATIONS ASSUMED AND AGREED TO BY THE CONTRACTOR HEREIN. ALL CONTRACTORS MUST FURNISH BOHLER WITH CERTIFICATIONS OF INSURANCE OR CERTIFICATES OF INSURANCE AS EVIDENCE OF THE REQUIRED INSURANCE COVERAGES PRIOR TO COMMENCING ANY WORK AND UPON RENEWAL OF EACH POLICY DURING THE ENTIRE PERIOD OF CONSTRUCTION AND FOR TWO YEARS AFTER THE COMPLETION OF CONSTRUCTION AND AFTER ALL PERMITS ARE ISSUED, WHICHEVER DATE IS LATER. IN ADDITION, ALL CONTRACTORS AGREE THAT THEY WILL, TO THE FULLEST EXTENT PERMITTED LINDER THE LAW INDEMNIEY DEFEND AND HOLD HARMLESS BOHLER AND ITS PAST PRESENT AND FLITLIRE OWNERS DEFICERS DIRECTORS, PARTNERS, SHAREHOLDERS, MEMBERS, PRINCIPALS, COMMISSIONERS, AGENTS, SERVANTS, EMPLOYEES, AFFILIATES, SUBSIDIARIES, AND RELATED ENTITIES AND ITS SUBCONTRACTORS AND SUBCONSULTANTS FROM AND AGAINST ANY DAMAGES INJURIES CLAIMS ACTIONS PENALTIES, EXPENSES, PUNITIVE DAMAGES, TORT DAMAGES, STATUTORY CLAIMS, STATUTORY CAUSES OF ACTION, LOSSES, CAUSES OF ACTION, LIABILITIES OR COSTS, INCLUDING, BUT NOT LIMITED TO, REASONABLE ATTORNEYS' FEES AND DEFENSE COSTS, ARISING OUT OF OR IN ANY WAY CONNECTED WITH OR TO THE PROJECT, INCLUDING ALL CLAIMS BY EMPLOYEES OF THE CONTRACTOR(S), ALL CLAIMS BY THIRD PARTIES AND ALL CLAIMS RELATED TO THE PROJECT. THE CONTRACTOR MUST NOTIFY PROFESSIONAL OF RECORD, IN WRITING, AT LEAST THIRTY (30) DAYS PRIOR TO

SUBSIDIARIES. AND RELATED ENTITIES. AND ITS SUBCONTRACTORS AND SUBCONSULTANTS AT A CONSTRUCTION/PROJECT SITE (HEREIN "BOHLER PARTIES"), RELIEVES OR WILL RELIEVE THE CONTRACTOR OF AND FROM CONSTRUCTION MEANS, METHODS, SEQUENCE, TECHNIQUES OR PROCEDURES NECESSARY FOR PERFORMING, OVERSEEING, SUPERINTENDING AND COORDINATING THE WORK IN ACCORDANCE WITH TH CONTRACT DOCUMENTS AND COMPLIANCE WITH ALL HEALTH AND SAFETY PRECAUTIONS REQUIRED BY ANY REGULATORY AGENCIES WITH JURISDICTION OVER THE PROJECT AND/OR PROPERTY. BOHLER PARTIES HAVE NO AUTHORITY TO EXERCISE ANY CONTROL OVER (OR ANY RESPONSIBILITY FOR) ANY CONSTRUCTION. THE CONTRACTOR OR ITS EMPLOYEES RELATING TO THEIR WORK AND ANY AND ALL HEALTH AND SAFETY PROGRAMS OR PROCEDURES. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR JOB SITE SAFETY. THE CONTRACTOR MUST INDEMNIFY. DEFEND, PROTECT AND HOLD HARMLESS BOHLER PARTIES FOR AND FROM ANY LIABILITY TO BOHLER PARTIES RESULTING FROM THE CONTRACTOR'S WORK, SERVICES AND/OR VIOLATIONS OF THIS NOTE, THESE NOTES OR ANY NOTES IN THE PLAN SET AND, FURTHER, THE

WHEN IT IS CLEARLY AND SPECIFICALLY WITHIN BOHLER'S SCOPE OF SERVICES CONTRACT WITH THE OWNER/DEVELOPER BOHLER WILL REVIEW OR TAKE OTHER APPROPRIATE ACTION ON THE CONTRACTOR SUBMITTALS. SUCH AS SHOP DRAWINGS. PRODUCT DATA. SAMPLES. AND OTHER DATA. WHICH THE CONTRACTOR IS REQUIRED TO SUBMIT, BUT ONLY FOR THE LIMITED PURPOSE OF EVALUATING CONFORMANCE WITH THE DESIGN INTENT AND THE INFORMATION SHOWN IN THE CONSTRUCTION CONTRACT DOCUMENTS. CONSTRUCTION MEANS AND METHODS AND/OR TECHNIQUES OR PROCEDURES, COORDINATION OF THE WORK WITH OTHER TRADES, AND CONSTRUCTION SAFETY PRECAUTIONS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND BOHLER HAS NO RESPONSIBILITY OR LIABILITY FOR SAME, BOHLER WILL PERFORM ITS SHOP DRAWING REVIEW WITH REASONABLE PROMPTNESS AS CONDITIONS PERMIT ANY DOCUMENT DOCUMENTING BOHLER'S REVIEW OF A SPECIFIC ITEM OR LIMITED SCOPE, MUST NOT INDICATE THAT BOHLER HAS REVIEWED THE ENTIRE ASSEMBLY OF WHICH THE ITEM IS A COMPONENT, BOHLER IS NOT

RESPONSIBLE FOR ANY DEVIATIONS FROM THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR MUST, IN WRITING, PROMPTLY AND IMMEDIATELY

BRING ANY DEVIATIONS FROM THE CONSTRUCTION DOCUMENTS TO BOHLER'S ATTENTION. BOHLER IS NOT REQUIRED TO REVIEW PARTIAL SUBMISSIONS OR THOSE FOR WHICH SUBMISSIONS OF CORRELATED ITEMS HAVE NOT BEEN RECEIVED. IF THE CONTRACTOR DEVIATES FROM THESE PLANS AND/OR SPECIFICATIONS, INCLUDING THE NOTES CONTAINED HEREIN, WITHOUT FIRST OBTAINING THE PRIOR WRITTEN AUTHORIZATION OF THE PROFESSIONAL OF RECORD AND BOHLER FOR ALL DEVIATIONS WITHIN PROFESSIONAL OF RECORD'S SCOPE. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE PAYMENT OF ALL COSTS INCURRED IN CORRECTING ANY WORK PERFORMED WHICH DEVIATES FROM THE PLANS, ALL FINES AND/OR PENALTIES ASSESSED WITH RESPECT THERETO AND ALL COMPENSATORY OR PUNITIVE DAMAGES RESULTING THEREFROM AND. FURTHER. MUST DEFEND. INDEMNIFY. PROTECT. AND HOLD HARMLESS THE PROFESSIONAL OF RECORD AND BOHLER PARTIES TO THE FULLEST EXTENT PERMITTED UNDER THE LAW, FOR AND FROM ALL FEES, ATTORNEYS' FEES, DAMAGES, COSTS, JUDGMENTS, CLAIMS, INJURIES, PENALTIES AND THE LIKE RELATED TO SAME.

THE CONTRACTOR IS RESPONSIBLE FOR A MAINTAINING AND PROTECTING THE TRAFFIC CONTROL PLAN AND FLEMENTS IN ACCORDANCE WITH FFDFRAI STATE AND LOCAL REQUIREMENTS. FOR ALL WORK THAT AFFECTS PUBLIC TRAVEL EITHER IN THE RIGHT OF WAY OR ON SITE. THE COST FOR THIS ITEM MUST BE INCLUDED IN THE CONTRACTOR'S PRICE AND IS THE CONTRACTOR'S SOLE RESPONSIBILITY DWNER MUST MAINTAIN AND PRESERVE ALL PHYSICAL SITE FEATURES AND DESIGN FEATURES DEPICTED ON THE PLANS AND RELATED DOCUMENTS N STRICT ACCORDANCE WITH THE APPROVED PLAN(S) AND DESIGN; AND, FURTHER, THE PROFESSIONAL OF RECORD AND BOHLER ARE NOT RESPONSIBLE FOR ANY FAILURE TO SO MAINTAIN OR PRESERVE SITE AND/OR DESIGN FEATURES. IF OWNER FAILS TO MAINTAIN AND/OR PRESERVE ALL PHYSICAL SITE FEATURES AND/OR DESIGN FEATURES DEPICTED ON THE PLANS AND RELATED DOCUMENTS. OWNER AGREES TO INDEMNIEY

AND HOLD THE PROFESSIONAL OF RECORD AND BOHLER PARTIES. HARMLESS FOR ALL INJURIES. DAMAGES AND COSTS THAT PROFESSIONAL OF

RECORD AND BOHLER INCUR AS A RESULT OF SAID FAILURE OR FAILURE TO PRESERVE. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ENSURING THAT ALL CONSTRUCTION ACTIVITIES AND MATERIALS COMPLY WITH AND CONFORM TO APPLICABLE FEDERAL, STATE AND LOCAL RULES AND REGULATIONS, LAWS, ORDINANCES, AND CODES, AND ALL APPLICABLE REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970, (29 U.S.C. 651 ET SEQ.) AS AMENDED, AND ANY MODIFICATIONS, AMENDMENTS OR REVISIONS

SITE LAYOUT NOTES

THE CONTRACTOR MUST STRICTLY COMPLY WITH THE LATEST AND CURRENT OSHA STANDARDS AND REGULATIONS. AND/OR ANY OTHER AGENCY WITH JURISDICTION OVER EXCAVATION AND TRENCHING PROCEDURES. PROFESSIONAL OF RECORD AND BOHLER HAS NO RESPONSIBILITY FOR OR AS RELATED TO EXCAVATION AND TRENCHING PROCEDURES AND WORK. THE CONTRACTOR AND THE OWNER MUST INSTALL ALL ELEMENTS AND COMPONENTS IN STRICT COMPLIANCE WITH AND IN ACCORDANCE WITH

OO SO. THEY AGREE TO JOINTLY, INDEPENDENTLY, SEPARATELY, COLLECTIVELY, AND SEVERALLY INDEMNIFY, DEFEND, PROTECT AND HOLD PROFESSIONAL OF RECORD AND BOHLER PARTIES HARMLESS FOR ALL INJURIES AND DAMAGES THAT PROFESSIONAL OF RECORD SUFFERS AND COSTS THAT PROFESSIONAL OF RECORD INCURS AS A RESULT OF SAID FAILURE. THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN AN ON-SITE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) IN COMPLIANCE WITH THE ENVIRONMENTAL PROTECTION AGENCY (EPA) REQUIREMENTS OR LOCAL GOVERNING AGENCY FOR SITES WHERE ONE (1) ACRE OR MORE IS DISTURBED BY CONSTRUCTION ACTIVITIES (UNLESS THE LOCAL JURISDICTION REQUIRES A DIFFERENT THRESHOLD). THE CONTRACTOR MUST ENSURE THAT ALL ACTIVITIES. INCLUDING THOSE OF ALL SUBCONTRACTORS. ARE IN COMPLIANCE WITH THE SWPPP, INCLUDING BUT NOT LIMITED

TO LOGGING ACTIVITIES (MINIMUM ONCE PER WEEK AND AFTER RAINFALL EVENTS) AND CORRECTIVE MEASURES. AS APPROPRIATE AND FURTHER. THE CONTRACTOR IS SOLELY AND COMPLETELY RESPONSIBLE FOR FAILING TO DO SO. AS CONTAINED IN THESE DRAWINGS AND ASSOCIATED DOCUMENTS PREPARED BY THE PROFESSIONAL OF RECORD AND BOHLER, THE USE OF THE WORDS 'CERTIFY' OR 'CERTIFICATION' CONSTITUTE(S) AN EXPRESSION ONLY OF PROFESSIONAL OPINION REGARDING THE INFORMATION WHICH IS THE SUBJECT OF THE PROFESSIONAL OF RECORD'S AND BOHLER KNOWLEDGE OR BELIEF AND IN ACCORDANCE WITH COMMON AND ACCEPTED PROCEDURE CONSISTENT WITH THE APPLICABLE STANDARDS OF PRACTICE, AND DOES NOT CONSTITUTE A WARRANTY OR GUARANTEE OF ANY NATURE OR TYPE. EITHER EXPRESSED OR IMPLIED. UNDER ANY CIRCUMSTANCES

DEMOLITION NOTES THE GENERAL NOTES MUST BE INCLUDED AS PART OF THIS ENTIRE DOCUMENT PACKAGE AND ARE PART OF THE CONTRACT 1 DOCUMENTS THE GENERAL NOTES ARE REFERENCED HEREIN AND THE CONTRACTOR MUST REFER TO THEM AND FULLY

COMPLY WITH THESE NOTES. IN THEIR ENTIRETY. THE CONTRACTOR MUST BE FAMILIAR WITH AND ACKNOWLEDGE FAMILIARITY WITH ALL OF THE GENERAL NOTES AND ALL OF THE PLANS' SPECIFIC NOTES. THE CONTRACTOR MUST CONDUCT DEMOLITION/REMOVALS ACTIVITIES IN SUCH A MANNER AS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, SIDEWALKS, WALKWAYS, AND ALL OTHER ADJACENT FACILITIES. THE CONTRACTOR MUST OBTAIN ALL APPLICABLE PERMITS FROM THE APPROPRIATE GOVERNMENTAL AUTHORITY(IES) PRIOR TO THE COMMENCEMENT OF ANY ROAD OPENING OR DEMOLITION ACTIVITIES IN OR AD IACENT TO THE RIGHT OF WAY WHEN DEMOLITION-RELATED ACTIVITIES IMPACT ROADWAYS AND/OR ROADWAY RIGHT-OF-WAY. THE CONTRACTOR MUST PROVIDE TRAFFIC CONTROL AND GENERALLY ACCEPTED SAFE PRACTICES IN CONFORMANCE WITH THE CURRENT FEDERAL

THE DEMOLITION (AND/OR REMOVALS) PLAN IS INTENDED TO PROVIDE GENERAL INFORMATION AND TO IDENTIFY ONLY CONDITIONS REGARDING ITEMS TO BE DEMOLISHED. REMOVED, AND/OR TO REMAIN A. THE CONTRACTOR MUST ALSO REVIEW ALL CONSTRUCTION DOCUMENTS AND INCLUDE WITHIN THE DEMOLITION ACTIVITIES ALL INCIDENTAL WORK NECESSARY FOR THE CONSTRUCTION OF THE NEW SITE IMPROVEMENTS. THIS PLAN IS NOT INTENDED TO AND DOES NOT PROVIDE DIRECTION REGARDING THE MEANS METHODS. SEQUENCING TECHNIQUES AND PROCEDURES TO BE EMPLOYED TO ACCOMPLISH THE WORK. ALL MEANS, METHODS, SEQUENCING FECHNIQUES AND PROCEDURES TO BE USED MUST BE IN STRICT ACCORDANCE AND CONFORMANCE WITH ALL STATE

FEDERAL, LOCAL, AND JURISDICTIONAL REQUIREMENTS, THE CONTRACTOR MUST COMPLY WITH ALL OSHA AND OTHER SAFETY PRECAUTIONS NECESSARY TO PROVIDE A SAFE WORK SITE FOR THE CONTRACTOR AND THE PUBLIC. THE CONTRACTOR MUST PROVIDE ALL "METHODS AND MEANS" NECESSARY TO PREVENT MOVEMENT. SETTLEMENT. OF COLLAPSE OF EXISTING STRUCTURES, AND ANY OTHER IMPROVEMENTS THAT ARE REMAINING ON OR OFF SITE. THE CONTRACTOR, AT THE CONTRACTOR'S SOLE COST, MUST REPAIR ALL DAMAGE TO ALL ITEMS AND FEATURES THAT ARE TO REMAIN. CONTRACTOR MUST USE NEW MATERIAL FOR ALL REPAIRS. CONTRACTOR'S REPAIRS MUST INCLUDE THE RESTORATION OF ALL ITEMS AND FEATURES REPAIRED TO THEIR PRE-DEMOLITION CONDITION. OR BETTER, CONTRACTOR MUST

PERFORM ALL REPAIRS AT THE CONTRACTOR'S SOLE EXPENSE.

ALL UNAUTHORIZED PERSONS AT ANY TIME, TO OR NEAR THE DEMOLITION AREA.

NOTIFICATION SYSTEM TO LOCATE ALL UNDERGROUND UTILITIES

"PRE-DEMOLITION" CONDITION AT CONTRACTOR'S SOLE COST

WORK, ALL OF WHICH IS AT THE CONTRACTOR'S SOLE COST.

INDICATED IN THE EROSION CONTROL CONSTRUCTION NOTES

ESPONSIBLE FOR ALL SUCH COSTS.

THE PROFESSIONAL OF RECORD AND BOHLER ARE NOT RESPONSIBLE FOR JOB SITE SAFETY OR SUPERVISION. THE CONTRACTOR MUST PROCEED WITH THE DEMOLITION IN A SYSTEMATIC AND SAFE MANNER, COMPLYING WITH ALL OSHA REQUIREMENTS, TO ENSURE PUBLIC AND CONTRACTOR SAFETY AND SAFETY TO ALL PROPERTY ON THE SITE OR ADJACENT OF THE CONTRACTOR IS RESPONSIBLE FOR JOB SITE SAFETY WHICH MUST INCLUDE BUT IS NOT LIMITED TO THE INSTALLATION AND MAINTENANCE OF BARRIERS, FENCING, OTHER APPROPRIATE AND/OR NECESSARY SAFETY FEATURES AND ITEMS NECESSARY TO PROTECT THE PUBLIC FROM AREAS OF CONSTRUCTION AND CONSTRUCTION ACTIVITIES. THE CONTRACTOR

PRIOR TO THE COMMENCEMENT OF ANY SITE ACTIVITY AND ANY DEMOLITION ACTIVITY. THE CONTRACTOR MUST, IN WRITING RAISE ANY QUESTIONS CONCERNING THE ACCURACY OR INTENT OF THESE PLANS AND/OR SPECIFICATIONS, ALL CONCERNS OR QUESTIONS REGARDING THE APPLICABLE SAFETY STANDARDS, AND/OR THE SAFETY OF THE CONTRACTOR AND/OR THIRD PARTIES IN PERFORMING THE WORK ON THIS PROJECT. ANY SUCH CONCERNS MUST BE CONVEYED TO THE PROFESSIONAL OF RECORD AND BOHLER, IN WRITING AND MUST ADDRESS ALL ISSUES AND ITEMS RESPONDED TO, BY THE PROFESSIONAL OF ECORD AND BY BOHLER, IN WRITING. ALL DEMOLITION ACTIVITIES MUST BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THESE PLANS AND SPECIFICATIONS AND ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS, RULES REQUIREMENTS STATUTES ORDINANCES AND CODES

THE CONTRACTOR MUST RECOME FAMILIAR WITH THE APPLICABLE LITHLITY SERVICE PROVIDER REQUIREMENTS AND IS RESPONSIBLE FOR ALL COORDINATION REGARDING LITH ITY DEMOLITION AND/OR DISCONNECTION AS IDENTIFIED OR REQUIRED. FOR THE PROJECT. THE CONTRACTOR MUST PROVIDE THE OWNER WITH WRITTEN NOTIFICATION THAT THE EXISTING UTILITIES AND SERVICES HAVE BEEN TERMINATED. REMOVED AND/OR ABANDONED IN ACCORDANCE WITH THE JURISDICTION AND UTILITY COMPANY REQUIREMENTS AND ALL OTHER APPLICABLE REQUIREMENTS, RULES, STATUTES, LAWS, ORDINANCES AND CODES. PRIOR TO COMMENCING ANY DEMOLITION. THE CONTRACTOR MUST:

A OBTAIN ALL REQUIRED PERMITS AND MAINTAIN THE SAME ON SITE FOR REVIEW BY THE PROFESSIONAL OF RECORD AND ALL PUBLIC AGENCIES WITH JURISDICTION THROUGHOUT THE DURATION OF THE PROJECT, SITE WORK, AND DEMOLITION B. NOTIFY, AT A MINIMUM, THE MUNICIPAL ENGINEER, DESIGN ENGINEER, AND LOCAL SOIL CONSERVATION JURISDICTION, AT

LEAST 72 BUSINESS HOURS PRIOR TO THE COMMENCEMENT OF WORK. INSTALL THE REQUIRED SOIL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO SITE DISTURBANCE, AND MAINTAIN SAID CONTROLS UNTIL SITE IS STABILIZED IN ACCORDANCE WITH STATE LAW, THE CONTRACTOR MUST CALL THE STATE ONE-CALL DAMAGE PROTECTION SYSTEM FOR UTILITY MARK OUT, IN ADVANCE OF ANY EXCAVATION. LOCATE AND PROTECT ALL UTILITIES AND SERVICES, INCLUDING BUT NOT LIMITED TO GAS, WATER, ELECTRIC. SANITARY AND STORM SEWER, TELEPHONE, CABLE, FIBER OPTIC CABLE, ETC. WITHIN AND ADJACENT TO THE LIMITS OF PROJECT

PROTECT AND MAINTAIN IN OPERATION, ALL ACTIVE UTILITIES AND SYSTEMS THAT ARE NOT BEING REMOVED DURING ANY DEMOLITION ACTIVITIES ARRANGE FOR AND COORDINATE WITH THE APPLICABLE UTILITY SERVICE PROVIDER(S) FOR THE TEMPORARY OR PERMANENT TERMINATION OF SERVICE REQUIRED BY THE PROJECT PLANS AND SPECIFICATIONS REGARDING THE METHODS AND MEANS TO CONSTRUCT SAME. THESE ARE NOT THE PROFESSIONAL OF RECORD'S OR BOHLER RESPONSIBILITY. IN THE EVENT OF ABANDONMENT, THE CONTRACTOR MUST PROVIDE THE UTILITY ENGINEER AND OWNER WITH IMMEDIATE WRITTEN NOTIFICATION THAT THE EXISTING UTILITIES AND SERVICES HAVE BEEN TERMINATED AND

ABANDONED IN ACCORDANCE WITH JURISDICTIONAL AND UTILITY COMPANY REQUIREMENTS.

ARRANGE FOR AND COORDINATE WITH THE APPLICABLE UTILITY SERVICE PROVIDER(S) REGARDING WORKING "OFF-PEAK HOURS OR ON WEEKENDS AS NECESSARY OR AS REQUIRED TO MINIMIZE THE IMPACT ON, OF, AND TO THE AFFECTED PARTIES. WORK REQUIRED TO BE PERFORMED "OFF-PEAK" IS TO BE PERFORMED AT NO ADDITIONAL COST TO THE OWNER. IN THE EVENT THE CONTRACTOR DISCOVERS ANY HAZARDOUS MATERIAL. THE REMOVAL OF WHICH IS NOT ADDRESSED IN THE PROJECT PLANS AND SPECIFICATIONS OR THE CONTRACT WITH THE OWNER/DEVELOPER. THE CONTRACTOR MUST IMMEDIATELY CEASE ALL WORK IN THE AREA OF DISCOVERY, AND IMMEDIATELY NOTIFY, IN WRITING AND VERBALLY, THE

THE CONTRACTOR MUST NOT PERFORM ANY FARTH MOVEMENT ACTIVITIES. DEMOLITION OR REMOVAL OF FOUNDATION WALLS FOOTINGS, OR OTHER MATERIALS WITHIN THE LIMITS OF DISTURBANCE, UNLESS SAME IS IN STRICT ACCORDANCE AND CONFORMANCE WITH THE PROJECT PLANS AND SPECIFICATIONS. OR PURSUANT TO THE WRITTEN DIRECTION OF THE OWNER'S STRUCTURAL OR GEOTECHNICAL ENGINEER DEMOLITION ACTIVITIES AND EQUIPMENT MUST NOT USE OR INCLUDE AREAS OUTSIDE THE DEFINED PROJECT LIMIT LINE.

WITH JURISDICTION. THE CONTRACTOR MUST BACKFILL ALL EXCAVATION RESULTING FROM, OR INCIDENTAL TO, DEMOLITION ACTIVITIES, BACKFILL MUST BE ACCOMPLISHED WITH APPROVED BACKELL MATERIALS AND MUST BE SUFFICIENTLY COMPACTED TO SUPPORT ALL NEW IMPROVEMENTS AND MUST BE PERFORMED IN COMPLIANCE WITH THE RECOMMENDATIONS AND GUIDANCE ARTICULATED IN THE GEOTECHNICAL REPORT. BACKFILLING MUST OCCUR IMMEDIATELY AFTER DEMOLITION ACTIVITIES AND MUST BE PERFORMED SO AS TO PREVENT WATER ENTERING THE EXCAVATION. FINISHED SURFACES MUST BE GRADED TO PROMOTE POSITIVE DRAINAGE. THE CONTRACTOR IS RESPONSIBLE FOR COMPACTION TESTING AND MUST SUBMIT SUCH REPORTS AND RESULTS TO THE PROFESSIONAL OF RECORD AND THE OWNER.

EXPLOSIVES MUST NOT BE USED WITHOUT PRIOR WRITTEN CONSENT FROM BOTH THE OWNER AND ALL APPLICABLE NECESSARY AND REQUIRED GOVERNMENTAL AUTHORITIES, PRIOR TO COMMENCING ANY EXPLOSIVE PROGRAM AND/OR ANY DEMOLITION ACTIVITIES, THE CONTRACTOR MUST ENSURE AND OVERSEE THE INSTALLATION OF ALL OF THE REQUIRED PERMIT 2. AND EXPLOSIVE CONTROL MEASURES THAT THE FEDERAL, STATE, AND LOCAL GOVERNMENTS REQUIRE. THE CONTRACTOR IS MONITOR THE EFFECTS ON ALL LOCAL STRUCTURES AND THE LIKE. 5. IN ACCORDANCE WITH FEDERAL STATE AND/OR LOCAL STANDARDS, THE CONTRACTOR MUST USE DUST CONTROL MEASURES. TO LIMIT AIRBORNE DUST AND DIRT RISING AND SCATTERING IN THE AIR. AFTER THE DEMOLITION IS COMPLETE. THE CONTRACTOR MUST CLEAN ALL ADJACENT STRUCTURES AND IMPROVEMENTS TO REMOVE ALL DUST AND DEBRIS WHICH THE DEMOLITION OPERATIONS CAUSE. THE CONTRACTOR IS RESPONSIBLE FOR RETURNING ALL ADJACENT AREAS TO THEIR

PAVEMENT MUST BE SAW CUT IN STRAIGHT LINES. ALL DEBRIS FROM REMOVAL OPERATIONS MUST BE REMOVED FROM THE SITE AT THE TIME OF EXCAVATION STOCKPILING OF DEBRIS OUTSIDE OF APPROVED AREAS WILL NOT BE PERMITTED. INCLUDING BUT NOT LIMITED TO. THE PUBLIC RIGHT-OF-WAY. THE CONTRACTOR MUST MAINTAIN A RECORD SET OF PLANS WHICH INDICATES THE LOCATION OF EXISTING UTILITIES THAT ARE CAPPED, ABANDONED IN PLACE, OR RELOCATED DUE TO DEMOLITION ACTIVITIES, THIS RECORD DOCUMENT MUST BE PREPARED IN A NEAT AND WORKMAN-LIKE MANNER AND TURNED OVER TO THE OWNER/DEVELOPER UPON COMPLETION OF THE

IN ACCORDANCE WITH FEDERAL. STATE, COUNTY AND LOCAL REQUIREMENTS, PRIOR TO CONTINUING CONSTRUCTION IN THE AREA AROUND THE TANK WHICH EMPTYING. CLEANING AND REMOVAL ARE AT THE CONTRACTOR'S SOLE COST.

THE GENERAL NOTES MUST BE INCLUDED AS PART OF THIS ENTIRE DOCUMENT PACKAGE AND ARE PART OF THE CONTRACT DOCUMENTS. THE GENERAL NOTES ARE REFERENCED HEREIN. AND THE CONTRACTOR MUST REFER TO THEM AND FULLY COMPLY WITH THESE NOTES. IN THEIR ENTIRETY. THE CONTRACTOR MUST BE FAMILIAR WITH AND ACKNOWLEDGE FAMILIARITY WITH ALL OF THE GENERAL NOTES AND ALL OF THE PLANS' SPECIFIC NOTES. EROSION CONTROL MEASURES MUST CONFORM TO THE NORTH CAROLINA $\,\,$ GUIDELINES FOR URBAN EROSION AND SEDIMENT ONTROL UNLESS OTHERWISE NOTED, OR UNLESS THE PROFESSIONAL OF RECORD CLEARLY AND SPECIFICALLY, IN WRITING, IRECTS OTHERWISE, INSTALLATION OF EROSION CONTROL, CLEARING, AND SITE WORK MUST BE PERFORMED EXACTLY AS

THE DISTURBED LAND AREA OF THIS SITE IS APPROXIMATELY 1.47 ACRES. INSTALLATION OF EROSION CONTROL DEVICES MUST BE IN ACCORDANCE WITH ALL OF THE MANUFACTURER'S THE CONTRACTOR MUST INSPECT EROSION CONTROL MEASURES WEEKLY. THE CONTRACTOR MUST REMOVE ANY SILT DEPOSITS GREATER THAN 6" COLLECTED ON THE FILTER FABRIC AND/OR SILT SOCK BARRIERS AND EXCAVATE AND REMOVE

ANY SILT FROM DROP INLET PROTECTION THE CONTRACTOR MUST APPLY TEMPORARY SEED AND MULCH TO ALL DISTURBED AREAS THAT WILL NOT BE BROUGHT TO FINISHED GRADE AND VEGETATED WITHIN 7 DAYS. WHEN AREAS ARE DISTURBED AFTER THE GROWING SEASON, THE

THE CONTRACTOR MUST INSTALL ADDITIONAL EROSION CONTROL MEASURES IF THE PROFESSIONAL OF RECORD SO REQUIRES, TO PREVENT ANY. INCLUDING THE INCIDENTAL. DISCHARGE OF SILT-LADEN RUNOFF FROM EXITING THE SITE. THE CONTRACTOR MUST BE RESPONSIBLE FOR INSPECTING AND MAINTAINING ALL EROSION CONTROL MEASURES ON THE SITE UNTIL PERMANENT PAVING AND TURF/LANDSCAPING IS ESTABLISHED. THE COSTS OF INSTALLING AND MAINTAINING THE ROSION CONTROL MEASURES MUST BE INCLUDED IN THE BID PRICE FOR THE SITE WORK AND THE CONTRACTOR IS

THE CONTRACTOR MUST CONTINUE TO MAINTAIN ALL EROSION CONTROL MEASURES UNTIL THE COMPLETION OF CONSTRUCTION AND THE ESTABLISHMENT OF VEGETATION THE CONTRACTOR MUST REMOVE EROSION CONTROL MEASURES. SILT AND DEBRIS AFTER ESTABLISHING PERMANENT VEGETATION COVER OR OTHER INSTALLING A DIFFERENT. SPECIFIED METHOD OF STABILIZATION. THIS PLAN REPRESENTS THE MINIMUM LEVEL OF IMPLEMENTATION OF TEMPORARY EROSION AND SEDIMENTATION CONTROL FACILITIES, MEASURES AND STRUCTURES. ADDITIONAL FACILITIES, MEASURES AND STRUCTURES MUST BE INSTALLED WHERE NECESSARY TO COMPLY WITH ALL APPLICABLE CODES AND STANDARDS AND/OR TO PREVENT ANY, INCLUDING THE INCIDENTAL DISCHARGE OF SILT-LADEN RUNOFF FROM EXITING THE SITE. THE CONTRACTOR MUST PROTECT ALL EXISTING TREES AND SHRUBS. THE CONTRACTOR MUST REFER TO THE LANDSCAPE

AND/OR DEMOLITION PLAN(S) FOR TREE PROTECTION. FENCE LOCATIONS AND DETAILS. THE CONTRACTOR MUST REFER TO GRADING PLANS FOR ADDITIONAL INFORMATION. THE CONTRACTOR MUST CLEAN EXISTING AND PROPOSED DRAINAGE STRUCTURES AND INTERCONNECTING PIPES ON OR OFF-SITE AS THE JURISDICTIONAL AGENCY REQUIRES, BOTH AT THE TIME OF SITE STABILIZATION AND AT END OF PROJECT. SOIL EROSION CONTROL MEASURES MUST BE ADJUSTED OR RELOCATED BY THE CONTRACTOR AS IDENTIFIED DURING SITE OBSERVATION IN ORDER TO MAINTAIN THE COMPLETE EFFECTIVENESS OF ALL CONTROL MEASURES.

(Rev. 1/2020)

GUIDELINES, RULES, REGULATIONS, STANDARDS AND THE LIKE.

WASHOUT AREAS AND ANY OTHER LOCATIONS WHERE HAZARDOUS MATERIALS ARE STORED.

THE GENERAL NOTES MUST BE INCLUDED AS PART OF THIS ENTIRE DOCUMENT PACKAGE AND ARE PART OF THE CONTRACT

COMPLY WITH THESE NOTES, IN THEIR ENTIRETY. THE CONTRACTOR MUST BE FAMILIAR WITH AND ACKNOWLEDGE FAMILIARITY WITH ALL OF THE GENERAL NOTES AND ALL OF THE PLANS' SPECIFIC NOTES. MANUFACTURER'S STANDARDS AND RECOMMENDED INSTALLATION CRITERIA AND SPECIFICATIONS. IF THE CONTRACTOR AND/OR OWNER FAIL TO PRIOR TO THE COMMENCEMENT OF GENERAL CONSTRUCTION, THE CONTRACTOR MUST INSTALL SOIL EROSION CONTROL AND ANY STORMWATER POLLUTION PREVENTION PLAN (SWPPP) MEASURES NECESSARY, AS INDICATED ON THE APPROVED SOIL EROSION AND SEDIMENT CONTROL PLAN AND IN ACCORDANCE WITH APPLICABLE AND/OR APPROPRIATE AGENCIES' GUIDELINES TO PREVENT SEDIMENT AND/OR LOOSE DEBRIS FROM WASHING ONTO ADJACENT PROPERTIES OR THE RIGHT OF WAY. ALL DIRECTIONAL/TRAFFIC SIGNING AND PAVEMENT STRIPING MUST CONFORM TO THE LATEST STANDARDS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND ANY APPLICABLE STATE OR LOCALLY APPROVED SUPPLEMENTS,

> THE LOCATIONS OF PROPOSED UTILITY POLES AND TRAFFIC SIGNS SHOWN ON THE PLANS ARE SCHEMATIC AND PRELIMINARY. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR FIELD-VERIFYING THEIR LOCATION. THE CONTRACTOR MUST COORDINATE THE RELOCATION OF TRAFFIC SIGNS WITH THE ENTITY WITH JURISDICTION OVER THE PROJECT ALL DIMENSIONS SHOWN ARE TO BOTTOM FACE OF CURB, EDGE OF PAVEMENT, OR EDGE OF BUILDING, EXCEPT WHEN

> DIMENSION IS TO A PROPERTY LINE, STAKE OUT OF LOCATIONS OF INLETS, LIGHT POLES, ETC. MUST BE PERFORMED IN STRICT ACCORDANCE WITH THE DETAILS, UNLESS NOTED CLEARLY OTHERWISE

GRADING NOTES (Rev. 1/2023) THE GENERAL NOTES MUST BE INCLUDED AS PART OF THIS ENTIRE DOCUMENT PACKAGE AND ARE PART OF THE CONTRACT DOCUMENTS THE GENERAL NOTES ARE REFERENCED HEREIN AND THE CONTRACTOR MUST REFER TO THEM AND FULLY COMPLY WITH THESE NOTES. IN THEIR ENTIRETY. THE CONTRACTOR MUST BE FAMILIAR WITH AND ACKNOWLEDGE FAMILIARITY WITH ALL OF THE GENERAL NOTES AND ALL OF THE PLANS' SPECIFIC NOTES. SITE GRADING MUST BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL REPORT AS REFERENCED IN THIS PLAN SET. IF NO GEOTECHNICAL REPORT HAS BEEN REFERENCED. THE CONTRACTOR MUST HAVE A GEOTECHNICAL ENGINEER PROVIDE WRITTEN SPECIFICATIONS AND RECOMMENDATIONS PRIOR TO THE CONTRACTOR COMMENCING THE GRADING WORK. THE CONTRACTOR MUST FOLLOW THE REQUIREMENTS OF ALL MUNICIPAL COUNTY STATE AND FEDERAL LAWS WHICH HAVE JURISDICTION OVER THIS PROJECT THE CONTRACTOR IS REQUIRED TO SECURE ALL NECESSARY AND/OR REQUIRED PERMITS AND APPROVALS FOR ALL OFF-SITE MATERIAL SOURCES AND DISPOSAL FACILITIES. THE CONTRACTOR MUST SUPPLY A COPY OF APPROVALS TO THE HIGHWAY ADMINISTRATION "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), AND THE FEDERAL, STATE, AND LOCAL PROFESSIONAL OF RECORD, BOHLER AND THE OWNER PRIOR TO THE CONTRACTOR COMMENCING ANY WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR VERIFYING EXISTING TOPOGRAPHIC INFORMATION AND UTILITY INVERT ELEVATIONS PRIOR TO COMMENCING ANY CONSTRUCTION. SHOULD DISCREPANCIES BETWEEN THE PLANS AND INFORMATION OBTAINED THROUGH FIELD VERIFICATIONS BE IDENTIFIED OR EXIST. THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE PROFESSIONAL OF RECORD AND BOHLER IN WRITING THE CONTRACTOR IS RESPONSIBLE FOR REMOVING AND REPLACING ALL UNSUITABLE MATERIALS WITH SUITABLE MATERIALS AS SPECIFIED IN THE GEOTECHNICAL REPORT. THE CONTRACTOR MUST COMPACT ALL EXCAVATED OR FILLED AREAS IN STRICT ACCORDANCE WITH THE GEOTECHNICAL REPORT'S GUIDANCE MOISTURE CONTENT AT TIME OF PLACEMENT MUST BE SUBMITTED IN A COMPACTION REPORT PREPARED BY A QUALIFIED GEOTECHNICAL ENGINEER. REGISTERED WITH THE STATE WHERE THE WORK IS PERFORMED. THIS REPORT MUST VERIFY THAT ALL FILLED AREAS AND SUBGRADE AREAS WITHIN THE BUILDING PAD AREA AND AREAS TO BE PAVED HAVE BEEN COMPACTED IN ACCORDANCE WITH THESE PLANS. SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL REPORT AND ALL APPLICABLE REQUIREMENTS, RULES, MATERIAL FOR SIDEWALKS CURB OR ASPHALT MUST BE FREE OF ORGANICS AND OTHER UNSUITABLE MATERIALS SHOULD SUBBASE BE DEEMED LINSUITABLE BY OWNER/DEVELOPER OR OWNER/DEVELOPER'S REPRESENTATIVE SUBBASE MUST BE REMOVED AND FILLED WITH APPROVED FILL MATERIAL. COMPACTED AS THE GEOTECHNICAL REPORT DIRECTS. EARTHWORK ACTIVITIES INCLUDING, BUT NOT LIMITED TO, EXCAVATION, BACKFILL, AND COMPACTING MUST COMPLY WITH THE RECOMMENDATIONS IN THE GEOTECHNICAL REPORT AND ALL APPLICABLE REQUIREMENTS, RULES, STATUTES, LAWS, ORDINANCES AND CODES. EARTHWORK ACTIVITIES MUST COMPLY WITH THE STANDARD STATE DOT SPECIFICATIONS FOR ROADWAY CONSTRUCTION (LATEST EDITION) AND ANY AMENDMENTS OR REVISIONS THERETO IN THE EVENT OF A DISCREPANCY(IES) AND/OR A CONFLICT(S) BETWEEN PLANS, OR RELATIVE TO OTHER PLANS, THE GRADING PLAN TAKES PRECEDENCE AND CONTROLS. THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE PROFESSIONAL OF RECORD AND BOHLER, IN WRITING, OF ANY DISCREPANCY(IES) AND/OR CONFLICT(S). THE CONTRACTOR IS RESPONSIBLE TO IMPORT FILL OR EXPORT EXCESS MATERIAL AS NECESSARY TO CONFORM TO THE MUST SAFEGUARD THE SITE AS NECESSARY TO PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE ENTRY OF PROPOSED GRADING, AND TO BACKFILL EXCAVATIONS FOR THE INSTALLATION OF UNDERGROUND IMPROVEMENTS. ACCESSIBILITY DESIGN GUIDELINES (Rev. 1/2023) ALL ACCESSIBLE (A.K.A. ADA) COMPONENTS AND ACCESSIBLE ROUTES MUST BE CONSTRUCTED TO MEET, AT A MINIMUM, THE MORE STRINGENT OF: (A) THE REQUIREMENTS OF THE "AMERICANS WITH DISABILITIES ACT" (ADA) CODE (42 U.S.C. § 12101 ET SEQ. AND 42 U.S.C. § 4151 ET SEQ.); AND (B) ANY APPLICABLE LOCAL AND STATE GUIDELINES, AND ANY AND ALL AMENDMENTS TO BOTH, WHICH ARE IN EFFECT WHEN THESE PLANS WERE COMPLETED. THE CONTRACTOR MUST REVIEW ALL DOCUMENTS REFERENCED IN THESE NOTES FOR ACCURACY COMPLIANCE AND CONSISTENCY WITH INDUSTRY GUIDELINES. THE CONTRACTOR MUST EXERCISE APPROPRIATE CARE AND PRECISION IN CONSTRUCTION OF ACCESSIBLE (ADA) COMPONENTS AND ACCESSIBLE ROUTES FOR THE SITE. FINISHED SURFACES ALONG THE ACCESSIBLE ROUTE OF TRAVEL FROM PARKING SPACES, PUBLIC TRANSPORTATION, PEDESTRIAN ACCESS, AND INTER-BUILDING ACCESS, TO POINTS OF ACCESSIBLE BUILDING ENTRANCE/EXIT, MUST COMPLY WITH THE ACCESSIBLE GUIDELINES AND REQUIREMENTS WHICH INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING: ACCESSIBLE PARKING SPACES AND ACCESS AISLES SLOPES MUST NOT EXCEED 1:50 (2.0%) IN ANY DIRECTION. PATH OF TRAVEL ALONG ACCESSIBLE ROUTE MUST PROVIDE A 36-INCHES MINIMUM WIDTH (48-INCHES PREFERRED). OR AS SPECIFIED BY THE GOVERNING AGENCY. UNOBSTRUCTED WIDTH OF TRAVEL (CAR OVERHANGS AND/OR HANDRAILS) MUST NOT REDUCE THIS MINIMUM WIDTH. THE SLOPE MUST NOT EXCEED 1:20 (5.0%) IN THE DIRECTION OF TRAVEL AND MUST NOT EXCEED 1:50 (2.0%) IN CROSS SLOPE. WHERE ACCESSIBLE PATH OF TRAVEL IS GREATER THAN 1:20 (5.0%). AN ACCESSIBLE RAMP MUST BE PROVIDED. ALONG THE ACCESSIBLE PATH OF TRAVEL OPENINGS MUST NOT EXCEED 1/2-INCH IN WIDTH VERTICAL CHANGES OF UP TO 1/2-INCH ARE PERMITTED ONLY IF THEY INCLUDES A 1/4-INCH BEVEL AT A SLOPE NOT STEEPER THAN 1:2. NO VERTICAL CHANGES OVER 1/4-INCH ARE PERMITTED. ACCESSIBLE RAMPS MUST NOT EXCEED A SLOPE OF 1:12 (8.3%) AND A RISE OF 30-INCHES. LEVEL LANDINGS MUST BE PROVIDED AT EACH END OF ACCESSIBLE RAMPS. LANDING MUST PROVIDE POSITIVE DRAINAGE AWAY FROM STRUCTURES, AND MUST NOT EXCEED 1:50 (2.0%) SLOPE IN ANY DIRECTION. RAMPS THAT CHANGE DIRECTION BETWEEN RUNS AT ACTIVITIES. THE CONTRACTOR MUST USE AND COMPLY WITH THE REQUIREMENTS OF THE APPLICABLE UTILITY LANDINGS MUST HAVE A CLEAR LANDING OF A MINIMUM OF 60-INCHES BY 60-INCHES. HAND RAILS ON BOTH SIDES OF THE RAMP MUST BE PROVIDED ON AN ACCESSIBLE RAMP WITH A RISE GREATER THAN 6-INCHES ACCESSIBLE CURB RAMPS MUST NOT EXCEED A SLOPE OF 1:12 (8.3%). WHERE FLARED SIDES ARE PROVIDED. THEY MUST NOT EXCEED 1:10 (10%) SLOPE. LEVEL LANDING MUST BE PROVIDED AT RAMPS TOP AT A MINIMUM OF 36-INCHES LONG (48-INCHES PREFERRED). IN ALTERATIONS, WHEN THERE IS NO LANDING AT THE TOP, FLARE SIDES SLOPES MUST NOT EXCEED A SLOPE OF 1:12 (8.3%). DOORWAY LANDINGS AREAS MUST BE PROVIDED ON THE EXTERIOR SIDE OF ANY DOOR LEADING TO AN ACCESSIBLE PATH F TRAVEL. THIS LANDING MUST BE SLOPED AWAY FROM THE DOOR NO MORE THAN 1:50 (2:0%) FOR POSITIVE DRAINAGE. THIS LANDING AREA MUST BE NO FEWER THAN 60-INCHES (5 FEET) LONG, EXCEPT WHERE OTHERWISE CLEARLY PERMITTED BY ACCESSIBLE STANDARDS FOR ALTERNATIVE DOORWAY OPENING CONDITIONS. (SEE ICC/ANSI A117.1-2009 AND OTHER WHEN THE PROPOSED CONSTRUCTION INVOLVES RECONSTRUCTION, MODIFICATION, REVISION OR EXTENSION OF OR TO ACCESSIBLE COMPONENTS FROM EXISTING DOORWAYS OR SURFACES, THE CONTRACTOR MUST VERIFY ALL EXISTING FLEVATIONS SHOWN ON THE PLAN NOTE THAT TABLE 405.2 OF THE DEPARTMENT OF JUSTICE'S ADA STANDARDS FOR ACCESSIBLE DESIGN ALLOWS FOR STEEPER RAMP SLOPES. IN RARE CIRCUMSTANCES. THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE PROFESSIONAL OF RECORD AND BOHLER, IN WRITING, OF ANY DISCREPANCIES AND/OR FIELD OWNER, PROFESSIONAL OF RECORD AND BOHLER, THE DISCOVERY OF SUCH MATERIALS TO PURSUE PROPER AND CONDITIONS THAT DIFFER IN ANY WAY OR IN ANY RESPECT FROM WHAT IS SHOWN ON THE PLANS BEFORE COMMENCING ANY WORK. CONSTRUCTED IMPROVEMENTS MUST FALL WITHIN THE MAXIMUM AND MINIMUM LIMITATIONS IMPOSED BY THE BARRIER FREE REGULATIONS AND THE ACCESSIBLE GUIDELINES. THE CONTRACTOR MUST VERIEY ALL OF THE SLOPES OF THE CONTRACTOR'S FORMS PRIOR TO POURING CONCRETE IF ANY NON-CONFORMANCE EXISTS OR IS OBSERVED OR DISCOVERED. THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE PROFESSIONAL OF RECORD AND BOHLER, IN WRITING, PRIOR TO POURING CONCRETE. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL COSTS TO REMOVE, REPAIR AND/OR REPLACE NON-CONFORMING CONCRETE AND/OR PAVEMENT WITHOUT SPECIFIC WRITTEN PERMISSION AND AUTHORITY OF AND FROM THE OWNER AND ALL GOVERNMENTAL AGENCIES IT IS STRONGLY RECOMMENDED THAT THE CONTRACTOR REVIEW THE INTENDED CONSTRUCTION TO ENSURE SAME IS CONSISTENT WITH THE LOCAL BUILDING CODE PRIOR TO COMMENCING CONSTRUCTION. DRAINAGE AND UTILITY NOTES (Rev. 3/2023) THE GENERAL NOTES MUST BE INCLUDED AS PART OF THIS ENTIRE DOCUMENT PACKAGE AND ARE PART OF THE CONTRACT DOCUMENTS. THE GENERAL NOTES ARE REFERENCED HEREIN, AND THE CONTRACTOR MUST REFER TO THEM AND FULLY COMPLY WITH THESE NOTES, IN THEIR ENTIRETY. THE CONTRACTOR MUST BE FAMILIAR WITH AND ACKNOWLEDGE FAMILIARITY WITH ALL OF THE GENERAL NOTES AND ALL OF THE PLANS' SPECIFIC NOTES. LOCATIONS OF ALL EXISTING AND PROPOSED SERVICES ARE APPROXIMATE, AND THE CONTRACTOR MUST INDEPENDENTLY VERIFY AND CONFIRM THOSE LOCATIONS AND SERVICES WITH LOCAL UTILITY COMPANIES PRIOR TO COMMENCING ANY CONSTRUCTION OR EXCAVATION, THE CONTRACTOR MUST INDEPENDENTLY VERIEY AND CONFIRM ALL SA POINTS AND ALL OTHER UTILITY SERVICE CONNECTION POINTS IN THE FIELD. PRIOR TO COMMENCING ANY CONSTRUCTION. THE CONTRACTOR MUST REPORT ALL DISCREPANCIES, ERRORS AND OMISSIONS IN WRITING, TO THE PROFESSIONAL OF RECORD THE CONTRACTOR MUST VERTICALLY AND HORIZONTALLY LOCATE ALL UTILITIES AND SERVICES INCLUDING, BUT NOT LIMITED TO, GAS, WATER, ELECTRIC, SANITARY AND STORM, TELEPHONE, CABLE, FIBER OPTIC CABLE, ETC. WITHIN THE LIMITS OF DISTURBANCE OR WORK SPACE, WHICHEVER IS GREATER, THE CONTRACTOR MUST USE, REFER TO, AND COMPLY WITH THE REQUIREMENTS OF THE APPLICABLE UTILITY NOTIFICATION SYSTEM TO LOCATE ALL OF THE UNDERGROUND UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL DAMAGE TO ANY EXISTING UTILITIES WHICH OCCUR DURING ONSTRUCTION, AT NO COST TO THE OWNER AND AT CONTRACTOR'S SOLE COST AND EXPENSE. THE CONTRACTOR MUST BEAR ALL COSTS ASSOCIATED WITH DAMAGE TO ANY EXISTING UTILITIES WHICH OCCURS DURING CONSTRUCTION. THE CONTRACTOR MUST FIELD VERIFY THE PROPOSED INTERFACE POINTS (CROSSINGS) WITH EXISTING UNDERGROUND UTILITIES BY USING A TEST PIT TO CONFIRM EXACT DEPTH, PRIOR TO COMMENCEMENT OF CONSTRUCTION. STORMWATER ROOF DRAIN LOCATIONS ARE BASED ON ARCHITECTURAL PLANS. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING LOCATIONS. SIZE, AND MATERIAL OF SAME BASED UPON FINAL ARCHITECTURAL PLANS. THE CONTRACTOR MUST EMPTY. CLEAN AND REMOVE FROM THE SITE ALL UNDERGROUND STORAGE TANKS. IF ENCOUNTERED. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING SITE PLAN DOCUMENTS AND ARCHITECTURAL PLANS FOR EXACT BUILDING UTILITY CONNECTION LOCATIONS; GREASE TRAP REQUIREMENTS; AND DETAILS, DOOR ACCESS, AND EXTERIOR GRADING. THE ARCHITECT WILL DETERMINE THE UTILITY SERVICE SIZES. THE CONTRACTOR MUST COORDINATE INSTALLATION OF UTILITY SERVICES WITH THE INDIVIDUAL COMPANIES TO AVOID CONFLICTS AND TO ENSURE THAT PROPER DEPTHS ARE (Rev. 4/2023) ACHIEVED, THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT INSTALLATION OF ALL IMPROVEMENTS COMPLIES WITH ALL UTILITY REQUIREMENTS OF THE APPLICABLE JURISDICTION AND REGULATORY AGENCIES AND ALL OTHER APPLICABLE REQUIREMENTS, RULES, STATUTES, LAWS, ORDINANCES AND CODES AND, FURTHER, IS RESPONSIBLE FOR COORDINATING THE UTILITY TIE-INS/CONNECTIONS PRIOR TO CONNECTING TO THE EXISTING UTILITY/SERVICE. WHERE A CONFLICT(S) EXISTS BETWEEN THESE DOCUMENTS AND THE ARCHITECTURAL PLANS, OR WHERE ARCHITECTURAL PLAN UTILITY CONNECTION POINTS DIFFER, THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE PROFESSIONAL OF RECORD AND BOHLER, IN WRITING, AND PRIOR TO CONSTRUCTION MUST RESOLVE SAME ALL FILL, COMPACTION, AND BACKFILL MATERIALS REQUIRED FOR UTILITY INSTALLATION MUST BE EXACTLY AS PER THE RECOMMENDATIONS PROVIDED IN THE GEOTECHNICAL REPORT AND THE CONTRACTOR MUST COORDINATE SAME WITH THE APPLICABLE UTILITY COMPANY SPECIFICATIONS. WHEN THE PROJECT DOES NOT HAVE GEOTECHNICAL RECOMMENDATIONS . AND COMPACTION MUST COMPLY WITH APPLICABLE REQUIREMENTS AND SPECIFICATIONS. THE PROFESSIONAL OF RECORD AND BOHLER ARE NOT RESPONSIBLE FOR DESIGN OF TRENCH BACKFILL OR FOR COMPACTION REQUIREMENTS DURING THE INSTALLATION OF SANITARY STORM AND ALL UTILITIES. THE CONTRACTOR MUST MAINTAIN A CONTEMPORANEOUS AND THOROUGH RECORD OF CONSTRUCTION TO IDENTIFY THE AS-INSTALLED LOCATIONS OF ALL UNDERGROUND INFRASTRUCTURE. THE CONTRACTOR MUST CAREFULLY NOTE ANY INSTALLATIONS THAT DEVIATE, IN ANY RESPECT, FROM THE INFORMATION CONTAINED IN THESE PLANS. THIS RECORD MUST BE KEPT ON A CLEAN COPY OF THE APPROPRIATE PLAN(S). WHICH THE CONTRACTOR MUST PROMPTLY PROVIDE TO THE OWNER IMMEDIATELY UPON THE COMPLETION OF WORK. THE CONTRACTOR MUST ENSURE THAT ALL UTILITY TRENCHES LOCATED IN EXISTING PAVED ROADWAYS INCLUDING SANITARY. CONTRACTOR MUST STABILIZE SAME WITH GEOTEXTILE FABRIC AND MAINTAIN SAME IN STRICT ACCORDANCE WITH BEST WATER AND STORM SYSTEMS ARE REPAIRED IN ACCORDANCE WITH REFERENCED MUNICIPAL COUNTY AND OR STATE DOT DETAILS AS APPLICABLE. THE CONTRACTOR MUST COORDINATE INSPECTION AND APPROVAL OF COMPLETED WORK WITH THE AGENCY WITH JURISDICTION OVER SAME. FINAL LOCATIONS OF PROPOSED UTILITY POLES, AND/ OR POLES TO BE RELOCATED ARE AT THE SOLE DISCRETION OF THE RESPECTIVE UTILITY COMPANY, REGARDLESS OF WHAT THIS PLAN DEPICTS. WATER SERVICE MATERIALS, BURIAL DEPTH, AND COVER REQUIREMENTS MUST BE SPECIFIED BY THE LOCAL UTILITY COMPANY. THE CONTRACTOR MUST CONTACT THE APPLICABLE MUNICIPALITY TO CONFIRM THE PROPER WATER METER AND VAULT, PRIOR TO COMMENCING CONSTRUCTION. THE TOPS OF EXISTING MANHOLES, INLET STRUCTURES, AND SANITARY CLEANOUT MUST BE ADJUSTED, AS NECESSARY, TO MATCH PROPOSED FINISHED GRADES WITH NO TRIPPING OR SAFETY HAZARD IN ACCORDANCE WITH ALL APPLICABLE STANDARDS, REQUIREMENTS, RULES, STATUTES, LAWS, ORDINANCES AND CODES **OUTSIDE SOURCE NOTES** (Rev. 11/2023) ANY INFORMATION, DRAWINGS, DATA, PLANS, SPECIFICATIONS, MATERIALS, FIGURES, DOCUMENTATION, REPORTS, AND THE LIKE WHICH IS INDICATED TO HAVE BEEN PREPARED "BY OTHERS" (HEREIN, "BY OTHERS REPORTS, DOCUMENTS AND DETAILS") HAS BEEN OR WILL BE CREATED, DEVELOPED, PREPARED, PERFORMED, AND ANALYZED BY AN ENTITY OR PARTY OTHER THAN THE "BOHLER" ENTITY INVOLVED WITH THIS PROJECT. THE "BOHLER" ENTITY IS NOT IN ANY WAY RESPONSIBLE FOR THE BY OTHERS REPORTS DOCUMENTS AND DETAILS EVEN IF/WHERE INCLUDED IN THE "BOHLER" ENTITY'S PLANS, REPORTS, ETC. SAME HAS BEEN INCLUDED ON THIS PLAN FOR THE CONVENIENCE, ONLY, OF THE PROJECT OWNER, DEVELOPERS, CONTRACTORS AND CONSULTANTS AND IN ORDER TO COORDINATE THE "BOHLER" ENTITY'S DESIGN WITH THAT OF "OTHERS". THE "BOHLER" ENTITY HAS ASSUMED. FOR PURPOSES OF THIS PLAN, THAT THE BY OTHERS REPORTS, DOCUMENTS AND DETAILS ARE CURRENT AND, IF APPLICABLE PREPARED IN STRICT ACCORDANCE WITH ALL APPLICABLE COUNTY, STATE, FEDERAL AND OTHER STATUTES, LAWS, RULES, . THE CONTRACTOR MUST IDENTIFY, ON THE PLAN, THE LOCATION OF WASTE CONTAINERS. FUEL STORAGE TANKS. CONCRETE REGULATIONS. ORDINANCES AND THE LIKE. THE "BOHLER" ENTITY SPECIFICALLY DISCLAIMS ANY AND ALL LIABILITY AND RESPONSIBILITY FOR BY OTHERS REPORTS. DOCUMENTS AND DETAILS. THE ENTITY OR PERSON WHO CREATED THE INFORMATION CONTAINED IN THE BY OTHERS REPORTS. DOCUMENTS AND DETAILS (EXCLUDING INFORMATION AND/OR DETAILS SOLELY SUPPLIED BY A JURISDICTION AND/OR GOVERNING BODY) AGREES BY PARTICIPATING IN THIS PROJECT, RECEIVING, REVIEWING, USING AND/OR RELYING UPON THIS DOCUMENT, AND/OR BY AGREEING TO THE PROJECT OWNER/DEVELOPER'S CONTRACT DOCUMENTS, TO DEFEND, INDEMNIFY, PROTECT AND HOLD HARMLESS THE "BOHLER" ENTITY THAT PREPARED THIS DOCUMENT AND ITS DOCUMENTS. THE GENERAL NOTES ARE REFERENCED HEREIN. AND THE CONTRACTOR MUST REFER TO THEM AND FULLY EMPLOYEES FOR ANY AND ALL DAMAGES. INJURIES. COSTS. EXPENSES AND THE LIKE. TO THE FULLEST EXTENT PERMITTED UNDER THE LAW. WHICH THE "BOHLER" ENTITY AND/OR ITS EMPLOYEES SUFFER OR INCUR AS A RESULT OF INCLUDING ANY BY OTHERS REPORTS, DOCUMENTS AND DETAILS IN AND ON OR IN THIS PLAN. ANYONE OR ANY ENTITY WHO RECEIVED, RELIES UPON AND/OR

TFST LIMIT OF DISTURBANCE SAWCUT LINE BENCHMARK TYPICAL NOTE TEXT PROPOSED NOTE FXISTING NOTE BORING **ONSITE PROPERTY** LINE / R.O.W. LINE NEIGHBORING STANDARD LS LANDSCAPE PROPERTY LINE **ABBREVIATIONS** NTERIOR PARCEL LINE LSA LANDSCAPE AREA EASEMEN1 MAXIMUM FOR ENTIRE PLAN SET MAX LINE MATCH EXISTING AMERICAN ASSOCIATION OF SETRACK AASHTO | STATE HIGHWAY AND _ _ _ _ _ _ MECHANICAL, ELECTRICA MEP TRANSPORTATION OFFICIALS AND PLUMBING ACRE / ACRES MANHOLE MH AREA DRAIN MINIMUM MIN ACCESSIBLE / AMERICANS CURB AND GUTTER MECHANICAL JOINT WITH DISABILITIES ACT MANUAL ON UNIFORM TR MUTCD ABOVE GROUND AG CONTROL DEVICES **CONCRETE CURB & APPROXIMATE** NATIONAL OCEANIC AND GUTTER APPROX NOAA ATMOSPHERIC **ADMINISTRATION** ARCH | ARCHITECTURAL NATIONAL RESOURCE ASPHALT NRCS ASPH CONSERVATION SERVICE UTILITY POLE AREA SUBJECT TO WITH LIGHT **OPERATIONS AND** ASSF O&M STORMWATER FLOWAGE MAINTENANCE ASSOC | ASSOCIATION ON CENTER OC LIGHT BC BOTTOM OF CURB OUTLET CONTROL ocs TRAFFIC STRUCTURE BASEMENT FLOOF LIGHT OIL AND GRIT SEPARATOR OGS BIO BIOGARDEN UTILITY -ORD ORDINANCE BIT | BITUMINOUS POLE POINT OF ANALYSIS BK BLOCK PA / POA **TYPICAL** BL BASELINE POINT OF CURVATURE PC ACOR BLDG BUILDING \bigcirc POINT OF CURVATURE, CURP PCCR LIGHT RETURN BM BENCH MARK **TYPICAL** PERF PERFORATED \V/ ____ BUILDING RESTRICTION LINE SIGN PROPOSED GRADE BORDERING VEGETATIVE BVW PARKING WETLAND POINT OF INTERSECTION COUNTS CB CATCH BASIN POINT OF GRADE CF CUBIC FEET PP POLYPROPYLENE PIPE CI CURB INLET PROPOSED PROP CONTOUR CHANGE IN TYPE CIT PT POINT OF TANGENCY LINE CENTER LINE POINT OF TANGENCY, CURB CL TC 516.00 MATCH EX PTCR SPOT TC 516.00 TC 516.4 OR 516.4 RETURN CMP | CORRUGATED METAL PIPE **ELEVATIONS** BC 515.55 (518.02 ±) POINT OF VERTICAL PVI CO | CLEAN OUT INTERSECTION CONC | CONCRETE PVMT PAVEMENT SANITARY CONN | CONNECTION POINT OF VERTICAL (S-100) PVT LABEL **TANGENCY** COORD | COORDINATE RADIUS / RADII STORM A-100 CPP | CORRUGATED PLASTIC PIPE LABEL RIGHT-OF-WAY R/W CY CUBIC YARD RIGHTS-OF-WAY SANITARY SEWER -----SI -----DEC DECORATIVE REINFORCED CONCRETE PIPE RCP LATERAL DEPARTMENT OF RD ROOF DRAIN DEP UNDERGROUND ENVIRONMENTAL PROTECTION WATER LINE REGULATIONS REGS DET DETENTION **UNDERGROUND** RELO TO BE RELOCATED -----E-----DIAMETER DIA ELECTRIC LINE REQ REQUIRED DMH DRAINAGE MANHOLE **UNDERGROUND** RET RETENTION GAS LINE DOM DOMESTIC RETAINING WALL RET DEPARTMENT OF OVERHEAD WALL DOT ----OH-----**TRANSPORTATION** WIRE TO BE RETURNED TO OWNER RETO DESIGN POINT **UNDERGROUND** RG RAIN GARDEN DWL DASHED WHITE LINE TELEPHONE LINE s SLOPE DYL DOUBLE YELLOW LINE UNDERGROUND SANITARY SEWER SAN CABLE LINE EG EXISTING GRADE SOIL EROSION AND SEDIMENT SESC STORM ELEC | ELECTRIC CONTROL SEWER SHLO STATE HIGHWAY LAYOUT ELEV ELEVATION SANITARY EP / EOP | EDGE OF PAVEMENT ____s__ SANITARY MANHOLE SMH SEWER MAIN STATION ES / EOS EDGE OF SHOULDER STA SANITARY ——— FM—— STORM WATER / STORM FORCE MAIN STM SEWER EW | END WALL HYDRANT 8 SINGLE/SOLID WHITE LINE EX EXISTING STORMWATER POLLUTION FEDERAL EMERGENCY SWPPP SANITARY FEMA PREVENTION PLAN MANAGEMENT AGENCY MANHOLE TO BE ABANDONED TBA FES FLARED END SECTION STORM TO BE DETERMINED TBD FINISH / FIRST FLOOR MANHOLE TBP TO BE PROTECTED FINISH / FIRST FLOOR WATER FFE ELEVATION TBR TO BE REMOVED METER FG FINISH GRADE TO BE REMOVED AND WATER TBRR M REPLACED IN KIND FH FIRE HYDRANT VALVE TBS TO BE SALVAGED FM FORCE MAIN TO BE VACATED TBV FO FIBER OPTIC VALVE TOP OF CURB G GRADE **METER** TIME OF CONCENTRATION GC GENERAL CONTRACTOR TRENCH DRAIN GEO GEOTECH/GEOTECHNICAL TYPICAL END SECTION TELECOMMUNICATIONS / GARAGE FLOOR ELEVATION TELE GF / GFE (AT DOOR) TELEDATA **HEADWALL OR** TPF TREE PROTECTION FENCE ENDWALL GFA GROSS FLOOR AREA TO REMAIN TR GRATE GRADE HIGH (WALL) INLET TRANS TRANSITION GRADE LOW (WALL) GI TYP TYPICAL GRT GRATE INI FT UG UNDERGROUND GT GREASE TRAP °C/O UP UTILITY POLE GV GATE VALVE UNITED STATES GEOLOGICAL USGS HDPE HIGH DENSITY POLYETHYLENE FLECTRIC SURVEY MANHOLE HOR HORIZONTAL VERT VERTICAL USES THIS PLAN. AGREES TO HOLD THE "BOHLER" ENTITY AND ITS EMPLOYEES HARMLESS FROM ANY CLAIMS, DAMAGES, INJURIES. **TELEPHONE** HIGH POINT VIF VERIFY IN FIELD COSTS AND EXPENSES, TO THE FULLEST EXTENT PERMITTED UNDER THE LAW, FOR ANY DAMAGES, INJURIES, COSTS, EXPENSES MANHOLF AND THE LIKE, TO THE FULLEST EXTENT PERMITTED UNDER THE LAW, WHICH IT OR THEY SUFFER OR INCUR AS A RESULT OF THE HW HEADWALL WIDE / WIDTH ANY BY OTHERS REPORTS DOCUMENTS AND DETAILS INCORPORATED IN THE PLAN AND EXPRESSLY CONFIRMS THAT BY **ELECTRIC** RECEIVING. RELYING UPON AND/OR USING SAME. THE "BOHLER" ENTITY SHALL HAVE NO LIABILITY RELATED TO SAME. WITH INLET CONTROL STRUCTURE ICS WATER LINE W/L BOX RESPECT TO ALL BY OTHERS REPORTS, DOCUMENTS AND DETAILS, CONTRACTOR MUST VERIFY ALL INFORMATION CONTAINED IN THE SCOPE OF ALL PARTIES INVOLVED IN PREPARING THE BY OTHERS REPORTS. DOCUMENTS AND DETAILS PRIOR TO COMMENCING INF INFILTRATION WATER METER ELECTRIC ANY CONSTRUCTION AND MUST VERIFY THAT THE INFORMATION IS THE LATEST, THE MOST RECENT AND THE MOST CURRENT PEDESTA REPORT, DOCUMENT AND DETAIL. REFERENCES ON THIS PLAN TO INFORMATION PREPARED OR CONTAINED IN BY OTHERS INT INTERSECTION WATER QUALITY UNIT WQU REPORTS DOCUMENTS AND DETAILS DEPICTING AN OFE-SITE AREA WHERE NO DETAIL IS INCLUDED IS A REFERENCE TO AN AREA INV INVERT DETAIL. SPECIFICATION OR DESIGN THAT HAS NOT BEEN DESIGNED OR CONSTRUCTED BY THE "BOHLER" ENTITY AND REGARDING YARD DRAIN WHICH THE "BOHLER" ENTITY HAS NO CONTROL OVER OR LIABILITY REGARDING. BUT IS ADDED TO THIS PLAN FOR INFORMATIONAL LF LINEAR FOOT # NUMBER LOC LIMIT OF CLEARING SLOPE EXPRESSED IN

STANDARD DRAWING LEGEND

FOR ENTIRE PLAN SET

LOW

LIMIT OF WORK

MONITORING

WELL

TRC COMMENTS 7/1/24 9/2/25 TRC COMMENTS 10/2/25 TRC COMMENTS 11/12/25 TRC COMMENTS

REVISIONS

COMMENT

REV DATE

Call before you dig **ALWAYS CALL 811**

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PERMIT SET

P-CIVL-CNDS

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PROJECT:

CAD I.D.

SITE DEVELOPMENT **PLANS**

PROPOSED **DEVELOPMENT**

735 S MAIN ST ROLESVILLE. NC 27571 WAKE COUNTY

4130 PARKLAKE AVENUE, SUITE 20 RALEIGH, NC 27612

Phone: (919) 578-9000 NC@BohlerEng.com

SHEET TITLE:

GENERAL NOTES AND LEGEND

HORIZONTAL:VERTICAL IN

PLUS OR MINUS

DEGREE

Ø DIAMETER

#:#

LOD LIMIT OF DISTURBANCE

LOS LINE OF SIGHT

LOW LIMIT OF WORK

LP LOW POINT

CERTIFICATE OF OWNERSHIP AND DEDICATION

I HEREBY CERTIFY THAT I AM THE OWNER OF THE PROPERTY SHOWN AND DESCRIBED HEREON, WHICH IS LOCATED IN THE SUBDIVISION JURISDICTION OF THE TOWN OF ROLESVILLE AND THAT I HEREBY ADOPT THIS PLAN OF SUBDIVISION WITH MY FREE CONSENT, ESTABLISH MINIMUM BUILDING SETBACK LINES, AND DEDICATE ALL STREETS, ALLEYS, WALKS, PARKS, AND OTHER SITES AND EASEMENTS TO PUBLIC OR PRIVATE USE AS NOTED. FURTHERMORE, I HEREBY DEDICATE ALL SANITARY SEWER AND WATER LINES TO THE CITY OF RALEIGH PUBLIC UTILITIES AND STORM SEWER TO THE TOWN OF ROLESVILLE.

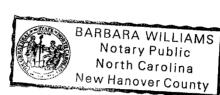
OWNER: WALLBROOK LANDCO LLC

1. attitle J. Austin Williams 6/27/2025 PRINT NAME

NORTH CAROLINA, New Hanner COUNTY.

I, Barbara Williams, A NOTARY PUBLIC OF THE COUNTY AND STATE AFORESAID, CERTIFY THAT J. Austin Williams PERSONALLY APPEARED BEFORE ME THIS DAY AND ACKNOWLEDGED THE EXECUTION OF THE FOREGOING INSTRUMENT. WITNESS MY HAND AND OFFICIAL STAMP OR SEAL, THIS 27 DAY OF June, 2025.

MY COMMISSION EXPIRES 3/23/2027



CERTIFICATE OF APPROVAL FOR RECORDING

I HEREBY CERTIFY THAT THE SUBDIVISION PLAT SHOWN HEREON HAS BEEN FOUND TO COMPLY WITH THE SUBDIVISION REGULATIONS OF THE TOWN OF ROLESVILLE, NORTH CAROLINA AND THAT THIS PLAT HAS BEEN APPROVED BY THE LDA OF THE TOWN OF ROLESVILLE FOR RECORDING IN THE OFFICE OF THE REGISTER OF DEEDS OF WAKE COUNTY.

Michele FRaby

TOWN OF ROLESVILLE NORTH CAROLINA

I, Muchele Rolly, Review Officer of the town of Rolesville, WAKE JOUNTY, CERTIFY THAT THE MAP OR PLAT TO WHICH THIS CERTIFICATION IS AFFIXED MEETS ALL STATUTORY REQUIREMENTS FOR RECORDING.

SURVEYOR'S CERTIFICATE

I, MICHAEL W. ZMUDA, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION BASED ON THE DEED DESCRIPTION RECORDED IN BOOK 18103, PAGE 1563, WAKE COUNTY REGISTRY; THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION FOUND IN BOOK OF MAPS 2023, PAGES 1600 TO 1602; THAT THE RATIO OF PRECISION OR POSITIONAL ACCURACY AS CALCULATED IS 1:34,300; THAT THIS PLAT WAS PREPARED IN ACCORDANCE WITH G.S. 47-30 AS AMENDED. WITNESS MY ORIGINAL SIGNATURE, LICENSE NUMBER AND SEAL THIS **20** DAY OF <u>MAY</u> ,A.D., 2025.

I, MICHAEL W. ZMUDA, FURTHER CERTIFY THAT THE SURVEY CREATES A SUBDIVISION OF LAND WITHIN THE AREA OF A COUNTY OR MUNICIPALITY THAT HAS AN ORDINANCE THAT REGULATES PARCELS OF LAND.

MICHAEL W. ZMUDA, PLS #L-5205

GENERAL NOTES

- 1. A FIELD-RUN BOUNDARY SURVEY WAS PERFORMED BY JOHNSON, MIRMIRAN & THOMPSON FROM DECEMBER 2019 THROUGH MARCH 2020.
- 2. THE SURVEY IS REFERENCED TO THE NORTH CAROLINA STATE PLANE COORDINATE SYSTEM, NAD83(2001) BASED ON FIELD TIES TO NGS MONUMENTS "TOMS" (PID EZ2419) AND "SCARBORO" (PID EZ2420).
- 3. ALL DISTANCES ARE HORIZONTAL GROUND.
- 4. THE SUBJECT PROPERTY IS LOCATED IN FLOOD ZONE X AS SHOWN ON THE NATIONAL FLOOD INSURANCE RATE MAP (FIRM) FOR WAKE COUNTY, NORTH CAROLINA, PANEL 1758, MAP NO. 3720175800K, WITH AN EFFECTIVE DATE OF JULY 19, 2022.
- 5. ROLESVILLE PROJECT NUMBER: FSP 24-13
- 6. RELATED PROJECT NUMBERS: SUP 20-02: SPECIAL USE PERMIT

ANX 21-06: ANNEXATION PR 21-04 REVISED: INITIAL PRELIMINARY SUBDIVISION PLAT

PSP 24-01: LOT 5 PRELIMINARY SUBDIVISION PLAT CID 23-01:

FSP 23-09:

WALLBROOK ROADWAY IMPROVEMENTS (VIRGINIA WATER DRIVE & WALLBROOK

INTERMEDIATE FINAL PLAT

ZONING: GC-CZ (GENERAL COMMERCIAL) SETBACKS: FRONT 20'

SIDE 15'

REAR 35' CORNER 25'

WALLBROOK LANDCO LLC OWNER: C/O AUSTIN WILLIAMS 3 KEEL STREET, SUITE 2

WRIGHTSVILLE BEACH, NC 28480 D.B. 18103 PG 1563 PIN# 1758563963

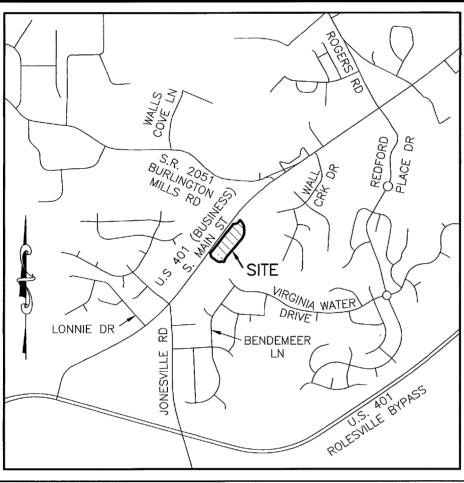
9. DEVELOPER: WALLBROOK LANDCO LLC

C/O AUSTIN WILLIAMS 3 KEEL STREET, SUITE 2 WRIGHTSVILLE BEACH, NC 28480

ARK CONSULTING GROUP, PLLC 925-A CONFERENCE DRIVE

GREENVILLE, NC 27858 (252) 558-0888

- 11. PER APPROVED WAKE COUNTY STORMWATER PERMIT SWF-105582-2023 TITLED "WALLBROOK PUBLIX", LOT 5 SHALL NOT EXCEED 4.31 ACRES OF BUILT-UPON AREA. REFER TO AREA TABULATION FOR INDIVIDUAL LOT ALLOCATIONS.
- 12. LINEAR LENGTH OF NEW PUBLIC RIGHT-OF-WAY BEING DEDICATED: 1003'



VICINITY MAP SCALE: $1" = \pm 2000'$

<u>REFERENCES</u>

D.B. 18103 PG 1563 D.B. 18992 PG 412 B.M. 2023 PG 1600-1602

AREA TABULATION

	AREA (AC.)	MAX. BUA (85%)	PLANNED USE
LOT 5A	1.6285	1.3842	NON-RESIDENTIAL
LOT 5B	0.7287	0.6194	NON-RESIDENTIAL
LOT 5C	2.7109	2.3043	NON-RESIDENTIAL
RIGHT OF WAY	1.4138	_	RIGHT OF WAY
TOTAL:	6.4819	4.3079	



9201 ARBORETUM PARKWAY, SUITE 310 | RICHMOND, VA 23236 N.C. License No. C-3097 | P: (804) 323-9900 | F: (804) 323-0596 | www.jmt.com

		1 - (
REVISION #	DATE	REASON FOR REVISION
1	10-3-2024	PER TOWN COMMENTS
2	5-20-2025	LOT LINE AND EASEMENT REVISIONS

FINAL SUBDIVISION PLAT

WALLBROOK A DIVISION OF LOT 5 OF THE INTERMEDIATE SUBDIVISION PLAT RECORDED IN B.M. 2023 PG 1600-1602

TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA

L-5205

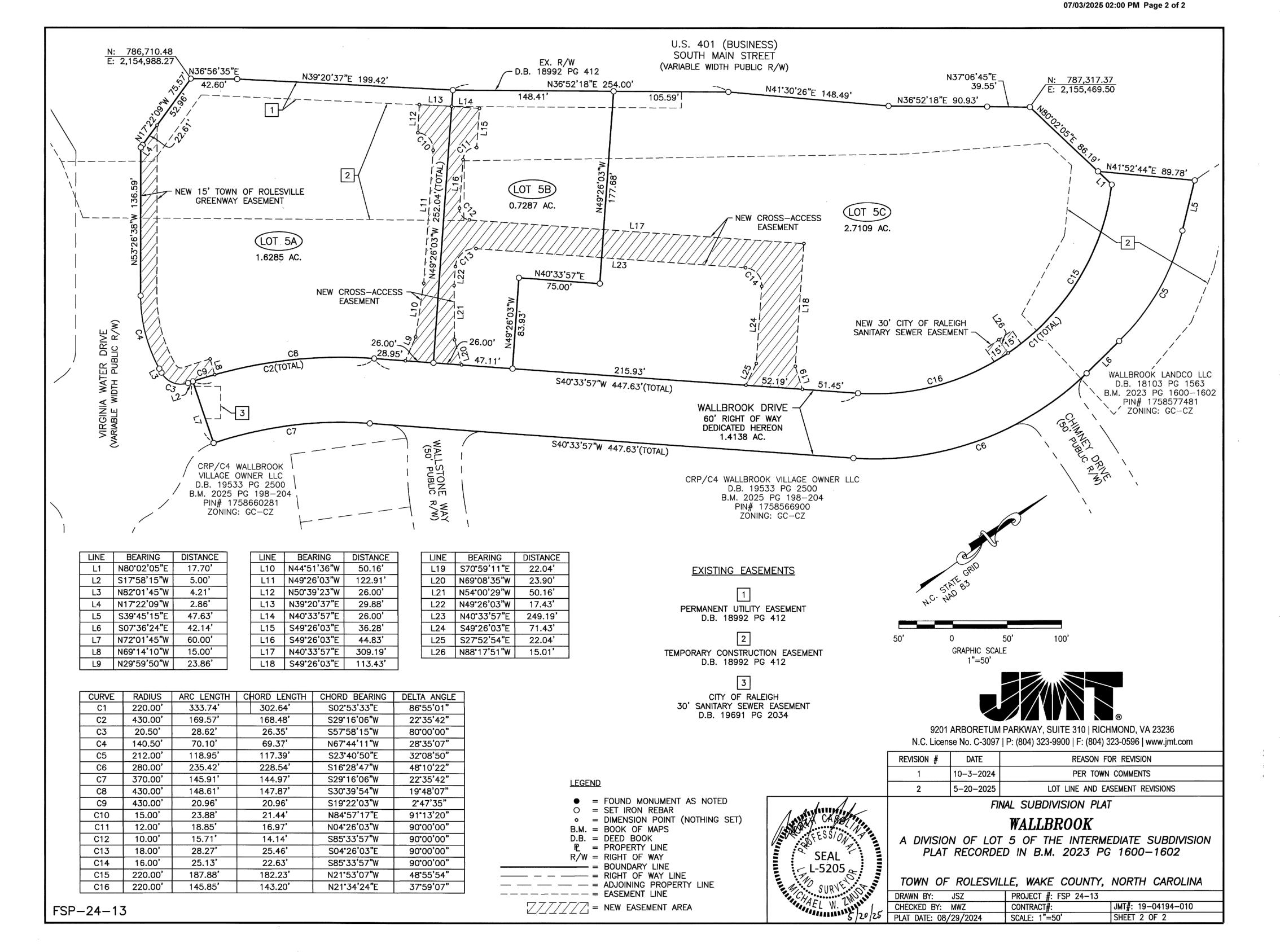
PROJECT #: FSP 24-13 JMT#: 19-04194-010 CHECKED BY: MWZ CONTRACT# SCALE: 1"=50' SHEET 1 OF 2 PLAT DATE: 08/29/2024

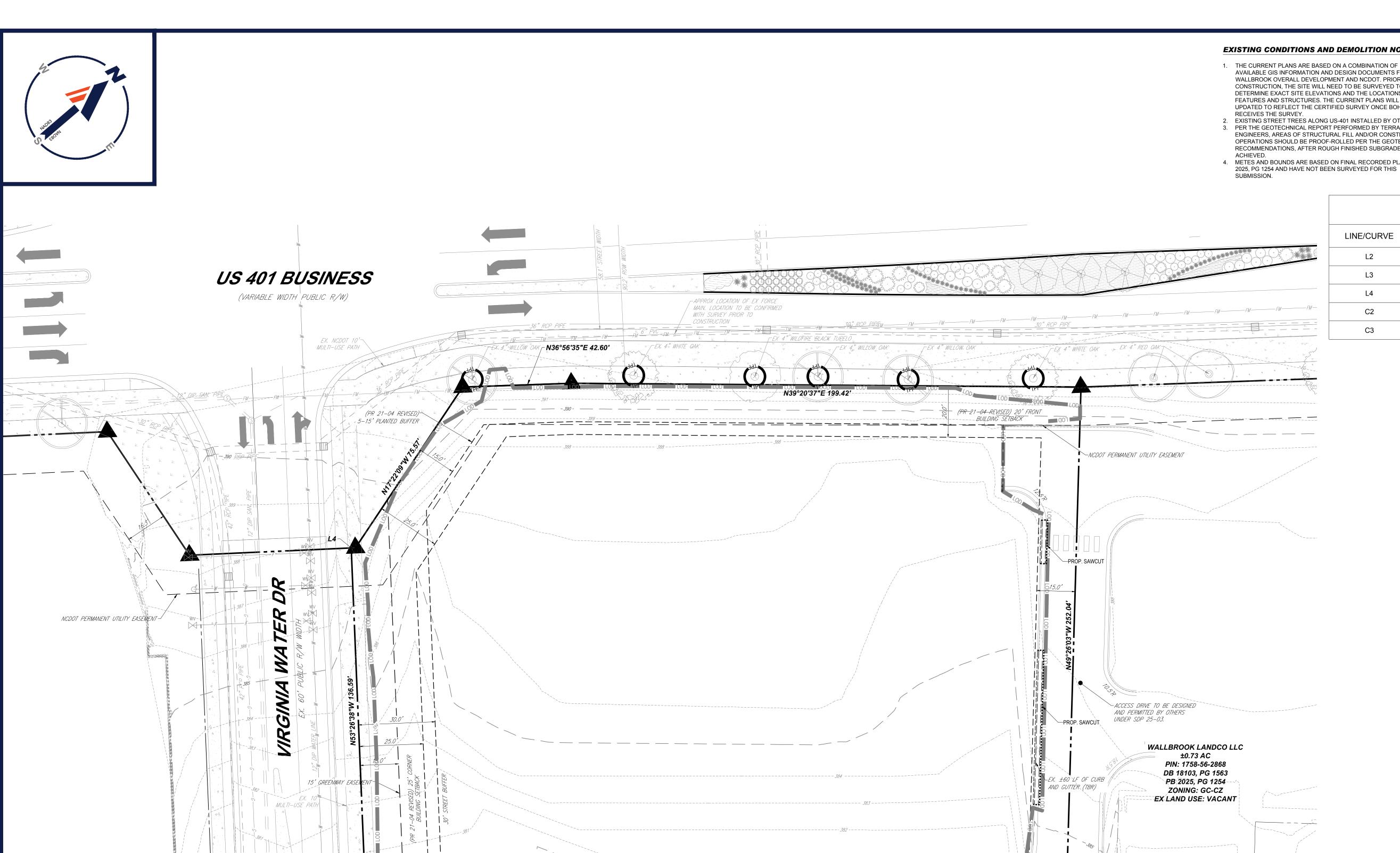
Register of Deeds Tammy L. Brunner Wake County, NC 07/03/2025 02:00:25 PM B: BM2025 P: 01254 Pages: 2 MAP - MAP PLAT Fee: \$42.00 Document #2025031499

IIII MAS BAZ PASO PASTASS BAZTKAS III.A. III.

FSP-24-13

2025031499 B: BM2025 P: 01255





WALLBROOK LANDCO LLC

±1.63 AC

PIN: 1758-56-1750

DB 18103, PG 1563

PB 2025, PG 1254 ZONING: GC-CZ EX LAND USÉ: VACANT

EXISTING CONDITIONS AND DEMOLITION NOTES:

- AVAILABLE GIS INFORMATION AND DESIGN DOCUMENTS FROM THE WALLBROOK OVERALL DEVELOPMENT AND NCDOT. PRIOR TO CONSTRUCTION, THE SITE WILL NEED TO BE SURVEYED TO DETERMINE EXACT SITE ELEVATIONS AND THE LOCATIONS OF SITE FEATURES AND STRUCTURES. THE CURRENT PLANS WILL BE UPDATED TO REFLECT THE CERTIFIED SURVEY ONCE BOHLER
- 2. EXISTING STREET TREES ALONG US-401 INSTALLED BY OTHERS. PER THE GEOTECHNICAL REPORT PERFORMED BY TERRATECH ENGINEERS, AREAS OF STRUCTURAL FILL AND/OR CONSTRUCTION OPERATIONS SHOULD BE PROOF-ROLLED PER THE GEOTECHNICAL RECOMMENDATIONS, AFTER ROUGH FINISHED SUBGRADE IS
- 4. METES AND BOUNDS ARE BASED ON FINAL RECORDED PLAT BM 2025, PG 1254 AND HAVE NOT BEEN SURVEYED FOR THIS

DEMOLITION	V
ABBREVIATIO	

ABBREVIATION	DESCRIPTION
(TBA)	TO BE ABANDONED
(TBR)	TO BE REMOVED
(TBV)	TO BE VACATED
(RELO)	TO BE RELOCATED

METES	&	BO	UN	D\$

LINE/CURVE	BEARING	DISTANCE/CHORD LENGTH
L2	S17°58'15"W	5.00'
L3	N82°01'45"W	4.21'
L4	N17°22'09"W	2.86'
C2	168.48'	168.48'
C3	26.35'	26.35'



Ľ		
	F	REVISIONS
REV	DATE	COMMENT
1	7/1/24	TRC COMMENTS
2	9/2/25	TRC COMMENTS
3	10/2/25	TRC COMMENTS

11/12/25 TRC COMMENTS



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AND APPROVAL. IT IS NOT INTENDED AS A CONSTRUCTION DOCUMENT UNLESS INDICATED OTHERWISE.			
NCB230114.00 RS/JE/CC			
WN BY: RS/JE/CC CKED BY: OAK			
04/23/24 P-CIVL-EXDM			

DATE: CAD I.D.:

SITE DEVELOPMENT

PLANS







DEVELOPMENT 735 S MAIN ST

ROLESVILLE, NC 27571 WAKE COUNTY

BOHLER // BOHLER ENGINEERING NC, PLLC

4130 PARKLAKE AVENUE, SUITE 20 RALEIGH, NC 27612

Phone: (919) 578-9000 NC@BohlerEng.com



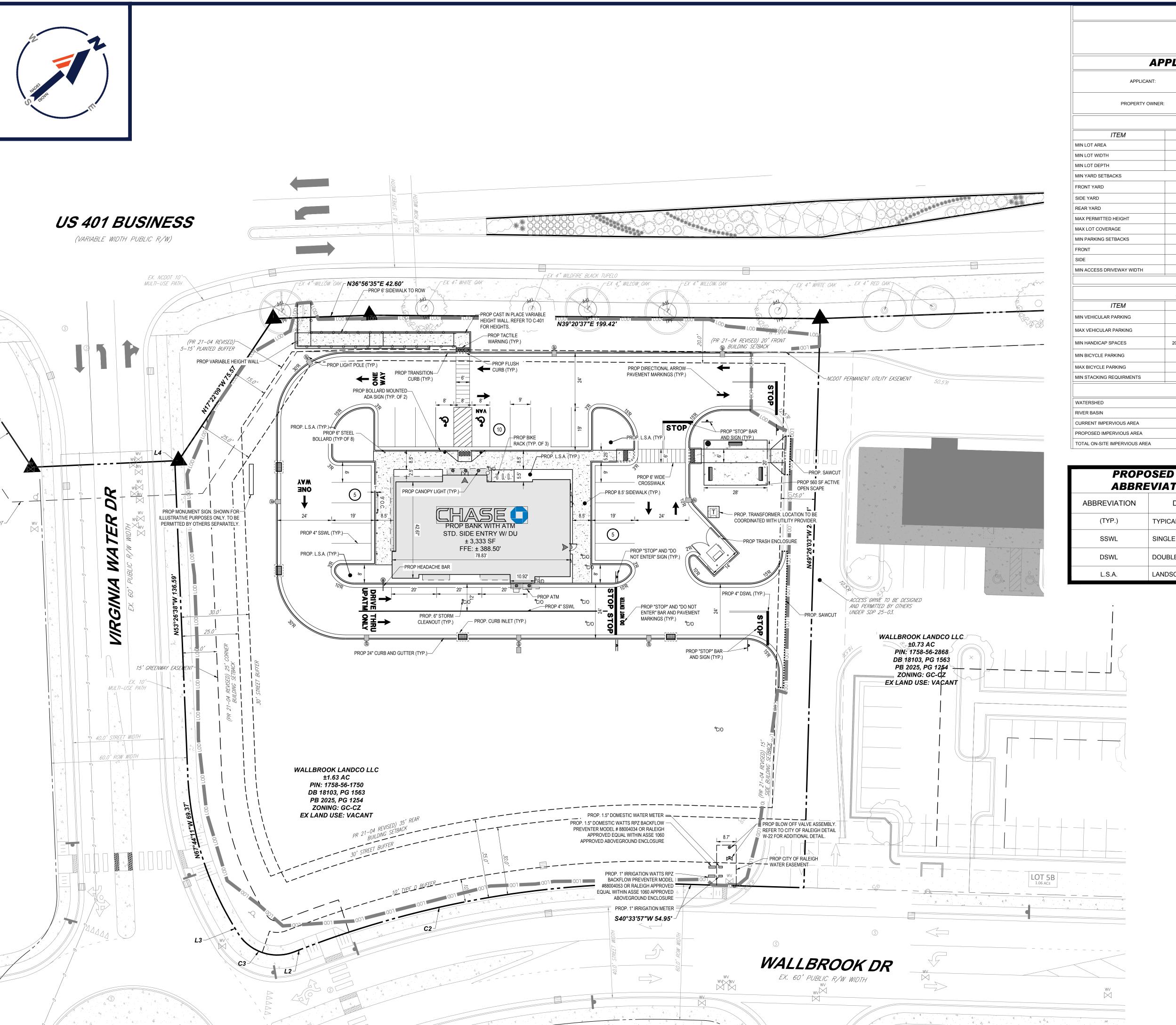
EXISTING CONDITIONS DEMOLITION

PLAN

C-201

REVISION 4 - 11/12/25

THIS PLAN TO BE UTILIZED FOR **DEMOLITION PURPOSES ONLY**



ZONING TABLE

PIN: 1758-56-3963 ZONE: GC-CZ GENERAL COMMERCIAL - CONDITIONAL ZONING CURRENT USE: VACANT PROPOSED USE: BANKING SERVICES LOT: 5A, WALLBROOK, BM2025/PG1690-1691 PROPOSED SQUARE FOOTAGE OF BUILDING: 3,333 SF

APPLICANT | OWNER INFORMATION

JLL 4509 CREEDMOOR RD, STE 300 RALEIGH, NC 27612 WALLBROOK LANDCO, LLC 3 KEEL ST, STE 2 WRIGHTSVILLE BEACH, NC 28480

BULK REQUIREMENTS					
ITEM	CODE	PERMITTED	EXISTING	PROPOSED	
IIN LOT AREA	§ 3.2.1	20,000 SF (0.46 AC)	71,000 SF (1.63 AC)	71,000 (1.63 AC)	
MIN LOT WIDTH	§ 3.2.1	100.0'	±260.0'	±260.0'	
MIN LOT DEPTH	N/A	N/A	N/A	N/A	
MIN YARD SETBACKS					
RONT YARD	§ 3.2.1	20' FROM FRONT PROPERTY LINE	N/A	70.0'	
SIDE YARD	§ 3.2.1	15.0' FROM SIDE LOT LINE	N/A	95.0'	
REAR YARD	§ 3.2.1	35.0' FROM REAR LOT LINE	N/A	N/A	
MAX PERMITTED HEIGHT	§ 3.2.1	35.0'	N/A	<35.0'	
MAX LOT COVERAGE	§ 3.2.1	N/A	N/A	TBD	
IIN PARKING SETBACKS	§ 6.2.2.2				
RONT	§ 6.2.2.2	30.0' FROM R/W	N/A	40.0'	
SIDE	§ 6.2.2.2	10.0' FROM R/W	N/A	70.0'	
MIN ACCESS DRIVEWAY WIDTH	§ 6.4.4	24'	N/A	24'	

PARKING REQUIREMENTS					
	CODE	PERMITTED	EXISTING	PROPOSED	
	§ 6.4.3	2.5 SPACES PER 1,000 SF 2.5x(3,333 SF/1,000 SF) = 8	N/A	20 SPACES	
	§ 6.4.3	6.0 SPACES PER 1,000 SF 6.0x(3,333 SF/1,000 SF) = 20	N/A	20 SPACES	
	2010 ADA CODE	1-25 SPACES REQUIRES MINIMUM OF 1 ADA SPACE	N/A	2 SPACES	
	§ 6.4.7	1 SPACE PER 5,000 SF 1x(3,333 SF/5,000 SF) = 1	N/A	3 BICYCLE RACKS	

N/A

KEY = VARIANCE REQUIRED

3 BICYCLE RACKS

2 SPACES

ADDITIONAL SITE DATA		
WATERSHED	LOWER NEUSE	
RIVER BASIN	NEUSE	
CURRENT IMPERVIOUS AREA	5,077 SF	
PROPOSED IMPERVIOUS AREA	25,046 SF	
TOTAL ON-SITE IMPERVIOUS AREA	30,123 SF (42.5% OF SITE AREA)	

§ 5.1.4.B

20 BICYCLE SPACES

2 SPACES @ 10' x 20'

PROPOSED SITE ABBREVIATIONS				
ABBREVIATION	DESCRIPTION			
(TYP.)	TYPICAL			
SSWL	SINGLE SOLID WHITE LINE			
DSWL	DOUBLE SOLID WHITE LINE			
L.S.A.	LANDSCAPE AREA			

LEGEND					
PROPOSED					
PROPERTY LINE					
EASEMENT LINE					
SETBACK LINE					
CURB					
DEPRESSED CURB					
UTILITY POLE	-				
TYPICAL SIGN					
PARKING COUNT	\bigotimes				
PROP. TRASH CAN					
PROP. BENCH					
HYDRANT	~				
SANITARY MANHOLE					
STORM MANHOLE					
WATER VALVE	M				
WATER METER	⊗WM				
DATA	□ _{GV}				
TYPICAL END SECTION					
DATA	\sim				
GRATE INLET					
CURB INLET					
CLEANOUT	°C/O				

THIS PLAN TO BE UTILIZED FOR SITE

LAYOUT PURPOSES ONLY

SCALE: 1" = 20'



	n	E E	THE INFORMATION, DESIGN AND CO AUTHORIZATION FRC
	_		
	F	REVISIONS	
<i>,</i>	DATE	COMMENT	DRAWN B
<u> </u>	DATE	COMINENT	CHECKED
	7/1/24	TRC COMMENTS	CJAC
	1/1/24	TIVO COMINICIATO	OAK
	9/2/25	TRC COMMENTS	RS/CC
	912123	TIVO COMINICIATO	OAK

'	//1/24	TRC COMMENTS	OAK
2	9/2/25	TRC COMMENTS	RS/CC
	9/2/23	TITO COMMENTS	OAK
3	10/2/25	TRC COMMENTS	RS/CC
	10/2/25	TITO OOMINIENTO	OAK
4	11/12/25	TRC COMMENTS	RBS
	11/12/20	TITO OOMINIENTO	OAK
		<u> </u>	



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PROJECT:

SITE DEVELOPMENT **PLANS**



PROPOSED DEVELOPMENT

735 S MAIN ST **ROLESVILLE, NC 27571** WAKE COUNTY



4130 PARKLAKE AVENUE, SUITE 20 RALEIGH, NC 27612 Phone: (919) 578-9000

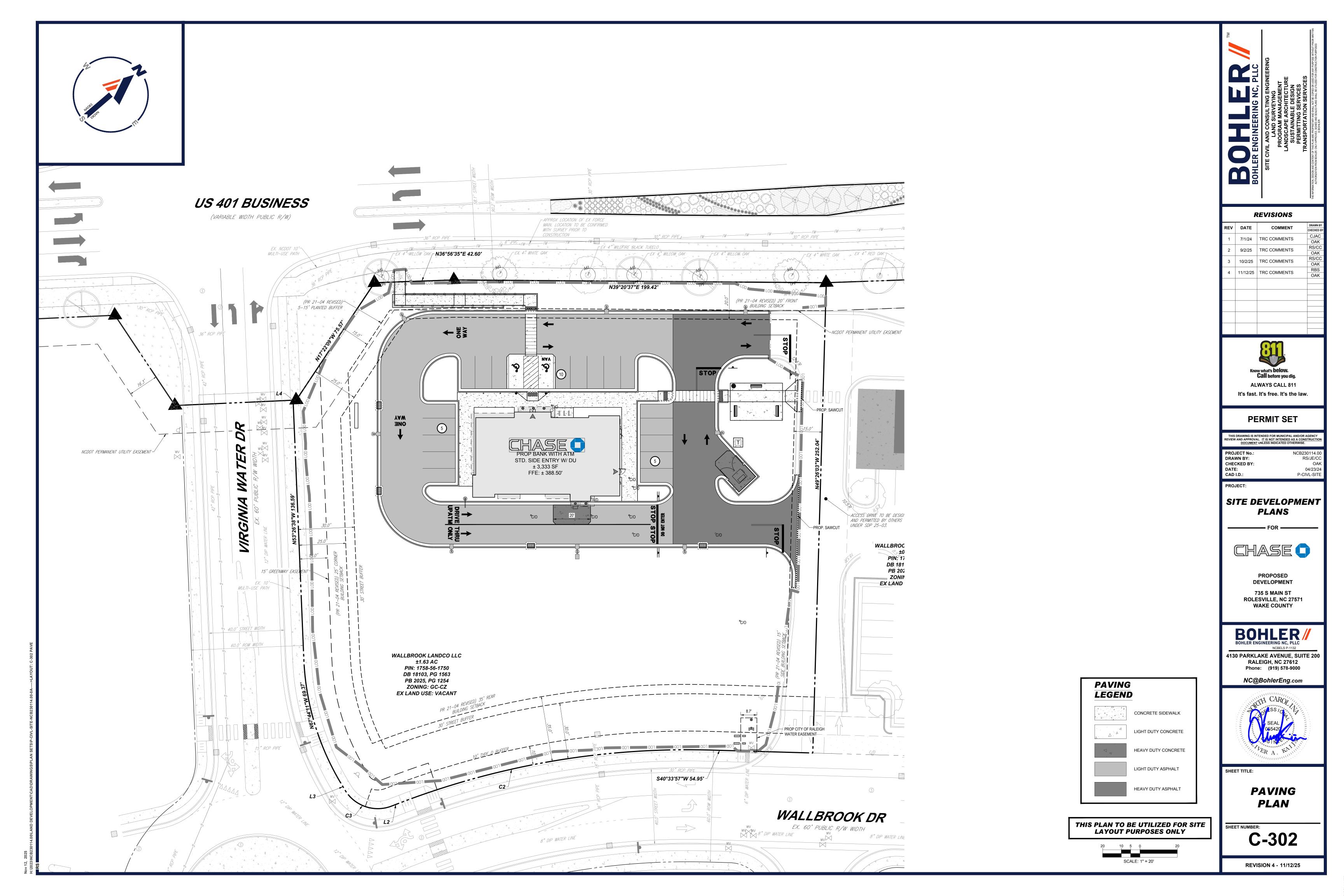
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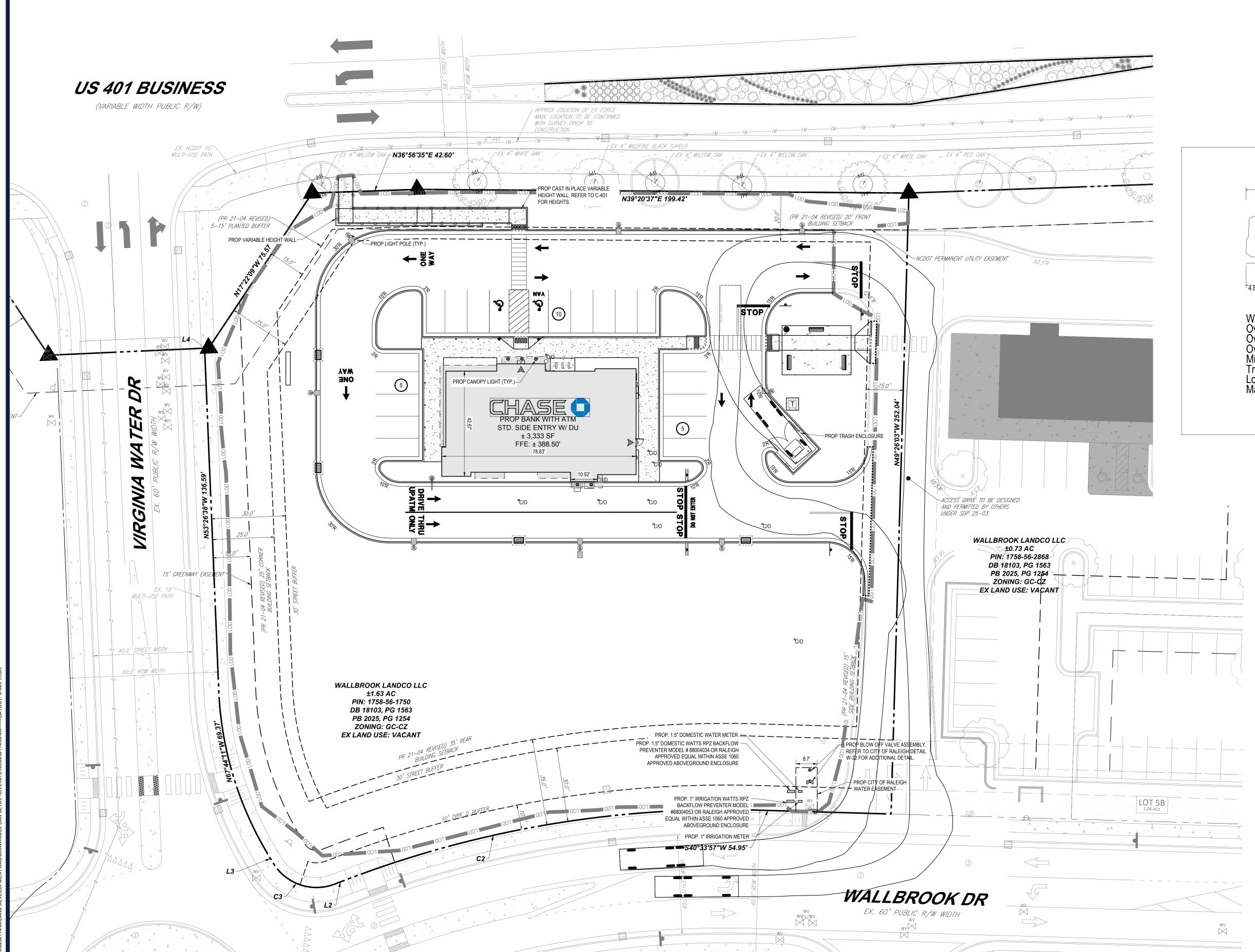
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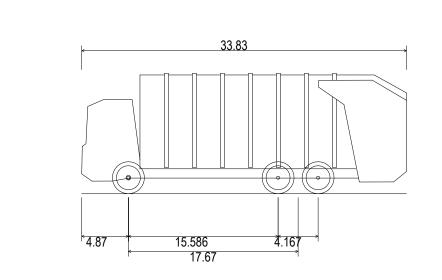
SITE PLAN

C-301









WAYNE TITAN TRASH TRUCK Overall Length Overall Width Overall Body Height
Min Body Ground Clearance
Track Width Lock-to-lock time
Max Steering Angle (Virtual)

33.830ft 8.500ft 12.537ft 1.226ft 8.000ft 6.00s 45.00°

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SITE DEVELOPMENT **PLANS**

REVISIONS

7/1/24 TRC COMMENTS

9/2/25 TRC COMMENTS

10/2/25 TRC COMMENTS

11/12/25 TRC COMMENTS

Know what's **below. Call** before you dig.

ALWAYS CALL 811 It's fast. It's free. It's the law.

PERMIT SET

REV DATE



PROPOSED DEVELOPMENT

735 S MAIN ST **ROLESVILLE, NC 27571** WAKE COUNTY

BOHLER //
BOHLER ENGINEERING NC, PLLC

4130 PARKLAKE AVENUE, SUITE 20 RALEIGH, NC 27612 Phone: (919) 578-9000

NC@BohlerEng.com



TRUCK TURN PLAN

THIS PLAN TO BE UTILIZED FOR SITE

LAYOUT PURPOSES ONLY

SCALE: 1" = 20'

C-303



PIN: 1758-56-3963 ZONE: GC-CZ GENERAL COMMERCIAL - CONDITIONAL ZONING CURRENT USE: VACANT PROPOSED USE: BANKING SERVICES LOT: 5A, WALLBROOK, BM2025/PG1690-1691 PROPOSED SQUARE FOOTAGE OF BUILDING: 3,333 SF

1.3842 AC OR 60,296 SF (85% OF SITE AREA)

LOT: 5A, WALLBROOK, BM2025/PG1690-1691 PROPOSED SQUARE FOOTAGE OF BUILDING: 3,333 SF APPLICANT | OWNER INFORMATION

APPLICANT:	JLL 4509 CREEDMOOR RD, STE 300 RALEIGH, NC 27612	
PROPERTY OWNER:	WALLBROOK LANDCO, LLC 3 KEEL ST, STE 2 WRIGHTSVILLE BEACH, NC 28480	

ADDITIONAL SITE DATA			
WATERSHED	LOWER NEUSE		
RIVER BASIN	NEUSE		
CURRENT ON-SITE IMPERVIOUS AREA	5,077 SF		
PROPOSED ON-SITE IMPERVIOUS AREA	25,046 SF		
TOTAL ON-SITE IMPERVIOUS AREA	30,123 SF (42.5% OF SITE AREA)		

ALLOTTED ON-SITE IMPERVIOUS AREA (BM 2025, PG 1254)

GENERAL GRADING & DRAINAGE NOTES:

- 1. SPILL CURB TO BE INSTALLED ALONG THE INTERIOR CURB. GUTTER TYPE AND SLOPE TO MATCH THAT OF THE SLOPE OF THE ADJACENT PAVEMENT. REFER TO SHEET C-901 FOR ADDITIONAL DETAIL.
- FOR ADDITIONAL DETAIL.

 2. THE ONSITE STORMWATER WILL BE ENTERING THE EXISTING WALLBROOK SYSTEM BY CONNECTING TO THE STORM STRUCTURE NEAR WALLBROOK DR (REFERRED TO AS *EX-10* IN THE PLAN SET) VIA A 15" HDPE STORM PIPE THAT RUNS THROUGH THE SITE. THE CHASE BANK SITE WILL DRAIN TO THE IMPERVIOUS AREA ON SITE WILL ENTER THE SYSTEM VIA A PROPOSED
- CURB INLETS (A-10 THROUGH A-40).

 3. PLEASE CONTACT JEFFREY GUNTER, CESSWI AT 919-397-8670 TO SCHEDULE THE PRECONSTRUCTION MEETING AND PLEASE PROVIDE FULL-SIZE SETS OF PLANS PER DIRECTION PRIOR TO THE MEETING.

GRADING A	BBREVIATIONS
ABBREVIATION	DESCRIPTION
TC BC	TOP OF CURB BOTTOM OF CURB
G	GRADE
GH	HIGH SIDE OF WALL GRADE
GL	LOW SIDE OF WALL GRADE
FF	FINISH FLOOR
LP	LOW POINT
HP	HIGH POINT

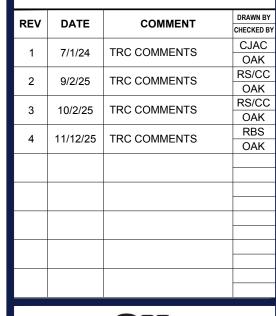
STORM STRUCTURE SCHEDULE

STRUCTURE #	CATEGORY	GRT/RIM	INV IN	INV OUT
A-10	PROP. CURB INLET	385.32		INV OUT = 377.00 (15")
A-20	PROP. CURB INLET	386.78	INV IN = 375.20' (15") INV IN = 382.00' (6") INV IN = 375.20' (15")	INV OUT = 375.00 (15")
A-21	PROP. 6" STORM CLEANOUT	387.29	INV IN = 382.89' (6")	INV OUT = 382.89 (6")
A-22	PROP. 6" STORM CLEANOUT	387.40	INV IN = 383.56' (6") INV IN = 383.56' (6")	INV OUT = 383.56 (6")
A-22.5	PROP. ROOF DRAIN CONNECTION			INV OUT = 384.50 (6")
A-23	PROP. 6" STORM CLEANOUT	387.00	INV IN = 383.98' (6")	INV OUT = 383.98 (6")
A-24	PROP. 6" STORM CLEANOUT	388.37	INV IN = 384.55' (6")	INV OUT = 384.55 (6")
A-25	PROP. ROOF DRAIN CONNECTION			INV OUT = 384.67 (6")
A-30	PROP. CURB INLET	386.71	INV IN = 376.50' (15")	INV OUT = 376.30 (15")
A-40	PROP. CURB INLET	386.13	INV IN = 382.00' (6")	INV OUT = 378.00 (15")
A-41	PROP. 6" STORM CLEANOUT	388.45	INV IN = 384.38' (6")	INV OUT = 384.38 (6")
A-42	PROP. ROOF DRAIN CONNECTION			INV OUT = 384.50 (6")
EX-10	EX. DROP INLET	375.44	INV IN = 373.50' (15")	INV OUT = 373.23 (18")

BOHLER ENGINE SITE CIVIL AND CC

STORM SEWER PIPE SCHEDULE TO PIPE SLOPE DIAMETER MATERIAL MATERIAL

FROM	FROM INV	то	TO INV	PIPE LENGTH	SLOPE (%)	DIAMETER (IN.)	MATERIAL
A-20	382.00'	A-21	382.89'	17'	5.23%	6"	HDPE
A-20	375.20'	A-10	377.00'	92'	1.95%	15"	HDPE
A-20	375.20'	A-30	376.30'	87'	1.26%	15"	HDPE
A-21	382.89'	A-22	383.56'	32'	2.08%	6"	HDPE
A-22	383.56'	A-22.5	384.50'	9'	10.75%	6"	HDPE
A-22	383.56'	A-23	383.98'	20'	2.08%	6"	HDPE
A-23	383.98'	A-24	384.55'	28'	2.08%	6"	HDPE
A-24	384.55'	A-25	384.67'	5'	2.28%	6"	HDPE
A-30	376.50'	A-40	378.00'	46'	3.27%	15"	HDPE
A-40	382.00'	A-41	384.38'	93'	2.55%	6"	HDPE
A-41	384.38'	A-42	384.50'	6'	2.08%	6"	HDPE
EX-10	373.50'	A-20	375.00'	107'	1.41%	15"	HDPE



REVISIONS



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П	REVIEW AND APPROVAL. IT IS	FOR MUNICIPAL AND/OR AGENCY NOT INTENDED AS A CONSTRUCTI S INDICATED OTHERWISE.
	PROJECT No.:	NCB230114.0
	DRAWN BY:	RS/JE/C
	CHECKED BY:	O.A
	DATE:	04/23/2
	CAD I.D.:	P-CIVL-GRA

OJECT:

SITE DEVELOPMENT PLANS

CHASE



DEVELOPMENT
735 S MAIN ST

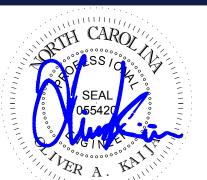
ROLESVILLE, NC 27571 WAKE COUNTY

BOHLER // BOHLER ENGINEERING NC, PLLC

MCBELS P-1132 4130 PARKLAKE AVENUE, SUITE 20 RALEIGH, NC 27612

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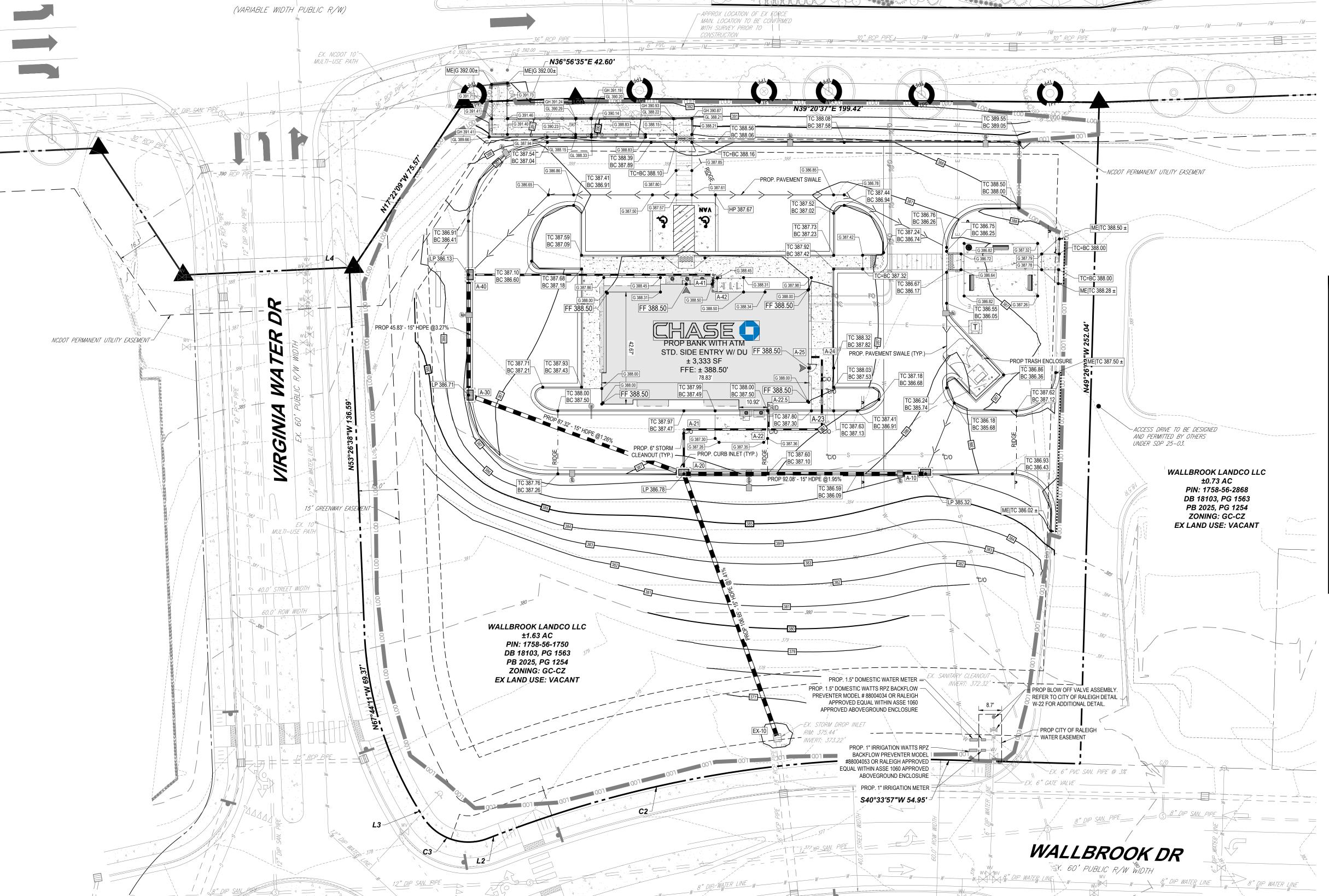
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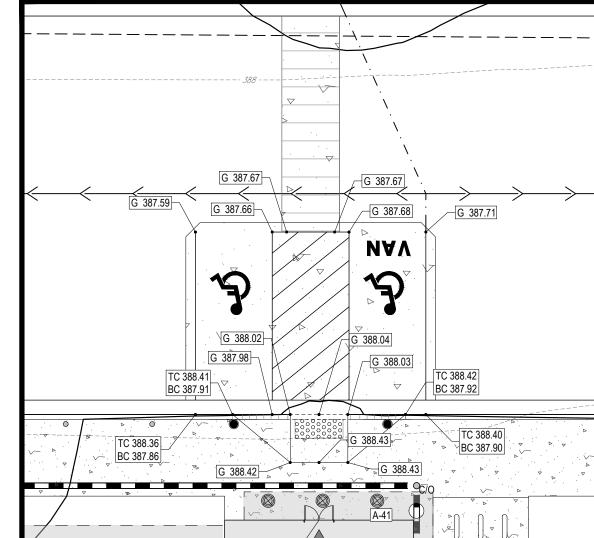
GRADING PLAN

SHEET NUMBER:

C-401

REVISION 4 - 11/12/25





PROP. ADA AREA ENLARGEMENT

1"= 10'

THIS PLAN TO BE UTILIZED FOR SITE GRADING PURPOSES ONLY



SANITARY STRUCTURE SCHEDULE					
STRUCTURE #	RIM	INV IN	INV OUT	DESCRIPTION	
A-10	380.00	INV IN = 372.32' (6")		PROP. CONNECTION TO EX. SAN. CLEANOUT	
A-20	381.33	INV IN = 375.34' (6")	INV OUT = 375.34 (6")	PROP. 6" SAN. CLEANOUT	
A-30	385.66	INV IN = 378.71' (6")	INV OUT = 378.71 (6")	PROP. 6" SAN. CLEANOUT	
A-40	386.65	INV IN = 381.78' (6")	INV OUT = 381.78 (6")	PROP. 6" SAN. CLEANOUT	
A-50	388.07	INV IN = 383.51' (6")	INV OUT = 383.51 (6")	PROP. 6" SAN. CLEANOUT	
A-60			INV OUT = 384.00 (6")	PROP. SANITARY SEWER BUILDING CONNECTION	

		SANITARY PIPE SCHEDULE						
OUT	FROM	FROM INV	то	TO INV	PIPE LENGTH	SLOPE (%)	DIAMETER (IN.)	MATERIA
	A-10	372.32'	A-20	375.34'	43'	6.94%	6"	PVC Pipe
	A-20	375.34'	A-30	378.71'	49'	6.94%	6"	PVC Pipe
	A-30	378.71'	A-40	381.78'	44'	6.94%	6"	PVC Pipe
	A-40	381.78'	A-50	383.51'	25'	6.94%	6"	PVC Pipe
CTION	A-50	383.51'	A-60	384.00'	7'	6.94%	6"	PVC Pipe

REVISIONS

REV	DATE	COMMENT	DRAWN BY
KEV	DATE	COMMENT	CHECKED B
1	7/4/04	TRC COMMENTS	CJAC
'	7/1/24	TRC COMMENTS	OAK
2	9/2/25	TRC COMMENTS	RS/CC
	9/2/23	TRO COMMENTS	OAK
3	10/2/25	TRC COMMENTS	RS/CC
3	10/2/23	TRC COMMENTS	OAK
4	4 11/12/25 TRC COMMENTS		RBS
	11/12/23	TIC COMMENTS	OAK
	1		1



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P-CIVL-UTIL

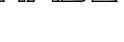
PROJECT:

CAD I.D.:

SITE DEVELOPMENT

PLANS

CHASE



PROPOSED DEVELOPMENT

735 S MAIN ST **ROLESVILLE, NC 27571 WAKE COUNTY**



4130 PARKLAKE AVENUE, SUITE 20 RALEIGH, NC 27612 Phone: (919) 578-9000

NC@BohlerEng.com



SHEET TITLE:

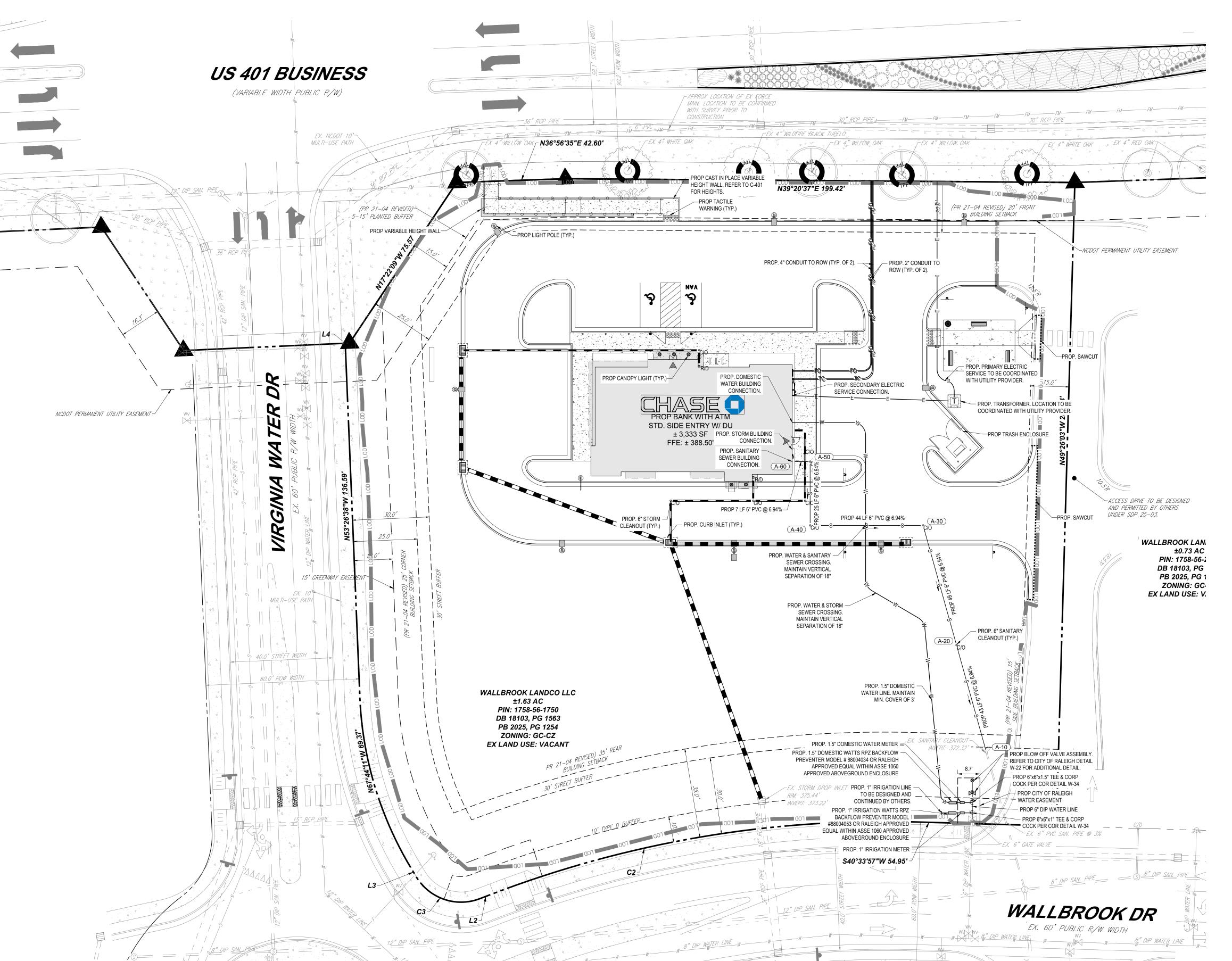
UTILITY PLAN

THIS PLAN TO BE UTILIZED FOR **UTILITIES PURPOSES ONLY**

SCALE: 1" = 20'

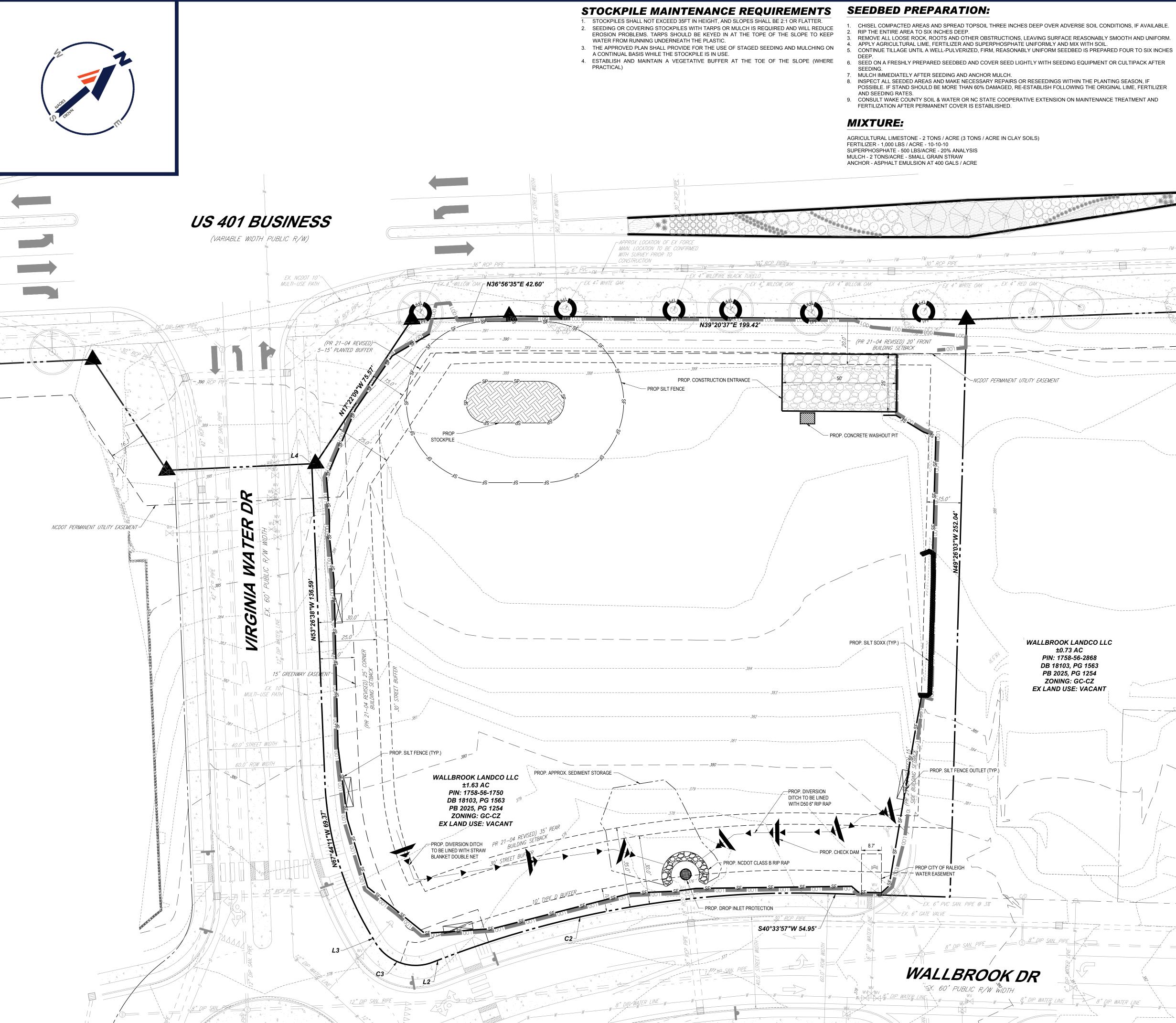
C-501

REVISION 4 - 11/12/25



CITY OF RALEIGH STANDARD UTILITY NOTES:

- 1. ALL MATERIALS & CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH CITY OF RALEIGH DESIGN STANDARDS, DETAILS & SPECIFICATIONS (REFERENCE: CORPUD HANDBOOK, CURRENT EDITION)
- 2. UTILITY SEPARATION REQUIREMENTS: 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. 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 2.3. 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 5.0' MINIMUM HORIZONTAL SEPARATION IS REQUIRED BETWEEN ALL SANITARY SEWER & STORM SEWER FACILITIES, UNLESS DIP MATERIAL IS SPECIFIED FOR SANITARY SEWER
- 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
- ALL OTHER UNDERGROUND UTILITIES SHALL CROSS WATER & SEWER FACILITIES WITH 18" MIN. VERTICAL SEPARATION REQUIRED. 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. 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.
- 5. 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.
- 6. 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
- 7. 3.0' MINIMUM COVER IS REQUIRED ON ALL WATER MAINS & SEWER FORCE MAINS. 4.0' MINIMUM COVER IS REQUIRED ON ALL
- 8. 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.
- 9. INSTALL 1.5" 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
- 10. INSTALL 6" PVC* SEWER SERVICES @ 1.0% MINIMUM GRADE WITH CLEANOUTS LOCATED AT ROW OR EASEMENT LINE & SPACED EVERY 75 LINEAR FEET MAXIMUM. 11. 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
- 12. 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.
- 13. NCDOT / RAILROAD ENCROACHMENT AGREEMENTS ARE REQUIRED FOR ANY UTILITY WORK (INCLUDING MAIN EXTENSIONS & SERVICE TAPS) WITHIN STATE OR RAILROAD ROW PRIOR TO CONSTRUCTION. 14. 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. 15. 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. 16. THE DEVICES SHALL MEET THE AMERICAN SOCIETY OF SANITARY ENGINEERING (SAAE) STANDARDS AND BE ON THE UNIVERSITY OF SOUTHERN CALIFORNIA APPROVAL LIST.
- 17. THE DEVICE AND INSTALLATION SHALL MEET THE GUIDELINES OF APPENDIX A GUIDELINES AND REQUIREMENTS FOR THE CROSS CONNECTION PROGRAM IN RALEIGH'S SERVICE AREA.
- 18. 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. 19. NOTICE FOR PROJECTS THAT INVOLVE AN OVERSIZED MAIN OR URBAN MAIN REPLACEMENT. ANY CITY REIMBURSEMENT GREATER THAN \$250,000.00 MUST UNDERGO THE PUBLIC BIDDING PROCESS.



PHASE I E&SC CONSTRUCTION SEQUENCE:

SCHEDULE A PRE CONSTRUCTION CONFERENCE WITH ENVIRONMENTAL CONSULTANT WITH

WAKE COUNTY. OBTAIN A LAND DISTURBING PERMIT.

- POST REQUIRED DOCUMENTS NEAR THE PLANNED CONSTRUCTION ENTRANCE/EXIT, AND
- WITHIN EASY ACCESS TO THE GENERAL PUBLIC WITHOUT ENTERING THE SITE.
- PRIOR TO ANY CLEARING OR INSTALLATION OF EROSION CONTROL DEVICES, CONTRACTOR SHALL STAKE/FLAG THE LOD (WHERE STAKING IS NOT POSSIBLE/PRACTIAL, THE LOD MUST BE CONSPICUOUSLY AND PROMINENTLY MARKED TO DENOTE THE BOUNDARY). LOD MUST REMAIN CONSPICUOUSLY MARKED THROUGHOUT THE ENTIRE CONSTRUCTION PROJECT. NO DISTURBANCE IS TO TAKE PLACE BEYOND THE LOD.
- INSTALL GRAVEL CONSTRUCTION ENTRANCE AND CONCRETE WASHOUT AREA.
- INSTALL SILT FENCE, SILT SOXX, AND SILT FENCE OUTLETS AS SHOWN AROUND THE SITE. CLEAR THE MINIMUM AMOUNT NECESSARY TO INSTALL THE SILT FENCE. CONTRACTOR MAY REUSE EXISTING SILT FENCE ON SITE IN AREAS WHERE EXISTING AND PROPOSED OVERLAP IF EXISTING SILT FENCE MEETS SCDHEC EROSION CONTROL STANDARDS.
- CONTACT ENVIRONMENTAL CONSULTANT FOR AN ONSITE INSPECTION BY THE ENVIRONMENTAL CONSULTANT TO OBTAIN A CERTIFICATE OF COMPLIANCE PRIOR TO PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING.
- UPON APPROVAL FROM THE SEDIMENT CONTROL INSPECTOR, BEGIN STRIPPING THE SITE (COMPLETE CLEARING AND GRUBBING TO THE EXTENT PRACTICAL TO MINIMIZE THE AMOUNT OF AREA DISTURBED AT ANY POINT IN TIME.)
- TEMPORARILY STABILIZE, THROUGHOUT CONSTRUCTION IMMEDIATELY FOLLOWING THE COMPLETION OF THE MOST RECENT LAND DISTURBANCE/GRADING ACTIVITY, ANY DISTURBED AREAS, INCLUDING MATERIAL STOCKPILES THAT ARE SCHEDULED OR LIKELY TO REMAIN INACTIVE FOR 7 DAYS OR MORE.

THE ESTIMATED DATE OF IMPLEMENTATION OF POLLUTION CONTROL MEASURES SHALL BE DOCUMENTED BY THE CONTRACTOR

NOTE: THE GENERAL CONTRACTOR MAY COMPLETE CONSTRUCTION-RELATED ACTIVITIES CONCURRENTLY, ONLY IF ALL PRECEDING BMPS AND STABILIZATION ACTIVITIES HAVE BEEN COMPLETELY INSTALLED. THE EOR MUST APPROVE, IN WRITING, ANY CHANGES IN THE ABOVE IMPLEMENTATION SEQUENCE, BEFORE THEIR IMPLEMENTATION BEGINS.

NEW STABILIZAT	ION TIMEFRAMES (EFFECT	IVE AUG. 3, 2011)
SITE AREA DESCRIPTION	STABILIZATION	TIMEFRAME EXCEPTIONS
PERIMETER DIKES, SWALES, DITCHES, SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HQW) ZONES	7 DAYS	NONE
SLOPE 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 TO 4:1	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH AND WITH SLOPES STEEPER THAN 4:1 7 DAYS FOR PERIMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES AND HQW ZONES. 10 DAYS FOR FALLS LAKE WATERSHED.
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE, EXCEPT FOR PERIMETERS AND HQW ZONES

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

	SEEDING SCHEDULE		
FOR SHOULDERS, SIDE DITCHES, SLOPES (MAX 3:1)			
DATE	TYPE	PLANTING RATE	
AUG 15 - NOV 1	TALL FESCUE	300 LBS / ACRE	
NOV 1 - MAR 1	TALL FESCUE & ABRUZZI RYE	300 LBS / ACRE	
MAR 1 - APR 15	TALL FESCUE	300 LBS / ACRE	
APR 15 - JUN 30	HULLED COMMON BERMUDAGRASS	25 LBS / ACRE	
JUL 1 - AUG 15	TALL FESCUE AND BROWNTOP MILLET OR SORGHUM-SUDAN HYBRIDS**	125 LBS ACRE (TALL FESCUE); 35 LBS / ACRE (BROWNTOP MILLET); 30 LBS ACRE (SORGHUM-SUDAN HYBRIDS)	
FOR SHOULDERS, SIDE DITCHES, SLOPES (3:1 TO 2:1);			
DATE	TYPE	PLANTING RATE	
MAR 1 - JUN 1	SERICEA LESPEDEZA (SCARIFIED) AND USE THE FOLLOWING COMBINATIONS	50 LBS / ACRE (SERICEA LESPEDEZA);	
MAR 1 - APR 15	ADD TALL FESCUE	120 LBS / ACRE	
MAR 1 - JUN 30	OR ADD WEEPING LOVE GRASS	10 LBS / ACRE	
MAR 1 - JUN 30	OR ADD HULLED COMMON BERMUDAGRASS	25 LBS / ACRE	
JUN 1 - SEPT 1	TALL FESCUE AND BROWNTOP MILLET OR SORGHUM-SUDAN HYBRIDS	120 LBS / ACRE (TALL FESCUE); 35 LBS / ACRE (BROWNTOP MILLET); 30 LBS / ACRE (SORGHUM-SUDAN HYBRIDS)	
SEPT 1 - MAR 1	SERICEA LESPEDEZA (UNHULLED - UNSCARIFIED) AND TALL FESCUE	70 LBS / ACRE (SERICEA LESPEDEZA); 120 LBS / ACRE (TALL FESCUE)	

CONSULT WAKE COUNTY SOIL & WATER CONSERVATION DISTRICT OR NC STATE COOPERATIVE EXTENSION FOR ADDITIONAL INFORMATION CONCERNING OTHER ALTERNATIVES FOR VEGETATION OF DENUDED AREAS. THE ABOVE VEGETATION RATES ARE THOSE THAT DO WELL UNDER LOCAL CONDITIONS; OTHER SEEDING

AND ABRUZZI RYE

NOV 1 - MAR 1

***TEMPORARY: RESEED ACCORDING TO OPTIMUM SEASON FOR DESIRED PERMANENT VEGETATION. DO NOT ALLOW TEMPORARY COVER TO GROW MORE HAN 12" IN HEIGHT BEFORE MOWING; OTHERWISE, FESCUE MAY BE SHADED OUT.

LOD = 1.47 AC

THIS PLAN TO BE UTILIZED FOR SOIL EROSION AND SEDIMENT CONTROL **PURPOSES ONLY**

REVISIONS REV DATE COMMENT

		001111112111	CHECKED BY
1	7/1/24	TRC COMMENTS	CJAC
ı	1/1/24	TRC COMMINICIATS	OAK
2	9/2/25	TRC COMMENTS	RS/CC
	9/2/25 11(0 00)()()(11)	OAK	
3	10/2/25	TRC COMMENTS	RS/CC
<u> </u>	10/2/23	TIC COMMINICIATO	OAK
4	11/12/25	TRC COMMENTS	RBS
4 11/12/25 TRC COMMENT	TRC COMMINICIATS	OAK	



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P-CIVL-EROS

DRAWN BY: **CHECKED BY:**

SITE DEVELOPMENT **PLANS**



DEVELOPMENT

735 S MAIN ST **ROLESVILLE, NC 27571 WAKE COUNTY**



4130 PARKLAKE AVENUE, SUITE 20 RALEIGH, NC 27612 Phone: (919) 578-9000

NC@BohlerEng.com



EROSION AND SEDIMENT **CONTROL PLAN** PHASE 1

C-801



STOCKPILE MAINTENANCE REQUIREMENTS

- 1. STOCKPILES SHALL NOT EXCEED 35FT IN HEIGHT, AND SLOPES SHALL BE 2:1 OR FLATTER. SEEDING OR COVERING STOCKPILES WITH TARPS OR MULCH IS REQUIRED AND WILL REDUCE EROSION PROBLEMS. TARPS SHOULD BE KEYED IN AT THE TOPE OF THE SLOPE TO KEEP WATER FROM RUNNING UNDERNEATH THE PLASTIC.
- 3. THE APPROVED PLAN SHALL PROVIDE FOR THE USE OF STAGED SEEDING AND MULCHING ON A CONTINUAL BASIS WHILE THE STOCKPILE IS IN USE.
- 4. ESTABLISH AND MAINTAIN A VEGETATIVE BUFFER AT THE TOE OF THE SLOPE (WHERE PRACTICAL)

SEEDBED PREPARATION:

- . CHISEL COMPACTED AREAS AND SPREAD TOPSOIL THREE INCHES DEEP OVER ADVERSE SOIL CONDITIONS, IF AVAILABLE. RIP THE ENTIRE AREA TO SIX INCHES DEEP. 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.
 5. CONTINUE TILLAGE UNTIL A WELL-PULVERIZED, FIRM, REASONABLY UNIFORM SEEDBED IS PREPARED FOUR TO SIX INCHES
- SEED ON A FRESHLY PREPARED SEEDBED AND COVER SEED LIGHTLY WITH SEEDING EQUIPMENT OR CULTIPACK AFTER 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 MORE THAN 60% DAMAGED, RE-ESTABLISH FOLLOWING THE ORIGINAL LIME, FERTILIZER
- 9. CONSULT WAKE COUNTY SOIL & WATER OR NC STATE COOPERATIVE EXTENSION ON MAINTENANCE TREATMENT AND
- FERTILIZATION AFTER PERMANENT COVER IS ESTABLISHED.

MIXTURE:

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 AT 400 GALS / ACRE

PHASE II E&SC CONSTRUCTION SEQUENCE:

- CONTINUE CLEARING, GRUBBING, AND STRIPPING SITE. (PHASE CLEARING AND GRUBBING TO THE EXTENT PRACTICAL TO MINIMIZE THE AMOUNT OF AREA DISTURBED AT ANY POINT IN TIME)
- CONTINUE GRADING THE SITE, ADJUST TEMPORARY DIVERSION DIKES, CHANNELS, AND OTHER BMPS AS GRADES ARE ADJUSTED.
- TEMPORARY STABILIZE CONSTRUCTION IMMEDIATELY FOLLOWING THE COMPLETION OF THE MOST RECENT LAND DISTURBING/GRADING ACTIVITY, ANY DISTURBED AREAS, INCLUDING MATERIAL STOCKPILES THAT ARE SCHEDULED OR LIKELY TO REMAIN INACTIVE FOR 7 DAYS OR
 - 4. INSTALL UTILITIES.
 - INSTALL INLET PROTECTION DEVICES AS STORM INLETS ARE INSTALLED.
- TEMPORARILY STABILIZE, THROUGHOUT CONSTRUCTION IMMEDIATELY FOLLOWING THE COMPLETION OF THE MOST RECENT LAND DISTURBANCE/GRADING ACTIVITY, ANY DISTURBED AREAS, INCLUDING MATERIAL STOCKPILES THAT ARE SCHEDULED OR LIKELY TO REMAIN INACTIVE FOR 7 DAYS OR MORE..

THE ESTIMATED DATE OF IMPLEMENTATION OF POLLUTION CONTROL MEASURES SHALL BE DOCUMENTED BY THE CONTRACTOR

NOTE: THE GENERAL CONTRACTOR MAY COMPLETE CONSTRUCTION-RELATED ACTIVITIES CONCURRENTLY, ONLY IF ALL PRECEDING BMPs AND STABILIZATION ACTIVITIES HAVE BEEN COMPLETELY INSTALLED. THE EOR MUST APPROVE, IN WRITING, ANY CHANGES IN THE ABOVE IMPLEMENTATION SEQUENCE, BEFORE THEIR IMPLEMENTATION BEGINS.

	- '	, - ,
SITE AREA DESCRIPTION	STABILIZATION	TIMEFRAME EXCEPTIONS
PERIMETER DIKES, SWALES, DITCHES, SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HQW) ZONES	7 DAYS	NONE
SLOPE 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 TO 4:1	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH AND WITH SLOPES STEEPER THAN 4:1 7 DAYS FOR PERIMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES AND HQW ZONES. 10 DAYS FOR FALLS LAKE WATERSHED.
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE, EXCEPT FOR PERIMETERS AND HQW ZONES

NEW STABILIZATION TIMEFRAMES (EFFECTIVE AUG. 3, 2011)

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.

NOTE: AFTER THE PERMANENT CESSATION OF CONSTRUCTION ACTIVITIES,

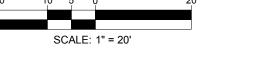
	SEEDING SCHEDULE		
FOR SHOULDERS, SIDE DITCHES, SLOPES (MAX 3:1)			
DATE	TYPE	PLANTING RATE	
AUG 15 - NOV 1	TALL FESCUE	300 LBS / ACRE	
NOV 1 - MAR 1	TALL FESCUE & ABRUZZI RYE	300 LBS / ACRE	
MAR 1 - APR 15	TALL FESCUE	300 LBS / ACRE	
APR 15 - JUN 30	HULLED COMMON BERMUDAGRASS	25 LBS / ACRE	
JUL 1 - AUG 15	TALL FESCUE AND BROWNTOP MILLET OR SORGHUM-SUDAN HYBRIDS**	125 LBS ACRE (TALL FESCUE); 35 LBS / ACRE (BROWNTOP MILLET); 30 LBS ACRE (SORGHUM-SUDAN HYBRIDS)	
FOR SHOULD	DERS, SIDE DITCHES, SLOPE	S (3:1 TO 2:1);	
DATE	TYPE	PLANTING RATE	
MAR 1 - JUN 1	SERICEA LESPEDEZA (SCARIFIED) AND USE THE FOLLOWING COMBINATIONS	50 LBS / ACRE (SERICEA LESPEDEZA);	
MAR 1 - APR 15	ADD TALL FESCUE	120 LBS / ACRE	
MAR 1 - JUN 30	OR ADD WEEPING LOVE GRASS	10 LBS / ACRE	
MAR 1 - JUN 30	OR ADD HULLED COMMON BERMUDAGRASS	25 LBS / ACRE	
JUN 1 - SEPT 1	TALL FESCUE AND BROWNTOP MILLET OR SORGHUM-SUDAN HYBRIDS	120 LBS / ACRE (TALL FESCUE); 35 LBS / ACRE (BROWNTOP MILLET); 30 LBS / ACRE (SORGHUM-SUDAN HYBRIDS)	
SEPT 1 - MAR 1	SERICEA LESPEDEZA (UNHULLED - UNSCARIFIED) AND TALL FESCUE	70 LBS / ACRE (SERICEA LESPEDEZA); 120 LBS / ACRE (TALL FESCUE)	
NOV 1 - MAR 1	AND ABRUZZI RYE	25 LB / ACRE	

CONSULT WAKE COUNTY SOIL & WATER CONSERVATION DISTRICT OR NC STATE COOPERATIVE EXTENSION FOR ADDITIONAL INFORMATION CONCERNING OTHER ALTERNATIVES FOR VEGETATION OF DENUDED AREAS. THE ABOVE VEGETATION RATES ARE THOSE THAT DO WELL UNDER LOCAL CONDITIONS; OTHER SEEDING RATE COMBINATIONS ARE POSSIBLE.

***TEMPORARY: RESEED ACCORDING TO OPTIMUM SEASON FOR DESIRED PERMANENT VEGETATION. DO NOT ALLOW TEMPORARY COVER TO GROW MORE THAN 12" IN HEIGHT BEFORE MOWING; OTHERWISE, FESCUE MAY BE SHADED OUT.

LOD = 1.47 AC

THIS PLAN TO BE UTILIZED FOR SOIL EROSION AND SEDIMENT CONTROL **PURPOSES ONLY**



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	3/2/23	TITO GOIVIMEITTO	OAK
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SITE DEVELOPMENT **PLANS**

CHASE



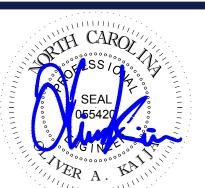
DEVELOPMENT 735 S MAIN ST **ROLESVILLE, NC 27571**

WAKE COUNTY



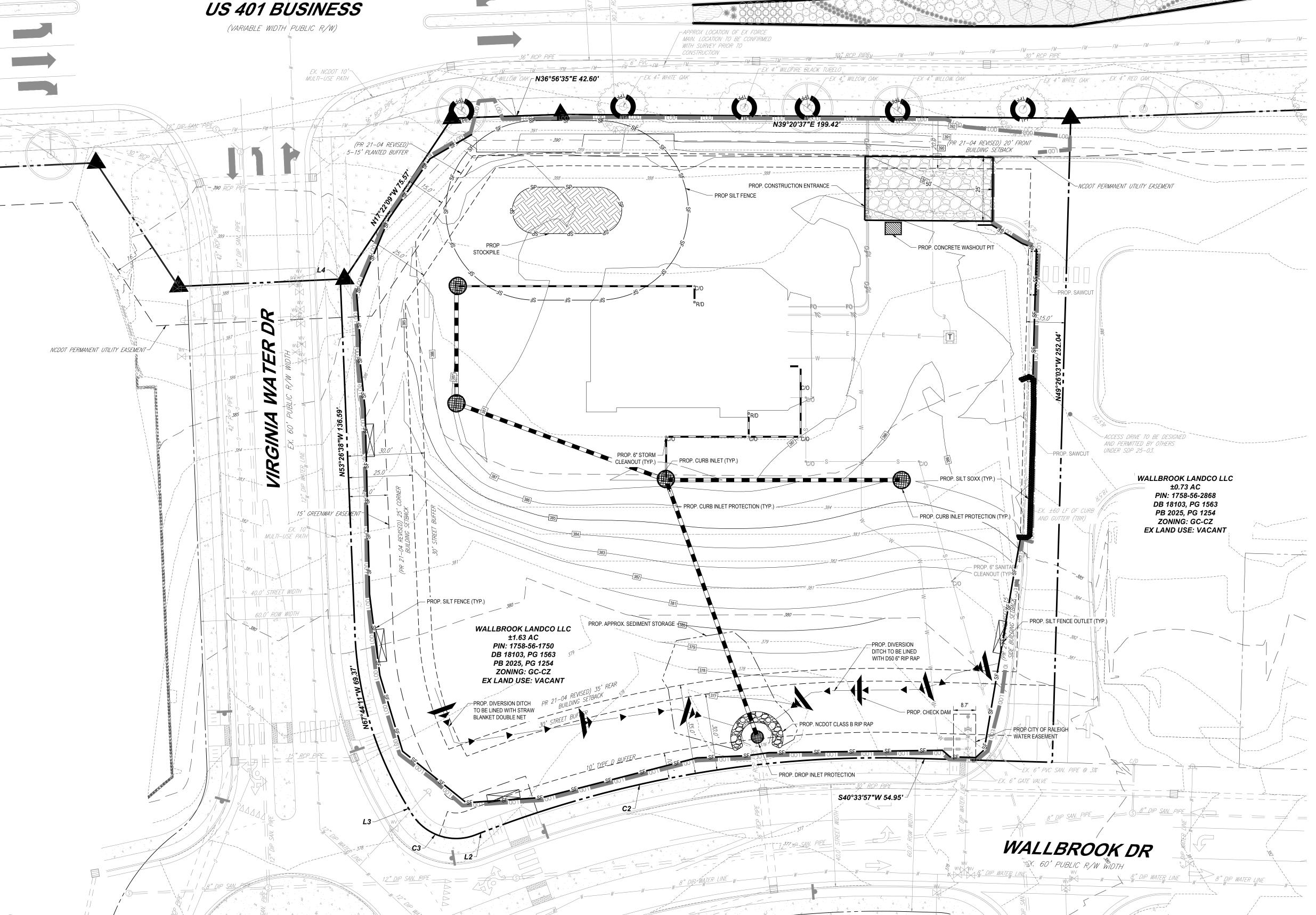
4130 PARKLAKE AVENUE, SUITE 20 RALEIGH, NC 27612

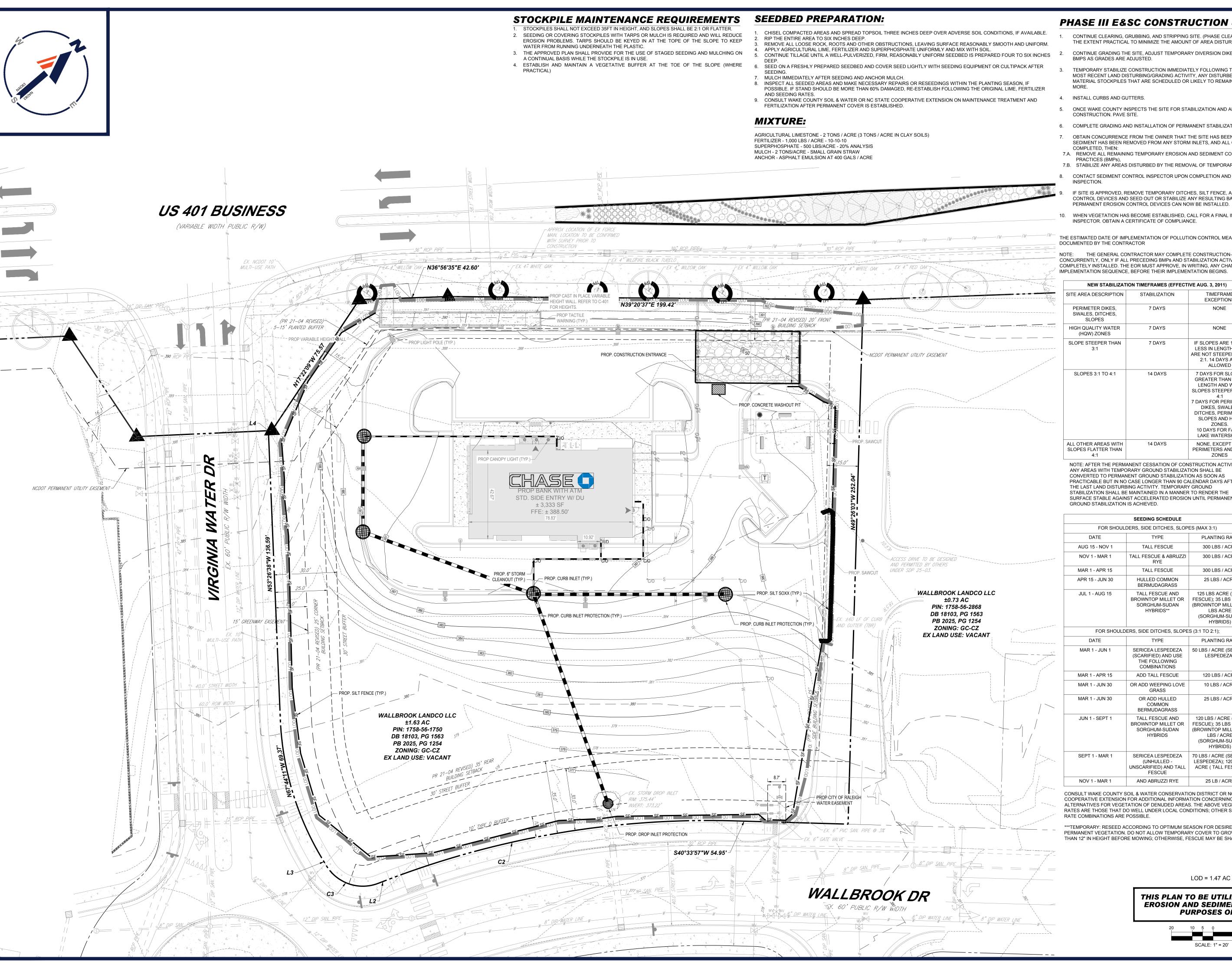
Phone: (919) 578-9000 NC@BohlerEng.com



EROSION AND SEDIMENT **CONTROL PLAN** PHASE 2

C-802





PHASE III E&SC CONSTRUCTION SEQUENCE:

- CONTINUE CLEARING, GRUBBING, AND STRIPPING SITE. (PHASE CLEARING AND GRUBBING TO THE EXTENT PRACTICAL TO MINIMIZE THE AMOUNT OF AREA DISTURBED AT ANY POINT IN TIME)
- CONTINUE GRADING THE SITE, ADJUST TEMPORARY DIVERSION DIKES, CHANNELS, AND OTHER
- BMPS AS GRADES ARE ADJUSTED. TEMPORARY STABILIZE CONSTRUCTION IMMEDIATELY FOLLOWING THE COMPLETION OF THE
- MOST RECENT LAND DISTURBING/GRADING ACTIVITY, ANY DISTURBED AREAS, INCLUDING MATERIAL STOCKPILES THAT ARE SCHEDULED OR LIKELY TO REMAIN INACTIVE FOR 7 DAYS OR
- INSTALL CURBS AND GUTTERS.
- ONCE WAKE COUNTY INSPECTS THE SITE FOR STABILIZATION AND APPROVES, CONTINUE
- 6. COMPLETE GRADING AND INSTALLATION OF PERMANENT STABILIZATION OVER ALL AREAS.
- OBTAIN CONCURRENCE FROM THE OWNER THAT THE SITE HAS BEEN FULLY STABILIZED, SEDIMENT HAS BEEN REMOVED FROM ANY STORM INLETS, AND ALL CONSTRUCTION HAS BEEN COMPLETED, THEN:
- 7.A. REMOVE ALL REMAINING TEMPORARY EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs),
- 7.B. STABILIZE ANY AREAS DISTURBED BY THE REMOVAL OF TEMPORARY BMPs. 8. CONTACT SEDIMENT CONTROL INSPECTOR UPON COMPLETION AND STABILIZATION OF SITE FOR
- IF SITE IS APPROVED, REMOVE TEMPORARY DITCHES, SILT FENCE, AND ALL OTHER EROSION CONTROL DEVICES AND SEED OUT OR STABILIZE ANY RESULTING BARE AREAS. ALL REMAINING
- 10. WHEN VEGETATION HAS BECOME ESTABLISHED, CALL FOR A FINAL INSPECTION BY THE INSPECTOR. OBTAIN A CERTIFICATE OF COMPLIANCE.

THE ESTIMATED DATE OF IMPLEMENTATION OF POLLUTION CONTROL MEASURES SHALL BE DOCUMENTED BY THE CONTRACTOR

NOTE: THE GENERAL CONTRACTOR MAY COMPLETE CONSTRUCTION-RELATED ACTIVITIES CONCURRENTLY, ONLY IF ALL PRECEDING BMPs AND STABILIZATION ACTIVITIES HAVE BEEN COMPLETELY INSTALLED. THE EOR MUST APPROVE, IN WRITING, ANY CHANGES IN THE ABOVE IMPLEMENTATION SEQUENCE, BEFORE THEIR IMPLEMENTATION BEGINS.

NEW STABILIZATION TIMEFRAMES (EFFECTIVE AUG. 3, 2011)			
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SLOPE 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 TO 4:1	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH AND WITH SLOPES STEEPER THAN 4:1 7 DAYS FOR PERIMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES AND HQW ZONES. 10 DAYS FOR FALLS LAKE WATERSHED.	
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE, EXCEPT FOR PERIMETERS AND HQW ZONES	

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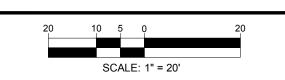
	SEEDING SCHEDULE	
FOR SHOU	LDERS, SIDE DITCHES, SLOP	ES (MAX 3:1)
DATE	TYPE	PLANTING RATE
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FOR SHOUL	DERS, SIDE DITCHES, SLOPE	S (3:1 TO 2:1);
DATE	TYPE	PLANTING RATE
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*TEMPORARY: RESEED ACCORDING TO OPTIMUM SEASON FOR DESIRED PERMANENT VEGETATION. DO NOT ALLOW TEMPORARY COVER TO GROW MORE [HAN 12" IN HEIGHT BEFORE MOWING; OTHERWISE, FESCUE MAY BE SHADED OUT.

LOD = 1.47 AC

THIS PLAN TO BE UTILIZED FOR SOIL EROSION AND SEDIMENT CONTROL **PURPOSES ONLY**



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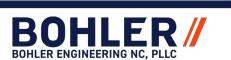
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SITE DEVELOPMENT **PLANS**



DEVELOPMENT

735 S MAIN ST **ROLESVILLE, NC 27571 WAKE COUNTY**



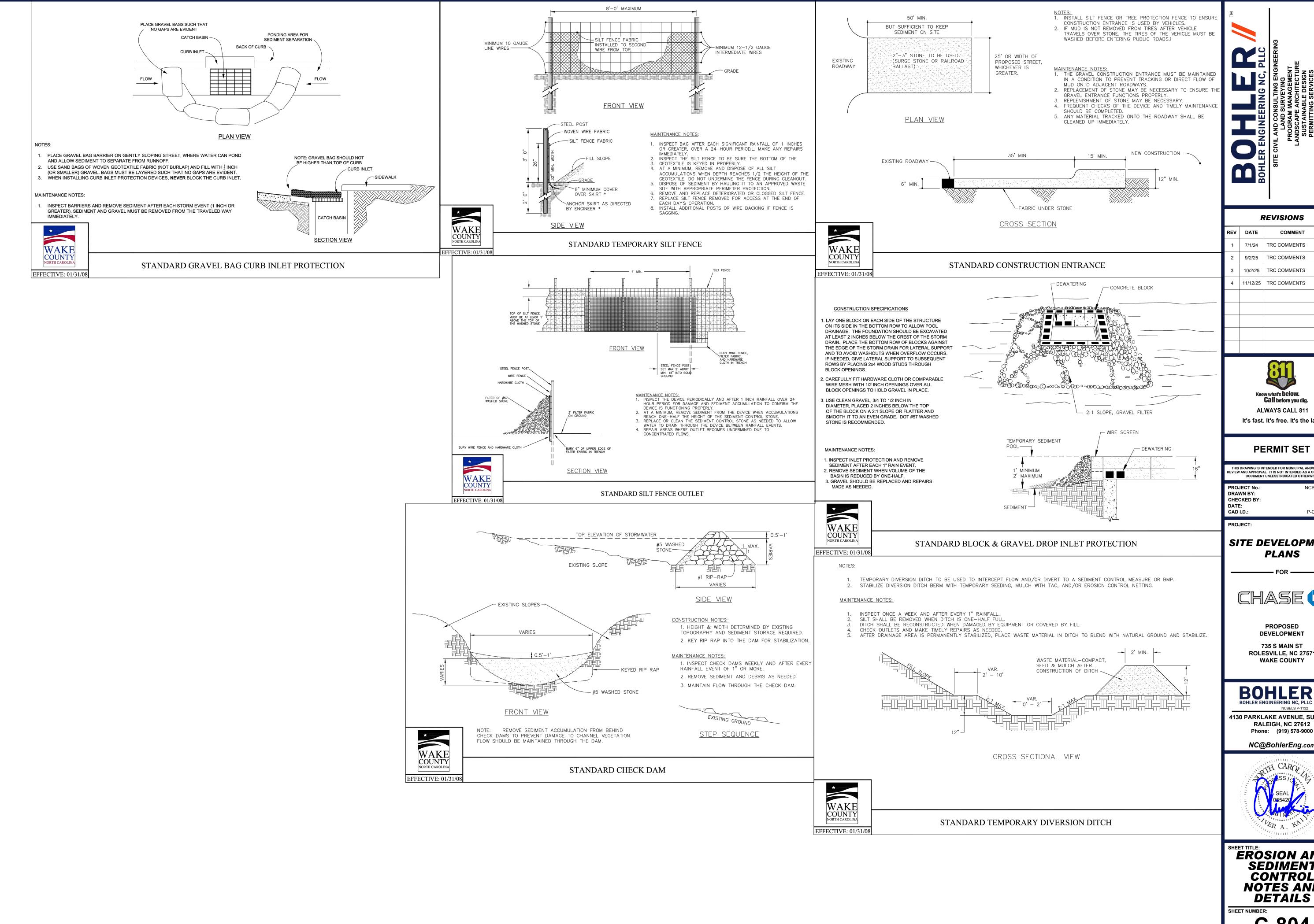
4130 PARKLAKE AVENUE, SUITE 20 RALEIGH, NC 27612 Phone: (919) 578-9000

NC@BohlerEng.com



EROSION AND SEDIMENT **CONTROL PLAN** PHASE 3

C-803



REVISIONS

COMMENT 7/1/24 TRC COMMENTS 9/2/25 TRC COMMENTS 10/2/25 TRC COMMENTS 11/12/25 TRC COMMENTS

> Call before you dig. **ALWAYS CALL 811**

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P-CIVL-CNDS

SITE DEVELOPMENT **PLANS**



PROPOSED DEVELOPMENT

735 S MAIN ST **ROLESVILLE, NC 27571**

BOHLER/

4130 PARKLAKE AVENUE, SUITE 200 RALEIGH, NC 27612

NC@BohlerEng.com



EROSION AND SEDIMENT CONTROL **NOTES AND DETAILS**

C-804

Documentation that the required ground stabilization

measures have been provided within the required timeframe or an assurance that they will be provided as

NOTE: The rain inspection resets the required 7 calendar day inspection requirement.

SELF-INSPECTION, RECORDKEEPING AND REPORTING

Self-inspections are required during normal business hours in accordance with the table

below. When adverse weather or site conditions would cause the safety of the inspection

personnel to be in jeopardy, the inspection may be delayed until the next business day on

SECTION A: SELF-INSPECTION

PART II, SECTION G, ITEM (4) DRAW DOWN OF SEDIMENT 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.

SELF-INSPECTION, RECORDKEEPING AND REPORTING

SELF-INSPECTION, RECORDKEEPING AND 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:
- 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).
- (c) Releases of hazardous substances in excess of reportable quantities under Section 311
- (d) Anticipated bypasses and unanticipated bypasses.

(Ref: 40 CFR 302.4) or G.S. 143-215.85.

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

of the Clean Water Act (Ref: 40 CFR 110.3 and 40 CFR 117.3) or Section 102 of CERCLA

2. Reporting Timeframes and Other Requirements

After a permittee becomes aware of an occurrence that must be reported, he shall contact the appropriate Division regional office within the timeframes and in accordance with the other requirements listed below. Occurrences outside normal business hours may also be reported to the Department's Environmental Emergency Center personnel at (800)

2. Additional Documentation to be Kept on Site	Occurrence	Reporting Timeframes (After Discovery) and Other Requirements
In addition to the E&SC plan documents above, the following items shall be kept on the	(a) Visible sediment	Within 24 hours, an oral or electronic notification.
site and available for inspectors at all times during normal business hours, unless the	deposition in a	Within 7 calendar days, a report that contains a description of the
Division provides a site-specific exemption based on unique site conditions that make	stream or wetland	sediment and actions taken to address the cause of the deposition.
this requirement not practical:		Division staff may waive the requirement for a written report on a
· · · · · ·		case-by-case basis.
(a) This General Permit as well as the Certificate of Coverage, after it is received.		 If the stream is named on the NC 303(d) list as impaired for sediment-
(4)		related causes, the permittee may be required to perform additional
(b) Records of inspections made during the previous twelve months. The permittee shall		monitoring, inspections or apply more stringent practices if staff
record the required observations on the Inspection Record Form provided by the		determine that additional requirements are needed to assure compliance
Division or a similar inspection form that includes all the required elements. Use of		with the federal or state impaired-waters conditions.
· · · · · · · · · · · · · · · · · · ·	(b) Oil spills and	Within 24 hours, an oral or electronic notification. The notification
electronically-available records in lieu of the required paper copies will be allowed if	release of	shall include information about the date, time, nature, volume and
shown to provide equal access and utility as the hard-copy records.	hazardous	location of the spill or release.
3. Documentation to be Retained for Three Years	substances per Item	
All data used to complete the e-NOI and all inspection records shall be maintained for a period	1(b)-(c) above	
of three years after project completion and made available upon request. [40 CFR 122.41]	(c) Anticipated	A report at least ten days before the date of the bypass, if possible.
of times years after project completion and made available apon request. [40 cf N 122.41]	bypasses [40 CFR	The report shall include an evaluation of the anticipated quality and
	122.41(m)(3)]	effect of the bypass.
CTION G, ITEM (4)	(d) Unanticipated	Within 24 hours, an oral or electronic notification.
NS FOR MAINTENANCE OR CLOSE OUT	bypasses [40 CFR	Within 7 calendar days, a report that includes an evaluation of the
	122.41(m)(3)]	quality and effect of the bypass.
	(e) Noncompliance	Within 24 hours, an oral or electronic notification.
outlet structures that withdraw water from the surface when these devices need to be drawn down	with the conditions	Within 7 calendar days, a report that contains a description of the
e to withdraw water from the surface shall be rare (for example, times with extended cold weather).	of this permit that	noncompliance, and its causes; the period of noncompliance,
iteria have been met:	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
drawal and the specific time periods or conditions in which it will occur. The non-surface withdrawal	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).
h Dart III. Section C. Itom (3)(a) and (d) of this narmit		Division staff may waive the requirement for a written report on a
h Part III, Section C, Item (2)(c) and (d) of this permit,		case-by-case basis.



NCG01 SELF-INSPECTION, RECORDKEEPING AND REPORTING

EFFECTIVE: 04/01/19

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

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			
Site 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	-7 days for slopes greater than 50' in length and with slopes steeper than 4:1 -7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones -10 days for Falls Lake Watershed
(e)	Areas with slopes flatter than 4:1	14	-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 Permanent Stabilization Temporary grass seed covered with straw or
 Permanent grass seed covered with straw or other mulches and tackifiers other mulches and tackifiers Hvdroseeding
- Rolled erosion control products with or without temporary grass seed Hydroseeding Shrubs or other permanent plantings covered
- Appropriately applied straw or other mulch
- Geotextile fabrics such as permanent soil

retaining walls

- reinforcement matting
 - Uniform and evenly distributed ground cover sufficient to restrain erosion

• Structural methods such as concrete, asphalt or

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
- PAMS/Flocculants and in accordance with the manufacturer's instructions. Provide ponding area for containment of treated Stormwater before discharging
- Store flocculants in leak-proof containers that are kept under storm-resistant cover or surrounded by secondary containment structures.

EQUIPMENT AND VEHICLE MAINTENANCE

- 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 4. Collect all spent fluids, store in separate containers and properly dispose as

The approved E&SC plan as well as any approved deviation shall be kept on the site. The

The following items pertaining to the E&SC plan shall be kept on site and available for

(a) Each E&SC measure has been installed | Initial and date each E&SC measure on a copy

and does not significantly deviate from the _____ of the approved F&SC plan or complete, date

locations, dimensions and relative elevations | and sign an inspection report that lists each

(b) A phase of grading has been completed. Initial and date a copy of the approved E&SC

inspection at all times during normal business hours.

Item to Document

shown on the approved E&SC plan.

(c) Ground cover is located and installed

in accordance with the approved E&SC

(d) The maintenance and repair

have been performed.

to E&SC measures.

requirements for all E&SC measures

(e) Corrective actions have been taken

approved E&SC plan must be kept up-to-date throughout the coverage under this permit.

Documentation Requirements

E&SC measure shown on the approved E&SC

initial installation of the E&SC measures or if

the E&SC measures are modified after initial

plan or complete, date and sign an inspection

Initial and date a copy of the approved E&SC

plan or complete, date and sign an inspection

report to indicate compliance with approved

Complete, date and sign an inspection report.

Initial and date a copy of the approved E&SC

report to indicate the completion of the

plan or complete, date and sign an inspection

report to indicate completion of the

construction phase

corrective action.

ground cover specifications

plan. This documentation is required upon the

- 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 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.
- 6. Anchor all lightweight items in waste containers during times of high winds. 7. Empty waste containers as needed to prevent overflow. Clean up immediately if containers overflow.
- 8. Dispose waste off-site at an approved disposal facility. 9. On business days, clean up and dispose of waste in designated waste containers.

PAINT AND OTHER LIQUID WASTI

- 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.
- . Containment must be labeled, sized and placed appropriately for the needs of site.

Prevent the discharge of soaps, solvents, detergents and other liquid wastes from construction sites.

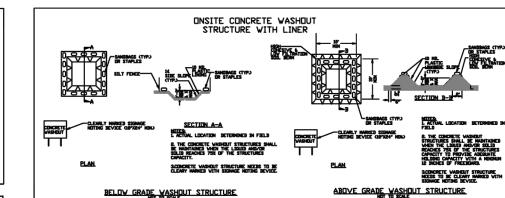
PORTABLE TOILETS

- 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.
- Provide staking or anchoring of portable toilets during periods of high winds or in high
- 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 with properly operating unit.

EARTHEN STOCKPILE MANAGEMENT

- 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
- 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 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.





CONCRETE WASHOUTS

- 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 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. 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. 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.
- 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. 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
- Store herbicides, pesticides and rodenticides in their original containers with the label, which lists directions for use, ingredients and first aid steps in case of accidental poisoning.
- 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. Do not stockpile these materials onsite.

- Create designated hazardous waste collection areas on-site.
- Place hazardous waste containers under cover or in secondary containment. 3. Do not store hazardous chemicals, drums or bagged materials directly on the ground.

NCG01 GROUND STABILIZATION AND MATERIALS HANDLING

EFFECTIVE: 04/01/19



	REVISIONS		
REV	DATE	COMMENT	DRAWN BY
1	7/1/24	TRC COMMENTS	CJAC
2	9/2/25	TRC COMMENTS	RS/CC OAK
3	10/2/25	TRC COMMENTS	RS/CC OAK
4	11/12/25	TRC COMMENTS	RBS
			OAK



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DRAWN BY: RS/JE/CC CAD I.D.: P-CIVL-CNDS

PROJECT:

SITE DEVELOPMENT

PLANS



DEVELOPMENT

735 S MAIN ST **ROLESVILLE, NC 27571 WAKE COUNTY**



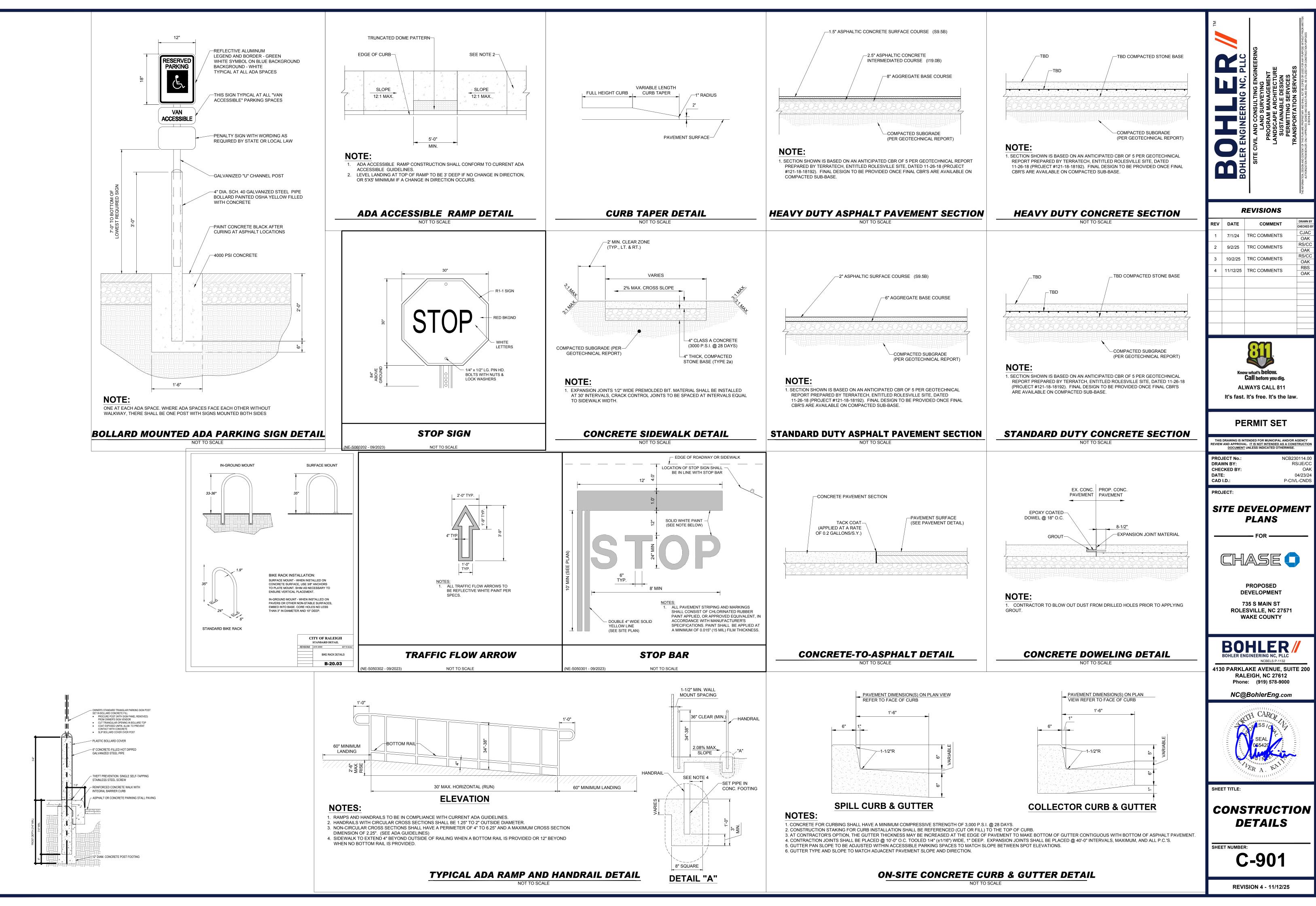
4130 PARKLAKE AVENUE, SUITE 20 RALEIGH, NC 27612 Phone: (919) 578-9000

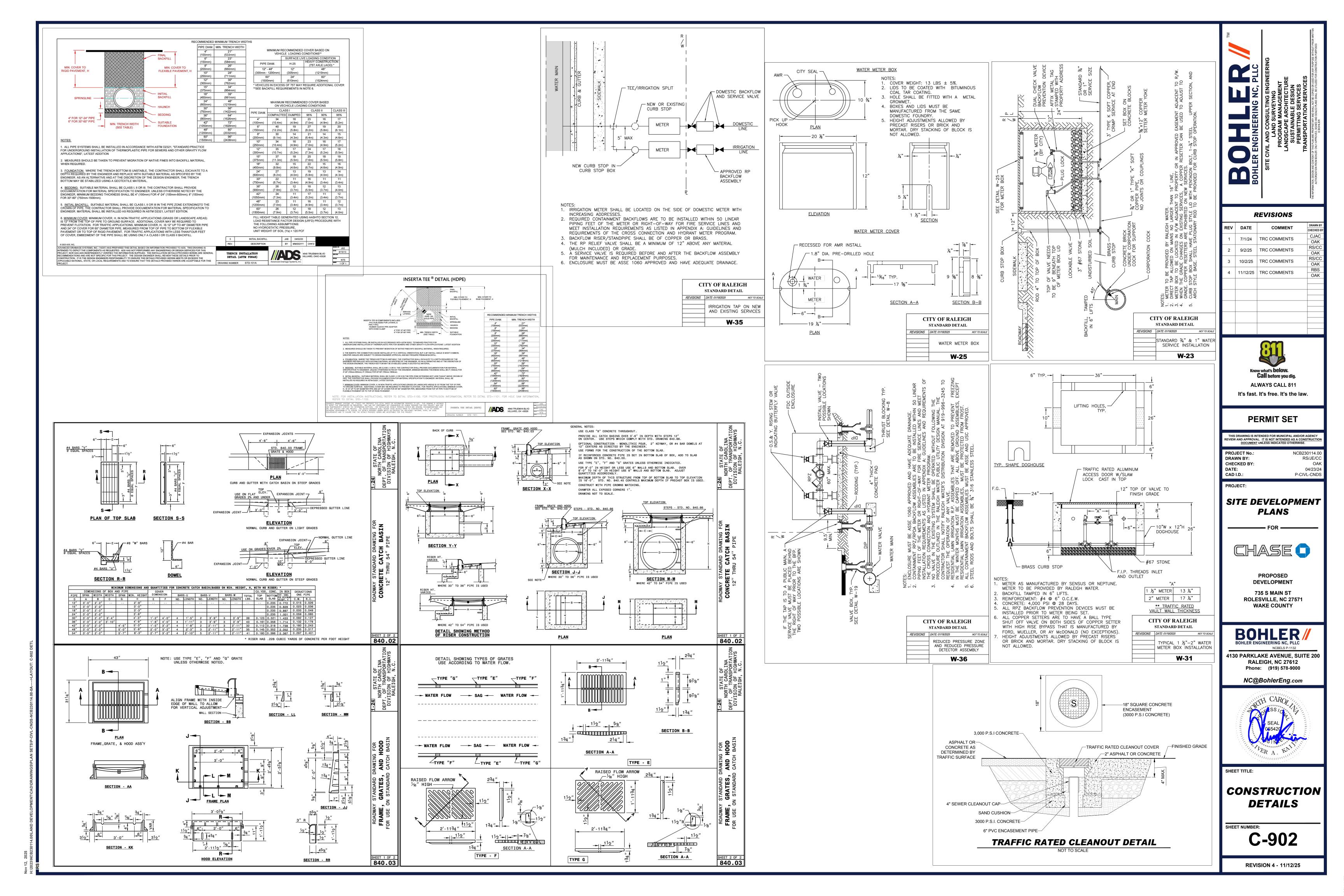
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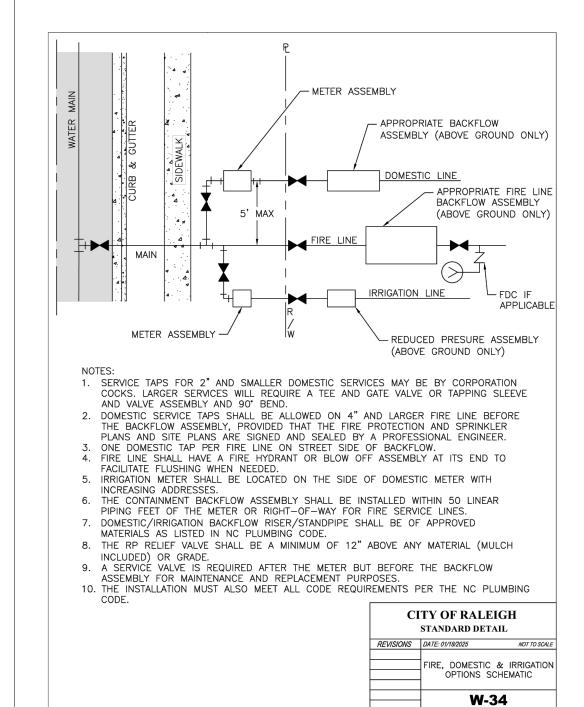


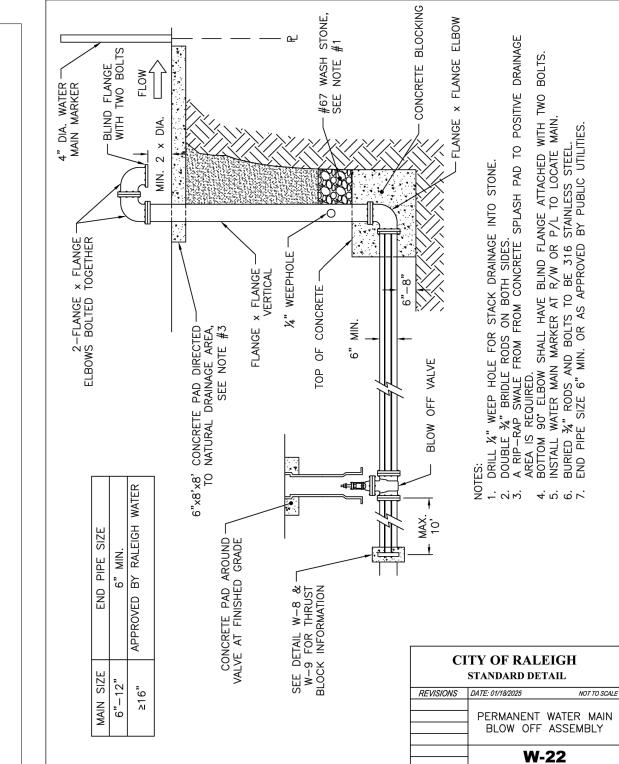
EROSION AND SEDIMENT CONTROL **NOTES AND DETAILS**

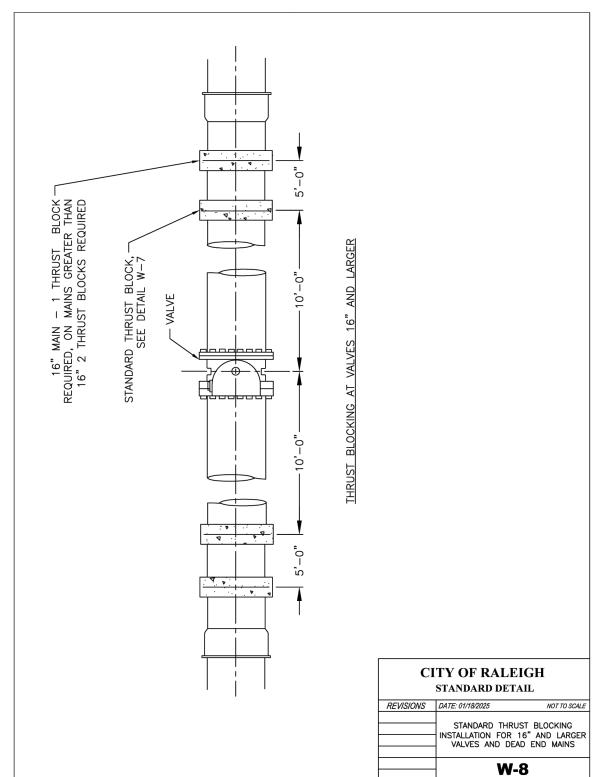
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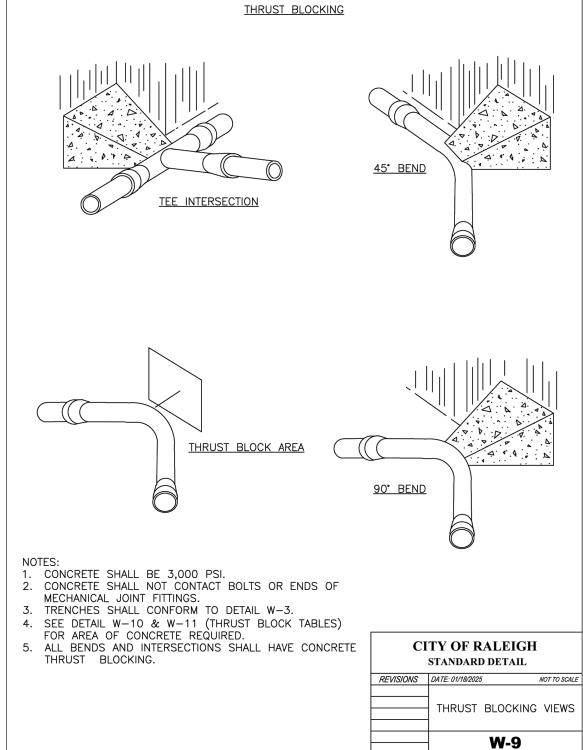














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REV	DATE	COMMENT	DRAWN BY CHECKED BY
1	7/1/24	TRC COMMENTS	CJAC OAK
2	9/2/25	TRC COMMENTS	RS/CC OAK
3	10/2/25	TRC COMMENTS	RS/CC OAK
4	11/12/25	TRC COMMENTS	RBS OAK



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DATE:	04/23/24
CAD I.D.:	P-CIVL-CNDS

PROJECT:

SITE DEVELOPMENT PLANS

FOR —



DEVELOPMENT

735 S MAIN ST

ROLESVILLE, NC 27571

WAKE COUNTY



4130 PARKLAKE AVENUE, SUITE 200
RALEIGH, NC 27612

Phone: (919) 578-9000

NC@BohlerEng.com



SHEET TITLE:

CONSTRUCTION DETAILS

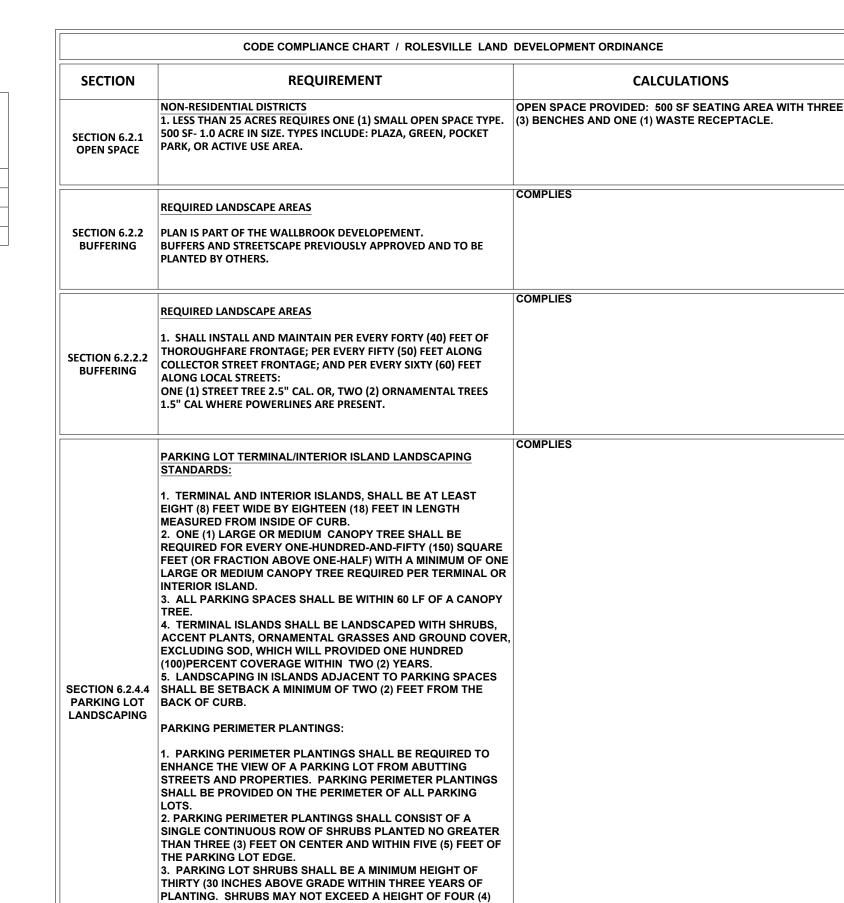
HEET NUMBER:

C-903



TABLE 6.2.4.3 MINIMUM / MAXIMUM PERCENTAGE

TOTAL TREES PLANTED ON SITE	MINIMUM NUMBER OF GENERA REQUIRED	MAXIMUM PERCENTAGE OF ANY GENERA
20 OR LESS	1	N/A
21-50	2	60%
51-100	3	50%
101 OR MORE	4	40%



FEET AND SHALL BE PRUNED AND MAINTAINED.

ADJACENT PROPERTIES AND RIGHT-OF-WAY.

1. PLANTS SHALL BE NATIVE OR LOCALLY ADAPTIVE SPECIES.

SECTION 6.2.4.6

SERVICE AREA SCREENING

1. SERVICE AREAS AND EQUIPMENT SHALL BE SCREENED FROM COMPLIES

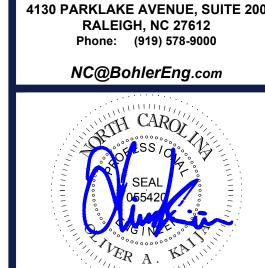
AL DECIDOUS SINDERSTORT TREE. 2 CAL., 6 MINIMUM HEIGHT AND ATTAIN A MATURE HEIGHT OF 15' AND 15' SPREAD. 5. EVERGREEN SHRUBS: 24" MINIMUM HEIGHT 6. DECIDOUS SHRUBS: 18" MINIMUM HEIGHT 7. ORNAMENTAL GRASSES: 2 GAL. MINIMUM 8. GROUND COVER: 1 GAL. MINIMUM	PROJECT: SITE DEVELOPN	-CIVL-LLGT
5. EVERGREEN SHRUBS: 24" MINIMUM HEIGHT	DRAWN BY: CHECKED BY: DATE: CAD I.D.:	B230114.00 RS/JE/CC OAK 04/23/24 -CIVL-LLGT

THIS PLAN TO BE UTILIZED FOR

LANDSCAPE PURPOSES ONLY

SCALE: 1" = 20'

PLANT SCHEDULE SIZE CONTAINER BOTANICAL NAME COMMON NAME CANOPY TREES OCTOBER GLORY RED MAPLE 3" CAL. B&B 3" CAL. B&B 3" CAL. B&B ACER RUBRUM 'OCTOBER GLORY' ACER SACCHARUM SUGAR MAPLE JANE MAGNOLIA MAGNOLIA X 'JANE' 3" CAL. B&B 3" CAL. B&B 2.5" CAL. B&B QL2 1 QUERCUS LYRATA OVERCUP OAK QUERCUS NUTTALLII NUTTALL OAK QUERCUS PALUSTRIS PIN OAK 3" CAL. B&B 3" CAL. B&B QUERCUS SHUMARDII SHUMARD OAK ULMUS AMERICANA 'PRINCETON' AMERICAN ELM ORNAMENTAL TREES LT2 | 3 | LAGERSTROEMIA INDICA X FAURIEI 'TONTO' | TONTO CRAPE MYRTLE MULTI-TRUNK 2" CAL. B&B SHRUBS KALEIDOSCOPE GLOSSY ABELIA ABELIA X GRANDIFLORA 'KALEIDOSCOPE' HYDRANGEA QUERCIFOLIA OAKLEAF HYDRANGEA 18-24" HT. CONTAINER ILEX X 'EMILY BRUNER' EMILY BRUNER HOLLY 6` MIN. CONTAINER ILEX GLABRA 'SHAMROCK' SHAMROCK INKBERRY HOLLY 24" MIN. CONTAINER IS 129 ITEA VIRGINICA 'LITTLE HENRY' VIRGINIA SWEETSPIRE 18-24" CONTAINER ILEX VOMITORIA 'NANA' DWARF YAUPON HOLLY 24" MIN. CONTAINER CRIMSON FIRE™ FRINGE FLOWER 24" MIN. CONTAINER LN2 15 LOROPETALUM CHINENSE RUBRUM 'PIILC-I' GRASSES MP 94 MUHLENBERGIA CAPILLARIS 'PINK CLOUD' PINK CLOUD PINK MUHLY GRASS 2 GAL. CONTAINER GROUNDCOVER LIRIOPE MUSCARI 'VARIEGATA' VARIEGATED LILYTURF 1 GAL. CONTAINER



REVISIONS

REV DATE COMMENT

7/1/24 TRC COMMENTS

9/2/25 TRC COMMENTS

10/2/25 TRC COMMENTS

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Call before you dig.

ALWAYS CALL 811 It's fast. It's free. It's the law.

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CHASE

PROPOSED

DEVELOPMENT

735 S MAIN ST **ROLESVILLE, NC 27571**

WAKE COUNTY

BOHLER //
BOHLER ENGINEERING NC, PLLC

NCBELS P-1132

SHEET TITLE:

LANDSCAPE PLAN

SHEET NUMBER:

L-101

US 401 BUSINESS	
(VARIABLE WIDTH PUBLIC R/W)	- APPROX LOCATION OF EX FORCE MAIN. LOCATION TO BE CONFIRMED WITH SURVEY FIN
EX. NCDOT 10 MILITUSE PATH PROP VARIABLE HEIGHT (A) PROP VARIABLE HE	MATERIOR LANGE AND LANGE A
15' GREENMAY EASEMENT EX. 10 MULTI-USE PATH OOD OOD OOD OOD OOD OOD OOD O	PE 2025, PG 1884 ZONING GC-G2 EX LAND USE: VACANT 15.5 AC PIR: 1735-96159 PIR

LANDSCAPE SPECIFICATIONS

HE LANDSCAPE CONTRACTOR SHALL BE REQUIRED TO PERFORM ALL CLEARING, FINISHED GRADING, SOIL PREPARATION, PERMANENT SEEDING OR SODDING, PLANTING AND MULCHING INCLUDING ALL LABOR, MATERIALS, TOOLS AND EQUIPMENT NECESSARY FOR THE COMPLETION OF THIS PROJECT, UNLESS OTHERWISE CONTRACTED BY THE GENERAL CONTRACTOR.

- A. GENERAL ALL HARDSCAPE MATERIALS SHALL MEET OR EXCEED SPECIFICATIONS AS OUTLINED IN THE STATE DEPARTMENT OF TRANSPORTATION'S SPECIFICATIONS
- B. TOPSOIL NATURAL, FRIABLE, LOAMY SILT SOIL HAVING AN ORGANIC CONTENT NOT LESS THAN 5%, A PH RANGE BETWEEN 4.5-7.0. IT SHALL BE FREE OF DEBRIS, ROCKS LARGER THAN ONE INCH (1"), WOOD, ROOTS, VEGETABLE MATTER AND CLAY CLODS
- C. LAWN ALL DISTURBED AREAS ARE TO BE TREATED WITH A MINIMUM SIX INCH (6") THICK LAYER OF TOPSOIL. OR AS DIRECTED BY THE LOCAL ORDINANCE OR CLIENT, AND SEEDED OR SODDED IN ACCORDANCE WITH THE PERMANENT STABILIZATION METHODS INDICATED WITHIN THE SOIL EROSION AND SEDIMENT CONTROL NOTES. 1.1. LAWN SEED MIXTURE SHALL BE FRESH, CLEAN NEW CROP SEED. 1.2. SOD SHALL BE STRONGLY ROOTED, WEED AND DISEASE/PEST FREE WITH A UNIFORM THICKNESS. 1.3. SOD INSTALLED ON SLOPES GREATER THAN 4:1 SHALL BE PEGGED TO HOLD SOD IN PLACE.
- D. MULCH THE MULCH AROUND THE PERIMETER OF THE BUILDING SHALL BE A 3" LAYER OF DOUBLE SHREDDED BLACK CEDAR MULCH ONLY. ALL OTHER AREAS SHALL BE MULCHED WITH A 3" LAYER OF DOUBLE SHREDDED DARK BROWN HARDWOOD BARK MULCH, UNLESS OTHERWISE STATED ON THE LANDSCAPE PLAN.

F FFRTII IZFR

- 1.1. FERTILIZER SHALL BE DELIVERED TO THE SITE MIXED AS SPECIFIED IN THE ORIGINAL UNOPENED STANDARD BAGS SHOWING WEIGHT, ANALYSIS AND NAME OF MANUFACTURER. FERTILIZER SHALL BE STORED IN A
- WEATHERPROOF PLACE SO THAT IT CAN BE KEPT DRY PRIOR TO USE. 1.2. FOR THE PURPOSE OF BIDDING, ASSUME THAT FERTILIZER SHALL BE 10% NITROGEN, 6% PHOSPHORUS AND 4% POTASSIUM BY WEIGHT. A FERTILIZER SHOULD NOT BE SELECTED WITHOUT A SOIL TEST PERFORMED BY A CERTIFIED SOIL LABORATORY

F PLANT MATERIAL

- 1.1. ALL PLANTS SHALL IN ALL CASES CONFORM TO THE REQUIREMENTS OF THE "AMERICAN STANDARD FOR NURSERY STOCK" (ANSI Z60.1), LATEST EDITION, AS PUBLISHED BY THE AMERICAN NURSERY & LANDSCAPE
- 1.2. IN ALL CASES, BOTANICAL NAMES SHALL TAKE PRECEDENCE OVER COMMON NAMES FOR ANY AND ALL PLANT MATERIAL
- 1.3. PLANTS SHALL BE LEGIBLY TAGGED WITH THE PROPER NAME AND SIZE. TAGS ARE TO REMAIN ON AT I FAST ONE PLANT OF EACH SPECIES FOR VERIFICATION PURPOSES DURING THE FINAL INSPECTION. 1.4. TREES WITH ABRASION OF THE BARK, SUN SCALDS, DISFIGURATION OR FRESH CUTS OF LIMBS OVER 11/4", WHICH HAVE NOT BEEN COMPLETELY CALLUSED, SHALL BE REJECTED.PLANTS SHALL NOT BE BOUND WITH
- WIRE OR ROPE AT ANY TIME SO AS TO DAMAGE THE BARK OR BREAK BRANCHES. 1.5. ALL PLANTS SHALL BE TYPICAL OF THEIR SPECIES OR VARIETY AND SHALL HAVE A NORMAL HABIT OF GROWTH: WELL DEVELOPED BRANCHES, DENSELY FOLIATED, VIGOROUS ROOT SYSTEMS AND BE FREE OF DISEASE, INSECTS, PESTS, EGGS OR LARVAE
- 1.6. CALIPER MEASUREMENTS OF NURSERY GROWN TREES SHALL BE TAKEN AT A POINT ON THE TRUNK SIX INCHES (6") ABOVE THE NATURAL GRADE FOR TREES UP TO AND INCLUDING A FOUR INCH (4") CALIPER SIZE. IF THE CALIPER AT SIX INCHES (6") ABOVE THE GROUND EXCEEDS FOUR INCHES (4") IN CALIPER, THE CALIPER SHOULD BE MEASURED AT A POINT 12" ABOVE THE NATURAL GRADE.
- 1.7. SHRUBS SHALL BE MEASURED TO THE AVERAGE HEIGHT OR SPREAD OF THE SHRUB, AND NOT TO THE LONGEST BRANCH

1.8. TREES AND SHRUBS SHALL BE HANDLED WITH CARE BY THE ROOT BALL

3. GENERAL WORK PROCEDURES

- A. CONTRACTOR TO UTILIZE WORKMANLIKE INDUSTRY STANDARDS IN PERFORMING ALL LANDSCAPE CONSTRUCTION. THE SITE IS TO BE LEFT IN A CLEAN STATE AT THE END OF EACH WORKDAY. ALL DEBRIS, MATERIALS AND TOOLS SHALL BE PROPERLY STORED. STOCKPILED OR DISPOSED OF
- B. WASTE MATERIALS AND DEBRIS SHALL BE COMPLETELY DISPOSED OF AT THE CONTRACTOR'S EXPENSE. DEBRIS SHALL NOT BE BURIED, INCLUDING ORGANIC MATERIALS, BUT SHALL BE REMOVED COMPLETELY FROM THE SITE.

- A. BEFORE AND DURING PRELIMINARY GRADING AND FINISHED GRADING, ALL WEEDS AND GRASSES SHALL BE DUG OUT BY THE ROOTS AND DISPOSED OF IN ACCORDANCE WITH GENERAL WORK PROCEDURES OUTLINED HEREIN.
- B. ALL EXISTING TREES TO REMAIN SHALL BE PRUNED TO REMOVE ANY DAMAGED BRANCHES. THE ENTIRE LIMB OF ANY DAMAGED BRANCH SHALL BE CUT OFF AT THE TRUNK. CONTRACTOR SHALL ENSURE THAT CUTS ARE SMOOTH AND STRAIGHT. ANY EXPOSED ROOTS SHALL BE CUT BACK WITH CLEAN, SHARP TOOLS AND TOPSOIL SHALL BE PLACED AROUND THE REMAINDER OF THE ROOTS. EXISTING TREES SHALL BE MONITORED ON A REGULAR BASIS FOR ADDITIONAL ROOT OR BRANCH DAMAGE AS A RESULT OF CONSTRUCTION. ROOTS SHALL NOT BE LEFT EXPOSED FOR MORE THAN ONE (1) DAY. CONTRACTOR SHALL WATER EXISTING TREES AS NEEDED TO PREVENT SHOCK OR DECLINE
- C. CONTRACTOR SHALL ARRANGE TO HAVE A UTILITY STAKE-OUT TO LOCATE ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF ANY LANDSCAPE MATERIAL. UTILITY COMPANIES SHALL BE CONTACTED THREE (3) DAYS PRIOR TO THE BEGINNING OF WORK

- A. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING TREES TO REMAIN. A TREE PROTECTION ZONE SHALL BE ESTABLISHED AT THE DRIP LINE OR 15 FEET FROM THE TRUNK OR AT THE LIMIT OF CONSTRUCTION DISTURBANCE, WHICHEVER IS GREATER. LOCAL STANDARDS THAT MAY REQUIRE A MORE STRICT TREE PROTECTION ZONE SHALL BE HONORED.
- . A FORTY-EIGHT INCH (48") HIGH WOODEN SNOW FENCE OR ORANGE COLORED HIGH-DENSITY 'VISI-FENCE', OR APPROVED EQUAL, MOUNTED ON STEEL POSTS SHALL BE PLACED ALONG THE BOUNDARY OF THE TREE PROTECTION ZONE. POSTS SHALL BE LOCATED AT A MAXIMUM OF EIGHT FEET (8') ON CENTER OR AS INDICATED WITHIN THE TREE PROTECTION DETAIL.
- C. WHEN THE TREE PROTECTION FENCING HAS BEEN INSTALLED, IT SHALL BE INSPECTED BY THE APPROVING AGENCY PRIOR TO DEMOLITION, GRADING, TREE CLEARING OR ANY OTHER CONSTRUCTION. THE FENCING ALONG THE TREE PROTECTION ZONE SHALL BE REGULARLY INSPECTED BY THE LANDSCAPE CONTRACTOR AND MAINTAINED UNTIL ALL CONSTRUCTION ACTIVITY HAS BEEN COMPLETED.
- D. AT NO TIME SHALL MACHINERY, DEBRIS, FALLEN TREES OR OTHER MATERIALS BE PLACED, STOCKPILED OR LEFT STANDING IN THE TREE PROTECTION ZONE.

- A. CONTRACTOR SHALL ATTAIN A SOIL TEST FOR ALL AREAS OF THE SITE PRIOR TO CONDUCTING ANY PLANTING. SOIL TESTS SHALL BE PERFORMED BY A CERTIFIED SOIL LABORATORY.
- B. LANDSCAPE CONTRACTOR SHALL REPORT ANY SOIL OR DRAINAGE CONDITIONS CONSIDERED DETRIMENTAL TO THE GROWTH OF PLANT MATERIAL. SOIL MODIFICATIONS, AS SPECIFIED HEREIN, MAY NEED TO BE CONDUCTED BY THE LANDSCAPE CONTRACTOR DEPENDING ON SITE CONDITIONS.
- C. THE FOLLOWING AMENDMENTS AND QUANTITIES ARE APPROXIMATE AND ARE FOR BIDDING PURPOSES ONLY. COMPOSITION OF AMENDMENTS SHOULD BE REVISED DEPENDING ON THE OUTCOME OF A TOPSOIL ANALYSIS

SUBSURFACE DRAINAGE LINES MAY NEED TO BE ADDED TO INCREASE DRAINAGE.

- PERFORMED BY A CERTIFIED SOIL LABORATORY. 1.1. TO INCREASE A SANDY SOIL'S ABILITY TO RETAIN WATER AND NUTRIENTS, THOROUGHLY TILL ORGANIC
- MATTER INTO THE TOP 6-12". USE COMPOSTED BARK, COMPOSTED LEAF MULCH OR PEAT MOSS. ALL PRODUCTS SHOULD BE COMPOSTED TO A DARK COLOR AND BE FREE OF PIECES WITH IDENTIFIABLE LEAF
- OR WOOD STRUCTURE. AVOID MATERIAL WITH A PH HIGHER THAN 7.5. 1.2 TO INCREASE DRAINAGE MODIFY HEAVY CLAY OR SILT (MORE THAN 40% CLAY OR SILT) BY ADDING COMPOSTED PINE BARK (UP TO 30% BY VOLUME) AND/OR AGRICULTURAL GYPSUM. COARSE SAND MAY BE USED IF ENOUGH IS ADDED TO BRING THE SAND CONTENT TO MORE THAN 60% OF THE TOTAL MIX.
- 1.3. MODIFY EXTREMELY SANDY SOILS (MORE THAN 85%) BY ADDING ORGANIC MATTER AND/OR DRY, SHREDDED CLAY LOAM UP TO 30% OF THE TOTAL MIX.

- A. UNLESS OTHERWISE CONTRACTED, THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF TOPSOIL AND THE ESTABLISHMENT OF FINE-GRADING WITHIN THE DISTURBANCE AREA OF THE
- B. LANDSCAPE CONTRACTOR SHALL VERIFY THAT SUBGRADE FOR INSTALLATION OF TOPSOIL HAS BEEN ESTABLISHED. THE SUBGRADE OF THE SITE MUST MEET THE FINISHED GRADE LESS THE REQUIRED TOPSOIL
- C. ALL LAWN AND PLANTING AREAS SHALL BE GRADED TO A SMOOTH, EVEN AND UNIFORM PLANE WITH NO ABRUPT CHANGE OF SURFACE AS DEPICTED WITHIN THIS SET OF CONSTRUCTION PLANS, UNLESS OTHERWISE DIRECTED 13. CLEANUP BY THE PROJECT ENGINEER OR LANDSCAPE ARCHITECT.

D. ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED TO ALLOW FREE FLOW OF SURFACE WATER IN AND AROUND THE PLANTING BEDS. STANDING WATER SHALL NOT BE PERMITTED IN PLANTING BEDS.

- CONTRACTOR SHALL PROVIDE A SIX INCH (6") THICK MINIMUM LAYER OF TOPSOIL, OR AS DIRECTED BY THE LOCAL ORDINANCE OR CLIENT, IN ALL PLANTING AREAS. TOPSOIL SHOULD BE SPREAD OVER A PREPARED SURFACE IN A UNIFORM LAYER TO ACHIEVE THE DESIRED COMPACTED THICKNESS.
- B. ON-SITE TOPSOIL MAY BE USED TO SUPPLEMENT THE TOTAL AMOUNT REQUIRED. TOPSOIL FROM THE SITE MAY BE REJECTED IF IT HAS NOT BEEN PROPERLY REMOVED, STORED AND PROTECTED PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL FURNISH TO THE APPROVING AGENCY AN ANALYSIS OF BOTH IMPORTED AND ON-SITE TOPSOIL TO BE UTILIZED IN ALL PLANTING AREAS. THE PH AND NUTRIENT LEVELS MAY NEED TO BE ADJUSTED THROUGH SOIL MODIFICATIONS AS NEEDED TO ACHIEVE THE REQUIRED LEVELS AS SPECIFIED IN THE MATERIALS
- D. ALL PLANTING AND LAWN AREAS ARE TO BE CULTIVATED TO A DEPTH OF SIX INCHES (6"). ALL DEBRIS EXPOSED FROM EXCAVATION AND CULTIVATION SHALL BE DISPOSED OF IN ACCORDANCE WITH GENERAL WORK PROCEDURES SECTION ABOVE. THE FOLLOWING SHALL BE TILLED INTO THE TOP FOUR INCHES (4") IN TWO DIRECTIONS (QUANTITIES BASED ON A 1.000 SQUARE FOOT AREA) 1.1. 20 POUNDS 'GROW POWER' OR APPROVED EQUAL
- 1.2. 20 POUNDS NITRO-FORM (COURSE) 38-0-0 BLUE CHIP
- E. THE SPREADING OF TOPSOIL SHALL NOT BE CONDUCTED UNDER MUDDY OR FROZEN CONDITIONS.

- A. INSOFAR THAT IT IS FEASIBLE, PLANT MATERIAL SHALL BE PLANTED ON THE DAY OF DELIVERY. IN THE EVENT THAT THIS IS NOT POSSIBLE, LANDSCAPE CONTRACTOR SHALL PROTECT UNINSTALLED PLANT MATERIAL. PLANTS SHALL NOT REMAIN UNPLANTED FOR LONGER THAN A THREE DAY PERIOD AFTER DELIVERY. PLANTS THAT WILL NOT BE PLANTED FOR A PERIOD OF TIME GREATER THAN THREE DAYS SHALL BE HEALED IN WITH TOPSOIL OR MULCH TO HELP PRESERVE ROOT MOISTURE.
- B PLANTING OPERATIONS SHALL BE PERFORMED DURING PERIODS WITHIN THE PLANTING SEASON WHEN WEATHER AND SOIL CONDITIONS ARE SUITABLE AND IN ACCORDANCE WITH ACCEPTED LOCAL PRACTICE PLANTS SHALL NOT BE INSTALLED IN TOPSOIL THAT IS IN A MUDDY OR FROZEN CONDITION.
- C. ANY INJURED ROOTS OR BRANCHES SHALL BE PRUNED TO MAKE CLEAN-CUT ENDS PRIOR TO PLANTING

UTILIZING CLEAN, SHARP TOOLS. ONLY INJURED OR DISEASED BRANCHING SHALL BE REMOVED.

- D. ALL PLANTING CONTAINERS AND NON-BIODEGRADABLE MATERIALS SHALL BE REMOVED FROM ROOT BALLS DURING PLANTING. NATURAL FIBER BURLAP MUST BE CUT FROM AROUND THE TRUNK OF THE TREE AND FOLDED DOWN AGAINST THE ROOT BALL PRIOR TO BACKELLING
- E. POSITION TREES AND SHRUBS AT THEIR INTENDED LOCATIONS AS PER THE PLANS AND SECURE THE APPROVAL OF THE LANDSCAPE ARCHITECT PRIOR TO EXCAVATING PITS, MAKING NECESSARY ADJUSTMENTS AS DIRECTED
- F. PRIOR TO THE ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY, THE PROPOSED LANDSCAPE, AS SHOWN ON THE APPROVED LANDSCAPE PLAN. MUST BE INSTALLED. INSPECTED AND APPROVED BY THE APPROVING AGENCY. THE APPROVING AGENCY SHALL TAKE INTO ACCOUNT SEASONAL CONSIDERATIONS IN THIS REGARD AS FOLLOWS. THE PLANTING OF TREES, SHRUBS, VINES OR GROUND COVER SHALL OCCUR ONLY DURING THE FOLLOWING PLANTING SEASONS
- 1.1. PLANTS: MARCH 15 TO DECEMBER 15
- 1.2. LAWN: MARCH 15 TO JUNE 15 OR SEPT. 1 TO DECEMBER 1
- G. PLANTINGS REQUIRED FOR A CERTIFICATE OF OCCUPANCY SHALL BE PROVIDED DURING THE NEXT APPROPRIATE SEASON AT THE MUNICIPALITY'S DISCRETION. CONTRACTOR SHOULD CONTACT APPROVING AGENCY FOR POTENTIAL SUBSTITUTIONS.
- H. FURTHERMORE, THE FOLLOWING TREE VARIETIES ARE UNUSUALLY SUSCEPTIBLE TO WINTER DAMAGE. WITH TRANSPLANT SHOCK AND THE SEASONAL LACK OF NITROGEN AVAILABILITY. THE RISK OF PLANT DEATH IS GREATLY INCREASED. IT IS NOT RECOMMENDED THAT THESE SPECIES BE PLANTED DURING THE FALL PLANTING
- ACER RUBRUM PLATANUS X ACERIFOLIA BETULA VARIETIES POPULOUS VARIETIES CARPINUS VARIETIES PRUNUS VARIETIES **PYRUS VARIETIES** CRATAEGUS VARIETIES QUERCUS VARIETIES LIQUIDAMBER STYRACIFLUA TILIA TOMENTOSA LIRIODENDRON TULIPIFERA ZELKOVA VARIETIES
- . PLANTING PITS SHALL BE DUG WITH LEVEL BOTTOMS, WITH THE WIDTH TWICE THE DIAMETER OF ROOT BALL. THE ROOT BALL SHALL REST ON UNDISTURBED GRADE. EACH PLANT PIT SHALL BE BACKFILLED IN LAYERS WITH THE FOLLOWING PREPARED SOIL MIXED THOROUGHLY:
- 1 PART PEAT MOSS • 1 PART COMPOSTED COW MANURE BY VOLUME
- 3 PARTS TOPSOIL BY VOLUME • 21 GRAMS 'AGRIFORM' PLANTING TABLETS (OR APPROVED EQUAL) AS FOLLOWS:
 - A) 2 TABLETS PER 1 GALLON PLANT B) 3 TABLETS PER 5 GALLON PLANT
- C) 4 TABLETS PER 15 GALLON PLANT D) LARGER PLANTS: 2 TABLETS PER 1/2" CALIPER OF TRUNK
- J. FILL PREPARED SOIL AROUND BALL OF PLANT HALF-WAY AND INSERT PLANT TABLETS. COMPLETE BACKFILL AND
- K. ALL PLANTS SHALL BE PLANTED SO THAT THE TOP OF THE ROOT BALL. THE POINT AT WHICH THE ROOT FLARE BEGINS, IS SET AT GROUND LEVEL AND IN THE CENTER OF THE PIT. NO SOIL IS TO BE PLACED DIRECTLY ON TOP
- . ALL PROPOSED TREES DIRECTLY ADJACENT TO WALKWAYS OR DRIVEWAYS SHALL BE PRUNED AND MAINTAINED TO A MINIMUM BRANCHING HEIGHT OF 7' FROM GRADE.
- M. GROUND COVER AREAS SHALL RECEIVE A 1/4" LAYER OF HUMUS RAKED INTO THE TOP 1" OF PREPARED SOIL PRIOR TO PLANTING. ALL GROUND COVER AREAS SHALL BE WEEDED AND TREATED WITH A PRE-EMERGENT CHEMICAL AS PER MANUFACTURER'S RECOMMENDATION
- N. NO PLANT, EXCEPT GROUND COVERS, GRASSES OR VINES, SHALL BE PLANTED LESS THAN TWO FEET (2') FROM EXISTING STRUCTURES AND SIDEWALKS.
- O. ALL PLANTING AREAS AND PLANTING PITS SHALL BE MULCHED AS SPECIFIED HEREIN TO FILL THE ENTIRE BED AREA OR SAUCER. NO MULCH IS TO TOUCH THE TRUNK OF THE TREE OR SHRUB.
- P. ALL PLANTING AREAS SHALL BE WATERED IMMEDIATELY UPON INSTALLATION IN ACCORDANCE WITH THE

WATERING SPECIFICATIONS AS LISTED HEREIN.

- A. ALL TRANSPLANTS SHALL BE DUG WITH INTACT ROOT BALLS CAPABLE OF SUSTAINING THE PLANT. B. IF PLANTS ARE TO BE STOCKPILED BEFORE REPLANTING, THEY SHALL BE HEALED IN WITH MULCH OR SOIL,
- ADEQUATELY WATERED AND PROTECTED FROM EXTREME HEAT, SUN AND WIND. C. PLANTS SHALL NOT BE DUG FOR TRANSPLANTING BETWEEN APRIL 10 AND JUNE 30.
- D. UPON REPLANTING, BACKFILL SOIL SHALL BE AMENDED WITH FERTILIZER AND ROOT GROWTH HORMONE.
- E. TRANSPLANTS SHALL BE GUARANTEED FOR THE LENGTH OF THE GUARANTEE PERIOD SPECIFIED HEREIN.
- F. IF TRANSPLANTS DIE, SHRUBS AND TREES LESS THAN SIX INCHES (6") DBH SHALL BE REPLACED IN KIND. TREES GREATER THAN SIX INCHES (6") DBH MAY BE REQUIRED TO BE REPLACED IN ACCORDANCE WITH THE MUNICIPALITY'S TREE REPLACEMENT GUIDELINES.
- 11. WATERING A. NEW PLANTINGS OR LAWN AREAS SHALL BE ADEQUATELY IRRIGATED BEGINNING IMMEDIATELY AFTER PLANTING. WATER SHALL BE APPLIED TO EACH TREE AND SHRUB IN SUCH MANNER AS NOT TO DISTURB BACKFILL AND TO THE EXTENT THAT ALL MATERIALS IN THE PLANTING HOLE ARE THOROUGHLY SATURATED. WATERING SHALL CONTINUE AT LEAST UNTIL PLANTS ARE ESTABLISHED
- B. SITE OWNER SHALL PROVIDE WATER IF AVAILABLE ON SITE AT TIME OF PLANTING. IF WATER IS NOT AVAILABLE ON SITE, CONTRACTOR SHALL SUPPLY ALL NECESSARY WATER. THE USE OF WATERING BAGS IS RECOMMENDED FOR ALL NEWLY PLANTED TREES.
- C. IF AN IRRIGATION SYSTEM HAS BEEN INSTALLED ON THE SITE, IT SHALL BE USED TO WATER PROPOSED PLANT MATERIAL, BUT ANY FAILURE OF THE SYSTEM DOES NOT ELIMINATE THE CONTRACTOR'S RESPONSIBILITY OF MAINTAINING THE DESIRED MOISTURE LEVEL FOR VIGOROUS, HEALTHY GROWTH.

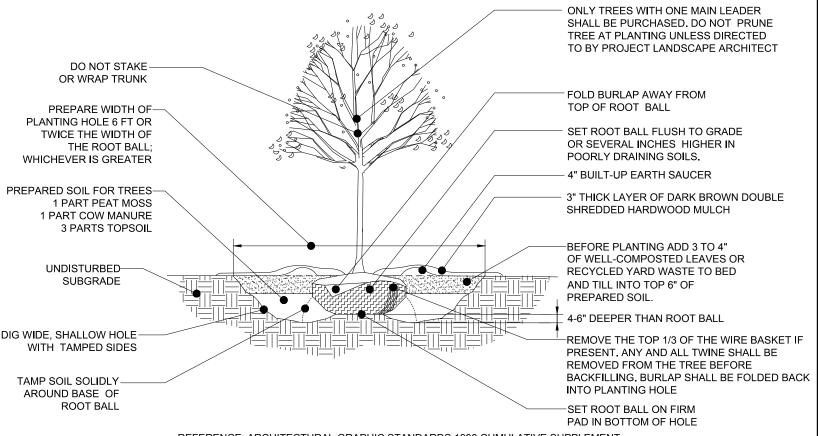
12. GUARANTEI

- A. THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL PLANTS FOR A PERIOD OF ONE (1) YEAR FROM APPROVAL OF LANDSCAPE INSTALLATION BY THE APPROVING AGENCY. CONTRACTOR SHALL SUPPLY THE OWNER WITH A MAINTENANCE BOND FOR TEN PERCENT (10%) OF THE VALUE OF THE LANDSCAPE INSTALLATION WHICH WILL BE RELEASED AT THE CONCLUSION OF THE GUARANTEE PERIOD AND WHEN A FINAL INSPECTION HAS BEEN COMPLETED AND APPROVED BY THE OWNER OR AUTHORIZED REPRESENTATIVE.
- B. ANY DEAD OR DYING PLANT MATERIAL SHALL BE REPLACED FOR THE LENGTH OF THE GUARANTEE PERIOD. REPLACEMENT OF PLANT MATERIAL SHALL BE CONDUCTED AT THE FIRST SUCCEEDING PLANTING SEASON. ANY DEBRIS SHALL BE DISPOSED OF OFF-SITE, WITHOUT EXCEPTION.
- C. TREES AND SHRUBS SHALL BE MAINTAINED BY THE CONTRACTOR DURING CONSTRUCTION AND THROUGHOUT THE 90 DAY MAINTENANCE PERIOD AS SPECIFIED HEREIN. CUI TIVATION, WEEDING, WATERING AND THE PREVENTATIVE TREATMENTS SHALL BE PERFORMED AS NECESSARY TO KEEP PLANT MATERIAL IN GOOD CONDITION AND FREE OF INSECTS AND DISEASE.
- D. LAWNS SHALL BE MAINTAINED THROUGH WATERING, FERTILIZING, WEEDING, MOWING, TRIMMING AND OTHER OPERATIONS SUCH AS ROLLING, REGARDING AND REPLANTING AS REQUIRED TO ESTABLISH A SMOOTH. ACCEPTABLE LAWN, FREE OF ERODED OR BARE AREAS.

- A. UPON THE COMPLETION OF ALL LANDSCAPE INSTALLATION AND BEFORE THE FINAL ACCEPTANCE. THE CONTRACTOR SHALL REMOVE ALL UNUSED MATERIALS, EQUIPMENT AND DEBRIS FROM THE SITE. ALL PAVED
- B. THE SITE SHALL BE CLEANED AND LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER OR AUTHORIZED REPRESENTATIVE

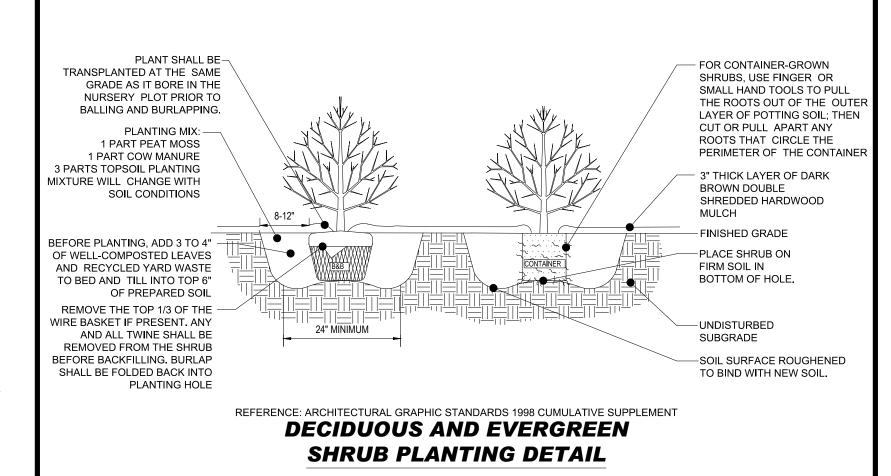
ONLY TREES WITH ONE MAIN LEADER SHALL BE PURCHASED. DO NOT PRUNE TREE AT PLANTING UNLESS DIRECTED TO BY PROJECT LANDSCAPE ARCHITECT DO NOT STAKE OR -FOLD BURLAP AWAY FROM TOP OF WRAP TRUNK ROOT BALL SET ROOT BALL FLUSH TO GRADE OR PREPARE WIDTH OF -PLANTING HOLE 6 FT SEVERAL INCHES HIGHER IN POORLY DRAINING SOILS. OR TWICE THE WIDTH OF THE ROOT BALL; - 4" BUILT-UP EARTH SAUCER WHICHEVER IS GREATER 3" THICK LAYER OF DARK BROWN DOUBLE SHREDDED HARDWOOD MULCH PREPARED SOIL FOR-TREES 1 PART PEAT MOSS 1 BEFORE PLANTING ADD 3 TO 4" PART COW MANURE 3 OF WELL-COMPOSTED LEAVES PARTS TOPSOIL OR RECYCLED YARD WASTE TO BED AND TILL INTO TOP 6" OF PREPARED SOIL 4-6" DEEPER THAN ROOT BALL UNDISTURBED-SUBGRADE - REMOVE THE TOP 1/3 OF THE WIRE BASKET IF PRESENT. ANY AND ALL TWINE SHALL BE REMOVED DIG WIDE, SHALLOW HOLE-FROM THE TREE BEFORE BACKFILLING. BURLAP SHALI WITH TAMPED SIDES BE FOLDED BACK INTO PLANTING HOLE TAMP SOIL SOLIDLY AROUND-BASE OF ROOT BALL - SET ROOT BALL ON FIRM REFERENCE: ARCHITECTURAL GRAPHIC STANDARDS 1998 CUMULATIVE SUPPLEMENT EVERGREEN TREE PLANTING DETAIL

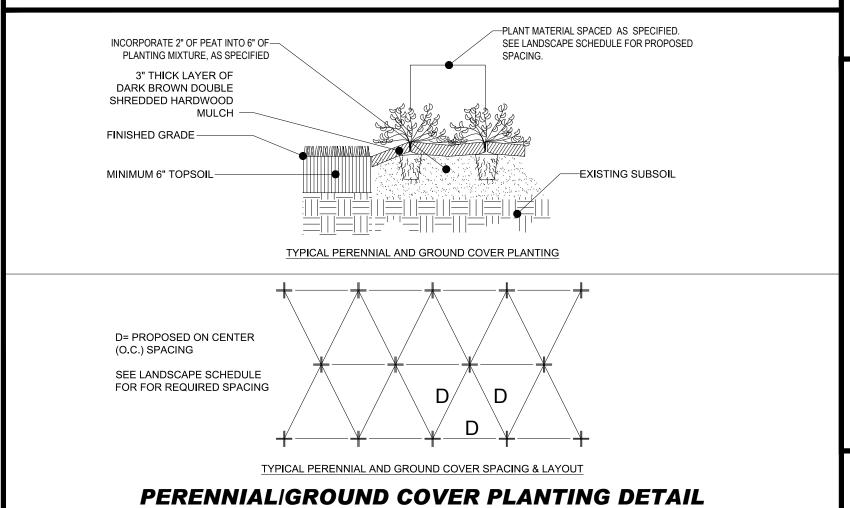
NOT TO SCALE



REFERENCE: ARCHITECTURAL GRAPHIC STANDARDS 1998 CUMULATIVE SUPPLEMENT DECIDUOUS TREE PLANTING DETAIL

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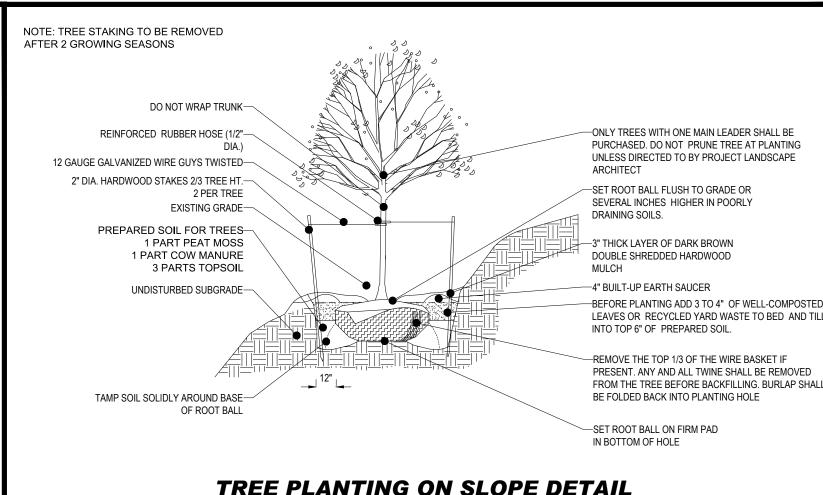
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OWNER MAINTENANCE RESPONSIBILITIES

UPON OWNER'S (OR OWNER CONTRACTOR'S) COMPLETION OF LANDSCAPING WORK, THE OWNER IS FULLY RESPONSIBLE FOR ALL FUTURE MAINTENANCE, CARE, UPKEEP, WATERING, AND TRIMMING OF ALL INSTALLED VEGETATION, PLANTS, TREE, BUSHES, SHRUBS, GRASSES, GRASS, ORNAMENTAL PLANTS AND FLOWERS, FLOWERS, GROUND COVER, AND LANDSCAPING, INCLUDING ALL LANDSCAPE ISLANDS AND AREAS ADJACENT OR PART OF THE LANDSCAPED AREAS. THIS RESPONSIBILITY INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING

- TREES ADJACENT TO WALKWAYS AND AREAS OF PEDESTRIAN TRAFFIC MUST BE MAINTAINED TO ASSURE THAT ANY BRANCHES MUST BE LIMBED UP TO A CLEARANCE HEIGHT OF 7 FT. (FROM ALL PEDESTRIAN SURFACES) OR PRUNED BACK TO AVOID ANY INTERFERENCE WITH THE TYPICAL PATH
- TREES WITHIN VEHICULAR SIGHT LINES, AS ILLUSTRATED ON THE LANDSCAPE PLAN, ARE TO BE TRIMMED TO A CLEARANCE HEIGHT OF 7 FT. (FROM ALL PAVED, TRAVELED SURFACES), OR AS OTHERWISE INDICATED ON THE PLANS.
- VEGETATIVE GROUND COVER, SHRUBS AND ORNAMENTAL PLANTS AND GRASSES MUST BE TRIMMED SO THAT NO PORTION OF THE PLANT EXCEEDS 30 INCHES ABOVE GRADE (OF ALL PAVED, TRAVEL SURFACES) ALONG AND WITHIN THE SIGHT LINES OF PARKING LOTS AND INGRESS-EGRESS WAYS
- FALLEN PLANT FLOWERS, FRUIT, SEEDS AND DEBRIS DROPPINGS ARE TO BE REMOVED IMMEDIATELY FROM VEHICULAR AND PEDESTRIAN TRAFFIC AREAS TO PREVENT TRIPPING, SLIPPING OR ANY OTHER HAZARDS.

THESE REQUIREMENTS DO NOT AFFECT THE PLANT LIFE GUARANTEES THE LANDSCAPE CONTRACTOR IS



TREE PLANTING ON SLOPE DETAIL

REVISIONS COMMENT

REV DATE 7/1/24 TRC COMMENTS 9/2/25 TRC COMMENTS 10/2/25 TRC COMMENTS 11/12/25 TRC COMMENTS



PERMIT SET

THIS DRAWING IS INTENDED FOR MUNICIPAL AND/OR AGENC EVIEW AND APPROVAL. IT IS NOT INTENDED AS A CONSTRUC DOCUMENT UNLESS INDICATED OTHERWISE. PROJECT No.: NCB230114.0

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P-CIVL-LLG

CAD I.D.: PROJECT:

DRAWN BY:

CHECKED BY

SITE DEVELOPMENT



DEVELOPMENT 735 S MAIN ST ROLESVILLE. NC 27571 WAKE COUNTY



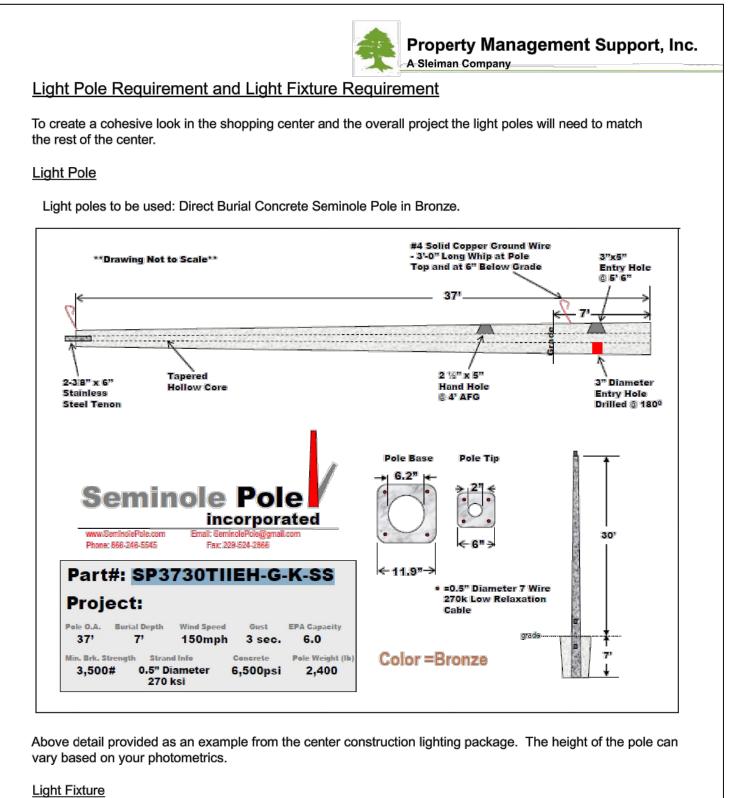
4130 PARKLAKE AVENUE, SUITE 20 RALEIGH, NC 27612 Phone: (919) 578-9000

NC@BohlerEng.com



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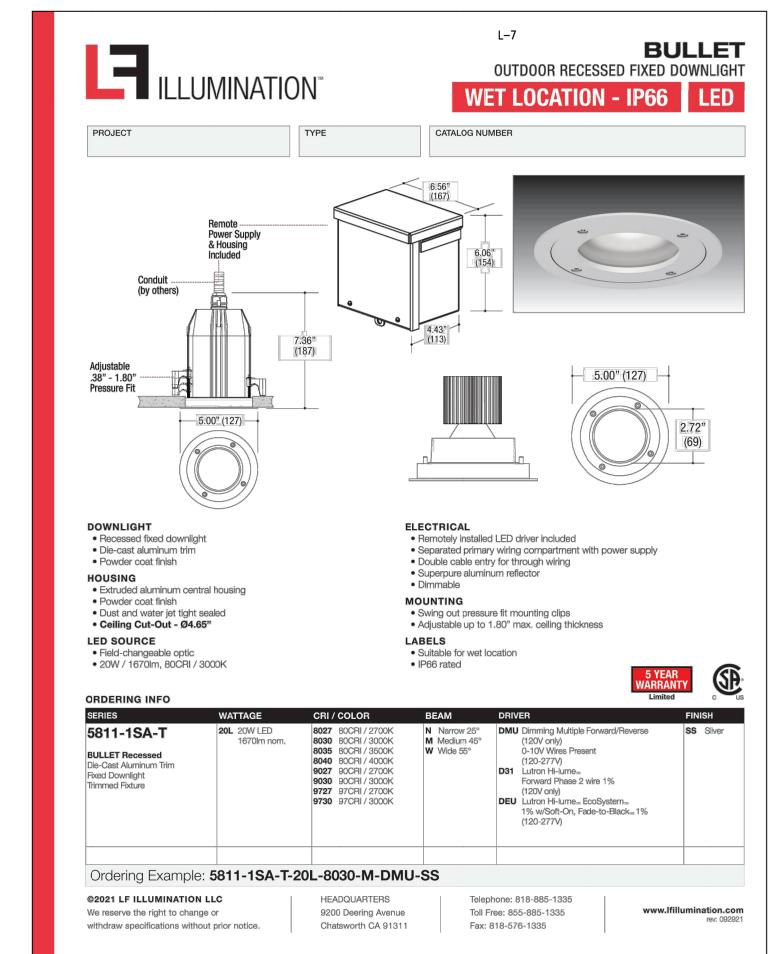
LANDSCAPE **DETAILS**

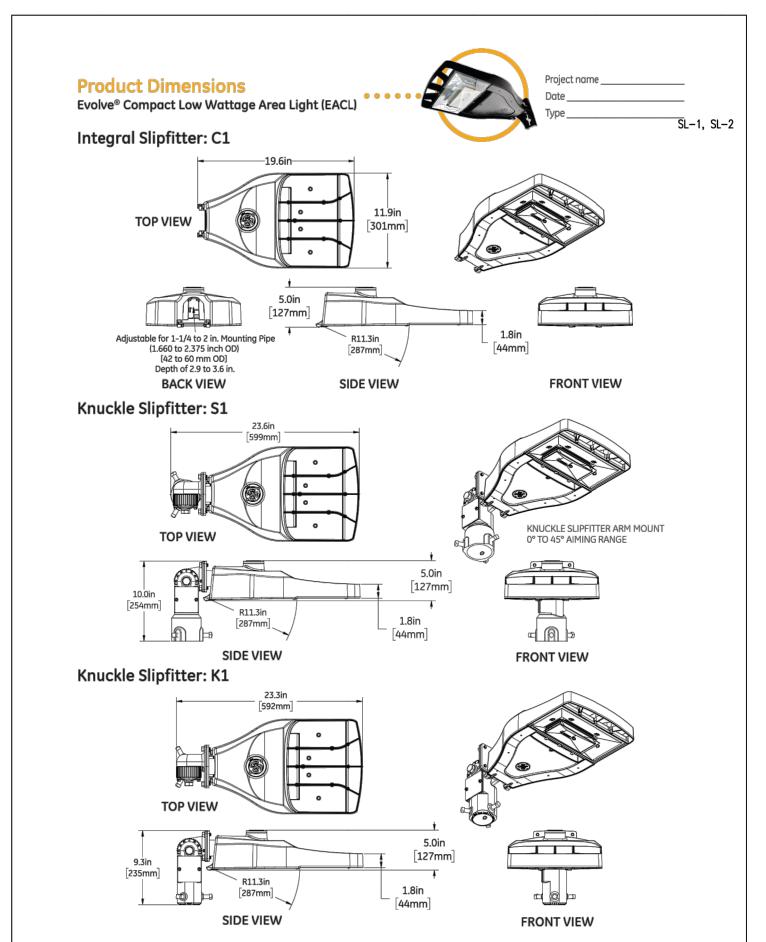


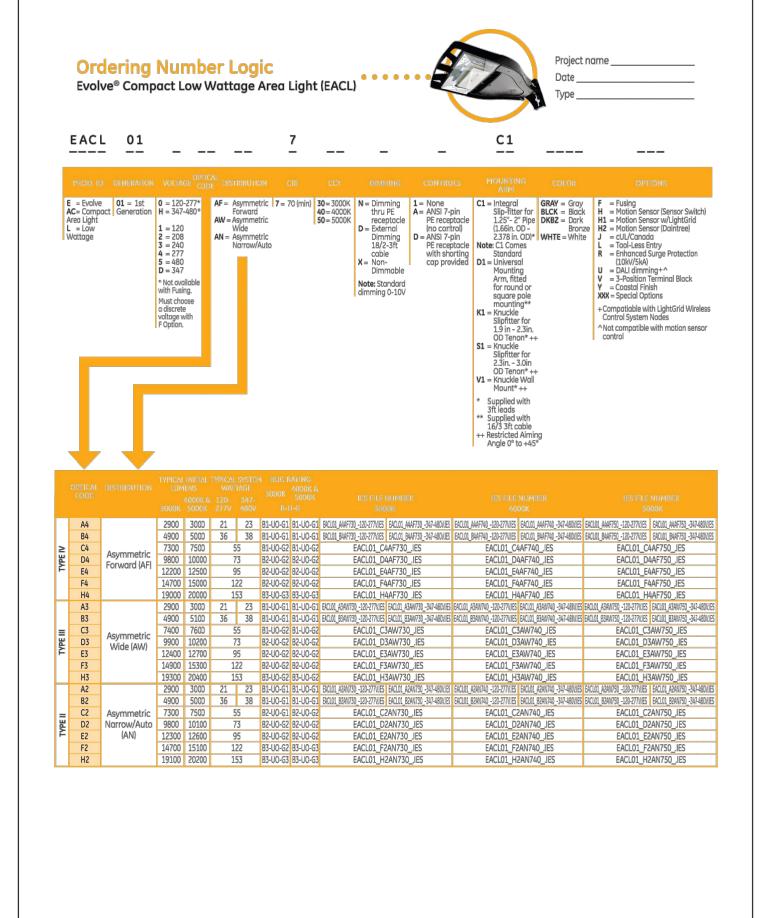
The color of the site light fixture must be white as well to match the shopping center. The light will need to be LED and have kelvin temperature must be 4,000. The fixture(s) should be of a similar style to those in the

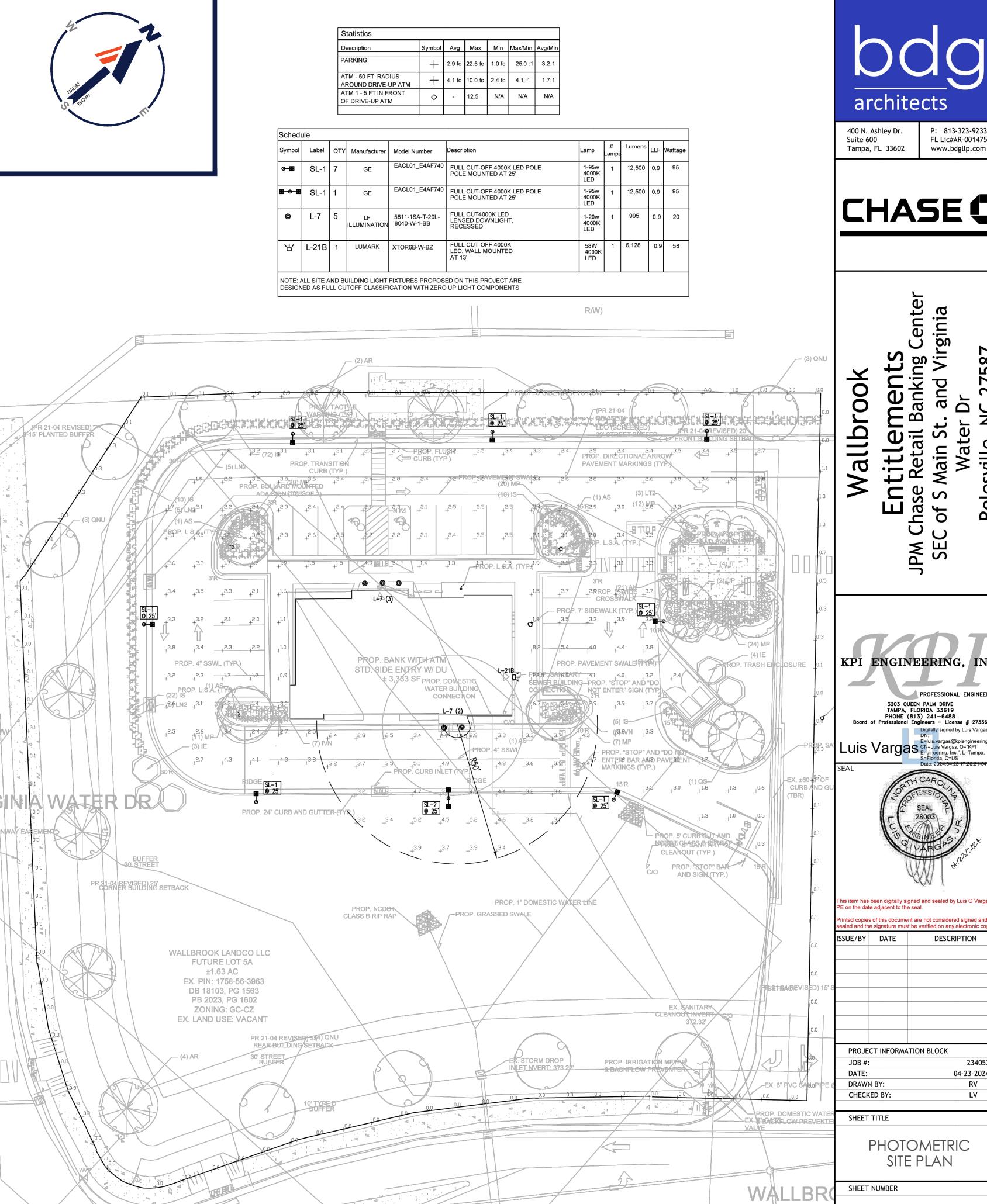
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shopping center.









PHOTOMETRIC PLAN - OVERALL SITE

architects

P: 813-323-9233 FL Lic#AR-0014752 www.bdgllp.com

CHASE 🔾

Center ng Cenue Virginia

PROFESSIONAL ENGINEERS 3203 QUEEN PALM DRIVE TAMPA, FLORIDA 33619

Luis Vargas CN-Luis Vargas, O-"KPI Engineering, Inc.", L=Tampa, S=Florida, C=US



E on the date adjacent to the seal. aled and the signature must be verified on any electronic copie

PROJECT INFORMATION BLOCK 04-23-2024

PHOTOMETRIC SITE PLAN