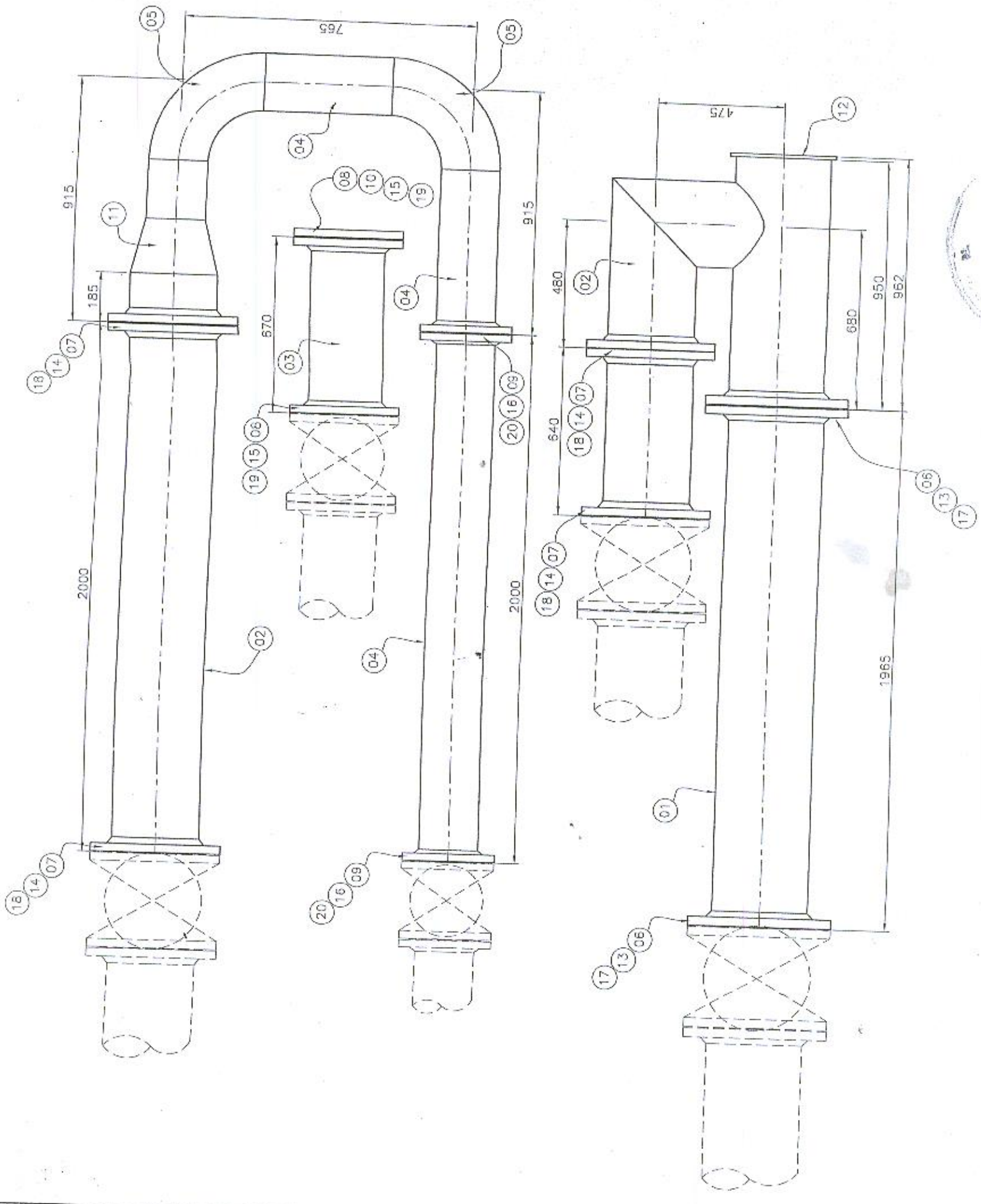


BILL OF MATERIALS

CARBON STEEL

TYPE OF MATERIAL		DESCRIPTION		MATERIAL	
POS	QTY	SIZE	MIN. THK.	DESCRIPTION	MATERIAL
1	3.0M	14"	6.35	LNE PIPE	A106Gr. A
2	4.0M	12"	6.35	LNE PIPE	A106Gr. A
3	1.0M	10"	6.35	LNE PIPE	A106Gr. A
4	4.0M	8"	6.35	LNE PIPE	A106Gr. A
5	2Nos.	8"	6.35	ELBOWS 90° LR BW	A106Gr. A
6	3Nos.	14"	-	FLANGE 150# S.O RF	A234WPA
7	5Nos.	12"	-	FLANGE 150# S.O RF	A105Gr. 1
8	2Nos.	10"	-	FLANGE 150# S.O RF	A105Gr. 1
9	3Nos.	8"	-	FLANGE 150# S.O RF	A105Gr. 1
10	1No.	10"	-	BLIND FLANGE 150# RF	A105Gr. 1
11	1No.	12"x8"	6.35	CONC. REDUCER	A234WPA
12	1No.	-	-	12MM TK. 396# PLATE	A283 Gr C
20	16Nos.	3/4"x105	-	STUD BOLT WITH TWO NUTS	A 193 B7 A 194 GR. 2H
19	24Nos.	7/8"x115	-	STUD BOLT WITH TWO NUTS	A 193 B7 A 194 GR. 2H
18	48Nos.	7/8"x115	-	STUD BOLT WITH TWO NUTS	A 193 B7 A 194 GR. 2H
17	24Nos.	1"x135	-	STUD BOLT WITH TWO NUTS	A 193 B7 A 194 GR. 2H
16	2Nos.	6"	-	GASKETS FOR 150# RF	4C3
15	2Nos.	10"	-	GASKETS FOR 150# RF	4C3
14	4Nos.	12"	-	GASKETS FOR 150# RF	4C3
13	2Nos.	14"	-	GASKETS FOR 150# RF	4C3



PLAN



REV	DATE	BY	CHKD	APPROVED	DISCRPTION
A					FOR CONSTRUCTION
O	18.10.20	RAJAN			FOR COMMENTS

PIPE LINES REPLACEMENT
AT HARBOUR SITE

LOCATION : HARBOUR	PROJECT
CEYLON PETROLEUM CORPORATION REFINERY DIVISION SAPUGASKANDA	SCALE:
	DWG.No:8940