



**CARLISLE PUMP STATION DRAIN PIPE & POTRANCO ROAD INTERCONNECT**  
**Solicitation Number: CO-00253**  
**Job No.: 17-7003 and 18-6007**

**ADDENDUM 1**  
**April 9, 2019**

To Bidder of Record:

This addendum, applicable to work referenced above, is an amendment to the bid proposal, plans and specifications and as such will be a part of and included in the Contract Documents. Acknowledge receipt of this addendum by entering the Addendum number and issue date on the space provided in submitted copies of the bid proposal.

**RESPONSES TO QUESTIONS**

**NO QUESTIONS WERE RECEIVED FOR THIS SOLICITATION.**

**CHANGES TO THE PLANS**

1. **Plan 12** - Delete and replace with the revised Plan 12, attached to this Addendum.
2. **Plan 13** - Delete and replace with the revised Plan 13, attached to this Addendum.

**CLARIFICATIONS**

1. The Project estimate has been modified to \$275,000.00.

**END OF ADDENDUM**

This Addendum is three (3) page(s) in its entirety.



4/8/2019

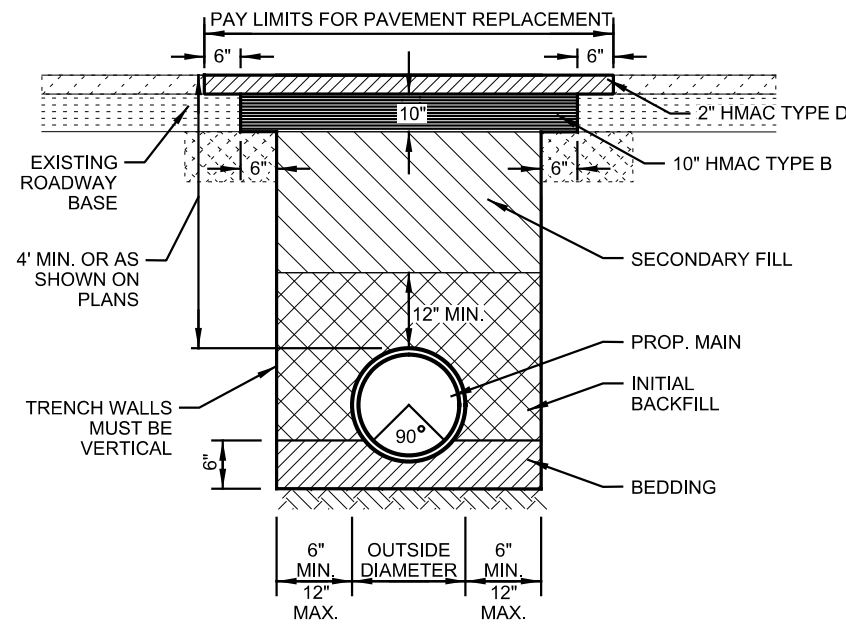
Ernest T. Maestas, P.E.  
Maestas & Associates, LLC

5:54:37 PM

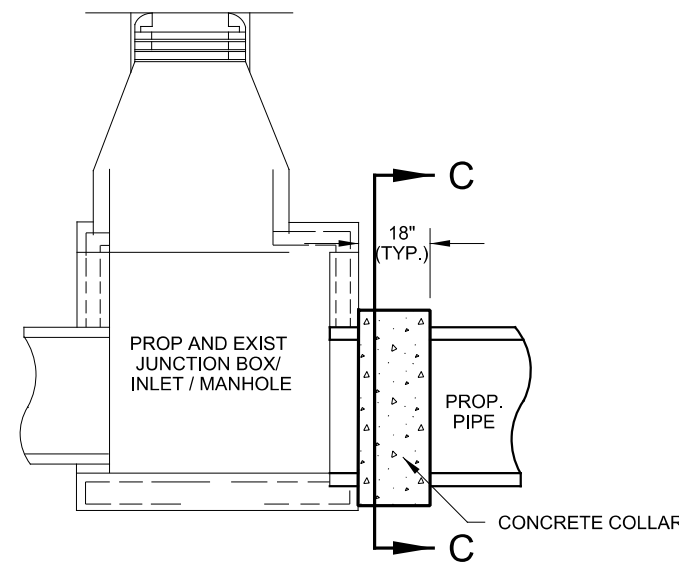
4/2/2019

Z:\Projects\M064-04 Carlisle Pump Station Drain Pipe\06 - CADD Files\06.55 - Drainage\M064-04-CLR-DET.dgn

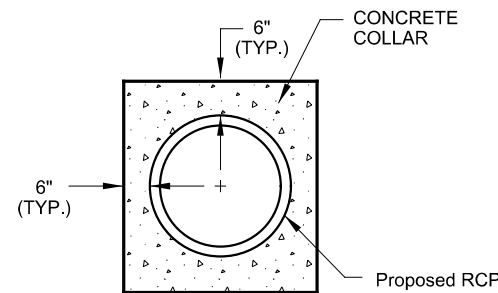
NOTE: CLASS "B" CONCRETE COLLAR ALONG 1.5 FEET OF PIPE IMMEDIATELY ADJACENT TO THE MH/INLETS & TIE-IN TO EXISTING TRUNK LINES, SAWS PAY ITEM 858



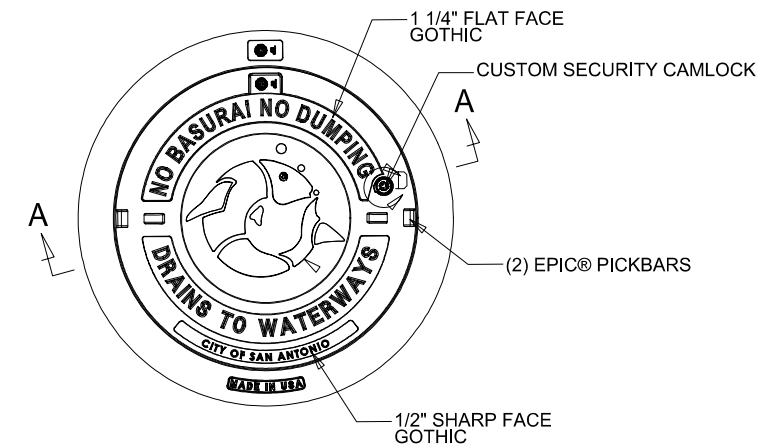
1 PAVEMENT TRENCH REPAIR DETAIL NOT TO SCALE



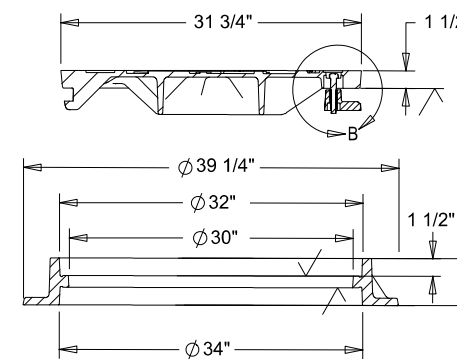
CONC COLLAR N.T.S.



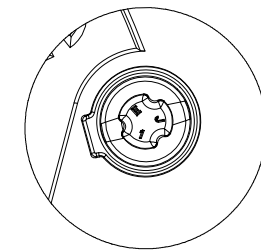
SECTION C-C N.T.S.



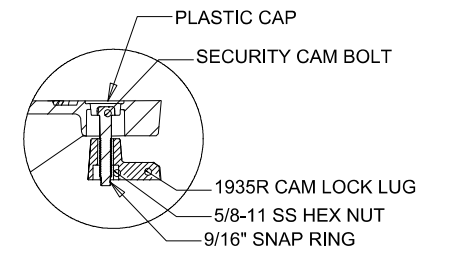
MANHOLE LID COVER DETAIL N.T.S.



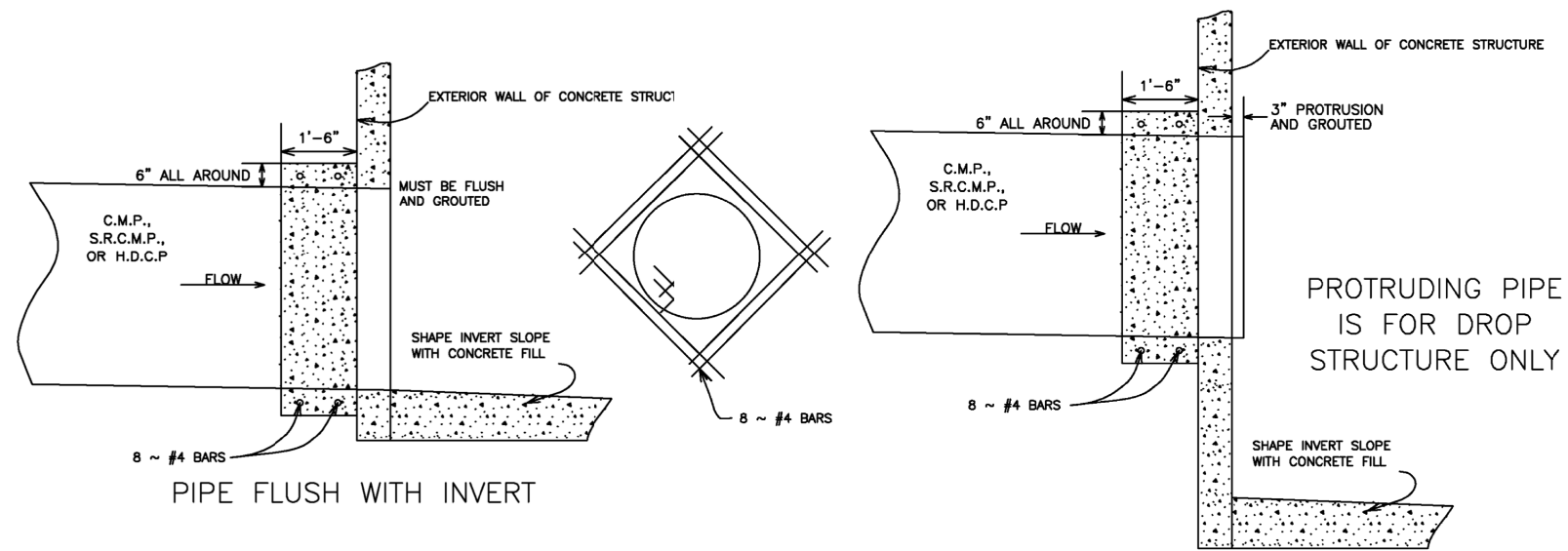
SECTION A-A



DETAIL D



DETAIL B



CONCRETE COLLAR DETAIL N.T.S.

1. CONCRETE FOR STRUCTURES SHALL BE CLASS "B", 2,500 P.S.I. AT 28 DAYS.
2. ALL EXPOSED EDGES SHALL BE CHAMFERED 3/4".
3. REINFORCED STEEL SHALL BE NEW BILLET STEEL, INTERMEDIATE GRADE, ASTM. A-15. THE DEFORMATION SHALL CONFORM TO ASTM. A-305.
4. ALL DIMENSIONS RELATING TO REINFORCING STEEL ARE TO CENTER OF BARS.
5. ALL BARS INTERCEPTING MANHOLE OPENING AND REINFORCED CONCRETE PIPE SHALL BE FIELD-CUT.
6. WHERE LAPPING OF BARS IS REQUIRED, A MINIMUM LAP OF 33 DIAMETERS SHALL BE USED.
7. INVERT OF JUNCTION BOX TO BE SHAPED WITH CONCRETE FILL (3,000 P.S.I. MIN.) TO EFFECT DRAINAGE TO OUTLET PIPE. COST SUBSIDIARY TO CLASS "A" CONCRETE (JUNCTION BOXES).



100% SUBMITTAL

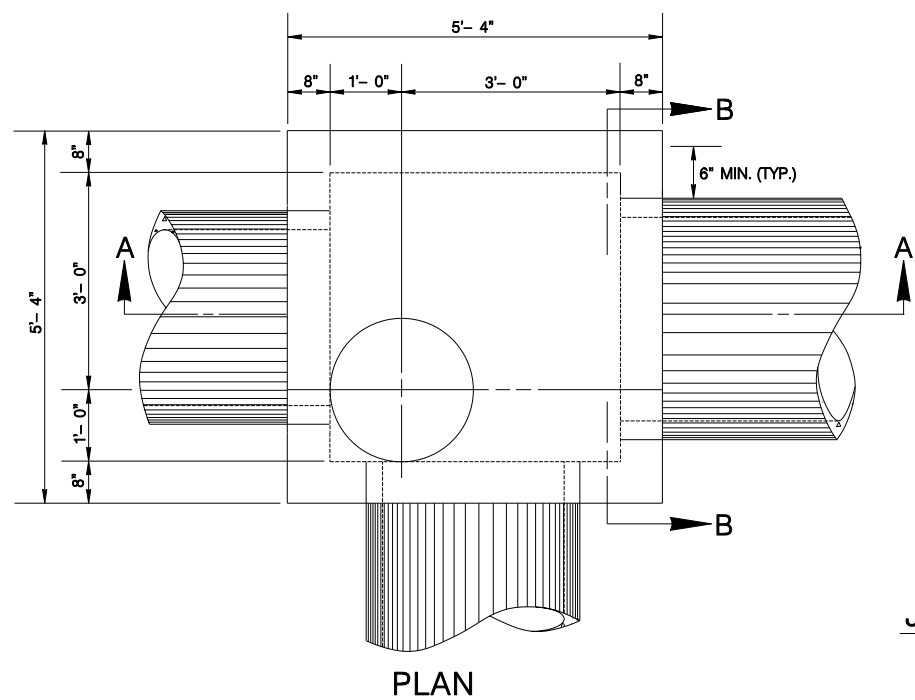
**MAESTAS**

11550 IH 10 WEST, STE. 350 SAN ANTONIO, TX 78230  
(210) 366-1988 TBPE No.: F-333

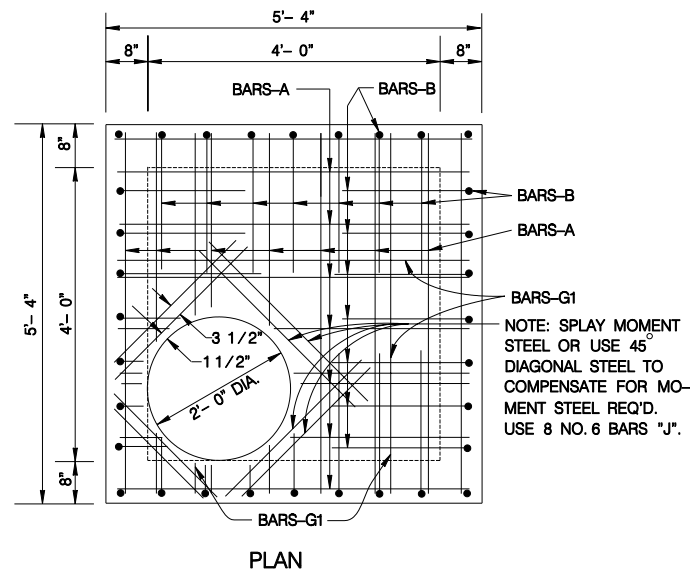
| No. | Revision | Drawn | Approved | Date |
|-----|----------|-------|----------|------|
|     |          |       |          |      |
|     |          |       |          |      |
|     |          |       |          |      |

| REVISIONS |  |
|-----------|--|
|           |  |
|           |  |
|           |  |

|                                     |                 |
|-------------------------------------|-----------------|
| DEVELOPER: SAN ANTONIO WATER SYSTEM |                 |
| CONT. BUDGET PROJ. #                |                 |
| SUBMITTED                           |                 |
| APPROVED                            |                 |
| MAP No. 156562                      | SHEET 12 OF 20  |
| SECT. No.                           | 12 OF 20        |
| DR. CAD CK. CL                      | JOB No. 18-6007 |

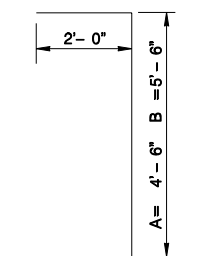


PLAN

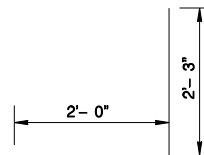


PLAN

JUNCTION BOX TOP SLAB SHOWING STEEL



BARS-B

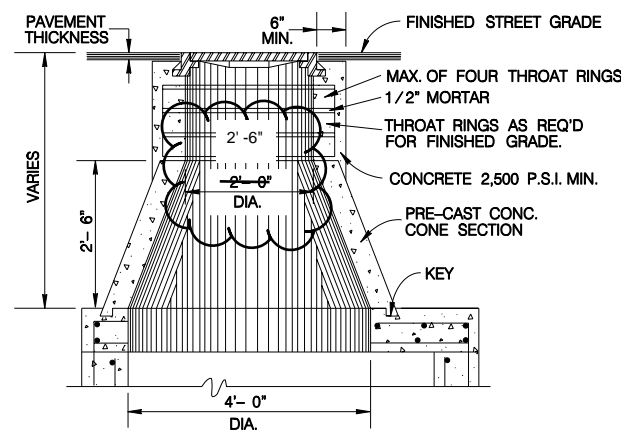


BARS-C

| SCHEDULE FOR REINFORCING STEEL |                |     |      |          |        |          |
|--------------------------------|----------------|-----|------|----------|--------|----------|
| SHAPE                          | BAR            | NO. | SIZE | SPACING  | LENGTH | WEIGHT   |
| STRAIGHT                       | A              | 16  | 4    | 9" O.C.  | 5'-1"  | 54       |
|                                | B              | 32  | 5    | 8" O.C.  | 6'-10" | 228      |
|                                | C              | 32  | 5    | 8" O.C.  | 4'-3"  | 142      |
| STRAIGHT                       | D              | 16  | 4    | 9" O.C.  | 5'-1"  | 54       |
| STRAIGHT                       | E              | 16  | 3    | 12" O.C. | 3'-11" | 24       |
| STRAIGHT                       | G              | 16  | 4    | 12" O.C. | 5'-1"  | 54       |
| STRAIGHT                       | G <sub>1</sub> | 8   | 4    | AS SHOWN | 5'-1"  | 27       |
| STRAIGHT                       | H              | 20  | 3    | 12" O.C. | 4'-5"  | 33       |
| STRAIGHT                       | J              | 8   | 6    | 3 1/2"   | 2'-10" | 34       |
| TOTAL                          |                |     |      |          |        | 650 LBS. |

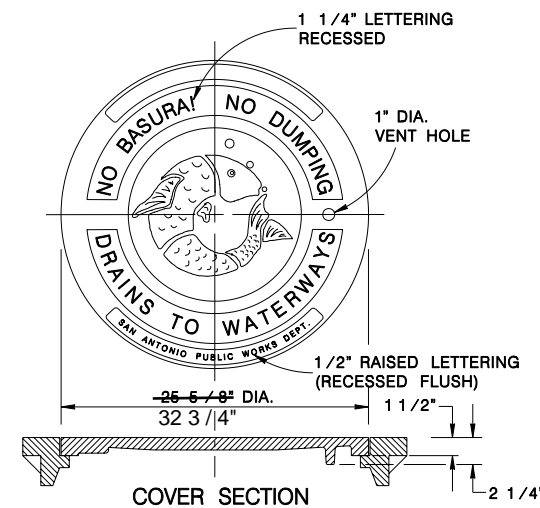
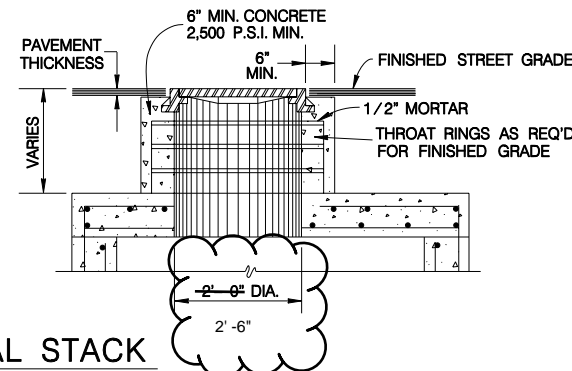
CLASS "A" CONCRETE- 3.43 CU. YDS.  
(DOES NOT EXCLUDE MANHOLE OPENINGS OR PIPE OPENING)

\* NOTE: BAR SIZE AND SPACING BASED ON SPANS AS SHOWN - ANY REVISIONS TO THESE SPANS SHALL INCLUDE A RE-DESIGN ON STEEL REQ'D.



VARIATION OF VERTICAL STACK

VERTICAL STACK DESIGN SHALL BE GOVERNED BY THE DEPTH OF THE TOP OF THE JUNCTION BOX BELOW THE FINISHED STREET GRADE.

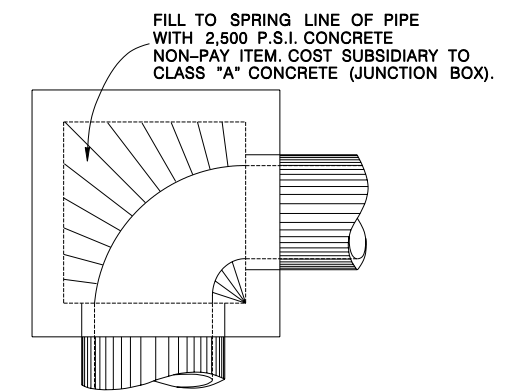


MANHOLE LID & RING DETAIL

SCALE: 1:16

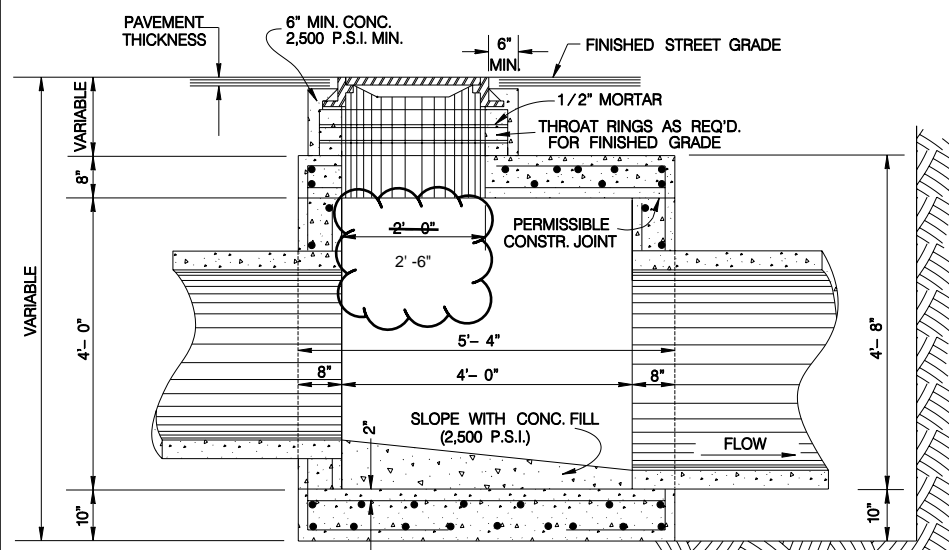
NOTES FOR MANHOLE LID AND RING

- FOR LID DESIGN OUTSIDE OF CITY OF SAN ANTONIO, DELETE "SAN ANTONIO PUBLIC WORKS DEPT.".
- CASTING NUMBER AND MANUFACTURER'S I.D. ON LID AND RING.
- LOAD BEARING CAPABILITY OF HS-20 MINIMUM.
- THE LOAD BEARING SURFACES SHALL BE MACHINE GROUND.
- THE COMBINED WEIGHT OF THE MANHOLE RING AND COVER MUST BE AT LEAST 260 LBS.

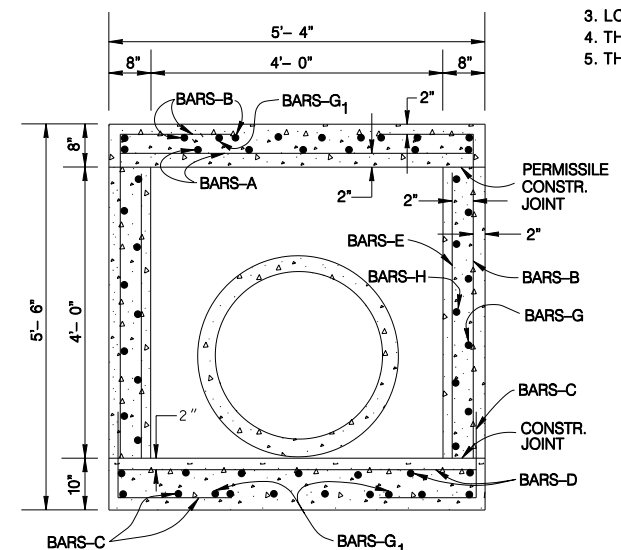


CURVED DEFLECTOR DETAIL

MODIFICATION - Revised Riser internal diameter to 2'-6" from 2'-0"



SECTION A-A



SECTION B-B

JANUARY 2005

CITY OF SAN ANTONIO  
CAPITAL IMPROVEMENTS MANAGEMENT SERVICES DEPARTMENT

4'x4'x4' JUNCTION BOX  
STANDARDS (MOD)