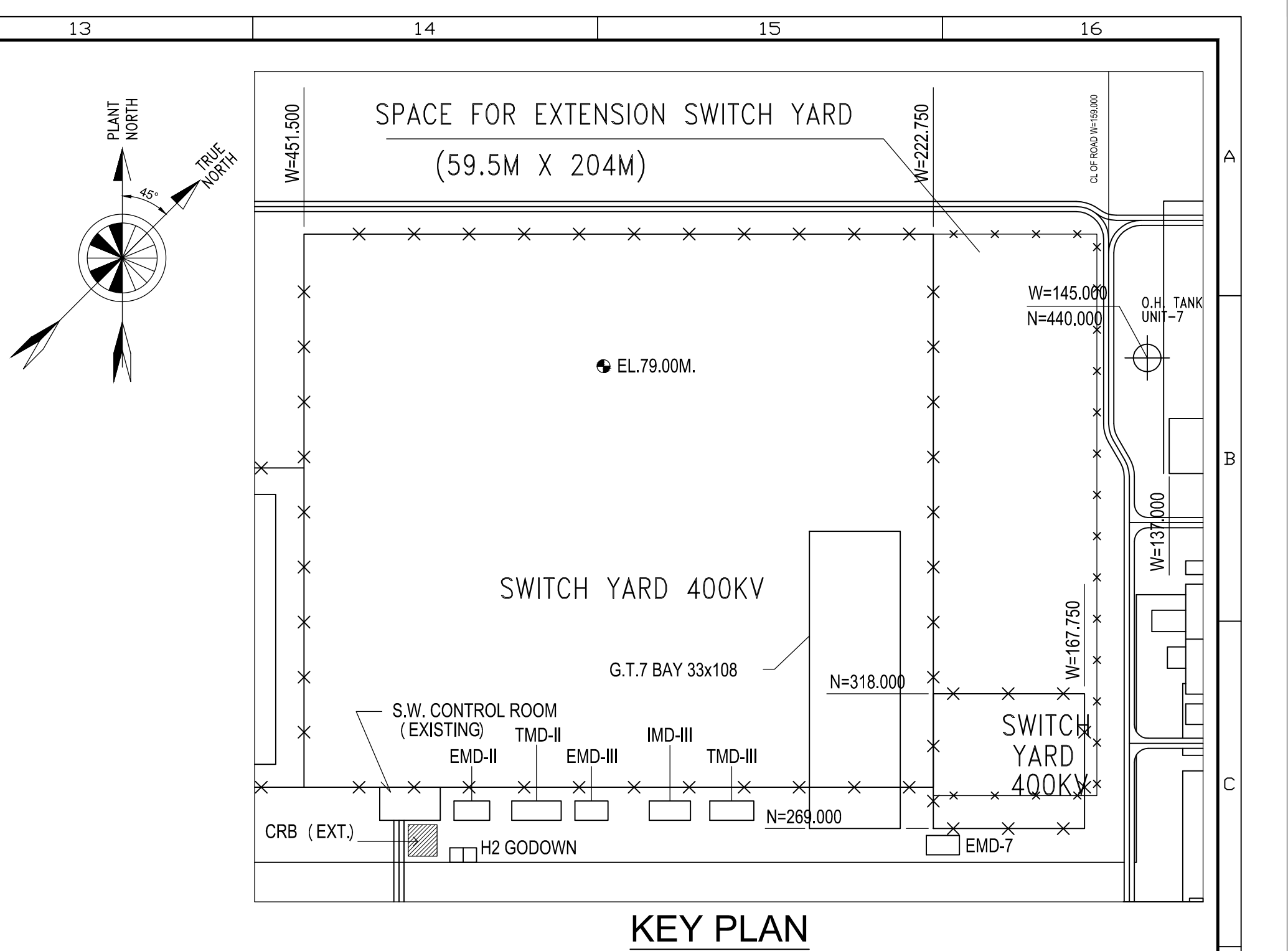
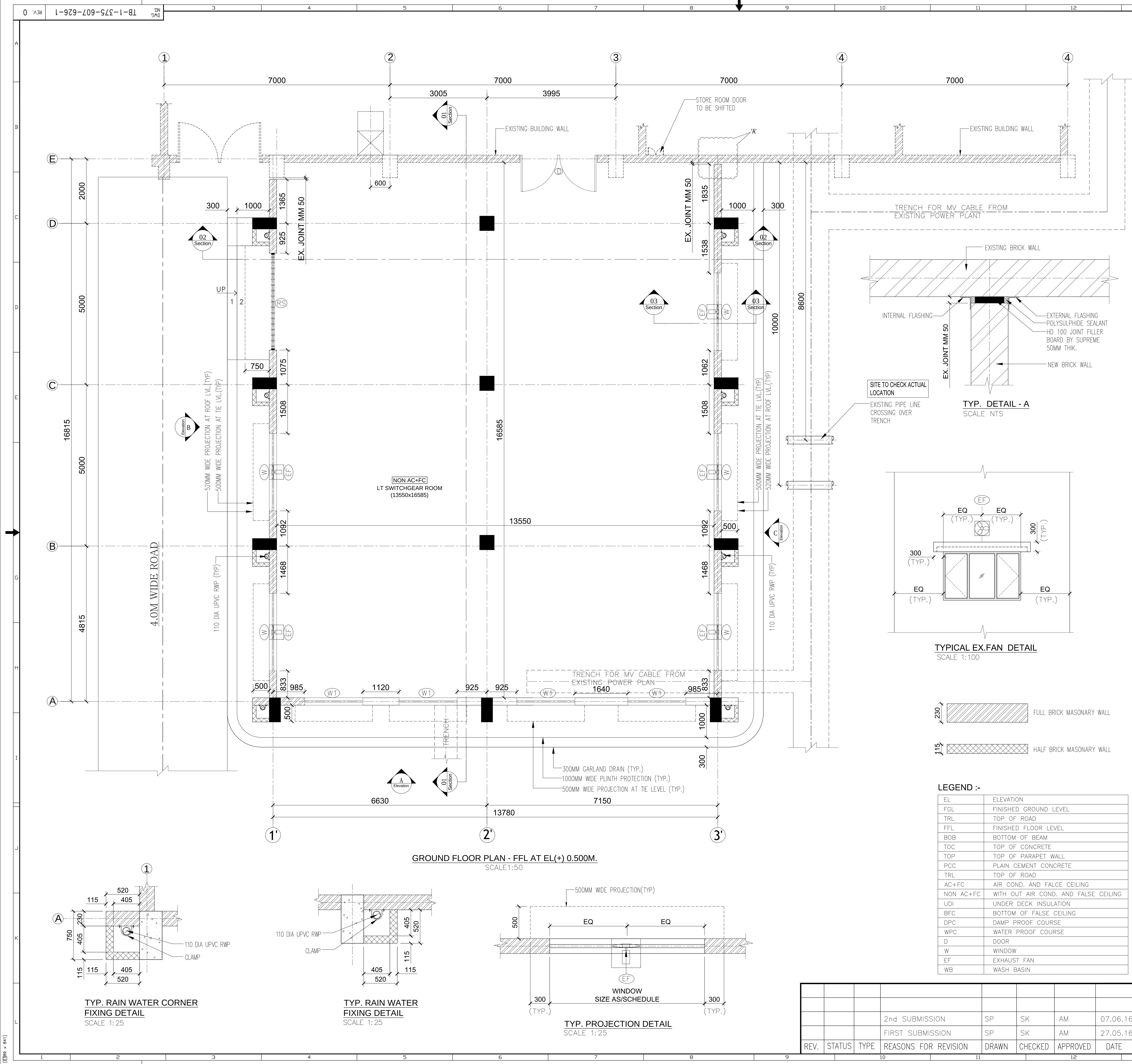




- GENERAL NOTES :-**
- ONLY WRITTEN DIMENSION SHALL BE FOLLOWED DO NOT SCALE THE DRAWING.
 - ALL DIMENSIONS ARE IN MM & LEVELS ARE IN MTR UNLESS OTHERWISE NOTED.
 - ALL MEASUREMENT MUST BE CHECKED AND VERIFIED AT SITE. ANY DISCREPANCY FOUND. TO BE NOTIFIED TO THE DESIGNER BEFORE EXECUTION.
 - FGL OF THE SWITCHYARD HAS BEEN CONSIDERED AS RL 79.00M. = EL ± 0.000M.
 - ALL DIMENSIONS SHOWN IN THE DRAWING ARE CLEAR DIMENSIONS.
 - THIS DRAWING SHALL BE READ IN CONJUNCTION WITH CONTRACT TERMS & CONDITIONS, SPECIFICATION, SCHEDULE OF ITEM & OTHER ARCHITECTURAL DRAWING.
 - FOR LOCATION OF FLOOR OPENINGS STRICTLY REFER RELEVANT STRUCTURAL DRAWING.
 - DOOR & WINDOW WIDTH MENTIONED IN THE SCHEDULE ARE CLEAR MASONRY OPENING IN WALL.
 - THE DOOR HEIGHT MENTIONED IN THE DRAWING NO TB-1-375-607-626-SH-1 & 2 SHALL BE FROM THE FFL.
 - ALL THE DIMENSIONS OF THE ROOM ARE WALL TO WALL CLEAR DIMENSIONS.
 - HVAC SYSTEM SHALL BE SHOWN IN SEPARATE DRAWING IN GROUND FLOOR & FIRST FLOOR DRG.
 - CEILING SUSPENDED DUCTED AC UNITS ARE TO BE PROVIDED IN CONTROL ROOM HAS THE 450 kg. (APPROX.) AS DYNAMIC LOAD.
 - WALL OPENING FOR DUCT ROUTE SHALL BE PROVIDED IN THE PARTITION WALLS. DRG. FOR THE SAME WILL BE PROVIDED AT A LATER STAGE.
 - MASONRY IN WALL FOR AC SYSTEM SHALL BE SHOWN IN SEPARATE DRG. OR MISCELLANEOUS DRG.
 - FOR RAMP DETAILS ETC REF. MISCELLANEOUS DRG.
 - GSECL UDI REQUIREMENT:- ROOF OF AC SPACES SHALL BE INSULATED WITH 25MM THICK EPS (UNDER DECK) FOR NOT EXPOSED TO SUN AND 50MM THICK EPS (UNDER DECK) FOR EXPOSED TO SUN.
 - PRECAUTION SHOULD BE TAKEN DURING EXECUTION BY BHEL FOR THE EXISTING FACILITIES FALLING IN EXTENSION AREA UNDER SUPERVISION OF GSECL.
 - HEIGHT OF THE ROOM SHALL BE MATCHED WITH THE EXISTING FLOOR & ROOF HEIGHT.
 - CONNECTION DETAILS BETWEEN EXISTING BUILDING AND EXTENSION SHALL BE SHOWN IN CIVIL/ ARCHITECTURAL DRG.
 - EXISTING PANEL LIFTING AREA ON CRB PROPOSED TO BE USED FOR EXISTING BUILDING.
 - CEILING SUSPENDED AC UNITS ARE ENVISAGED FOR PANEL ROOM WITH DYNAMIC LOAD OF 450 Kg. (APPROX.) CEILING SHALL BE DESIGNED IN ACCORDANCE.

SCHEDULE OF DOOR / WINDOW OPENING (GROUND FLOOR EL (+) 0.500M. FFL)

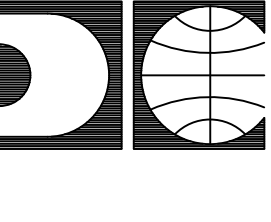
S.NO.	TYPE.	SIZE	SILL LVL.	LINTEL LVL.	NOS.	REMARK
1.	RS	3000x3000	-	3000	01	MS Rolling Shutter as/Spec
2.	D	2400x3000	-	3000	01	Double Plated Hollow Flush Door Shutters With Pressed Steel Door as/Spec
3.	W	2400x2000	1000	3000	05	Aluminum Glazed Fix And Shutter Window as/Spec
4.	W1	1800x2000	1000	3000	04	Aluminum Glazed Fix And Shutter Window as/Spec
5.	EF	450 DIA	3400	3950	05	Wall Opening

REFERENCE DRG.

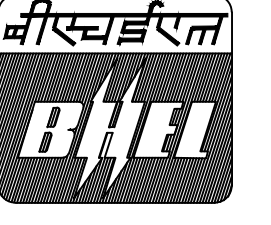
TB-1-375-607-626-7	(Miscellaneous Detail For Control Room Of 400kV Switchyard Extension)
TB-1-375-607-626-6	(Finishing Schedule For Control Room Of 400kV Switchyard Extension)
TB-1-375-607-626-5	(Terrace Plan For Control Room Of 400kV Switchyard Extension)
TB-1-375-607-626-4	(Sections For Control Room Of 400kV Switchyard Extension)
TB-1-375-607-626-3	(Elevations For Control Room Of 400kV Switchyard Extension)
TB-1-375-607-626-2	(First Floor Plan For Control Room Of 400kV Switchyard Extension)
WTPS-001-138	(PLAN OF SWITCHYARD CONTROL ROOM)
K9213R-DWG-M002	(PLOT PLAN)
TB-3-375-510-060	(LAYOUT PLAN AND SECTION DRAWING)



GUJARAT STATE ELECTRICITY CORPORATION LIMITED
VADODARA, GUJARAT
1x800 MW Wanakbori Thermal Power Station Extn. Unit-8



DEVELOPMENT CONSULTANTS PVT. LTD.
CONSULTING ENGINEERS
KOLKATA • MUMBAI • CHENNAI • NEW DELHI



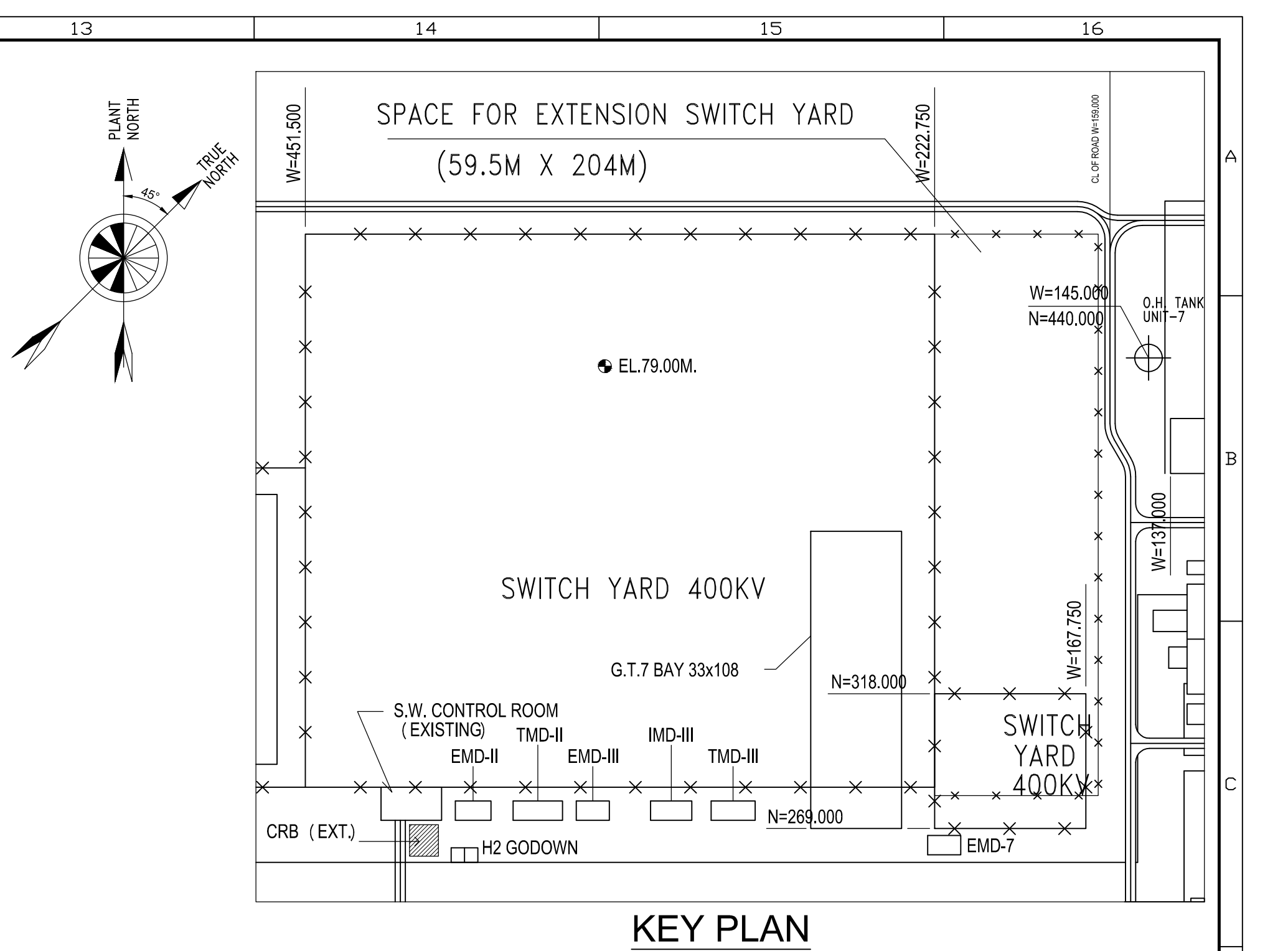
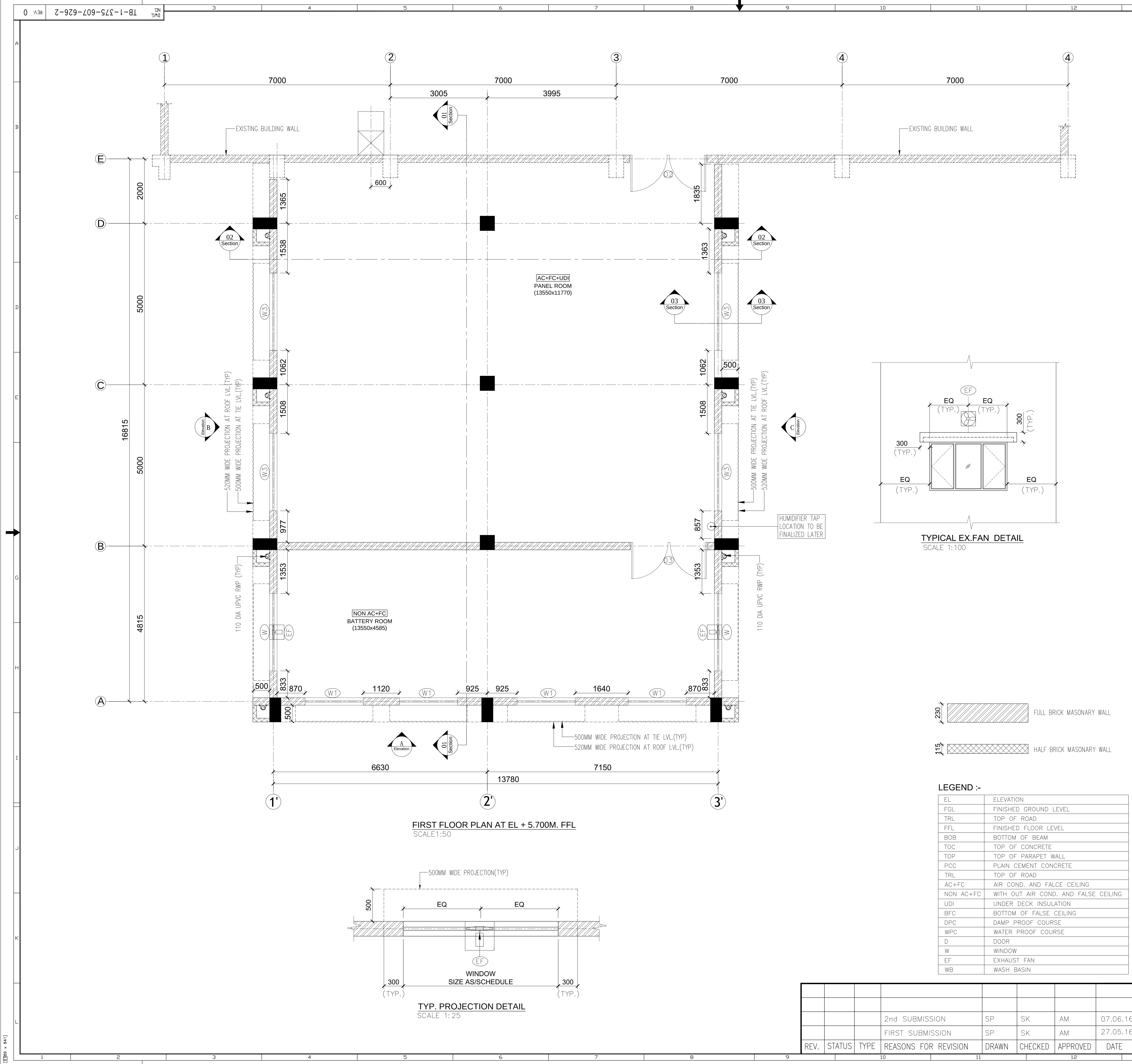
BHARAT HEAVY ELECTRICALS LTD.

DRN.	SP	NAME	SIGN	DATE
CHD.	SK			
APPD.	AM			

TITLE : ARCH. GROUND FLOOR PLAN FOR CONTROL ROOM OF 400kV SWITCHYARD EXTENSION

UNIT :	SCALE : 1:110	BHEL DWG. NO. : TB-1-375-607-626-1	REV 0
---------------	----------------------	---	--------------

		2nd SUBMISSION	SP	SK	AM	07.06.16
		FIRST SUBMISSION	SP	SK	AM	27.05.16
REV.	STATUS	TYPE	REASONS FOR REVISION	DRAWN	CHECKED	APPROVED
						DATE



GENERAL NOTES :-

- FOR GENERAL NOTES REFER DWG.NO. TB-1-375-607-626-1

SCHEDULE OF DOOR / WINDOW OPNING (FIRST FLOOR EL (+) 5.700M. FFL)					
S.NO.	TYPE.	SIZE	SILL LVL.	LINTEL LVL.	NOS.
1.	D2	2400x3000	—	3000	01
2.	D3	2400x3000	—	3000	01
3.	W	2400x2000	1000	3000	02
4.	W1	1800x2000	1000	3000	04
5.	W3	1800x2000	1000	3000	04
6.	EF	450 DIA	3400	3950	02

REFERENCE		DESCRIPTION
TB-1-375-607-626-7	(Miscellaneous Detail For Control Room Of 400kV Switchyard Extension)	
TB-1-375-607-626-6	(Finishing Schedule For Control Room Of 400kV Switchyard Extension)	
TB-1-375-607-626-5	(Terrace Plan For Control Room Of 400kV Switchyard Extension)	
TB-1-375-607-626-4	(Sections For Control Room Of 400kV Switchyard Extension)	
TB-1-375-607-626-3	(Elevations For Control Room Of 400kV Switchyard Extension)	
TB-1-375-607-626-1	(Ground Floor Plan For Control Room Of 400kV Switchyard Extension)	
WTPS-001-138	(PLAN OF SWITCHYARD CONTROL ROOM)	
K9213R-DWG-M002	(PLOT PLAN)	
TB-3-375-510-060	(LAYOUT PLAN AND SECTION DRAWING)	

GUJARAT STATE ELECTRICITY CORPORATION LIMITED
VADODARA, GUJARAT
1x800 MW Wanakbori Thermal Power Station Extn. Unit-8

DEVELOPMENT CONSULTANTS PVT. LTD.
CONSULTING ENGINEERS
KOLKATA • MUMBAI • CHENNAI • NEW DELHI

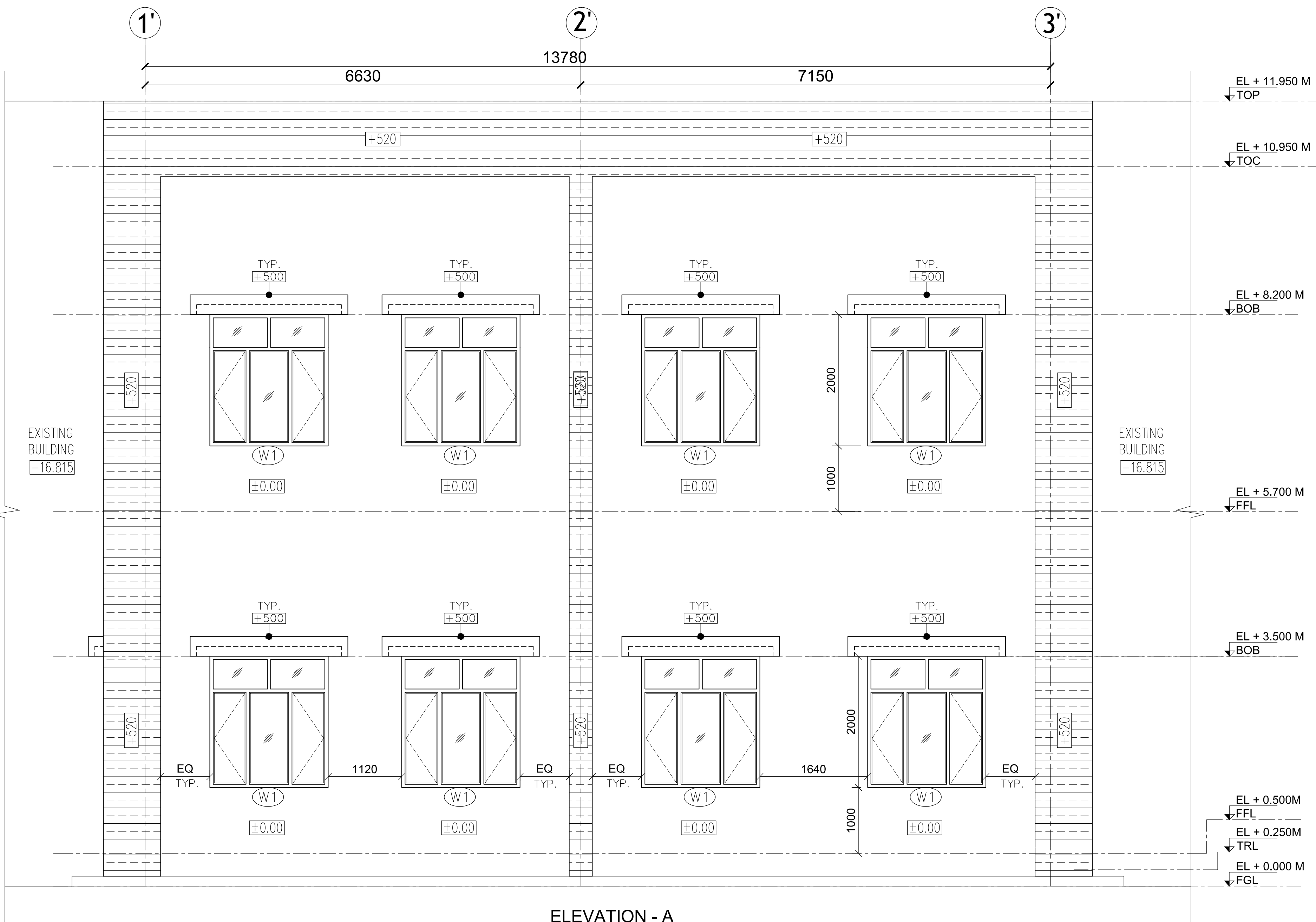
BHARAT HEAVY ELECTRICALS LTD.

DRN.	SP	NAME	SIGN	DATE
CHD.	SK			
APPD.	AM			

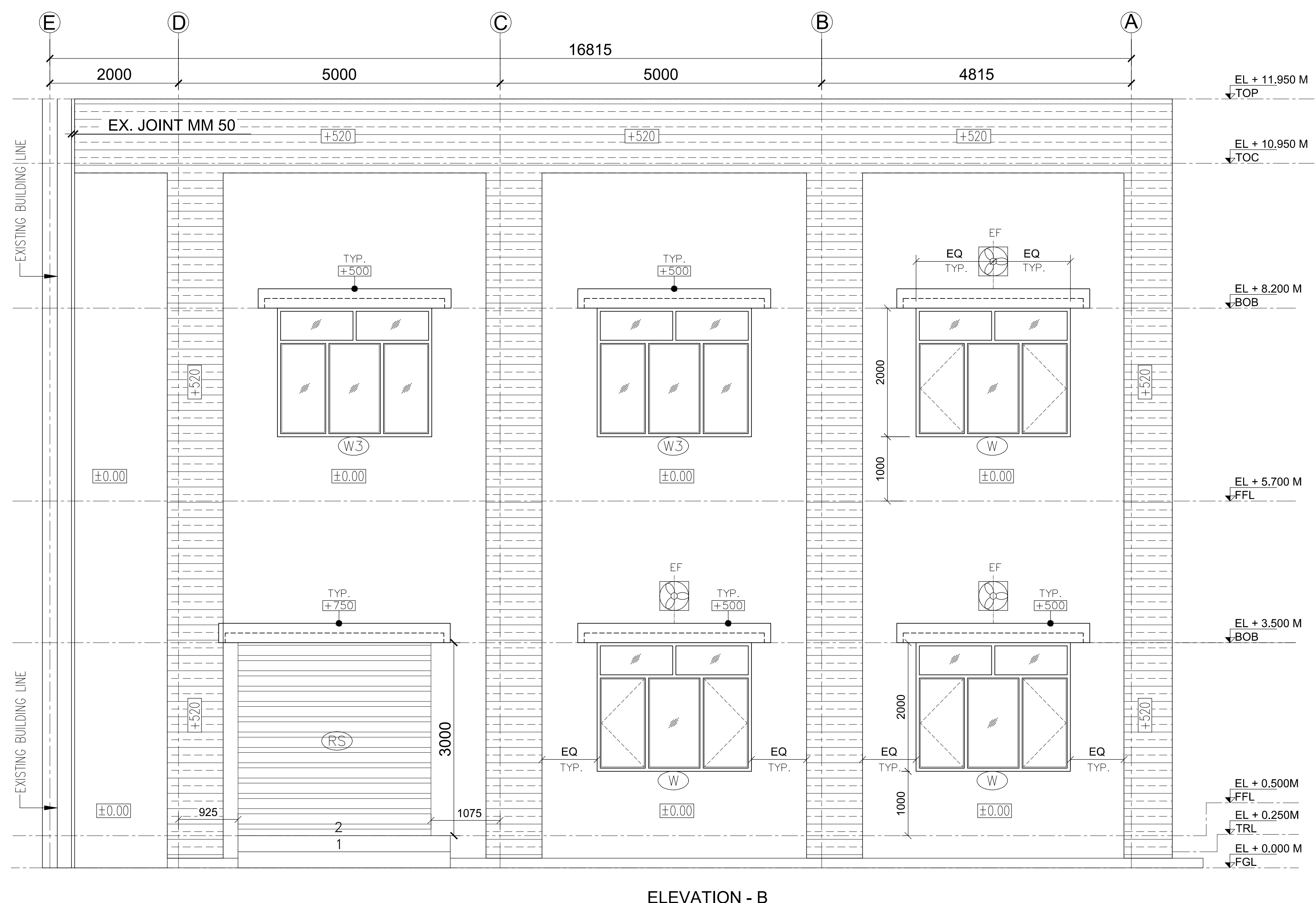
TITLE : ARCH. FIRST FLOOR PLAN FOR CONTROL ROOM OF 400kV SWITCHYARD EXTENSION						
UNIT : SCALE : 1:110 BHEL DWG. NO. : TB-1-375-607-626-2 REV 0						
REV.	STATUS	TYPE	REASONS FOR REVISION	DRAWN	CHECKED	DATE
			2nd SUBMISSION	SP	SK	AM 07.06.16
			FIRST SUBMISSION	SP	SK	AM 27.05.16
			REASONS FOR REVISION	DRAWN	CHECKED	APPROVED

GENERAL NOTES :-

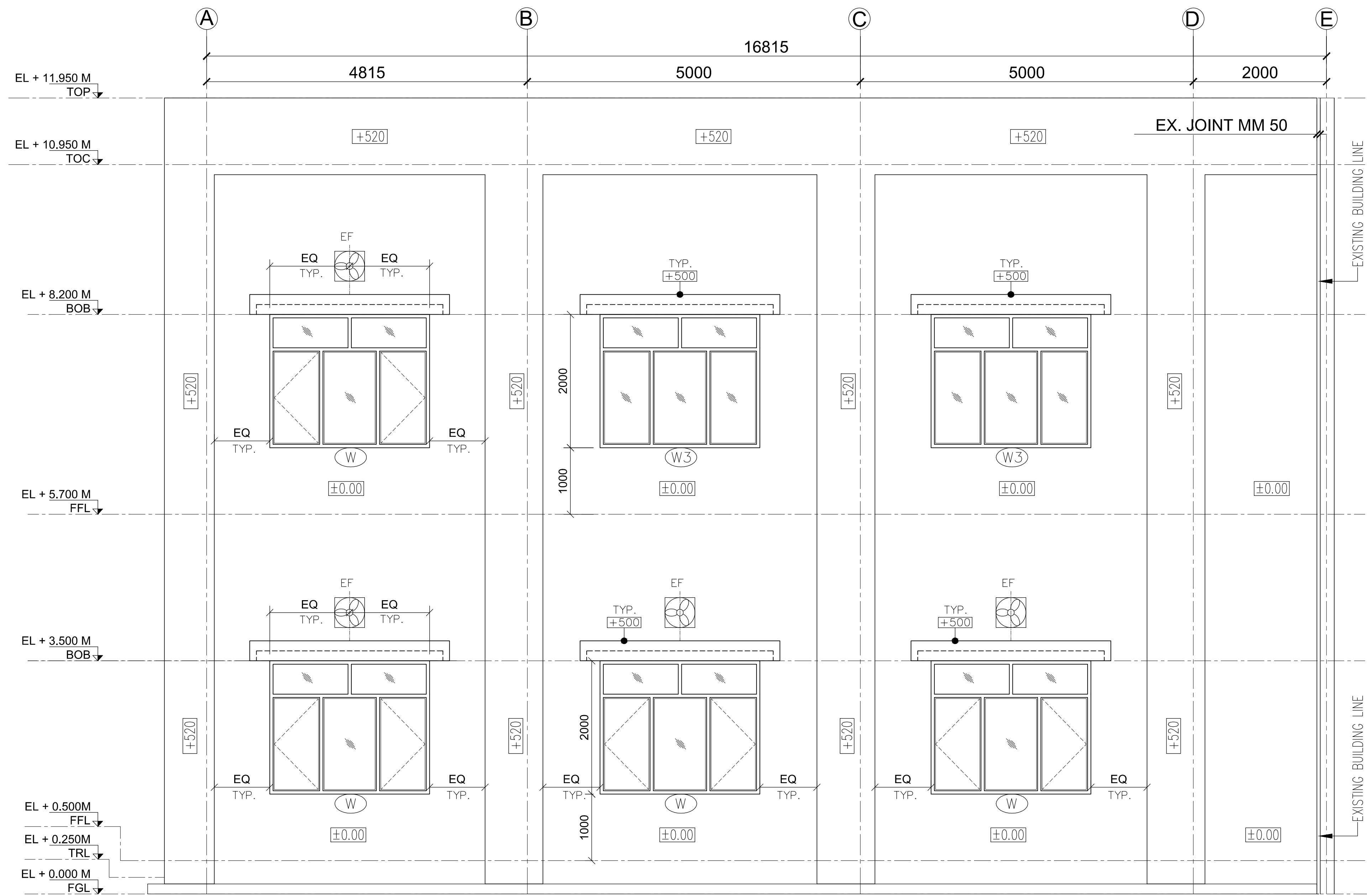
1. FOR GENERAL NOTES REFER DWG.NO. TB-1-375-607-626-1



ELEVATION - A
SCALE 1:50



ELEVATION - B
SCALE 1:50



ELEVATION - C
SCALE 1:50

LEGEND :-

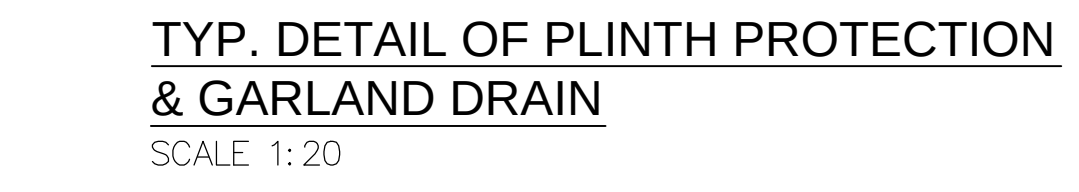
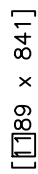
EL	ELEVATION
FGL	FINISHED GROUND LEVEL
TRL	TOP OF ROAD
FFL	FINISHED FLOOR LEVEL
BOB	BOTTOM OF BEAM
TOC	TOP OF CONCRETE
TOP	TOP OF PARAPET WALL
PCC	PLAIN CEMENT CONCRETE
TRL	TOP OF ROAD
AC+FC	AIR COND. AND FALSE CEILING
NON AC+FC	WITH OUT AIR COND. AND FALSE CEILING
UDI	UNDER DECK INSULATION
BFC	BOTTOM OF FALSE CEILING
DPC	DAMP PROOF COURSE
WPC	WATER PROOF COURSE
D	DOOR
W	WINDOW
EF	EXHAUST FAN
WB	WASH BASIN

TB-1-375-607-626-7 (Miscellaneous Detail For Control Room Of 400kV Switchyard Extension)
TB-1-375-607-626-6 (Finishing Schedule For Control Room Of 400kV Switchyard Extension)
TB-1-375-607-626-5 (Terrace Plan For Control Room Of 400kV Switchyard Extension)
TB-1-375-607-626-4 (Sections For Control Room Of 400kV Switchyard Extension)
TB-1-375-607-626-2 (First Floor Plan For Control Room Of 400kV Switchyard Extension)
TB-1-375-607-626-1 (Ground Floor Plan For Control Room Of 400kV Switchyard Extension)
WTPS-001-138 (PLAN OF SWITCHYARD CONTROL ROOM)
K9213R-DWG-M002 (PLOT PLAN)
TB-3-375-510-060 (LAYOUT PLAN AND SECTION DRAWING)

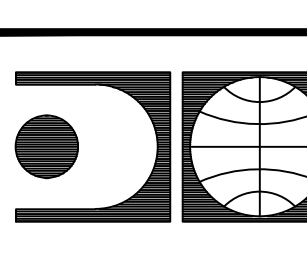
	GUJARAT STATE ELECTRICITY CORPORATION LIMITED			
	VADODARA, GUJARAT			
	1x800 MW Wanakbori Thermal Power Station Extn. Unit-8			
	DEVELOPMENT CONSULTANTS PVT. LTD.			
	CONSULTING ENGINEERS			
	KOLKATA • MUMBAI • CHENNAI • NEW DELHI			
	BHARAT HEAVY ELECTRICALS LTD.			
	DRN.	NAME	SIGN	DATE
CHD.	SK			
APPD.	AM			

			2nd SUBMISSION	SP	SK	AM	07.06.16
			FIRST SUBMISSION	SP	SK	AM	27.05.16
REV.	STATUS	TYPE	REASONS FOR REVISION	DRAWN	CHECKED	APPROVED	DATE

TITLE :	ARCH. ELEVATIONS FOR CONTROL ROOM OF 400kV SWITCHYARD EXTENSION			
UNIT :	SCALE :	BHEL DWG. NO. :	TB-1-375-607-626-3	REV 0



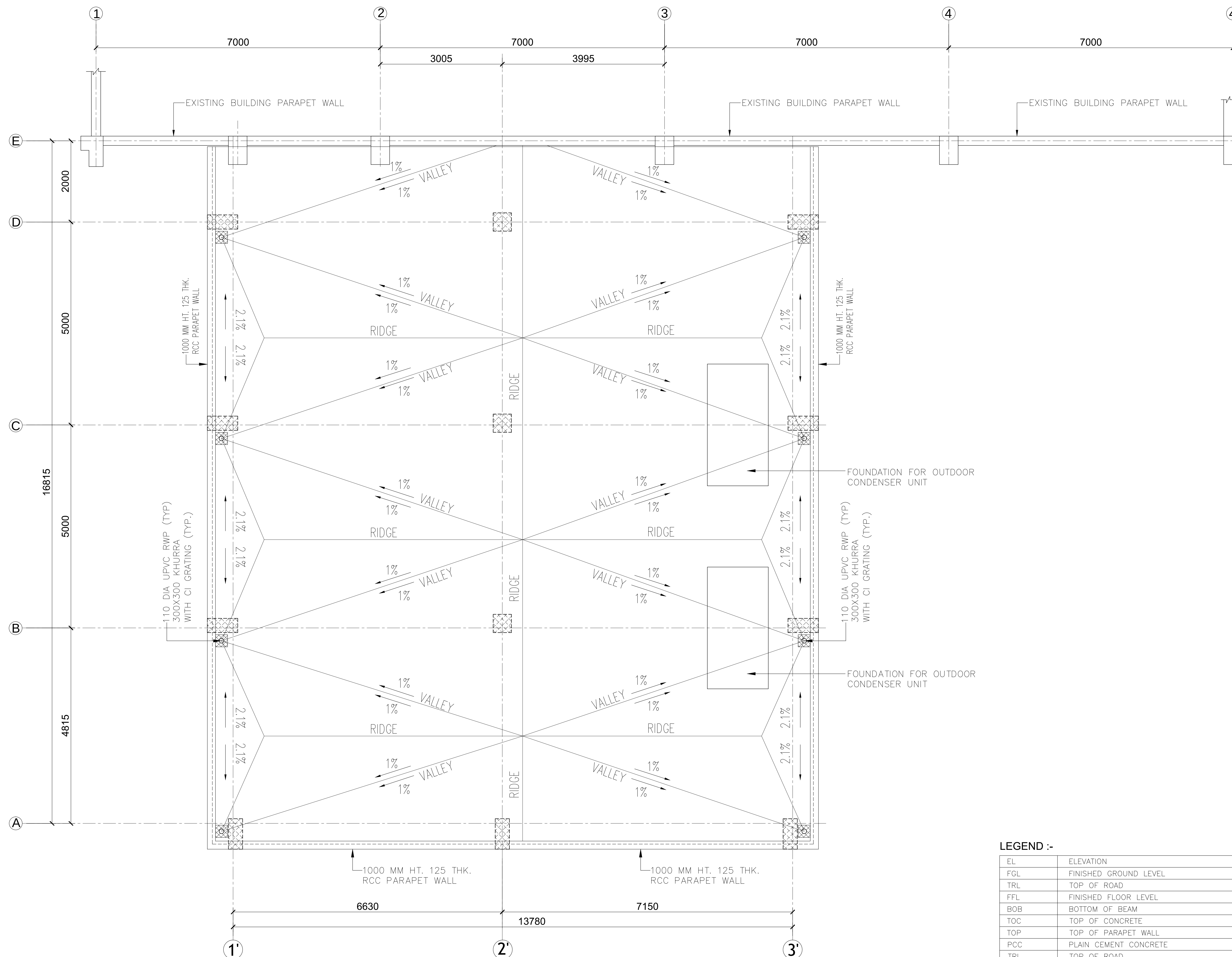
REFERENCE: DRG.	1B-1-375-607-626-6	(Miscellaneous Detail For Control Room Of 400kV Switchyard Extension)
	1B-1-375-607-626-6	(Finishing Schedule For Control Room Of 400kV Switchyard Extension)
	1B-1-375-607-626-5	(Terrace Plan For Control Room Of 400kV Switchyard Extension)
	1B-1-375-607-626-3	(Elevations For Control Room Of 400kV Switchyard Extension)
	1B-1-375-607-626-2	(First Floor Plan For Control Room Of 400kV Switchyard Extension)
	1B-1-375-607-626-1	(Ground Floor Plan For Control Room Of 400kV Switchyard Extension)
	WTPS-001-138	(PLAN OF SWITCHYARD CONTROL ROOM)
	K9213R-DWG-M002	(PLOT PLAN)
	1B-3-375-510-060	(LAYOUT PLAN AND SECTION DRAWING)

	GUJARAT STATE ELECTRICITY CORPORATION LIMITED VADODARA, GUJARAT 1x800 MW Wanakbori Thermal Power Station Extn. Unit-8																							
	DEVELOPMENT CONSULTANTS PVT. LTD. CONSULTING ENGINEERS KOLKATA • MUMBAI • CHENNAI • NEW DELHI																							
	<table border="1"> <tr> <td data-bbox="2632 1816 2700 1845">BHARAT HEAVY ELECTRICALS LTD.</td> <td data-bbox="2700 1816 2769 1845"></td> <td data-bbox="2769 1816 2825 1845">NAME</td> <td data-bbox="2825 1816 2852 1845">SIGN</td> <td data-bbox="2852 1816 2896 1845">DATE</td> </tr> <tr> <td data-bbox="2632 1845 2700 1860">DRN.</td> <td data-bbox="2700 1845 2769 1860">CHD.</td> <td data-bbox="2769 1845 2825 1860">SP</td> <td data-bbox="2825 1845 2852 1860"></td> <td data-bbox="2852 1845 2896 1860"></td> </tr> <tr> <td data-bbox="2632 1860 2700 1875"></td> <td data-bbox="2700 1860 2769 1875">SK</td> <td data-bbox="2769 1860 2825 1875"></td> <td data-bbox="2825 1860 2852 1875"></td> <td data-bbox="2852 1860 2896 1875"></td> </tr> <tr> <td data-bbox="2632 1875 2700 1890">APPD.</td> <td data-bbox="2700 1875 2769 1890">AM</td> <td data-bbox="2769 1875 2825 1890"></td> <td data-bbox="2825 1875 2852 1890"></td> <td data-bbox="2852 1875 2896 1890"></td> </tr> </table>				BHARAT HEAVY ELECTRICALS LTD.		NAME	SIGN	DATE	DRN.	CHD.	SP				SK				APPD.	AM			
BHARAT HEAVY ELECTRICALS LTD.		NAME	SIGN	DATE																				
DRN.	CHD.	SP																						
	SK																							
APPD.	AM																							

			2nd SUBMISSION	SP	SK	AM	07.06.16
			FIRST SUBMISSION	SP	SK	AM	27.05.16
REV.	STATUS	TYPE	REASONS FOR REVISION	DRAWN	CHECKED	APPROVED	DATE

TITLE : ARCH. SECTIONS FOR CONTROL ROOM OF 400kV SWITCHYARD EXTENSION			
UNIT :	SCALE : 1:110	BHEL DWG. NO. : TB-1-375-607-626-4	REV 0

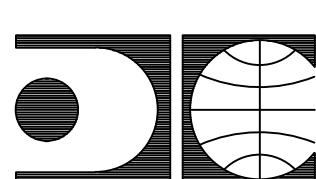
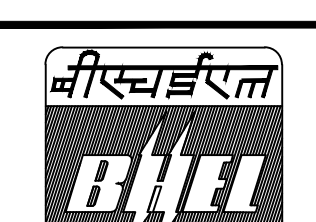
1. FOR GENERAL NOTES REFER DWG.NO. TB-1-375-607-626-1



TERRACE PLAN AT EL + 10.950M. TOC
SCALE 1:50

LEGEND :-	
EL	ELEVATION
FGL	FINISHED GROUND LEVEL
TRL	TOP OF ROAD
FFL	FINISHED FLOOR LEVEL
BOB	BOTTOM OF BEAM
TOC	TOP OF CONCRETE
TOP	TOP OF PARAPET WALL
PCC	PLAIN CEMENT CONCRETE
TRL	TOP OF ROAD
AC+FC	AIR COND. AND FALSE CEILING
NON AC+FC	WITH OUT AIR COND. AND FALSE CEILING
UDI	UNDER DECK INSULATION
BFC	BOTTOM OF FALSE CEILING
DPC	DAMP PROOF COURSE
WPC	WATER PROOF COURSE
D	DOOR
W	WINDOW
EF	EXHAUST FAN
WB	WASH BASIN

REFERENCE DRG.	
	TB-1-375-607-626-7 (Miscellaneous Detail For Control Room Of 400kV Switchyard Extension)
	TB-1-375-607-626-6 (Finishing Schedule For Control Room Of 400kV Switchyard Extension)
	TB-1-375-607-626-4 (Sections For Control Room Of 400kV Switchyard Extension)
	TB-1-375-607-626-3 (Elevations For Control Room Of 400kV Switchyard Extension)
	TB-1-375-607-626-2 (First Floor Plan For Control Room Of 400kV Switchyard Extension)
	TB-1-375-607-626-1 (Ground Floor Plan For Control Room Of 400kV Switchyard Extension)
	WTPS-001-138 (PLAN OF SWITCHYARD CONTROL ROOM)
	K9213R-DWG-M002 (PLOT PLAN)
TB-3-375-510-060 (LAYOUT PLAN AND SECTION DRAWING)	

	GUJARAT STATE ELECTRICITY CORPORATION LIMITED VADODARA, GUJARAT 1x800 MW Wanakbori Thermal Power Station Extn. Unit-8																			
	DEVELOPMENT CONSULTANTS PVT. LTD. CONSULTING ENGINEERS KOLKATA • MUMBAI • CHENNAI • NEW DELHI																			
	BHARAT HEAVY ELECTRICALS LTD.	<table border="1"> <tr> <th></th> <th>NAME</th> <th>SIGN</th> <th>DATE</th> </tr> <tr> <td>DRN.</td> <td>SP</td> <td></td> <td></td> </tr> <tr> <td>CHD.</td> <td>SK</td> <td></td> <td></td> </tr> <tr> <td>APPD.</td> <td>AM</td> <td></td> <td></td> </tr> </table>		NAME	SIGN	DATE	DRN.	SP			CHD.	SK			APPD.	AM				
	NAME	SIGN	DATE																	
DRN.	SP																			
CHD.	SK																			
APPD.	AM																			

			2nd SUBMISSION	SP	SK	AM	07.06.16
			FIRST SUBMISSION	SP	SK	AM	27.05.16
REV.	STATUS	TYPE	REASONS FOR REVISION	DRAWN	CHECKED	APPROVED	DATE

TITLE :				ARCH. TERRACE PLAN FOR CONTROL ROOM OF 400kV SWITCHYARD EXTENSION			
UNIT :		SCALE :		BHEL DWG. NO. :		REV	
		1:110		TB-1-375-607-626-5		0	