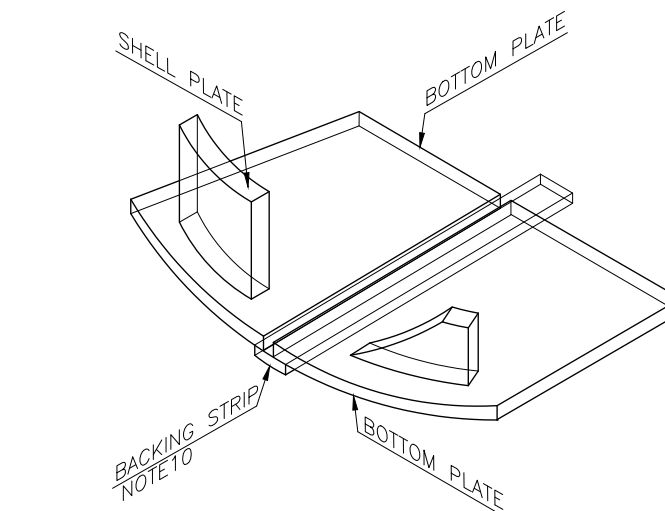
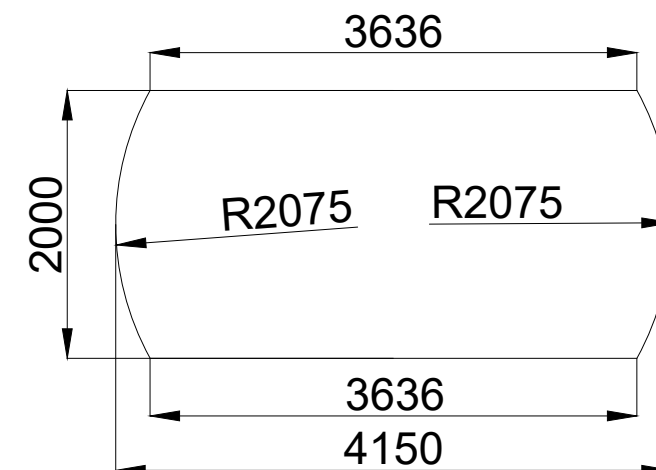




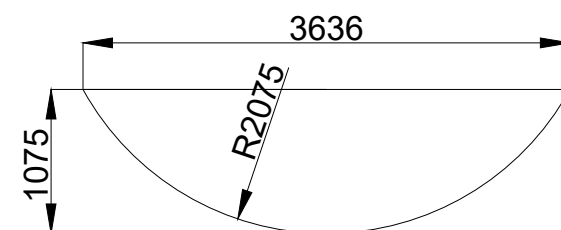
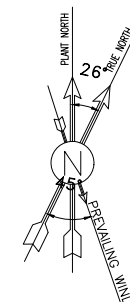
BOTTOM PLATE UNDER SHELL
(NOT SC.)



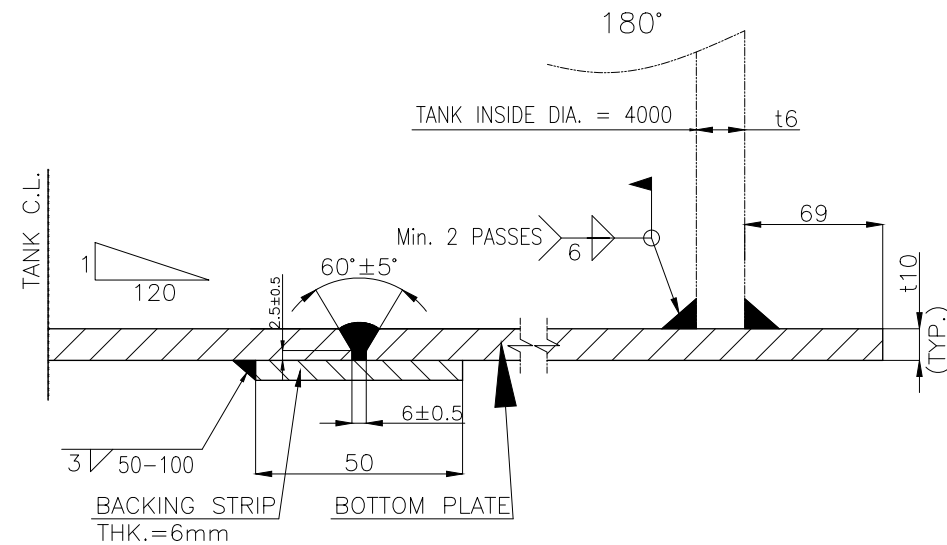
CUTTING PLAN B2
SCALE = 2:1

PART LIST							
ITEM	PART NAME	DIMENSION	MATERIAL	QTY.	WEIGHT (Kg)		REMARK
					UNIT	TOTAL	
B2	BOTTOM PLATE	PL.4150x2000x10	A-283 C	1	626	626	
B1	BOTTOM PLATE	PL.3636x1075x10	A-283 C	2	219	438	
BS1	BACKING STRIP	PL.3763x50x6	A-283 C	2	8.9	17.8	

TOTAL WEIGHT 1081.8(KG)



CUTTING PLAN B1
SCALE = 2:1

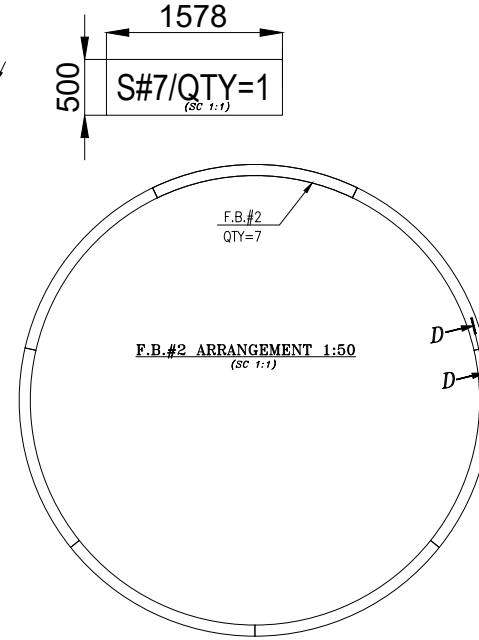
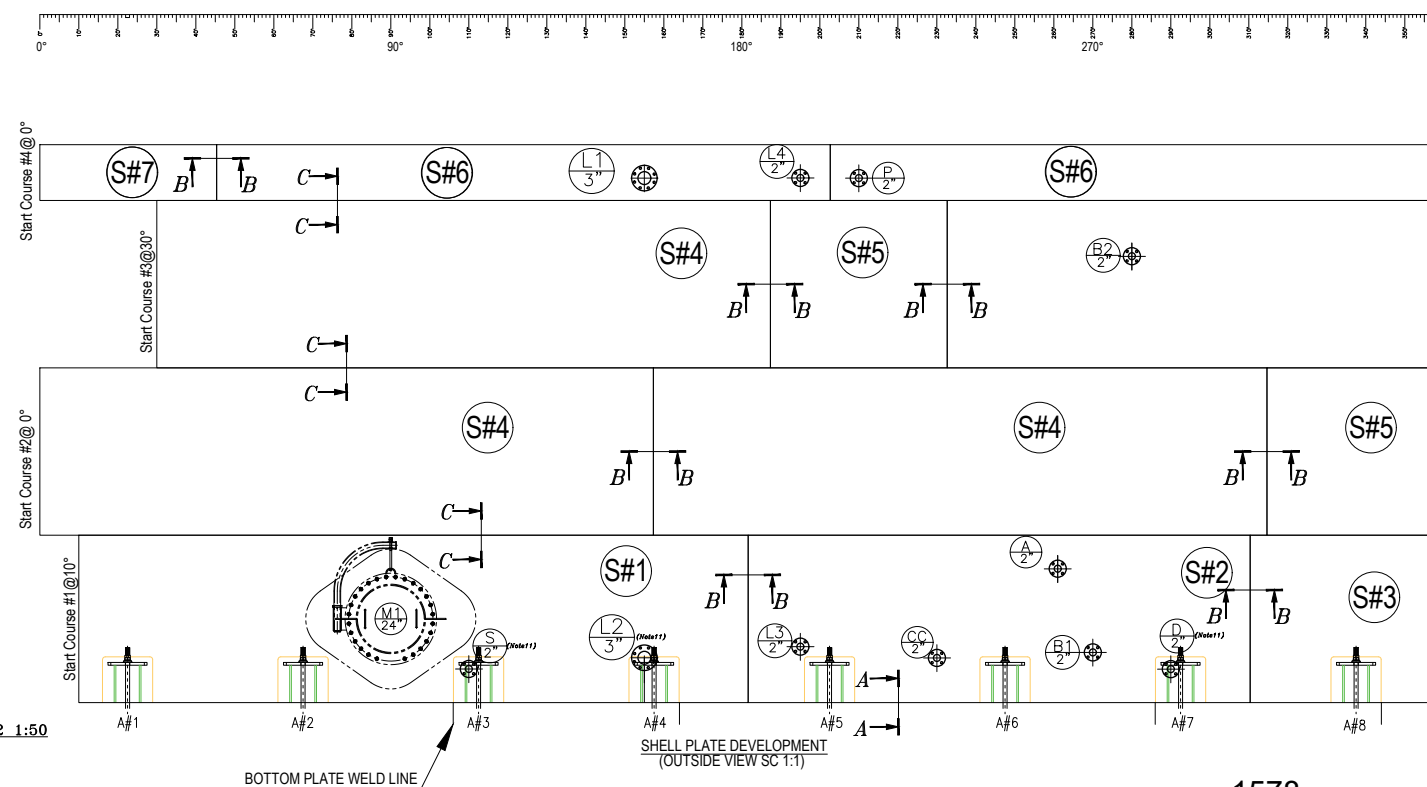


GENERAL WELDING
(NOT SC.)

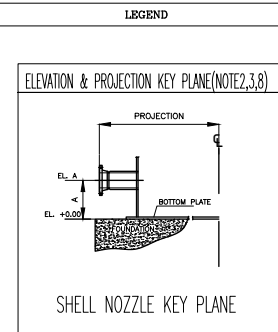
- ### NOTES
1. UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN MILLIMETERS.
 2. ALL TOLERANCES SHALL BE IN ACCORDANCE WITH API-650.
 3. SUMP OPENING SHALL BE CUT AT SITE AFTER TOTAL ECTION OF BOTTOM PLATE.(REFER TO WATER DRAW OFF SUMP DRAINING FOR LEAK CYCLOD STORAGE TANK - (T1-2103))
 4. A MINIMUM OF TWO PASS WELDS SHALL BE DEPOSITED ON ALL LAP JOINTS.
 5. MAKE GROOVE IN FOUNDATION UNDER BACK STRIP BEFORE PLACING INSULAR BOTTOM PLATE.
 6. ALL WELDS SHALL BE FINISHED SMOOTHLY AND THE SURFACE OF WELDED AREA SHALL BE FREE FROM SPATTER AND SLAG.
 7. PROPER REDUNDANCY FOR SITE ADJUSTMENT SHALL BE CONSIDERED FOR ALL ITEMS THAT WILL BE INSTALLED ON THE JOB SITE.
 8. SUMP TO BE PLACED IN THE FOUNDATION BEFORE BOTTOM PLATE INSTALLATION.
 9. IF IT IS NECESSARY TO USE DRIP RING, THE NECESSARY DATA SHOULD BE ADDED TO THE RELEVANT DOCUMENTS.
 10. THE EXTRA BACK STRIP SHALL BE CUT ACCORDING TO THE CURVE OF THE BOTTOM PLATE,GRINDING & FULL RT OF COTTOM PLATE END (15CM) AT INTERSECTION POINT WITH SHELL.

LEGEND

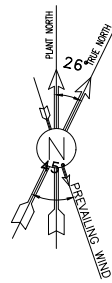
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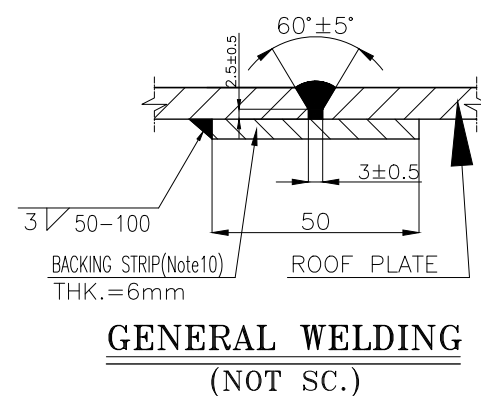
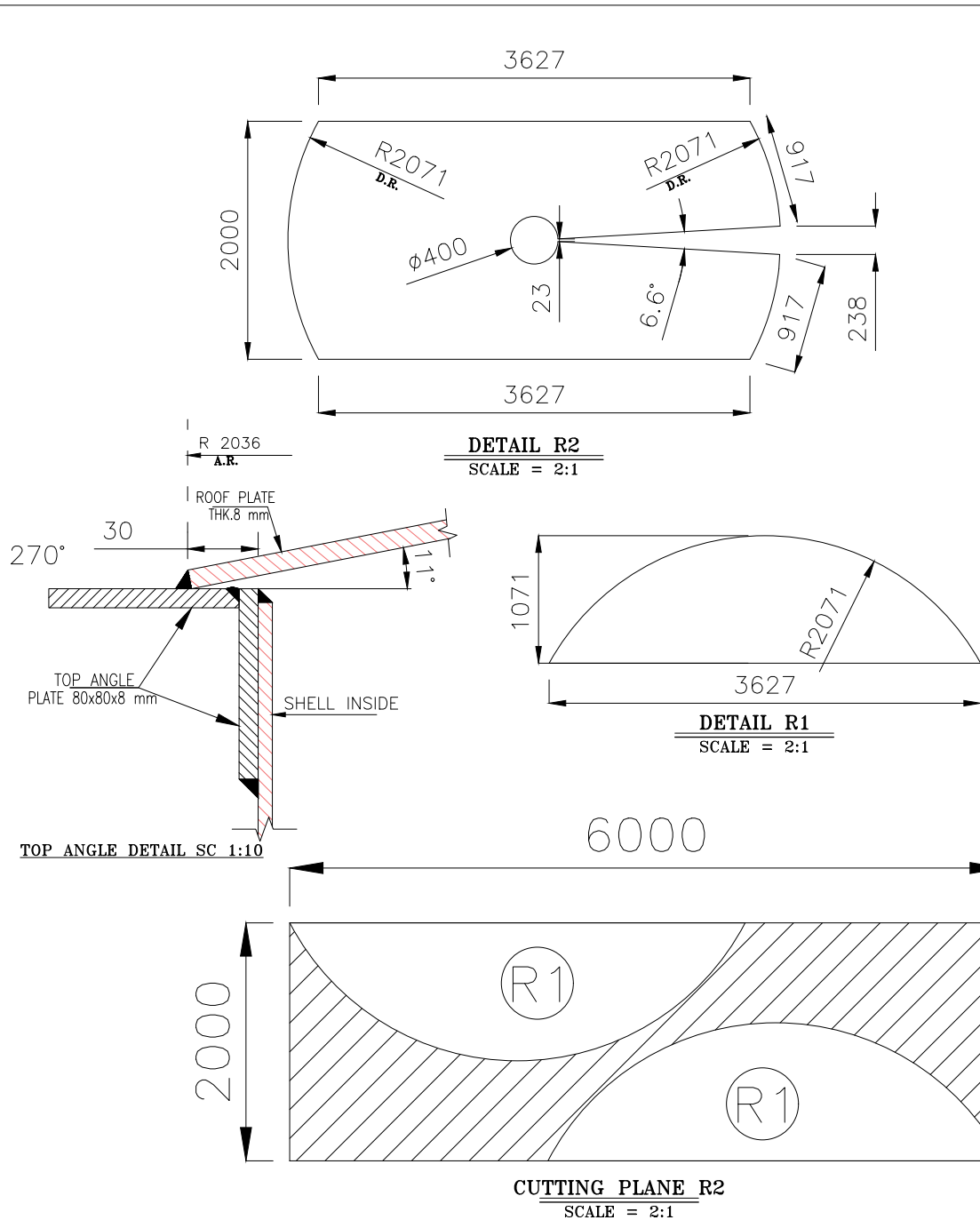
[illegible]

- ### NOTES
1. UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN MILLIMETERS.
 2. ALL TOLERANCES SHALL BE IN ACCORDANCE WITH API-650.
 3. SUMP OPENING SHALL BE CUT AT SITE AFTER TOTAL ERECTION OF BOTTOM PLATE.(REFER TO WELD DRAW OFF SUMP DRAWING FOR LEAN GLYCOL STORAGE TANK (TK-2102))
 4. A MINIMUM OF TWO PASS WELDS SHALL BE DEPOSITED ON ALL LAP JOINTS.
 5. MAKE GROOVE IN FOUNDATION UNDER BACK STRIP BEFORE PLACING ANNULAR BOTTOM PLATE.
 6. ALL WELDS SHALL BE FINISHED SMOOTHLY AND THE SURFACE OF WELDED AREA SHALL BE FREE FROM SPATTER AND SLAG.
 7. PROPER REDUNDANCY OF WELDS SHALL BE MAINTAINED AND BE CONSIDERED FOR ALL ITEMS THAT WILL BE INSTALLED AT THE JOB SITE.
 8. SUMP TO BE PLACED IN THE FOUNDATION BEFORE BOTTOM PLATE IS LAYED.
 9. IF IT IS NECESSARY TO USE DRIP RING, THE NECESSARY DATA SHOULD BE ADDED TO THE RELEVANT DOCUMENTS.
 10. THE EXTRA BACK STRIP SHALL BE CUT ACCORDING TO THE CURVE OF THE BOTTOM PLATE.
 11. IN ORDER TO STRADDLE THE TANK ANCHOR, THERE WILL BE A COLLISION BETWEEN THE NOZZLES "S,L2,D" AND THE ANCHOR CHAIR(A3,A4,A7,B7), IN ORDER TO PREVENT THIS CLASH, IT IS SUGGESTED TO INCREASE THE HEIGHT OR ELEVATION MENTIONED NOZZLES.



REFERENCE DOCUMENT	DRG. No.
MECHANICAL DATA SHEETS FOR LEAN GLYCOL STORAGE TANK	BK-0C3-PEDCO-120-ME-PT-0016-D04
Mechanical Design Criteria	BK-GNRL-PEDCO-000-ME-DC-0001
Specification for Painting	BK-GNRL-PEDCO-000-PI-SP-0006
Specification for Insulation	BK-GNRL-PEDCO-000-PI-SP-0019
Specification for Lining	BK-GNRL-PEDCO-000-PI-SP-0007



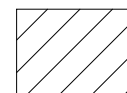


PART LIST							
ITEM	PART NAME	DIMENSION	MATERIAL	QTY.	WEIGHT (Kg)		REMARKS
					UNIT	TOTAL	
R1	ROOF PLATE Thk.8 mm	SEE DWG	A-283 C	1	523	523	
R2	ROOF PLATE Thk.8 mm	SEE DWG	A-283 C	2	173	346	
B.S.	BACKING STRIP	PL.3487x50x6	A-283 C	2	16.2	16.4	Note 10
TOTAL WEIGHT					1081.8(KG)		

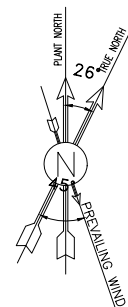
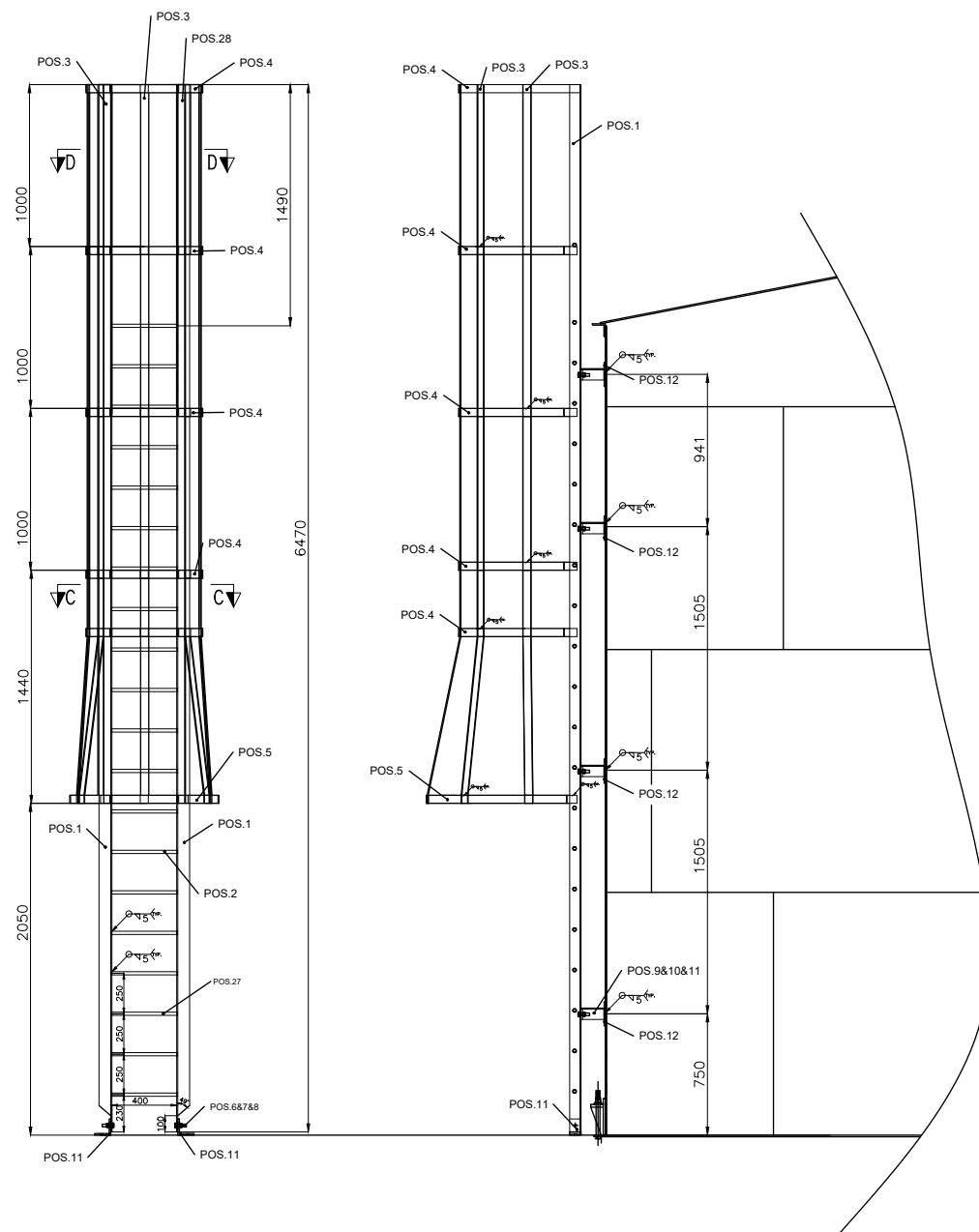
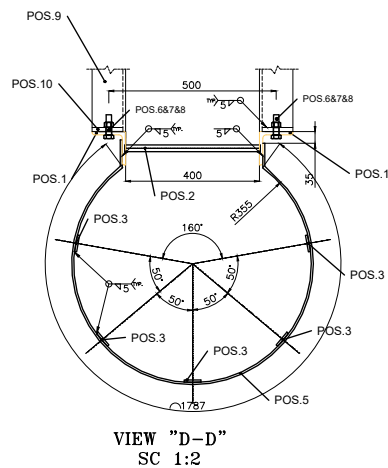
[illegible]

1. UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN MILLIMETERS.
2. ALL TOLERANCES SHALL BE IN ACCORDANCE WITH API-650.
3. GENERAL ARRANGEMENT DRAWING IS THE MORE CORRECT REFERENCE FOR SIZE AND LOCATION OF NOZZLES.
4. A MINIMUM OF TWO PASS WELDS SHALL BE DEPOSITED ON ALL LAP JOINTS.
5. THE SURFACE OF WELDED AREA SHALL BE FREE FROM SPATTER AND SLAG.
6. PROPER REDUNDANCY FOR SITE ADJUSTMENT SHALL BE CONSIDERED FOR ALL ITEMS THAT WILL BE INSTALLED AT THE JOB SITE.
7. D.R.=DEVELOPED RADIUS & A.R.=ACTUAL RADIUS
8. ALL OPENING TO BE CUT AT SITE.
9. WHERE EVER THE WELD LINES IS COVERED BY A NOZZLE PAD, IT MUST BE SMOOTH AND THE NECESSARY PT TEST PERFORMED.
10. IN ORDER TO AVOID CREATING A GAP AT THE JUNCTION OF THE ROOF PLATE WITH THE TOP ANGLE, FROM BOTH SIDES B.S. WILL BE CUT.

LEGEND



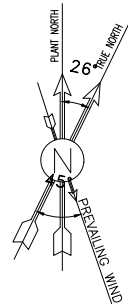
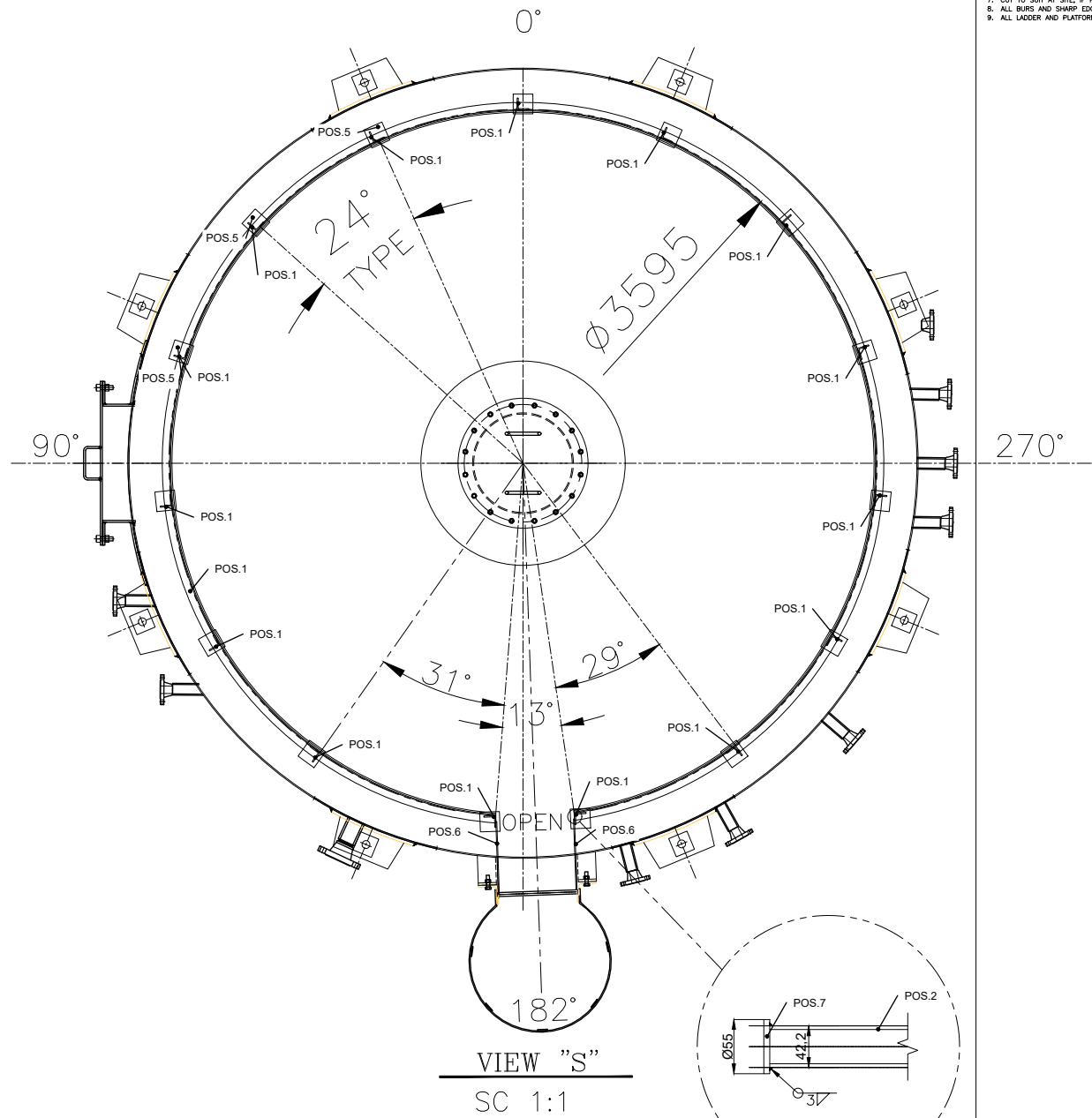
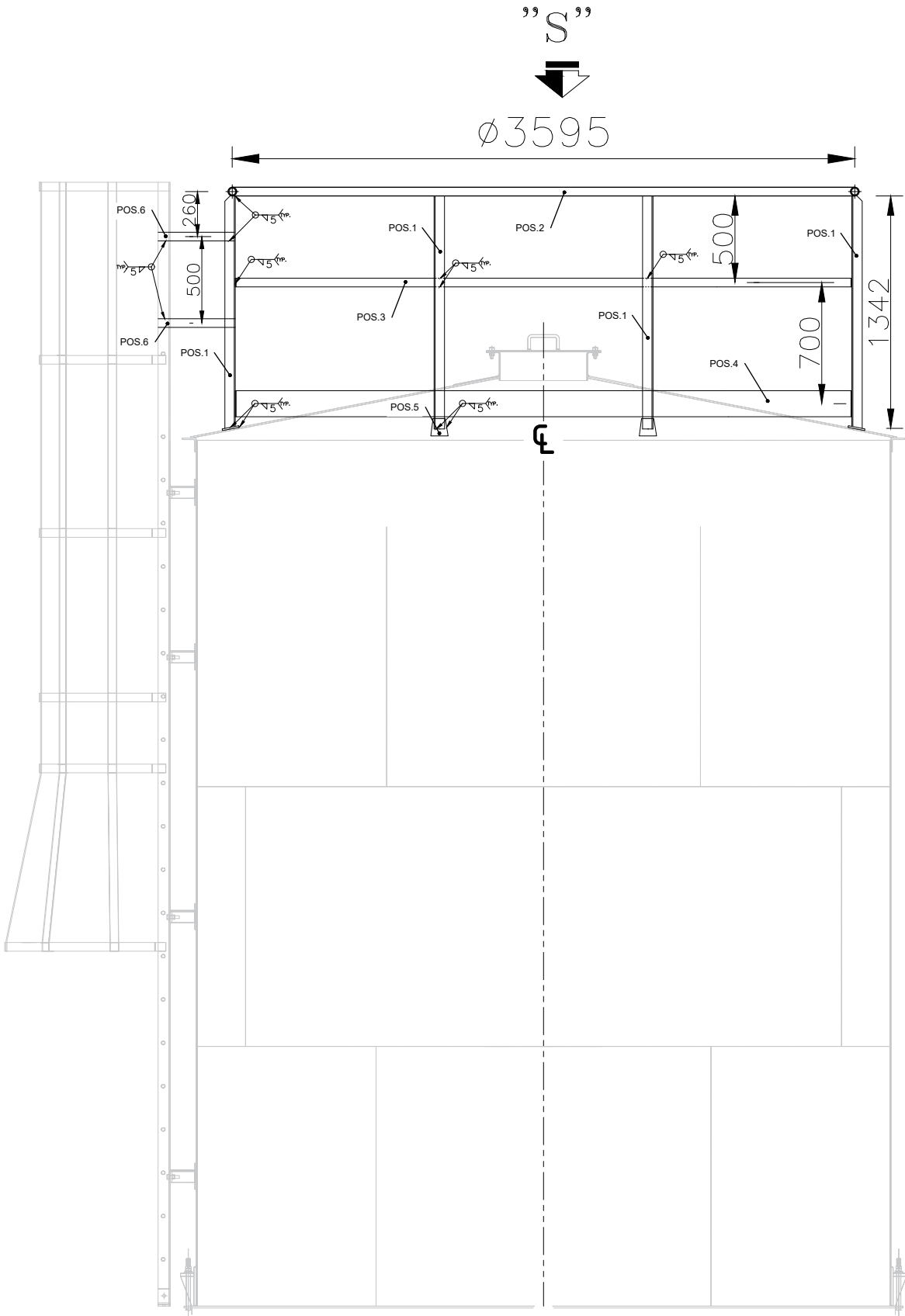
Out of the cut



- ## NOTES
1. ALL DIMENSIONS ARE IN mm, UNLESS OTHERWISE SPECIFIED.
 2. ALL POS. Nos. ARE DIRECTION MARKS.
 3. IN ADDITION TO SPECIFIED LENGTHS , SOME EXTRA LENGTH SHALL BE CONSIDERED FOR SITE ADJUSTMENT.
 4. ALL REINFORCING BAR SHALL BE SHAPED TO SUIT TANK CURVATURE.
 5. SHALL BE AUGMENTED AND DRILLED AT SITE.
 6. IN CASE OF LOCATING ANY REINFORCING BAR ON THE SHELL WELD, THE SHELL WELD SHALL BE FULLY RADIOGRAPHED FOR A DISTANCE AS PER RT PROCEDURE OR RT MAP.
 7. CUT TO SUIT AT SITE, IF REQUIRED FOR ROOF SUPPORT SUPPORTS ADJUSTMENT.
 8. ALL BURS AND SHARP EDGES SHALL BE REMOVED BY GRINDING.
 9. ALL LADDER AND PLATFORM COMPONENTS SHALL BE PAINTED PER PROJECT.

Part List						
Part List	Description	DIMENSIONS	Material	QTY.	Weight (kg)	
					Unit	total
Pos 1	Angle 80x80x8	Length:6470	ST 37	2	63.0	126.0
Pos 2	Rod Bar Ø20	Length:406	ST 37	20	1.1	22.0
Pos 3	Cage Bar	Flat Bar 50x5-Length:4440	ST 37	5	8.8	44.0
Pos 4	Cage Bar	Flat Bar 50x5-Length:1900	ST 37	2	3.8	7.6
Pos 5	Cage Bar	Flat Bar 50x5-Length:2500	ST 37	1	4.9	4.9
Pos 6	Bolt	M16-Length:70	A325	10		###
Pos 7	Nut	M16	A563	10		###
Pos 8	Washer	M16	F436	10		###
Pos 9	Angle 80x80x8	Length:142	ST 37	8	1.4	11.2
Pos 10	Plate	60x60x10	ST 37	8	0.3	2.4
Pos 11	Angle 80x80x8	Length:80	ST 37	2	0.8	1.6
Pos 12	Plate	150x150x8	ST 37	8	1.5	12.0

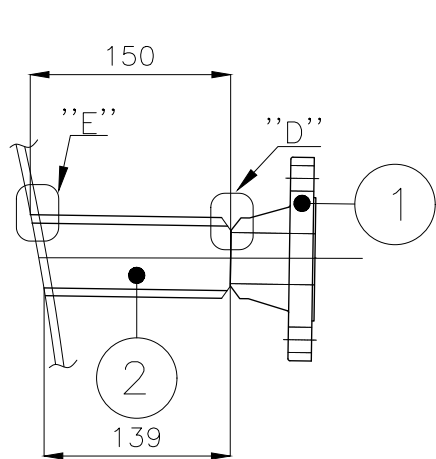
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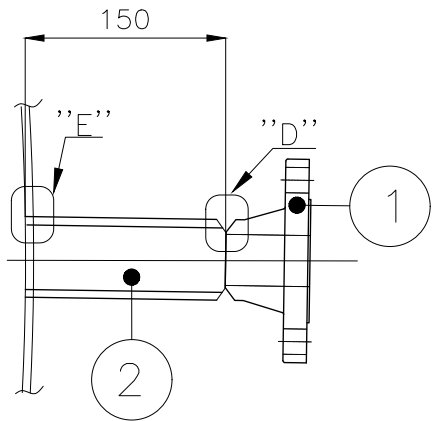
- NOTES
1. ALL DIMENSIONS ARE IN MM, UNLESS OTHERWISE SPECIFIED.
 2. ALL POS. NOS. ARE ERECTION MARK.
 3. IN ADDITION TO SPECIFIED LENGTHS, SOME EXTRA LENGTH SHALL BE CONSIDERED FOR SITE ADJUSTMENT.
 4. ALL REINFORCING PAD SHALL BE SHAPED TO SUIT TANK CURVATURE.
 5. SHALL BE ADJUSTED AND DRILLED AT SITE.
 6. IN CASE OF LOCATING ANY REINFORCING PAD ON THE SHELL WELD, THE SHELL WELD SHALL BE FULLY RADIOGRAPHED FOR A DISTANCE AS PER RT PROCEDURE OR RT MAP.
 7. CUT TO SUIT AT SITE, IF REQUIRED FOR ROOF PLATFORM SUPPORTS ADJUSTMENT.
 8. ALL BURS AND SHARP EDGES SHALL BE SMOOTH GROUND.
 9. ALL LADDER AND PLATFORM COMPONENTS SHALL BE PAINTED PER PROJECT.

Part List						
Part List	Description	DIMENSIONS	Material	QTY.	Weight (kg)	
Pos 1	Post Angle L80x60x6	Length:1342	ST 37	15	7.4	111.0
Pos 2	Pipe 1 1/2" Handrail	Length:12600	A53	1	43.0	43.0
Pos 3	MID RAIL	Flat Bar 50x5-Length:12600	ST 37	1	25.0	25.0
Pos 4	Bottom Rail	Flat Bar 150x5-Length:12600	ST 37	1	75.0	75.0
Pos 5	Pad Plate	100x100x10	ST 37	15	0.8	12.0
Pos 6	MID RAIL	Flat Bar 50x5-Length:500	ST 37	4	0.8	3.2
Pos 7	End Plate	Plate Ø55-Thk.6 mm	ST 37	2	0.2	0.4
					269.6	

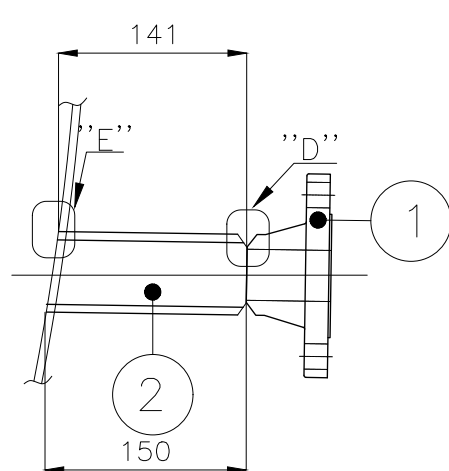
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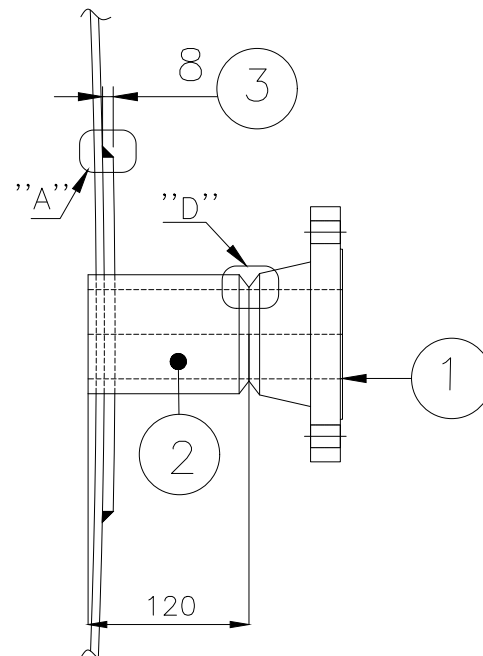
TOP VIEW OF B2
2"
SCALE: 1:1



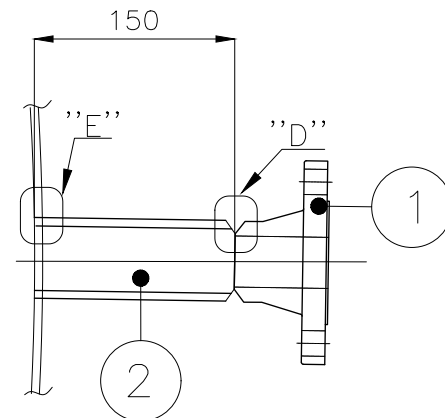
TOP VIEW OF B1
2"
SCALE: 1:1



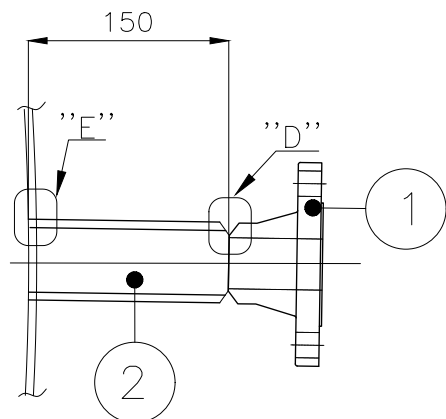
TOP VIEW OF A
2"
SCALE: 1:1



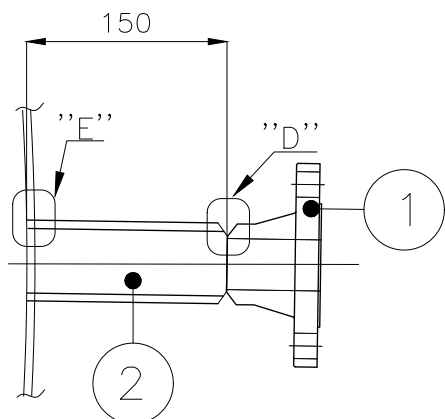
TOP VIEW OF L1
3" L2
3"
SCALE: 1:1



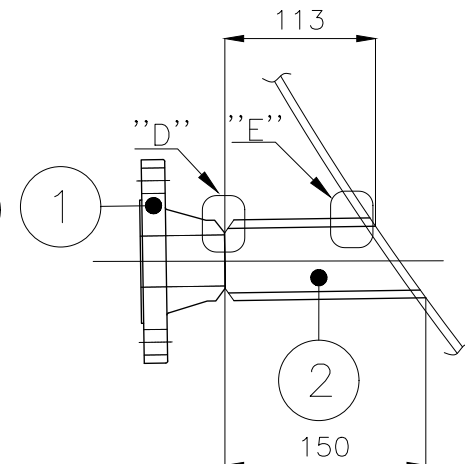
TOP VIEW OF CC
2"
SCALE: 1:1



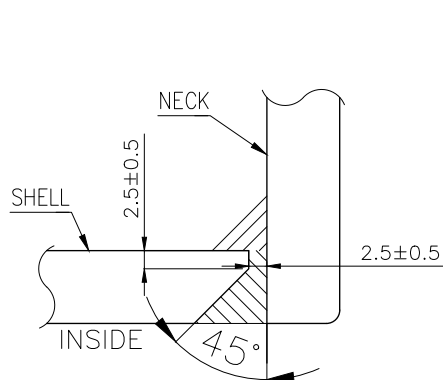
TOP VIEW OF P
2"
SCALE: 1:1



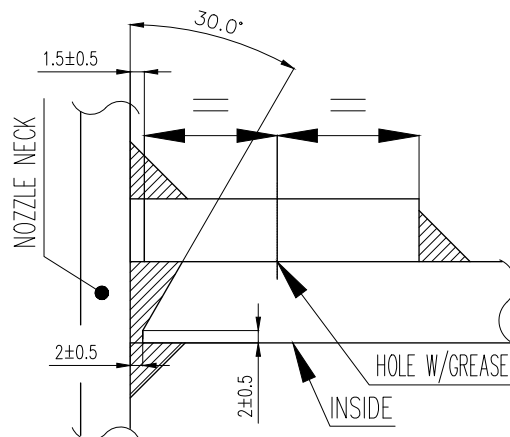
TOP VIEW OF L4
2" L3
2"
SCALE: 1:1



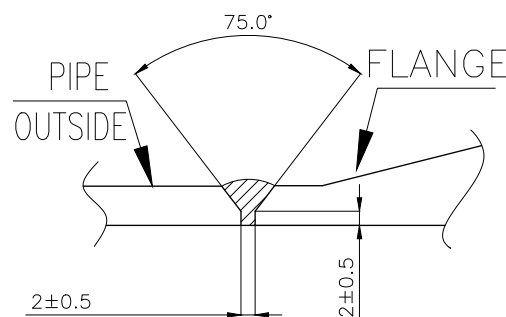
TOP VIEW OF S
2"
SCALE: 1:1



DETAIL "E"
N.T.S.



DETAIL "A"
N.T.S.



DETAIL "D"
N.T.S.

ITEM	DESCRIPTION	SIZE/TYPE/CLASS	MATERIAL	QTY	WT (KG)	DRG. NO.
L1,2	1 FLANGE	3"/W.N./#150	A 105	2	4.9	9.8
	2 NOZZLE NECK PIPE	3"/SCH80/Length=120	A 106 B	2	1.9	3.8
3	PAD PLATE	O.D.265xI.D.94x18	A283 C	2	3	6
S	1 FLANGE	2"/W.N./#150	A 105	1	2.6	2.6
	2 NOZZLE NECK PIPE	2"/SCH80/Length=150	A 106 B	1	1.2	1.2
L3,4	1 FLANGE	2"/W.N./#300	A 105	2	3.4	6.8
	2 NOZZLE NECK PIPE	2"/SCH80/Length=150	A 106 B	2	1.2	2.4
P	1 FLANGE	2"/W.N./#300	A 105	1	3.4	3.4
	2 NOZZLE NECK PIPE	2"/SCH80/Length=150	A 106 B	1	1.2	1.2
CC	1 FLANGE	2"/W.N./#300	A 105	1	3.4	3.4
	2 NOZZLE NECK PIPE	2"/SCH80/Length=150	A 106 B	1	1.2	1.2
A	1 FLANGE	2"/W.N./#150	A 105	1	2.6	2.6
	2 NOZZLE NECK PIPE	2"/SCH80/Length=150	A 106 B	1	1.2	1.2
B1	1 FLANGE	2"/W.N./#150	A 105	1	2.6	2.6
	2 NOZZLE NECK PIPE	2"/SCH80/Length=150	A 106 B	1	1.2	1.2
B2	1 FLANGE	2"/W.N./#150	A 105	1	2.6	2.6
	2 NOZZLE NECK PIPE	2"/SCH80/Length=150	A 106 B	1	1.2	1.2

TOTAL WEIGHT= 53.2 (KG)

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES
GAS & GAS-CONDENSATE PIPELINES

PROJECT NO.: 971020	RPD/BPC CONTRACTOR (GC):
HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES	PEDCO

DRAWING TITLE:
Detail Drawing for Lean Glycol Storage Tank (TK-2102) (SHELL NOZZLE)

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
1:5	A3	BK-GCS-IDR-120-MR-DW-0005	6 OF 10	V00

- NOTES
- UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN MILLIMETERS.
 - UNLESS OTHERWISE NOTED OUTSIDE PROJECTION OF SHELL NOZZLES ARE MEASURED FROM CENTER LINE OF TANK TO THE EXTREME FACE OF NOZZLE.
 - ALL FLANGE BOLT HOLES TO STRADDLE MAIN CENTER LINES EXCEPT AS SHOWN OTHERWISE.
 - THE REINFORCEMENTS SHALL HAVE MINIMUM ONE VENT HOLE AND BE TESTED IN ACCORDANCE WITH RELEVANT TESTING PROCEDURE. AFTER THE TEST, THE TEST HOLES SHALL BE FILLED BY HEAVY GREASE.
 - WHERE RADIUS IS NOT DIMENSIONED R = 5 MM.
 - ALL TOLERANCES SHALL BE IN ACCORDANCE WITH AP-450 AND PROJECT SPECIFICATION(S).
 - FLANGES TO BE IN ACCORDANCE WITH ASME/ANSI B.16.5 FOR 2" OR LESS. FLANGE FACE MACHINING SHALL BE SMOOTH WITH 125 MICRO INCH MINIMUM TO 500 MICRO INCH MAXIMUM.
 - FOR NOZZLES ORIENTATION AND ELEVATION SEE GENERAL ASSEMBLY DRAWING.
 - WELDING LOCATION:
 - FLANGE TO NECK WELDING AT SHOP
 - NECK WELDING AT SHOP
 - NOZZLE TO SHELL AT SITE
 - PAD TO SHELL AT SITE
 - NECK TO FITTING AT SITE
 - OTHER FILLET AT SITE UNLESS OTHERWISE SPECIFIED.
 - NOZZLE NECK LENGTH SHALL BE ADJUSTED AT SITE.

REV.	DESCRIPTION	BY	DATE	BY	DATE

THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS

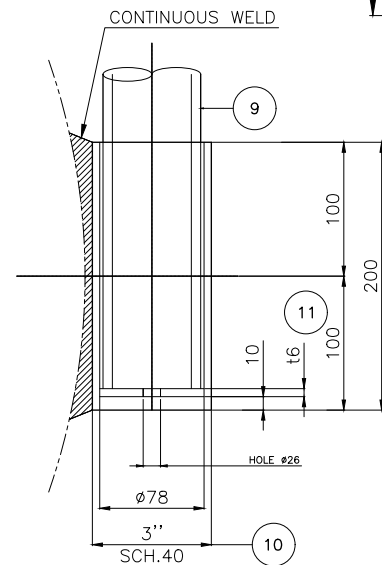
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION	BY:	DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION



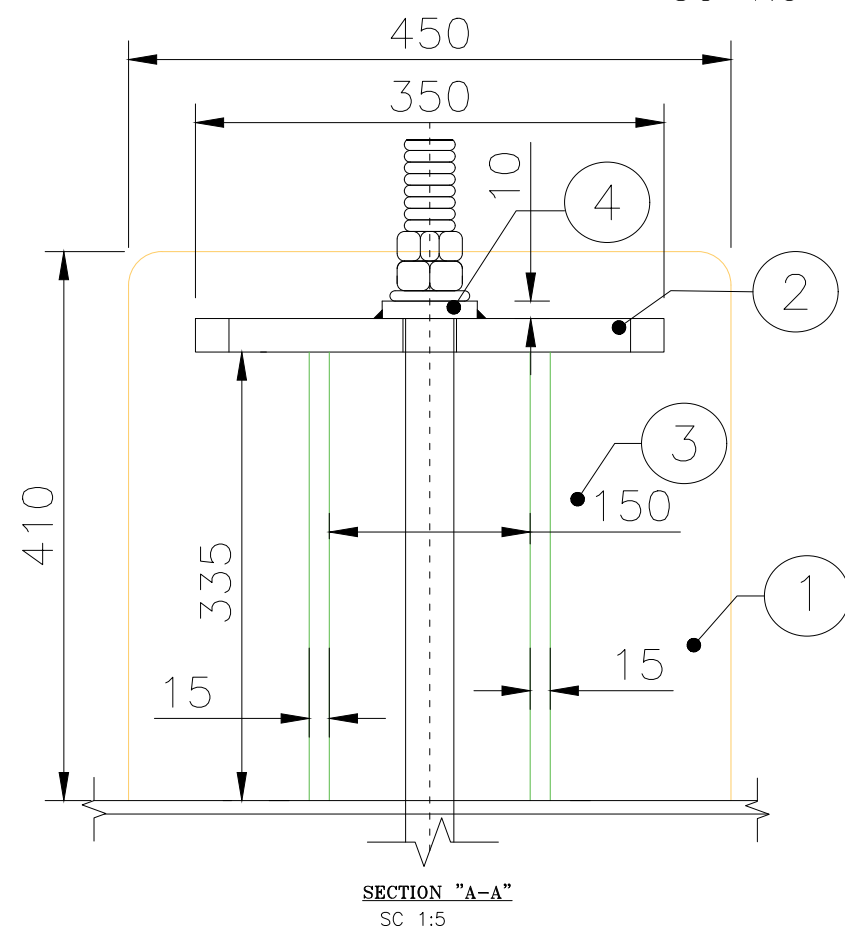


NOTES

1. UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN MILLIMETERS.
2. UNLESS OTHERWISE NOTED OUTSIDE PROJECTION OF SHELL MANHOLE ARE MEASURED FROM 6" OF TANK TO THE EXTREME FACE OF NOZZLE.
3. ALL FLANGE BOLT HOLES TO STRADDLE MAIN CENTER LINES EXCEPT AS SHOWN OTHERWISE.
4. THE REINFORCING PADS SHALL BE TESTED IN ACCORDANCE WITH RELEVANT TESTING PROCEDURE. AFTER THE TEST, TELLTALE HOLE SHALL BE FILLED BY HEAVY GREESE.
5. WHERE RADIUS IS NOT DIMENSIONED R = 5 mm.
6. ALL TOLERANCES SHALL BE IN ACCORDANCE WITH API-650 AND PROJECT SPECIFICATIONS(S)
7. ALL THREADS SHALL BE IN ACCORDANCE WITH ASME B1.1.
8. REINFORCING PLATE SHALL BE FORMED TO FIT THE SHELL CURVATURE.
9. PROPER REINFORCEMENT FOR SITE ADJUSTMENT SHALL BE PROVIDED FOR ALL ITEMS THAT WILL BE INSTALLED AT THE JOB SITE.
10. THE GASKET FACE SHALL BE MACHINE FINISHED TO CONSIDER A MIN. GASKET BEARING WIDTH OF 50mm BOLTING FLANGE PLATING FINISHING ROUGHNESS 3.2 TO 6.3 MICRO METER.
11. INDICATED THICKNESS FOR BOLTING FLANGE/COVER PLATE IS MINIMUM AFTER MACHINING. MENTIONED ".42mm" SHOWS EXTRA THICKNESS OF PLATE SHOULD BE CONSIDERED DUE TO MACHINING.

TOTAL WEIGHT= 258.3 (KG)

[illegible]



					TOTAL WEIGHT=(Kg)		352	
7	WASHER	—	M36	8	A 283 C	0.1	0.4	
6	NUT	—	M36	16	A563 M	0.2	3.5	
5	ANCHOR BOLT	—	M36	8	F1554 Gr.36		#####	NOTE
4	WASHER PLATE	10	SEE DWG	8	A 283 C	1	7.2	
3	GUSSET PLATE	15	SEE DWG	16	A 283 C	4.3	68.8	
2	TOP PLATE	25	SEE DWG	8	A 283 C	11	88.0	
1	PAD PLATE	15	SEE DWG	8	A 283 C	23	184.0	
POS.	PART NAME	Thk (mm)	DESCRIPTION	QTY.	MATERIAL	UNIT WEIGHT (Kg)	TOTAL WEIGHT (Kg)	REMARKS
PART LIST								

[illegible]

NOTES

1. UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN MILLIMETERS.
2. THE REINFORCEMENTS SHALL BE TESTED IN ACCORDANCE WITH RELEVANT TESTING PROCEDURE. AFTER THE TEST, THE TEST HOLES SHALL BE FILLED BY HEAVY GREASE.
3. ALL TOLERANCES SHALL BE IN ACCORDANCE WITH API-650 AND PROJECT SPECIFICATION(S).
4. REINFORCING PLATE SHALL BE FORMED TO FIT THE SHELL CURVATURE.
5. PROPER REDUNDANCY FOR SITE ADJUSTMENT SHALL BE CONSIDERED FOR ALL ITEMS THAT WILL BE INSTALLED AT THE JOB SITE.
6. WASHER PLATE SHALL BE WELDED AFTER HYDRO-TEST.
7. ALL ANCHOR BOLT/NUT SHALL BE HOT DIP GALVANIZED (BY OTHER).
8. AT THE JUNCTION OF THE ANNULAR PLATE WELDING LINE WITH THE ANCHOR PAD, USE THE METHOD MENTIONED BELOW.(enlarged pad with notch @ only anchor #4,#7,#8)

The diagram illustrates a cross-section of an anchor bolt assembly. A horizontal line represents the base surface. A vertical bolt passes through a horizontal plate. The distance from the center of the bolt to the edge of the plate is dimensioned as 450+d. The bolt has a threaded section with a nut and washer. A vertical dimension line indicates the height of the bolt head and nut assembly. A detail view shows a notch in the plate with a dimension of notch jd. The annular weld line is indicated by a dashed line and a label.

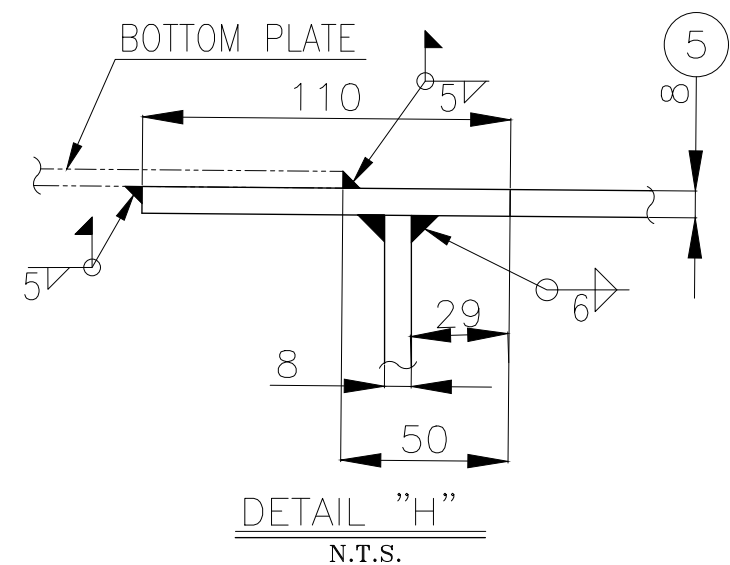
450+d

Annular Weld line

(notch)jd

(notch)jd

LEGEND

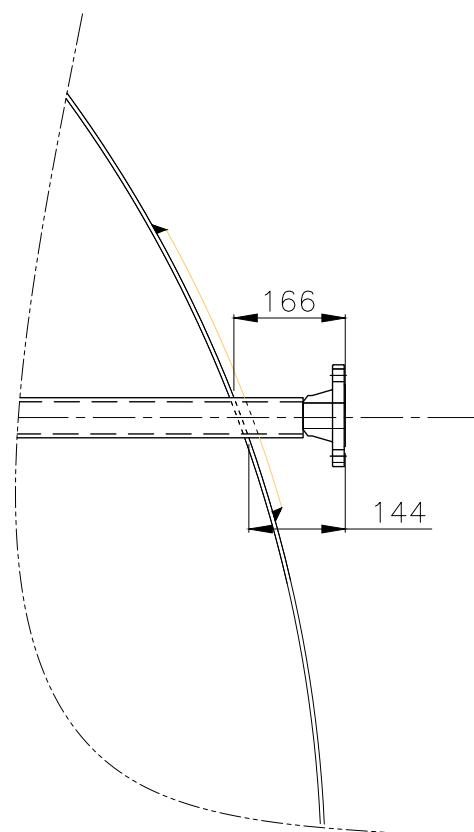


VIEW "J"
SCALE: 1:1

PART LIST							
ITEM	PART NAME	DIMENSION	MATERIAL	QTY.	WEIGHT (Kg)		REMARK
					UNIT	TOTAL	
1	FLANGE	2", 150#, WN, RF, SCH.80S	SA 105	1	2.6	2.6	
2	NOZZLE NECK	2", SCH.80, L=955	SA 106 B	1	7.2	7.2	
3	ELBOW	2", LR, 90°, SCH.80	A-234 WPB	1	0.65	0.65	
4	VERTICAL PIPE	2", SCH.80, L=750	SA 106 B	1	5.7	5.7	
5	SUMP TOP PLATE	t8 x Ø760 x Ø540	SA 283 C	1	13.8	13.8	
6	SUMP	t8 x 332 x 1891	SA 283 C	1	37.2	37.2	
7	SUMP BOTTOM PLATE	t8 x Ø650	SA 283 C	1	20.3	20.3	
8	FLAT BAR	F.B. 40x8x120	SA 283 C	2	0.3	0.6	
9	WEAR PLATE	t8 x Ø150	SA 283 C	1	1.1	1.1	
10	PAD PLATE	750x450x15	A-283 C	1	3.9	3.9	Common with Anchor Chain

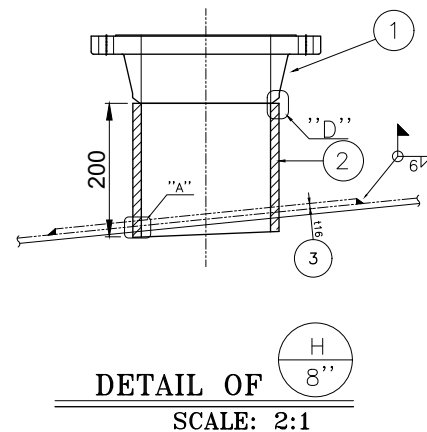
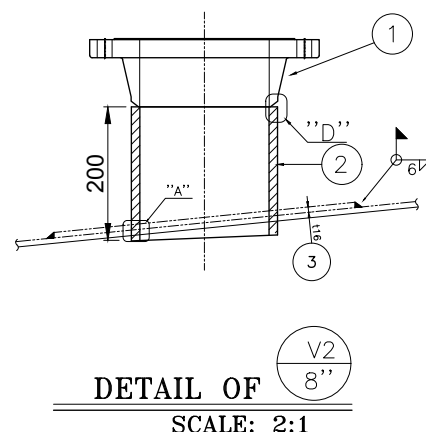
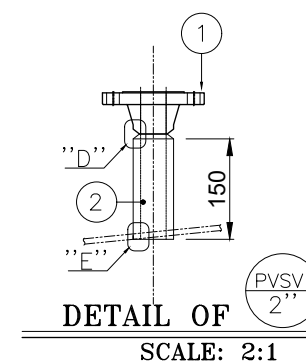
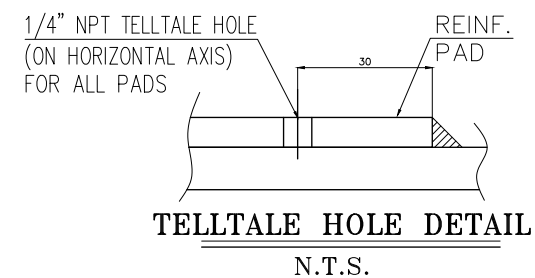
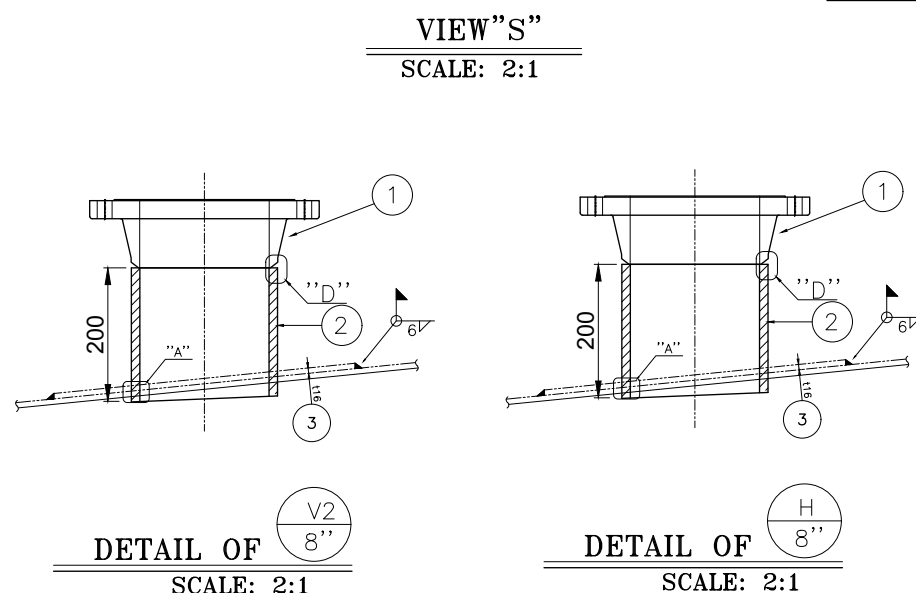
TOTAL WEIGHT= 93.05(KG)

- NOTES**
1. UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN MILLIMETERS.
 2. PROJECTION OF SHELL NOZZLE IS MEASURED FROM CENTER LINE OF TANK TO THE EXTREME FACE OF NOZZLE.
 3. ALL FLANGE BOLT HOLES TO STRADDLE MAIN CENTER LINES EXCEPT AS SHOWN OTHERWISE.
 4. THE REINFORCEMENTS SHALL BE TESTED IN ACCORDANCE WITH RELEVANT TESTING PROCEDURE. AFTER THE TEST, THE TEST HOLES SHALL BE FILLED BY HEAVY GREASE.
 5. WHERE RADIUS IS NOT DIMENSIONED $R = 5 \text{ mm}$.
 6. ALL TOLERANCES SHALL BE IN ACCORDANCE WITH API-650 AND PROJECT SPECIFICATION(S).
 7. FLANGES TO BE IN ACCORDANCE WITH ASME/ANSI B.16.5 FOR 24" OR LESS.
 8. ALL THREADS SHALL BE IN ACCORDANCE WITH ASME B1.1.
 9. ALL ELEVATION ARE CONSIDERED FROM UNDER BOTTOM OF ANNULAR PLATE.
 10. WELDING LOCATION:
FLANGE TO NECK WELDING AT SHOP
NECK WELDING AT SHOP
NOZZLE TO SHELL AT SITE
PAD TO SHELL AT SITE
NECK TO FITTING AT SITE
OTHER FILLET AT SITE UNLESS OTHERWISE SPECIFIED.
 11. NOZZLE NECK LENGTH SHALL BE ADJUSTED AT SITE.
 12. ORIENTATION OF SUMPS WILL BE SPECIFIED IN GENERAL ARRANGEMENT DRAWING NO.
 13. THERE IS A POSSIBILITY OF ENCOUNTERING ANCHOR CHAIR. THIS SIZE IS LIKELY TO INCREASE.

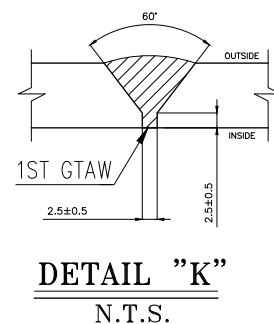
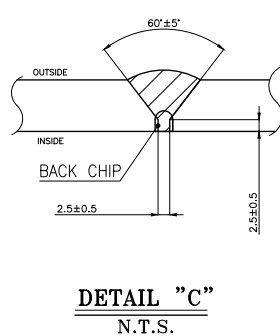
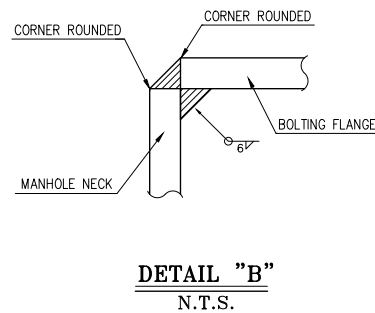
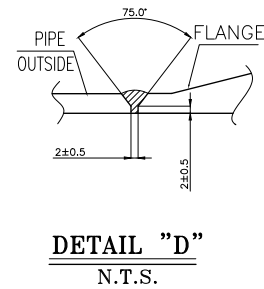


VIEW "K"
SCALE: 1:1

[illegible]



PART LIST							
NOZZLE NAME	ITEM	PART NAME	DIMENSION	MATERIAL	QTY.	WEIGHT (Kg) UNIT	REMARKS
M3	1	BOLTING FLANGE	0.D.660xL.D.512x16+2	A283 C	1	6.5 6.5	
	2	NOZZLE NECK	1590x210x16	A283 C	1	17 17	
	3	PAD PLATE	0.D.1050xL.D.524x16	A283 C	1	32 32	
	4	COVER PLATE	ø660x(16+2)	A283 C	1	17 17	
	5	BOLTS	M16 L=65	A193 B7	16	0.2 3.2	
	6	NUTS	M16	A194 2H	16	0.1 1.6	
	7	GASKET	0.D.660xL.D.500x1t.5	HOLD	1	- -	
V1	8	HANDLE	ø16 L=340	A36	2	0.6 1.2	
	1	FLANGE	6"/W.N./#150	A 105	1	10.6 10.6	
	2	NOZZLE NECK PIPE	6"/SCH80/Length=150	A 106 B	1	5.7 5.7	
N1	3	PAD PLATE	0.D.378xL.D.172x16	A283 C	1	4.8 4.8	
	1	FLANGE	2"/W.N./#150	A 105	1	2.6 2.6	
PVS1	2	NOZZLE NECK PIPE	2"/SCH80/Length=150	A 106 B	1	1.2 1.2	
	1	FLANGE	2"/W.N./#150	A 105	1	2.6 2.6	
PVS2	2	NOZZLE NECK PIPE	2"/SCH80/Length=150	A 106 B	1	1.2 1.2	
	1	FLANGE	2"/W.N./#150	A 105	1	2.6 2.6	
V2	2	NOZZLE NECK PIPE	2"/SCH80/Length=150	A 106 B	1	1.2 1.2	
	1	FLANGE	8"/W.N./#150	A 105	2	17.6 35.2	
H	2	NOZZLE NECK PIPE	8"/SCH80xL.D.224x16	A 106 B	1	13 13	
	3	PAD PLATE	0.D.452xL.D.224x16	A283 C	1	6.4 6.4	
H	1	FLANGE	8"/W.N./#150	A 105	1	17.6 17.6	
	2	NOZZLE NECK PIPE	8"/SCH80xL.D.224x16	A 106 B	1	13 13	
	3	PAD PLATE	0.D.452xL.D.224x16	A283 C	1	6.4 6.4	
TOTAL WEIGHT=						202.6 (KG)	

[illegible]