

FABRICATION MATERIALS				
PT NO	COMPONENT DESCRIPTION	N.S. (INS)	ITEM CODE	QTY
1	PIPE PIPE EFW E=0.85 S20 BE ASTM A53 GR.B	36	12042QB	13.0M
2	PIPE PIPE EFW E=0.85 S20 BE ASTM A53 GR.B	24	12042QB	10.6M
FITTINGS				
3	CON. REDUCER S20 BE ASTM A234 GR.WPB-W	32 x 24	53052BB	2
4	45 ELBOW S20 BE ASTM A234 GR.WPB-W	24	310523B	4
FLANGES				
5	FLANGE WELD NECK 150# S20 RF SERRATED	36	200101B	1
6	FINISH ASTM A105 FLANGE BLIND 150# RF SERRATED FINISH ASTM A105	36	280101Q	1
7	FLANGE WELD NECK 150# S20 RF SERRATED	32	200101B	2
8	FINISH ASTM A105 FLANGE WELD NECK 150# S20 RF SERRATED FINISH ASTM A105	24	200101B	4
SUPPORTS				
9	General purpose ATTA	36		1
ERECTOR MATERIALS				
COMPONENT DESCRIPTION		N.S. (INS)	ITEM CODE	QTY
GASKETS				
10	GASKET SPIRAL WOUND 150# 4.5mm RF SS304	36	9963214A	1
11	+ GRAFOIL FILLER C.S. OUTER RING GASKET SPIRAL WOUND 150# 4.5mm RF SS304	32	9963214A	2
12	+ GRAFOIL FILLER C.S. OUTER RING GASKET SPIRAL WOUND 150# 4.5mm RF SS304	24	9963214A	4
BOLTS				
13	1"0.15/16 ASTM A193 GR.B7 + 2 NUTS ASTM A194 GR.2H	1.1/4		40
14	6.1/2 ASTM A193 GR.B7 + 2 NUTS ASTM A194 GR.2H	7/8		44
15	5.3/4 ASTM A193 GR.B7 + 2 NUTS ASTM A194 GR.2H	9/4		96
VALVES / IN-LINE ITEMS				
16	BUTTERFLY VALVE 150# RF BODY-ASTM A126 CLASSB, TRIM-A126+NBR, LUG TYPE, GEAR, MANUF. STD	24	653041W	2

REF. PLAN DRAWING(S)	DES. PRESS.	INSULATION TYPE	INSULATION THK.
64-PI-4601-A0	7.00 barg.	N	-

TEMPERATURE	DES. 100 °C
OP. 44 °C	

PIDMCO PROJ. NO.	SEC PROJ. NO.
36"-CWR-641001-1BH-N	ISO-6446005

LINE NUMBER :	ISOMETRIC NUMBER :	SHT. 2 OF 2
	ISO-6446005	

REV NO.	DATE	DESCRIPTION	BY	CHKD	MTRL	STRS	APPD
1	13/03/04	GENERALLY REVISED	A.H	A.A	N.A	B.KH	L.KH
2	27/06/2004	AFC	A.H	A.A	N.A	B.KH	L.KH

REV NO.	DATE	DESCRIPTION	BY	CHKD	MTRL	STRS	APPD
1	13/03/04	GENERALLY REVISED	A.H	A.A	N.A	B.KH	L.KH

**PETROCHEMICAL INDUSTRIES DEVELOPMENT MANAGEMENT COMPANY (PIDMCO)**  
شركة مدیریت توسعه صنایع پتروشیمی

**SEC** Subz Engineering Company  
شرکت مهندسی سبز

REF. PLAN DRAWING(S)  
64-PI-4601-A0

REF. P&I DIAGRAM(S)  
64-PR-101-A1

