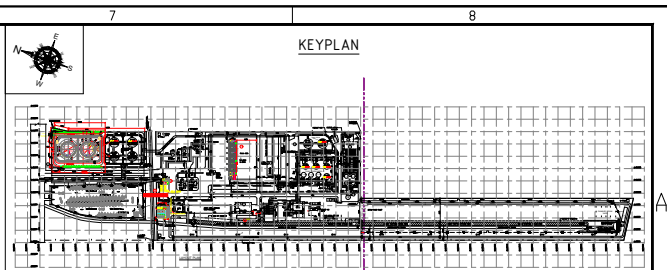


LAYOUT PLAN



KEYPLAN

NOTES

PA SYSTEM			
1	6W	6 WATT CEILING MOUNTED SPEAKER	04
2	6W	6 WATT WALL MOUNTED SPEAKER	06
3	25W	25 WATT/COLUMN/POLE WALL MOUNTED SPEAKER	10
4	FCS	FIELD CALL STATION	10
5	DCS	DESKTOP CALL STATION WITH GOOSENECK MICROPHONE	01

SYMBOLS & LEGENDS

1. FGL - FINISHED GROUND LEVEL	14. RCC. DRIVEWAY
2. RTL - ROAD TOP LEVEL	15. PAVER BLOCK
3. FFL - FINISHED FLOOR LEVEL	16. PIPE SLEEPER
4. TOP - TOP OF PAVING	17. PIPE CULVERT
5. U/G - UNDERGROUND	18. GREEN BELT
6. A/G - ABOVEGROUND	19. DRAIN
7. CL - CENTER LINE	20. BOUNDARY WALL EXISTING
8. NGL - NATURAL GROUND LEVEL	21. NEW
9. TOP - TOP OF FILL	22. HUME PIPE
10. BOR - BOTTOM OF ROAD	23. PIPE CROSSOVER
11. ERC - ELECTRICAL ROAD CROSSING	
12. IRC - INSTRUMENT ROAD CROSSING	

REFERENCE DRAWINGS

DRG. NO.	SUBJECT
DRG. NO. - IOC-MKT-BDFP-2022-02	PLAN LAYOUT, BDF PLANT, MATHURA
DRG. NO. - TCC/BDFP/R-01	PIPING LAYOUT, BDF PLANT, MATHURA

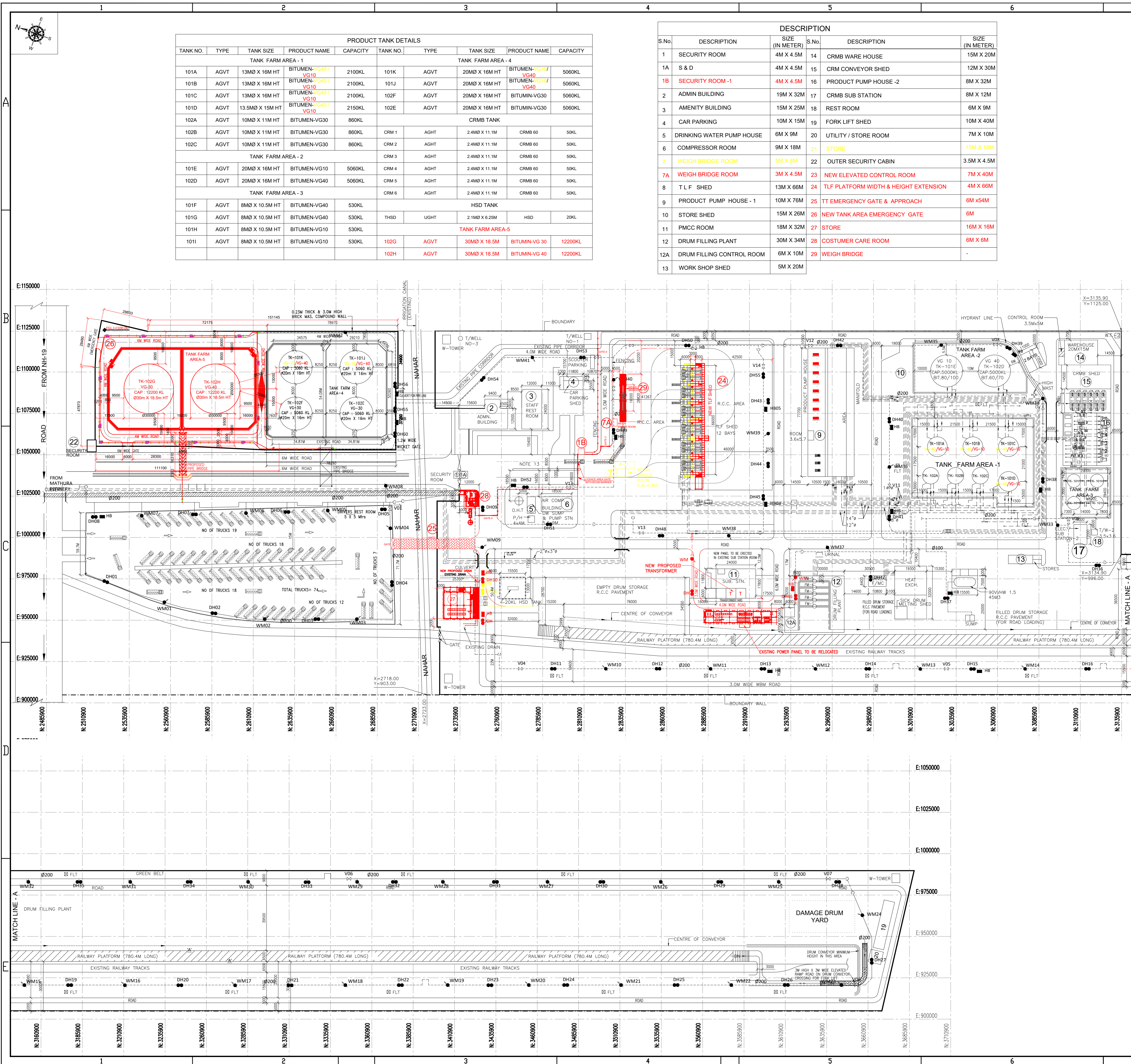
- PROPOSED FACILITIES
- EXISTING FACILITIES
- EXISTING FACILITIES REFURBISHED

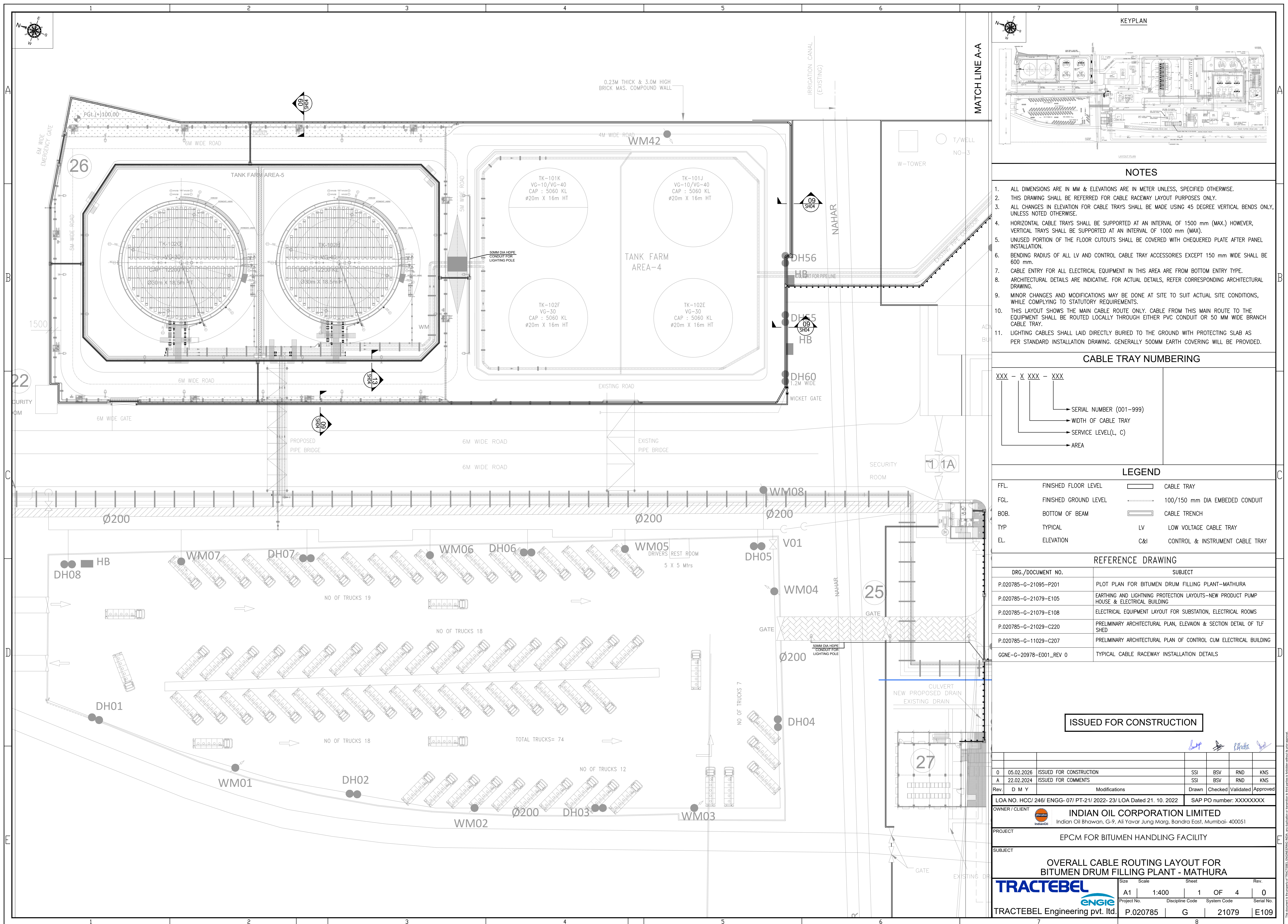
FOR TENDER

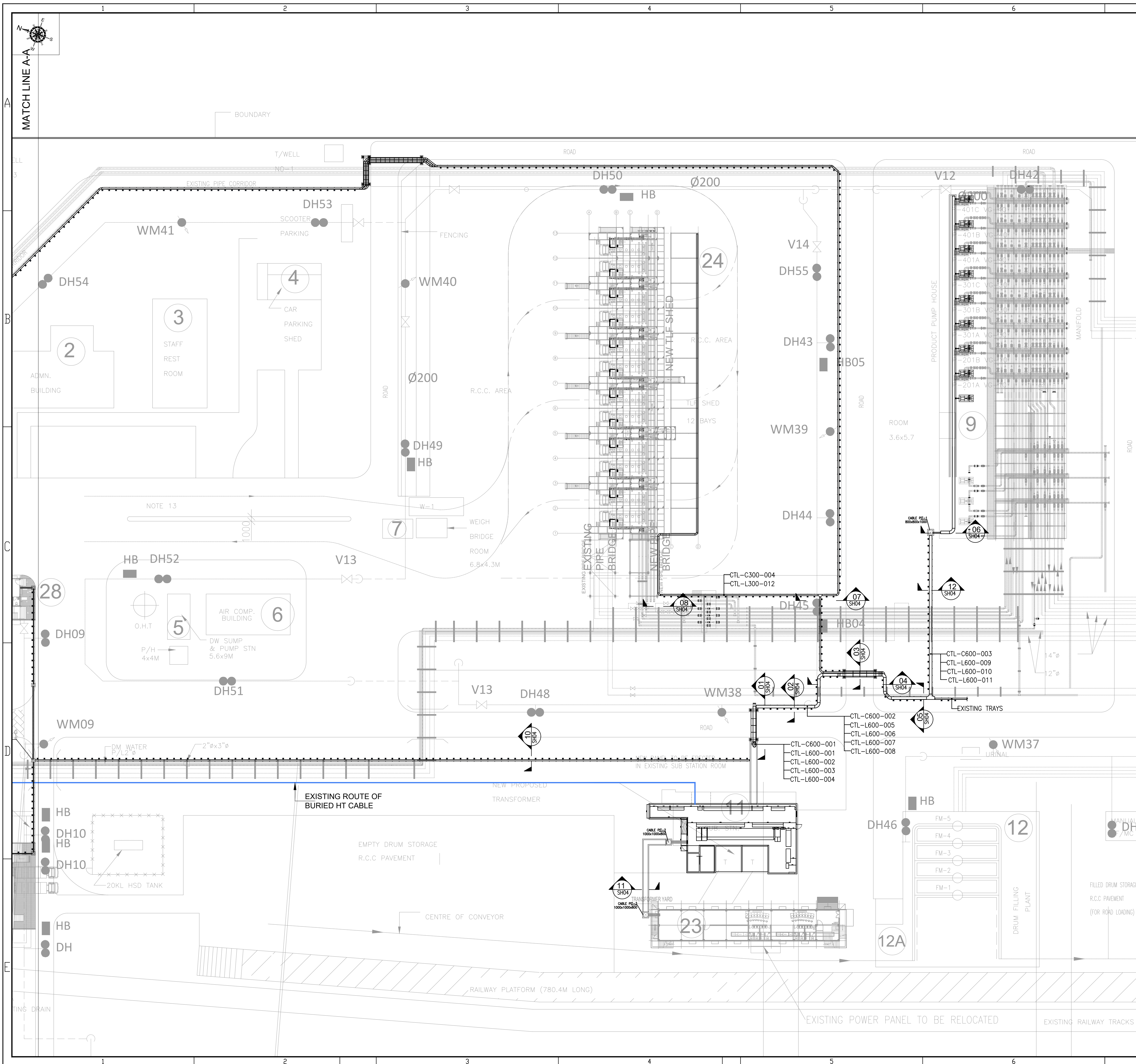
PRODUCT TANK DETAILS						
TANK NO.	TYPE	TANK SIZE	PRODUCT NAME	CAPACITY	TANK NO.	TYPE
TANK FARM AREA - 1					TANK FARM AREA - 4	
101A	AGVT	13MØ X 16M HT	BITUMEN-VG40	2100KL	101K	AGVT
101B	AGVT	13MØ X 16M HT	BITUMEN-VG40	2100KL	101J	AGVT
101C	AGVT	13MØ X 16M HT	BITUMEN-VG40	2100KL	102F	AGVT
101D	AGVT	13.5MØ X 15M HT	BITUMEN-VG40	2150KL	102E	AGVT
102A	AGVT	10MØ X 11M HT	BITUMEN-VG30	860KL	CRMB TANK	
102B	AGVT	10MØ X 11M HT	BITUMEN-VG30	860KL	CRM 1	AGHT
102C	AGVT	10MØ X 11M HT	BITUMEN-VG30	860KL	CRM 2	AGHT
TANK FARM AREA - 2					CRM 3	AGHT
101E	AGVT	20MØ X 16M HT	BITUMEN-VG10	5060KL	CRM 4	AGHT
102D	AGVT	20MØ X 16M HT	BITUMEN-VG40	5060KL	CRM 5	AGHT
TANK FARM AREA - 3					CRM 6	AGHT
101F	AGVT	8MØ X 10.5M HT	BITUMEN-VG40	530KL	HSD TANK	
101G	AGVT	8MØ X 10.5M HT	BITUMEN-VG40	530KL	THSD	UGHT
101H	AGVT	8MØ X 10.5M HT	BITUMEN-VG10	530KL	TANK FARM AREA-5	
101I	AGVT	8MØ X 10.5M HT	BITUMEN-VG10	530KL	102G	AGVT
					102H	AGVT

DESCRIPTION			
S.No.	DESCRIPTION	SIZE (IN METER)	S.No.
1	SECURITY ROOM	4M X 4.5M	14
1A	S & D	4M X 4.5M	15
2	ADMIN BUILDING	19M X 32M	16
3	AMENITY BUILDING	15M X 25M	17
4	CAR PARKING	10M X 15M	18
5	DRINKING WATER PUMP HOUSE	6M X 9M	19
6	COMPRESSOR ROOM	9M X 18M	20
7	WEIGH BRIDGE ROOM	5M X 8M	21
8	T L F SHED	13M X 66M	22
9	PRODUCT PUMP HOUSE - 1	10M X 76M	23
10	STORE SHED	15M X 26M	24
11	PMCC ROOM	18M X 32M	25
12	DRUM FILLING PLANT	30M X 34M	26
12A	DRUM FILLING CONTROL ROOM	6M X 10M	27
13	WORK SHOP SHED	5M X 20M	28

A	27.05.2026				
Rev.	D M Y	Modifications	Drawn	Checked	Validated
LOA NO. HCC/248/ ENGG-07/PT-21/2022-23/ LOA Dated 21. 10. 2022		SAP PO number: XXXXXXXX			
OWNER / CLIENT		INDIAN OIL CORPORATION LIMITED			
PROJECT		EPCM FOR BITUMEN HANDLING FACILITY			
SUBJECT		PA SYSTEM LAYOUT AUGMENTATION / REVAMPING AT EXISTING BITUMEN DRUM FILLING PLANT - MATHURA			
TRACTEBEL		Size	Scale	Sheet	Rev.
TRACTEBEL Engineering pvt. Ltd.		A1	1:1100	1 OF 1	0
Project No.		Discipline Code	System Code	Serial No.	
P.020785		G	21095	P201	







KEYPLAN

NOTES

1. FOR NOTES, LEGEND, BOQ, & REFERENCE DRAWINGS PLEASE REFER TO SHEET 01 OF THIS DRAWING.

S.NO.	LEGEND	DESCRIPTION	QTY.
1.		50 MM NB HDPE CONDUIT	200 M
2.		100 MM NB HDPE CONDUIT	200 M
3.		150 MM NB HDPE CONDUIT	100 M
4.		600x100 MM WIDE - LADDER TYPE	450 M
5.		300x100 MM WIDE- LADDER TYPE	200 M
6.		600x100 MM WIDE - PERFORATED TYPE	600 M
7.		300x100 MM WIDE - PERFORATED TYPE	1800 M
8.		150x100 MM WIDE - PERFORATED TYPE	250 M
9.		50x50 MM WIDE - PERFORATED TYPE	300 M

ISSUED FOR CONSTRUCTION

Rev.	D	M	Y	Modifications	Drawn	Checked	Validated	Approved
0	05.02.2026			ISSUED FOR CONSTRUCTION	SSI	BSV	RND	KNS
A	22.02.2024			ISSUED FOR COMMENTS	SSI	BSV	RND	KNS

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, All Yavar Jung Marg, Bandra East, Mumbai- 400051

PROJECT

EPCM FOR BITUMEN HANDLING FACILITY

SUBJECT

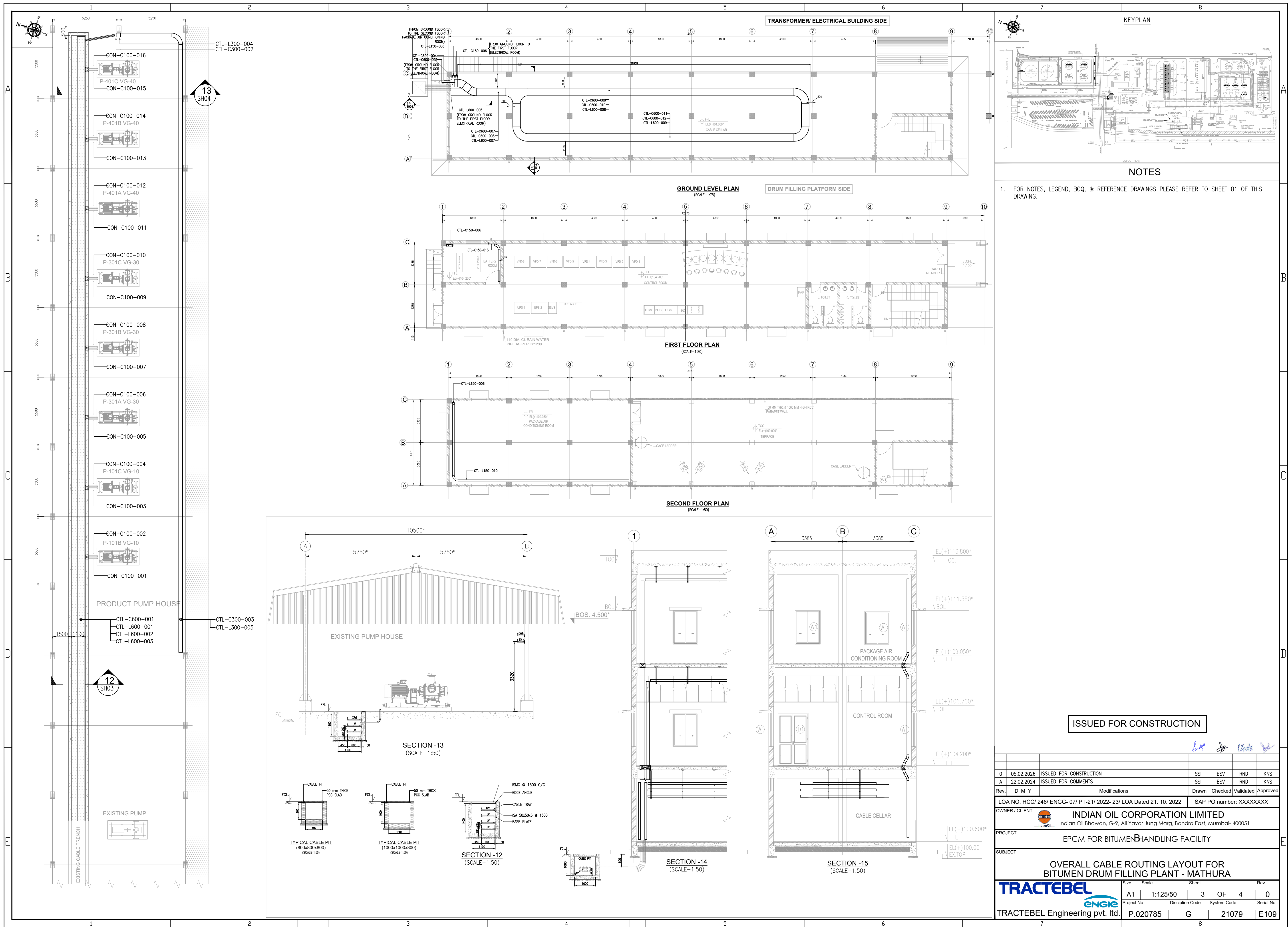
OVERALL CABLE ROUTING LAYOUT FOR BITUMEN DRUM FILLING PLANT - MATHURA

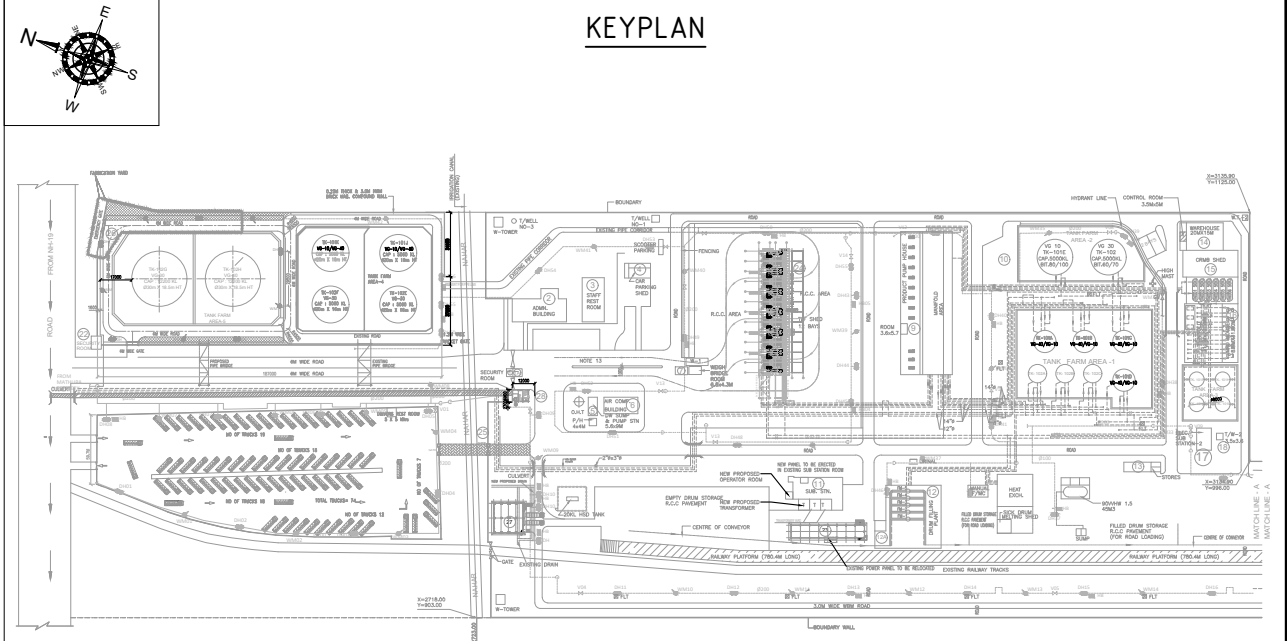
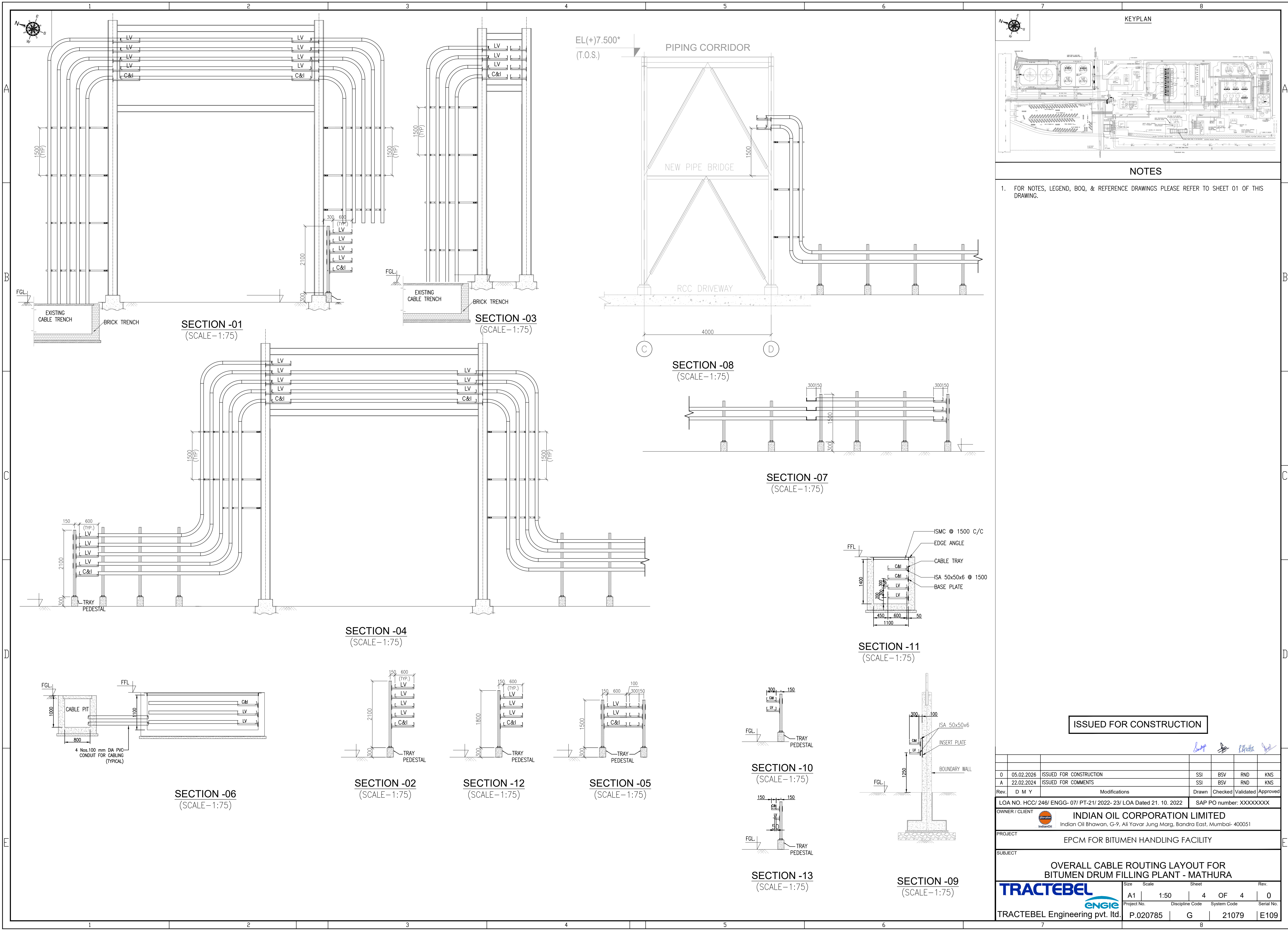
TRACTEBEL

ENGI

TRACTEBEL Engineering pvt. ltd.

Size	Scale	Sheet	Rev.
A1	1:400	2 OF 4	0
Project No.	Discipline Code	System Code	Serial No.
P.020785	G	21079	E109





NOTES

1. FOR NOTES, LEGEND, BOQ, & REFERENCE DRAWINGS PLEASE REFER TO SHEET 01 OF THIS DRAWING.

ISSUED FOR CONSTRUCTION

Rev.	D	M	Y	Modifications	Drawn	Checked	Validated	Approved
0	05.02.2026			ISSUED FOR CONSTRUCTION	SSI	BSV	RND	KNS
A	22.02.2024			ISSUED FOR COMMENTS	SSI	BSV	RND	KNS
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			
SUBJECT					OVERALL CABLE ROUTING LAYOUT FOR BITUMEN DRUM FILLING PLANT - MATHURA			
TRACTEBEL		Size		Scale	Sheet		Rev.	
A1		1:50		4	OF 4		0	
TRACTEBEL Engineering pvt. ltd.		Project No.		Discipline Code	System Code		Serial No.	
P.020785		G		21079	E109			