

CIVIL SITE DEVELOPMENT PLANS

FOR

BTI TRUCKING

606 OLD RALEIGH ROAD
DAVIDSON COUNTY - THOMASVILLE - NORTH CAROLINA

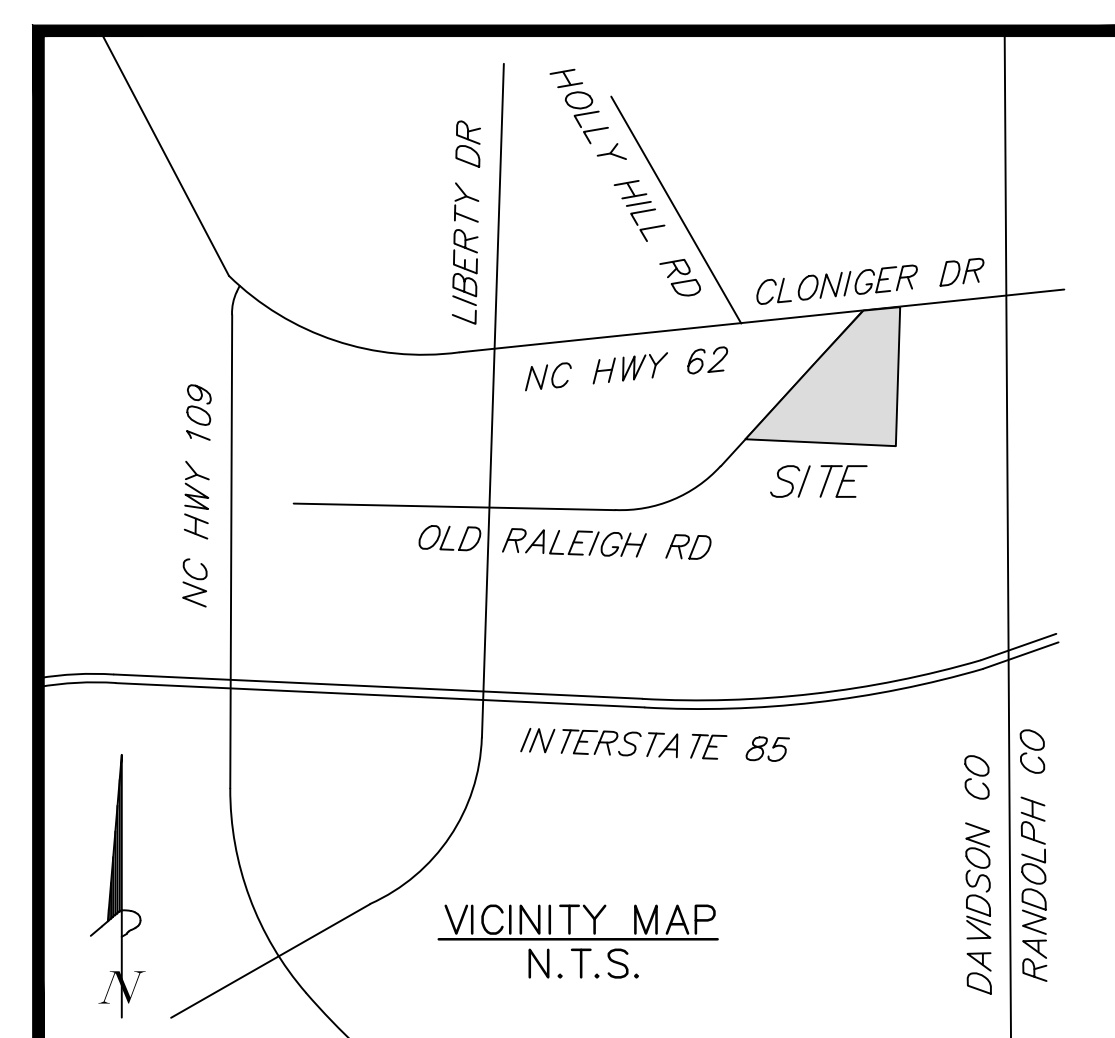
PROJECT NO.: E-9824

JANUARY 2025



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Engineering - Consulting - Surveying

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GENERAL SITE NOTES:

1. THE INFORMATION SHOWN HEREIN WAS TAKEN FROM BOUNDARY AND TOPOGRAPHIC SURVEY PROVIDED BY: SUMMEY ENGINEERING ASSOCIATES, PLLC 150 FAYETTEVILLE STREET ASHEBORO, NC PHONE (336) 328-0902
2. THE LOCATIONS OF ALL UTILITIES SHOWN ON THESE CIVIL SITE DEVELOPMENT PLANS ARE BASED ON THE AVAILABLE INFORMATION. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF UTILITIES WITH THE UTILITY OWNERS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
3. ALL HANDICAP SITE FEATURES SHALL BE CONSTRUCTED TO MEET ALL FEDERAL, STATE AND LOCAL CODES.
4. ANY DISCREPANCY IN THIS PLAN, ARCHITECTURAL CIVIL SITE DEVELOPMENT PLANS , AND/OR ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE ENGINEER PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL SETBACKS, EASEMENTS, AND DIMENSIONS SHOWN HEREIN BEFORE BEGINNING CONSTRUCTION.
5. THE CONTRACTOR SHALL CONTACT ALL OWNERS OF EASEMENTS, UTILITIES, AND R.O.W.'S. PUBLIC OR PRIVATE, PRIOR TO WORKING IN THESE AREAS.
6. ACCESS TO UTILITIES, FIRE HYDRANTS, STREET LIGHTING, ET, SHALL REMAIN UNDISTURBED, UNLESS COORDINATED WITH RESPECTIVE UTILITY.
7. DO NOT SCALE THIS DRAWING AS IT IS A REPRODUCTION AND SUBJECT TO DISTORTION.
8. THE CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ANY EXISTING ITEM AND/OR MATERIAL DUE TO CONSTRUCTION OPERATIONS. ALL STREET SURFACES, DRIVEWAYS, CULVERTS, CURBS AND GUTTERS, ROADSIDE DRAINAGE DITCHES, AND OTHER STRUCTURES THAT ARE DISTURBED OR DAMAGED IN ANY MATTER AS A RESULT OF CONSTRUCTION SHALL BE REPLACED OR REPAIRED IN ACCORDANCE WITH THE SPECIFICATIONS
9. ALL PERMITS RELATIVE TO PROJECT MUST BE OBTAINED PRIOR TO CONSTRUCTION. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH PERMITS ISSUED AND APPLICABLE TO STATE, COUNTY, AND LOCAL CODES.
10. THE CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES. THE LOCATION OF ALL EXISTING UTILITIES IS NOT NECESSARILY SHOWN ON CIVIL SITE DEVELOPMENT PLANS AND WHERE SHOWN ARE ONLY APPROXIMATE. THE CONTRACTOR ON HIS INITIATIVE AND AT NO EXTRA COST SHALL HAVE LOCATED ALL UNDERGROUND LINES AND STRUCTURES AS NECESSARY. NO CLAIMS FOR DAMAGES OR EXTRA COMPENSATION SHALL ACCRUE TO THE CONTRACTOR FROM THE PRESENCE OF ITEMS SUCH AS PIPE OR OTHER OBSTRUCTIONS OR FROM ANY DELAY DUE TO REMOVAL OR REARRANGEMENT OF THE SAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE DUE TO UNDERGROUND STRUCTURES. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL NONSUBSCRIBING UTILITIES. THE CONTRACTOR(S) SHALL CALL 811 FOR ASSISTANCE IN LOCATING EXISTING UTILITIES. CALL AT LEAST 48 HOURS PRIOR TO ANY DIGGING.
11. SEEDING TO BE INSTALLED TO NCDEQ REQUIREMENT & STANDARD PRACTICES.
12. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION OF ANY ITEM SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED ALL CIVIL SITE DEVELOPMENT PLANS AND ANY OTHER DOCUMENTATION FROM ALL OF THE PERMITTING AND ANY OTHER REGULATORY AUTHORITIES. FAILURE OF THE CONTRACTOR TO FOLLOW THIS PROCEDURE SHALL CAUSE THE CONTRACTOR TO ASSUME FULL RESPONSIBILITY FOR ANY SUBSEQUENT MODIFICATION OF THE WORK MANDATED BY ANY REGULATORY AUTHORITY.
13. VISIT SITE AND BRING TO THE ENGINEER'S ATTENTION IN WRITING ANY PROBLEMS OR DISCREPANCIES WITH THE SITE OR PROJECT PRIOR TO CONSTRUCTION.
14. CHECK ALL "VERIFY" DIMENSIONS NOTED ON CIVIL SITE DEVELOPMENT PLANS . REPORT ANY DISCREPANCIES TO THE ENGINEER IN WRITING PRIOR TO ANY FURTHER CONSTRUCTION.
15. USE THE ARCHITECT'S DRAWINGS FOR BUILDING DIMENSIONS.

CONTRACTOR NOTES:

1. ALL DIMENSIONS AND RADII ARE OUTSIDE FACE OF BUILDING OR TO FACE OF CURB, OR TO THE CENTER OF STRUCTURES SUCH AS INLETS, SIGN POSTS, ETC., UNLESS OTHERWISE NOTED.
2. CONTACT ENGINEER FOR OBSERVATION OF CONSTRUCTION RELATED TO REQUIRED FEDERAL, STATE, OR LOCAL CERTIFICATIONS INCLUDING BUT NOT LIMITED TO PROOF ROLL AND ASPHALT PLACEMENT. PROVIDE 24 HOUR NOTICE TO ENGINEER FOR REQUIRED CONSTRUCTION OBSERVATION RELATED TO CERTIFICATION OF ROADWAY, WATER SYSTEM, PAVEMENT, ETC.
3. KEEP ALL PLANTING AND GRASS AREAS FREE OF DEBRIS, STONES, CONSTRUCTION MATERIALS, ETC., RESPONSIBLE FOR NOT DAMAGING EXISTING PLANTING TO REMAIN.
4. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND AVOIDING ALL UNDERGROUND UTILITIES WHETHER SHOWN ON THE SITE PLAN OR NOT. THOSE SHOWN ARE BASED ON THE SURVEY PROVIDED AND MAY NOT BE ALL INCLUSIVE. CONTACT UTILITY LOCATION SERVICE OR OTHER APPROPRIATE UTILITY LOCATION SERVICE FOR UTILITY IDENTIFICATION PRIOR TO ANY WORK. CONTRACTOR TO PROTECT ALL UTILITIES TO REMAIN – TYPICAL. CONTACT ALL UTILITY COMPANIES TO INSURE THE UTILITIES ARE SHUT DOWN PRIOR TO THE START OF ANY DEMOLITION AND/ OR SITE WORK.
5. PATCH / REPAIR STREETS, STRUCTURES, ETC. AS NECESSARY AFTER CONNECTION OF PROPOSED UTILITIES.
6. SEE PLAN SET FOR PROPOSED GRADES AND EROSION CONTROL.
7. CIVIL/SITE CONTRACTOR SHALL FIELD VERIFY VERTICAL AND HORIZONTAL LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION. CIVIL/SITE CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION CONFERENCE WITH THE LOCAL MUNICIPALITY AND ARCHITECT PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY. CONTRACTOR SHALL CALL 811 5 WORKING DAYS HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION.
8. CONTRACTOR SHALL NOTIFY THE LOCAL MUNICIPALITY PUBLIC WORKS PRIOR TO ANY CONSTRUCTION ON STREET RIGHTS-OF-WAY
9. ANY CONSTRUCTION WITHIN THE LOCAL MUNICIPALITY RIGHTS-OF WAY ARE TO BE IN ACCORDANCE WITH THE LOCAL MUNICIPALITY STANDARDS AND SPECIFICATIONS REGARDING MATERIALS, INSTALLATION, AND TESTING, UNLESS OTHERWISE IN THE CONTRACT DOCUMENTS. ANY CONSTRUCTION WITHIN THE RIGHT-OF-WAY SHALL BE
10. PROTECTED WITH SIGNAGE AND TRAFFIC SAFETY DEVICES IN ACCORDANCE WITH THE NORTH CAROLINA STANDARDS AND GUIDELINES ALSO THE CONTRACTOR SHALL HAVE "UTILITY WORK AHEAD" SIGNS LOCATED AT ALL LOCATIONS WHEN ENTERING THE RIGHTS-OF-WAY.

UTILITY NOTES: (IF APPLICABLE)

1. UTILITY INFORMATION SHOWN HEREON WAS OBTAINED FROM THE BEST AVAILABLE SOURCE AND MAY OR MAY NOT BE EITHER ACCURATE OR COMPLETE. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXACT LOCATIONS OF EXISTING UTILITIES AND IS RESPONSIBLE FOR ANY DAMAGE TO ANY UTILITIES, EITHER PUBLIC OR PRIVATE, SHOWN HEREON OR NOT SHOWN HEREON. ANY REPAIRS SHALL BE DONE TO THE SATISFACTION OF THE APPROPRIATE UTILITY COMPANY.
2. THE GENERAL CONTRACTOR SHALL CONFIRM ALL NEW UTILITY TAP LOCATIONS WITH THE UTILITY OWNERS. ALL FEES SHALL BE THE RESPONSIBILITY OF CONTRACTOR OR GENERAL CONTRACTOR.
3. SEE ELECTRICAL ENGINEERING SITE PLAN FOR LOCATION OF ALL SITE LIGHTING AND REQUIREMENTS
4. ALL NEW LOT LIGHTS AND THE MAIN IDENTIFICATION SIGN SHALL HAVE A MINIMUM 10 FEET CLEARANCE FROM ALL OVERHEAD UTILITIES.
5. GENERAL CONTRACTOR IS RESPONSIBLE FOR PERMITS AND/OR APPROVALS NECESSARY FOR ANY WORK IN ROADWAY OR RIGHT-OF-WAY.
6. MINIMUM COVER FOR CONDUITS SHALL BE 36" UNLESS OTHERWISE SHOWN OR NOTED IN THESE CIVIL SITE DEVELOPMENT PLANS .
7. ALL MANHOLES, VALVES, AND MONUMENT FRAMES SHALL BE SET TO FINISH GRADE AFTER PAVING.
8. THE CONTRACTOR SHALL COMPLY WITH THE RULES AND REGULATIONS OF THE STATE CONSTRUCTION SAFETY ORDERS. TRENCHES SHALL BE SHORED IN ACCORDANCE WITH OSHA.
9. THE MINIMUM SLOPE FOR SANITARY SEWER LINES SHALL BE AS FOLLOWS: 1) 1/4"/FT FOR 4" LINES AND 2) 1/8"/FT FOR 6" LINES. 6" CLEANOUTS SHALL BE PLACED AT 75' INTERVALS. 4" CLEANOUTS SHALL BE PLACED AT 50' INTERVALS
10. ALL SEWER LINES SHALL HAVE A FINAL COVER DEPTH 4'-0 IN NON-TRAFFIC AREAS AND 5'-0 MINIMUM IN TRAFFIC AREAS UNLESS SPECIFICALLY NOTED OTHERWISE ON THE CIVIL SITE DEVELOPMENT PLANS .
11. CABLE TV SERVICE ROUTING IS NOT PART OF THIS PLAN, CONTRACTOR TO COORDINATE WITH CABLE COMPANY.
12. EXISTING MANHOLES SHOULD BE FIELD VERIFIED FOR RIMS AND INVERTS.
13. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL INSPECTIONS, CERTIFICATIONS, EQUIPMENT, ETC. THAT MAY BE REQUIRED.
14. THE ENGINEER AND/OR OWNER DISCLAIM ANY ROLE IN THIS CONSTRUCTION MEANS/METHODS ASSOCIATED WITH THE PROJECT AS SET FORTH IN THESE CIVIL SITE DEVELOPMENT PLANS .
15. OCCUPATIONAL HEALTH AND SAFETY ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATIONS; FINAL RULE 29CFR PART 1926, SUBPART "P" APPLIES TO ALL EXCAVATIONS EXCEEDING 5 FEET IN DEPTH.
16. EXCAVATION EXCEEDING TWENTY (20) FEET IN DEPTH REQUIRES THE DESIGN OF A TRENCH SAFETY SYSTEM BY A REGISTERED PROFESSIONAL ENGINEER.
17. CONTRACTOR SHALL MAINTAIN AN "AS BUILT" SET OF DRAWNGS TO RECORD THE EXACT LOCATION OF ALL PIPING PRIOR TO CONCEALMENT. DRAWINGS SHALL BE GIVEN TO THE OWNER UPON COMPLETION OF THE PROJECT WITH A COPY OF THE TRANSMITTAL LETTER TO THE ENGINEER.
18. WATER PIPING SHALL BE CONNECTED TO BUILDING STUBS, VERIFY LOCATIONS PRIOR TO BEGINNING WATER PIPE INSTALLATION.
19. WASTE PIPING SHALL BE CONNECTED TO BUILDING STUBS, VERIFY LOCATIONS AND INVERTS PRIOR TO BEGINNING ANY WASTE PIPE INSTALLATION.
20. ALL UTILITY CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LOCAL MUNICIPALITY PUBLIC WORKS AND CROSS CONNECTION CONTROL, REGULATIONS AND STANDARDS.
21. SITE UTILITY CONTRACTOR TO PROVIDE WATER AND SANITARY SEWER TO WITHIN 5 FEET OF THE BUILDING, CONTRACTOR SHALL COORDINATE SITE PLAN CONNECTIONS WITH THE ARCHITECTURAL BUILDING CIVIL SITE DEVELOPMENT PLANS .
22. SANITARY CLEANOUTS SHALL BE PLACED NO MORE THAN 75 FEET APART. CLEAN OUTS LOCATED IN PAVEMENT AREAS SHALL HAVE A HEAVY DUTY TRAFFIC RATED CONSTRUCTION.
23. CONNECTION OF SANITARY SEWER SERVICE TO AN EXISTING MANHOLE SHALL COMPLY WITH THE LOCAL MUNICIPALITY PUBLIC WORKS STANDARDS, INCLUDING: CORE DRILL FOR OPENING INTO MANHOLE AND INSTALL WITH FLEXIBLE BOOT. IF PAVEMENT CUT IS REQUIRED, CONTRACTOR SHALL PATCH PAVEMENT WITH A SECTION TO MATCH EXISTING PAVEMENT
24. ALL WORK SHALL BE GOVERNED BY THE LATEST EDITIONS OF THE STATE MECHANICAL, PLUMBING, ELECTRICAL, FIRE PROTECTION, BUILDING CODE, ENERGY CONSERVATION, HANDICAPPED ACCESSIBILITY, NATIONAL ELECTRICAL CODES, AND NATIONAL FIRE PROTECTION ASSOCIATION CODES AS APPLICABLE AND AS ADOPTED BY THE AUTHORITIES HAVING JURISDICTION AND LATEST VERSION OF NC DOT POLICIES & PROCEDURES FOR ACCOMMODATING UTILITIES ON HIGHWAY RIGHTS-OF-WAY.
25. LOCATIONS OF EXISTING UTILITIES SHOWN ON THESE CIVIL SITE DEVELOPMENT PLANS ARE APPROXIMATE OR SCHEMATIC. THE LOCATIONS ARE BASED ON ACTUAL FIELD SURVEYS AND AVAILABLE RECORDS, CONTRACTOR SHALL FIELD VERIFY LOCATION OF ALL EXISTING UNDERGROUND UTILITIES AND UNDERGROUND STRUCTURES AND VERIFY REQUIRE COVER AND CLEARANCES PRIOR TO CONSTRUCTION AND REPORT ANY CONFLICTS TO THE ENGINEER.
26. CONTRACTOR SHALL CALL 811 AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION OR EXCAVATION TO HAVE UTILITIES LOCATED. CONTRACTOR SHALL CONTACT ANY LOCAL UTILITIES THAT PROVIDE THEIR OWN LOCATOR SERVICES INDEPENDENTLY.
27. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND/OR RELOCATION OF ALL EXISTING UTILITIES IN COORDINATION WITH THE APPROPRIATE UTILITY, AGENCY, OR COMPANY.
28. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE ACTUAL LOCATION AND AVAILABILITY OF ALL EXISTING AND PROPOSED UTILITIES IN THE FIELD PRIOR TO GROUND BREAKING.
29. ALL UTILITIES MUST BE LOCATED UNDERGROUND AND COORDINATED WITH THE LOCAL MUNICIPALITY OR LOCAL UTILITY COMPANY.



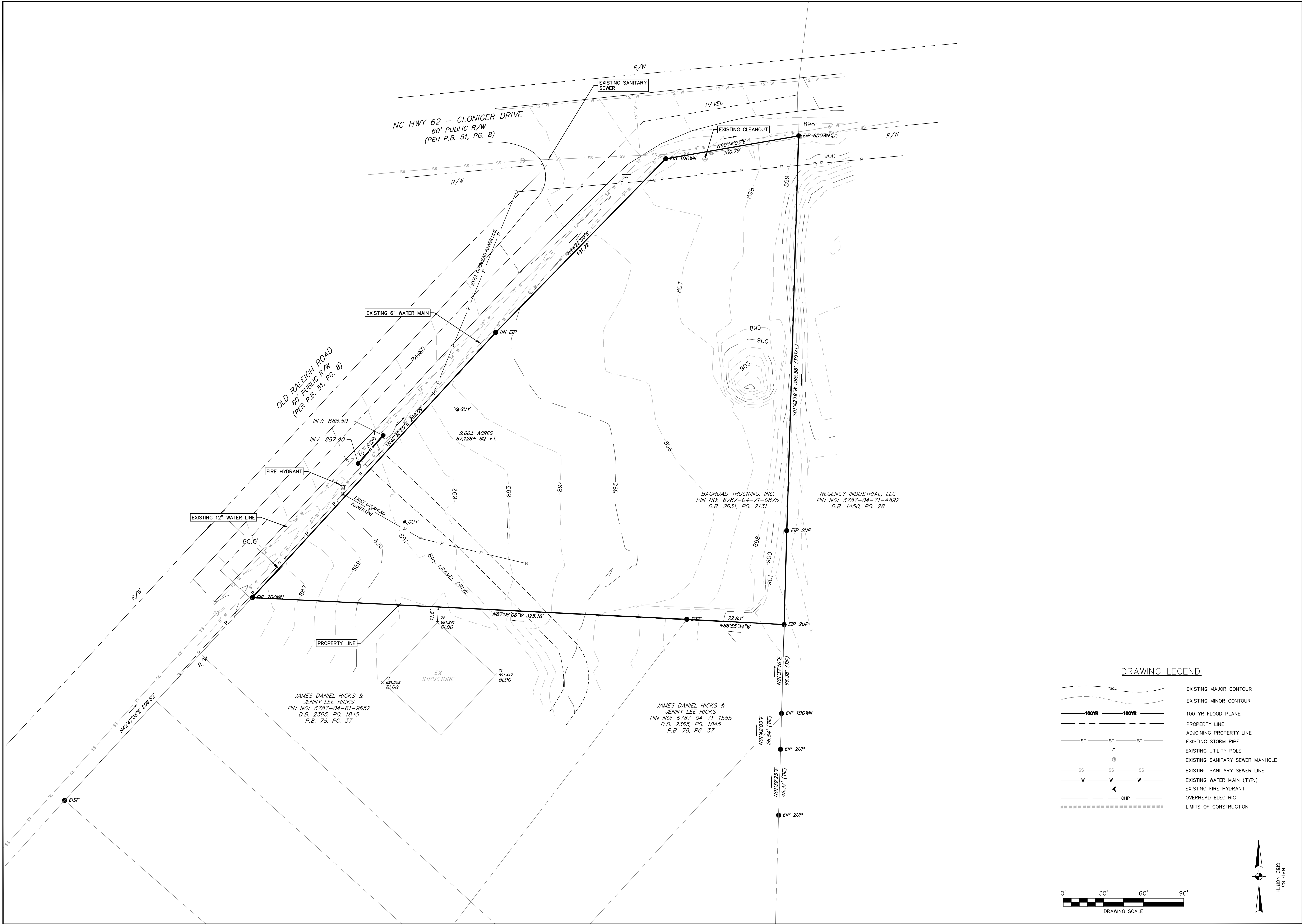
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No.	Date	Description	By

GENERAL NOTES
BTI TRUCKING
606 OLD RALEIGH ROAD
THOMASVILLE - DAVIDSON COUNTY - NORTH CAROLINA

Scale:	AS NOTED
Date:	NOV., 2024
Drawn By:	PBC
Checked By:	HMSJ
Job No.:	E-9824

Sheet No. C-1



AS NOTED

NOV. 2024

Drawn By: PBC

Checked By: HWSJ

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Scale:

Date:

Drawn By:

Checked By:

Job No.:

Sheet No.

C-2

EXISTING CONDITIONS AND DEMO

BTI TRUCKING

606 OLD RALEIGH ROAD

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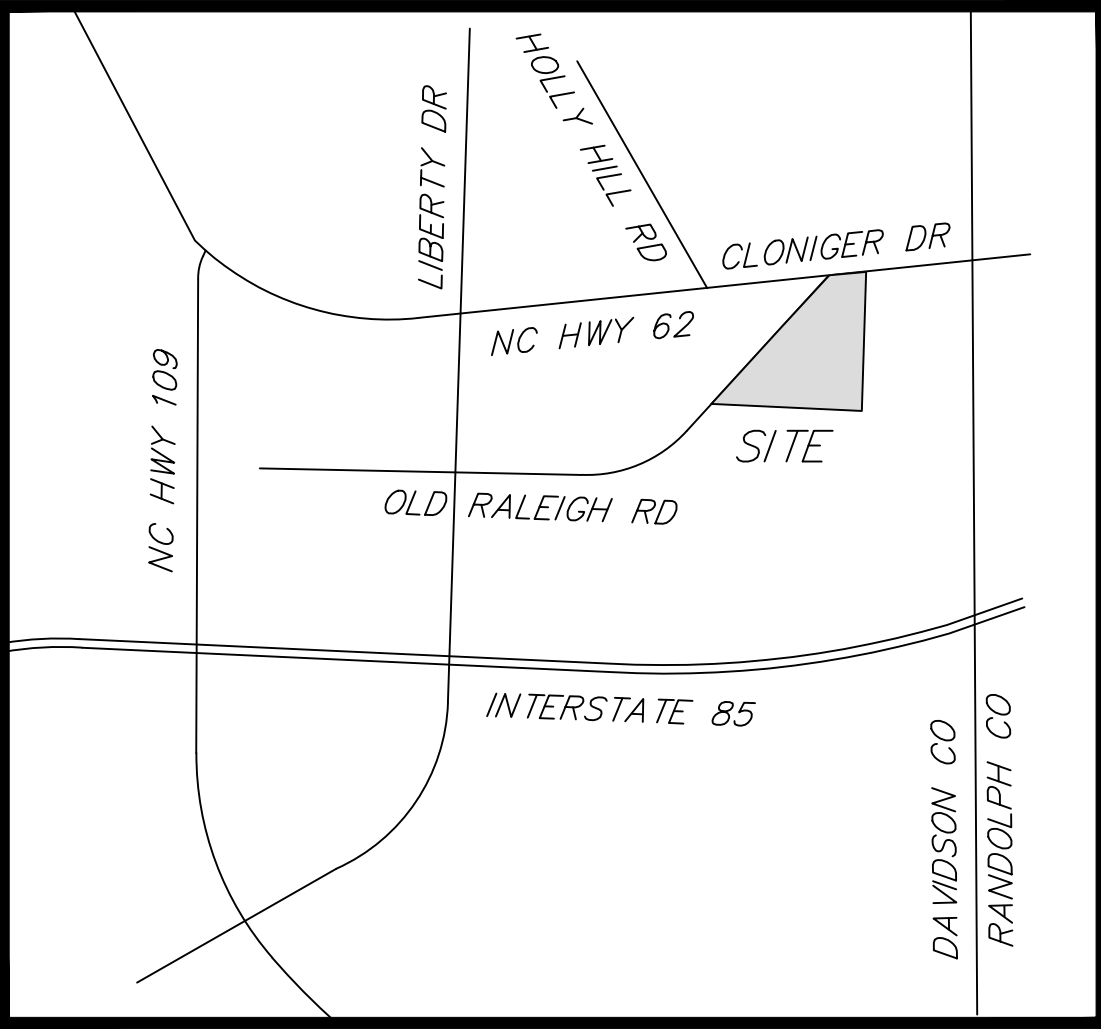
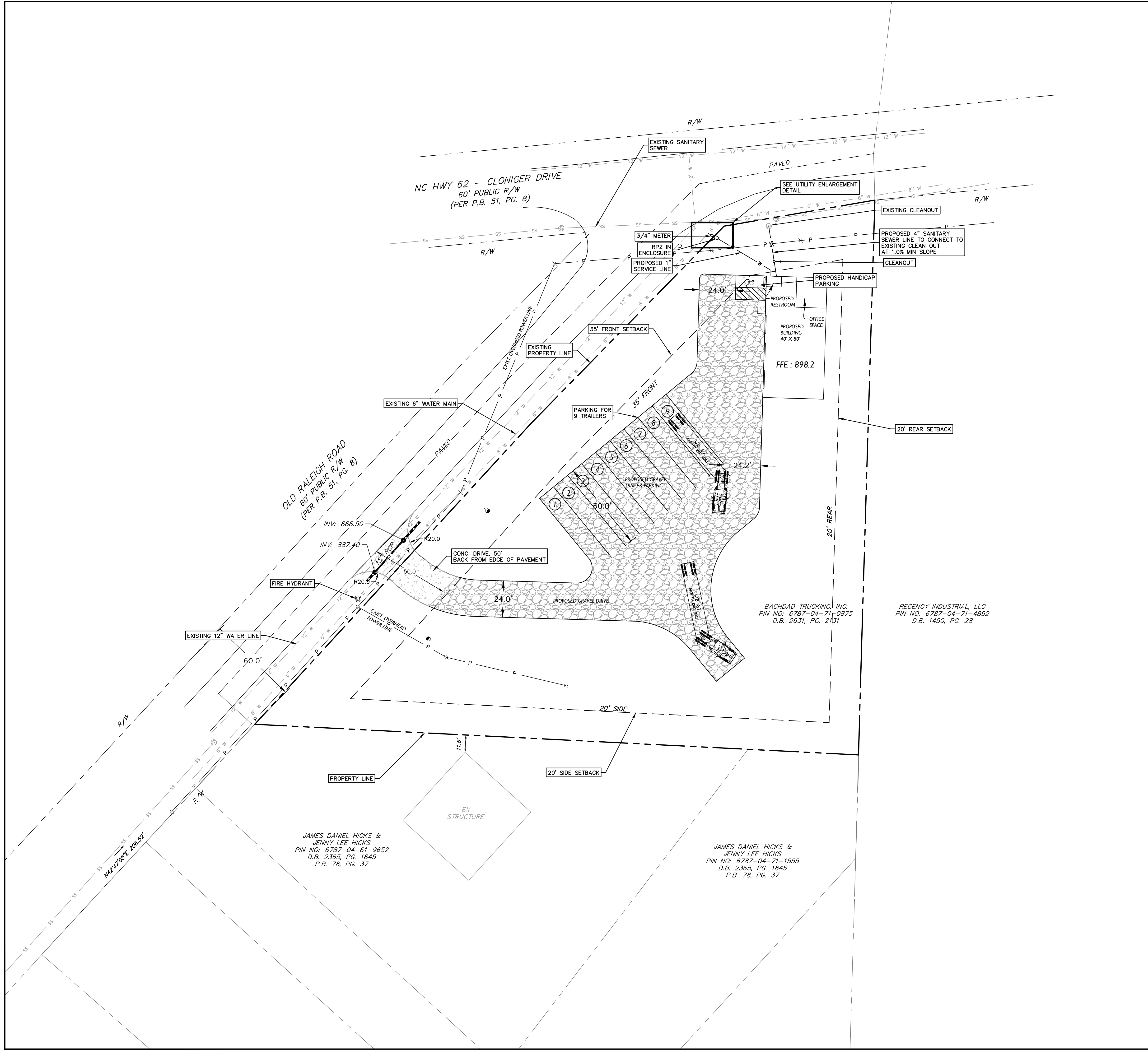
SEAL

26447

02-24-2024

ENGINEER

MCK SUMMEY, P.E.



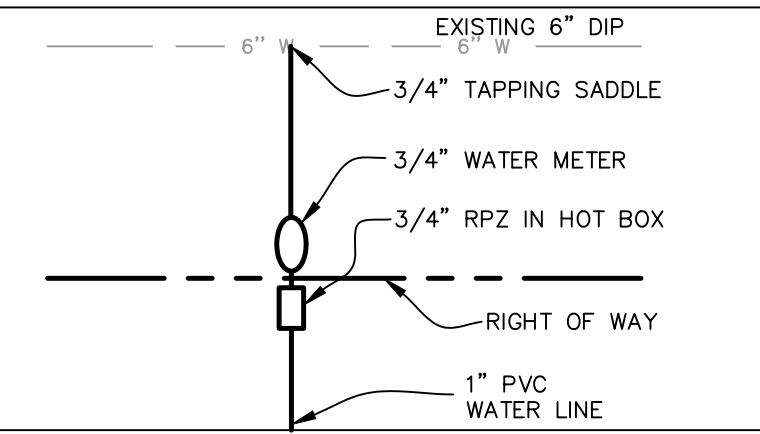
VICINITY MAP
N.T.S.

SITE NOTES:

1. PROPERTY INFORMATION
OWNERS: BAGHDAD TRUCKING INC.
PIN NUMBERS: 6787-04-71-0875
EXISTING ZONING: M2CZ
EXISTING LAND USE: VACANT
SITE ADDRESS: 606 OLD RALEIGH ROAD, THOMASVILLE, NC 27360
OWNER ADDRESSES: 11 MANOR RIDGE COURT, GREENSBORO, NC 27407
SITE AREA: 2.0 ACRES
2. THE PROJECT IS LOCATED WITHIN THE TOWN THOMASVILLE
3. PARCEL BOUNDARIES, TOPOGRAPHIC DATA, EASEMENTS, EXISTING WATER METER AND SANITARY SEWER ARE SHOWN PER FIELD SURVEY PERFORMED BY SUMMEY ENGINEERING ASSOCIATES, PLLC 150 FAYETTEVILLE STREET ASHEBORO, NC
4. PROPOSED USE: TRUCKING CO. PARKING
5. PARKING REQUIRED: 1 SPACE FOR EVERY 2 EMPLOYEES DURING MAXIMUM EMPLOYMENT AND 1 SPACE FOR EVERY TRUCK TO BE STORED OR STOPPED SIMULTANEOUSLY.
PROVIDED:
6. SETBACKS:
FRONT= 35 FT
SIDE= 20 FT
REAR= 20 FT
7. HANDICAP SPACES SHALL BE INSTALLED PER ADA REQUIREMENTS.
8. MAXIMUM SEPARATION BETWEEN SANITARY SEWER CLEANOUTS SHALL BE 50'.
9. OBTAIN ALL APPLICABLE PERMIT APPROVALS PRIOR TO ANY CONSTRUCTION.
10. CONFIRM UTILITY TIE INS WITH ARCHITECTURAL DESIGN PRIOR TO CONSTRUCTION.
11. WATER AND SEWER UTILITY TIE IN LOCATIONS ARE SHOWN ON THIS PLAN FOR REFERENCE ONLY.

IMPERVIOUS AREAS

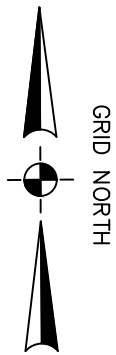
TOTAL SITE AREA: 87126 - 2.0 ACRES
TOTAL IMPERVIOUS AREA:
28,545 SF - 0.65 ACRES
TOTAL IMPERVIOUS PERCENTAGE:
28,545 SF/87126 SF = 33% BUA



UTILITY ENLARGEMENT

DRAWING LEGEND

---	PROPERTY LINE
---	ADJOINING PROPERTY LINE
---	SETBACK LINES
SS	EXISTING SANITARY SEWER MANHOLE
SS	EXISTING SANITARY SEWER LINE
SS	PROPOSED SANITARY SEWER LINE
SS	PROPOSED SANITARY SEWER MANHOLE
W	EXISTING WATER LINE
W	EXISTING WATER VALVE
W	EXISTING FIRE HYDRANT
W	PROPOSED WATER LINE
100YR	100 YEAR FLOOD PLAIN
ST	EXISTING STORM PIPE
---	LIMITS OF CONSTRUCTION



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SITE AND UTILITY

BTI TRUCKING

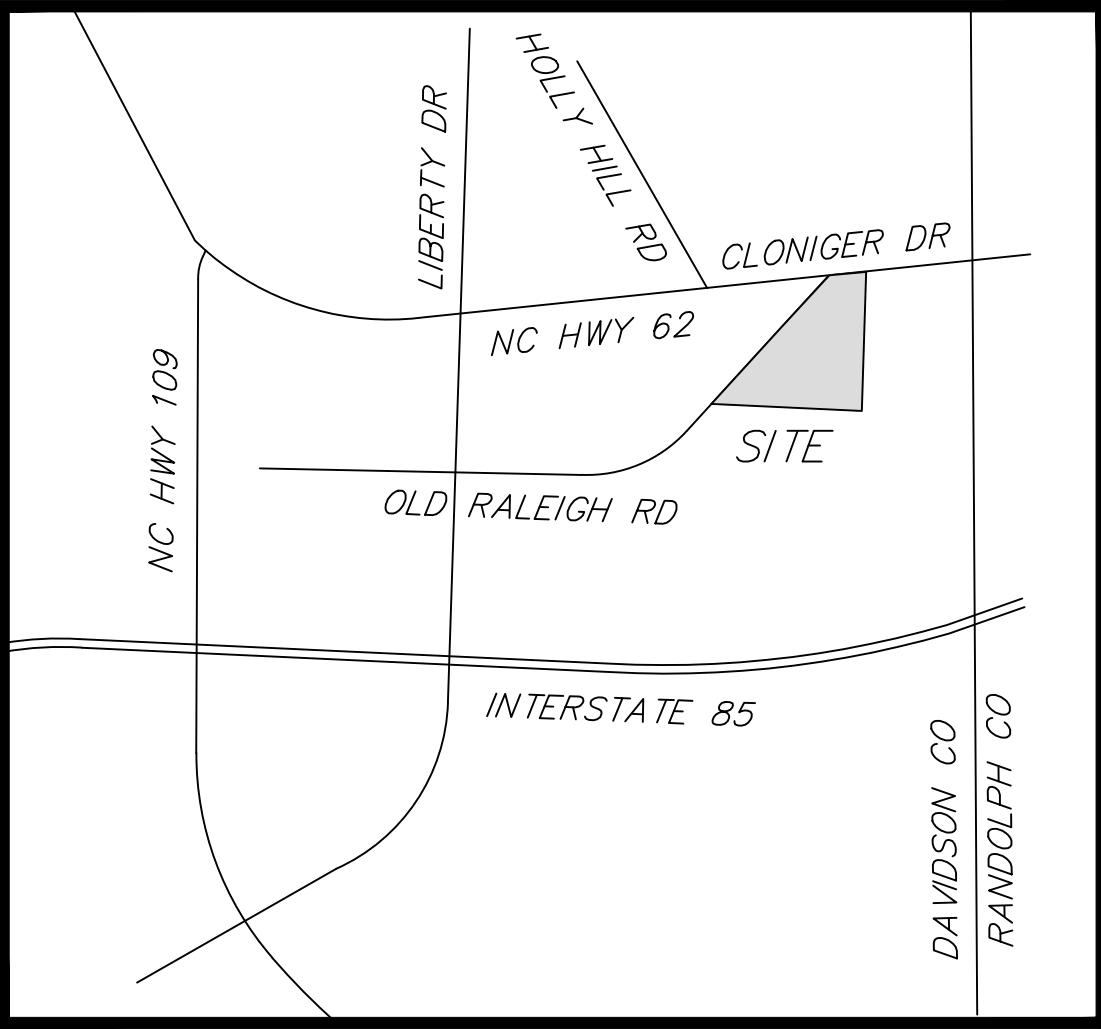
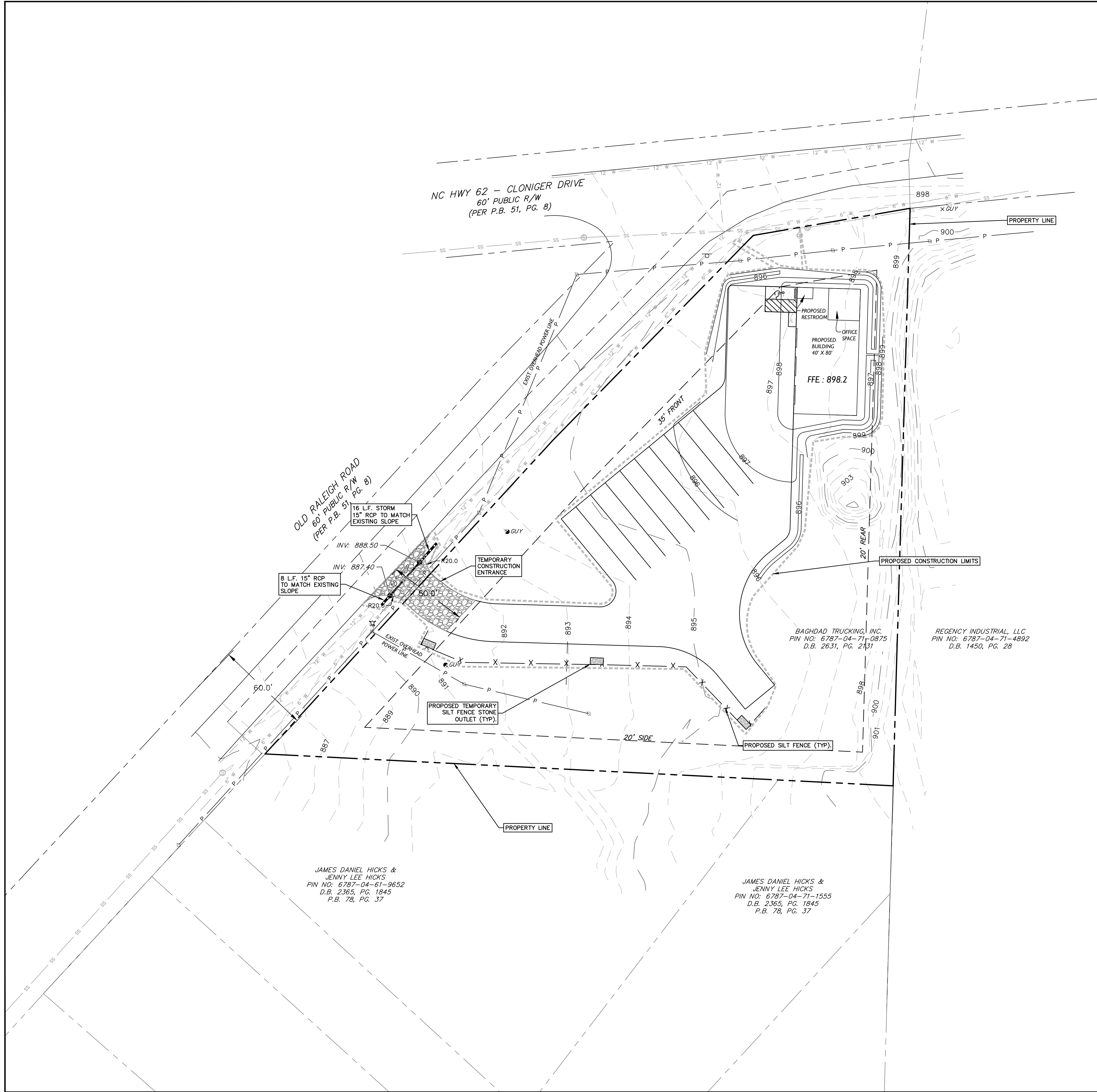
606 OLD RALEIGH ROAD

THOMASVILLE - DAVIDSON COUNTY - NORTH CAROLINA

Scale:	AS NOTED	Date:	NOV. 2024	Drawn By:	PBC	Checked By:	HMSJ	Job No.:	E-9824
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Sheet No.

C-3



VICINITY MAP
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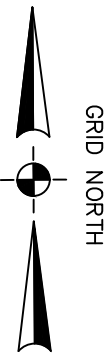
GENERAL NOTES

- ALL SITE GRADING HAS BEEN COMPLETED PRIOR TO THE TIME OF NOV ISSUANCE AND SITE HAS BEEN STABILIZED WITH PERMANENT SEEDING AND STRAW.
- NO MORE GRADING WILL TAKE PLACE ON SITE AND LIMITS OF DISTURBANCE IS SHOWN FOR LAND DISTURBANCE FEE PURPOSES.
- ANY SEDIMENT LOSS OUTSIDE OF THE APPROVED LIMITS OF DISTURBANCE WILL NEED TO BE RAKED AND REMOVED FROM THE STREAM/BUFFER AND RE-VEGETATE WITH A NATIVE RIPARIAN SEED MIX.
- INSTALL TEMPORARY SILT FENCE AND STONE OUTLETS AS SHOWN ON PLAN
- INSTALL TEMPORARY SEDIMENT BASIN AS SHOWN ON PLANS WITH ASSOCIATED DIVERSION DITCHES AND STABILIZE RESULTING DISTURBED AREAS.
- ENSURE PERMANENT SEEDING HAS TAKEN AND SITE STABILIZATION IS MAINTAINED.
- ONCE SITE HAS PERMANENT GRASS COVER AND WITH APPROVAL FROM NCDEQ INSPECTOR'S APPROVAL REMOVE TEMPORARY EROSION CONTROL MEASURES.

DISTURBED AREA: 0.84 ACRES

DRAWING LEGEND

- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- PROPERTY LINE
- ADJOINING PROPERTY LINE
- CONSTRUCTION LIMITS
- TEMPORARY SILT FENCE
- TEMPORARY SILT FENCE STONE OUTLET



AS NOTED

NOV. 2024

Drawn By: PBC

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Job No.: E-9824

Scale:

Date:

Drawn By:

Checked By:

Job No.:

Sheet No.

C-4

GRADING AND EROSION CONTROL

BTI TRUCKING

606 OLD RALEIGH ROAD

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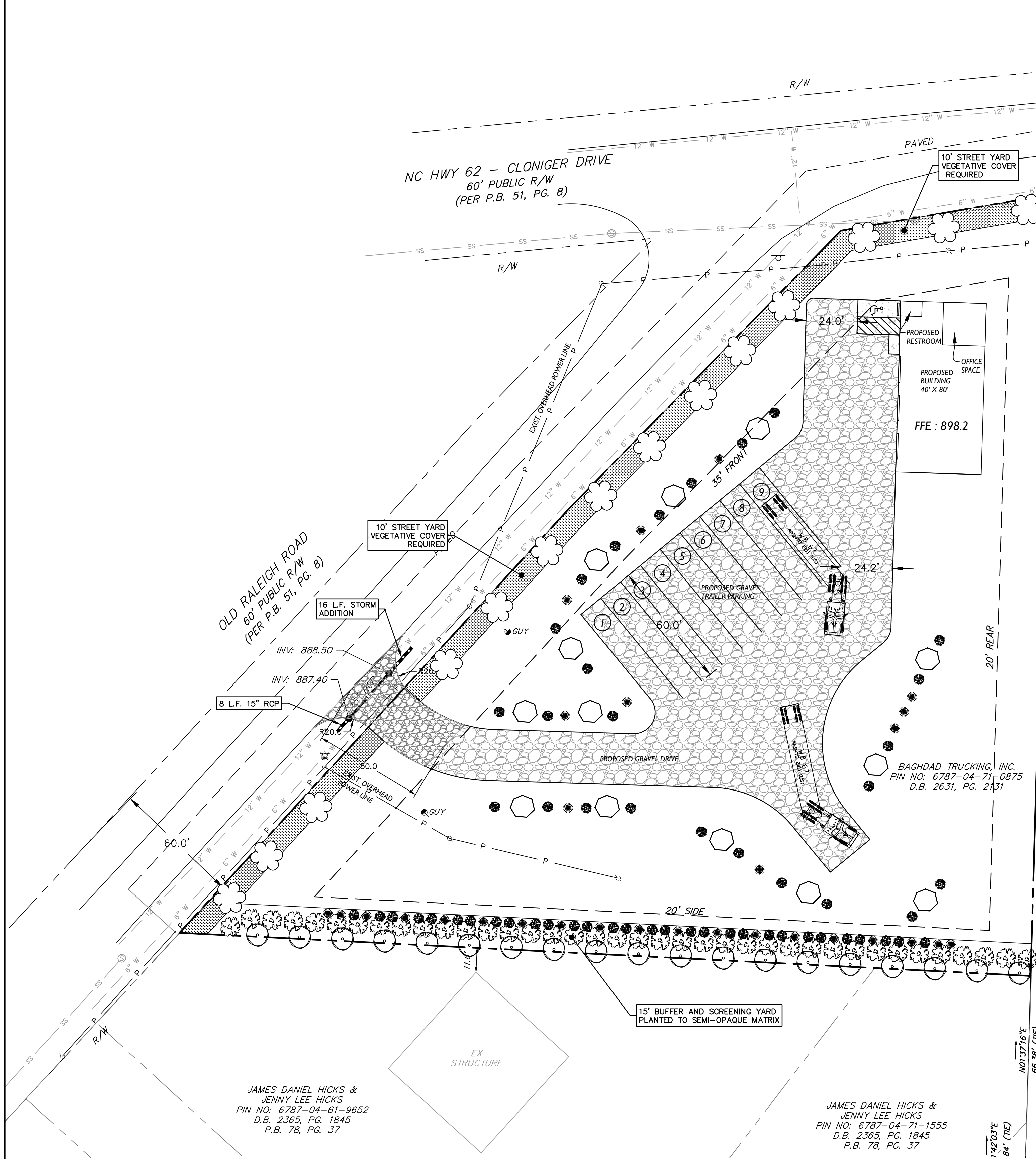
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PLANT LIST

QUANTITY	SYMBOL	COMMON NAME	BOTANICAL NAME	SIZE/HEIGHT	PLANT CATEGORY
14		BLACK GUM	NYSSA SYLVATICA	2" CAL. (min)	UNDERSTORY TREE
38		EASTERN RED CEDAR	JUNIPERUS VIRGINIANA	2" CAL. (min)	UNDERSTORY TREE
13		THORNLESS HONEYLOCUST	GLEDITSIA TRIACANTOS VAR. INERMIS	2" CAL. (min)	OVERSTORY TREE
19		AUTUMN BLAZE RED MAPLE	ACER FREEMANII	2" CAL. (min)	OVERSTORY TREE
22		DWARF YAUPON HOLLY	ILEX VOMITORA "NANA"	3 GALLON - 18" HEIGHT MINIMUM AT TIME OF PLANTING	SHRUB
35		INKBERRY HOLLY	LIEX GLABRA	3 GALLON - 18" HEIGHT MINIMUM AT TIME OF PLANTING	SHRUB

LANDSCAPING NOTES:

- LANDSCAPING SHALL NOT BE INSTALLED OR RETAINED IN ANY LOCATION WHICH CONSTITUTES A HAZARD OR INFRINGEMENT TO THE PUBLIC HEALTH, SAFETY AND WELFARE. LANDSCAPING SHALL NOT OBSTRUCT THE VIEW OF MOTORISTS USING ANY STREET, PRIVATE DRIVEWAY, PARKING AISLES OR THE APPROACH TO ANY STREET INTERSECTION SO AS TO CONSTITUTE A TRAFFIC HAZARD OR A CONDITION DANGEROUS TO THE PUBLIC SAFETY UPON ANY SUCH STREET, DRIVEWAY, PARKING AISLE OR STREET INTERSECTION.
- WHENEVER ANY PLANTING AREAS REQUIRED BY THIS SECTION ARE ADJACENT TO PARKING OR VEHICULAR CIRCULATION AREAS, THE PLANTING AREAS SHALL BE PROTECTED FROM VEHICULAR INTRUSION OR DAMAGE FROM EXCESSIVE VEHICLE OR FUELS BY EMPLACING CURBING, CROSS TIES, OR ANY OTHER DEVICE APPROVED BY THE DEPARTMENT OF PLANNING AND INSPECTIONS.
- ALL LANDSCAPING PLANTING AREAS SHALL BE STABILIZED FROM SOIL EROSION IMMEDIATELY UPON PLANTING AND SHALL BE MAINTAINED FOR THE DURATION OF THE PREMISES.
- THE OWNER IS RESPONSIBLE FOR MAINTAINING ALL REQUIRED PLANT MATERIAL IN GOOD HEALTH. ANY DEAD, UNHEALTHY OR MISSING PLANTS MUST BE REPLACED WITH VEGETATION WHICH CONFORMS WITH THE INITIAL PLANTING STANDARDS OF THIS SECTION WITHIN 180 DAYS.
- OVERSTORY TREE: MINIMUM HEIGHT OF EIGHT FEET AT PLANTING; MINIMUM EXPECTED HEIGHT OF 35 FEET AT MATURITY.
- UNDERSTORY TREE: MINIMUM HEIGHT OF SIX FEET AT PLANTING; MINIMUM EXPECTED HEIGHT OF 25 FEET AT MATURITY.
- SHRUB: MINIMUM HEIGHT OF 18 INCHES AT PLANTING; MINIMUM EXPECTED HEIGHT OF 30 INCHES AT MATURITY.
- GROUND COVER: ANY SHRUB-LIKE PLANT WHICH DOES NOT MEET THE SIZE REQUIREMENTS OF SHRUB AS SPECIFIED ABOVE.

LANDSCAPE NOTE:

- 10' STREETYARD (WEST PROPERTY LINE)
 - STREETYARD: 1 OVERSTORY TREE EVERY 40 LINEAR LF OF STREET FRONTAGE
 - 425 LF / 40 = 11 CANOPY TREES REQUIREDPROVIDED:
 - 11 BLACK GUM
- 10' STREETYARD (NORTH PROPERTY LINE)
 - STREETYARD: 1 OVERSTORY TREE EVERY 40 LINEAR FEET OF STREET FRONTAGE
 - 100 LF / 40 = 3 CANOPY TREES REQUIREDPROVIDED:
 - 3 BLACK GUM
- SOUTH PROPERTY LINE WITH 5 OVERSTORY TREES, 10 UNDERSTORY TREES AND 15 EVERGREEN SHRUBS PER 100 LINEAR FEET.
 - 380 LF / 100 * 5 = 19 OVERSTORY DECIDUOUS TREES REQUIRED
 - 380 LF / 100 * 10 = 38 UNDERSTORY EVERGREEN TREES REQUIRED
 - 380 LF / 100 * 15 = 57 EVERGREEN SHRUBS REQUIRED

- PROVIDED:
- 19 AUTUMN BLAZE RED MAPLE
 - 38 EASTERN RED CEDAR
 - 35 INKBERRY HOLLY
 - 22 DWARF YAUPON HOLLY

- PARKING LOT LANDSCAPING:

PARKING LOT LANDSCAPING SHALL INCLUDE AT LEAST 1 CANOPY TREE FOR EVERY 2000 SF AND 1 SHRUB FOR EVERY 750 SF.

 - 25600 SF / 2000 = 13 OVERSTORY TREES REQUIRED
 - 25600 SF / 750 = 35 SHRUBS REQUIRED

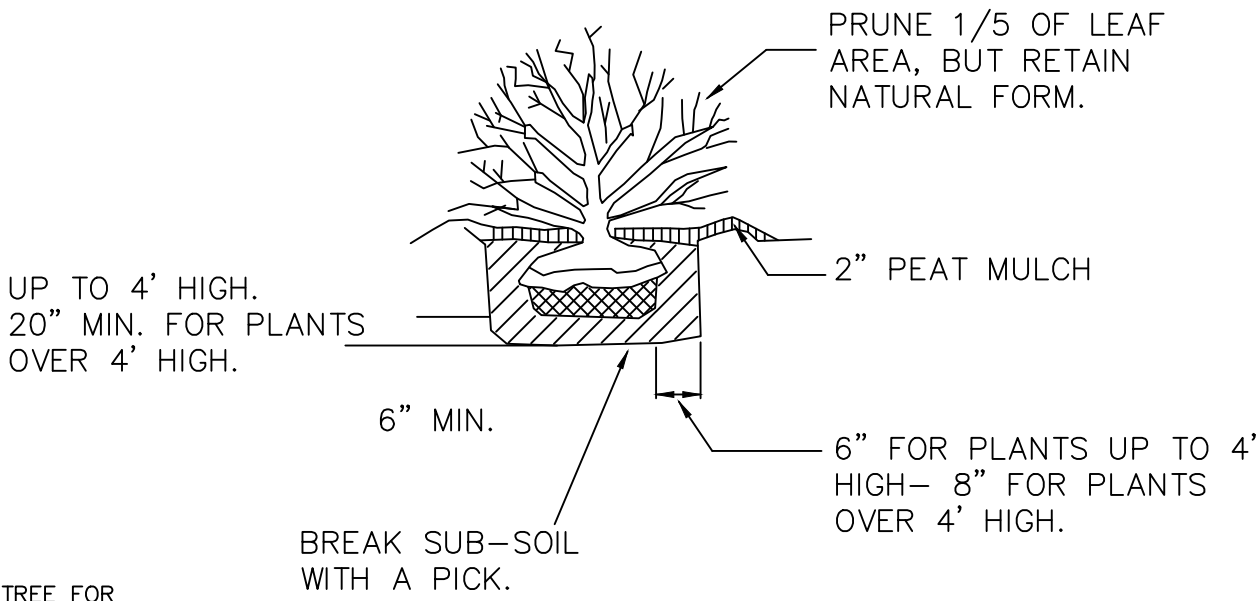
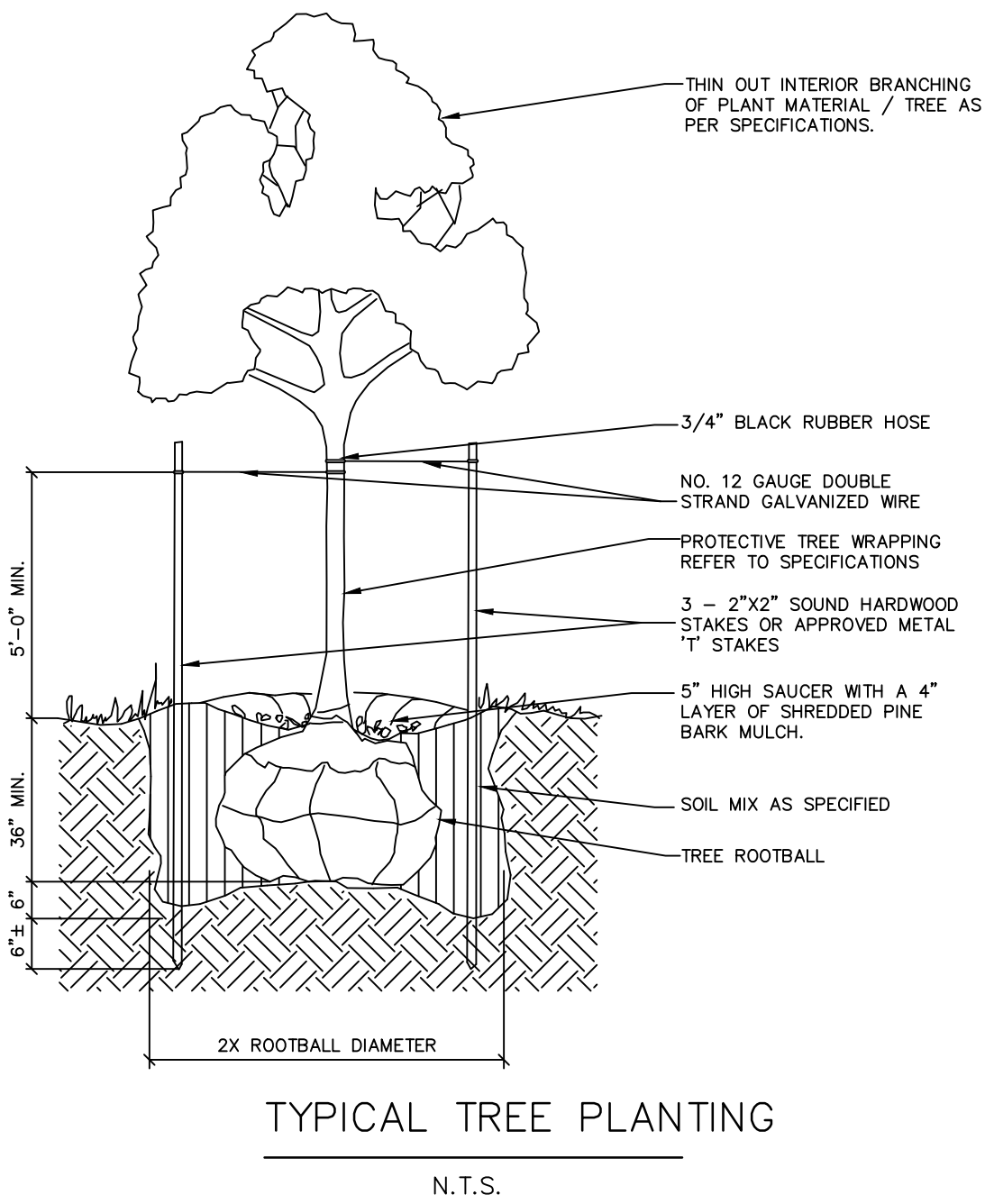
- PROVIDED:
- 13 - THORNLESS HONEYLOCUST
 - 25 - INK BERRY HOLLY
 - 10 - DWARF YAUPON HOLLY

SEMI-OPAQUE BUFFERYARD SCREENING REQUIREMENTS

PLANTINGS	#/100'	DISTANCE	PLANTING	MATURITY
EVERGREEN SHRUBS	15	6' ON CENTER	18"	4'
EVERGREEN TREES	10	6' ON CENTER	6'	25'
DECIDUOUS TREES	5	20' ON CENTER	8'	35'

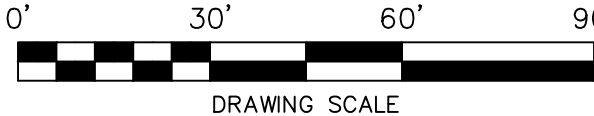
PLANT MATERIAL SPECIFICATIONS:

- OVERSTORY TREE SIZE:
 - OVERSTORY TREES SHALL HAVE A MINIMUM HEIGHT OF 8' AT PLANTING AND A MINIMUM EXPECTED HEIGHT OF 35' AT MATURITY.
 - ALL OVERSTORY TREES SHALL HAVE A MINIMUM CALIPER SIZE OF 2 INCHES AT PLANTING.
- UNDERSTORY TREE SIZE:
 - UNDERSTORY TREES SHALL HAVE A MINIMUM HEIGHT OF 6' AT PLANTING AND A MINIMUM EXPECTED HEIGHT OF 25' AT MATURITY.
 - ALL UNDERSTORY TREES MUST HAVE A MINIMUM CALIPER SIZE OF 2 INCHES AT PLANTING.
- SHRUB SIZE AND TYPE
 - REQUIRED SHRUBS IN PARKING AREAS MAY BE EVERGREEN OR DECIDUOUS, BUT NOT TO EXCEED 40% DECIDUOUS.
 - ALL SHRUBS HAVE A MINIMUM SPREAD OF 18 INCHES AT THE TIME OF PLANTING. SHRUBS SHALL REACH A MINIMUM HEIGHT OF 30 INCHES WITHIN 3 YEARS OF PLANTING.



DRAWING LEGEND

- PROPERTY LINE
- ADJOINING PROPERTY LINE
- SETBACK LINES
- EXISTING SANITARY SEWER MANHOLE
- EXISTING SANITARY SEWER LINE
- EXISTING WATER LINE
- EXISTING STORM PIPE



SEAL
2047
02-24-20
ENGINEER
J. MCK SUMMEY, JR.

SEA

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Email: info@summeyengineering.com
NC Professional Engineering Firm License No. F-0336

By: _____
Description: _____
Date: _____
No. _____

LANDSCAPING
BTI TRUCKING
606 OLD RALEIGH ROAD
THOMASVILLE - DAVIDSON COUNTY - NORTH CAROLINA

AS NOTED
Scale: _____
Date: NOV. 2024
Drawn By: PBC
Checked By: HWSJ
Job No.: E-9824
Sheet No. C-5

C-6.1