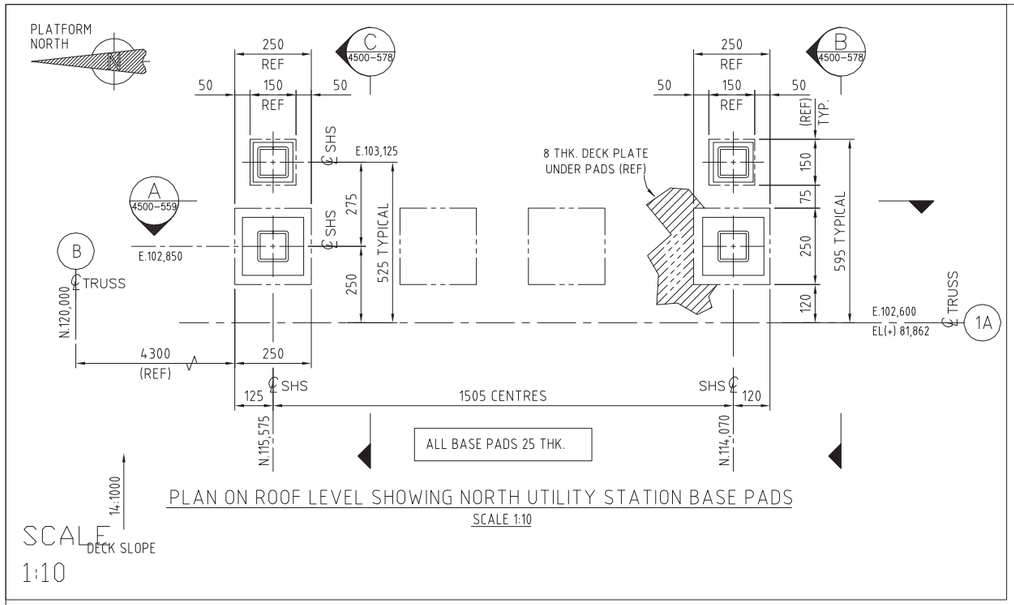
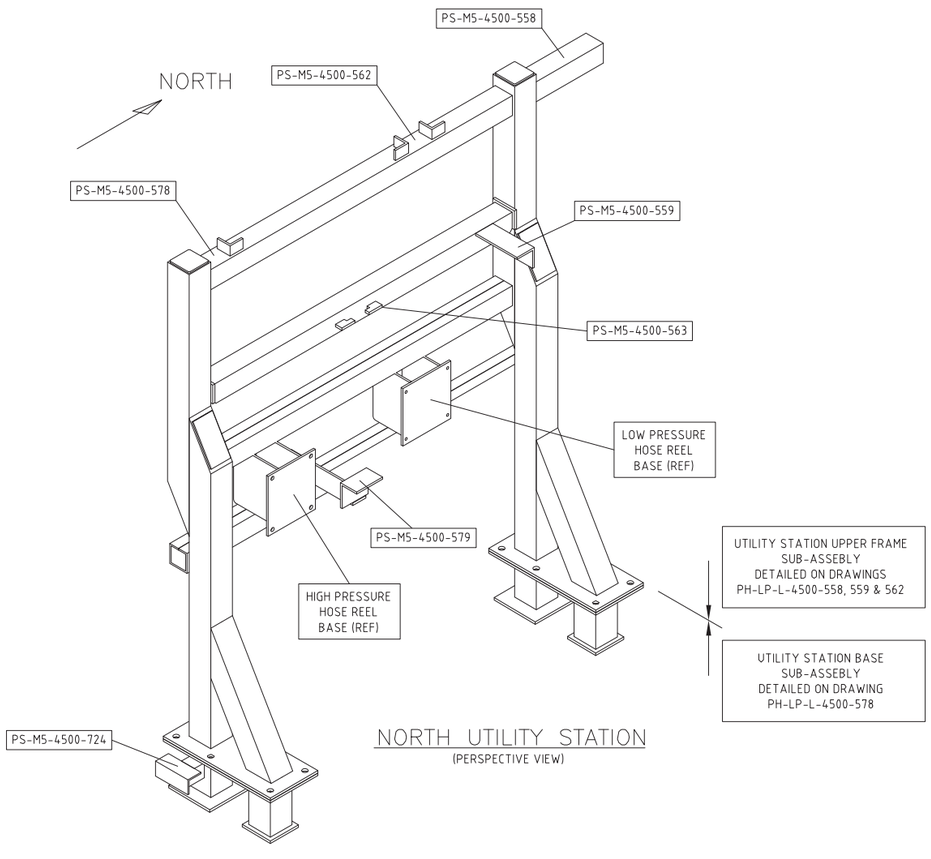


PLAN ON ROOF LEVEL SHOWING NORTH UTILITY STATION BASE PADS

SCALE 1:10

SCALE 1:10



NORTH UTILITY STATION

(PERSPECTIVE VIEW)

UTILITY STATION UPPER FRAME SUB-ASSEBLY

Item	Qty	Lgth-mm	Wth-mm	Material Code	Description	Total Wgt
1–2	2	1273	–	SSHXXXST1001008	SHS 100 X 100 6.3 MM WT TYPE 14	46
3–4	2	1050	–	SSHXXXST1001008	SHS 100 X 100 6.3 MM WT TYPE 14	38
5–6	2	559		SSHXXXST1001008	SHS 100 X 100 6.3 MM WT TYPE 14	18
7–7	1	1625		SSHXXXST8080007	SHS 80 X 80 6.3 MM WT TYPE 14	23
8–8	1	1405		SSHXXXST8080007	SHS 80 X 80 6.3 MM WT TYPE 14	20
9–9	1	1405	–	SEAXXXST8080006	EQUAL ANGLE 80 X 80 8MM THK TYPE 14	13
10–10	1	1385	–	SEAXXXST8080006	EQUAL ANGLE 80 X 80 8MM THK TYPE 14	13
11–11	1	320	–	SEAXXXST8080006	EQUAL ANGLE 80 X 80 8MM THK TYPE 14	3
12–12	1	255	–	SEAXXXST8080006	EQUAL ANGLE 80 X 80 8MM THK TYPE 14	3
13–13	1	192	–	SEAXXXST8080006	EQUAL ANGLE 80 X 80 8MM THK TYPE 14	2
14–14	1	120	–	SUAXXXST1257008	UNEQUAL ANGLE 125MM X 75MM X 8MM THK TYPE 14	1
15–17	4	40	–	SEAXXXST6060005	EQUAL ANGLE 60 X 60 6MM THK TYPE 14	1
18–19	2	60	30	SPLXXXSTXX10005	PLATE 10 MM THK TYPE 14	1
20–21	2	100	75	SPLXXXSTXX10005	PLATE 10 MM THK TYPE 14	1
22–22	1	240	218	SPLXXXSTXXX8005	PLATE 8 MM THK TYPE 14	3
23–24	2	230	205	SPLXXXSTXXX8005	PLATE 8 MM THK TYPE 14	6
25–25	1	230	222	SPLXXXSTXXX8005	PLATE 8 MM THK TYPE 14	3
26–27	2	230	170	SPLXXXSTXXX8005	PLATE 8 MM THK TYPE 14	5
28–28	4	–	–	SBOCNXSS1240004	M12x40 ST.ST BOLT C/W 2 WASHER +2 PLAIN NUTS GR. A4 80 (316L)	–
29–29	4	–	–	SBOCNXSSX840001	M8x40 ST.ST BOLT C/W 2 WASHER +2 PLAIN NUTS GR. A4 80 (316L)	–
30–33	4	175	92	SPLXXXSTXXX6005	PLATE 6 MM THK TYPE 14	3
34–35	2	92	92	SPLXXXSTXXX6005	PLATE 6 MM THK TYPE 14	1
36–37	2	72	72	SPLXXXSTXXX6005	PLATE 6 MM THK TYPE 14	1

UTILITY STATION UPPER FRAME SUB-ASSEBLY WEIGHT = 205 KG

UTILITY STATION BASE SUB-ASSEBLY

Item	Qty	Lgth-mm	Wth-mm	Material Code	Description	Total Wgt
38–39	2	197	–	SSHXXXST1001008	SHS 100 X 100 6.3 MM WT TYPE 14	7
40–41	2	193	–	SSHXXXST1001008	SHS 100 X 100 6.3 MM WT TYPE 14	7
42–45	4	495	220	SPLXXXSTXX10005	PLATE 10 MM THK TYPE 14	34
46–47	2	190	190	SPLXXXSTXX10005	PLATE 10 MM THK TYPE 14	6
48–49	2	130	130	SPLXXXSTXX10005	PLATE 10 MM THK TYPE 14	3
50–50	1	150	–	SEAXXXST6060005	EQUAL ANGLE 60 X 60 6MM THK TYPE 14	1
51–51	1	100	–	SEAXXXST6060005	EQUAL ANGLE 60 X 60 6MM THK TYPE 14	1
52–52	12	–	–	SBOCNXSS2070001	M20x70 ST.ST BOLT C/W 2 WASHER +2 PLAIN NUTS GR. A4 80 (316L)	3

UTILITY STATION BASE SUB-ASSEBLY WEIGHT = 62 KG

NORTH UTILITY STATION PIPE SUPPORTS

P.S. No. PS-M5-4500-558
(U-BOLT GUIDE)
LINE No. 0150-AP-46L95061-AS20-0

P.S. No. PS-M5-4500-559
(U-BOLT GUIDE)
LINE No. 0150-AP-46L95061-AS20-0

P.S. No. PS-M5-4500-562
(CLAMPED SHOE + GUIDE)
LINE No. 0100-WP-47L98309-AS20-4B

P.S. No. PS-M5-4500-563
(U-BOLT GUIDE)
LINE No. 0100-WP-47L98309-AS20-4B

P.S. No. PS-M5-4500-578
(CLAMPED SHOE + GUIDE)
LINE No. 0100-WQ-47L98312-FD20-4B

P.S. No. PS-M5-4500-579
(CLAMPED SHOE + HOLD-DOWN GUIDE)
LINE No. 0100-WQ-47L98312-FD20-4B

P.S. No. PS-M5-4500-724
(TRUNNION)
LINE No. 0200-A1-46L95059-AS20-0

TOTAL FABRICATED WEIGHT = 267 KG

NOTES:

1. FOR GENERAL NOTES SEE DRG No. PH-LP-N-4053-001.
2. WELDING TO BE INSPECTION CATEGORY D U.N.O.
3. ALL SHOP WELDING TO BE 6mm CONTINUOUS FILLET, IDENT. U.N.O. (1)
4. ALL SHOP FULL PEN. WELDING TO BE IDENT. U.N.O. (2)
5. ALL SITE 6mm CONTINUOUS FILLET WELDING TO BE IDENT. U.N.O. (3)
6. ALL SITE FULL PEN. WELDING TO BE IDENT. U.N.O. (4)
7. IDENT. MARKS INDICATED THUS: [ ]
8. THIS DRG. TO BE READ INCONJUNCTION WITH PH-LP-L-4500-559, 562, 563 & 578.

LAST ITEM No. 52 | LAST WELD No. 4

REV. No.	DESCRIPTION OF REVISION	ISSUE DATE	MADE BY	CHK'D BY	DISC. APPR.	PROJ APPR.	CLIENT APPR.	REV. No.	DESCRIPTION OF REVISION	ISSUE DATE	MADE BY	CHK'D BY	DISC. APPR.	PROJ APPR.	CLIENT APPR.
0	ISSUED FOR CONSTRUCTION	10.11.09	MAH	MRH	BE	CBS									

VALHALL RE-DEVELOPMENT

PROJECT No. C06106

SLP ENGINEERING LTD
HAMILTON ROAD
LOWESTOFT
SUFFOLK, NR32 1XF

REFERENCE DRAWINGS:	DRAWING TITLE:
PH-LP-N-4408-001	ROOF LEVEL TYPICAL DETAILS
PH-LP-N-4408-001	PLAN ON ROOF PRIMARY STEEL
PH-LP-N-4053-001	GENERAL NOTES & ABBREVIATIONS

bp

BP VALHALL
POWER FROM SHORE MODULE
NORTH UTILITY STATION

REGISTRATION CODES		
AREA	SYSTEM	TYPE
M5-33	95	XO

DRAWING NO.					SCALE
FACILITY CODE	ORIG.	DISP.	SEQ. No.	SHEET	1:10
PH	LP	L	4500	558	REV. 0

A1