P20C5DPT02MVD-SYSA-ARCGADDWG-28036(C)
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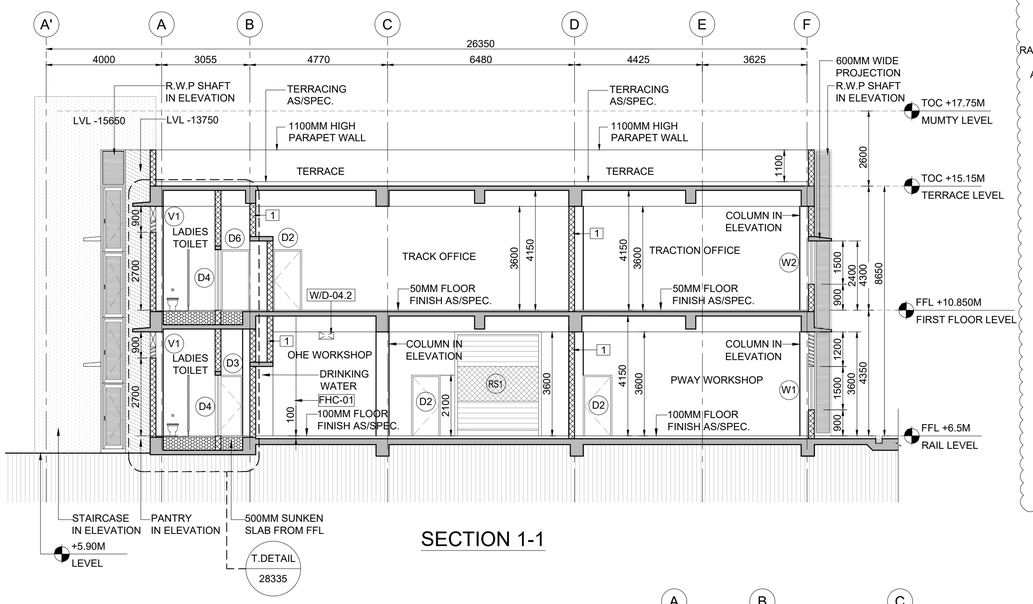
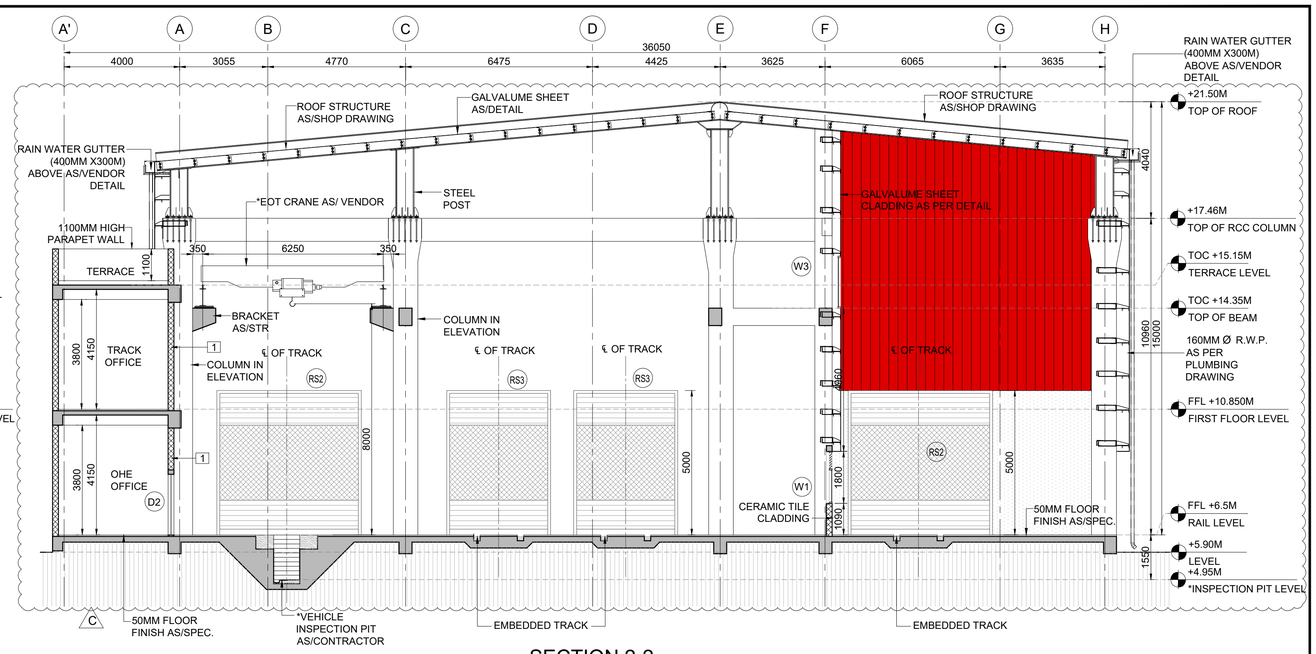
NOWCI-kartheesan R | Sat Mar 04 2023 12:45:45 GMT+0530 (India Standard Time)
Sdr-Rajalakshmi | Tue Mar 14 2023 17:34:43 GMT+0530 (India Standard Time)

P20C5DPT02MVD-SYSA-ARCGADDWG-28036(C)
Status: Approved with Comments
2023-7-19 15:33:2

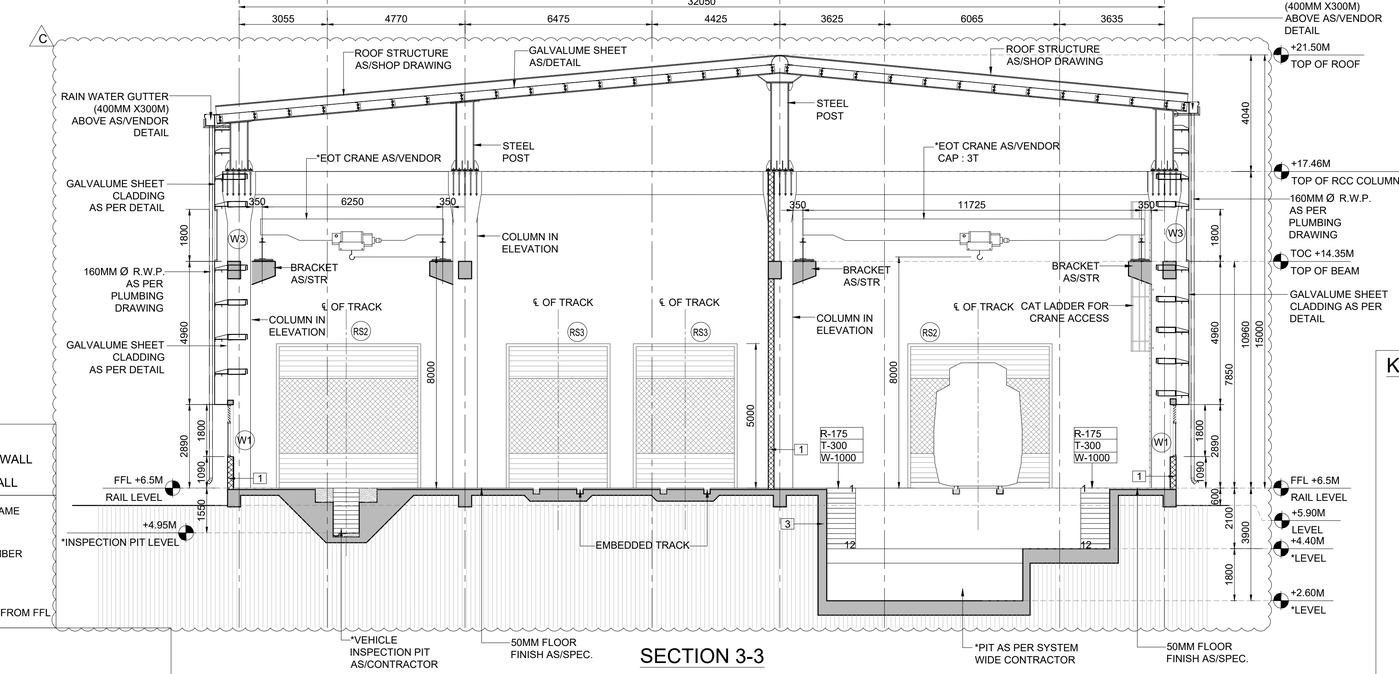
ISO A1 841mm x 594mm



SECTION 1-1



SECTION 2-2



SECTION 3-3

REVISION LOG C:

1. EXTERNAL BLOCK WALL HEIGHT REVISED.

DOOR WINDOW SCHEDULE FOR ETU & PWL BLOCK

GROUND FLOOR DOOR SCHEDULE

DOOR NUMBER	ROOM	DOOR / GLAZING SIZE				REMARKS
		WIDTH	HEIGHT	CILL	LINTEL	
D1	PLUMBING SHAFT	750	2100	0	2100	LOUVERED DOOR
D2	TOOL ROOM, CHE-OFFICE, TRACK OFFICE, STAIRCASE	1000	2100	0	2100	SINGLE LEAF PRE LAMINATED DOOR WITH STEEL FRAME
D3	PANTRY	1000	2100	0	2100	SINGLE LEAF PRE LAMINATED DOOR WITH STEEL FRAME
D4	GENTS & LADIES TOILET	1000	2100	0	2100	SINGLE LEAF PRE LAMINATED DOOR WITH STEEL FRAME
D6	PWAY AND CHE WORKSHOP STAIRCASE	1500	2400	0	2400	DOUBLE LEAF PRE LAMINATED DOOR WITH STEEL FRAME
RS1	PWAY AND CHE WORKSHOP, ETU BLOCK	3000	3600	0	3600	ROLLING SHUTTER(MOTORIZED SHUTTER)
RS2	ETU & PWL BLOCK	5000	5000	0	5000	ROLLING SHUTTER(MOTORIZED SHUTTER)
RS3	ETU BLOCK	3600	5000	0	5000	ROLLING SHUTTER(MOTORIZED SHUTTER)

GROUND FLOOR WINDOW & VENTILATOR SCHEDULE

WINDOW NUMBER	ROOM	WINDOW / GLAZING SIZE				REMARKS
		WIDTH	HEIGHT	CILL	LINTEL	
W1	PWAY AND CHE WORKSHOP, ETU & PWL BLOCK	5000	1600	1090	2890	SLIDING WINDOW WITH LOUVERS
W2	TRACK OFFICE, CHE OFFICE,TRACTION OFFICE	2000	1500	900	2400	ALUMINUM FRAME WITH OPENABLE SHUTTERS
W3	PWAY AND CHE WORKSHOP, ETU & PWL BLOCK	5000	1800	7850	9650	ALUMINUM FRAME WITH FIXED GLASS PANELS
W4	PANTRY	1200	1500	900	2400	ALUMINUM FRAME WITH OPENABLE SHUTTERS
W5	STAIRCASE	1200	1500	900	2400	ALUMINUM FRAME WITH FIXED GLASS PANELS
V1	TOILET(WC)	600	900	2700	3600	LOUVERED VENTILATOR WITH 1NOS.EXHAUST FAN

WALL SCHEDULE

1	200 THK. BLOCK WALL
3	300 THK. RCC WALL

SEC. / ELEV. NAME

DRAWING NUMBER

RCC WORK

BLOCK WORK

600 MM SUNK FROM FFL

TECHNICAL FLOOR OPENING SCHEDULE
ETU & PWL BUILDING

S.NO.	SYMBOL	NAME	SIZE (MM)	
			LENGTH	WIDTH
	D-01.1	PLUMBING SHAFT	1000	700

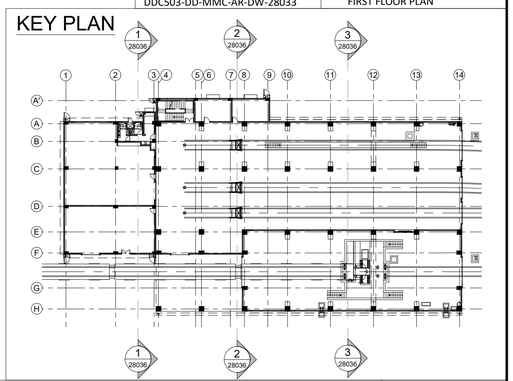
WALL OPENING SCHEDULE
ETU & PWL BUILDING - GROUND PLAN

S.NO.	SYMBOL	NAME	SIZE (MM)		
			WIDTH	HEIGHT	SILL LEVEL FROM FFL
1	W/D-06.1	VAC CUTOUT (EX. FAN)	415 DIA		3135
2	W/D-06.2	VAC CUTOUT (EX. FAN)	415 DIA		3135
3	W/D-06.3	VAC CUTOUT (EX. FAN)	415 DIA		3135
4	W/D-06.4	VAC CUTOUT (EX. FAN)	600 DIA		3200
5	W/D-06.5	VAC CUTOUT (EX. FAN)	600 DIA		3200
6	W/D-06.6	VAC CUTOUT (EX. FAN)	455 DIA		3250
7	W/D-06.7	VAC CUTOUT (EX. FAN)	455 DIA		3250
8	W/D-04.1	ELECTRICAL CUTOUT	300	200	6250
9	W/D-04.2	ELECTRICAL CUTOUT	500	250	3350
10	W/D-05.1	S & T CUTOUT	400	200	6850
11		CUTOUT FOR BMS	300	300	6750

REFERENCE DRAWINGS

DRAWING NUMBER	DRAWING TITLE
DDC503-DD-MMC-AR-DW-28031	GROUND LEVEL PLAN
DDC503-DD-MMC-AR-DW-28032	ROOF LEVEL PLAN
DDC503-DD-MMC-AR-DW-28033	FIRST FLOOR PLAN

KEY PLAN



GENERAL NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. ALL DIMENSIONS ARE TO BE READ AND NOT MEASURED.
3. THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTURAL, STRUCTURAL, PLUMBING & FIRE FIGHTING, ELECTRICAL AND TRAFFIC MANAGEMENT DRAWINGS.
4. ANY DISCREPANCIES MUST BE BROUGHT TO THE NOTICE OF THE CONSULTANT.

NOTE:
*TENTATIVE ONLY AND TO BE INTERFACED WITH RESPECTIVE CONTRACTORS BEFORE EXECUTION.

REVISIONS

REV.	DATE	BY	DESCRIPTION	CHKD	APP.
C	31-Oct-22	SGA	Refer Revision Log	SAM	KAS
B	4-Jan-22	SGA	Refer Revision Log	PSH	KAS
A	15-Sep-21	SGA	First Issue	PSH	KAS

DETAIL DESIGN CONSULTANT

SYSTRA

SYSTRA MVA CONSULTING (INDIA) PVT LTD. VATIKA MINDSCAPE, TOWER-B, 9TH & 10TH FLOOR MATHURA ROAD, NH-2, SECTOR-27/D FARIDABAD. HARYANA-121013, PH: 0129 668 5600

SUBSIDIARY OF: SYSTRA S.A. - 72-76 RUE HENRY FARMAN 75015 PARIS, FRANCE

IT IS CERTIFIED THAT THIS DOCUMENT HAS BEEN DESIGNED AND CHECKED IN ACCORDANCE WITH DDC QUALITY ASSURANCE PLAN

BY DETAIL DESIGN CONSULTANT

	NAME	SIGNATURE
PREPARED	SGA	
DRAWN BY	SGA	
DESIGNED BY	SAM	
CHECKED BY	KAS	
APPROVED BY	AMD	

NKAB

The General Consultant of CMRL has reviewed this drawing and has no objection for this to be used for construction.

PROJECT TITLE

CHENNAI METRO RAIL PROJECT - PHASE 2
CORRIDOR-5, CONTRACT - CP16-MMC-DPT

CONSTRUCTION OF METRO TRAIN DEPOT WITH ADMINISTRATION & WORKSHOP BUILDINGS AT MADHAVARAM MILK COLONY INCLUDING CIVIL, MEP, ROOFING, SIGNAGE, ARCHITECTURAL FINISHES, STP, EXTERNAL DRAINAGE, INTERNAL ROADS, BOUNDARY WALL AND ALL ASSOCIATED WORKS'' IN CORRIDOR-5 OF CMRL PHASE–II PROJECT

CLIENT

CHENNAI METRO RAIL LTD.
ADMINISTRATIVE BUILDING, CMRL DEPOT, POONAMALLEE HIGH ROAD, KOYAMBEDU, CHENNAI - 600107 (INDIA)

CONTRACT
CP16-MMC-DPT

DRAWING TITLE
DEPOT
MADHAVARAM MILK COLONY
ETU & PWL BLOCK - SECTIONS

DWG ISSUE RECORD	DWG STATUS
AS BUILT	
GOOD FOR CONSTRUCTION	✓
CONSTRUCTION REFERENCE DRAWING	
DEFINITIVE DESIGN	

DRAWING NUMBER
GFC503-DD-MMC-AR-DW-28036

NORTH

REV: C

SCALE: 1:100