

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)

CAMA LAND USE CLASSIFICATION: URBAN

DISTURBED AREA: 0.97 AC (42,400 SF)

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:
IMPERVIOUS GRAVEL = 9,508 SF
TOTAL EX. + PROP. = 111,237 SF

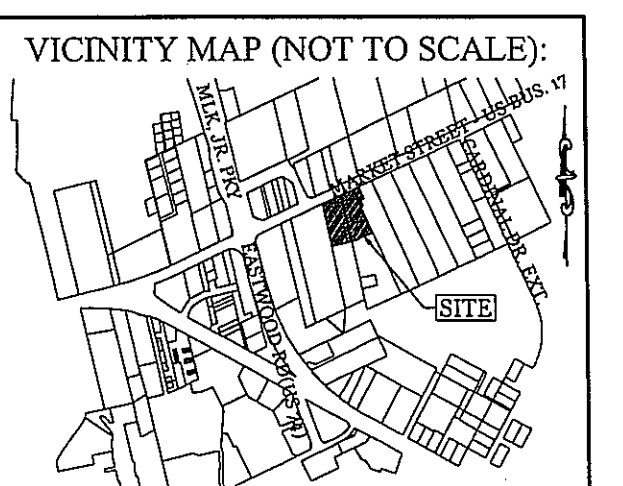
PERCENT IMPERVIOUS:
111,237 SF / 167,405 SF = 66.4%

PERVIOUS GRAVEL = 19,859 SF

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

STREET YARD REQUIREMENTS:
363 LF FRONTAGE - 78 FT OF DRIVEWAY
12.5' X 285 LF FRONTAGE = 3,562.5 SF
PROVIDED: 3,564 SF



REVISIONS

10/9/15	REVISED SITE LAYOUT UTILIZING PERVIOUS GRAVEL.
---------	------------------------------------------------

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

- SURVEY NOTES:**
- LEASE AREA, TOPOGRAPHIC, AND IMPERVIOUS AREA SURVEY PERFORMED BY SHERWIN D. CRIBB PLS L-109 ON AUG. 12, 2013 AND REVISED AUG. 13, 2015.
 - ALL DISTANCES SHOWN ARE HORIZONTAL GROUND MEASURED IN FEET UNLESS OTHERWISE NOTED.
 - SURVEY DOES NOT GUARANTEE ANY UNDERGROUND UTILITIES AND/OR STRUCTURES LOCATIONS. FIELD VERIFY UTILITY LOCATIONS WITH THE PUBLIC MUNICIPALITY BEFORE DIGGING!
 - PURPOSE OF THIS SURVEY IS TO DEPICT THE EXISTING IMPERVIOUS SURFACES INSIDE THE LEASE AREA AS OF THE DATE OF THIS SURVEY.
 - TOPOGRAPHIC DATA SHOWN HEREON IS FROM AN ACTUAL FIELD SURVEY. BENCHMARK ESTABLISHED VIA GPS OBSERVATION. DATUM: NAVD '88.
 - 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. 37071 3148 J REVISED APRIL 3, 2006).
 - 20' BUFFER AT EASTERN PROPERTY LINE TO BE SUPPLEMENTED AS NECESSARY.

- SITE WORK NOTES:**
- THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS BOTH ON AND ADJACENT TO THE SITE.
 - CLEARING: CONTRACTOR SHALL REMOVE ALL TREES AND VEGETATION WITHIN LIMITS OF CONSTRUCTION UNLESS OTHERWISE DESIGNATED TO REMAIN.
 - 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.
 - MUCKING: CONTRACTOR SHALL COORDINATE WITH OWNER AND THEIR GEOTECHNICAL REPRESENTATIVE TO COORDINATE REMOVAL OF ANY SOFT AREAS.
 - DISPOSAL: CLEARED, GRUBBED, STRIPPED OR OTHER WASTE MATERIAL SHALL BE REMOVED FROM SITE AND DISPOSED OF IN A PROPERLY PERMITTED FACILITY.
 - FILL AND COMPACTION SHOULD COMPLY WITH GEOTECHNICAL RECOMMENDATIONS.
 - 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.
 - THE CONTRACTOR SHALL FURNISH SUITABLE BORROW MATERIAL FROM AN OFF-SITE PROPERLY PERMITTED FACILITY AS REQUIRED.
 - 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.
 - NO CONSTRUCTION IS TO BEGIN BEFORE LOCATION OF UTILITIES HAS BEEN DETERMINED. CALL "NC ONE-CALL" AT LEAST 48 HOURS BEFORE COMMENCING CONSTRUCTION.
 - 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.
 - THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE DISCONNECTION/ RECONNECTION AND/OR THE RELOCATION OF ALL EXISTING UTILITIES WITH APPROPRIATE PERSONNEL.
 - 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.
 - 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.
 - THE CONTRACTOR SHALL PROVIDE ANY AND ALL LAYOUT REQUIRED TO CONSTRUCT HIS WORK UNLESS OTHERWISE DIRECTED BY OWNER.
 - 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.

- GENERAL NOTES:**
- MATERIALS/MERCHANDISE TO BE STORED ONLY AT LOCATIONS IDENTIFIED ON THIS PLAN.
 - NO PERMANENT STRUCTURES TO BE ERRECTED IN ACCESS EASEMENTS.
 - NO GRAVEL OR OTHER IMPERVIOUS BASE IS TO BE PLACED BENEATH THE PALLET.
 - VEHICULAR AND FORKLIFT TRAFFIC MUST BE LIMITED TO THE GRAVEL AREAS NOTED ON THIS PLAN.
- GENERAL TRAFFIC NOTES:**
- ANY BROKEN OR MISSING SIDEWALK PANELS, DRIVEWAY PANELS AND CURBING WILL BE REPLACED.
 - CONTACT TRAFFIC ENGINEERING AT 341-7888 FORTY-EIGHT HOURS PRIOR TO ANY EXCAVATION IN THE RIGHT OF WAY.
 - IF ANY LANDSCAPE ISLANDS ARE TO BE INSTALLED, PROTECTION FROM VEHICLES IS REQUIRED AROUND ALL LANDSCAPE AREAS WITHIN VEHICULAR AREAS.
 - PROPOSED GATES ARE TO SWING IN AND BE PROVIDED WITH KNOX STYLE LOCKS.

Approved Construction Plan

Name: _____ Date: 10/15/15

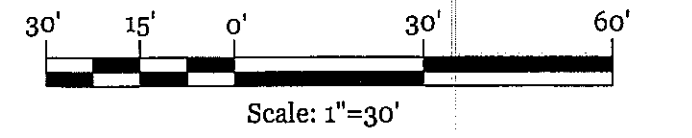
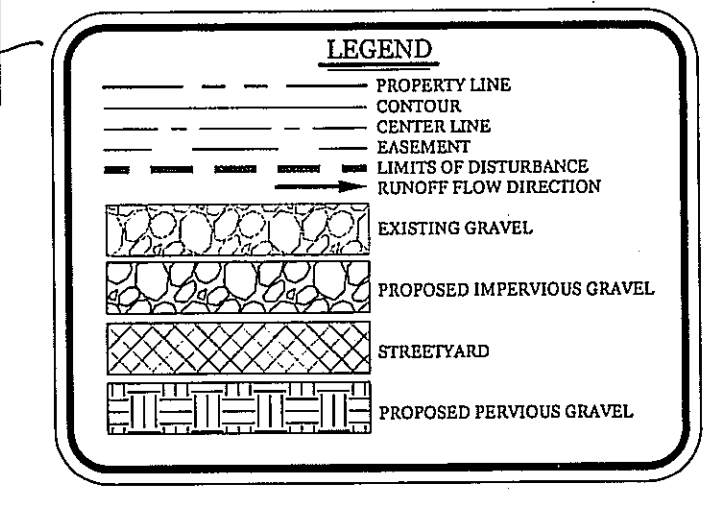
Planning: _____

Public Utilities: _____

Traffic: _____ 10-15-15

Fire: _____ 10-15-15

City of Wilmington
Public Services • Engineering Division
APPROVED DRAINAGE PLAN
Date: 10/15/15 Permit # 201503121
Signed: _____



GRADING, DRAINAGE, AND STORMWATER PLAN FOR STONE GARDEN

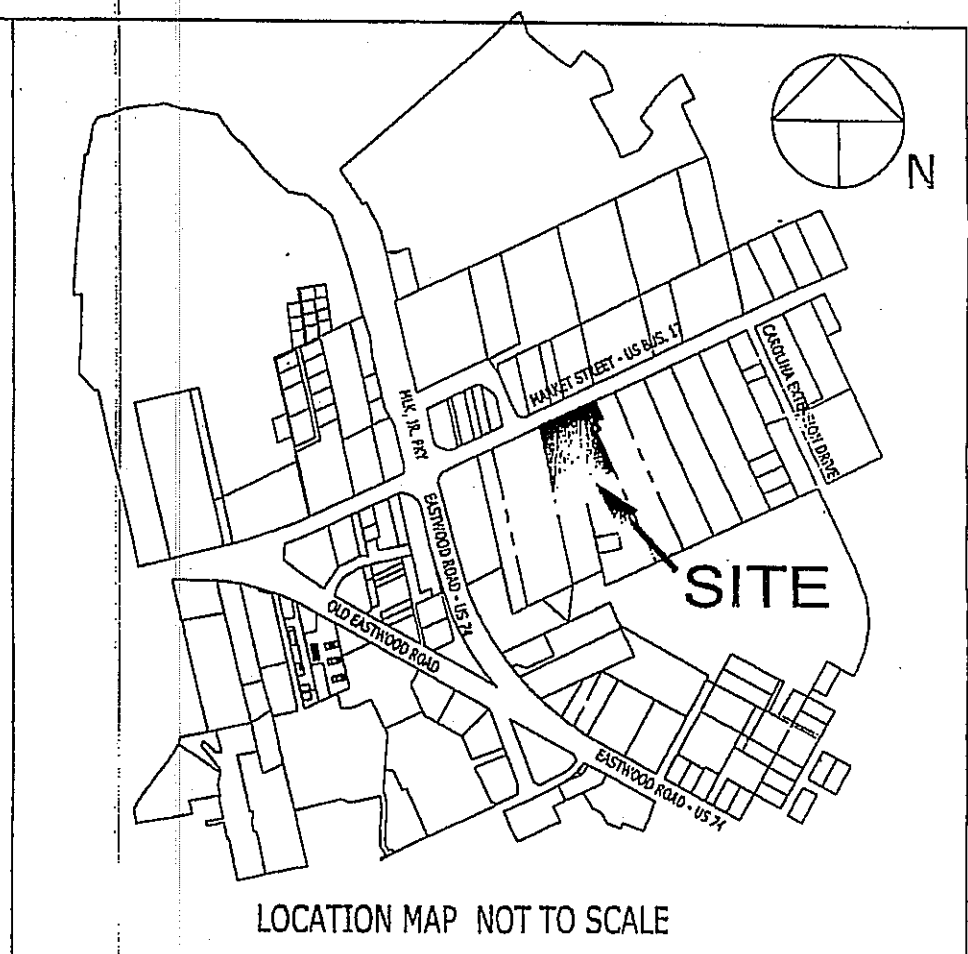
5726 MARKET ST., WILMINGTON, NC 28405

Professional Engineer Seal
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL
032555
CHARLES D. CALDER
9-18-15

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:	9/18/2015
APPROVED:	CDC	SCALE:	1" = 30'
PROJECT NUMBER:	2015-034		
DRAWING NUMBER:	C-1		



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!
 3) PURPOSE OF THIS SURVEY IS TO DEPICT THE EXISTING IMPERVIOUS SURFACES INSIDE THE LEASE AREA AS OF THE DATE OF THIS SURVEY.
 4) TOPOGRAPHIC DATA SHOWN HEREON IS FROM AN ACTUAL FIELD SURVEY. BENCHMARK ESTABLISHED VIA GPS OBSERVATION. DATUM: NAVD '88.

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).

IMPERVIOUS SURFACES

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

NINA BROWN
 STONE GARDEN
 5726 MARKET ST
 WILMINGTON, NC 28405
 nina@stonegarden-nc.com

RECEIVED
 SEP 2 2015
 PLANNING DIVISION

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

Approved Construction Plan
 Planning NAME: *[Signature]* DATE: 9/21/15
 Public Utilities: _____
 Traffic: *[Signature]* 9-21-15
 Fire: *[Signature]* 9-21-15

0 30 60 90

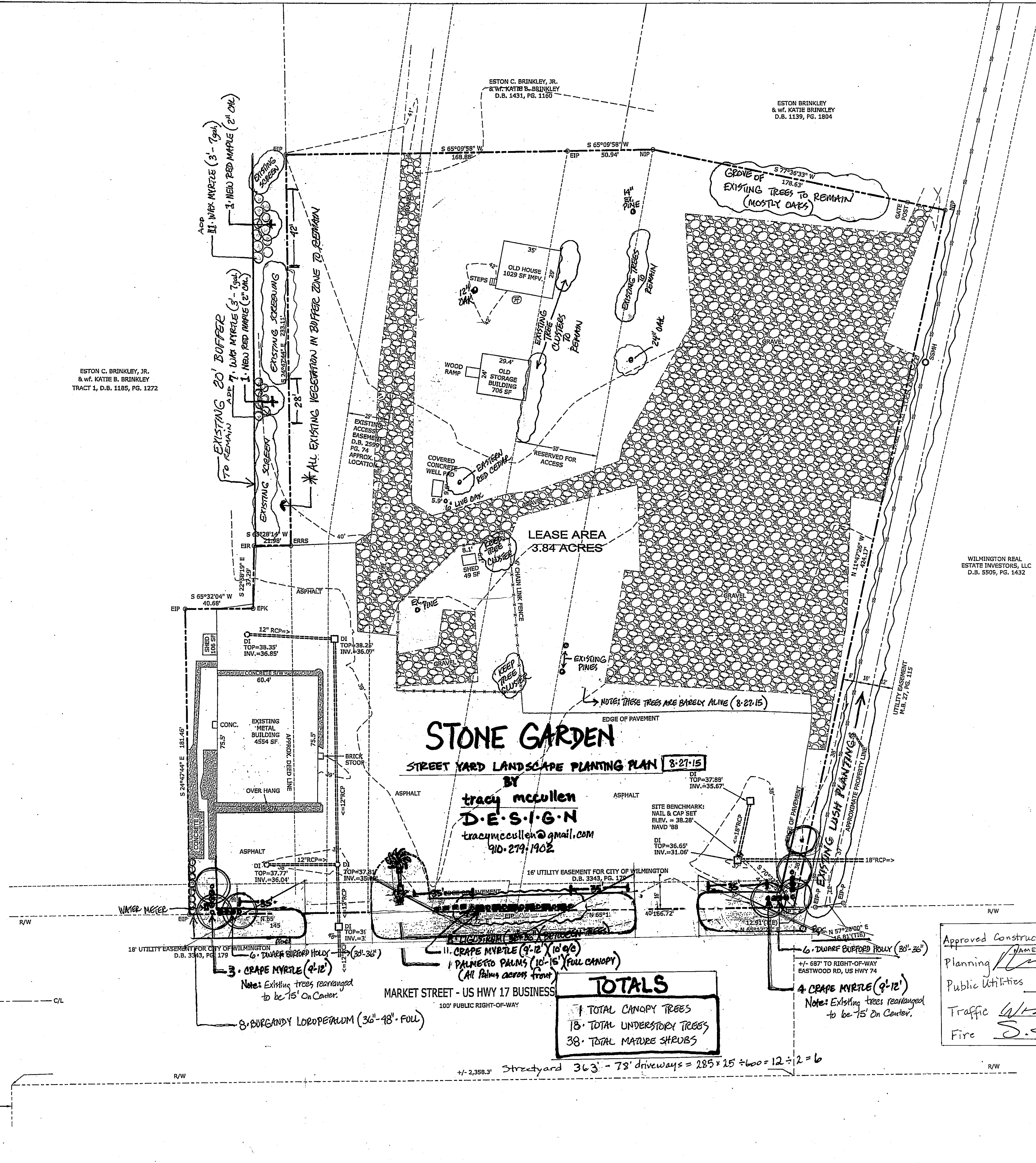
 SHERWIN D. CRIBB
 PROFESSIONAL LAND SURVEYOR No. L-1099
 1144 SHIPYARD BLVD
 WILMINGTON, NC 28412
 910-791-0080

- LEGEND**
- LEASE LINE
 - RIGHT OF WAY
 - BASEMENT
 - SEWER
 - FENCE
 - PAVEMENT
 - CONCRETE
 - LOT CORNER
 - CLF CHAIN LINK FENCE
 - CONC. CONCRETE
 - DI DRAINAGE/DROP INLET
 - DUE DRAINAGE & UTILITY BARBERMENT
 - 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
 - RRS EXISTING RAILROAD SPIKE
 - SBMH SANITARY SEWER MAINHOLE
 - SWW SIDEWALK

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

ESTON C. BRINKLEY, JR.
 & Wf. KATIE B. BRINKLEY
 D.B. 1431, PG. 1169

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



$4 \times 2,358.3' \text{ Streetyard } 36.3' - 73' \text{ driveways} = 285 \times 25 \div 600 = 12 \div 2 = 6$