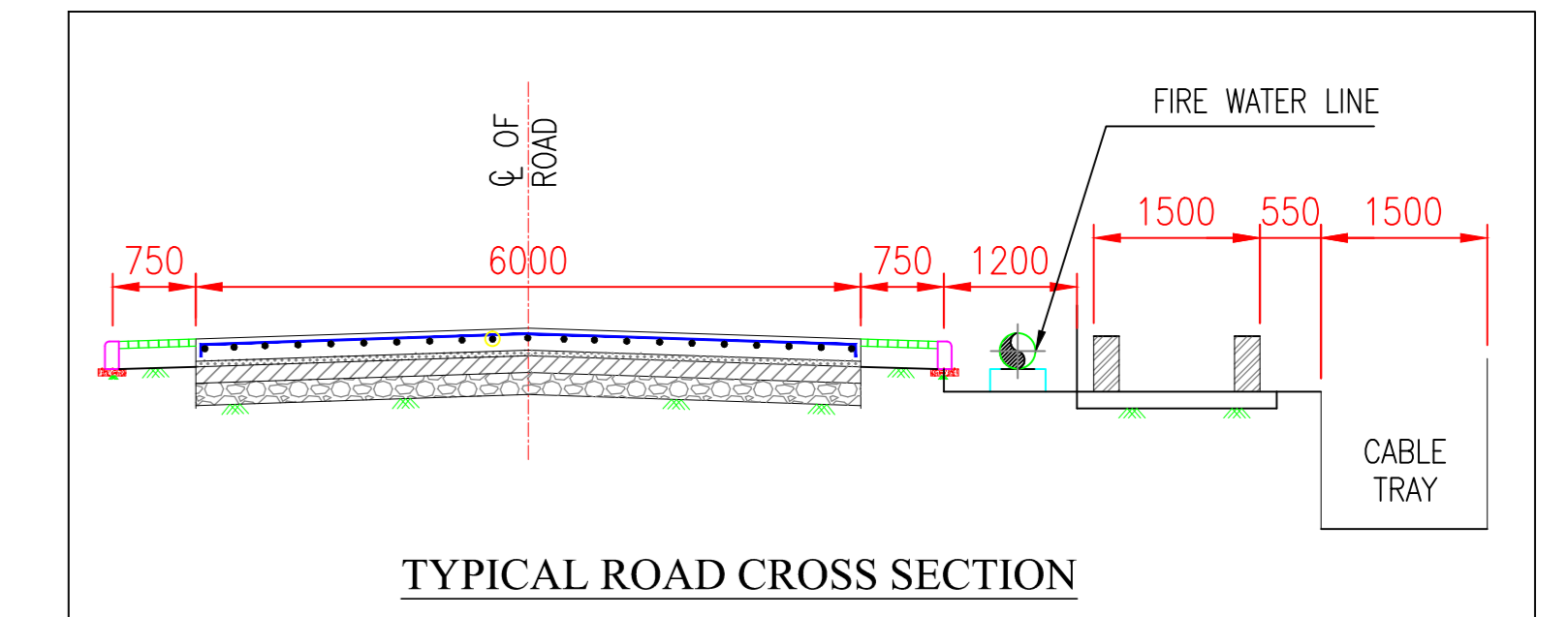


PLOT DETAIL :-
 VILLAGE : BAR PALAHA
 THANA : BAR BANGSHAR
 DISTRICT : KAMRUP
 STATE : ASSAM
 AREA : 123595 SQM.

ITEM	DESCRIPTION	SIZE (M)	AREA(SQM)	REMARKS
01	MAIN & EXIT GATE/WICKET GATE	7.5/1.2 M	-	
02	ADMIN BUILDING	38.0x42.0	1596	
03	CONTROL ROOM BUILDING	80.0x70.5		
04	COMPRESSOR HOUSE	100.0x50.0	5000	
05	AFTER COOLER	89.0x13.5	1201.5	
06	SECURITY GUARD CABIN	4.0x3.5	14	
07	METERING SKID AREA	18x12	216	
08	SWITCH YARD/METERING YARD			
09	NITROGEN GENERATING UNIT + COMPRESSED INST. AIR	20.0x20.0	400	
10	WORKERS' REST ROOM	25.0x25.0	625	
11	FIRE WATER PUMP HOUSE	36.0x12.0	432	
12	FIRE WATER TANK (2 NOS.)	24m Øx10.0	-	
13	FIRE TENDER HOUSE	18.0x16.0	288	
14	PARKING SHED	(35.0x4.5) x (20.0x4.5)	425.5	
15	STORE	30.0x20.0	600	
16	MECH. WORK SHOP	40.0x25.0	1000	
17	TRANSFORMER (2 NOS.)			
18	SWITCH YARD	37.0x30.0	1110	
19	DC SHED	16.5x12.0	198	
20	BIOMETRIC ROOM	19.0x11.0	209	
21	DIESEL DAY TANK	21x11.0	231	
22	CANTEEN	20.0x19.0	380	
23	LUBE OIL STORAGE SHED	20.0x20.0	400	
24	EMERGENCY ASSEMBLY POINT	25.0x25.0	620	
25	HIGH MAST	5 NOS.		
26	WATCH TOWER	6 NOS.		
27	BOREWELL & STORAGE TANKS	25.0x10.0	250	



FOR TENDER PURPOSE ONLY

INDRADHANUSH GAS GRID LTD.

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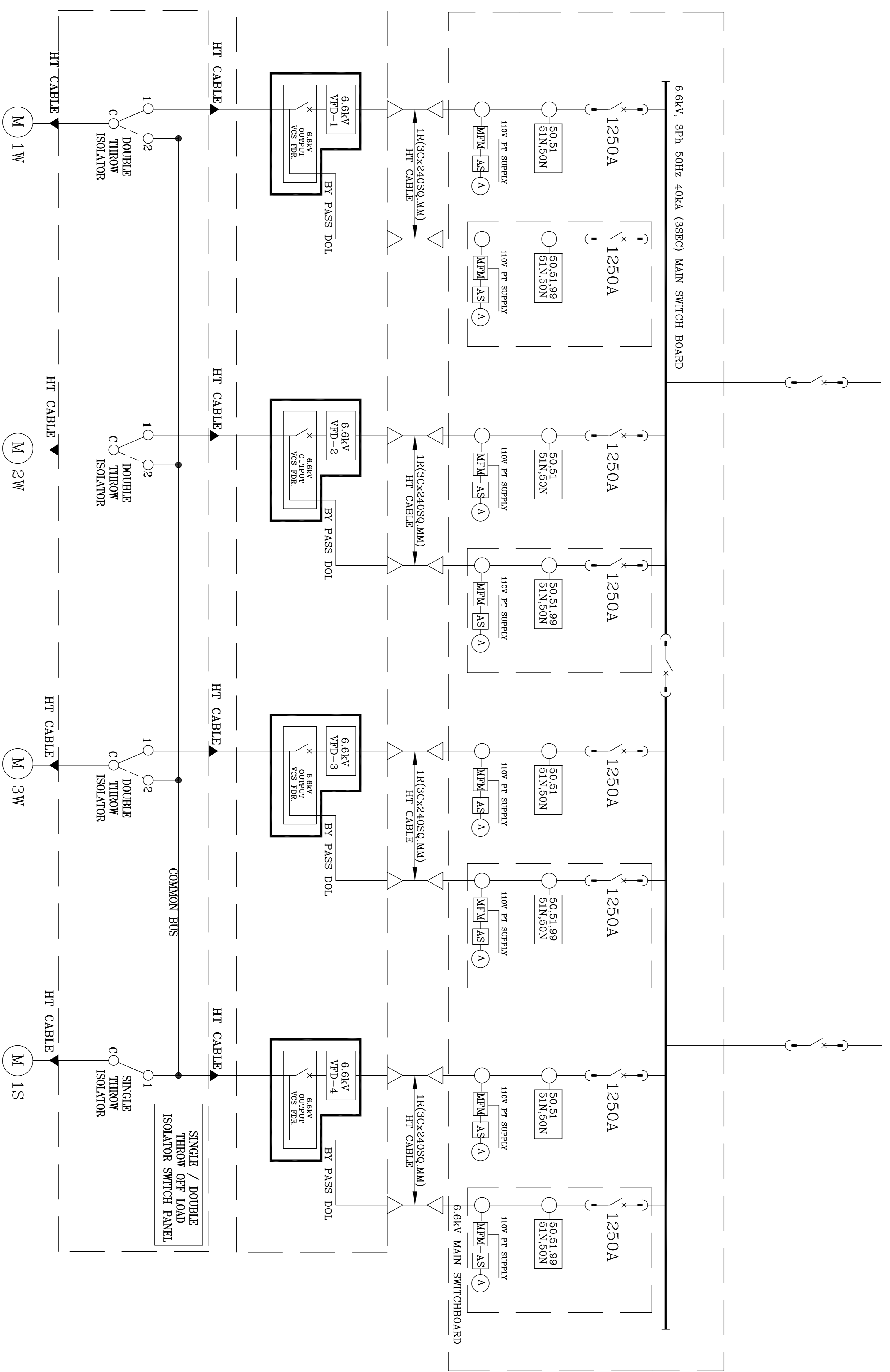
MECON LIMITED

REV	DATE	DESCRIPTION	BY	VERIFIED

NOTES:
 1. ALL COORDINATES ARE IN MTR. LEVELS ARE IN MTR. & DIMENSIONS ARE IN MTR.
 2. THE LAYOUT OF THE PLANT MAY NEED TO BE PLANNED IN MULTI TERRACING WHERE DIFFERENT AREAS MAY HAVE VARYING FGL, BASED ON THE SURVEY DRAWING OF THE PLOT.
 3. THE PLANNING & DESIGN OF DRAINS IN THE PLOT SHALL BE DONE TAKING INTO CONSIDERATION THE DRAIN ACROSS THE BOUNDARY WALL (BOUNDARY WALL DRAIN BY OTHERS).
 4. UNIT DIMENSION AND LOCATIONS ARE TENTATIVE. DETAIL INDIVIDUAL DRAWINGS TO BE PREPARED AND FURNISHED BY CONTRACTOR DURING DETAILED ENGINEERING.
 5. THE LAYOUT SHALL BE DESIGNED BY CONTRACTOR KEEPING IN VIEW OF RAIN WATER HARVESTING.

REV. NO.	DATE	DESCRIPTION	BY	VERIFIED

SECTION	OIL & GAS	NORTH - EAST GAS GRID PIPELINE PROJECT
LOCATION	DELHI	
DESIGNED	C. SHEKHAR	GENERAL LAYOUT FOR COMPRESSOR STATION AT GUWAHATI
DRAWN	SUNIL	
CHECKED AND VERIFIED	S.Y. WAHID	SCALE : N.T.S
SIG	(Dr. R.K.DUTTA)	DRG. NO. MEC/05/28/23UU/NGCS/TD/032
APPROVED	DATE 19.01.2022	REV 0



- ADVANTAGE**
1. MOTOR SHALL BE SUITABLE FOR VFD & DOL OPERATION BOTH
 2. EACH COMPRESSOR MOTOR SHALL HAVE VFD & DOL STARTING AND RUNNING OPTION
 3. ANY MOTOR CAN CONNECT WITH STANDBY VFD BECAUSE OF THE SAME RATING. HERE STANDBY VFD SHALL BE SOURCE VFD OF ANY OF THE WORKING MOTOR.
 4. IN NORMAL CONDITION MOTOR-1, MOTOR-2, MOTOR-3 & STANDBY MOTOR, IF REQUIRED SHALL BE OPERATED WHEN OFF LOAD ISOLATORS ARE CONNECTED 1&C POSITION.
 5. IN CASE OF ANY OF THE VFD AND RESPECTIVE DOL OF MOTOR-1, MOTOR-2, MOTOR-3 ARE NOT WORKING THEN STANDBY VFD AND ITS DOL SHALL BE ACT AS SOURCE VFD AND DOL FOR ANY ONE OF WORKING MOTOR 1, 2, 3. IN THIS CONDITION FOR MOTOR-1 OR 2 OR 3 THE DOUBLE THROW ISOLATOR SHALL BE CONNECTED 2&C
 6. NORMALLY STANDBY VFD AND DOL OF MOTOR SHALL BE IN OFF CONDITION AND STAND BY VFD HEAT LOAD SHALL NOT BE CONSIDER

INDRADHANUSH GAS GRID LTD

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MECON LIMITED

NORTH - EAST GAS GRID PRELIME PROJECT

SECTION ELECTRICAL-E1

LOCATION RANCHI

DESIGNED P.P.SAHA

DRAWN P.K.SRAYASTAVA

CHECKED P.P.S

APPROVED A.PANDEY

DATE: JUNE 2022

SCALE - NTS

MFC/05/28/230U/NGCS/TD/033

SHEET/REV 1 OF 10

ARRANGEMENT AND ISOLATOR PANEL FOR HT COMPRESSOR

DRG. NO.

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DESCRIPTION

BY

VERIFIED

REVISIONS

DATE

ZONE

REV. NO.

CONCURRED BY

SEC.

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