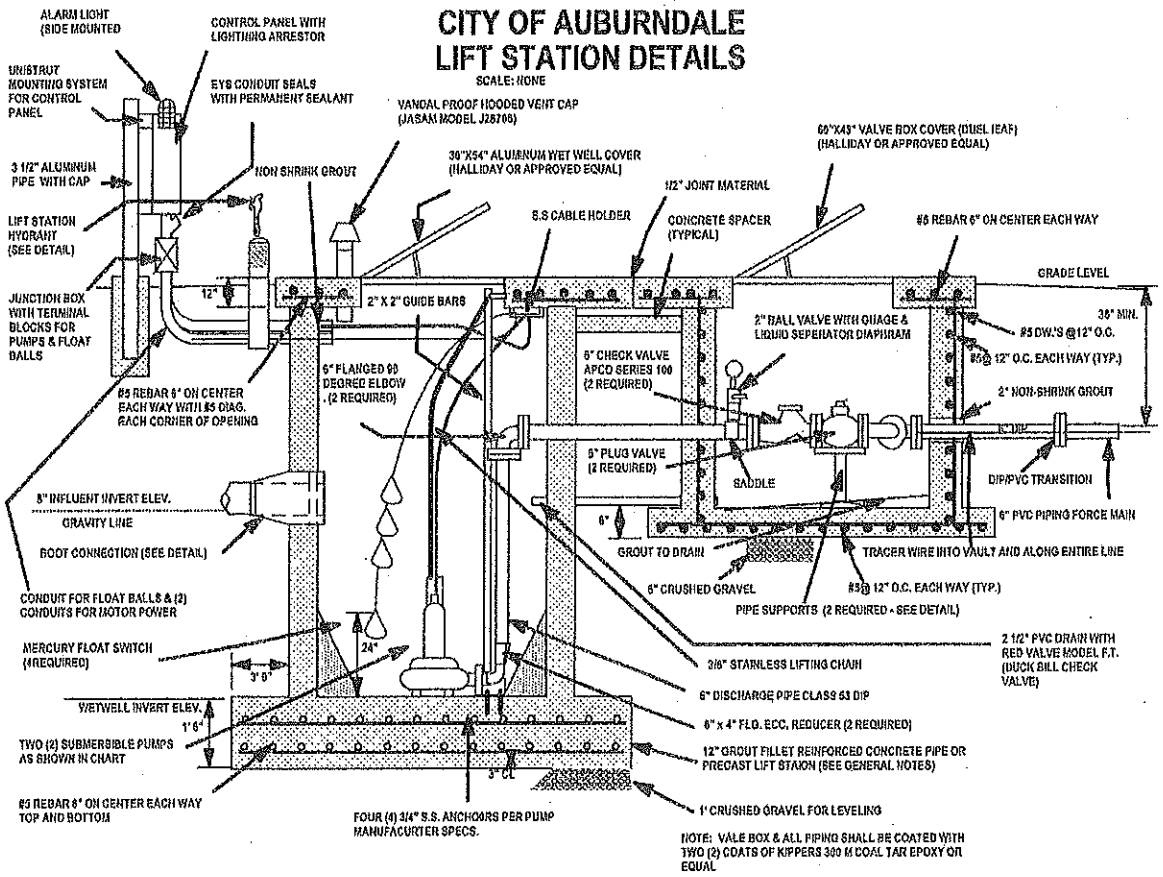
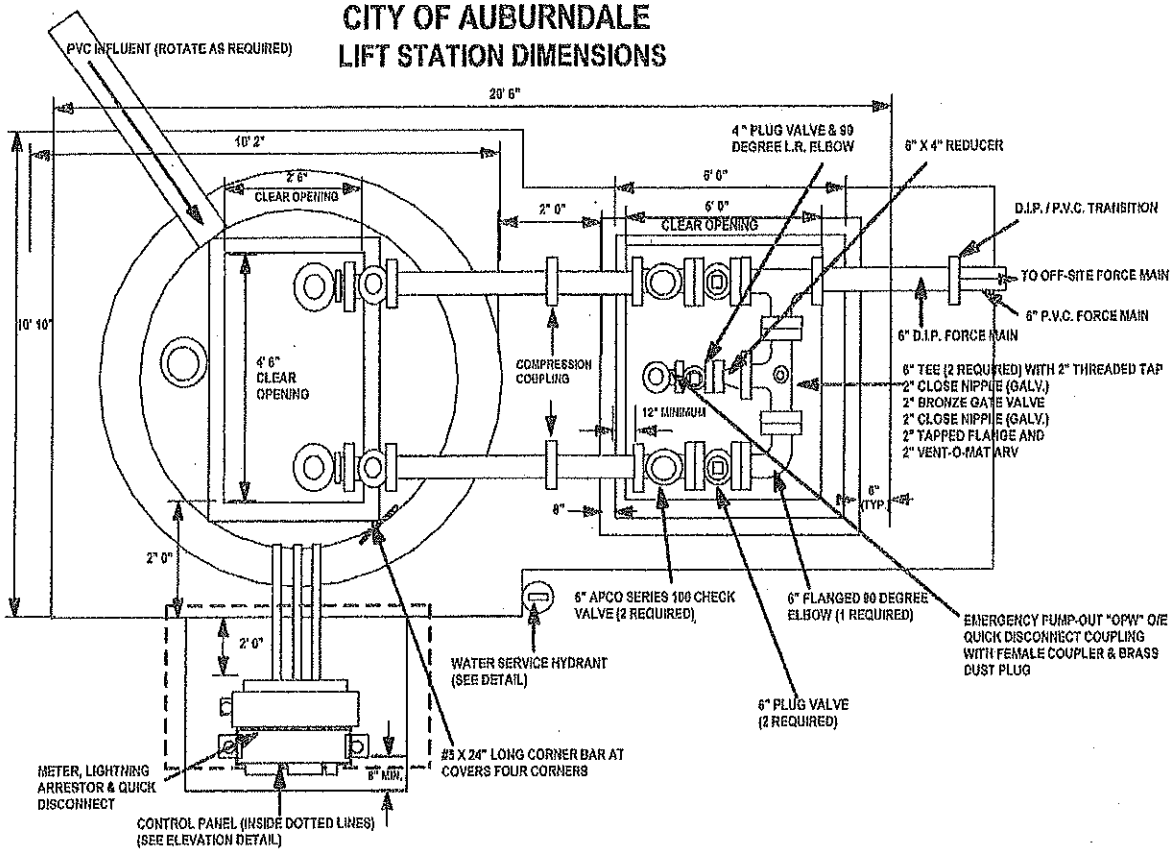
CITY OF AUBURNDALE
LIFT STATION DETAILS

SCALE: NONE



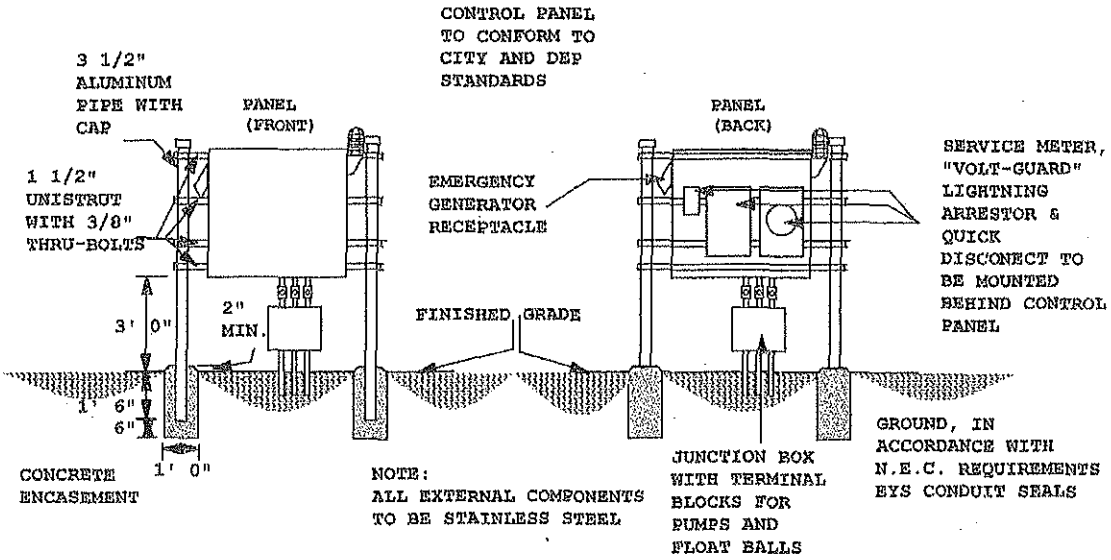
CITY OF AUBURNDALE
LIFT STATION DIMENSIONS



CITY OF AUBURNDALE

CONTROL PANEL ELEVATION

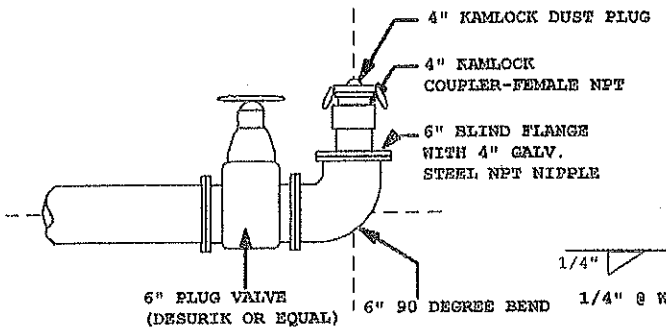
SCALE: NONE



CITY OF AUBURNDALE

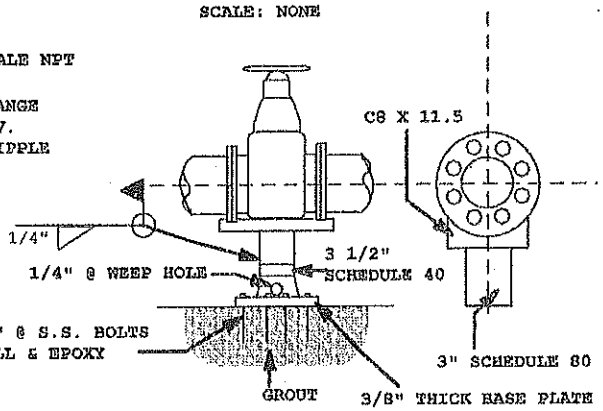
EMERGENCY PUMP-OUT FOR 6" FORCE MAIN

SCALE: NONE



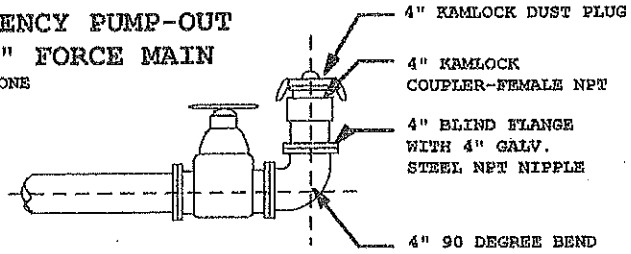
PIPE SUPPORT DETAIL

SCALE: NONE

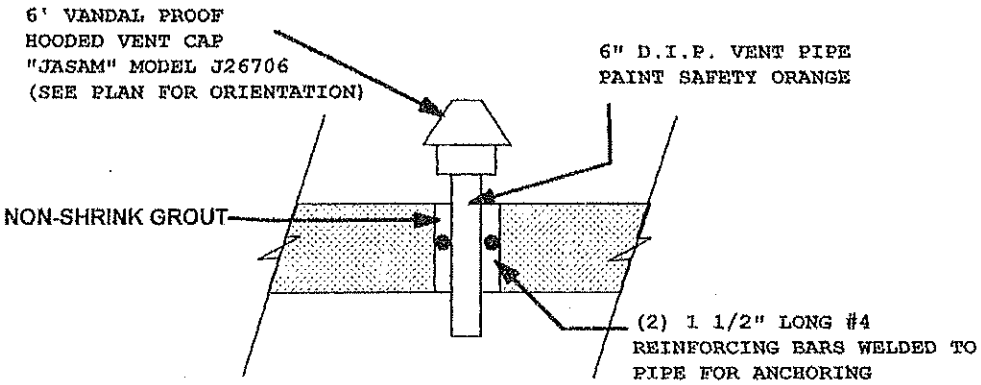


EMERGENCY PUMP-OUT FOR 4" FORCE MAIN

SCALE: NONE

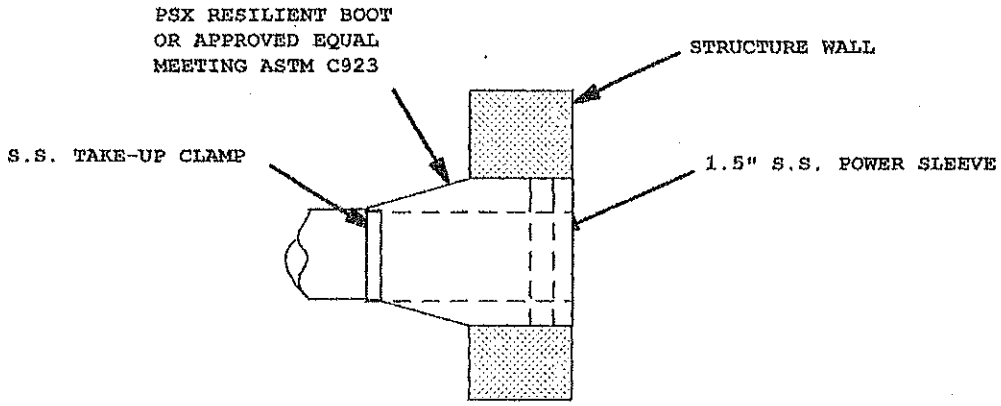


CITY OF AUBURNDALE



WET WELL VENT DETAIL

SCALE: NONE

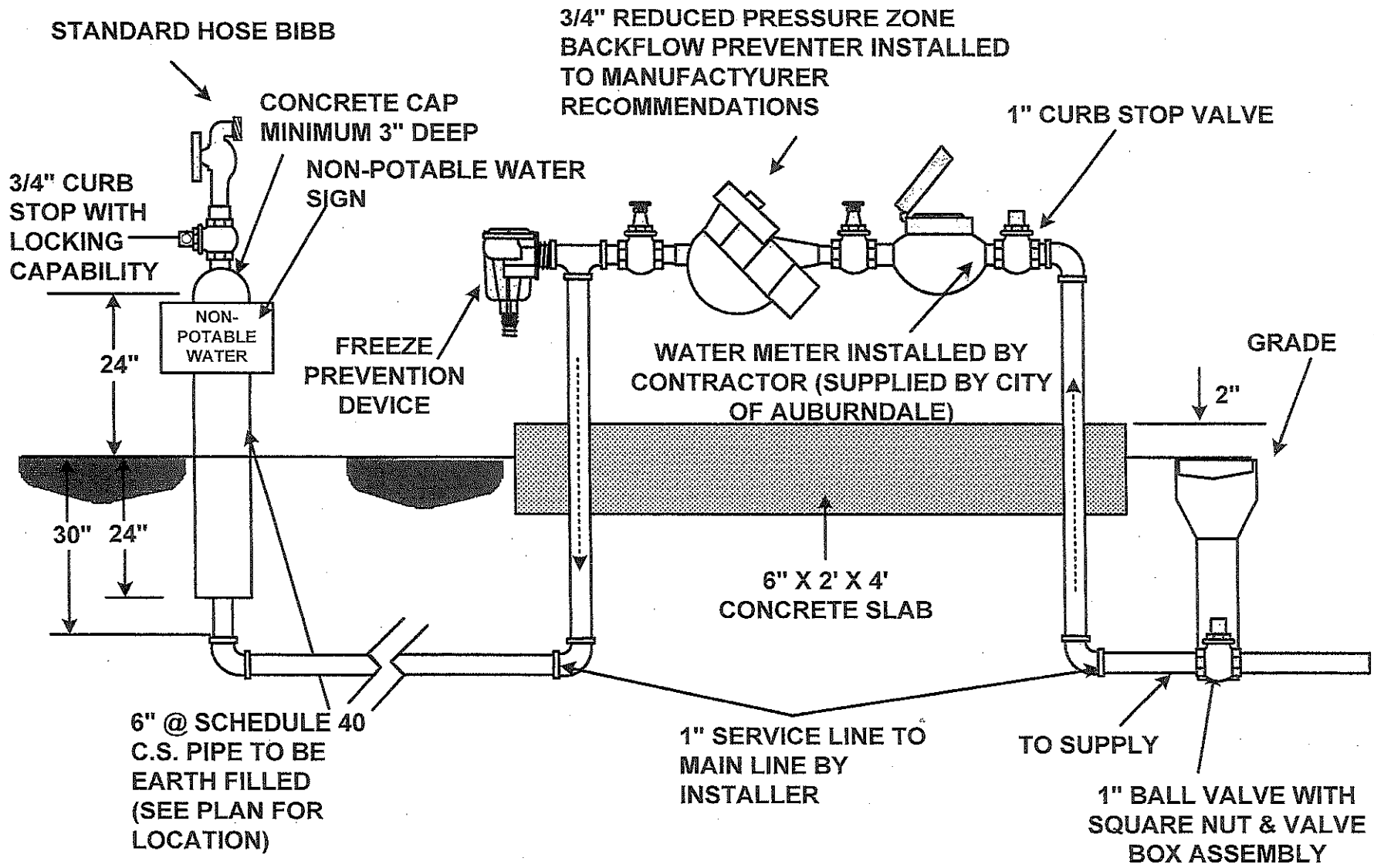


RESILIENT BOOT CONNECTION DETAIL

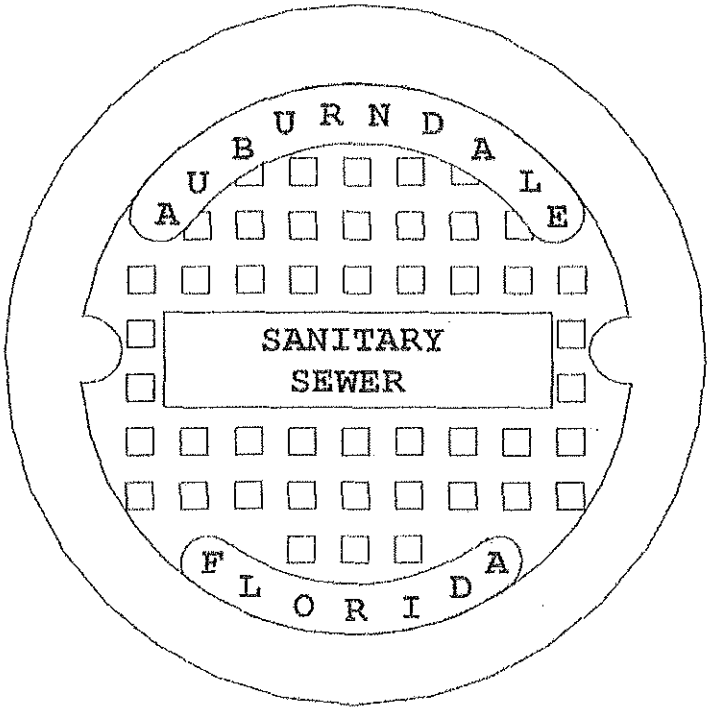
SCALE: NONE

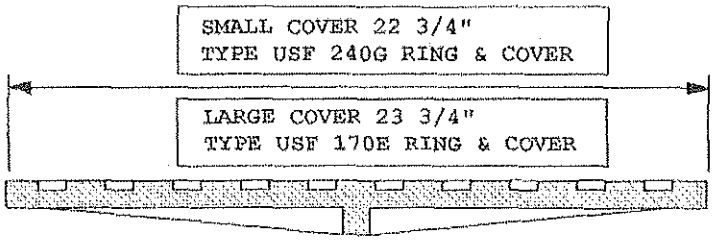
CITY OF AUBURNDALE
WASHDOWN HYDRANT
AND BACKFLOW DEVICE

SCALE: NONE Lift Station



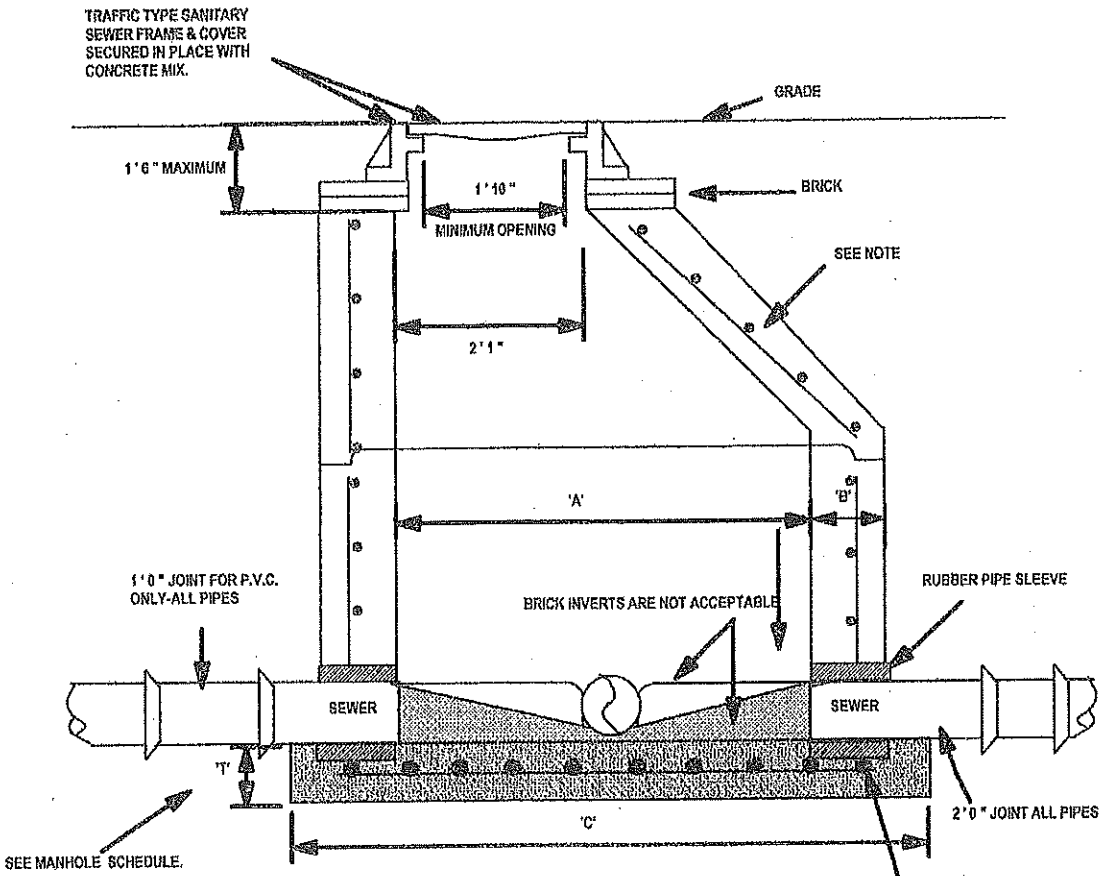
CITY OF AUBURNDALE
STANDARD MANHOLE COVER





CITY OF AUBURNDALE

NOTE: CAST IN PLACE OR PRE-CAST CONCRETE MANHOLE, WALL THICKNEWW AS SHOWN, COAT INSIDE AND OUTSIDE WITH TWO (2) COATS OF COAL TAR EPOXY.

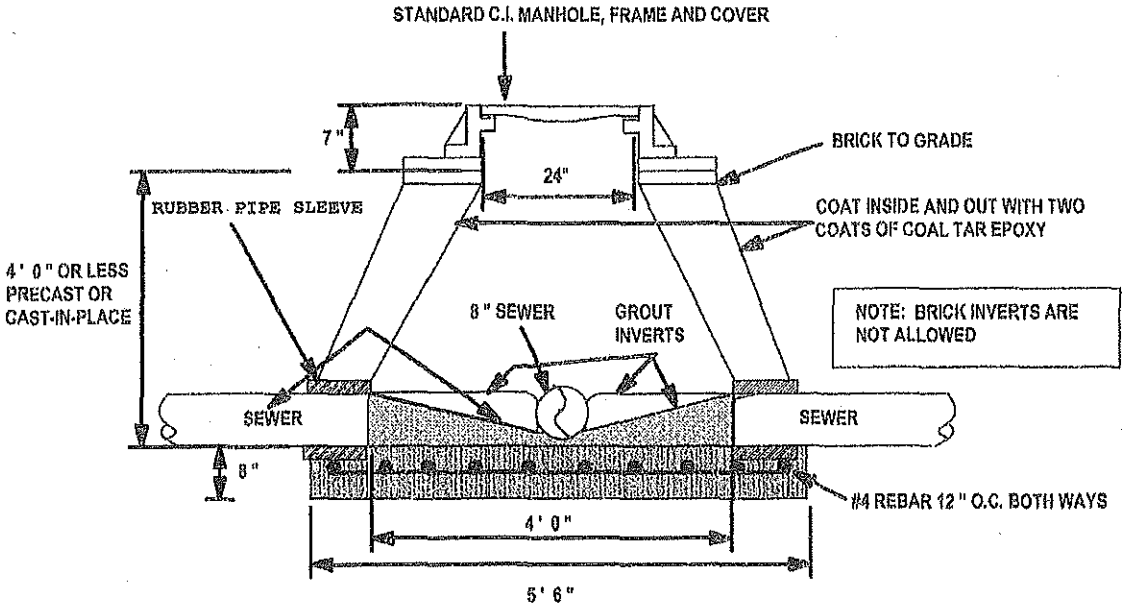


STANDARD MANHOLE
DEPTH 5'-0" & GREATER

TYPICAL MANHOLE DIMENSIONS

PIPE DIA	'A'	'B'	'C'	BOT. SLAB 'T'	REIN. STEEL
8"-24"	4'0"	8"	70"	8"	#4@12" EACH WAY
30"-36"	5'0"	8"	70"	10"	#5@12" EACH WAY
48"	6'0"	8"	86"	12"	#5@12" EACH WAY

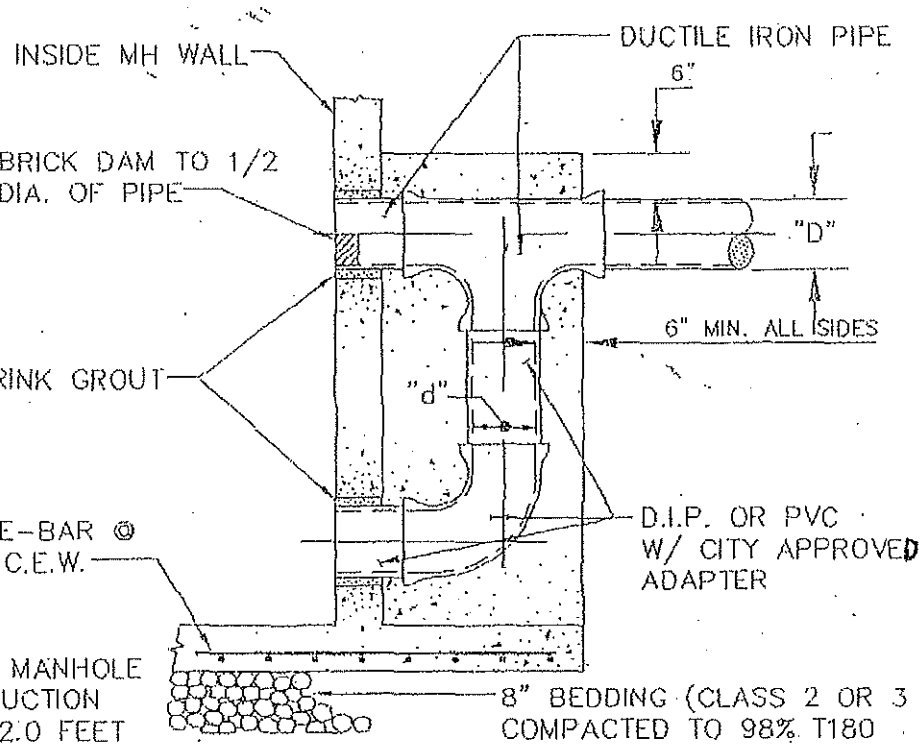
CITY OF AUBURNDALE
STANDARD SHALLOW MANHOLE



CITY OF AUBURNDALE
TYPICAL DROP MANHOLE DESIGN

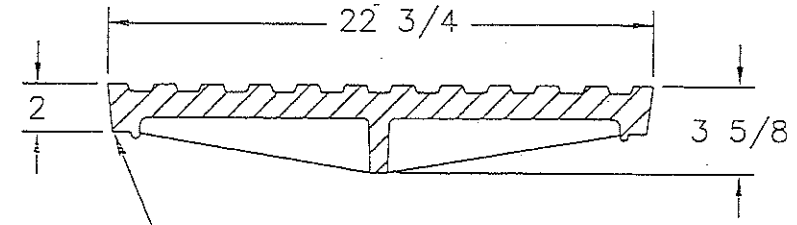
DROP MANHOLE SCHEDULE	
INLET PIPE DIA. "D"	INLET PIPE DIA. "d"
8"	8"
10"	8"
12"	10"
15"	12"
18"	15"
21"	18"
24"	18"

DETAIL: 7



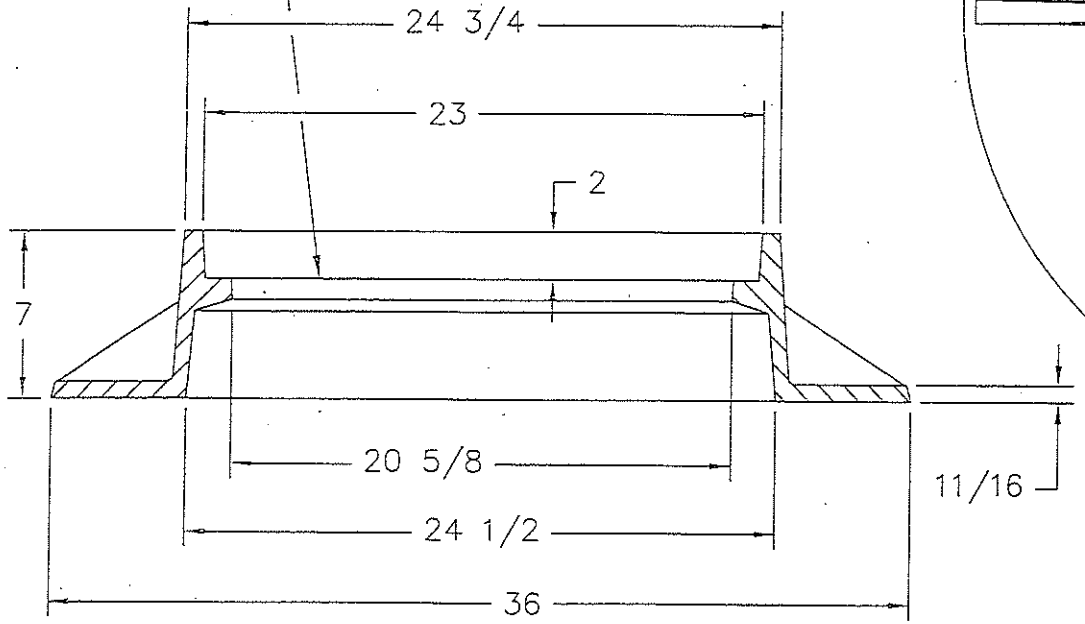
NOTE:
OUTSIDE DROP CONNECTION AT MANHOLE REQUIRED ON ALL NEW CONSTRUCTION WHERE INVERT DROP EXCEEDS 2.0 FEET

MANHOLE OUTSIDE DROP CONNECTION

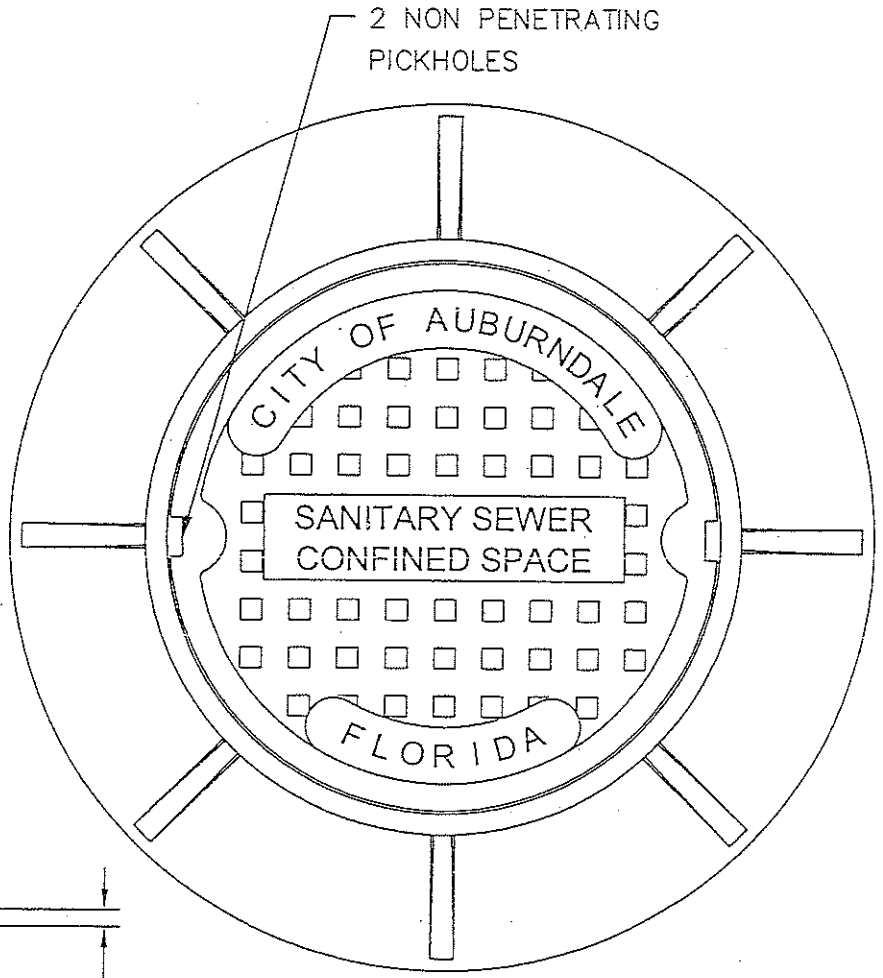


COVER

MACHINED SURFACES



RING



U.S. FOUNDRY & MFG. CORP.
MEDLEY, FLORIDA

DESCRIPTION:
USF 420 RING & G COVER

MATERIAL: ASTM-A48 GRAY IRON CLASS: 30B

RING WEIGHT: 240 COVER WEIGHT: 130

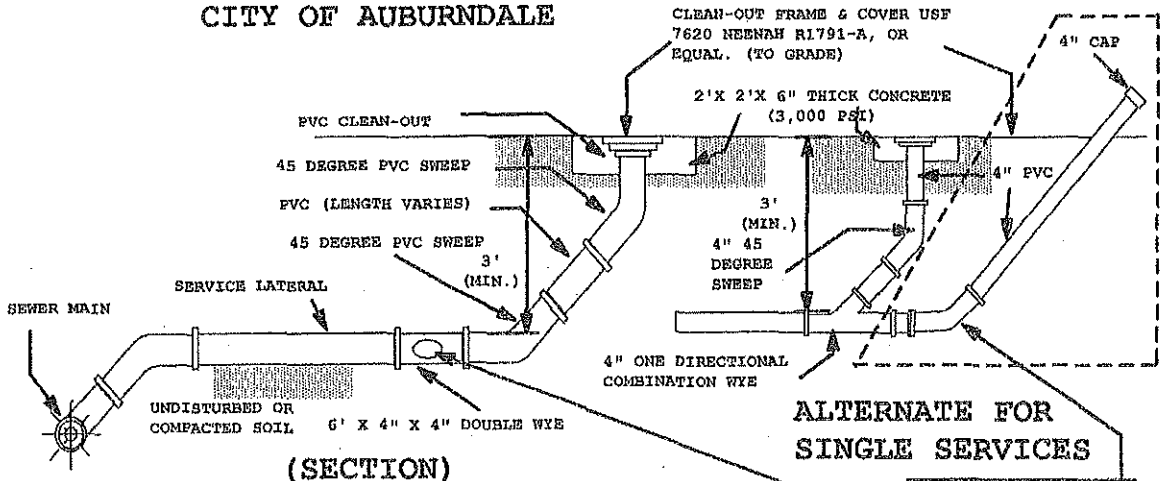
UNLESS OTHERWISE NOTED WEIGHT IS IN POUNDS AND APPROXIMATED

DWN. BY:	SCALE:	ITEM No:	DWG. No:	DWG DATE:
HJF	1/8"= 1"	8011816	A6527	06-7-05

REV: 1

REV:	DATE:	DESCRIPTION:	REV BY:	CHK. BY:
1	06-07-05	Boan NEW FORMAT.	HJF	

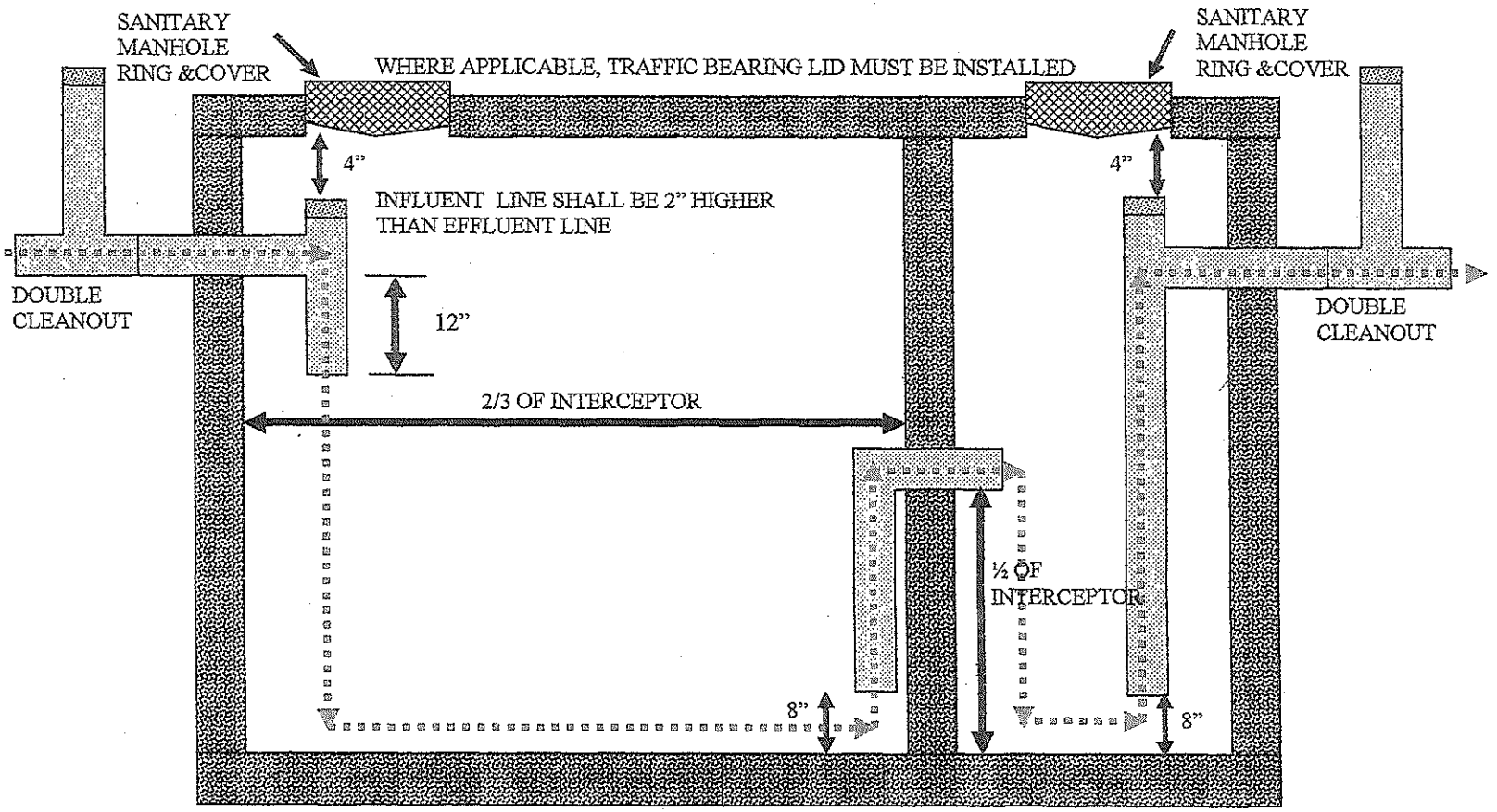
CITY OF AUBURNDALE



SERVICE LATERAL DETAILS

*SERVICE LATERAL:
MAX LENGTH = 100 FT.
DOUBLE SERVICE - 6" @ 0.70% MIN. SLOPE
SINGLE SERVICE - 4" @ 1.00% MIN. SLOPE

CITY OF AUBURNDALE
TYPICAL GREASE INTERCEPTOR DIAGRAM



1. MINIMUM SIZE FOR ALL GREASE INTERCEPTORS SHALL BE 900 GALLONS.
2. CONSTURCTION MATERIALS CAN BE PRECAST OR BLOCK. (IF BLOCK IS USED THEY MUST BE EPOXY COATED.)
3. A SANITARY MANHOLE RING SHALL BE INSTALLED OVER BOTH THE INLET AND OUTLET COMBINATION WYES FOR INSPECTION PURPOSES.
4. INLET AND OUTLET PIPES MUST BE SCHEDULE 40 PVC OR CAST IRON PIPE AND MUST BE 4" OR LARGER. INLET PIPE MUST BE 2" HIGHER THAN OUTLET PIPE.
5. A COMBINATION WYE MUST BE INSTALLED ON BOTH THE INLET AND OUTLET PIPES. THE OUTLET PIPE MUST EXTEND WITHIN 8" OF THE FLOOR. THE INLET PIPE MUST EXTEND 12" DOWN FROM THE WYE. BOTH LINES MUST BE WITHIN 4" FROM THE TOP OF THE INTERCEPTOR.
6. A PARTITION WALL MUST BE INSTALLED 2/3 THE DISTANCE FROM THE INLET TO THE OUTLET PIPES AND ALL THE WAY TO THE TOP OF THE INTERCEPTOR. A PIPE EQUAL TO THE SIZE OF THE INLET PIPE MUST BE INSTALLED ½ THE DISTANCE FROM THE TOP TO THE BOTTOM OF THE WALL WITH A 90 DEGREE BEND INSTALLED ON THE INLET SIDE EXTENDED TO WITHIN 8" FROM THE FLOOR.
7. WHEN AN INTERCEPTOR IS INSTALLED IN A TRAFFIC AREA, THE TOP MUST MEET SPECIFICATIONS FOR TRAFFIC BEARING CONCRETE SLABS.
8. A DOUBLE COMBINATION WYE MUST BE INSTALLED ON BOTH THE INLET AND OUTLET PIPES JUST OUTSIDE THE INTERCEPTOR.