

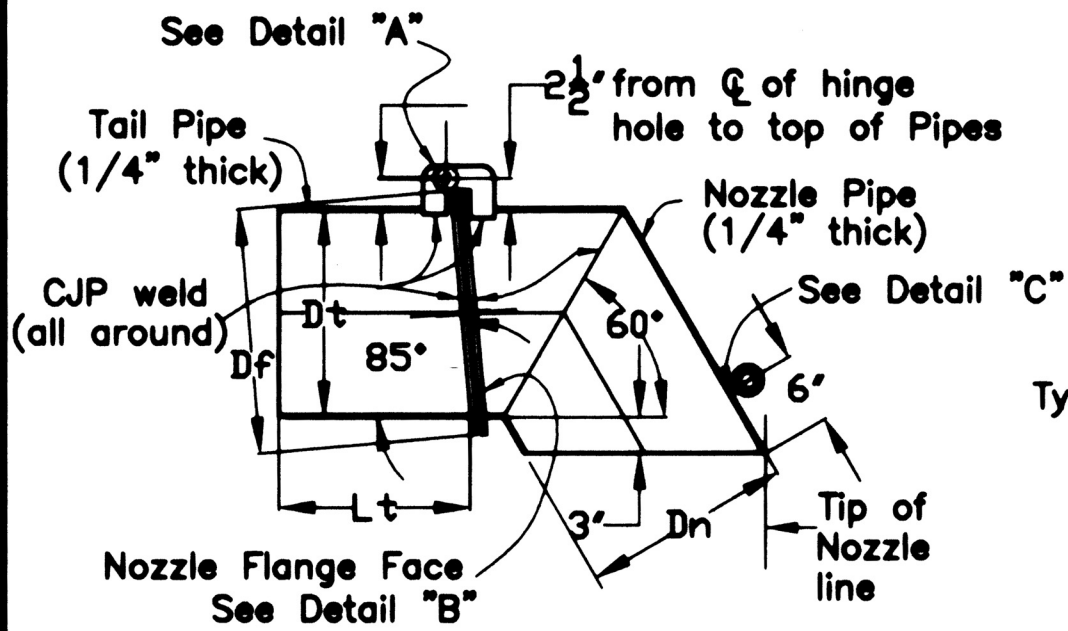
SECTION A-A

SECTION C-C

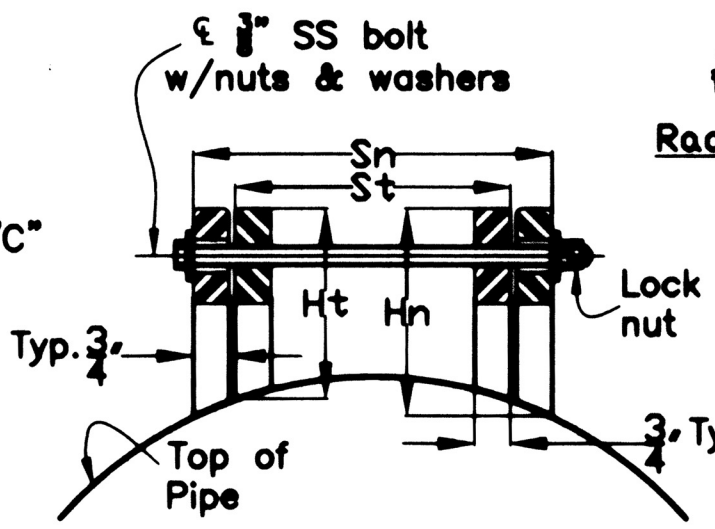
CHANNEL DETAIL
(Section A-A)

SECTION B-B

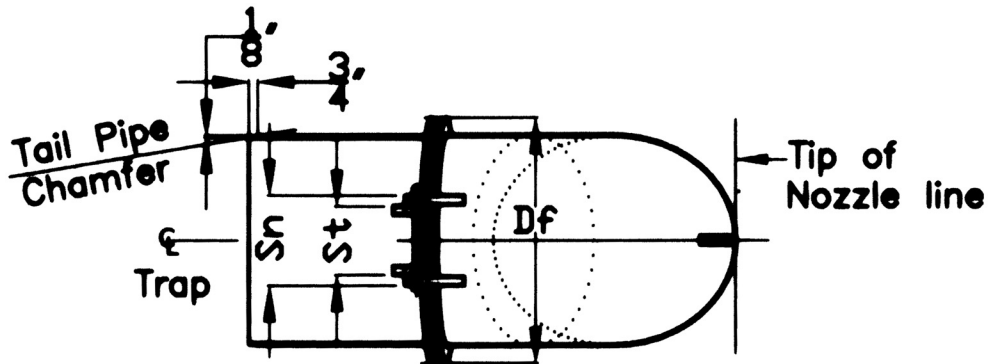
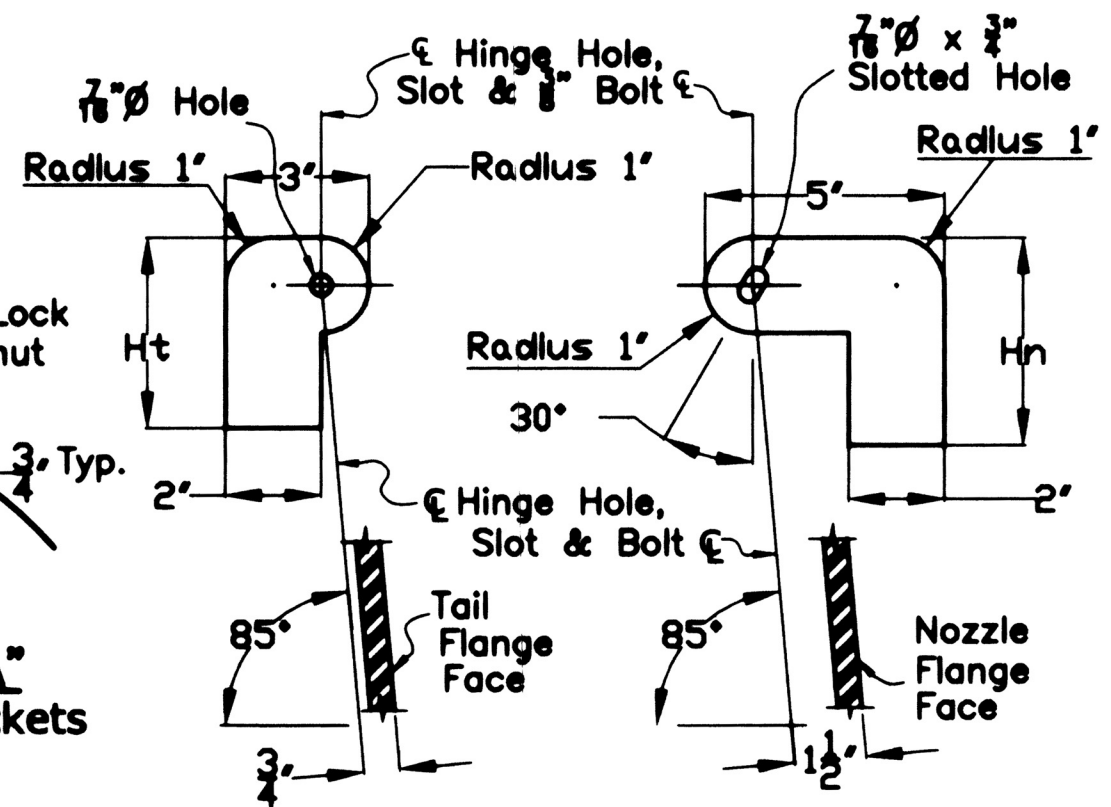
BUREAU OF ENGINEERING		DEPARTMENT OF PUBLIC WORKS			CITY OF LOS ANGELES																																														
GAS TRAP MAINTENANCE HOLE				STANDARD PLAN																																															
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SUBMITTED April 8 2009 <i>J. Davis</i> <i>Michael S. Kurland</i> CITY ENGINEER				REVISIONS <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> <th>ENGR. OF DESIGN</th> <th>CITY ENGR.</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>04/07/09</td> <td>Stainless Steel GAS TRAP</td> <td></td> <td></td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		NO.	DATE	DESCRIPTION	ENGR. OF DESIGN	CITY ENGR.	1	04/07/09	Stainless Steel GAS TRAP																							<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SUPERSEDES</th> <th>REFERENCES</th> </tr> </thead> <tbody> <tr> <td>B-3468</td> <td>S-140</td> </tr> <tr> <td>B-4016</td> <td>S-141</td> </tr> <tr> <td>B-4550</td> <td>S-282</td> </tr> <tr> <td></td> <td>S-283</td> </tr> <tr> <td colspan="2" style="text-align: center;">VAULT INDEX NUMBER:</td> </tr> <tr> <td colspan="2" style="text-align: center;">SHEET 1 OF 2 SHEETS</td> </tr> </tbody> </table>		SUPERSEDES	REFERENCES	B-3468	S-140	B-4016	S-141	B-4550	S-282		S-283	VAULT INDEX NUMBER:		SHEET 1 OF 2 SHEETS	
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APPROVED 4-16 2009 <i>Gary Lee Moore</i> CITY ENGINEER		DESIGNED BY R. Yanez		DRAWN BY M. Logunzod		CHECKED BY R. Moesobki																																													



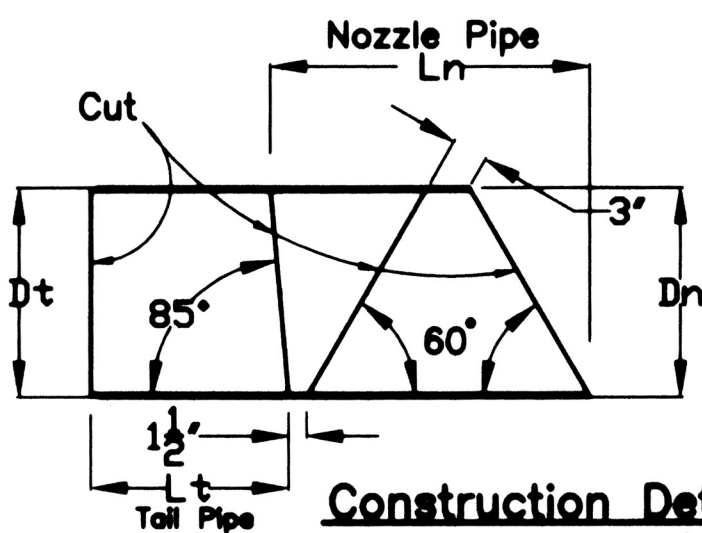
Gas Trap - Section



**Detail "A"
Hinge Brackets**

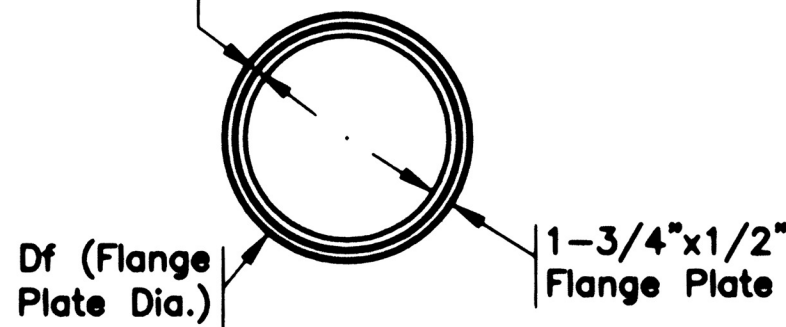


Gas Trap - PLAN

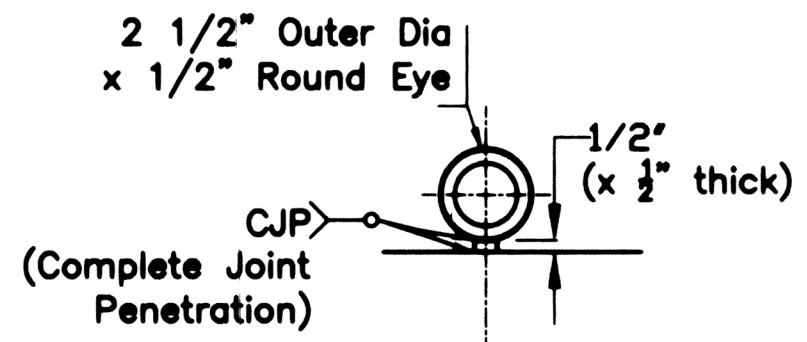


* Ln & Lt shown are net (after cuts) measurements.

Centered 1/4"x1/4" Square Groove in Tail Pipe Flange Plate and a 1/4"x1/2" round Rubber Neoprene Gasket inserted within.



**Detail "B"
Typ. Flange Plate**
(unless noted otherwise)



**Detail "C"
Nozzle Lifting Eye**

OUTLET PIPE Inner Dia Dp	TABLE OF DIMENSIONS FOR TRAP MAINTENANCE HOLE (inches)								
	TAIL PIPE				FLANGE PLATE Dia Df	NOZZLE PIPE			
	Outer Dia Dt=Dn	Length Lt*	Hinge Bracket			Outer Dia Dn=Dt	Length Ln*	Hinge Bracket	
			Spacing St	Height Ht			Spacing Sn	Height Hn	
8	7.5	12	3.75	5.01	10.5	7.5	14.25	5.5	5.71
10	9.5	14	3.75	3.89	12.5	9.5	16.875	5.5	4.38
12	11.5	16	5.75	4.27	14.5	11.5	19.25	7.5	4.89
15	14.5	18	5.75	4.09	17.5	14.5	23	7.5	4.54
18	17.5	20	5.75	3.98	20.5	17.5	26.75	7.5	4.34

NOTES

- UNLESS OTHERWISE SHOWN, INSTALL MAINTENANCE HOLE PER STANDARD PLANS S-140, S-141 AND S-142.
- SEWER PIPE: PER STANDARD SPECIFICATIONS OF PUBLIC WORKS CONSTRUCTION.
- SEE PROJECT PLANS FOR "Dp", "H", "INLET ELEV." AND "OUTLET ELEV."
- CONCRETE: STANDARD SPECIFICATIONS SECTION 201. CLASS 650-C-4000
- ALL MATERIALS TO BE STAINLESS STEEL TYPE 316 EXCEPT AS NOTED.
- RUBBER GASKET SHALL BE NEOPRENE 35-50 SHORE A HARDNESS.
- SEAL GAP BETWEEN TAIL PIPE AND OUTLET AIRTIGHT WITH MATERIAL APPROVED BY THE ENGINEER.
- WHEN Dp \geq 15 inch, INSTALL TRAP PRIOR TO CONSTRUCTION OF THE UPPER PORTION OF THE MAINTENANCE HOLE.
- WHERE A TRAP IS NECESSARY IN AN EXISTING STRUCTURE, BREAK OUT CONCRETE & CONSTRUCT NEW CONCRETE INNER BASE.
- ALL CORNERS AND EDGES SHALL BE ROUNDED TO 1/8" RADIUS FILLETS AND SMOOTH OUT ALL BURRS AND SHARP EDGES.
- THERE SHALL BE NO GAS LEAKAGE INTO THE TRAP MAINTENANCE HOLE AS VERIFIED BY THE INSPECTOR. SHOULD ANY GAS LEAKAGE IS DETECTED, THE CONTRACTOR SHALL IMMEDIATELY REPAIR THE GAS LEAKAGE TO THE SATISFACTION OF THE ENGINEER AND THE INSPECTOR.