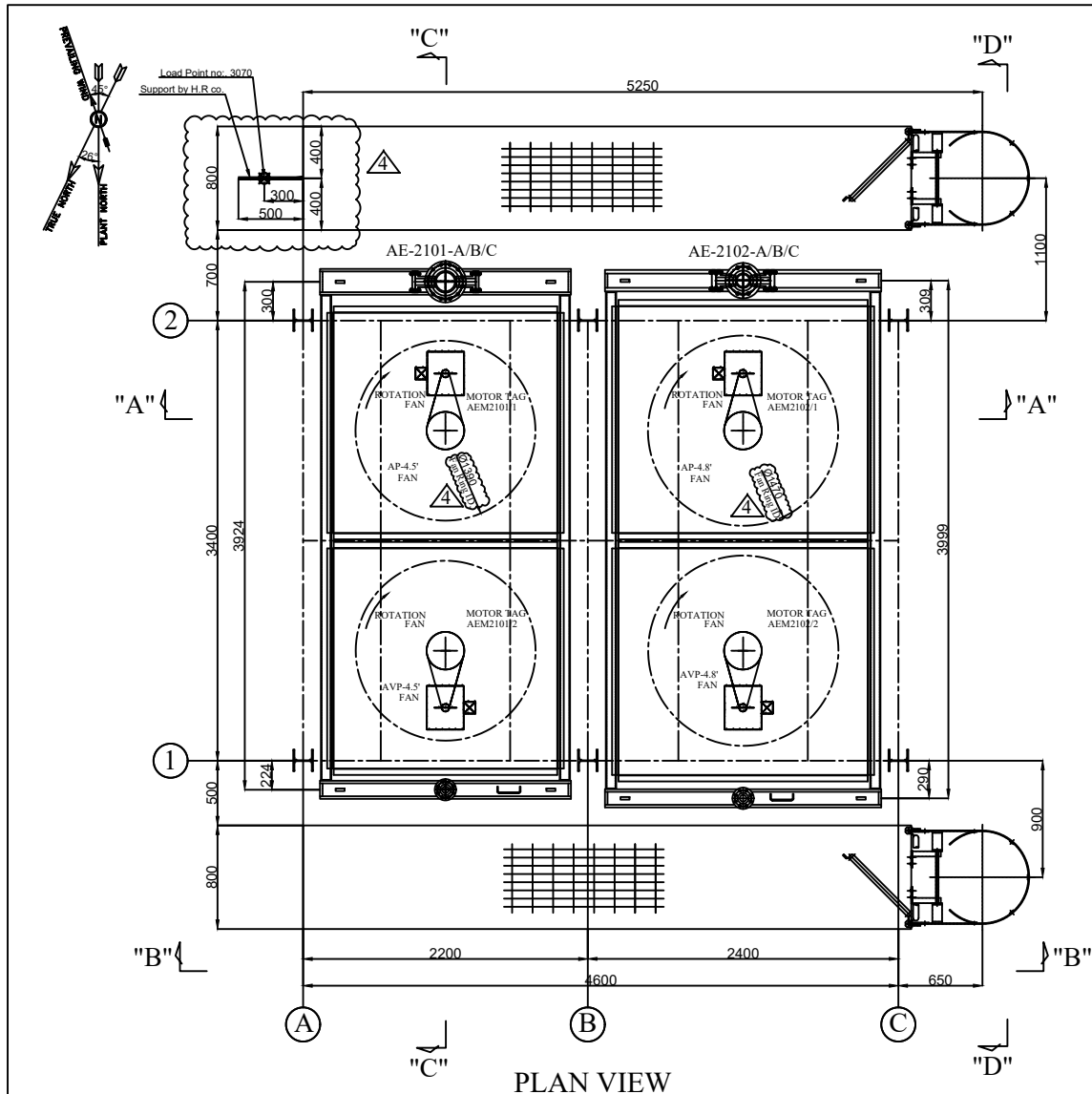
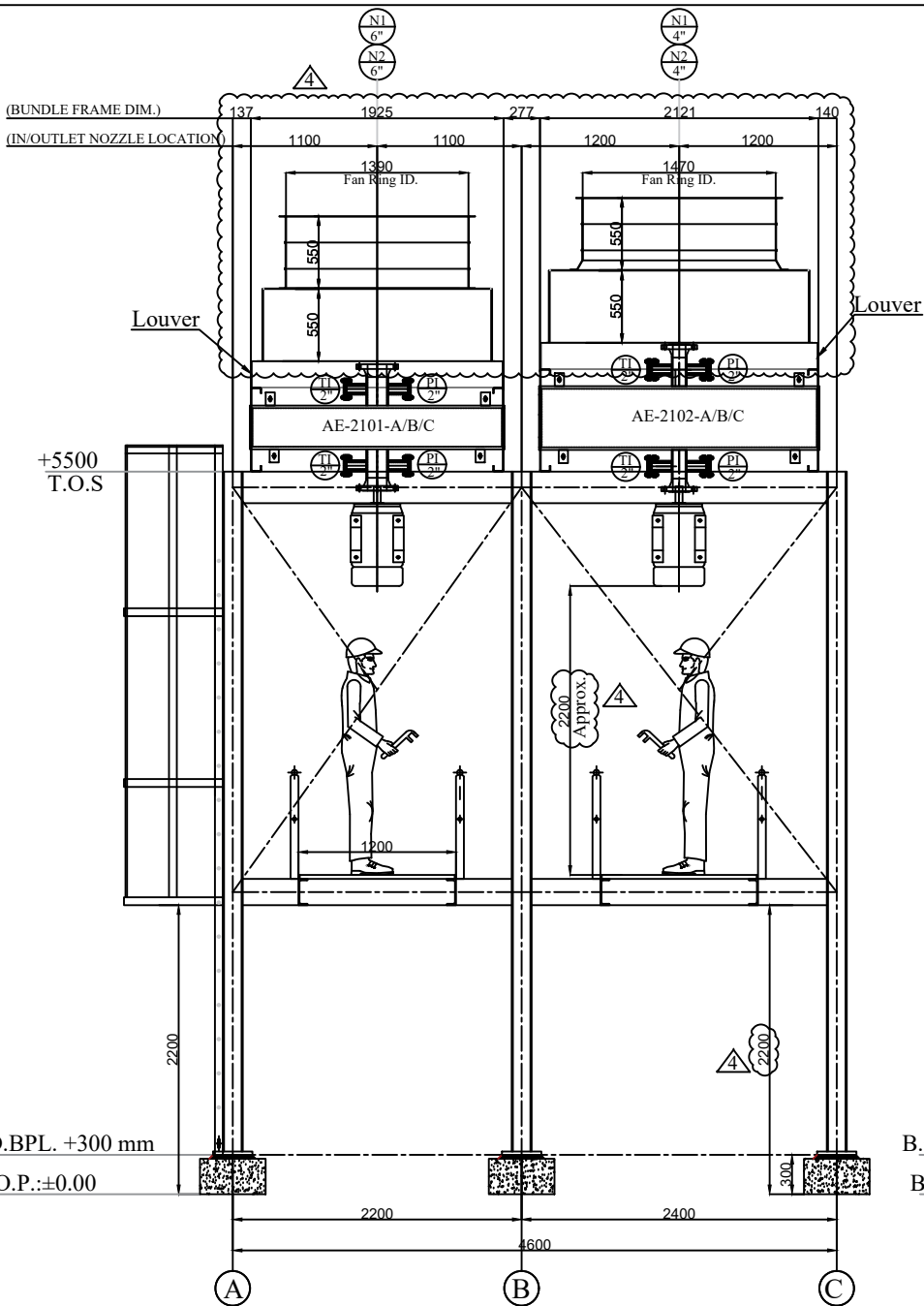
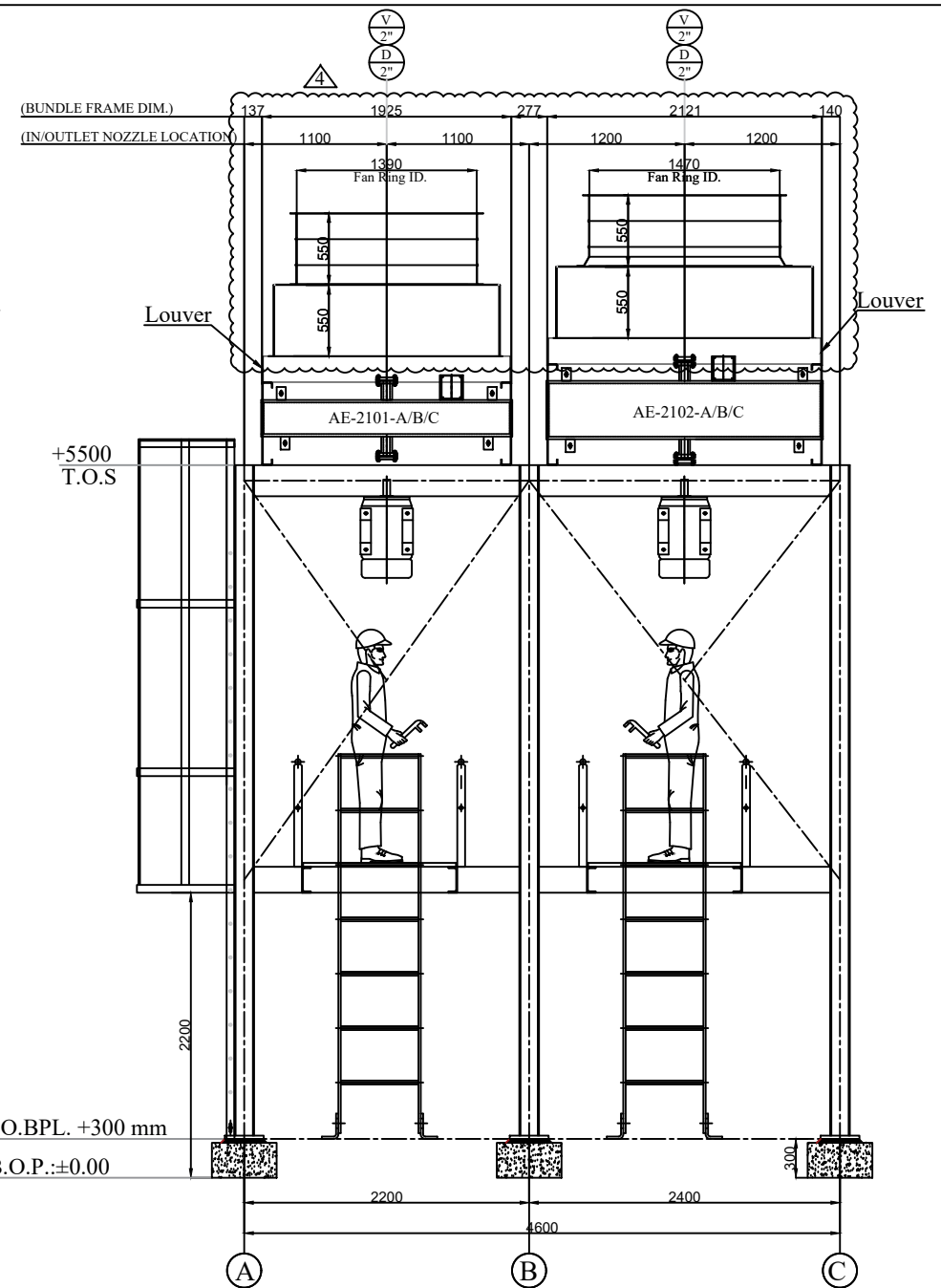




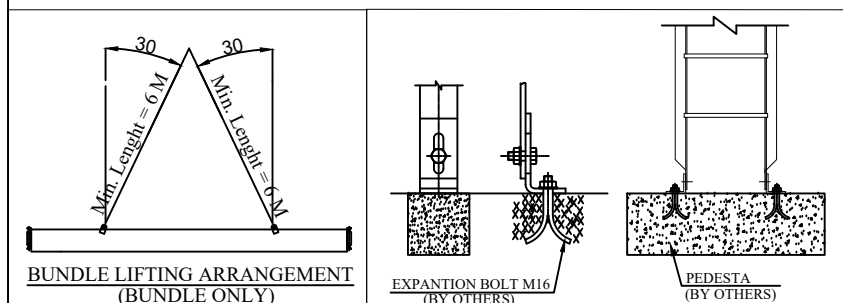
PLAN VIEW



VIEW "A- A"

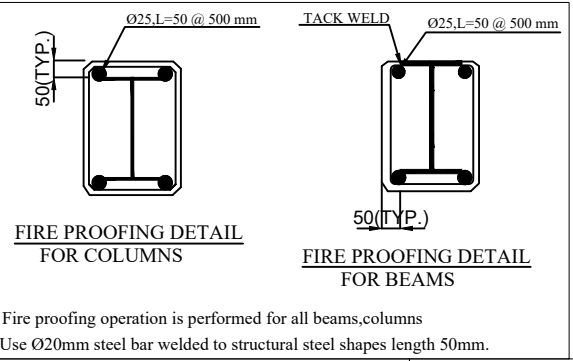


VIEW "B- B"



NOZZLE DATA (AE-2102)						
MARK	QTY.	SIZE	RATING	FLANGE FACE	TYPE	SCH/THK SERVICE
N1	1	4"	600#	RF/SMOOTH	ANSI B16.5 W.N.	80S INLET
N2	1	4"	600#	RF/SMOOTH	ANSI B16.5 W.N.	80S OUTLET
TI	2	2"	600#	RF/SMOOTH	ANSI B16.5 L.W.N.	TI (WITH BLIND)
PI	2	2"	600#	RF/SMOOTH	ANSI B16.5 L.W.N.	PI (WITH BLIND)
V	1	2"	600#	RF/SMOOTH	ANSI B16.5 L.W.N.	VENT (WITH BLIND)
D	1	2"	600#	RF/SMOOTH	ANSI B16.5 L.W.N.	DRAIN (WITH BLIND)

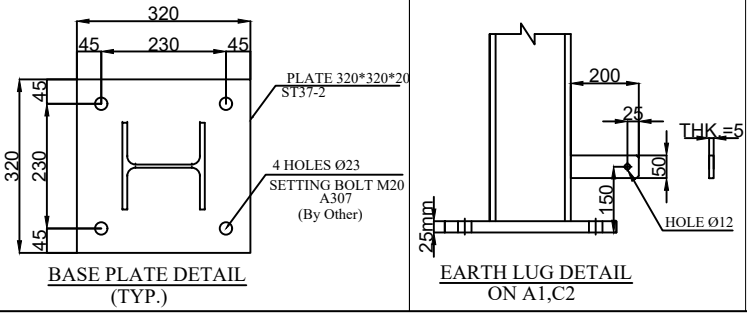
Max. Allowable Nozzle Loads (3xapi 661)						
NOZZLE	FORCES (N)			Moments (N.M)		
	Fx	Fy	Fz	Mx	My	Mz
N1	10020	8010	10020	2430	3660	2430
N2	10020	8010	10020	2430	3660	2430



Fire proofing operation is performed for all beams,columns
Use Ø20mm steel bar welded to structural steel shapes length 50mm.

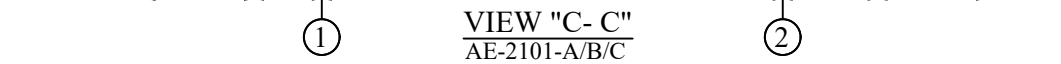
NOZZLE DATA (AE-2101)						
MARK	QTY.	SIZE	RATING	FLANGE FACE	TYPE	SCH/THK SERVICE
N1	1	6"	300#	RF/SMOOTH	ANSI B16.5 W.N.	80S INLET
N2	1	6"	300#	RF/SMOOTH	ANSI B16.5 W.N.	80S OUTLET
TI	2	2"	300#	RF/SMOOTH	ANSI B16.5 L.W.N.	TI (WITH BLIND)
PI	2	2"	300#	RF/SMOOTH	ANSI B16.5 L.W.N.	PI (WITH BLIND)
V	1	2"	300#	RF/SMOOTH	ANSI B16.5 L.W.N.	VENT (WITH BLIND)
D	1	2"	300#	RF/SMOOTH	ANSI B16.5 L.W.N.	DRAIN (WITH BLIND)

Max. Allowable Nozzle Loads (3xapi 661)						
NOZZLE	FORCES (N)			Moments (N.M)		
	Fx	Fy	Fz	Mx	My	Mz
N1	12000	15090	15090	6420	9150	4890
N2	12000	15090	15090	6420	9150	4890



VENDOR LOGO:
AAC
Project No: 17208

VO4	Feb.25	APC	AAC	M.PAKHARIAN	M.SADOSHIAN	00.00													
VO3	Nov.24	APC	AAC	M.PAKHARIAN	M.SADOSHIAN	00.00													
VO2	AUG.24	IFA	AAC	M.PAKHARIAN	M.SADOSHIAN	00.00													
VO1	APR.24	IFA	AAC	M.PAKHARIAN	M.PAKHARIAN	00.00													
VO0	FEB.24	IFA	AAC	M.PAKHARIAN	M.PAKHARIAN	00.00													
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	DESCRIPTION	CHECKED	REV. APPR.										
PROJECT NAME:							BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS & GAS-CONDENSATE PIPELINES												
PROJECT NO.:							971020												
EPC CONTRACTOR:							EPD/EPC CONTRACTOR (GC):							BINAK OILFIELD DEVELOPMENT SURFACE FACILITIES GAS COMPRESSOR STATION					
HURGAN ENERGY							PETROIRAN DEVELOPMENT COMPANY							DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.	
HURGAN ENERGY - DESIGN & INSPECTION COMPANIES							PEDCO							NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED					
DRAWING TITLE:							General Arrangement Drawing AE-2101-A/B/C , AE-2102-A/B/C							APPROVED FOR CONSTRUCTION BY: DATE:					
SCALE							SIZE							BUDGET REF.	LOCATION	SIZE CLASS	SERIAL NO.	SHEET	REVISION
AS							BK-GCS-AA-120-ME-DW-0001							1 OF 2	VO4				



DESIGN DATA TABLE			
WIND DATA		SEISMIC DATA	
CODE	ASCE7-10	CODE	ACSE7-10
WIND SPEED	34 m/s	ZONE/SOIL TYPE	D
EXPOSURE	C	SDs/SD1/R/Ss/S	0.83/0.58/3.25/1.25/0.58
IMPORTANCE FACTOR	1	IMPORTANCE FACTOR	1.25
WEIGHT(KG)			
		AE-2101	AE-2102
SIDE FRAME+BUNDLE(DRY) /BAY		1844	2662
SIDE FRAME+BUNDLE(OPERATION) /BAY		1849	3099
SIDE FRAME+BUNDLE(HYDRO TEST) /BAY		2124	3107
PLENUM+FAN RING /BAY		900	900
FAN+FAN GUARD /BAY		400	400
		300	300
MOTOR+MOTOR SUPPORT /BAY		1000	1000
SHAFT HOUSING		300	300
TOTAL EQUIPMENT WEIGHT PER BAY(KG)			
	AE-2101	AE-2102	
WEIGHT(FABRICATED)	4,744	5562	
WEIGHT(OPERATING)	4,749	5,999	
WEIGHT(HYDROTEST)	5,024	6,007	
STEEL STRUCTURE WEIGHT (KG)			
MAIN STRUCTURE	7,000		
LADDER & PLATFORM	3,000		
GRATING	300		
WEIGHT SUMMARY (KG)			
TOTAL WEIGHT(FABRICATED)		20,606	
TOTAL WEIGHT(OPERATING)		21,048	
TOTAL WEIGHT(HYDROTEST)		21,331	

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