

Leland Town Hall Addition & Renovations

Addendum 1

April 26, 2024

To: All Plan Holders

From: Jenny Williams, AIA



General Items

1. Bid date and time remain unchanged.
2. Pre-Bid Meeting Minutes are attached along with the attendance sheet.
3. Questions received from bidders that are not addressed in this addendum will be addressed in Addendum 2.
4. The GC will be responsible for the permit fees.

Specification Items

1. Spec Section 10 1400 Signage: Part 2 Products, 2.05 Plaques; metal plaque dimensions to be 30" x 20".

Drawing Items

1. In response to DEQ's erosion control permit comments, the following civil sheets were revised:
 - a. Sheet C-001 Abbreviations and General Notes:
 - i. Revised name of sheet ES-101 to read, "Erosion and Sedimentation Control Plan – Phase I".
 - ii. Added new drawing sheet ES-101A Erosion and Sedimentation Control Plan – Phase II.
 - b. Sheet ES-101 Erosion and Sedimentation Control Plan – Phase I: Revised limit of disturbance boundary.
 - c. Sheet ES-101A Erosion and Sedimentation Control Plan – Phase II: New drawing sheet.
 - d. Sheet ES-102 Erosion and Sedimentation Control Notes: Revised disturbed area
 - e. Sheet C-102 Grading and Drainage Plan: Adjusted swale limit.
2. Sheet A6.2 Door Schedule: Detail 2 Signage Detail, overall dimensions revised to be 8" x 8" to match existing signage.

Clarifications

1. In renovated areas only receiving the HVAC system upgrade and carpet replacement, care should be taken to salvage and reinstall as much of the existing acoustic ceiling tile and ceiling grid as possible.
 - a. Any damaged acoustic ceiling tiles and ceiling grid will need to be replaced by the GC.
2. Existing HVAC Controls are by LG, and they are intended to be re-used in the HVAC system upgrade.
3. Data is to be included in the project scope to be provided by the GC. Disregard any note indicating data is to be provided by the Owner.

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4. The sprayed fireproofing, specified is spec section 07 8100 Applied Fire Protection, will be used as part of the 2-hour rated floor assembly in the first responders radio room (Electrical Closet 417B).
5. The "cement plaster system" identified on sheet A2.0 Addition - Building Elevations will be the same product specified in spec section 07 2400 Exterior Insulation and Finish Systems.

Approved Substitutions

The following have been reviewed and accepted:

1. Cast Stone by Marcstone is an approved manufacturer for cast stone masonry.
2. Maxima by McElroy Metal is an approved manufacturer for metal roof panels.
3. Standard Series 58" by Hadrian is an approved manufacturer for phenolic toilet compartments.

End of Addendum 1

Leland Town Hall Addition & Renovations

Pre-Bid Meeting Minutes

April 24, 2024

Meeting Date: April 24, 2024

Meeting Time: 2:00 P.M.



Attendance:

See attached sign in sheet

Introductions:

Project Architects: Jenny Williams, of Sawyer Sherwood & Associate

John Sawyer, of Sawyer Sherwood & Associate

Owner' Representative: Will Lear, Project Manager with Town of Leland

Project Description:

- The project consists of the construction of a new 21,000+ sq. ft. 2-story building addition and related sitework, as well as renovations and a full HVAC system upgrade to the existing building.

Bid Documents:

- Digital copies of the Contract Documents were distributed to the pre-qualified general contractors on April 17, 2024.
- S2A3's office will distribute Addenda to everyone on the Plan Holders List. The Plan Holders List and Addenda will also be uploaded to our website under the Contractors link.

Key Dates:

- Project Bid Date: May 15, 2024 @ 2:00 P.M.
- Deadline for Substitution Requests: May 8, 2024 @ 5:00 P.M.
- Deadline for Questions from Bidders: May 8, 2024 @ 5:00 P.M.
- Deadline to Issue Addenda: May 10, 2024 @ 5:00 P.M.

Alternates:

- Alternate No. 1: Door Hardware
 - provide preferred locksets and electrified hardware by Schlage.
- Alternate No. 2: provide preferred VRF System by LG
- Alternate No. 3: provide camera equipment by Basis of Design
 - Basis of Design can be found on the electrical drawings.

Bid Structure:

- Single prime contract

Bid Package Shall follow items listed in Instruction to Bidders. The following are a few key items:

- Sealed Form of Proposal bearing the project name, name of bidder and the contractor's license number.

- Bid Bond and Bid need to be in separate envelopes and placed inside a single envelope identified above.
- Acknowledgement of addendum
- Bid Bond or Cash Deposit in an amount equal to not less than 5%.
- 100% Performance Bond
- 100% Payment Bond
- The owner reserves the right to reject any or all bids, waive informalities and irregularities in bidding, and to accept bids which are considered to be in the best interest of the Town.

Construction Contract Schedule and Phasing:

- Work is to be completed in 730 calendar days from notice to proceed and consists of multiple construction phases; the new building addition and related site work will be constructed first, followed by the interior renovations. See the Phasing Plan in the bid documents for phasing specific to the interior renovations.
- Town Hall is to remain occupied and operational during construction.

Allowances:

- A \$275,000.00 Owner Allowance is to be included in the base bid. This will be utilized upon permission of the owner with all unused amounts being credited back to the owner at the end of the project.

Information for the apparent low bidder:

- GC will submit the project to Town of Leland to obtain a building permit.
- DEQ Stormwater Permit has already been approved; Erosion Control Permit review is underway

Site visits prior to bidding:

- A tour of the building was provided at this meeting.
- For additional site visits, please contact the Owner's Representative:
Will Lear
wlear@townofleland.com
910-408-9425

Prospective Bidder Questions:

- Will the permit fee be taken care of by the Owner?
 - No. The GC will be responsible for the permit fee.
- Will data be included in the project scope? There is a note in the construction documents stating Data will be provided by Owner.
 - This note is incorrect. Data will be included in the project scope and the work will be provided by the GC.
- Who are the existing HVAC controls by? Will the HVAC controls be replaced?
 - Existing HVAC controls are by LG.
 - The intent is to re-use the HVAC controls.
- Will ACT need to be replaced in areas receiving new HVAC work?
 - Care should be taken to salvage as much of the existing ACT and grid as possible.
 - Any ACT or grid that is damaged will need to be replaced by the GC.

- Are there any liquidated damages?
 - To be answered in an addendum.
- Will the existing building be occupied during renovations?
 - Town will be coordinating staff relocation for the renovations.

End of Pre-Bid Meeting Minutes

Jenny Williams, AIA

**PRE-BID
ATTENDANCE LISTING**

PROJECT: Leland Town Hall: Addition & Renovations

DATE: April 24, 2024

LOCATION: 102 Town Hall Drive
Leland, NC



<u>Company Name</u>	<u>Representative's Name</u>	<u>Tel #</u>	<u>Email</u>
<u>BARNHILL</u>	<u>KYLE NEW</u>	<u>910-389-7300</u>	<u>KNEW@BARNHILLCONTRACTING.COM</u>
<u>SUPERIOR MECH</u>	<u>TOMMY KNOTTS</u>	<u>336-214-5473</u>	<u>tknotts@supmech.com</u>
<u>Muter Construction</u>	<u>Jake Bowman</u>	<u>919-495-9677</u>	<u>JBowman@muterconstruction.com</u>
<u>Tripecta</u>	<u>Jay Hill</u>	<u>910-658-0631</u>	<u>jhill@trifecta.nc.com</u>
<u>Glover Contracting & Glazing</u>	<u>Danny Glover</u>	<u>919-928-9707</u>	<u>DGlover@gcglazing.net</u>
<u>Glover Contracting & Glazing</u>	<u>Jerry Glover</u>	<u>910-929-2810</u>	<u>Jerryglover@gcglazing.net</u>
<u>Monteith Const.</u>	<u>BRIAN STAMP</u>	<u>704-292-4706</u>	<u>bstamp@monteithco.com</u>
<u>TINO TILE & MARBLE Co. Inc</u>	<u>Ryan Rosa</u>	<u>704-200-8818</u>	<u>Ryan@TinoTile.com</u>
<u>TINO TILE & MARBLE</u>	<u>CHRIS BILLOPS</u>	<u>704-657-2002</u>	<u>chris@tino tile.com</u>
<u>Reed Strickland W</u>	<u>Devis X. Banegas</u>	<u>704-690-4281</u>	<u>rvelasquez@stricklandwaterproofing.com</u>
<u>MTS Services Inc.</u>	<u>Scott Robinson</u>	<u>910-297-7730</u>	<u>SRobinson@MTSServices.com</u>
<u>Clancy Theys</u>	<u>Quinn Lancaster</u>	<u>910-876-4637</u>	<u>QuinnLancaster@clancytheys.com</u>
<u>Thermaltran Mechanical</u>	<u>Scottie Zimmerle</u>	<u>910-660-1981</u>	<u>Scottie@thermaltran.com</u>

ABBREVIATIONS

⊙	AT	MAX.	MAXIMUM
ABC	AGGREGATE BASE COURSE	MECH.	MECHANICAL
AC	ACRE	MFR.	MANUFACTURER
A.D.	ALGEBRAIC DIFFERENCE	MH	MANHOLE
AFF	ABOVE FINISHED FLOOR	MIN.	MINIMUM
AFG	ABOVE FINISHED GRADE	#	MILE
AL	AREA LIGHT		
APPROX.	APPROXIMATE	# / NO.	NUMBER
ARCH.	ARCHITECTURAL	N	NORTH
ASSY.	ASSEMBLY	NCDEQ/LQS	NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY/LAND QUALITY SECTION
BC	BOTTOM OF CURB		
B-B	BACK TO BACK	NCDDOT	NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
BEAR.	BEARING		
BLDG.	BUILDING	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
BOC	BACK OF CURB		
BOT.	BOTTOM	N/F	NOW OR FORMERLY
⊕	CENTERLINE	OD	OUTSIDE DIAMETER
⊕ ABC	CRUSHED AGGREGATE BASE COURSE	OHE	OVERHEAD ELECTRIC
CB	CATCH BASIN	NTS	NOT TO SCALE
CC	CENTER TO CENTER	OC	ON CENTER(S)
CF	CUBIC FEET	OD	OUTSIDE DIAMETER
CFM	CUBIC FEET PER MINUTE	OPNG	OPENING
C&G	CURB AND GUTTER		
CH	CHORD		
CI	CURB INLET	ⓐ	PARKING SPACE NUMBER
CL	CLASS	PB	PLAT BOOK
CNST	CONSTRUCTION	PC	POINT OF CURVATURE
CO	CLEANOUT	PERM.	PERMANENT
CO.	COMPANY	PG	PAGE
COL	CONCRETE	PI	POINT OF INTERSECTION
CONC.	CONCRETE	PL	PROPERTY LINE (——— —)
CONN	CONNECTION	PROP.	PROPOSED
CPP	CORRUGATED PLASTIC PIPE	PSI	POUNDS PER SQUARE INCH
CSP	CORRUGATED STEEL PIPE	PT	POINT OF TANGENCY
CULV.	CULVERT	PT	POINT
.	DEGREE(S)	PVC	POLYVINYL CHLORIDE
△	DELTA ANGLE	P.V.C.	POINT OF VERTICAL CURVATURE
∅ / DIA.	DIAMETER	P.V.I.	POINT OF VERTICAL INTERSECTION
DP	DEPTH / DEEP	PVMT	PAVEMENT
DB	DEED BOOK	P.V.T.	POINT OF VERTICAL TANGENCY
Dc	DEGREE OF CURVATURE		
DET	DETAIL	R	RADIUS
DI	DROP INLET	RCP	REINFORCED CONCRETE PIPE
DIP	DUCTILE IRON PIPE	RD	ROAD
DN	DOWN	REQ'D.	REQUIRED
D/W	DRIVEWAY	RJ	RESTRAINED JOINT
DWG(S).	DRAWING(S)	RR	RAILROAD
		RT	RIGHT
		R/W	RIGHT-OF-WAY
E	EAST	S	SOUTH
EA.	EACH	SAN	SANITARY
EL/ELEV	ELEVATION	SCH	SCHEDULE
ELEC.	ELECTRICAL	SDMH	STORM DRAIN MANHOLE
EOP	EDGE OF PAVEMENT	SEC	SECONDS
ESMT	EASEMENT	SECT.	SECTION
EX/EXIST	EXISTING	SED.	SEDIMENT
		SEW	SEWER
FD	FLOOR DRAIN	SF	SQUARE FEET
FES	FLARED END SECTION	SHT. / SH.	SHEET
FFE	FINISHED FLOOR ELEVATION	SP	SERVICE POLE
FH	FIRE HYDRANT	SPEC.	SPECIFICATION
FHA	FIRE HYDRANT ASSEMBLY	SQ.	SQUARE
FI	FLOW INDICATOR	SR	STATE ROAD
FLEX.	FLEXIBLE	SS	SANITARY SEWER
FL	FLOW LINE	SSCO	SANITARY SEWER CLEANOUT
FM	FORCE MAIN	SSMH	SANITARY SEWER MANHOLE
FO	FIBER OPTIC CABLE	STA.	STATION
FOP	FIBER OPTIC POST	STD.	STANDARD
FOSC	FIBER OPTIC SIGNAL CABLE	STL	STEEL
FOC	FACE OF CURB	S/W	SIDEWALK
FT	FEET	TC	TOP OF CURB
FUT	FUTURE	TEL.	TELEPHONE
		TEMP.	TEMPORARY
GA	GAUGE	TK	THICK
GAL.	GALLON	T/	TOP OF
GALV.	GALVANIZED	T.O.	TOP OF...
GEN	GENERATOR	TP	TELEPHONE PEDESTAL
G/L	GUTTER LINE	T/S	TOP OF SLAB
GV	GATE VALVE	TST	TEMPORARY SEDIMENT TRAP
GW	GUY WIRE/ANCHOR	T/W	TOP OF WALL
		TYP.	TYPICAL
HC	HANDICAP	U/G	UNDERGROUND
HD	HEAVY DUTY	UGE	UNDERGROUND ELECTRIC
HDPE	HIGH DENSITY POLYETHYLENE PIPE	UV	ULTRAVIOLET
	(SMOOTH WALL INTERIOR)	V	VALVE
HEX.	HEXAGONAL	VC	VERTICAL CURVE
HOR(I/Z).	HORIZONTAL	VERT.	VERTICAL
HP	HIGH POINT	W	WIDTH
HWL	HIGH WATER LEVEL	W	WEST
HWY.	HIGHWAY	W/	WITH
		WD	WIDE
ICV	IRRIGATION CONTROL VALVE	W/L	WATER LINE
ID	INSIDE DIAMETER	WM	WATER METER
IN(S)	INCH(ES)	WSE	WATER SURFACE ELEVATION
INV.	INVERT	WV	WATER VALVE
		WWF	WELDED WIRE FABRIC
JB	JUNCTION BOX	YD	YARD
K	CURVE COEFFICIENT	YI	YARD INLET
		YH	YARD HYDRANT
L	LENGTH		
LB(S)	POUND(S)		
LD	LIGHT DUTY		
LF	LINEAR FEET		
LG	LONG		
LP	LIGHT POLE		
LT	LEFT		
LWL	LOW WATER LEVEL		

FOR THE PURPOSE OF THE FOLLOWING NOTES:

- "CONTRACTOR" REFERS TO GENERAL CONTRACTOR
 - "OWNER" REFERS TO TOWN OF LELAND, NC OR ITS AUTHORIZED AGENTS
 - "ENGINEER" REFERS TO MCGILL ASSOCIATES
- DO NOT SCALE DRAWINGS.
 - THE CONTRACTOR SHALL ATTEND AN ON-SITE PRECONSTRUCTION CONFERENCE WITH THE OWNER'S REPRESENTATIVE(S) AND THE ENGINEER PRIOR TO BEGINNING WORK.
 - ALL WORK SHALL BE PERFORMED IN COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL PERMITS, CODES, REGULATIONS, AND ORDINANCES.
 - THE CONTRACTOR IS SOLELY RESPONSIBLE FOR SITE SAFETY ASSOCIATED WITH THE WORK RELATED TO THIS PROJECT AND FOR COMPLIANCE WITH ALL FEDERAL, STATE, AND LOCAL HEALTH AND SAFETY LAWS, CODES, REGULATIONS, AND ORDINANCES INCLUDING BUT NOT LIMITED TO THOSE CURRENTLY MANDATED BY THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA).
 - THIS PLAN IS NOT INTENDED AS A SUBSTITUTE FOR THE PERSONAL INVESTIGATION, INDEPENDENT INTERPRETATION, AND JUDGEMENT OF THE CONTRACTOR.
 - CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, AND LOCATIONS PRIOR TO BEGINNING WORK, AND IMMEDIATELY NOTIFY THE OWNER AND ENGINEER IN THE EVENT THERE ARE ANY DISCREPANCIES BETWEEN SUCH CONDITIONS AND THOSE SHOWN ON THE PLANS AND SPECIFICATIONS.
 - ALL TIE-INS SHALL BE SCHEDULED AND COORDINATED WITH THE ENGINEER AND LOCAL AUTHORITY AT LEAST 48 HOURS PRIOR TO MAKING THE CONNECTION.
 - THE CONTRACTOR SHALL KEEP THE ENGINEER INFORMED RELATIVE TO THE PROGRESS OF THE CONSTRUCTION. THE ENGINEER SHALL OBSERVE CONSTRUCTION ACTIVITIES AS REQUIRED BY NORTH CAROLINA GENERAL STATUTES 130A – 317. FAILURE OF THE CONTRACTOR TO KEEP THE ENGINEER INFORMED MAY REQUIRE UNCOVERING OF WORK TO VERIFY COMPLIANCE WITH PLANS AND SPECIFICATIONS. ANY COST ASSOCIATED WITH UNCOVERING WORK AND/OR VERIFYING COMPLIANCE SHALL BE BORNE BY THE CONTRACTOR.
 - ABSOLUTELY NO WORK SHALL BE PERFORMED ON PRIVATE PROPERTY BEYOND ANY AREA FOR WHICH EASEMENTS EXIST OR ARE TO BE PROVIDED BY THE OWNER FOR THE PURPOSES OF THIS PROJECT. THE CONTRACTOR SHALL NOT DISTURB ADJACENT PROPERTIES DURING CONSTRUCTION WITHOUT THE PRIOR WRITTEN APPROVAL OF THE OWNERS OF SAID PROPERTIES.
 - THE CONTRACTOR IS SOLELY RESPONSIBLE FOR PROVIDING THE ENGINEER WITH A SET OF RECORD (AS-BUILT) DRAWINGS. THESE DRAWINGS SHALL AT A MINIMUM SHOW THE FINAL LOCATION OF ALL CONSTRUCTED FACILITIES.
 - THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH OVERHEAD UTILITY OWNER WHEN WORKING NEAR POLES AND IS RESPONSIBLE FOR ALL WORK ASSOCIATED WITH BRACING AND SUPPORTING THE POLES DURING CONSTRUCTION.
 - THIS PLAN DOES NOT GUARANTEE THE EXISTANCE OF UNDERGROUND UTILITIES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION, SIZE, AND TYPE OF ALL UNDERGROUND UTILITIES PRIOR TO ANY CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RELOCATION (AS DIRECTED BY THE ENGINEER) OF ANY CONFLICTING UNDERGROUND UTILITIES, IF REQUIRED AT NOT ADDITIONAL COST TO THE OWNER. IT IS ADVISABLE THE CONTRACTOR VISIT THE SITE PRIOR TO BIDDING AND BECOME FAMILIAR WITH THE SITE AND ANY POTENTIAL CONFLICTS.
 - THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ALL DAMAGE CAUSED BY HIS OPERATIONS TO EXISTING UTILITIES AND FACILITIES WHICH ARE NOT INCLUDED AS PART OF THE INTENDED WORK. DAMAGED UTILITIES AND FACILITIES SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR, TO THE SATISFACTION OF THE OWNERS' REPRESENTATIVE, AT NO ADDITIONAL COST TO THE OWNER.
 - THE CONTRACTOR SHALL COORDINATE HIS CONSTRUCTION OPERATIONS WITH ANY AND ALL OTHER CONSTRUCTION ACTIVITIES WHICH MAY BE OCCURRING SIMULTANEOUSLY ON THE SITE. LACK OF COORDINATION ON THE CONTRACTOR'S PART RESULTING IN EXTRA WORK OR SCHEDULE DELAYS SHALL NOT CONSTITUTE A CHANGE ORDER.
 - THE CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES THE CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO THE "NORMAL WORKING HOURS." THE CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXEMPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.
 - ALL WORK WITHIN NCDOT RIGHTS-OF-WAY SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES.
 - THE CONTRACTOR SHALL CONTROL ALL "DUST" BY PERIODIC WATERING AND SHALL PROVIDE ACCESS AT ALL TIMES FOR PROPERTY OWNERS WITHIN THE PROJECT AREA AND FOR EMERGENCY VEHICLES. ALL OPEN DITCHES AND HAZARDOUS AREAS SHALL BE CLEARLY MARKED IN ACCORDANCE WITH THE SPECIFICATIONS.
 - CONTRACTOR SHALL REPAIR ALL DISTURBED AREAS TO EQUAL OR BETTER CONDITIONS UNLESS OTHERWISE NOTED.
 - CONTRACTOR IS REQUIRED TO ENGAGE A QUALIFIED INDEPENDENT GEOTECHNICAL ENGINEERING TESTING AGENCY LICENSED IN THE STATE OF NORTH CAROLINA TO PERFORM FIELD QUALITY CONTROL TESTING, TESTING AGENCY AND OR THE CONTRACTOR MUST PROVIDE THE OWNER WITH TWO COPIES OF ALL TESTING REPORTS. CONTRACTOR SHALL ENSURE COMPLIANCE WITH THE GEOTECHNICAL ENGINEERING REPORT BY EGS SOUTHEAST LLP TITLED "LELAND TOWN HALL ADDITION" DATED FEBRUARY 22, 2023 THROUGHOUT ALL PHASES OF CONSTRUCTION.
 - UNLESS OTHERWISE STATED, ALL FILL AREAS SHALL BE CONSTRUCTED IN LAYERS OF 8" MAXIMUM THICKNESS, WITH WATER ADDED OR SOIL CONDITIONED TO THE OPTIMUM MOISTURE CONTENT AS DETERMINED BY THE GEOTECHNICAL ENGINEER AND COMPACTED WITH A SHEEP'S FOOT

SITWORK SHEET INDEX

SHEET NUMBER SHEET TITLE

C-001 ABBREVIATIONS AND GENERAL NOTES

ECP-101 . . . EXISTING CONDITIONS SURVEY

ECP-101A . . . EXISTING CONDITIONS PLAN

ES-101 . . . EROSION AND SEDIMENTATION CONTROL PLAN - PHASE I

ES-101A . . . EROSION AND SEDIMENTATION CONTROL PLAN - PHASE II

ES-102 . . . EROSION AND SEDIMENTATION CONTROL NOTES

ES-103 . . . EROSION AND SEDIMENTATION CONTROL DETAILS

D-101 DEMOLITION PLAN

D-101A DEMOLITION PLAN

C-101 SITE PLAN

C-101A SITE PLAN

C-102 GRADING AND DRAINAGE PLAN

C-103 UTILITY PLAN

C-103A . . . EXISTING IRRIGATION SYSTEM AS-BUILTS

C-104 LANDSCAPE PLAN

C-105 SITE DETAILS

C-106 SITE DETAILS

24-0033B . . . SITE LIGHTING ARRANGEMENT

GENERAL NOTES

- ROLLER TO A COMPACTION EQUAL TO OR GREATER THAN 95% (100% IN THE TOP 2' OF THE SUB GRADE BELOW ROADWAYS AND PARKING LOTS) OF THE DENSITY OBTAINED BY COMPACTING A SAMPLE OF THE MATERIAL IN ACCORDANCE WITH THE STANDARD PROCTOR METHOD OF MOISTURE-DENSITY RELATIONSHIP TEST, ASTM D698 OR AASHTO-99 UNLESS SPECIFIED IN OTHER SPECIFICATIONS.
- ENTIRE AREA TO BE GRADED SHALL BE CLEARED AND GRUBBED. NO FILL SHALL BE PLACED ON ANY AREA NOT CLEARED AND GRUBBED.
 - ALL SOIL EROSION CONTROL MEASURES REQUIRED BY THE GRADING PLAN SHALL BE PERFORMED PRIOR TO GRADING, CLEARING OR GRUBBING. ALL EROSION CONTROL DEVICES SUCH AS SILT FENCES, ETC., SHALL BE MAINTAINED IN WORKABLE CONDITION FOR THE LIFE OF THE PROJECT AND SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT ONLY ON THE ENGINEER'S APPROVAL. PAYMENT SHALL BE CONSIDERED INCIDENTAL TO CLEARING AND GRUBBING. IF DURING THE LIFE OF THE PROJECT, A STORM CAUSES SOIL EROSION WHICH CHANGES FINISH GRADES OR CREATES "GULLIES" AND "WASHED AREAS", THESE SHALL BE REPAIRED AT NO EXTRA COST, AND ALL SILT WASHED OFF OF THE PROJECT SITE ONTO ADJACENT PROPERTY SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AT NO EXTRA COST. THE CONTRACTOR SHALL ADHERE TO ANY APPROVED EROSION CONTROL PLANS WHETHER INDICATED IN THE CONSTRUCTION PLANS OR UNDER SEPARATE COVER.
 - THE CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF ADJUSTMENT OF ALL UTILITY SURFACE ACCESSSES WHETHER HE PERFORMS THE WORK OR A UTILITY COMPANY PERFORMS THE WORK.
 - ALL AREAS WHERE THERE IS EXPOSED DIRT SHALL BE SEEDED, FERTILIZED AND MULCHED ACCORDING TO THE SPECIFICATIONS. THE FINISHED SURFACE SHALL BE TO GRADE AND SMOOTH, FREE OF ALL ROCKS LARGER THAN 3", EQUIPMENT TRACKS, DIRT CLODS, BUMPS, RIDGES AND GOUGES PRIOR TO SEEDING; THE SURFACE SHALL BE LOOSENEED TO A DEPTH OF ±4"-6" TO ACCEPT SEED. THE CONTRACTOR SHALL NOT CLEARING AND GRUBBING. IF DURING THE LIFE OF THE PROJECT, A STORM CAUSES SOIL EROSION WHICH CHANGES FINISH GRADES OR CREATES "GULLIES" AND "WASHED AREAS", THESE SHALL BE REPAIRED AT NO EXTRA COST, AND ALL SILT WASHED OFF OF THE PROJECT SITE ONTO ADJACENT PROPERTY SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AT NO EXTRA COST. THE CONTRACTOR SHALL ADHERE TO ANY APPROVED EROSION CONTROL PLANS WHETHER INDICATED IN THE CONSTRUCTION PLANS OR UNDER SEPARATE COVER.
 - WHERE SPECIFIED, STORM DRAIN PIPE SHALL BE REINFORCED CONCRETE PIPE (RCP) CONFORMING TO AASHTO M-170, AS CONTAINED IN NCDOT STANDARD SPECIFICATION 1032-9 FOR WALL TYPE.
 - WHERE SPECIFIED, ALL STORM DRAIN PIPE SHALL BE CORRUGATED HIGH DENSITY POLYETHYLENE PIPE (HDPE), SMOOTH WALL INTERIOR, CONFORMING WITH AASHTO DESIGNATION M294 AND M252, WITH WATER TIGHT JOINTS, BACKFILLED WITH # 57 WASHED STONE UP TO MIN. 6" OVER THE TOP OF THE PIPE.
 - CONTRACTOR SHALL VERIFY ALL ELEVATIONS BEFORE INSTALLATION OF FACILITIES.
 - INLETS CAST-IN-PLACE SHALL CONFORM TO THE REQUIREMENTS OF NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES (LATEST EDITION) ARTICLES 840-1 THROUGH 840-3. CURB INLET SHALL CONFORM TO NCDOT STANDARD DETAILS 840.02 THROUGH 840.04. DROP INLETS SHALL CONFORM TO STANDARD DETAIL 840.14. JUNCTION BOXES SHALL CONFORM TO STANDARD DETAIL 840.31.
 - CURB INLET FRAME, GRATE AND HOOD SHALL BE NEENAH R-32339A OR EQUAL. FIELD INLET COVER SHALL CONFORM TO NCDOT STANDARD DETAIL 840.04, OPENING FACING UPSTREAM.
 - CONCRETE AND MASONRY SHALL MEET THE REQUIREMENTS OF APPROPRIATE SECTION OF NCDOT STANDARD SPECIFICATIONS FOR ROAD AND STRUCTURES (LATEST EDITION). CONCRETE SHALL BE CLASS A OR B, 4000 PSI MINIMUM, MEETING THE REQUIREMENTS OF SECTION 1000, CONSTRUCTED IN ACCORDANCE WITH SECTION 825. MASONRY SHALL MEET THE REQUIREMENTS OF SECTION 1040, CONSTRUCTED IN ACCORDANCE WITH SECTION 830 AND/OR 834.
 - ALL STORM AND SANITARY SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT AND SHALL HAVE TRAFFIC BEARING RING AND COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 6" ABOVE FINISHED GRADE. LIDS SHALL BE LABELED ACCORDINGLY.
 - DURING CONSTRUCTION ALL FIRE HYDRANTS ARE TO REMAIN ACCESSIBLE.
 - CONTRACTOR TO PROVIDE ALL AS-BUILT INFORMATION FOR THE PARKING LOT AND STORMWATER INFRASTRUCTURE. AS-BUILTS SHALL BE PROVIDED IN A GIS SHAPEFILE FORMAT TO THE OWNER FOLLOWING CONSTRUCTION. REFERENCE THE AS-BUILT DRAWINGS REQUIREMENT ON THE TOWN OF LELAND'S WEBSITE AT:
HTTPS://WWW.TOWNOFLELAND.COM/PUBLIC-SERVICES/STORMWATER MANAGEMENT &
HTTPS://WWW.TOWNOFLELAND.COM/PUBLIC-SERVICES/STREETS

GENERAL UTILITY NOTES

- THE APPROXIMATE LOCATION OF ALL KNOWN UNDERGROUND UTILITIES ARE SHOWN ON THE PLANS. THE CONTRACTOR SHALL VERIFY THE TRUE LOCATION PRIOR TO COMMENCING WORK. IN THE EVENT A CONFLICT OR POTENTIAL CONFLICT IS IDENTIFIED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.
- THE CONTRACTOR SHALL COORDINATE ALL WORK AFFECTING UTILITIES WITH THE RESPECTIVE UTILITY COMPANY OWNER. ALL DETAILS OF CONSTRUCTION AND/OR RELOCATION SHALL BE APPROVED BY THE UTILITY OWNERS AND OTHER APPROVING AGENCIES, IF REQUIRED.
- PROTECTION OF EXISTING STRUCTURES DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
- ALL UTILITY CONSTRUCTION SHALL BE IN ACCORDANCE WITH BRUNSWICK REGIONAL WATER AND SEWER H2GO WATER DISTRIBUTION AND WASTEWATER COLLECTION AND DUKE ENERGY PROGRESS CONSTRUCTION STANDARDS.
- RELATION BETWEEN WATER MAINS AND SEWER LINES:
 - HORIZONTAL AND VERTICAL SEPARATION:
 - WATERLINES SHALL BE LAID AT LEAST 10 FEET HORIZONTALLY FROM ANY EXISTING OR PROPOSED SEWER LINE. THE DISTANCE SHALL BE MEASURED FROM EDGE TO EDGE. IF AN OBSTRUCTION PROHIBITS A 10-FOOT SEPARATION, THE CONTRACTOR SHALL CONTACT THE ENGINEER. INSTEAD OF THE WATER MAIN CLOSER TO A SEWER LINE IS ALLOWED PROVIDED THAT THE WATER MAIN IS IN A SEPARATE TRENCH OR ON AN UNDISTURBED EARTH SHELF LOCATED ON ONE SIDE OF THE SEWER AND AT AN ELEVATION SO THE BOTTOM OF THE WATER MAIN IS AT LEAST 18-INCHES ABOVE THE TOP OF THE SEWER.
 - IF IT IS IMPOSSIBLE TO OBTAIN PROPER HORIZONTAL AND VERTICAL SEPARATION AS DESCRIBED ABOVE OR ANY TIME THE SEWER IS OVER THE WATER MAIN, BOTH THE WATER MAIN AND SEWER LINE MUST BE CONSTRUCTED OF FERROUS PIPE COMPLYING WITH PUBLIC WATER SUPPLY DESIGN STANDARDS AND PRESSURE TESTED TO 150 PSI (MINIMUM) TO ASSURE WATERTIGHTNESS BEFORE BACKFILLING.
 - CROSSINGS
 - FOR WATER MAINS CROSSING UNDER SEWER LINES: LINES SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 18-INCHES BETWEEN THE OUTSIDE EDGE OF THE WATER MAIN AND THE OUTSIDE EDGE OF THE SEWER LINE. THE CROSSING SHALL BE ARRANGED SO THAT ONE 20-FOOT SECTION OF WATERLINE SHALL BE CENTERED AT THE CROSSING. ONE OF THE FOLLOWING METHODS MUST THEN BE UTILIZED AS DIRECTED BY THE ENGINEER:
 - THE SEWER SHALL BE DESIGNED AND CONSTRUCTED OF FERROUS PIPE AND SHALL BE PRESSURE TESTED AT 150 PSI TO ASSURE WATERTIGHTNESS PRIOR TO BACKFILLING OR,
 - EITHER THE WATER MAIN OR SEWER LINE MAY BE ENCASED IN A WATERTIGHT CARRIER PIPE WHICH EXTENDS 10- FEET BEYOND BOTH SIDES OF THE CROSSING, MEASURED PERPENDICULAR TO THE WATER MAIN. THE CARRIER PIPE SHALL BE OF A MATERIAL APPROVED BY THE REGULATORY AGENCY FOR USE IN WATER MAIN CONSTRUCTION.
 - FOR WATER MAINS CROSSING OVER A SEWER LINE: LINES SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 18-INCHES BETWEEN THE OUTSIDE EDGE OF THE WATER MAIN AND THE OUTSIDE EDGE OF THE SEWER. IN AN 18-INCH MINIMUM VERTICAL SEPARATION CANNOT BE MET, THEN THE WATERLINE SHALL BE CONSTRUCTED OF A FERROUS MATERIAL WITH ONE 20-FOOT SECTION OF PIPE CENTERED AT THE CROSSING. ONE OF THE CROSSING CONSTRUCTION METHODS ABOVE: (6.8.I.) OR II) SHALL BE UTILIZED.

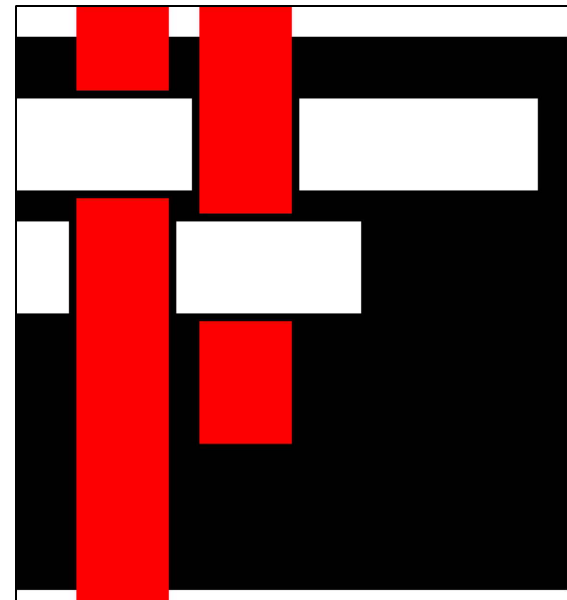
UTILITY PROVIDERS

NATURAL GAS:	N/A	
TELEPHONE:	SPECTRUM	844-909-1256
CABLE TELEVISION / INTERNET:	SPECTRUM	844-909-1256
ELECTRIC:	DUKE ENERGY PROGRESS	800-452-2777
WATER:	BRUNSWICK REGIONAL WATER & SEWER (H2GO)	910-371-9949
SEWER:	BRUNSWICK REGIONAL WATER & SEWER (H2GO)	910-371-9949

NOTE:
AN EFFORT HAS BEEN MADE TO LOCATE AND SHOW APPROXIMATE LOCATION OF EXISTING UNDERGROUND UTILITY LINES. ALL BURIED UTILITIES ARE NOT NECESSARILY SHOWN. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL UTILITIES AND VERIFY LOCATION OF SUCH, PRIOR TO START OF CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND PRESERVE ALL UTILITY SERVICES.

CAUTION NOTE TO CONTRACTOR
FIRE APPARATUS ROADS AND WATER SHALL BE IN PLACE AND FUNCTIONING BEFORE COMBUSTIBLE MATERIALS ARE PLACED ON THE PROPERTY.

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Fax: 910.791.5266
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Digitally signed by Alex D. Lapinsky Date: 2024.04.16 09:42:51-0400
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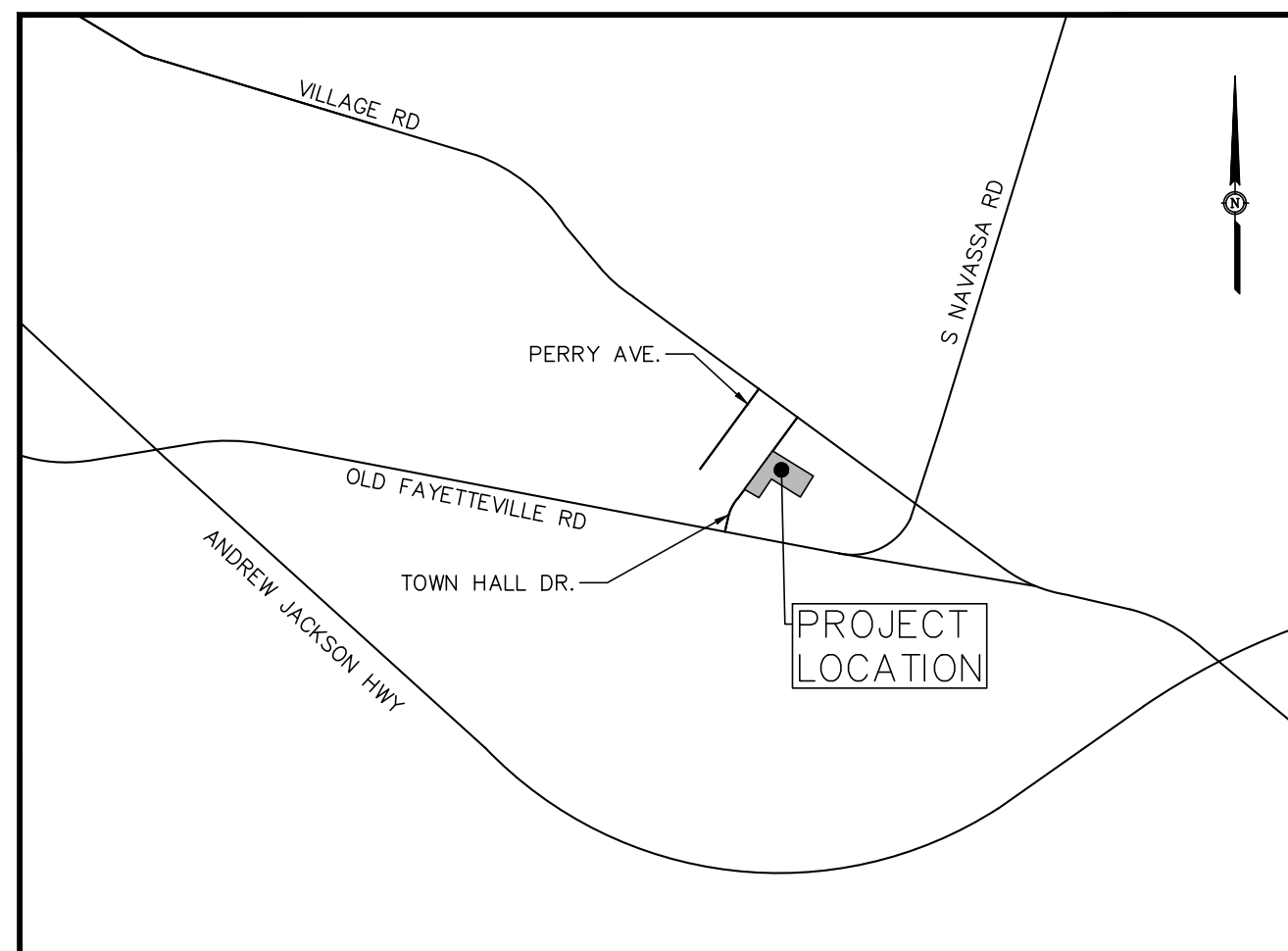
Leland Town Hall Addition & Renovations
102 Town Hall Drive
Leland, NC 28451

Issue Date: February 12, 2024

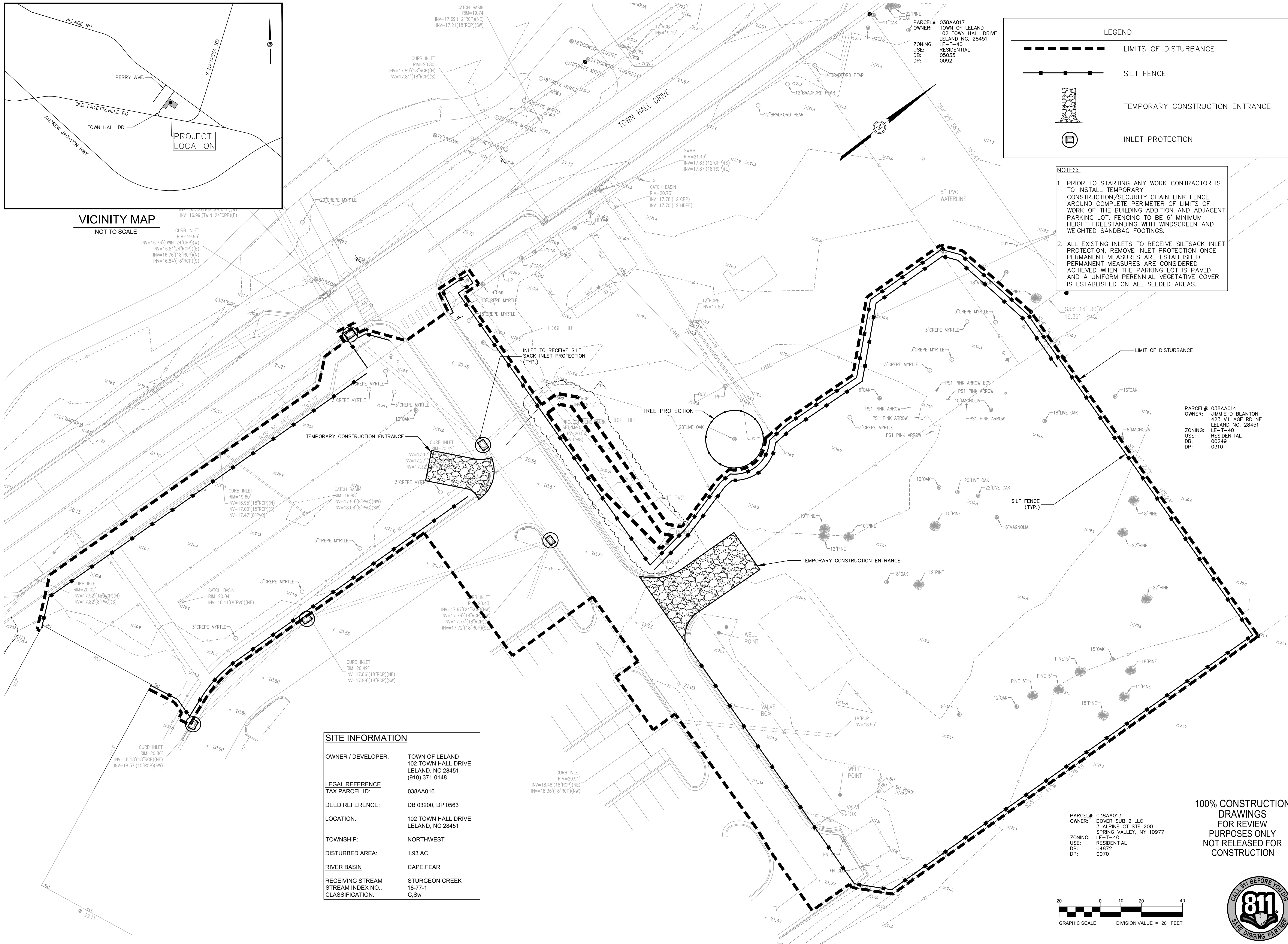
Abbreviations and General Notes

Rev.	Date	Notes
1	4/17/24	Added E&S Sheet, revised sheet title.

C-001



VICINITY MAP
NOT TO SCALE



LEGEND

- LIMITS OF DISTURBANCE
- - - SILT FENCE
- - - TEMPORARY CONSTRUCTION ENTRANCE
- ⊗ INLET PROTECTION

- NOTES:**
- PRIOR TO STARTING ANY WORK CONTRACTOR IS TO INSTALL TEMPORARY CONSTRUCTION/SECURITY CHAIN LINK FENCE AROUND COMPLETE PERIMETER OF LIMITS OF WORK OF THE BUILDING ADDITION AND ADJACENT PARKING LOT. FENCING TO BE 6' MINIMUM HEIGHT FREESTANDING WITH WINDSCREEN AND WEIGHTED SANDBAG FOOTINGS.
 - ALL EXISTING INLETS TO RECEIVE SILTSACK INLET PROTECTION. REMOVE INLET PROTECTION ONCE PERMANENT MEASURES ARE ESTABLISHED. PERMANENT MEASURES ARE CONSIDERED ACHIEVED WHEN THE PARKING LOT IS PAVED AND A UNIFORM PERENNIAL VEGETATIVE COVER IS ESTABLISHED ON ALL SEEDED AREAS.

SITE INFORMATION

OWNER / DEVELOPER:	TOWN OF LELAND 102 TOWN HALL DRIVE LELAND, NC 28451 (910) 371-0148
LEGAL REFERENCE TAX PARCEL ID:	038AA016
DEED REFERENCE:	DB 03200, DP 0563
LOCATION:	102 TOWN HALL DRIVE LELAND, NC 28451
TOWNSHIP:	NORTHWEST
DISTURBED AREA:	1.93 AC
RIVER BASIN	CAPE FEAR
RECEIVING STREAM	STURGEON CREEK
STREAM INDEX NO.:	18-77-1
CLASSIFICATION:	C:Sw



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Date: 2024.04.18
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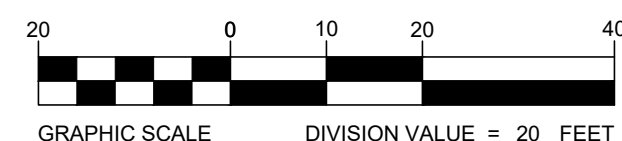
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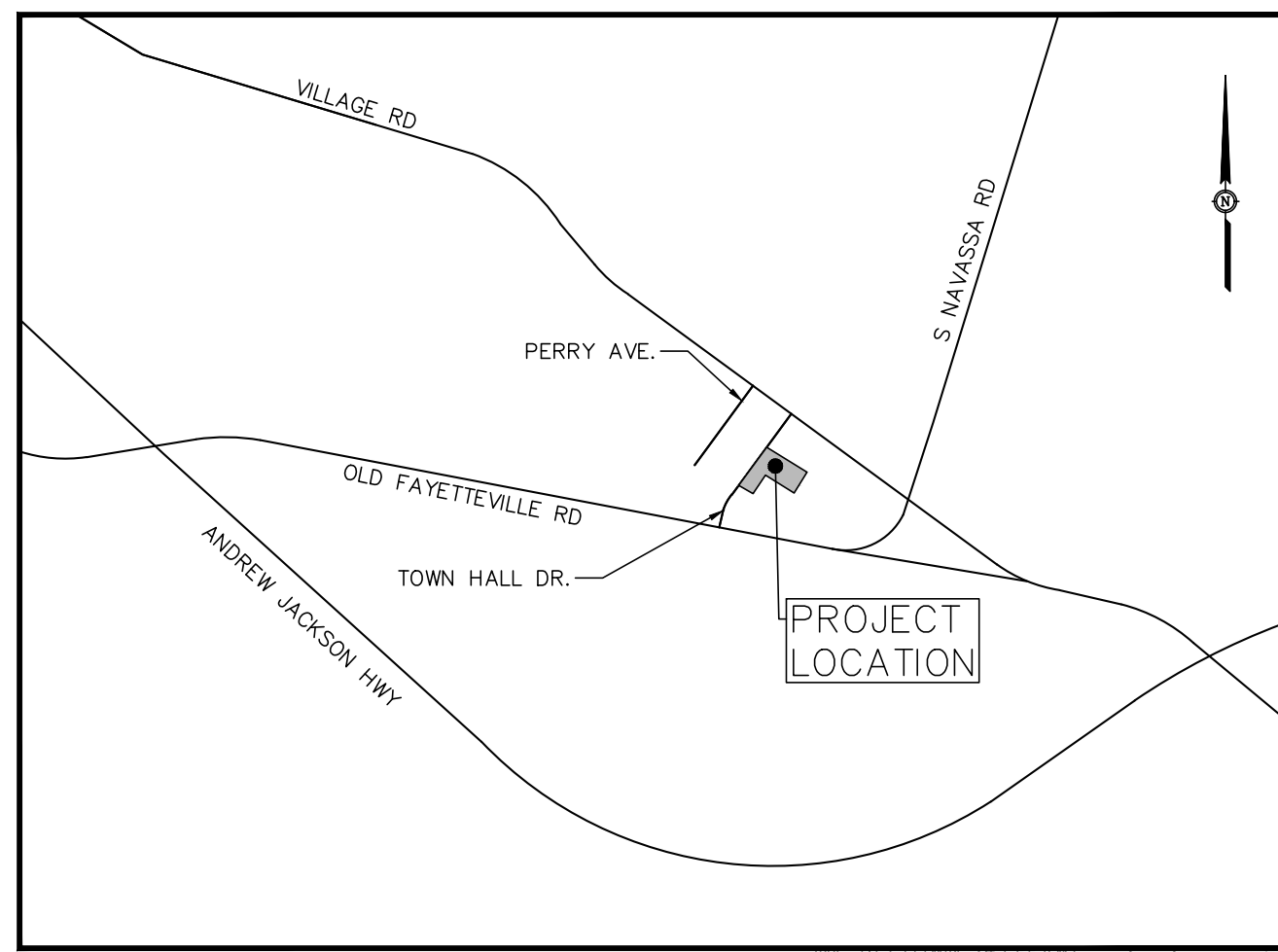
Erosion and Sedimentation Control Plan - Phase I

Rev.	Date	Notes
1	4/17/24	Revised LOD

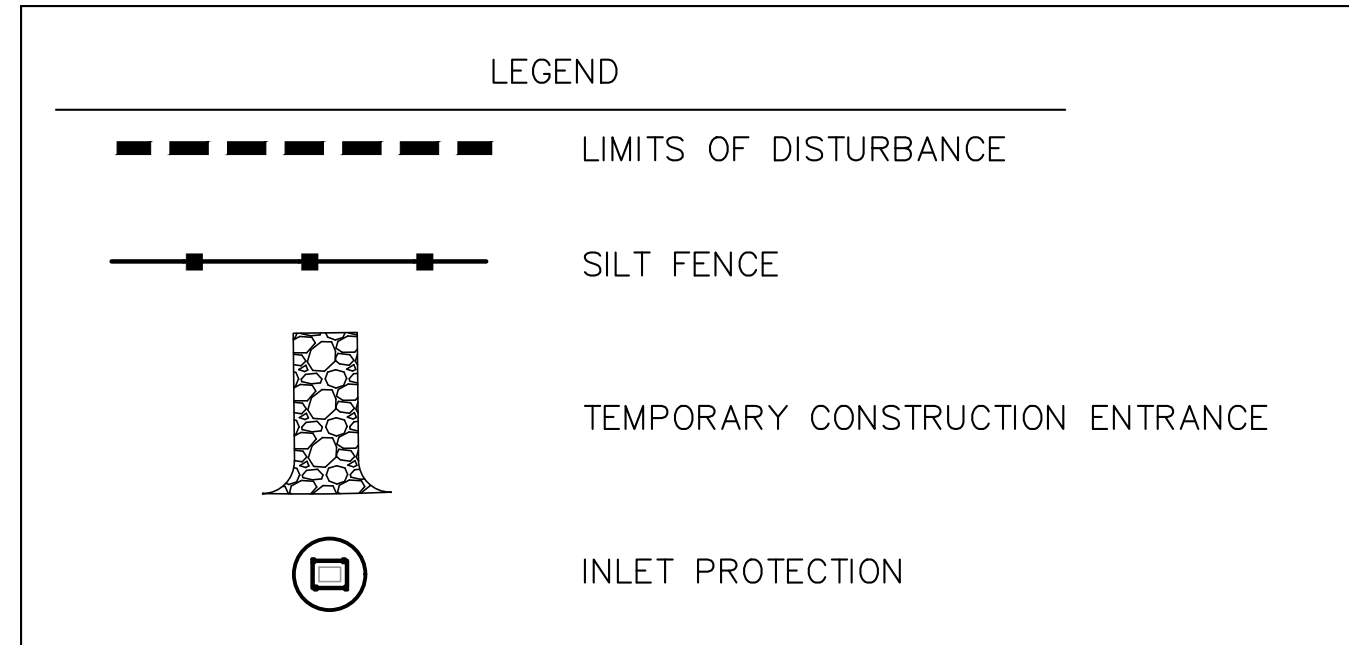
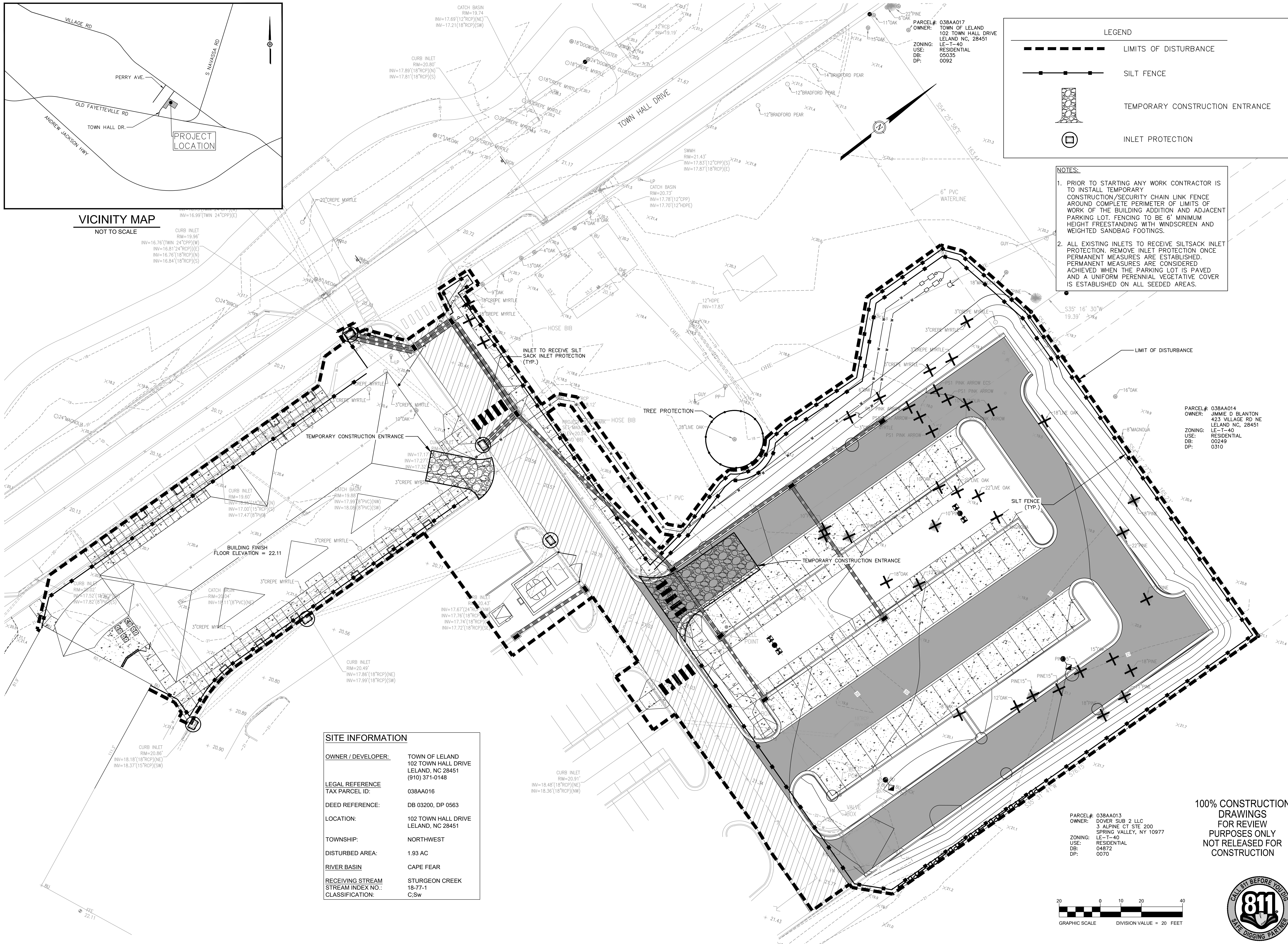
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ES-101



VICINITY MAP
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NOTES:

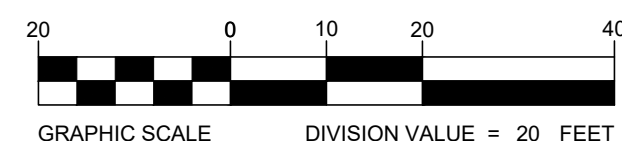
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- ALL EXISTING INLETS TO RECEIVE SILTSACK INLET PROTECTION. REMOVE INLET PROTECTION ONCE PERMANENT MEASURES ARE ESTABLISHED. PERMANENT MEASURES ARE CONSIDERED ACHIEVED WHEN THE PARKING LOT IS PAVED AND A UNIFORM PERENNIAL VEGETATIVE COVER IS ESTABLISHED ON ALL SEEDED AREAS.

SITE INFORMATION

OWNER / DEVELOPER:	TOWN OF LELAND 102 TOWN HALL DRIVE LELAND, NC 28451 (910) 371-0148
LEGAL REFERENCE TAX PARCEL ID:	038AA016
DEED REFERENCE:	DB 03200, DP 0563
LOCATION:	102 TOWN HALL DRIVE LELAND, NC 28451
TOWNSHIP:	NORTHWEST
DISTURBED AREA:	1.93 AC
RIVER BASIN	CAPE FEAR
RECEIVING STREAM	STURGEON CREEK
STREAM INDEX NO.:	18-77-1
CLASSIFICATION:	C:Sw

PARCEL# 038AA013
OWNER: DOVER SUB 2 LLC
3 ALPINE CT STE 200
SPRING VALLEY, NY 10977
LE-T-40
ZONING: RESIDENTIAL
USE: 04872
DB: 0070
DP:

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SIGNED AND DATED:
Alex D. Lapinsky
Digitally signed by Alex D. Lapinsky
Date: 2024.04.18
16:09:34 -0400
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Leland Town Hall Addition & Renovations
102 Town Hall Drive
Leland, NC 28451

Issue Date: February 12, 2024

Erosion and Sedimentation Control Plan - Phase II

Rev.	Date	Notes

ES-101A

GROUND STABILIZATION AND MATERIALS HANDLING PRACTICES FOR COMPLIANCE WITH THE NCGO1 CONSTRUCTION GENERAL PERMIT

Implementing the details and specifications on this plan sheet will result in the construction activity being considered compliant with the Ground Stabilization and Materials Handling sections of the NCGO1 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, ditch 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. 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
(d) Slopes 3:1 to 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
(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
<ul style="list-style-type: none"> Temporary grass seed covered with straw or other mulches and fasteners. Hydroseeding. Roll-on erosion control products with or without temporary grass seed. Appropriately applied straw or other mulch. Plastic sheeting. 	<ul style="list-style-type: none"> Permanent grass seed covered with straw or other mulches and fasteners. Geotextile fabrics such as permanent soil reinforcement matting. Shrubs or other permanent plantings covered with mulch. Uniform and evenly distributed ground cover sufficient to restrain erosion. Structural methods such as concrete, asphalt or rock. Roll-on 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 offsite.
- 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 project.
- Collect all spent fluids, store in separate containers and properly dispose as hazardous waste (recycle when possible).
- Remove leaking vehicles and construction equipment from service until the problem has been corrected.
- Bring used fuels, lubricants, coolants, hydraulic fluids and other petroleum products to a recycling or disposal center that handles these materials.

LITTER, BUILDING MATERIAL AND LAND CLEARING WASTE

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

PAINT AND OTHER LIQUID WASTE

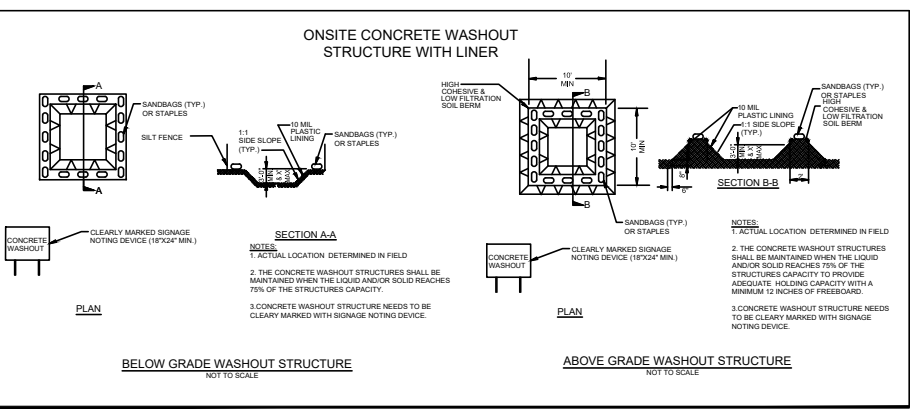
- Do not dump paint and other liquid waste into storm drains, streams or wetlands.
- Locate paint washouts at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
- Contain liquid wastes in a controlled area.
- Containment must be labeled, 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 foot traffic areas.
- 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 from storm drain inlets, sediment basins, perimeter sediment controls and surface waters unless it can be shown no other alternatives are reasonably available.
- 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 points 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/settle, 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 spill 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 loadings 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.
- At the completion of the concrete work, remove remaining loadings 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

- Do not apply herbicides, pesticides and rodenticides in accordance with label restrictions.
- Store herbicides, pesticides and rodenticides in their original containers with the label, which lists directions for use, 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.

HAZARDOUS AND TOXIC WASTE

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

EROSION & SEDIMENTATION CONTROL NARRATIVE

PROJECT DESCRIPTION

THE PURPOSE OF THE PROJECT IS THE CONSTRUCTION OF A 21,200 SF 2-STORY ADDITION, HVAC UPGRADE AND 6,000 SF OF INTERIOR RENOVATIONS TO THE EXISTING LELAND TOWN HALL BUILDING, A PARKING LOT EXPANSION ADJACENT TO THE BUILDING ADDITION, AND RELATED SITEWORK.

1.95 ACRES WILL BE DISTURBED AS PART OF THIS PROJECT. THE LIMITS OF DISTURBANCE ARE DEFINED ON THE PLANS.

ADJACENT PROPERTY

THE PROJECT IS BOUND TO THE NORTH BY VILLAGE ROAD; TO THE EAST BY MULTIFAMILY CONDOS ON PARCEL #038A013, TO THE WEST BY TOWN HALL DRIVE AND SOUTH BY OLD FAYETTEVILLE ROAD. THE LAND USAGE ON THE ADJACENT PARCELS IS MAINLY RESIDENTIAL AND COMMERCIAL, NO UNDEVELOPED PARCELS ARE PRESENT IN THE VICINITY OF THE SITE. THE SITE IS LOCATED IN AN URBAN AREA DUE TO ITS LOCATION WITHIN TOWN OF LELAND'S CITY LIMITS.

EXISTING SITE CONDITIONS

THE EXISTING TOWN HALL SITE CURRENTLY CONTAINS THE TOWN HALL BUILDING AND ASSOCIATED PARKING; IT DRAINS TO TWO EXISTING STORMWATER COLLECTION SYSTEMS. ONE LOCATED NEAR THE CENTER OF THE SITE AND THE OTHER IN THE SOUTHEAST CORNER OF THE SITE. THE EXISTING STORMWATER DRAINAGE SYSTEM FLOWS FROM EAST TO WEST ACROSS THE SITE.

THE PROJECT AREA CONTAINS FLAT TO GRADUAL SLOPES. IN GENERAL, THE SITE SLOPES TOWARDS THE EXISTING STORMWATER COLLECTION SYSTEMS.

SOILS

A SOIL BORING REPORT WAS PERFORMED BY ECS SOUTHEAST, LLP, DATED FEBRUARY 23, 2023, AS PART OF THIS WORK. GROUNDWATER WAS FOUND APPROXIMATELY 10.25' TO 11' BELOW EXISTING GRADE. A SOILS REPORT FROM THE NCRS WAS ALSO GENERATED FOR THE PROJECT ACCORDING TO THE NCRS SOIL SURVEY MAP. THE SOILS AT THE SITE ARE BAYMEADE FINE SAND, AND BAYMEADE AND MARYNN SOILS. BAYMEADE SOILS FALL IN THE HYDROLOGIC SOIL GROUP A CLASSIFICATION AND ARE CONSIDERED WELL DRAINED; BAYMEADE AND MARYNN SOILS FALL IN THE HYDROLOGIC SOIL GROUP A/B CLASSIFICATION AND ARE ALSO CONSIDERED WELL DRAINED SOILS. BOTH SOIL CLASSIFICATIONS ON-SITE ARE IN THE "VERY LOW" RUNOFF CLASS.

EROSION & SEDIMENT CONTROL MEASURES

UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION & SEDIMENT CONTROL PRACTICES SHALL BE CONSTRUCTED AND MAINTAINED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS OF THE NORTH CAROLINA EROSION & SEDIMENT CONTROL PLANNING AND DESIGN MANUAL. THE CONTRACTOR SHALL SECURE AND MAINTAIN ON SITE A COPY OF EACH PUBLICATION AND ADHERE TO ALL PRACTICES CONTAINED THEREIN WHICH MAY BE PERTINENT TO THIS PROJECT.

THE MAIN CONTROL MEASURES PROPOSED TO PREVENT THE TRANSPORT OF SEDIMENT OFF-SITE ARE INLET PROTECTION DEVICES AND SILT FENCE. AREAS OF DISTURBANCE WILL BE KEPT TO A MINIMUM DURING THE PROJECT. DISTURBED AREAS WILL BE QUICKLY STABILIZED WITH PERMANENT SURFACES DUE TO THE NEED FOR THE PROJECT FEATURES TO BE AVAILABLE FOR USE BY THE TOWN. THE SOILS ON-SITE, DUE TO THEIR LOW RUNOFF POTENTIALS AND GRADUAL (FLAT) SLOPES, WILL HELP REDUCE THE TOTAL AMOUNT OF RUNOFF THAT'S GENERATED FROM THE PROJECT. THE COMBINATION OF THE ON-SITE SOILS, PROJECT CONSTRUCTION SEQUENCE, AND PROPOSED CONTROL MEASURES ARE ANTICIPATED TO PREVENT THE TRANSPORT OF SEDIMENT OFF-SITE. THE AFOREMENTIONED REASONS ARE PROVIDED FOR JUSTIFICATION OF THE LACK OF A SEDIMENT CONTROL DEVICE THAT DEWATERS FROM THE TOP FOR THE PROPOSED PROJECT.

STRUCTURAL PRACTICES

- TOPSOILING / STOCKPILE — 6.04:** TOPSOIL IS TO BE STRIPPED FROM THE AREA OF CONSTRUCTION AND STOCKPILED IN DESIGNATED AREAS AND STABILIZED AS REQUIRED.
- TREE PROTECTION — 6.05:** TREE PROTECTION FENCE IS TO BE USED TO IDENTIFY AND PROTECT VEGETATION ON SITE FROM DAMAGE DURING CONSTRUCTION AS SHOWN ON THE PLANS. IT IS ALSO TO PREVENT THE UNNECESSARY REMOVAL OF VEGETATION DURING CONSTRUCTION. LIMITS OF TREE PROTECTION MAY BE MODIFIED THROUGHOUT CONSTRUCTION TO ENSURE THE SURVIVAL OF THE VEGETATION DESIGNATED ON THE PLANS.
- CONSTRUCTION ENTRANCE — 6.06:** TEMPORARY CONSTRUCTION ENTRANCES ARE TO BE INSTALLED AND MAINTAINED THROUGHOUT CONSTRUCTION. A TEMPORARY CONSTRUCTION ENTRANCE SHALL BE PROVIDED FOR ANY PHASE OR PORTION OF A PHASE CONNECTING TO A PAVED ROADWAY. ANY AND ALL MATERIAL OR DEBRIS TRACKED ONTO A PUBLIC OR PRIVATE ROAD WILL BE CLEANED THOROUGHLY AT THE END OF EACH DAY. SEDIMENT SHALL BE REMOVED FROM ROADS BY SHOVELING OR SWEEPING AND MAY BE TRANSPORTED TO A SEDIMENT CONTROLLED DISPOSAL AREA.
- TEMPORARY SEEDING — 6.10:** ALL DENUED AREAS LEFT DORMANT FOR EXTENDED PERIODS OF TIME SHALL BE SEEDDED WITH FAST GERMINATING VEGETATION. SELECTION OF THE SEED WILL DEPEND ON THE TIME OF YEAR IT IS APPLIED.
- PERMANENT SEEDING — 6.11:** ALL AREAS NOT OTHERWISE DENUED ON THE PLAN WITHIN THE LIMITS OF CONSTRUCTION OR WITHIN STORMWATER CONVEYANCE SYSTEMS LOCATED IN DRAINAGE EASEMENTS RECEIVING RUNOFF FROM CONSTRUCTION ACTIVITIES ARE TO BE SEEDDED WITH APPROVED VEGETATION. SELECTION OF SEED WILL DEPEND ON TIME OF YEAR IT IS APPLIED.
- HARDWARE CLOTH AND GRAVEL INLET PROTECTION — 6.51:** CLOTH AND GRAVEL INLET PROTECTION WILL BE INSTALLED AS SHOWN ON PLANS TO PREVENT SEDIMENT FROM ENTERING YARD INLETS, GRADED STORM DRAINS, OR DROP INLETS DURING CONSTRUCTION. UTILIZING INLET PROTECTION ALLOWS EARLY USE OF THE STORM DRAIN SYSTEM.
- SILT FENCE BARRIER — 6.62:** SILT FENCE SEDIMENT BARRIERS WILL BE INSTALLED AS SHOWN ON PLAN, UNLESS OTHERWISE SPECIFIED, THE SILT FENCE WILL ALSO REPRESENT THE LIMITS OF CONSTRUCTION AND DISTURBANCE.

MANAGEMENT STRATEGIES

- LAND DISTURBING ACTIVITIES SHALL BE PLANNED & CONDUCTED TO LIMIT EXPOSURE TO THE SHORTEST FEASIBLE TIME.
- INSPECT AND REPAIR ALL EROSION CONTROL MEASURES.
- INSTALL ADDITIONAL EROSION CONTROL MEASURES AS NEEDED THROUGH THE LIFE OF THE PROJECT.
- STABILIZE ALL DISTURBED AREAS IN ACCORDANCE WITH GENERAL PERMIT NCG 010000.
- MAINTAIN ALL FACILITIES THROUGHOUT THE CONSTRUCTION OPERATION.
- UPON ESTABLISHMENT & STABILIZATION OF VEGETATION, REMOVE ALL EROSION CONTROL MEASURES AND STABILIZE.

PERMANENT STABILIZATION

AFTER CONSTRUCTION ALL GRASSED AREAS ARE TO BE PERMANENTLY STABILIZED WITH TOPSOIL AND SEEDING UNLESS SODDING OR SPRIGGING IS OTHERWISE SPECIFIED. SEEDING IS TO FOLLOW THE GUIDELINES AS FOUND ON THIS PLAN. ANY CUT AND FILL SLOPES FOUND TO BE EXCESSIVELY ERODING AFTER PERMANENT STABILIZATION SHALL BE PROVIDED WITH ADDITIONAL STABILIZATION MEASURES UNTIL THE PROBLEM IS CORRECTED. IF ADDITIONAL STABILIZATION MEASURES ARE REQUIRED, EROSION CONTROL MATTING AND/OR SOD MAY BE USED.

EROSION CONTROL DESIGN

ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE NORTH CAROLINA EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL. SELECTION OF EROSION AND SEDIMENT CONTROL PRACTICES TAKES INTO ACCOUNT THE EXISTING TOPOGRAPHY AND VEGETATION. THE PRIMARY EROSION CONTROL PRACTICE FOR RUNOFF FROM CONSTRUCTION ACTIVITIES FOR THIS PROJECT IS SILT FENCE, INLET PROTECTION AND A TEMPORARY CONSTRUCTION ENTRANCE WILL BE USED TO PREVENT SEDIMENT FROM LEAVING THE PROJECT SITE.

SEQUENCE OF CONSTRUCTION

THE FOLLOWING SEQUENCE OF CONSTRUCTION IS GENERAL AND COVERS MAJOR WORK ITEMS. THIS SEQUENCE IS PROVIDED AS A GUIDE FOR LIMITING EROSION AND THE LOSS OF SEDIMENT TO OFF-SITE AREAS. IT IS NOT INTENDED TO LIMIT THE CONTRACTOR TO CERTAIN MEANS, METHODS AND/OR TIMES FOR DOING WORK. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SCHEDULING AND PERFORMING HIS/HER WORK. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR PREVENTING ERODED SOILS FROM LEAVING THE SITE. THE CONTRACTOR SHALL NOTIFY THE ENGINEER SHOULD THERE BE ANY FORESEEN SIGNIFICANT CONFLICTS WITH THE INTENT OF THIS SEQUENCE AND SHALL PROVIDE IN WRITING TO THE ENGINEER RECOMMENDATIONS FOR ALTERING THE SEQUENCE.

- ACQUIRE ALL NECESSARY PERMITS AND APPROVALS.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND PRODUCT INFORMATION FOR ALL PROPOSED WORK TO THE ENGINEER FOR REVIEW AND APPROVAL AT LEAST TWO WEEKS PRIOR TO STARTING CONSTRUCTION.
- ENGINEER CERTIFICATIONS ARE REQUIRED FOR THIS PROJECT. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL WORK REQUIRING CERTIFICATIONS WITH ENGINEER.
- INSTALL TEMPORARY CONSTRUCTION ENTRANCE(S) AND REQUIRED SIGNAGE WHERE SHOWN ON THESE PLANS. THE STONE AREA OF THE CONSTRUCTION ENTRANCE IS TO BE CHECKED REGULARLY TO ENSURE IT IS SUFFICIENT TO REDUCE TRACKING OF MATERIAL OFF SITE. ANY AND ALL MATERIAL OR DEBRIS TRACKED ONTO A PUBLIC OR PRIVATE ROAD SHALL BE REMOVED THOROUGHLY AT THE END OF EACH DAY. SEDIMENT SHALL BE REMOVED FROM ROADS BY SHOVELING OR SWEEPING AND MAY BE TRANSPORTED TO A SEDIMENT CONTROLLED DISPOSAL AREA. LOCATION OF CONSTRUCTION ENTRANCE(S) SHOWN ON THESE PLANS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED BY CONTRACTOR PRIOR TO INSTALLATION. CONSTRUCTION ENTRANCE SHALL NOT BE LOCATED WITHIN (3) FEET OF WATER METERS, SEWER CLEANOUTS, TRANSFORMERS, LIGHT POLES, FIRE HYDRANTS, AND ANY OTHER ABOVE GROUND APPURTENANCES.
- ESTABLISH A WORKING PERIMETER WITH SILT FENCE AND TREE PROTECTION AS SHOWN ON THESE PLANS. SILT FENCE AND TREE PROTECTION ARE TO BE CHECKED REGULARLY FOR UNDERMINING OR DETERIORATION OF THE FABRIC. SEDIMENT SHALL BE REMOVED WHEN THE LEVEL OF SEDIMENT DEPOSITION REACHES ONE-THIRD THE HEIGHT TO THE TOP OF THE BARRIER. WHERE PUBLIC SIDEWALK EXISTS, CONTRACTOR SHALL ENSURE SILT FENCE AND TREE PROTECTION DOES NOT IMPEDE PEDESTRIAN TRAFFIC. NO CONSTRUCTION WORKERS, TOOLS, MATERIALS OR VEHICLES ARE PERMITTED WITHIN THE TREE PROTECTION FENCING.
- INSTALL SILTSACK INLET AND/OR OUTLET PROTECTION ON ALL STORMWATER CONVEYANCE SYSTEMS RECEIVING RUNOFF FROM CONSTRUCTION ACTIVITIES. LOCATIONS SHOWN ON THE PLAN ARE APPROXIMATE AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR TO ENSURE COMPLIANCE WITH ALL LOCAL AND STATE REGULATIONS.
- AFTER THE ABOVE ITEMS NO. 1, 4, 5, AND 6 ARE COMPLETE THE CONTRACTOR SHALL SCHEDULE AN ON-SITE PRECONSTRUCTION CONFERENCE WITH THE NCGEO/LQS PERSONNEL NAMED ON THE EROSION CONTROL PERMIT, TOWN OF LELAND REPRESENTATIVE(S) AND THE ENGINEER PRIOR TO STARTING ANY LAND DISTURBING ACTIVITY.
- ALL AREAS OUTSIDE OF LIMITS OF DISTURBANCE ARE NOT TO BE DISTURBED AND SHALL BE LEFT IN A NATURAL STATE.
- ALL EROSION & SEDIMENT (E&S) CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE LATEST NC EROSION & SEDIMENT CONTROL PLANNING AND DESIGN MANUAL. THESE EROSION & SEDIMENT CONTROL MEASURES SHALL BE INSTALLED BEFORE CONSTRUCTION AND MAINTAINED UNTIL FINAL VEGETATIVE COVER IS ESTABLISHED. EROSION & SEDIMENT CONTROL MEASURES TO BE CHECKED WEEKLY UNLESS OTHERWISE SPECIFIED AND AFTER EACH SIGNIFICANT RAINFALL EVENT.
- DO ALL WORK REQUIRED TO CLEAR AND GRUB THE SITE WITHIN THE LIMITS SHOWN ON THESE PLANS, REMOVING EXISTING STRUCTURES, PAVED SURFACES, VEGETATION, FENCING, GRAVEL, TREES, AND OTHER FACILITIES AS REQUIRED TO PREPARE THE SITE FOR CONSTRUCTION. ALL SPILL MATERIAL FROM THE SITE SHALL BE TRANSPORTED OFF SITE IMMEDIATELY AND DISPOSED OF IN A LEGAL MANNER. WASTE SITE MUST HAVE A STATE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN. SPILL MATERIALS ARE NOT PERMITTED TO BE STOCKPILED ON SITE FOR ANY PERIOD OF TIME.
- INSTALL UNDERGROUND UTILITIES AND STORM DRAINAGE, PROVIDING APPROVED SEDIMENT PROTECTION AT NEW DRAINAGE CONVEYANCE STRUCTURES AS REQUIRED, INCLUDING INLET AND/OR OUTLET PROTECTION. IF TEMPORARY DIVERSIONS ARE REQUIRED, TEMPORARY SEDIMENT FILTRATION & VELOCITY CONTROL MEASURES MUST BE INSTALLED. IMMEDIATELY UPON COMPLETION OF INSTALLATION, ALL DISTURBED AREAS ARE TO BE LEVELED OUT, SEEDDED, AND MULCHED. DISTURBED AREAS ARE NOT TO LAY EXPOSED LONGER THAN OUTLINED IN THE NPDES STABILIZATION TABLE SHOWN IN THIS PLAN SET.
- BEGIN BUILDING ADDITION CONSTRUCTION.
- PLACE FILL MATERIAL AND ROUGH GRADE PARKING LOTS, CONSTRUCT CURB AND GUTTERS AND RIBBON CURB. PLACE STONE SUBBASE IN PARKING LOT AND DISTURB ONLY THE PORTION OF THE SITE NECESSARY FOR THE COMPLETION OF CONSTRUCTION. CONTRACTOR SHALL VERIFY THAT THE SUBBASE IS DRY AND MEETS ALL MATERIAL, INSTALLATION AND GRADE SPECIFICATIONS AND ENSURE THAT THE SUBBASE IS READY TO SUPPORT THE IMPOSED LOADS.
- MILL OFF ACCESS DRIVE ASPHALT SURFACE.
- PAVE PARKING LOT AND ACCESS DRIVE.
- ESTABLISH FINAL GRADES FOR POSITIVE DRAINAGE. ALL DISTURBED AREAS SHALL BE GRADED TO A SMOOTH SURFACE AND FREE FROM ALL ROCKS GREATER THAN 3" DIA., DIRT SLOBS, EQUIPMENT TRACKS, RUTS, AND BUMPS.
- INSTALL FINAL SITE IMPROVEMENTS.
- APPLY PERMANENT SEEDING, FERTILIZER AND MULCHING. ALL AREAS TO BE SEEDDED SHALL BE LOOSENEED TO A DEPTH OF 6". WATER AS NECESSARY TO ESTABLISH A VIGOROUS GRASS COVER.
- AFTER VEGETATION AND PERMANENT STORMWATER CONTROL MEASURES HAVE BEEN ESTABLISHED AND UPON AUTHORIZATION FROM THE DESIGNATED NCGEO/LQS INSPECTOR, REMOVE REMAINING EROSION AND SEDIMENTATION CONTROL MEASURES WITHIN THREE DAYS OF FINAL SITE APPROVAL.

MAINTENANCE PLAN

- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF PRODUCING RAINFALL BUT IN NO CASE NOT LESS THAN ONCE EVERY WEEK. ANY NEEDED REPAIRS SHALL BE MADE IMMEDIATELY TO MAINTAIN ALL MEASURES AS DESIGNED.
- THE SILT FENCE BARRIER WILL BE CHECKED REGULARLY FOR UNDERMINING OR DETERIORATION OF THE FABRIC. SEDIMENT SHALL BE REMOVED WHEN THE LEVEL OF SEDIMENT DEPOSITION REACHES 1/3 HEIGHT TO THE TOP OF THE BARRIER.
- CHECK CONSTRUCTION ENTRANCES TO ENSURE STONE AREA IS SUFFICIENT TO REDUCE TRACKING OF MATERIAL OFF SITE. PAVEMENT SHALL BE KEPT CLEAN DURING CONSTRUCTION OPERATIONS.
- AREAS OF FINISHED GRADING SUCH AS GRASSSED SWALES OR PERMANENTLY GRASSSED AREAS ARE TO BE INSPECTED TO VALIDATE EROSION HAS NOT OCCURRED UP TO THE TIME THAT THE AREAS HAVE BEEN NATURALLY STABILIZED BY THE USE OF SEEDING. AREAS OF OBSERVED EROSION ARE TO BE RESTORED TO MATCH THE PROPOSED PLAN AND STABILIZED.
- THE CONTRACTOR SHALL CONTROL DUST THROUGHOUT THE PROJECT DURATION, WITHIN THE PROJECT AREA, AND AT ALL OTHER AREAS AFFECTED BY THE CONSTRUCTION OF THE PROJECT. DUST CONTROL SHALL NOT BE CONSIDERED EFFECTIVE WHERE THE AMOUNT OF DUST CREATES A POTENTIAL OR ACTUAL UNSAFE CONDITION, PUBLIC NUISANCE OR CONDITION ENDANGERING THE VALUE, OR APPEARANCE OF ANY PROPERTY.
- THE CONTRACTOR SHALL MAINTAIN SELF INSPECTION REPORTS AS REQUIRED BY NCGEO AND THE NPDES CONSTRUCTION STORMWATER PERMIT. SELF INSPECTIONS ARE TO BE CONDUCTED AFTER EACH PHASE OF THE PROJECT FOR THE RECORD OF THE INSTALLATION AND MAINTENANCE OF THE EROSION CONTROL MEASURES.
- CONTACT: WILL LEAR, PROJECT MANAGER — TOWN OF LELAND
ADDRESS: 102 TOWN HALL DRIVE, LELAND, NORTH CAROLINA 28451
PHONE: (910) 408-9425
EMAIL: wlear@townofleland.com



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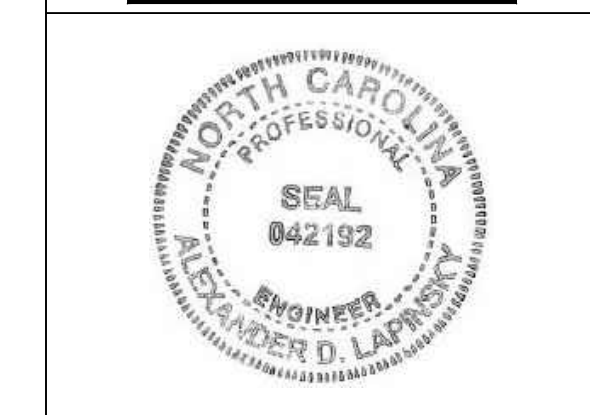


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SIGNED AND DATED:
Alex D. Lapinsky Digitally signed by Alex D. Lapinsky
Date: 2024.04.18 09:44:45-04'00'
THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED IN ACCORDANCE WITH THE STANDARD CERTIFICATION REQUIREMENTS FOUND IN NC ADMINISTRATIVE CODE 21-56.1103(E). THIS DIGITAL SIGNATURE HAS BEEN FOUND BY THE NC BOARD OF EXAMINERS FOR ENGINEERS AND SURVEYORS TO MEET THE STANDARDS. PLEASE CONTACT THE SIGNER IF YOU NEED ASSISTANCE IN VALIDATING THE SIGNATURE.



Leland Town Hall
Addition &
Renovations
102 Town Hall Drive
Leland, NC 28451

Issue Date: February 12, 2024

Erosion and Sedimentation Control Notes

Rev.	Date	Notes
1	4/17/24	Revised disturbed area

NCGO1 GROUND STABILIZATION AND MATERIALS HANDLING EFFECTIVE: 04/01/19

PART II SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION A: SELF-INSPECTION

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 or until it is safe to perform the inspection. In addition, when a storm event of equal to or greater than 1.0 inch occurs outside of normal business hours, the self-inspection shall be performed upon the commencement of the next business day. Any time when inspections were delayed shall be noted in the inspection Record.

Inspect	Frequency (during normal business hours)	Inspection records must include:
(1) Rain gauge gauging order	Daily	Daily rainfall amounts, and observations are made during weekend or holiday periods, and no individual-day rainfall information is available, record the cumulative rain measurement for those unattended days (and this will determine if a site inspection is needed). Days on which no rainfall occurred shall be recorded as "zero". The permittee may use another rain-measuring device approved by the Division.
(2) E&S Measures	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	1. Identification of the measures inspected. 2. Date and time of the inspection. 3. Name of the person performing the inspection. 4. Indication of whether the measures were operating properly. 5. Description of maintenance needs for the measure. 6. Description, evidence, and date of corrective action taken.
(3) Stormwater outfalls (SDOs)	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	1. Identification of the discharge outfalls inspected. 2. Date and time of the inspection. 3. Name of the person performing the inspection. 4. Evidence of indicators of stormwater pollution such as oil sheen, floating or suspended solids or discoloration. 5. Indication of visible sediment leaving the site. 6. Description, evidence, and date of corrective actions taken.
(4) Perimeter of site	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	If visible sedimentation is found outside site limits, then a record of the following shall be made: 1. Actions taken to clean up or stabilize the sediment that has left the site limits. 2. Description, evidence, and date of corrective actions taken, and 3. An explanation as to the actions taken to control future releases.
(5) Streams or wetlands onsite (where accessible)	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	If the stream or wetland has increased visible sedimentation or a stream has visible increased turbidity from the construction activity, then a record of the following shall be made: 1. Description, evidence and date of corrective actions taken, and 2. Records of the required reports to the appropriate Division Regional Office per Part III, Section C, Item 2(i) of this permit.
(6) Ground stabilize measures	After each phase of grading	1. The phase of grading (installation of perimeter E&S measures, clearing and grubbing, installation of storm drainage facilities, completion of all land disturbing activity, construction or redevelopment, permanent ground cover). 2. Documentation that the required ground stabilization measures have been provided within the required timeframe or an assurance that they will be provided as soon as possible.

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

PART III SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION B: RECORDKEEPING

1. E&S Plan Documentation
The approved E&S plan as well as any approved deviation shall be kept on the site. The approved E&S plan must be kept up-to-date throughout the coverage under this permit. The following items pertaining to the E&S plan shall be kept on site and available for inspection at all times during normal business hours.

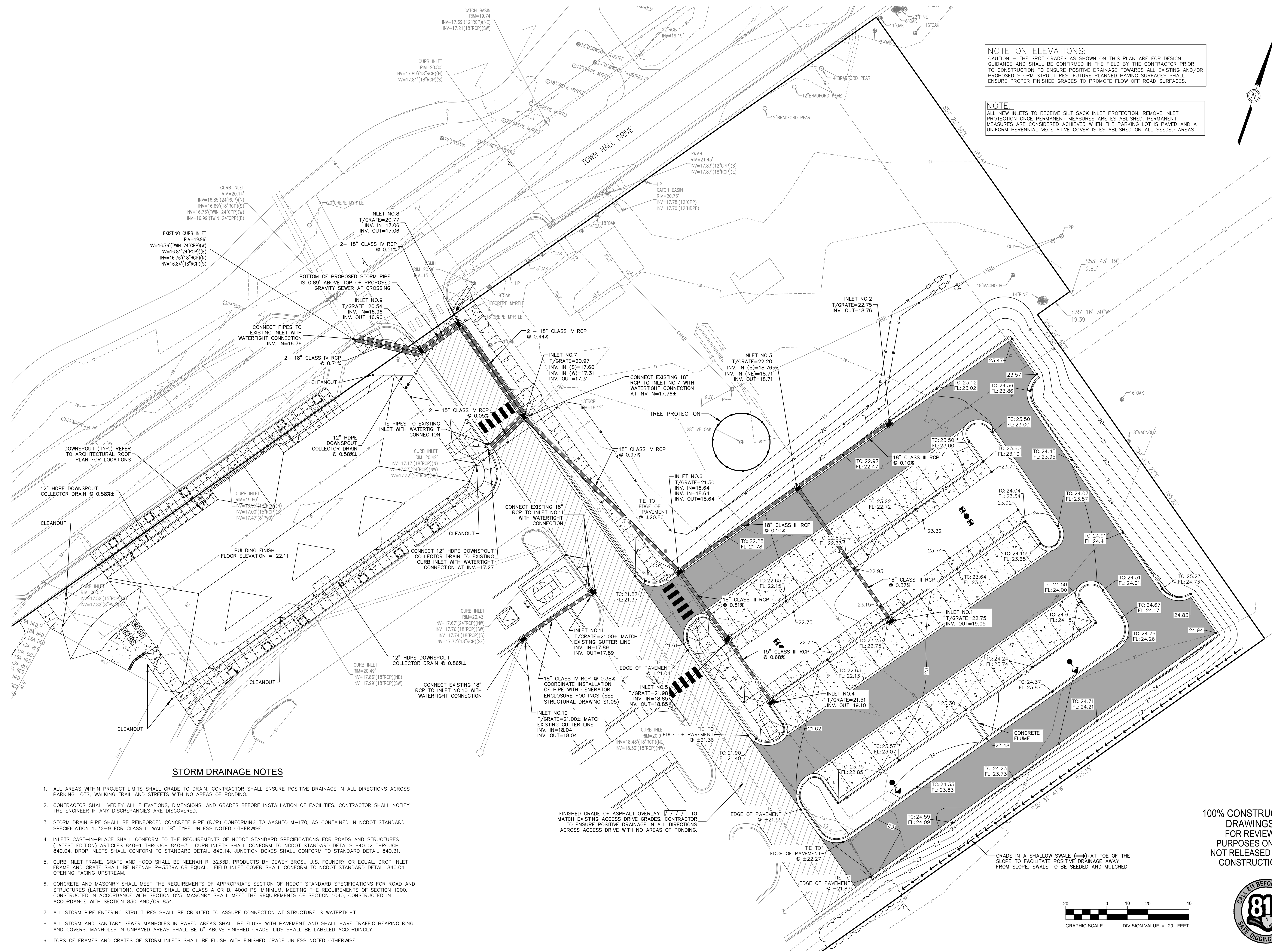
Item to Document	Documentation Requirements
(a) Each E&S measure has been installed and does not significantly deviate from the locations, dimensions and relative elevations shown on the approved E&S plan.	Initial and date each E&S measure on a copy of the approved E&S plan or complete, date and sign an inspection report that lists each E&S measure shown on the approved E&S plan. This documentation is required upon the initial installation of the E&S measure or if the E&S measure is modified after initial installation.
(b) A phase of grading has been completed.	Initial and date a copy of the approved E&S plan or complete, date and sign an inspection report to indicate completion of the construction phase.
(c) Ground cover is located and installed in accordance with the approved E&S plan.	Initial and date a copy of the approved E&S plan or complete, date and sign an inspection report to indicate compliance with approved ground cover specifications.
(d) The maintenance and repair requirements for all E&S measures have been performed.	Complete, date and sign an inspection report.
(e) Corrective actions have been taken to E&S measures.	Initial and date a copy of the approved E&S plan or complete, date and sign an inspection report to indicate the completion of the corrective action.

- Additional Documentation to be Kept on Site**
In addition to the E&S plan documents above, the following items shall be kept on the site and available for inspectors at all times during normal business hours, unless the Division provides a site-specific exemption based on unique site conditions that make this requirement not practical.
 - This General Permit as well as the Certificate of Coverage, after it is received.
 - Records of inspections made during the previous twelve months. The permittee shall record the required observations on the Inspection Record Form provided by the Division or a similar inspection form that includes all the required elements. Use of electronically-available records in lieu of the required paper copies will be allowed if shown to provide equal access and utility as the hard-copy records.
- Documentation to be Retained for Three Years**
All data used to complete the e-NOI and all inspection records shall be maintained for a period of three years after project completion and made available upon request. [40 CFR 122.41]

PART III SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION C: REPORTING

- Occurrences that Must be Reported**
Permittees shall report the following occurrences:
 - Visible sediment deposition in a stream or wetland.
 - 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).
 - Releases of hazardous substance in excess of reportable quantities under Section 311 of the Clean Water Act (Ref: 40 CFR 110.3 and 40 CFR 117.3) or



NOTE ON ELEVATIONS:
 CAUTION - THE SPOT GRADES AS SHOWN ON THIS PLAN ARE FOR DESIGN GUIDANCE AND SHALL BE CONFIRMED IN THE FIELD BY THE CONTRACTOR PRIOR TO CONSTRUCTION TO ENSURE POSITIVE DRAINAGE TOWARDS ALL EXISTING AND/OR PROPOSED STORM STRUCTURES. FUTURE PLANNED PAVING SURFACES SHALL ENSURE PROPER FINISHED GRADES TO PROMOTE FLOW OFF ROAD SURFACES.

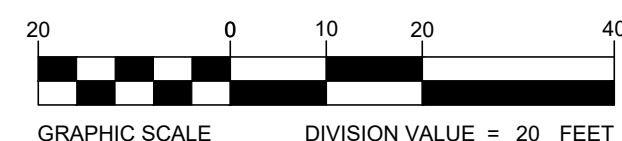
NOTE:
 ALL NEW INLETS TO RECEIVE SILT SACK INLET PROTECTION. REMOVE INLET PROTECTION ONCE PERMANENT MEASURES ARE ESTABLISHED. PERMANENT MEASURES ARE CONSIDERED ACHIEVED WHEN THE PARKING LOT IS PAVED AND A UNIFORM PERENNIAL VEGETATIVE COVER IS ESTABLISHED ON ALL SEEDING AREAS.

STORM DRAINAGE NOTES

- ALL AREAS WITHIN PROJECT LIMITS SHALL GRADE TO DRAIN. CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE IN ALL DIRECTIONS ACROSS PARKING LOTS, WALKING TRAIL AND STREETS WITH NO AREAS OF PONDING.
- CONTRACTOR SHALL VERIFY ALL ELEVATIONS, DIMENSIONS, AND GRADES BEFORE INSTALLATION OF FACILITIES. CONTRACTOR SHALL NOTIFY THE ENGINEER IF ANY DISCREPANCIES ARE DISCOVERED.
- STORM DRAIN PIPE SHALL BE REINFORCED CONCRETE PIPE (RCP) CONFORMING TO AASHTO M-170, AS CONTAINED IN NCDOT STANDARD SPECIFICATION 1032-9 FOR CLASS III WALL "B" TYPE UNLESS NOTED OTHERWISE.
- INLETS CAST-IN-PLACE SHALL CONFORM TO THE REQUIREMENTS OF NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES (LATEST EDITION) ARTICLES 840-1 THROUGH 840-3. CURB INLETS SHALL CONFORM TO NCDOT STANDARD DETAILS 840.02 THROUGH 840.04. DROP INLETS SHALL CONFORM TO STANDARD DETAIL 840.14. JUNCTION BOXES SHALL CONFORM TO STANDARD DETAIL 840.31.
- CURB INLET FRAME, GRATE AND HOOD SHALL BE NEENAH R-32330, PRODUCTS BY DEWEY BROS., U.S. FOUNDRY OR EQUAL. DROP INLET FRAME AND GRATE SHALL BE NEENAH R-3339A OR EQUAL. FIELD INLET COVER SHALL CONFORM TO NCDOT STANDARD DETAIL 840.04, OPENING FACING UPSTREAM.
- CONCRETE AND MASONRY SHALL MEET THE REQUIREMENTS OF APPROPRIATE SECTION OF NCDOT STANDARD SPECIFICATIONS FOR ROAD AND STRUCTURES (LATEST EDITION). CONCRETE SHALL BE CLASS A OR B, 4000 PSI MINIMUM, MEETING THE REQUIREMENTS OF SECTION 1000, CONSTRUCTED IN ACCORDANCE WITH SECTION 825. MASONRY SHALL MEET THE REQUIREMENTS OF SECTION 1040, CONSTRUCTED IN ACCORDANCE WITH SECTION 830 AND/OR 834.
- ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT.
- ALL STORM AND SANITARY SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT AND SHALL HAVE TRAFFIC BEARING RING AND COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 6" ABOVE FINISHED GRADE. LIDS SHALL BE LABELED ACCORDINGLY.
- TOPS OF FRAMES AND GRATES OF STORM INLETS SHALL BE FLUSH WITH FINISHED GRADE UNLESS NOTED OTHERWISE.

FINISHED GRADE OF ASPHALT OVERLAY (7/7/7) TO MATCH EXISTING ACCESS DRIVE GRADES. CONTRACTOR TO ENSURE POSITIVE DRAINAGE IN ALL DIRECTIONS ACROSS ACCESS DRIVE WITH NO AREAS OF PONDING.

100% CONSTRUCTION DRAWINGS FOR REVIEW PURPOSES ONLY NOT RELEASED FOR CONSTRUCTION



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SIGNED AND DATED:
 Alex D. Lapinsky
 Digitally signed by Alex D. Lapinsky
 Date: 2024.04.18 09:41:59-0400
 THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED IN ACCORDANCE WITH THE STANDARD CERTIFICATION REQUIREMENTS FOUND IN NC ADMINISTRATIVE CODE 21-56.1103(E). THIS DIGITAL SIGNATURE HAS BEEN FOUND BY THE NC BOARD OF EXAMINERS FOR ENGINEERS AND SURVEYORS TO MEET THESE STANDARDS. PLEASE CONTACT THE SIGNER IF YOU NEED ASSISTANCE IN VALIDATING THE SIGNATURE.



Leland Town Hall Addition & Renovations
 102 Town Hall Drive
 Leland, NC 28451

Issue Date: February 12, 2024

Grading and Drainage Plan

Rev.	Date	Notes
1	4/17/24	Adjusted swale limit

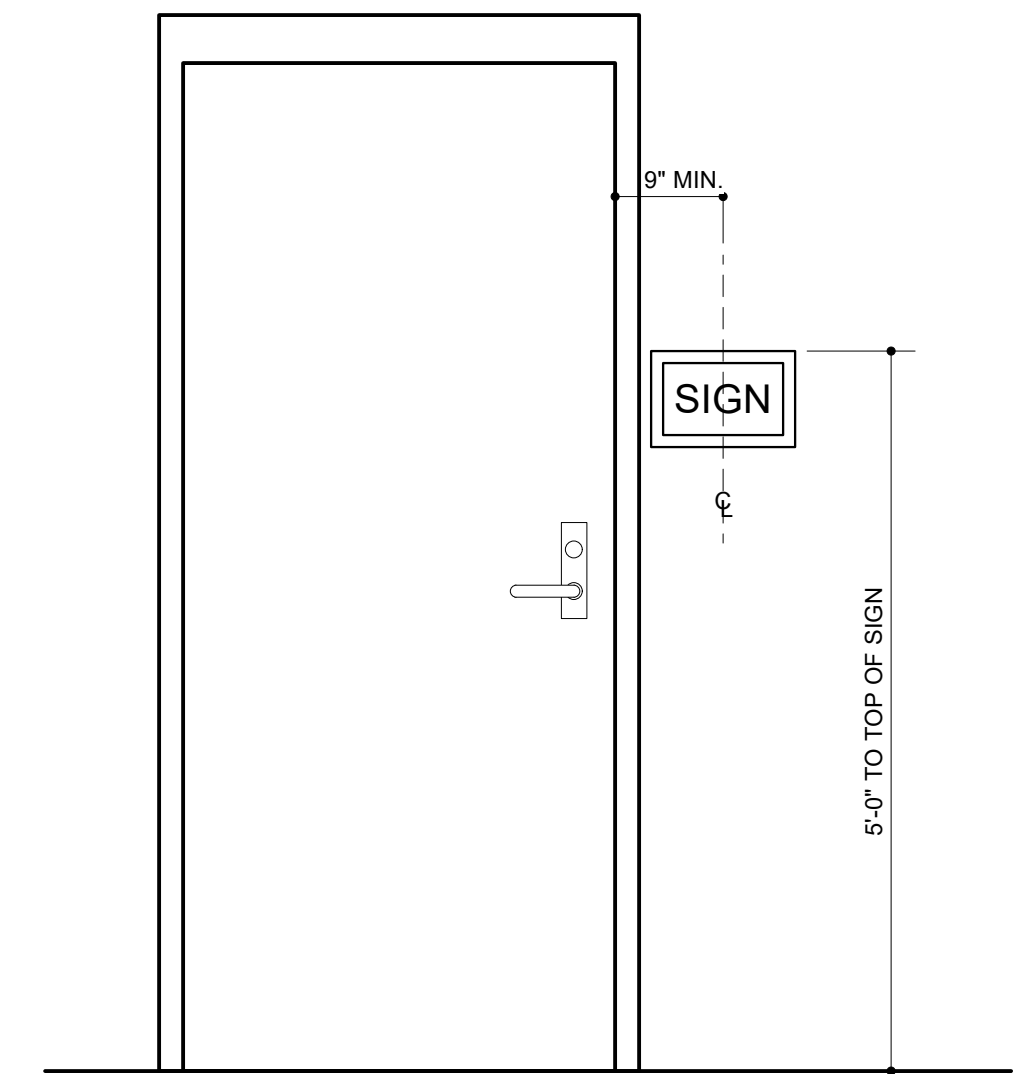
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DOOR SCHEDULE

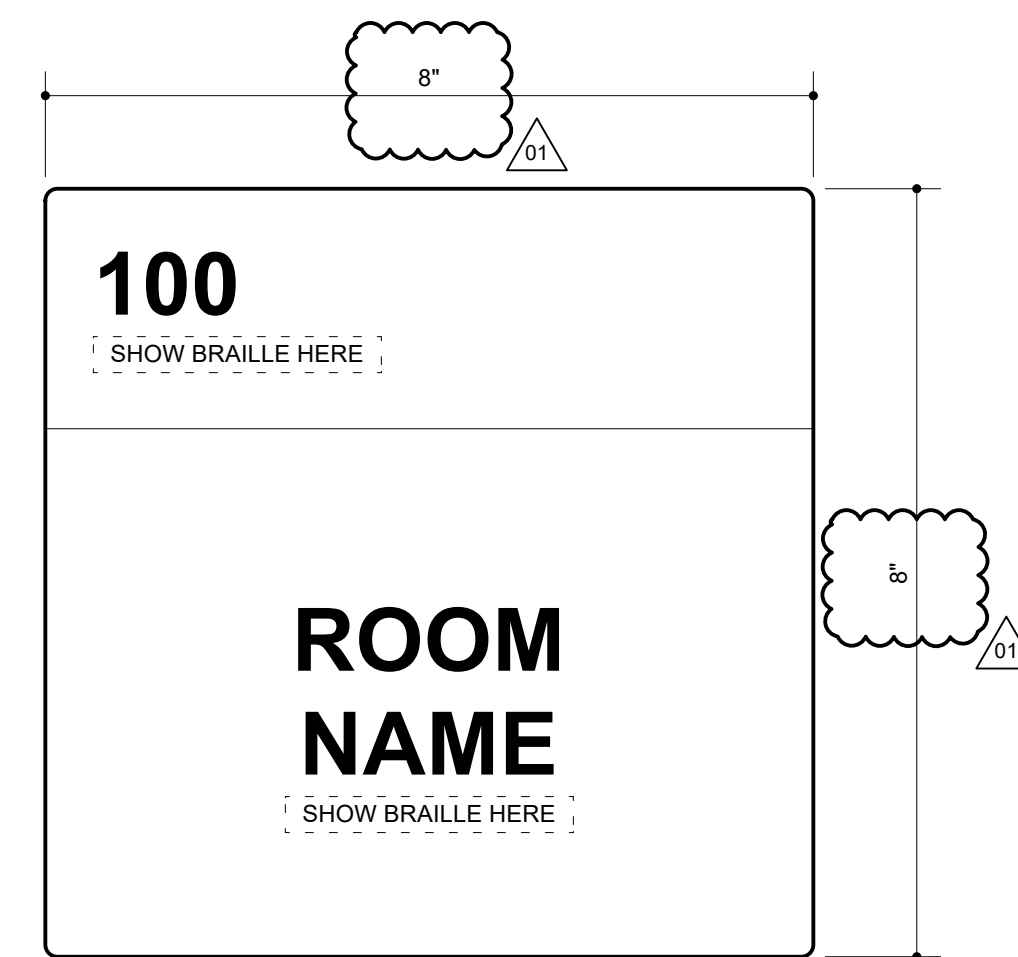
ID #	Door						Hardware		Remarks	
	Width	Height	Swing Operation	Door Type	Door Material	Jamb Depth	Frame Type	Frame Material		HW Set
100	3'0"	7'0"	Single	ETR	ETR	7 1/4"	ETR	ETR	14	New Door Hardware - See Spec Section 08 7100; apply privacy film to door lite & side lites
100CC	6'0"	7'0"	Double Bi-part	Existing	Existing	8 1/4"	HM1	HM	17	45 min rated door & frame; Re-use door & hardware from door 100CC
100CD	3'0"	7'0"	Single	C	Wood	8 1/4"	HM1	HM	12	
101	3'0"	7'0"	Single	-	-	5 7/8"	ETR	ETR	10	Door leaf removed to provide cased opening. Provide flush metal cover at existing hardware prep and paint to match frame.
101A	3'0"	7'0"	Single	-	-	5 7/8"	ETR	ETR	10	Door leaf removed to provide cased opening. Provide flush metal cover at existing hardware prep and paint to match frame.
101B	3'0"	7'0"	Single	B	Wood	5 7/8"	HM2	HM	15	
111A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
125A	3'0"	7'0"	Single	B	Wood	5 7/8"	HM2	HM	04	
142	3'0"	7'0"	Single	ETR	ETR	7 1/4"	ETR	ETR	18	New Door Hardware - See Spec Section 08 7100
166	3'0"	7'0"	Single	ETR	ETR	7 1/4"	ETR	ETR	14	New Door Hardware - See Spec Section 08 7100
166A	3'0"	7'0"	Single	D	Wood	5 7/8"	HM1	HM	11	Dutch door
168B	3'0"	7'0"	Single	A	Wood	5 7/8"	HM1	HM	07	
170	3'0"	7'0"	Single	ETR	ETR	7 1/4"	ETR	ETR	14	New Door Hardware - See Spec Section 08 7100
200A	3'0"	7'0"	Single	B	Wood	5 7/8"	HM2	HM	13	
200B	3'0"	7'0"	Single	B	Wood	5 7/8"	HM6	HM	13	
211	3'0"	7'0"	Single	B	Wood	5 7/8"	HM2	HM	04	
229A	3'0"	7'0"	Single	C	Wood	5 7/8"	HM1	HM	16	45 min rated door & frame
230	3'0"	7'0"	Single	B	Wood	5 7/8"	HM2	HM	04	
230A	3'0"	7'0"	Single	B	Wood	5 7/8"	HM1	HM	04	
231	3'0"	7'0"	Single	B	Wood	5 7/8"	HM2	HM	04	
255	3'0"	7'0"	Single	ETR	ETR	5 7/8"	ETR	ETR	19	New Door Hardware - See Spec Section 08 7100
300A	3'0"	7'10"	Single	E	Alum.	6"	AL1	Alum.	01	
300B	3'0"	7'0"	Single	E	Wood	8 1/4"	HM4	Alum.	02	
301A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
302A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
303A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
304A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
305A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
306A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
307A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
308A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
309A	3'0"	7'0"	Single	A	Wood	5 7/8"	HM1	HM	13	
310A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
311A	3'0"	7'10"	Single	E	Alum.	6"	AL1	Alum.	01	
311B	3'0"	7'0"	Single	E	Wood	5 7/8"	HM3	HM	02	
312A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
313A	3'0"	7'0"	Single	A	Wood	5 7/8"	HM1	HM	05	
314A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
315A	3'0"	7'0"	Single	-	-	5 7/8"	HM1	HM	10	Cased opening
316A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
317A	3'0"	7'0"	Single	A	Wood	5 7/8"	HM1	HM	06	
318A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
319A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
320A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
321A	3'0"	7'0"	Single	B	Wood	5 7/8"	HM1	HM	04	
322A	3'0"	7'0"	Single	B	Wood	5 7/8"	HM2	HM	04	
323A	3'0"	7'0"	Single	B	Wood	5 7/8"	HM2	HM	04	
324A	3'0"	7'10"	Single	E	Alum.	6"	AL2	Alum.	01	
324B	3'0"	7'0"	Single	E	Wood	5 7/8"	HM5	HM	02	
325A	3'0"	7'0"	Single	E	Wood	4 1/2"	AL3	Alum.	09	
325B	3'0"	7'0"	Single	E	Wood	4 1/2"	AL3	Alum.	09	
326A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM1	HM	04	
327A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM1	HM	04	
328A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
329A	3'0"	7'0"	Single	A	Wood	5 7/8"	HM1	HM	03	
330A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
331A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
332A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
333A	3'0"	7'0"	Single	A	Wood	5 7/8"	HM1	HM	03	
334A	3'0"	7'10"	Single	E	Alum.	6"	AL1	Alum.	01	
334B	3'0"	7'0"	Single	E	Wood	8 1/4"	HM3	HM	02	
336A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
337A	3'0"	7'0"	Single	A	Wood	5 7/8"	HM1	HM	05	
338A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
339A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
340A	3'0"	7'0"	Single	E	Wood	4 1/2"	AL6	Alum.	09	
340B	3'0"	7'0"	Single	E	Wood	4 1/2"	AL6	Alum.	09	
341A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
342A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
343A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
344A	3'0"	7'0"	Single	B	Wood	5 7/8"	HM1	HM	04	
345A	3'0"	7'0"	Single	B	Wood	5 7/8"	HM2	HM	04	
346A	3'0"	7'0"	Single	B	Wood	5 7/8"	HM2	HM	04	
400A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
401A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
402A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
403A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
404A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
405A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
406A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
407A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
408A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
409A	3'0"	7'0"	Single	A	Wood	5 7/8"	HM1	HM	13	
410A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
412A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
413A	3'0"	7'0"	Single	A	Wood	5 7/8"	HM1	HM	05	
414A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
415A	3'0"	7'0"	Single	-	-	5 7/8"	HM1	HM	10	Cased opening
416A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
417A	3'0"	7'0"	Single	A	Wood	5 7/8"	HM1	HM	06	
417B	3'0"	7'0"	Single	A	Wood	7 1/8"	HM1	HM	20	90 min rated door & frame
418A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
419A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
420A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
421A	3'0"	7'0"	Single	B	Wood	5 7/8"	HM1	HM	04	
422A	3'0"	7'0"	Single	B	Wood	5 7/8"	HM2	HM	04	
423A	3'0"	7'0"	Single	B	Wood	5 7/8"	HM2	HM	04	
424A	3'0"	7'0"	Single	B	Wood	5 7/8"	HM1	HM	04	
425A	3'0"	7'0"	Single	E	Wood	4 1/2"	AL3	Alum.	09	
425B	3'0"	7'0"	Single	E	Wood	4 1/2"	AL3	Alum.	09	
426A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	

DOOR SCHEDULE

ID #	Door						Hardware		Remarks	
	Width	Height	Swing Operation	Door Type	Door Material	Jamb Depth	Frame Type	Frame Material		HW Set
426A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
427A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
428A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
429A	3'0"	7'0"	Single	B	Wood	5 7/8"	HM1	HM	03	
430A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
431A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
432A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
433A	3'0"	7'0"	Single	B	Wood	5 7/8"	HM1	HM	03	
434A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
436A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
437A	3'0"	7'0"	Single	A	Wood	5 7/8"	HM1	HM	05	
438A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
439A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
440A	3'0"	7'0"	Single	E	Wood	4 1/2"	AL5	Alum.	08	
440B	3'0"	7'0"	Single	E	Wood	4 1/2"	AL5	Alum.	08	
441A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
442A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
443A	3'0"	7'0"	Single	B	Wood	8 1/4"	HM2	HM	04	
444A	3'0"	7'0"	Single	B	Wood	5 7/8"	HM1	HM	04	
445A	3'0"	7'0"	Single	E	Wood	4 1/2"	AL4	Alum.	09	
445B	3'0"	7'0"	Single	E	Wood	4 1/2"	AL4	Alum.	09	
446A	3'0"	7'0"	Single	B	Wood	5 7/8"	HM2	HM	04	
447A	3'0"	7'0"	Single	B	Wood	5 7/8"	HM2	HM	04	



1 Typical Signage Detail
Scale: 3/4" = 1'-0"



NOTES:
- Final room names and numbers to be determined during submittal review.
- Signage layout to match existing.

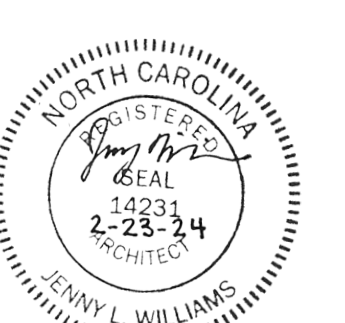
2 Signage Detail
Scale: Half Actual Size



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Leland Town Hall
Addition &
Renovations
102 Town Hall Drive
Leland, NC 28451

Construction Drawings

Issue Date: November 15, 2023

Door Schedule

Rev.	Date	Notes
1	4/26/2024	Signage Revision

A6.2
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