

N:\\_S:\\_CADD\GIS - CNG Easy Street Shading\GREENVILLE CNG-GUC CNG EASY ST Easy Street Shading\BRONDS-LS-RP-15 @ 4:58:05 PM

## WORK BY OTHERS (JONES & FRANK)

GENERAL SCOPE OF WORK: Provide and install all equipment necessary for Compressed Natural Gas System as more specifically described below:

### Equipment Compound

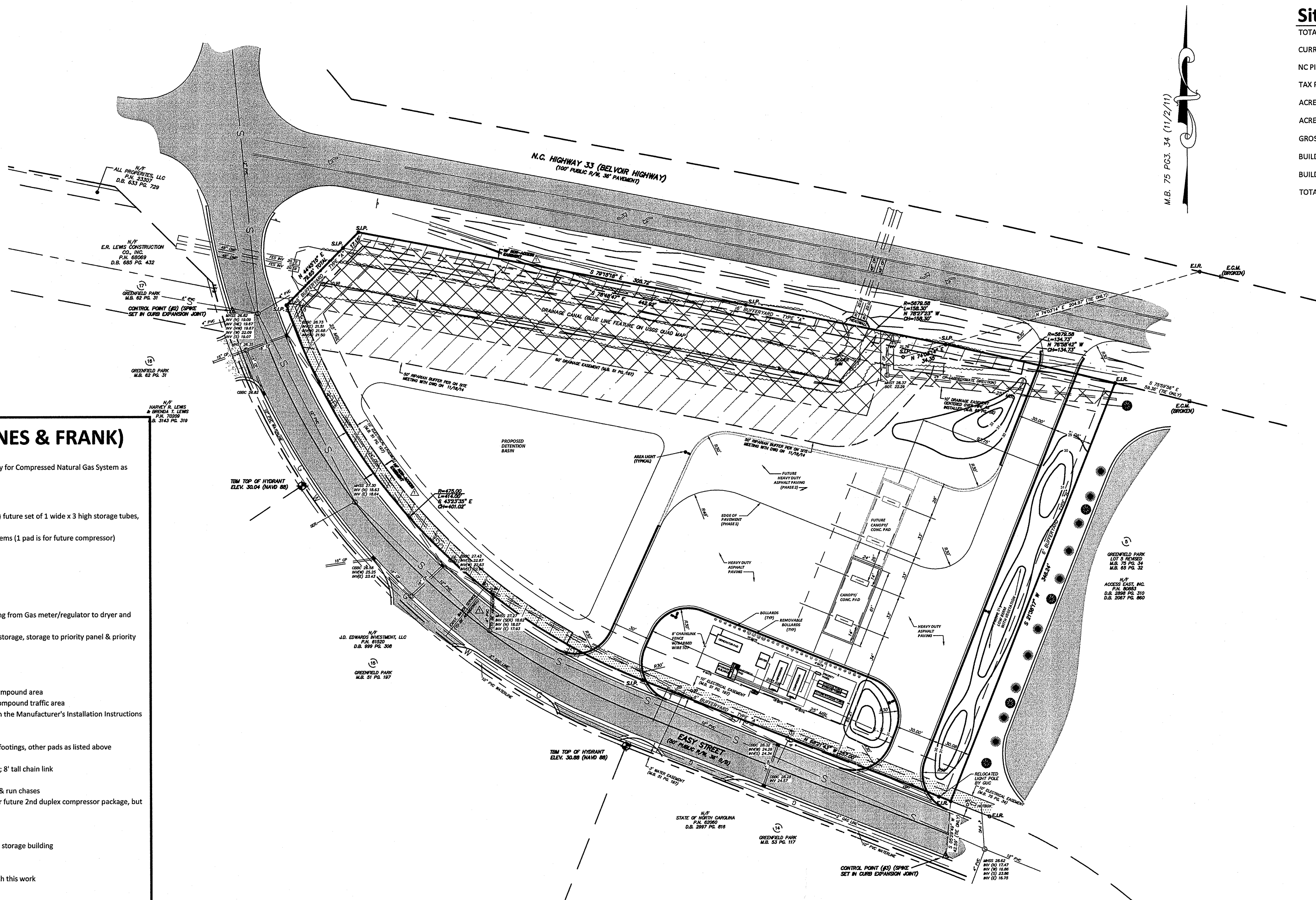
- Form & pour concrete footing foundation for (1) current & (3) future set of 1 wide x 3 high storage tubes, 23' long - (2) piers
- Form & pour compressor pads for (2) duplex compressor systems (1 pad is for future compressor)
- Form & pour priority panel pad
- Form & pour dryer pad
- Form & pour storage building pad
- Form & pour electrical rack pad
- Form & pour pad for future generator
- Run piping as specified below:
  - 4" Black Welded Aboveground Steel Gas Supply Piping from Gas meter/regulator to dryer and generator (Gas meter/regulator by Owner)
  - 1" SS Tubing inside chase pipes from compressor to storage, storage to priority panel & priority panel to dispensers (butt orbital welded)
  - Install tubing -all home runs from the compound
  - 1" SS Tubing for dispenser pressure relief venting
  - 1/2" SS Tubing for compound ESD Valve
- Place Ground barrier - Geo-fabric & 6" layer of 57 stone in compound area
- Provide (13) 8" Galvanized pipe bollards at the compressor compound traffic area
- Off load, set and install all CNG equipment in accordance with the Manufacturer's Installation Instructions
- Anchor the above equipment to the concrete pads
- Provide grounding for equipment
- Excavate as needed for compressor pads, dryer pad, storage footings, other pads as listed above
- Build & install electrical rack with gear
- Install fencing w/ color slats (color to be approved by Owner); 8' tall chain link
- Install the following equipment:
  - 1200 AMP Service - size for (2) 250 HP compressors & run chases
  - (1) Compressor Package - (include conduit chases for future 2nd duplex compressor package, but no wiring)
  - (1) SCADA System - Alternate connectivity
  - (1) Dryer
  - (1) Fuel Management System; DD box located inside storage building
  - (1) Storage Building
  - (1) Solenoid valve (on Gas supply line for ESD)
- Properly dispose of excavated material off site associated with this work

### Fueling Islands and Dispensers

- Provide (8) 8" galvanized pipe bollards at the fueling islands - (4) per Island
- Excavate and install (4) concrete canopy footings
- Install dispenser boxes under CNG dispensers
- Excavate trench from compound to the furthest CNG future stub-out location (for tubing/electrical)
- Install CNG islands utilizing SS forms & install all tubing & electrical
- Install CNG dispenser island forms to accommodate new CNG dispensers
- Excavate as needed for pipe trenches
- Install Buried Pipe Warning Tape 6-12" above the new tubing runs
- Install the following equipment:
  - (2) Island forms (SS) and pit boxes
  - (2) 2-hose Light/Heavy Duty Dispenser
  - (2) Dispensers
  - (6) Area light poles
  - (8) Mounted Canopy Lights
  - (5) Cameras
  - (2) LED Price Sign on canopy fascia
- Pour concrete pad under canopy - 26' x 63' x 8"
- Properly dispose of excavated material off site associated with this work

### Associated Work

- Install gas-actuated ESD on dryer inlet w/ 1/2" tubing off compressor
- Install pressure relief valves as required
- Install vent lines as required
- Perform the following test: Pressurize Leak Testing and perform soap test
- Coordinate site for new Electrical/Natural Gas Utility Service (by Owner) to accommodate new CNG station
- Furnish & install electrical conduit
- Pull wire and make final connections for all CNG Equipment from transformer to electrical gear & out to fed all equipment & for communications/data needs
- Paint the following items to customers specifications:
  - Bollards
  - Black steel piping
  - Vent Pole
- Install the following safety equipment
  - Fire extinguisher & cabinet
  - (4) Emergency Stops - 1 at each dispenser, 1 at compound, 1 additional as needed
  - No smoking/stop engine sign
  - "Product description" decals on storage vessels
  - "No smoking" decals on storage vessels
  - NFPA Hazard Placards as per NFPA 407
  - Additional CNG Signage - coordinate location
- Clean associated debris from the job site
- Test all equipment supplied by Jones & Frank for proper operation
- Instruct Customer's personnel in the proper operation of the equipment supplied by Jones & Frank
- Provide "As-Built" CAD Drawings for associated equipment after the Job is completed
- Provide a "Close Out Book" complete with Photos, Inspection Reports & Permits



## General Notes:

- CONTACT NORTH CAROLINA ONE-CALL CENTER, INC. (NC-811) TO HAVE ALL UNDERGROUND UTILITIES LOCATED PRIOR TO EXCAVATING OR TRENCHING.
- ELECTRIC AND TELEPHONE UTILITIES SHALL BE INSTALLED UNDERGROUND.
- ALL REQUIRED IMPROVEMENTS SHALL COMPLY WITH THE CITY OF GREENVILLE MANUAL OF STANDARD DESIGNS AND DETAILS AND THE MANUAL FOR THE DESIGN AND CONSTRUCTION OF WATER AND WASTEWATER SYSTEM EXTENSIONS FOR GREENVILLE UTILITIES COMMISSION.
- CONSTRUCTION PLAN APPROVAL FROM GREENVILLE UTILITIES COMMISSION AND THE CITY OF GREENVILLE SHALL BE OBTAINED PRIOR TO CONSTRUCTION OF ANY STREET, WATER, AND/OR SANITARY SEWER AND STORM DRAINAGE SYSTEMS.
- THIS SITE IS LOCATED IN A ZONE "X" (AREA DETERMINED TO BE OUTSIDE 0.2% ANNUAL CHANCE 100 YEAR FLOODPLAIN) AS IDENTIFIED BY FEMA FLOOD INSURANCE RATE MAP 3720468800K, EFFECTIVE JULY 7, 2014.
- SOIL EROSION AND SEDIMENTATION CONTROL PLAN APPROVAL BY THE CITY ENGINEER IS REQUIRED PRIOR TO THE INITIATION OF ANY LAND DISTURBING ACTIVITIES.
- THIS SITE DISTURBS GREATER THAN ONE-HALF ACRE - STORMWATER MANAGEMENT SHALL BE PROVIDED IN ACCORDANCE WITH THE CITY OF GREENVILLE'S TAR-PAMLICO RIVER BASIN - NUTRIENT SENSITIVE WATER MANAGEMENT STRATEGY.
- BUILDINGS MUST MEET ALL APPLICABLE BUILDING CODES. SITE SHALL MEET ALL RELATIVE NORTH CAROLINA ACCESSIBILITY CODE REQUIREMENTS.
- NC DOT AND CITY OF GREENVILLE DRIVEWAY PERMIT REQUIRED.
- ANY UNUSED DRIVEWAY SHALL BE CLOSED IN ACCORDANCE WITH CITY OF GREENVILLE'S DRIVEWAY ORDINANCE.
- REFUSE COLLECTION SHALL BE PROVIDED BY PRIVATE CONTRACTOR.
- HEAVY DUTY ASPHALT PAVEMENT: 8" CABC, 2.5" x 19.08 AND 1.5" 5-9.5B.
- CONCRETE PAVING: 4" CABC, 7" PORTLAND CEMENT CONCRETE (4,000 PSI)
- ALL DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
- APPROVAL OF SITE PLAN DOES NOT CONSTITUTE APPROVAL OF SIGNS. SEPARATE SIGN PERMITS ARE REQUIRED.
- CLEANOUTS LOCATED IN PAVED AREAS SHALL BE INSTALLED WITH A SEWER CLEANOUT BOX SET TO FINISHED GRADE AS SHOWN IN GUC STANDARD DETAIL DRAWING NUMBER S-3.
- CONTRACTOR SHALL NOTIFY PUBLIC WORKS STREET MAINTENANCE DIVISION 48 HOURS PRIOR TO MAKING CONNECTIONS TO EXISTING STORM DRAINS LOCATED WITHIN PUBLIC STORM DRAINAGE EASEMENTS OR R/W.
- ACCESS TO PUBLIC UTILITIES MUST BE MADE AVAILABLE AT ALL TIMES.
- FINAL OCCUPANCY SHALL NOT BE ISSUED UNTIL ALL FIRE HYDRANTS HAVE BEEN TESTED AND ACCEPTED BY GUC.
- GUC ELECTRIC EASEMENT IS 10' IN WIDTH AND CENTERED OVER ELECTRIC LINES AS INSTALLED.
- NO BUILDINGS, STRUCTURES OR OTHER IMPROVEMENTS, MATERIALS AND SURFACES, INCLUDING BUT NOT LIMITED TO PRINCIPLE AND ACCESSORY STRUCTURES AND APPURTENANCES THERETO, SIGNAGE, FENCES, WALLS, MECHANICAL EQUIPMENT, CANOPIES, ANTENNAS, MASTS, DEBRIS, SOLID WASTE COLLECTION CONTAINERS, MAIL RECEPTACLES AND IMPERVIOUS SURFACES SHALL ENCR OACH WITHIN ANY DEDICATED EASEMENT WITHOUT PRIOR APPROVAL OF GREENVILLE UTILITIES.
- EXISTING CONDITIONS FOR GUC-CNG SITE (PARCEL NO. 35916) BASED ON RIVERS & ASSOCIATES, INC. DRAWING W-3585, DATED NOVEMBER 18, 2014 PREPARED BY PATRICK W. HARTMAN.

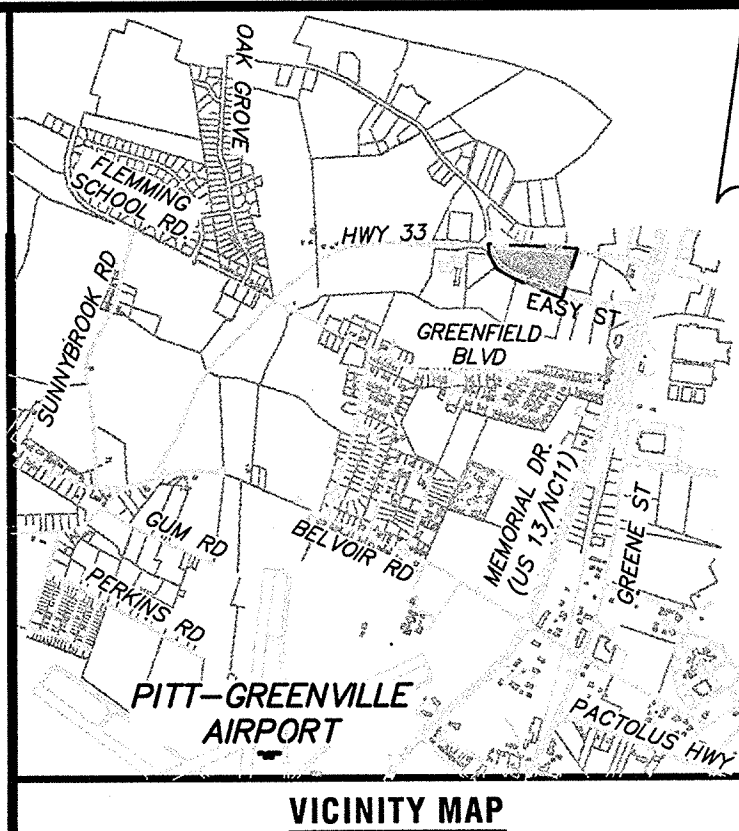
## INDEX OF SHEETS

### SHEET NO.

- |    |  |
|----|--|
| C1 | COVER SHEET / EXISTING CONDITIONS        |
| C2 | SITE AND LANDSCAPING PLAN                |
| C3 | GRADING, DRAINAGE & EROSION CONTROL PLAN |
| C4 | DETAILS                                  |
| V1 | TOPOGRAPHIC SURVEY                       |
| L1 | PLANTING PLAN                            |
| L2 | PLANTING DETAILS                         |

## Site Data:

TOTAL ACREAGE IN SITE: 3.74 AC.  
CURRENT ZONING: IU  
NC PIN NUMBER: 4689467536 & 4689366659  
TAX PARCEL NUMBER: 35916 & 23907  
ACREAGE IN COMMON AREAS: N/A  
ACREAGE IN RECREATION AREAS AND THE LIKE: N/A  
GROSS FLOOR AREA (PROPOSED): N/A  
BUILDING LOT COVERAGE: N/A  
BUILDING HEIGHT IN FEET AND STORIES: N/A  
TOTAL SQUARE FEET OF IMPERVIOUS AREA: 35,103 S.F. (PHASE 1)  
13,512 S.F. (PHASE 2)



## LEGEND

EXISTING	PROPOSED
R/W	RIGHT OF WAY
P.N.	PARCEL NUMBER
E.I.R.	EXISTING IRON ROD
S.I.P.	SET IRON PIPE
E.C.M.	EXISTING CONCRETE MONUMENT
N/F	NOW OR FORMERLY
D.B.	DEED BOOK
M.B.	MAP BOOK
P.G.	PAGE
CMP	CORRUGATED METAL PIPE
CP	CONCRETE PIPE
CBBC	CATCH BASIN BACK OF CURB
SM	SANITARY SEWER MANHOLE (MHSS)
PH	FIRE HYDRANT
TBM	TEMPORARY BENCHMARK
CP	CONCRETE PIPE
EB	ELECTRIC BOX
SS	SANITARY SEWER
FO	FIBER OPTIC MARKER
HW	SIGN
OV	WATER VALVE
TP	CLEAN OUT
T	TELEPHONE PEDESTAL
	TRANSFORMER
	BOUNDARY LINE
	ADJACENT OWNER
	GAS LINE (PARTIAL MARKING)
	UNDERGROUND FIBER OPTIC (MARKED)
	UNDERGROUND ELECTRIC (MARKED)
	RIGHT OF WAY
	STORM DRAINAGE LINES
	CENTERLINE OF DITCH
	TOP OF BANK
	SANITARY SEWER
	WATER MAIN (PARTIAL MARKING)
	CONTOUR (MAJOR)
	CONTOUR (MINOR)
	EDGE THICKET (APPROXIMATE)
	TOP OF BANK
	NATURAL GROUND
	BACK OF CURB
	TOP OF ASPHALT
	TOP OF CONCRETE
	CREPE MYRTLE TREE
	OAK TREE
	EXISTING SOIL BORING
	PROPOSED LARGE TREE
	PROPOSED SMALL TREE
	PROPOSED SHRUBS
	EXISTING CURB AND GUTTER
	PROPOSED CURB AND GUTTER

## OWNER / DEVELOPER

OWNER: CITY OF GREENVILLE, NC  
for the use and benefit of Greenville Utilities Commission  
PO BOX 1847  
GREENVILLE, NC 27835-1847  
(252) 551-2048  
DEVELOPER: GREENVILLE UTILITIES COMMISSION  
GAS SYSTEMS  
801 MUMFORD ROAD  
GREENVILLE, NC 27835  
(252) 551-2048

REVISIONS:		
REV.	DESCRIPTION	DATE
A	CITY OF GREENVILLE & NCDOT COMMENTS	1-28-15

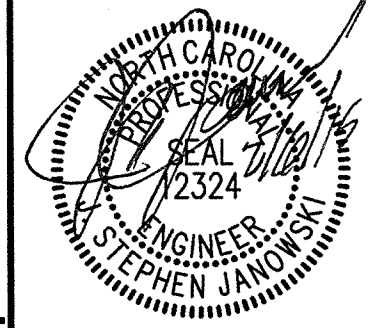
# COVER SHEET

## GREENVILLE UTILITIES COMMISSION

### COMPRESSED NATURAL GAS SITE

290 EASY STREET  
CITY OF GREENVILLE, BELVOIR TWP, PITT COUNTY, NORTH CAROLINA

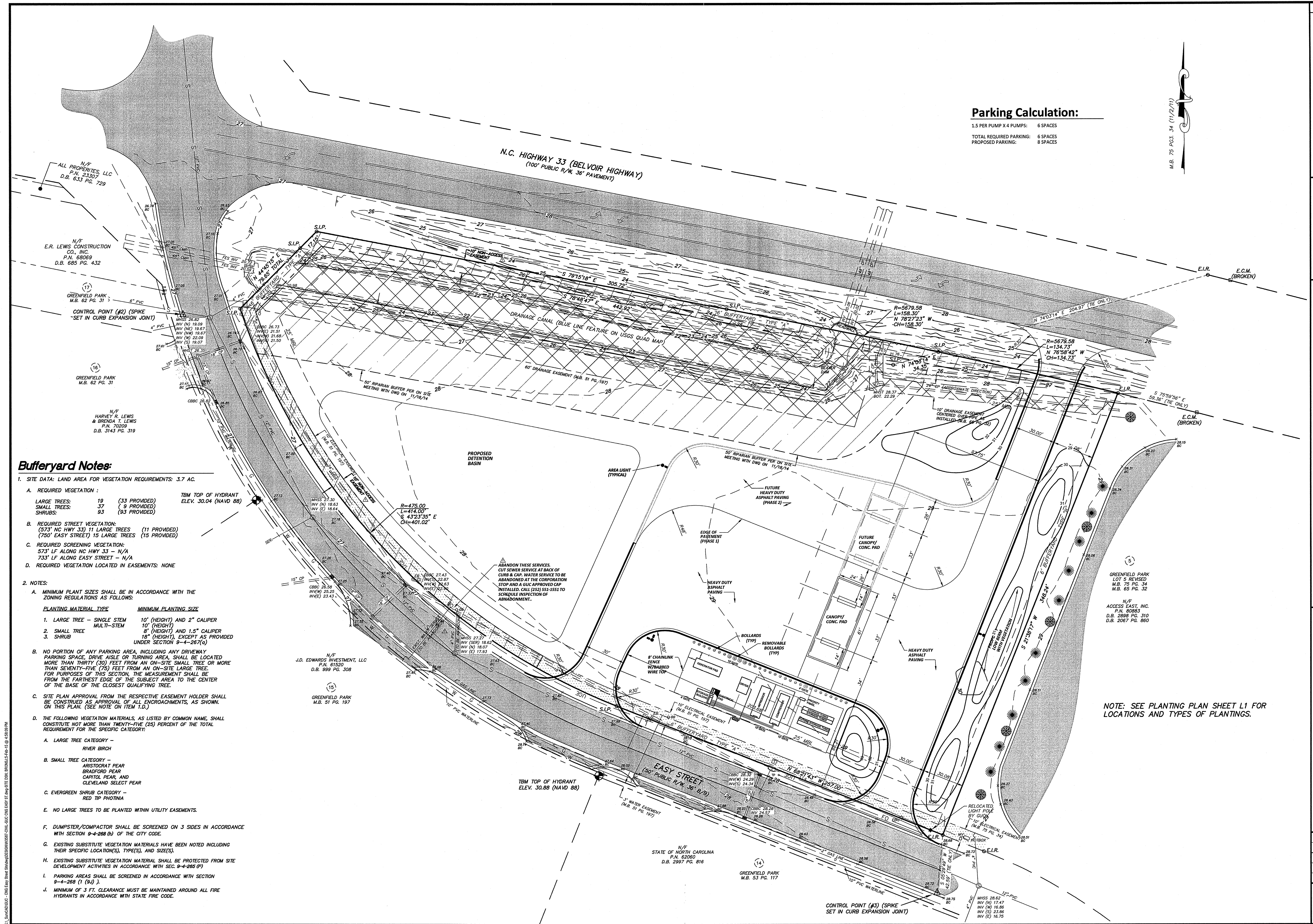
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**Rivers**  
RIVERS & ASSOCIATES, INC.  
riversandassociates.com  
107 East Second Street  
Greenville, NC 27835  
(252) 792-4135  
Engineers  
Planners  
Surveyors  
Landscape Architects



January 12, 2015  
SURVEY - DRAFT  
DESIGN JSJ CHECK JSJ  
PROJECT No. 2014127  
DRAWING No. W-3587  
SCALE: 1" = 50'  
SHEET No. OF 7

# C1





**Parking Calculation:**

1.5 PER PUMP X 4 PUMPS: 6 SPACES  
TOTAL REQUIRED PARKING: 6 SPACES  
PROPOSED PARKING: 8 SPACES

**Bufferyard Notes:**

1. SITE DATA: LAND AREA FOR VEGETATION REQUIREMENTS: 3.7 AC.

**A. REQUIRED VEGETATION:**

LARGE TREES: 19 (33 PROVIDED)  
SMALL TREES: 37 (9 PROVIDED)  
SHRUBS: 93 (93 PROVIDED)

TBM TOP OF HYDRANT  
ELEV. 30.04 (NAVD 88)

**B. REQUIRED STREET VEGETATION:**

(573' NC HWY 33) 11 LARGE TREES (11 PROVIDED)  
(780' EASY STREET) 15 LARGE TREES (15 PROVIDED)

**C. REQUIRED SCREENING VEGETATION:**

573' LF ALONG NC HWY 33 - N/A  
733' LF ALONG EASY STREET - N/A

**D. REQUIRED VEGETATION LOCATED IN EASEMENTS: NONE**

**2. NOTES:**

A. MINIMUM PLANT SIZES SHALL BE IN ACCORDANCE WITH THE ZONING REGULATIONS AS FOLLOWS:

**PLANTING MATERIAL TYPE**

**MINIMUM PLANTING SIZE**

1. LARGE TREE - SINGLE STEM 10' (HEIGHT) AND 2" CALIPER
2. SMALL TREE - MULTI-STEM 8' (HEIGHT) AND 1.5" CALIPER
3. SHRUB 18" (HEIGHT), EXCEPT AS PROVIDED UNDER SECTION 9-4-287(i)

B. NO PORTION OF ANY PARKING AREA, INCLUDING ANY DRIVEWAY PARKING SPACE, DRIVE AISLE OR TURNING AREA, SHALL BE LOCATED MORE THAN THIRTY (30) FEET FROM AN ON-SITE SMALL TREE OR MORE THAN SEVENTY-FIVE (75) FEET FROM AN ON-SITE LARGE TREE. FOR PURPOSES OF THIS SECTION, THE MEASUREMENT SHALL BE FROM THE FARTHEST EDGE OF THE SUBJECT AREA TO THE CENTER OF THE BASE OF THE CLOSEST QUALIFYING TREE.

C. SITE PLAN APPROVAL FROM THE RESPECTIVE EASEMENT HOLDER SHALL BE CONSTRUED AS APPROVAL OF ALL ENCROACHMENTS, AS SHOWN, ON THIS PLAN. (SEE NOTE ON ITEM 1.D.)

D. THE FOLLOWING VEGETATION MATERIALS, AS LISTED BY COMMON NAME, SHALL CONSTITUTE NOT MORE THAN TWENTY-FIVE (25) PERCENT OF THE TOTAL REQUIREMENT FOR THE SPECIFIC CATEGORY:

**A. LARGE TREE CATEGORY -**

RIVER BIRCH

**B. SMALL TREE CATEGORY -**

ARISTOPART PEAR  
BRADFORD PEAR  
CAPITOL PEAR, AND  
CLEVELAND SELECT PEAR

**C. EVERGREEN SHRUB CATEGORY -**

RED TIP PHTONIA

**E. NO LARGE TREES TO BE PLANTED WITHIN UTILITY EASEMENTS.**

F. DUMPSTER/COMPACTOR SHALL BE SCREENED ON 3 SIDES IN ACCORDANCE WITH SECTION 9-4-288 (h) OF THE CITY CODE.

G. EXISTING SUBSTITUTE VEGETATION MATERIALS HAVE BEEN NOTED INCLUDING THEIR SPECIFIC LOCATION(S), TYPE(S), AND SIZE(S).

H. EXISTING SUBSTITUTE VEGETATION MATERIAL SHALL BE PROTECTED FROM SITE DEVELOPMENT ACTIVITIES IN ACCORDANCE WITH SEC. 9-4-285 (f)

I. PARKING AREAS SHALL BE SCREENED IN ACCORDANCE WITH SECTION 9-4-288 (1 (3-J))

J. MINIMUM OF 3 FT. CLEARANCE MUST BE MAINTAINED AROUND ALL FIRE HYDRANTS IN ACCORDANCE WITH STATE FIRE CODE.

REVISIONS:

REV.	DATE	DESCRIPTION
1	4-28-15	CITY OF GREENVILLE & NCDOT COMMENTS

SITE PLAN

GREENVILLE UTILITIES COMMISSION

COMPRESSED NATURAL GAS SITE

290 EASY STREET

CITY OF GREENVILLE, BELVOIR TWP. PITT COUNTY, NORTH CAROLINA

NC License F-6334

**Rivers**

ENGINEERS & ARCHITECTS, INC.

Since 1916

107 East Second Street

Greenville, NC 27834

(252) 752-1135

Landscapes Architects

January 12, 2015

SURVEY	- DRAFT	JJB
DESIGN	JSJ CHECK	JSJ
PROJECT No.	2014127	
DRAWING No.	W-3587	
SCALE:	1" = 30'	
SHEET No.	OF 7	

C2



Notice to All Landowner/Developers

Wetlands are valuable natural resources that provide important ecological functions be advised that activities in wetlands are regulated by the federal government under Section 404 of the Clean Water Act. Jurisdiction Wetland may include the pine-shrub pocosins that are common in the region. If any present landowner, developer, corporation, or other person proposes to undertake construction/filling activities in or near a lake, stream, tributary, or any other unnamed body of water including its adjacent wetlands, Federal Permit Authorization may be required from the U.S. Army Corps Of Engineers prior to commencement of any such land disturbing activities. Please contact Mr. Henry Wicker, Field Coordinator, Washington, NC Corps of Engineers Regulatory Field Office, telephone (910) 251-4930, for a wetland determination and information regarding specific permit requirements.

Construction Sequence:

THIS PROJECT CONSISTS OF CONSTRUCTING A NEW STORAGE FACILITY AND PARKING LOT.

CONTRACTOR MUST SCHEDULE A PRECONSTRUCTION CONFERENCE WITH THE EROSION CONTROL OFFICER PRIOR TO INITIATING LAND DISTURBING ACTIVITIES.

1. CONSTRUCTION AND IMPLEMENTATION OF ALL EROSION AND SEDIMENTATION CONTROL MEASURES.	1 WEEK
2. ROUGH GRADING	6 WEEKS
3. PLACEMENT OF STONE BASE	2 WEEKS
4. EQUIPMENT INSTALLATION	4 WEEKS
5. FINE GRADING AND PAVING	1 WEEK
6. LANDSCAPING, IRRIGATION / SEEDING & MULCHING	2 WEEKS

SINCE SEVERAL ITEMS WILL BE PERFORMED CONCURRENTLY, AN ANTICIPATED COMPLETION TIME OF 4 MONTHS IS EXPECTED FOR THIS PROJECT.

Erosion Control Provisions

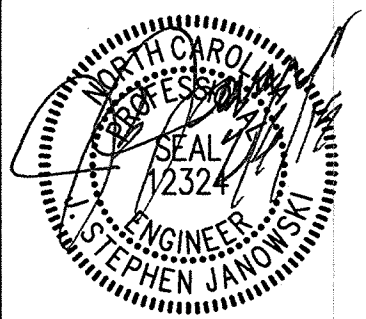
- No Person May Initiate A Land Disturbing Activity Before Notifying The Erosion Control Officer Of The Date That The Land Disturbing Activity Will Begin.
- Land Disturbing Activity Beyond That Required To Install Appropriate Erosion Control May Not Proceed Until Erosion Control Measures Are Inspected And Approved.
- Scheduling Of A Pre-construction Conference With The Erosion Control Inspector may be Required Prior To Initiating Land Disturbing Activities. For Inspection Call (252) 946-6481. 24 Hour Notice Is Required.
- Install Rock Inlet Sediment Traps Around All Catch Basins, Drop Inlets, And Yard Inlets.
- Provide 20' X 50' X 6" Stone Construction Entrances As Shown On Plan.
- Seed Or Otherwise Provide Ground Cover Devices Or Structures Sufficient To Restrain Erosion For All Exposed Slopes Within 7 Days Of Completion Of Any Phase Of Grading on perimeter areas and slopes steeper than 3:1. All other areas shall be stabilized within 14 days.
- Contractor Shall Inspect And Maintain As Needed All Erosion Control Devices On A Weekly Basis And After Each Major Storm Event. Failure To Keep All Erosion Control Devices In Proper Working Order May Result In A Stop Work Order Or Civil Penalties Up To \$5000.00 Per Day Of Violation.
- The Engineer Reserves The Right To Require Additional Erosion Control Measures Should The Plan Or Its Implementation Prove To Be Inadequate.
- Acceptance And Approval Of This Plan Is Conditioned Upon Your Compliance With Federal And State Water Quality Laws, Regulation And Rules. In Addition Local City And County Ordinances Or Rules May Also Apply To This Land Disturbing Activity. This approval does not supersede any other permit or approval.
- Please be advised of the rules to protect and maintain existing buffers along watercourses in the Neuse and Tar-Pamlico River basins. These rules are enforced by the Division of Water Quality (DWQ). Direct any questions about the applicability of these rules to your project to the regional water quality supervisor, Washington Regional Office at (252) 946-6481.

New Stabilization Timeframes

Site Area Description	Stabilization	Timeframe Exceptions
Perimeter dikes, swales, ditches, slopes	7 Days	None
High Quality Water (HQP) Zones	7 Days	None
Slopes steeper than 3:1	7 Days	If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed
Slopes 3:1 or flatter	14 Days	7 days for slopes greater than 50' in length
All other areas with slopes flatter than 4:1	14 Days	None except for perimeter and HQP Zones

GRADING DRAINAGE & EC PLAN  
**GREENVILLE UTILITIES COMMISSION**  
COMPRESSED NATURAL GAS SITE  
290 EASY STREET  
CITY OF GREENVILLE, BELVOIR TWP, PITT COUNTY, NORTH CAROLINA

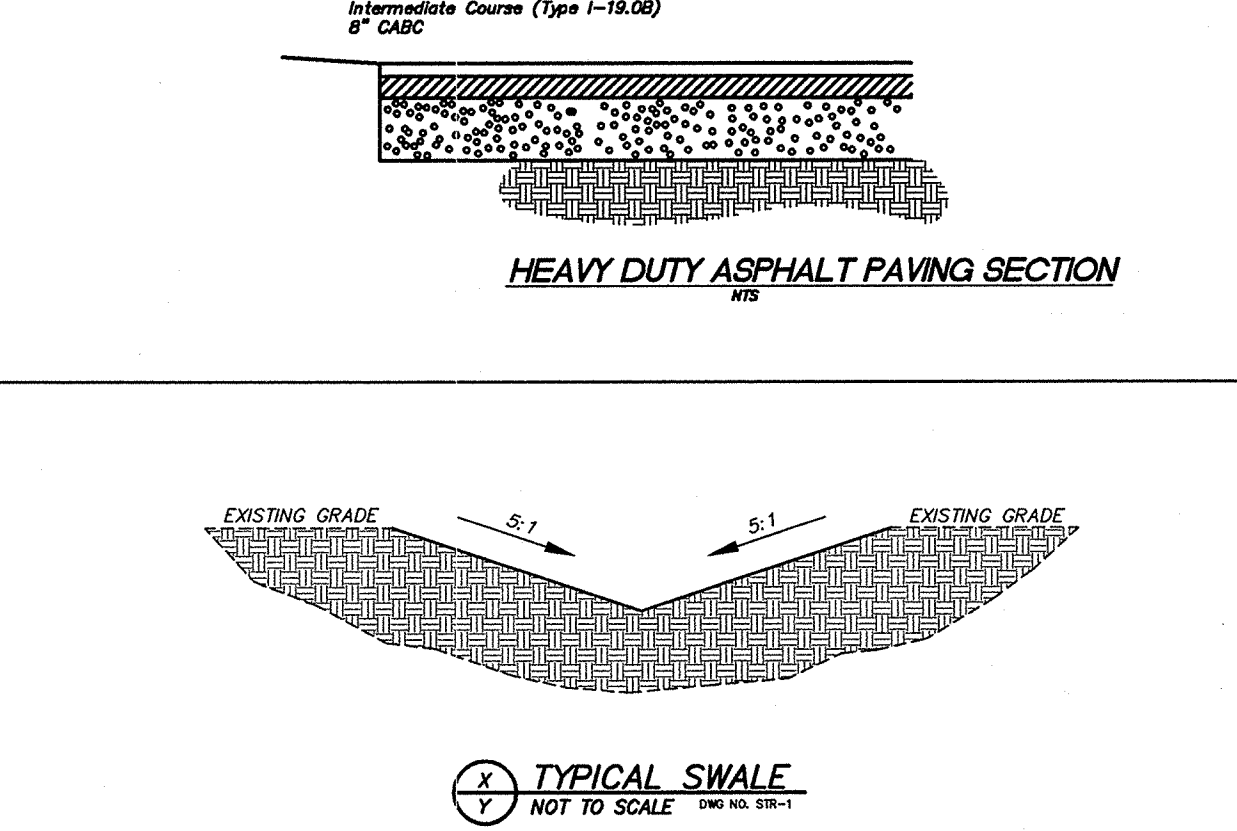
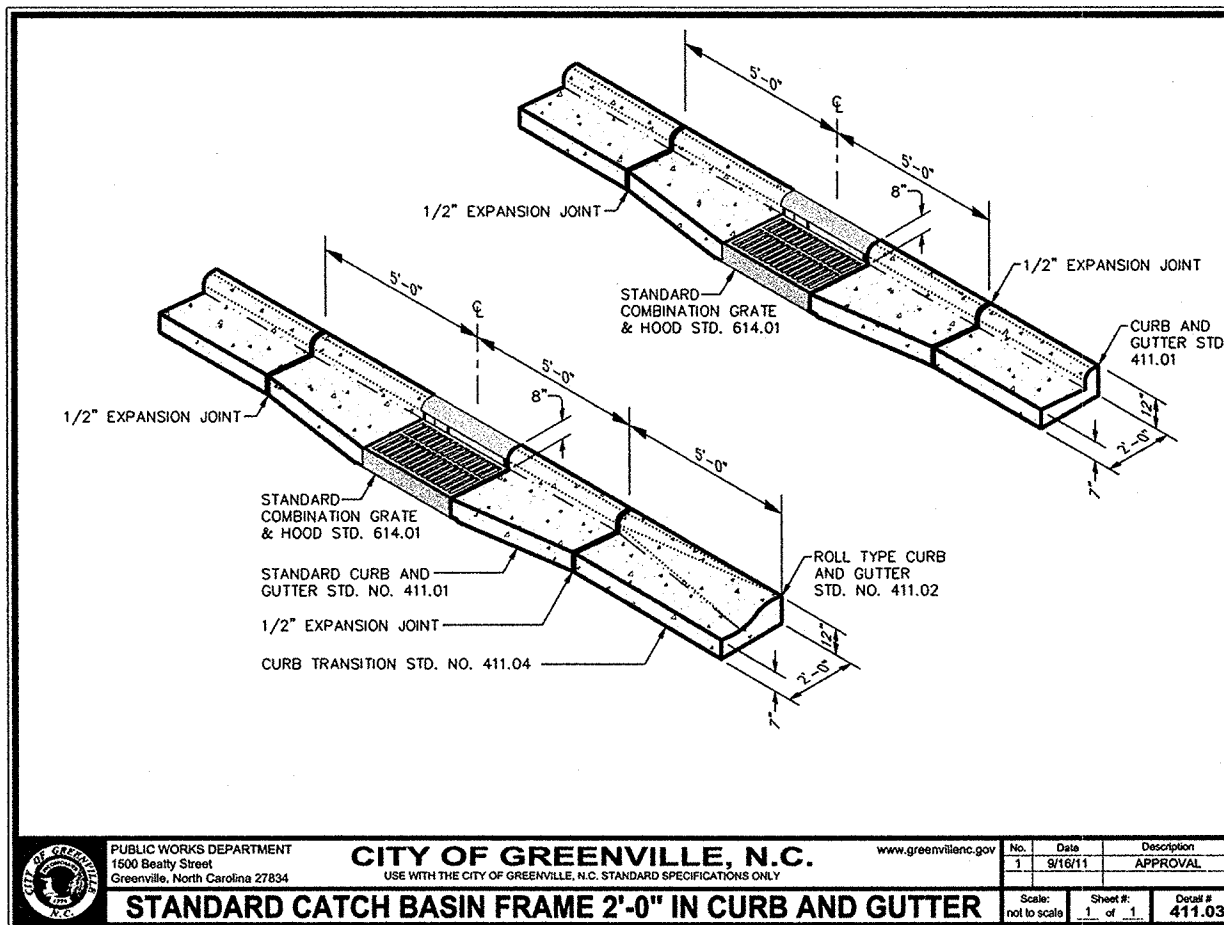
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107 East Second Street  
Greenville, NC 27838  
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January 12, 2015  
SURVEY - DRAFT JJB  
DESIGN JSJ CHECK JSJ  
PROJECT No. 2014127  
DRAWING No. W-3587  
SCALE: 1" = 30'  
SHEET No. OF 7

C3





# C4



1	CITY OF GREENVILLE & NCDOT COMMENTS	1-28-15	-
REV.	DESCRIPTION	DATE	APPD

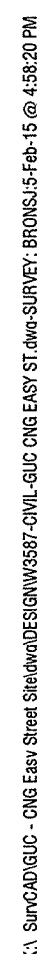
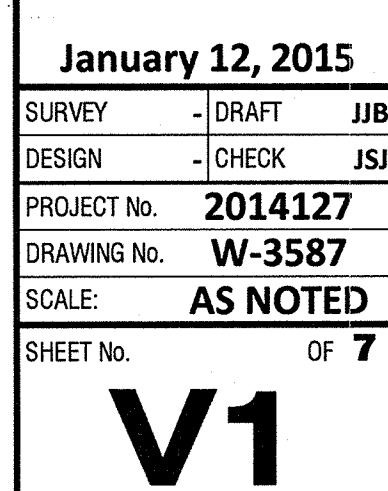
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NC License: F-0334

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107 East Second Street  
Greenville, NC 27658  
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Engineers  
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Landscape Architects





**PLANTING PLAN**  
**GREENVILLE UTILITIES COMMISSION**  
**COMPRESSED NATURAL GAS SITE**  
 290 EASY STREET  
 CITY OF GREENVILLE, BELVOIR TWP., PITT COUNTY, NORTH CAROLINA

**Rivers**  
 & ASSOCIATES, INC.  
 Since 1916  
 107 East Second Street  
 Greenville, NC 27638  
 (252) 762-4135  
 Landscape Architects

**Professional Seal**  
 NORTH CAROLINA  
 LANDSCAPE ARCHITECT  
 1840  
 01-12-15  
 January 12, 2015

SURVEY - DRAFT JIB  
 DESIGN SKR CHECK SKR  
 PROJECT No. 2014127  
 DRAWING No. W-35187  
 SCALE: 1" = 30'  
 SHEET No. OF 7

**L1**

NOTE: PLEASE SEE SHEET L2 FOR PLANTING DETAILS AND NOTES.

**PLANT KEY**

SYMBOL	KEY	QUANTITY	BOTANICAL NAME (COMMON NAME)	HEIGHT	SPREAD	CALIFER	ROOT	REMARKS
<b>LARGE CANOPY TREE</b>								
QP	14	14	<i>Quercus phellos</i> (Willow Oak)	10' min.	2" min.	BB	Single, straight center leader; matched	
QS	10	10	<i>Quercus shumardii</i> (Shumard Oak)	10' min.	2" min.	BB	Single, straight center leader; matched	
CJ	6	6	<i>Cryptomeria japonicus 'Radicans'</i> (Japanese Cryptomeria)	10' min.	2" min.	BB	Single, straight center leader; matched	
TD	6	6	<i>Taxodium distichum</i> (Bald Cypress)	10' min.	2" min.	BB	Single, straight center leader; matched	
<b>SMALL ORNAMENTAL TREE</b>								
PC	12	12	<i>Prunus cerasifera</i> (Purple Leaf Plum)	8' min.	4' min.	BB	Single, straight center leader; matched	
<b>SHRUBS</b>								
IN	6	6	<i>Ilex x 'Nellie Stevens'</i> (Nellie Stevens Holly)	6' min.	36" min.	#7	Symmetrical; Heavy; @5' oc	
MC	5	5	<i>Myrica cerifera</i> (Wax Myrtle)	4' min.	4' min.	#5	Symmetrical; Heavy; @5' oc	
PT	14	14	<i>Pittosporum tobira 'Wheeler's Dwarf'</i> (Mock Orange)	18" min.	18" min.	#5	Symmetrical; Heavy; @4' oc	
IC	12	12	<i>Ilex crenata 'Helleri'</i> (Helleri Holly)	18" min.	18" min.	#7	Symmetrical; Heavy; @4' oc	
YF	20	20	<i>Yucca filamentosa</i> (Adam's Needle Yucca)	18" min.	18" min.	#7	Symmetrical; Heavy; @3' oc	
RC	6	6	<i>Rosa x 'Carefree Sunshine'</i> (Carefree Sunshine Shrub Rose)	18" min.	18" min.	#3	Symmetrical; Heavy; @3' oc	
HP	32	32	<i>Hypericum patulum 'Hidcote'</i> (St. John's Wort)	18" min.	18" min.	#3	Symmetrical; Heavy; @3' oc	



REVISIONS:	
REV.	DESCRIPTION
A	CITY OF GREENVILLE & NC DOT COMMENTS
1-28-15	
DATE	APPRO

**PLANTING DETAILS**

**GREENVILLE UTILITIES COMMISSION**

**COMPRESSED NATURAL GAS SITE**

**290 EASY STREET**

*CITY OF GREENVILLE, BELVOIR TOWNSHIP, PITT COUNTY, NORTH CAROLINA*

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REGISTERED LANDSCAPE ARCHITECT

1840

KATHLEEN H. WELLS

01.12.15

**January 12, 2015**

SURVEY	DRAFT	JIB	
DESIGN	SKR	CHECK	SKR
PROJECT No.		<b>2014127</b>	
DRAWING No.		<b>W-3587</b>	
SCALE:		<b>1" = 30'</b>	
SHEET No.		OF <b>7</b>	

L2