



ITEM	DESCRIPTION
1	4" ABS INLET PIPE*
2	4"x4"x2" TEE WITH 2" PIPE TO BUILDING VENT*
3	THREADED C/O CAP JOSAM 58860 OR APP EQUAL**
4	CONCRETE PAD
5	4"x4"x4" TWO-WAY CLEANOUT TEE*
6	4" ABS OUTLET*
7	4" - 6" GRAVEL BEDDING
8	HEAVY-DUTY CAST IRON FRAME AND COVER ***
9	CONCRETE ADJUSTMENT RINGS
10	REINFORCE AS REQUIRED FOR SERVICE CONDITIONS
11	4" ABS 90° ELBOW*
12	4" ABS TEE*
13	A-LOK OR PRESS SEAL PSX PIPE/WALL CONNECTOR
(G)	14 2" VENT PIPE (IDENTIFY PIPE TYPE, CLASS & JOINT AS REQUIRED FOR THE PROJECT)
(F)	15 STAINLESS STEEL PIPE SUPPORT CLAMP ****
(H)	16 TO JOIN DIS-SIMILAR PIPE; FERNCO STRONG BACK RC COUPLER OR MISSION FLEX-SEAL ARC COUPLER

* 6" PIPE MAY BE SUBSTITUTED TO MATCH UPSTREAM PIPE DIAMETER.
 ** REFER TO CLEAN OUT DETAIL(S) ON STANDARD DETAIL SHEET.
 *** CLAY & BAILEY 2008 BV OR EQUAL (FROST PROOF COVERS OPTIONAL)
 (F) ****FM STAINLESS FASTENERS #63 OR EQUAL. 1/2"x2-1/2" SS BRACKET W/ 1/2"x1-1/2" FULLY THREADED SS HEX BOLT WITH 1/2" SS WASHER AND 1/2"x1-3/4" SS ANCHORS. CLAMP TO BE FACTORY INSTALLED.

NOTES:

- THREE COVERS AND RISERS SHOWN. TWO COVERS AND RISERS CENTERED OVER UPPER TWO BAFFLES ARE OPTIONAL.
- INTERCEPTOR SIZE - 1000 GAL MINIMUM (REVISE THE SIZE DIMENSIONS, AS NEEDED, FOR LARGER CAPACITY INTERCEPTORS)
- ALL JOINTS AT THE FRAME & COVER*, CONCRETE ADJUSTMENT RINGS AND THE LID OF THE INTERCEPTOR SHALL BE SEALED WITH A MINIMUM OF TWO (2) ROWS OF 3/4 TO 1 INCH PREFORMED BUTYL JOINT SEALER AND A 6" BUTYL JOINT WRAP AROUND SLEEVE (EZ WRAP). THE ENDS OF THE 6" EZ WRAP SHALL OVERLAP BY 12".
- PIPING ON THE INTERIOR OF THE INTERCEPTOR SHALL BE ABS WITH SOLVENT-CEMENTED JOINTS.
- (C)(D)(E)(H) INTERCEPTOR INCLUDING ADJUSTMENT RINGS AND CASTINGS SHALL BE VACUUM TESTED FOR WATER TIGHTNESS AFTER THE BACKFILL OPERATIONS HAVE BEEN COMPLETED IN ACCORDANCE WITH JCW TECHNICAL SPECIFICATIONS. A VACUUM OF 10 INCHES OF MERCURY SHALL BE DRAWN AND WITH THE VACUUM PUMP SHUT OFF THE MERCURY SHALL NOT DROP BELOW 9 INCHES WITHIN 1 MINUTE OR BELOW 5 INCHES WITHIN 5 MINUTES.

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Checked: J. HARDER	Date: 8/10/06	Project # 0001
Approved: J. METZLER	Date: 8/10/06	Sheet: 1 of 1
Title: GREASE INTERCEPTOR OR SAND/OIL INTERCEPTOR 1000 GAL		
Project : JOHNSON COUNTY WASTEWATER STANDARD DETAIL		

NO.	BY	DATE	REVISION
H	NWS	1/20/17	REVISED NOTE 5, ADDED ITEM #16 AND REVISED DETAIL TITLE
G	KWF	10/16/12	ADDED PIPE REQUIREMENTS TO ITEM #14
F	KWF	09/01/11	ADDED ITEM #15 - SS PIPE SUPPORT CLAMP
E	KWF	08/17/10	REVISED NOTE 5
D	WLM	7/29/10	REVISED NOTES 3 AND 5
C	WLM	7/14/08	ADDED NOTE 5
B	KWF	7/21/06	CHANGED ITEMS IN MTRL. BOX & NOTE 2 & ADDED NOTE 4
A	JSD	10/29/04	DIMENSION CHANGE BY REQUEST OF JCW