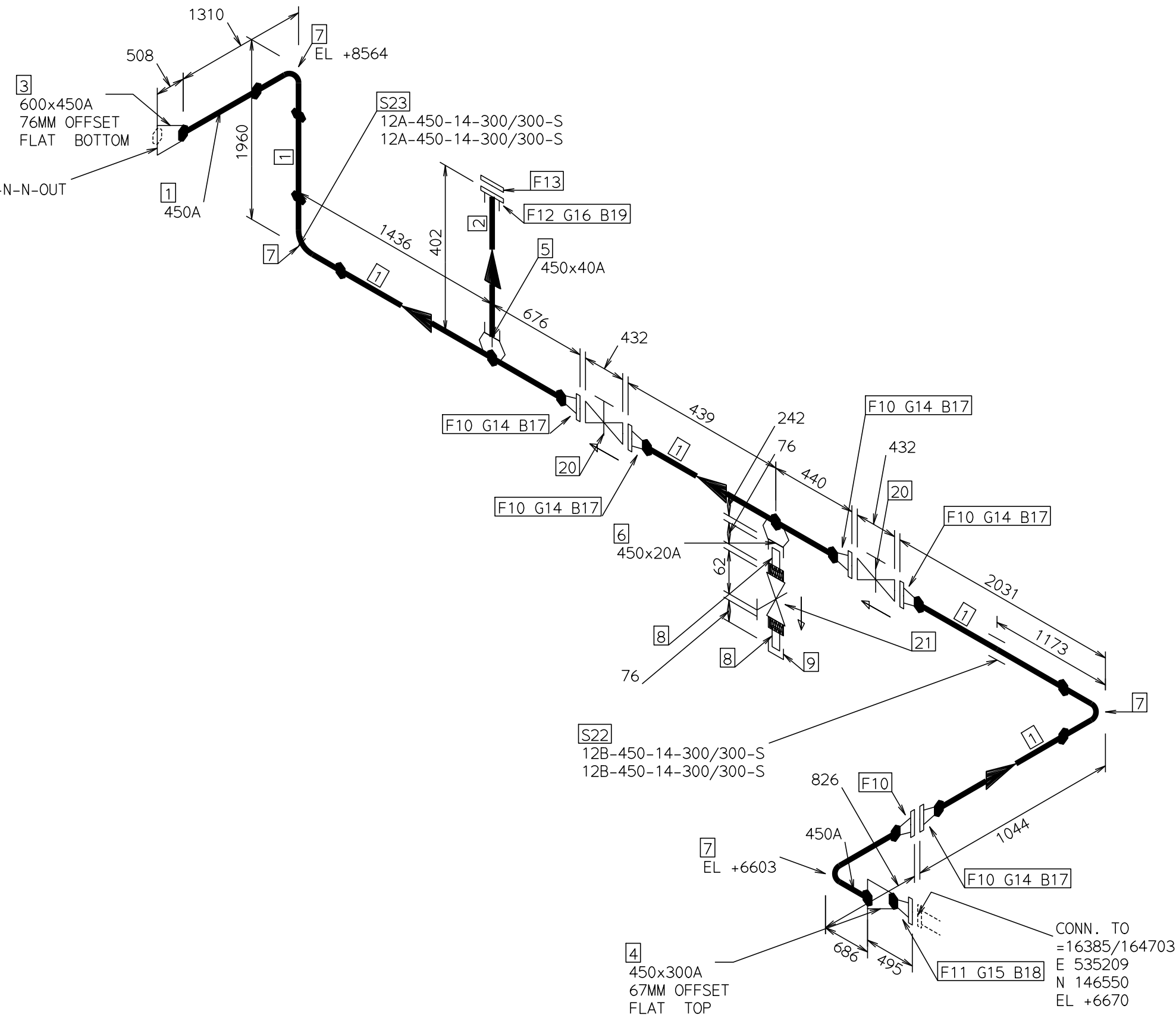


FABRICATION MATERIALS				
NO	REMARKS	SIZE (MM)	QTY	DESCRIPTION
				<u>PIPE</u>
1		450	4.6M	ANSI B36 10 PE SMLS PIPE STD
2		40	0.2M	ANSI B36 10 PE SMLS PIPE XS
				<u>FITTINGS</u>
3		600 x 450	1	REDU ECC ANSI B16.9 BW STD
4		450 x 300	1	REDU ECC ANSI B16.9 BW STD
5		450 x 40	1	BONNEY THREDOLET NPT #3000
6		450 x 20	1	BONNEY THREDOLET NPT #3000
7		450	4	ELBOW LR ANSI B16.9 BW
8		20	2	NIPPLE TBE NPT 3" LONG XS
9		20	1	CAP SCR D ANSI B16.11 #3000
				<u>FLANGES</u>
10		450	6	FLANGE WN ANSI B16.5 #150.RF
11		300	1	FLANGE WN ANSI B16.5 #150.RF
12		40	1	FLANGE SCR BOSS ANSI B16.5 #150.RF

ERECTION MATERIALS				
NO	REMARKS	SIZE (MM)	QTY	DESCRIPTION
FLANGES				
13		40	1	FLANGE BLIND ANSI B16.5 #150.RF
GASKETS				
14		450	5	GASKET ANSI B16.21 #150.RF
15		300	1	GASKET ANSI B16.21 #150.RF
16		40	1	GASKET ANSI B16.21 #150.RF
BOLTS				
17		29	80	146 STUD BOLT CW HVY HEX NUTS
18		22	12	114 STUD BOLT CW HVY HEX NUTS
19		13	4	70 STUD BOLT CW HVY HEX NUTS
VALVES / IN-LINE ITEMS				
20		450	2	VALVE GATE ANSI B16.10 #150.RF
21		20	1	VALVE GATE NPT #800
SUPPORTS				
22	12B-450-14-300/300-S	450	1	PIPE SUPPORT TRUNNION SLIDE (PIPE)
23	12A-450-14-300/300-S	450	1	PIPE SUPPORT TRUNNION SLIDE (ELBOW)

CONT. ON
18"-PHE-B1-N-N-OUT
E 535263
N 153625
EL +8640



TEMPORARY ISO DRAWING

TEMPORARY ISO

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FOR		
TITLE PIPING ISOMETRIC DRAWING FOR		
LINE_ID:	18"-PHE-B1-N-N-OUT2	1 OF 1
AREA :	18"-PHE-B1-N-N-OUT2	
SCALE	NONE	JOB NO. AHH20E
PROJECT	DRAWING NO.	REVISION
CAP	CAP-XX-XX-DW-XXXX	
	18"-PHE-B1-N-N-OUT2	

REV	DATE	DGND	CHKD	APRD	APRD	DESCRIPTION

TEMPORARY ISO