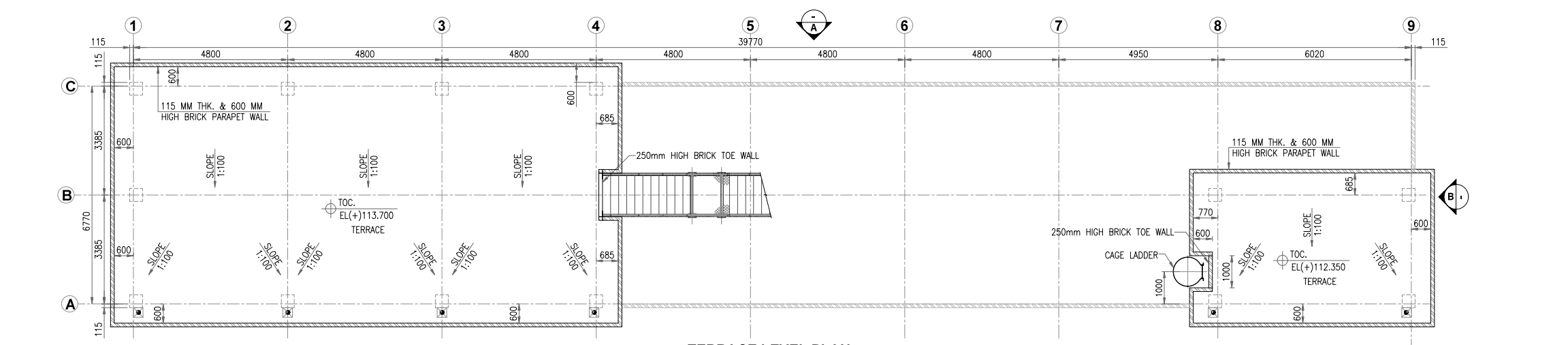
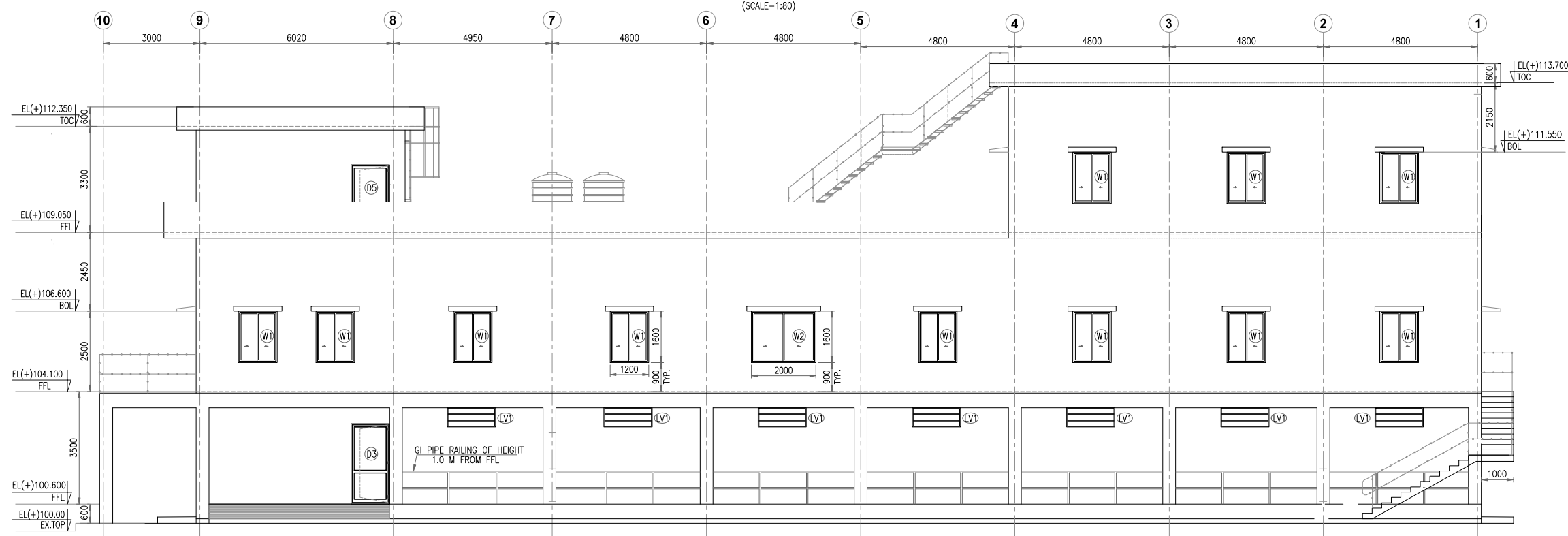


7		8	
KEY PLAN			
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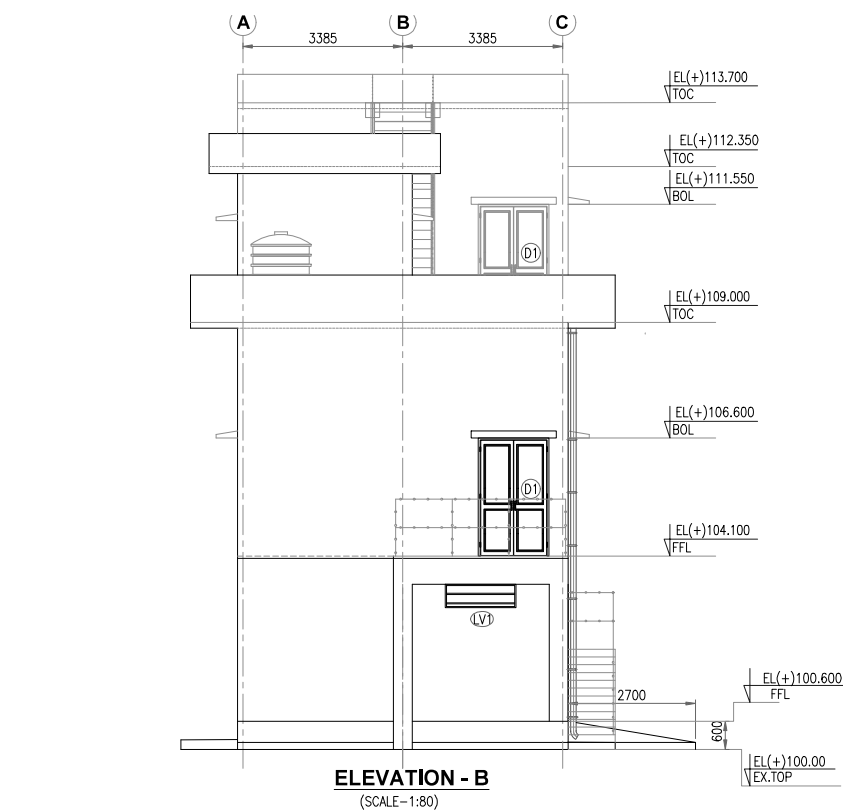
- NOTES**
1. ALL DIMENSIONS ARE IN MILLIMETERS CO-ORDINATES AND LEVELS ARE IN METERS UNLESS NOTED OTHERWISE.
 2. DO NOT MEASURE DIMENSIONS ON THE DRAWING. ONLY WRITTEN DIMENSION SHOULD BE FOLLOWED.
 3. FOR OTHER NOTES, LEGENDS & REFERENCE REFER SHEET NO.-P.020785-G-21029-C201.
 4. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ARCHITECTURAL DRAWING- .
P.020785-G-21029-P201/P.020785-G-21029-P203



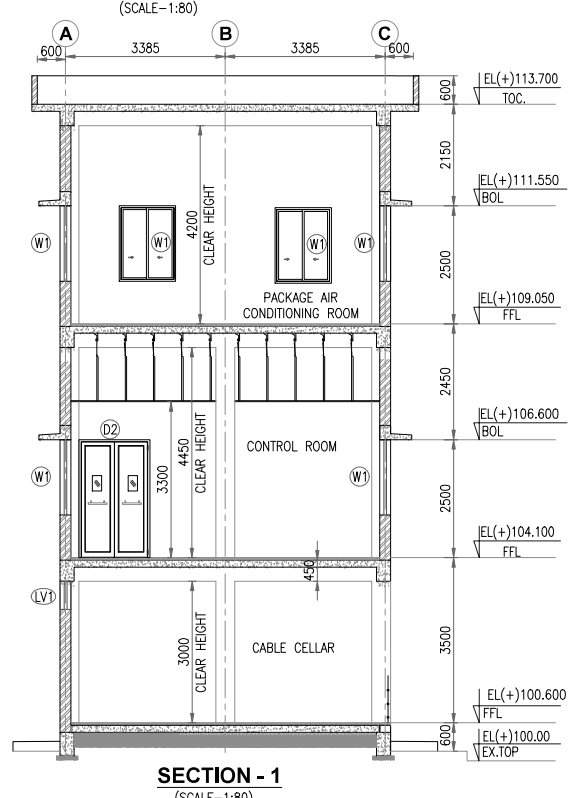
TERRACE LEVEL PLAN
(SCALE-1:80)



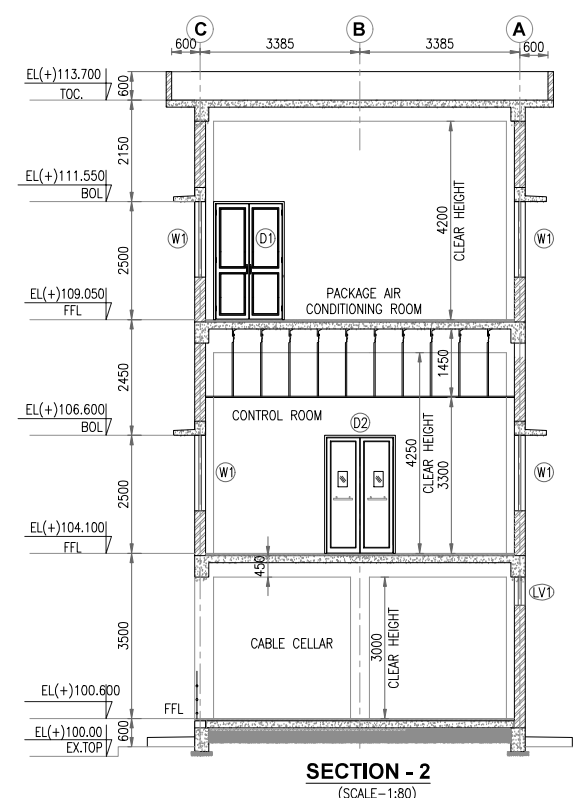
ELEVATION - A
(SCALE-1:80)



ELEVATION - B
(SCALE-1:80)



SECTION - 1
(SCALE-1:80)



SECTION - 2
(SCALE-1:80)

ISSUED FOR CONSTRUCTION

0	16.07.2026	ISSUED FOR CONSTRUCTION	ADI	HCP	RND	KNS
D	19.06.2025	REVISED AS PER COMMENTS & ISSUED FOR APPROVAL	ADI	HCP	RND	KNS
C	15.04.2025	REVISED AS PER COMMENTS & ISSUED FOR APPROVAL	ADI	HCP	RND	KNS
B	25.03.2025	REVISED AS PER COMMENTS ISSUED FOR APPROVAL	SRW	HCP	RND	KNS
A	07.01.2025	ISSUED FOR APPROVAL	SRW	HCP	RND	KNS
Rev.	D M Y	Modifications	Drawn	Checked	Validated	Approved

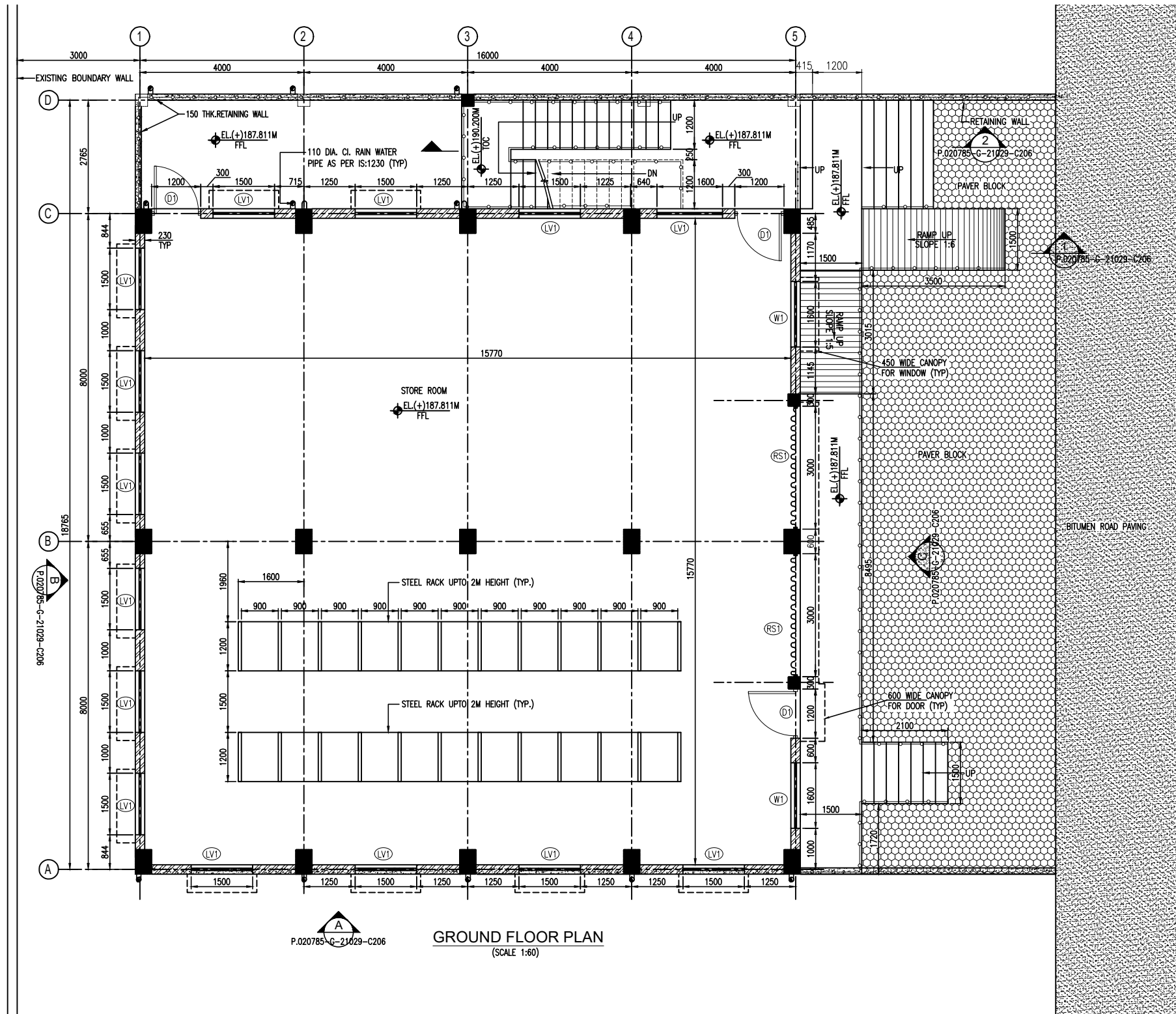
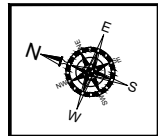
LOA NO. HCC/ 246/ ENGG-07/ PT-21/ 2022-23/ LOA Dated 21. 10. 2022 SAP PO number: XXXXXXXX

OWNER / CLIENT
INDIAN OIL CORPORATION LIMITED
Indian Oil Bhawan, G-9, Ali Yavar Jung Marg, Bandra East, Mumbai- 400051

PROJECT
EPCM FOR BITUMEN HANDLING FACILITY, MATHURA

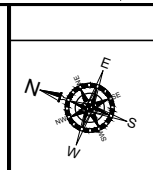
SUBJECT
ARCHITECTURAL SECTIONS & ELEVATIONS OF CONTROL CUM PACKAGE AIR CONDITIONING ROOM FOR AUGMENTATION/REVAMPING AT EXISTING BITUMEN DRUM FILLING PLANT - MATHURA

TRACTEBEL		Size	Scale	Sheet	Rev.
TRACTEBEL Engineering pvt. ltd.		A1	1:75,50,25	1 OF 1	0
Project No.		Discipline Code	System Code	Serial No.	
P.020785		G	21029	C202	

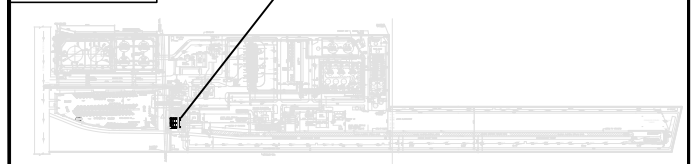


P.020785-G-21029-C206

GROUND FLOOR PLAN
(SCALE 1:60)



KEY PLAN



NOTES

- ALL DIMENSIONS ARE IN MILLIMETERS CO-ORDINATES AND LEVELS ARE IN METERS UNLESS NOTED OTHERWISE.
- DO NOT MEASURE DIMENSIONS ON THE DRAWING. ONLY WRITTEN DIMENSION SHOULD BE FOLLOWED.
- R.L. FOR TOP LEVEL OF CONNECTING EXISTING ROAD E.L.(+186.611 FOR THIS BUILDING. HOWEVER PRIOR START TO WORK CONTRACTOR SHALL REVALIDATE TO MATCH WITH EXISTING R.T.L. AND REPORT TO DESIGN OFFICE FOR ANY DISCREPANCY.
- B/W AND PLASTERING SHALL BE AS PER SPECIFICATION AND DESIGN BASIS DOCUMENT.
 - 18MM CEMENT PLASTER IN 2 COATS UNDER LAYER 12MM THICK CEMENT PLASTER 1:5 (1 CEMENT: 5 COARSE SAND) FINISHED WITH A TOP LAYER 6MM THICK CEMENT PLASTER 1:6 (1 CEMENT: 6 FINE SAND)
 - 6MM THK. IN 1:3 CEMENT MORTAR FOR ALL RCC CEILING, BEAM ETC. HOWEVER IF THE UNDULATION IN CEILING IS BEYOND 6MM THK. PLASTER, EXTRA THICKNESS OF PLASTER SHALL BE APPLIED.
 - ALL BRICK WALL OF REQUIRED THICKNESS SHALL COMMON BURNT CLAY F.P.S (NON MODULAR) BRICKS OF CLASS DESIGNATION 7.5 WITH 1:6 C/S MORTAR AS PER THE TENDER SPECIFICATION AND PO LINE ITEMS.
- ALL CHAJJAS, CANOPIES AND GUTTER PROJECTION SHALL HAVE DRIP MOULD GROOVES UNDERNEATH ALL ALONG PERIPHERY.
- ALL THE BRICK/STONE MASONRY AND RCC JOINTS SHALL BE PROVIDED WITH 150mm WIDE GAUGE CHICKEN WIRE MESH STRETCHED TIGHT AND FIXED WITH G.I. 'U' TYPE NAILS BEFORE PLASTERING.
- COLOR SCHEME OF BUILDING SHALL BE DECIDED IN CONSULTATION WITH CUSTOMER/CONSULTANT REPRESENTATIVE.
- FLOOR SHALL BE LAID ONLY AFTER CONSTRUCTION OF THE UNDERGROUND FACILITIES INSIDE THE BUILDING.
- PRE CONSTRUCTIONAL ANTI TERMITE TREATMENT AS PER IS:8313 SHALL BE PROVIDED AROUND THE COLUMN PITS, WALL TRENCHES, TOP SURFACE OF PLINTH FILLING JUNCTION OF WALL AND FLOOR ALONG EXTERNAL PERIMETER OF BUILDING, EXPANSION JOINTS SURROUNDING OF PIPES AND CONDUITS ETC.
- FOR LOCATION AND ORIENTATION OF THIS BUILDING REFER RELEVANT PLOT PLAN.
- * MARKED LEVELS MAY CHANGE SLIGHTLY AS PER ACTUAL SITE CONDITION.
- STORE SHELF SHOWN ARE TENTATIVE ONLY. SAME ANY CHANGE AS PER THE SITE REQUIREMENT.
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ARCHITECTURAL DRAWING _P.020785-G-21029-C205 & P.020785-G-21029-C206



LEGEND

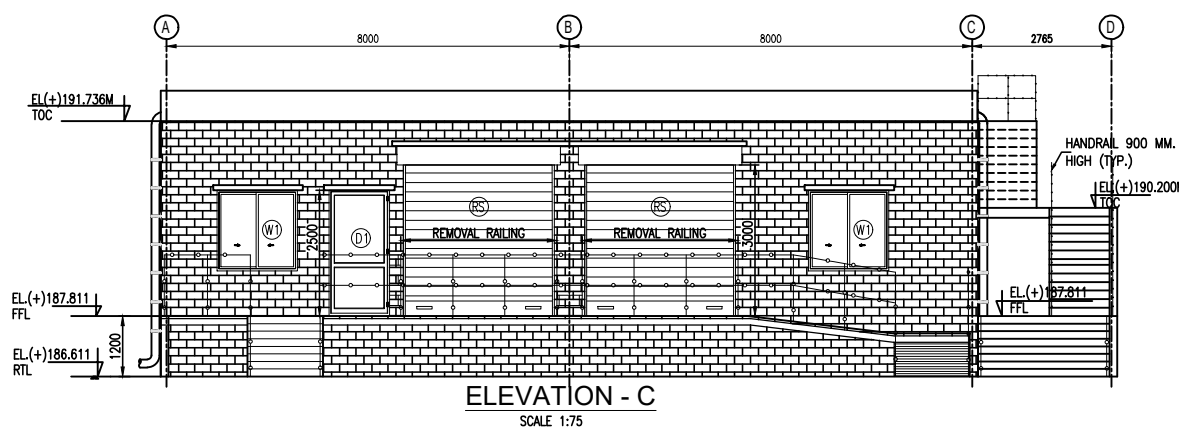
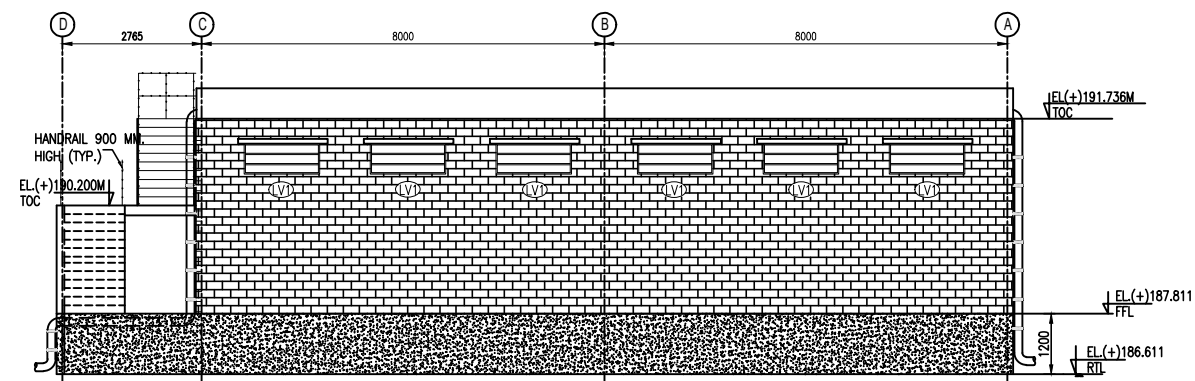
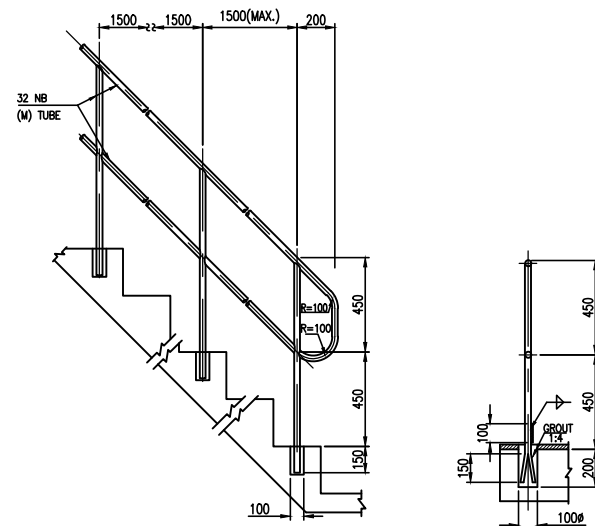
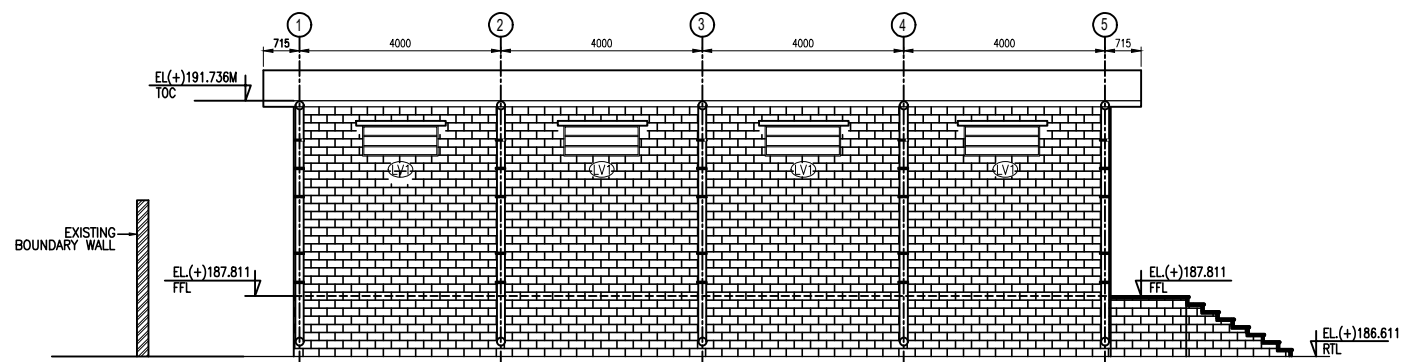
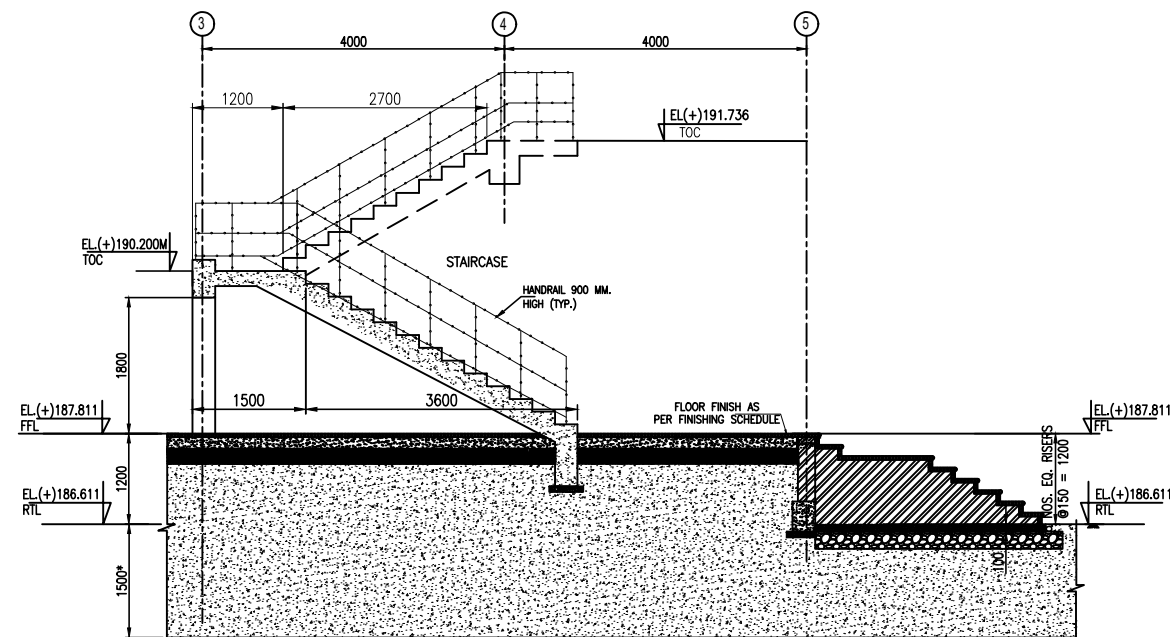
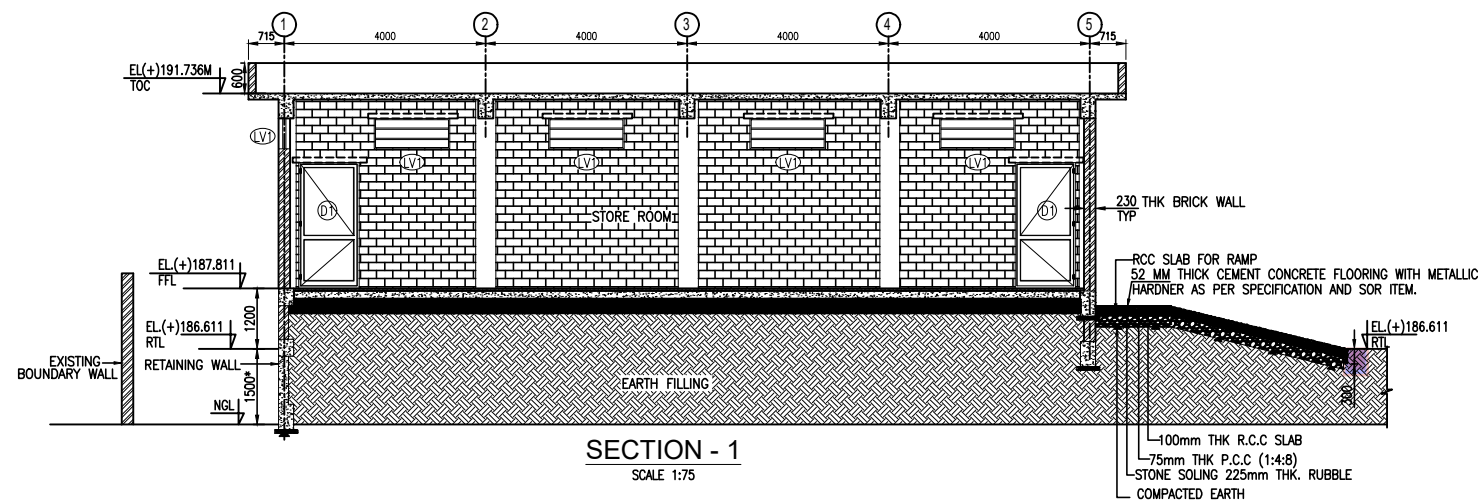
- FGL - FINISHED GROUND LEVEL
FFL - FINISHED FLOOR LEVEL
EL - ELEVATION LEVEL
TYP - TYPICAL
THK - THICKNESS
TOC - TOP OF CONCRETE
TOS - TOP OF SLAB
BOL - BOTTOM OF LINTEL
EX.TOP - EXISTING TOP OF PAVING
LV - LOUVERS

REFERENCE DRAWING

S. NO.	DRAWING TITLE	DRAWING NO.
1.	PLOT PLAN_BDF PLANT-MATHURA	P.020785-G-21095-P201
2.	ARCHITECTURAL PLAN, SECTIONAL DETAILS & FINISHING SCHEDULE	P.020785-G-21029-C205
3.	ARCHITECTURAL ELEVATION, SECTIONS & DOOR WINDOW SCHEDULE	P.020785-G-21029-C206

APPROVED FOR CONSTRUCTION

0	25.09.2025	APPROVED FOR CONSTRUCTION		ANK	HCP	RND	KNS	
Rev.	D M Y	Modifications		Drawn	Checked	Validated	Approved	
LOA NO. HCC/ 246/ ENGG- 07/ PT-21/ 2022- 23/ LOA Dated 21. 10. 2022				SAP PO number: XXXXXXXX				
OWNER / CLIENT		<div>INDIAN OIL CORPORATION LIMITED Indian Oil Bhawan, G-9, Ali Yavar Jung Marg, Bandra East, Mumbai- 400051</div>						
PROJECT		EPCM FOR BITUMEN HANDLING FACILITY,MATHURA						
SUBJECT		ARCHITECTURAL PLAN OF STORE BUILDING FOR AUGMENTATION / REVAMPING AT EXISTING BITUMEN DRUM FILLING PLANT - MATHURA						
<div> TRACTEBEL Engineering pvt. ltd.</div>			Size	Scale	Sheet	Rev.		
			A1	1:60,50	1	OF	1	0
			Project No.	Discipline Code	System Code	Serial No.		
			P.020785	G	21029	C204		



DOOR/WINDOW SCHEDULE

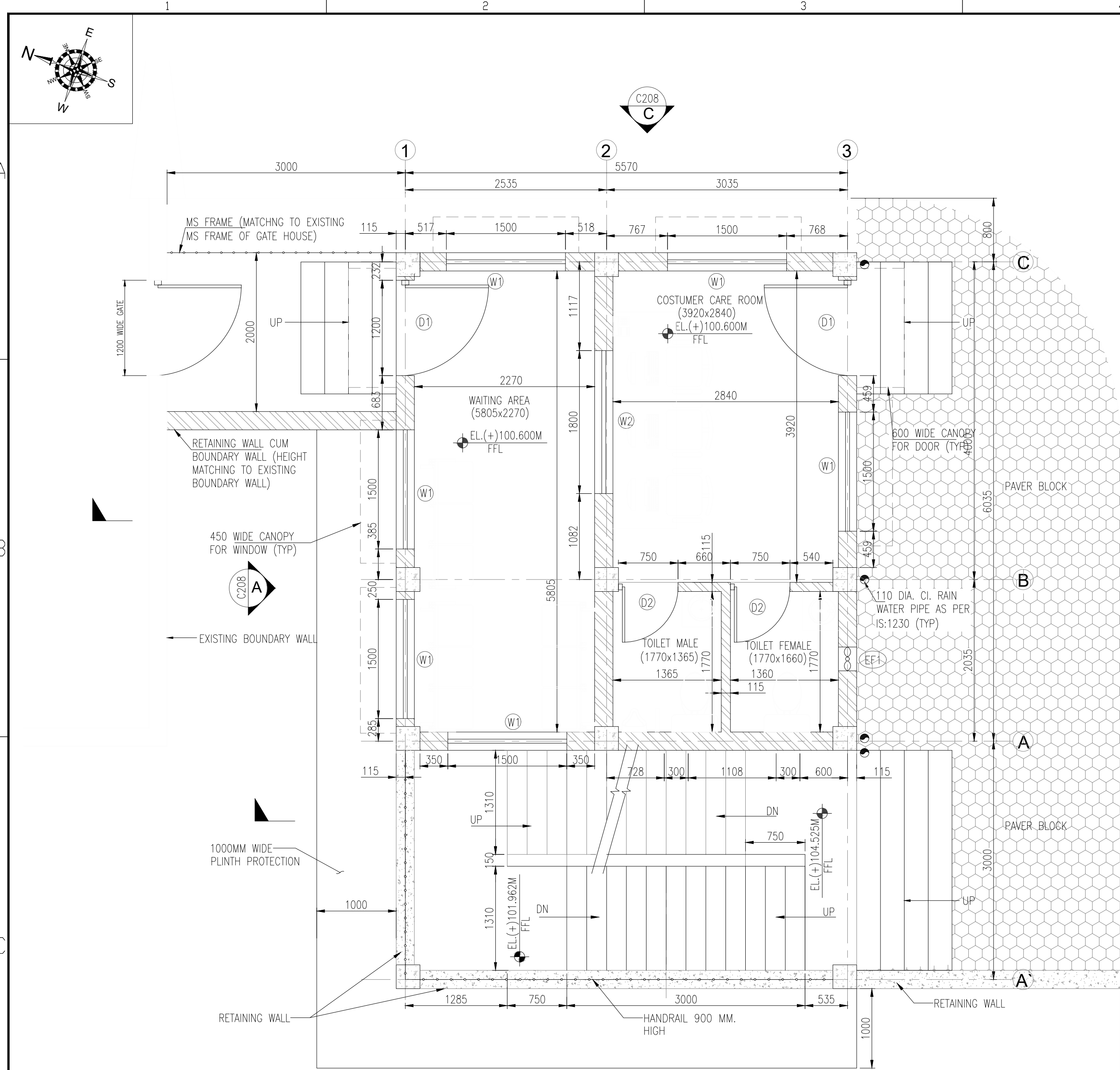
S.NO.	MASONRY OPENING SIZE(mm x mm)	SILL LEVEL	LINTEL LEVEL	QTY.	DESCRIPTION	ELEVATION
DOOR D1	1200X2500	FFL	2500	03	POWDER COATED ALUMINIUM (POWER COATED TRANSPARENT OR DYED REQUIRED SHADE ACCORDING TO IS:1868, MINIMUM ANODIC OF GRADE AC15) ALUMINIUM FRAME WITH HALF GLAZED AND HALF 12MM THICK PRELAMINATED PARTICLE BOARD SINGLE LEAF'S DOOR SHUTTER.	
LOUVERS LV1	1500X600	BOTTOM OF FLOOR BEAM		14	POWDER COATED ALUMINIUM LOUVERED WINDOWS / VENTILATOR OF VARIOUS SIZES WITH MS GRILL (FOR DETAILS REFER SPECIFICATION)	
WINDOW W1	1600X1600	900	2500	02	POWDER COATED ALUMINIUM FRAME WITH SLIDING GLASS PANEL	
ROLLING SHUTTER RS1	3000X3000	FFL	3000	02	ROLLING SHUTTER AS PER SPECIFICATION	

NOTES

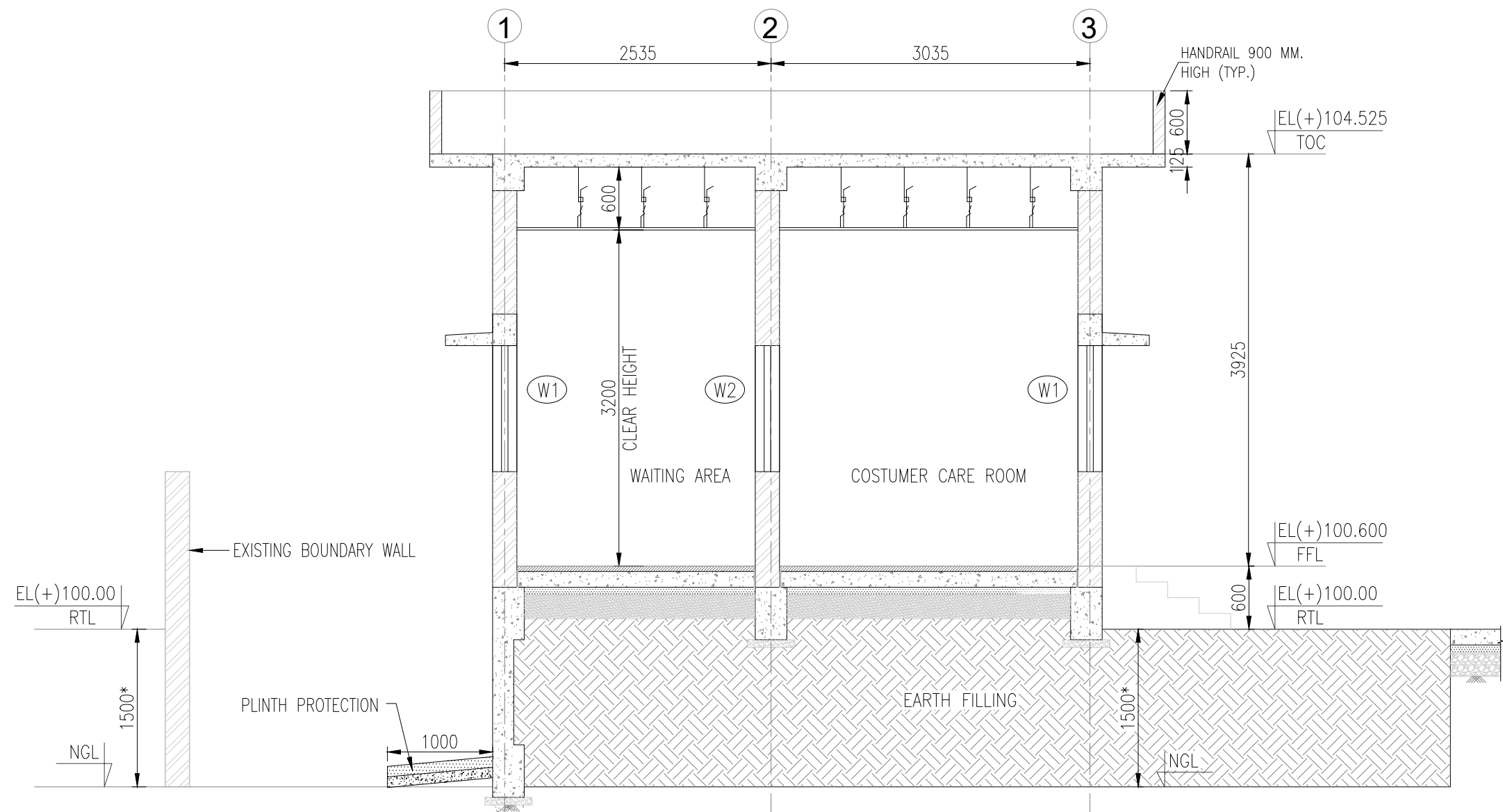
- ALL DIMENSIONS ARE IN MILLIMETERS CO-ORDINATES AND LEVELS ARE IN METERS UNLESS NOTED OTHERWISE.
- DO NOT MEASURE DIMENSIONS ON THE DRAWING. ONLY WRITTEN DIMENSION SHOULD BE FOLLOWED.
- FOR OTHER NOTES, LEGENDS & REFERENCE REFER SHEET NO:-P.020785-G-21029-C206.
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ARCHITECTURAL DRAWING _P.020785-G-21029-C204 & P.020785-G-21029-C205

APPROVED FOR CONSTRUCTION

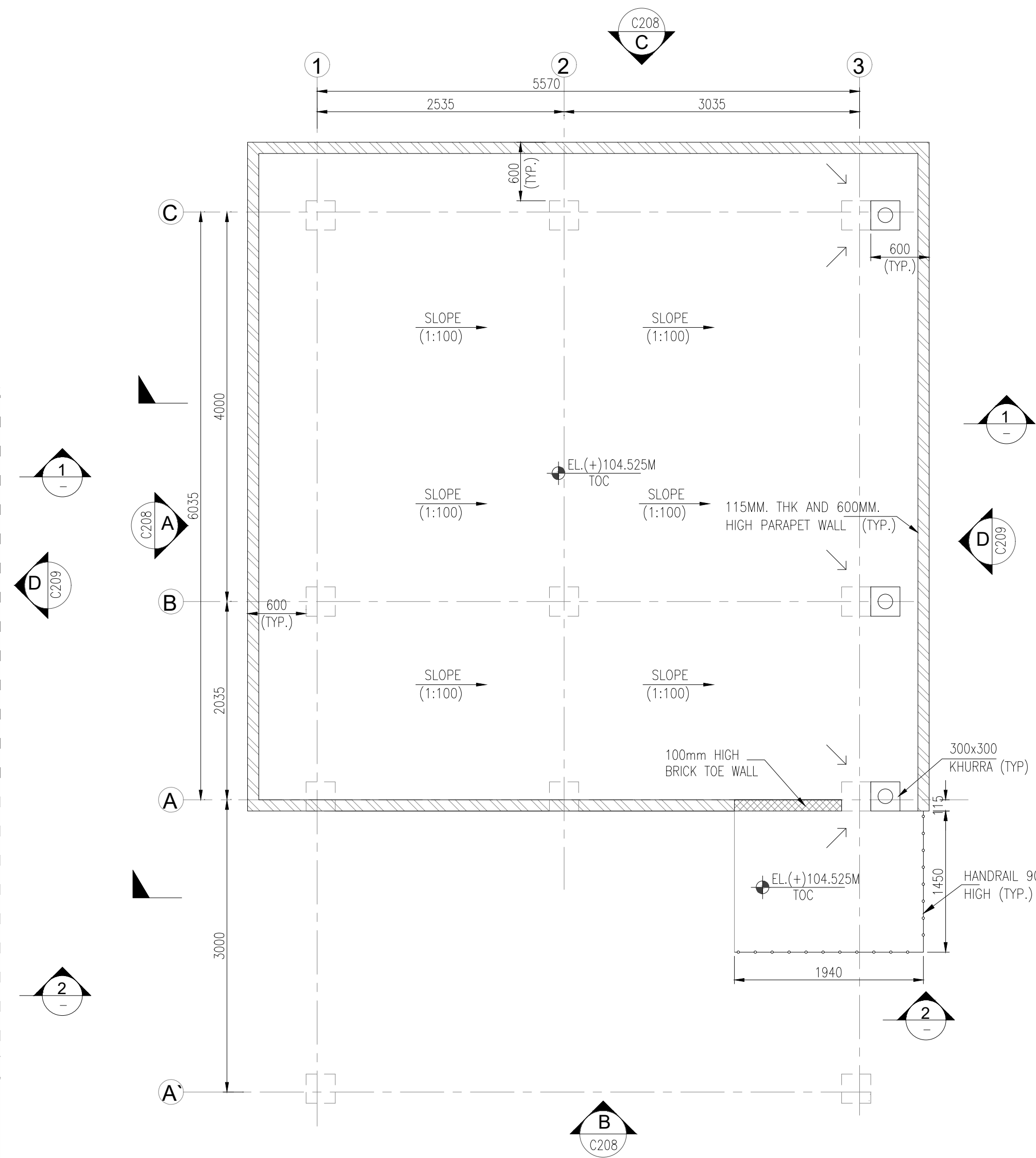
0	25.09.2025	APPROVED FOR CONSTRUCTION	ANK	HCP	RND	KNS	
Rev.	D	M	Y	Drawn	Checked	Validated	Approved
LOA NO. HCC/ 246/ ENGG- 07/ PT-21/ 2022- 23/ LOA Dated 21. 10. 2022			SAP PO number: XXXXXXXX				
OWNER / CLIENT			INDIAN OIL CORPORATION LIMITED Indian Oil Bhawan, G-9, Ali Yavar Jung Marg, Bandra East, Mumbai- 400051				
PROJECT			EPCM FOR BITUMEN HANDLING FACILITY, MATHURA				
SUBJECT			ARCHITECTURAL ELEVATION , SECTIONS & DOOR WINDOW SCHEDULE OF STORE BUILDING FOR AUGMENTATION / REVAMPING AT EXISTING BITUMEN DRUM FILLING PLANT - MATHURA				
TRACTEBEL			Size Scale Sheet Rev.				
Project No.			Discipline Code		System Code		
P.020785			G		21029		
TRACTEBEL Engineering pvt. Ltd.			OF 1		0		
			Serial No.		C206		



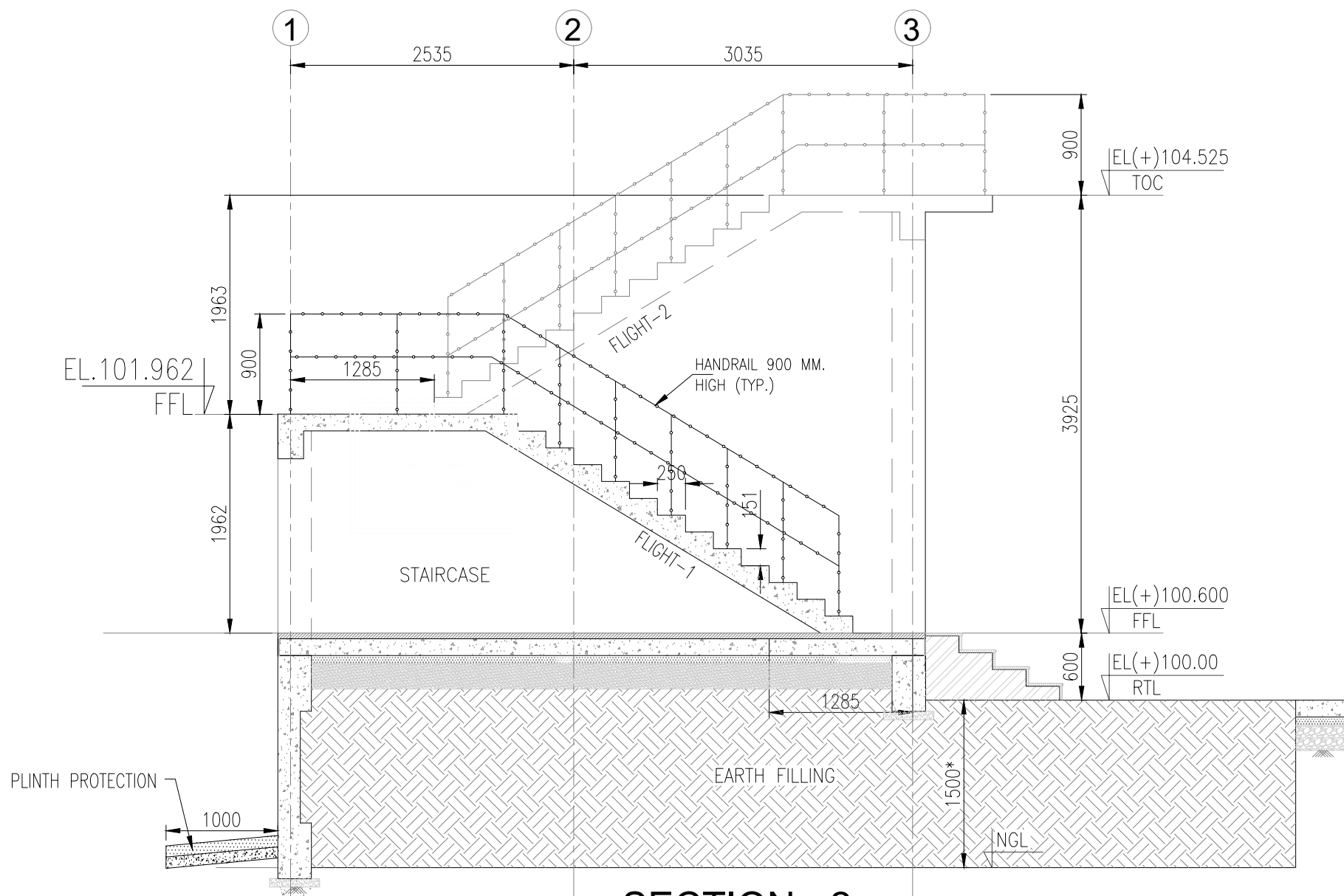
GROUND FLOOR PLAN
(SCALE 1:40)



SECTION - 1
SCALE 1:50



ROOF LEVEL PLAN
(SCALE 1:40)



SECTION - 2
SCALE 1:50

KEY PLAN

THIS AREA

NOTES

- ALL DIMENSIONS ARE IN MILLIMETERS CO-ORDINATES AND LEVELS ARE IN METERS UNLESS NOTED OTHERWISE.
- DO NOT MEASURE DIMENSIONS ON THE DRAWING, ONLY WRITTEN DIMENSION SHOULD BE FOLLOWED.
- R.L. FOR TOP LEVEL OF CONNECTING EXISTING ROAD ASSUMED E.L.(+100.000 FOR THIS BUILDING.
- B/W AND PLASTERING SHALL BE AS PER SPECIFICATION AND DESIGN BASIS DOCUMENT.
 - 18MM CEMENT PLASTER IN 2 COATS UNDER LAYER 12MM THICK CEMENT PLASTER 1:5 (1 CEMENT: 5 COARSE SAND) FINISHED WITH A TOP LAYER 6MM THICK CEMENT PLASTER 1:6 (1 CEMENT: 6 FINE SAND)
 - 6MM THK. IN 1:3 CEMENT MORTAR FOR ALL RCC CEILING, BEAM ETC. HOWEVER IF THE UNULATION IN CEILING IS BEYOND 6MM THK. PLASTER, EXTRA THICKNESS OF PLASTER SHALL BE APPLIED.
 - ALL BRICK WALL OF REQUIRED THICKNESS SHALL COMMON BURNT CLAY F.P.S (NON MODULAR) BRICKS OF CLASS DESIGNATION 7.5 WITH 1:6 c/s MORTAR AS PER THE TENDER SPECIFICATION AND PO LINE ITEMS.
- ALL CHAJJAS, CANOPIES AND GUTTER PROJECTION SHALL HAVE DRIP MOULD GROOVES UNDERNEATH ALL ALONG PERIPHERY.
- ALL THE BRICK/STONE MASONRY AND RCC JOINTS SHALL BE PROVIDED WITH 150mm WIDE GAUGE CHICKEN WIRE MESH STRETCHED TIGHT AND FIXED WITH G.I. "U" TYPE NAILS BEFORE PLASTERING.
- COLOR SCHEME OF BUILDING SHALL BE DECIDED IN CONSULTATION WITH CUSTOMER/CONSULTANT REPRESENTATIVE.
- FLOOR SHALL BE LAID ONLY AFTER CONSTRUCTION OF THE UNDERGROUND FACILITIES INSIDE THE BUILDING.
- PRE CONSTRUCTIONAL ANTI TERMITE TREATMENT AS PER IS:6313 SHALL BE PROVIDED AROUND THE COLUMN PITS, WALL TRENCHES, TOP SURFACE OF PLINTH FILLING JUNCTION OF WALL AND FLOOR ALONG EXTERNAL PERIMETER OF BUILDING, EXPANSION JOINTS SURROUNDING OF PIPES AND CONDUITS ETC.
- FOR LOCATION AND ORIENTATION OF THIS BUILDING REFER RELEVANT PLOT PLAN.
- * MARKED LEVELS MAY CHANGE SLIGHTLY AS PER STRUCTURAL DESIGN.

LEGEND

RTL

NGL

FFL

EL

TYP

THK

TOC

TOS

BOL

EX.TOP

— ROAD TOP LEVEL

— NATURAL GROUND LEVEL

— FINISHED FLOOR LEVEL

— ELEVATION LEVEL

— TYPICAL

— THICKNESS

— TOP OF CONCRETE

— TOP OF SLAB

— BOTTOM OF LINTEL

— EXISTING TOP OF PAVING

REFERENCE DRAWING

S. NO.	DRAWING TITLE	DRAWING NO.
1.	PLOT PLAN_BDF PLANT-MATHURA	P.020785-G-21095-P201

APPROVED FOR CONSTRUCTION

0

15.04.2025

APPROVED FOR CONSTRUCTION

DSH

HCP

RND

KNS

Rev.

D

M

Y

Modifications

Drawn

Checked

Validated

Approved

LOA NO. HCC/ 246/ ENGG- 07/ PT-21/ 2022- 23/ LOA Dated 21. 10. 2022

SAP PO number: XXXXXXXX

OWNER / CLIENT

INDIAN OIL

INDIAN OIL CORPORATION LIMITED

Indian Oil Bhawan, G-9, Ali Yavar Jung Marg, Bandra East, Mumbai- 400051

PROJECT

EPCM FOR BITUMEN HANDLING FACILITY, MATHURA

SUBJECT

ARCHITECTURAL PLAN & SECTIONS OF
CUSTOMER CARE ROOM FOR AUGMENTATION / REVAMPING
AT EXISTING BITUMEN DRUM FILLING PLANT - MATHURA

TRACTEBEL

TRACTEBEL Engineering pvt. Ltd.

Size

Scale

Sheet

Rev.

A1

1:30.50

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OF

1

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Project No.

Discipline Code

System Code

Serial No.

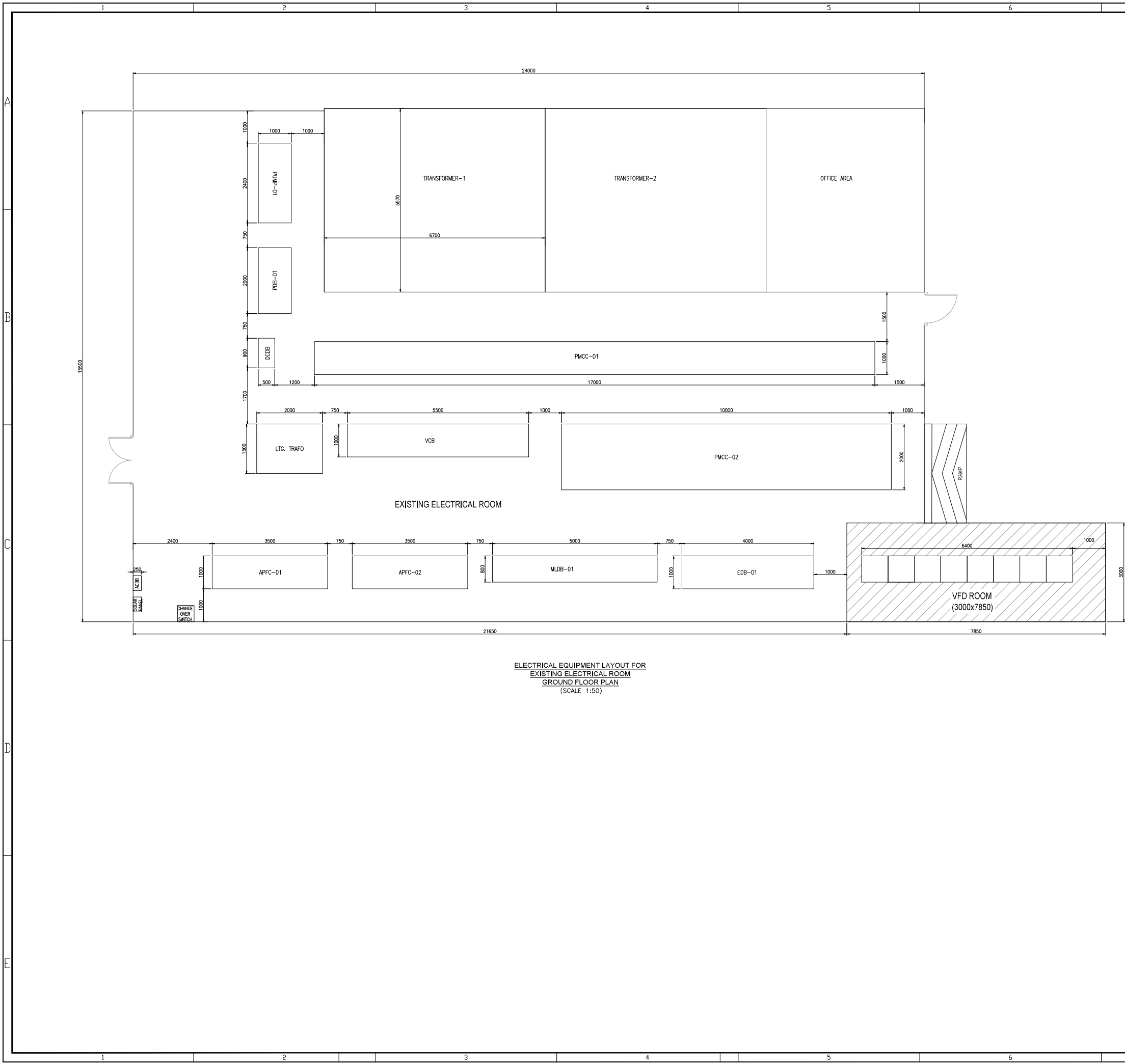
P.020785

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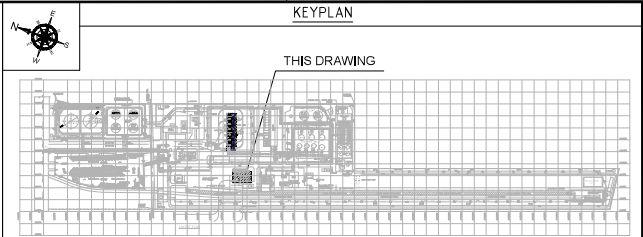
21029

C207

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ELECTRICAL EQUIPMENT LAYOUT FOR
EXISTING ELECTRICAL ROOM
GROUND FLOOR PLAN
(SCALE 1:50)



- NOTES
1. ALL DIMENSIONS ARE IN MM & ELEVATIONS ARE IN METER UNLESS, SPECIFIED OTHERWISE.
 2. THIS DRAWING SHALL BE REFERRED FOR ELECTRICAL EQUIPMENTS PLACEMENT ONLY.
 3. ARCHITECTURAL DETAILS ARE INDICATIVE. FOR ACTUAL DETAILS, REFER CORRESPONDING ARCHITECTURAL DRAWING.
 3. THE DIMENSION OF THE VENDOR EQUIPMENTS ARE TENTATIVE, WHICH SHALL BE MODIFIED AFTER RECIEPT OF ACTUAL INFORMATION.
 4. MOUNTING HEIGHT OF ALL WALL MOUNTED DB SHALL BE 1800MM UP FROM FFL OR AS PER THIS PROJECT'S PHILOSOPHY.
 5. ACID PROOF TILES SHALL BE USED FOR THE BATTERY ROOM FLOOR. AND ACID PROOF PAINTING SHALL BE DONE ON THE WALL OF THE BATTERY ROOM.
 6. CABLE ENTRY FOR ALL ONSHORE (5 ACRE PLOT) ELECTRICAL EQUIPMENT SHALL BE FROM BOTTOM ENTRY TYPE.

LEGEND

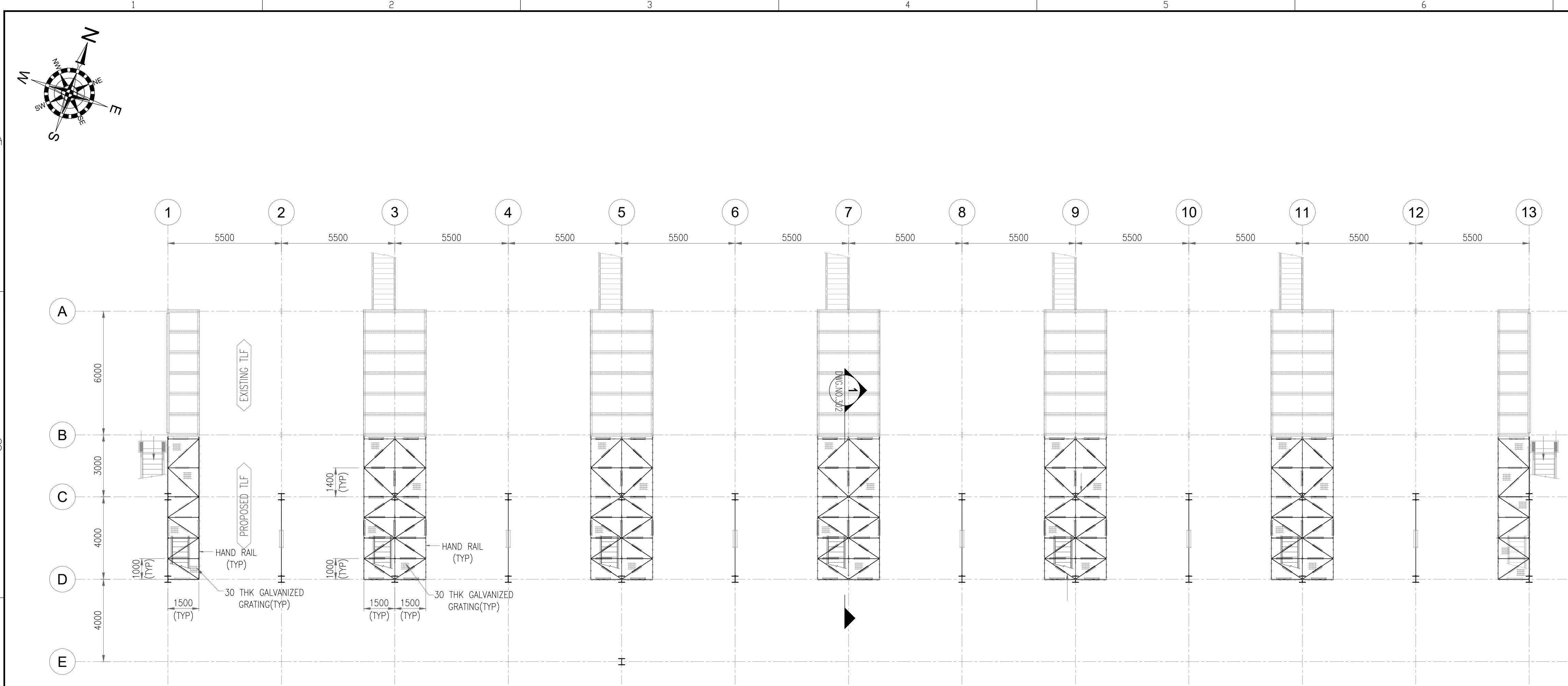
FFL.	FINISHED FLOOR LEVEL
FGL.	FINISHED GROUND LEVEL
BOB.	BOTTOM OF BEAM
TYP	TYPICAL
EL.	ELEVATION

REFERENCE DRAWINGS

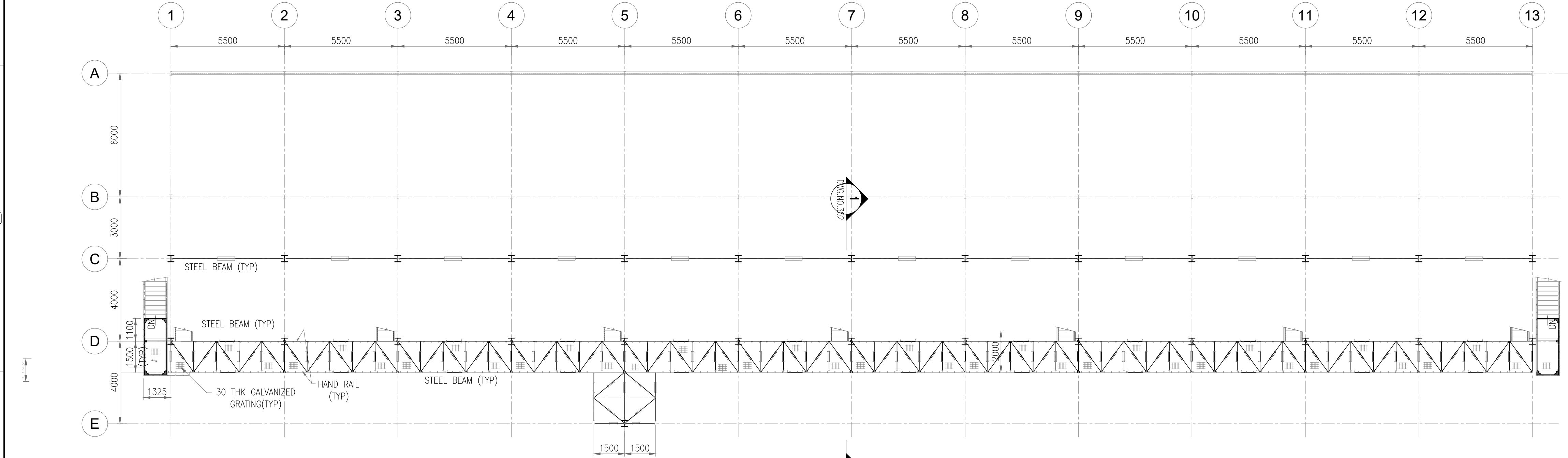
DRG. NO.	SUBJECT
P.020785-G-21095-P201	PLOT PLAN FOR BDF PLANT-MATHURA 3
P.020785-G-21098-E213	OVERALL SINGLE LINE DIAGRAM

ISSUED FOR APPROVAL

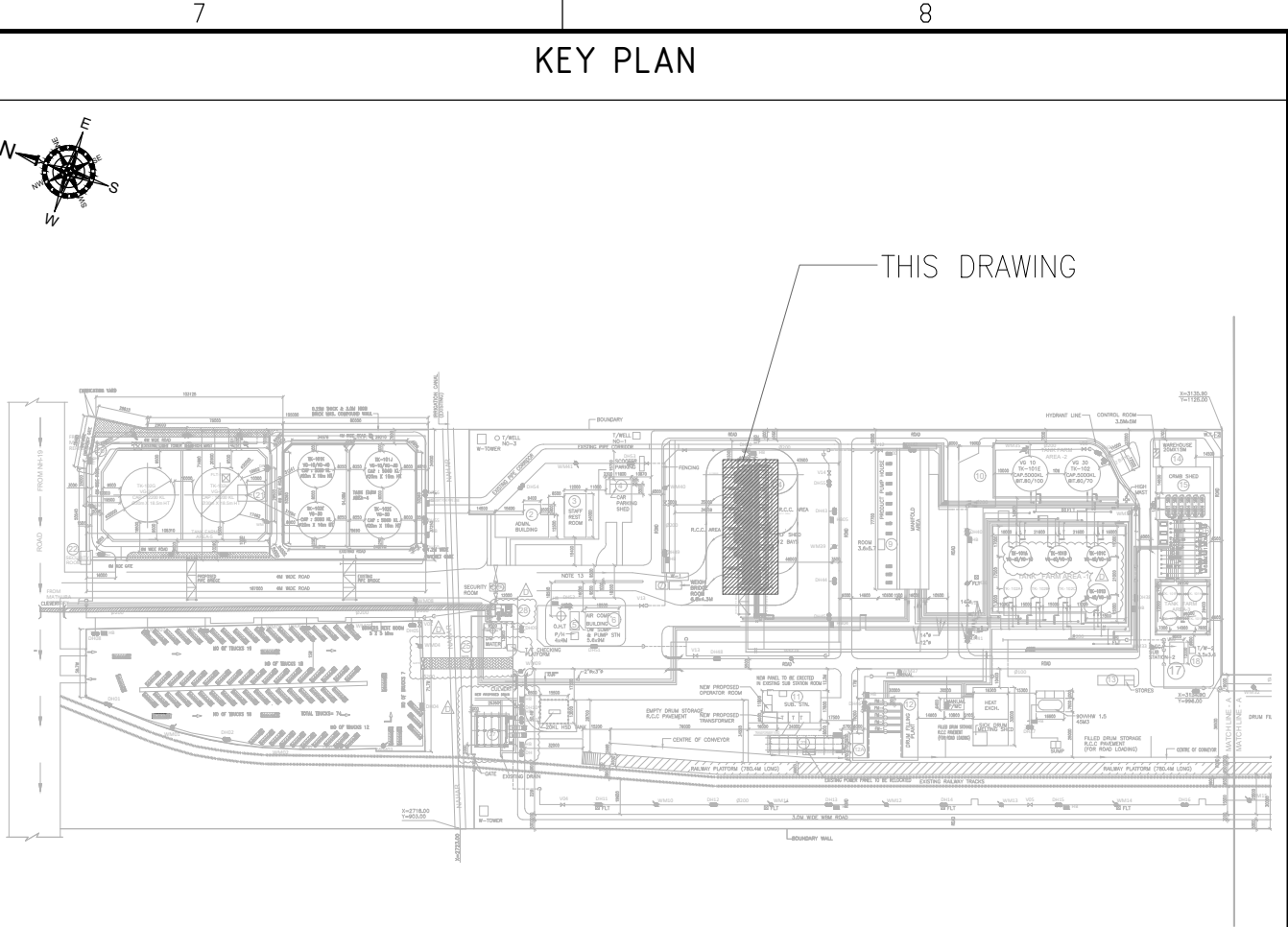
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PLAN AT EL. 103.350M TOS
(SCALE 1:125)



PLAN AT EL. 104.300M TOS
(SCALE 1:125)



- NOTES
- ALL DIMENSIONS ARE IN MILLIMETERS; LEVELS ARE IN METERS.
 - FOLLOW WRITTEN DIMENSIONS ONLY, DO NOT SCALE THE DRAWING.
 - ALL WORKS SHALL BE CARRIED OUT AS PER TECHNICAL SPECIFICATION AND CONTRACT CONDITIONS, ANY DIFFERENCES SHALL BE BROUGHT TO THE NOTICE OF ENGINEER-IN-CHARGE / DESIGN OFFICE.
 - ALL MATERIALS SHALL CONFIRM TO ITEM SPECIFIED IN SCHEDULE OF RATE AND OF APPROVED BRAND AND MANUFACTURE.
 - THE EL(+100) CORRESPONDING TO HIGHEST TOP OF EXISTING (EXTOP)/RCC DRIVEWAY
 - COLOUR SCHEME OF SHED SHALL BE DECIDED IN CONSULTATION WITH CUSTOMER/CONSULTANT REPRESENTATIVE.
 - CO-ORDINATES SHALL BE VERIFIED AS PER LAYOUT PLAN AT SITE BEFORE CONSTRUCTION.
 - BRACING PATTERN & LOCATION ARE INDICATIVE ONLY & WILL BE FINALIZED IN DETAIL ENGINEERING DRAWING.
 - STRUCTURAL STEEL PAINTING SHALL BE AS PER SCHEDULE OF ITEMS.
 - THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ARCHITECTURAL DRAWING - P.020785-G-21029-C302.

LEGENDS

EL	- ELEVATION LEVEL	CL	- CENTER LINE
FGL	- FINISHED GROUND LEVEL	TOS	- TOP OF STEEL
TYP	- TYPICAL	EXTOP	- EXISTING TOP OF PAVING
THK	- THICKNESS		
NOS	- NUMBERS		

REFERENCE DRAWING

S. NO.	DRAWING TITLE	DRAWING NO.
1.	PLOT PLAN	P.020785-G-21095-P201
2.	EQUIPMENT LAYOUT DRAWING TANK LORRY FILLING (TLF) AREA	P.020785-G-21049-P201
3.	ARCHITECTURAL ELEVATION & SECTION OF TLD SHED	P.020785-G-21029-C302
4.	STRUCTURAL PLAN DRAWING OF TLD SHED	P.020785-G-21030-C303 TO 309

ISSUED FOR CONSTRUCTION

24.10.2025

0 24.10.2025 ISSUED FOR CONSTRUCTION

Rev. D M Y

LOA NO. HCC/ 246/ ENGG- 07/ PT-21/ 2022- 23/ LOA Dated 21. 10. 2022

OWNER / CLIENT

INDIAN OIL CORPORATION LIMITED

Indian Oil Bhawan, G-9, Ali Yavar Jung Marg, Bandra East, Mumbai- 400051

PROJECT

EPCM FOR BITUMEN HANDLING FACILITY,MATHURA

SUBJECT

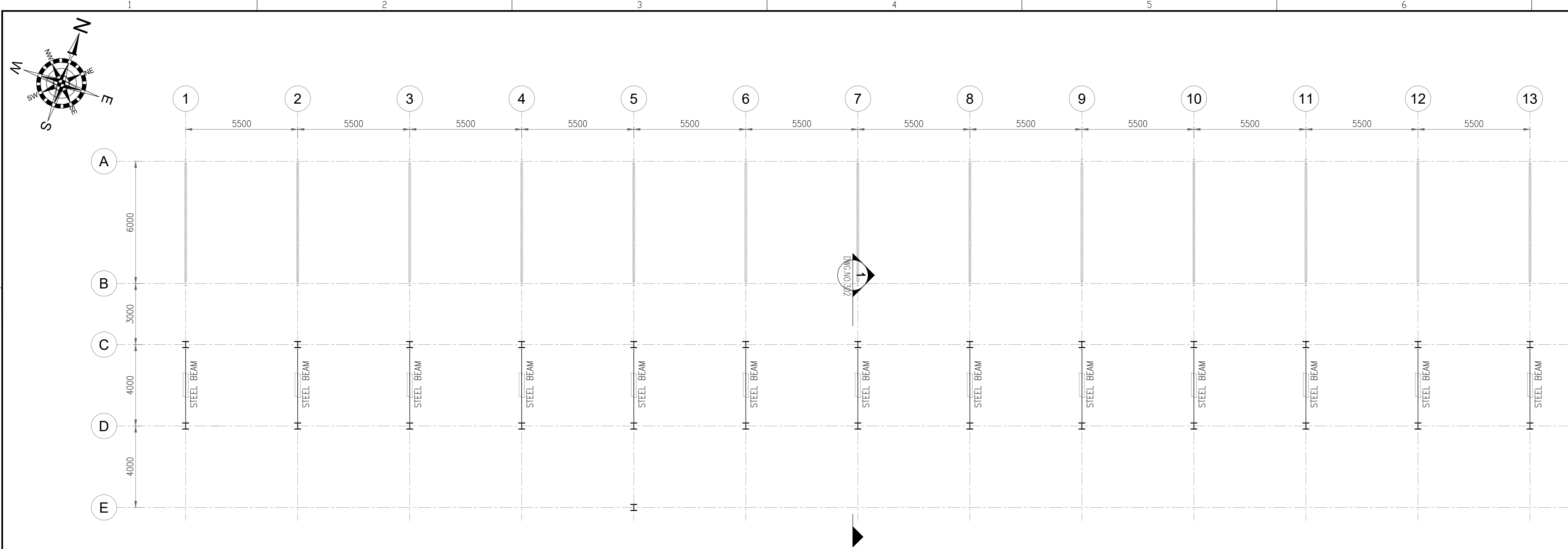
ARCHITECTURAL PLAN OF TLF SHED

Size Scale Sheet Rev.

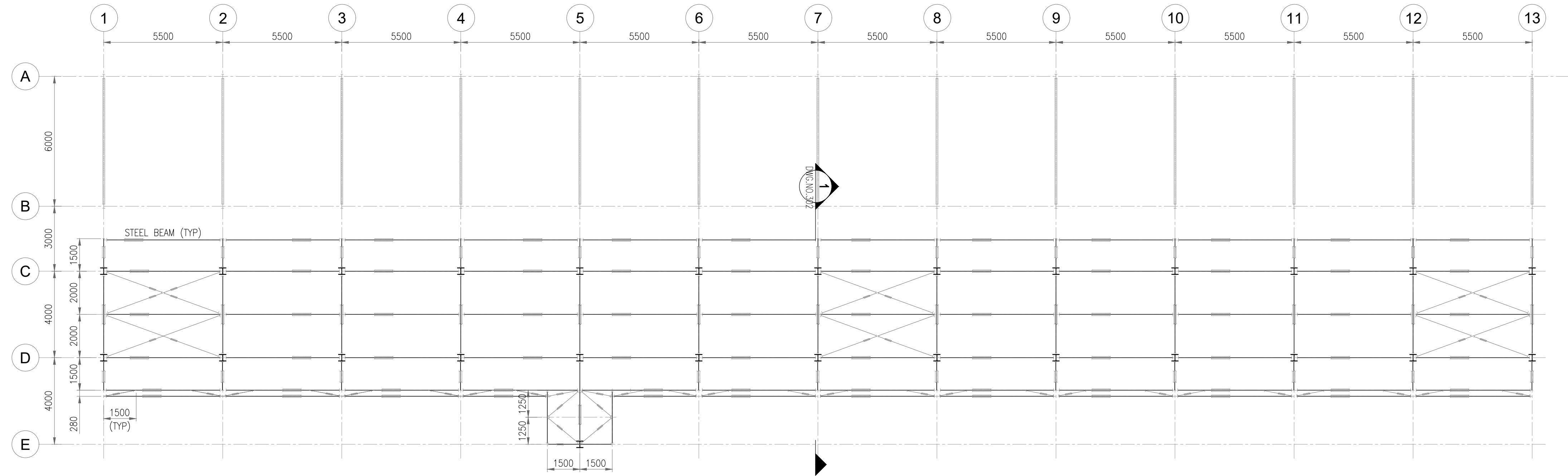
A1 1:125 1 OF 3 0

Project No. Discipline Code System Code Serial No.

TRACTEBEL Engineering pvt. ltd. P.020785 G 21029 C301



PLAN AT EL. 107.500M TOS
(SCALE 1:125)



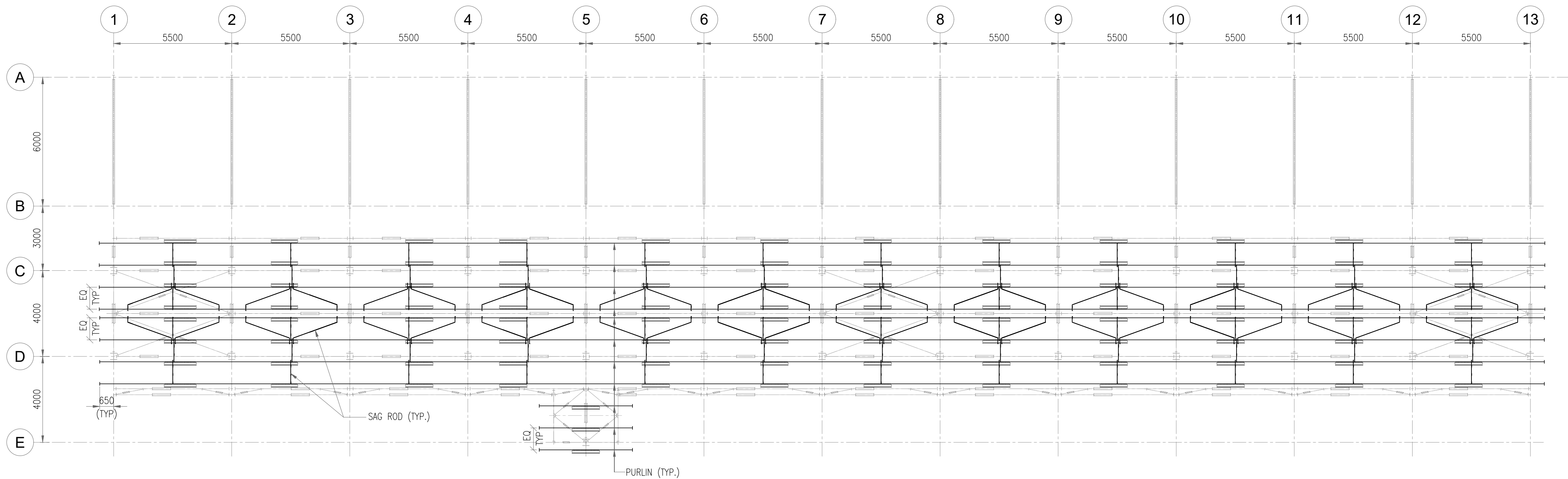
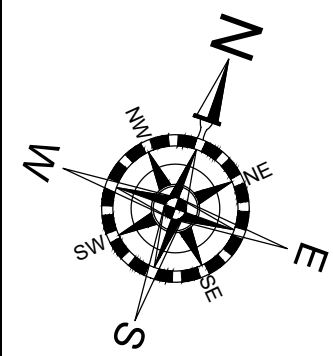
PLAN AT ROOF LEVEL
(SCALE 1:125)

GENERAL NOTES

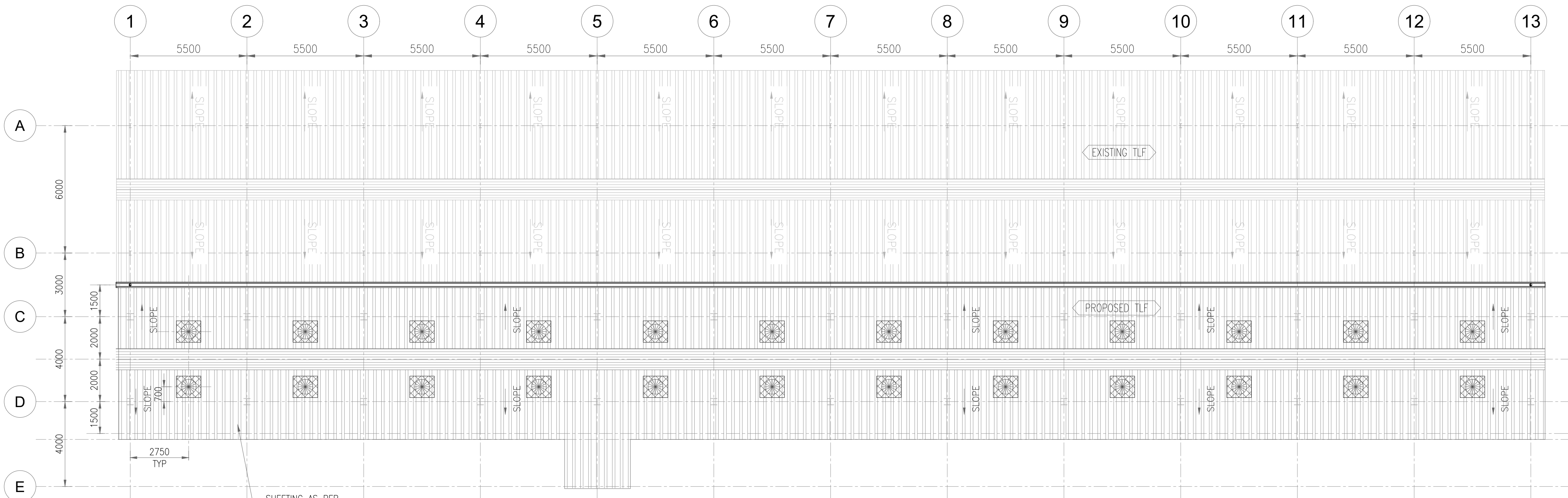
1. ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METERS UNLESS OTHERWISE NOTED.
2. FOR OTHER NOTES, LEGENDS & DRAWINGS REFERENCE REFER SHT. 1 OF 3

ISSUED FOR CONSTRUCTION

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PLAN AT PURLIN LEVEL
(SCALE 1:125)



SHEETING AS PER
FINISHING SCHEDULE
REFER DRG NO.- P.020785-G-21029-C302.

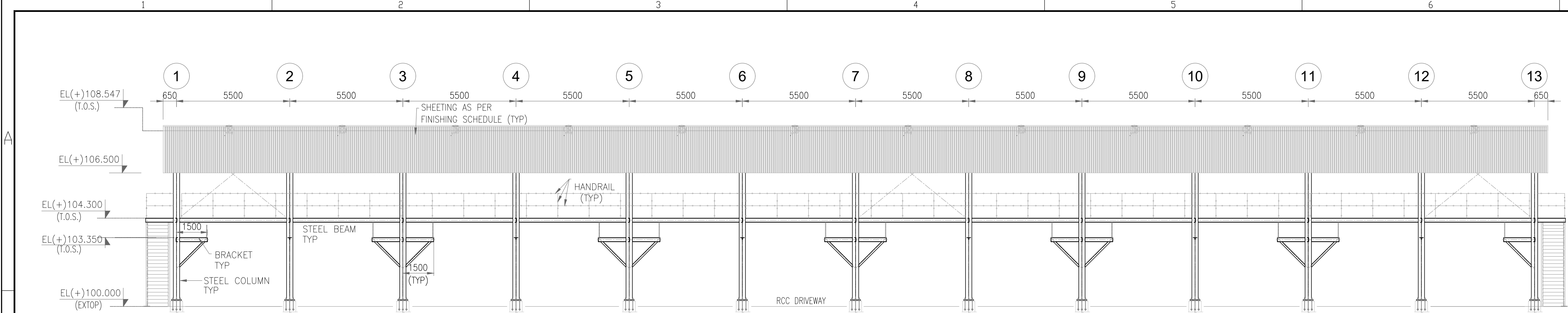
ROOF PLAN
(SCALE 1:125)

GENERAL NOTES

1. ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METERS UNLESS OTHERWISE NOTED.
2. FOR OTHER NOTES, LEGENDS & DRAWINGS REFERENCE REFER SHT. 1 OF 3

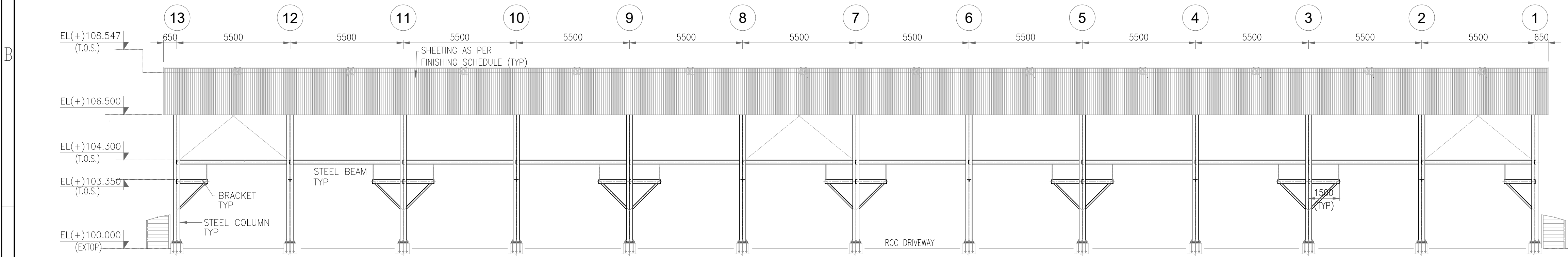
ISSUED FOR CONSTRUCTION

0	24.10.2025	ISSUED FOR CONSTRUCTION					ADI	HCP	RND	KNS		
Rev.	D	M	Y	Modifications					Drawn	Checked	Validated	Approved
LOA NO. HCC/ 246/ ENGG- 07/ PT-21/ 2022- 23/ LOA Dated 21. 10. 2022		SAP PO number: 28583896										
OWNER / CLIENT		INDIAN OIL CORPORATION LIMITED Indian Oil Bhawan, G-9, Ali Yavar Jung Marg, Bandra East, Mumbai- 400051										
PROJECT		EPCM FOR BITUMEN HANDLING FACILITY, MATHURA										
SUBJECT		ARCHITECTURAL PLAN OF TLF SHED										
<div>TRACTEBEL</div> <div>ENGIE</div> <div>TRACTEBEL Engineering pvt. Ltd.</div>		Size	Scale	Sheet				Rev.				
		A1	1:125	3	OF	3	0	Serial No.				
		P.020785	G	21029		C301						



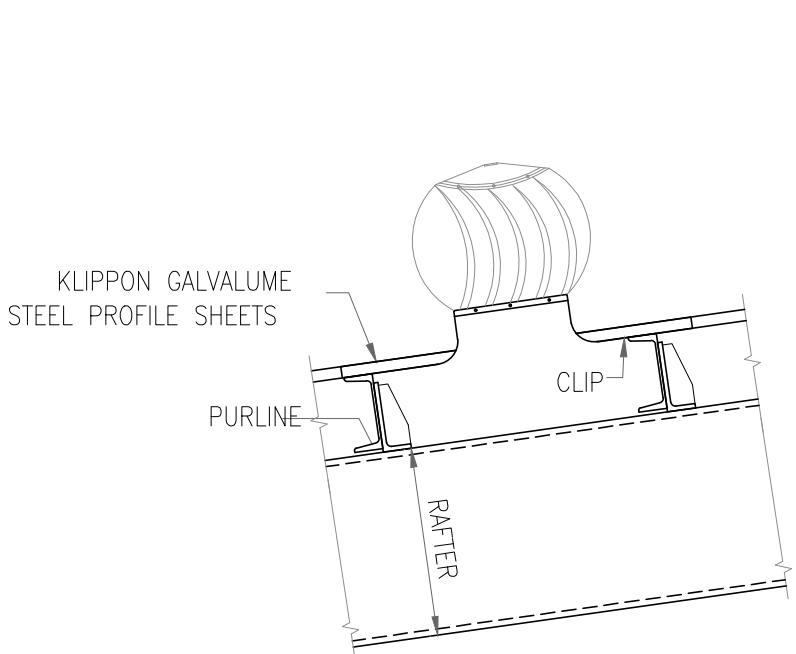
ELEVATION ALONG GRID - D

(SCALE 1:125)



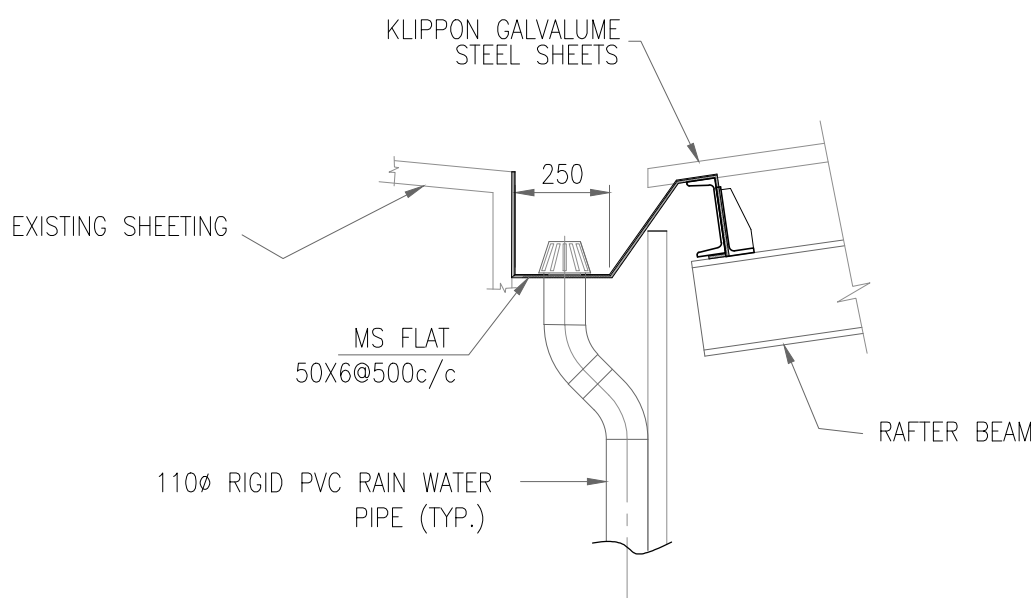
ELEVATION ALONG GRID - C

(SCALE 1:125)



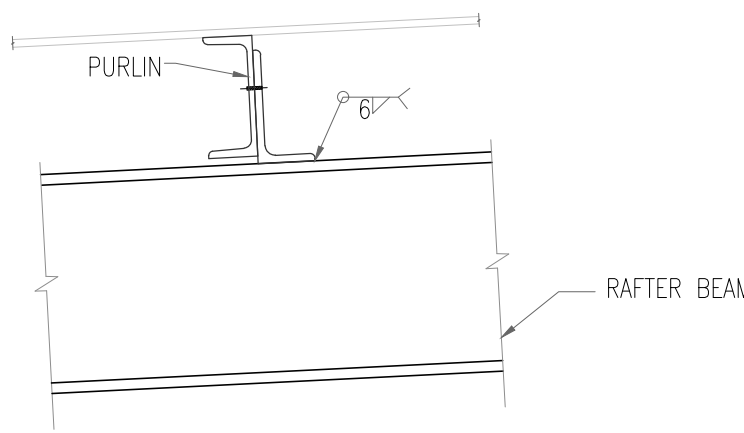
TURBO-VENT DETAIL

SCALE (1:20)



TYP GUTTER DETAIL

SCALE (1:20)



TYPICAL DETAIL OF PURLIN

(SCALE 1:10)



FINISHING SCHEDULE

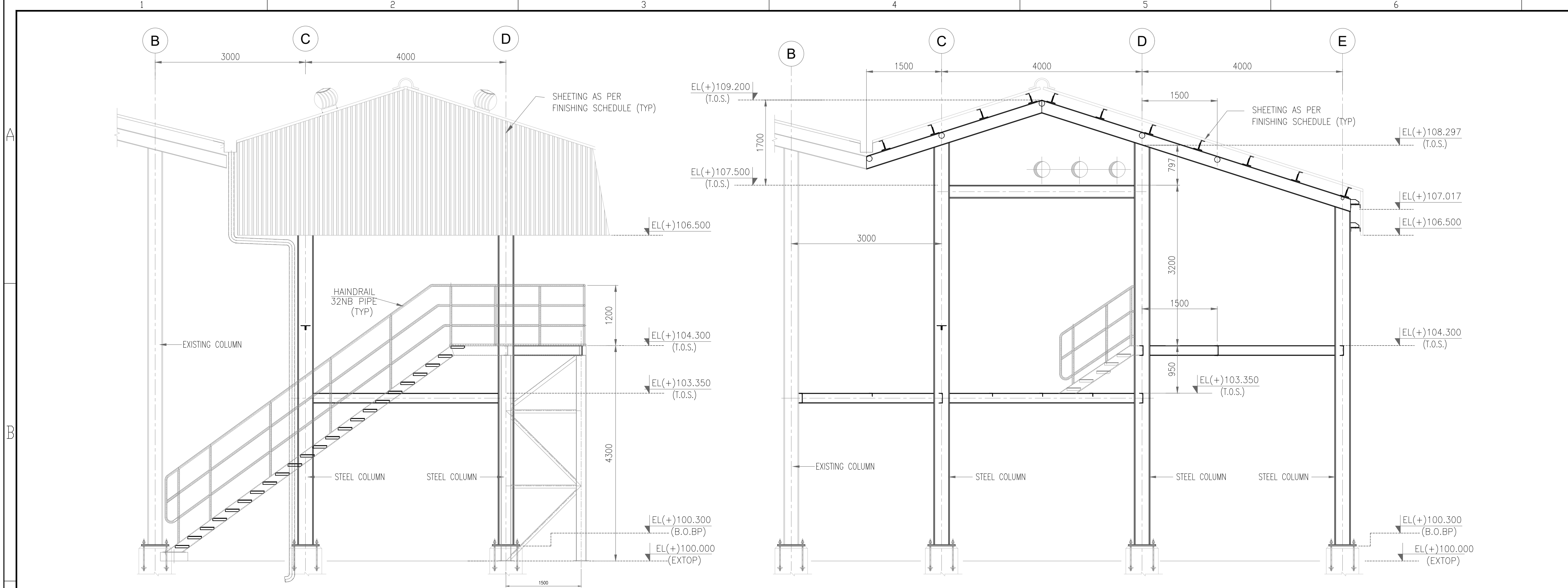
ROOM	ROOF	PLAIN SHEET FOR RIDGES, FLASHINGS, GUTTER	STRUCTURAL STEEL PAINT
TLF SHED	KLIPPON GALVALUME CORRUGATED STEEL PROFILE SHEETS OF COLD ROLLED STEEL CONFIRMING TO IS:513-2008 OF BASE METAL THICKNESS 0.50 MM, HAVING YIELD STRESS OF MIN. 275 MPA. TOTAL COATED THICKNESS (TCT) SHALL BE 0.58 MM. SHEET SHALL HAVE PROTECTIVE GUARD FILM OF THICKNESS OF 25 MICRONS MINIMUM	PLAIN SHEET SAME AS SHEETING MATERIAL EXCEPT THE CORRUGATIONS	PAINTING STEEL WORK WITH DELUXE MULTY SURFACE PAINT APPLIED @ 0.90 LTR/10 SQM. OVER AN UNDER COAT- OF PRIMER APPLIED @ 0.80LTR/10 SQM

NOTES

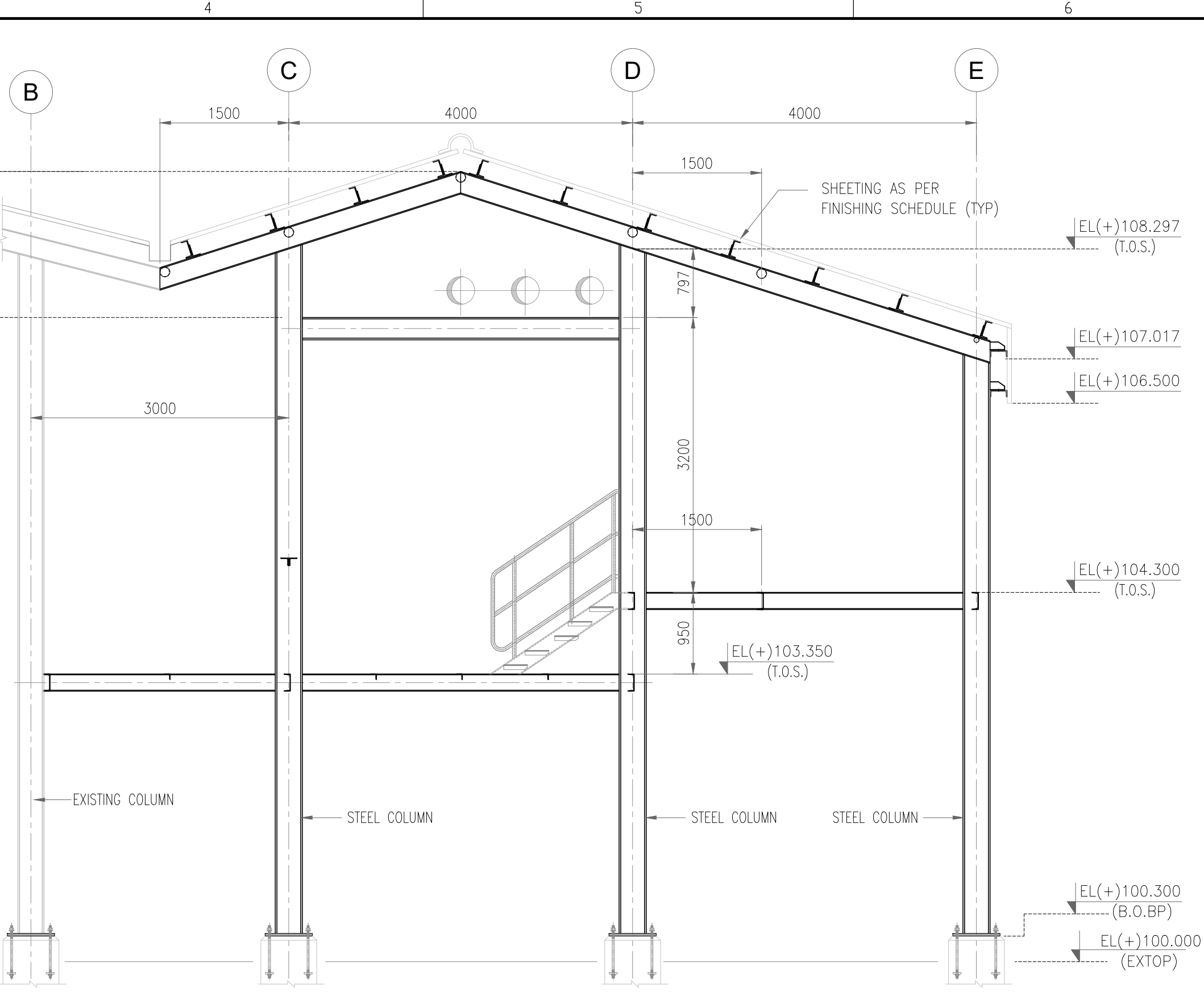
- ALL DIMENSIONS ARE IN MILLIMETRES, LEVELS & CO-ORDINATES ARE IN METERS.
- FOLLOW WRITTEN DIMENSIONS ONLY. DO NOT SCALE THE DRAWING.
- FOR ALL OTHER NOTES, LEGENDS AND REFERENCE DRAWINGS REFER DRAWING NO.- P.020785-G-21029-C301 (SHEET 1 OF 3)
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ARCHITECTURAL DRAWING - P.020785-G-21029-C301.

ISSUED FOR CONSTRUCTION

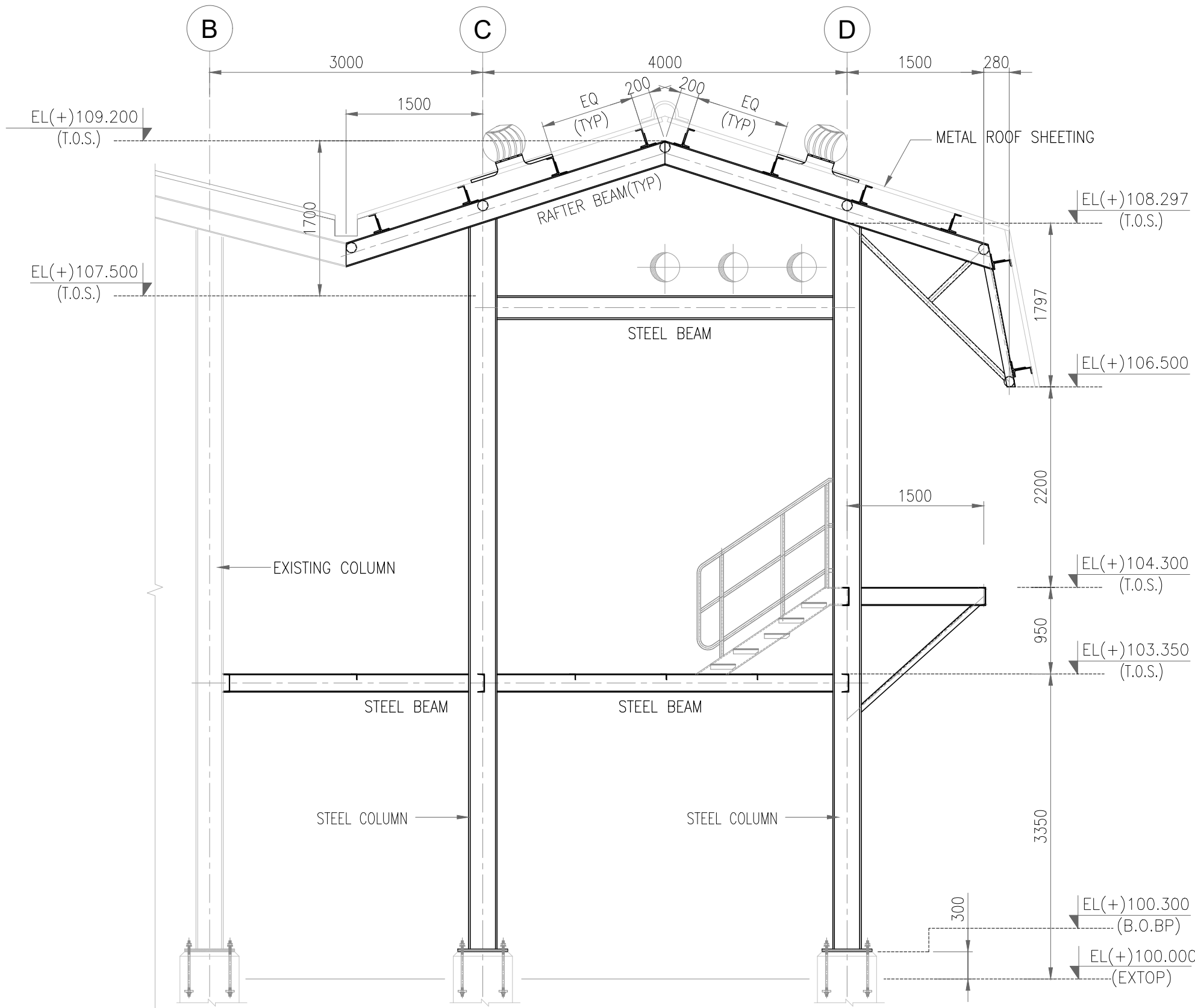
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Rev.	D M Y	Modifications				Drawn	Checked	Validated	Approved	
LOA NO. HCC/ 246/ ENGG- 07/ PT-21/ 2022- 23/ LOA Dated 21. 10. 2022						SAP PO number: XXXXXXXX				
OWNER / CLIENT		<div> INDIAN OIL CORPORATION LIMITED Indian Oil Bhawan, G-9, Ali Yavar Jung Marg, Bandra East, Mumbai- 400051</div>								
PROJECT		EPCM FOR BITUMEN HANDLING FACILITY,MATHURA								
SUBJECT		ARCHITECTURAL ELEVATIONS OF TLF SHED								
<div> TRACTEBEL Engineering pvt. Ltd.</div>						Size	Scale	Sheet	Rev.	
						A1	1:125, 1:20, 1:10	1	OF 2	0
						Project No.	Discipline Code	System Code	Serial No.	
						P.020785	G	21029	C302	



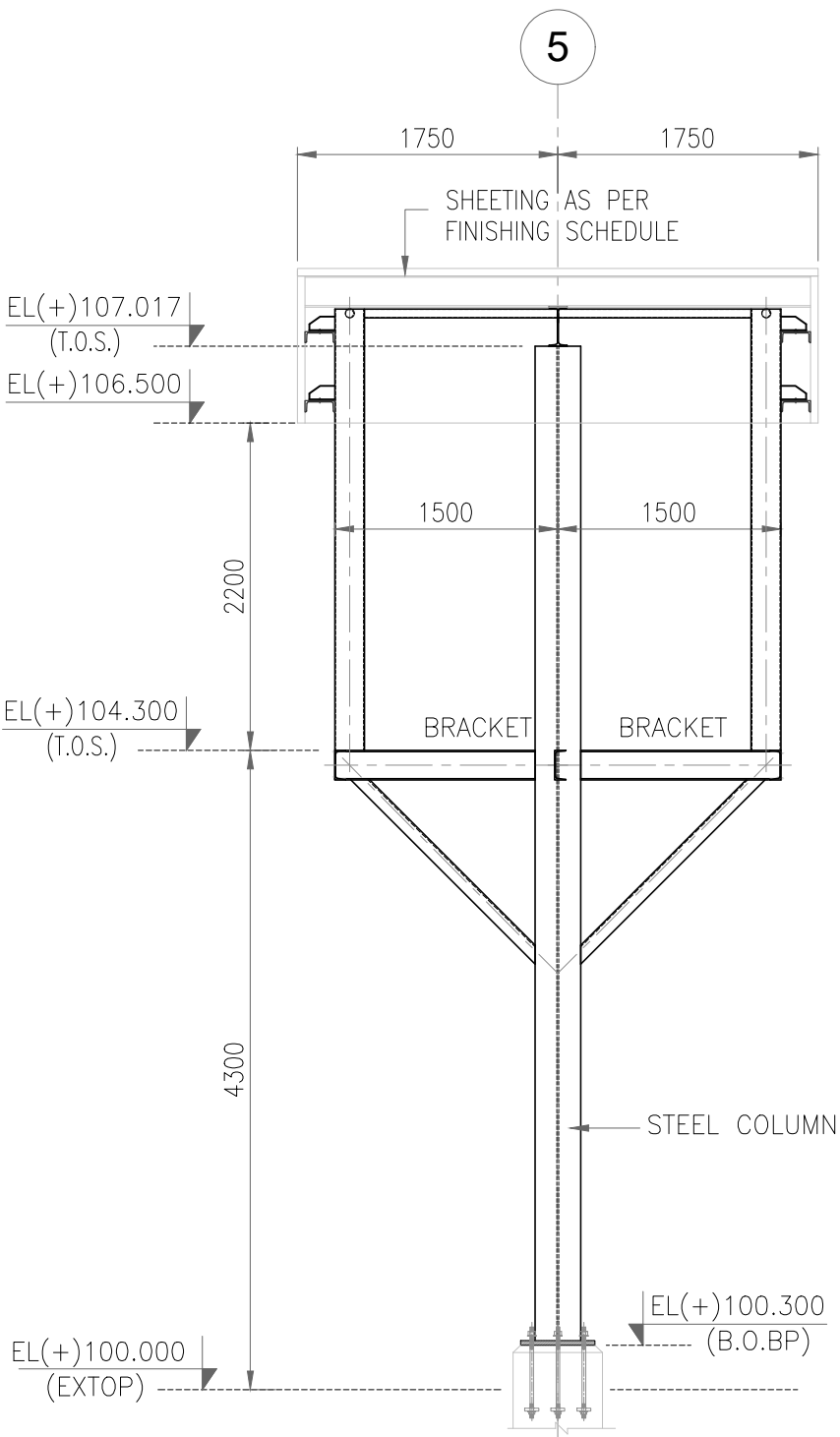
ELEVATION ALONG GRID - 1 &
MIRROR IMAGE ALONG GRID - 13
(SCALE 1:50)



ELEVATION ALONG GRID - 5
(SCALE 1:50)



TYP SECTION - 1
(SCALE 1:50)



ELEVATION ALONG GRID - E
(SCALE 1:50)

GENERAL NOTES

1. ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METERS UNLESS OTHERWISE NOTED.

2. FOR ALL OTHER NOTES & REFERENCE DRAWINGS REFER DRAWING NO- P.020785-G-21030-C313(SHEET-01).

ISSUED FOR CONSTRUCTION

0

24.10.2025

ISSUED FOR CONSTRUCTION

ADI

HCP

RND

KNS

Rev.

D

M

Y

Modifications

Drawn

Checked


Validated

Approved

LOA NO. HCC/ 246/ ENGG- 07/ PT-21/ 2022- 23/ LOA Dated 21. 10. 2022

SAP PO number: XXXXXXXX

OWNER / CLIENT

 INDIAN OIL CORPORATION LIMITED

Indian Oil Bhawan, G-9, Ali Yavar Jung Marg, Bandra East, Mumbai- 400051


PROJECT

EPCM FOR BITUMEN HANDLING FACILITY,MATHURA

SUBJECT

ARCHITECTURAL ELEVATIONS OF TLF SHED

TRACTEBEL

 TRACTEBEL Engineering pvt. ltd.

Size

A1

Scale

1:50

Sheet

2

OF

2

Rev.

0

Project No.

P.020785

Discipline Code

G

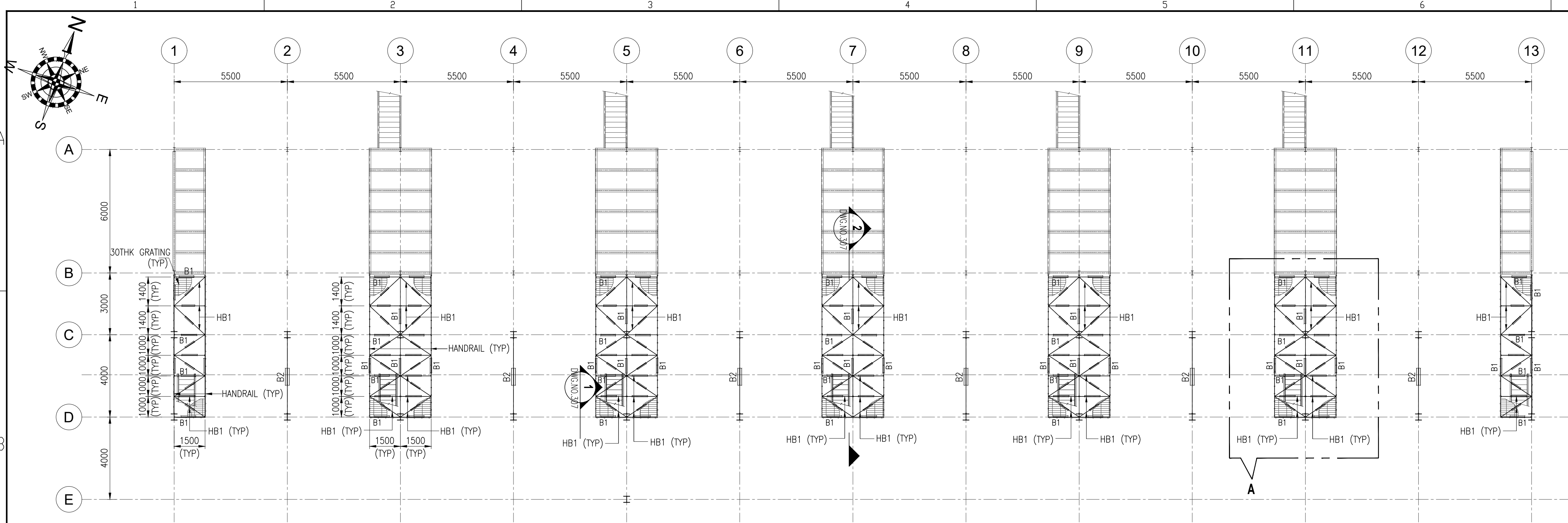
System Code

21029

Serial No.

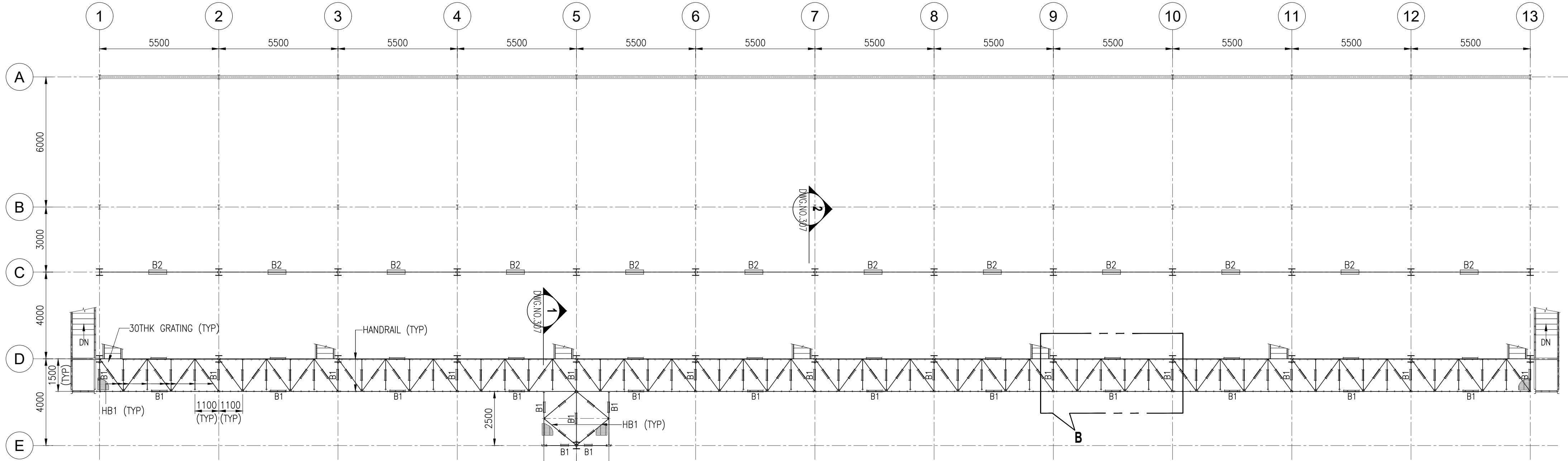
C302

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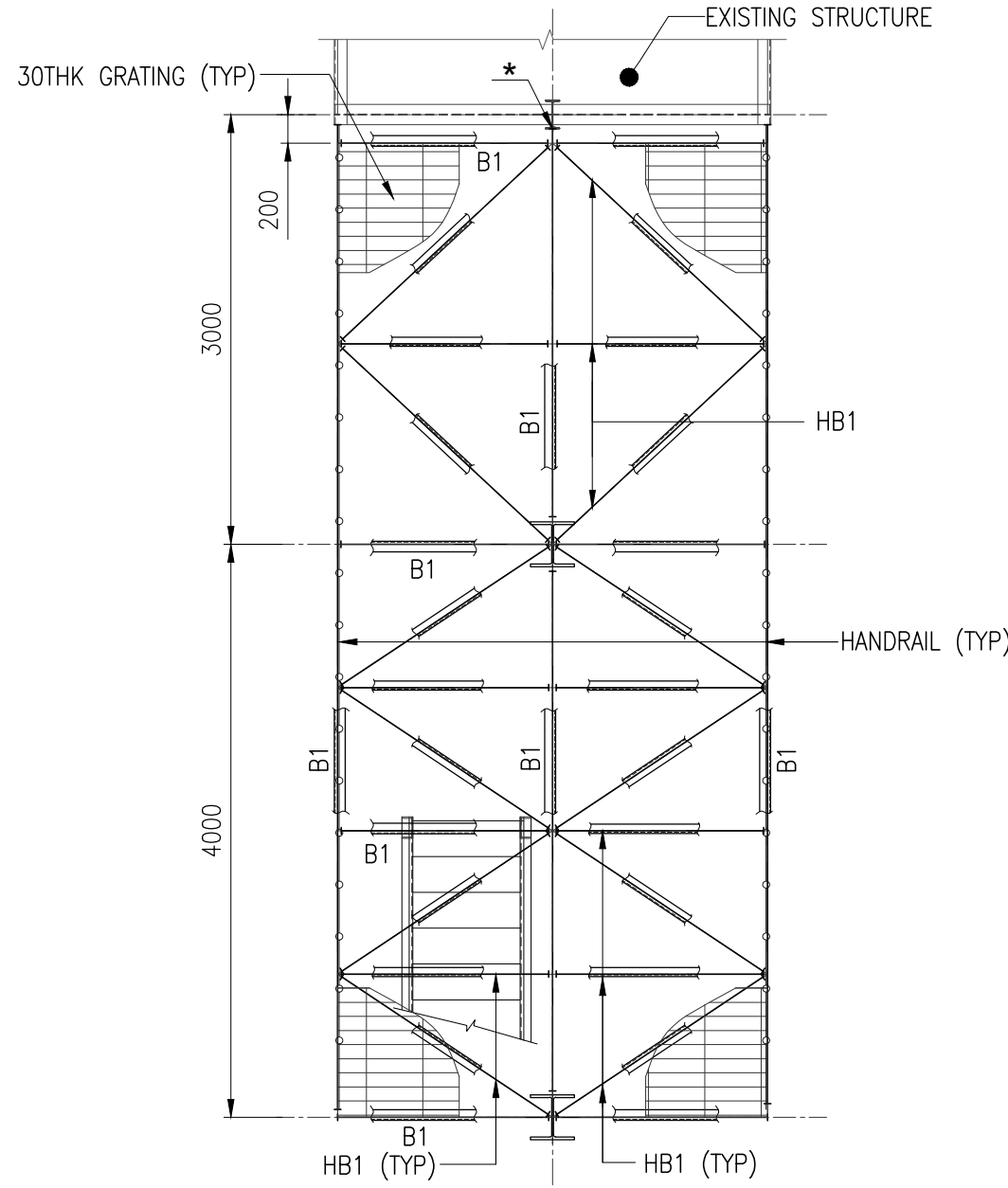
PLAN AT EL. 103.350M TOS

(SCALE 1:125)



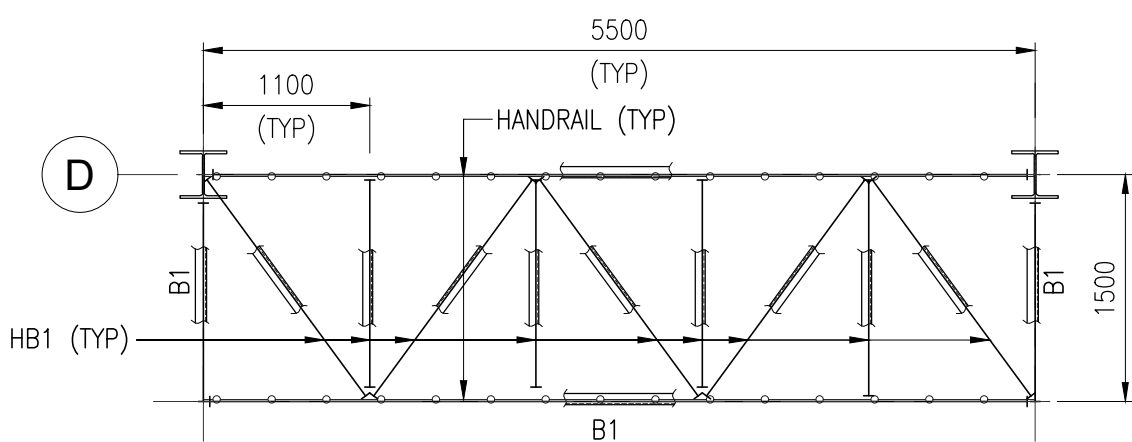
PLAN AT EL. 104.300M TOS

(SCALE 1:125)



DETAIL - A

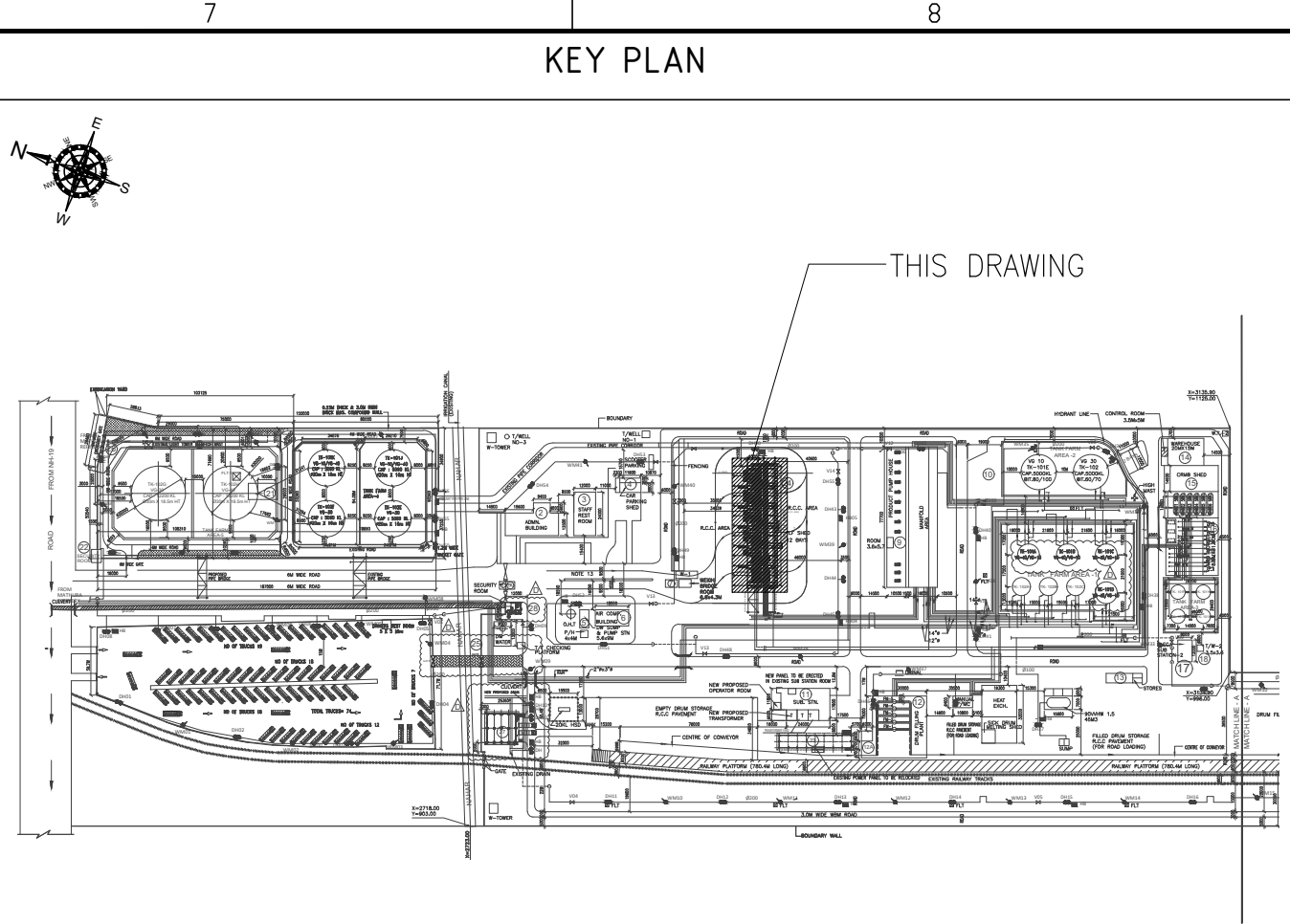
(SCALE 1:50)



DETAIL - B

(SCALE 1:50)

* THIS SUPPORT ON EXISTING STRUCTURE IS RESTRAINT ONLY FOR VERTICAL LOAD. PROVIDE CONNECTION ACCORDINGLY.



NOTES

- ALL DIMENSIONS ARE IN MM AND LEVELS ARE IN METERS.
- REFER LATEST PLOT PLAN FOR LOCATION, CO-ORDINATES AND FGL LEVELS.
- THE TOP OF EXISTING PAVING (TOEP) OF PLOT EL.+100.00M CORRESPONDING TO RL 186.500M BASED ON TOPOGRAPHY SURVEY DATA PROVIDED BY CONTRACTOR.
- ALL STRUCTURAL STEEL & PLATES SHALL BE CONFORM TO IS:2062 GRADE-E 250 QUALITY - A.
- ALL BOLTS SHALL BE CONFORM TO IS: 1367 ANCHOR BOLTS SHALL BE 4.6 GRADE STRUCTURAL BOLTS SHALL BE 8.8 GRADE.
- WASHERS SHALL CONFORM TO IS: 5369, IS:5370, IS: 5372 OR IS: 5374.
- WELDING ELECTRODES SHALL CONFORM TO IS:814 & TECHNICAL SPECIFICATION UNLESS NOTED OTHERWISE
 - ALL BOLTS ARE 16 ϕ .
 - ALL HOLES ARE 1.5MM LARGER THAN THE BOLT DIA. FOR PERMANENT BOLTS.
- FABRICATION DRAWING SHALL BE PREPARED BY CONTRACTOR & FABRICATION SHALL BE DONE IN ACCORDANCE TO IS:800(LATEST EDITION).
- ALL SHOP JOINTS SHALL BE COMPLETELY WELDED WITH CONTINUOUS FILLET WELD FOR FULL CONTACT LENGTH UNLESS NOTED OTHERWISE.
- FABRICATION OF ALL MEMBERS TO BE DONE AFTER FULL SCALE SHOP LAYOUT BEFORE CUTTING.
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH CONTRACT TERMS AND CONDITION, SPECIFICATION AND SCHEDULE OF ITEMS.
- MINIMUM WELD SIZE IS 6MM FILLET U.N.O.
- WELDING LENGTHS GIVEN ARE MINIMUM AS PER DESIGN. HOWEVER FULL CONTACT LENGTH SHOULD BE WELDED.
- ALL STRUCTURAL STEEL MEMBERS INCLUDING BASE PLATES SHALL BE PAINTED WITH APPROVED PAINT WITH PRIMER AS PER SOR/SPECIFICATION.

LEGENDS

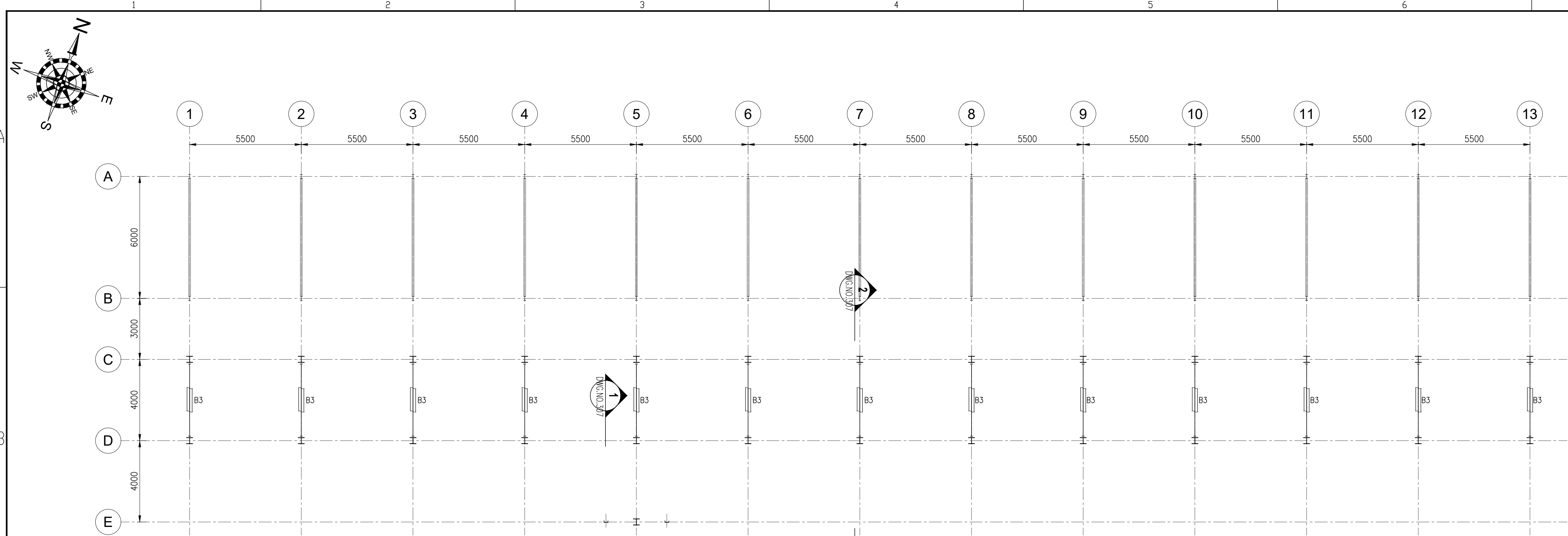
EL	- ELEVATION LEVEL	B	- BEAM
FGL	- FINISHED GROUND LEVEL	THK	- THICKNESS
TYP	- TYPICAL	ϕ	- CENTER LINE
HB	- HORIZONTAL BRACING	TOS	- TOP OF STEEL
NOS	- NUMBERS		

REFERENCE DRAWING

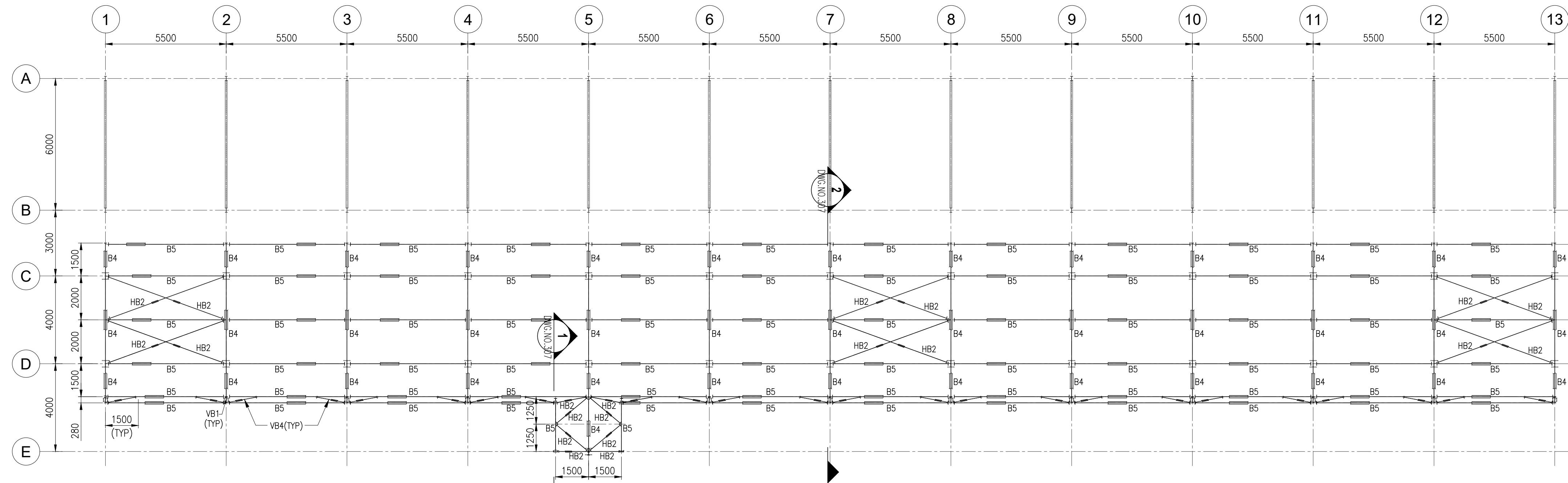
S. NO.	DRAWING TITLE	DRAWING NO.
1.	PLOT PLAN_BDF PLANT, MATHURA	P.020785-G-21095-P201
2.	ARCHITECTURAL PLAN OF TLF SHED	P.020785-G-21029-C301
3.	ARCHITECTURAL ELEVATION OF TLF SHED	P.020785-G-21029-C302
4.	FOUNDATION LAYOUT AND DETAILS OF TLF SHED	P.020785-G-21030-C301
5.	STRUCTURAL PURLIN LEVELPLAN AND DETAILS	P.020785-G-21030-C304
6.	BASE PLATE PLAN OF TLF SHED	P.020785-G-21030-C305
7.	STRUCTURAL ELEVATIONS OF TLF SHED	P.020785-G-21030-C306
8.	STRUCTURAL SECTIONS OF TLF SHED	P.020785-G-21030-C307
9.	STAIRCASE DETAILS OF SHED	P.020785-G-21030-C309
10	PIPE RACK STRUCTURAL PLAN AND DETAILS	P.020785-G-21030-C310

APPROVED FOR CONSTRUCTION

0	28.11.2025	APPROVED FOR CONSTRUCTION	MMK	SK	RND	KNS																				
Rev.	D M Y	Modifications	Drawn	Checked	Validated	Approved																				
LOA NO. HCC/ 246/ ENGG- 07/ PT-21/ 2022- 23/ LOA Dated 21. 10. 2022			SAP PO number: 28583896																							
OWNER / CLIENT		INDIAN OIL CORPORATION LIMITED																								
		Indian Oil Bhawan, G-9, Ali Yavar Jung Marg, Bandra East, Mumbai- 400051																								
PROJECT																										
EPCM FOR BITUMEN HANDLING FACILITY, MATHURA																										
SUBJECT																										
STRUCTURAL PLAN DRAWING OF TLF SHED																										
<div>TRACTEBEL</div> <div>TRACTEBEL Engineering pvt. ltd.</div>			<table><tr><td>Size</td><td>Scale</td><td>Sheet</td><td colspan="2">Rev.</td></tr><tr><td>A1</td><td>1:125</td><td>1</td><td>OF</td><td>2</td></tr><tr><td>Project No.</td><td>Discipline Code</td><td>System Code</td><td colspan="2">Serial No.</td></tr><tr><td>P.020785</td><td>G</td><td>21030</td><td colspan="2">C303</td></tr></table>				Size	Scale	Sheet	Rev.		A1	1:125	1	OF	2	Project No.	Discipline Code	System Code	Serial No.		P.020785	G	21030	C303	
Size	Scale	Sheet	Rev.																							
A1	1:125	1	OF	2																						
Project No.	Discipline Code	System Code	Serial No.																							
P.020785	G	21030	C303																							



PLAN AT EL. 107.500M TOS
(SCALE 1:125)



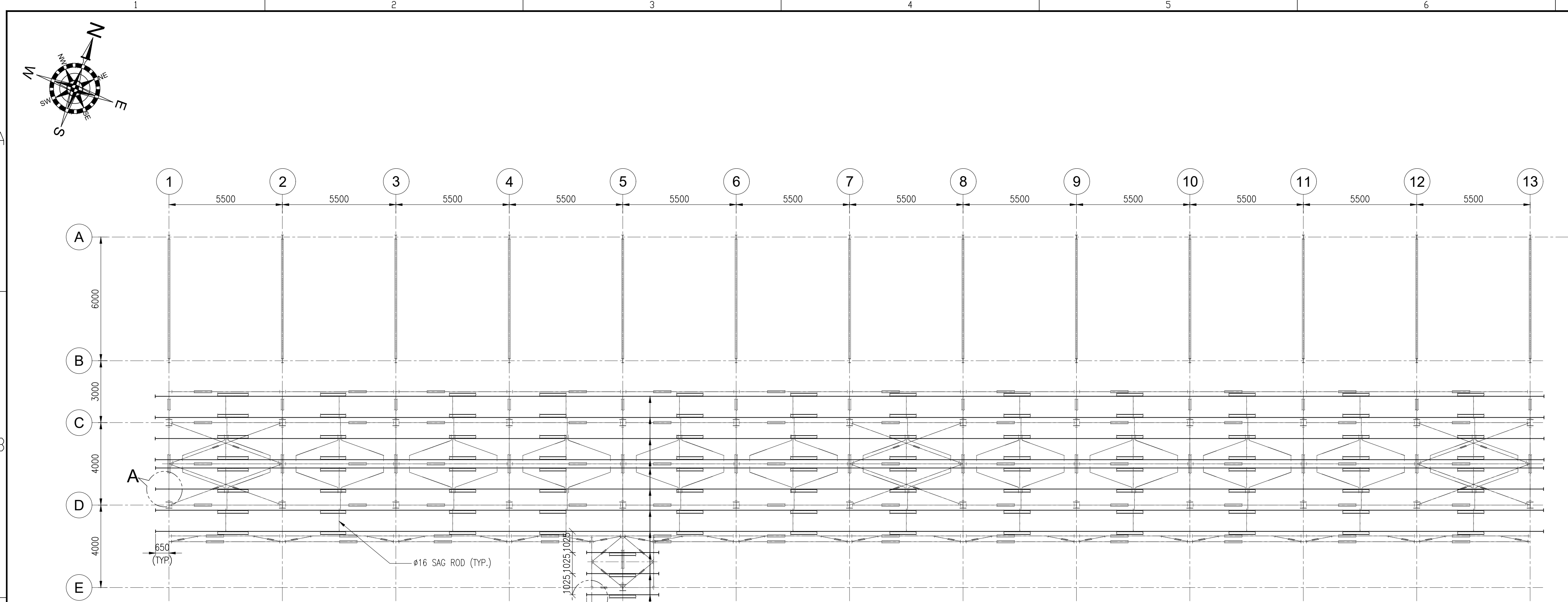
PLAN AT ROOF LEVEL
(SCALE 1:125)

GENERAL NOTES

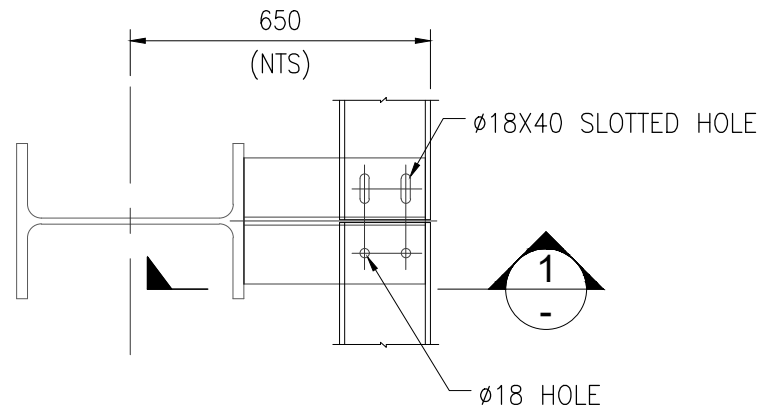
- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METERS UNLESS OTHERWISE NOTED.
- FOR ALL OTHER NOTES & REFERENCE DRAWINGS REFER SHEET-01.

APPROVED FOR CONSTRUCTION

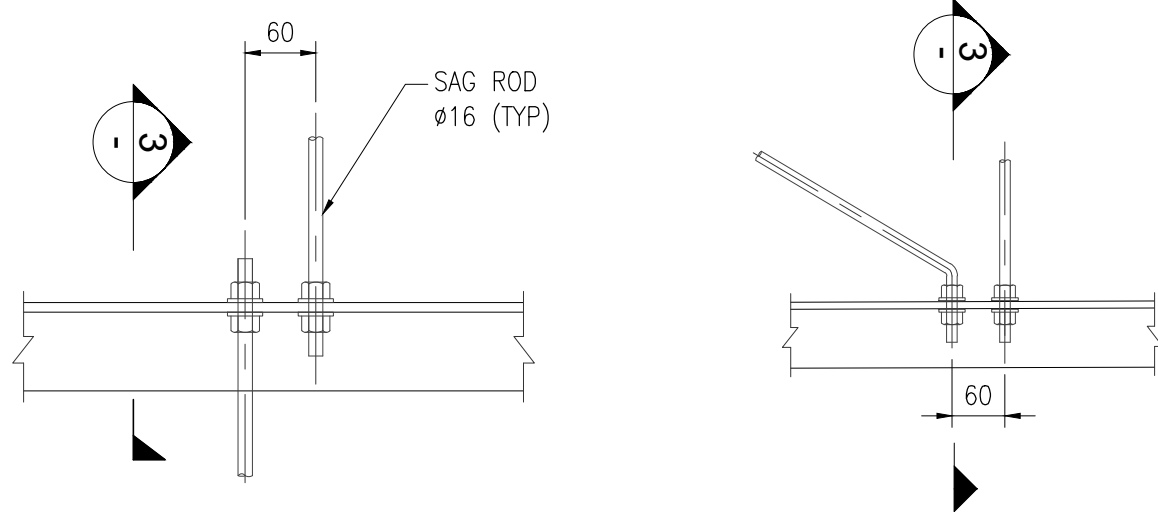
0	28.11.2025	APPROVED FOR CONSTRUCTION	MMK	SK	RND	KNS
Rev.	D M Y	Modifications	Drawn	Checked	Validated	Approved
LOA NO. HCC/ 246/ ENGG- 07/ PT-21/ 2022- 23/ LOA Dated 21. 10. 2022			SAP PO number: 28583896			
OWNER / CLIENT			INDIAN OIL CORPORATION LIMITED			
			Indian Oil Bhawan, G-9, Ali Yavar Jung Marg, Bandra East, Mumbai- 400051			
PROJECT			EPCM FOR BITUMEN HANDLING FACILITY,MATHURA			
SUBJECT			STRUCTURAL PLAN DRAWING OF TLF SHED			
TRACTEBEL			Size	Scale	Sheet	Rev.
TRACTEBEL Engineering pvt. Ltd.			A1	1:125	2 OF 2	0
			Project No.	Discipline Code	System Code	Serial No.
			P.020785	G	21030	C303



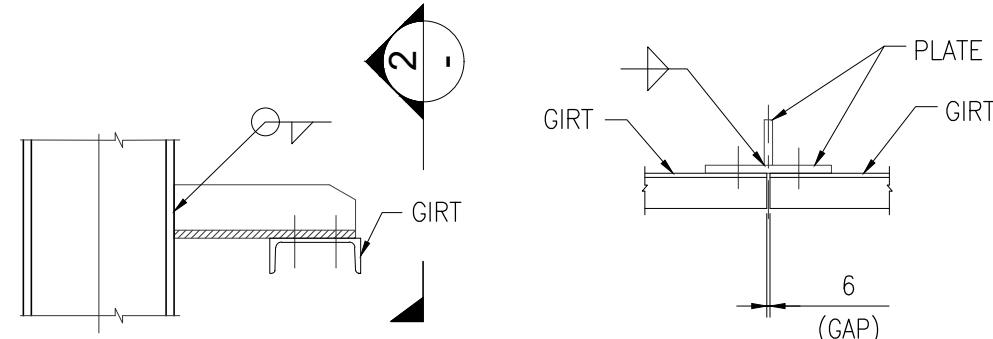
PLAN AT PURLIN LEVEL
(SCALE 1:125)



DETAIL - A
GIRT CONNECTION DETAIL (TYP)
SCALE (NTS)

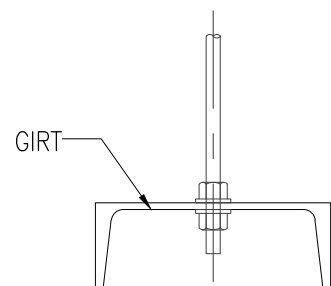


TYP. CONNECTION DETAILS FOR SAG ROD
SCALE (NTS)

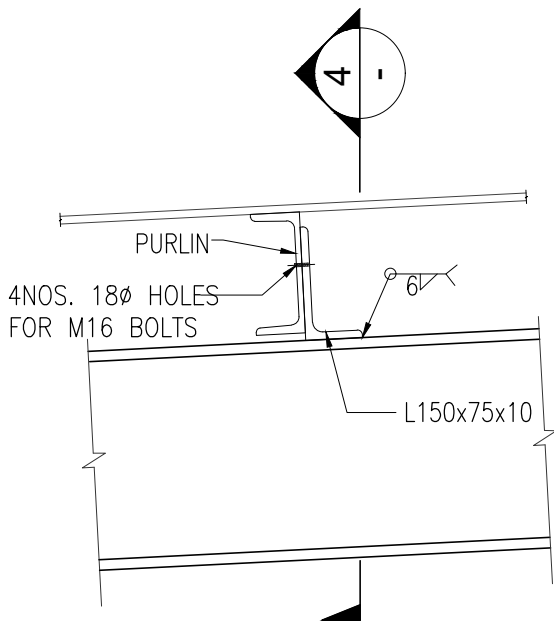


SECTION - 1
SCALE (NTS)

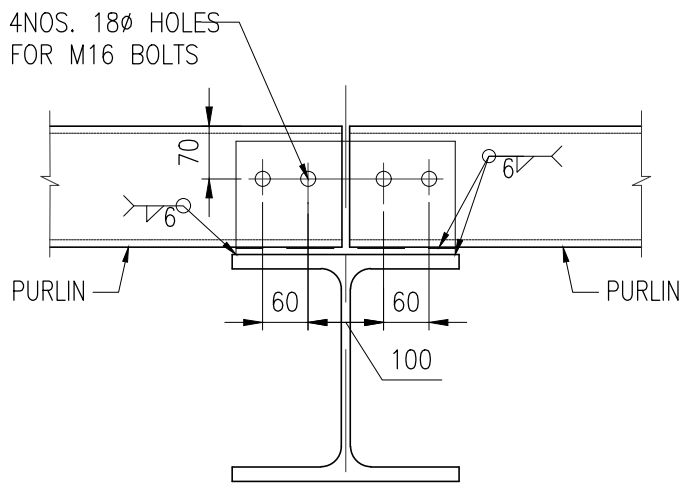
SECTION - 2
SCALE (NTS)



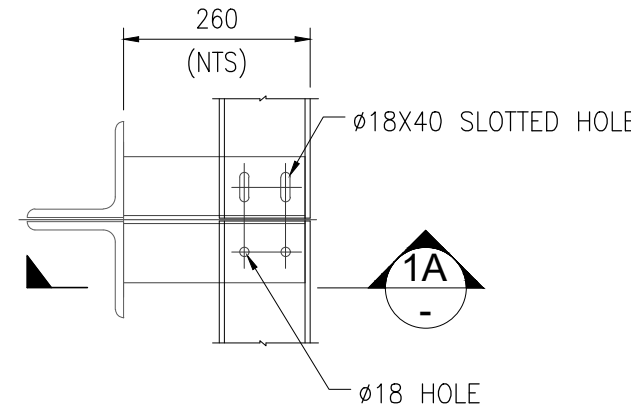
SECTION - 3
SCALE (NTS)



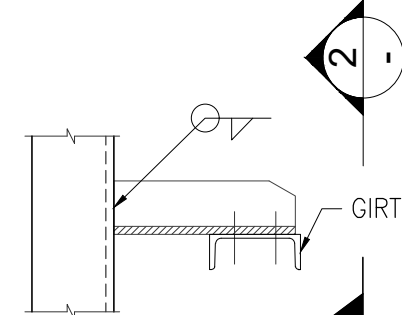
TYPICAL DETAIL OF PURLIN
(SCALE 1:10)



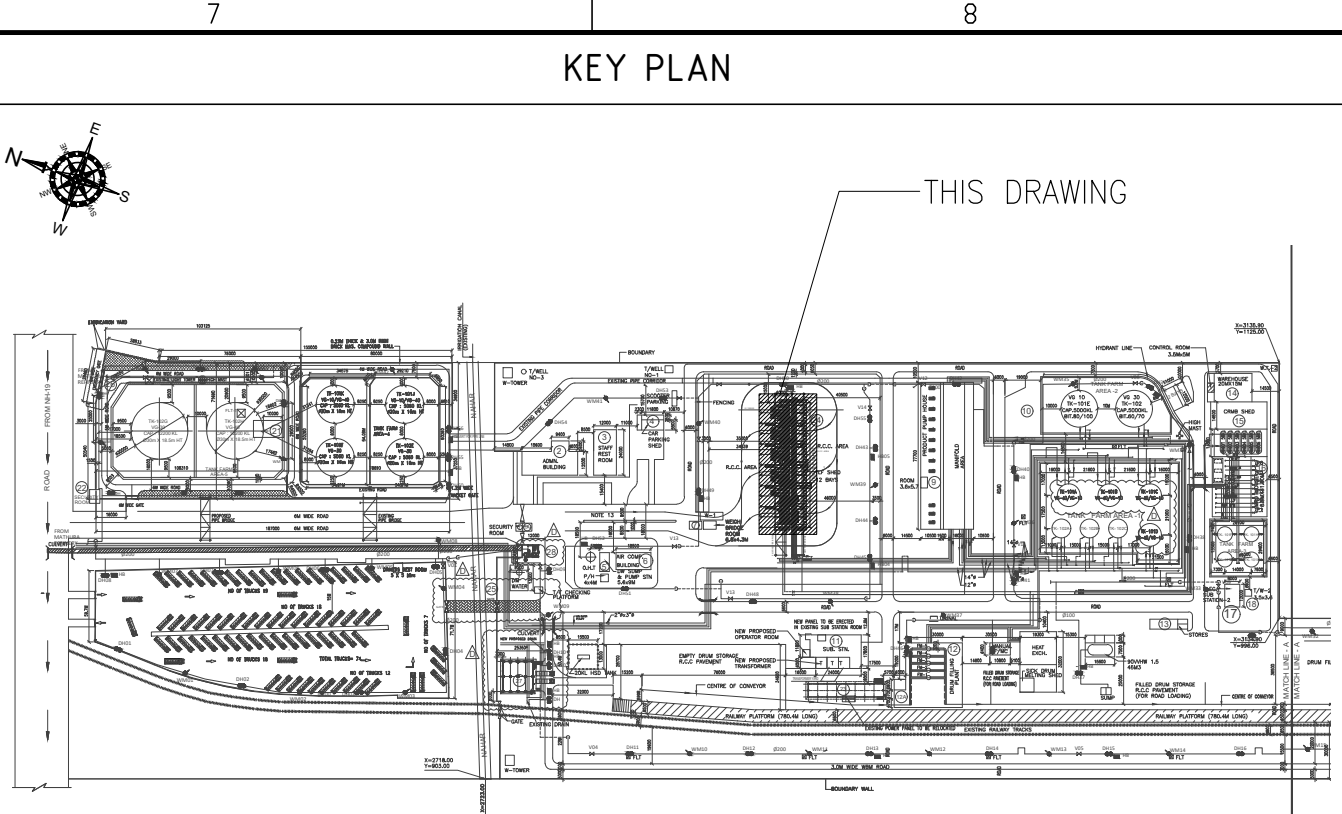
SECTION - 4
(SCALE 1:10)



DETAIL - B
GIRT CONNECTION DETAIL (TYP)
SCALE (NTS)



SECTION - 1A
SCALE (NTS)



NOTES

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- THE TOP OF EXISTING PAVING (TOEP) OF PLOT E.L.+100.00M CORRESPONDING TO RL 186.500M BASED ON TOPOGRAPHY SURVEY DATA PROVIDED BY CONTRACTOR.
- ALL STRUCTURAL STEEL & PLATES SHALL BE CONFORM TO IS:2062 GRADE-E 250 QUALITY - A.
- ALL BOLTS SHALL BE CONFORM TO IS: 1367 ANCHOR BOLTS SHALL BE 4.6 GRADE STRUCTURAL BOLTS SHALL BE 8.8 GRADE.
- WASHERS SHALL CONFORM TO IS: 5369, IS:5370, IS: 5372 OR IS: 5374.
- WELDING ELECTRODES SHALL CONFORM TO IS:814 & TECHNICAL SPECIFICATION UNLESS NOTED OTHERWISE.
 - ALL BOLTS ARE 16 ϕ .
 - ALL HOLES ARE 1.5MM LARGER THAN THE BOLT DIA. FOR PERMANENT BOLTS.
- FABRICATION DRAWING SHALL BE PREPARED BY CONTRACTOR & FABRICATION SHALL BE DONE IN ACCORDANCE TO IS:800(LATEST EDITION).
- ALL SHOP JOINTS SHALL BE COMPLETELY WELDED WITH CONTINUOUS FILLET WELD FOR FULL CONTACT LENGTH UNLESS NOTED OTHERWISE.
- FABRICATION OF ALL MEMBERS TO BE DONE AFTER FULL SCALE SHOP LAYOUT BEFORE CUTTING.
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH CONTRACT TERMS AND CONDITION, SPECIFICATION AND SCHEDULE OF ITEMS.
- MINIMUM WELD SIZE IS 6MM FILLET U.N.O.
- WELDING LENGTHS GIVEN ARE MINIMUM AS PER DESIGN. HOWEVER FULL CONTACT LENGTH SHOULD BE WELDED.
- ALL STRUCTURAL STEEL MEMBERS INCLUDING BASE PLATES SHALL BE PAINTED WITH APPROVED PAINT WITH PRIMER AS PER SOR/SPECIFICATION.

LEGENDS

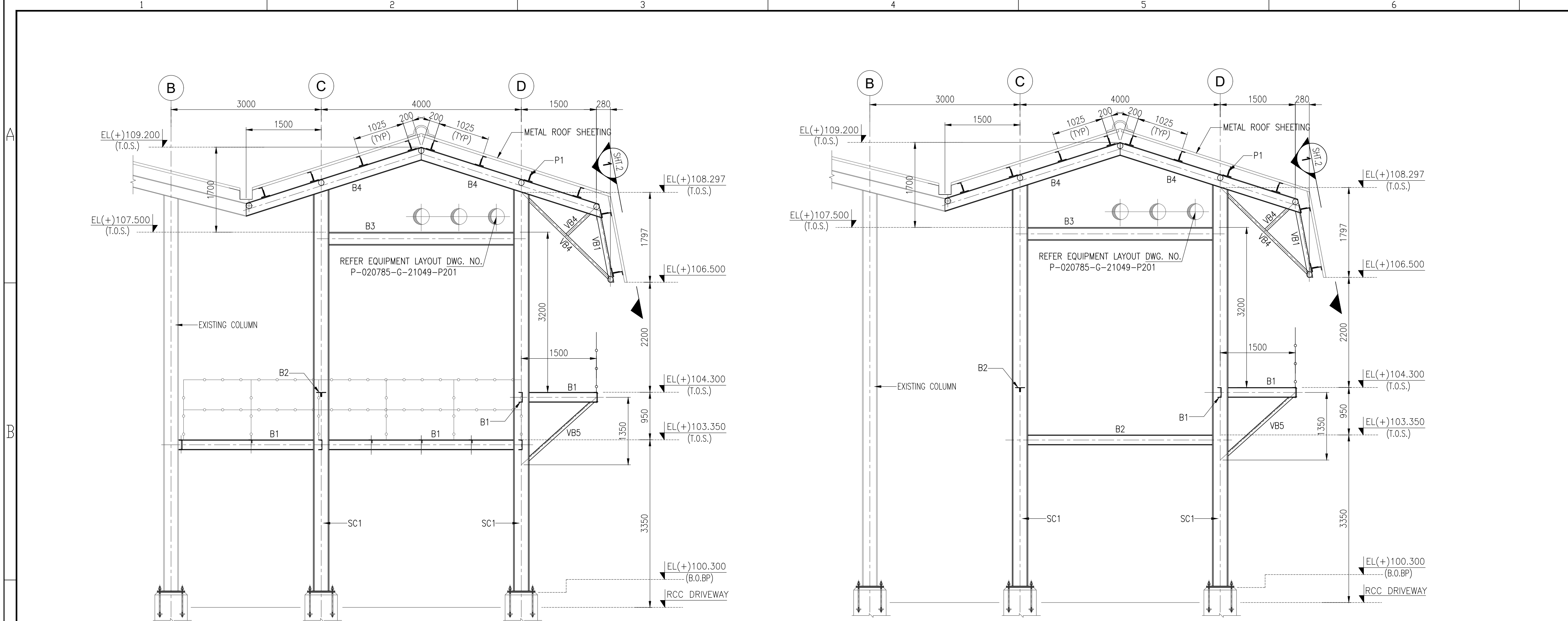
EL	- ELEVATION LEVEL	COL	- COLUMN
FGL	- FINISHED GROUND LEVEL	NOS	- NUMBERS
TYP	- TYPICAL	C	- CENTER LINE
THK	- THICKNESS	TOS	- TOP OF STEEL
BOBP	- BOTTOM OF BASE PLATE		

REFERENCE DRAWING

S. NO.	DRAWING TITLE	DRAWING NO.
1.	PLOT PLAN_BDF PLANT, MATHURA	P.020785-G-21095-P201
2.	ARCHITECTURAL PLAN OF TLF SHED	P.020785-G-21029-C301
3.	ARCHITECTURAL ELEVATION OF TLF SHED	P.020785-G-21029-C302
4.	FOUNDATION LAYOUT AND DETAILS OF TLF SHED	P.020785-G-21030-C301
5.	STRUCTURAL PLAN DRAWING OF TLF SHED	P.020785-G-21030-C303
6.	BASE PLATE PLAN OF TLF SHED	P.020785-G-21030-C305
7.	STRUCTURAL ELEVATIONS OF TLF SHED	P.020785-G-21030-C306
8.	STRUCTURAL SECTIONS OF TLF SHED	P.020785-G-21030-C307
9.	STAIRCASE DETAILS OF SHED	P.020785-G-21030-C309
10.	PIPE RACK STRUCTURAL PLAN AND DETAILS	P.020785-G-21030-C310

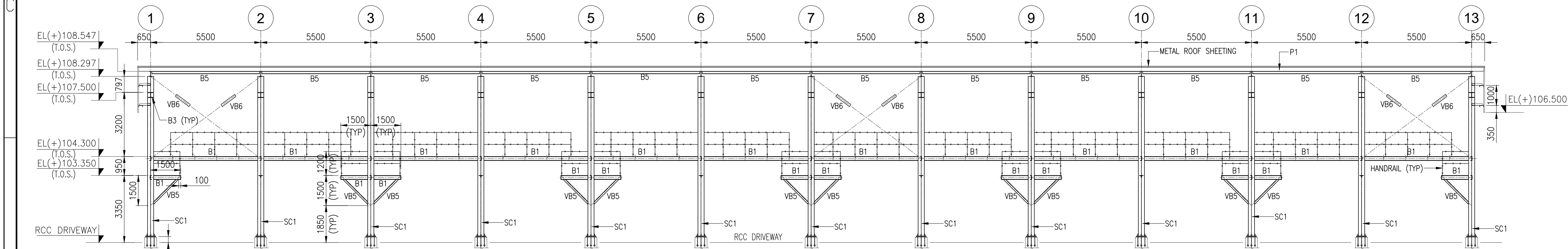
APPROVED FOR CONSTRUCTION

0	28.11.2025	APPROVED FOR CONSTRUCTION	MMK	SK	RND	KNS
Rev.	D M Y	Modifications	Drawn	Checked	Validated	Approved
LOA NO. HCC/ 246/ ENGG- 07/ PT-21/ 2022- 23/ LOA Dated 21. 10. 2022			SAP PO number: 28583896			
OWNER / CLIENT			INDIAN OIL CORPORATION LIMITED Indian Oil Bhawan, G-9, Ali Yavar Jung Marg, Bandra East, Mumbai- 400051			
PROJECT			EPCM FOR BITUMEN HANDLING FACILITY, MATHURA			
SUBJECT			STRUCTURAL PURLIN LEVELPLAN AND DETAIL			
TRACTEBEL Engineering pvt. ltd.			Size	Scale	Sheet	Rev.
Project No.			A1	1:125	1	OF 1
Discipline Code			P.020785	G	21030	C304
System Code						
Serial No.						

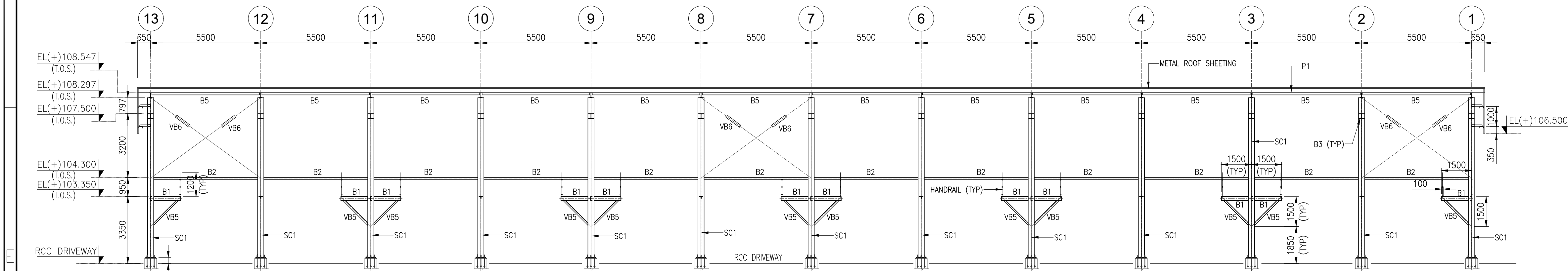


ELEVATION ALONG GRID - 1,3,7,9,11,13
(SCALE 1:50)

ELEVATION ALONG GRID - 2,4,6,8,10,12
(SCALE 1:50)



ELEVATION ALONG GRID - D
(SCALE 1:125)



ELEVATION ALONG GRID - C
(SCALE 1:125)

NOTES

- ALL DIMENSIONS ARE IN MM AND LEVELS ARE IN METERS.
- REFER LATEST PLOT PLAN FOR LOCATION, CO-ORDINATES AND FGL LEVELS.
- THE TOP OF EXISTING PAVING (TOEP.) OF PLOT E.L.+100.00M CORRESPONDING TO RL 186.500M BASED ON TOPOGRAPHY SURVEY DATA PROVIDED BY CONTRACTOR.
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LEGENDS

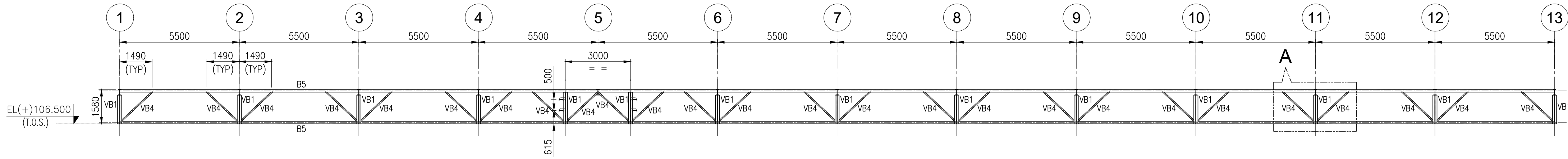
EL	- ELEVATION LEVEL	BOBP	- BOTTOM OF BASE PLATE
FGL	- FINISHED GROUND LEVEL	CL	- CENTER LINE
TYP	- TYPICAL	TOS	- TOP OF STEEL
THK	- THICKNESS		
NOS	- NUMBERS		

REFERENCE DRAWING

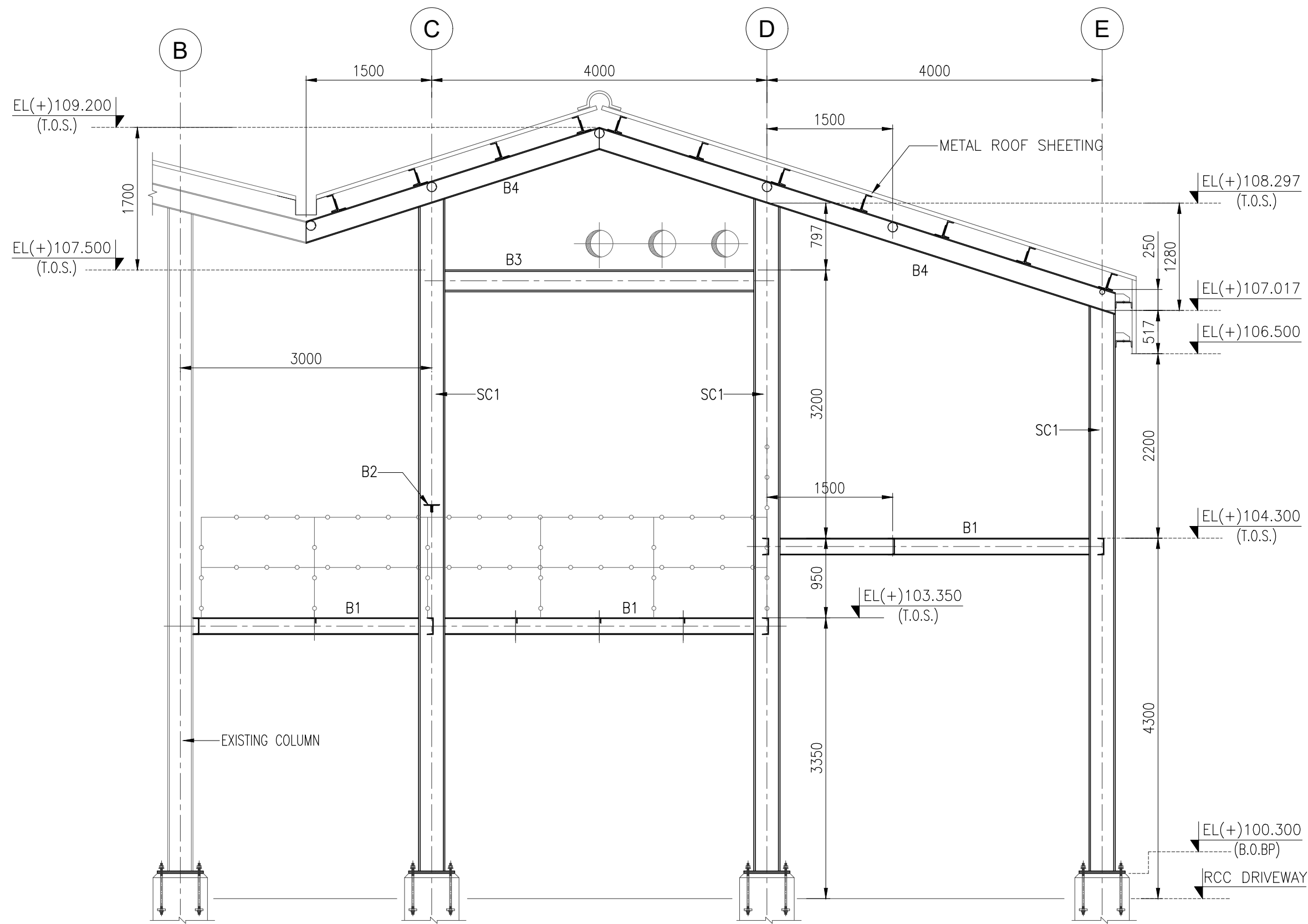
S. NO.	DRAWING TITLE	DRAWING NO.
1.	PLOT PLAN_BDF PLANT, MATHURA	P.020785-G-21095-P201
2.	ARCHITECTURAL PLAN OF TLF SHED	P.020785-G-21029-C301
3.	ARCHITECTURAL ELEVATION OF TLF SHED	P.020785-G-21029-C302
4.	FOUNDATION LAYOUT AND DETAILS OF TLF SHED	P.020785-G-21030-C301
5.	STRUCTURAL PLAN DRAWING OF TLF SHED	P.020785-G-21030-C303
6.	STRUCTURAL P1 LEVELPLAN AND DETAILS	P.020785-G-21030-C304
7.	BASE PLATE PLAN OF TLF SHED	P.020785-G-21030-C305
8.	STRUCTURAL SECTIONS OF TLF SHED	P.020785-G-21030-C307
9.	STAIRCASE DETAILS OF SHED	P.020785-G-21030-C309
10	PIPE RACK STRUCTURAL PLAN AND DETAILS	P.020785-G-21030-C310

APPROVED FOR CONSTRUCTION

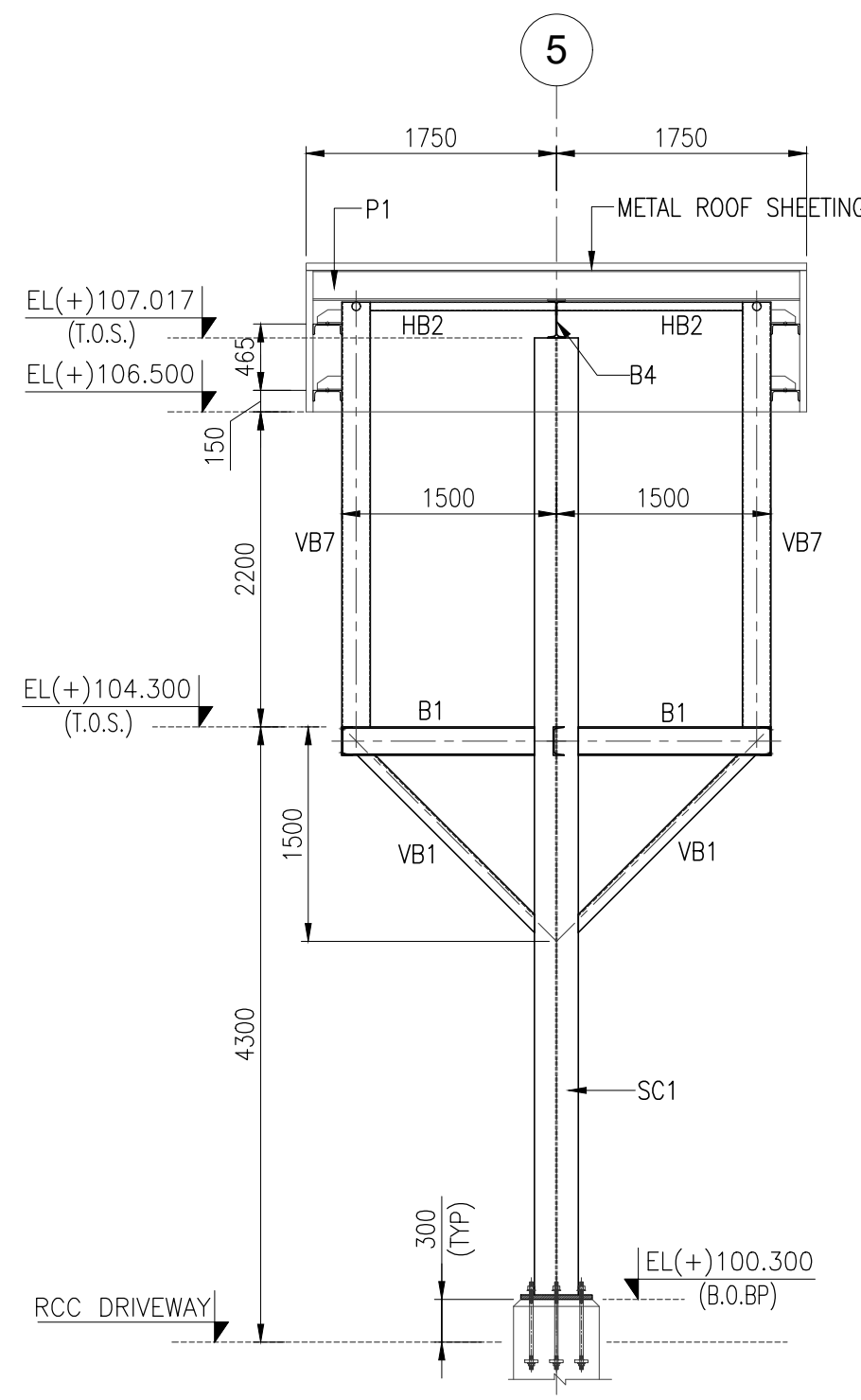
0	28.11.2025	APPROVED FOR CONSTRUCTION				MMK	SK	RND	KNS
Rev.	D M Y	Modifications			Drawn	Checked	Validated	Approved	
LOA NO. HCC/ 246/ ENGG- 07/ PT-21/ 2022- 23/ LOA Dated 21. 10. 2022					SAP PO number: 28583896				
OWNER / CLIENT		<div>INDIAN OIL CORPORATION LIMITED Indian Oil Bhawan, G-9, Ali Yavar Jung Marg, Bandra East, Mumbai- 400051</div>							
PROJECT		EPCM FOR BITUMEN HANDLING FACILITY, MATHURA							
SUBJECT		STRUCTURAL ELEVATIONS OF TLF SHED							
<div> TRACTEBEL Engineering pvt. Ltd.</div>					Size	Scale	Sheet	Rev.	
					A1	1:125, 1:50	1	OF	2
					Project No.	Discipline Code	System Code	Serial No.	
					P.020785	G	21030	C306	



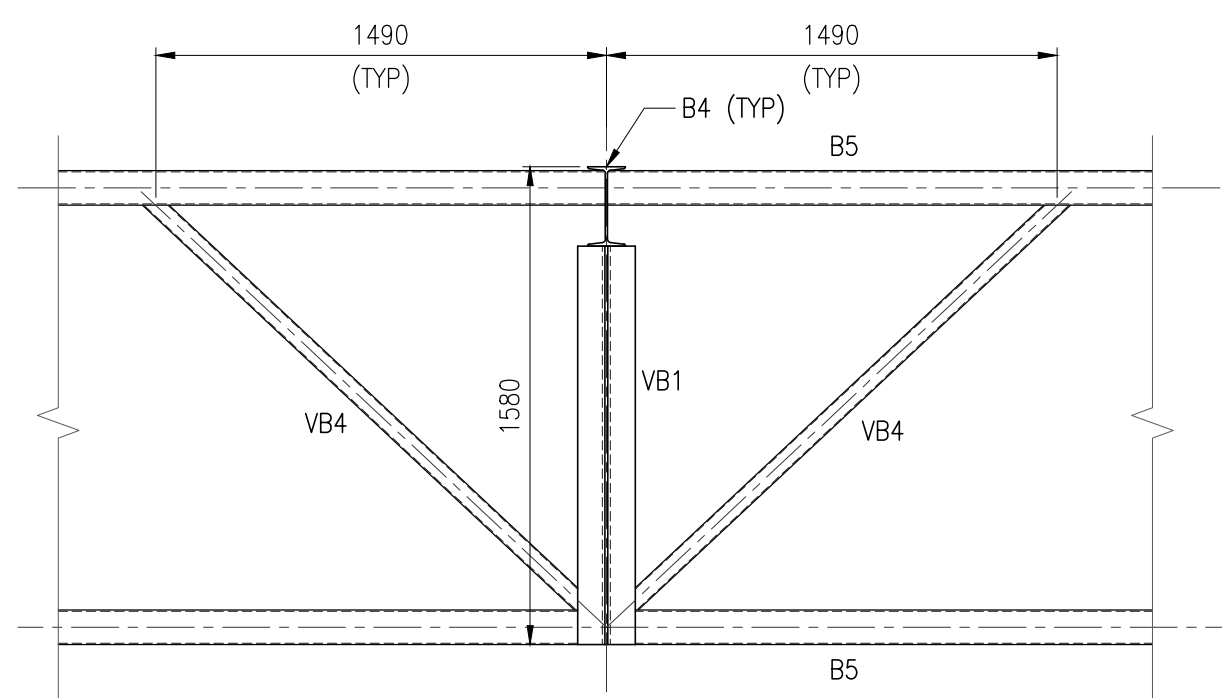
VIEW 1-1
(SCALE 1:125)



ELEVATION ALONG GRID - 5
(SCALE 1:50)



ELEVATION ALONG GRID - E
(SCALE 1:50)



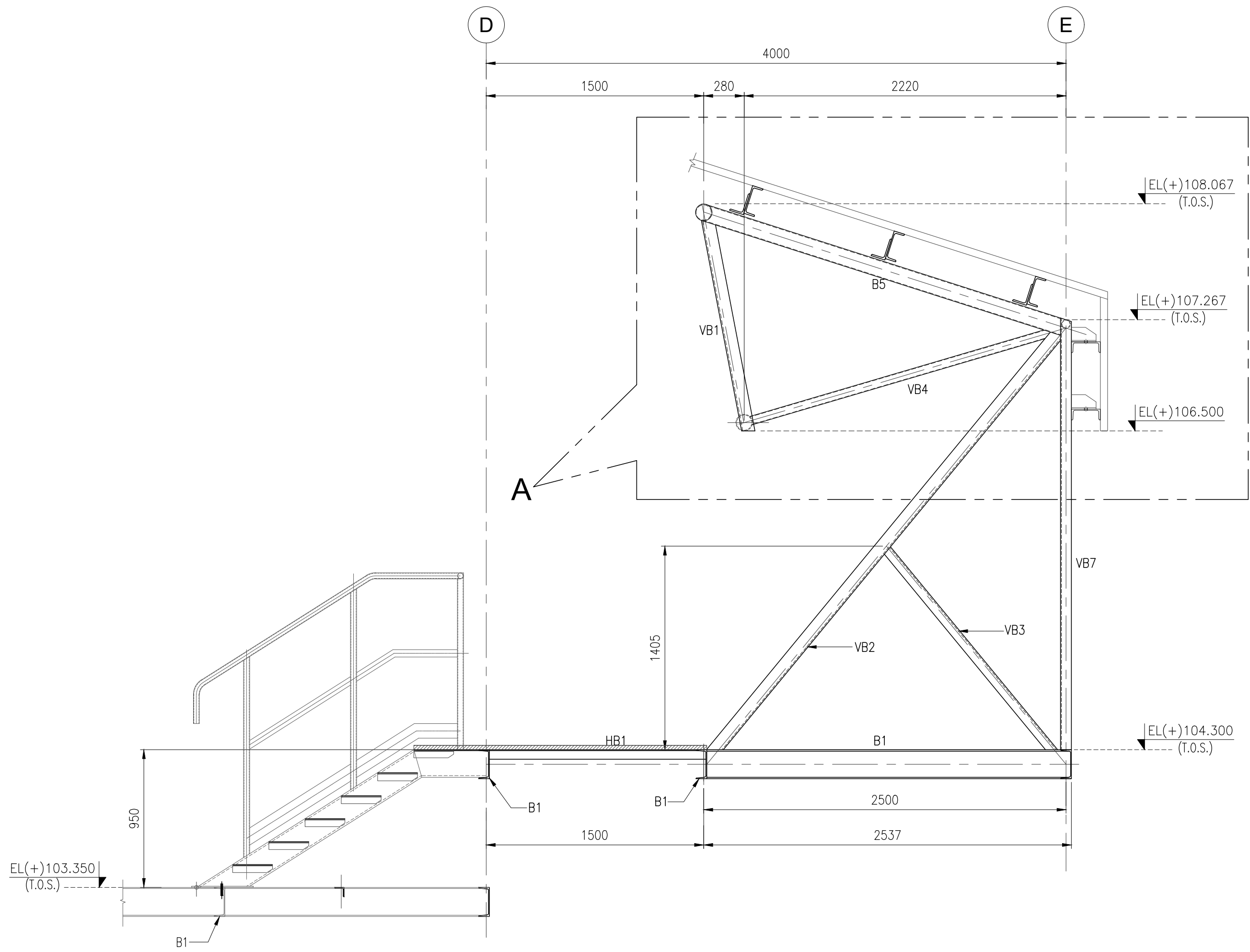
DETAIL - A
(SCALE 1:25)

GENERAL NOTES

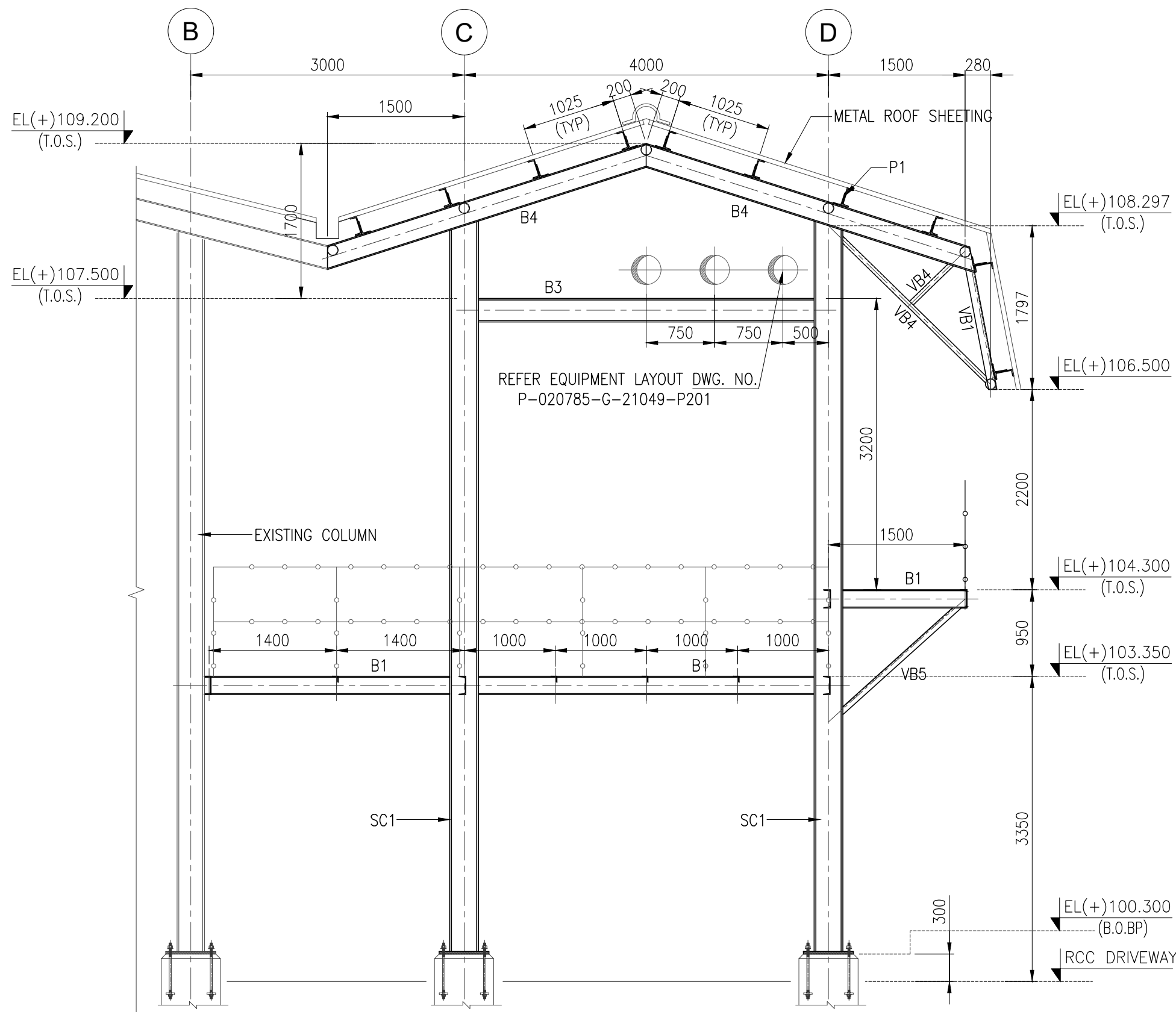
1. ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METERS UNLESS OTHERWISE NOTED.
2. FOR ALL OTHER NOTES & REFERENCE DRAWINGS REFER SHEET-01.

APPROVED FOR CONSTRUCTION

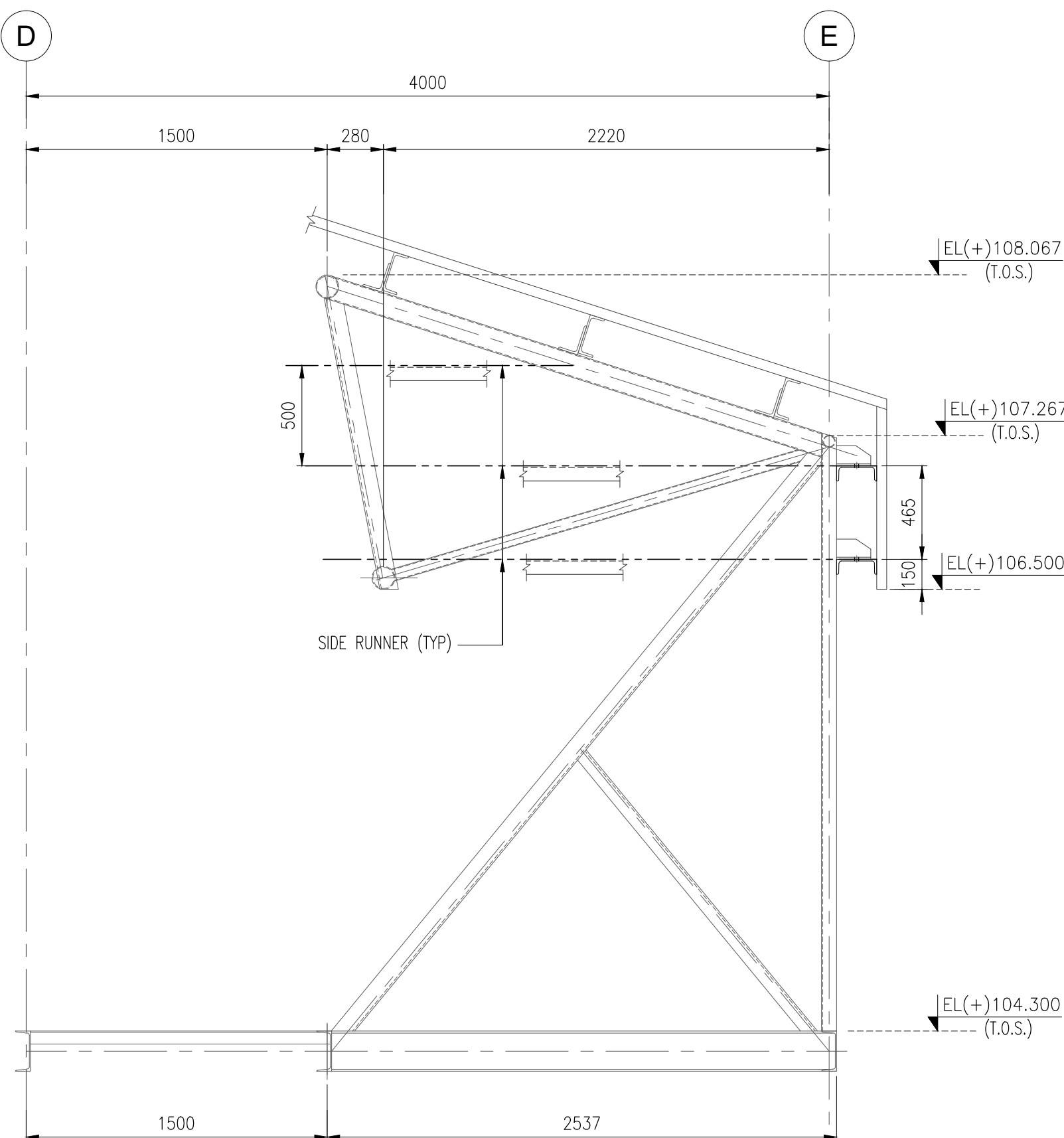
0	28.11.2025	APPROVED FOR CONSTRUCTION	MMK	SK	RND	KNS
Rev.	D M Y	Modifications	Drawn	Checked	Validated	Approved
LOA NO. HCC/ 246/ ENGG- 07/ PT-21/ 2022- 23/ LOA Dated 21. 10. 2022			SAP PO number: 28583896			
OWNER / CLIENT			INDIAN OIL CORPORATION LIMITED			
PROJECT			EPCM FOR BITUMEN HANDLING FACILITY, MATHURA			
SUBJECT			STRUCTURAL ELEVATIONS OF TLF SHED			
TRACTEBEL			Size	Scale	Sheet	Rev.
TRACTEBEL Engineering pvt. Ltd.			A1	1:125, 1:50	2 OF 2	0
Project No.			Discipline Code	System Code	Serial No.	
P.020785			G	21030	C306	



SECTION - 1
(SCALE 1:25)



SECTION - 2
(SCALE 1:50)



DETAIL - A
TYP. SIDE RUNNER
(SCALE 1:25)

NOTES

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LEGENDS

EL	- ELEVATION LEVEL	BOBP	- BOTTOM OF BASE PLATE
FGL	- FINISHED GROUND LEVEL	CL	- CENTER LINE
TYP	- TYPICAL	TOS	- TOP OF STEEL
THK	- THICKNESS		
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REFERENCE DRAWING

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5.	STRUCTURAL PLAN DRAWING OF TLF SHED	P.020785-G-21030-C303
6.	STRUCTURAL PURLIN LEVELPLAN AND DETAILS	P.020785-G-21030-C304
7.	BASE PLATE PLAN OF TLF SHED	P.020785-G-21030-C305
8.	STRUCTURAL ELEVATIONS OF TLF SHED	P.020785-G-21030-C306
9.	STAIRCASE DETAILS OF SHED	P.020785-G-21030-C309
10	PIPE RACK STRUCTURAL PLAN AND DETAILS	P.020785-G-21030-C310

APPROVED FOR CONSTRUCTION

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OWNER / CLIENT			INDIAN OIL CORPORATION LIMITED			
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PROJECT			EPCM FOR BITUMEN HANDLING FACILITY, MATHURA			
SUBJECT			STRUCTURAL SECTIONS OF TLF SHED			
TRACTEBEL			Size	Scale	Sheet	Rev.
			A1	1:25, 1:50	1	OF 1
Project No.			Discipline Code	System Code	Serial No.	
TRACTEBEL Engineering pvt. ltd.			P.020785	G	21030	C307