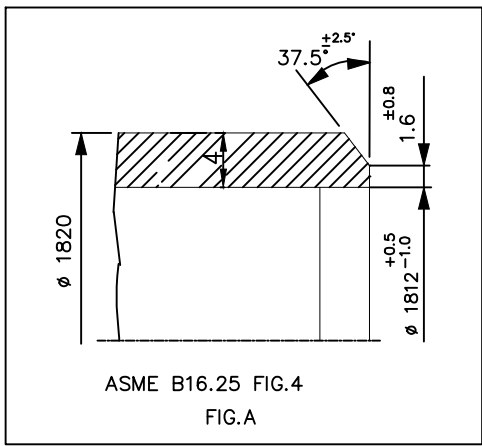
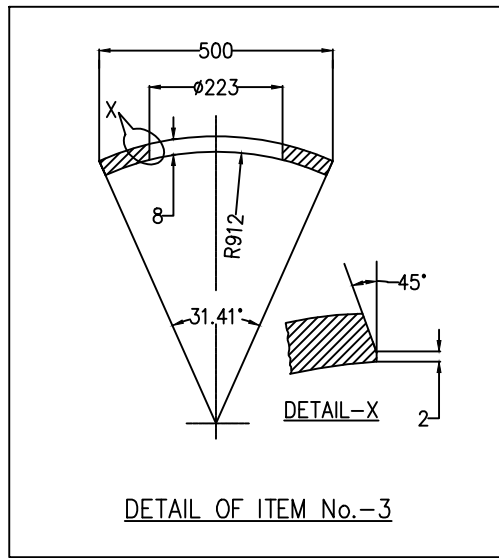
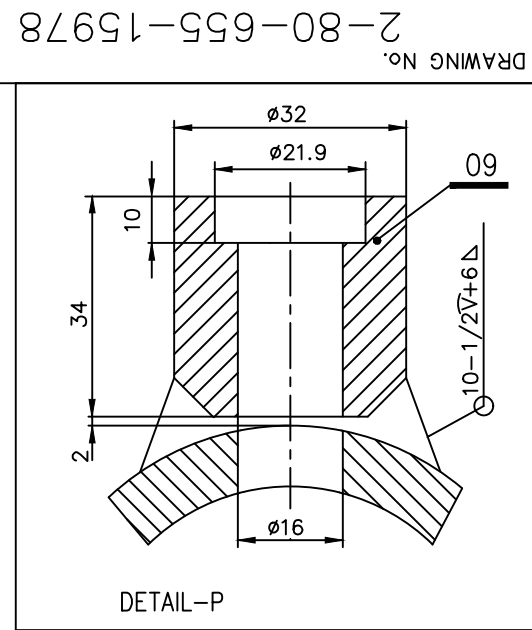
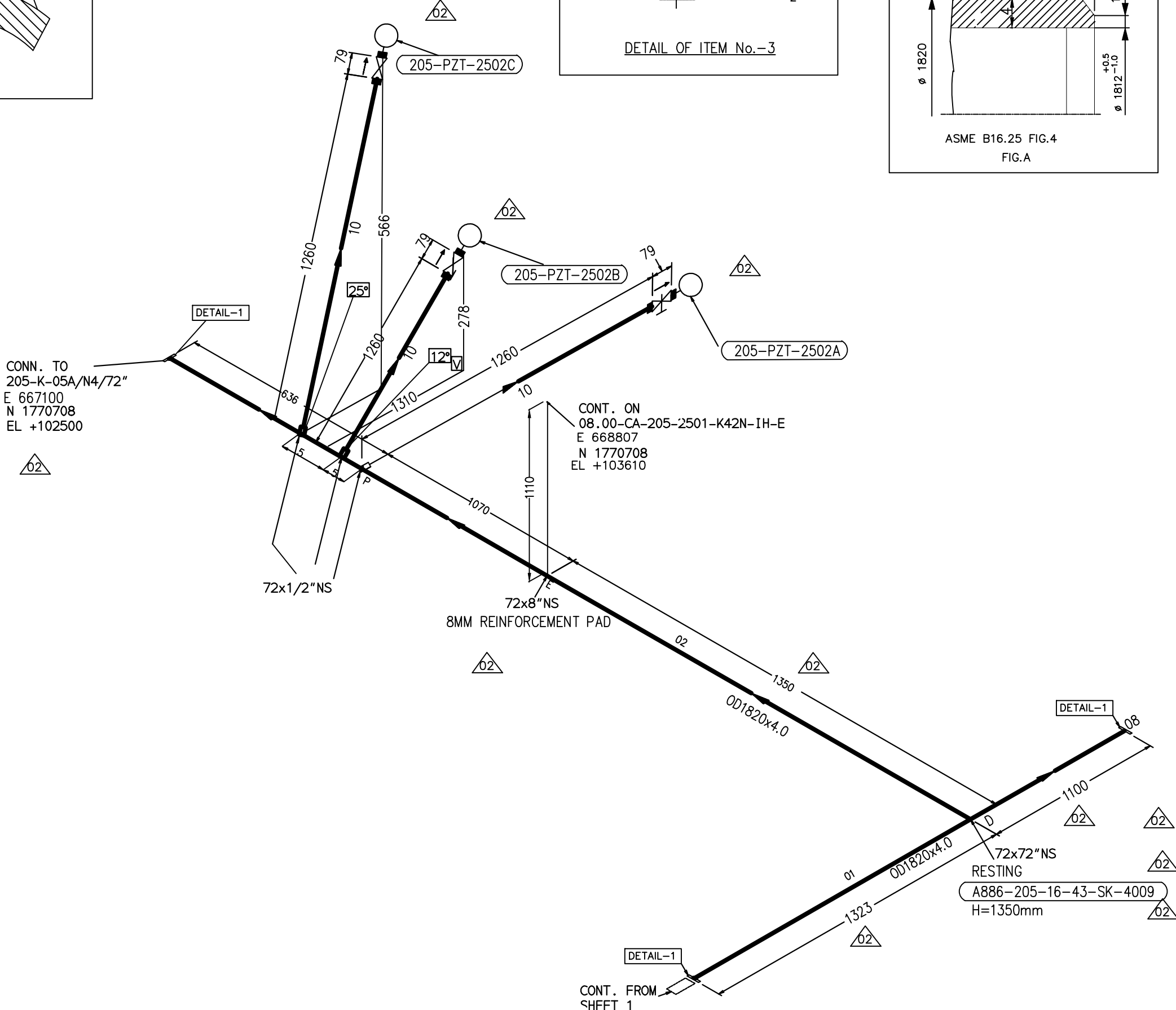


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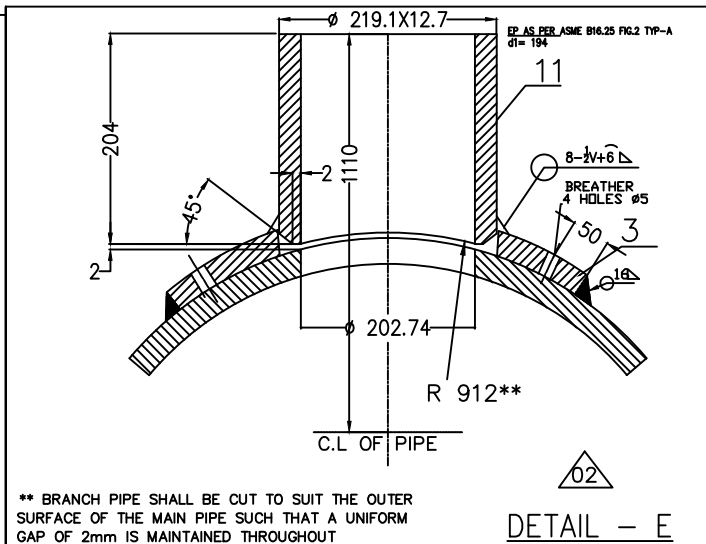
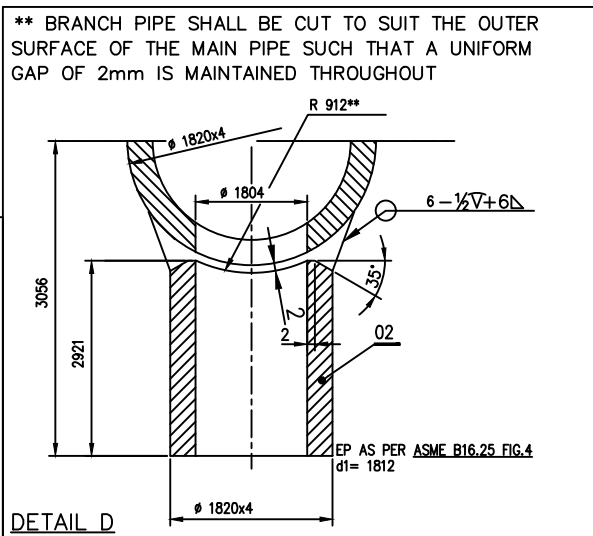
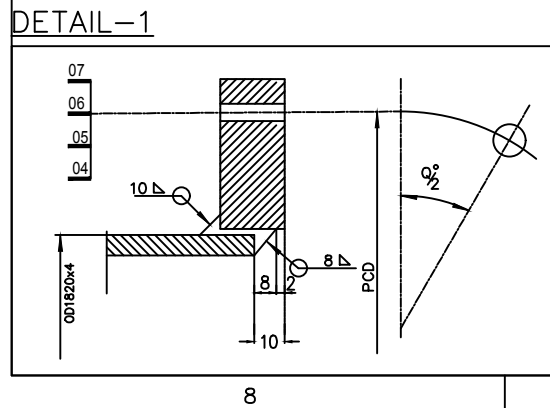
FIRST ANGLE PROJECTION (ALL DIMENSIONS IN MILLIMETRES)



- NOTES:
- ALL DIMENSIONS ARE IN MILLIMETRES
- DESIGN PRESSURE - 0.2 KG/CM² (G) DESIGN TEMPERATURE: 250°C
 - FOR STANDARD NOTES OF PRODUCTION AND ERECTION OF PIPES AND TOLERANCE ON FITTINGS REFER DRG NO. 4-80-001-37654 & 4-80-301-26192
 - FOLLOW APPLICABLE QP AND PAINTING SCHEDULE FOR THE PROJECT
 - ALL UNMARKED BENDS/ELBOWS ARE 90 DEG
 - PIPE ENDS SHALL BE BEVELLED AS PER B16.25 FIG.4
 - GASKET IS SUPPLIED VIDE 7419-80-733 PGMA.
 - FOR ELECTRODE DATA REFER
- | PIPE SIZE | MATERIAL SPEC | EP FIG | WELD SPEC | ELECTRODE DATA | |
|-----------|------------------|--------|------------------------------|----------------|-------------|
| | | | | ROOT RUN | FILLER RUN |
| OD1820x4 | ASTMA182GR.F316L | FIG-A | 8 $\sqrt{V}$
6 $\sqrt{V}$ | ER316L | ER316L/ |
| OD1620x4 | | | | | E316L-15/16 |
| OD610x6 | | | | | |
- THREADS SHALL BE UNIFIED(UNC FOR UPTO 1" DIA) AS PER ASME B1.1 WITH CLASS 2A FIT FOR STUDS AND CLASS 2B FIT FOR NUTS.
 - Ø INDICATES WELD AT SHOP.
 - ✕ INDICATES WELD AT SITE.
 - ITEM NO.8 SHALL BE SUPPLIED IN LOOSE.



P18Y313Z04845ZZZZ	11	PIPE OD219.1x12.7 L=204	2-80-655-15978	---	ASTM A 182 GR.F316L	C	13	181
PI34077Z00414ZZZZ	10	PIPE NB15 L=4000	2-80-655-15978	---	ASTM A 182 GR.F316L	C	6	156
----	09	SW STUB NB15 CL:3000	4-80-655-83173	---	ASTM A 182 GR.F316L	C	0	249
FBF6321Z048ZZZZZZ	08	BLIND FLANGE. CL.150 FF/125AARH 72"	2-80-655-16057	---	ASTM A 182 GR.F316L	C	214	297
GKFDSC2Z048ZZZZZZ	07	GASKET JOB STD EXPANDED PTFE CORD 150# 7MM THK - 72"	2-80-655-15978	---	---	---	---	---
---	06	NUT 3/4" UNC	2-80-655-15978	---	A-194 Gr.8M	---	0	065
---	05	STUD 3/4" UNC L=131MM	2-80-655-15978	---	A-193 Gr. B8M Cl. 2	---	0	322
FNFC121Z048ZZZZZZ	04	FLANGE.SO CL.150 FF 72"	2-80-655-16056	---	ASTM A 182 GR.F316L	C	82	104
	03	PAD PLATE 8MM OD500/ID223	2-80-655-15978	---	ASTM A 182 GR.F316L	C	39	491
P18Y313Z04845ZZZZ	02	P.F PIPE OD1820x4 L=2921	3-80-655-35571	---	ASTM A 182 GR.F316L	C	533	258
P18Y313Z04845ZZZZ	01	P.F PIPE OD1820x4 L=2423	3-80-655-35571	---	ASTM A 182 GR.F316L	C	442	343
ITEM CODE	ITEM NO.	DESCRIPTION	DRAWING NO.	ITEM NO. VAR	MATERIAL CODE MATERIAL SPEC.	A C	UNIT WT.	QTY.



REV 02	DATE 13.05.19	ALTERED E.PYRIA	APPROVED KVR
ZONE	DRAWING REVISED AS PER LATEST EIL DRAWING.		
REV 01	DATE 29.04.19	ALTERED M.P.K	APPROVED TRINADH
ZONE	DRAWING REVISED AS PER MAIL FROM EIL DT:24.04.19		
	REVISION MARKED AS	02	
	REVISION MARKED AS	01	

CUSTOMER		INDIAN OIL CORPORATION LIMITED (HALDIA)				BHCL	
CONSULTANT		ENGINEERS INDIA LIMITED (EIL) NEW DELHI				CUSTOMER NO: 7419	
NAME OF PROJECT		BS-VI, HALDIA					
		DRN	E.PYRIA	SIGN	DATE	NO OF	
		CHD	SARAVANAN.C	-sd-	27.02.19	ITEMS	
		APPD	KVR	-sd-	27.02.19		
DEPT.	GRADE OF UN TOL. DIM	SCALE		WEIGHT (Kg).	ITEM No.		
CODE	C/M/F						
TITLE				EIL DRAWING NO:	CARD CODE	DRAWING No.	REV
72-P-205-2402-K42N-IH-E (SH 2 OF 2)					U 01	2-80-655-15978	02