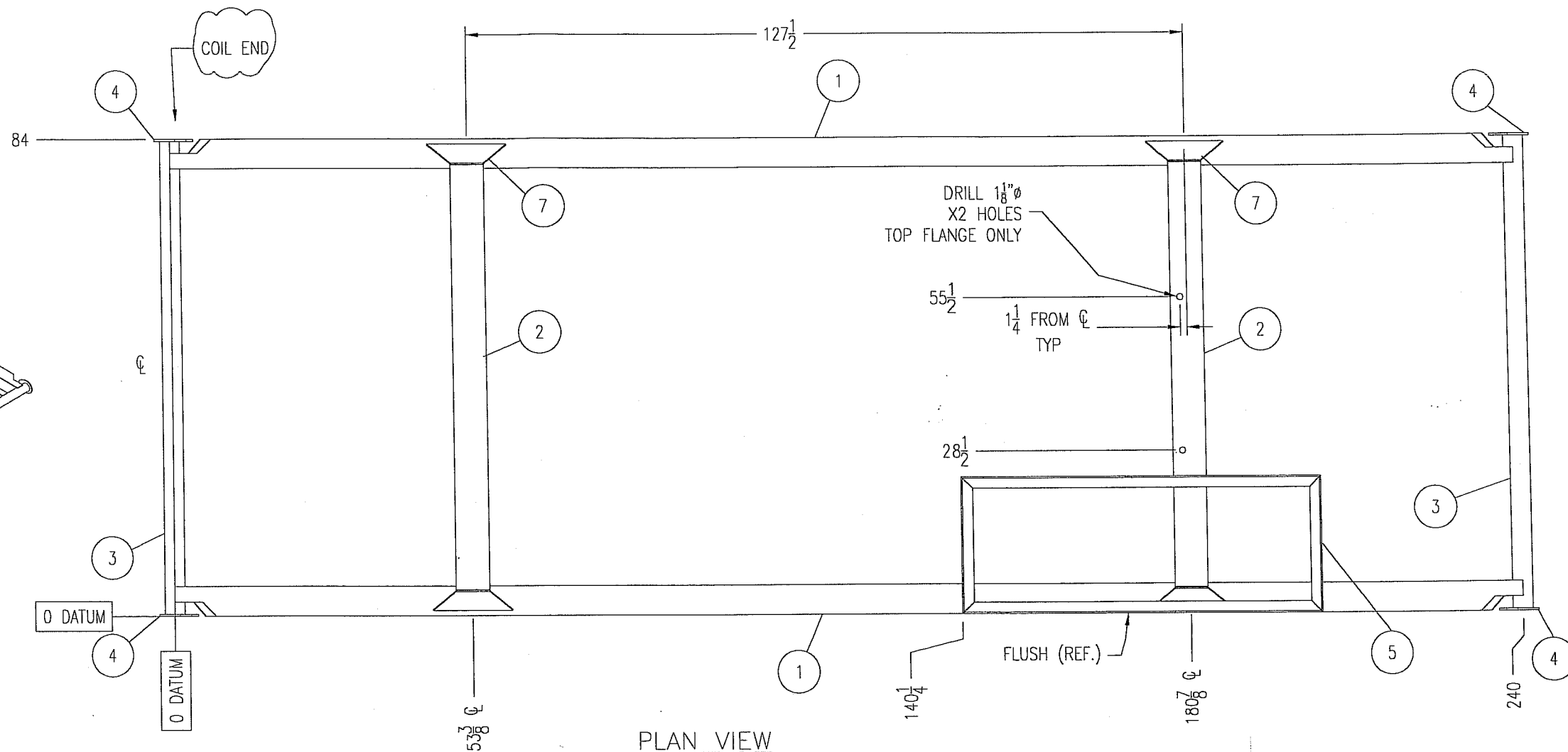


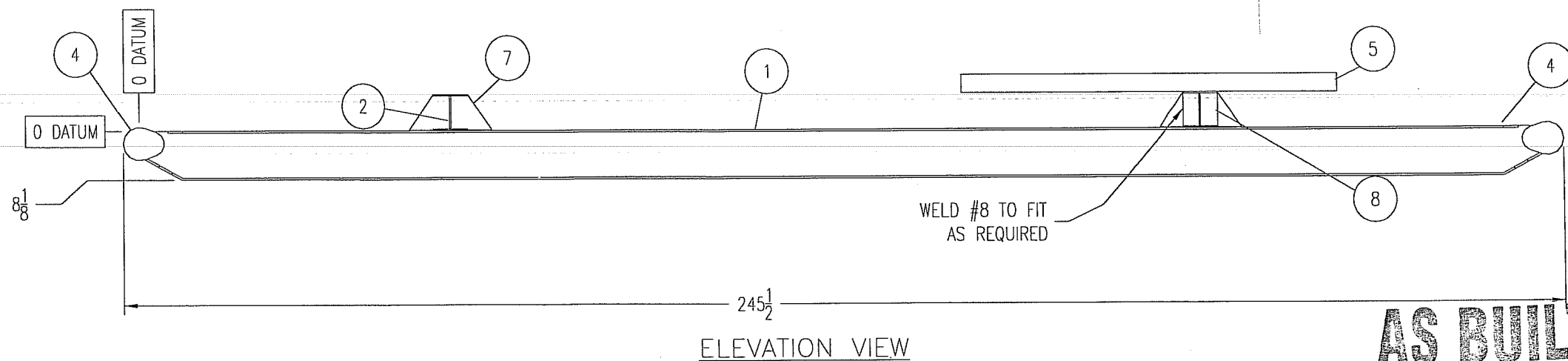


1. ALL DIMENSIONS TO HAVE A TOLERANCE OF $\pm \frac{1}{8}$ " UNLESS OTHERWISE SPECIFIED
2. ALL WELDS TO BE $\frac{1}{4}$ " CONTINUOUS FILLET WELDS UNLESS OTHERWISE NOTED
3. COPE STRUCTURAL MEMBERS AS REQUIRED
4. RADIUS ALL SHARP EDGES
5. SURFACE PREPARATION: BRUSH SAND BLAST
6. PAINT: CLOVERDALE CLOVACOAT 300 EPOXY WARM GRAY (2 COATS)
7. APPROX. WEIGHT: 1156 lb

ITEM	WO NUMBER	SERIAL NUMBER	WELL SITE LSD
1	06276	NWP-1559	b-43-B/93-P-9
2	06277	NWP-1560	a-3-A/93-P-9
3	06278	NWP-1561	c-3-H/93-P-9
4	06279	NWP-1562	d-40-A/93-P-9
5	06280	NWP-1563	d-11-B/93-P-9
6	06281	NWP-1564	b-93-A/93-P-9



PLAN VIEW



ELEVATION VIEW

AS BUILT

WP-1559-41	PREHEAT LINE					
WP-1559-4	LINE HEATER					
WP-1559-2	COIL					
WP-1559-1	BILL OF MATERIALS					
WP-1559-1	P&ID	1	2008.11.12.	KD	ETB	GH ISSUED FOR CONSTRUCTION (ADDED TAGGING DETAILS)
NWP-1559	GENERAL ARRANGEMENT	0	2008.10.21.	KD	ETB	GH ISSUED FOR CONSTRUCTION
DOCUMENT NO.	DESCRIPTION	REV	DATE	BY	CHK	APP



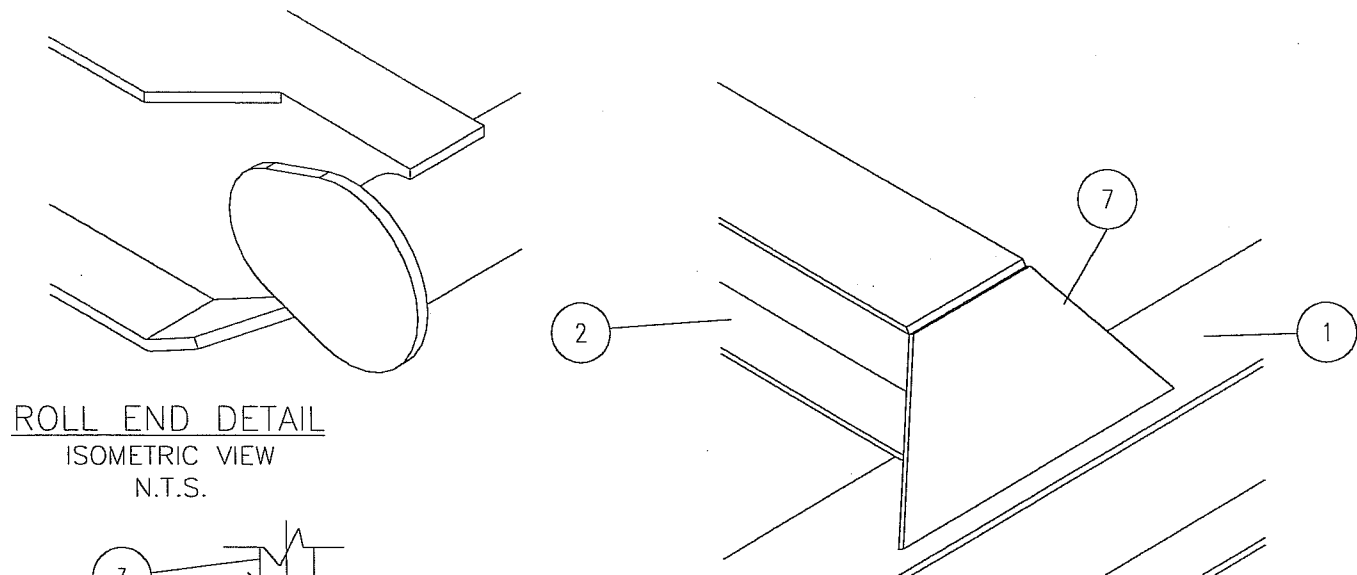
P.O. BOX 6280, INNISFAIL, AB T4G 1S9
PH (403) 227-4100 FAX (403) 227-4102
www.nwp.ca

20' x 7' LINE HEATER SKID
FOR Ø48" x 16' LINE HEATER
1,500,000 BTU/HR; W/18" FIRETUBE
Tupper Field Gathering System

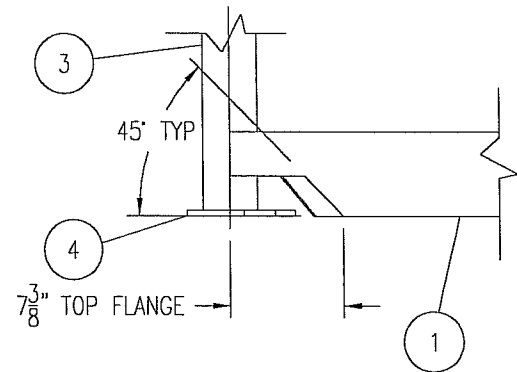
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WITHOUT PERMISSION. THIS DRAWING MUST BE RETURNED UPON REQUEST.

SCALE $1/2" = 1'$

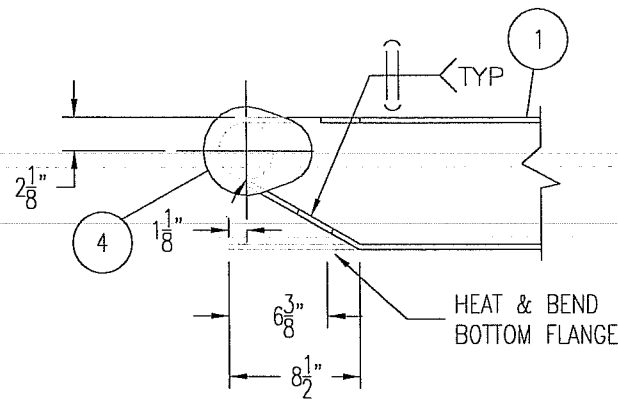
DWG NWP-1559-3 REV 1



ROLL END DETAIL
ISOMETRIC VIEW
N.T.S.

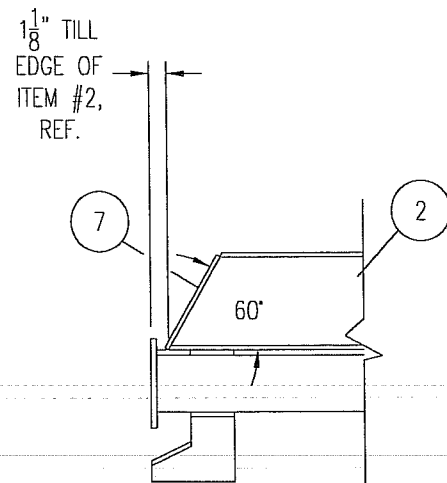


ROLL END DETAIL
PLAN VIEW
SCALE 1":1'

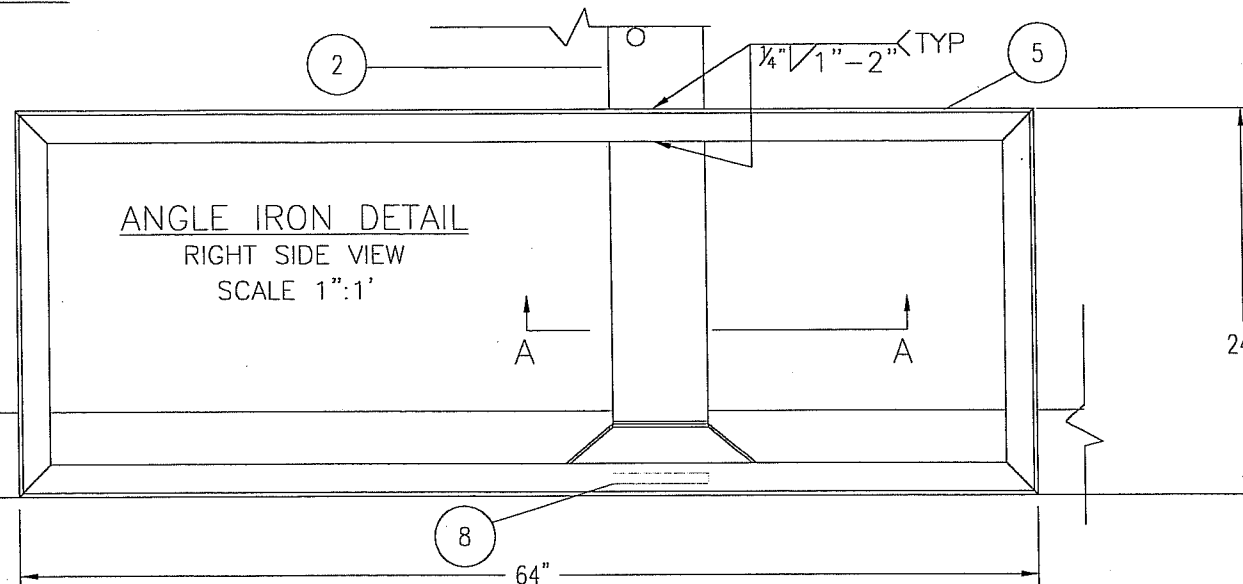


ROLL END DETAIL
ELEVATION VIEW
SCALE 1":1'

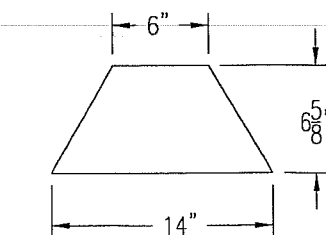
CROSS MEMBER DETAIL
ISOMETRIC VIEW
N.T.S.



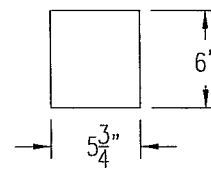
CROSS MEMBER DETAIL
SIDE VIEW
SCALE 1":1'



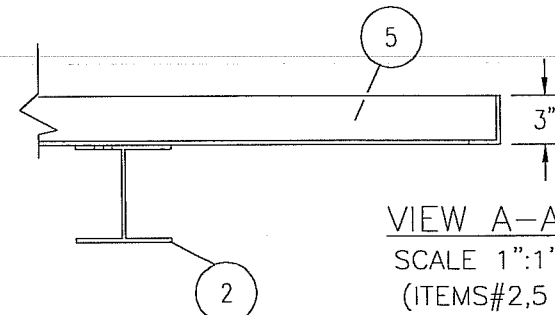
ANGLE IRON DETAIL
RIGHT SIDE VIEW
SCALE 1":1'



ITEM #7 DETAIL
SCALE 1":1'



ITEM #8 DETAIL
SCALE 1":1'



VIEW A-A
SCALE 1":1'
(ITEMS#2,5
SHOWN ONLY)

BILL OF MATERIALS

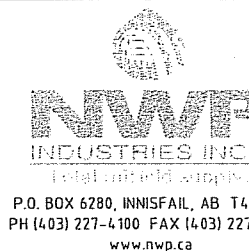
ITEM	QTY.	DESCRIPTION	LENGTH (IN)	MATERIAL	PART#
1	2	WIDE FLANGE, W8 x 18	242.25	44W	358368
2	2	WIDE FLANGE, W6 x 15	81.75	44W	193742
3	2	TUB 88.9 MM RED BAND/USED REJ/ CAR BAN	83.25	2 ERW J55	096559
4	4	ROLL END TEAR DROP, 0.375\" PL	5.5 x 7	SA-36	732259
5	15 FT	3 X 2 X 1/4 ANGLE IRON	-	44 W	608126
7	4	CROSS MEMBER GUSSET, 0.25\" PL	SEE DETAIL	SA-36	CNC
8	1	ADD SUPP PL., 1/4\" X 5 3/4\"	SEE DETAIL	SA-36	CNC

AS BUILT

TAGGING DETAILS

ITEM	WO NUMBER	SERIAL NUMBER	WELL SITE LSD
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WP-1559-41	PREHEAT LINE						
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WP-1559-1	P&ID	1	2008.11.12.	KD	ETB	GH	ISSUED FOR CONSTRUCTION (ADDED TAGGING DETAILS)
WP-1559	GENERAL ARRANGEMENT	0	2008.10.21.	KD	ETB	GH	ISSUED FOR CONSTRUCTION
DOCUMENT NO.	DESCRIPTION	REV	DATE	BY	CHK	APP	



20' x 7' LINE HEATER SKID
FOR Ø48" x 16' LINE HEATER
1,500,000 BTU/HR; W/18" FIRETUBE
Tupper Field Gathering System

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SCALE AS NOTED

DWG NWP-1559-3 REV 1