REF. DWG. NO.	REFERENCE DRAWING TITLE
OVERALL PLOT PLAN	6907-010-16-47-0001
EQPT. L/O LLDPE/HDPE	6907-117-16-43-0001/4 (OPEN)
EIL ELECTRICAL STANDARD	7-51-0302,0303,0305,0306,0307,0308,0309,0311 TO 0315,0317,0318,0324

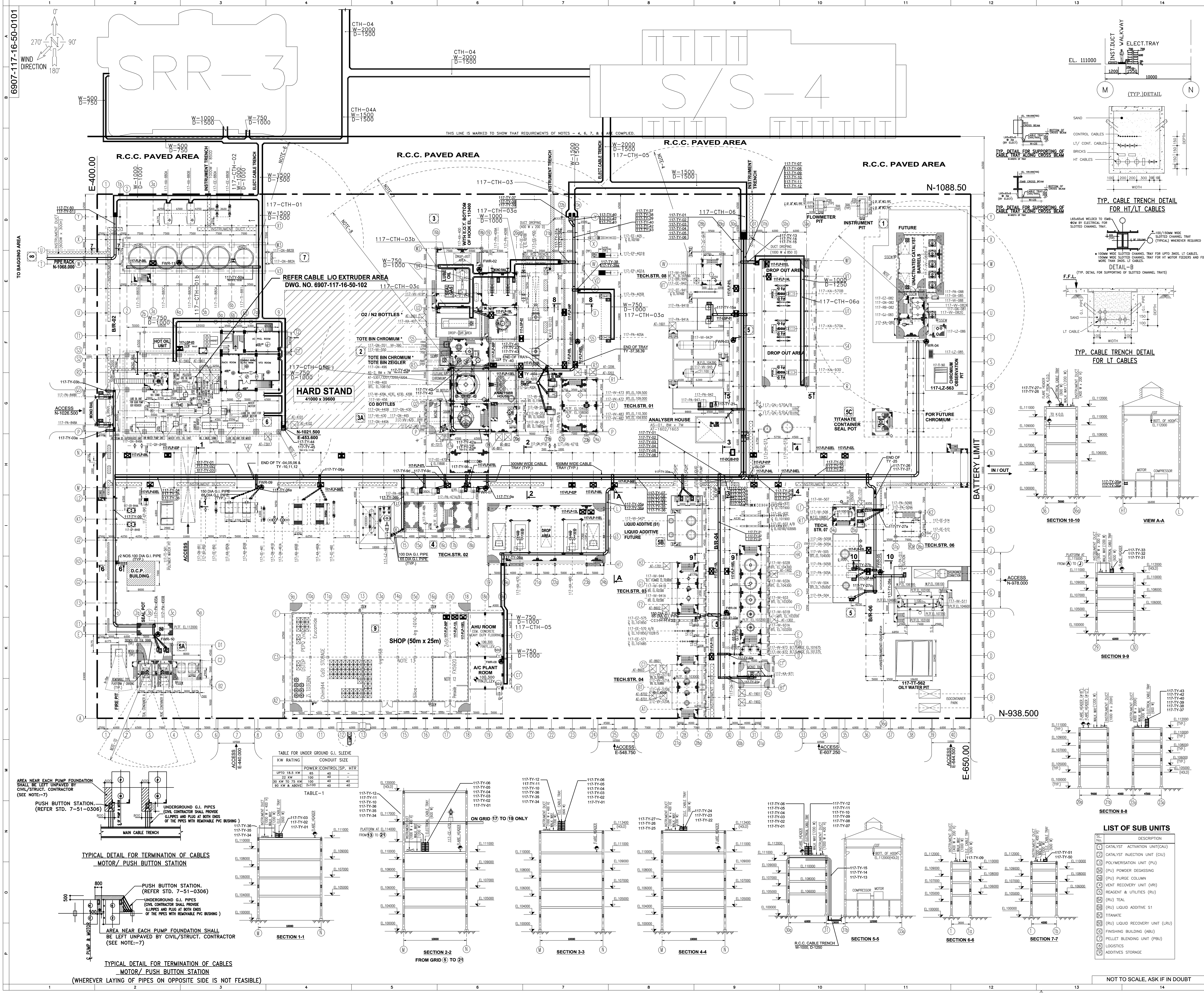


TABLE FOR UNDER GROUND G.I. SLEEVE

KW RATING	CONDUIT SIZE		
	POWER	CONTROL	SP. HTR
UPTO 18.5 KW	65	40	–
22 KW	100	40	–
30 KW TO 75 KW	100	40	40
90 KW & ABOVE	2x100	40	40

TABLE-1

LIST OF SUB UNITS

SL. No.	DESCRIPTION
1	CATALYST ACTIVATION UNIT(CAU)
2	CATALYST INJECTION UNIT (CIU)
3	POLYMERISATION UNIT (PU)
3A	(PU) POWDER DEGASSING
3B	(PU) PURGE COLUMN
4	VENT RECOVERY UNIT (VRI)
5	REAGENT & UTILITIES (RU)
5A	(RU) TEAL
5B	(RU) LIQUID ADDITIVE S1
5C	TITANATE
5D	(RU) LIQUID RECOVERY UNIT (LRU)
6	FINISHING BUILDING (ABU)
7	PELLET BLENDING UNIT (PBU)
8	LOGISTICS
9	ADDITIVES STORAGE

NOTES :-

1. FOR GENERAL NOTES OF CABLING REFER DOCUMENT NO. 6907-156-16-50-4100
2. FOR EXACT LOCATION OF CABLE TRENCHES INSIDE LLDPE UNIT, REFER U/G PIPING AREA DRAWING & FOR OUTSIDE THE UNIT, REFER RESPECTIVE GENERAL CIVIL AREA DRAWING.
3. ALL CABLE TRENCHES SHALL BE FILLED WITH SAND AFTER LAYING OF CABLES TO AVOID INGRESS OF HYDROCARBONS/WATER ETC.
4. IN GENERAL, PB STN. HAVE NOT BEEN SHOWN IN THIS LAYOUT DRG. DUE TO SPACE CONSTRAINT HOWEVER, THESE SHALL BE PROVIDED FOR ALL MOTORS AS PER CABLE SCHEDULE.
5. FOR CABLE TAG NOS. REFER CABLE SCHEDULE.
6. CABLING FOR AUXILIARY EQUIPMENT LIKE LUBE OIL, SEAL OIL PUMPS ETC. WHICH ARE NOT SHOWN IN THE DRAWING SHALL BE SUITABLY DECIDED AT SITE AS PER SITE CONVENIENCE.
7. UNPAVED AREA NEAR PUMP FOUNDATION SHALL BE SAND FILLED, COMPACTED AND SUITABLY SEALED WITH LEAN CONCRETE, TO AVOID INGRESS OF HYDROCARBONS/WATER ETC.
8. LOCATION OF UNDERGROUND G.I.PIPES SHOWN IN THE DRAWING IS INDICATIVE ONLY. EXACT LOCATION OF THESE G.I. PIPES SHALL BE DECIDED AT SITE AS PER COLUMN/VESSEL PLATFORM'S LADDER LOCATION.
9. FOR EXACT LOCATION OF LIGHTING/POWER PANELS, REFER LLDPE LIGHTING LAYOUT DRAWING NO. 6907-117-16-50-0201.

This is a system generated approved document and does not require a signature

BILL OF MATERIAL

TENDER ITEM NO.	DESCRIPTION	UNIT	QTY.
E104.01.02	INSTALLATION OF WELDING RECEPT.	NOS.	11
E207.01.01	40mm DIA G.I. SLEEVE	MTR.	300
E207.01.03	65mm DIA G.I. SLEEVE	MTR.	125
E207.01.05	100mm DIA G.I. SLEEVE	MTR.	300
E208.01.00	STRUCTURAL STEEL	KGS.	2250
E208.04.01	PB STN. SUPPORT AS PER STD. 7-51-0306	NOS.	27
E209.01.01	300mm WIDE CABLE TRAY	MTR.	75
E209.01.03	600mm WIDE CABLE TRAY	MTR.	4400
E209.01.59	600mm WIDE HORIZONTAL BEND	NOS.	28
E209.01.61	300mm WIDE VERTICAL OUTSIDE BEND	NOS.	1
E209.01.67	600mm WIDE VERTICAL INSIDE BEND	NOS.	2
E209.01.63	600mm WIDE VERTICAL OUTSIDE BEND	NOS.	39
E209.03.01	100mm WIDE SLOTTED CHANNEL TRAY	MTR.	325
E209.03.02	150mm WIDE SLOTTED CHANNEL TRAY	MTR.	175
E209.04.00	20 GAUGE G.I. SHEET COVER	SQ.M	125

LEGEND:-

- G.I. PIPE SLEEVE
- FLP WELDING RECEPTACLE
- PUSH BUTTON STATION
- ELECTRICAL CABLE TRAY
- ELECTRICAL CABLE TRENCH

REV.	DATE	REVISIONS	BY	CHKD	APPD	PEM/PC
1	21.02.12	REVISED AS PER LATEST EQPT. LAYOUT & REISSUED	PC	RKS/HK	BRB	
0	04.05.10	ISSUED FOR CONSTRUCTION	BP	RKS/VKJ	AKS/AK	

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लेपेटकटा, डिब्रूगढ़ असम
एल.एल.डी.पी.ई./ एच.डी.पी.ई. प्लांट
(क्षमता 220,000 टी. पी. ए. ,
लाईसैंसर :- ईनोस टेक्नोलिजी)

BRAHMAPUTRA PETROCHEMICAL COMPLEX
LEPETKATA, DIBRUGARH ASSAM
LLDPE / HDPE PLANT
(CAP. - 220,000 TPA ,
LICENSOR :- INEOS TECHNOLOGIES)

केबल ट्रै ट्रैन्च अभिविन्यास व्यवस्था आरेख

CABLE TRAY / TRENCH LAYOUT

SCALE	JOB NO.	UNIT	DIVN.	DEPT.	DWG. NO.	REV.
1:350	6907	117	16	50	0101	1

NOT TO SCALE, ASK IF IN DOUBT

प्रस्तुत आरेख एवं इसमें निहित डिज़ाइन इंजीनियर्स इंडिया लिमिटेड की संपत्ति है। ये मात्र उधार दिए गए हैं और उधारकर्ता ने यह स्पष्ट समझौता किया है कि न तो उन्हें पुनः मुद्रित किया जाएगा, न नकल की जाएगी, न उधार दिए जाएंगे, न प्रदर्शित किए जाएंगे और न ही सीमित और निजी प्रयोग के अलावा इनका कोई अन्य प्रयोग होगा और यह प्रयोग उधार देने वाले द्वारा उधारकर्ता को लिखित रूप में दी गई सहमति से होगा ।

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