

STARPOINT - REFUEL MARKET

1950 US HWY 15-501 N
CHAPEL HILL, NC 27516

CONCEPT PLAN

PROJECT NUMBER: RFM-21002
DATE: APRIL 26, 2022

SITE DATA		
PIN	9776-68-0129	
SITE AREA	51,403 SF / 1.18 AC	
ZONING	EXISTING	NC; R-LD1
	PROPOSED	NC
RIVER BASIN	CAPE FEAR	
WATERSHED	JORDAN LAKE - UPPER NEW HOPE	
WATERSHED PROTECTION	N/A	
EXISTING USE	COMMERCIAL	
PROPOSED USE	COMMERCIAL	
IMPERVIOUS	EXISTING	0.89 AC (75.4%)
	MAX ALLOWED	0.83 AC (70.0%)
	PROPOSED	+/- 0.68 AC (57.6%)
BUILDING HEIGHT	ALLOWED	34' AT SETBACK, 60' AT CORE
	PROPOSED	+/- 27'
PARKING	REQUIRED	9 SPACES (1 PER 375 GSF)
	PROPOSED	10 SPACES
ACCESSIBLE PARKING	REQUIRED	1 SPACE (1 PER 25 TOTAL SPACES)
	PROPOSED	1 SPACE
BICYCLE PARKING	REQUIRED	8 SPACES (MIN 4; ADDITIONAL PER 2,500 SF OF FLOOR AREA)
	PROPOSED	8 SPACES

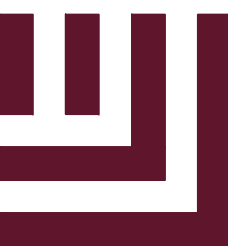


VICINITY MAP
1" = 300'



SHEET INDEX	
C0.01	AREA MAP
C1.00	EXISTING CONDITIONS
C1.01	EXISTING VEGETATION
C2.00	SITE PLAN

ADDITIONAL SHEETS	
01	RENDERED SITE PLAN



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CLIENT

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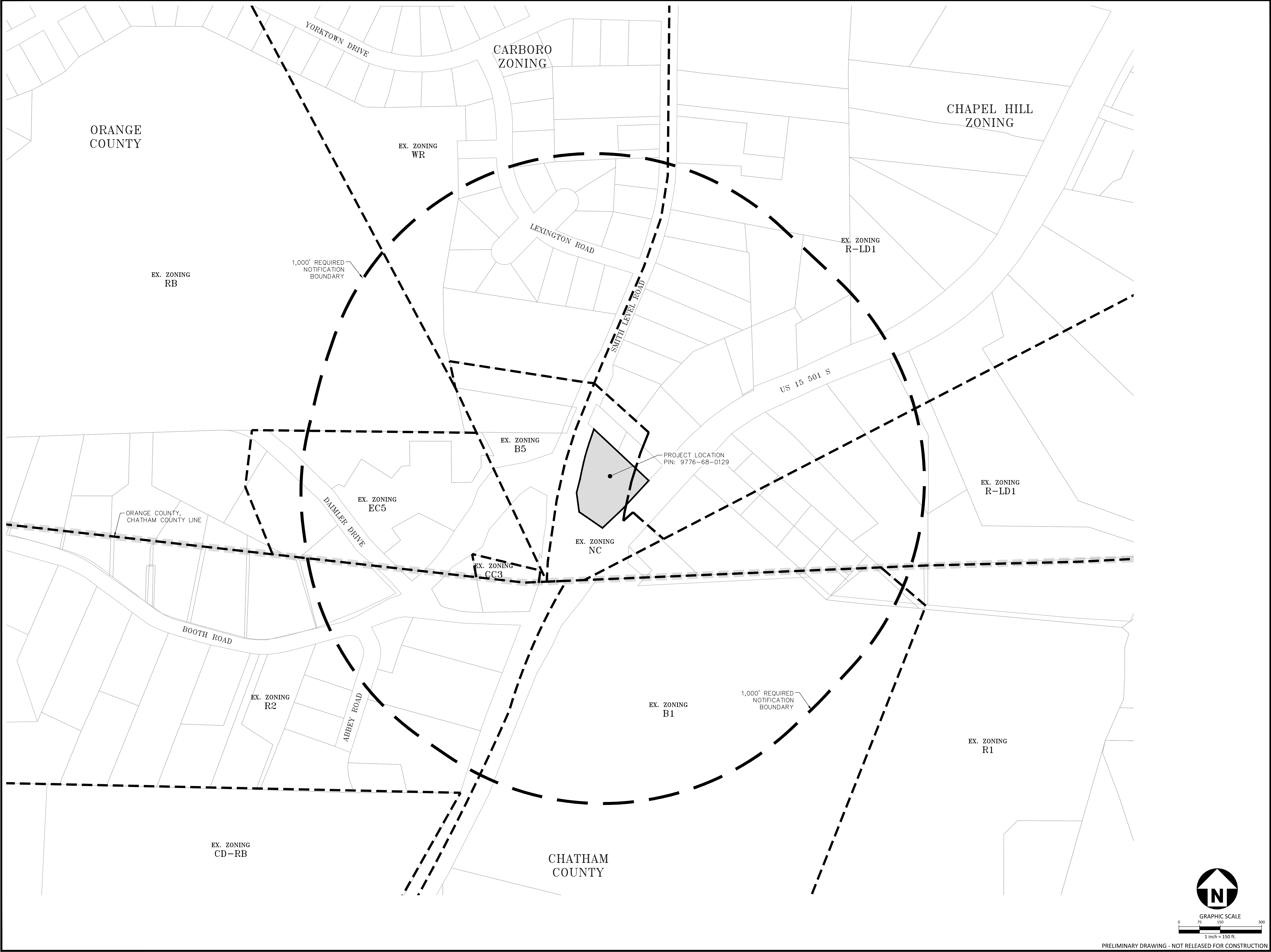


PROJECT DIRECTORY

REVISIONS	
NO.	DATE
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PROJECT NUMBER: RFM-21002



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1950 US HWY 15-501 N
CHAPEL HILL, NC 27516

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PLAN INFORMATION

PROJECT NO.	RFM-21002
FILENAME	RFM21002-AM1
CHECKED BY	SJC
DRAWN BY	WHM
SCALE	1" = 150'
DATE	04. 26. 2022

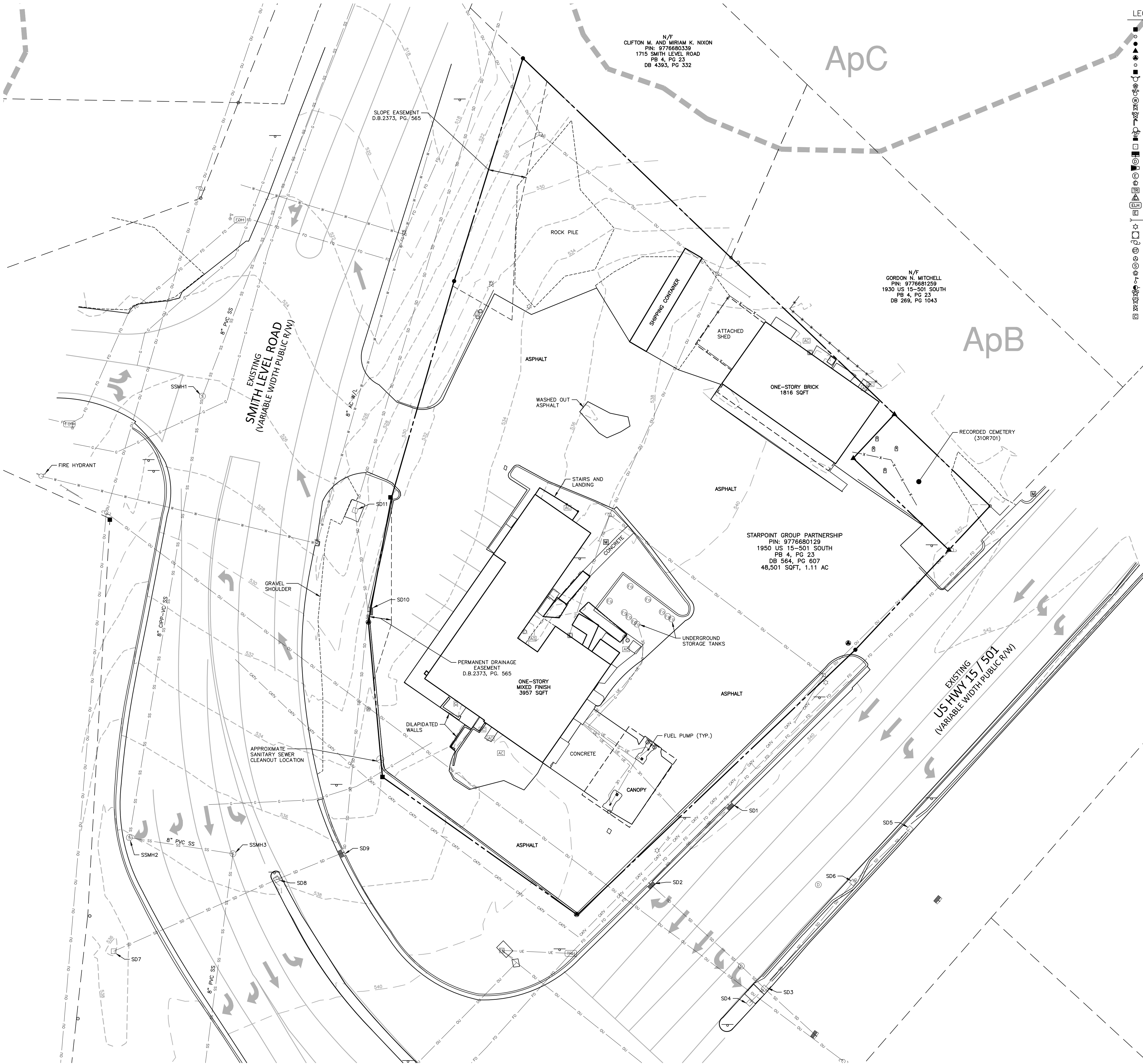
SHEET

AREA MAP

C0.01

PRELIMINARY DRAWING - NOT RELEASED FOR CONSTRUCTION

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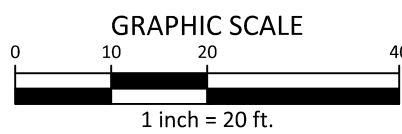
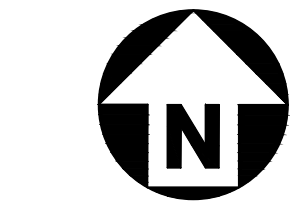
LEGEND

- | | | |
|---------------------------|-----|-------------------------------|
| CONCRETE MONUMENT | THH | CATV HANDHOLE |
| EXISTING IRON PIPE | TUH | TELEPHONE HANDHOLE |
| IRON PIPE SET | THH | TELEPHONE BOX |
| CALCULATED POINT | THH | TELEPHONE MANHOLE |
| RW DISC | THH | TELEPHONE PEDESTAL |
| REBAR | THH | FIBER OPTIC MARKER |
| RIGHT-OF-WAY MONUMENT | THH | FIBER OPTIC HANDHOLE |
| FIRE HYDRANT | THH | UNKNOWN MANHOLE |
| WATER METER | THH | UNKNOWN UTILITY PEDESTAL |
| BACKFLOW PREVENTER | THH | BURIED CABLE WARNING POST |
| WATER MANHOLE | THH | TRAFFIC SIGNAL BOX |
| WATER VALVE | THH | SIGNAL POLE |
| BLOW OFF VALVE | THH | TRAFFIC HANDHOLE |
| HOSEBIB | THH | BOLLARD |
| FIRE DEPT. CONNECTION | THH | AIR CONDITIONER |
| SPRINKLER HEAD | THH | MAILBOX |
| DRAINAGE INLET/YARD INLET | THH | UNDERGROUND FUEL TANK ACCESS |
| CL CATCH BASIN AT BC | THH | GRAVESTONE |
| STORM DRAIN MANHOLE | THH | GAS LINE |
| FES | THH | WATER LINE |
| ELECTRIC MANHOLE | THH | SEWER LINE |
| ELECTRIC METER | THH | STORM LINE |
| ELECTRIC TRANSFORMER | THH | FENCE |
| ELECTRIC PEDESTAL | THH | HANDRAIL |
| ELECTRIC HANDHOLE | THH | CANOPY/BUILDING OVERHANG |
| ELECTRIC BOX | THH | UNDERGROUND TV CABLE |
| GUY WIRE | THH | UNDERGROUND ELECTRIC LINE |
| LIGHT POLE | THH | UNDERGROUND FIBER OPTIC CABLE |
| TOWER | THH | WOOD LINE/LANDSCAPING |
| POWER/UTILITY POLE | THH | |
| GREASE TRAP MANHOLE | THH | |
| CLEAN OUT | THH | |
| SEWER MANHOLE | THH | |
| GAS SERVICE METER | THH | |
| GAS MARKER | THH | |
| GUY POLE | THH | |
| GAS REGULATOR | THH | |
| GAS TEST STATION | THH | |
| GAS VALVE | THH | |
| CABLE TV BOX | THH | |

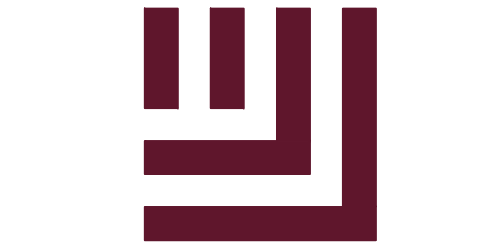
SD1-CB TOP=539.5' INV IN=FULL OF DEBRIS INV OUT (SW)=537.4' (12" RCP)	SD6-DI TOP=540.7' INV IN (NE)=537.8' (15" RCP) INV OUT (SW)=537.8' (15" RCP)	SSMH1 TOP=526.21' INV=COULD NOT OBTAIN
SD2-CB TOP=541.1' INV IN (NE)=535.0' (12" RCP) INV OUT (SE)=535.1' (15" RCP)	SD7-DI TOP=536.4' INV OUT (NW)=532.5' (18" RCP)	SSMH2 TOP=536.11' INV=526.30'
SD3-DI TOP=540.8' INV IN (NW)=536.6' (15" RCP) INV IN (SW)=536.8' (15" RCP) INV IN (NE)=536.6' (15" RCP) INV OUT (SE)=536.6' (18" RCP)	SD8-DI TOP=537.6' BOTTOM OF BOX=531.6' FULL OF DEBRIS AT TIME OF SURVEY	SSMH3 TOP=537.26' INV=524.74'
SD4-DI TOP=540.9' INV OUT (NE)=538.0' (15" RCP)	SD9-CB TOP=536.9' INV IN (SW)=531.1' (15" RCP) INV OUT (N)=531.1' (15" DIP)	
SD5-DI TOP=541.1' INV OUT (SW)=538.3' (15" RCP)	SD10-CB TOP=533.1' INV IN (S)=523.5' (15" DIP) INV OUT (NW)=523.5' (15" DIP)	
	SD11-DI TOP=526.8' INV IN (S)=519.2' (15" DIP) INV OUT=519.1' (15" DIP)	

SOIL TYPE CLASSIFICATION

- ApC: APPLING SANDY LOAM, 6 TO 10 PERCENT SLOPE
ApB: APPLING SANDY LOAM, 2 TO 6 PERCENT SLOPE



PRELIMINARY DRAWING - NOT RELEASED FOR CONSTRUCTION



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PLAN INFORMATION

PROJECT NO.	RFM-21002
FILENAME	RFM21002-XC1
CHECKED BY	SJC
DRAWN BY	WHM
SCALE	1" = 20'
DATE	04. 26. 2022

SHEET

EXISTING CONDITIONS

C1.00



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EXISTING VEGETATION

C1.01

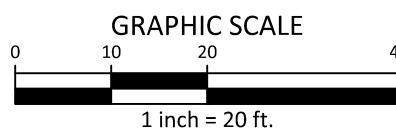


- | | |
|---|-------------------------------|
|  | CATV HANDHOLE |
|  | TELEPHONE HANDHOLE |
|  | TELEPHONE BOX |
|  | TELEPHONE MANHOLE |
|  | TELEPHONE PEDESTAL |
|  | FIBER OPTIC MARKER |
|  | FIBER OPTIC HANDHOLE |
|  | UNKNOWN MANHOLE |
|  | UNKNOWN UTILITY PEDESTAL |
|  | BURIED CABLE WARNING POST |
|  | TRAFFIC SIGNAL BOX |
|  | SIGNAL POLE |
|  | TRAFFIC HANDHOLE |
|  | BOLLARD |
|  | AIR CONDITIONER |
|  | SIGN |
|  | MAILBOX |
|  | UNDERGROUND FUEL TANK ACCESS |
|  | GRAVESTONE |
|  | GAS LINE |
|  | WATER LINE |
|  | SEWER LINE |
|  | STORM LINE |
|  | FENCE |
|  | HANDRAIL |
|  | CAN/BUILDING OVERHANG |
|  | UNDERGROUND TV CABLE |
|  | UNDERGROUND ELECTRIC LINE |
|  | UNDERGROUND FIBER OPTIC CABLE |
|  | WOOD LINE/LANDSCAPING |

- | | | |
|---|---|--|
| S01-CB
TOP=539.57'
INV IN (SW)=537.4' (12°
RCP) | S06-DI
TOP=540.7'
INV IN (NE)=537.8' (15°
RCP)
INV OUT (SW)=537.8' (15°
RCP) | SSMH1
TOP=528.21'
INV=COULD NOT OBTAIN |
| S02-CB
TOP=541.0'
INV IN (NE)=535.0' (12°
RCP)
INV OUT (SE)=535.1' (15°
RCP) | S07-DI
TOP=536.4'
INV OUT (NW)=532.5' (18°
RCP) | SSMH2
TOP=538.11'
INV=526.30' |
| S03-DI
TOP=540.8'
INV IN (NW)=536.6' (15°
RCP)
INV IN (SW)=536.8' (15°
RCP)
INV IN (NE)=536.6' (15°
RCP)
INV OUT (SE)=536.6' (18°
RCP) | S08-DI
TOP=537.6'
BOTTOM OF BOX=531.6'
FULL OF DEBRIS AT TIME OF
SURVEY | SSMH3
TOP=537.26'
INV=526.74' |
| S04-DI
TOP=540.9'
INV OUT (NE)=538.0' (15°
RCP) | S09-CB
TOP=536.9'
INV IN (SW)=531.1' (15°
RCP)
INV OUT (N)=531.1' (15°
RCP) | |
| S05-DI
TOP=541.1'
INV OUT (SW)=538.3' (15°
RCP) | S10-CB
TOP=533.1'
INV IN (S)=523.5' (15°
DIP)
INV OUT (NW)=523.5' (15°
DIP) | |
| | S11-DI
TOP=526.8'
INV IN (S)=523.5' (15°
DIP)
INV OUT=519.1' (15° DIP) | |

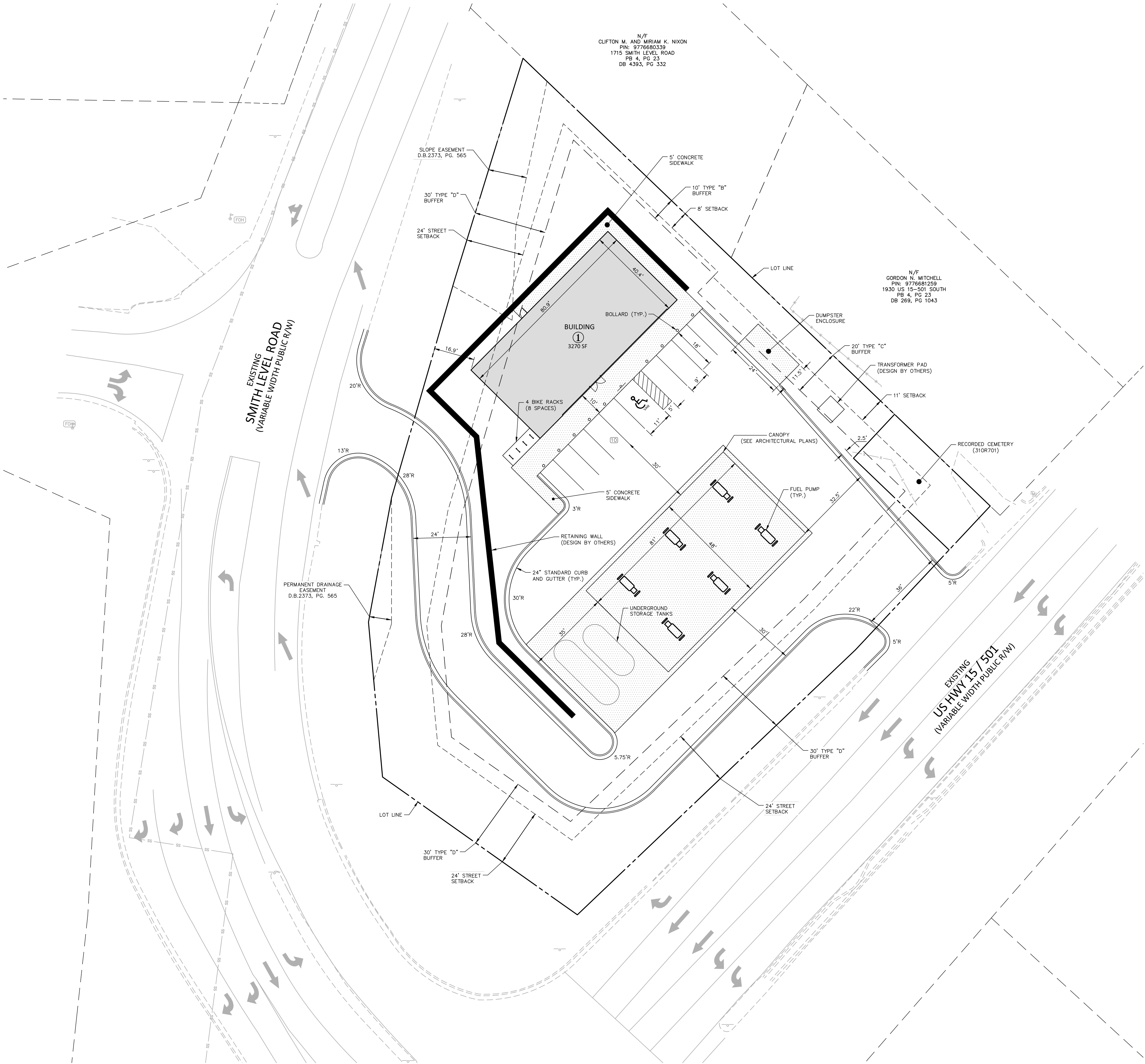
SOIL TYPE CLASSIFICATION

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 ApC: APPLING SANDY LOAM, 6 TO 10 PERCENT SLOPE
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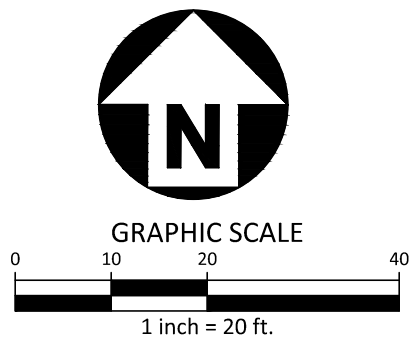


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SITE LEGEND	
	SIGNAGE
	YARD LIGHTS
	LIGHT POLE
	POWER POLE
	TRAFFIC DIRECTIONAL ARROW
	ACCESSIBLE PARKING STALL
	VAN ACCESSIBLE PARKING STALL
	PARKING SPACE COUNT
	ACCESSIBLE RAMPS
	ACCESSIBLE ROUTE
	PHASE LINE
	PROPERTY LINE
	RIGHT-OF-WAY LINE
	LOT LINE
	EASEMENT LINE
	CENTERLINE
	CONCRETE PAVEMENT



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PLAN INFORMATION	
PROJECT NO.	RFM-21002
FILENAME	RFM21002-S1
CHECKED BY	SJC
DRAWN BY	WHM
SCALE	1" = 20'
DATE	04. 26. 2022

SHEET
C2.00





FRONT ELEVATION

REFUEL MARKET

STARPOINT - CHAPEL HILL, NC

