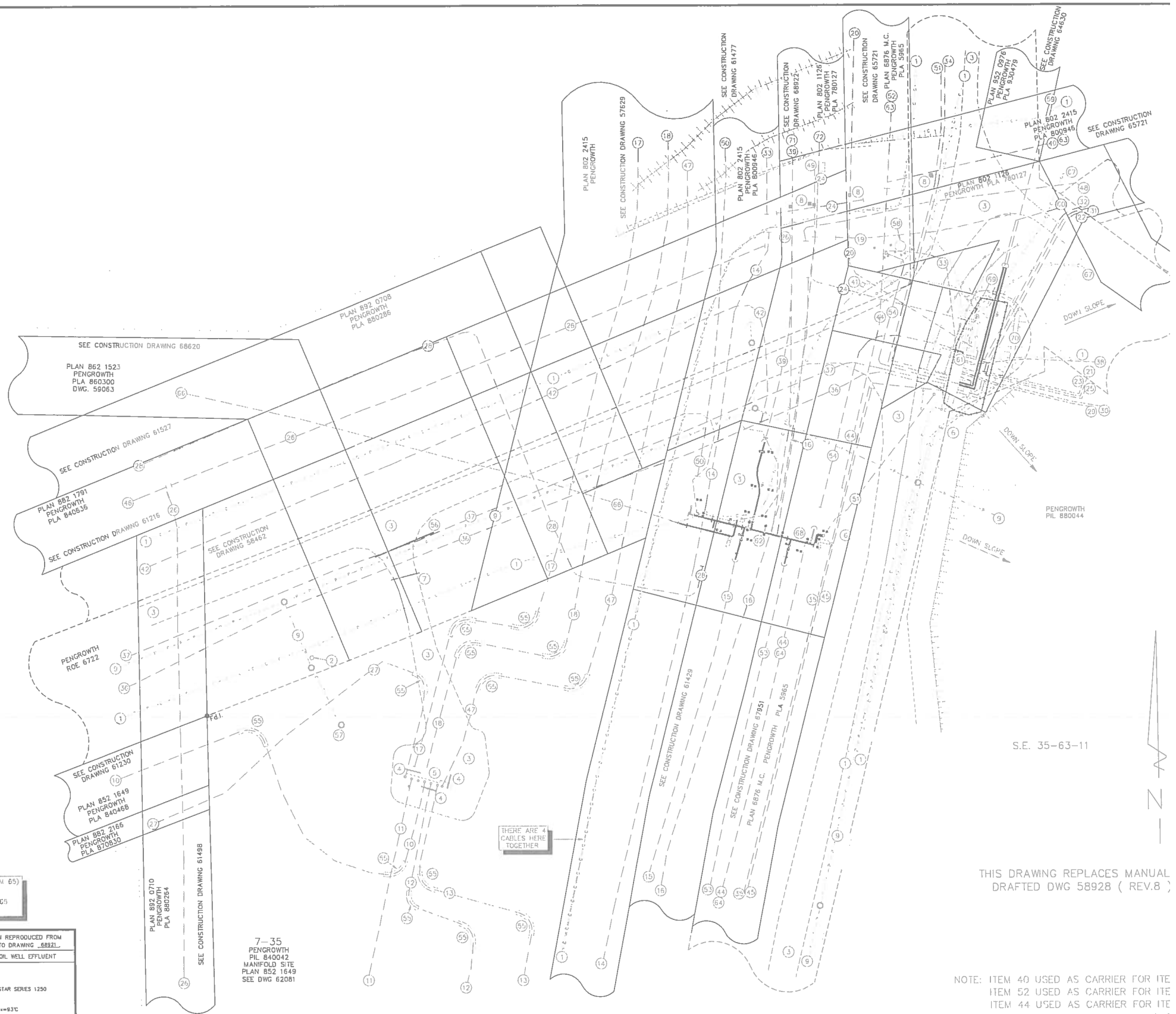
No.	OWNER	SIZE	SUBSTANCE TYPE OF LINE	STRUCTURE MATERIAL	M.O.P.	DESCRIPTION	LINE/LICENSE
80							
79							
78							
77							
76							
75							
74							
73							
72	PENGROWTH	214.4	GROUPLINE	FRP STAR 1250	3450	FROM 08-35-63-11 TO 13-36-63-11	117/4218
71	PENGROWTH	214.4	GROUPLINE	FRP STAR 1250	3450	FROM 08-35-63-11 TO 13-36-63-11	116/4218
70	PENGROWTH					BERM	
69	PENGROWTH					ELECTRICAL BUILDING	
68	PENGROWTH					CATWALK	
67	PENGROWTH					BURIED CABLE	
66	PENGROWTH	214.4	GROUPLINE	FRP STAR 1250	3450	FROM 08-33-63-11 TO 08-35-63-11	114/4218
65	PENGROWTH	168.3	GROUPLINE	STEEL	3450	FROM 09-26 TO 02-35 (PROP. SPLIT FROM 26)	108/4218
64	PENGROWTH	168.3	GROUPLINE	STEEL	3450	FROM 02-35-63-11 TO 08-35-63-11	110/4218
63	PENGROWTH	88.9	PRODUCED WATER	STEEL	15200	FROM 05-36 TO 10-35-63-11 (INSERT INTO 40)	49/27891
62	PENGROWTH					GROUPLINE MANIFOLD	
61	PENGROWTH					SATELLITE BUILDING	
60	PENGROWTH	87.6	OIL WELL EFFLUENT	STAR FRP 2000	5520	FROM 06-36-63-11 TO 08-35-63-11	24/9526
59	PENGROWTH	117.3	OIL WELL EFFLUENT	STAR FRP 2000	5520	FROM 16-35-63-11 TO 08-35-63-11	25/9526
58	PENGROWTH					VERTICAL INSPECTION CULVERT	
57	PENGROWTH					LIGHT STANDARD	
56	PENGROWTH	12"		STEEL		CULVERT (REMOVED)	
55	PENGROWTH	12"		CONCRETE		CONCRETE EXPANSION VOID	
54	PENGROWTH	219.1	GROUPLINE	STEEL	0	FROM 08-35-63-11 TO 08-35-63-11 (ABAND.)	NOT LICENSED
53	PENGROWTH	168.3	GROUPLINE	STEEL	0	FROM 08-28-63-11 TO 08-35-63-11 (ABAND)	49/4218
52	PENGROWTH	219.1	GROUPLINE	STEEL	0	FROM 04-24 TO 13-36-63-11 (CARRIER PIPE) (ABAND)	17/4218
51	PENGROWTH	114.3	OIL EFFLUENT	STEEL	0	FROM 01-02-64-11 TO 08-35-63-11 (ABAND.)	NOT LICENSED
50	PENGROWTH	323.9	GROUPLINE	STEEL	3450	FROM 08-35-63-11 TO 13-36-63-11 (ABAND.)	82/4218
49	PENGROWTH	88.9	NATURAL GAS	STEEL	0	FROM 08-35-63-11 TO 10-35-63-11 (ABAND.)	15/14907
48	PENGROWTH	60.3	NATURAL GAS	STEEL	0	FROM 08-35-63-11 TO 08-35-63-11 (ABAND.)	36/14907
47	PENGROWTH	168.3	SOLVENT	STEEL	34500	FROM 04-06-64-10 TO 07-35-63-11	7/21068
46	PENGROWTH	60.3	NATURAL GAS	STEEL	0	FROM 07-35-63-11 TO 12-35-63-11 (ABAND.)	38/14907
45	PENGROWTH	114.3	OIL EFFLUENT	STEEL	0	FROM 08-26-63-11 TO 08-35-63-11 (ABAND.)	30/4218
44	PENGROWTH	219.1	GROUPLINE	STEEL	0	FROM 04-24 TO 13-36 (ABAND. USE AS CARRIER - 64)	17/4218
43	PENGROWTH	88.9	OIL WELL EFFLUENT	STEEL	0	FROM 05-35-63-11 TO 08-35-63-11 (ABAND.)	23/9526
42	PENGROWTH	219.1	GROUPLINE	STEEL	0	FROM 05-35-63-11 TO 08-35-63-11 (ABAND)	72/4218
41	PENGROWTH					CABLE PEDESTAL	
40	PENGROWTH	168.3	PRODUCED WATER	STEEL	0	FROM 05-36 TO 08-35-63-11 (CARRIER PIPE) (ABAND)	18/16756
39	PENGROWTH	323.9	GROUPLINE	STEEL	4800	FROM 08-35-63-11 TO 13-36-63-11 (TO BE ABAND)	6/14994
38	PENGROWTH	88.9	OIL WELL EFFLUENT	STEEL	6900	FROM 08-35-63-11 TO 08-35-63-11	22/9526
37	PENGROWTH	88.9	OIL WELL EFFLUENT	STEEL	0	FROM 12-35-63-11 TO 05-35-63-11 (ABAND.)	16/9526
36	PENGROWTH	88.9	OIL WELL EFFLUENT	STEEL	0	FROM 04-35-63-11 TO 08-35-63-11 (ABAND.)	15/9526
35	PENGROWTH	88.9	OIL WELL EFFLUENT	STEEL	0	FROM 02-35-63-11 TO 08-35-63-11 (ABAND.)	14/9526
34	PENGROWTH	88.9	OIL WELL EFFLUENT	STEEL	0	FROM 16-35-63-11 TO 08-35-63-11 (ABAND.)	13/9526
33	PENGROWTH	114.3	PRODUCED WATER	STEEL	0	FROM 08-35-63-11 TO 10-35-63-11 (ABAND)	19/16756
32	PENGROWTH	114.3	OIL WELL EFFLUENT	STEEL	0	FROM 16-36-63-11 TO 08-35-63-11 (ABAND.)	12/9526
31	PENGROWTH	114.3	OIL WELL EFFLUENT	STEEL	0	FROM 14-36-63-11 TO 08-35-63-11 (ABAND.)	11/9526
30	PENGROWTH	88.9	OIL WELL EFFLUENT	STEEL	0	FROM 04-36-63-11 TO 08-35-63-11 (ABAND.)	10/9526
29	PENGROWTH	88.9	OIL WELL EFFLUENT	STEEL	0	FROM 02-36-63-11 TO 08-35-63-11 (ABAND)	9/9526
28	PENGROWTH	168.3	GROUPLINE	STEEL	0	FROM 08-33-63-11 TO 08-35-63-11 (ABAND)	86/4218
27	PENGROWTH	60.3	SOLVENT	STEEL	0	FROM 07-35-63-11 TO 02-34-63-11 (DISCONT.)	11/21011
26	PENGROWTH	168.3	NATURAL GAS	STEEL	0	FROM 07-35-63-11 TO 09-26-63-11 (DISCONT.)	39/14907
25	PENGROWTH	88.9	OIL WELL EFFLUENT	STEEL	0	FROM 12-36-63-11 TO 08-35-63-11 (ABAND.)	8/9526
24	PENGROWTH	323.9	GROUPLINE	STEEL	0	FROM 08-35-63-11 TO 10-35-63-11 (ABAND.)	7/14994
23	PENGROWTH	88.9	OIL WELL EFFLUENT	STEEL	0	FROM 06-36-63-11 TO 08-35-63-11 (ABAND.)	7/9526
22	PENGROWTH	114.3	OIL WELL EFFLUENT	STEEL	0	FROM 07-36-63-11 TO 08-35-63-11 (ABAND.)	6/9526
21	PENGROWTH	88.9	OIL WELL EFFLUENT	STEEL	0	FROM 10-36-63-11 TO 08-35-63-11 (ABAND.)	4/9526
20	PENGROWTH	88.9	OIL WELL EFFLUENT	STEEL	0	FROM 10-35-63-11 TO 08-35-63-11 (ABAND.)	1/9526
19	PENGROWTH	168.3	NATURAL GAS	STEEL	0	FROM 12-36-63-11 TO 08-35-63-11 (ABAND.)	23/14907
18	PENGROWTH	60.3	SOLVENT	STEEL	34500	FROM 07-35-63-11 TO 04-01-64-11	1/21011
17	PENGROWTH	60.3	SOLVENT	STEEL	34500	FROM 07-35-63-11 TO 10-35-63-11	6/21011
16	PENGROWTH	60.3	NATURAL GAS	STEEL	0	FROM 08-35-63-11 TO 02-35-63-11 (ABAND.)	14/14907
15	PENGROWTH	273.1	GROUPLINE	STEEL	3450	FROM 04-24-63-11 TO 08-35-63-11	80/4218
14	PENGROWTH	114.3	PRODUCED WATER	STEEL	0	FROM 08-35-63-1 TO 10-26-63-11 (ABAND)	27/16756
13	PENGROWTH	60.3	SOLVENT	STEEL	0	FROM 07-35-63-11 TO 04-36-63-11 (DISCONT.)	3/21011
12	PENGROWTH	60.3	SOLVENT	STEEL	34500	FROM 07-35-63-11 TO 10-26-63-11	8/21011
11	PENGROWTH	88.9	SOLVENT	STEEL	34500	FROM 07-35-63-11 TO 12-36-63-11	15/21011
10	PENGROWTH	60.3	SOLVENT	STEEL	34500	FROM 07-35-63-11 TO 14-27-63-11	4/21011
9	AQUILA					OVERHEAD POWERLINE	
8	PENGROWTH					TEST POST	
7	PENGROWTH					GATE	
6	PENGROWTH					RISER	
5	PENGROWTH					SOLVENT MANIFOLD	
4	PENGROWTH					PIPE SUPPORT	
3	PENGROWTH					GRAVELLED PAD/ACCESS ROAD	
2	PENGROWTH					GROUND ROD	
1	PENGROWTH					CONTROL CABLE	

TABLE OF FACILITIES



NOTE: LINE SPLIT (SEE ITEM 65)
LINE 26 WILL NOW BE
08-35 TO 02-35 & LINE 65
WILL BE 02-35 TO 09-26

THIS DRAWING REPLACES MANUAL
DRAFTED DWG 58928 (REV.8)

NOTE: ITEM 40 USED AS CARRIER FOR ITE
ITEM 52 USED AS CARRIER FOR ITE
ITEM 44 USED AS CARRIER FOR ITE

NOTE: ITEM 39 TO BE USED AS CARRIER FOR ITEM 71
ITEM 24 TO BE USED AS CARRIER FOR ITEM 72

THIS PIPE SPECIFICATION HAS BEEN REPRODUCED FROM THE RE-ENTRY PLAN. REFER TO DRAWING 68921.
LINE/LICENSE: 117/4218 SUBSTANCE: OIL WELL EFFLUENT

DESIGN CODE: CSA Z662-03
OUTSIDE DIAMETER: 214.4mm
WALL THICKNESS: 8.89mm
PIPE MATERIAL: ALIPHATIC AMINE FRP STAR SERIES 1250
H2S MOLE % (SW/SOUR): 0.00% SWEET
WELD PROCEDURE: N/A
DESIGN TEMPERATURE: CET=-29°C/Tmax=93°C
MAXIMUM OPERATING PRESSURE: 3450 Kpa
HYDRO TEST PRESSURE & DURATION: 4313 Kpa/24 HOURS
NDE REQUIRED: N/A
COATING (INTERNAL/EXTERNAL): N/A
INSULATION: N/A
HEAT TREAT: N/A
STRESS LEVEL: N/A
CATHODIC PROTECTION: N/A
TRACER WIRE: YES - 10 GUAGE

THIS PIPE SPECIFICATION HAS BEEN REPRODUCED FROM THE RE-ENTRY PLAN. REFER TO DRAWING 68921.
LINE/LICENSE: 116/4218 SUBSTANCE: OIL WELL EFFLUENT

DESIGN CODE: CSA Z662-03
OUTSIDE DIAMETER: 214.4mm
WALL THICKNESS: 8.89mm
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NDE REQUIRED: N/A
COATING (INTERNAL/EXTERNAL): N/A
INSULATION: N/A
HEAT TREAT: N/A
STRESS LEVEL: N/A
CATHODIC PROTECTION: N/A
TRACER WIRE: YES - 10 GUAGE

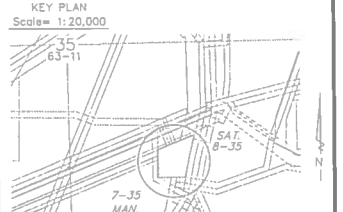
NOTES:

All underground facilites shown were located with electronic locators and may be subject to error. Actual locations should be verified independently by the field prior to any crossings.

Proposed pipe
Buried pipe
Buried cable
Overhead powerline
Power Pole
Rig Anchor
Wellhead
Guy Wire
Crossings

No.	REVISIONS	Y	M	D	CKD.	COMPANY	FILE NO.
18							
17							
16	ABANDONED LINE 82/4218	LAC	07	04	13	TY	INFRATECH	58928
15	ADDED LINE 116 & 117/4218	ES	08	10	03	TY	PALS SURVEYS	20600133
14	REDLINE CHANGES AS PER TROY S	PW	06	06	06	TY	INFRATECH	58928
13	ORIGINAL DRAWING	KM	05	06	20	TY	PALS SURVEYS	5841
12	ADDED LINE 110/4218 PROPOSED	DMM	03	01	09	TY	INFRATECH	58928
11	CHANGED OWNERSHIP	DMM	02	12	04	TY	INFRATECH	58928
10	UPDATED TABLE FROM FIELD NOTES	SEC	96	11	14	TY	USHER	58928
9	UPDATED TO ACAD PER JJ142	BRM	94	04	22		SESL	

KEY PLAN
Scale= 1:20,000



DRAWING REVIEW

SURVEY COORDINATOR

PENGROWTH ENGINEER

DATED:

PENGROWTH CORPORATI

OPERATING AREA:	JUDY CREEK
PLAN TYPE:	SITE PLAN
FACILITY TYPE:	MANIFOLD SITE
IN:	07-35-63-11 W5M
PLAN:	1 OF 1

SCALE: 1:500	J. STUART ENGINEERING & SURVEYIN PHONE: 234-9018 FAX: 216-2
DATE: 93/10/08	LAND REF: PIIL 840042
REVISION NO.: 16	DRAWING NO.: 58928