



Ecclesiastes

7 : (8-14)

PROJECT LOCATION

6213 WILKINSON BLVD
SOUTH POINT TOWNSHIP, GASTON COUNTY, NORTH CAROLINA
(Adjacent parcel to Whiteside Industrial Properties)

DEVELOPED BY

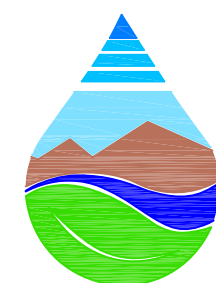
Ecclesiastes 7: 8-14 LLC

AREA: 68,784 SQ.FT. OR 1.579 ACRES
TAX PARCEL: 185780 and 185766
REFERENCE: DEED BOOK 5178, PAGE 240

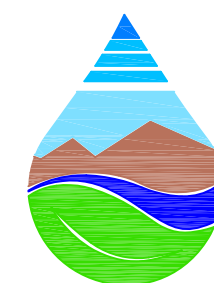
CIVIL DESIGN BY

EXCEL CIVIL & ENVIRONMENTAL ASSOCIATES, PLLC

625 HUNTSMAN COURT
GASTONIA, NC 28054



ENGINEER OF RECORD IS AARON C. LONG, P.E.
CONTACT: AARON C. LONG, P.E.
EMAIL: along@excelengr.com



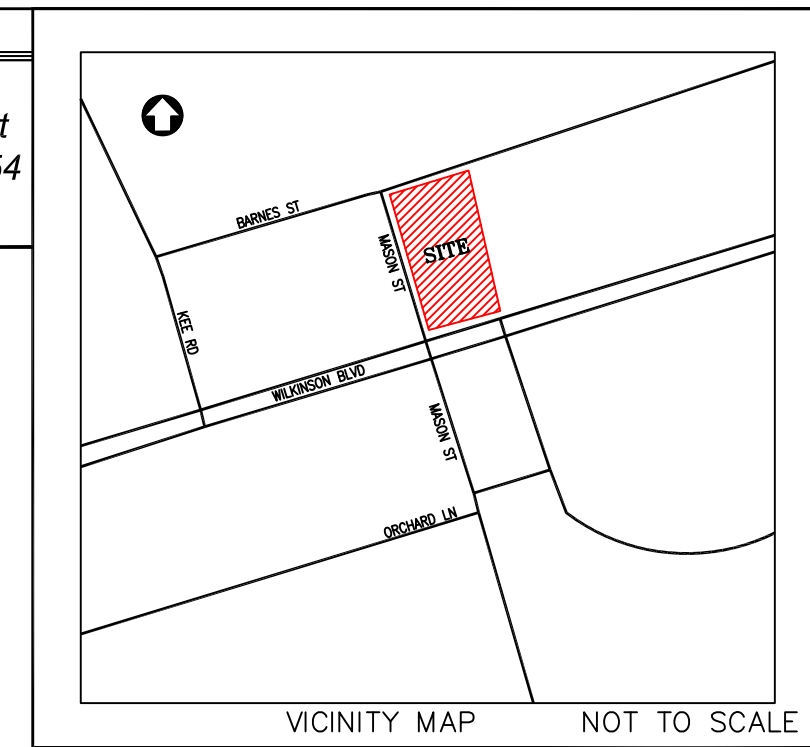
NC # 046987

NOTE:

ALL CONSTRUCTION ACTIVITIES, AS PROPOSED, FOR THIS PROJECT SHALL CONFORM TO THE CITY OF BELMONT LAND DEVELOPMENT STANDARDS MANUAL. ANY MODIFICATIONS TO THE APPROVED SET OF DRAWINGS REQUIRES APPROVAL FROM BOTH THE DESIGN ENGINEER (AARON LONG, PE) AND THE CITY OF BELMONT (AUTHORITY HAVING JURISDICTION).

AARON LONG, PE SHALL HAVE SOLE RESPONSIBILITY OF THE RECORD ENGINEER FOR THIS PROJECT.

Owner / Developer/Contractor :	Civil Design by :
Ecclesiastes 7:8-14 LLC Now/Formerly: WHITESIDES INDUSTRIAL PROPERTIES 6213 WILKINSON BLVD, BELMONT NC 28212	ECEA 625 Huntsman Court Gastonia, N.C. 28054



625 HUNTSMAN COURT
GASTONIA, NC 28054
NC LICENSE NO. P-0129
PHONE: (704) 853-0800
FAX: (704) 853-3949
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PROJECT No. : 2022104

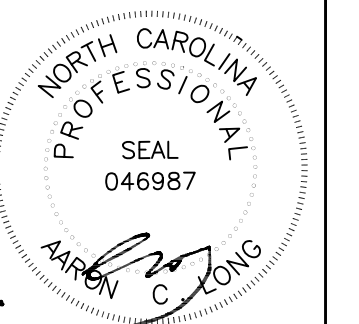
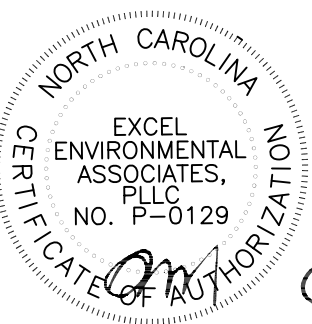
DRAWN BY. : BJPJ

CHECKED BY. : ACL

DATE. : 10.20.2022

SCALE. : NOT TO SCALE

Ecclesiastes
7: 8-14 LLC



10/20/2022

SHEET INDEX

- | | |
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| C2 | ACTUAL SURVEY INSERT |
| C3 | OVERALL SITE PLAN |
| C4 | 2022 AERIAL OF PROPERTY |

F:\JOBS\2022104 WHITESIDE PROPERTIES 6213 WILKINSON BLVD PARKING LOT\CONSTRUCTION DWG\SKETCHPLAN

Date of Revisions

SHEET 1 OF 4
COVER



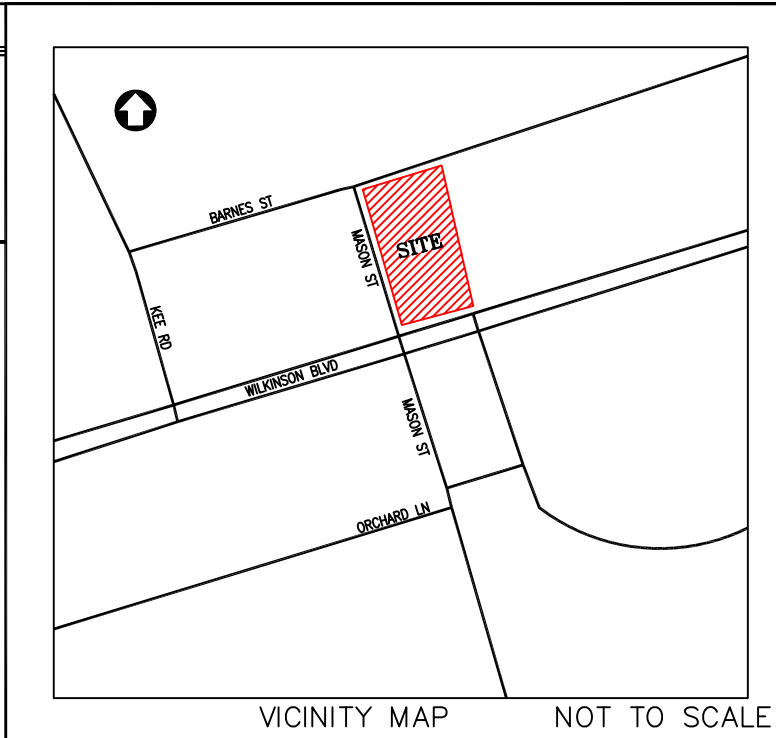
TYPE A BUFFER
Minimum width: 30 ft
a. Intermittent planting of deciduous and evergreen trees shall obtain a height at maturity of no less than 20 feet and have no unobstructed openings wider than 20 feet between tree canopies at the time of installation.
b. At the time of installation, shrub plantings shall have a minimum height of three feet and have no unobstructed openings wider than four feet.
c. At least 50% of the required trees, and at least 75% of the required shrubs, shall be evergreen species locally adapted to the area.
d. Where a natural buffer exists, it is to remain undisturbed. If the existing conditions of the buffer do not meet requirements of Type A landscaping, supplemental planting may be required by the planning director, if allowable by the jurisdiction governing the natural resource buffer.

TYPE B BUFFER
a. This type functions as a semi-opaque screen from the ground to at least a height of four (4) feet for screening of car lights and glare.
b. Shrub plantings shall have no unobstructed openings wider than four (4) feet at the time of installation.
c. At least 75 % of the required shrubs shall be evergreen species locally adapted to the area.
d. All side yard parking areas in the Downtown and Neighborhood Center-Commercial districts shall be screened from the sidewalk by low walls, fences, or constructed as a continuation of the building wall a minimum of three (3) feet in height.
e. The use of existing vegetation to satisfy this requirement is encouraged.

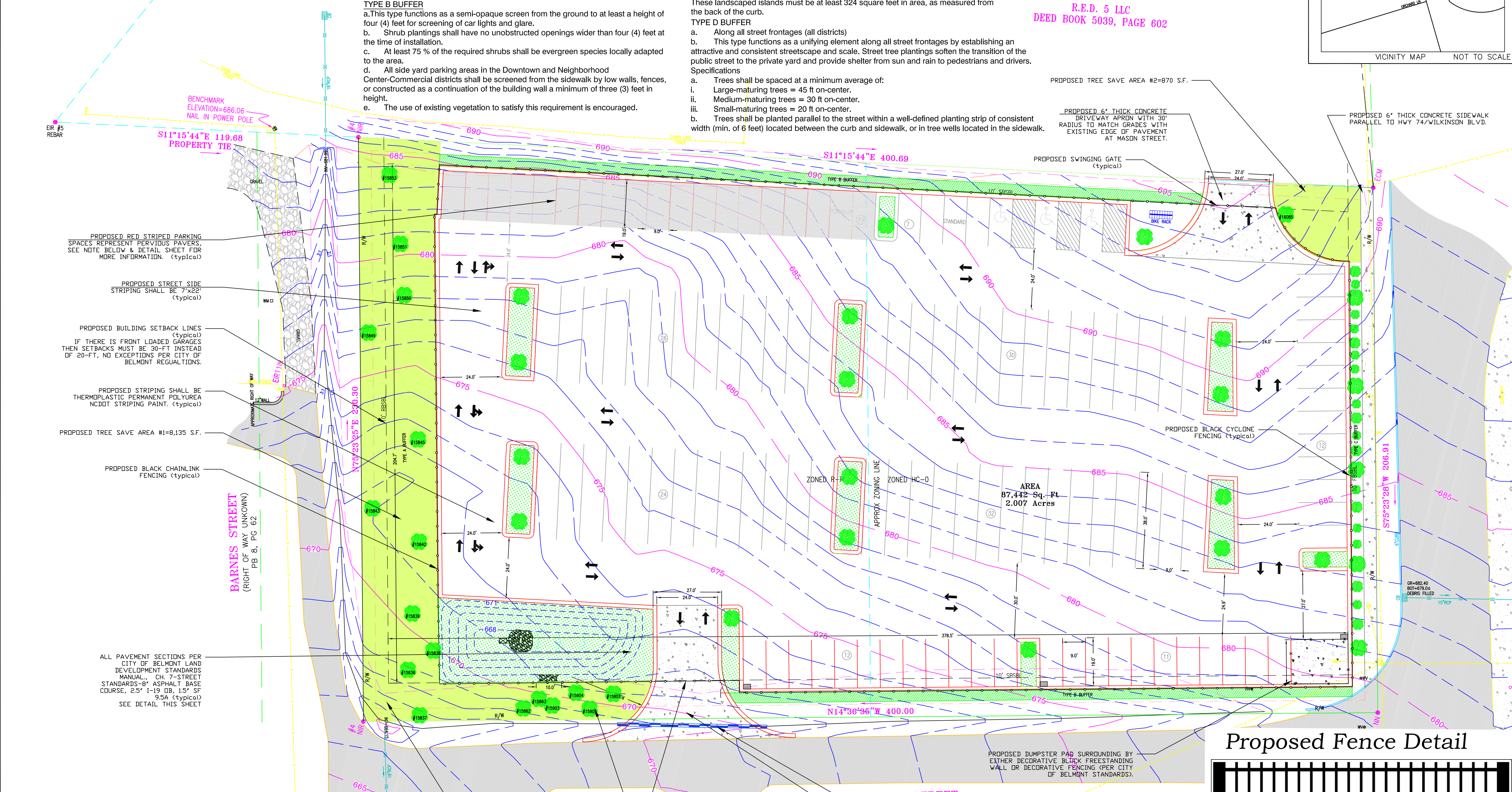
TYPE C BUFFER
a. Type C landscaping functions as a tree ceiling over a parking area providing shelter from sun and rain and minimizing the impact of runoff.
b. Large maturing canopy trees shall be planted in a manner that provides shade for the entire parking area at maturity.
c. No parking space shall be more than 60 ft from the base of a canopy tree at planting.
d. All rows of parking must terminate with landscaped islands that are at least nine ft wide, and at least as long as the adjacent parking space.
e. Islands at the end of a single row of parking shall be at least 18 ft long and must contain at least one shade tree that is at least 3" in caliper at the time of planting.
f. Islands at the end of a double row of parking must be at least 36 ft long and must contain at least two shade trees that are at least 3" in caliper when planted. These landscaped islands must be at least 324 square feet in area, as measured from the back of the curb.
TYPE D BUFFER
a. Along all street frontages (all districts)
b. This type functions as a unifying element along all street frontages by establishing an attractive and consistent streetscape and scale. Street tree plantings soften the transition of the public street to the private yard and provide shelter from sun and rain to pedestrians and drivers. Specifications
a. Trees shall be spaced at a minimum average of:
i. Large-maturing trees = 45 ft on-center.
ii. Medium-maturing trees = 30 ft on-center.
iii. Small-maturing trees = 20 ft on-center.
b. Trees shall be planted parallel to the street within a well-defined planting strip of consistent width (min. of 6 feet) located between the curb and sidewalk, or in tree wells located in the sidewalk.

Owner / Developer/Contractor :
Ecclesiastes 7:8-14 LLC
Now/Formerly:
WHITESIDES INDUSTRIAL PROPERTIES
6213 WILKINSON BLVD, BELMONT NC 28212

Civil Design by :
ECEA
625 Huntsman Court
Gastonia, N.C. 28054



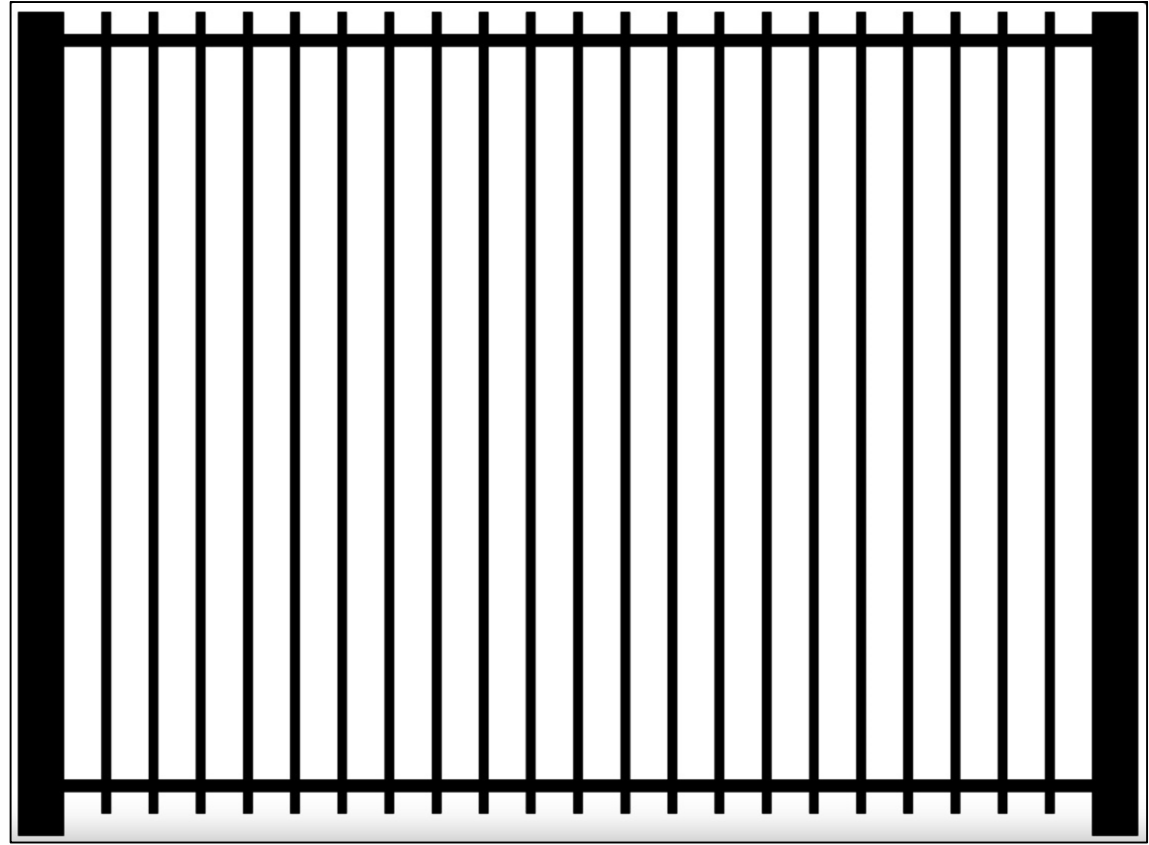
R.E.D. 5 LLC
DEED BOOK 5039, PAGE 602



9.1 OFF-STREET PARKING AREA DESIGN SPECIFICATIONS
IN ORDER TO MINIMIZE THE IMPACT OF LARGE EXPANSES OF IMPERVIOUS SURFACES ON THE ENVIRONMENT, 5% OF THE PARKING SPACES OF ALL LOTS IN EXCESS OF 36 SPACES SHALL BE CONSTRUCTED USING PERVIOUS PAVEMENT SYSTEMS ((70,397 S.F.) X 5%=3,520 S.F.=21 SPACES). THIS FIGURE SHALL BE CALCULATED ON A DEVELOPMENT-WIDE BASIS. THE PERVIOUS MATERIAL MUST BE PROPERLY MAINTAINED, USING A TECHNIQUE FOUND IN THE NCDEQ STORMWATER BMP MANUAL.
FOR LARGE LOTS (MORE THAN 36 SPACES), LANDSCAPING SHALL BE AT THE PERIMETER AND THE INTERIOR. IN LARGE LOTS, THE LANDSCAPING SHALL BE PLACED TO BREAK THE LOT INTO PARKING MODULES OF NOT MORE THAN THIRTY-SIX SPACES. THE PERIMETER YARD OF ALL PARKING LOTS SHALL BE SCREENED WITH A TYPE B (SEMI-OPAQUE SCREEN) IN ACCORDANCE WITH 11.2 (B). THE INTERIOR YARD OF ALL PARKING AREAS SHALL BE LANDSCAPED WITH TYPE C (INTERIOR PLANTINGS) IN ACCORDANCE WITH 11.2 (C).

TREE SAVE AREA REQUIREMENTS:
TOTAL TREE SAVE AREA CALCULATIONS
TOTAL TREE SAVE AREA=8,175 SF + 870 SF = 9,045 S.F.
TOTAL AREA OF DEVELOPMENT=87,442 X 10 % = 8,744 S.F. REQUIRED,
TOTAL TREE SAVE AREA PROVIDED = 9,045 S.F.

Proposed Fence Detail



Excel Civil & Environmental Associates
Quality • Reliability • Integrity • Sustainability

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PHONE: (704) 853-0800
FAX: (704) 853-3949
WEB: www.excelengr.com

PROJECT No. : 2022104

DRAWN BY. : BJPJ

CHECKED BY. : ACL

DATE. : 10.20.2022

SCALE. : 1" = 20'-0"

Ecclesiastes

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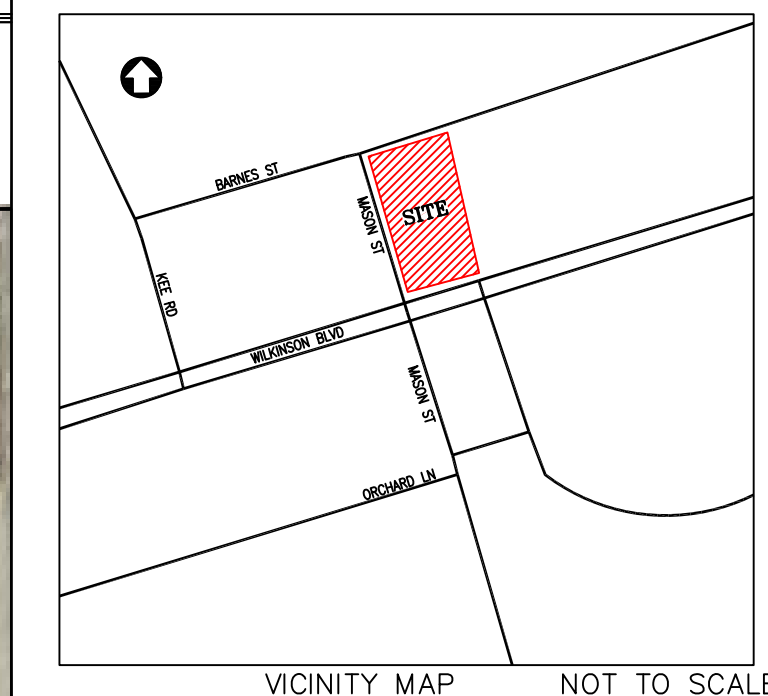
NORTH CAROLINA
EXCEL
ENVIRONMENTAL
ASSOCIATES,
P.L.L.C.
NO. P-0129
CERTIFICATE OF AUTHORIZATION

NORTH CAROLINA
PROFESSIONAL
SEAL
046987
ANGEL C. ZHONG
10/20/2022

Date of Revisions

SHEET 3 OF 4

SITEPLAN



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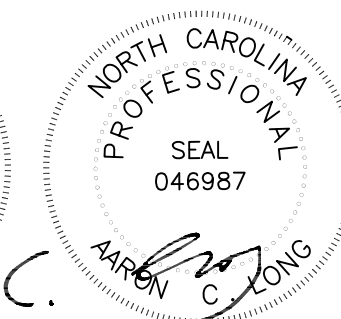
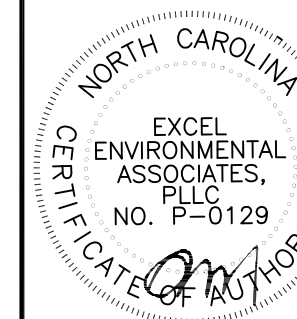
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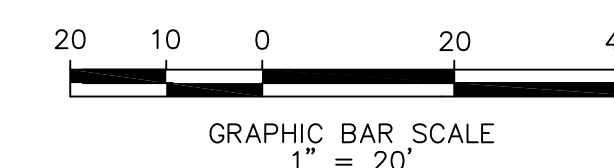
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ENVIRONMENTAL NOTES:

PROPERTY CONTAINS NO FLOODPLAINS; WETLAND; ROCK OUTCROPPINGS; PERENNIAL STREAMS, NATURAL DRAINAGEWAYS, LAKES OR OTHER WATER BODIES. A TREE SURVEY HAS BEEN COMPLETED BY HARTWOOD TREE DATED JULY 18, 2022 WITH TREE INVENTORY SHOWN ON SITE SURVEY. A SEARCH WAS COMPLETED IN GASTON COUNTY AND NORTH CAROLINA DATABASES AND IDENTIFIED NO KNOWN ENDANGERED SPECIES ASSOCIATED WITH THE SUBJECT PARCELS.



F:\JOBS\2022\104 WHITESIDE PROPERTIES 6213 WILKINSON BLVD PARKING LOT\CONSTRUCTION DWG\SKETCHPLAN

Date of Revisions

SHEET 4 OF 4

2022 AERIAL