



# CITY OF TAMPA

Pam Iorio, Mayor

CONTRACT ADMINISTRATION DEPARTMENT

David L. Vaughn, AIA, Director

## ADDENDUM NO. 2

DATE: FEBRUARY 26, 2008

Project: 08-C-00023; ANNUAL WASTEWATER FORCE MAIN REPLACEMENT –FY08

Bidders on the above referenced project are hereby notified that the following addendum is made to the Contract Documents. BIDS TO BE SUBMITTED SHALL CONFORM TO THIS NOTICE.

Item 1: Insert, after page SP-15, attached pages SP-16, SIGN-1, and SIGN-2.

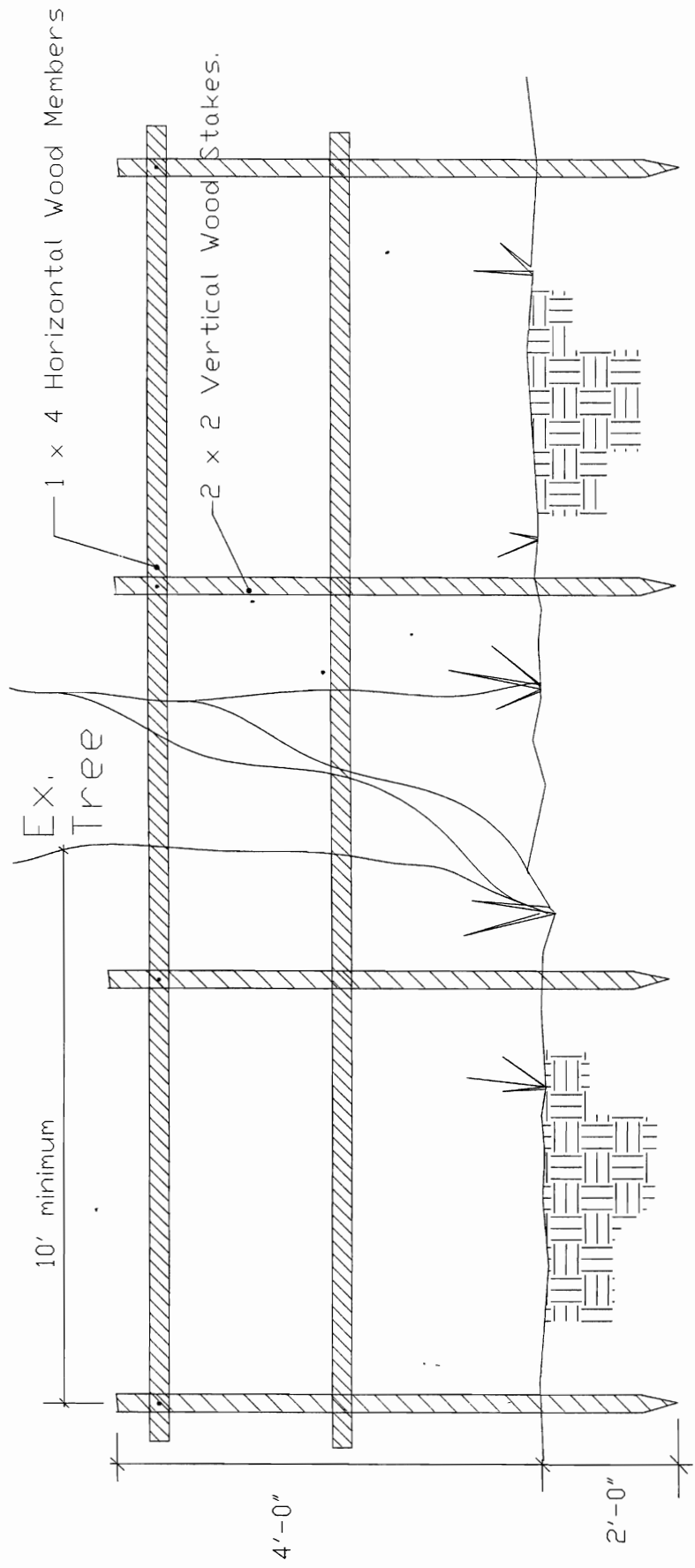
Item 2: Insert, after Specific Provisions, the attached plan sheets: Sheet 1 of 2 and Sheet 2 of 2.

This addendum shall be included in and attached to the inside cover of the Contract Documents by and upon which bids are submitted.

All other provisions of the Contract Documents and Specifications not in conflict with this Addendum shall remain in full force and effect.

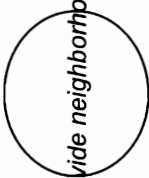
Questions may be directed to Jim Greiner, P.E.; Telephone (813) 274-8598, fax (813) 274-8080, or e-mail [Jim.Greiner@tampagov.net](mailto:Jim.Greiner@tampagov.net).

Jim Greiner, P.E., Contract Manager  
Contract Administration Department

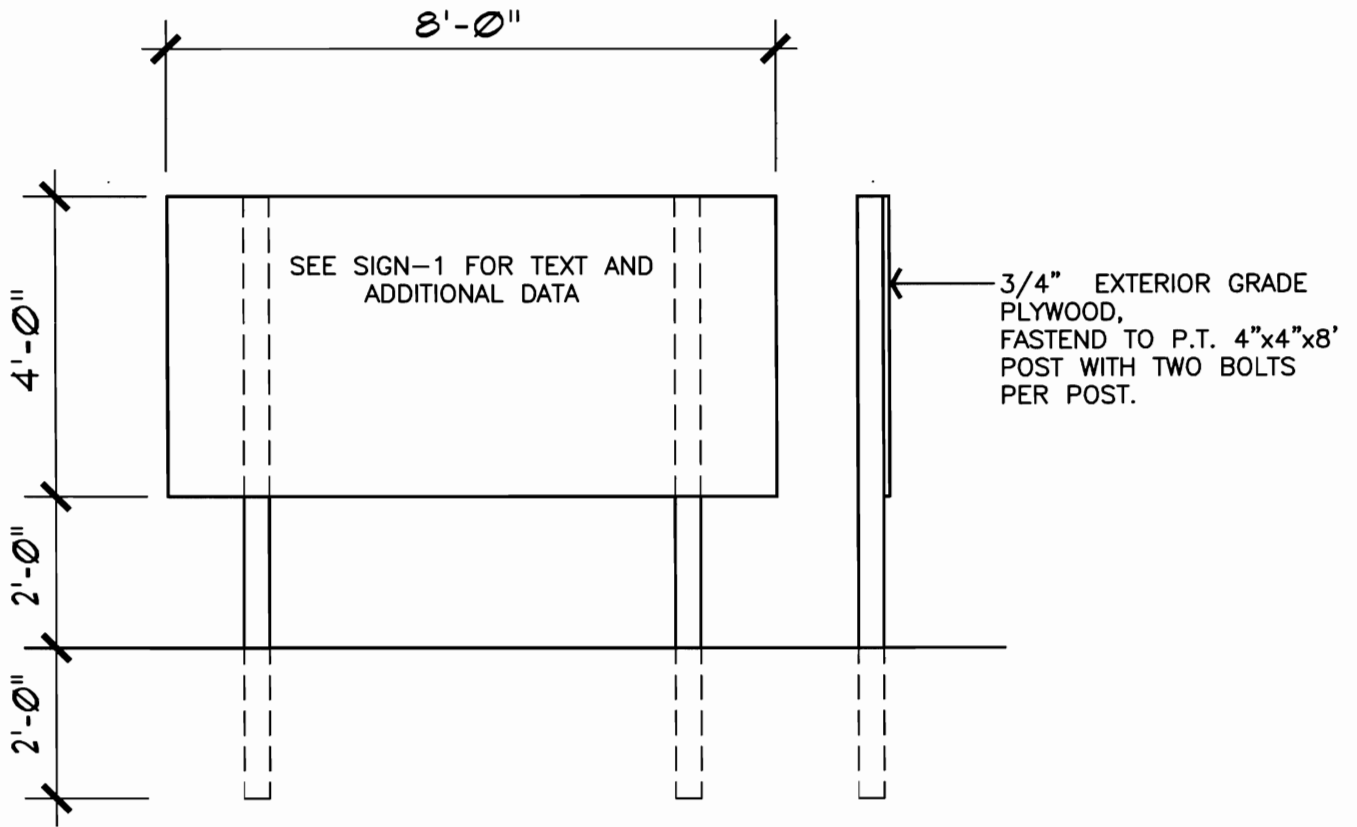


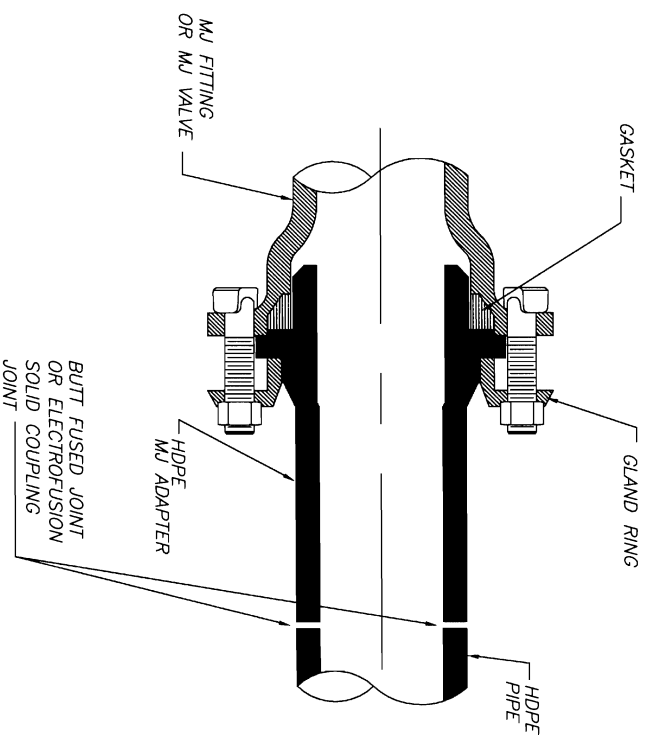
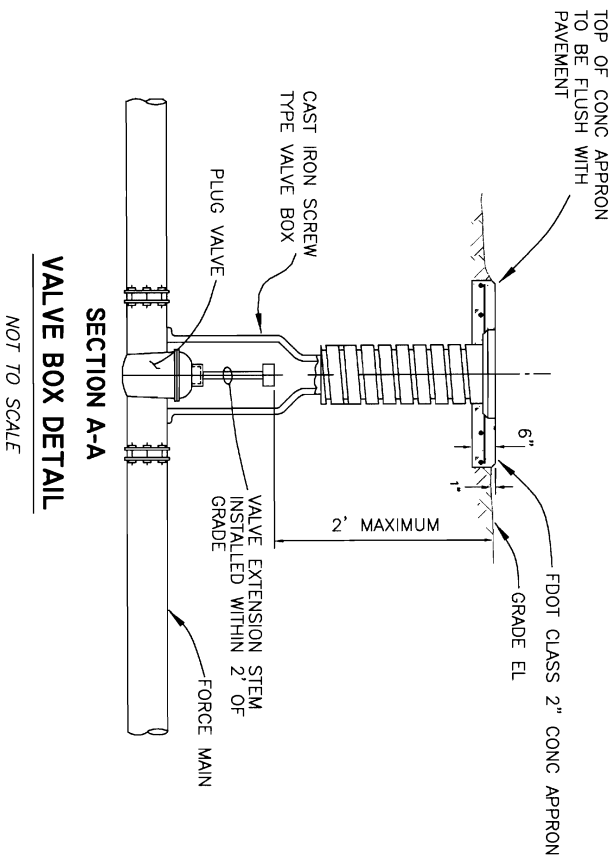
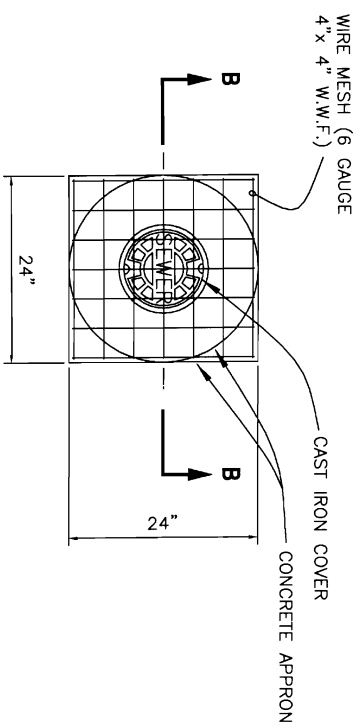
Barricade Detail

NTS

 <i>City to provide neighborhoods decal</i>	<b>City of Tampa Improvement Project</b> <i>brief project description (2 - 3 lines)</i>  <i>total appropriated cost (round off) - duration of construction</i> <b>Scheduled for completion in (date)</b>  <i>supplemental project description (max. 2 lines)</i>  <b>For information, please call : (813) 635-3400</b>
<hr/> <p><b>Project Manager :</b> Don Cermeno DPW Construction Engineer City of Tampa</p> <p><b>Phone :</b> (813) 635-3400 <b>Email :</b> don.cermeno@tampagov.net</p> <p><i>contractor name here</i></p>	

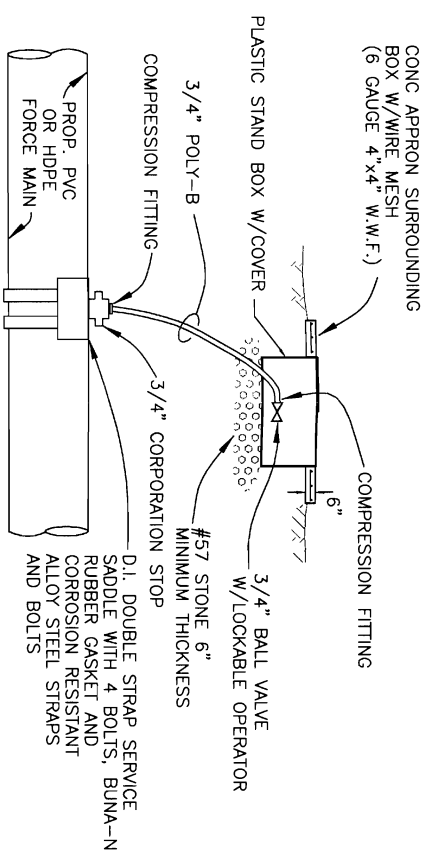
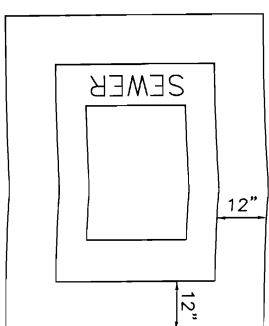
- NOTES :
1. Letter Color : Black, Font : Times New Roman, bold.
  2. Background Color (front, back and edges) : Benjamin Moore Paint, Natural Wicker OC-1.
  3. Post Color : Black.
  4. Contractor shall verify text with the City prior to sign fabrication.





**NOTE: SCHEMATIC SHOWN FOR STANDARD MJ FITTINGS AND PLUG VALVES**

NOT TO SCALE



**AIR RELEASE VALVE DETAIL**

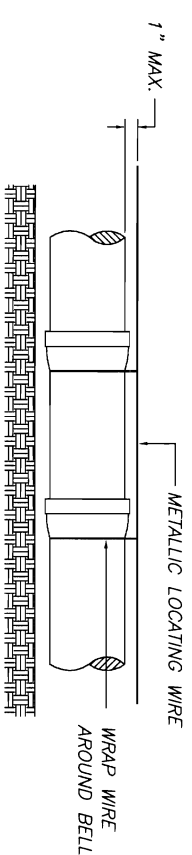
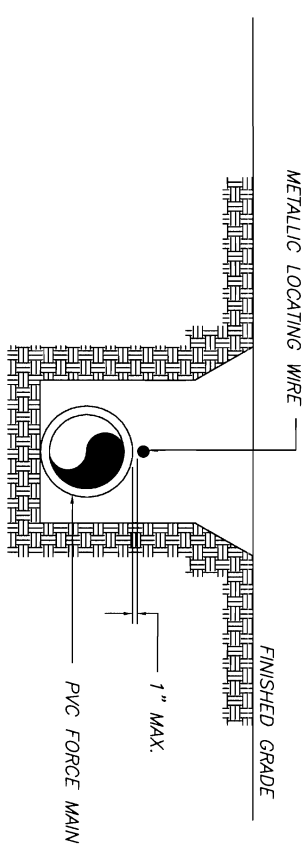
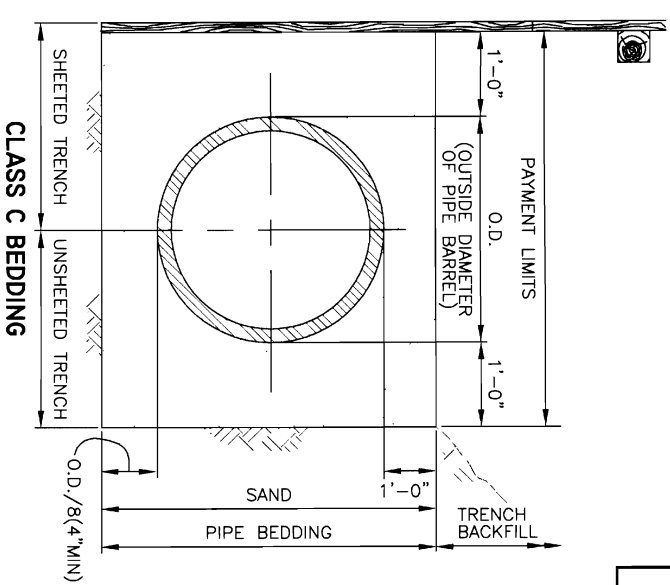
NOT TO SCALE

	RESTRAIN "A" (LF)											
FITTING	4"	6"	8"	10"	12"	16"	18"	20"	24"			
11-1/4"	2*	2*	3*	4*	4*	5*	6*	6*	7*			
22-1/2"	3*	5*	6*	7*	9*	11*	12*	13*	15*			
45"	7*	10*	13*	15*	18*	23*	25*	27*	31*			
90"	17*	24	31	37	43	55	60	65	75			
PLUG/CAP	38	53	69	83	96	126	139	153	178			

A=MINIMUM FOOTAGE OF PIPE TO BE RESTRAINED  
 \* MINIMUM ONE PIPE JOINT UPSTREAM AND DOWNSTREAM OF EACH FITTING SHALL BE RESTRAINED

- NOTES:
- THIS TABLE IS BASED ON:
    - MAXIMUM TEST PRESSURE OF 100 psi
    - LAYING CONDITION CLASS "C"
    - POOR SOIL CONDITIONS
    - HORIZONTAL BENDS ONLY (SEE NOTE 2)
    - USING PVC
  - RESTRAINED LENGTHS FOR VERTICAL BENDS AND TEES ARE TO BE DETERMINED ON A CASE BY CASE BASIS, AND SPECIFIED ON THE DESIGN PLANS.
  - RESTRAINING DEVICES FOR PVC PIPE SHALL BE BY MEGALUG OR EQUAL, MEETING ASTM F1674.
  - ANY ADDITIONAL FITTINGS WITHIN THE RESTRAINED SECTION SHALL BE RESTRAINED ACCORDINGLY.

**PVC PIPE (AWWA C900/C905) / FITTING RESTRAINT TABLE**



- NOTES:
- PVC PIPE SHALL REQUIRE INSULATED METALLIC LOCATING WIRE (14 GAUGE COPPER) CAPABLE OF DETECTION BY A CABLE LOCATOR AND SHALL BE BURIED DIRECTLY ABOVE THE CENTERLINE OF THE PIPE.
  - LOCATING WIRE SHALL TERMINATE AT THE TOP OF EACH VALVE BOX AND AIR RELEASE VALVE AND BE CAPABLE OF EXTENDING 12" ABOVE TOP OF BOX IN SUCH A MANNER SO AS NOT TO INTERFERE WITH VALVE OPERATION.
  - USE DUCT TAPE AS NECESSARY TO HOLD WIRE DIRECTLY ON THE TOP OF THE PIPE.
  - IF THE PVC PIPE CONNECTS TO A D.I. PIPE, WRAP THE LOCATING WIRE TIGHTLY THREE TIMES AROUND THE D.I. PIPE AND SECURE WITH A BRASS SPLIT BOLT CONNECTOR.
  - FOR INSTALLATION OF DIRECTIONAL BORE HDPE PIPE, THE CONTRACTOR SHALL SUBMIT A METHOD OF PLACING & SECURING THE LOCATING WIRE TO THE ENGINEER FOR APPROVAL.

**PIPE LOCATING WIRE DETAIL**

CITY OF TAMPA  
 WASTEWATER DEPARTMENT

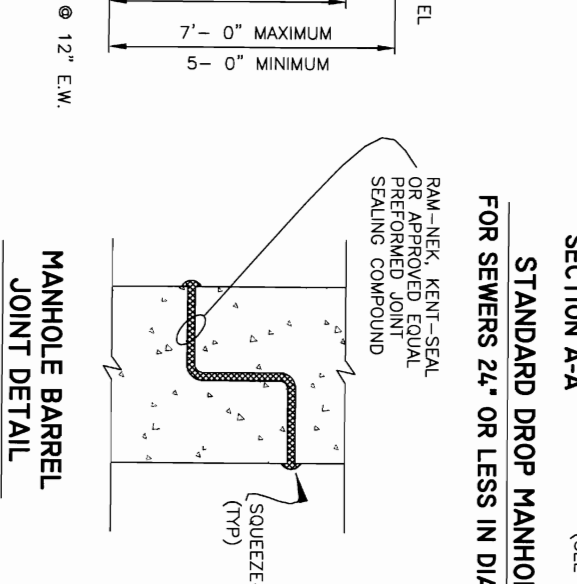
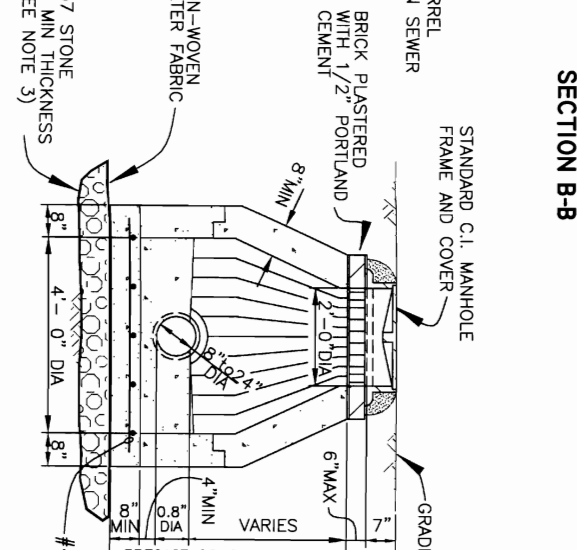
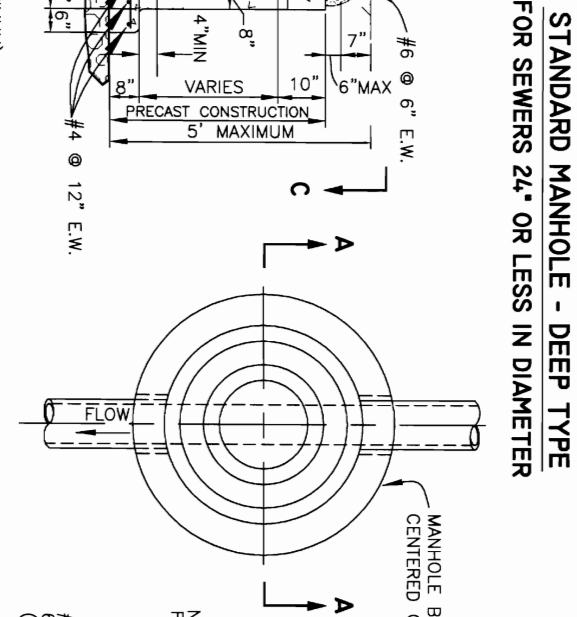
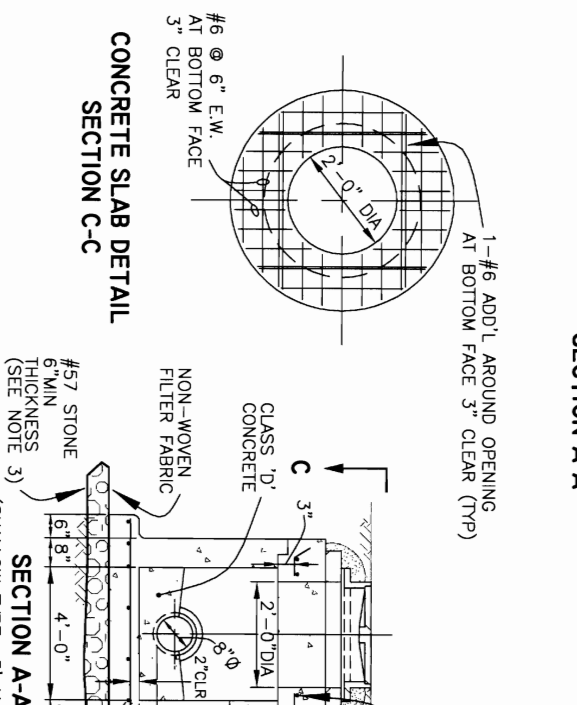
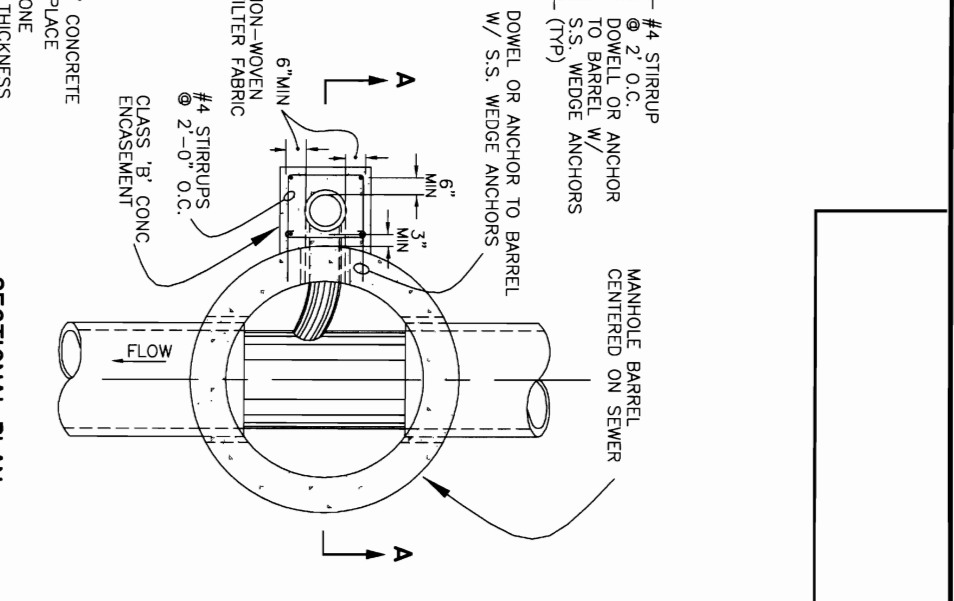
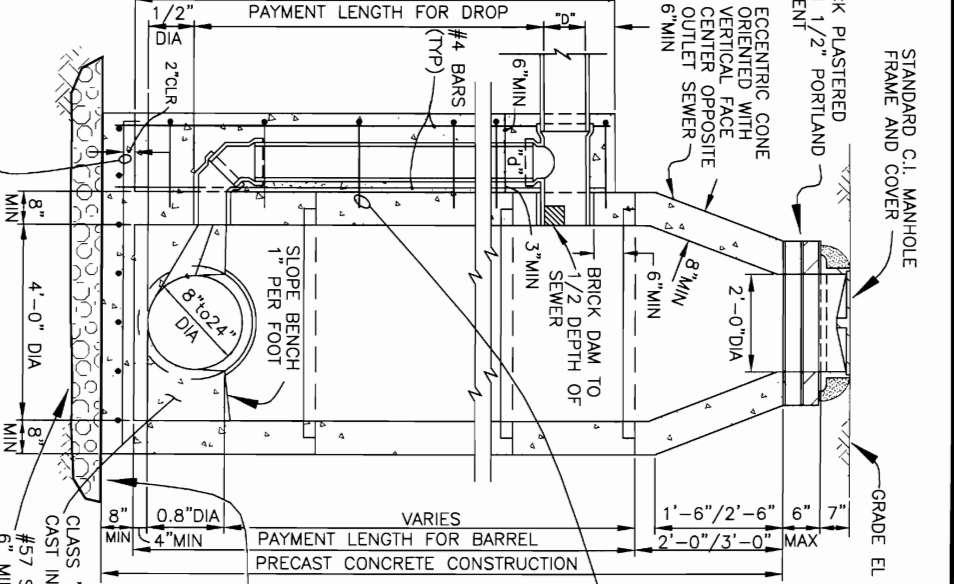
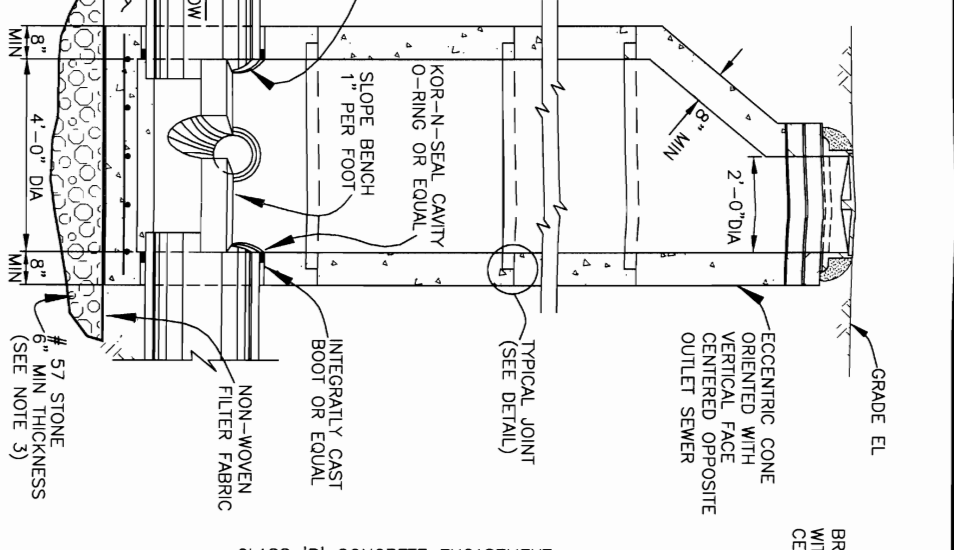
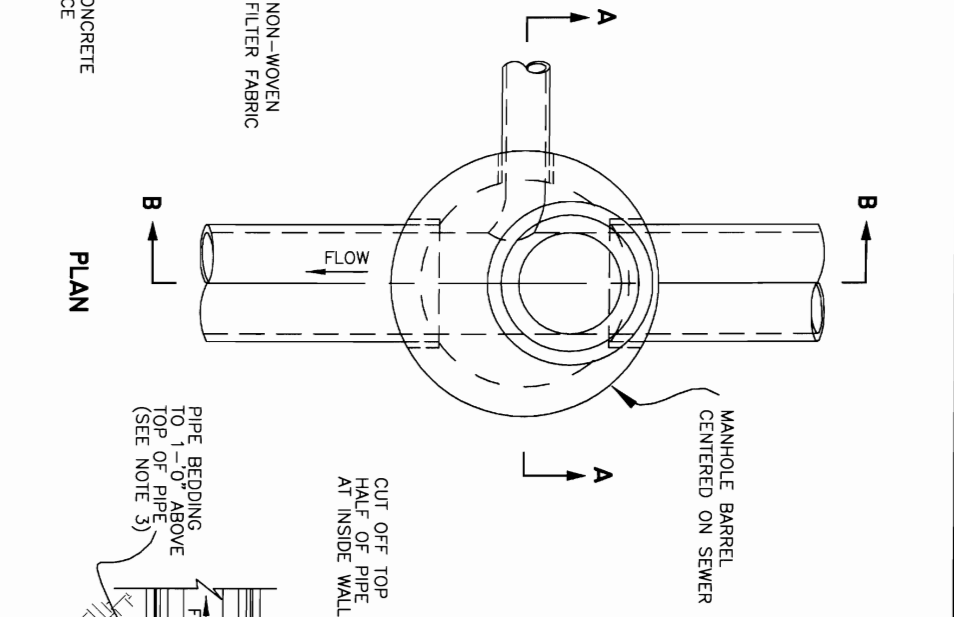
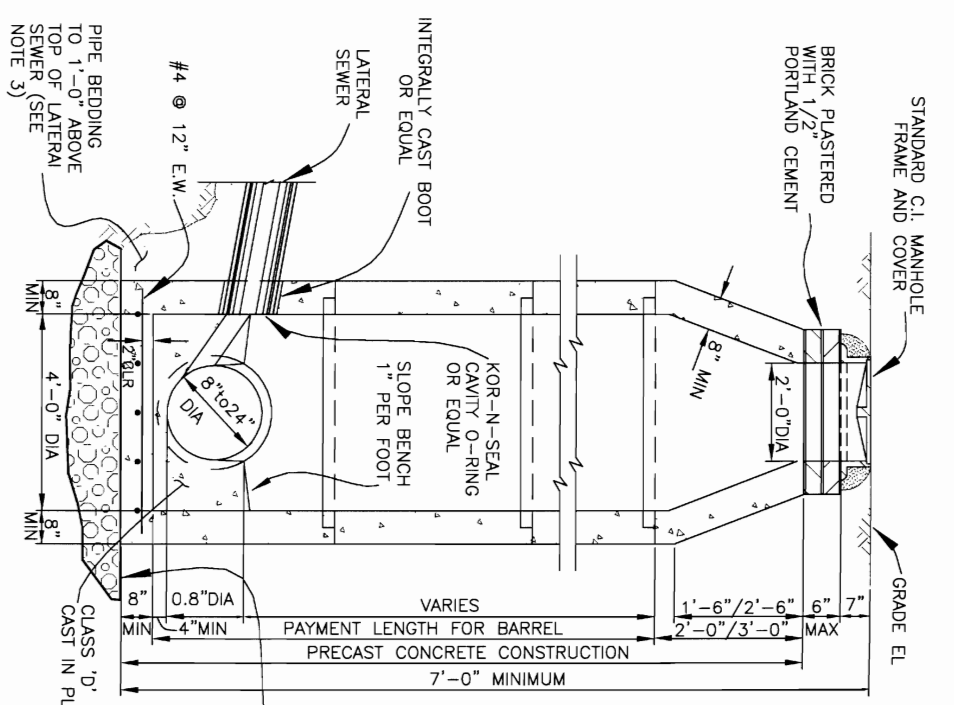
**FORCE MAIN DETAILS**  
 (NOT TO SCALE)

No.	DATE	REVISIONS	No.	DATE	REVISIONS
3			3		
2			2		
1			1		

DES: JPW  
 DRN: RS  
 CKD:  
 DATE:

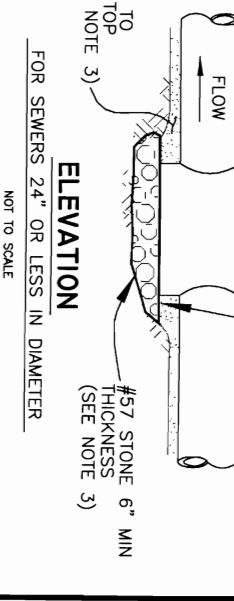
CITY OF TAMPA  
 WASTEWATER DEPARTMENT

W.O. 5369  
 SHEET  
 1  
 OF 2



SCHEDULE FOR DROP MANHOLE			
INLET PIPE DIAMETER "D"	Drop Pipe "d"	Drop Pipe "D"	Drop Pipe "d"
8"	8"	8"	8"
10"	10"	10"	10"
12"	12"	12"	12"
15"	15"	15"	15"
18"	18"	18"	18"
21"	21"	18"	18"
24"	24"	18"	18"

- NOTES**
1. REINFORCING STEEL FOR ALL MANHOLES SHALL CONFORM TO ASTM-DES. C-48 AND PLACED AS DESCRIBED IN THE SPECIFICATIONS.
  2. ALL PIPE STUBS FROM MANHOLES FOR FUTURE CONNECTIONS OR OTHER CONTRACT DIVISIONS SHALL BE PROVIDED WITH WATER TIGHT PLUGS PLACED FROM WITHIN THE MANHOLE.
  3. SEE SPECIFICATIONS FOR MATERIALS REQUIREMENTS AND PLACEMENTS AND COMPACTION OF PIPE AND STRUCTURE BEDDING.
  4. STANDARD SHALLOW-TYPE MANHOLES WITH DEPTHS BETWEEN A MAXIMUM OF 7'-0" AND A MINIMUM OF 5'-0" MUST HAVE A CONCRETE CONE FOR THE TOP SECTION.
  5. ALL MANHOLE JOINTS MUST BE SEALED WITH AN ACCEPTABLE JOINT SEALING COMPOUND REGARDLESS OF WHETHER AN O-RING GASKET IN A PREFORMED GROOVE IS USED.
  6. FILTER FABRIC SHALL BE NON-WOVEN FABRIC PER D.O.T. SPECIFICATION SECTIONS 514 AND 985 AND SHALL BE WRAPPED ENTIRELY AROUND THE #57 STONE.



No.	DATE	REVISIONS	No.	DATE	REVISIONS
3			3		
2			2		
1			1		

DES: JPW	DRN: RS	DES: JPW	DRN: RS
GKD:	GKD:	GKD:	GKD:
DATE:	DATE:	DATE:	DATE:

CITY of TAMPA		MANHOLE DETAILS	
WASTEWATER DEPARTMENT		(NOT TO SCALE)	

W.O. 5369	SHEET
2	2