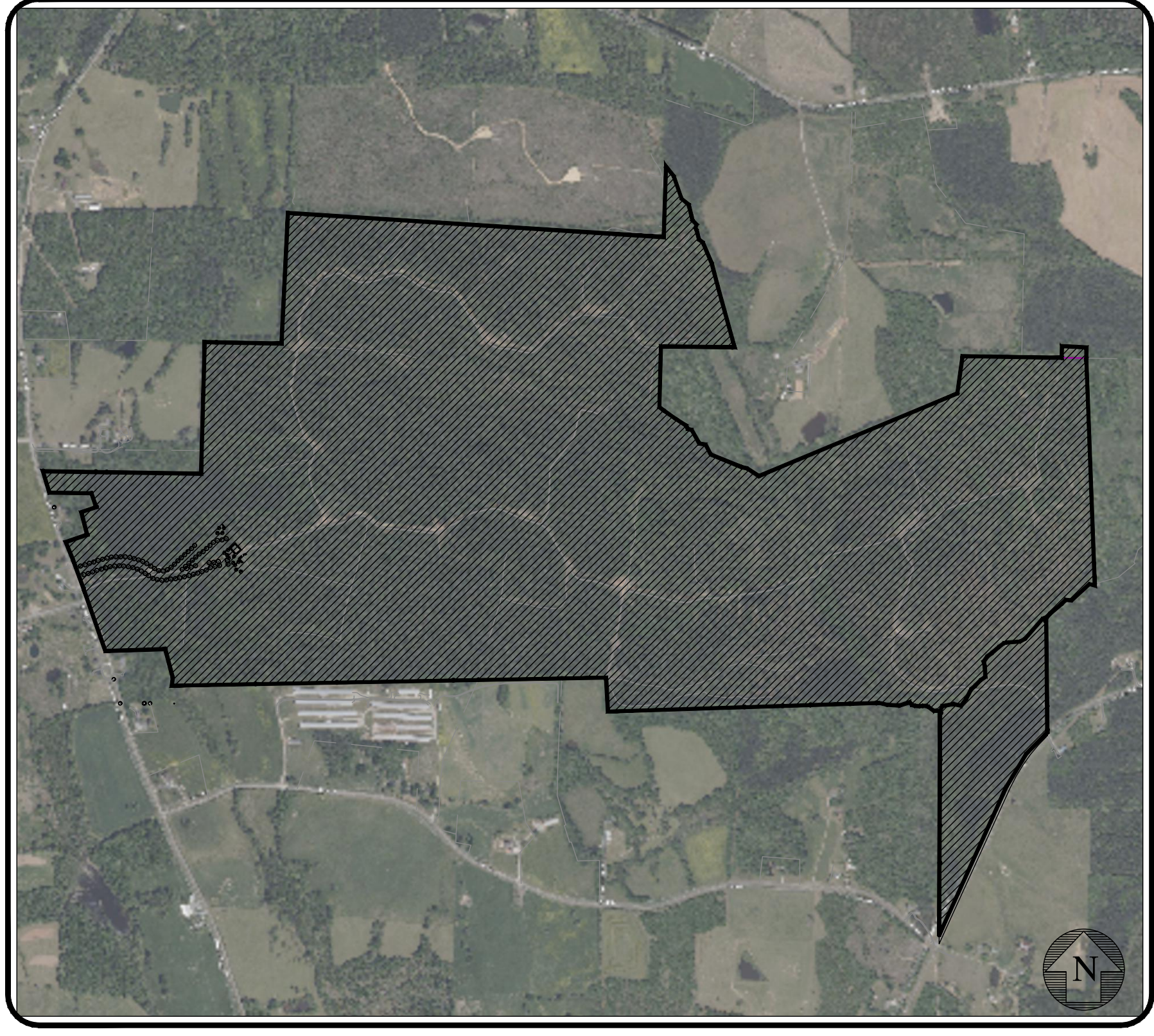


VICINITY MAP  
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# CONDITIONAL DISTRICT REZONING-SITE PLAN FOR GOLDSTON BUILDING MATERIALS

BONLEE CARBONTON ROAD  
GOLDSTON, NORTH CAROLINA 27252  
SUBMITTAL ON APRIL 19, 2024

- PROJECT NOTES:**
- THIS DEVELOPMENT SHALL BE SUBJECT TO ALL APPLICABLE STANDARDS DETAILED IN CHAPTERS 2, 7, AND 8 OF THE LATEST VERSION OF THE TOWN OF GOLDSTON'S UNIFIED DEVELOPMENT ORDINANCE (UDO).
  - SEE PRELIMINARY SIA FOR STORMWATER QUALITY AND QUANTITY CONTROL MEASURES.
  - STREAM BUFFERS: ALL STREAM AND WETLAND BUFFERS SHALL BE DELINEATED AND PROTECTED IN ACCORDANCE WITH CHATHAM COUNTY AND NORTH CAROLINA REGULATIONS. PRIOR TO LAND DISTURBING ACTIVITIES WITHIN PROXIMITY OF THESE FEATURES UTILIZING SURVEY CONTROL AND SILT FENCE WILL BE UTILIZED TO PROHIBIT DISTURBANCE WITHIN THESE AREAS. DURING OPERATION OF THE FACILITY, THE BUFFERS AND STREAMS SHALL REMAIN IN THEIR NATURAL STATE. CURRENTLY THERE ARE NO PROPOSED DIRECT STREAM AND WETLAND IMPACTS. ANY POTENTIAL FUTURE ANTICIPATED INDIRECT IMPACTS TO THESE FEATURES SHOULD BE PERMITTED THROUGH CHATHAM COUNTY, NCEQ, AND THE UNITED STATES ARMY CORE OF ENGINEERS PRIOR TO DISTURBANCE VIA THE 401/404 PERMITTING PROCESS.
  - PERIMETER BUFFERS: THE ENTIRE PARCEL SHALL MAINTAIN THE EXISTING LANDSCAPED BUFFER AS REQUIRED BY THE TOWN OF GOLDSTON'S UDO. PRIOR TO LAND DISTURBING ACTIVITIES WITHIN PROXIMITY OF THESE FEATURES UTILIZING SURVEY CONTROL AND SILT FENCE WILL BE UTILIZED TO PROHIBIT DISTURBANCE WITHIN THESE AREAS. ANY DISTURBANCE WITHIN THE PERIMETER BUFFER SHALL BE STRICTLY FOR MAINTENANCE/REPLACEMENT OF THE EXISTING VEGETATED VISUAL BARRICADE. ALL LANDSCAPE PLANS SHALL BE DESIGNED AND COORDINATED BY A LANDSCAPE ARCHITECT.
  - CONSTRUCTION DEBRIS REMOVAL: ALL CLEARING AND CONSTRUCTION DEBRIS SHALL BE REMOVED FROM THE SITE AND TRANSPORTED TO A PERMITTED LANDFILL. NO BURNING OF CLEARING DEBRIS IS ALLOWED. DURING CONSTRUCTION OF BUILDINGS AND INFRASTRUCTURE WASTE SHALL BE COLLECTED TO PROPER RECYCLING CATEGORIES SUCH AS PAPER/CARDBOARD/WOOD PRODUCTS, ETC.
  - EROSION CONTROL: ALL ON-SITE INSTALLED SEDIMENT AND EROSION CONTROL DEVICES SHALL BE ENGINEERED, DESIGNED, AND APPROVED TO AT LEAST MINIMUM REQUIRED BY NCEQ MINE PERMITTING PROCESS (MINIMUM - 25-YEAR STORM EVENT DESIGN CRITERIA). DURING GRADING AND SITE CONSTRUCTION ALL EARTH MATERIALS SHALL BE BALANCED ON-SITE AS MUCH AS POSSIBLE, MAINTAIN TOPSOIL, AND OVERBURDEN AREAS AND FUTURE VEGETATIVE GROWTH. ALL CONSTRUCTED SLOPES WHERE POSSIBLE SHALL BE A 2:1 OR FLATTER. STORM WATER RUNOFF DURING THE CONSTRUCTION OF THE FACILITY SHALL BE DIRECTED TO SEDIMENT CONTROL BASINS AND DEVICES IN ACCORDANCE WITH THE APPROVED EROSION CONTROL PLANS IN COMPLIANCE WITH NCEQ MINE PERMIT AND CHATHAM COUNTY EROSION AND CONTROL REQUIREMENTS.
  - STORMWATER QUALITY/QUANTITY CONTROL: POST CONSTRUCTION ALL RUN OFF SHALL BE DIRECTED TO STORM WATER QUALITY AND QUANTITY CONTROL STRUCTURES/PONDS TO PROVIDE PROPER NUTRIENT REMOVAL AND RETENTION IN ACCORDANCE WITH NCEQ MINE PERMIT AND CHATHAM COUNTY EROSION AND CONTROL REQUIREMENTS.
  - TRASH/RECYCLE: THIS PARCEL SHALL PROVIDE WASTE DISPOSAL AND LOCATIONS FOR RECYCLING CARDBOARD AND OTHER PRODUCTS AS WELL AS NON-RECYCLABLE WASTE.
  - FIRE RESPONSE WILL REQUIRE 360 DEGREE ACCESS AROUND ALL BUILDINGS INCLUDED IN THE SUP. ANY BUILDINGS GREATER THAN 30' WILL REQUIRE LADDER TRUCK ACCESS WHICH MAY REQUIRE ADDITIONAL REVIEW FOR AERIAL FIRE APPARATUS STANDARDS.
  - SITE IDENTIFICATION SIGN SHALL CONFORM TO UDO SECTION 2.13.8. SIGN LIGHTING SHALL COMPLY WITH SECTION 2.11.11 AND SHALL BE LIT FROM THE TOP DOWN.
  - PER SECTION 2.9.2 OF THE TOWN OF GOLDSTON UNIFIED DEVELOPMENT ORDINANCE, THE FOLLOWING MEASURES ARE PROPOSED TO ADDRESS SPECIFIC REQUIREMENTS FOR THE PROPOSED USE OF THE SITE.
    - NOISE: DAILY OPERATION OF THE QUARRY SHALL NOT PRODUCE REGULARLY RECURRING NOISES MEASURING IN EXCESS OF 70 DB ON A NEIGHBORING PROPERTY. ANY NOISE OCCURRING AS A RESULT OF QUARRY OPERATIONS IN EXCESS OF 70 DB SHALL BE TEMPORARY OR OF AN EMERGENCY NATURE. LARGE, DENSE BUFFERS AND DISTANCE OF OPERATIONS FROM PROPERTY LINE SHOULD FURTHER MITIGATE OPERATIONAL NOISE.
    - VIBRATION: A SEISMOGRAPH SHALL BE LOCATED AT A DISTANCE NO FARTHER THAN THE CLOSEST OFF SITE REGULARLY OCCUPIED STRUCTURE NOT OWNED OR LEASED BY THE PROPERTY OWNER. A SEISMOGRAPHIC RECORD INCLUDING PEAK PARTICLE VELOCITY, AIR OVERPRESSURE, AND VIBRATION FREQUENCY LEVELS WILL BE MAINTAINED AND MONITORED AS REQUIRED BY THE NCEQ MINE PERMIT.
    - SMOKE AND OTHER PARTICULATE MATTER: THE FACILITIES EMISSION SHALL BE SUBJECT TO THE EMISSION STANDARDS OF SECTION 2.9.2 C OF THE TOWN OF GOLDSTON UDO AND NORTH CAROLINA DEPARTMENT OF AIR QUALITY'S PERMITTING AND REPORTING PROCESS. DUST SUPPRESSION METHODS WILL BE EMPLOYED AND UTILIZED AS NECESSARY DURING OPERATION OF THE FACILITY IN ORDER TO CONTROL FUGITIVE DUST EMISSION. DUST SUPPRESSION MAY INCLUDE THE UTILIZATION OF WATER TRUCK SPRAYING, SURFACTANTS, VEGETATIVE COVER, MULCHING, WATER SPRAY SYSTEMS, ETC.
    - ODORS: NO QUARRY OPERATION IS PLANNED SO AS TO PRODUCE THE EMISSIONS OF HAZARDOUS, OBJECTIONABLE OR OFFENSIVE ODORS ACROSS LOT LINES. LARGE, DENSE BUFFERS AND DISTANCE OF OPERATIONS FROM PROPERTY LINE SHOULD FURTHER MITIGATE OPERATIONAL ODORS.
    - TOXIC, NOXIOUS OR HAZARDOUS MATTER: QUARRY OPERATIONS WILL NOT RESULT IN THE DISCHARGE OF THESE TYPES OF MATTER ACROSS NEIGHBORING PROPERTY LINES. INTERNAL FACILITIES WILL BE MAINTAINED SO AS TO RESTRICT THOSE MATTER TO THE SUBJECT SITE OR WILL BE REMOVED BY MEANS OF HAULING SUBJECT TO LOCAL, STATE AND FEDERAL REGULATIONS.
    - ELECTROMAGNETIC INTERFERENCE: QUARRY OPERATIONS SHALL COMPLY WITH SECTION 2.9.2 (F) OF THE TOWN OF GOLDSTON UDO AND NO OPERATION IS EXPECTED TO PRODUCE OFFSITE INTERFERENCE.
    - FIRE AND EXPLOSION HAZARDS: FIRE APPARATUS ACCESS SHALL BE MAINTAINED ON SITE AND PROVIDE AMPLE DIMENSIONAL STANDARDS FOR 360 DEGREE ACCESS AROUND ALL SITE BUILDINGS AND INFRASTRUCTURE. ANY EXPLOSIVE OPERATION SHALL BE CONDUCTED, SUPERVISED AND RECORDED PER LOCAL, STATE AND FEDERAL REGULATIONS.
    - HUMIDITY, HEAT AND GLARE: LARGE, DENSE BUFFERS AND DISTANCE OF OPERATIONS FROM PROPERTY LINE SHALL MITIGATE HEAT AND GLARE PRODUCED BY QUARRY OPERATIONS. THE EXISTING TREES AND VEGETATION TO REMAIN AS WELL AS THOSE THAT ARE PROPOSED SHALL REDUCE THE HEAT ISLAND EFFECT.
    - LIGHTING: ALL PROPOSED LIGHTING AT THE FACILITIES AND OFFICES AREA ON SITE SHALL COMPLY WITH SECTION 2.11 OF THE TOWN OF GOLDSTON UDO. THE STOCKPILE AND PROCESSING AREA SHOWN ON THE SITE PLAN SHALL NOT BE LIT. LARGE, DENSE BUFFERS AND DISTANCE OF OPERATIONS FROM NEIGHBORING PROPERTIES SHOULD FURTHER MITIGATE LIGHTING FOOTCANDLE LEVELS AT THE PROPERTY LINES.
    - STORMWATER DISCHARGE: ALL SKIMMER BASIN, WET PONDS AND SEDIMENT TRAPS WILL BE EMPLOYED ON SITE AND ADEQUATELY SIZED TO TREAT AND REDUCE STORMWATER RUNOFF PER LOCAL AND STATE REGULATIONS. SEE THE PRELIMINARY STORMWATER IMPACT ANALYSIS FOR QUALITY AND QUANTITY CONTROL MEASURES.



SITE LOCATION MAP  
NOT TO SCALE

Sheet List Table	
Sheet Number	Sheet Title
C-1	COVER SHEET
C-2	EXISTING CONDITIONS
C-3	OVERALL SITE PLAN
C-4	SITE PLAN
C-5	SITE PLAN - FACILITIES AREA
C-6	SITE PLAN - PROCESSING / STOCKPILE AREA
C-7	SITE DETAILS
LI-1	LIGHTING PLAN

PUBLIC SERVICE CONTACTS:		
WATER:	CHATHAM COUNTY CONTACT: BLAKE MILLS DIRECTOR OF PUBLIC UTILITIES 12 EAST STREET P.O. BOX 1809 PITTSBORO, NC 27312 (919) 542-8238	PLANNING: CHATHAM COUNTY OFFICES P.O. BOX 54 PITTSBORO, NC 27312 JASON SULLIVAN (919) 542-8204 JASON.SULLIVAN@CHATHAMCOUNTYNC.GOV
FIRE:	TOWN OF GOLDSTON STATION 11 486 S CHURCH STREET P.O. BOX 432 GOLDSTON, NC 27252 (919) 898-2225	RECYCLING: CHATHAM COUNTY OFFICES 28 COUNTY SERVICES ROAD PITTSBORO, NC 27312 (919) 542-0058 RECYCLE@CHATHAMNC.ORG STORM DRAINAGE: CHATHAM COUNTY OFFICES WATERSHED PROTECTION 12 EAST STREET P.O. BOX 1809 PITTSBORO, NC 27312 RACHEL THORN, CPESC, DIRECTION (919) 545-8343 RACHEL.THORN@CHATHAMCOUNTYNC.GOV
STATE ROADWAYS:	NCDOT - DIVISION 8, DISTRICT 1 300 DOT DRIVE P.O. BOX 1164 ASHEBORO, NC 27204 (336) 318-4025	GAS: DOMINION ENERGY BRIAN SMITH COMMERCIAL SALES - DURHAM REASON (919) 598-7454 (919) 819-9938 BRIAN.SMITH@SCANA.COM
SOLID WASTE:	CHATHAM COUNTY OFFICES 28 COUNTY SERVICES ROAD PITTSBORO, NC 27312 (919) 542-0058 RECYCLE@CHATHAMNC.ORG	ELECTRIC: PROGRESS ENERGY CAROLINAS (800) 452-2777 TELEPHONE: AT&T (803) 928-1925

SITE INFORMATION	
OWNER/DEVELOPER:	CHATHAM RESOURCES, LLC 200 HORIZON DRIVE, SUITE 100 RALEIGH, NC 27615
ENGINEER:	SUMMIT DESIGN & ENGINEERING SERVICES WILLIAM WIRT, PE 320 EXECUTIVE COURT HILLSBOROUGH, NC 27278 (919) 732-3883 (PHONE) (919) 732-6676 (FAX) william.wirt@summitde.com
PARCEL ID:	8335, 80056, 74836
LEGAL DESCRIPTION:	TRACT 1, TRACT 2, TRACT 3
REFERENCE:	DB 2324 PG 0780; PB 2022 PG 0267
LAND AREA:	608.43 AC., 30.75 AC., 0.48 AC.
PROPERTY ADDRESS:	BONLEE CARBONTON ROAD, GOLDSTON, NC 27252
FEMA FLOODPLAIN:	3710868600K, EFFECTIVE 11/17/2017, ZONE X
EXISTING ZONING:	R-1 RESIDENTIAL DISTRICT (CHATHAM COUNTY)
PROPOSED ZONING:	CD-IH (CONDITIONAL DISTRICT - HEAVY INDUSTRIAL DISTRICT: TOWN OF GOLDSTON)
CURRENT USE:	VACANT
PROPOSED USE:	MINING
JURISDICTION:	GOLDSTON
COUNTY:	CHATHAM
STATE:	NORTH CAROLINA
RIVER BASIN:	CAPE FEAR
WATERSHED:	LOWER DEEP RIVER
SUBWATERSHED:	INDIAN CREEK (030300030602)
SETBACKS:	
FRONT:	100' MIN
SIDE:	100' MIN
REAR:	100' MIN
MAX BUILDING HEIGHT:	60'
BUILDING AREA (SF):	
SCALE HOUSE:	± 1,400 SF
OFFICE:	± 3,072 SF
MAINTENANCE SHOP:	± 10,000 SF
FUEL STATION:	± 2,246 SF
TOTAL BUILDING AREA:	± 16,718 SF
PRIVATE ROADWAY:	± 1965 LF
PARKING:	1 SPACE PER 3 EMPLOYEES ON THE LARGEST SHIFT
EMPLOYEES:	25
REQUIRED:	9 SPACES
PROVIDED:	27 SPACES, INCLUDING 1 VAN ACCESSIBLE
OFFICE:	PRIVATE WELL
SEWER:	PRIVATE SEPTIC
DISTURBED AREA:	± 364 ACRES
EXISTING IMPERVIOUS AREA:	
BUILDINGS:	0 SF
SIDEWALK/ASPHALT/GRAVEL:	0 SF
TOTAL:	0 SF (0.00AC) 0.0 %
PROPOSED IMPERVIOUS AREA:	
BUILDINGS:	16,718 SF
SIDEWALK/ASPHALT/GRAVEL:	15,443,758 SF
TOTAL:	19,456,476 SF (354.8AC) 55.5 %

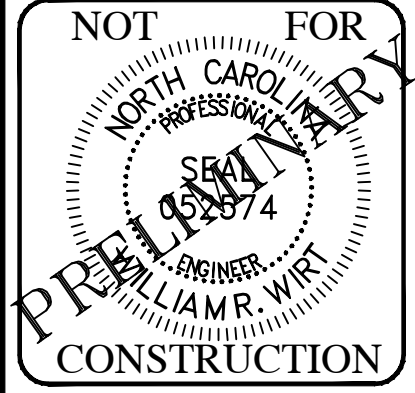


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PROJECT ENGINEER/ARCHITECT  
WY WILLIAM WIRT (SUMMITDE.COM)  
PROJECT MANAGER  
MIP (MICK PARKER@SUMMITDE.COM)  
DRAWN BY  
EH (ERIN HARBELL@SUMMITDE.COM)  
FIRST ISSUE DATE  
APRIL 19, 2024



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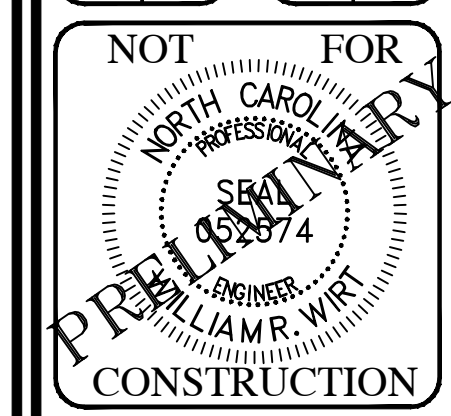
CONDITIONAL DISTRICT REZONING-SITE PLAN  
**GOLDSTON BUILDING MATERIALS**  
BONLEE CARBONTON ROAD  
GOLDSTON, NORTH CAROLINA 27252  
**COVER SHEET**

PROJECT NO.  
**23-0318.204**  
DRAWING NAME:  
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**C-1**

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 PROJECT MANAGER: WIP (MICK.PARKER@SUMMITDE.COM)  
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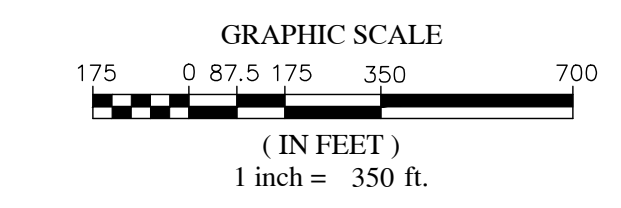
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**CONDITIONAL DISTRICT REZONING-SITE PLAN  
 GOLDSTON BUILDING MATERIALS**  
 BONLEE CAROLTON ROAD  
 GOLDSTON, NORTH CAROLINA 27525

**EXISTING CONDITIONS**

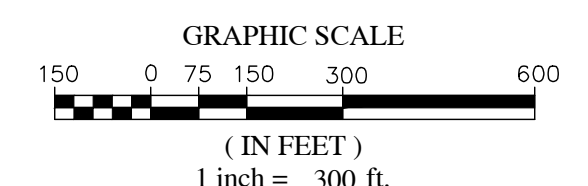
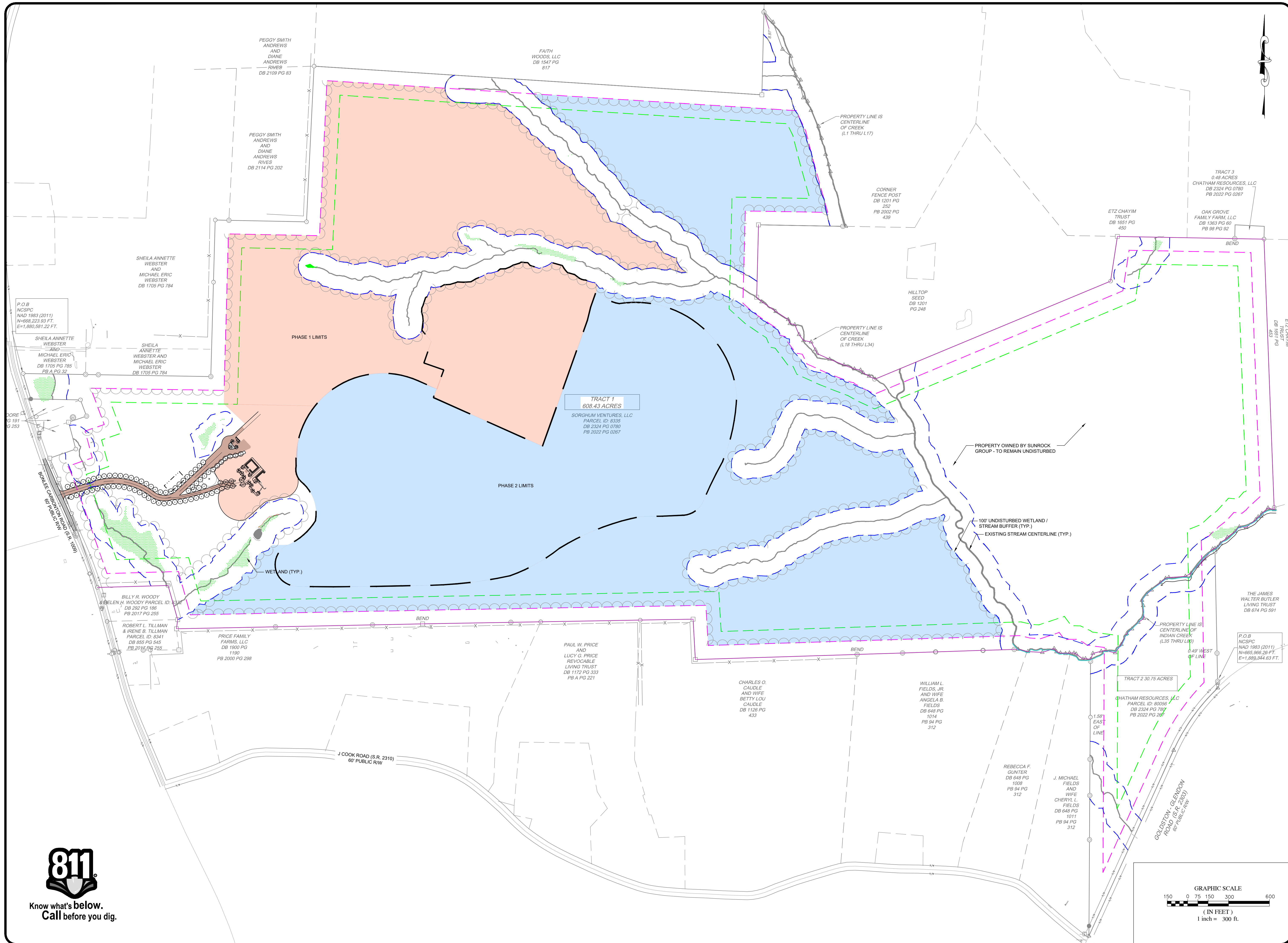
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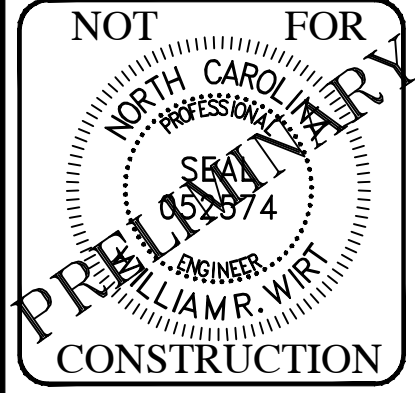
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**PROJECT ENGINEER/ARCHITECT**  
 WY WILLIAM WIRT@SUMMITDE.COM  
**PROJECT MANAGER**  
 MP MICK PARKER@SUMMITDE.COM  
**DRAWN BY**  
 EH ERIN HARRELL@SUMMITDE.COM  
**FIRST ISSUE DATE**  
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**CONDITIONAL DISTRICT REZONING-SITE PLAN**  
**GOLDSTON BUILDING MATERIALS**  
 BONLEE CARONTON ROAD  
 GOLDSTON, NORTH CAROLINA 27525

**OVERALL SITE PLAN**

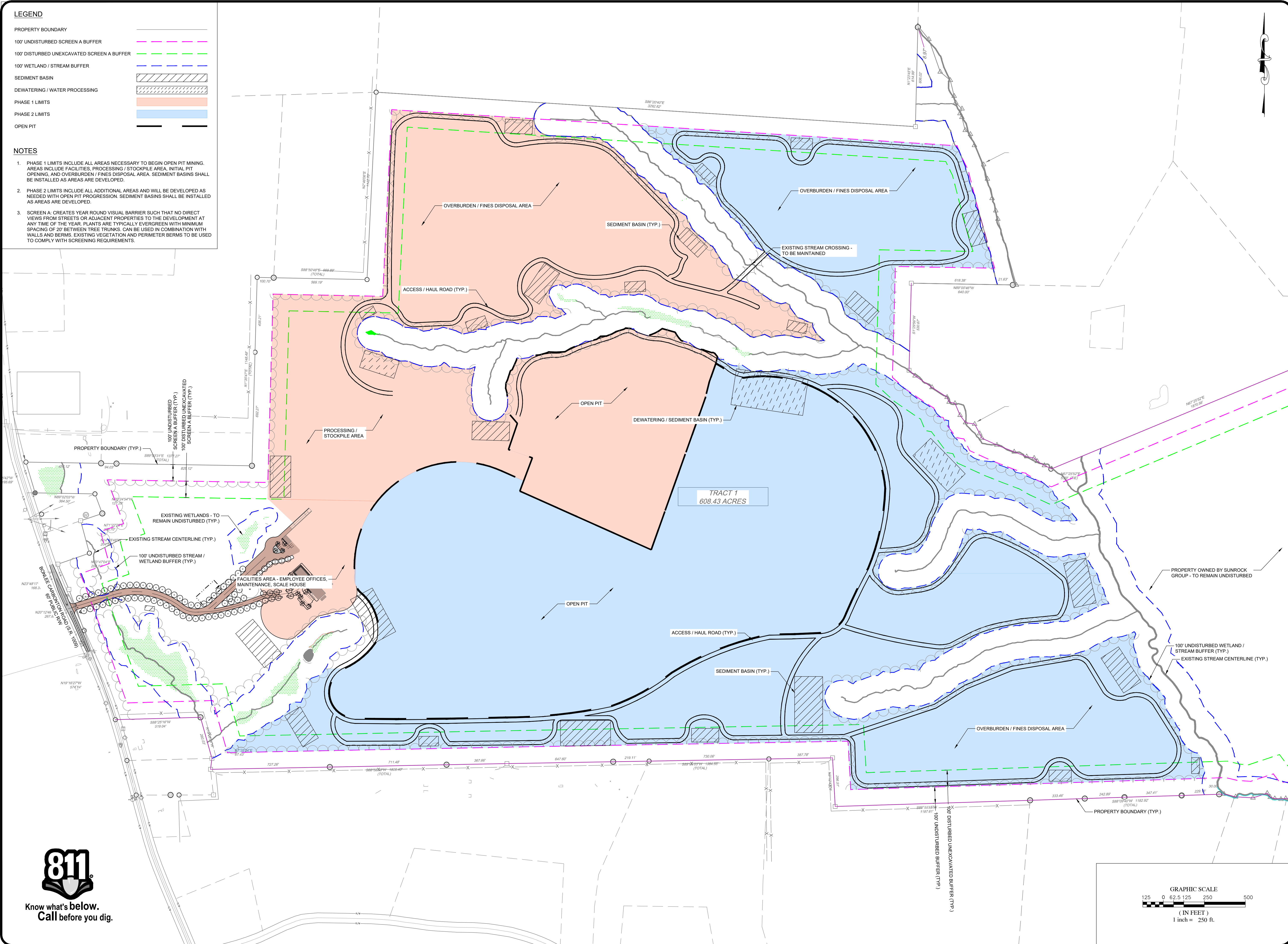
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**C-3**

**LEGEND**

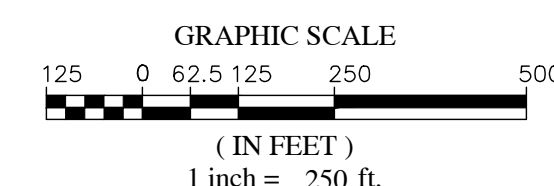
- PROPERTY BOUNDARY
- 100' UNDISTURBED SCREEN A BUFFER
- 100' DISTURBED UNEXCAVATED SCREEN A BUFFER
- 100' WETLAND / STREAM BUFFER
- SEDIMENT BASIN
- DEWATERING / WATER PROCESSING
- PHASE 1 LIMITS
- PHASE 2 LIMITS
- OPEN PIT

**NOTES**

1. PHASE 1 LIMITS INCLUDE ALL AREAS NECESSARY TO BEGIN OPEN PIT MINING. AREAS INCLUDE FACILITIES, PROCESSING / STOCKPILE AREA, INITIAL PIT OPENING, AND OVERBURDEN / FINES DISPOSAL AREA. SEDIMENT BASINS SHALL BE INSTALLED AS AREAS ARE DEVELOPED.
2. PHASE 2 LIMITS INCLUDE ALL ADDITIONAL AREAS AND WILL BE DEVELOPED AS NEEDED WITH OPEN PIT PROGRESSION. SEDIMENT BASINS SHALL BE INSTALLED AS AREAS ARE DEVELOPED.
3. SCREEN A: CREATES YEAR ROUND VISUAL BARRIER SUCH THAT NO DIRECT VIEWS FROM STREETS OR ADJACENT PROPERTIES TO THE DEVELOPMENT AT ANY TIME OF THE YEAR. PLANTS ARE TYPICALLY EVERGREEN WITH MINIMUM SPACING OF 20' BETWEEN TREE TRUNKS. CAN BE USED IN COMBINATION WITH WALLS AND BERMS. EXISTING VEGETATION AND PERIMETER BERMS TO BE USED TO COMPLY WITH SCREENING REQUIREMENTS.



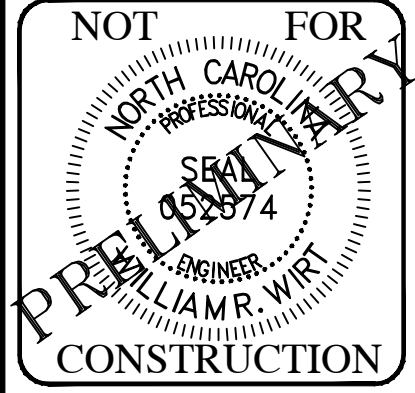
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**PROJECT ENGINEER/ARCHITECT**  
WY WILLIAM WIRT@SUMMITDE.COM  
**PROJECT MANAGER**  
MP MICK PARKER@SUMMITDE.COM  
**DRAWN BY**  
EH ERIN HARRELL@SUMMITDE.COM  
**FIRST ISSUE DATE**  
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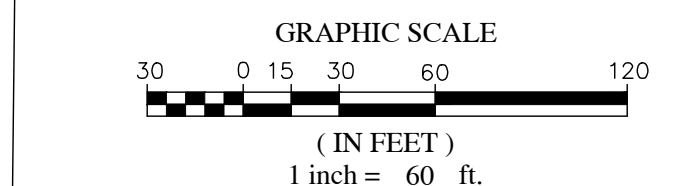
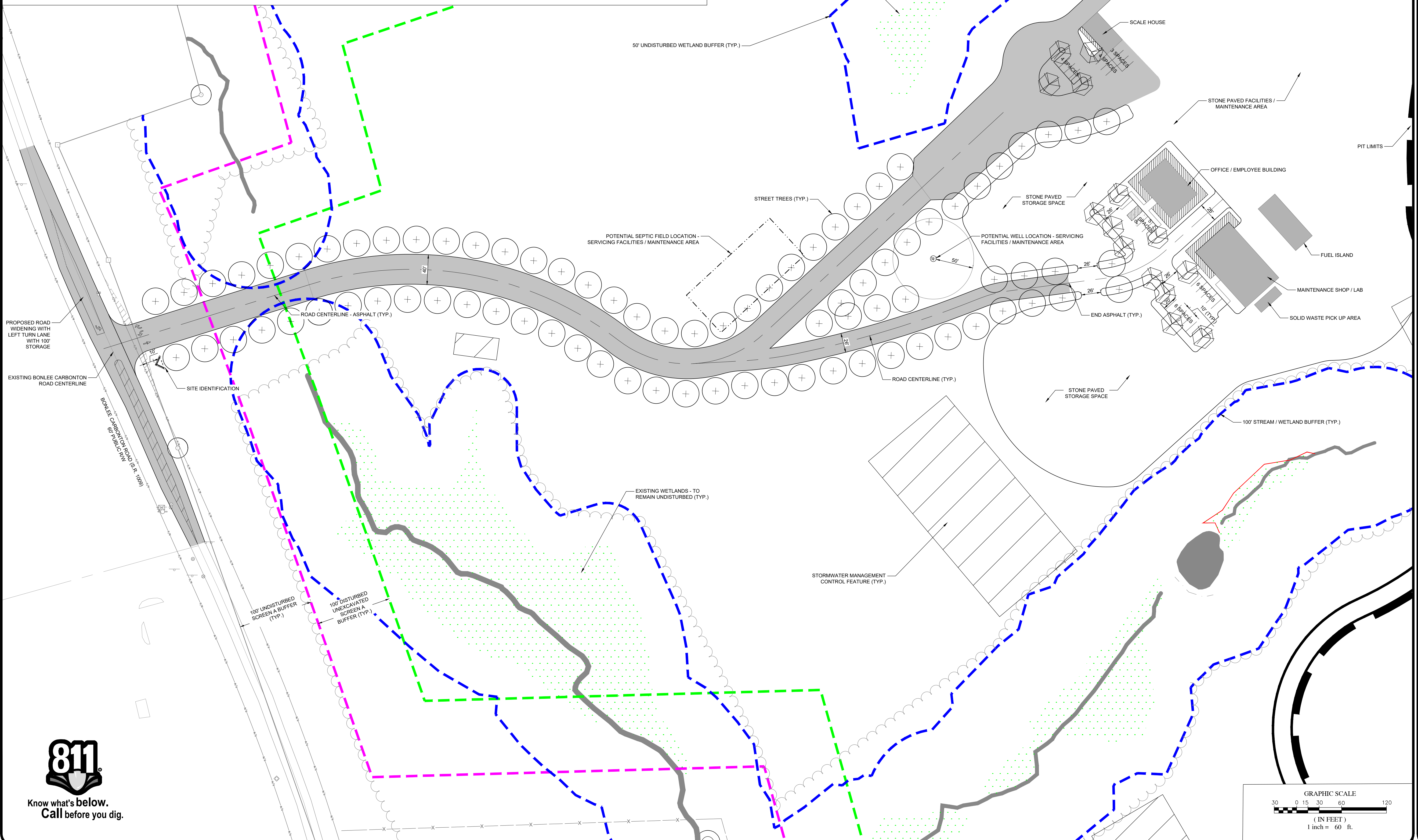
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**CONDITIONAL DISTRICT REZONING-SITE PLAN**  
**GOLDSTON BUILDING MATERIALS**  
BONLEE CARONTON ROAD  
GOLDSTON, NORTH CAROLINA 27252  
**SITE PLAN**

**PROJECT NO.**  
23-0318.204  
**DRAWING NAME:**  
23-0318\_S\_REZONING  
**SHEET NO.**  
C-4

LEGEND	
PROPERTY BOUNDARY	
100' UNDISTURBED BUFFER	
100' DISTURBED UNEXCAVATED BUFFER	
100' WETLAND / STREAM BUFFER	
ROADWAY CENTERLINE	
PROPOSED TREELINE	
SEDIMENT BASIN	
DEWATERING / WATER PROCESSING	
ASPHALT ROADWAY	

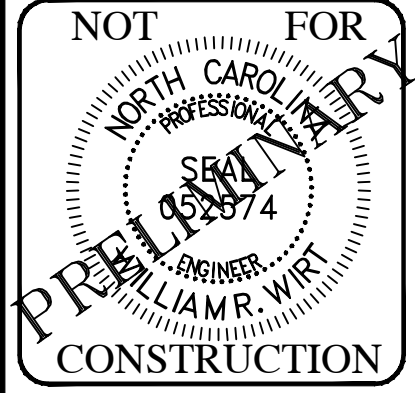
PLANTING SCHEDULE LEGEND	NAME	DESCRIPTION
	TREE PROTECTION AREA	EXISTING TREES, REGARDLESS OF SIZE, SHALL NOT BE CUT OR OTHERWISE DAMAGED OR DESTROYED. LOCATED IN FRONT, SIDE, AND REAR YARD SETBACK AREAS, STREAM BUFFERS AND LAND USE BUFFERS WHERE EXISTING TREES ARE PRESENT. ANY DISTURBANCE WITHIN THESE AREAS SHALL BE STRICTLY FOR MAINTENANCE/REPLACEMENT ACTIVITIES.
	VEHICLE USE AREA - INTERIOR LANDSCAPING	PROVIDE TREES FOR 50% OF THE PARKING AREAS TO REDUCE HEAT ISLAND EFFECT.
	STREET TREES	LOCATED ALONG PRIVATE STREETS AT 40' INTERVALS. EACH TREE SHALL BE 2.5" CALIPER WHEN INSTALLED AND BE A HEIGHT OF 30' AT MATURITY.
	FOUNDATION PLANTINGS	BUILDING PERIMETER, 5' MIN. WIDTH TO BE PLANTED WITH VEGETATION OF VARYING HEIGHTS AND TEXTURES



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PROJECT ENGINEER/ARCHITECT  
 WILLIAM WIRT (SUMMITDE.COM)  
 PROJECT MANAGER  
 EPHRAIM HARRELL (SUMMITDE.COM)  
 DRAWN BY  
 EPHRAIM HARRELL (SUMMITDE.COM)  
 FIRST ISSUE DATE  
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 DESIGN AND ENGINEERING SERVICES  
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CONDITIONAL DISTRICT REZONING-SITE PLAN  
**GOLDSTON BUILDING MATERIALS**  
 BONLEE CARBANTON ROAD  
 GOLDSTON, NORTH CAROLINA 27252  
**SITE PLAN - FACILITIES AREA**

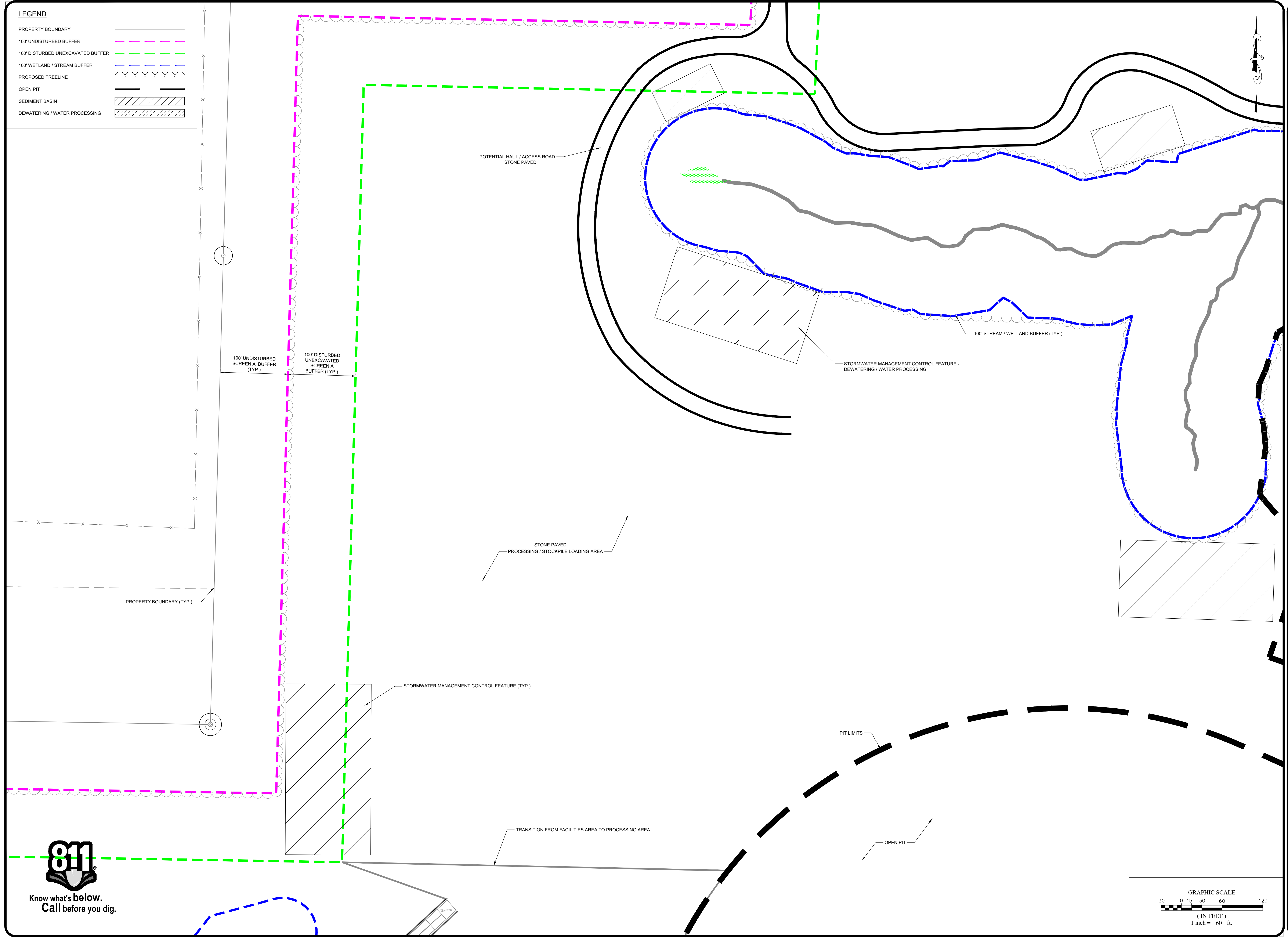
PROJECT NO.  
**23-0318.204**  
 DRAWING NAME:  
 23-0318\_S\_REZONING  
 SHEET NO.  
**C-5**



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**LEGEND**

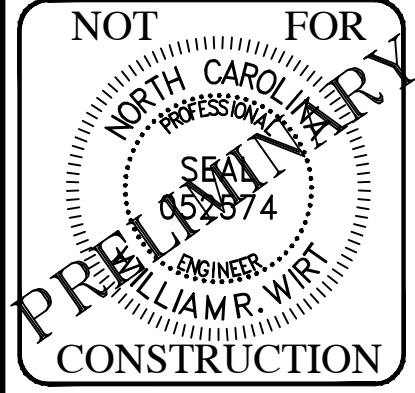
PROPERTY BOUNDARY	
100' UNDISTURBED BUFFER	
100' DISTURBED UNEXCAVATED BUFFER	
100' WETLAND / STREAM BUFFER	
PROPOSED TREELINE	
OPEN PIT	
SEDIMENT BASIN	
DEWATERING / WATER PROCESSING	



NO.	REVISIONS	DATE	BY
7			
6			
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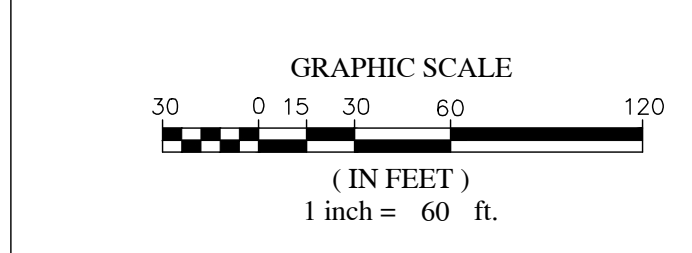
**PROJECT ENGINEER/ARCHITECT**  
 WY WILLIAM WIRT (@SUMMITDE.COM)  
**PROJECT MANAGER**  
 MP MICK PARKER (@SUMMITDE.COM)  
**DRAWN BY**  
 EH ERIN HARRELL (@SUMMITDE.COM)  
 FIRST ISSUE DATE  
 APRIL 19, 2024



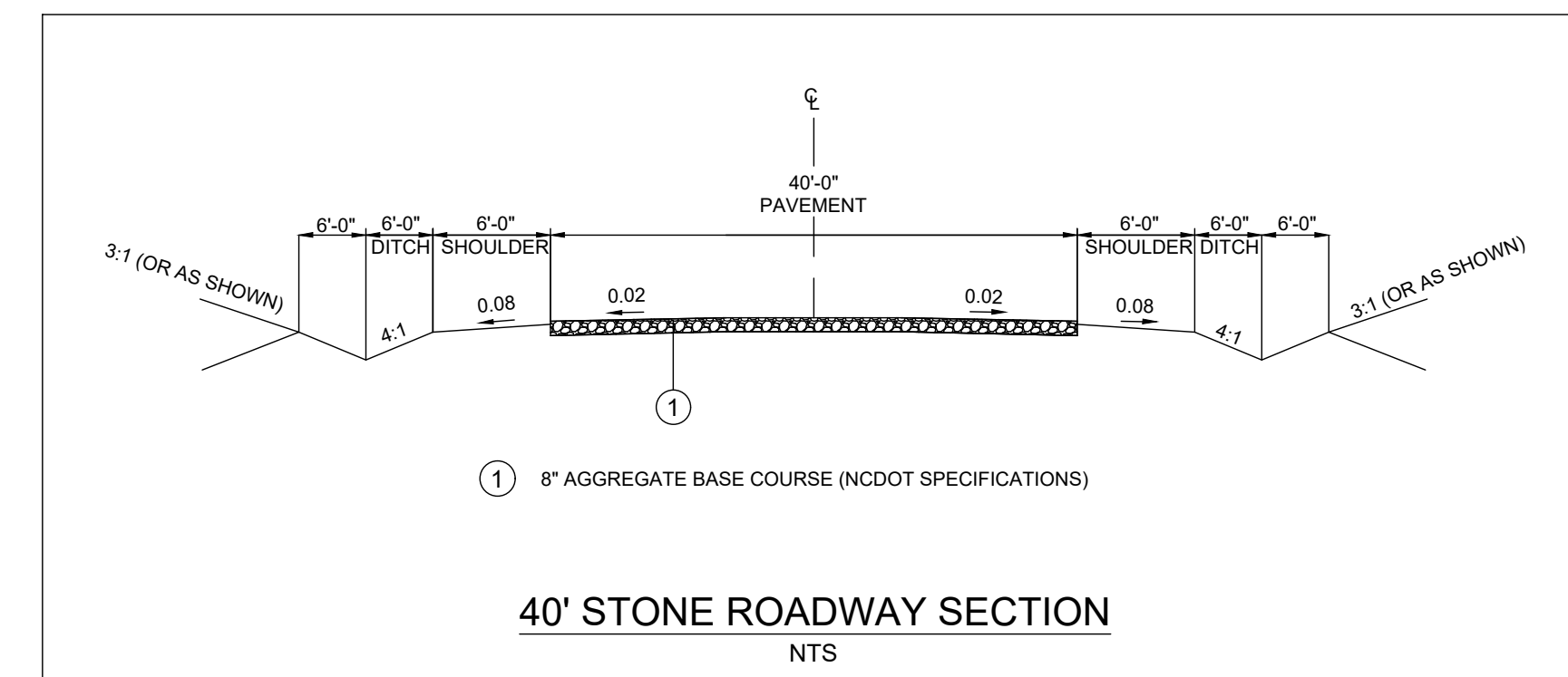
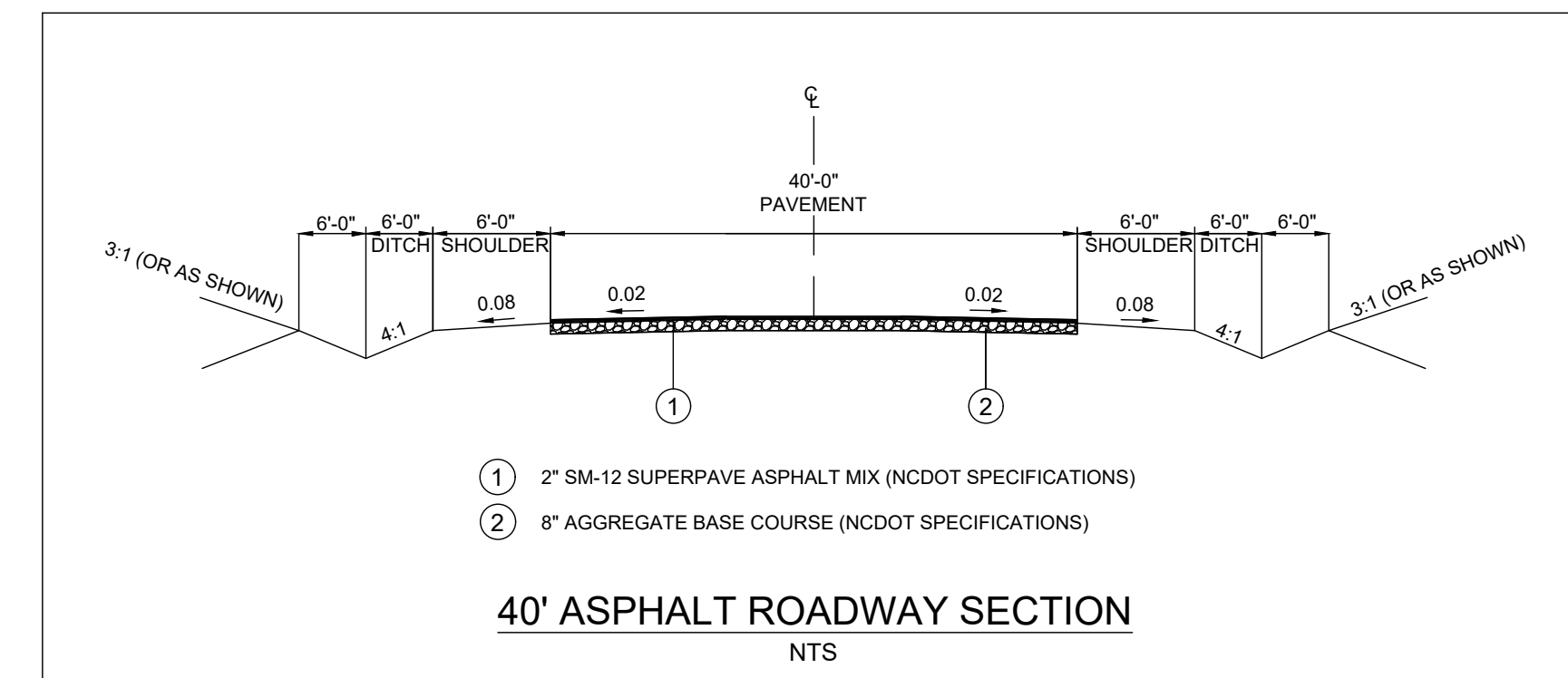
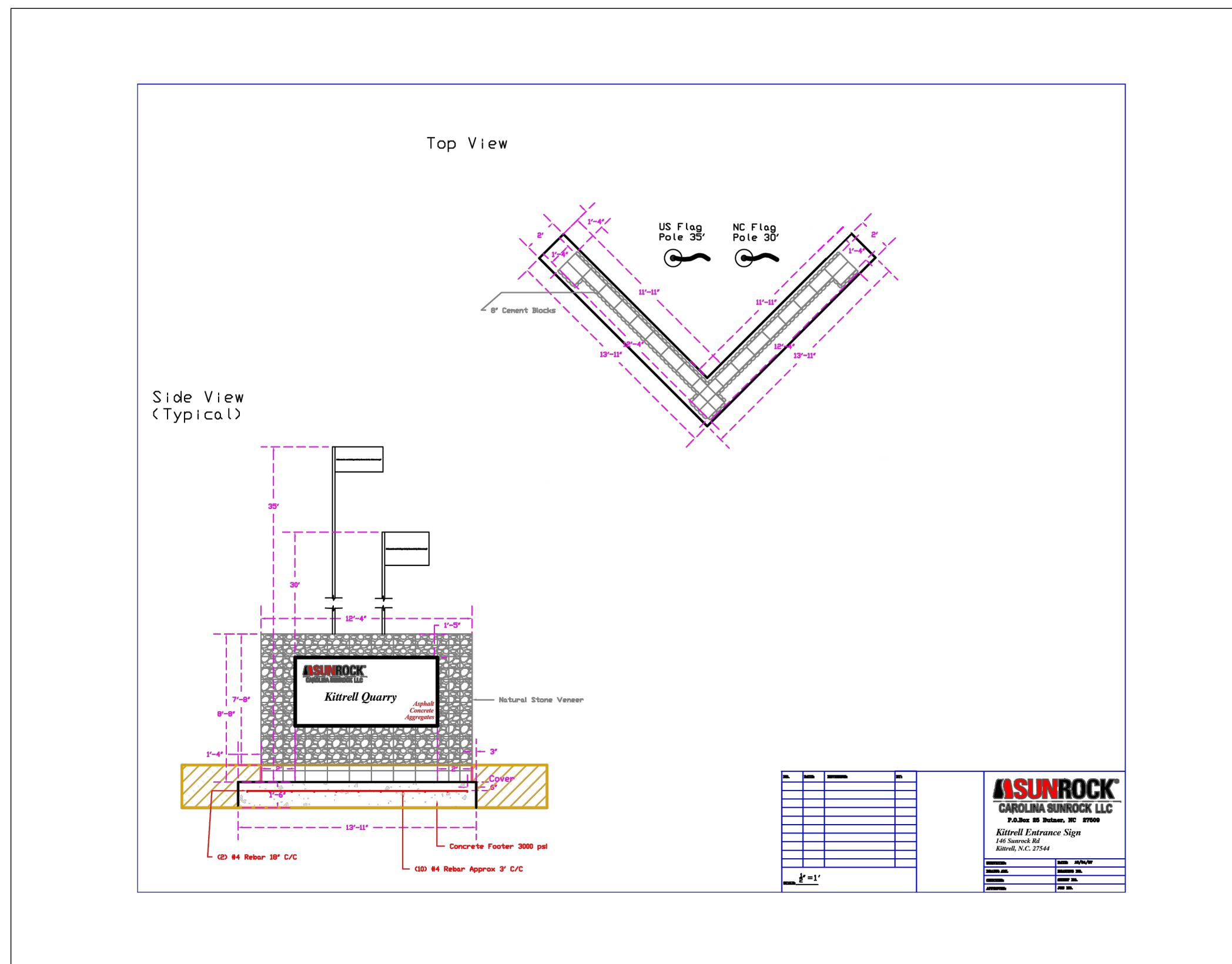
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**CONDITIONAL DISTRICT REZONING-SITE PLAN**  
**GOLDSTON BUILDING MATERIALS**  
 BONLEE CARBONTON ROAD  
 GOLDSTON, NORTH CAROLINA 27252  
**SITE PLAN - PROCESSING / STOCKPILE AREA**

PROJECT NO.  
**23-0318.204**  
 DRAWING NAME:  
 23-0318\_S\_REZONING  
 SHEET NO.  
**C-6**



N:\2023\0318 204 Golden Quarry\Drawings\20240418\_S\_REZONING.dwg SITE PLAN - PROCESSING 4/19/2024 11:08:04 AM wwh@summitde.com 1/1



### Autobahn Series ATB0 Roadway Lighting

**PRODUCT OVERVIEW**

**Applications:** Roadways, Off ramps, Residential streets, Parking lots

**DIMENSIONS**

**Features:**

The Autobahn's new molded silicone optics provide exceptional performance. Silicone optics are superior to other polymeric materials in the areas of optical efficiency, thermal performance, and reduction in dirt accumulation, all of which can lead to long term lumen degradation and a shift in optical distribution. Also, because silicone allows for the molding of fine details as well as thick sections, it produces the most crisp, clean and well-defined lighting distributions available. Silicone optics paired with modern LEDs allow the Autobahn to take full advantage of both technologies.

Same Light: Performance is comparable to 100-400W HPS roadway luminaires.

White Light: Correlated color temperature - 4000K, or optional 2700K, 3000K or 5000K, all 70 CRI minimum.

Unique IP66 rated LED light engines provided 0% uplight and restrict backlight to within sidewalk depth, providing optimal application coverage and optimal pole spacing. Available in Type II, III, IV, and V roadway distributions.

**ELECTRICAL**

Expected Life: LED light engines are rated >100,000 hours at 25°C. L70. Electronic driver has an expected life of 100,000 hours at a 25°C ambient.

Lower Energy: Saves an expected of 40-60% over comparable HD luminaires.

Robust Surge Protection: Two different surge protection options provide a minimum of ANSI C136.2 10kV/5kA protection. 20kV/10kA protection is also available.

Luminaire ships with a 0-10v dimmable driver. Luminaire is continuous and step dimming capable via A0 option or controls installed on P7 photocell receptacle option.

**MECHANICAL**

Includes standard AEL lineman-friendly features such as tool-less entry, 3 station terminal block and quick disconnects. Bubble level located inside the electrical compartment for easily leveling at installation.

Rugged die-cast aluminum housing and door are polyester powder-coated for durability and corrosion resistance. Rigorous five-stage pre-treating and painting process yields a finish that achieves a scribe creepage rating of 7 (per ASTM D1654) after over 5000 hours exposure to salt fog chamber (operated per ASTM B117).

Mast arm mount is adjustable for arms from 1-1/4" to 2" (1-5/8" to 2-3/8" O.D.) diameter. Provides a 3G vibration rating per ANSI C136.31.

Wildlife shield is cast into the housing (not a separate piece).

**CONTROLS**

NEMA 3 pin photocell receptacle is standard, with the Acuity designed ANSI standard 7 pin receptacle optionally available.

Premium solid state locking style photocell - PCCS (10 year rated life) Extreme long life solid state locking style photocell - PCLL (20 year rated life).

Optional onboard Adjustable Output module allows the light output and input wattage to be modified to meet site specific requirements, and also can allow a single fixture to be flexibly applied in many different applications.

**STANDARDS**

DesignLights Consortium™ (DLC) Premium qualified product. Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products List at [www.designlights.org/DLP](http://www.designlights.org/DLP) to confirm which versions are qualified.

Color temperatures of ≤ 3000K must be specified for International Dark-Sky Association certification.

Rated for -40°C to 40°C ambient

CSA Certified to U.S. and Canadian standards

Complies with ANSI: C136.2, C136.10, C136.14, C136.31, C136.15, C136.37

**BUY AMERICAN ACT** — Product with the BAA option is assembled in the USA and meets the Buy America (a) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to [www.acuitybrands.com/boy-american](http://www.acuitybrands.com/boy-american) for additional information.

Note: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.

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Series	LED Performance Package			Voltage	Optics
ATB0 Autobahn LED Roadway	P201 5,369 lumens nominal*	P301 10,367 lumens nominal	P451 16,320 lumens nominal	MVOLT Multi-volt, 120V-277V	R2 Roadway Type II
	P202 6,943 lumens nominal*	P302 12,185 lumens nominal	P452 19,087 lumens nominal	347 247V	R3 Roadway Type III
	P203 10,056 lumens nominal	P303 15,351 lumens nominal	P453 23,592 lumens nominal	480 480V	R3L Roadway Type III Long
	P204 12,176 lumens nominal	P304 17,714 lumens nominal	P454 25,070 lumens nominal	XVOLT 277V-480V	R4 Roadway Type IV
	P205 13,767 lumens nominal	P305 19,893 lumens nominal	P455 27,991 lumens nominal		R5 Roadway Type V
			P456 28,347 lumens nominal		
			P457 29,715 lumens nominal		

**B.U.G. Ratings**

ATB0	Distribution	2700K			3000K			4000/5000K		
		B	U	G	B	U	G	B	U	G
P201	R2	1	0	1	2	0	2	2	0	2
	R3	1	0	1	1	0	1	1	0	1
	R3L	1	0	2	1	0	2	1	0	2
	R4	1	0	2	1	0	2	1	0	2
	R5	3	0	1	3	0	1	3	0	1
P202	R2	2	0	2	2	0	2	2	0	2
	R3	1	0	2	1	0	2	1	0	2
	R3L	1	0	2	1	0	2	1	0	2
	R4	1	0	2	1	0	2	1	0	2
	R5	3	0	1	3	0	2	3	0	2
P203	R2	2	0	2	2	0	2	2	0	2
	R3	2	0	2	2	0	2	2	0	2
	R3L	2	0	2	2	0	2	2	0	2
	R4	2	0	3	2	0	3	2	0	3
	R5	3	0	2	4	0	2	4	0	2
P204	R2	2	0	3	2	0	3	2	0	3
	R3	2	0	3	2	0	3	2	0	3
	R3L	2	0	3	2	0	3	2	0	3
	R4	2	0	3	2	0	3	2	0	3
	R5	4	0	2	4	0	2	4	0	2

**PERFORMANCE PACKAGE**

ATB0	Distribution	Input Watts	2700K		3000K		4000K/5000K	
			Lumens	LPW	Lumens	LPW	Lumens	LPW
P201	R2	36	4,983	137	5,473	151	5,488	150
	R3		4,962	136	5,107	140	5,553	152
	R3L		4,893	130	4,851	135	5,105	142
	R4		5,945	129	5,130	141	5,346	147
	R5		5,084	142	5,384	148	5,387	150
P202	R2	49	6,429	132	7,100	147	7,203	148
	R3		6,280	131	6,879	137	7,227	148
	R3L		6,607	123	6,223	127	6,567	134
	R4		6,517	136	6,749	140	6,906	144
	R5		6,560	137	6,988	146	6,951	146
P203	R2	70	9,005	130	10,050	144	10,150	147
	R3		8,951	129	9,471	134	10,280	149
	R3L		8,422	120	8,658	124	9,161	131
	R4		9,494	137	9,673	139	10,060	145
	R5		9,188	134	9,784	142	9,726	142
P204	R2	88	11,007	125	11,300	126	12,410	141
	R3		10,940	124	11,490	132	12,470	141
	R3L		10,147	115	10,494	119	11,038	125
	R4		11,485	132	11,900	136	12,170	139
	R5		11,220	131	11,780	137	11,990	138

**PERFORMANCE PACKAGE**

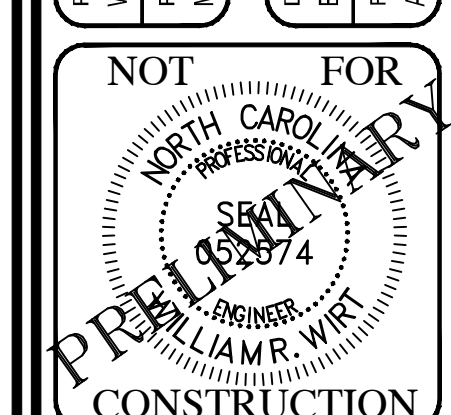
LLD @ 25°C

ATB0	R2, R3 Distributions 3000K & 4000K CCT			R2, R3 Distributions 2700K & 5000K CCT*			R3L, R4, R5, Distributions Any CCT		
	50k Hours	75k Hours	100k Hours	50k Hours	75k Hours	100k Hours	50k Hours	75k Hours	100k Hours
P201	0.96	0.95	0.94	0.92	0.88	0.85	0.92	0.88	0.85
P202	0.96	0.95	0.94	0.92	0.88	0.85	0.92	0.88	0.85
P203	0.96	0.95	0.93	0.91	0.88	0.85	0.91	0.88	0.85
P204	0.96	0.95	0.93	0.91	0.88	0.84	0.91	0.88	0.84

NO.	REVISIONS	DATE	BY
7			
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PROJECT ENGINEER/ARCHITECT: WY (WILLIAM WYR@SUMMITDE.COM)  
PROJECT MANAGER: MP (MICK PARKER@SUMMITDE.COM)  
DRAWN BY: EH (EHRIN HARRELL@SUMMITDE.COM)  
FIRST ISSUE DATE: APRIL 19, 2024



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State License #: 20-0839  
320 Executive Court  
Fayetteville, NC 27278  
Voice: (919) 732-8883 Fax: (919) 732-4676  
[www.summitde.com](http://www.summitde.com)

CONDITIONAL DISTRICT REZONING-SITE PLAN  
**GOLDSTON BUILDING MATERIALS**  
BONLEE CAROLTON ROAD  
GOLDSTON, NORTH CAROLINA 27252

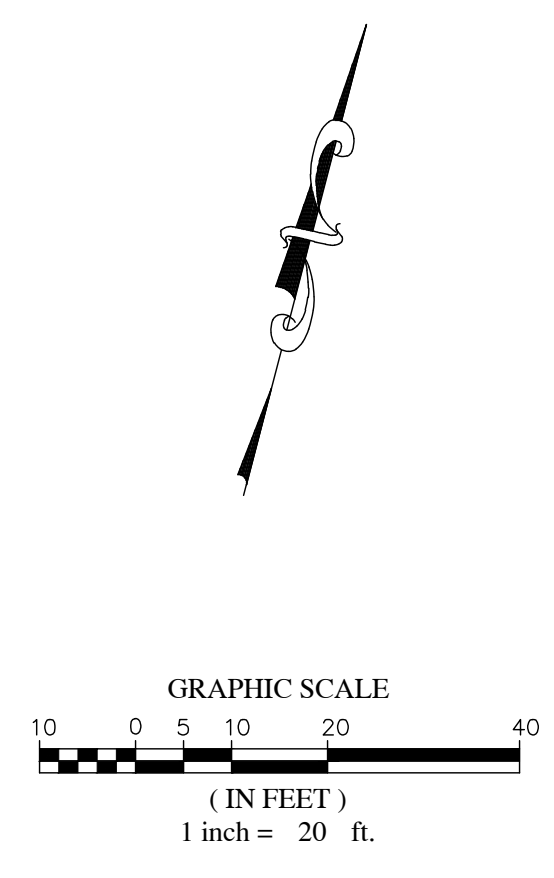
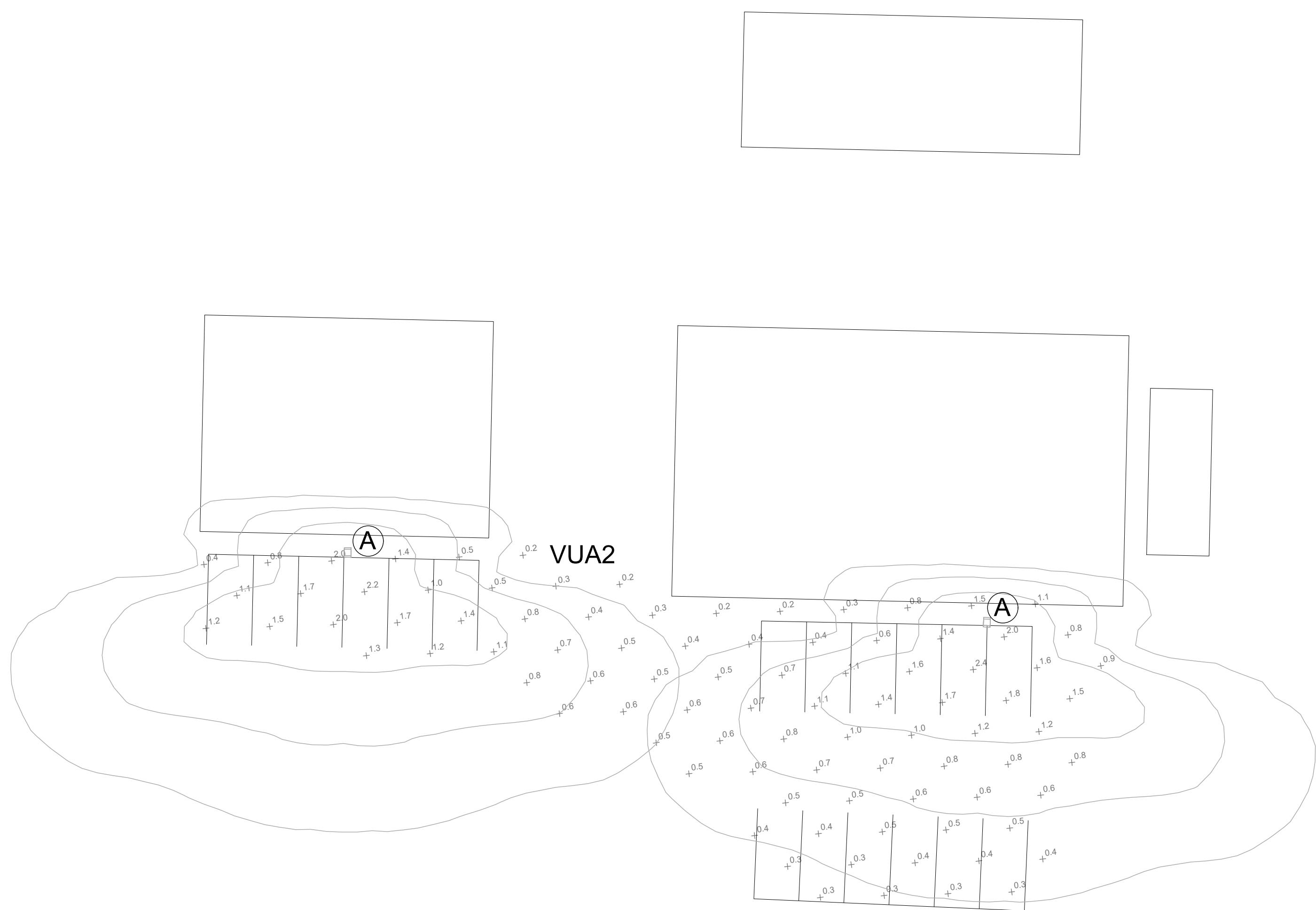
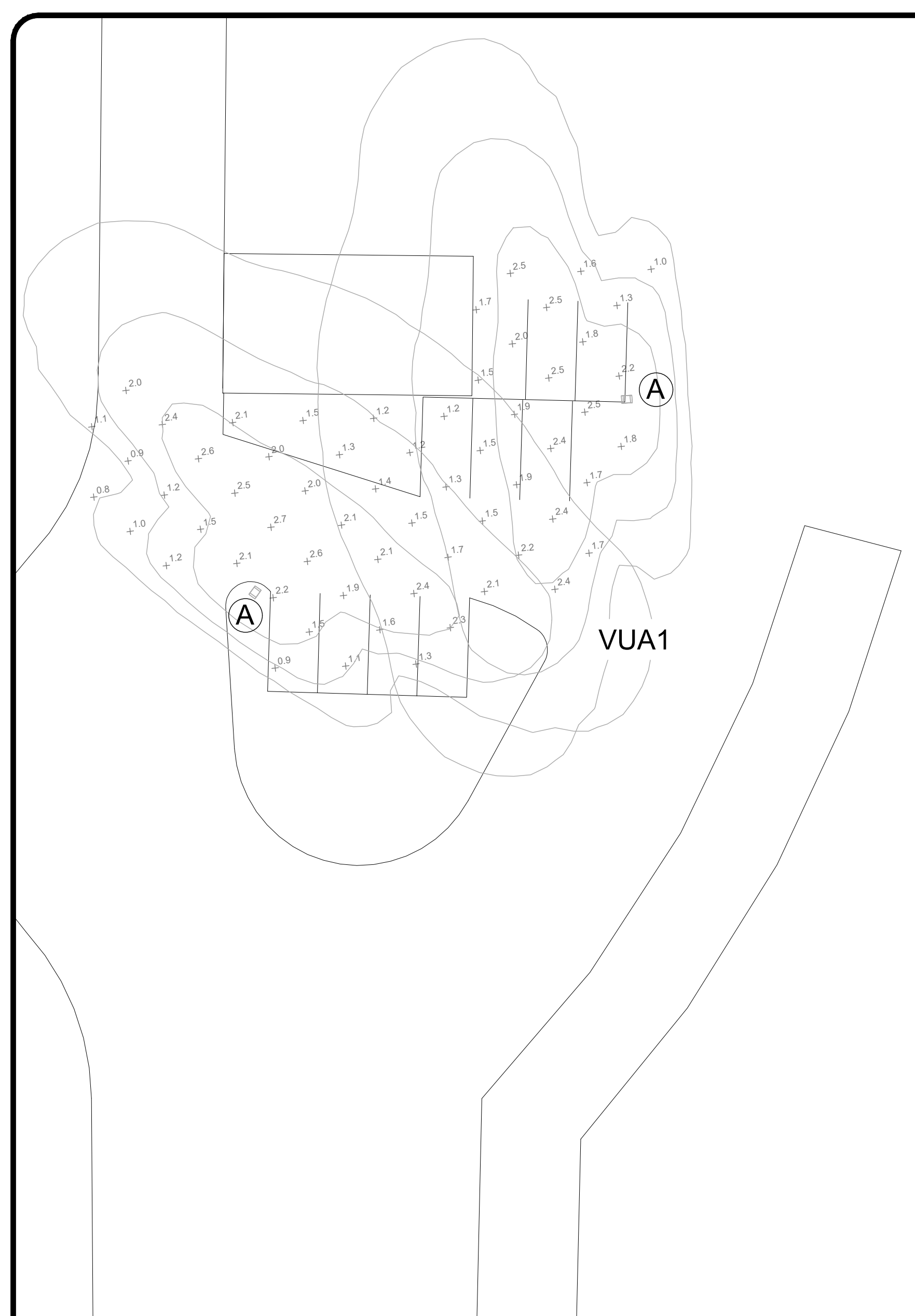
**SITE DETAILS**

PROJECT NO.  
**23-0318.204**

DRAWING NAME:  
23-0318\_D.dwg

SHEET NO.  
**C-7**

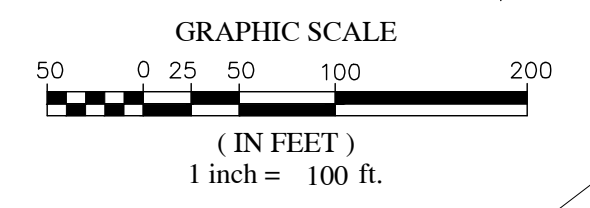
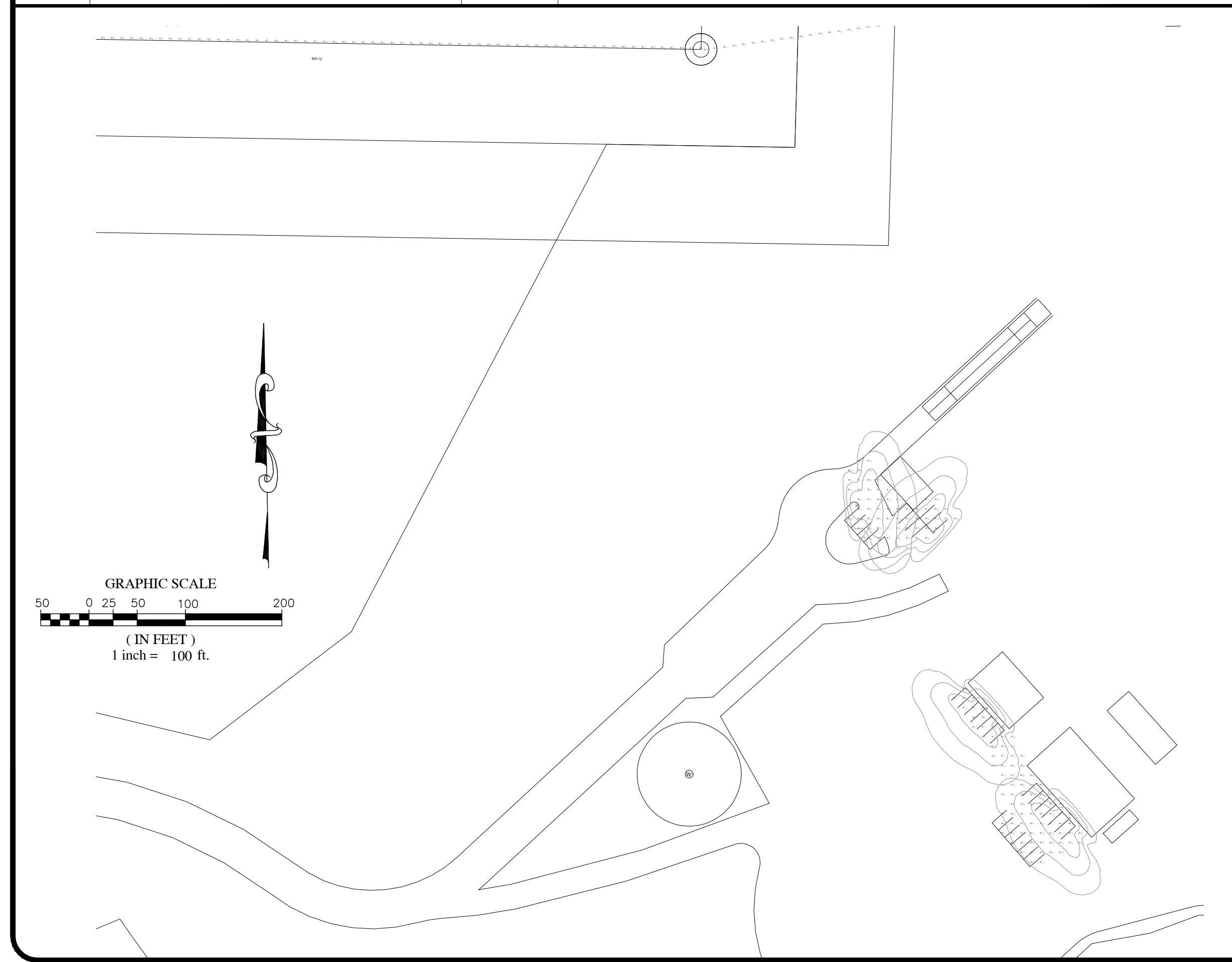
Label	Catalog Number	Description	File	Lamp Lumen	Lumen Mt. LLF	Watts
A	ATB0 P204 R2 3K	Autobahn Small P204 Package Roadway Type II 3000K	ATB0_P204_R2_3K.ies	11799.75	1	1 88



VUA1	
AVERAGE	1.8 FC
MAXIMUM	2.7 FC
MINIMUM	0.8 FC
MAX/MIN	3.4:1
AVERAGE/MIN	2.3:1

VUA2	
AVERAGE	0.8 FC
MAXIMUM	2.4 FC
MINIMUM	0.2 FC
MAX/MIN	12.0:1
AVERAGE/MIN	4.0:1



### Autobahn Series ATB0 Roadway Lighting

**PRODUCT OVERVIEW**

**Applications:**  
Roadways  
Off ramps  
Residential streets  
Parking lots

**DIMENSIONS**

Effective Projected Area (EPA): The EPA for the ATB0 is 0.79 sq. ft. Approx. W x H = 4 ft.

**STANDARDS**

DesignLights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products List at [www.designlights.org/DLC](http://www.designlights.org/DLC) to confirm which versions are qualified.

Color temperatures of ≤ 3000K must be specified for International Dark-Sky Association certification.

Rated for -40°C to 40°C ambient  
CSA Certified to U.S. and Canadian standards  
Complies with ANSI C136.2, C136.10, C136.14, C136.31, C136.15, C136.37

**BUY AMERICAN ACT** — Product with the BAA option is assembled in the USA and meets the Buy American (a) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to [www.buyamericans.com/buy-american](http://www.buyamericans.com/buy-american) for additional information.

Note: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.

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### Autobahn Series ATB0 Roadway Lighting

**B.U.G. Ratings**

ATB0	Distribution	2700K			3000K			4000/5000K		
		B	U	G	B	U	G	B	U	G
P201	R2	1	0	1	2	0	2	2	0	2
	R3	1	0	1	1	0	1	1	0	1
	R3L	1	0	2	1	0	2	1	0	2
	R4	1	0	2	1	0	2	1	0	2
P202	R2	2	0	2	2	0	2	2	0	2
	R3	1	0	2	1	0	2	1	0	2
	R3L	1	0	2	1	0	2	1	0	2
	R4	1	0	2	1	0	2	1	0	2
P203	R2	2	0	2	2	0	2	2	0	2
	R3	3	0	1	3	0	2	3	0	2
	R3L	2	0	2	2	0	2	2	0	2
	R4	2	0	3	2	0	3	2	0	3
P204	R2	3	0	2	3	0	3	3	0	3
	R3	2	0	2	2	0	2	2	0	2
	R3L	2	0	3	2	0	3	2	0	3
	R4	2	0	3	2	0	3	2	0	3
P205	R2	2	0	2	2	0	2	2	0	2
	R3	2	0	3	2	0	3	2	0	3
	R3L	2	0	3	2	0	3	2	0	3
	R4	2	0	3	2	0	3	2	0	3
P301	R2	2	0	2	2	0	2	2	0	2
	R3	2	0	2	2	0	2	2	0	2
	R3L	2	0	2	2	0	2	2	0	2
	R4	2	0	2	2	0	2	2	0	2
P302	R2	3	0	3	3	0	3	3	0	3
	R3	2	0	2	2	0	2	2	0	2
	R3L	2	0	3	2	0	3	2	0	3
	R4	2	0	3	2	0	3	2	0	3
P303	R2	4	0	2	4	0	2	4	0	2
	R3	3	0	3	3	0	3	3	0	3
	R3L	2	0	2	2	0	2	2	0	2
	R4	2	0	3	2	0	3	2	0	3
P304	R2	4	0	2	4	0	2	4	0	2
	R3	3	0	3	3	0	3	3	0	3
	R3L	2	0	3	3	0	3	3	0	3
	R4	3	0	3	3	0	3	3	0	3
P305	R2	4	0	2	4	0	2	4	0	2
	R3	3	0	3	3	0	3	3	0	3
	R3L	3	0	3	3	0	3	3	0	3
	R4	3	0	3	3	0	3	3	0	3

**Features:**

**OPTICAL**  
The Autobahn's new molded silicone optics provide exceptional performance. Silicone optics are superior to other polymeric materials in the areas of: optical efficiency, thermal performance, and reduction in dirt accumulation, all of which can lead to long term lumen degradation and a shift in optical distribution. Also, because silicone allows for the molding of fine details as well as thick sections, it produces the most crisp, clean and well-defined lighting distributions available. Silicone optics paired with modern LED's allow the Autobahn to take full advantage of both technologies.

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White Light: Correlated color temperature - 4000K, or optional 2700K, 3000K or 5000K, all 70 CRI minimum.

Unique IP66 rated LED light engines provided 0% uplight and restrict backlight to within sidewalk depth, providing optimal application coverage and optimal pole spacing. Available in Type II, III, IV, and V roadway distributions.

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Lower Energy: Saves an expected of 40-60% over comparable HID luminaires.  
Robust Surge Protection: Two different surge protection options provide a minimum of ANSI C136.2 10kV/5kA protection. 20kV/10kA protection is also available.  
Luminaire ships with a 0-10v dimmable driver. Luminaire is continuous and step dimming capable via A0 option or controls installed on P7 photocell receptacle option.

**MECHANICAL**  
Includes standard AEL lineman-friendly features such as tool-less entry, 3 station terminal block and quick disconnects. Bubble located inside the electrical compartment for easy leveling at installation.  
Rugged die-cast aluminum housing and door are polyester powder-coated for durability and corrosion resistance. Rigorous five-stage pre-treating and painting process yields a finish that achieves a salt-crystallization rating of 7 (per ASTM D1654) after over 5000 hours exposure to salt fog chamber (operated per ASTM B117).  
Mast arm mount is adjustable for arms from 1-1/4" to 2" (1-5/8" to 2-3/8" O.D.) diameter. Provides a 3G vibration rating per ANSI C136.31.  
Wildlife shield is cast into the housing (not a separate piece).

**CONTROLS**  
NEMA 3 pin photocell receptacle is standard, with the Acuity designed ANSI standard 7 pin receptacle optionally available.  
Premium solid state locking style photocell - PCSS (10 year rated life) Extreme long life solid state locking style photocell - PCLL (20 year rated life).  
Optional onboard Adjustable Output module allows the light output and input wattage to be modified to meet site specific requirements, and also can allow a single fixture to be flexibly applied in many different applications.

**Warranty** Five-year limited warranty. This is the only warranty provided and no other statements in the specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.aelbrands.com/brand/autobahn/autobahn-warranty](http://www.aelbrands.com/brand/autobahn/autobahn-warranty)

Note: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.

**AEL American Electric Lighting**  
AEL Headquarters, One Lithonia Way, Conyers Georgia 30012  
www.americanelectriclighting.com Phone: 1-866-NO-DIPRAVE  
Email: TechSupport@AELAcuityBrands.com  
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NO.	DATE	REVISIONS	BY
7			
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**COMPANY:** SUMMIT DESIGN AND ENGINEERING SERVICES  
**PROJECT:** VUA1  
**DESIGNER:** WILLIAM WIRT  
**CHECKER:** ERIK HARRELL  
**DRAWN BY:** ERIK HARRELL  
**FIRST ISSUE DATE:** APRIL 19, 2024

**NOT FOR CONSTRUCTION**

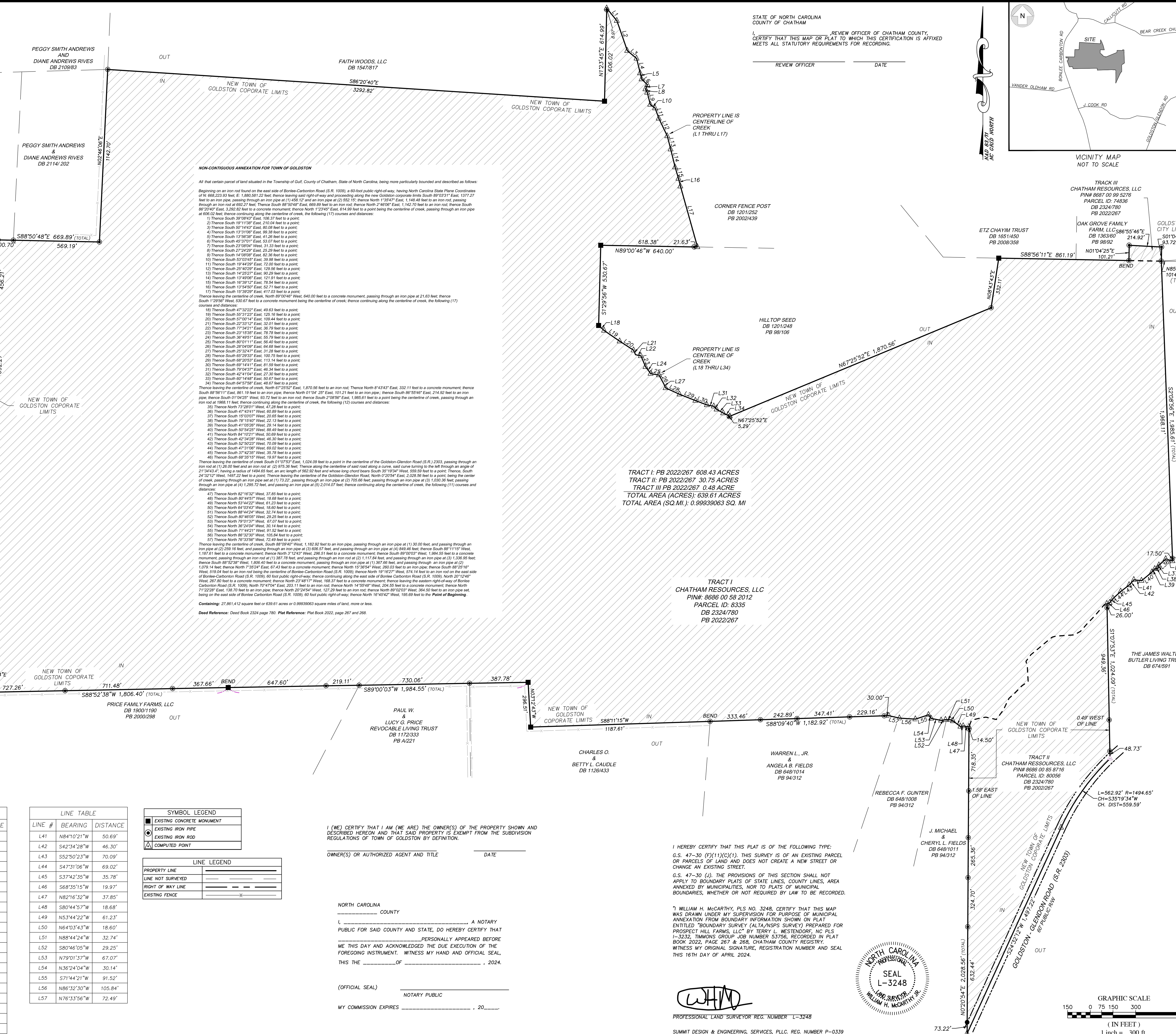
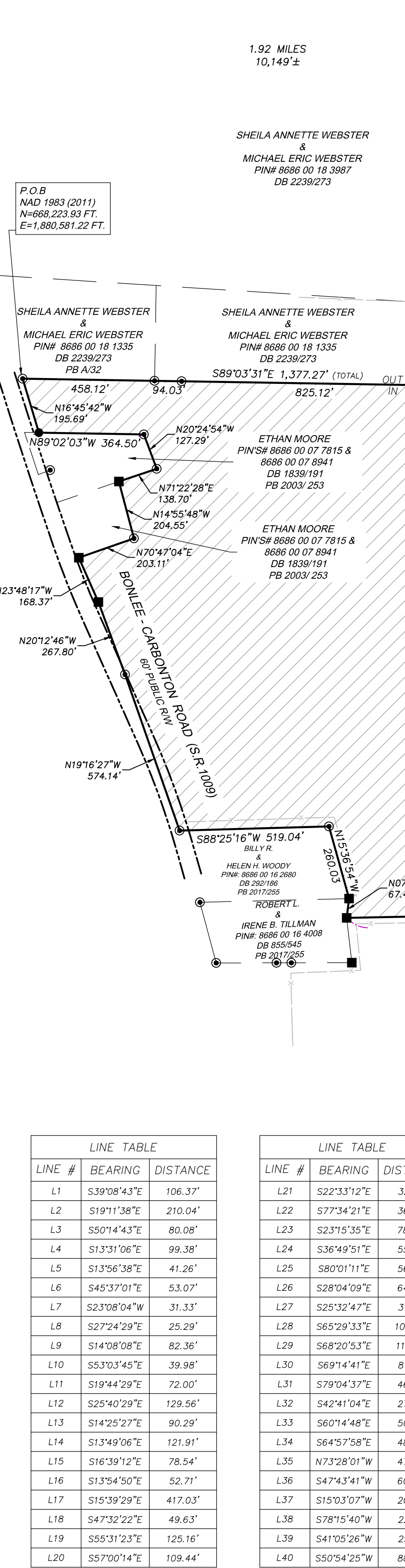
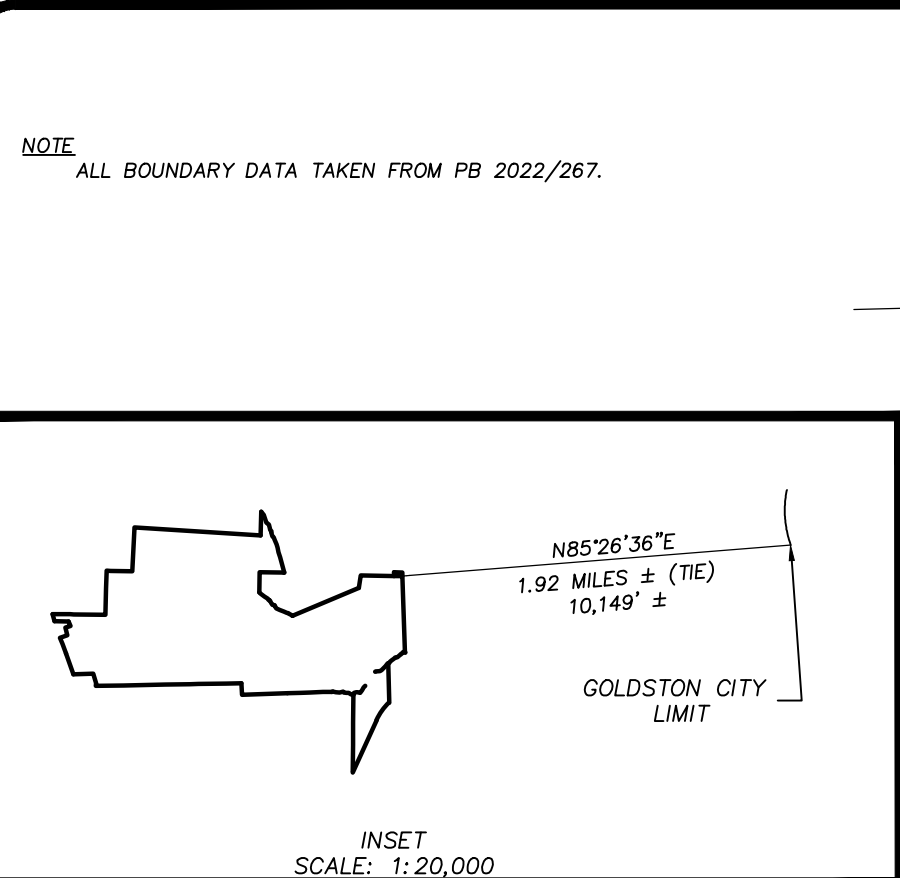
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Fayetteville, NC 27278  
Voice: (919) 732-8883 Fax: (919) 732-4676  
www.summitde.com

**PRELIMINARY SITE PLANS**  
**GOLDSTON QUARRY**  
BONLEE CAROLTON ROAD  
GOLDSTON, NORTH CAROLINA 27252

**LIGHTING PLAN**

PROJECT NO.: 23-0318.204  
DRAWING NAME: 23-0318\_li.dwg  
SHEET NO.: LI-1





STATE OF NORTH CAROLINA  
COUNTY OF CHATHAM

I, \_\_\_\_\_, REVIEW OFFICER OF CHATHAM COUNTY, CERTIFY THAT THIS MAP OR PLAN TO WHICH THIS CERTIFICATION IS AFFIXED MEETS ALL STATUTORY REQUIREMENTS FOR RECORDING.

REVIEW OFFICER: \_\_\_\_\_ DATE: \_\_\_\_\_

NO.	REVISIONS	DATE	BY
1			
2			
3			
4			
5			
6			
7			

SURVEY PROJECT MGR: WHM

DRAWN BY: OFK

CHECKED BY: WHM

SUMMIT DESIGN AND ENGINEERING SERVICES, PLLC  
220 EXECUTIVE COURT  
HILLSBOROUGH, NC 27278-6551  
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NOTE: ALL BOUNDARY DATA TAKEN FROM PB 2022/267.

LINE #	BEARING	DISTANCE
L1	S39°08'43"E	106.37'
L2	S19°11'38"E	210.04'
L3	S50°14'43"E	80.08'
L4	S13°31'06"E	99.38'
L5	S13°56'38"E	41.26'
L6	S45°37°01"E	53.07'
L7	S23°08'04"W	31.33'
L8	S27°24'29"E	25.29'
L9	S14°08'08"E	82.36'
L10	S53°03'45"E	39.98'
L11	S19°44'29"E	72.00'
L12	S25°40'29"E	129.56'
L13	S14°25'27"E	90.29'
L14	S13°49'06"E	121.91'
L15	S16°39'12"E	78.54'
L16	S13°54'50"E	52.71'
L17	S15°39'29"E	417.03'
L18	S47°32'22"E	48.63'
L19	S55°31'23"E	125.16'
L20	S57°00'14"E	109.44'

LINE #	BEARING	DISTANCE
L21	S22°33'12"E	32.01'
L22	S77°34'21"E	36.79'
L23	S23°15'35"E	78.78'
L24	S36°49'51"E	55.79'
L25	S80°01'11"E	56.40'
L26	S28°04'09"E	64.68'
L27	S25°32'47"E	31.28'
L28	S65°29'33"E	100.75'
L29	S68°20'53"E	113.14'
L30	S69°14'41"E	81.59'
L31	S79°04'37"E	46.34'
L32	S42°41'04"E	27.30'
L33	S60°14'48"E	50.67'
L34	S64°57'58"E	48.67'
L35	N73°28'01"W	47.28'
L36	S47°43'41"W	60.89'
L37	S15°03'07"W	20.65'
L38	S78°15'40"W	22.13'
L39	S41°05'26"W	29.14'
L40	S50°54'25"W	88.49'

LINE #	BEARING	DISTANCE
L41	N64°10'21"W	50.69'
L42	S42°34'28"W	46.30'
L43	S52°30'23"W	70.09'
L44	S47°31'06"W	69.02'
L45	S37°42'35"W	35.78'
L46	S68°35'15"W	19.97'
L47	N82°16'32"W	37.85'
L48	S80°44'57"W	18.68'
L49	N53°44'22"W	61.23'
L50	N64°03'43"W	18.60'
L51	N88°44'24"W	32.74'
L52	S80°46'05"W	29.25'
L53	N79°01'37"W	67.07'
L54	N36°24'04"W	30.14'
L55	S71°42'21"W	91.52'
L56	N86°32'30"W	105.84'
L57	N78°33'56"W	72.49'

SYMBOL LEGEND

- EXISTING CONCRETE MONUMENT
- EXISTING IRON PIPE
- EXISTING IRON ROD
- COMPUTED POINT

PROPERTY LINE	LINE NOT SURVEYED	RIGHT OF WAY LINE	EXISTING FENCE
—	- - - - -	—	X - - - - -

I (WE) CERTIFY THAT I (AM WE ARE) THE OWNER(S) OF THE PROPERTY SHOWN AND DESCRIBED HEREON AND THAT SAID PROPERTY IS EXEMPT FROM THE SUBDIVISION REGULATIONS OF TOWN OF GOLDSTON BY DEFINITION.

OWNER(S) OR AUTHORIZED AGENT AND TITLE \_\_\_\_\_ DATE \_\_\_\_\_

NORTH CAROLINA COUNTY \_\_\_\_\_

I, \_\_\_\_\_, A NOTARY PUBLIC FOR SAID COUNTY AND STATE, DO HEREBY CERTIFY THAT PERSONALLY APPEARED BEFORE ME THIS DAY AND ACKNOWLEDGED THE DUE EXECUTION OF THE FOREGOING INSTRUMENT. WITNESS MY HAND AND OFFICIAL SEAL, THIS THE \_\_\_\_\_ OF \_\_\_\_\_, 2024.

(OFFICIAL SEAL) \_\_\_\_\_ NOTARY PUBLIC  
MY COMMISSION EXPIRES \_\_\_\_\_, 20\_\_\_\_.

I HEREBY CERTIFY THAT THIS PLAT IS OF THE FOLLOWING TYPE:  
G.S. 47-30 (F)(1)(i)(I); THIS SURVEY IS OF AN EXISTING PARCEL OF PARCELS OF LAND AND DOES NOT CREATE A NEW STREET OR CHANGE AN EXISTING STREET.  
G.S. 47-30 (J); THE PROVISIONS OF THIS SECTION SHALL NOT APPLY TO BOUNDARY PLATS OF STATE LINES, COUNTY LINES, AREA ANNEXED BY MUNICIPALITIES, NOR TO PLATS OF MUNICIPAL BOUNDARIES, WHETHER OR NOT REQUIRED BY LAW TO BE RECORDED.

"I, WILLIAM H. MCCARTHY, PLS NO. 3248, CERTIFY THAT THIS MAP WAS DRAWN UNDER MY SUPERVISION FOR PURPOSE OF MUNICIPAL ANNEXATION FROM BOUNDARY INFORMATION SHOWN ON FLAT ENTITLED "BOUNDARY SURVEY (ALTA/NPS SURVEY) PREPARED FOR PROSPECT HILL FARMS, LLC BY TERRY L. WESTENDORF, NC PLS I-3232, TIMMONS GROUP JOB NUMBER 53756, RECORDED IN PLAT BOOK 2022, PAGE 267 & 268, CHATHAM COUNTY REGISTRY. WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER AND SEAL THIS 16TH DAY OF APRIL 2024.

PROFESSIONAL LAND SURVEYOR REG. NUMBER L-3248  
SUMMIT DESIGN & ENGINEERING SERVICES, PLLC. REG. NUMBER P-0339

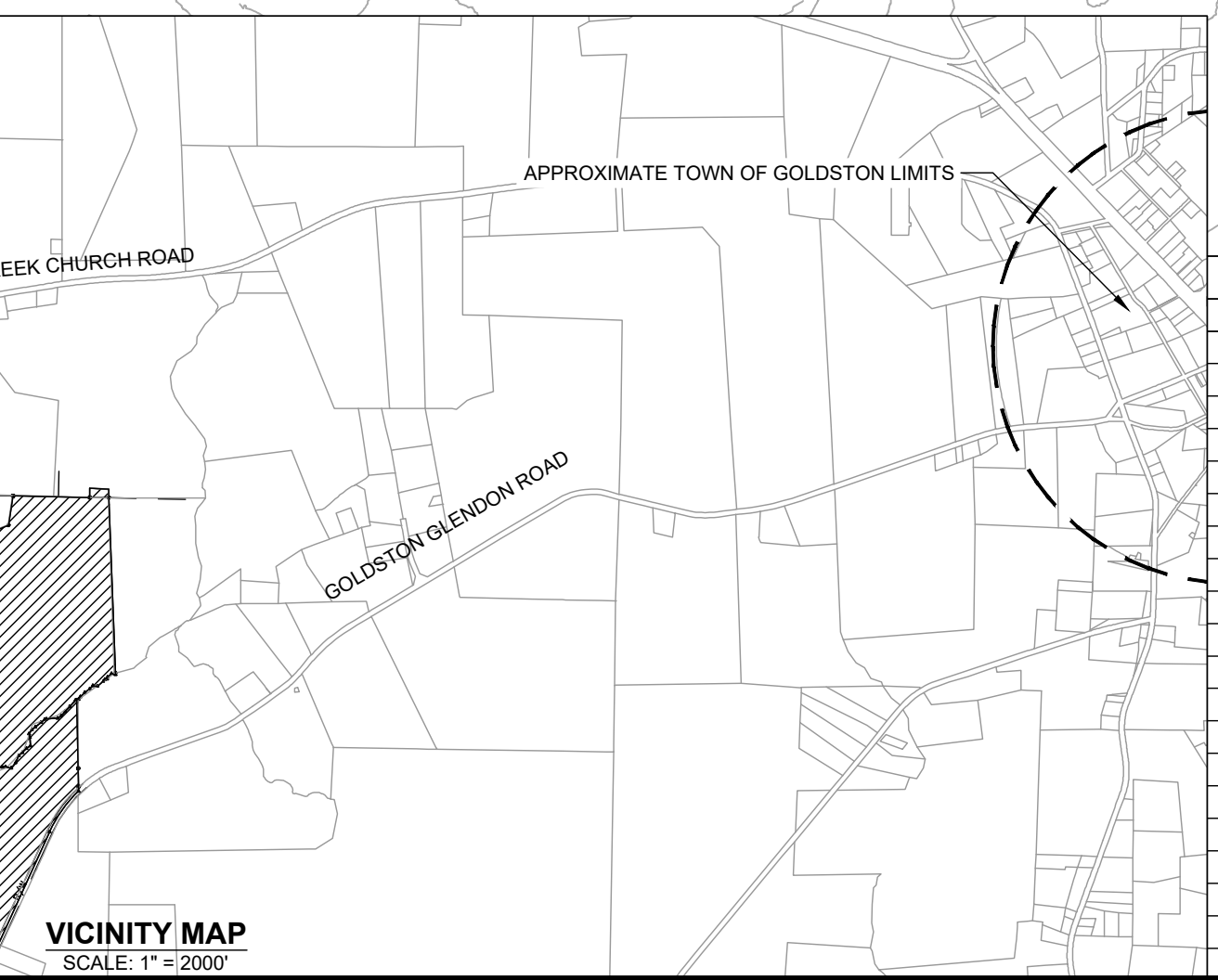
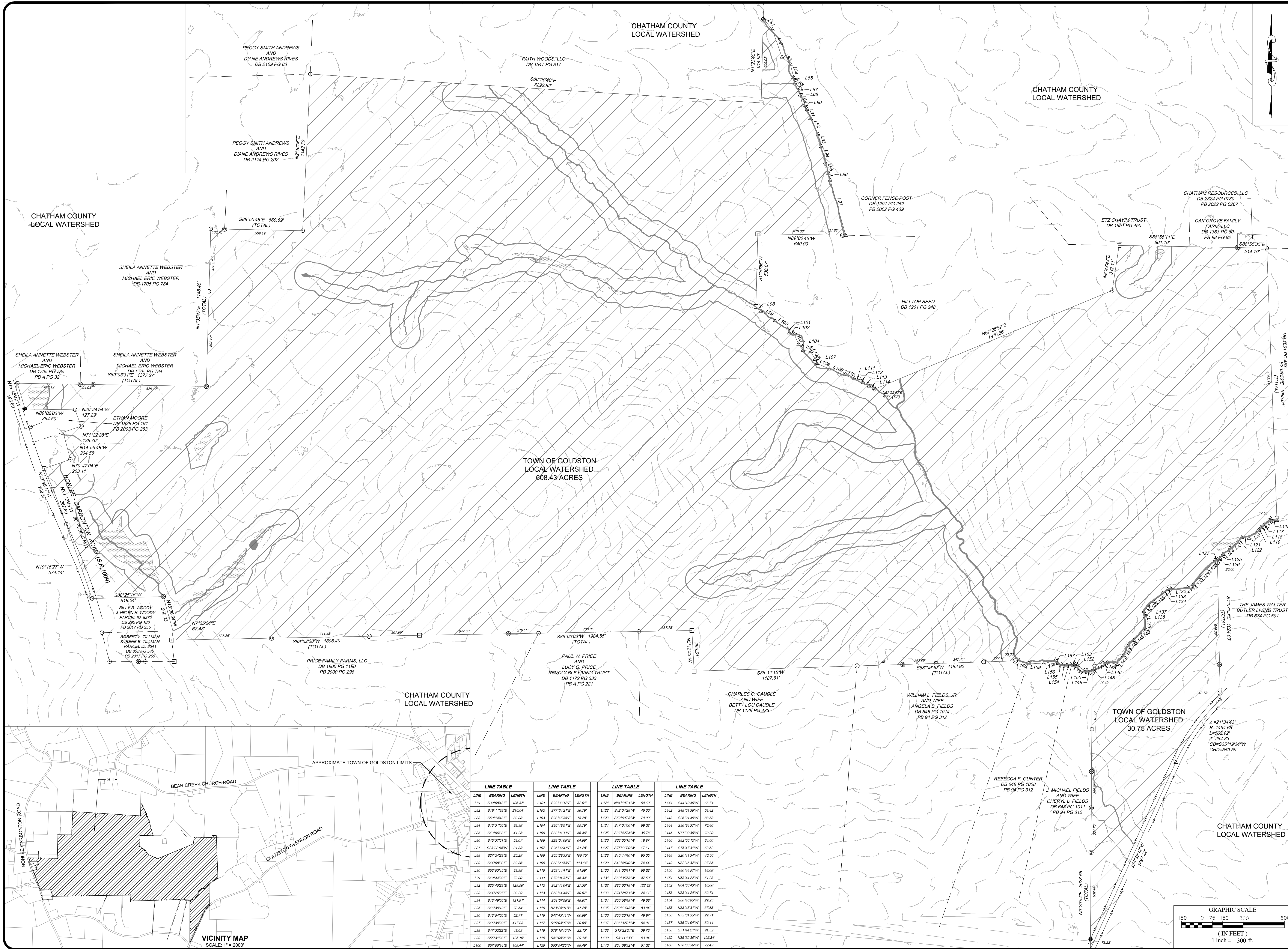
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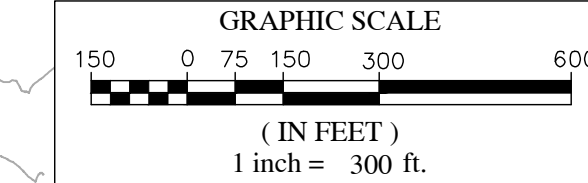
NON-CONTIGUOUS ANNEXATION SURVEY FOR TOWN OF GOLDSTON

GULF TWP., CHATHAM CO., NORTH CAROLINA  
PROPERTY AS DESCRIBED IN DEED BOOK 2324 PAGE 780  
STANDING IN THE NAME OF CHATHAM RESOURCES, LLC

PROJECT NO.  
**23-0318**  
DRAWING NAME  
**23-0318\_ANNEX**  
SHEET 1 OF 1



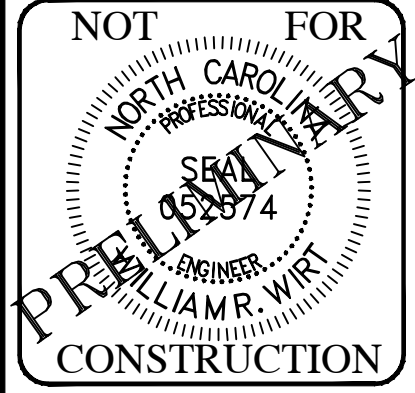
LINE TABLE		LINE TABLE		LINE TABLE		LINE TABLE	
LINE	BEARING LENGTH	LINE	BEARING LENGTH	LINE	BEARING LENGTH	LINE	BEARING LENGTH
L81	S39°08'43"E 106.37'	L101	S22°33'12"E 32.01'	L121	N84°10'21"W 50.69'	L141	S44°19'46"W 68.71'
L82	S19°11'38"E 210.04'	L102	S77°34'21"E 36.79'	L122	S42°34'28"W 46.30'	L142	S48°01'38"W 51.42'
L83	S50°14'43"E 80.08'	L103	S23°15'35"E 78.78'	L123	S52°50'23"W 70.09'	L143	S28°21'48"W 68.83'
L84	S13°31'58"E 89.38'	L104	S38°49'31"E 55.79'	L124	S47°31'08"W 69.02'	L144	S38°34'37"W 78.46'
L85	S13°56'38"E 41.26'	L105	S80°01'11"E 56.40'	L125	S37°42'35"W 35.78'	L145	N77°00'38"W 70.20'
L86	S45°37'01"E 53.07'	L106	S28°04'59"E 64.68'	L126	S68°35'15"W 18.97'	L146	S62°00'12"W 34.07'
L87	S23°08'04"W 31.33'	L107	S25°32'47"E 31.28'	L127	S75°11'00"W 17.61'	L147	S78°47'31"W 63.62'
L88	S27°24'29"E 25.29'	L108	S65°29'33"E 100.79'	L128	S40°14'40"W 95.05'	L148	S20°41'34"W 46.58'
L89	S14°08'58"E 62.36'	L109	S68°20'53"E 113.14'	L129	S43°44'40"W 74.44'	L149	N80°18'32"W 37.85'
L90	S53°03'45"E 38.89'	L110	S69°14'41"E 81.89'	L130	S41°32'41"W 68.62'	L150	S80°44'57"W 18.69'
L91	S19°44'29"E 72.00'	L111	S79°04'37"E 46.34'	L131	S80°35'53"W 27.89'	L151	N83°42'27"W 61.23'
L92	S28°40'29"E 128.98'	L112	S42°41'48"E 27.89'	L132	S88°01'19"W 103.37'	L152	N83°03'41"W 18.60'
L93	S14°25'27"E 80.29'	L113	S80°14'48"E 50.67'	L133	S74°29'51"W 24.11'	L153	N88°44'29"W 32.74'
L94	S13°49'09"E 121.91'	L114	S24°57'58"E 46.67'	L134	S20°58'49"W 89.05'	L154	S81°48'02"W 26.20'
L95	S16°39'12"E 78.54'	L115	N12°28'01"W 47.28'	L135	S20°13'43"W 83.84'	L155	N85°45'11"W 37.68'
L96	S19°54'50"E 52.71'	L116	S47°42'41"W 69.89'	L136	S28°22'07"W 49.97'	L156	N12°01'32"W 28.71'
L97	S15°29'29"E 417.03'	L117	S15°03'07"W 20.65'	L137	S38°12'07"W 54.01'	L157	N38°24'04"W 30.14'
L98	S47°32'22"E 49.83'	L118	S78°15'40"W 22.13'	L138	S13°22'21"E 39.73'	L158	S71°44'21"W 61.82'
L99	S55°31'32"E 125.16'	L119	S41°03'26"W 26.14'	L139	S31°11'17"E 51.94'	L159	N88°32'38"W 105.64'
L100	S57°00'14"E 108.44'	L120	S50°54'25"W 88.49'	L140	S54°10'32"W 51.02'	L160	N78°33'38"W 72.49'



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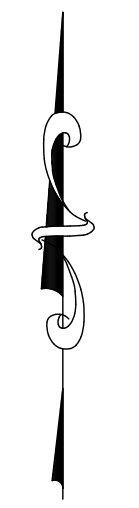
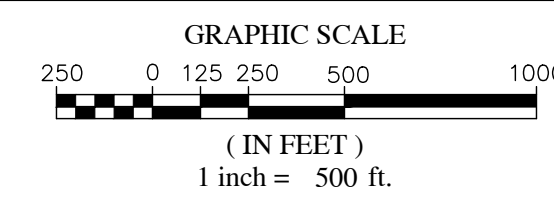
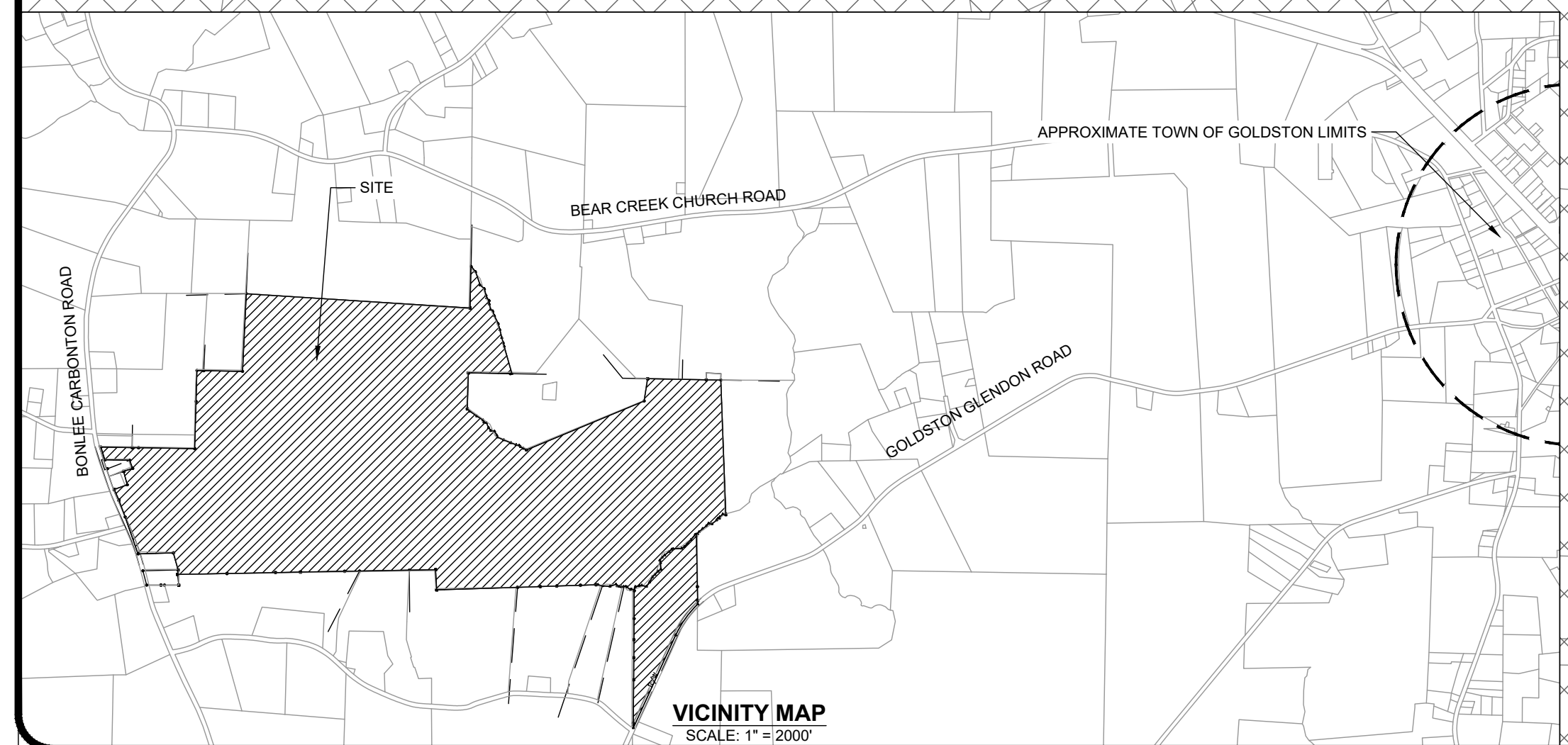
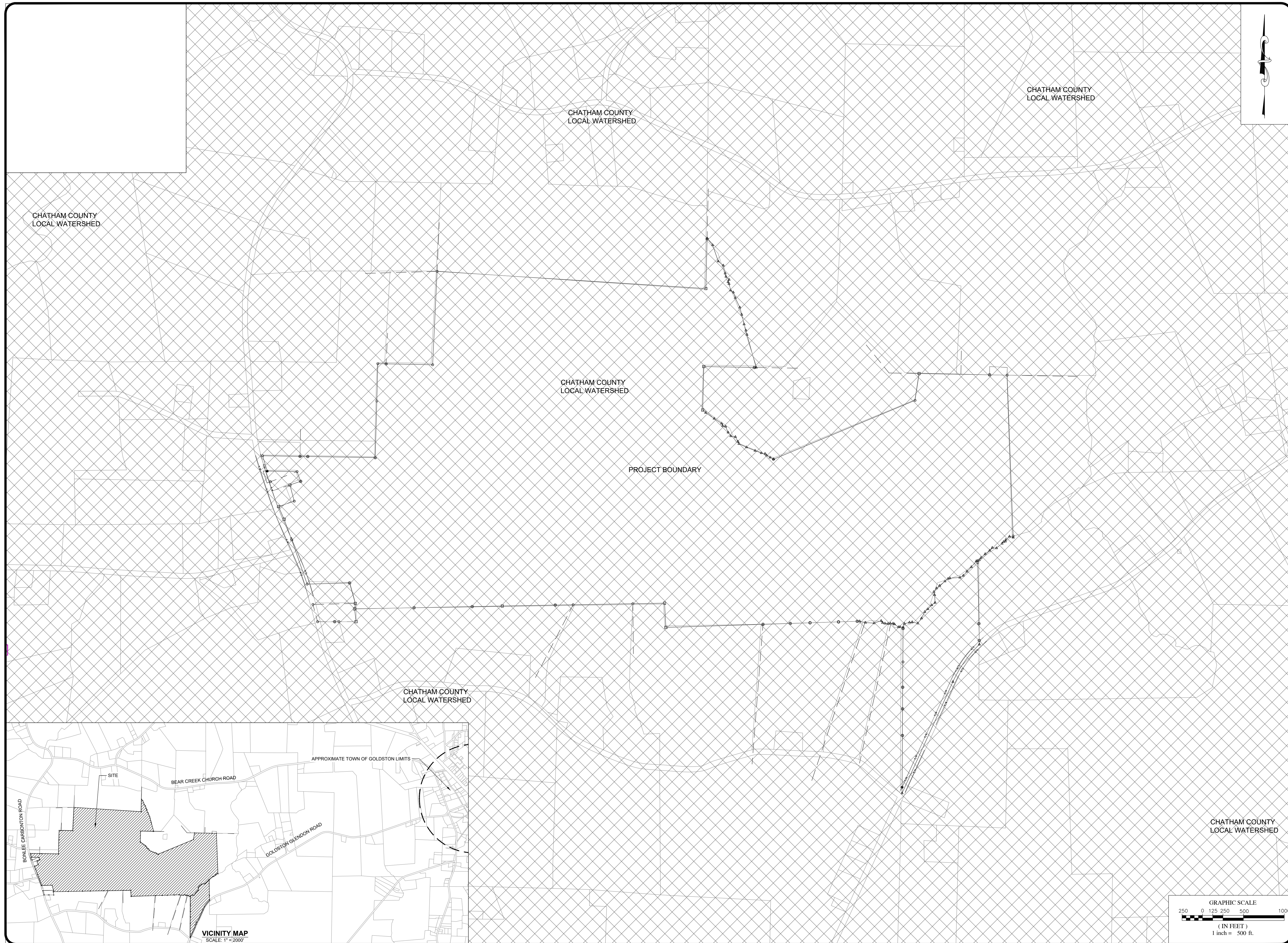
PROJECT ENGINEER/ARCHITECT  
 WILLIAM WIRT (SUMMITDE.COM)  
 PROJECT MANAGER  
 JIM (MUCKPARKER@SUMMITDE.COM)  
 DRAWN BY  
 ERIK (EIN@SUMMITDE.COM)  
 FIRST ISSUE DATE  
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PRELIMINARY SITE PLANS  
**GOLDSTON QUARRY**  
 BONLEE CARBONATION ROAD  
 GOLDSTON, NORTH CAROLINA 27525  
**WATERSHED MAP**

PROJECT NO.  
**23-0318.204**  
 DRAWING NAME:  
 23-0318\_S\_WS.dwg  
 SHEET NO.  
**WS-1**



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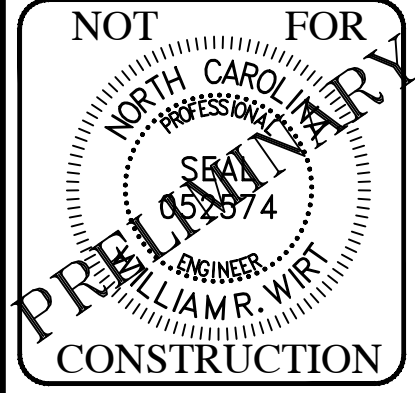
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**PROJECT ENGINEER/ARCHITECT**  
WY WILLIAM WIRT (@SUMMITDE.COM)

**PROJECT MANAGER**  
MP (MICK PARKER@SUMMITDE.COM)

**DRAWN BY**  
EH (ERIN HARRELL@SUMMITDE.COM)

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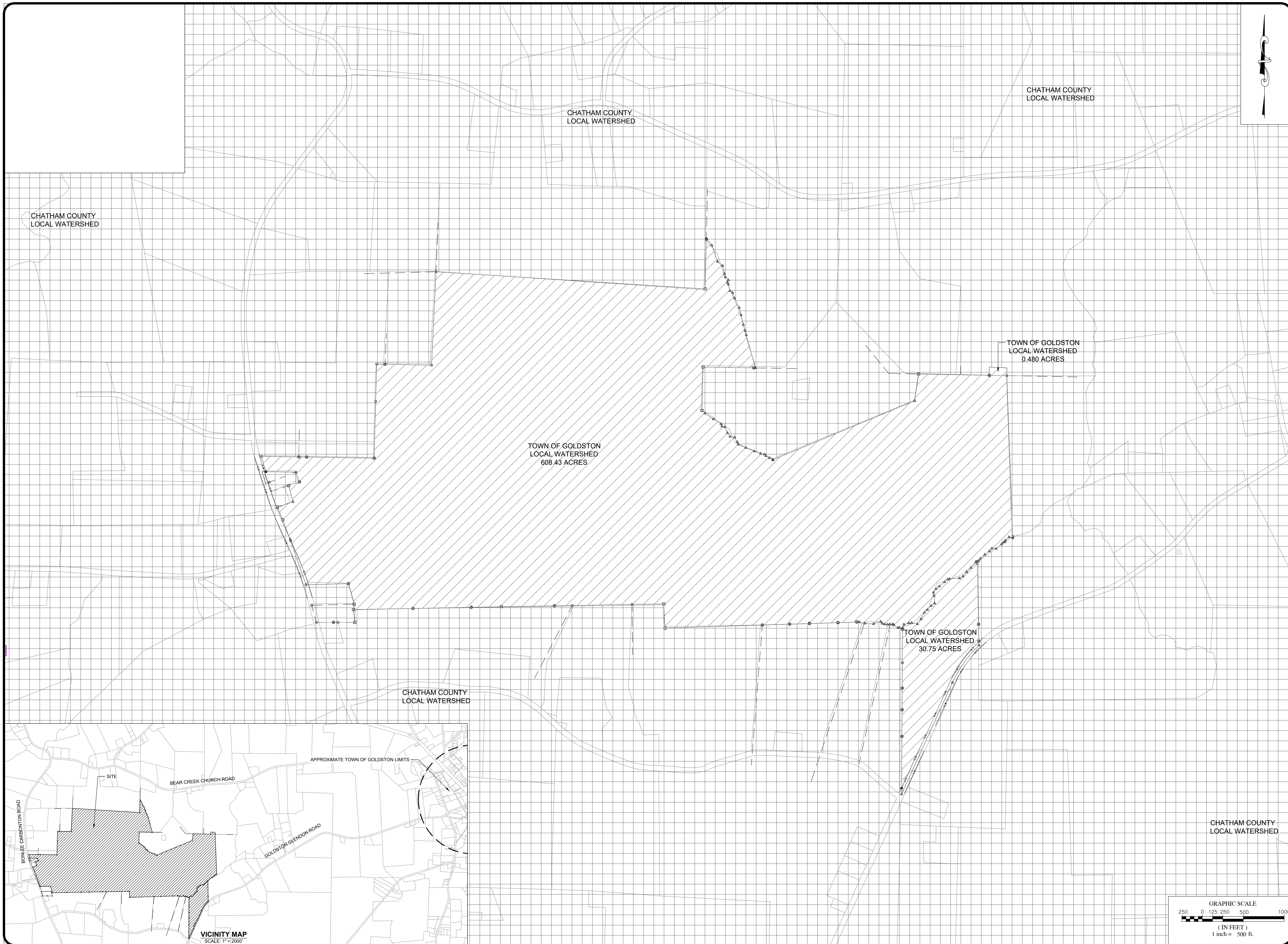
**PRELIMINARY SITE PLANS**  
**GOLDSTON QUARRY**  
BONLEE CARBONTON ROAD  
GOLDSTON, NORTH CAROLINA 27252

**EXISTING WATERSHED MAP**

PROJECT NO.  
**23-0318.204**

DRAWING NAME:  
23-0318\_S\_WS.dwg

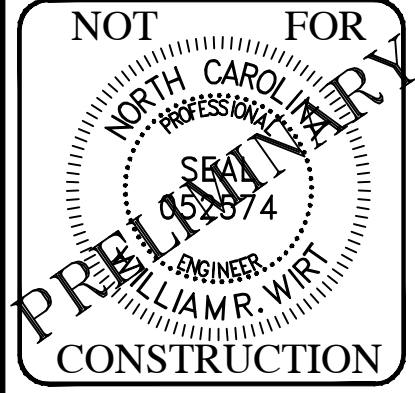
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**WS-2**



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 WY (WILLIAM WIRT@SUMMITDE.COM)  
 PROJECT MANAGER  
 MP (MICK PARKER@SUMMITDE.COM)  
 DRAWN BY  
 EH (ERIN HARRELL@SUMMITDE.COM)  
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**PRELIMINARY SITE PLANS**  
**GOLDSTON QUARRY**  
 BONLEE CARIBONTION ROAD  
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**PROPOSED WATERSHED MAP**

PROJECT NO.  
**23-0318.204**  
 DRAWING NAME:  
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 SHEET NO.  
**WS-3**

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