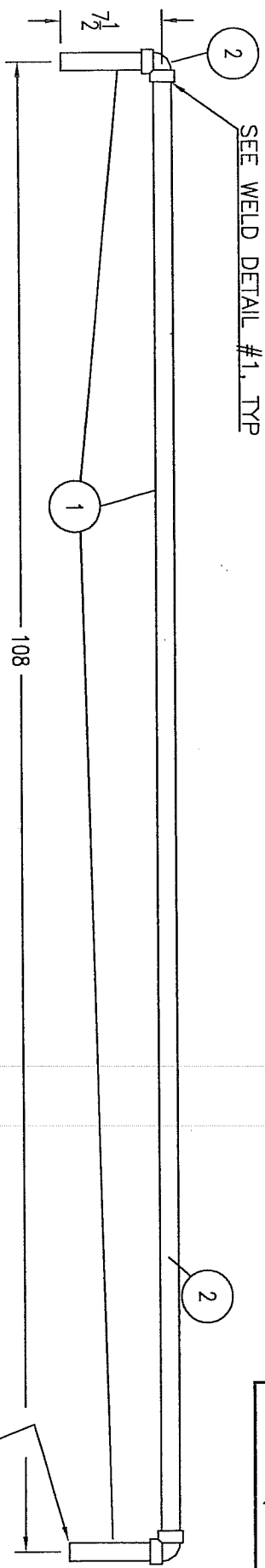
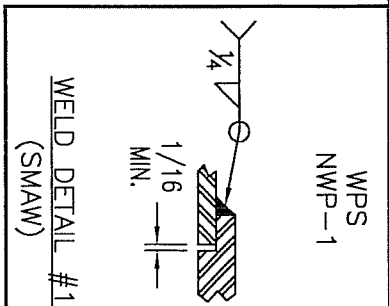


BILL OF MATERIALS

ITEM	QTY.	DESCRIPTION	LENGTH (IN)	MATERIAL	PART#	MTR#
1	1	1" SCH 160 SMLS PIPE	123	SA-106B	-	-
2	2	90° ELBOW 1" FS 3000# SW	-	SA-105N	-	-



TAGGING DETAILS

ITEM	WO NUMBER	SERIAL NUMBER	WELL SITE LSD
1	06276	NWP-1559	b-43-B/93-P-9
2	06277	NWP-1560	d-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

- NOTES:**
1. ALL DIMENSIONS SHOWN IN INCHES UNLESS OTHERWISE SPECIFIED
 2. RADIOGRAPHY: NONE
 3. P.W.H.T. NONE
 4. DESIGN PRESSURE AND TEMPERATURE:
MAWP 290 PSIG@200°F
HYDROSTATIC PRESSURE AS FOLLOWS:
435 PSIG
 5. MIN DESIGN TEMPERATURE -20°F
 6. DESIGN AND FABRICATE TO: ANSI/ASME B31.3 NFS 2006 EDITION
 7. CORROSION ALLOWANCE: 1/8"
 10. QUALITY CONTROL PROGRAM NO.: AGP-1253
 11. WELDING PROCEDURE REGISTRATION NO.: 1604.2
 12. SERVICE: HYDROCARBONS

THREADED END, TURN BEFORE WELDING)

AS BUILT

DOCUMENT NO.	DESCRIPTION	REV	DATE	BY	CHK	APP	ISSUED FOR CONSTRUCTION (ADDED TAGGING DETAILS)
NWP-1559-4	LINE HEATER						
NWP-1559-3	SKID						
NWP-1559-2	COIL						
NWP-1559-1	BILL OF MATERIALS						
NWP-1559-1	PAID	1	2008.11.13.	KD	ETB	DF	ISSUED FOR CONSTRUCTION
NWP-1559	GENERAL ARRANGEMENT	0	2008.10.21.	KD	ETB	DF	ISSUED FOR CONSTRUCTION

NWP INDUSTRIES, INC.
 P.O. BOX 628, ANNEFAL, LA 71616-0628
 PH (439) 271-4300 FAX (439) 271-4342
 WWW.NWP-USA

PREHEAT LINE
 FOR 48" x 16" LINE HEATER
 1,500,000 BTU/HR; W/18" FIRETUBE
 Tupper Field Gathering System

SCALE: 1" = 1'
 SHEET: 1/1
 DWG: NWP-1559-4-1