

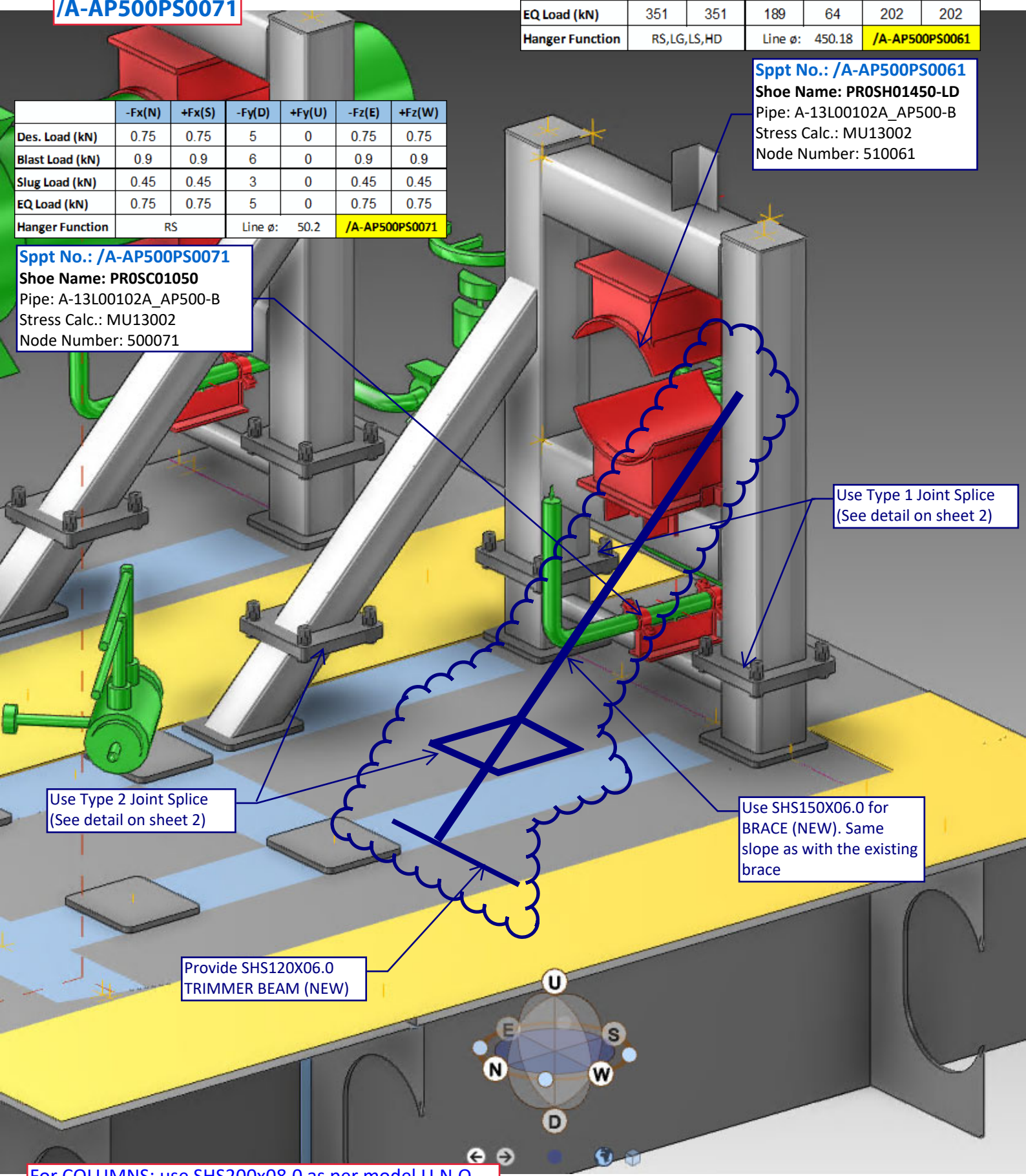
Piping Support /A-AP500PS0061 /A-AP500PS0071

	-Fx(N)	+Fx(S)	-Fy(D)	+Fy(U)	-Fz(E)	+Fz(W)
Des. Load (kN)	291	291	80	235	42	42
Blast Load (kN)	182	182	117	0	98	98
Slug Load (kN)	430	430	128	6	115	115
EQ Load (kN)	351	351	189	64	202	202
Hanger Function	RS,LG,LS,HD		Line ø: 450.18		/A-AP500PS0061	

	-Fx(N)	+Fx(S)	-Fy(D)	+Fy(U)	-Fz(E)	+Fz(W)
Des. Load (kN)	0.75	0.75	5	0	0.75	0.75
Blast Load (kN)	0.9	0.9	6	0	0.9	0.9
Slug Load (kN)	0.45	0.45	3	0	0.45	0.45
EQ Load (kN)	0.75	0.75	5	0	0.75	0.75
Hanger Function	RS		Line ø: 50.2		/A-AP500PS0071	

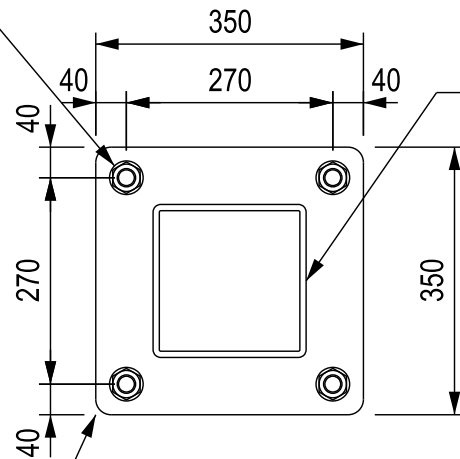
Sppt No.: /A-AP500PS0061
Shoe Name: PR0SH01450-LD
 Pipe: A-13L00102A_AP500-B
 Stress Calc.: MU13002
 Node Number: 510061

Sppt No.: /A-AP500PS0071
Shoe Name: PR0SC01050
 Pipe: A-13L00102A_AP500-B
 Stress Calc.: MU13002
 Node Number: 500071



For COLUMNS: use SHS200x08.0 as per model U.N.O.
 For BEAMS: use SHS200x08.0 as per model U.N.O.
 For BRACE: use SHS150x06.0 as per model U.N.O.

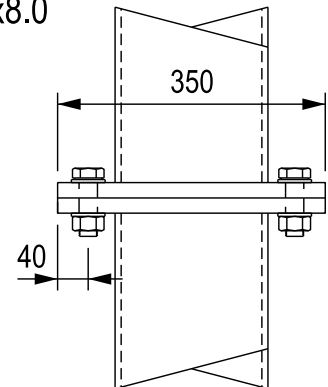
USE 4-M24
A40-80 BOLTS



SHS200x8.0

USE 350x350
FLANGE PL20

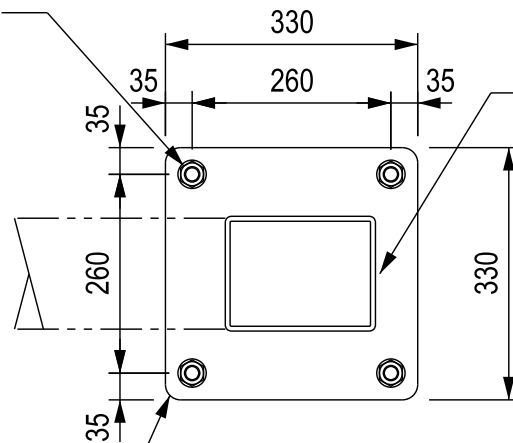
PLAN
VIEW



ELEVATION
VIEW

SPLICE PLATE DETAIL
(/A-AP500PS0061)
TYPE 1

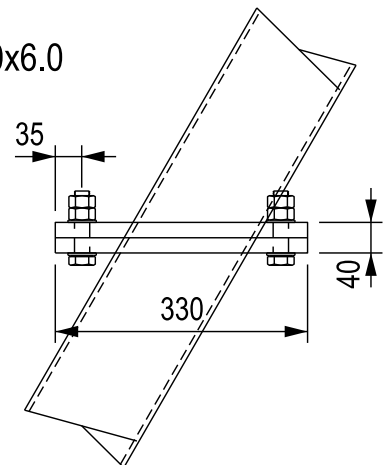
USE 4-M20
A40-80 BOLTS



SHS150x6.0

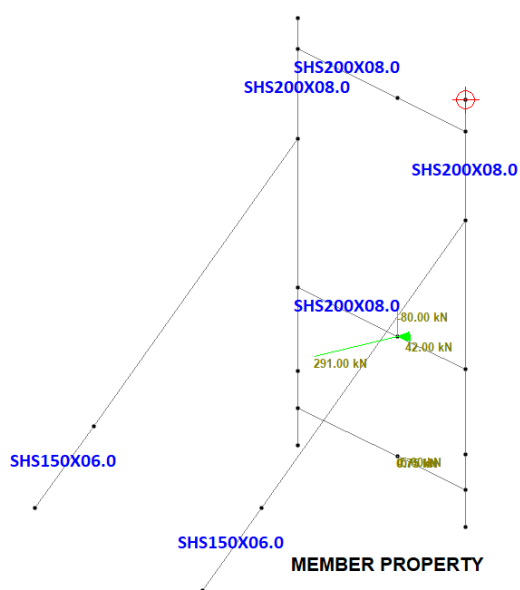
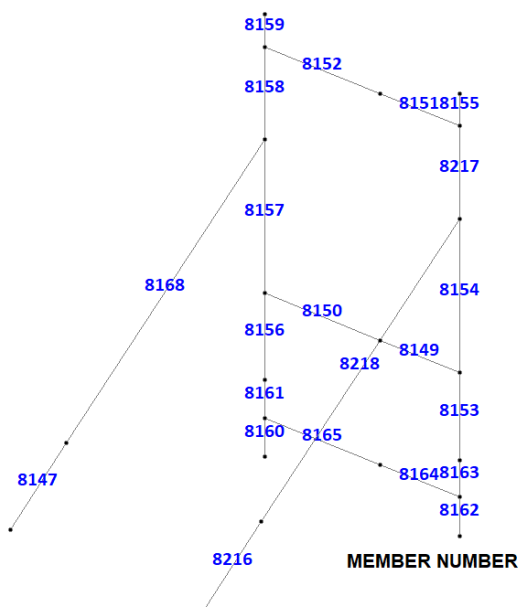
USE 330x330
FLANGE PL20

ELEVATION
VIEW



ELEVATION
VIEW

SPLICE PLATE DETAIL
(/A-AP500PS0061)
TYPE 2



Design Results

Design Results for the pipe support members (Common Support) Display from Min. U.C.

/A-AP500P50061 /A-AP500P50071

Parameter 1 | Parameter 2 | Parameter 3 | Warnings/Note

Member	Property	Critical Cond.	U.C.	Des. Loading	Result
8150	SHS200X08.0	EC-6.2.9.1	0.46	1103	PASS
8149	SHS200X08.0	EC-6.2.5	0.46	1103	PASS
8162	SHS200X08.0	EC-6.3.3-662	0.38	1104	PASS
8153	SHS200X08.0	EC-6.3.3-662	0.33	1103	PASS
8151	SHS200X08.0	EC-6.2.9.1	0.32	1108	PASS
8152	SHS200X08.0	EC-6.2.9.1	0.32	1108	PASS
8160	SHS200X08.0	EC-6.3.3-662	0.32	1101	PASS
8154	SHS200X08.0	EC-6.2.5	0.28	1103	PASS
8147	SHS150X06.0	EC-6.3.3-662	0.23	1104	PASS
8163	SHS200X08.0	EC-6.2.6-(Z)	0.22	1104	PASS
8156	SHS200X08.0	EC-6.3.3-662	0.22	1101	PASS
8168	SHS150X06.0	EC-6.3.3-662	0.19	1104	PASS
8157	SHS200X08.0	EC-6.2.5	0.19	1101	PASS
8161	SHS200X08.0	EC-6.3.3-662	0.19	1101	PASS
8164	SHS060X04.0	EC-6.3.3-662	0.18	1103	PASS
8216	SHS150X06.0	EC-6.3.3-662	0.18	1104	PASS

U.C. results table for Parameter 1 (Ultimate Limit State)
 Max. U.C.: 0.46 | Member 8150 | Design Parameter: 1 | Critical Load: 1103
 Max. U.C.: 0.94 | Member 8217 | Design Parameter: 2 | Critical Load: 2104

Close Summary Print Form

Design Results

Design Results for the pipe support members (Common Support)

Display from Min. U.C.

0

/A-AP500PS0061 /A-AP500PS0071

Parameter 1

Parameter 2

Parameter 3

Warnings/Note

Member	Property	Act. Def.	All. Def.	U.C.	Des. Load	DFF	Result
8155	SHS200X08.0	2.83	3	0.94	2104	571	PASS
8217	SHS200X08.0	2.83	3	0.94	2104	571	PASS
8158	SHS200X08.0	2.74	3	0.91	2102	571	PASS
8159	SHS200X08.0	2.74	3	0.91	2102	571	PASS
8149	SHS200X08.0	1	3	0.33	2101	367	PASS
8150	SHS200X08.0	1	3	0.33	2101	367	PASS
8151	SHS200X08.0	0.7	3	0.23	2106	367	PASS
8152	SHS200X08.0	0.7	3	0.23	2106	367	PASS
8153	SHS200X08.0	0.66	3	0.22	2103	410	PASS
8154	SHS200X08.0	0.66	3	0.22	2103	410	PASS
8218	SHS150X06.0	0.53	3	0.18	2106	575	PASS
8216	SHS150X06.0	0.52	3	0.17	2106	575	PASS
8157	SHS200X08.0	0.45	3	0.15	2101	410	PASS
8156	SHS200X08.0	0.45	3	0.15	2101	410	PASS
8164	SHS060X04.0	0.44	3	0.15	2101	367	PASS
8165	SHS060X04.0	0.44	3	0.15	2101	367	PASS

Close Summary

Print Form

U.C. results table for Parameter 2 (Serviceability Limit State)

Max. U.C.: 0.94 | Member 8217 | Design Parameter: 2 | Critical Load: 2104

Max. U.C.: 0.94 | Member 8217 | Design Parameter: 2 | Critical Load: 2104

Design Results

Design Results for the pipe support members (Common Support)

Display from Min. U.C.

0

/A-AP500PS0061 /A-AP500PS0071

Parameter 1 | Parameter 2 | Parameter 3 | Warnings/Note |

Member	Property	Critical Cond.	U.C.	Des. Loading	Result
8162	SHS200X08.0	EC-6.3.3-662	0.47	3023	PASS
8150	SHS200X08.0	EC-6.2.9.1	0.45	3013	PASS
8149	SHS200X08.0	EC-6.2.5	0.45	3013	PASS
8160	SHS200X08.0	EC-6.3.3-662	0.42	3021	PASS
8153	SHS200X08.0	EC-6.3.3-662	0.38	3023	PASS
8156	SHS200X08.0	EC-6.3.3-662	0.3	3021	PASS
8163	SHS200X08.0	EC-6.3.3-662	0.28	3023	PASS
8161	SHS200X08.0	EC-6.3.3-662	0.26	3021	PASS
8154	SHS200X08.0	EC-6.2.5	0.24	3013	PASS
8151	SHS200X08.0	EC-6.2.9.1	0.22	3208	PASS
8152	SHS200X08.0	EC-6.2.9.1	0.22	3008	PASS
8164	SHS060X04.0	EC-6.3.3-662	0.18	3003	PASS
8218	SHS150X06.0	EC-6.3.3-662	0.18	3018	PASS
8157	SHS200X08.0	EC-6.2.5	0.17	3011	PASS
8168	SHS150X06.0	EC-6.3.3-662	0.17	3012	PASS
8147	SHS150X06.0	EC-6.3.3-662	0.17	3012	PASS

Close Summary

Print Form

U.C. results table for Parameter 3 (Accidental Limit State)

Max. U.C.: 0.47 | Member 8162 | Design Parameter: 3 | Critical Load: 3023

Max. U.C.: 0.94 | Member 8217 | Design Parameter: 2 | Critical Load: 2104