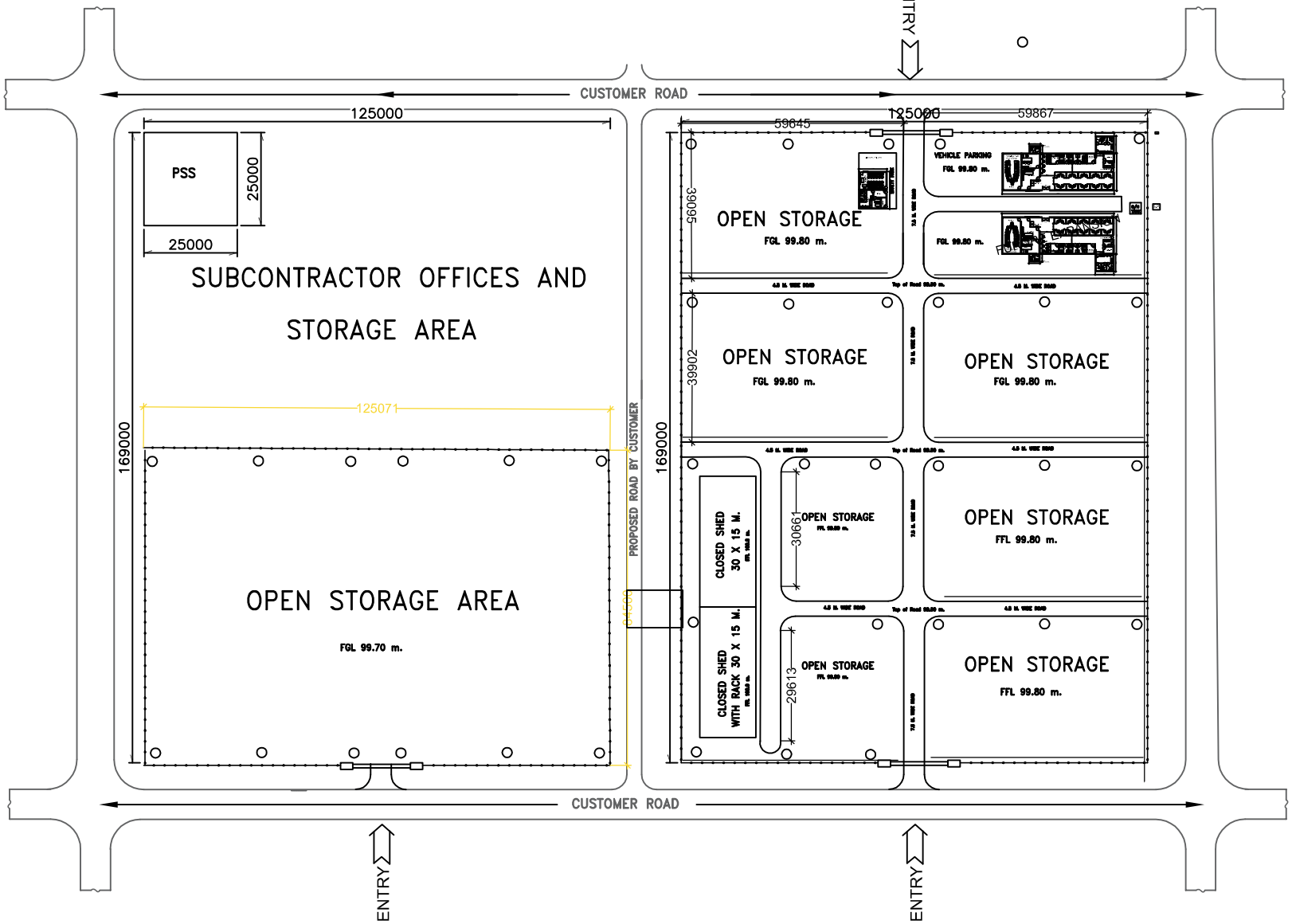
FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)

ORG. NO. 1-381420-0336 1

SHT. 1 OF 1



BHEL SITE AREA 2 x 125m. X 169m.

LEGEND:

- ELECTRICAL LIGHTING POLES
- CHAIN LINK FENCE, 2.15 M. HIGH
- STORM WATER DRAIN, SLOPE 1:250
- S.P — SOAK PIT
- MAIN GATE

CROSS-SECTIONAL DETAIL OF DRAINS:

A – VARIES FROM 300MM TO 600MM
B – 75MM THICK COMPACTED P.C.C.(M10)

CROSS-SECTIONAL DETAIL OF ROADS:

X – 75MM THICK COMPACTED WBM
Y – 75MM THICK COMPACTED WBM
Z – 230MM THICK COMPACTED BOULDER SOLING

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. THE LAYOUT IS TENTATIVE. ORIENTATION AND SIZING MAY BE CHANGED BASED ON THE EXACT LOCATION OF THE AREA PROVIDED BY CUSTOMER FOR BHEL SITE OFFICE, STORAGE & FAB. YARDS, ETC.
3. FINISH GROUND LEVEL : 99.7 M.

TENTATIVE DETAIL OF STORE BUILDING(2 NOS. 15X30M.):

1. PRE FABRICATED STEEL STRUCTURE WITH PRECOATED SHEET ROOF & WALL CLADDING
2. FLOOR WILL BE 150 MM THICK M–15 CONCRETE.

TENTATIVE DETAIL OF OTHER INFRASTRUCTURE:

1. CHAIN LINK FENCING: Ht. – 2.150m.
2. DETAILS OF ROAD: TWO LAYERS OF WBM(TOTAL COMPACTED THICKNESS–150MM) OVER 230MM THICK BOULDER FILLING.
3. OPEN STORAGE/FABRICATION YARD: 100MM THICK COMPACTED HARD MURUM. APPROX DIMENSION OF EACH BLOCK 50 X 25 M.
4. OPEN STORAGE/CONCRETE HARD SURFACE: 200MM THICK P.C.C. 1:2:4
5. BHEL OFFICE– PORTA CABIN – 20X10' – 4 NOS.
6. CONFERENCE HALL– PORTA CABIN – 40X10' – 1 NOS.
7. KITCHEN/PANTRY– PORTA CABIN – 10X10' – 1 NOS.
7. TOILET BLOCK– PORTA CABIN – 10X10' – 2 NOS.

PROPOSED PLAN FOR STORE CONSTRUCTION WORKS - 1x150 MW BTG AT ADITYA ALUMINUM AT LAPANGA, SAMBALPUR, ODISHA

TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT: CONSTRUCTION OF STORAGE YARD FOR 1X150 MW BTG FOR ADITYA HINDALCO LAPANGA

BHARAT HEAVY ELECTRICALS LTD. HYDERABAD

	NAME	SIGN	DATE	NO.OF VAR.
DRN.	NAIDU P.		17.09.25	NA
CHD.	MANOJ KUMAR		24.09.25	
APPD.	ARIF NAYER		26.09.25	

DEPT. / SUBCONT. CODE	UNTOL. DIMS. GR. /C/M/F	SCALE	WEIGHT (KG)	REF. TO ASSY. DRG.	ITEM NO.	NO.OF ITEMS
835		NOT TO SCALE	NA	NA	NA	NA

TITLE: LAYOUT PLAN ENABLING WORKS

CARD CODE: NA

DRAWING NO.: HINDALCO/ENAB/0001

REV.:

SHT. No 1 NO. OF SHT. 1

TENDER DRAWING

GENERAL DIMENSIONAL LIMITS,FITS & TOLERANCES AS PER HYD230261

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