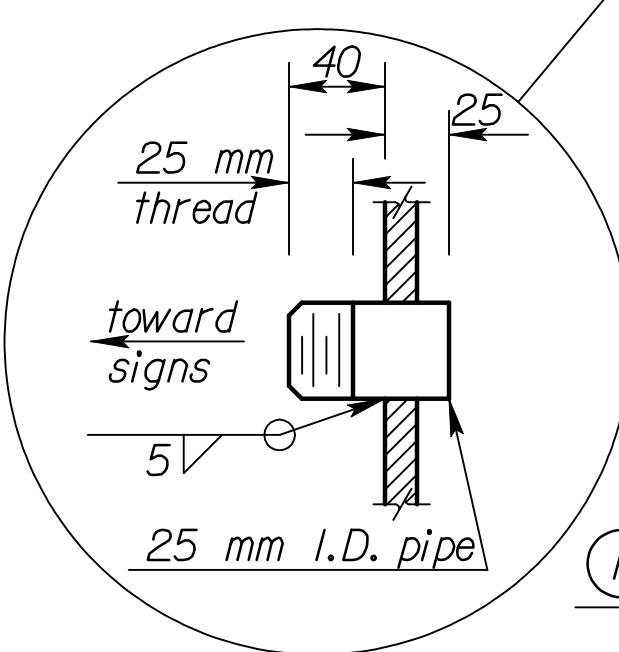
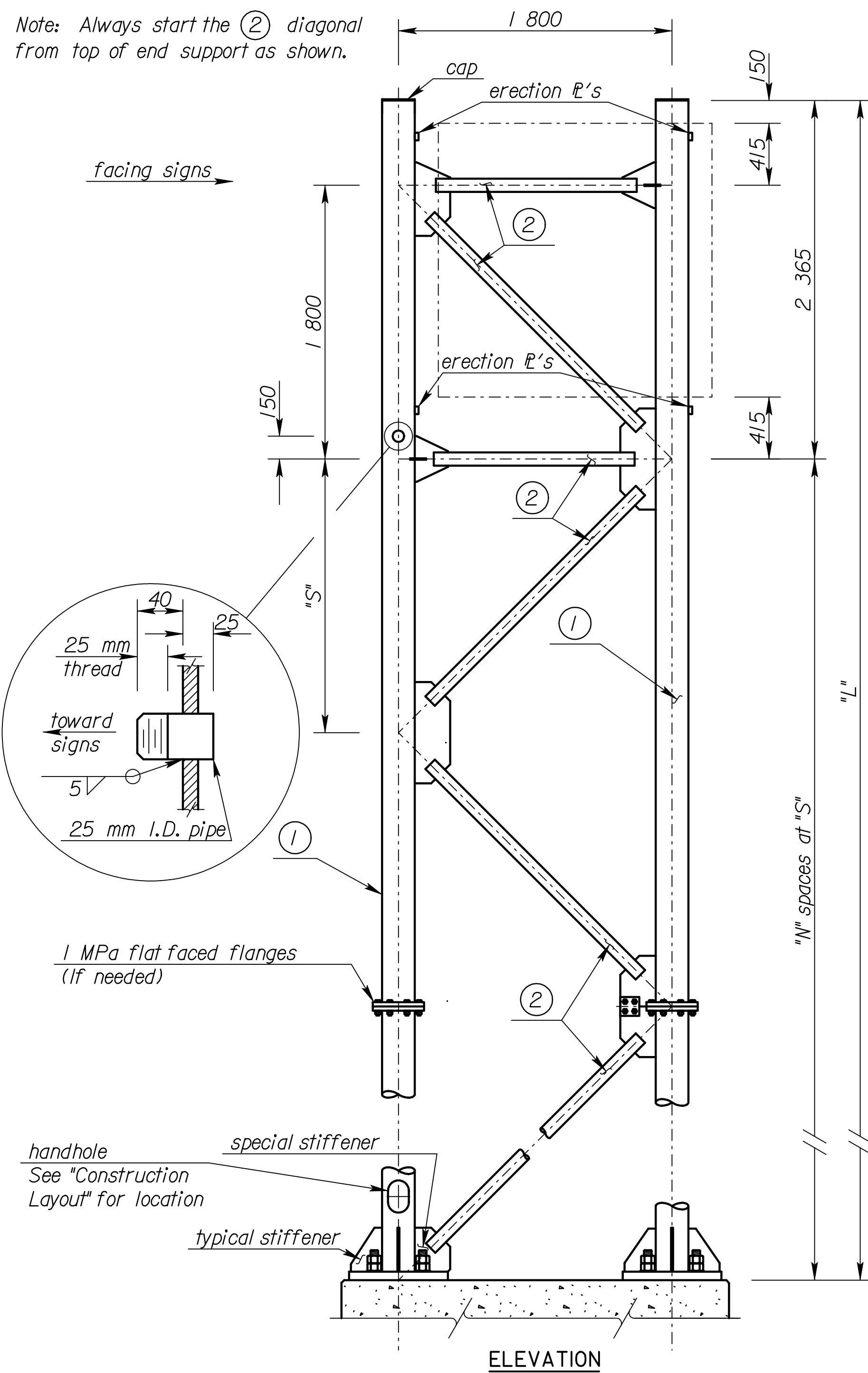


Note: Always start the ② diagonal from top of end support as shown.

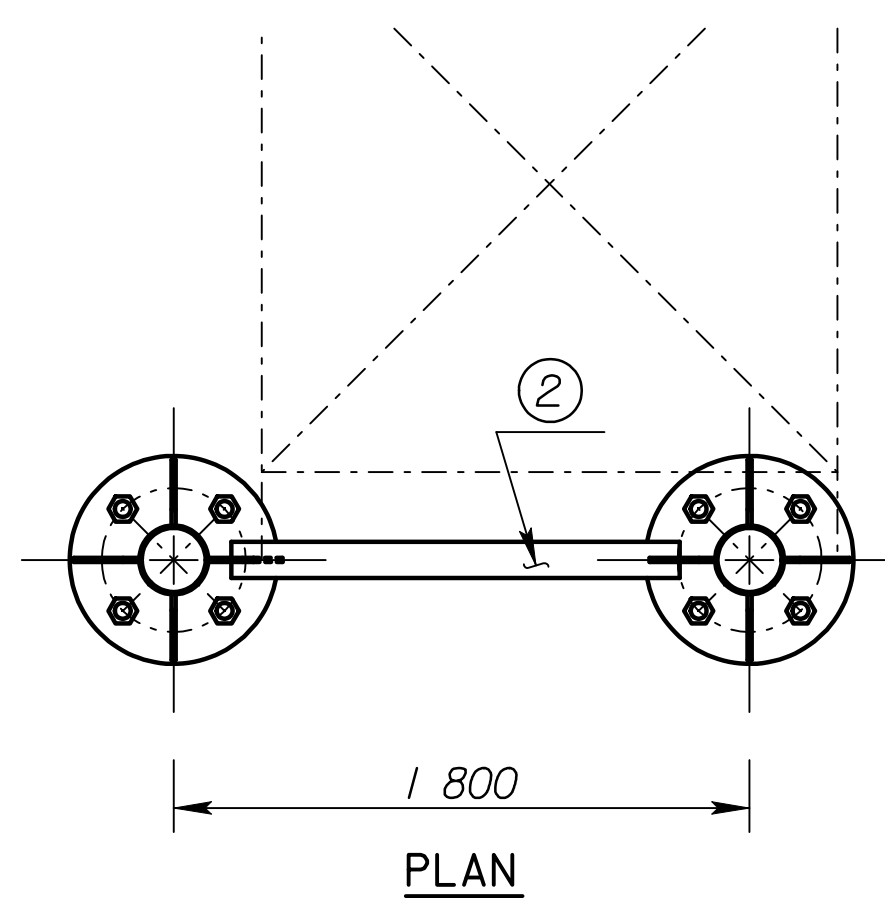


1 MPa flat faced flanges (if needed)

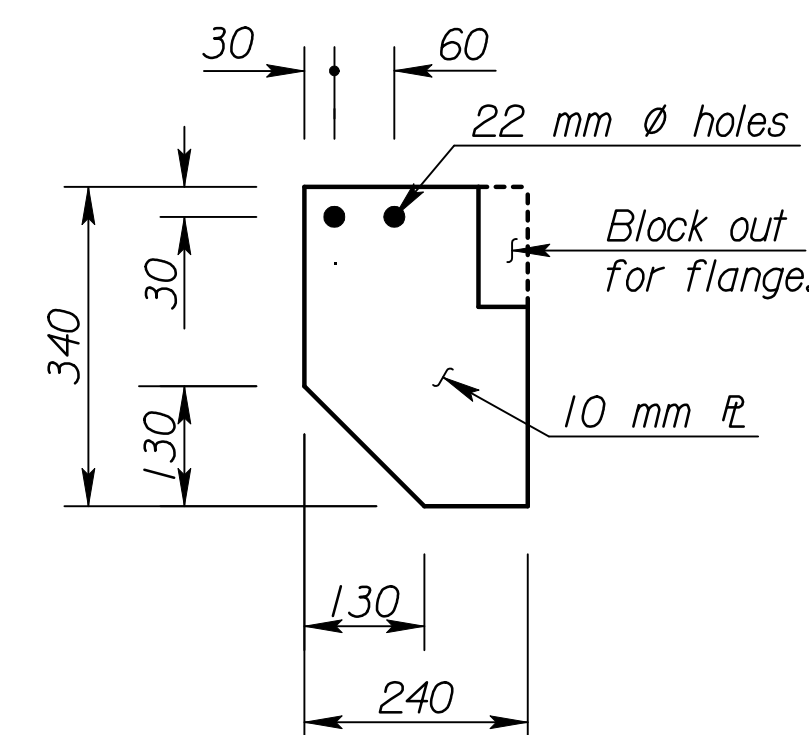
handhole See "Construction Layout" for location

special stiffener  
typical stiffener

**ELEVATION**

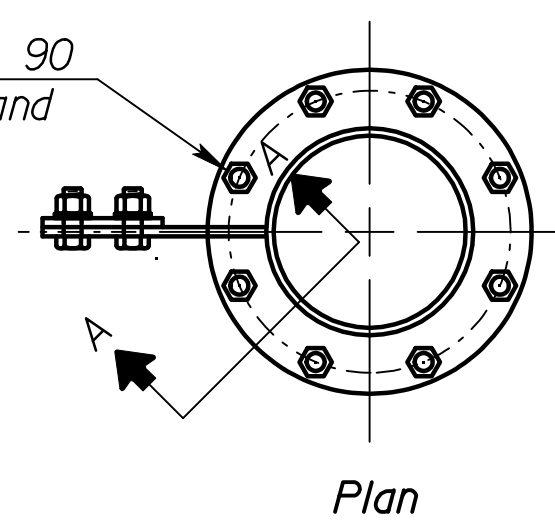


**PLAN**

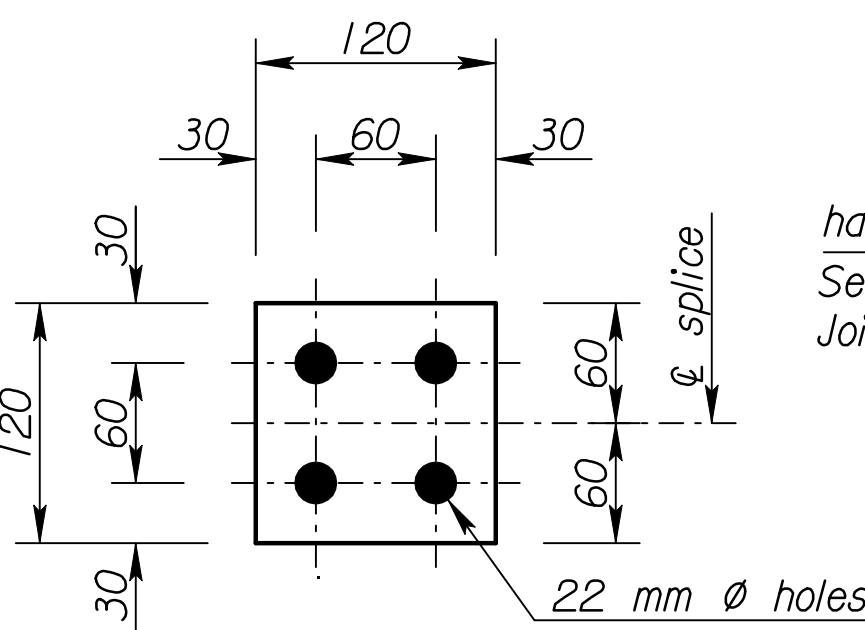


**HALF J3 fl**

8-M20 x 2.5 x 90 HS bolts, nuts, and washers



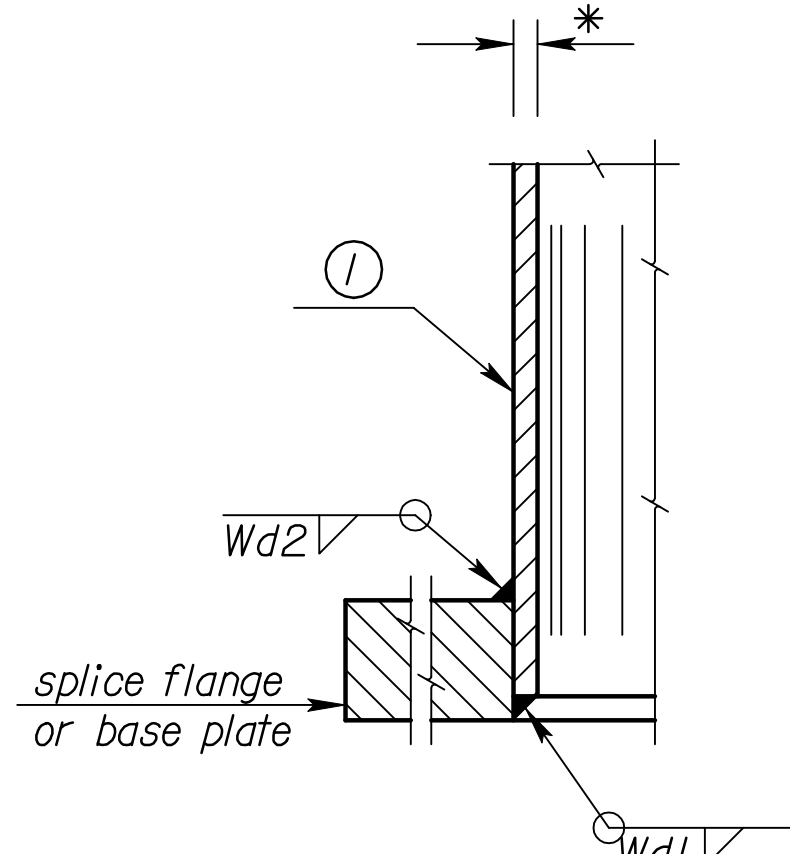
**Plan**



**SPLICE PLATE DETAILS**  
(10 mm fl)

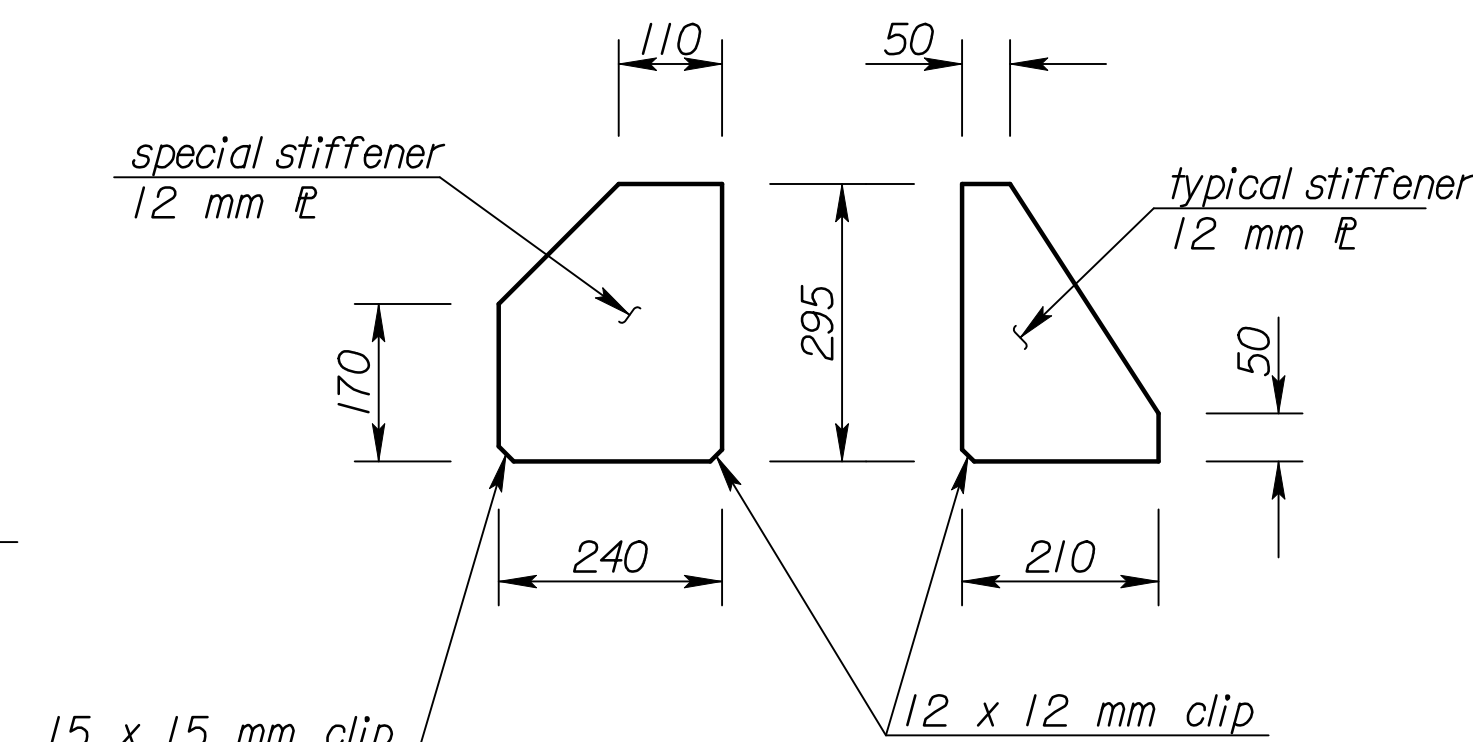
splice fl with 4-M20 x 2.5 HS bolts, nuts and washers

half J3 fl See End Support Joint Details.

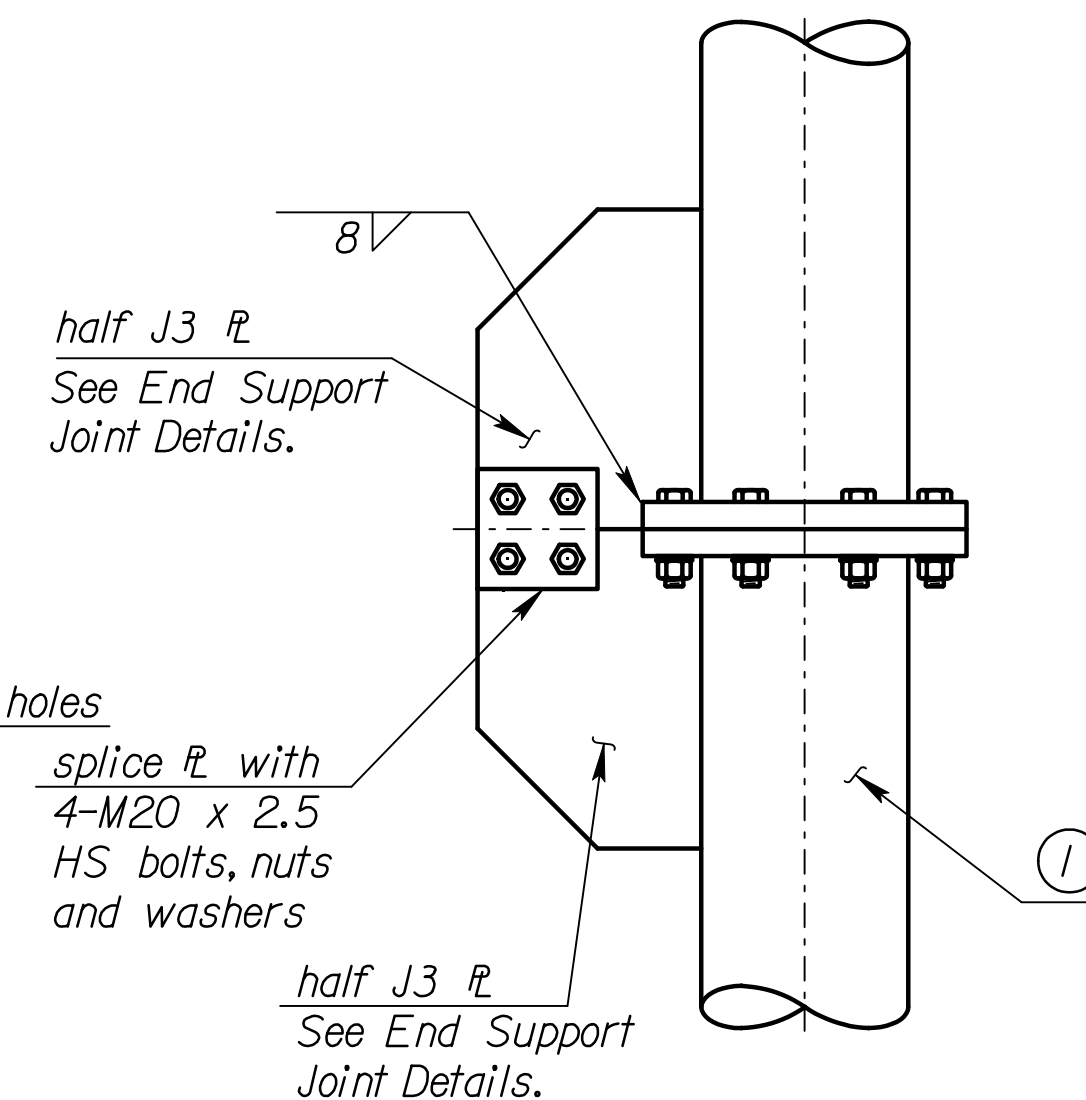


**Section A-A**

Make Wd1 depth equal to pipe wall thickness, build out to obtain full throat.

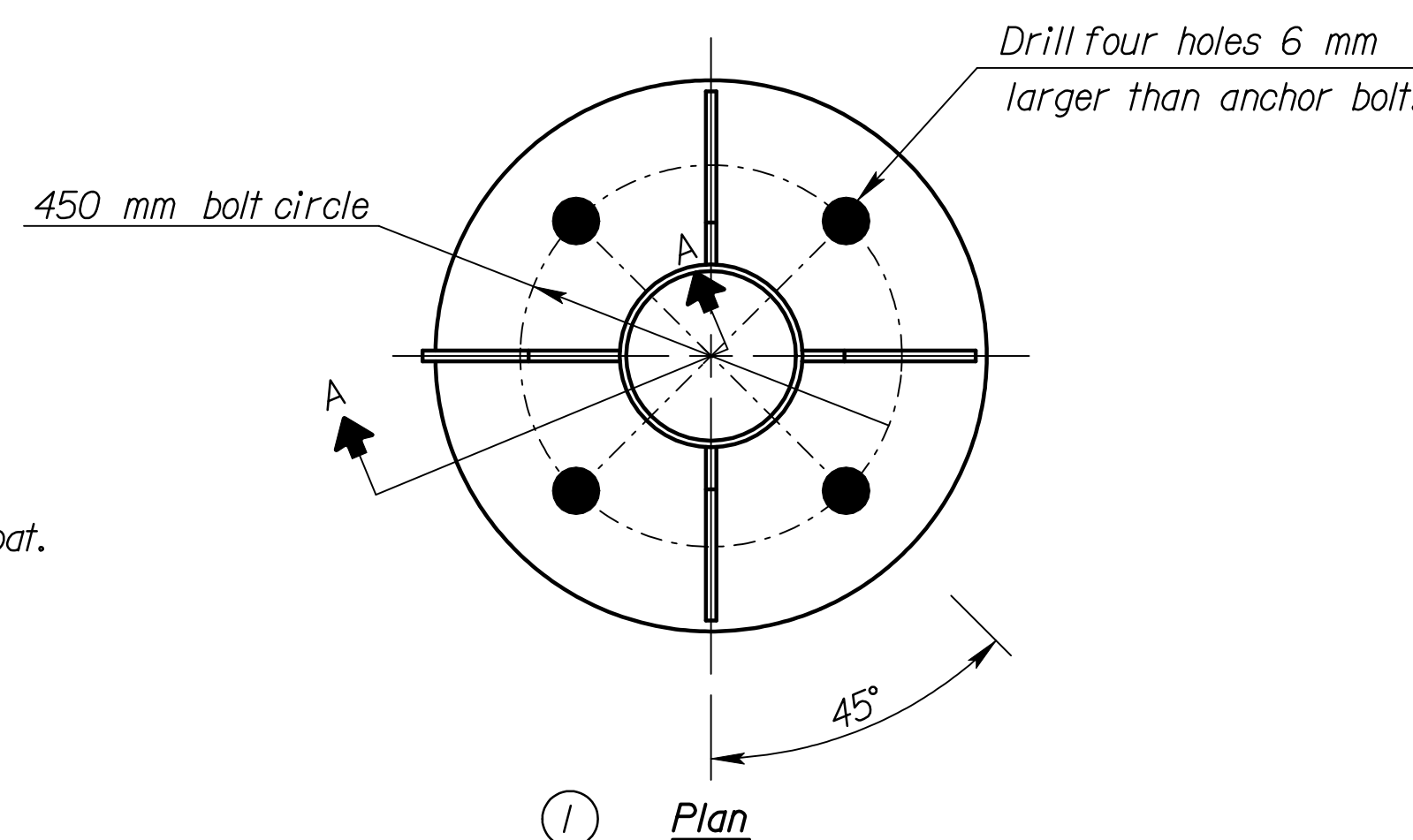


**Stiffener Details**

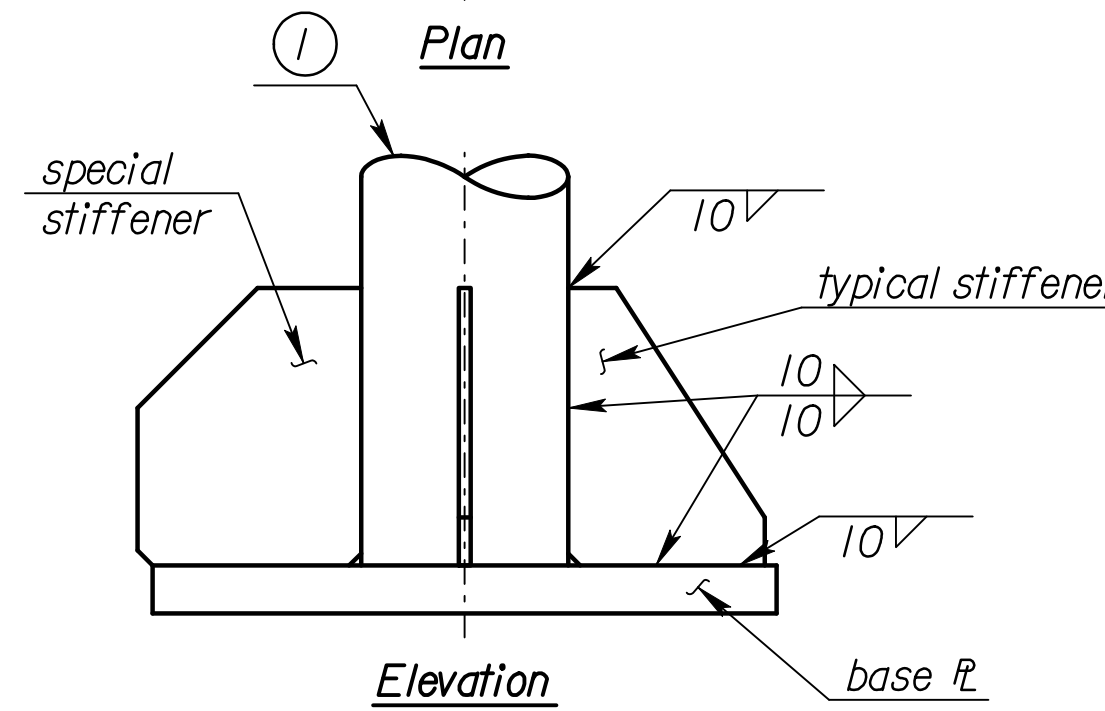


**Elevation**

**END SUPPORT SPLICE DETAIL**

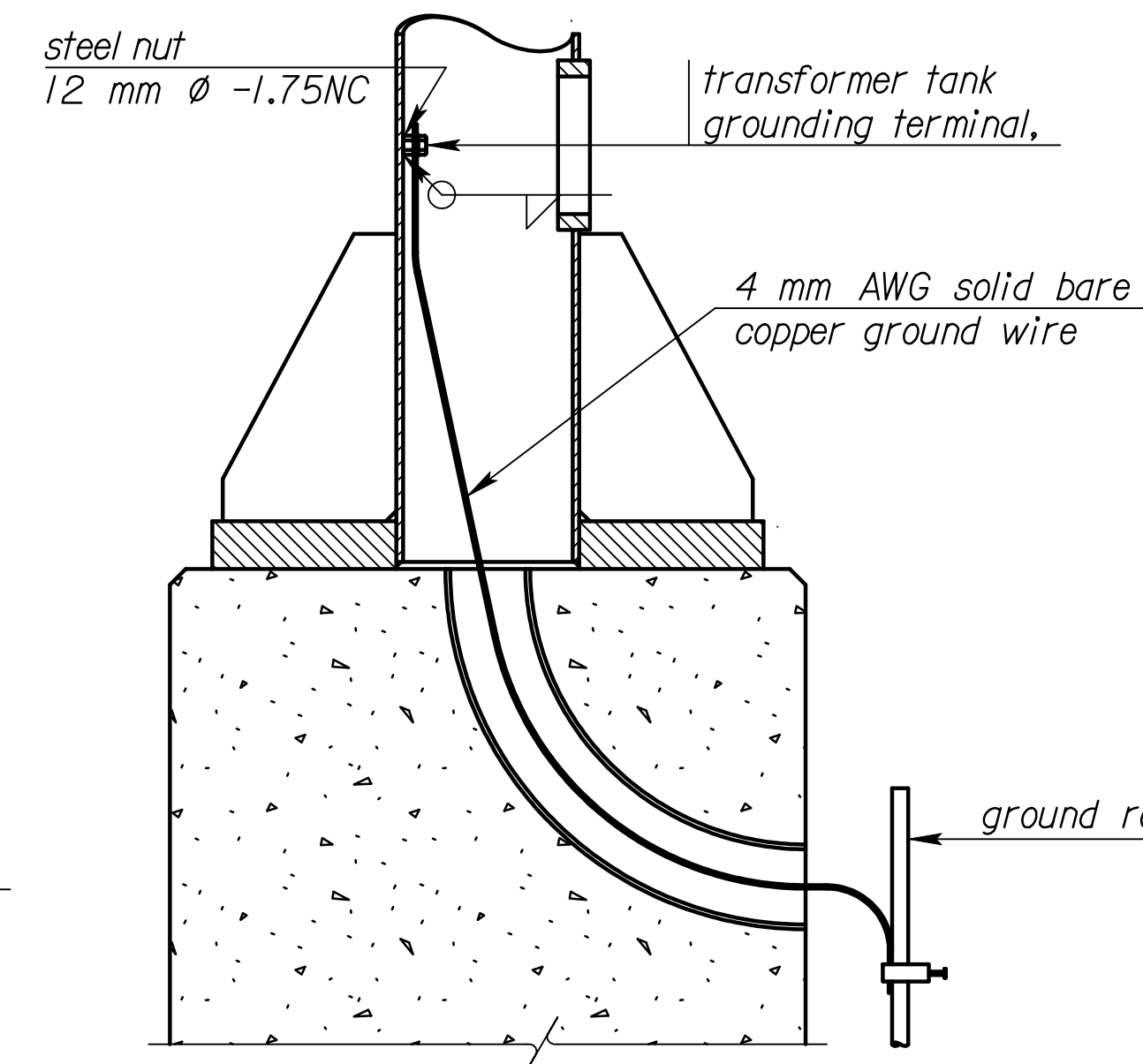


**Plan**

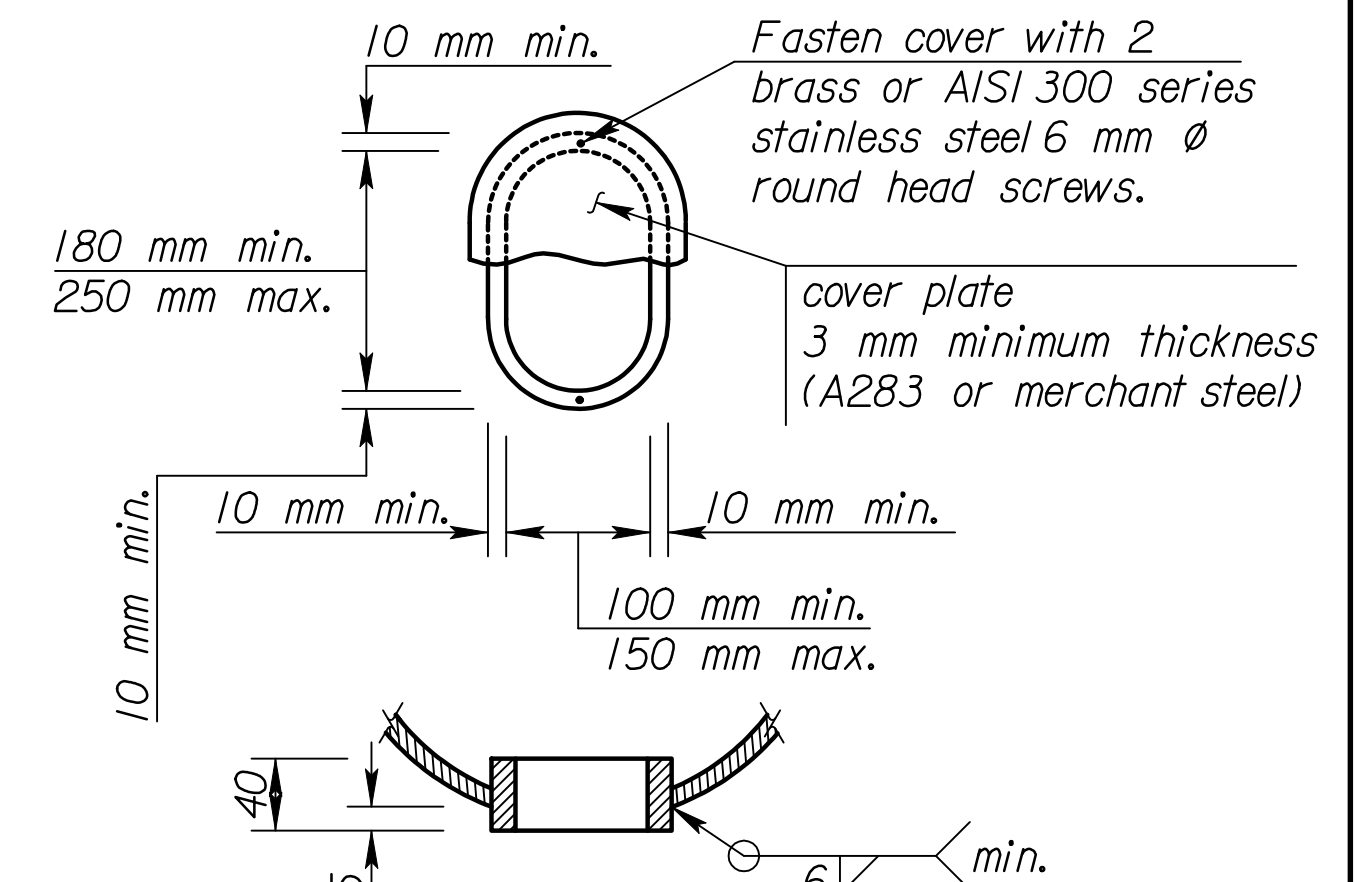


**Elevation**

**END SUPPORT BASE DETAIL**



**GROUNDING DETAILS**



**HANDHOLE DETAIL**

Note: Use a handhole frame bar whose net area is at least 60 percent of the pole section removed. Maintain the pole section properties at the handhole.

Member ① is 219 mm O.D. pipe

Member ② is 89 mm O.D. pipe

Member ①*	Fillet Weld Size Wd2	Anchor Bolt "d"	Base fl "h"
4.78	5	36	45
6.35	6	42	50
7.92	8	48	60
10.3	10	56	70
12.7		64	80
15.1			

\* See "Construction Layout" for wall thickness, "N", "S", and "L".

**RECORD DRAWING**  
**STEEL NOT USED**

NO.	DATE	REVISIONS	BY	APP'D
<b>KANSAS DEPARTMENT OF TRANSPORTATION</b> <b>STANDARD STRUCTURAL SIGN SUPPORTS</b> <b>SPAN TYPE OVERHEAD</b> <b>STEEL ALTERNATE</b> <b>END SUPPORT FRAMING PLAN AND SPLICE DETAILS</b> <b>SL15IC-01S1</b>				
DESIGNED	BFM	DETAILED	KFH	QUANTITIES
DESIGN CK.	RDH	DETAIL CK.	RDH	QUAN. CK.