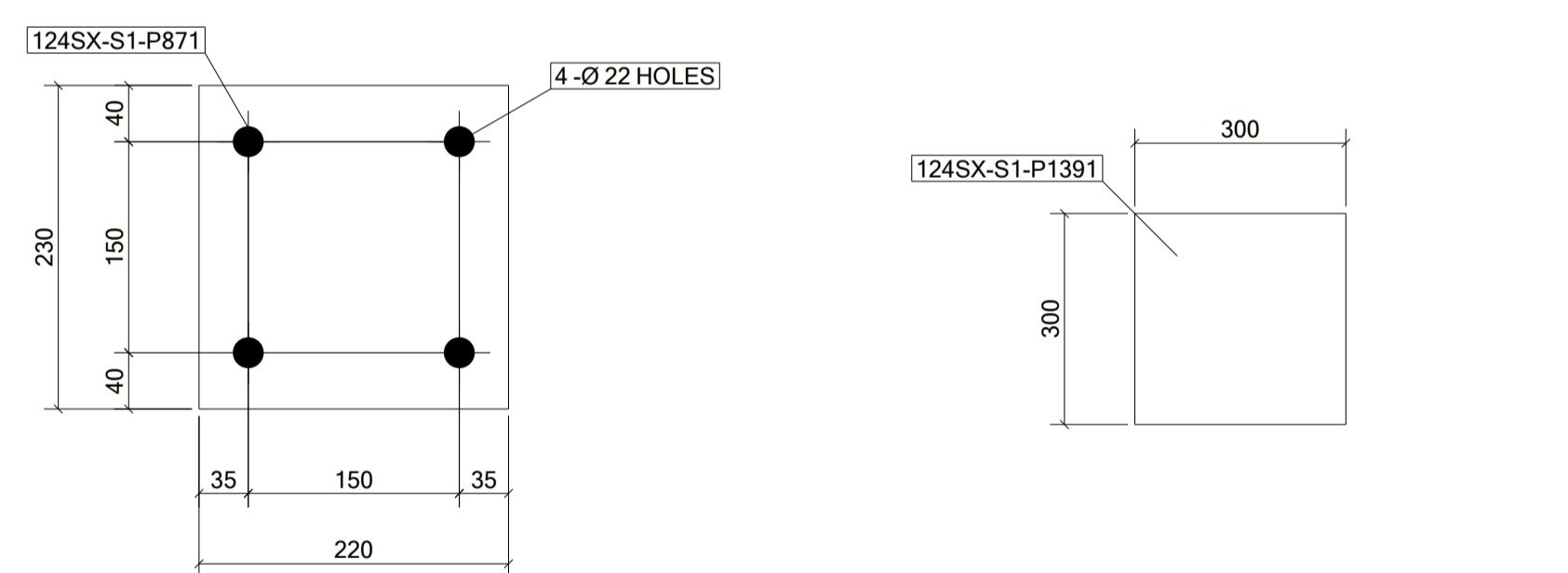
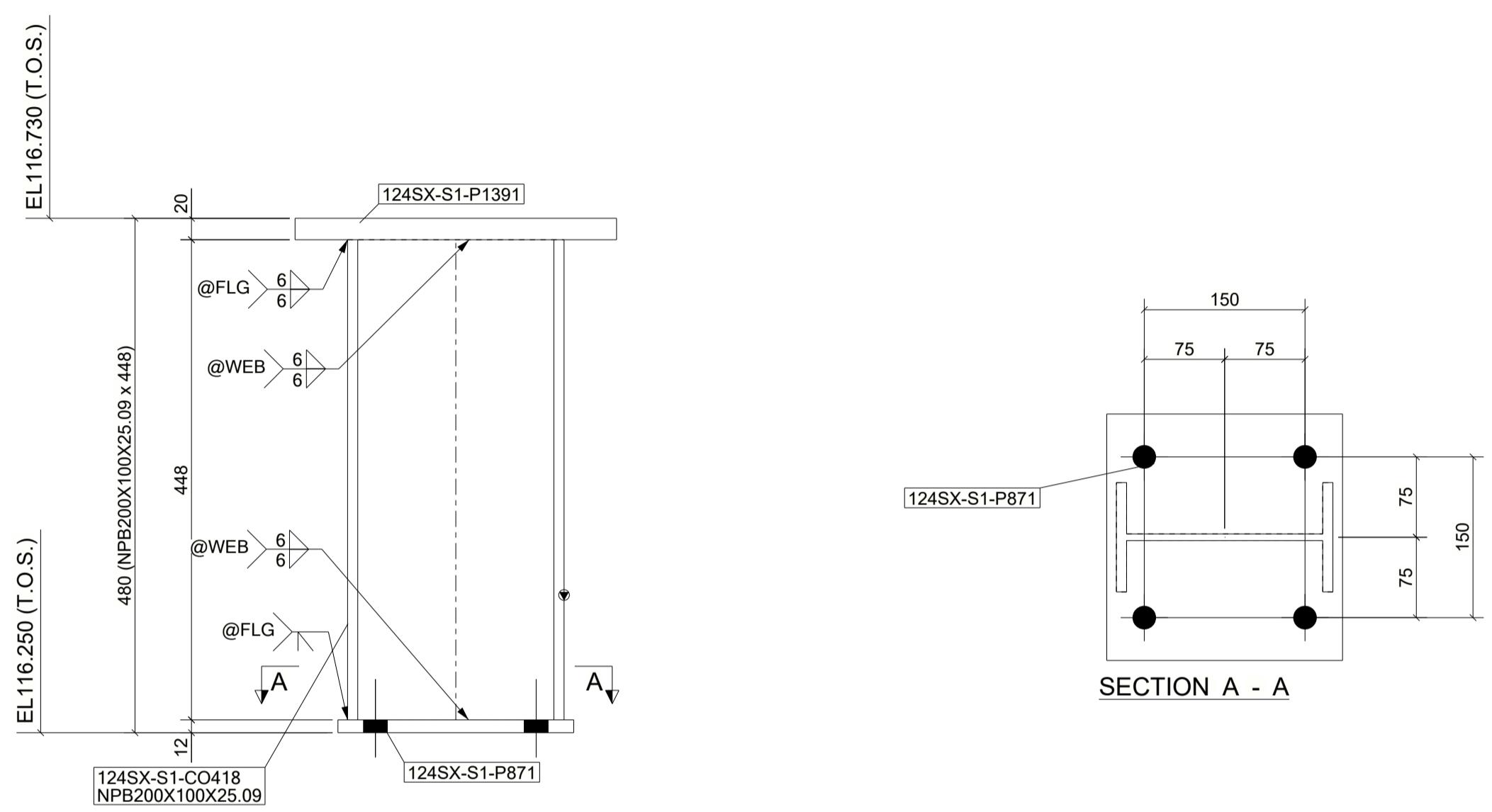


GRID LOCATION	
124SX-S1-CO418	A-B/1-2

BILL OF MATERIALS ASSEMBLY MKD' 124SX-S1-CO418							ASSY QTY : 3	
MARK	DESCRIPTION	GRADE	LENGTH (mm)	QTY.(Nos)	SURFACE AREA (M ²)	NET WT PER ITEM (Kg)	TOTAL WEIGHT (Kg)	REMARK
124SX-S1-CO418	NPB200X100X25.09	E350BR	448	1	0.36	10.81	10.81	
124SX-S1-P871	PL12*230	E350BR	220	1	0.11	4.77	4.77	
124SX-S1-P1391	PLT20*300	E350BR	300	1	0.20	14.13	14.13	
WEIGHT FOR ONE ASSEMBLY : 29.70 (Kg)								
TOTAL WEIGHT : 29.70 x 3 = 89.11 (Kg)								

BOLT LIST ASSEMBLY MKD' : 124SX-S1-CO418 ASSY QTY : 3					
BOLT DIA	GRADE	LENGTH (mm)	QTY / ASSY	QTY/TOTAL	TYPE
M 20	8.8OK	60	4	12	Site



3 No. COLUMN REQUIRED AS DRAWN MARKED 124SX-S1-CO418

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETERS. ALL CO-ORDINATES, ELEVATIONS ARE IN METER UNO.
- DO NOT TAKE DIMENSION BY SCALING THE DRAWING.
- ◆ DENOTES SHOP MARK AND IT SHALL BE PROVIDED BY FABRICATOR ON FLANGE OF MEMBERS/FACE OF PLATE OF EACH ASSEMBLY AS SHOWN ON SHOP DETAIL DRAWING.SAME IS TO BE REFERRED FOR ORIENTATION DURING THE ERECTION OF ASSEMBLY.
- FOR GENERAL NOTES, ABBREVIATIONS AND OTHER DETAILS REFER DWG NO. &VHS-(124SX-SS1)-N-ZP 2011.100 (EN).

LEGENDS:

TOC	- TOP OF CONCRETE
TOGR	- TOP OF GRATING
TOS	- TOP OF STEEL
BOS	- BOTTOM OF STEEL
BOBP	- BOTTOM OF BASE PLATE
C/L	- CENTER LINE
BS	- BOTH SIDE
TYP	- TYPICAL
FGL	- FINISH GRADE LEVEL
CTR'D	- CENTERED
ASSY	- ASSEMBLY

Panipat Hydrogen Generation Unit
Praxair India Private Limited



Indian Oil Corporation Limited

Linde Plant/Project ID:	2910A70M	Client Project ID:	NA
Linde Plant/Project Code:	Panipat_HGU	Client Project Code:	NA
Project ID:	-	Project Code:	-
Item:	-		
Vendor:	VHS Engineering Services		
Title:	124SX-SS1	Scale:	1:5
DETAIL OF COLUMN MKD. 124SX-S1-CO418			Size: A1
STATUS	ISSUE	DATE	DESCRIPTION
PREPARED	REVIEWED	APPROVED	Linde Document No. &VHS-(124SX-SS1)-N-ZP 2012.C0418 (EN) Issue: 01 Sheet: 1 OF 1

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