



Finance
Purchasing Division
305 Chestnut Street
Post Office Box 1810
Wilmington, NC 28402-1810



910 341-7830
910 341-7842 fax
wilmingtonnc.gov
Dial 711 TTY/Voice

**ADDENDUM NUMBER 1
CITY OF WILMINGTON
DRAM TREE PARK PARKING IMPROVEMENTS
PS-CTT-1111
NOVEMBER 23, 2011**

To all holders of contract documents:

Please be advised to the following:

1. Changes to the Bid Proposal and Bid Quantities
 - A. Replace original Bid Proposal Worksheet with new Bid Proposal Worksheet, Revision #1 dated 11/21/2011. Line 20 of original proposal sheet has been changed. Irrigation and Landscaping will be “by others” and no longer contained in project scope and contract. Line 20 of new proposal form reads “Irrigation Sleeves”. Quantity shall be Four (4) Irrigation sleeves. Contractor shall be compensated by Owner for “Irrigation Sleeves” as a “Lump Sum” item.
 - B. Replace drawing labeled “Landscaping Plan” with new drawing, revision dated November 21, 2011. Revised drawing labeled “Landscaping Plan” shows irrigation sleeves in areas designed for vehicular traffic. Pipe sizes are noted on the plans. All sleeves shall be placed 24” below finished grade and shall be begin and terminate 18” behind back of curb in paved areas and 18” outside of gravel drive edges. Pipe material shall be Sch. 40 PVC and of “new” condition. Pipe ends shall be covered with appropriate/corresponding size caps. Pipe caps will be securely placed on pipe ends but shall remain un-affixed by glue. Buried ends of “Irrigation sleeves” shall be marked for future excavation by wooden or metal stakes that shall be marked “sleeves” and shall extend vertically 24” above finished grade.
 - C. Drawing C-2 “Storm water Control” items. Where “Trench Drain” is shown, item shall generally conform as follows. “Trench Drain” grates shall conform to drawings attached to this addendum. Contractor shall provide materials consistent with item TGF-12 shown on drawings. Trench Drain grating materials provided by Contractor shall be manufactured by Capital Foundry or approved equal. Concrete sections of “Trench Drain” shall be “cast-in-place.” Concrete used shall conform with section 6 of Technical Specifications. Refer to attached Technical

Drawing SD 2-06. An example of the intended final product for the “Trench Drain” can be seen at the existing Boat Ramp site adjacent to the project site currently out for bid.

- D. Drawing C-1. Ignore “Bike Rack” as shown. Item will be “by others” and not contained in project scope or contract.
- E. Drawing C-1. Ignore hatched area denoting “concrete to be removed” shown as part of existing concrete “double T’s” bulkhead along and near water line/bank of Cape Fear River appearing outside of the “Limits of disturbance” area. All other notations for concrete removal remain.

Noted Changes:

1. Bid Proposal was amended in Line 20. New form enclosed.
2. Drawing labeled “Landscaping Plan” was replaced with new drawing revised as of 11/21/2011. Landscaping and Irrigation removed and Irrigation Sleeves added.
3. Drawing C-1 has clarifications. Bike Rack was eliminated. Concrete for removal further clarified. Concrete for removal further clarified.
4. Drawing C-2 further clarified for Trench Drain with detail enclosed.

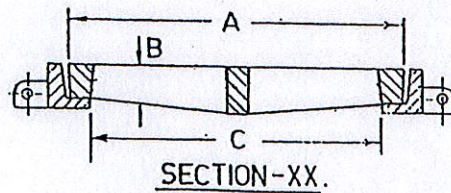
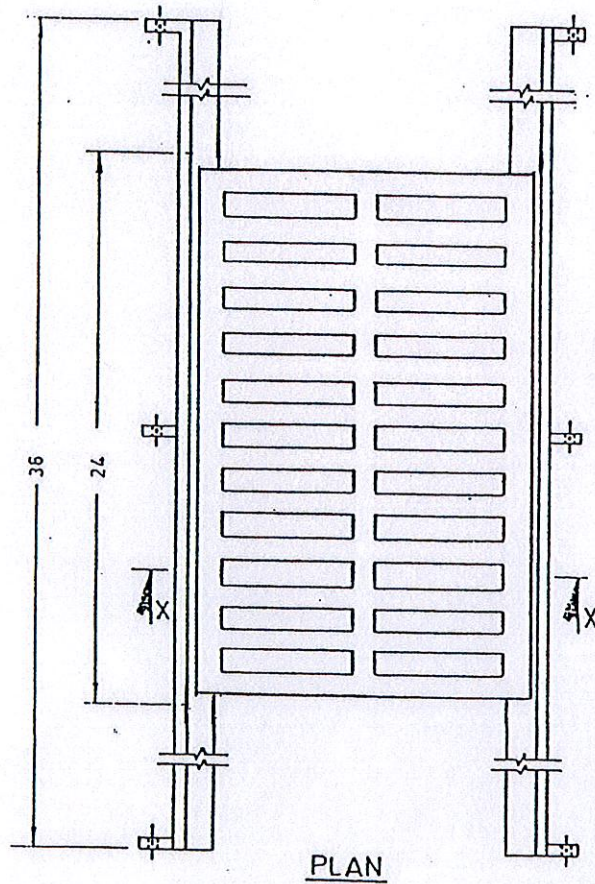
All other terms and conditions remain unchanged.

Daryle L.Parker, Purchasing Manager
Purchasing Division
END OF ADDENDUM ONE

CAPITOL FOUNDRY OF VA, INC.

HRH Construction Products
 PO Box 350 * 475 Carver Dr
 Rocky Point, NC 28457
 (910)602-3017 (910)602-6609 fax

ITEM	A	B	C
TGF-10*	10"	1.75"	8"
TGF-12*	12"	2"	10"
TGF-14*	14"	2"	12"



HEAVY DUTY TRENCH GRATE & FRAME

ASTM A-48 CLASS 35B / AASHTO M105

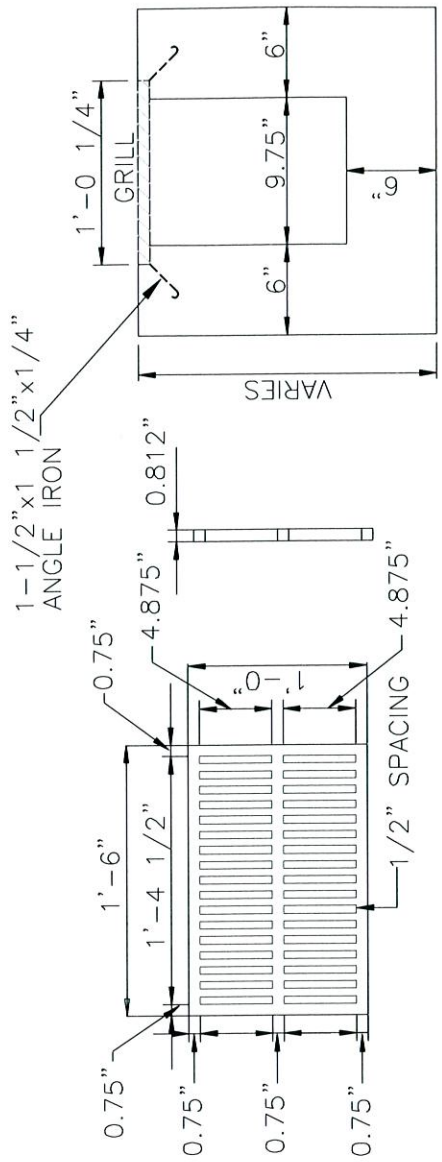
ITEM # TGF

2011 DRAM TREE PARKING EXPANSION

PROJECT NO.

REVISED 11/21/2011 FOR ADDENDUM #1

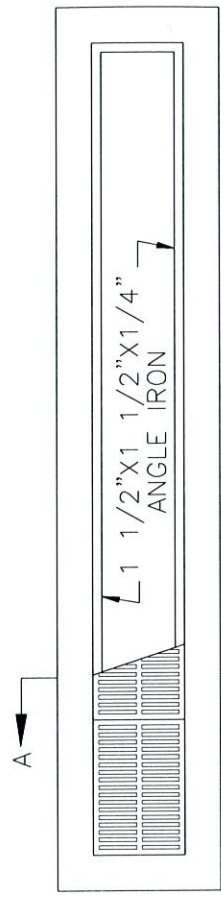
ITEM	TASK OR ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL COST
1	Mobilization	1	LS		
2	Demo Street Curb, Driveway	1	LS		
3	Silt Fence	830	LF		
4	Temporary Sediment Trap	1	EA		
5	Import Fill and Compact	2600	CY		
6	Segmental Block Retaining Wall	270	SF		
7	Bypass Box	1	LS		
8	Drop Inlets, Curb Inlets, Junction Boxes, with Inlet	9	EA		
9	12" RCP	258	LF		
10	15" RCP	124	LF		
11	18" RCP	46	LF		
12	18" FES	1	EA		
13	Rip Rap Apron	1	EA		
14	Trench Drain	1	LS		
15	Underground Infiltration (Rain Tanks, Gravel, Fabric)	1	LS		
16	Curb & Gutter	1070	LF		
17	ABC Stone Base 6"	2791	SY		
18	Asphalt 1.5" SF9.5A	2791	SY		
19	Sidewalk 4" Thick, 5' Wide	1235	SF		
20	Irrigation Sleeves	4	LS		
21	Striping	1	LS		
BID TOTAL					



1/4" CONCRETE ANCHOR
WELDED TO FRAME ON 18%.

SECTION "A-A"

DETAIL OF GRILL



PLAN

STANDARD DETAIL

**TROUGH TYPE
DROP INLET BASIN**



CITY OF WILMINGTON ENGINEERING
PO BOX 1810
WILMINGTON, NC 28402
(910) 341-7807

SD 2-06

DATE: 2001
DRAWN BY JSR/CMR
CHECKED BY B.P., P.E.
SCALE NOT TO SCALE

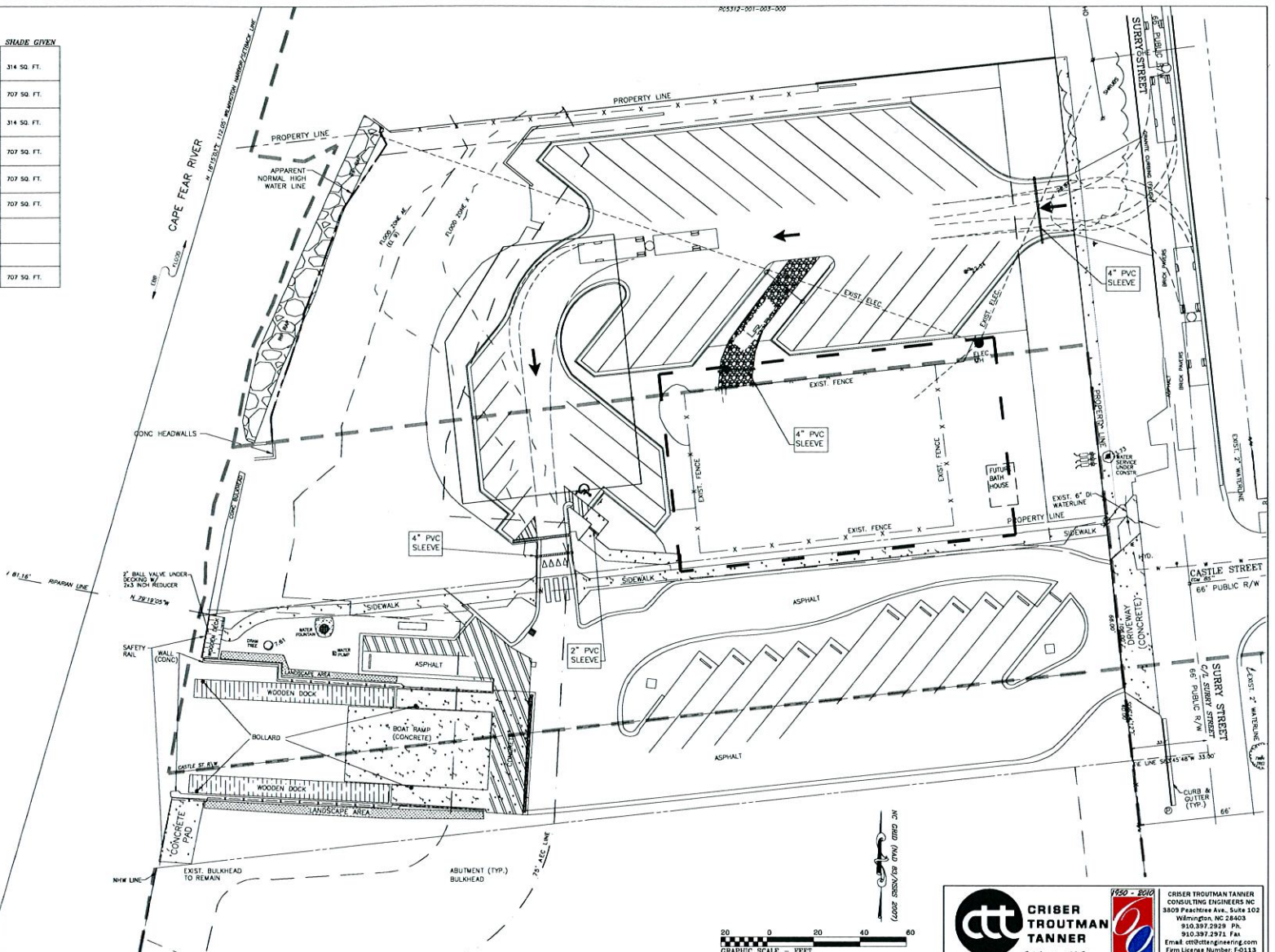
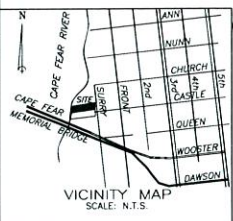
KEY	NO.	BOTANICAL NAME	COMMON NAME	SIZE	TYPE	SHADE GIVEN
☉	9	LAGERSTROEMIA INDICA	CREPE MYRTLE	2.5" CAL. 10' TALL	UNDERSTORY	314 SQ. FT.
●	3	TAXODIUM DISTICHUM	BALD CYPRESS	2.5" CAL. 10' TALL	CANOPY	707 SQ. FT.
○	2	ULMUS PARVIFOLIA	ELM (DRAKE)	2.5" CAL. 10' TALL	UNDERSTORY	314 SQ. FT.
⊗	17	ILEX X ATTENUATA 'DOSTER'	HOLLY-FOSTER	2.5" CAL. 10' TALL	CANOPY	707 SQ. FT.
⊙	2	QUERCUS SHUMARDI	SHUMARD OAK	2.5" CAL. 10' TALL	CANOPY	707 SQ. FT.
⊕	4	QUERCUS PHellos	WILLOW OAK	2.5" CAL. 10' TALL	CANOPY	707 SQ. FT.
⊗	66	MYRTICA CERIFERA	WAX MYRTLE	30" TALL		
⊙	10	FORSYTHIA INTERMEDIA	FORSYTHIA	30" TALL		
⊕	2	SAUK BABYLONICA	WEeping WILLOW	2.5" CAL. 10' TALL	CANOPY	707 SQ. FT.

LANDSCAPE CALCULATIONS

PARKING - INTERIOR SHADING
 PROPOSED SIZE OF 2,332' = 4,246 SQ. FT.
 PROVIDED = 6,363 SQ. FT.

STREET YARD
 REQUIRED (1/2' HEIGHT) x 25 FT x 4,300 SQ. FT.
 PROVIDED = 4,300 SQ. FT.
 DISTURBED AREA = 1.3 ACRES

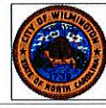
TREE CALCULATIONS
 REQUIRED: 1.788 ACRES x 15 TREES/ACRES = 27 TREES
 PROVIDED = 39 TREES



NO.	REVISIONS	DATE
4	IRRIGATION SLEEVES	11/21/11
3	PER CITY STORM AND TRAFFIC	7/22/11
2	PER DENR EC, INFILTRATION GALLERY	5/25/11
1	PER CITY TRC	4/28/11

THIS DOCUMENT ORIGINALLY ISSUED AND SEALED BY MARK I. ANJOUR P.E., NC 24419 ON JULY 22, 2011. THIS MEDIA SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT.

NO.	DESCRIPTION	DATE	BY	FILE NAME
DESIGNED	M.T.A.			
DRAWN	H.W.L.			
CHECKED	M.T.A.			
PROJ. ENGR.	M.T.A.			



WILMINGTON North Carolina
 Development Services • Engineering Division
 P.O. Box 3110 • NC Central Tower • Wilmington, NC 28402 • (910) 761-7600

DATE: MAR. 23, 2011
 PROJECT NUMBER: S6-1008

PROJECT: City of Wilmington
 Dram Tree
 Parking Expansion
 LOCATION: 520 SURRY STREET
 NEW HANOVER COUNTY
 WILMINGTON, NORTH CAROLINA 28402



CRISER TROUTMAN TANNER CONSULTING ENGINEERS NC
 3109 Peachtree Ave., Suite 102
 Wilmington, NC 28403
 910.397.2929 Ph.
 910.397.2914 Fax
 Email: ctt@ctteengineering.com
 Firm License Number: F01213
 CTT 009 84373

DEVELOPER / APPLICANT:
 THE CITY OF WILMINGTON
 P.O. BOX 1810
 WILMINGTON, NORTH CAROLINA 28401
 PHONE: 910-341-7610

OWNER:
 CAROLINA POWER & LIGHT
 RALEIGH, NORTH CAROLINA 27699
 LANDSCAPE PLAN

SCALE: AS NOTED
 SHEET: of