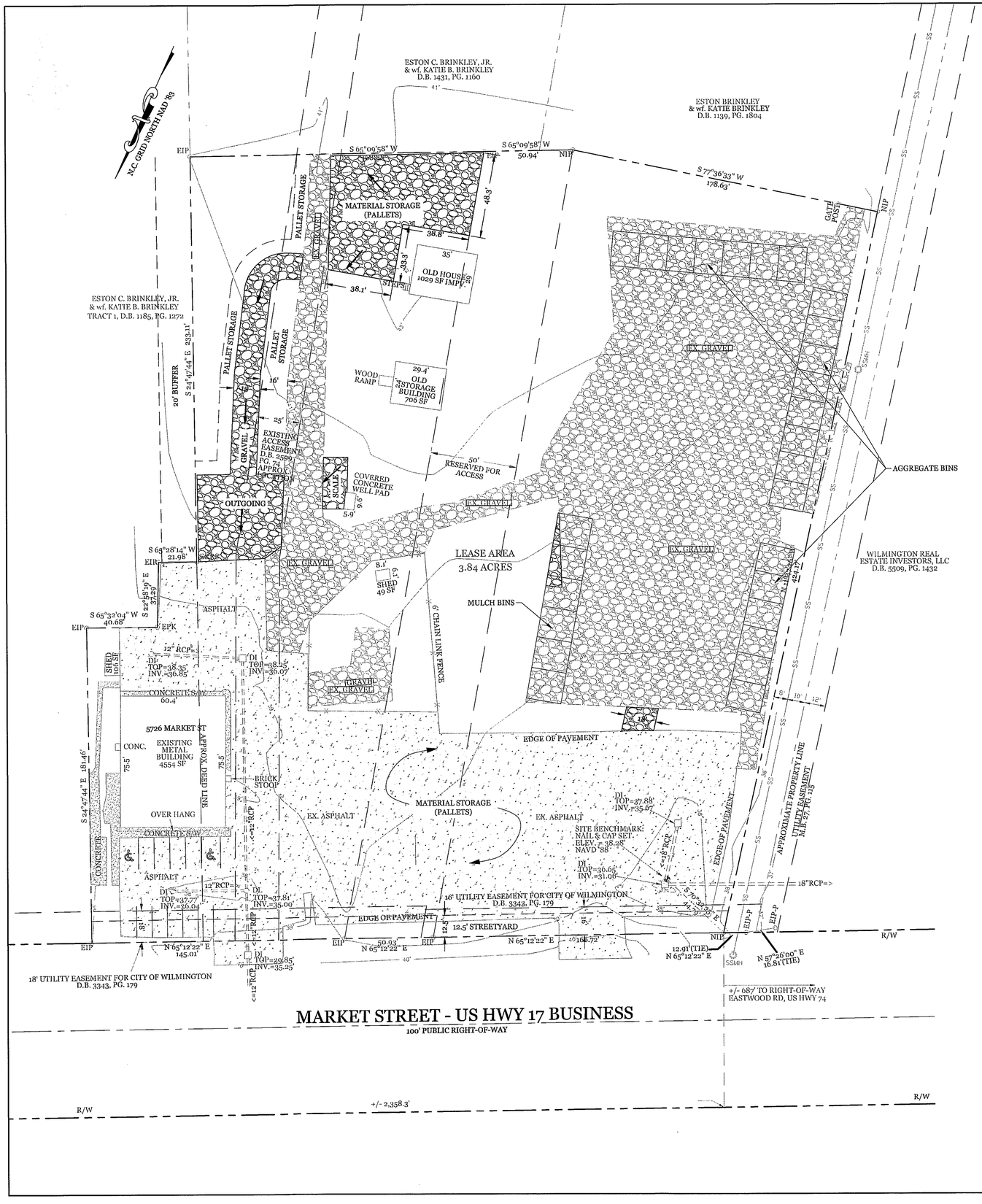


SITE DATA:
LEASE AREA IS PART OF THE FOLLOWING
NEW HANOVER COUNTY PINS:
R05009-005-007-000 (5710 MARKET ST.)
R05009-005-006-000 (5720 MARKET ST.)
R05009-005-005-000 (5730 MARKET ST.)

PROPERTY OWNED BY:
ESTON & KATIE BRINKLEY
5730 Market Street
Wilmington, NC 28405

TOTAL LEASE AREA: 3.84 AC (167,405 SF)
ZONING: RB (REGIONAL BUSINESS)

EXISTING IMPERVIOUS SURFACES:

BUILDINGS =	6,444 SF
SIDEWALKS =	1,719 SF
CONCRETE PADS =	70 SF
ASPHALT =	44,263 SF
GRAVEL =	49,233 SF
TOTAL =	101,729 SF

PROPOSED IMPERVIOUS SURFACES:

GRAVEL=	9,999 SF
TOTAL EX.+PROP.=	111,728 SF

PERCENT IMPERVIOUS:
111,728 SF / 167405 SF = 66.7%

PARKING REQUIRED: 12 SPACES (2 H.C.)
PARKING PROVIDED: 12 SPACES (2 H.C.)

EX. 4,554 SF BUILDING BREAKDOWN:
2,225 SF OFFICE USE
2,329 SF WAREHOUSE USE

20' BUFFER PROVIDED BY BRINKLEY

SURVEY NOTES:
1. LEASE AREA, TOPOGRAPHIC, AND IMPERVIOUS AREA SURVEY PERFORMED BY SHERWIN D. CRIBB PLS L-109 ON AUG. 12, 2015 AND REVISED AUG. 13, 2015.
2. ALL DISTANCES SHOWN ARE HORIZONTAL GROUND MEASURED IN FEET UNLESS OTHERWISE NOTED.
3. SURVEY DOES NOT GUARANTEE ANY UNDERGROUND UTILITIES AND/OR STRUCTURES LOCATIONS. FIELD VERIFY UTILITY LOCATIONS WITH THE PUBLIC MUNICIPALITY BEFORE DIGGING!
4. PURPOSE OF THIS SURVEY IS TO DEPICT THE EXISTING IMPERVIOUS SURFACES INSIDE THE LEASE AREA AS OF THE DATE OF THIS SURVEY.
5. TOPOGRAPHIC DATA SHOWN HEREON IS FROM AN ACTUAL FIELD SURVEY. BENCHMARK ESTABLISHED VIA GPS OBSERVATION. DATUM: NAVD '88.
6. THE PREMISES SURVEYED IS LOCATED WITHIN A NON-FLOOD HAZARD AREA (ZONE 'X') ACCORDING TO THE FLOOD INSURANCE RATE MAP OF CITY OF WILMINGTON, NORTH CAROLINA (COMMUNITY PANEL No. 370171 3148 J REVISED APRIL 3, 2006).
7. 20' BUFFER AT EASTERN PROPERTY LINE TO BE SUPPLEMENTED AS NECESSARY.

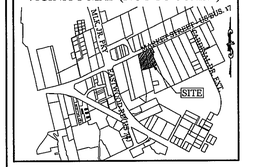
SITE WORK NOTES:
1. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS BOTH ON AND ADJACENT TO THE SITE.
2. CLEARING: CONTRACTOR SHALL REMOVE ALL TREES AND VEGETATION WITHIN LIMITS OF CONSTRUCTION UNLESS OTHERWISE DESIGNATED TO REMAIN.
3. GRUBBING AND STRIPPING: CONTRACTOR SHALL RAKE AND REMOVE ROOTS, STUMPS, VEGETATION, DEBRIS, EXISTING STRUCTURES ABOVE AND BELOW GRADE, ORGANIC MATERIAL OR ANY OTHER UNSUITABLE MATERIAL WITHIN LIMITS OF CONSTRUCTION.
4. MUCKING: CONTRACTOR SHALL COORDINATE WITH OWNER AND THEIR GEOTECHNICAL REPRESENTATIVE TO COORDINATE REMOVAL OF ANY SOFT AREAS.
5. DISPOSAL: CLEARED, GRUBBED, STRIPPED OR OTHER WASTE MATERIAL SHALL BE REMOVED FROM SITE AND DISPOSED OF IN A PROPERLY PERMITTED FACILITY.
6. FILL AND COMPACTION SHOULD COMPLY WITH GEOTECHNICAL RECOMMENDATIONS.
7. THE CONTRACTOR SHALL NOTE THAT THE GRADING PLAN MAY NOT REPRESENT A BALANCED EARTHWORK CONDITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CUT AND FILL QUANTITIES AND COMPLETE INSTALLATION TO SPECIFIED GRADES.
8. THE CONTRACTOR SHALL FURNISH SUITABLE BORROW MATERIAL FROM AN OFF-SITE PROPERLY PERMITTED FACILITY AS REQUIRED.
9. INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXACT ELEVATIONS AND LOCATIONS OF ALL EXISTING UTILITIES AT ALL CROSSINGS PRIOR TO COMMENCING TRENCH EXCAVATION. IF ACTUAL CLEARANCES ARE LESS THAN INDICATED ON PLAN, THE CONTRACTOR SHALL CONTACT THE DESIGN ENGINEER BEFORE PROCEEDING WITH CONSTRUCTION. ANY CONDITION DISCOVERED OR EXISTING THAT WOULD NECESSITATE A MODIFICATION OF THESE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN ENGINEER BEFORE PROCEEDING WITH CONSTRUCTION.
10. NO CONSTRUCTION IS TO BEGIN BEFORE LOCATION OF EXISTING UTILITIES HAS BEEN DETERMINED. CALL "NC ONE-CALL" AT LEAST 48 HOURS BEFORE COMMENCING CONSTRUCTION.
11. THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES DURING CONSTRUCTION. BEFORE COMMENCING ANY EXCAVATIONS IN OR ALONG ROADWAYS OR RIGHT-OF-WAYS, PUBLIC AREAS OR IN PRIVATE EASEMENTS, THE CONTRACTOR SHALL NOTIFY ALL APPROPRIATE PERSONNEL OF THEIR INTENT TO EXCAVATE, IN WRITING, NOT LESS THAN 10 DAYS PRIOR TO EXCAVATING.
12. THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE DISCONNECTION/ RECONNECTION AND/OR THE RELOCATION OF ALL EXISTING UTILITIES WITH APPROPRIATE PERSONNEL.
13. CONTRACTOR SHALL ADJUST ALL MANHOLES, VALVE & CURB BOXES TO FINAL GRADE UPON COMPLETION OF ALL CONSTRUCTION. ANY BOXES DAMAGED OR OTHERWISE DISTURBED BY THE CONTRACTOR SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR.
14. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AT THE SITE. FURTHERMORE THE CONTRACTOR SHALL REPORT ALL DISCREPANCIES OR QUESTIONS TO THE ENGINEER PRIOR TO INSTALLATION.
15. THE CONTRACTOR SHALL PROVIDE ANY AND ALL LAYOUT REQUIRED TO CONSTRUCT HIS WORK UNLESS OTHERWISE DIRECTED BY OWNER.
16. ALL AREAS SHALL BE GRADED FOR POSITIVE DRAINAGE. CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO INSTALLATION. ALL AREAS SHALL BE SLOPED TO DRAIN AWAY FROM BUILDINGS AT ALL TIMES.

RECEIVED
SEP 2 2015
PLANNING DIVISION

LEGEND
PROPERTY LINE
CONTOUR
CENTER LINE
EASEMENT
RUNOFF FLOW DIRECTION
EXISTING GRAVEL
PROPOSED GRAVEL

CITY OF WILMINGTON NORTH CAROLINA
Public Services • Engineering Division
APPROVED DRAINAGE PLAN
Date:_____ Permit #_____
Signed: _____

30' 15' 0' 30' 60'
Scale: 1"=30'

VICINITY MAP (NOT TO SCALE):


REVISIONS

INTRACOASTAL ENGINEERING, PLLC
5725 Oleander Dr. Unit E-7
Wilmington, North Carolina 28403
Phone: 910.859.8983
Email: Charlie@intracoastalengineering.com
License Number: P-0662

GRADING, DRAINAGE, AND STORMWATER PLAN
FOR
STONE GARDEN
5726 MARKET ST,
WILMINGTON, NC 28405

NORTH CAROLINA
PROFESSIONAL ENGINEER
032558
CHARLES D. CAZIER
PRELIMINARY NOT FOR CONSTRUCTION
DRAWINGS ARE FOR REVIEW PURPOSES ONLY
FOR CONSTRUCTION

CLIENT INFORMATION:
Stone Garden NC, LLC
Nina C Brown
6955 Market Street
Wilmington, NC 28411
Ph. 910-538-0109

DRAWN:	JAE	SHEET SIZE:	24x36
CHECKED:	CDC	DATE:	8/31/2015
APPROVED:	CDC	SCALE:	1" = 30'
PROJECT NUMBER:		2015-034	

DRAWING NUMBER:
C-1
1 OF 1

N.C. GRID NORTH NAD '83

LEGEND

- LEASE LINE
- RIGHT OF WAY
- EASEMENT
- SS SEWER
- FENCE
- PAVEMENT
- CONCRETE
- LOT CORNER

CLF	CHAIN LINK FENCE
CONC.	CONCRETE
DI	DRAINAGE/DROP INLET
DUE	DRAINAGE & UTILITY EASEMENT
EIP	EXISTING IRON PIPE
EIP-P	EXISTING IRON PIPE PINCHED
EIR	EXISTING IRON ROD
EP	EDGE OF PAVEMENT
EPK	EXISTING P K NAIL
IMPV	IMPERVIOUS
NIP	NEW IRON PIPE
PKS	P K NAIL SET
ERRS	EXISTING RAILROAD SPIKE
SSMH	SANITARY SEWER MANHOLE
S/W	SIDEWALK

ESTON C. BRINKLEY, JR.
& wf. KATIE B. BRINKLEY
D.B. 1431, PG. 1160

ESTON BRINKLEY
& wf. KATIE BRINKLEY
D.B. 1139, PG. 1804

ESTON C. BRINKLEY, JR.
& wf. KATIE B. BRINKLEY
TRACT 1, D.B. 1185, PG. 1272

WILMINGTON REAL
ESTATE INVESTORS, LLC
D.B. 5509, PG. 1432

EXISTING 20' BUFFER TO REMAIN
APP 7 - 1 NEW RED MAPLE (3'- 7gal)
APP 11 - 1 WAX MYRTLE (3'- 7gal)
EXISTING SCREEN
EXISTING & SCREENING
APP 11 - 1 WAX MYRTLE (3'- 7gal)
APP 1 - 1 NEW RED MAPLE (2" CAL)
* ALL EXISTING VEGETATION IN BUFFER ZONE TO REMAIN

GROVE OF EXISTING TREES TO REMAIN (MOSTLY OAKS)

EXISTING TREE CLUSTERS TO REMAIN

EXISTING TREES TO REMAIN

OLD HOUSE 1029 SF IMPV.

OLD STORAGE BUILDING 706 SF

WOOD RAMP

STEPS

12" OAK

24" OAK

14" PINE

GATE POST

GRAVEL

EXISTING ACCESS EASEMENT D.B. 2599 PG. 74 APPROX. LOCATION

COVERED CONCRETE WELL PAD

EXISTING RED CEDAR

5.9' Ø LIVE OAK

50' RESERVED FOR ACCESS

LEASE AREA
3.84 ACRES

EXISTING TREE CLUSTER

SHED 49 SF

EX. CHAIN LINK FENCE

EX. PINE

KEEP TREE CLUSTER

EXISTING PINES

NOTE: THESE TREES ARE BARELY ALIVE (8.27.15)

EDGE OF PAVEMENT

UTILITY EASEMENT M.B. 27, PG. 115

APPROXIMATE PROPERTY LINE

EXISTING LUSH PLANTINGS

ASPHALT

GRAVEL

EIP

EPK

NIP

SSMH

S 77°36'33" W 178.63'

S 65°09'58" W 168.88'

S 65°09'58" W 50.94'

S 65°32'04" W 40.68'

S 22°56'19" E 37.29'

S 03°28'19" W 21.98'

N 11°47'26" W 424.17'

S 24°47'44" E 181.46'

N 65°12'27" E 145.01'

N 65°12'27" E 40'166.72'

S 70°

N 57°20'00" E 16.81'(TIE)

12.91'(TIE)

12" RCP=>

DI TOP=38.35' INV.=36.85'

DI TOP=38.25' INV.=36.07'

DI TOP=37.88' INV.=35.67'

DI TOP=36.65' INV.=31.06'

DI TOP=37.77' INV.=36.04'

DI TOP=37.84' INV.=35.60'

DI TOP=39.55' INV.=35.10'

<=12"RCP

<=18"RCP

18"RCP=>

CONCRETE S/W 60.4'

CONC.

EXISTING METAL BUILDING 4554 SF

APPROX. DEED LINE

75.5'

BRICK STOOP

OVER HANG

CONCRETE S/W

ASPHALT

WATER METER

SITE BENCHMARK: NAIL & CAP SET ELEV. = 38.28' NAVD '88

SITE

LOCATION MAP NOT TO SCALE

N

GENERAL NOTES:
1) ALL DISTANCES SHOWN ARE HORIZONTAL GROUND MEASURED IN FEET UNLESS OTHERWISE NOTED.
2) SURVEY DOES NOT GUARANTEE ANY UNDERGROUND UTILITIES AND/OR STRUCTURES LOCATIONS. FIELD VERIFY UTILITY LOCATIONS WITH THE PUBLIC MUNICIPALITY BEFORE DIGGING!
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IMPERVIOUS SURFACES

BUILDINGS	=	6444 SF
SIDEWALKS	=	1719 SF
CONCRETE PADS	=	70 SF
ASPHALT	=	44,263 SF
GRAVEL	=	49,233 SF
TOTAL	=	101,729 SF

STONE GARDEN

STREET YARD LANDSCAPE PLANTING PLAN 8.27.15

BY

tracy mccullen
D·E·S·I·G·N
tracymccullen@gmail.com
910.279.1902

16' UTILITY EASEMENT FOR CITY OF WILMINGTON D.B. 3343, PG. 179

18' UTILITY EASEMENT FOR CITY OF WILMINGTON D.B. 3343, PG. 179

6 · DWARF BUFFORD HOLLY (30"-36")

3 · CRAPE MYRTLE (9'-12')

Note: Existing trees rearranged to be 15' On Center.

8 · BURGANDY LOROPETALUM (36"-48" · FULL)

18 · LIGUSTRUM (32"-36" BETWEEN TREES)

7 · CRAPE MYRTLE (9'-12' X 10' O/C)

7 · PALMETTO PALMS (10'-15' X FULL CANOPY)
(All Palms across front)

TOTALS

7 · TOTAL CANOPY TREES
13 · TOTAL UNDERSTORY TREES
38 · TOTAL MATURE SHRUBS

MARKET STREET - US HWY 17 BUSINESS
100' PUBLIC RIGHT-OF-WAY

+/- 687' TO RIGHT-OF-WAY EASTWOOD RD, US HWY 74

JUDGES ROAD

C/L

R/W

30.09'

+/- 2,358.3'

RECEIVED
SEP 2 2015
PLANNING DIVISION

LEASE AREA & IMPERVIOUS SURFACE LOCATION & TOPOGRAPHIC SURVEY
FOR
EASTON BRINKLEY
5710, 5720, 5730 MARKET STREET
WILMINGTON, NC 28405
HARNETT TOWNSHIP, NORTH CAROLINA
DATE : AUGUST 12, 2015
REVISED: AUGUST 13, 2015

0 30 60 90

NORTH CAROLINA PROFESSIONAL SEAL L-1099 LAND SURVEYOR SHERWIN D. CRIBB

SHERWIN D. CRIBB
NC PROFESSIONAL LAND SURVEYOR No. L-1099
1144 SHIPYARD BLVD
WILMINGTON, NC 28412
910-791-0080