

GENERAL NOTES

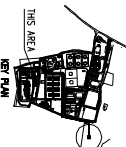
1. ALL DIMENSIONS ARE IN MILLIMETERS AND ALL COORDINATES ARE IN METERS.  
2. THE DESIGN ELEVATION  $\pm 0.000m$  CORRESPOND LEVELS TAKEN WRT BS-01 572.2m.

HOLD

1. THE DIMENSIONS FOR SWITCHGEAR, DISTRIBUTION PANEL, CONTROL PANEL, RELAY CABINET, BUS DUCT LAYOUT, UPS, BATTERY AND ETC. ARE FOR REFERENCE ONLY NOW, WHICH WILL BE UPDATED ACCORDING TO VENDOR DOCUMENT LATER.  
2. ON NO. OF NEW SWITCHGEAR/MCC PANELS SHALL BE ADDED AND COPIED WITH EXISTING MAIN DISTRIBUTION BOARD.  
3. MCC PANEL DIMENSIONS ARE INDICATIVE ONLY. EPCC CONTRACTORS SHALL UPDATE THIS LAYOUT AS PER VENDOR PROVIDED DIMENSIONS.  
4. PROPOSED LOCATION OF NEW MCC PANELS MAY SLIGHTLY VARY AFTER DISCUSSION/APPROVAL WITH OGDCL/CONSULTANT.  
5. SUPPLY AND INSTALLATION OF CABLE GLAND BOX WHICH INCLUDES MS-BASE PLATES, MS-CHANNELS, SUPPORTS, NUTS, BOLTS, WASHERS, CLAMPS ETC. REQUIRED FOR COMPLETE INSTALLATION OF SWITCHGEAR/MCC PANELS IS EPCC CONTRACTOR'S SCOPE.  
6. FLOOR OPENING/CORE CUTTING FOR EXTENSION OF THE NEW SWITCHGEAR & MCC PANELS INCLUDING INSTALLATION MATERIAL FOR CONSTRUCTION RELATED CIVIL WORKS IS INCLUDED IN EPCC CONTRACTOR'S SCOPE. COMPLETE IN ALL RESPECTS.  
7. SUPPLY & INSTALLATION OF CABLE TRAY IN GROUND FLOOR OF EXISTING ELECTRICAL BUILDING FOR ADDITIONAL CABLES IS EPCC CONTRACTOR'S SCOPE.  
8. FOLLOWING LAYOUTS/DETAILS SHALL BE UPDATED BY EPCC CONTRACTORS AS PER VENDOR DATA: -  
- LAYOUT FOR ELECTRICAL BUILDING GROUND FLOOR (SHEET 1 OF THIS DRAWING)  
- CABLE TRAY LAYOUT PLAN AT DIFFERENT DESIGN ELEVATIONS (SHEET 2 & 3 OF THIS DRAWING).

EQUIPMENT LIST

EQP. NO.	EQPT. DESCRIPTION AND CAPACITY	UNIT QTY.	REMARK
①	0.4KV SWITCHGEAR FOR MAIN DISTRIBUTION BOARD	SET 20	
②	AC UPS	SET 1	
③	0.4KV SWITCHGEAR FOR MCC 1#& DISTRIBUTION BOARD	SET 12	
④	0.4KV SWITCHGEAR FOR MCC 1#& DISTRIBUTION BOARD	SET 12	
⑤	0.4KV SWITCHGEAR FOR MCC 2# DISTRIBUTION BOARD	SET 9	
⑥	0.4KV SWITCHGEAR FOR MCC 3# DISTRIBUTION BOARD	SET 4	
⑦	AC UPS BATTERY BANK		
⑧-1	CONTROL CABINET FOR PROCESS EQUIPMENTS	SET 6	
8-2	RIGEN GAS COMPRESSOR CONTROL CABINET A		
8-3	RIGEN GAS COMPRESSOR CONTROL CABINET B		
8-4	CONDENSATE SHUTTER OVERHEAD COMPRESSOR CONTROL CABINET		
8-5	SUE GAS COMPRESSOR CONTROL CABINET A		
8-6	SUE GAS COMPRESSOR CONTROL CABINET B		
8-7	SUE GAS COMPRESSOR CONTROL CABINET C		
8-7	FRONT END GAS COMPRESSOR MCC/CONTROL PANEL A		
8-8	FRONT END GAS COMPRESSOR MCC/CONTROL PANEL B		
8-9	FRONT END GAS COMPRESSOR MCC/CONTROL PANEL C		
8-10	FRONT END GAS COMPRESSOR MCC/CONTROL PANEL D		



LEGEND

▲ - FRONT SIDE OF THE PANEL

REFERENCE DOCUMENTS

TITLE	DOC No.
ELECTRICAL DESIGN BASIS	NCP-000-ELE-15.03-0001-00
SPECIFICATION FOR LV SWITCHGEAR / MCC	NCP-000-ELE-15.03-0005-13
SPECIFICATION FOR IN-INTERTRIEBE POWER SUPPLY SYSTEM (AC-UPS)	NCP-000-ELE-15.03-0004
ARCHITECTURAL DRAWING FOR ELECTRICAL BUILDING	NCP-010-ARC-15.01-0002-13

ISSUED FOR TENDER	UAA	ZHW	AB	MAS	12/JULY/18
01 Approved for Construction	Wang Haitao	Zhong Xinyi	Bai Haijun	Cheng Xin	10/12/2016
00 Approved for Construction	Wang Haitao	Zhong Xinyi	Bai Haijun	Cheng Xin	11/11/2016
C Issued for Approval	Wang Haitao	Zhong Xinyi	Bai Haijun	Cheng Xin	28/09/2016
B Issued for Review	Wang Haitao	Zhong Xinyi	Bai Haijun	Cheng Xin	18/05/2016
A Internal Discipline Check	Wang Haitao	Zhong Xinyi	Bai Haijun	Cheng Xin	12/04/2016

CUSTOMER  
**OIL & GAS DEVELOPMENT COMPANY LTD.**  
OGDCL HOUSE TOWER-A, FIRST FLOOR, RIGGS, BLUE AREA, JINNAH AVENUE, ISLAMABAD, PAKISTAN  
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ENAR | ENAR PETROTECH SERVICES (PVT) LTD.  
Enar No. 7-A, Sector-7A, Keenlake Industrial Area  
Enar: 03469697209, Website: enar.pk

CONSULTANT  
**Zishan Engineers (Pvt.) Ltd.**  
An ISO 9001:2008 certified company

7/F, Block 6, PECHS, Keenlake Industrial Area  
Tale: (02-21) 345804-48, 34510151-54, Fax: (02-21) 345804-3, 34510155-58  
E-MAIL: CONTACT@ZISHANENGINEERS.COM, ZISHAN@ZISHANENGINEERS.COM

CONTRACTOR  
**HONG KONG HUIHUA GLOBAL TECHNOLOGY LIMITED**

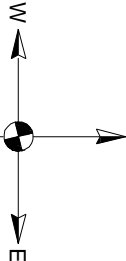
PROJECT TITLE  
**NASHPA GAS PROCESSING AND LPG RECOVERY**

PROJECT  
**PLANT PRO-C-C-BNASHPAPRO-C-124/12015**

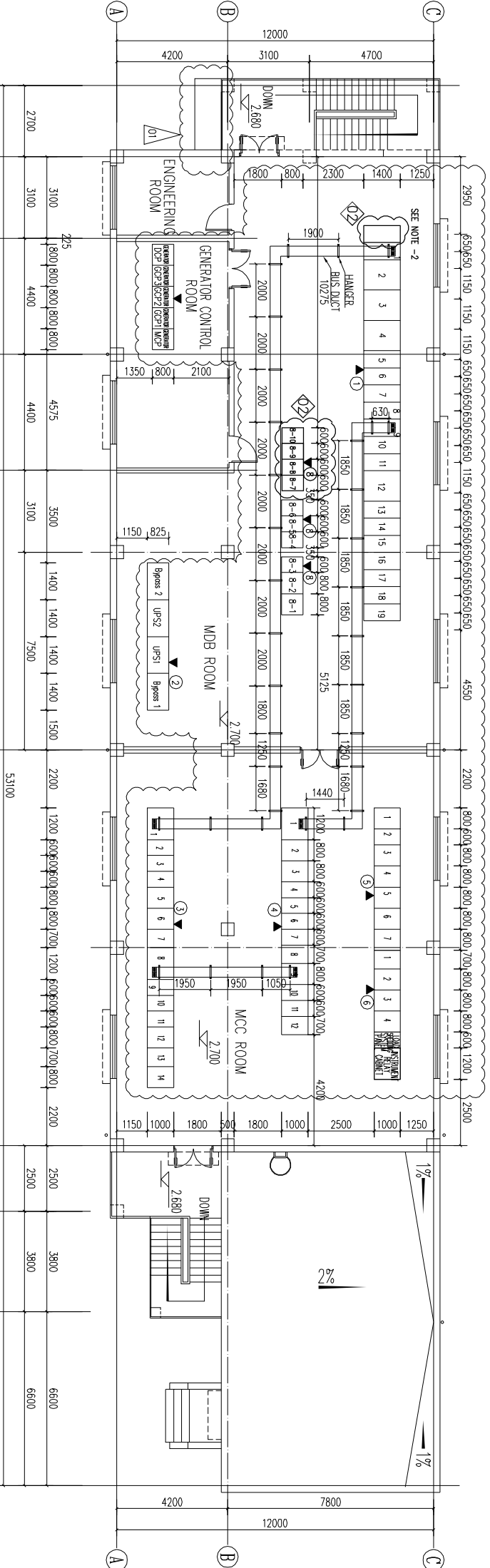
DRAWING NO.  
**NASHPA 1247**

REV. SCALE SHEET  
**1:100 1 OF 3**

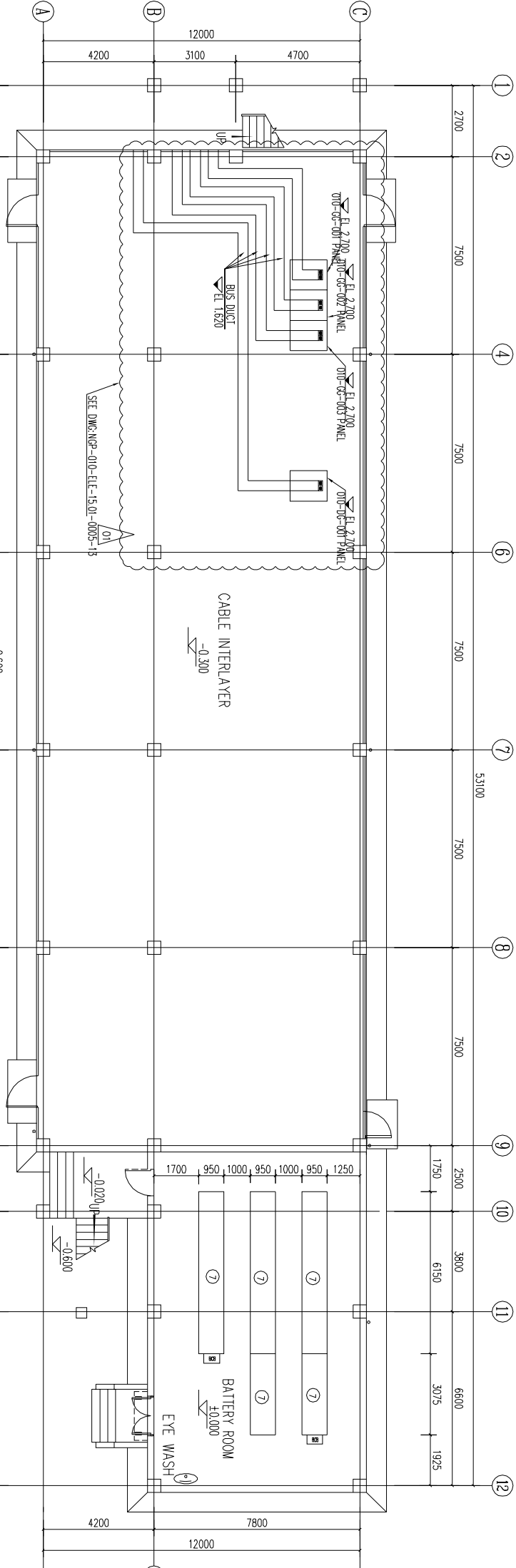
PLANT NORTH  
TRUE NORTH



SOUTH



LAYOUT FOR ELECTRICAL BUILDING FIRST FLOOR



LAYOUT FOR ELECTRICAL BUILDING GROUND FLOOR

LAYOUT FOR ELECTRICAL BUILDING GROUND FLOOR

MODIFIED UNDER NASHPA COMPRESSION  
PROJECT (PHASE-II) # 14-0193

ISSUED FOR TENDER