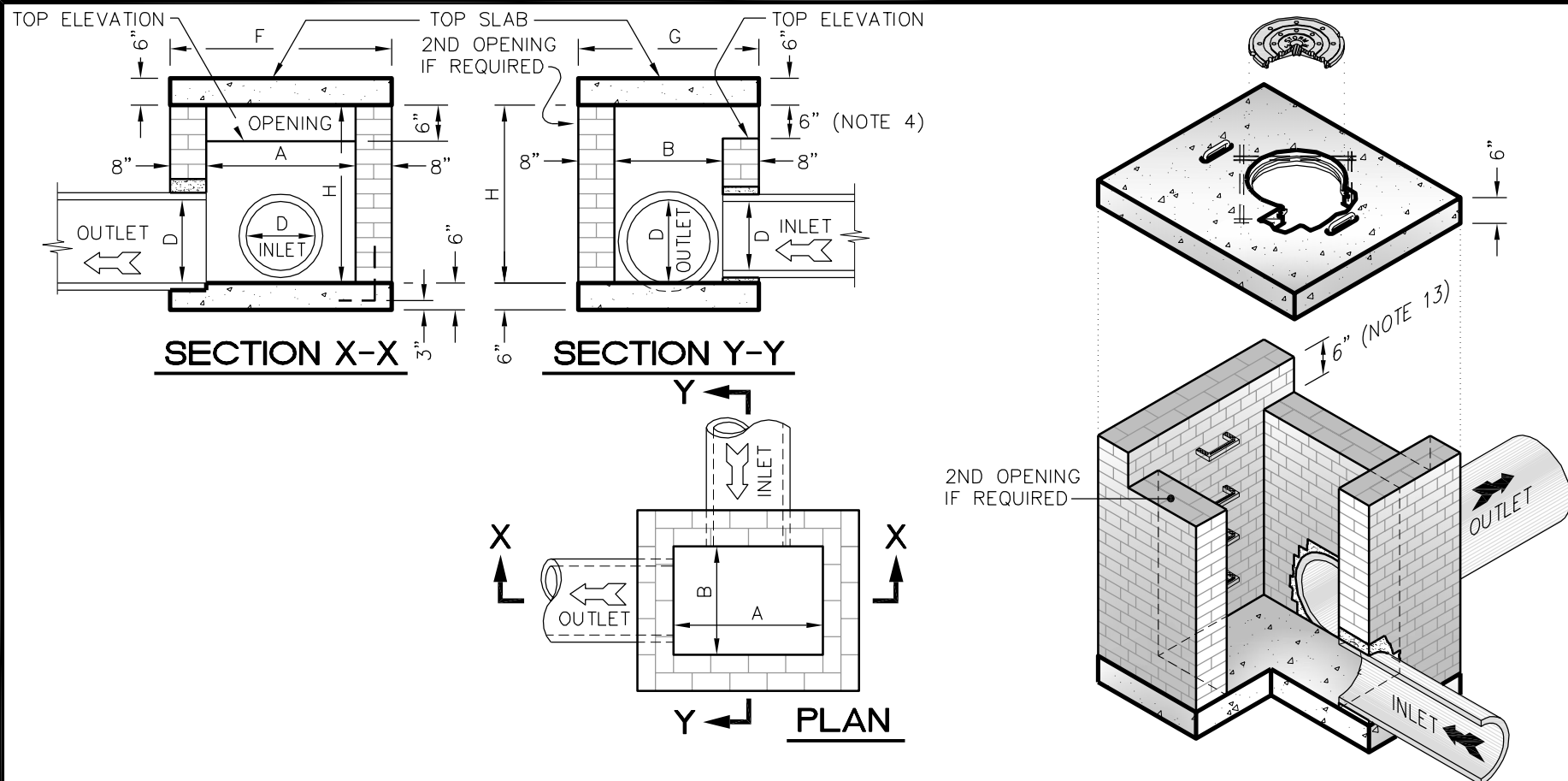




NOTES:

1. Use #5 bar dowels at 12" centers.
2. Deduct for pipe(s) from total cu. yds. of brick masonry.
3. If reinforced concrete pipe is set in bottom slab of box, add to slab as shown on Std. detail No. 610.03.
4. Increase the size of the 6" opening to 8" max., as directed by the City Engineer by adding 2" to the wall height above the top elevation. Adjust quantities accordingly.
5. See sheet 2 of 2 for dimensions.
6. See Std. detail No. 610.01 for standard notes.



PUBLIC WORKS DEPARTMENT
1500 Beatty Street
Greenville, North Carolina 27834

CITY OF GREENVILLE, N.C.

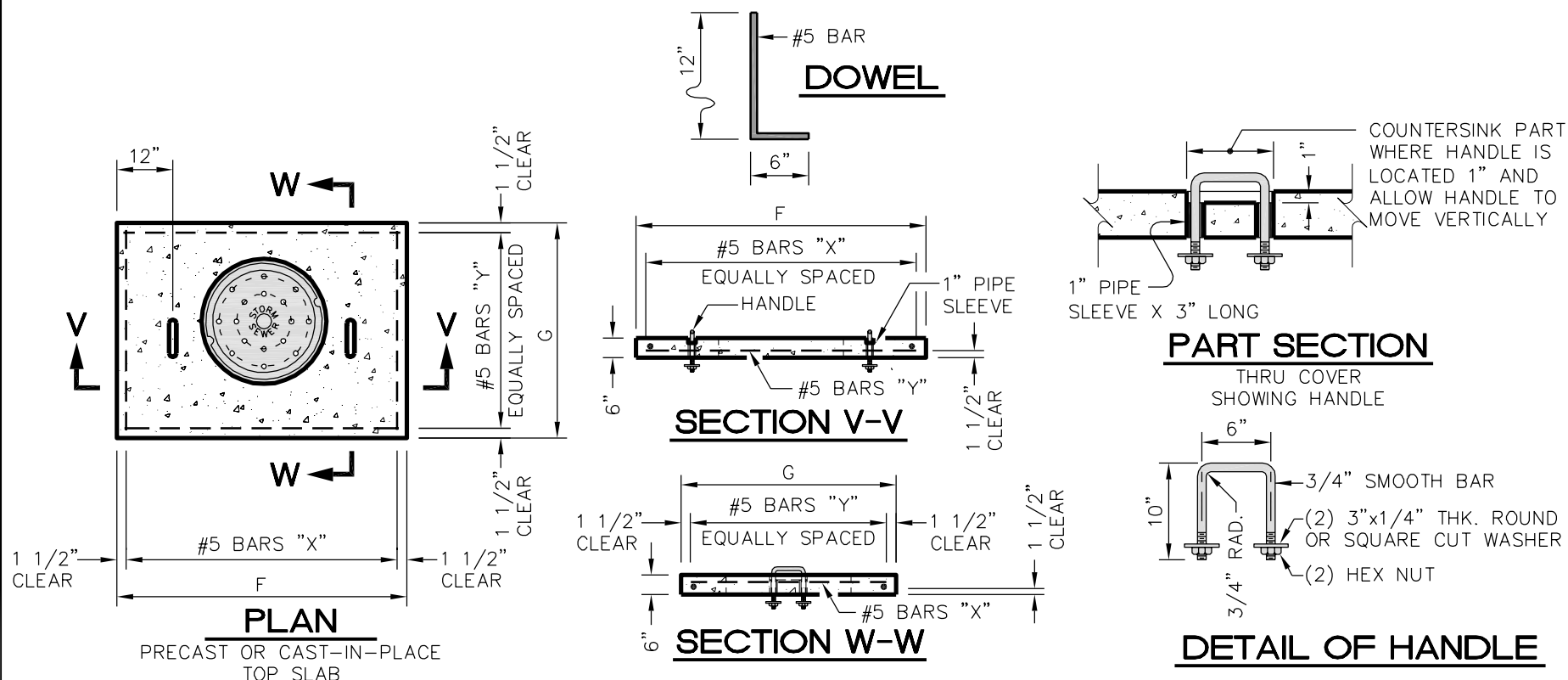
USE WITH THE CITY OF GREENVILLE, N.C. STANDARD SPECIFICATIONS ONLY

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No.	Date	Description
1	9/16/11	APPROVAL
Scale:	Sheet #:	Detail #
not to scale	1 of 2	610.05

BRICK OPEN THROAT CATCH BASIN (15" THRU 48" PIPE)

DIMENSIONS OF BOX & PIPE				REINFORCING					SLAB DIMENSIONS		CUBIC YARDS CONC. IN BOX			TOTAL BRICK MASONRY		DEDUCTION ONE PIPE		DED. ONE 6" THROAT OPENING
PIPE	SPAN	WIDTH	HEIGHT	BARS - X		BARS - Y		TOTAL										
D	A	B	H	Qty.	LENGTH	Qty.	LENGTH	LBS	F	G	COVER	FLOOR	TOTAL	PER FT. HT.	MIN. H	C.S.	R.C.	CU. YDS
15"	3'-6"	2'-3"	2'-1"	5	3'-4"	7	4'-7"	28	4'-10"	3'-7"	0.214	0.321	0.535	0.350	0.744	0.031	0.059	0.043
18"	4'-0"	2'-8"	2'-4"	6	3'-9"	8	5'-1"	36	5'-4"	4'-0"	0.263	0.395	0.658	0.395	0.938	0.044	0.081	0.049
24"	4'-0"	2'-8"	2'-10"	6	3'-9"	9	5'-1"	36	5'-4"	4'-0"	0.263	0.395	0.658	0.395	1.136	0.078	0.134	0.049
30"	4'-0"	3'-6"	3'-4"	6	4'-7"	10	5'-1"	44	5'-4"	4'-10"	0.318	0.477	0.795	0.436	1.472	0.122	0.199	0.049
36"	4'-6"	4'-0"	3'-10"	6	5'-1"	11	5'-7"	52	5'-10"	5'-4"	0.384	0.576	0.960	0.485	1.879	0.176	0.278	0.056
42"	5'-0"	4'-6"	4'-4"	6	5'-7"	13	6'-1"	65	6'-4"	5'-10"	0.456	0.684	1.140	0.535	2.340	0.240	0.371	0.062
48"	5'-0"	5'-0"	4'-10"	6	6'-1"	14	6'-1"	71	6'-4"	6'-4"	0.495	0.743	1.238	0.559	2.725	0.313	0.476	0.062



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Scale: not to scale	Sheet #: 2 of 2	Detail # 610.05
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BRICK OPEN THROAT CATCH BASIN (15" THRU 48" PIPE)