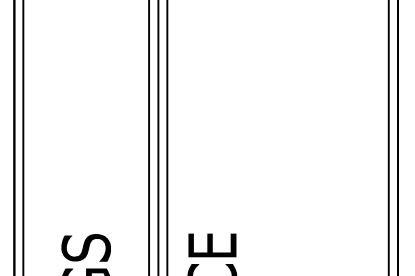


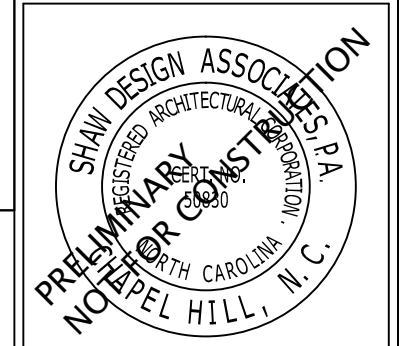
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 180 PROVIDENCE RD SUITE #8  
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Service Layer Credits: Chatham County, Chatham County EDC, Chatham County GIS  
 Chatham County, Chatham County GIS



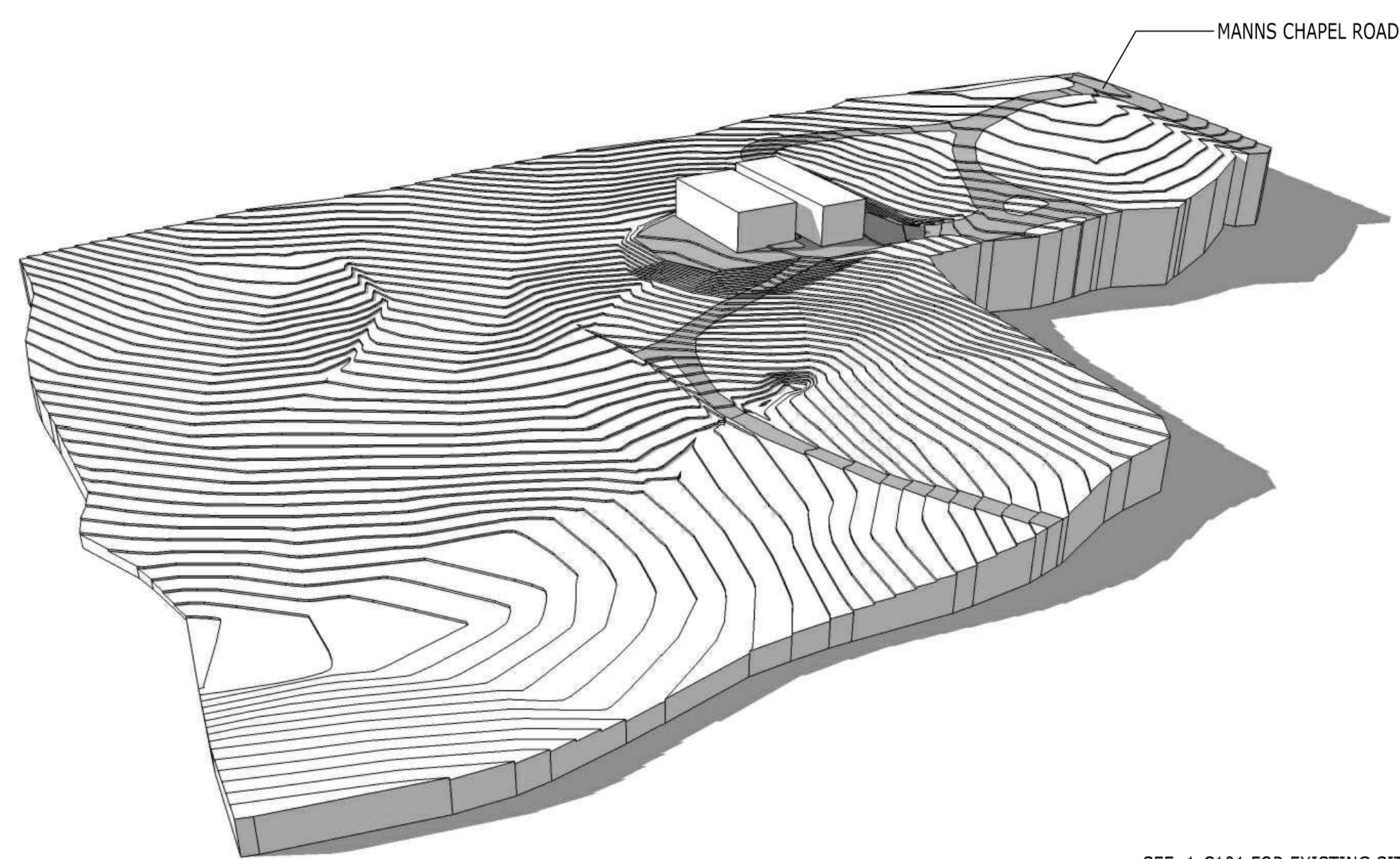
**SITE CONTEXT & RENDERINGS**  
**O'MARA LANDSCAPING OFFICE**  
 4590 MANNS CHAPEL ROAD  
 CHATHAM COUNTY, NC



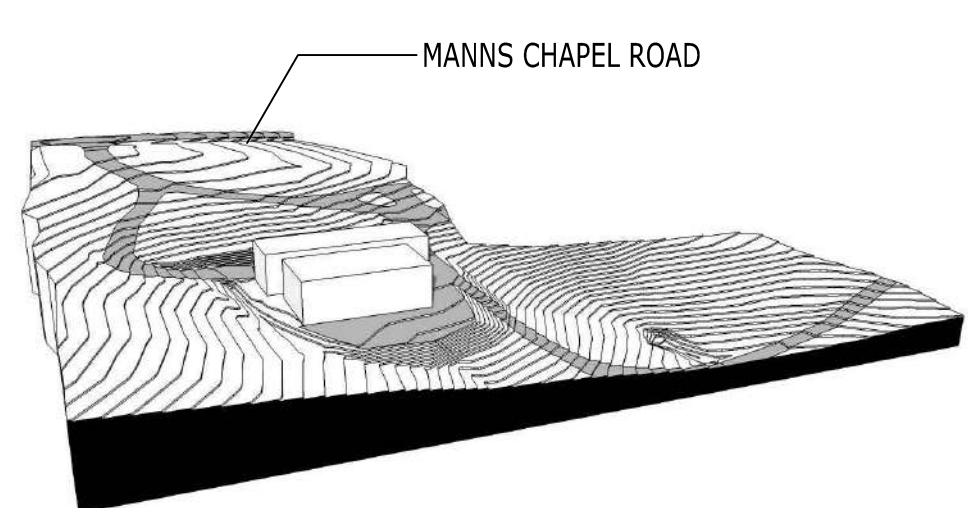
REVISIONS	
1-10-18: AREA OF DISTURBANCE CALC. REV.	
1-23-18: ISA CALCULATION	
3-21-18: SINGLE ENTRY REV.	
DATE	1/4/2018
DRAWN	-
FILE #	1736

**C100**  
 SHEET - OF -

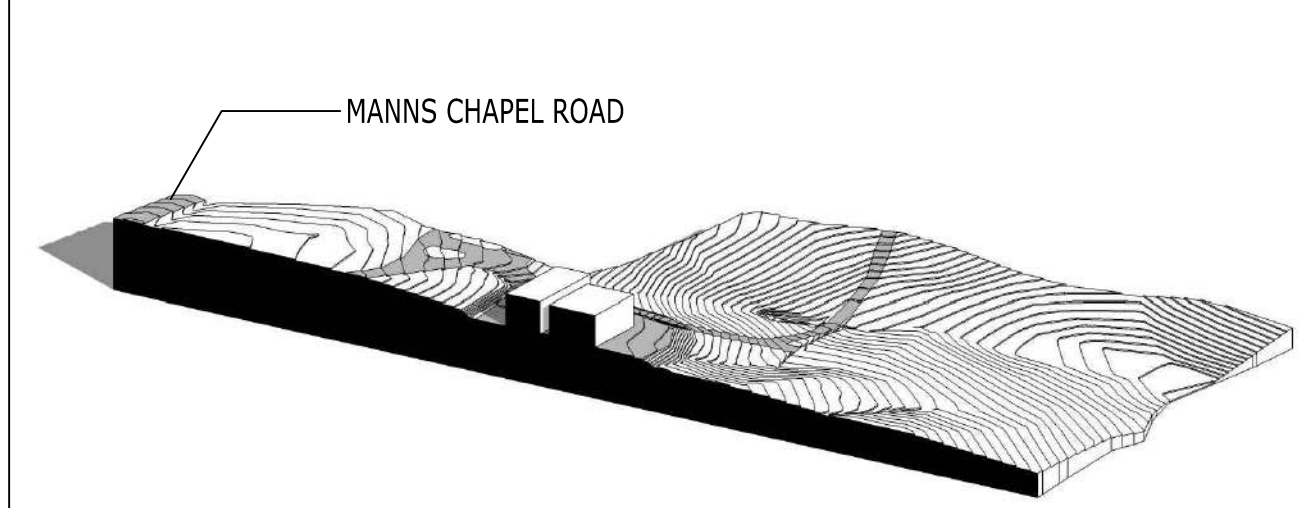
**EXISTING SITE RENDERINGS**



SEE 1-C101 FOR EXISTING SITE PLAN

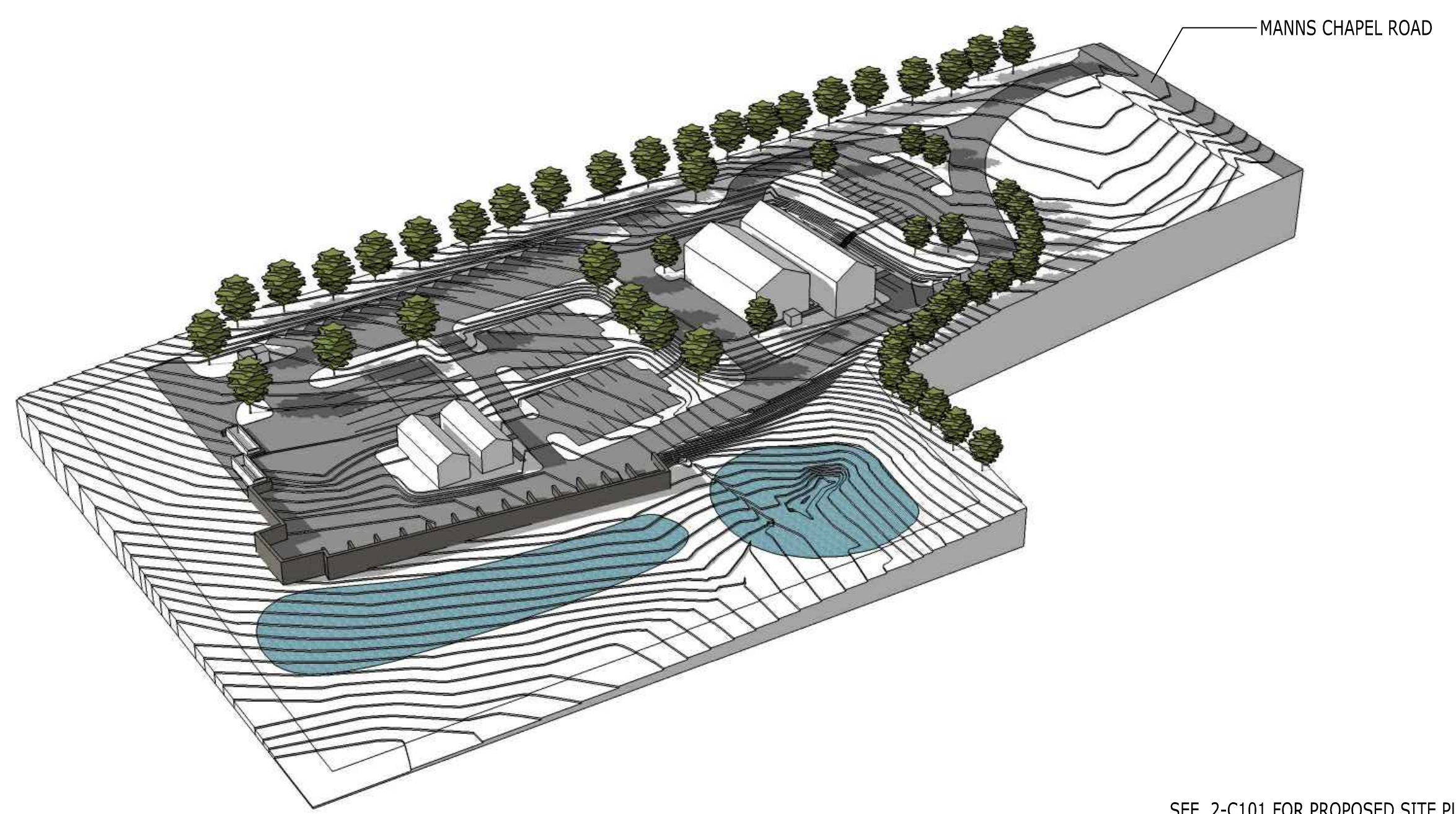


TRANSVERSE CROSS SECTION



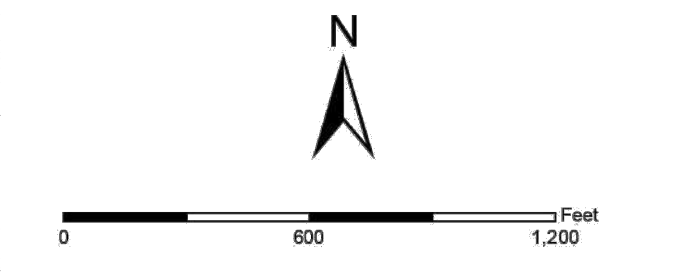
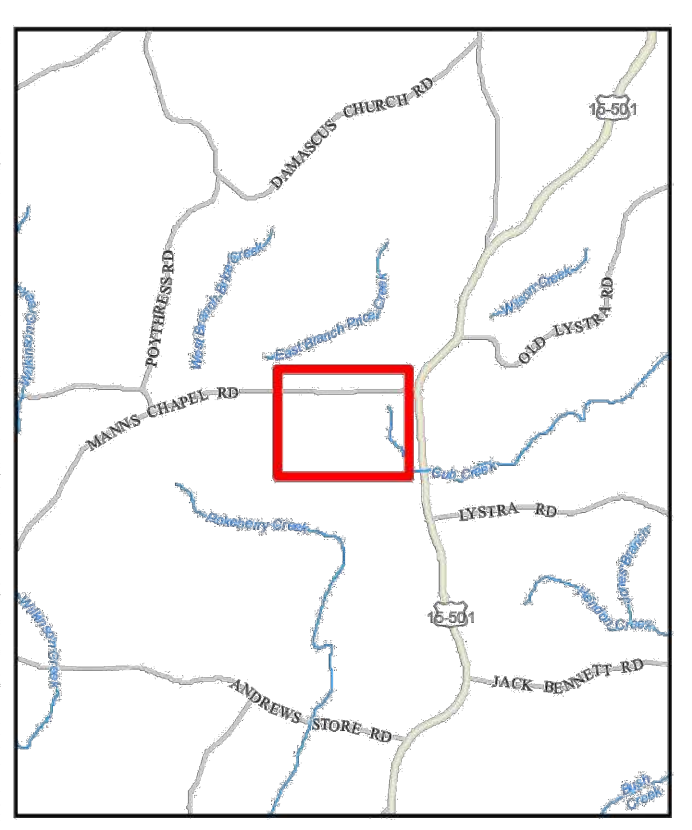
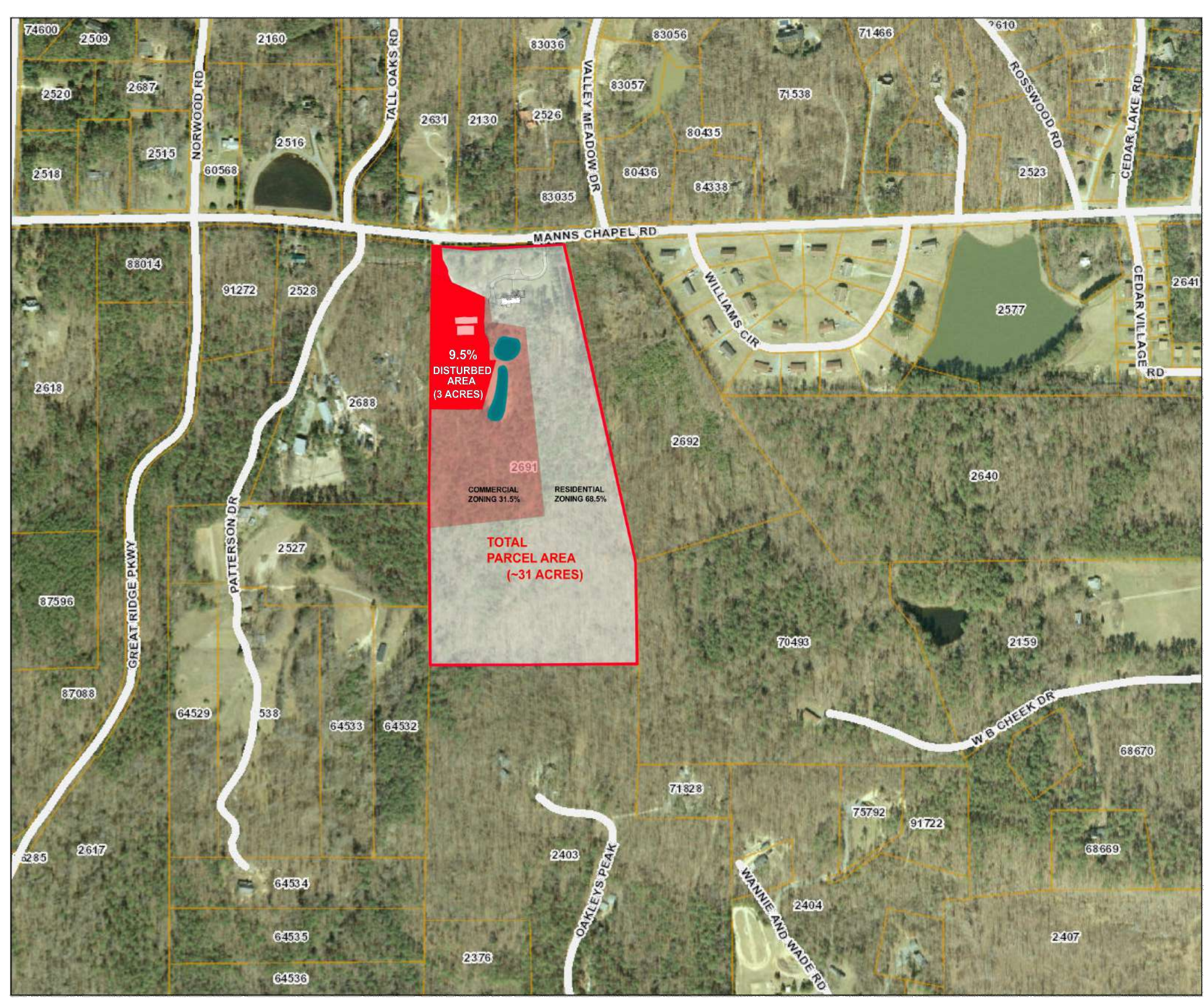
LONGITUDINAL CROSS SECTION

**SITE PROPOSAL RENDERINGS**



SEE 2-C101 FOR PROPOSED SITE PLAN

**AREA OF DISTURBANCE AERIAL MAP**

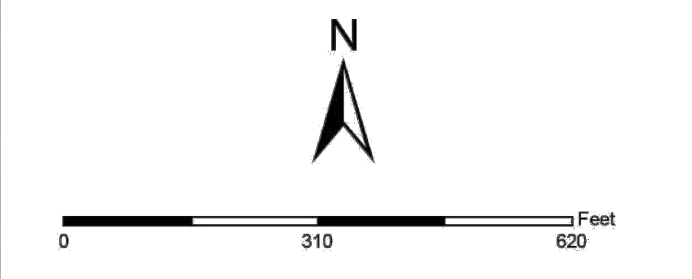
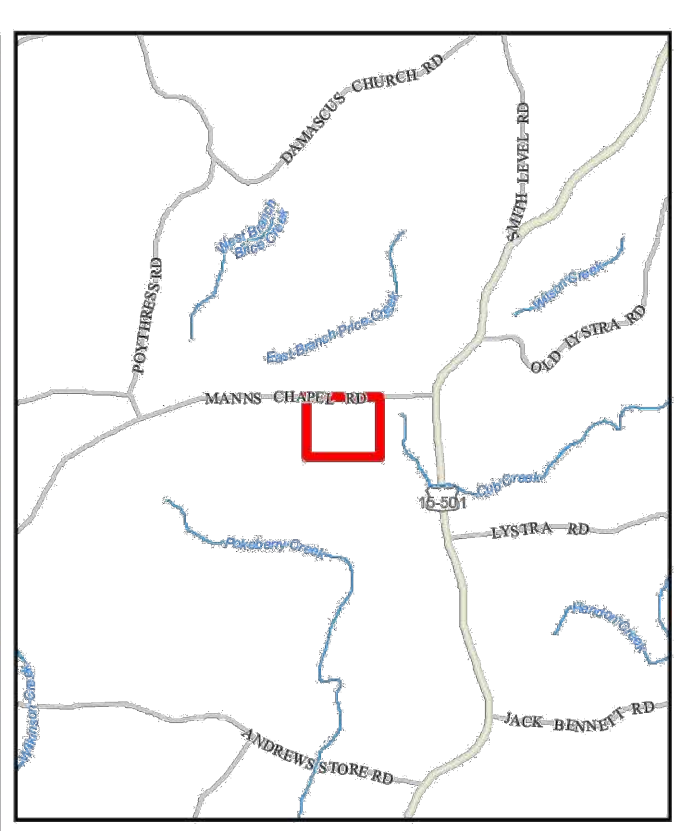
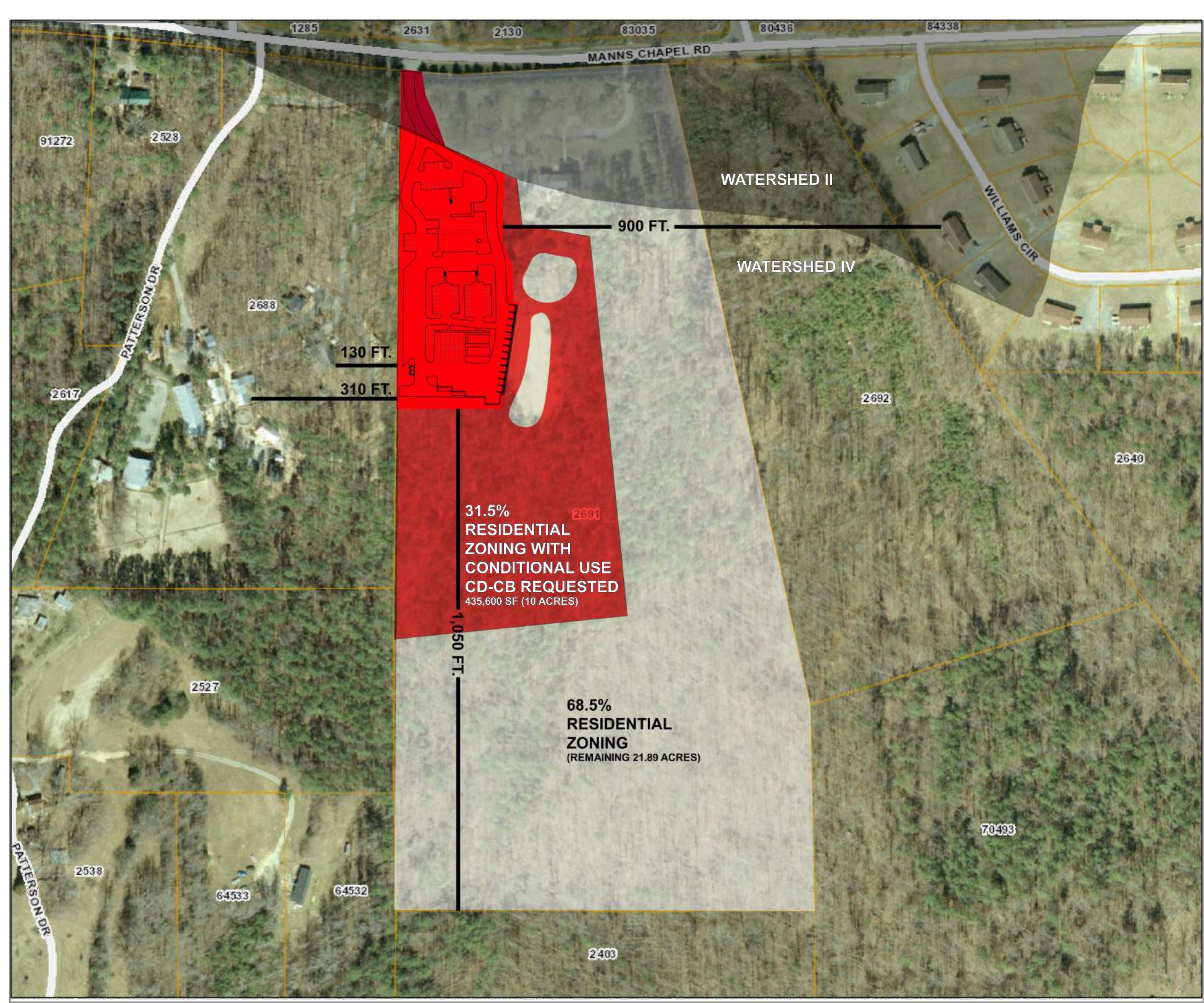


Service Layer Credits: Chatham County, Chatham County EDC, Chatham County GIS  
 Chatham County, Chatham County GIS

Date: 12/4/2017  
 Time: 12:23:56 PM



**WATERSHED, ZONING & DISTANCE TO NEIGHBOR AERIAL MAP**



Service Layer Credits: Chatham County, Chatham County EDC, Chatham County GIS  
 Chatham County, Chatham County GIS

Date: 12/4/2017  
 Time: 1:22:59 PM



**PROJECT DATA**

PROJECT ADDRESS:	4590 MANNS CHAPEL ROAD CHAPEL HILL, NC 27516
JURISDICTION:	CHATHAM COUNTY
ASSESSOR'S PARCEL NUMBER:	9766 04 91 6788
PARCEL ID NUMBER:	0002691
OCCUPANCY:	R-3/U & B (Conditional)
CONSTRUCTION TYPE:	TYPE V-B
FIRE SPRINKLERS:	NONE EXISTING/NOT REQUIRED
LOT AREA:	31.89 ACRES (10 Acres Business - 21.89 Acres Residential)

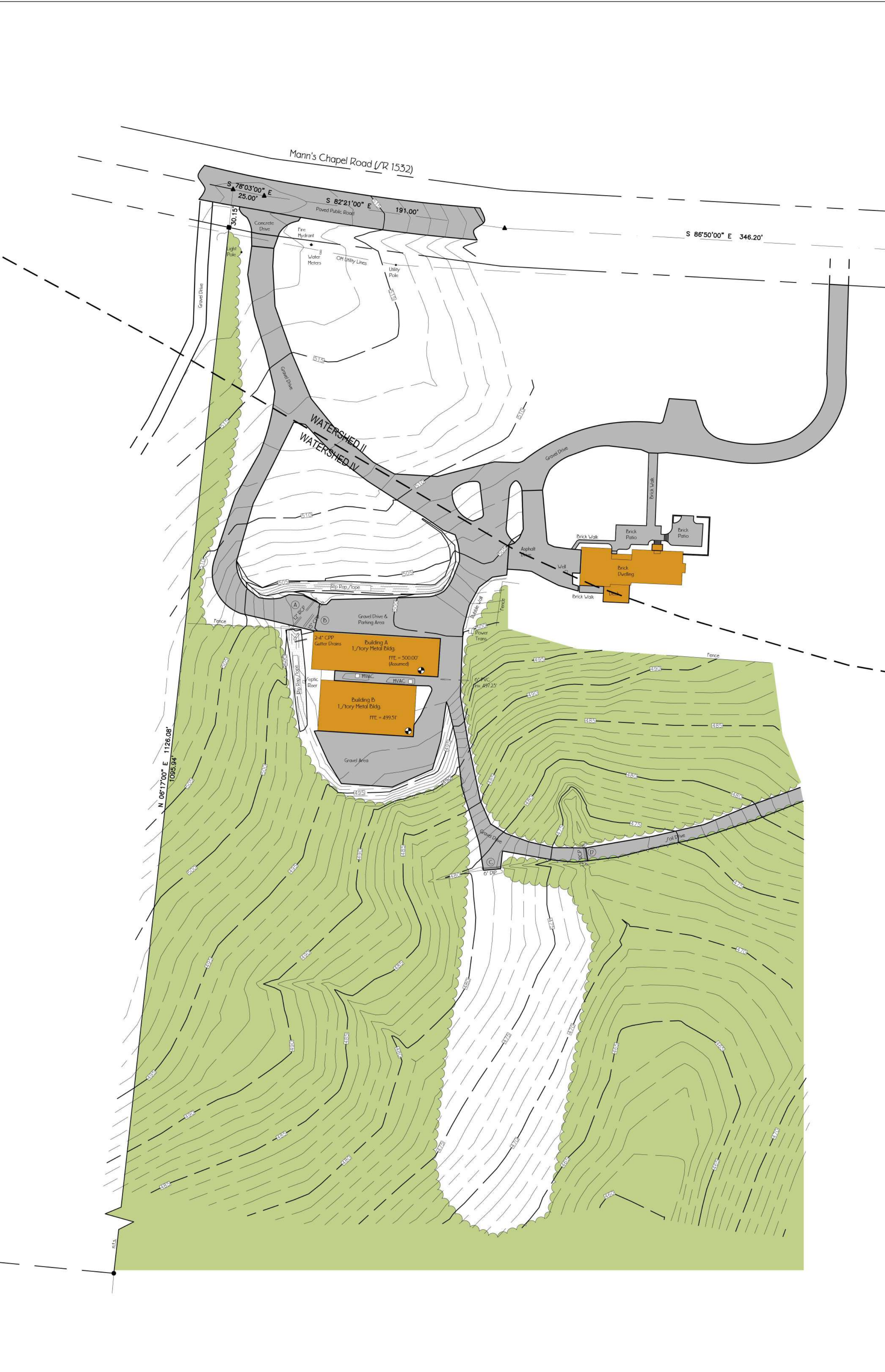
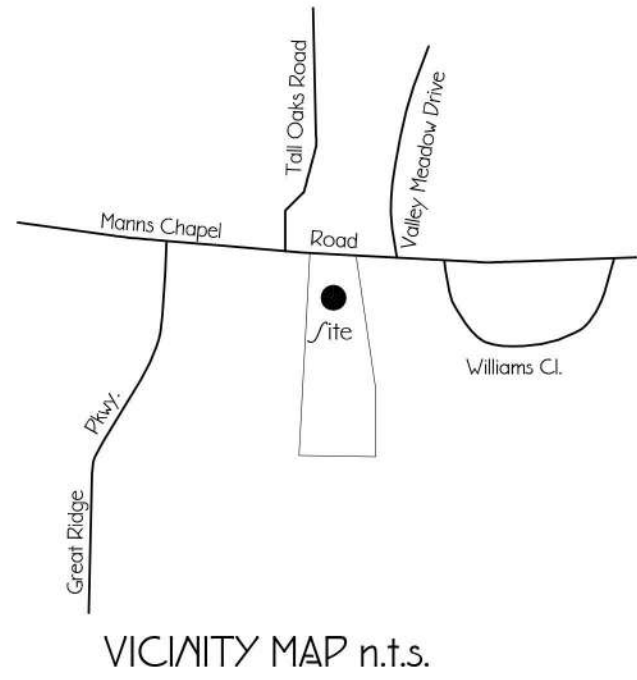
ZONING CLASSIFICATION:	R-1
PROPOSED CLASSIFICATION:	CD - CB (Per Chatham County Zoning Ordinance 10.13)
ZONING REQUIREMENTS:	Max Allowed / Proposed 60'-0" / No Change
SETBACK REQUIREMENTS*:	Front / Side / Rear / Height 50 ft. / 20 ft. / 20 ft. / 60'
*Unless otherwise noted, setbacks are measured from property lines. See Site Plan for any other applicable easements or construction limit lines.	
SQUARE FOOTAGE TOTALS:	
PAVED AREA:	DRIVEWAY: EXISTING - 33,832 SF NEW - 37,500 SF TOTAL - 71,332 SF
GARBAGE - 3,500 SF	
STORAGE BINS - 7,000 SF	
BUILDINGS:	TOTAL AREA OF DISTURBANCE: ±132,000 SF or ±3.0 Acres
EXISTING BUILDING A - 3,024 SF (NO CHANGE)	
EXISTING BUILDING B - 3,123 SF (NO CHANGE)	
GREENHOUSE - 1000 SF (x2)	

IMPERVIOUS SURFACE TOTALS:	
TOTAL (E) WS-II SF:	139,392 SF (3.2 Acres)
TOTAL (E) WS-IV SF:	1,249,736 SF (28.69 Acres)
TOTAL EXISTING ISA (WS-II):	25,091 SF
(E) IMPERVIOUS %:	18%
TOTAL EXISTING ISA (WS-IV):	24,995 SF (E) IMPERVIOUS %:
	2%
TOTAL NEW ISA (WS-II):	6,691 SF
(N) IMPERVIOUS %:	4.8%
TOTAL NEW ISA (WS-IV):	99,979 SF
(N) IMPERVIOUS %:	8%

VEHICLE PARKING CAPACITY & AREA	
OFFICE VISITOR/EMPLOYEE:	15 SPACES / 5,090 SF
HANDICAP:	2 SPACES / 428 SF
EMPLOYEE:	47 SPACES / 13,770 SF
FERTILIZER TRUCK:	4 SPACES / 1,040 SF
BOX TRUCK:	16 SPACES / 4,760 SF
SERVICE BAY ACCESS - 545 SF	
EQUIPMENT PARKING - 1,020 SF	
RECEIVING AREA - 900 SF	
DUMP TRAILER PARKING - 1,800 SF	
DUMPSTER PICKUP & DELIVERY - 2,350 SF	

PROJECT TEAM ROSTER:	
OWNER:	O'Mara Landscaping & Lawncare, Inc. - James and Kate O'Mara 5015 Southpark Drive, Suite 210 Durham, NC 27713 (919)942-5051   omaralandsaping@bellsouth.net
CONTRACTOR:	Horizon Renovations - Kevin Frazier 44 Hillsboro Street Pittsboro, NC 27312 (919) 542-4442   kevin@horizonrenovationsllc.com
ARCHITECT:	Shaw Design Associates - Keith Shaw and Ryan Hopkins 180 Providence Road, Suite 8 Chapel Hill, NC 27514 (919)493-0528   keith@shawdesign.us, ryan@shawdesign.us

SURVEYOR:	Holland Land Surveying - Jim Holland 608 Martin Luther King Jr. Blvd. Chapel Hill, NC 27514 (919)942-9401   jhh1950@gmail.com
CIVIL ENGINEER:	Arcadia Consulting Engineers - Trenton Stewart 1071 Classic Road Apex, NC 27539 (919) 363-1422   trent@arcadiaengineers.com

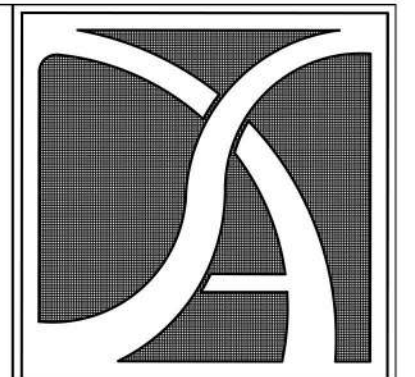


**SITE PLAN LEGEND**

- EXISTING STRUCTURE
- NEW STRUCTURE
- GRAVEL ROAD / LOT
- PAVED AREA
- TREES
- GROUND COVER
- POND AS REQUIRED
- DUMPSTER

1-C101 EXISTING CONDITIONS  
1" = 50'

2-C101 PROPOSED SITE PLAN  
1" = 50'



**SHAW DESIGN ASSOCIATES, P.A.**  
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**EXISTING CONDITIONS & PROPOSED SITE PLAN**  
**O'WARA LANDSCAPING OFFICE**  
4550 MANN'S CHAPEL ROAD  
CHATHAM COUNTY, NC

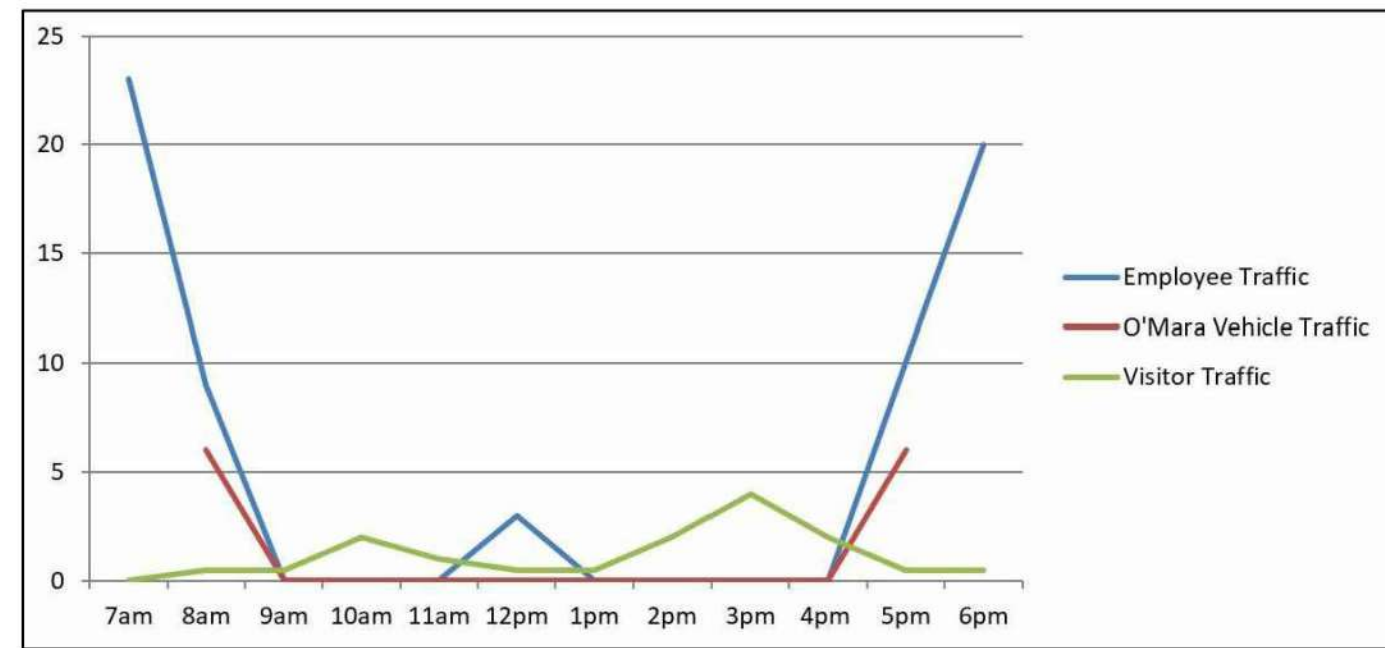


REVISIONS

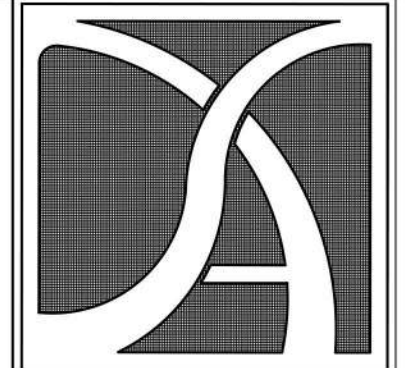
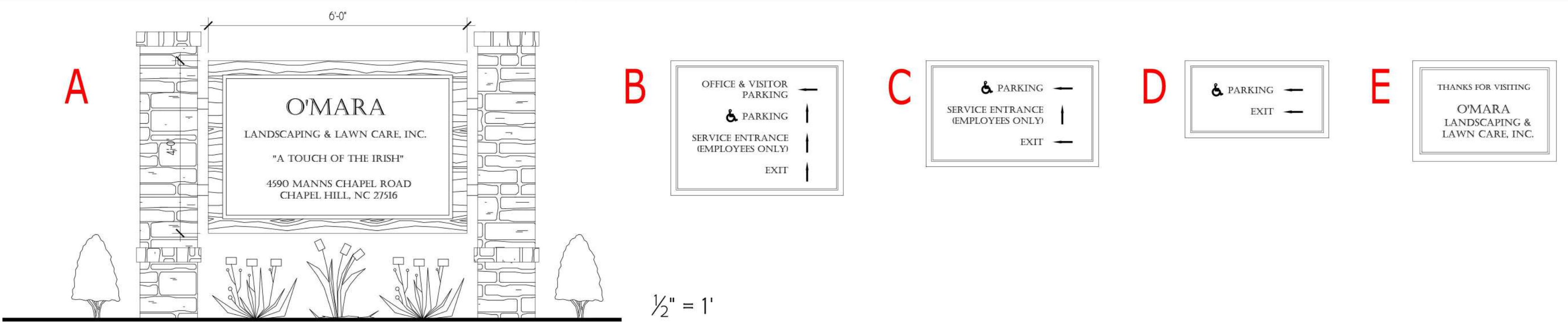
DATE	3/21/2018
DRAWN	-
FILE #	1736

**C101**  
SHEET - OF -

**WORK FLOW TRAFFIC PATTERN:**

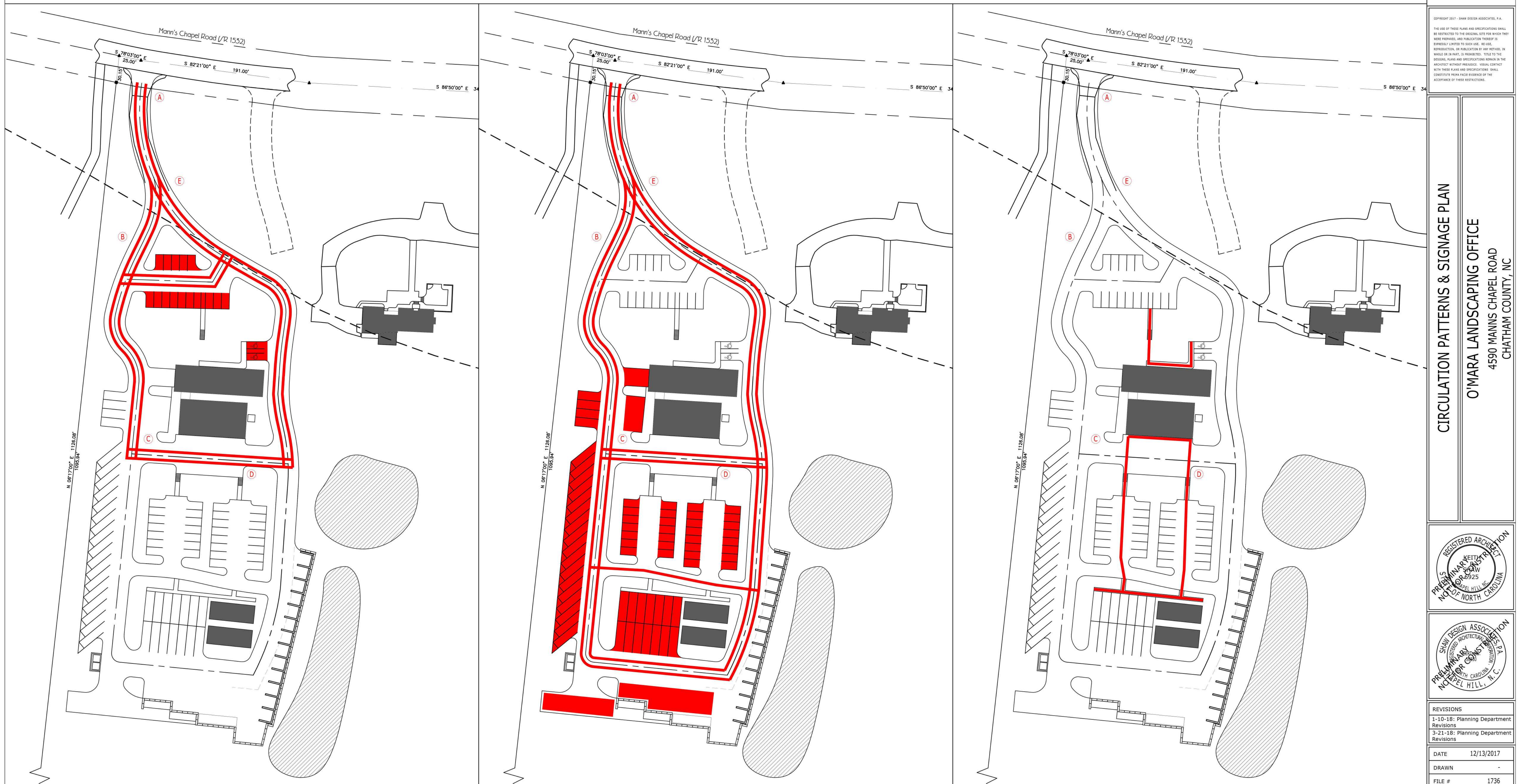


**SIGNAGE:**

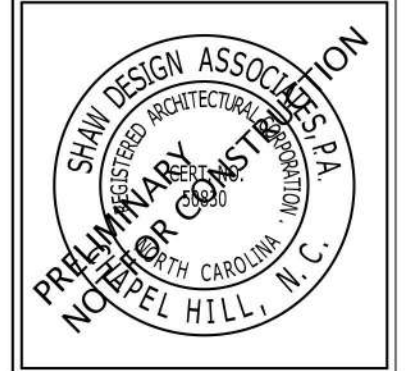


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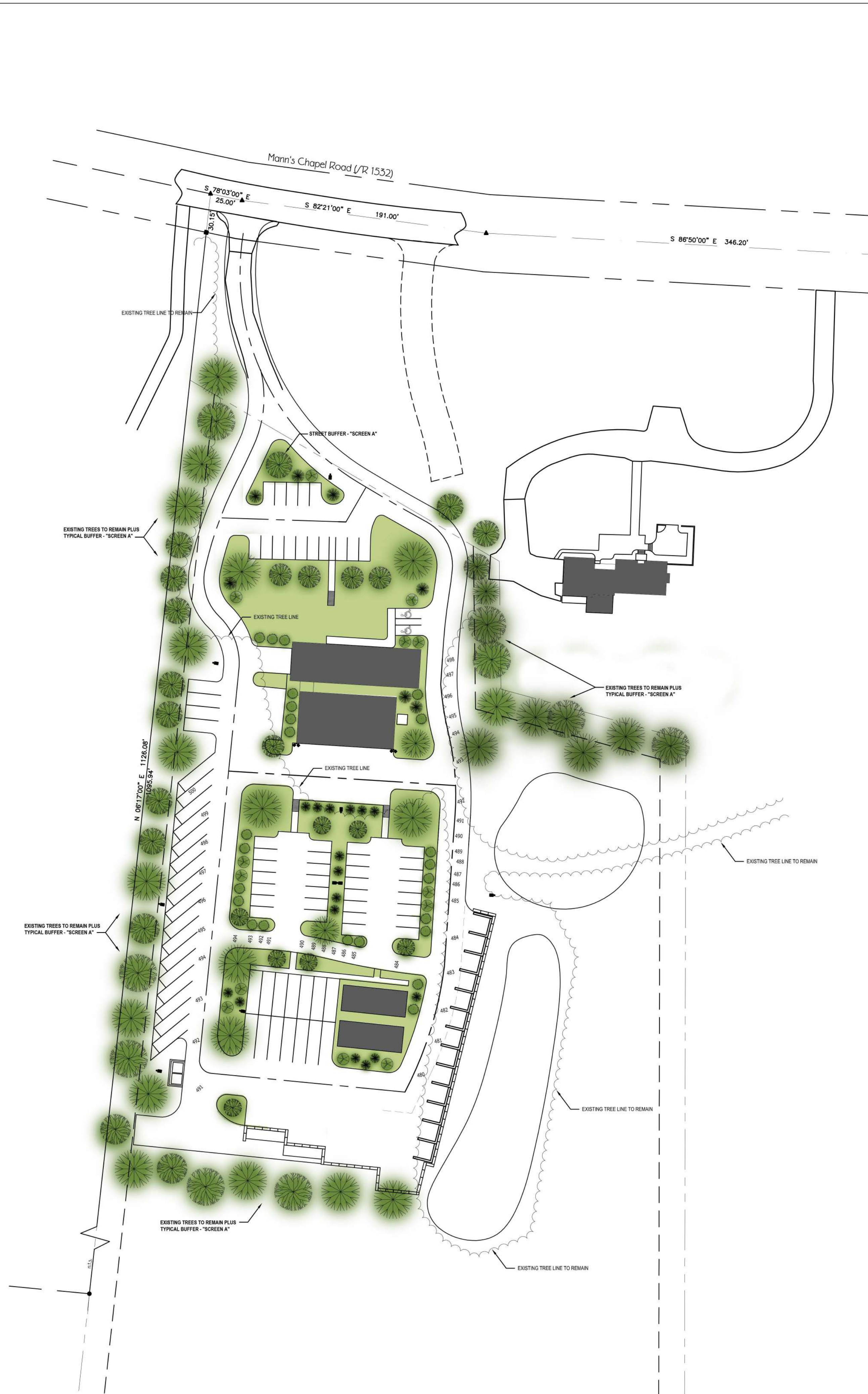
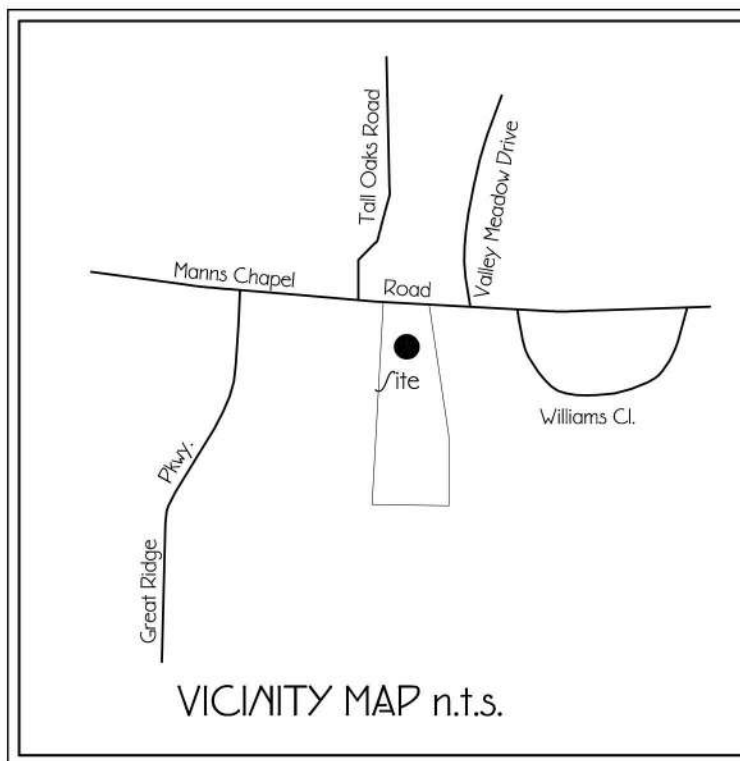


**CIRCULATION PATTERNS & SIGNAGE PLAN**  
**O'MARA LANDSCAPING OFFICE**  
 4590 MANN'S CHAPEL ROAD  
 CHATHAM COUNTY, NC

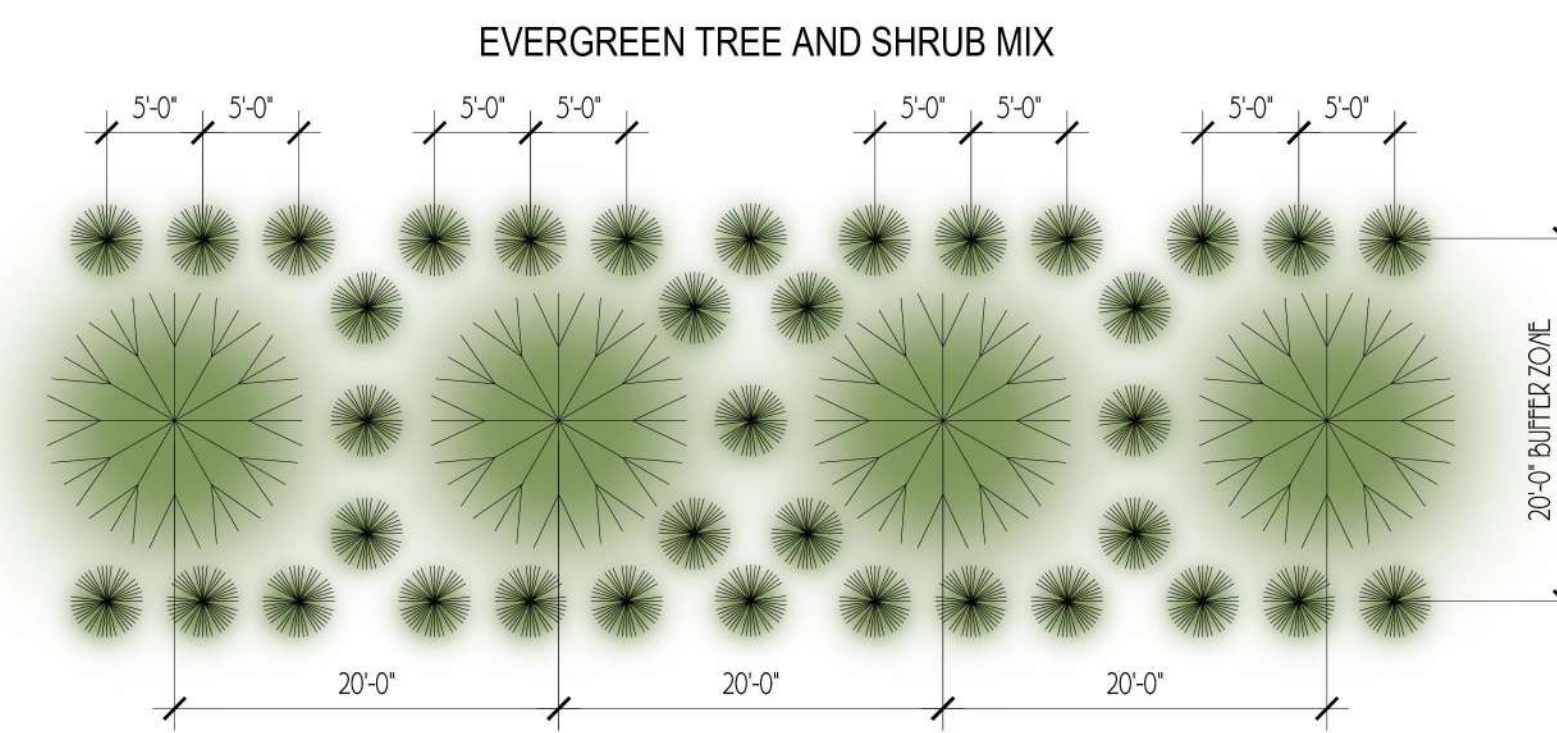


REVISIONS	
1-10-18: Planning Department	Revisions
3-21-18: Planning Department	Revisions
DATE	12/13/2017
DRAWN	-
FILE #	1736

1-C102	VEHICULAR EMPLOYEE & VISITOR	2-C102	VEHICULAR SERVICE & DELIVERY	3-C102	PEDESTRIAN
1" = 50'		1" = 50'		1" = 50'	



3-C103 SITE - STREET VIEW



\*SCREEN A\* TREES @ 20' APART

TYPICAL BUFFER:  
 -SOUTHERN MAGNOLIA  
 -YALPON HOLLY  
 -SMALL ANISE TREE

STREET BUFFER:  
 -WILLOW OAK  
 -JAPANESE PAGODA TREE  
 -HYBRID ELM

BUFFER - "SCREEN A"

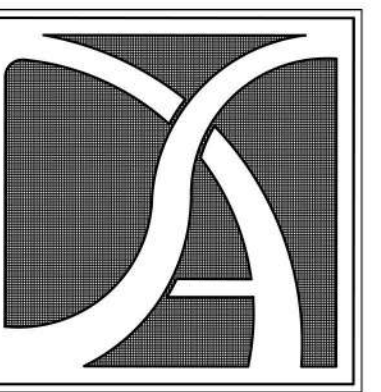
TYPICAL EVERGREENS USED IN COMBINATION WITH WALLS AND BERMS. 20' MINIMUM SPACING BETWEEN TREE TRUNKS, WITH EVERGREEN SHRUBS SPACED A MINIMUM OF 5' ON CENTER.

\*SCREEN A\* SHRUBS @ 5' APART

-GARDENIA  
 -HOLLY TEA OLIVE  
 -CHINESE FRINGE-FLOWER

TYPICAL GROUNDCOVER

-JAPANESE SEDGE  
 -DWARF MONDO GRASS



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LANDSCAPE PLAN & SPECIFICATIONS  
 O'WARA LANDSCAPING OFFICE  
 4550 MANN'S CHAPEL ROAD  
 CHATHAM COUNTY, NC



REVISIONS	
DATE	3/21/2018
DRAWN	-
FILE #	1736

C103  
 SHEET - OF -

1-C103 LANDSCAPE PLAN

1" = 50'

2-C103 LANDSCAPE SPECIFICATION & PLANT LIST