

STEWART

421 FAYETTEVILLE ST., SUITE 400 FIRM LICENSE # C-1051
 RALEIGH, NC 27601 www.stewartinc.com
 T 919.380.8750 PROJECT # C17104

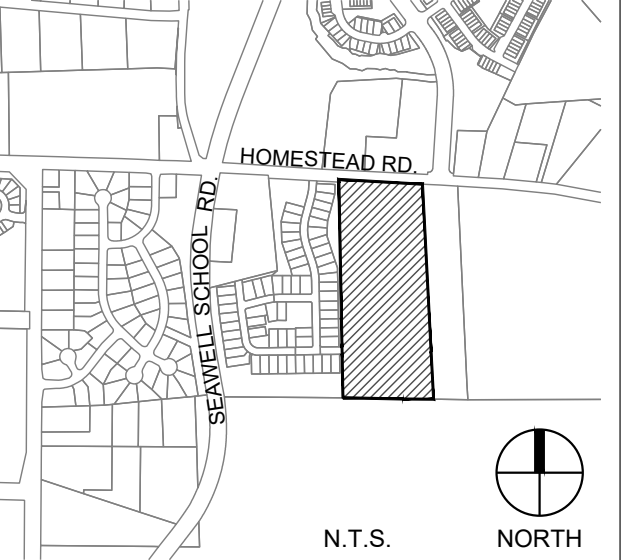
Client:

GLMH-2 LLC
 121 S. Estes Drive Suite 100
 Chapel Hill, NC 27514

Project:

Independent Senior Housing CHAPEL HILL

Vicinity map:



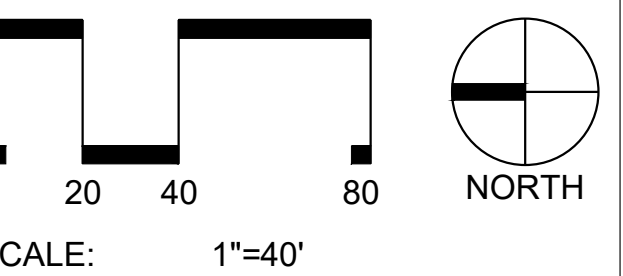
Seal:

PRELIMINARY - DO NOT USE FOR CONSTRUCTION

Issued for:

SUP SUBMITTAL

No.	Date	Description



Title:

EXISTING CONDITIONS PLAN

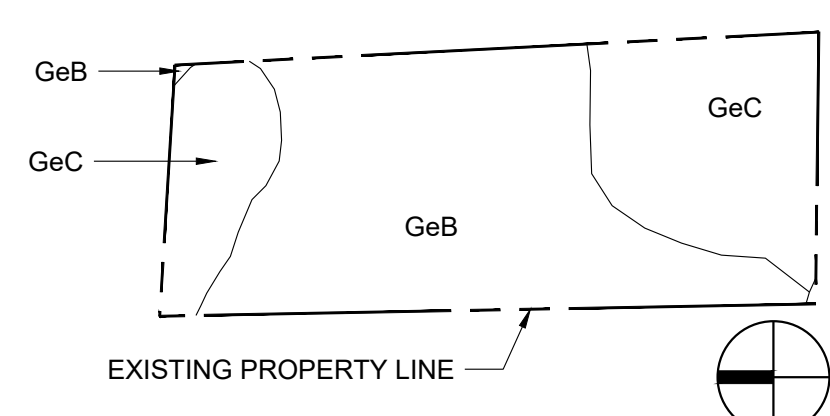
Project number: C17004 Sheet:

Date: 09.27.2017

Drawn by: RS

Approved by: ACP

C1.00



ON-SITE SOILS KEY
 GeB GEORGEVILLE SILT LOAM - HYDROLOGIC SOILS CLASS B
 GeC GEORGEVILLE SILT LOAM - HYDROLOGIC SOILS CLASS B

TREE LEGEND

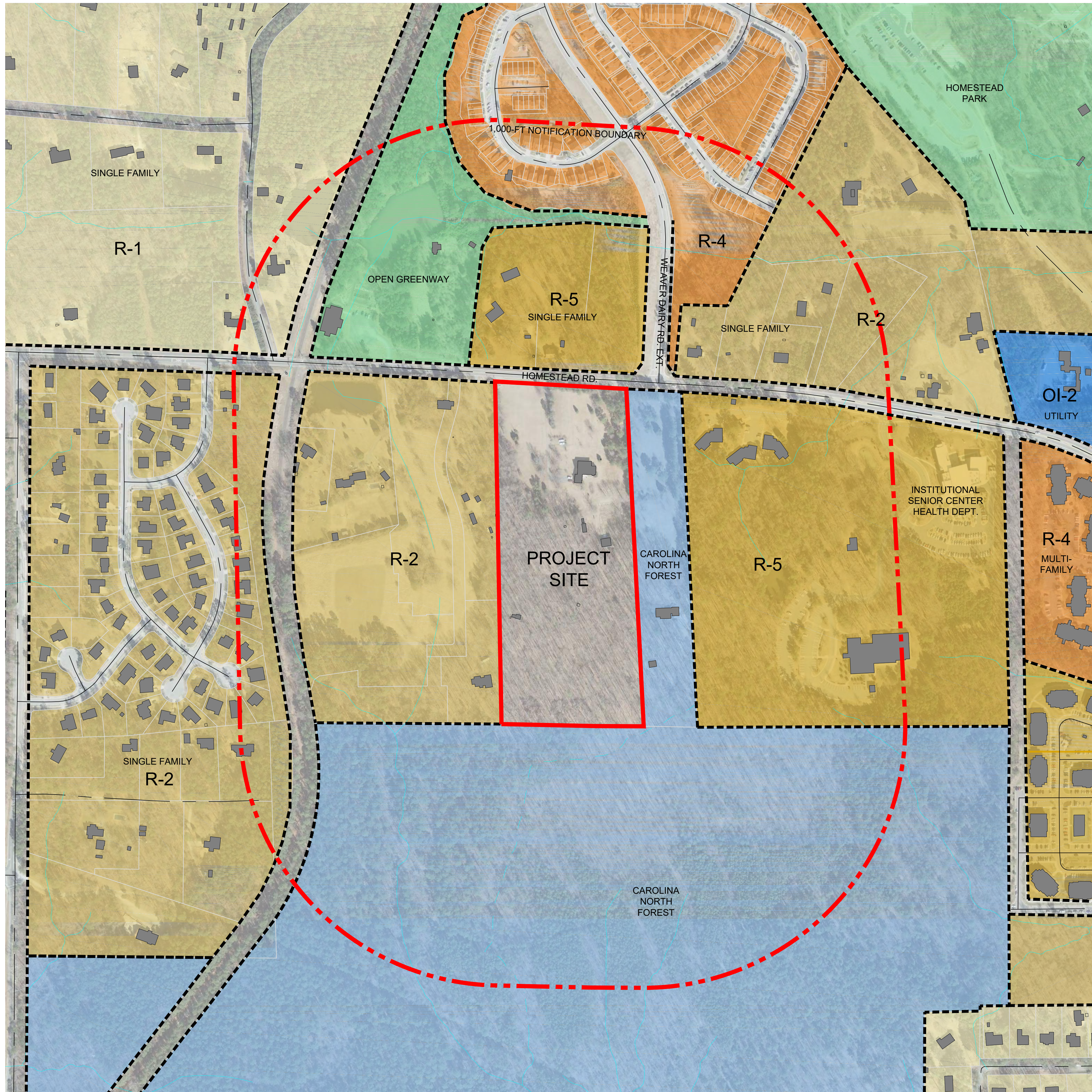
AR	RED MAPLE
HO	AMERICAN HOLLY
JN	BLACK WALNUT
JV	EASTERN RED CEDAR
LS	SWEETGUM
LT	TULIP POPLAR
MG	SOUTHERN MAGNOLIA
PT	LOBLOLLY PINE
OR	RED OAK
TREE	UNIDENTIFIED TREE
EXAMPLE: 10QR	= 10" RED OAK

LEGEND

- △ SURVEY CONTROL POINT
- EIP EXISTING IRON PIPE
- EIR EXISTING IRON ROD
- ▲ COMPUTED POINT
- ⊙ WELL
- ⊕ TPED TELEPHONE PEDESTAL
- ⊖ UTILITY POLE
- GUY WIRE
- BOLLARD
- SIGN
- Ⓜ MAILBOX
- FF=267.18' FINISHED FLOOR ELEVATION
- DECIDUOUS TREE
- EVERGREEN TREE
- BUSH
- WIRE FENCE
- TREELINE
- T UNDERGROUND TELEPHONE LINE
- FO UNDERGROUND FIBER OPTIC LINE
- G UNDERGROUND GAS LINE
- E UNDERGROUND ELECTRIC LINE
- W UNDERGROUND WATER LINE
- S STORM DRAIN LINE
- OHW OVERHEAD WIRES
- U UNIDENTIFIED LINE
- UNKNOWN DESTINATION
- CONCRETE SURFACE
- Ⓜ RCP REINFORCED CONCRETE PIPE

SURVEY NOTES:

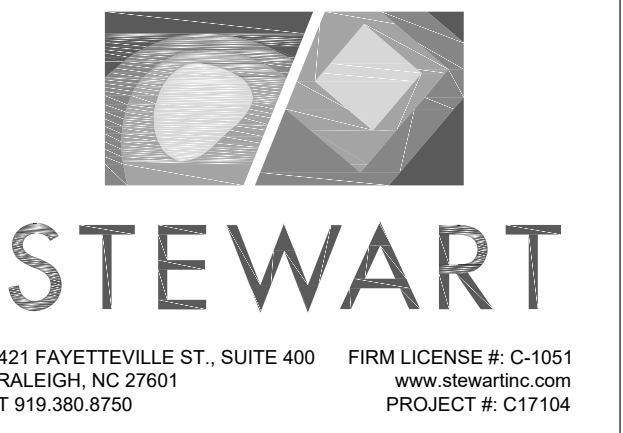
- THIS SURVEY MAP IS INTENDED TO REPRESENT THE EXISTING CONDITIONS/TOPOGRAPHY ON A PORTION OF THE PROPERTY OF WILLIAM BANISTER WOOD AND VIRGINIA F. WOOD, PIN 9879907548, AND IS NOT A BOUNDARY SURVEY. THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A TITLE REPORT AND THEREFORE ALL ENCUMBRANCES UPON THE PROPERTY MAY NOT BE SHOWN.
- THE PROPERTY LINES SHOWN HEREON HAVE BEEN CONFIRMED FROM A PARTIAL SURVEY BY STEWART ENGINEERING. PROPERTY LINES SHOWN TAKEN FROM DEED BOOK 3768 ON PAGE 153.
- THE STATE PLANE COORDINATES (SPC) FOR THIS PROJECT WERE PRODUCED WITH STATIC GPS OBSERVATIONS AND PROCESSED WITH ONLINE POSITIONING USER SERVICE (OPUS). THE NETWORK POSITIONAL ACCURACY OF THE OPUS DERIVED POSITION INFORMATION IS 0.70CM. THE FOLLOWING CORS WERE USED BY OPUS-RS:
- DK7563 NCWL WILSON CORS ARP
- DM3525 NCRC REIDSVILLE CORS ARP
- DL6900 NCZO ASHEBORO 2 CORS ARP
- THIS DRAWING DOES NOT CONFORM TO N.C. GS47-30 AND THEREFORE IS NOT FOR RECORDATION.
- HORIZONTAL DATUM IS NAD 83(2011).
- ALL DISTANCES SHOWN ARE HORIZONTAL GROUND DISTANCES IN U.S. SURVEY FT. AREA COMPUTED BY COORDINATE GEOMETRY.
- ADDRESS: 2217 HOMESTEAD RD.
- NO MONUMENT FOUND WITHIN 2000 FEET.
- UTILITIES SHOWN HEREON ARE BASED SOLELY ON ABOVE-GROUND VISIBLE EVIDENCE AND UTILITY DESIGNATION/MARKING SERVICES PERFORMED BY STEWART INC. AS A PART OF THIS SURVEY. CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL UTILITIES BEFORE COMMENCING CONSTRUCTION.
- TREES SHOWN HEREON MAY NOT REPRESENT ALL VEGETATION ON THE SUBJECT PROPERTY.
- THE SUBJECT PROPERTY IS ZONED "R-2" (PER TOWN OF CHAPEL HILL ZONING MAP DATED FEBRUARY 2016).
- THE SUBJECT PROPERTY LIES IN ZONES X (AREA DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE AND FUTURE CONDITIONS 1% ANNUAL CHANCE FLOODPLAIN) BASED ON THE FLOOD INSURANCE RATE MAP COMMUNITY MAP NUMBER 3710987000J DATED 02/02/07.
- NO JURISDICTIONAL STREAMS OR WETLANDS PRESENT ON SUBJECT PROPERTY ACCORDING TO REPORT BY GEORGE K LANFORD, LSS #1223, DATED JULY 31, 2017.



PROJECT NAME	Independent Senior Housing
PARCEL ID	9870907548
ADDRESS	2217 Homestead Rd. Chapel Hill, NC 27516
EXISTING ZONING	R-2
PROPOSED ZONING	R-5
GROSS LAND AREA	746,726-SF
EXISTING IMPERVIOUS AREA	13,140-SF (EST)
PROPOSED IMPERVIOUS AREA	194,940-SF
LANDSCAPE BOUNDARY BUFFER (MIN)	Type B

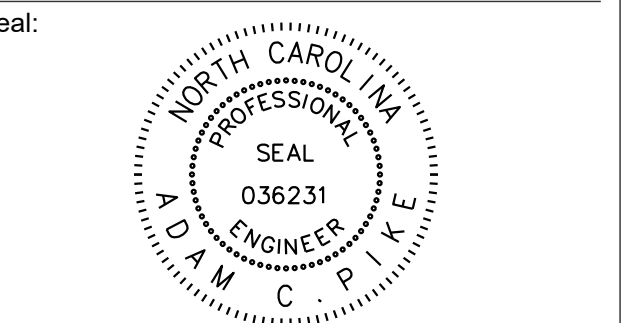
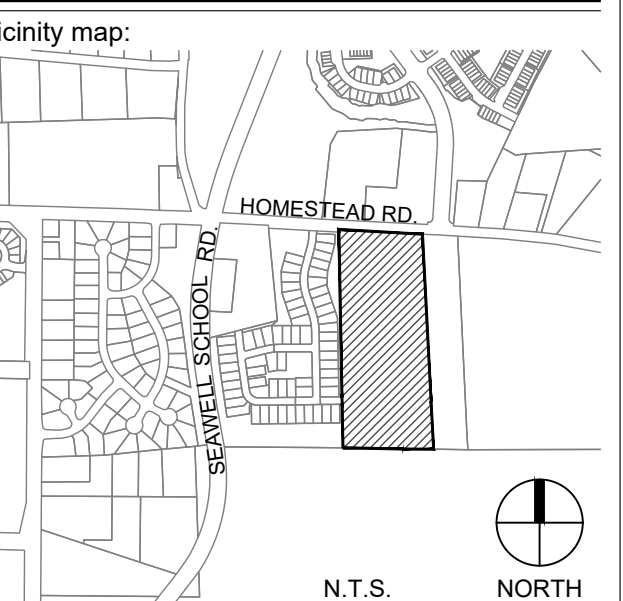
CHAPEL HILL - SITE PLAN REQUIREMENTS:	
PARCEL: =	685,199-SF
TREE COVERAGE AREA 30% =	205,560-SF
ACTIVE RECREATION SPACE (R-4) 3.9% =	26,723-SF
MAX DENSITY:	15 UNITS/ ACRE
PROPOSED DENSITY:	12.66 UNITS/ ACRE
PROPOSED DWELLING UNITS:	190 UNITS (MULTIFAMILY)
AFFORDABLE REQUIREMENT: (15% UNITS)	29 UNITS (28.5)
AFFORDABLE BONUS: (4400-sf PER UNIT)	127,600-SF ADDITIONAL
FAR (.303) =	226,258-SF
TOTAL ALLOWABLE FLOOR AREA	353,858-SF
TOTAL PROPOSED FLOOR AREA	232,000-SF

LEGEND	
	1000' NOTIFICATION
	PROPERTY LINES
	PERENNIAL STREAM
	EPHEMERAL STREAM
	ZONING BOUNDARY



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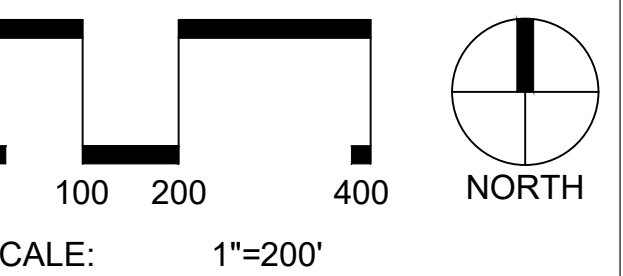
Project:
**Independent Senior Housing
CHAPEL HILL**



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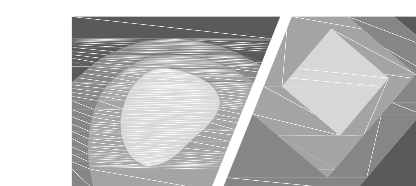
No.	Date	Description



Title:
AREA MAP

Project number: C17004 Sheet:
Date: 09.27.2017
Drawn by: RS
Approved by: ACP **C1.01**

Q:\2017\C17104 - Chapel Hill\DWGS1 - Design\Sheets\C17104-C01-Area Map.dwg Sep 27, 2017 - 9:18am



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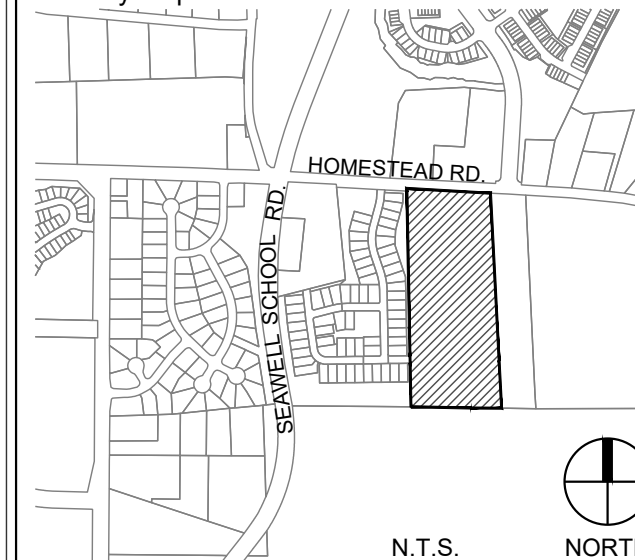
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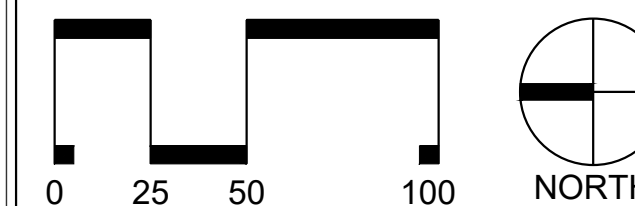
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SCALE: 1"=50'

Title:

SITE PLAN

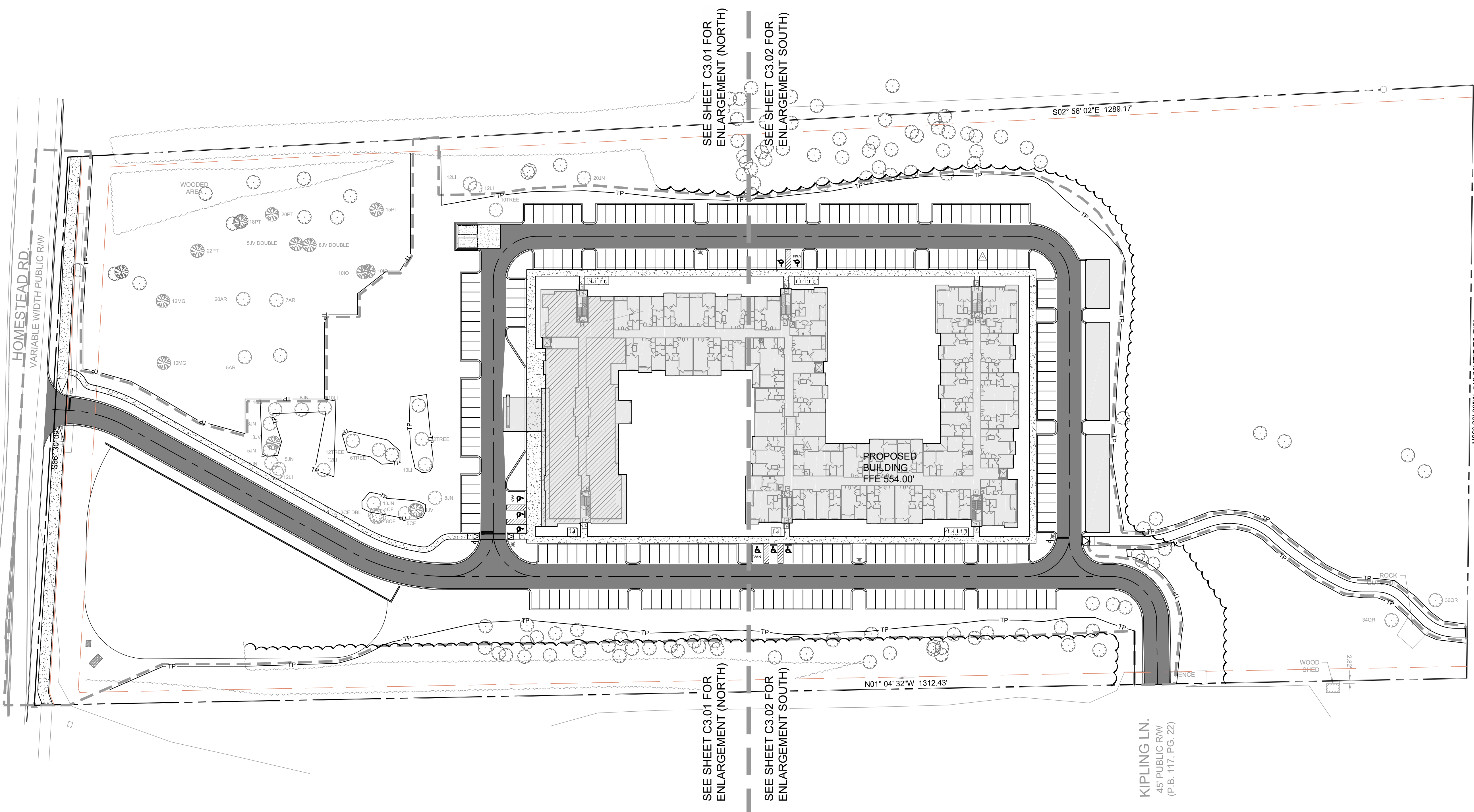
Project number: C17004 Sheet:

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Approved by: ACP

C3.00



GENERAL NOTES:

1. ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL BE IN COMPLIANCE WITH THE OFFICE OF STATE CONSTRUCTION, DEPARTMENT OF INSURANCE, NCDENR, AND ALL OTHER APPLICABLE LOCAL, STATE AND FEDERAL GUIDELINES. ALL UTILITY CONSTRUCTION SHALL COMPLY WITH APPLICABLE LOCAL JURISDICTIONAL STANDARDS AND SPECIFICATIONS.
2. EXISTING SURVEY INFORMATION INCLUDING TOPOGRAPHIC INFORMATION PROVIDED BY STEWART, UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF ANY WORK. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES OR CONFLICTS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING, COORDINATING AND PAYMENT FOR ALL NECESSARY LOCATING SERVICES INCLUDING INDEPENDENT LOCATING SERVICES. THE CONTRACTOR SHALL PROVIDE NOTICE OF EXCAVATION TO NOTIFICATION CENTER AND FACILITY OWNERS (PER NC STATUTE) NO LESS THAN 3 BUSINESS DAYS AND NO MORE THAN 12 WORKING DAYS PRIOR TO BEGINNING DEMOLITION, EXCAVATION OR ANY OTHER FORM OF CONSTRUCTION. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES OR CONFLICTS. NO EXCAVATION OR DEMOLITION SHALL BE STARTED WITHOUT ALL UTILITIES BEING LOCATED.
4. ALL SUB-SURFACE UTILITIES IDENTIFIED ON THE CONSTRUCTION DOCUMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATION BASED ON SURVEY INFORMATION GATHERED FROM FIELD INSPECTION AND/OR ANY OTHER APPLICABLE RECORD DRAWINGS WHICH MAY BE AVAILABLE. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES OR CONFLICTS.
5. EXISTING IMPROVEMENTS DAMAGED OR DESTROYED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE RESTORED OR REPLACED TO ORIGINAL CONDITION AND TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE AT THE CONTRACTOR'S EXPENSE.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND COORDINATING PERMITS, INSPECTIONS, CERTIFICATIONS AND OTHER REQUIREMENTS WHICH MUST BE MET UNDER THIS CONTRACT.
7. THE CONTRACTOR SHALL MAINTAIN "AS-BUILT" DRAWINGS TO RECORD THE ACTUAL LOCATION OF ALL PIPING PRIOR TO CONCEALMENT, VALVE AND MANHOLE CHANGES, AND HARDSCAPE OR LANDSCAPE CHANGES. DRAWINGS SHALL BE PROVIDED TO THE OWNER'S REPRESENTATIVE AT REGULAR INTERVALS, OR AS REQUESTED THROUGHOUT THE PROJECT FOR RECORD KEEPING.
8. IF DEPARTURES FROM THE PROJECT DRAWINGS OR SPECIFICATIONS ARE DEEMED NECESSARY BY THE CONTRACTOR, DETAILS OF SUCH DEPARTURES AND REASONS THEREOF SHALL BE SUBMITTED TO THE OWNER'S REPRESENTATIVE FOR REVIEW. NO DEPARTURES FROM THE CONTRACT DOCUMENTS SHALL BE MADE WITHOUT THE EXPRESS WRITTEN PERMISSION OF THE OWNER'S REPRESENTATIVE.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RELOCATION OF ANY EXISTING UTILITY LINES REQUIRED TO COMPLETE ANY PORTION OF CONSTRUCTION. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE COORDINATION AND COSTS OF THE RELOCATION AND ASSOCIATED WORK.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE PREMISES FREE FROM ACCUMULATIONS OF WASTE MATERIALS AND RUBBISH CAUSED BY THE CONTRACTOR. ALL DEBRIS SHALL BE REMOVED FROM THE PROJECT SITE ON A DAILY BASIS.
11. THE ENGINEER AND/OR OWNER DISCLAIM ANY ROLE IN THE CONSTRUCTION MEANS AND/OR METHODS ASSOCIATED WITH THE PROJECT AS SET FORTH IN THESE PLANS.
12. ROADWAYS (TEMPORARY OR PERMANENT) MUST BE CAPABLE OF SUPPORTING FIRE FIGHTING APPARATUS (85,000 LBS) DURING ALL PHASES OF CONSTRUCTION ONCE VERTICAL CONSTRUCTION HAS BEGUN.

SITE NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF THE CONSTRUCTION LAYDOWN AREA, PERIMETER FENCE, AND ASSOCIATED GATES. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE REMOVAL OF THE CONSTRUCTION LAYDOWN AREA PERIMETER FENCE AND ASSOCIATED GATES AT THE COMPLETION OF THE PROJECT.
2. THE CONTRACTOR SHALL REFERENCE THE DESIGN PLANS FOR DIMENSIONS, JOINT LOCATIONS, AND INLAY SPECIFICATIONS NEAR BUILDINGS AND IN COURTYARDS. CONTRACTOR SHALL PROVIDE JOINTS IN WALKWAYS AND HARDSCAPE PER DETAILS OR AS INDICATED ON LANDSCAPE/HARDSCAPE PLAN SHEETS.
3. ALL CONSTRUCTION TRAFFIC SHALL ENTER SITE FROM UNLESS OTHERWISE APPROVED IN WRITING FROM THE OWNER'S REPRESENTATIVE FOR AN ALTERNATE POINT OF ACCESS.
4. REFER TO ARCHITECTURAL PLANS FOR BUILDING INFORMATION.
5. ALL DIMENSIONS ARE IN DECIMAL FEET TO OUTSIDE FACE OF BUILDINGS, TO CENTERLINES, AND/OR FACE OF CURB UNLESS OTHERWISE NOTED.
6. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND COORDINATES AND REPORT ANY DISCREPANCIES TO THE OWNER'S REPRESENTATIVE PRIOR TO ANY CONSTRUCTION.
7. ALL WRITTEN DIMENSIONS SHALL PREVAIL. DO NOT SCALE FROM DRAWINGS.
8. ALL UTILITIES WITH SURFACE ACCESS SHALL BE LOCATED WITHIN THE PAVING PATTERN AND SHALL BE COORDINATED WITH LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. REFER TO LAYOUT DRAWINGS.
9. ALL ANGLES ARE 90 DEGREES UNLESS OTHERWISE NOTED.
10. ALIGN ALL JOINTS, CORNERS, AND EDGES AS SHOWN
11. CONTRACTOR SHALL REFER TO AND COORDINATE WITH ARCHITECTURAL, STRUCTURAL, AND MEP DRAWINGS AT ALL TIMES PRIOR TO AND DURING CONSTRUCTION.
12. ALL CURB TAPERS ARE SIX (6) FEET LONG UNLESS OTHERWISE SHOWN ON PLAN.
13. WHERE NEW SIDEWALK ADJOINS EXISTING WALK, PROVIDE EXPANSION JOINT BY DRILLING INTO THE FACE OF THE EXISTING WALK FOR PLACEMENT OF DOWELS. THE NEW SIDEWALKS INTO NEAREST EXISTING PAVEMENT JOINT, MATCH WIDTH OF EXISTING WALKWAY.
14. WHERE SIDEWALK OR WALKWAYS ARE ADJACENT TO PARKING SPACES THE WALKWAY SHALL BE A MINIMUM 6.5' WIDE AS MEASURED FROM THE FACE OF CURB.
15. MAXIMUM RUNNING SLOPE FOR WALKING SURFACES CANNOT BE GREATER THAN 1:20 AND CROSS SLOPES CANNOT BE GREATER THAN 1:48. HANDICAP SPACES SURFACE SLOPES SHALL NOT EXCEED 1:48 IN ALL DIRECTIONS.
16. SIGHT TRIANGLES - NOTHING OVER 30" HIGH SHALL BE ALLOWED WITHIN THE SIGHT DISTANCE TRIANGLES.
17. THE SITE SHALL BE FULLY STABILIZED (90% COVERAGE) PRIOR TO ISSUANCE OF A BUILDING CERTIFICATE OF OCCUPANCY OR PROJECT APPROVAL.
18. HANDICAP RAMPS SHALL BE INSTALLED PER LATEST EDITION OF THE NC BUILDING CODE AND ANSI 117.11 WITH DETECTABLE WARNING DOMES WITH A COLOR CONTRAST OF 70% MINIMUM. SEE DETAILS AND GRADING SPOT ELEVATIONS. IF THE EXISTING CONDITIONS PRECLUDE THE ABILITY TO PROVIDE A MAXIMUM SLOPE 1/12 FOR 6- FEET OR A MAXIMUM CROSS SLOPE OF 1:48 AND A 36" MINIMUM LANDING, THE CONTRACTOR SHALL NOTIFY ENGINEER OR OWNER REPRESENTATIVE PRIOR TO INSTALLATION.
19. THE TESTING AGENCY SHALL BE RESPONSIBLE FOR PROVIDING THE ASPHALT AND CONTRACTOR CERTIFICATION MEMO TO NCDOT FOR ALL ROADWAY IMPROVEMENTS WITHIN THE PUBLIC RIGHT-OF-WAY.

SITE LEGEND

- PROPOSED BUILDING
- PROPOSED CONCRETE SIDEWALK
- PROPOSED HEAVY DUTY PAVEMENT
- PROPOSED CURB & GUTTER
- PROPOSED STOP BAR
- PROPOSED 6' WIDE STANDARD CROSSWALK
- PROPOSED SIGN
- PROPOSED ADA PARKING SPACE
- PROPOSED CIP WALL
- PROPOSED WHEEL STOP
- PROPOSED ASPHALT TRAIL
- PROPOSED LIGHT
- PROPOSED BIKE RACK
- LIMITS OF DISTURBANCE

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