



BILL OF MATERIALS		
ID	QTY	DESCRIPTION
PIPE		
1	2"	1" PIPE NIPPLE SEAMLESS 2" LONG
2	4"	1" PIPE NIPPLE SEAMLESS 4" LONG
3	9'-0"	4" PIPE SEAMLESS PE STD
FITTINGS		
4	1	1" PLUG HEX HEAD
5	1	4"x3" SCH XS SWAGE
6	1	4"x2" TEE (REDUCING) BW STD
OLETS		
7	2	4"x1" SOCKOLET 1000#
FLANGES		
8	1	2" FLANGE WN 150# RF
9	1	3" FLANGE 150#
10	3	4" FLANGE 150#
VALVES		
11	2	1" GATE VALVE
12	1	2"x3" FLANGED PSV
13	1	4" GATE VALVE FLANGED 150# RF
14	1	4" CHECK VALVE FLANGED 150# RF
PIPE SUPPORTS		
15	1	STANDARD CLAMPED SHOE
FASTENERS		
16	32	5/8" STUD BOLT X 3.5 LG., C/W HEX NUTS
17	8	5/8" STUD BOLT X 3.5 LG., C/W HEX NUTS
18	4	5/8" STUD BOLT X 3.5 LG., C/W HEX NUTS
19	1	2" GASKET 1/8" THK 150#
20	1	3" GASKET 1/8" THK 150#
21	4	4" GASKET 1/8" THK 150#

REVISIONS					
NO.	DESCRIPTION	BY	CHK	DATE	NO.

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STAMP			PROJECT
DWN. BY: WHG DATE: 28-FEB-2014 DESIGN BY: SJH DATE: 28-FEB-2014 CHK'D. BY: BDT DATE: 03-MAR-2014			TITLE
ISSUED FOR APPROVAL WHG BDT 28-FEB-14			PRODUCT MANIFOLD DISCHARGE PIPING GENERAL PIPING ISOMETRIC
SCALE: NOT TO SCALE JOB No. 125-02 DWG. No. 201456-132			9/4/2014 12:59:07 PM