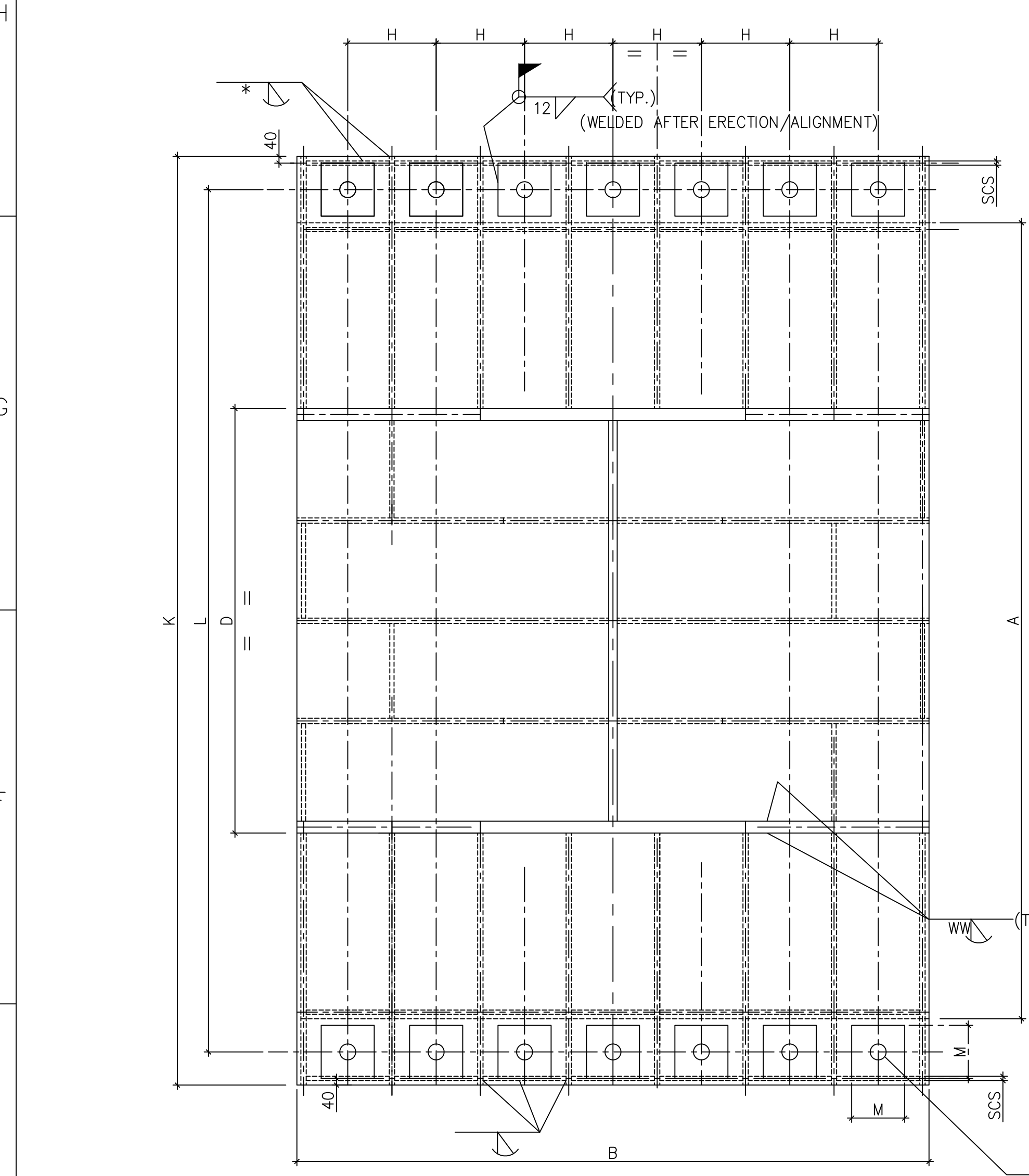
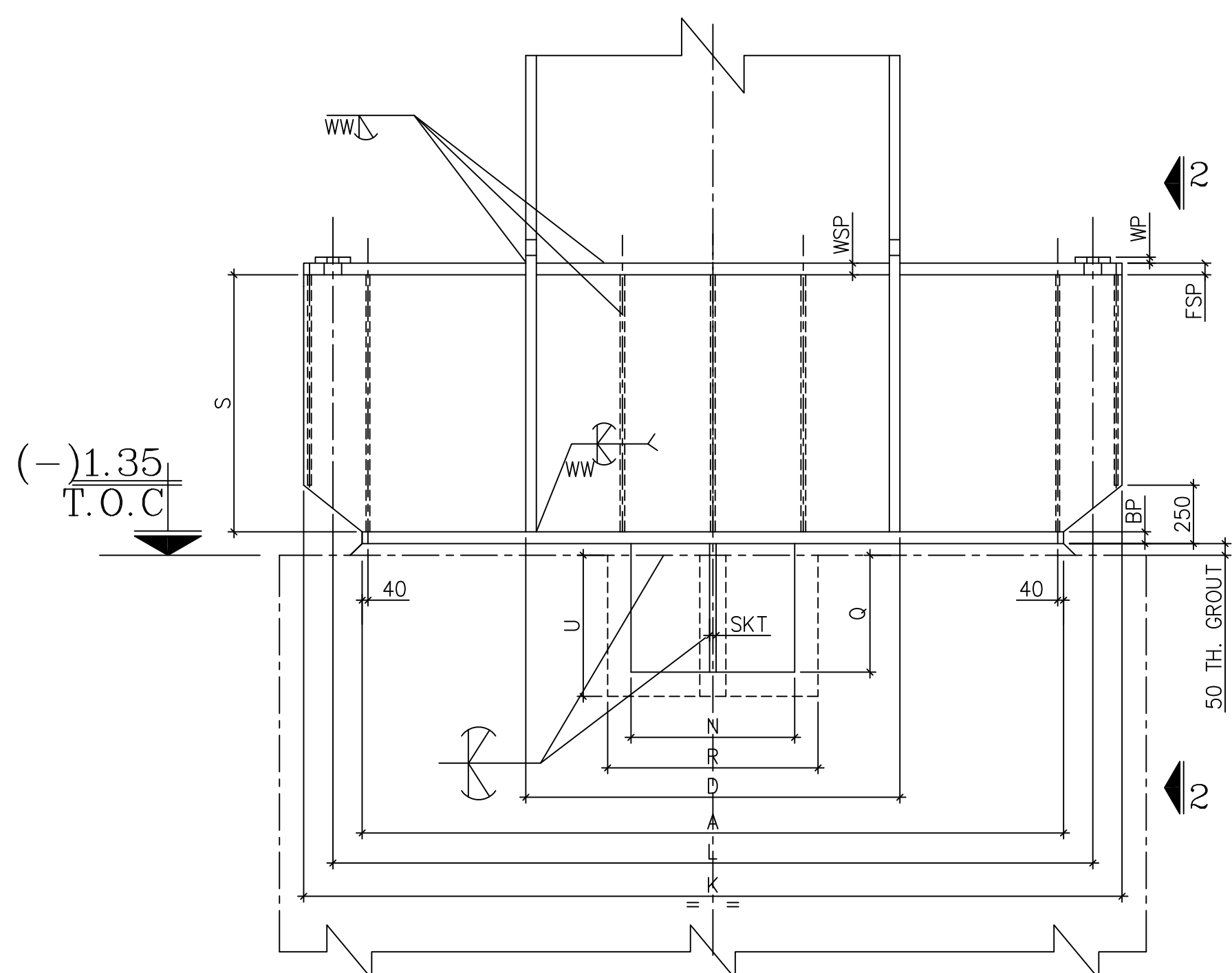


CAD FILE NAME: C:\3061027 data\Yakar\Fdr\monbh\NEW PROJECTS\4x600MW OPJ STPP PHASE-III\EnggDrg\VDN LOAD C012\RO\PE-DG-329-616-C012 PE-DG-329-616-C012
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It must not be used directly or indirectly in any way detrimental to the interest of the company.

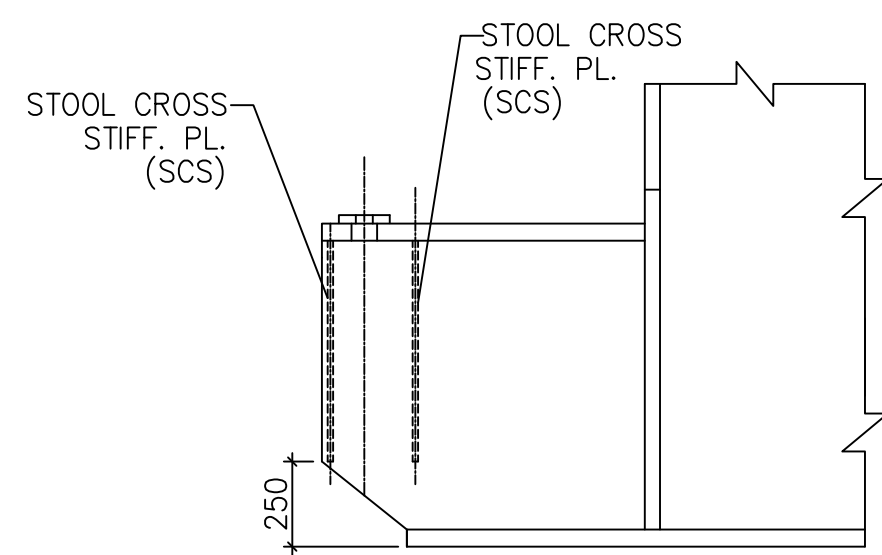
PE-DG-329-616-C012
DRAWING NO.



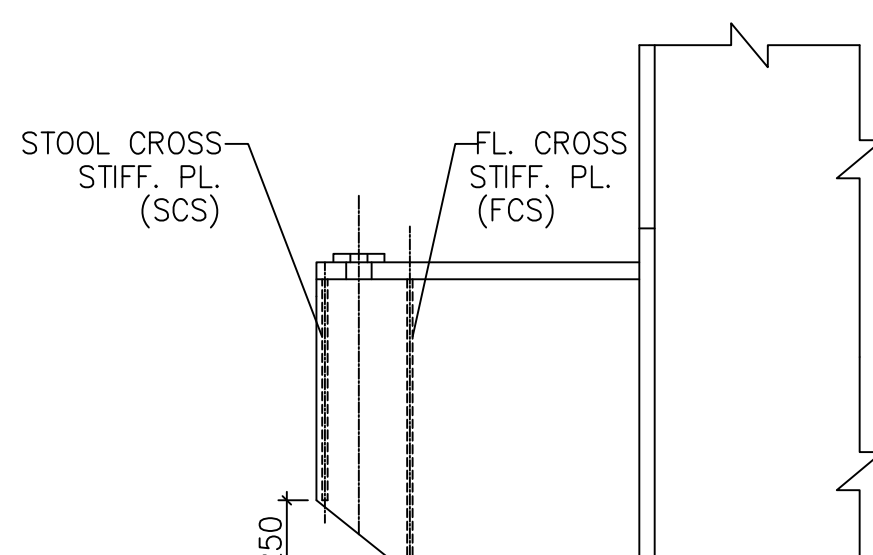
SECTION 4-4
(WELDING MKD. THUS * SHALL BE DONE AFTER ERECTION,
GROUTING BUT BEFORE FINAL TIGHTENING OF BOLTS)



VIEW A-A



SECTION 5-5



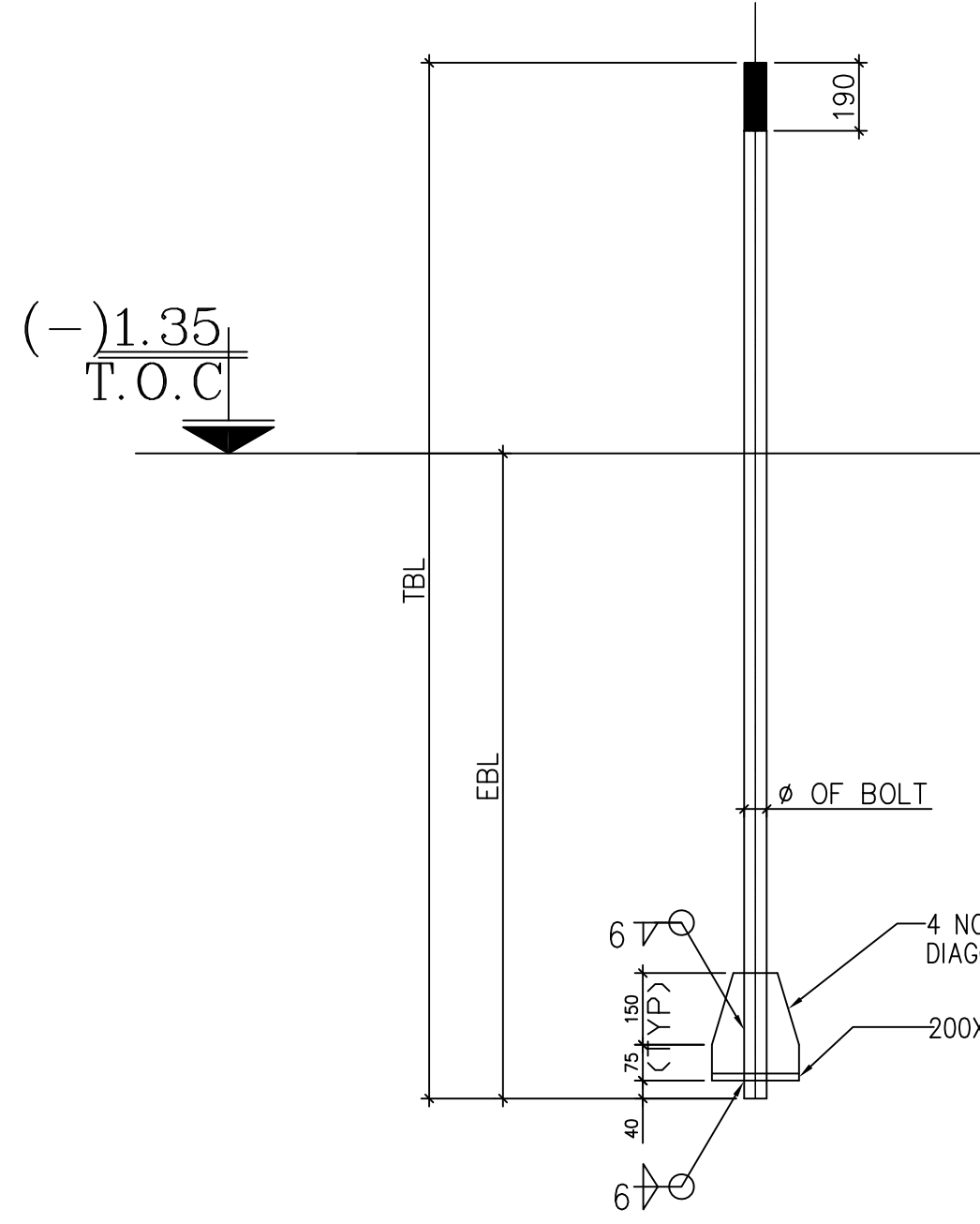
SECTION 6-6

BASE PL. SCHEDULE

ITEM MKD.	SIZE	NOS. / COLUMN	REMARKS
BP	50	1	BASE PL WITH 6-50 Ø GROUT HOLES.
FSP	50	2	STOOL PL.WITH 8- * Ø BOLT HOLES.
TF	50	4	PL. BUTT WELDED TO COL. FL. PL.
FS	32	16	FL. STIFF. PL.
WS	32	6	WEB STIFF. PL.
WP	25	14	WASHER PL. WITH 1-** Ø BOLT HOLE
FCS	32	14	FL. CROSS STIFF. PL.
WCS	25	8	WEB CROSS STIFF. PL.
SCS	25	14	STOOL CROSS STIFF. PL.
WSP	50	2	WEB STOOL PL.
SKT	50	2	SHEAR KEY

* Ø HOLES. = DIA. OF BOLT + 10 MM
** Ø HOLES. = DIA. OF BOLT + 3 MM

DIM MKD.	SIZE						REMARKS
	M-E & N-E	M-F & N-F	M-G & N-G	M-H & N-H	M-J & N-J	M-K & N-K	
A	3200		3200			2600	BASE PLATE
B	1600		1800			1350	
C	660		1000			660	COLUMN WIDTH
D	1800		1800			1800	COLUMN DEPTH
E	215		245			210	C/C SPACING OF FLANGE STIFFNER
G	450		450			450	C/C SPACING OF WEB STIFFNER
H	215		245			210	
K	3640		3640			3040	E/E OF STOOL PL.
L	3400		3400			2800	C/C OF BOLT
M	160		160			160	WASHER PL.
N	750		1250			750	SHEAR KEY
P	750		1250			750	
Q	150		160			150	
R	900		1400			900	GROUTING WIDTH
S	850		1000			750	HEIGHT OF STIFFNER
T	14		14			12	NO. OF BOLT
U	200		210			200	GROUTING DEPTH
TW	40		45			40	THICKNESS OF COL. WEB PL.
EBL	1200		1400			1100	EMBEDDED BOLT LENGTH
TBL	2415		2765			2215	TOTAL BOLT LENGTH



DETAIL OF BOLTS.
(ALL BOLTS SHALL HAVE 2 NOS. OF NUTS.)

BILL OF MATERIALS(APPROX)

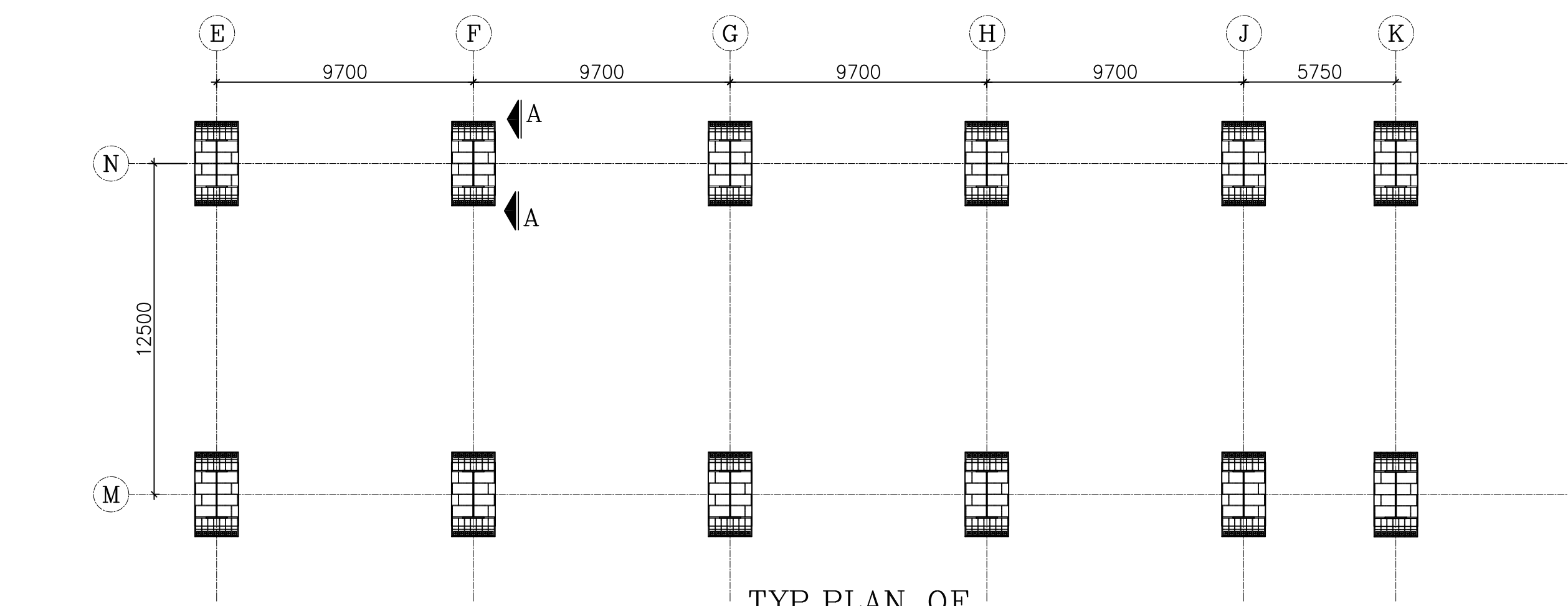
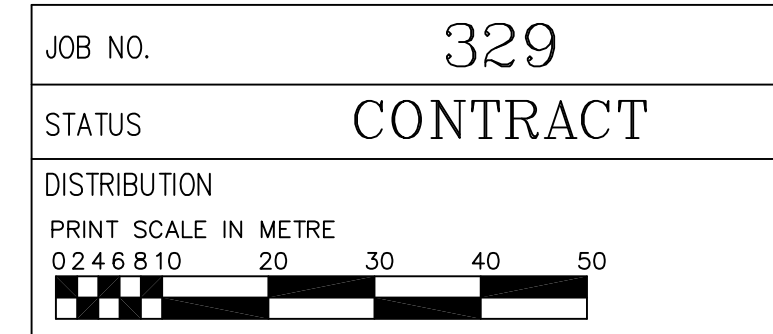
MATERIAL/PLATES	WT (T)
50 THK. PLATE	670.0
32 THK. PLATE	565.0
25 THK. PLATE	60.0
TOTAL	1295.0

FOR FOUNDATION LOADING REFER DOC. NO.
PE-DC-329-616-C003 TITLED AS FOUNDATION
LOADING & DESIGN OF BASE PLATES FOR MILL
& BUNKER BAY COLUMNS.

TABLE - A

(SHOWING SIZE OF WELD)
(REF. NOTE OF DRG. NO. 612-C003)

PL. THICKNESS.	WW (SIZE OF WELD IN MM)	SW(Minimum) (SIZE OF WELD IN MM)
8 & 10		6
12		8
16 & 20		12
25		14
28 & 32		20
36 & 40		20
45 & 50		25



The drawing is based on referenced/assumed loading data for the duct loadings, interconnections & others and submitted for comments/approval only. Interface engineering is in progress after which only, any engineering activity can start.

FOR PLANNING PURPOSE ONLY

NOTES

- ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE SPECIFIED.
- FOR ALL OTHER GEN. NOTES AND DETAILS REF. DRG.PE-DG-329-616-C011
- ALL HOLDING DOWN BOLTS SHALL BE M.S. AS PER IS:2062
- ALL ELEVATIONS ARE REFERRED TO THE FINISHED FLOOR LEVEL OF POWERHOUSE 0.0M FLOOR WHICH CORRESPONDS TO RL----M.

CUSTOMER'S CONSULTANT : DEVELOPMENT CONSULTANT PVT LTD., KOLKATA

CUSTOMER : O.P. JINDAL SUPER THERMAL POWER PLANT
4 X 600 MW UNITS PHASE-III
JINDAL POWER LIMITED RAIGARH

DEPT CODE	NAME	SIGN	DATE
DRN	MGA	sd/-	30.09.09
DESN	MGA/LP	sd/-	30.09.09
CHD	MP	sd/-	05.10.09
APPD	RK	sd/-	07.10.09

TITLE :- MILL AND BUNKER BUILDING
GA & FOUNDATION LOADING WITH BASE PLATE DETAILS

CIVIL	MPL	ELEC	C&I	MSE	MAX	DEPT.	SCALE 1:100	DRAWING NO.
								PE-DG-329-616-C012
						SIGN		
						DATE		

SHEET 1 OF 1 REV. 0