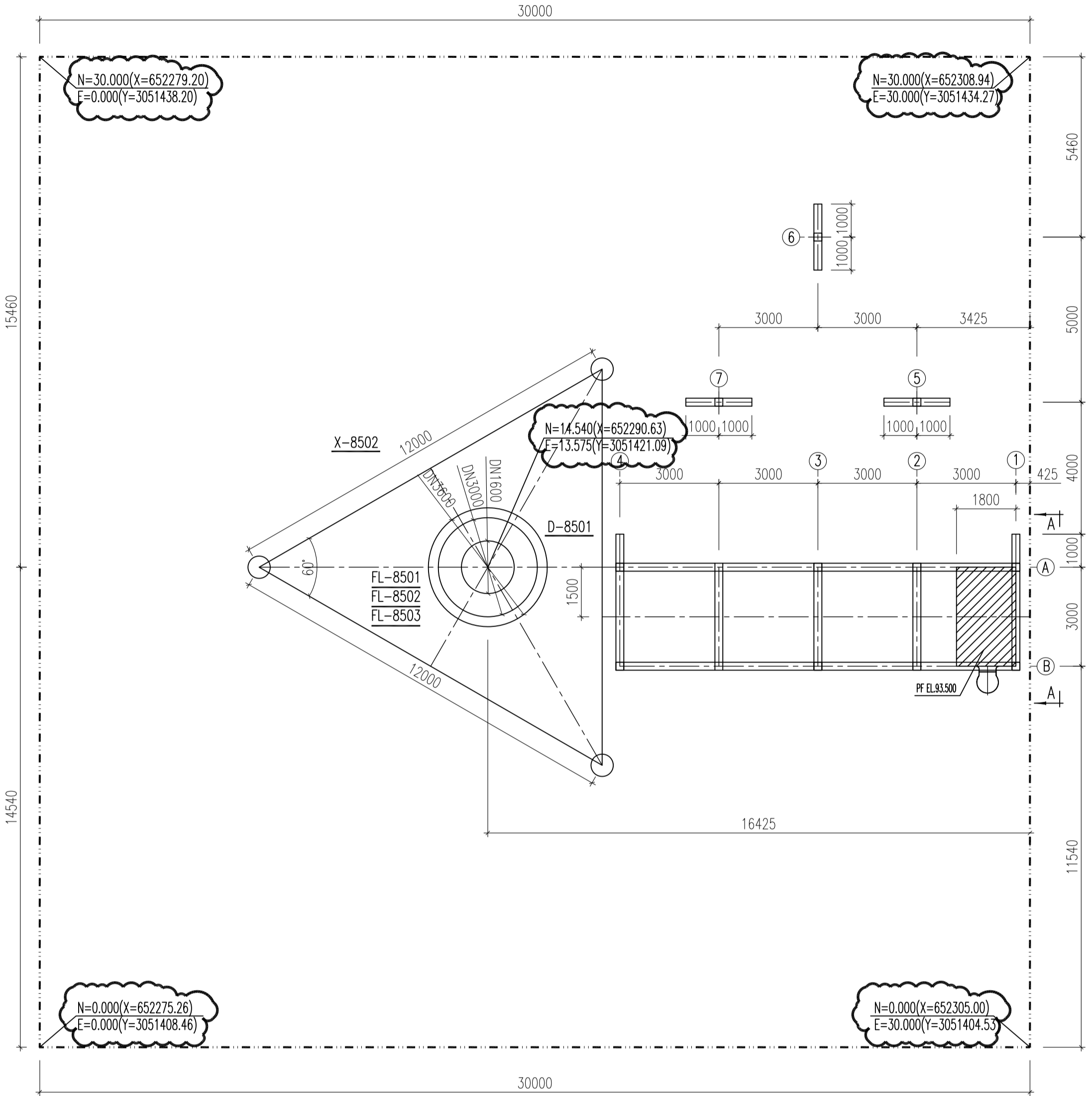


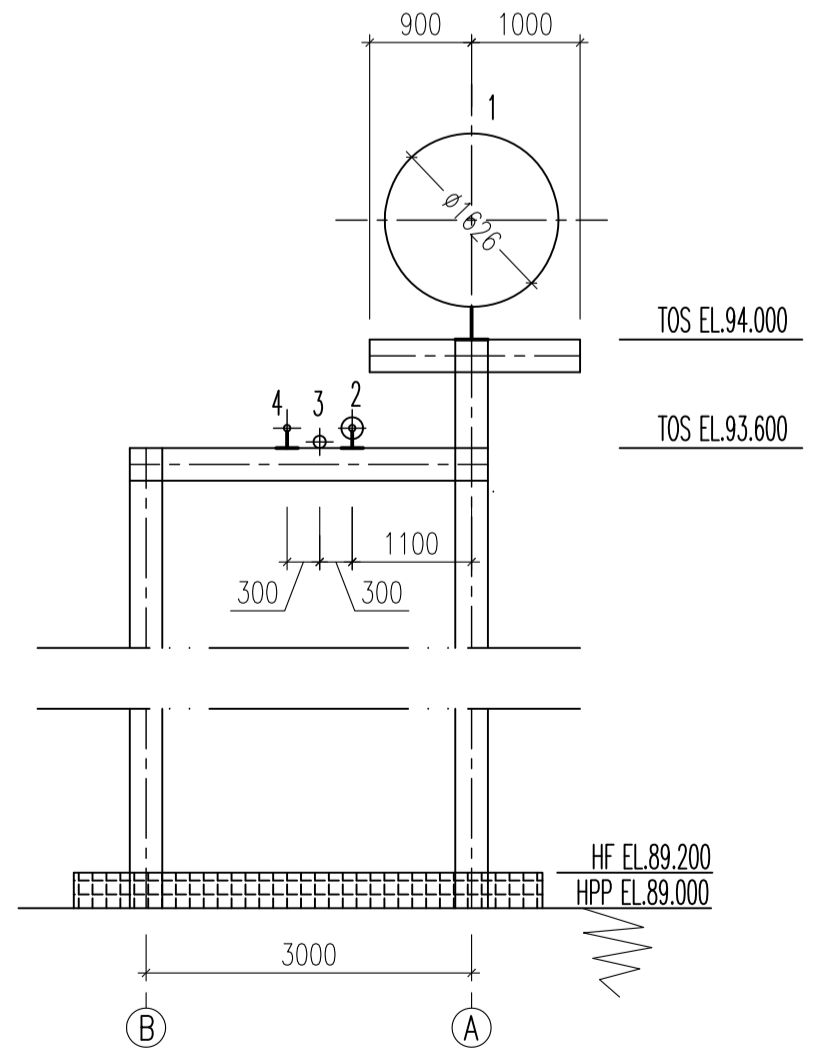
PLAN EL.89.000



PLAN EL.93.600

Main Part List

NO.	NAME	SPEC.	MAT.	QTY.	REMARK
FL-8503	Molecular Seal	DN3000xH5000mm	304L	1	
D-8501	Knock-out Drum	DN3600xH10000mm(Tangent Length)	SA 516 Gr.70	1	
D-8502	Fuel Gas Buffer Drum	DN600xH1500mm(Tangent Length)	SA 516 Gr.70	1	
FL-8501	Flare Stack	DN1600xH47500mm	SA 516 Gr.70	1	
FL-8502	Flare Tip	DN1600xH5000mm	310S	1	
X-8501	Flame Front Generator	L3000XB800XH2000mm	SA-36(GALV)/304L	1	
PL-8501A/B/C/D	Pilot (with FFG & HEI)	L=4300mm	310S	4	
X-8502	Derrick	H=64m; Root Length:12m	A572 Gr.50/A36	1	Hot Dip Galvanized



View A-A  
Elevation of Pipe Rack

- Flare Gas 64"-FLG-85-147-B24-P8 BOP EL+94.310
- HP Steam 2"-HPS-85-101-F24-H6 BOP EL+93.700
- Natural Gas 4"-NG-85-101-B24-N BOP EL+93.600
- Instrument Air 2"-IA-85-101-B50-N BOP EL+93.700

LIST OF INSTALLATION ELEVATION FOR EQUIPMENT

ITEM NO.	EQUIPMENT NAME	INSTALLATION ELEVATION	ITEM NO.	EQUIPMENT NAME	INSTALLATION ELEVATION
D-8501	Knock-out Drum	+89.300	D-8502	Fuel Gas Buffer Drum	+89.400
FL-8501	Flare Stack	+104.550	FL-8502	Flare Tip	+154.000
FL-8503	Molecular Seal	+149.000	PL-8501A/B/C/D	Pilot (with FFG & HEI)	+154.650
X-8501	Flame Front Generator	+89.400	X-8502	Derrick	+89.500

GENERAL NOTES

- ALL DIMENSIONS ARE IN mm. ALL ELEVATIONS AND COORDINATES ARE IN m.
- DELETE.
- SCHEME OF FLARE B.L. IS NOT IN SUNPOWER'S SCOPE.
- THE COORDINATE SYSTEM IS TRANSLATION FORMULA AS FOLLOWS:  
 $Y = N \sin \alpha + E \cos \alpha + 3051408.46$   
 $X = N \cos \alpha + E \sin \alpha + 652275.26$   
 $\alpha = 7.52775036^\circ$   
 N.E IS ARCHITECTURE COORDINATE SYSTEM.  
 X.Y IS SURVEYING COORDINATE SYSTEM.

REFERENCE DRAWINGS

SYMBOLS AND LEGENDS

- BATTERY LIMITED LINE
- ▨ PLATFORM
- HPP = HIGH POINT PAWING
- HF = HARDENED FLOOR
- PF = PLATFORM
- TOS = TOP OF STEEL STRUCTURE
- BOS = BOTTOM OF STEEL STRUCTURE
- BOP = BOTTOM OF PIPE
- TOP = TOP OF PLATFORM
- PR = PIPERACK

KEY PLAN

REV.	DESCRIPTION	DATE	DESIGN	DRAW	CHECK	REVIEW	APPROVE
△	Final Issue	29.11.2018	Geng Yunfei		Bai Yang	Ji Ningbo	
△	Final Issue	31.10.2018	Geng Yunfei		Bai Yang	Ji Ningbo	
△	Final Issue	29.10.2018	Geng Yunfei		Bai Yang	Ji Ningbo	
△	Final Issue	22.11.2017	Geng Yunfei		Bai Yang	Ji Ningbo	
△	Issued For Review	22.09.2017	Geng Yunfei		Bai Yang	Ji Ningbo	
△	Issued For Review	02.06.2017	Geng Yunfei		Bai Yang	Ji Ningbo	

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OWNER: Middle East Kimiaye Pars Company

CONTRACTOR: TCC 中国天辰工程有限公司 CHINA TIANCHEN ENGINEERING CORPORATION

VENDOR: 江苏中圣高科技产业有限公司 JIANGSU SUNPOWER TECHNOLOGY CO., LTD

CONTRACTOR DRAWING NO. MKP-11-DE-9000-FE-REQ-237 SHEET 01 TOTAL 01

VENDOR DRAWING NO. 17013D8500PE00-06 SHEET 01 TOTAL 01

General Arrangement	PROJECT	MKP Methanol Project			
	UNIT	Flare			
	PHASE	Detail Engineering			
SCALE 1:80	SHEET 1	TOT. 1	SIZE A1	OWNER DWG NO.	MKP-VD-8500-237-302-A1

Counter	Sign	Date