



**BILL OF MATERIAL**

FABRICATION ITEMS			
ID	DESCRIPTION	ND	QTY
<b>PIPE</b>			
1	PIPE, SMLS, ASTM A53 GR.B, SCH80, ASME B36.10	1/2"	1.5M
2	PIPE, SMLS, ASTM A53 GR.B, SCH80, ASME B36.10	1 1/2"	0.1M
<b>FITTINGS</b>			
3	ELBOW 90, SW, 3000 #, ASME B16.11, ASTM A105	1/2"	1
4	RED CPLG, SW, 3000 #, ASME B16.11, CS	1 1/2"X1/2"	1
<b>FLANGES</b>			
5	FLANGE SO, RF, 150 #, ASME B16.5, ASTM A105	1 1/2"	1

ERECTION ITEMS			
ID	DESCRIPTION	ND	QTY
<b>FASTENERS</b>			
6	PH IMPERIAL STUD BOLT	3/4"X100	4
7	PH IMPERIAL GASKET	1 1/2"	1

**FOR CONSTRUCTION**  
SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

PROJECT TITLE:				
2	ISSUED FOR CONSTRUCTION			
1	ISSUED FOR CONSTRUCTION	B.M.V.	B.M.V.	B.M.V. 03/20/13
REV	REMARKS	DESIGN	DRAWN	CHECKED DATE

IRITEC DWG. No.		REV	ISO DWG. No.	SHEET	REV
BIDEC DWG. No.		REV	LINE NO.	1 OF 1	No. 0
			040-DRAIN-XA48A/S12-C2-B		

OPEN END MAX. E 24146 N 2433 EL +8075	TEMPERATURE - C	CLASS I	CLASS II	INSUL. COD	PAIN COD
	PRESSURE - BAR(g)				
	SHOP FAB. IN	FIELD	EQUIPMENT NO.	ACTIVITY NO.	
LIQUID PENET. EX.	%	%	REF. PID		
RADIOGRAPHIC EX.	- %	- %	ARRANGEMENT		
HEAT TREATMENT	YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>	DRAWING		
PRESS. TEST	FLUID - BAR(g)	BAR(g)	SHOP WELD	FIELD WELD	SOCKET WELD
LEAK TEST	FLUID - BAR(g)	BAR(g)	WELD JOINT	SCREWED JOINT	COMPN CONNECTION
			PIPE SUPPORT		