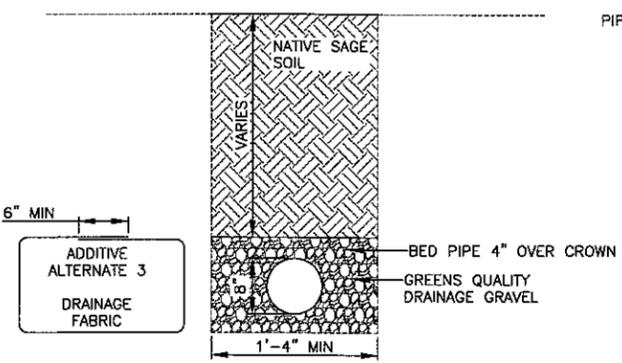
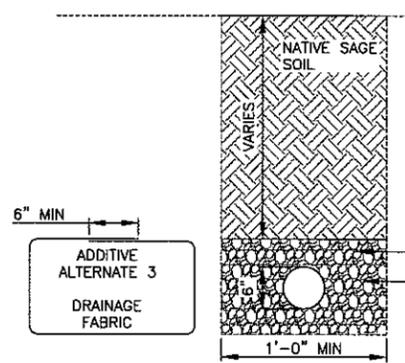


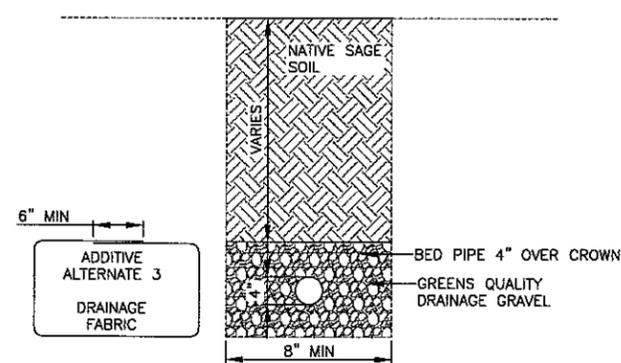
- NOTES:
1. ATTACH TO EXISTING DRAIN BOXES AT 18D, 18G, 18H, & 18T.
  2. 12' SPACING ON ALL HOLE 18 LATERALS.



- PIPES:
- 18H-18I
  - 18I-18J
  - 18J-18K
  - 18K-18T

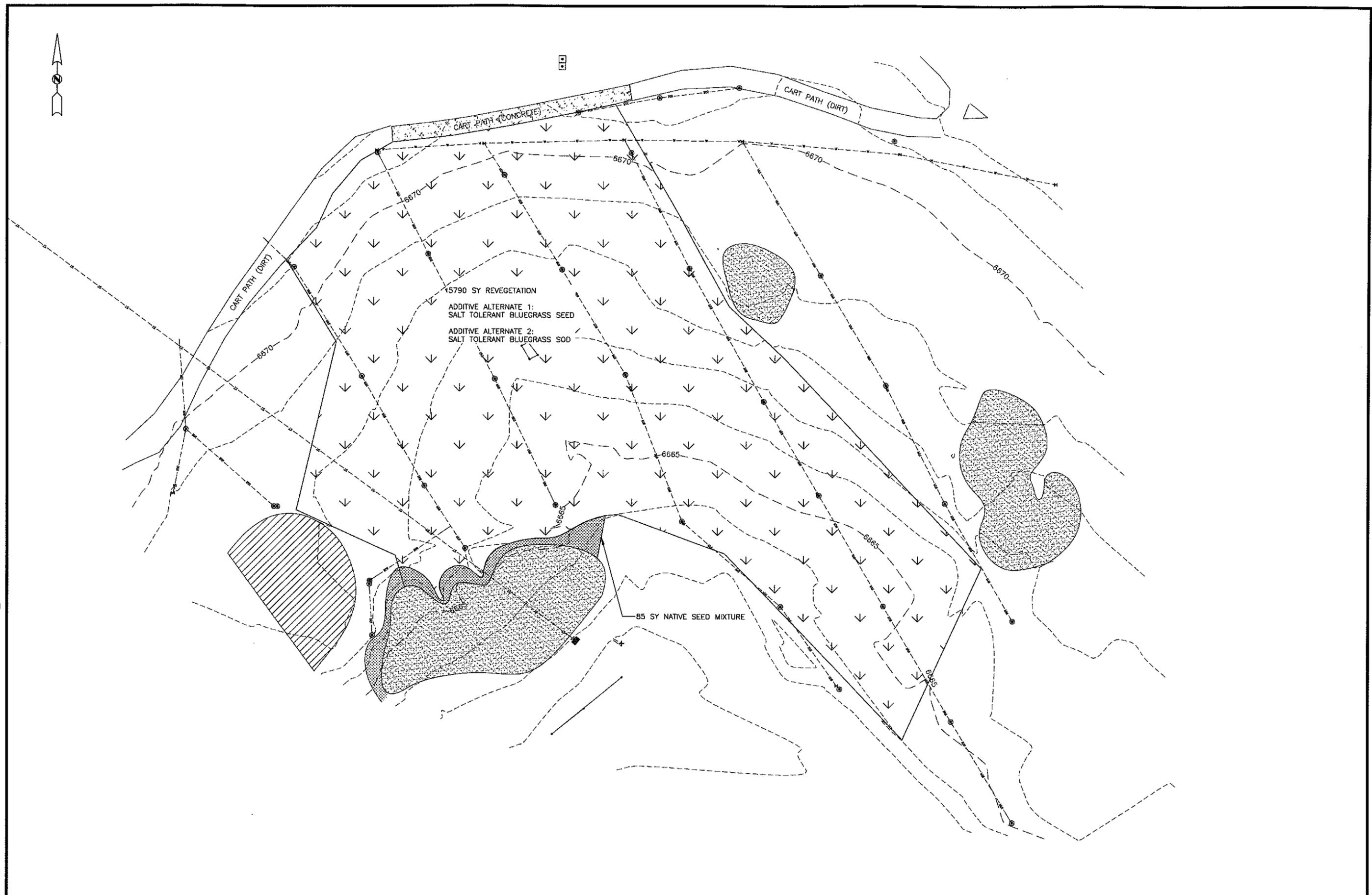
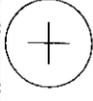
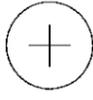
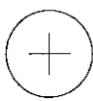
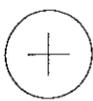


- PIPES:
- 18A-18B
  - 18C-18D
  - 18D-18E
  - 18E-18F
  - 18F-18G
  - 18G-18H
  - 18H-18I
  - 18I-18J
  - 18J-18K
  - 18K-18L
  - 18L-18M
  - 18M-18N
  - 18N-18O
  - 18O-18P
  - 18P-18Q
  - 18Q-18R
  - 18R-18S
  - 18S-18K



ALL 4" LATERALS

PIPE	LENGTH (LF)	SLOPE (%)
18A-18B	65.3	
18C-18D	6.5	0.15
18D-18E	41.7	0.17
18E-18F	14.6	0.21
18F-18G	12.8	0.08
18G-18H	101.7	0.52
18H-18I	39.4	0.61
18I-18J	61	0.61
18J-18K	9.4	0.64
18K-18T	9.7	0.62
18L-18M	95.8	0.80
18M-18D	148.6	0.80
18O-18P	67.9	0.81
18P-18F	159.3	0.80
18Q-18I	128.2	0.80
18R-18J	107.8	0.80
18S-18K	149.1	0.80



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 DATE: 08/28/09  
 TIME: 10:00 AM  
 USER: JKH  
 PLOT: 11/11/09 10:00 AM  
 PLOTTER: HPGL-PT

REV	DATE	BY	DESCRIPTION

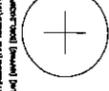
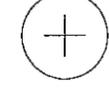
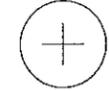
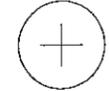
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FILE NAME SOD AND SEED 9.DWG	CHECKED BY: KH	DATE: 08-28-09
SCALE: 1" = 20'	APPROVED BY: CS	DATE: 08-28-09

CAUTION - THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ALL DAMAGE OR INJURY TO PERSONS OR PROPERTY CAUSED FROM THE CONTRACTOR DAMAGING OR INJURING ANY AND ALL UNDERGROUND UTILITIES, PROVIDED THAT THE NATURE, LOCATION, AND ELEVATION OF THE UNDERGROUND UTILITIES IS DETERMINED BY THE OWNER AND THE INFORMATION IS A PART OF THE PLAN BY WHICH THE CONTRACTOR OPERATES. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF W.S. 37-12-301 THROUGH W.S. 37-12-302 AND W.S. 37-12-304 THROUGH W.S. 37-12-305.

**PMPC**  
 CIVIL ENGINEERS  
 118 E. BRIDGE AVE. P.O. BOX 370  
 SARATOGA, WYOMING 82331  
 307-326-8301

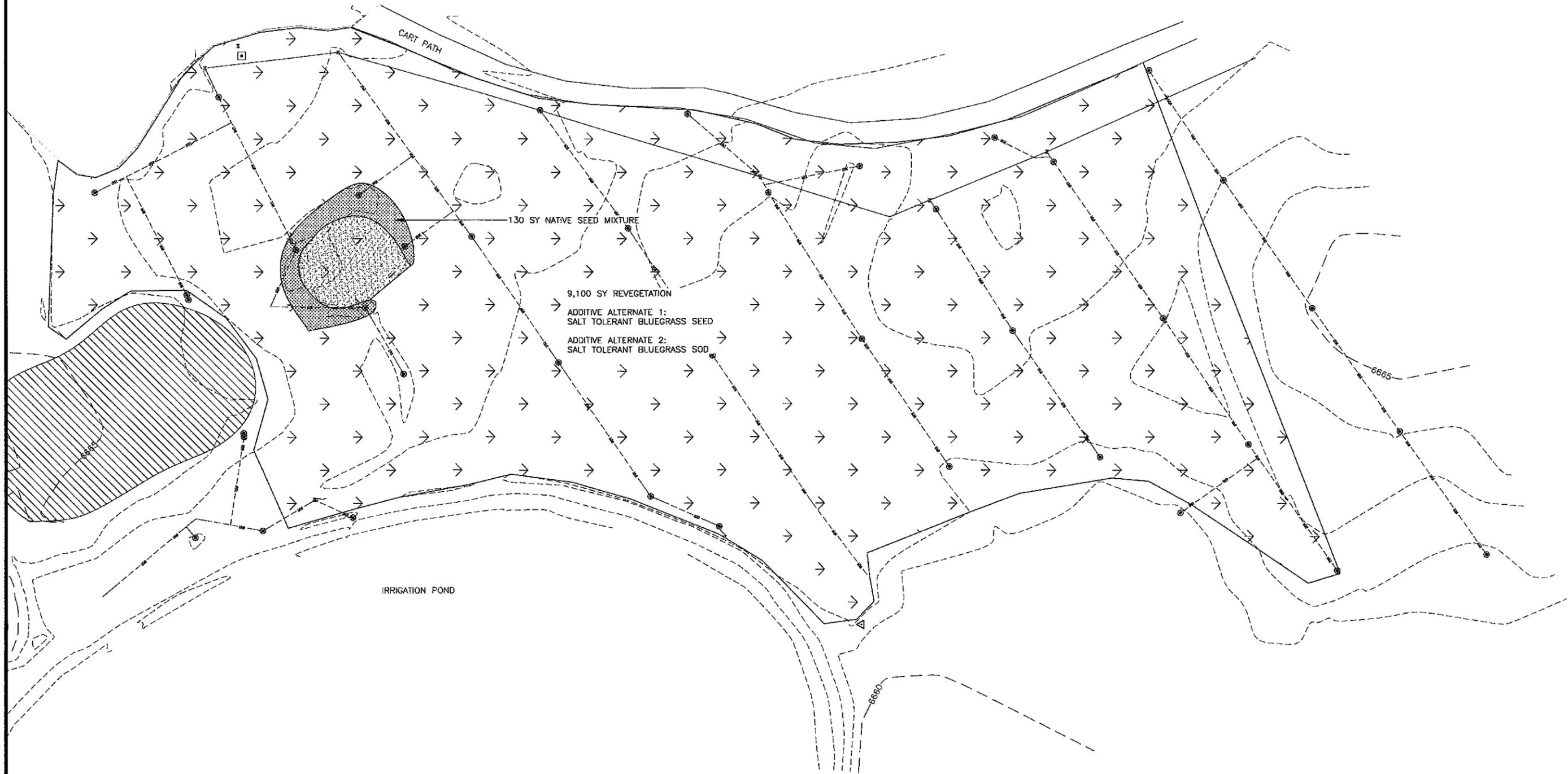
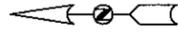
**HOLE 9 SOD AND SEEDING PLAN**  
 ROCHELLE RANCH GOLF COURSE HOLE 9, 10, 14, 18 FAIRWAY IMPROVEMENTS AND SOLAR PUMP STATION  
 CITY OF RAWLINS





P:\Projects\2008\20080814\20080814.dwg (AutoCAD) [2008/08/14 10:00:00 AM] User: [redacted] Plot Date: 08/14/08 10:00:00 AM

JOB NO. 7043.194		DRAWN BY: KH		DATE: 08-07-09		<b>CAUTION</b> - THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ALL DAMAGE OR INJURY TO PERSONS OR PROPERTY CAUSED FROM THE CONTRACTOR DAMAGING OR INJURING ANY AND ALL UNDERGROUND UTILITIES. PROVIDED THAT THE NATURE, LOCATION, AND ELEVATION OF THE UNDERGROUND UTILITIES IS DETERMINED BY THE OWNER AND THE INFORMATION IS A PART OF THE PLAN BY WHICH THE CONTRACTOR OPERATES. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF W.S. 37-12-301 THROUGH W.S. 37-12-302 AND W.S. 37-12-304 THROUGH W.S. 37-12-305.	<b>PMPC</b> CIVIL ENGINEERS	118 E. BRIDGE AVE. P.O. BOX 370 SARATOGA, WYOMING 82331 307-326-8301		<b>HOLE 14 SOD AND SEEDING PLAN</b> ROCHELLE RANCH GOLF COURSE HOLE 9, 10, 14, 18 FAIRWAY IMPROVEMENTS AND SOLAR PUMP STATION CITY OF RAILLUS		SHEET <b>8</b> OF 17	
FILE NAME 500 AND SEED 14.DWG		CHECKED BY: KH		DATE: 08-28-09									
SCALE: 1" = 30'		APPROVED BY: OS		DATE: 08-28-09									
REV	DATE	BY	DESCRIPTION										



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 Date: 08/26/09  
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 Plot Date: 08/26/09  
 Time: 10:00:00 AM  
 Plot Scale: 1" = 20'  
 Plot Size: 11.00 x 17.00  
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 Plot Linetype: Solid  
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 Plot Title: 18 Hole Sod and Seeding  
 Plot Sheet: 9 of 17

REV	DATE	BY	DESCRIPTION

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FILE NAME	SOD AND SEED 18.DWG
SCALE	1" = 20'

DRAWN BY:	KH	DATE:	08-07-09
CHECKED BY:	KH	DATE:	08-26-09
APPROVED BY:	GS	DATE:	08-26-09

CAUTION - THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ALL DAMAGE OR INJURY TO PERSONS OR PROPERTY CAUSED FROM THE CONTRACTOR DAMAGING OR INJURING ANY AND ALL UNDERGROUND UTILITIES, PROVIDED THAT THE NATURE, LOCATION, AND ELEVATION OF THE UNDERGROUND UTILITIES IS DETERMINED BY THE OWNER AND THE INFORMATION IS A PART OF THE PLAN BY WHICH THE CONTRACTOR OPERATES. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF W.S. 37-12-301 THROUGH W.S. 37-12-302 AND W.S. 37-12-304 THROUGH W.S. 37-12-305.

**PMPC**  
CIVIL ENGINEERS

118 E. BRIDGE AVE. P.O. BOX 370  
SARATOGA, WYOMING 82331  
307-326-8301

**HOLE 18 SOD AND SEEDING PLAN**

ROCHELLE RANCH GOLF COURSE HOLE 8, 10, 14, 18 FAIRWAY IMPROVEMENTS AND SOLAR PUMP STATION  
CITY OF RAILLINS



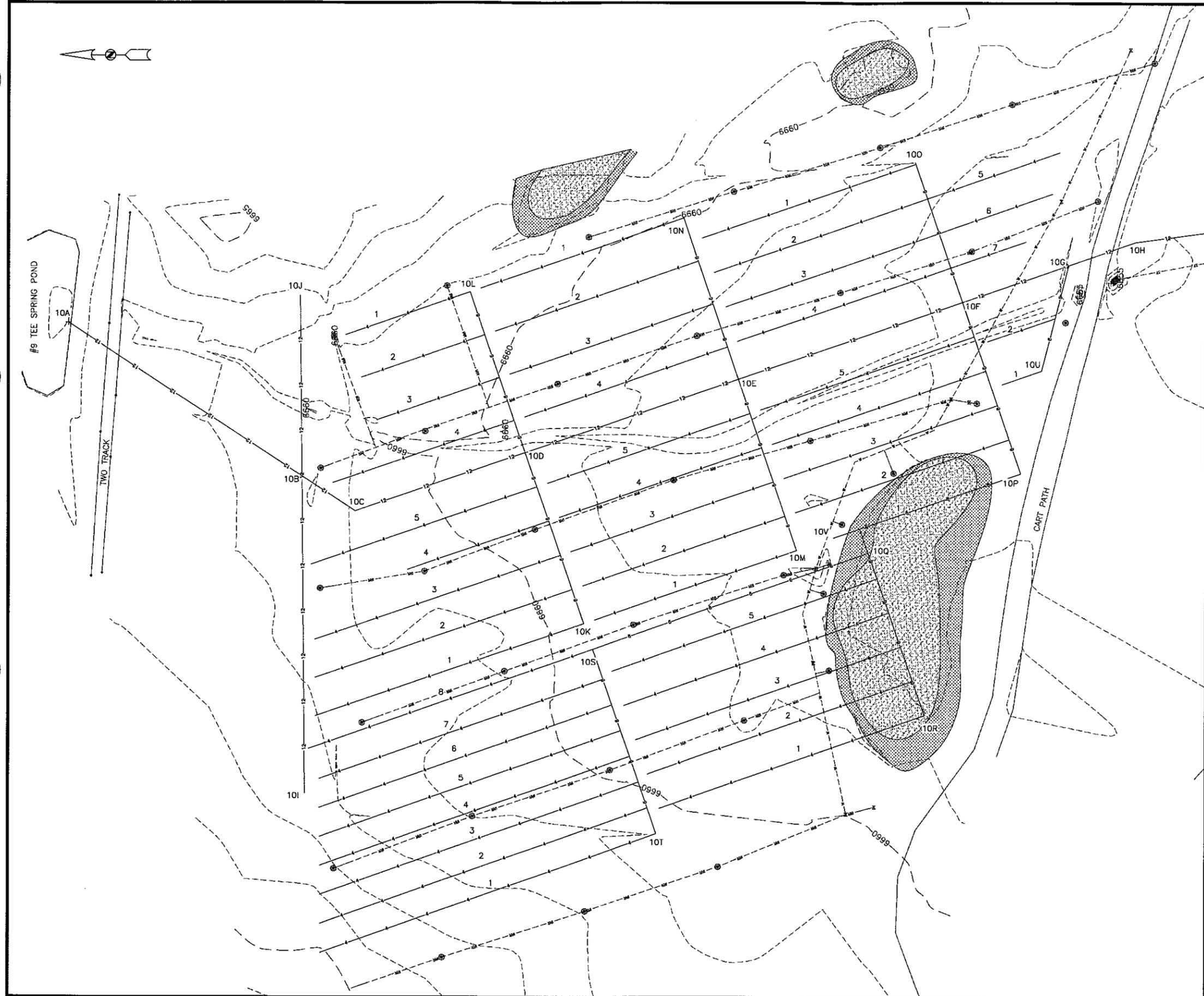
TRUNK LINE POINTS			
POINT	NORTHING	EASTING	ELEVATION
9A	800279.72	1351767.32	6665.39
9B	800331.99	1351804.27	6664.75
9C	800114.48	1351917.26	6662.09
9D	800225.86	1351932.05	6663.80
9E	800094.91	1351927.43	6660.10
9F	800162.11	1351766.66	6664.80
9H	800348.29	1351923.74	6665.94
9I	800338.45	1351808.80	6664.87
9J	800124.87	1351919.75	6661.68
9K	800098.14	1351933.64	6660.10
9L	800153.60	1351970.60	6662.03
9M	800150.40	1351964.93	6661.99
9N	800181.66	1352020.25	6662.33
9O	800332.82	1351871.61	6666.50
9P	800050.21	1352066.81	6662.88
9Q	800251.31	1351980.90	6664.69
9R	800082.41	1352076.33	6663.01

PIPE ID	CONNECTION END		TERMINAL END	
	NORTHING	EASTING	NORTHING	EASTING
BC1	800310.26	1351815.56	800315.56	1351798.78
BC2	800297.71	1351822.08	800306.99	1351792.72
BC3	800285.16	1351828.59	800306.99	1351792.72
BC4	800272.61	1351835.11	800289.85	1351780.60
BC5	800260.06	1351841.63	800281.28	1351774.54
BC6	800247.51	1351848.15	800269.01	1351780.15
BC7	800234.96	1351854.67	800256.75	1351785.76
BC8	800222.41	1351861.19	800243.86	1351793.38
BC9	800209.86	1351867.71	800230.96	1351800.99
BC10	800197.31	1351874.23	800218.07	1351808.60
BC11	800197.31	1351874.23	800205.17	1351816.21
BC12	800197.31	1351874.23	800192.28	1351823.82
BC13	800159.66	1351893.79	800179.38	1351831.44
BC14	800147.11	1351900.31	800166.48	1351839.05
BC15	800134.56	1351906.83	800153.59	1351846.66
BC16	800122.01	1351913.35	800140.69	1351854.27
DM1	800208.41	1351939.65	800273.38	1351957.71
DM2	800196.77	1351944.72	800263.46	1351963.25
DM3	800185.14	1351949.79	800253.53	1351968.80
DM4	800173.51	1351954.86	800243.60	1351974.34
DMS	800161.87	1351959.93	800233.67	1351979.89
FC1	800162.11	1351766.66	800232.00	1351788.76
FC2	800156.08	1351785.73	800208.86	1351802.42
FC3	800150.05	1351804.80	800185.72	1351816.08
FC4	800144.02	1351823.87	800162.58	1351829.74
U1	800316.15	1351820.38	800332.92	1351825.69
U2	800303.60	1351826.90	800333.53	1351836.37
U3	800291.05	1351833.42	800334.15	1351847.05
U4	800278.50	1351839.94	800329.55	1351856.09
U5	800273.19	1351848.57	800322.75	1351864.42
U6	800240.85	1351859.50	800311.44	1351871.34
U7	800240.85	1351859.50	800300.14	1351878.25
U8	800228.30	1351866.02	800288.84	1351885.16
U9	800215.75	1351872.54	800277.53	1351892.08
U10	800203.20	1351879.06	800266.23	1351898.99
U11	800190.65	1351885.58	800254.92	1351905.90
U12	800178.10	1351892.10	800243.62	1351912.82
U13	800165.55	1351898.62	800232.32	1351919.73
U14	800153.00	1351905.14	800218.66	1351925.90
U15	800140.45	1351911.66	800205.00	1351932.07
U16	800127.90	1351918.18	800189.99	1351937.81
U1	800130.35	1351929.44	800174.99	1351943.56
U2	800137.56	1351942.21	800159.99	1351949.30
MN1	800150.48	1351965.07	800223.75	1351985.43
MN2	800156.04	1351974.92	800213.82	1351990.97
MN3	800161.61	1351984.77	800204.13	1351996.59
MN4	800167.18	1351994.62	800194.54	1352002.22
MN5	800172.74	1352004.47	800184.94	1352007.86
OD1	800314.51	1351881.95	800335.57	1351887.81
OD2	800299.73	1351890.30	800335.88	1351900.35
OD3	800284.96	1351898.65	800336.20	1351912.89
OD4	800270.18	1351907.00	800336.52	1351925.44
OD5	800255.41	1351915.35	800320.02	1351933.31
OD6	800240.63	1351923.70	800304.42	1351941.43
OD7	800225.86	1351932.05	800288.82	1351949.55

PIPE ID	CONNECTION END		TERMINAL END	
	NORTHING	EASTING	NORTHING	EASTING
PL1	800053.63	1352063.63	800061.39	1352071.97
PL2	800056.55	1352060.90	800070.26	1352075.63
PL3	800059.48	1352058.18	800073.78	1352073.54
PL4	800062.41	1352055.45	800077.30	1352071.46
PL5	800065.34	1352052.73	800080.83	1352069.38
PL6	800068.27	1352050.00	800084.35	1352067.29
PL7	800071.20	1352047.28	800087.88	1352065.21
PL8	800074.12	1352044.55	800091.40	1352063.12
PL9	800077.05	1352041.83	800094.93	1352061.04
PL10	800079.98	1352039.10	800098.45	1352058.96
PL11	800082.91	1352036.38	800101.98	1352056.87
PL12	800085.84	1352033.65	800105.50	1352054.79
PL13	800088.77	1352030.93	800109.03	1352052.71
PL14	800091.69	1352028.20	800112.55	1352050.62
PL15	800094.62	1352025.48	800116.08	1352048.54
PL16	800097.55	1352022.75	800119.60	1352046.45
PL17	800100.48	1352020.03	800123.13	1352044.37
PL18	800103.41	1352017.30	800126.65	1352042.29
PL19	800106.34	1352014.58	800130.18	1352040.20
PL20	800109.26	1352011.86	800133.70	1352038.12
PL21	800112.19	1352009.13	800137.23	1352036.04
PL22	800115.12	1352006.41	800140.75	1352033.95
PL23	800118.05	1352003.68	800144.28	1352031.87
PL24	800120.98	1352000.96	800147.80	1352029.78
PL25	800123.91	1351998.23	800151.33	1352027.70
PL26	800126.83	1351995.51	800154.85	1352025.62
PL27	800129.76	1351992.78	800158.38	1352023.53
PL28	800132.69	1351990.06	800161.90	1352021.45
PL29	800135.62	1351987.33	800165.43	1352019.37
PL30	800138.55	1351984.61	800168.95	1352017.28
PL31	800141.48	1351981.88	800172.48	1352015.20
PL32	800144.40	1351979.16	800168.44	1352013.11
PL33	800147.33	1351976.43	800159.99	1351990.04
QN1	800251.31	1351980.90	800254.33	1351986.25
QN2	800233.50	1351990.74	800239.99	1352001.51
QN3	800216.49	1352000.57	800225.23	1352016.04
QN4	800199.07	1352010.41	800210.27	1352030.22
QN5	800181.66	1352020.25	800195.30	1352044.40
RN1	800084.15	1352075.35	800089.60	1352084.99
RN2	800091.12	1352071.41	800102.08	1352090.73
RN3	800098.08	1352067.48	800114.46	1352096.47
RN4	800105.05	1352063.54	800126.89	1352102.21
RN5	800112.01	1352059.61	800135.46	1352101.11
RN6	800118.98	1352055.67	800141.45	1352095.44
RN7	800125.94	1352051.74	800147.43	1352089.77
RN8	800132.91	1352047.80	800153.42	1352084.10
RN9	800139.87	1352043.87	800159.40	1352078.43
RN10	800146.84	1352039.93	800165.38	1352072.76
RN11	800153.80	1352035.99	800171.37	1352067.09
RN12	800160.77	1352032.06	800177.35	1352061.41
RN13	800167.73	1352028.12	800183.34	1352055.74
RN14	800174.70	1352024.19	800189.32	1352050.07

TRUNK LINE POINTS			
POINT	NORTHING	EASTING	ELEVATION
A10	799840.36	1352886.16	6658.32
B10	799737.13	1352818.39	6655.12
C10	799713.62	1352802.96	6654.82
D10	799637.55	1352826.47	6654.42
E10	799543.80	1352861.35	6653.92
F10	799444.50	1352895.50	6653.40
G10	799397.31	1352911.72	6653.15
H10	799367.52	1352921.97	6652.90
I10	799735.88	1352678.37	6656.28
J10	799737.85	1352898.11	6655.76
K10	799612.35	1352753.18	6656.51
L10	799662.75	1352899.76	6657.30
M10	799517.78	1352785.70	6655.39
N10	799568.18	1352932.28	6656.40
O10	799465.52	1352956.62	6655.50
P10	799418.49	1352819.84	6654.22
Q10	799486.04	1352784.64	6655.15
R10	799460.95	1352712.90	6655.15
S10	799608.45	1352741.84	6655.99
T10	799580.06	1352660.66	6657.50
U10	799409.29	1352865.30	6653.53
V10	799489.78	1352795.33	6655.15

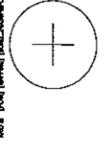
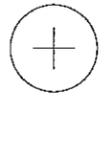
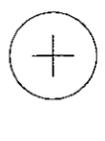
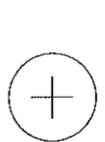
PIPE ID	CONNECTION END		TERMINAL END	
	NORTHING	EASTING	NORTHING	EASTING
KD1	799612.35	1352753.18	799731.18	1352712.32
KD2	799617.55	1352768.31	799731.33	1352729.19
KD3	799622.75	1352783.45	799731.48	1352746.06
KD4	799627.96	1352798.58	799690.34	1352777.12
KD5	799633.16	1352813.71	799733.05	1352779.36
LD1	799662.75	1352899.76	799717.75	1352880.85
LD2	799656.25	1352880.85	799710.78	1352862.09
LD3	799649.74	1352861.93	799703.82	1352843.34
LD4	799643.24	1352843.02	799723.50	1352815.42
ME1	799517.78	1352785.70	799607.62	1352754.81
ME2	799522.98	1352800.83	799612.82	1352769.94
ME3	799528.19	1352815.96	799618.02	1352785.07
ME4	799533.39	1352831.09	799623.23	1352800.20
ME5	799538.59	1352846.22	799628.43	1352815.33
NE1	799568.18	1352932.28	799658.02	1352901.39
NE2	799561.68	1352913.36	799651.52	1352882.47
NE3	799555.18	1352894.45	799645.01	1352863.56
NE4	799548.67	1352875.54	799638.51	1352844.65
OF1	799465.52	1352956.62	799559.88	1352923.50
OF2	799460.11	1352940.89	799554.68	1352908.37
OF3	799454.91	1352925.76	799549.47	1352893.24
OF4	799449.70	1352910.63	799544.27	1352878.11
OF5	799460.11	1352940.89	799401.46	1352961.06
OF6	799454.91	1352925.76	799404.59	1352943.06
OF7	799449.70	1352910.63	799416.31	1352922.11
PF1	799418.49	1352819.84	799513.05	1352787.33
PF2	799423.69	1352834.97	799518.26	1352802.46
PF3	799428.89	1352850.11	799523.46	1352817.59
PF4	799434.10	1352865.24	799528.66	1352832.72
PF5	799439.30	1352880.37	799533.86	1352847.85
RQ1	799460.95	1352712.90	799578.64	1352671.75
RQ2	799466.23	1352728.00	799583.92	1352686.85
RQ3	799471.52	1352743.11	799589.20	1352701.95
RQ4	799476.80	1352758.21	799594.48	1352717.06
RQ5	799482.08	1352773.31	799599.76	1352732.16
TS1	799580.06	1352660.66	799729.03	1352608.56
TS2	799584.02	1352671.98	799729.12	1352621.24
TS3	799587.98	1352683.31	799729.12	1352621.24
TS4	799591.94	1352694.64	799729.28	1352646.61
TS5	799595.90	1352705.96	799729.36	1352659.29
TS6	799599.86	1352717.29	799729.44	1352671.98
TS7	799603.82	1352728.62	799729.53	1352684.66
TS8	799608.45	1352741.84	799734.15	1352697.88
UG1	799409.29	1352865.30	799426.77	1352859.30
UG2	799403.30	1352888.51	799433.27	1352878.21



DRAWING NUMBER: 7043.194 (SARATOGA) DATE: 08-28-09  
 FILE NAME: SURVEY 10.DWG  
 SCALE: 1" = 20'  
 JOB NO. 7043.194  
 DRAWN BY: KH  
 CHECKED BY: KH  
 APPROVED BY: GS  
 DATE: 08-07-09  
 DATE: 08-28-09  
 DATE: 08-28-09

CAUTION - THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ALL DAMAGE OR INJURY TO PERSONS OR PROPERTY CAUSED FROM THE CONTRACTOR DAMAGING OR INJURING ANY AND ALL UNDERGROUND UTILITIES, PROVIDED THAT THE NATURE, LOCATION, AND ELEVATION OF THE UNDERGROUND UTILITIES IS DETERMINED BY THE OWNER AND THE INFORMATION IS A PART OF THE PLAN BY WHICH THE CONTRACTOR OPERATES. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF W.S. 37-12-301 THROUGH W.S. 37-12-302 AND W.S. 37-12-304 THROUGH W.S. 37-12-305.

**PMPC**  
 CIVIL ENGINEERS  
 118 E. BRIDGE AVE. P.O. BOX 370  
 SARATOGA, WYOMING 82331  
 307-326-8301



TRUNK LINE POINTS			
POINT	NORTHING	EASTING	ELEVATION
A14	799200.92	1352944.57	6650.30
B14	799064.73	1352919.22	6648.92
C14	799027.41	1352944.83	6648.47
D14	798968.74	1352985.09	6647.75
E14	798957.46	1353045.73	6646.64
F14	798949.69	1353087.48	6646.53
G14	798889.50	1353076.28	6646.39
H14	799086.73	1352959.75	6649.49
I14	799087.43	1352956.00	6649.53
J14	799000.75	1353052.64	6647.16
K14	799000.54	1353053.75	6647.08
L14	798937.70	1353151.91	6647.04
M14	799054.17	1352896.92	6649.10
N14	799062.96	1352849.73	6648.78
O14	798914.59	1352822.11	6647.60
P14	798895.56	1352924.36	6646.12
Q14	798826.46	1352911.50	6645.56
R14	798786.37	1352904.04	6644.80
S14	798776.54	1352902.21	6644.72
T14	798945.78	1352876.74	6647.80
U14	798938.93	1352916.60	6646.50
V14	798920.99	1352929.09	6646.32
W14	798845.49	1352809.25	6646.20
X14	799071.56	1352803.52	6650.04
Y14	799064.24	1352842.84	6649.72
Z14	798973.24	1352785.22	6648.52
AA14	798965.93	1352824.55	6648.20
AB14	798806.68	1352794.91	6645.70
AC14	799010.78	1352731.18	6650.18
AD14	799003.46	1352770.50	6649.86
AE14	798808.41	1352632.48	6649.22
AF14	798790.11	1352730.80	6646.40
AG14	798779.13	1352789.78	6645.92
AH14	799191.81	1352846.24	6645.92
AI14	799067.90	1352823.18	6645.92



PIPE ID	LATERAL LINE END POINTS			
	CONNECTION END		TERMINAL END	
	NORTHING	EASTING	NORTHING	EASTING
ABR1	798805.40	1352801.79	798837.62	1352807.79
ABR2	798803.93	1352809.66	798836.16	1352815.65
ABR3	798802.47	1352817.52	798834.70	1352823.52
ABR4	798801.01	1352825.39	798833.23	1352831.38
ABR5	798799.54	1352833.25	798831.77	1352839.25
ABR6	798798.08	1352841.12	798830.30	1352847.11
ABR7	798796.62	1352848.98	798828.84	1352854.98
ABR8	798795.15	1352856.85	798827.38	1352862.84
ABR9	798793.69	1352864.71	798825.91	1352870.71
ABR10	798792.22	1352872.58	798824.45	1352878.57
ACAD1	799092.57	1352726.06	799098.27	1352695.40
ACAD2	799045.27	1352717.25	799112.60	1352729.79
ACAD3	799041.61	1352736.92	799045.27	1352717.25
ACAD4	799010.78	1352731.18	799106.13	1352748.92
ACAD5	799007.18	1352750.85	799105.94	1352769.23
ACAD6	799003.46	1352770.50	799120.47	1352792.28
AEAF1	798808.41	1352632.48	798877.92	1352645.42
AEAF2	798804.75	1352652.15	798903.47	1352670.52
AEAF3	798801.09	1352671.81	798929.03	1352695.62
AEAF4	798797.43	1352691.47	798954.58	1352720.72
AEAF5	798793.77	1352711.13	798959.88	1352742.05
AFAG1	798786.45	1352705.46	798968.33	1352784.31
AFAG2	798782.79	1352720.12	798964.67	1352803.97
BC1	799046.07	1352932.03	799202.37	1352961.11
BC2	799087.43	1352956.00	799202.34	1352977.38
CD1	799008.76	1352957.63	799202.32	1352993.66
CD2	798990.10	1352970.43	799202.29	1353009.93
CD3	798971.44	1352983.24	799202.27	1353026.20
DE1	798966.24	1352998.54	799187.94	1353039.80
DE2	798963.31	1353014.27	799175.42	1353053.75
DE3	798960.38	1353030.00	799164.32	1353067.96
EF1	799000.54	1353053.75	799150.40	1353081.64
EF2	798955.26	1353057.53	799100.48	1353084.56
EF3	798952.33	1353073.26	799044.52	1353090.42
HA1	799248.61	1352938.10	799253.00	1352970.50
HA2	799228.79	1352940.79	799236.14	1352995.00
HA3	799208.97	1352943.48	799214.67	1352985.49
LF1	798937.70	1353151.91	799007.52	1353164.90
LF2	798940.62	1353136.18	799006.19	1353148.38
LF3	798943.55	1353120.45	798999.46	1353130.85
LF4	798946.48	1353104.72	798997.26	1353114.17
LF5	798949.41	1353088.99	798995.58	1353100.19
MN1	799054.17	1352896.92	799200.53	1352924.15
MN2	799057.83	1352877.25	799200.75	1352903.85
MN3	799061.49	1352857.59	799200.97	1352883.55
OP1	798913.13	1352829.98	798907.56	1352856.86
OP2	798911.67	1352837.84	798906.10	1352864.72
OP3	798910.20	1352845.71	798905.24	1352862.28
OP4	798908.74	1352853.57	798904.38	1352866.39
OP5	798907.27	1352861.44	798903.52	1352869.63
OP6	798905.81	1352869.30	798902.66	1352874.17
OP7	798904.35	1352877.17	798901.80	1352878.46
OP8	798902.88	1352885.03	798900.94	1352882.76
OP9	798901.42	1352892.90	798899.58	1352887.06
OP10	798899.96	1352900.76	798898.72	1352891.36
OP11	798898.49	1352908.63	798897.86	1352895.66
OP12	798897.03	1352916.49	798897.00	1352899.96
OP13	799040.57	1352861.83	799053.21	1352880.25
OP14	799029.45	1352859.76	799051.14	1352891.37
WQ1	798845.49	1352809.25	798906.73	1352820.65
WQ2	798844.02	1352817.12	798905.26	1352828.52
WQ3	798842.56	1352824.98	798903.80	1352836.38
WQ4	798841.10	1352832.85	798902.34	1352844.25
WQ5	798839.63	1352840.71	798900.87	1352852.11
WQ6	798838.17	1352848.58	798899.41	1352859.97
WQ7	798836.71	1352856.44	798897.95	1352867.84
WQ8	798835.24	1352864.31	798896.48	1352875.70
WQ9	798833.78	1352872.17	798895.02	1352883.57
WQ10	798832.31	1352880.04	798893.55	1352891.43
WQ11	798830.85	1352887.90	798892.09	1352899.30
WQ12	798829.39	1352895.77	798890.63	1352907.16
WQ13	798827.92	1352903.63	798889.16	1352915.03
XY1	799179.53	1352779.65	799250.73	1352730.76
XY2	799174.36	1352807.46	799245.75	1352758.48
XY3	799171.63	1352822.14	799179.53	1352779.65
XY4	799071.56	1352803.52	799200.05	1352827.43
XY5	799067.90	1352823.18	799200.38	1352847.84
XY6	799064.24	1352842.84	799200.72	1352868.24
ZAA1	798973.24	1352785.22	799066.64	1352802.60
ZAA2	798969.58	1352804.88	799062.98	1352822.27

SHEET 14 OF 17  
 DATE: 08-28-09  
 DRAWN BY: KH  
 CHECKED BY: KH  
 APPROVED BY: GS  
 SCALE: 1" = 30'  
 JOB NO. 7043.194  
 FILE NAME SURVEY 14.DWG  
 CAUTION - THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ALL DAMAGE OR INJURY TO PERSONS OR PROPERTY CAUSED FROM THE CONTRACTOR DAMAGING OR INJURING ANY AND ALL UNDERGROUND UTILITIES. PROVIDED THAT THE NATURE, LOCATION, AND ELEVATION OF THE UNDERGROUND UTILITIES IS DETERMINED BY THE OWNER AND THE INFORMATION IS A PART OF THE PLAN BY WHICH THE CONTRACTOR OPERATES. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF W.S. 37-12-301 THROUGH W.S. 37-12-302 AND W.S. 37-12-304 THROUGH W.S. 37-12-305.

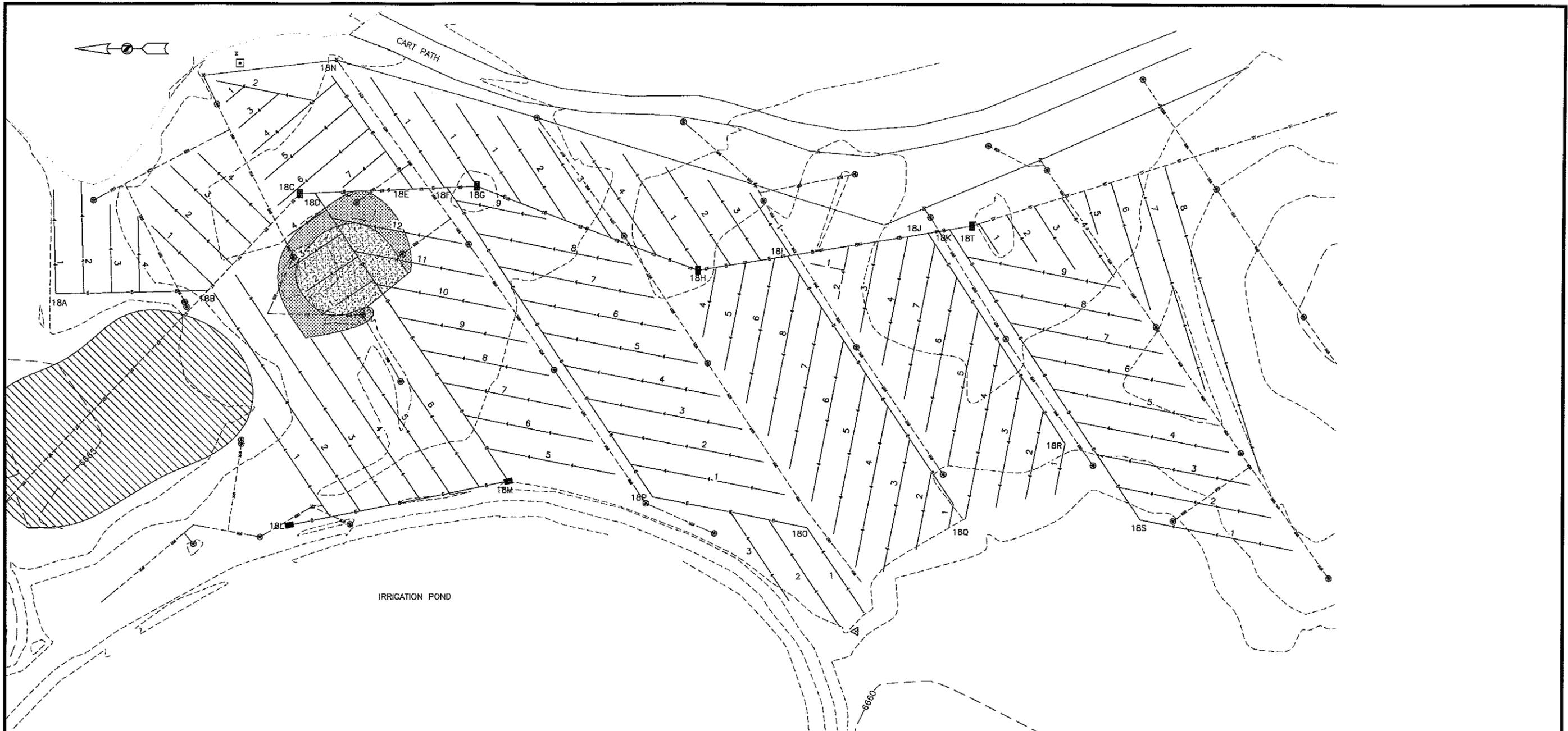
REV	DATE	BY	DESCRIPTION

JOB NO. 7043.194	DRAWN BY: KH	DATE: 08-07-09
FILE NAME SURVEY 14.DWG	CHECKED BY: KH	DATE: 08-28-09
SCALE: 1" = 30'	APPROVED BY: GS	DATE: 08-28-09

CAUTION - THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ALL DAMAGE OR INJURY TO PERSONS OR PROPERTY CAUSED FROM THE CONTRACTOR DAMAGING OR INJURING ANY AND ALL UNDERGROUND UTILITIES. PROVIDED THAT THE NATURE, LOCATION, AND ELEVATION OF THE UNDERGROUND UTILITIES IS DETERMINED BY THE OWNER AND THE INFORMATION IS A PART OF THE PLAN BY WHICH THE CONTRACTOR OPERATES. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF W.S. 37-12-301 THROUGH W.S. 37-12-302 AND W.S. 37-12-304 THROUGH W.S. 37-12-305.

**PMPC**  
 CIVIL ENGINEERS  
 118 E. BRIDGE AVE. P.O. BOX 370  
 SARATOGA, WYOMING 82331  
 307-326-8301

HOLE 14 STAKEOUT DATA  
 ROCHELLE RANCH GOLF COURSE HOLE 9, 10, 14, 18 FAIRWAY IMPROVEMENTS AND SOLAR PUMP STATION  
 CITY OF RAWLINS



TRUNK LINE POINTS				
POINT	NORTHING	EASTING	ELEVATION	
18A	799571.19	1351642.39	VERIFY	
18B	799505.88	1351643.79	VERIFY	
18C	799466.12	1351685.13	6658.41	
18D	799459.62	1351685.40	6658.4	
18E	799417.93	1351687.12	6658.33	
18F	799403.35	1351687.72	6658.3	
18G	799390.53	1351688.25	6658.29	
18H	799295.33	1351652.61	6657.76	
18I	799256.44	1351658.89	6657.52	
18J	799196.18	1351668.63	6657.15	
18K	799186.85	1351670.14	6657.09	
18L	799470.73	1351543.16	6660.36	
18M	799376.78	1351562.10	6659.59	
18N	799452.62	1351735.08	6658.8	
18O	799247.89	1351542.40	6660.12	
18P	799314.50	1351555.47	6659.57	
18Q	799184.97	1351552.51	6658.54	
18R	799136.62	1351578.81	6658.01	
18S	799104.29	1351546.04	6658.28	
18T	799177.30	1351671.68	6657.03	

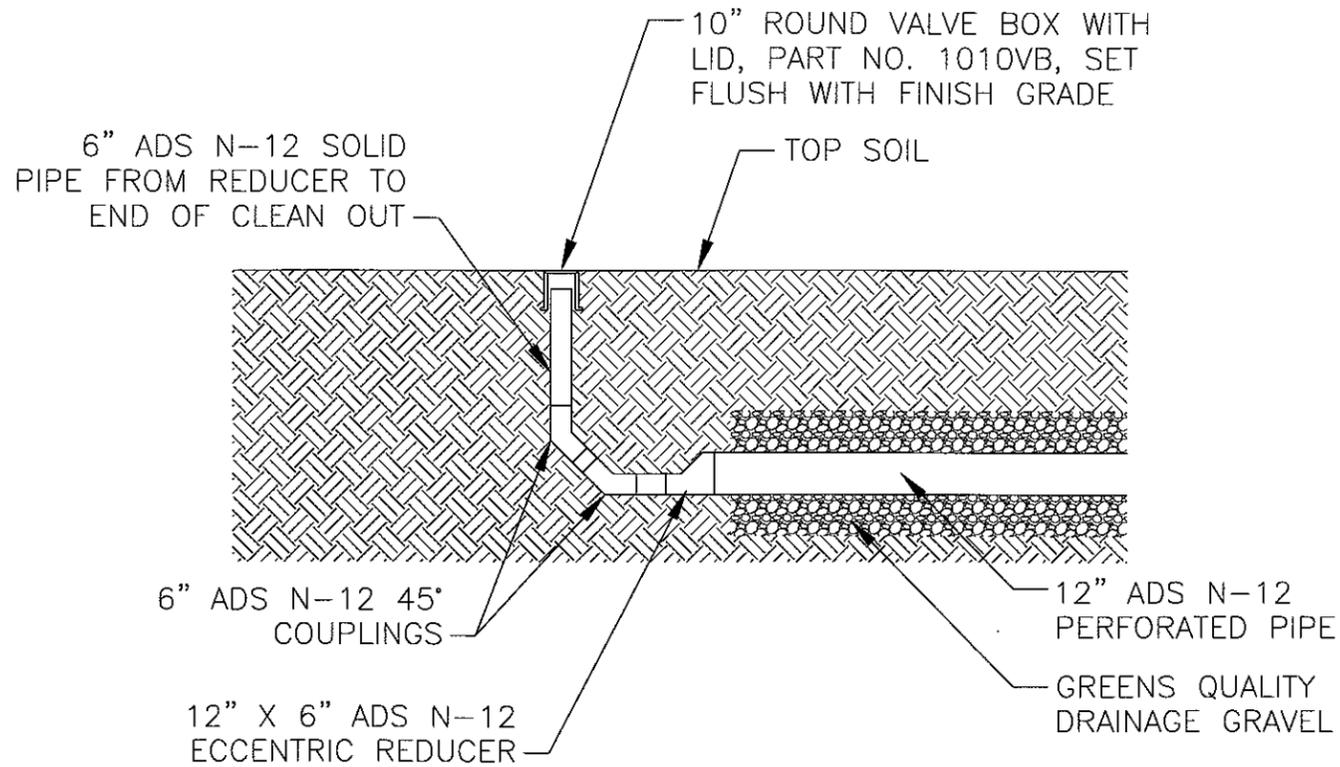
LATERAL LINE END POINTS				
PIPE ID	CONNECTION END		TERMINAL END	
	NORTHING	EASTING	NORTHING	EASTING
AB1	799571.19	1351642.39	799572.14	1351686.62
AB2	799559.19	1351642.64	799560.21	1351689.79
AB3	799547.20	1351642.90	799548.00	1351680.47
AB4	799535.20	1351643.16	799535.89	1351675.47
BC1	799503.64	1351646.09	799530.08	1351671.42
BC2	799485.34	1351654.76	799530.25	1351688.20
BC3	799487.04	1351663.43	799521.95	1351696.86
BC4	799478.74	1351672.09	799510.17	1351702.20
EF1	799404.51	1351687.67	799435.95	1351734.47
FG1	799390.53	1351688.38	799417.33	1351728.28
GH1	799371.09	1351680.97	799399.46	1351723.19
GH2	799351.77	1351673.74	799381.58	1351718.10
GH3	799332.46	1351666.51	799363.70	1351713.01
GH4	799313.14	1351659.28	799345.53	1351707.48
HI1	799294.32	1351652.77	799327.39	1351702.00
HI2	799281.28	1351654.88	799309.25	1351696.51
HI3	799268.23	1351656.99	799291.10	1351691.03
HI4	799287.36	1351653.90	799293.19	1351624.17
HI5	799274.73	1351655.94	799283.73	1351610.09

LATERAL LINE END POINTS				
PIPE ID	CONNECTION END		TERMINAL END	
	NORTHING	EASTING	NORTHING	EASTING
HI6	799274.73	1351655.94	799274.26	1351596.00
IJ1	799232.14	1351652.91	799246.44	1351655.72
IJ2	799230.13	1351663.14	799234.55	1351640.64
IJ3	799217.50	1351665.19	799225.11	1351626.41
IJ4	799204.87	1351667.23	799215.68	1351612.18
LM1	799453.17	1351546.70	799481.51	1351588.87
LM2	799440.44	1351549.26	799503.14	1351642.59
LM3	799427.71	1351551.83	799493.99	1351650.48
LM4	799414.98	1351554.40	799461.36	1351623.44
LM5	799402.24	1351556.96	799448.57	1351625.92
LM6	799389.51	1351559.53	799419.78	1351604.58
MD1	799434.75	1351648.39	799456.81	1351633.57
MD2	799441.44	1351658.35	799463.50	1351643.53
MD3	799448.14	1351668.31	799470.19	1351653.49
MD4	799454.83	1351678.27	799471.44	1351667.10
MD5	799386.24	1351576.18	799330.73	1351565.29
MD6	799395.71	1351590.27	799340.20	1351579.37
MD7	799405.17	1351604.36	799349.66	1351593.46
MD8	799414.64	1351618.44	799359.13	1351607.55

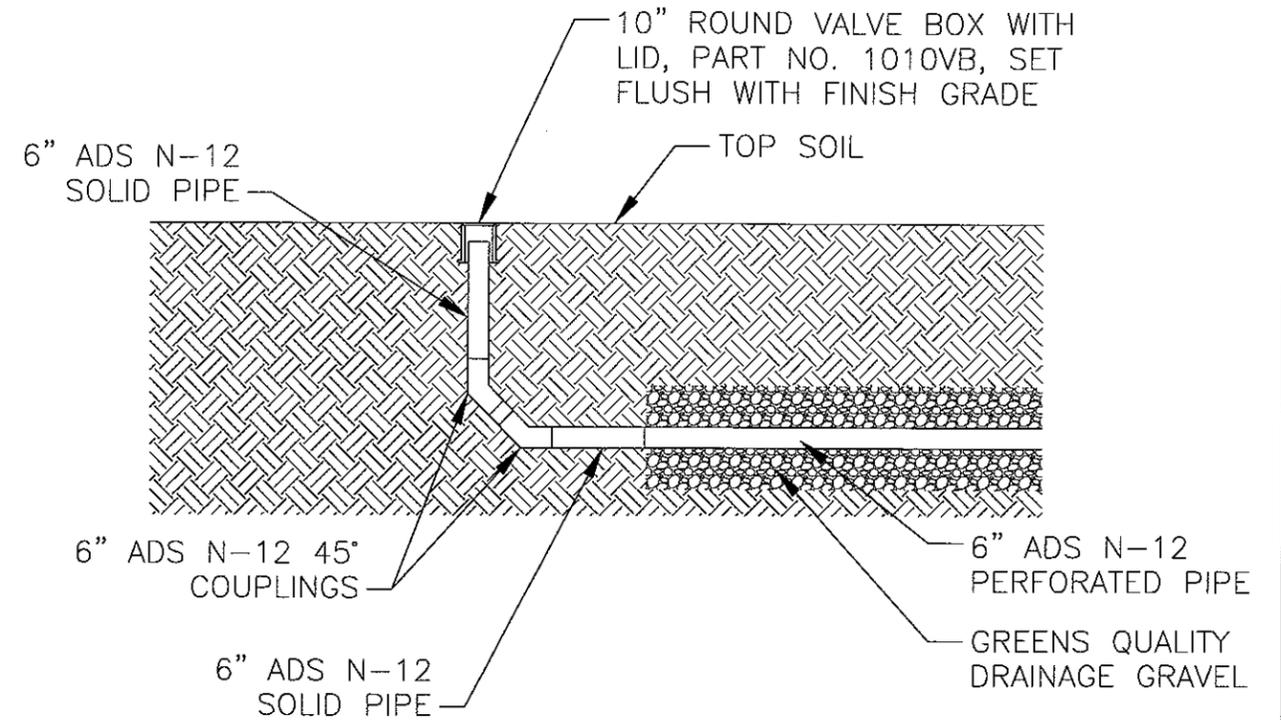
LATERAL LINE END POINTS				
PIPE ID	CONNECTION END		TERMINAL END	
	NORTHING	EASTING	NORTHING	EASTING
MD9	799424.10	1351632.53	799368.59	1351621.63
MD10	799433.56	1351646.62	799378.05	1351635.72
MD11	799443.03	1351660.70	799387.52	1351649.81
MD12	799452.49	1351674.79	799396.98	1351663.89
NE1	799490.35	1351730.52	799498.06	1351724.03
NE2	799460.13	1351724.59	799502.34	1351732.87
NE3	799475.24	1351727.55	799492.46	1351713.06
NE4	799450.75	1351732.49	799486.86	1351702.08
NE5	799443.69	1351722.74	799481.26	1351691.11
NE6	799436.64	1351712.99	799475.66	1351680.14
NE7	799429.59	1351703.24	799447.82	1351687.89
OP1	799247.89	1351542.40	799223.34	1351505.86
OP2	799264.54	1351545.67	799234.00	1351500.22
OP3	799281.20	1351548.94	799255.56	1351510.79
PF1	799314.50	1351555.47	799257.35	1351556.49
PF2	799323.97	1351569.56	799266.82	1351570.57
PF3	799333.43	1351583.65	799276.28	1351584.66
PF4	799342.89	1351597.73	799285.75	1351598.75
PF5	799352.36	1351611.82	799295.21	1351612.83

LATERAL LINE END POINTS				
PIPE ID	CONNECTION END		TERMINAL END	
	NORTHING	EASTING	NORTHING	EASTING
PF6	799361.82	1351625.91	799304.68	1351626.92
PF7	799371.29	1351639.99	799314.14	1351641.01
PF8	799380.75	1351654.08	799323.60	1351655.09
PF9	799390.22	1351668.17	799360.49	1351674.56
QJ1	799184.97	1351552.51	799186.94	1351542.46
QJ2	799194.43	1351566.60	799201.03	1351532.99
QJ3	799203.90	1351580.69	799215.11	1351523.53
QJ4	799213.36	1351594.77	799226.94	1351525.57
QJ5	799222.82	1351608.86	799236.41	1351539.65
QJ6	799232.29	1351622.95	799245.87	1351553.74
QJ7	799241.75	1351637.03	799255.34	1351567.83
QJ8	799251.22	1351651.12	799264.80	1351581.91
RJ1	799136.62	1351578.81	799140.92	1351556.93
RJ2	799146.06	1351593.04	799153.55	1351554.86
RJ3	799155.49	1351607.27	799166.50	1351551.20
RJ4	799164.93	1351621.50	799179.70	1351546.23
RJ5	799174.37	1351635.73	799187.37	1351569.48
RJ6	799183.80	1351649.97	799196.80	1351583.72
RJ7	799193.24	1351664.20	799206.24	1351597.95

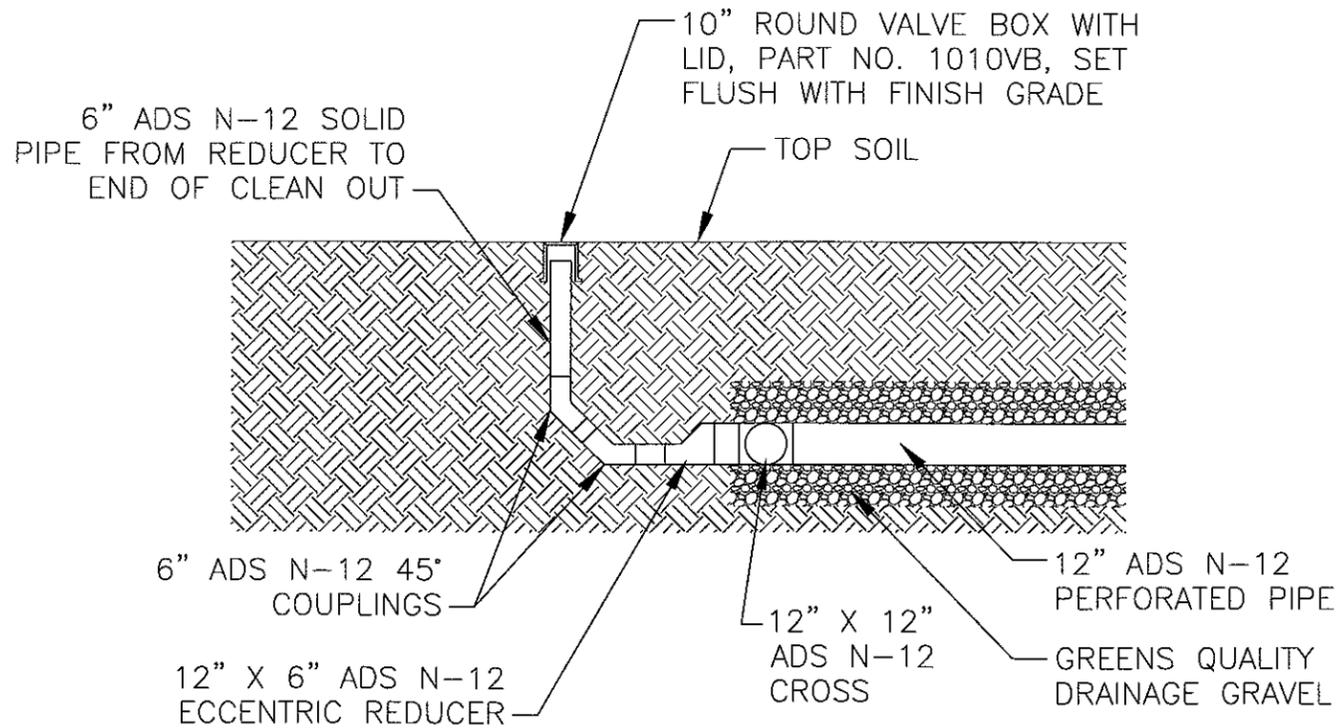
LATERAL LINE END POINTS				
PIPE ID	CONNECTION END		TERMINAL END	
	NORTHING	EASTING	NORTHING	EASTING
SK1	799104.29	1351546.04	799038.42	1351533.11
SK2	799113.65	1351560.11	799047.77	1351547.18
SK3	799123.01	1351574.17	799057.13	1351561.24
SK4	799132.37	1351588.24	799066.49	1351575.31
SK5	799141.72	1351602.30	799075.85	1351589.37
SK6	799151.08	1351616.37	799085.20	1351603.44
SK7	799160.44	1351630.43	799094.56	1351617.50
SK8	799169.80	1351644.50	799103.92	1351631.57
SK9	799179.15	1351658.56	799113.28	1351645.63
T1	799174.13	1351672.67	799165.70	1351660.00
T2	799162.18	1351676.39	799149.12	1351656.75
T3	799150.24	1351680.10	799137.54	1351653.49
T4	799138.30	1351683.82	799115.96	1351650.24
T5	799128.66	1351686.67	799122.89	1351668.51
T6	799117.23	1351690.30	799100.07	1351636.33
T7	799105.79	1351693.94	799076.48	1351601.75
T8	799094.35	1351697.57	799052.52	1351568.98



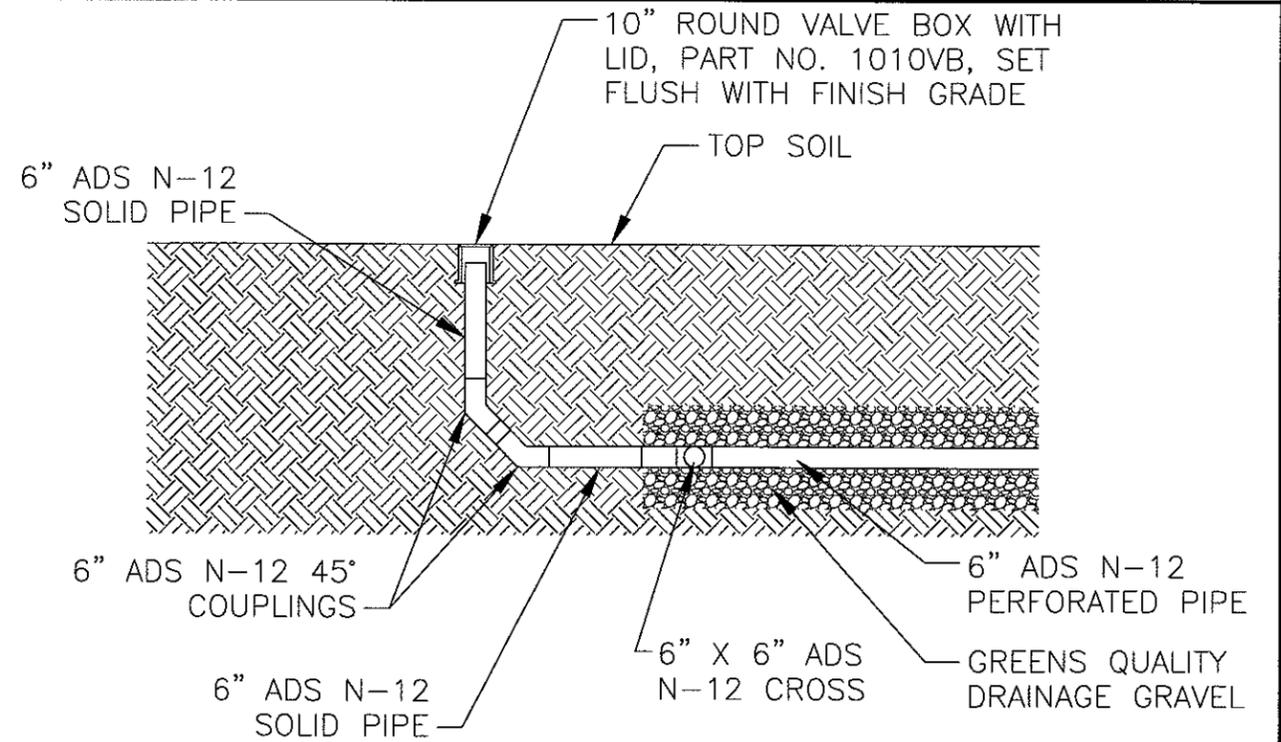
TYPICAL END CLEAN OUT  
WITH 12" TRUNK MAIN



TYPICAL END CLEAN OUT  
WITH 6" TRUNK MAIN



TYPICAL JUNCTION CLEAN OUT  
WITH 12" TRUNK MAINS



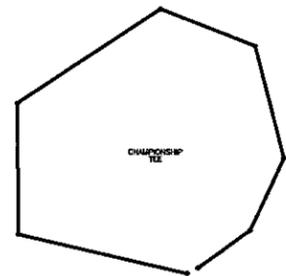
TYPICAL JUNCTION CLEAN OUT  
WITH 6" TRUNK MAINS

REV	DATE	BY	DESCRIPTION

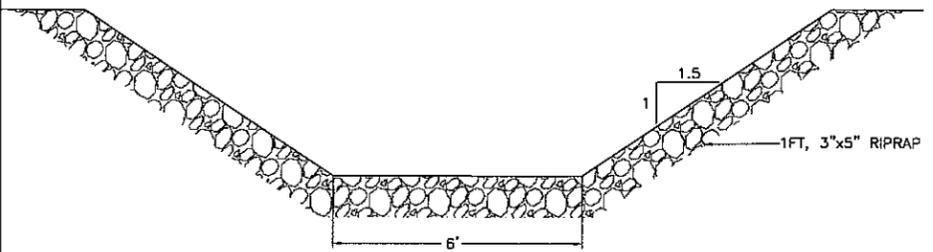
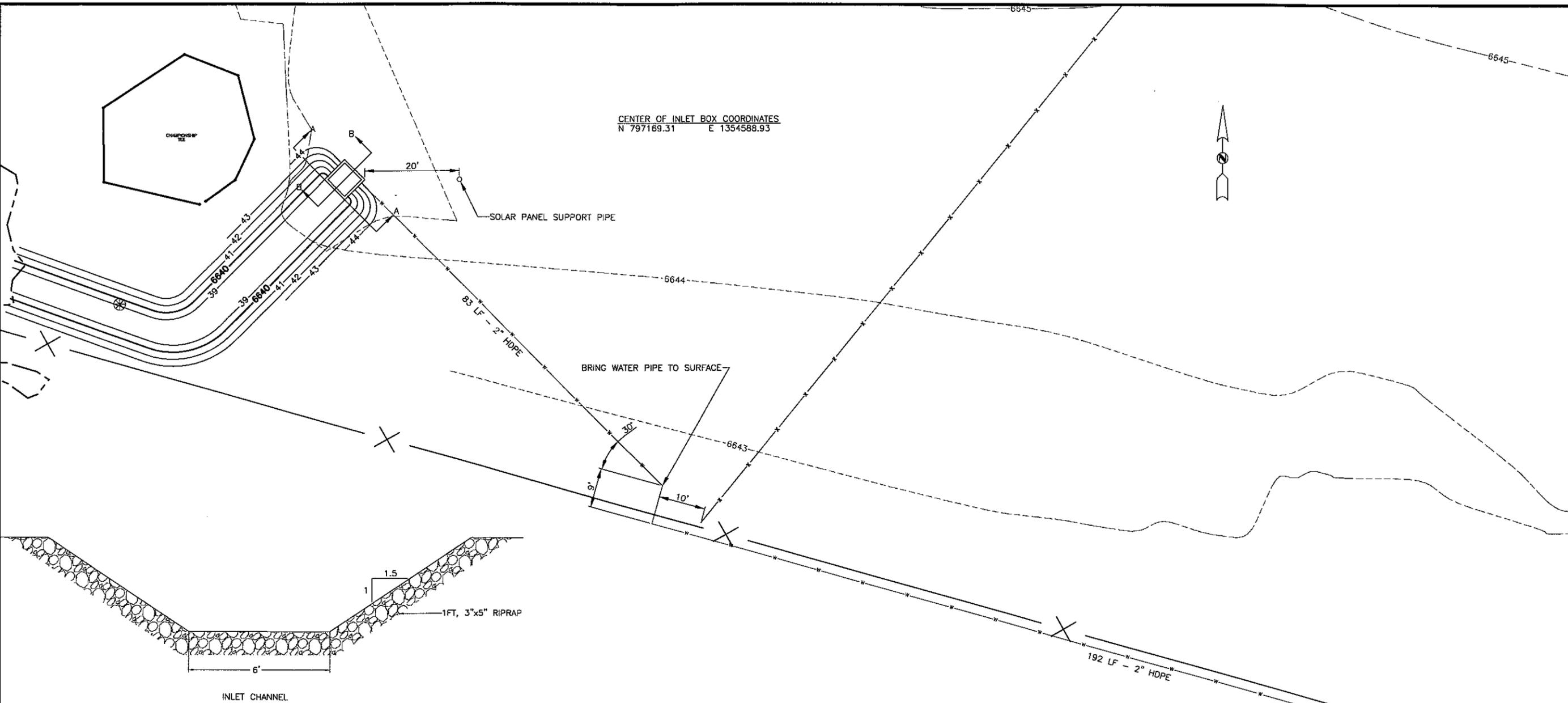
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FILE NAME: DETAILS 1.DWG	CHECKED BY: KH	DATE: 08/28/09
SCALE: NTS	APPROVED BY: GLS	DATE: 08/31/09

CAUTION - THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ALL DAMAGE OR INJURY TO PERSONS OR PROPERTY CAUSED FROM THE CONTRACTOR DAMAGING OR RAISING ANY AND ALL UNDERGROUND UTILITIES, PROVIDED THAT THE NATURE, LOCATION, AND ELEVATION OF THE UNDERGROUND UTILITIES IS DETERMINED BY THE OWNER AND THE INFORMATION IS A PART OF THE PLAN BY WHICH THE CONTRACTOR OPERATES. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF W.S. 37-12-301 THROUGH W.S. 37-12-302 AND W.S. 37-12-304 THROUGH W.S. 37-12-305.

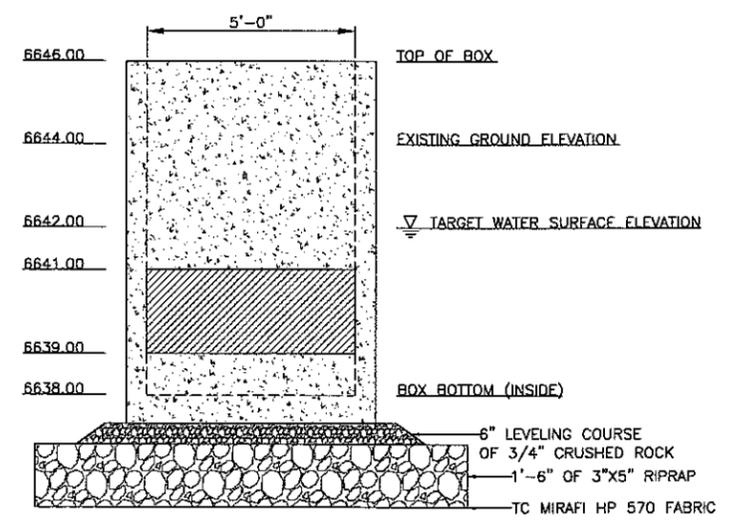
**PMPC** CIVIL ENGINEERS  
118 E. BRIDGE AVE. P.O. BOX 370  
SARATOGA, WYOMING 82331  
307-326-8301



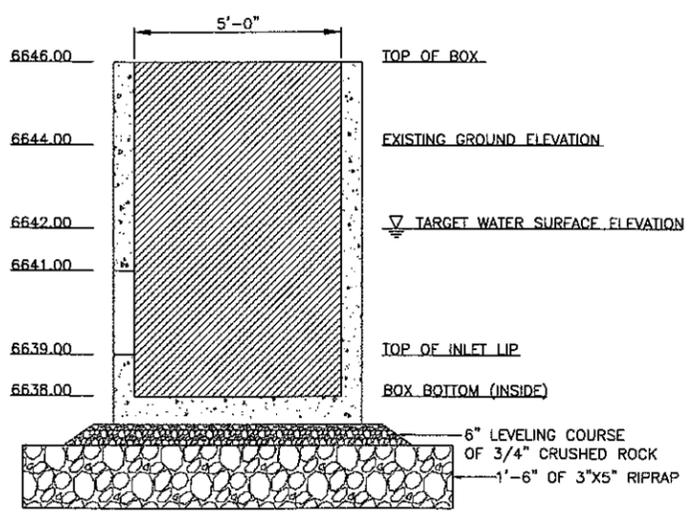
CENTER OF INLET BOX COORDINATES  
 N 797169.31 E 1354588.93



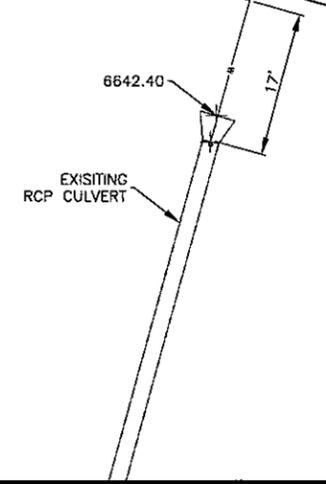
INLET CHANNEL



SECTION A-A



SECTION B-B

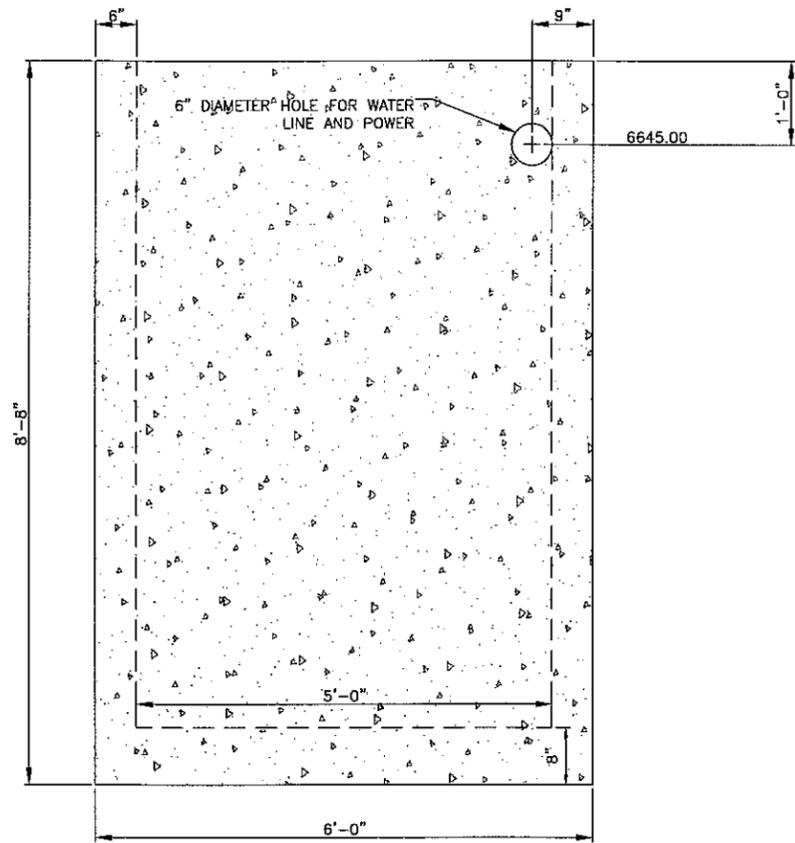


REV	DATE	BY	DESCRIPTION

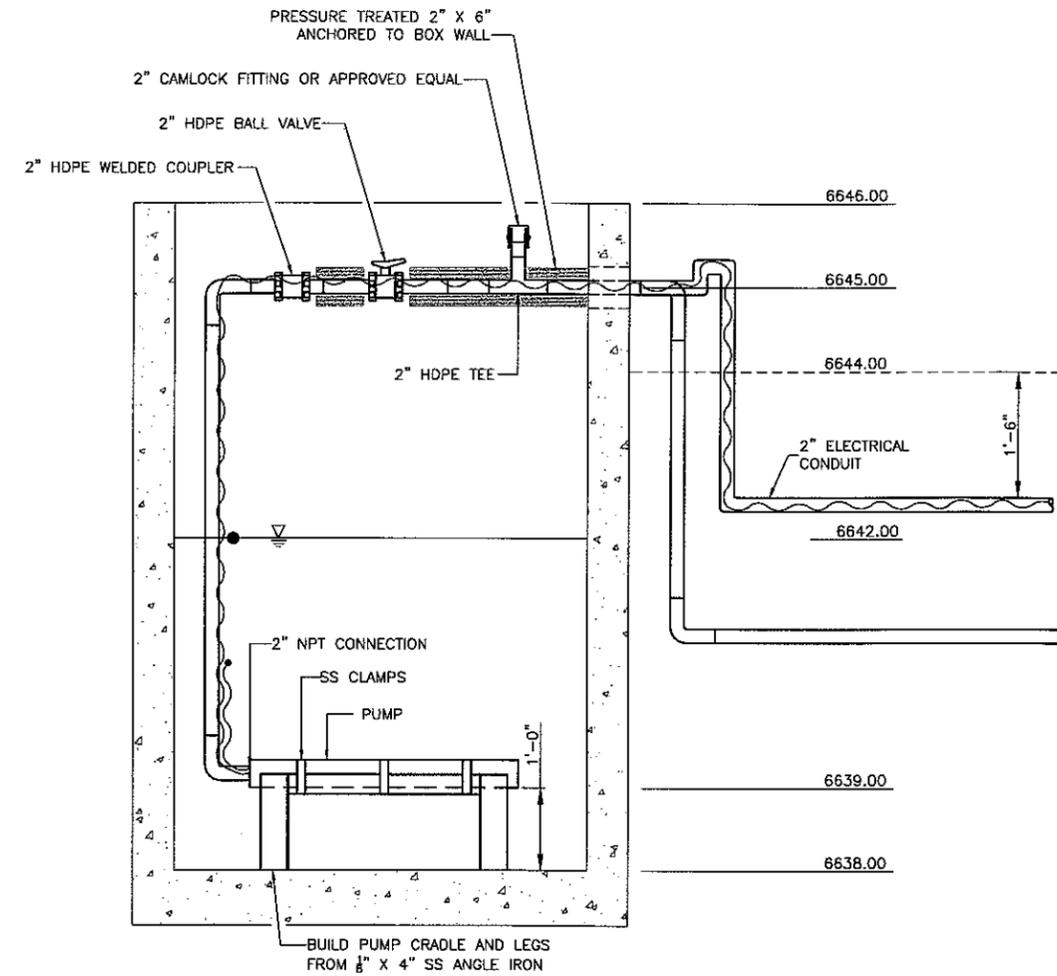
JOB NO. 7043.194	DRAWN BY: KH	DATE: 8-28-09
FILE NAME SOLAR PUMP PLAN.DWG	CHECKED BY: KH	DATE: 8-28-09
SCALE 1" = 10'	APPROVED BY: GS	DATE: 8-28-09

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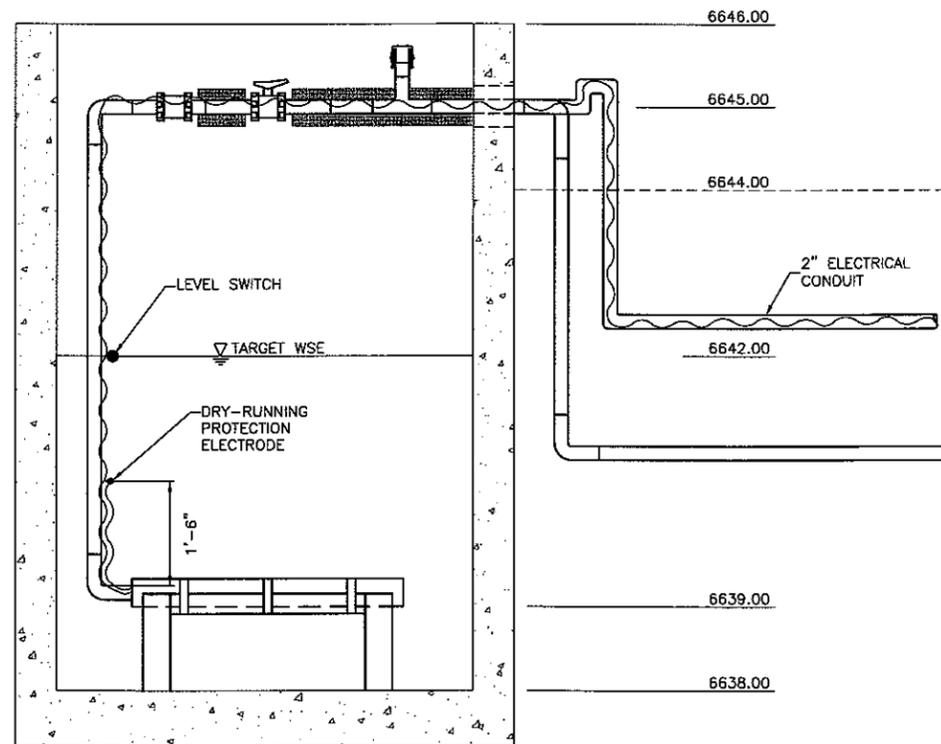
**PMPC**  
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 SARATOGA, WYOMING 82331  
 307-326-8301



SOUTHEAST SIDE OF BOX



PUMP DETAIL



PUMP DETAIL

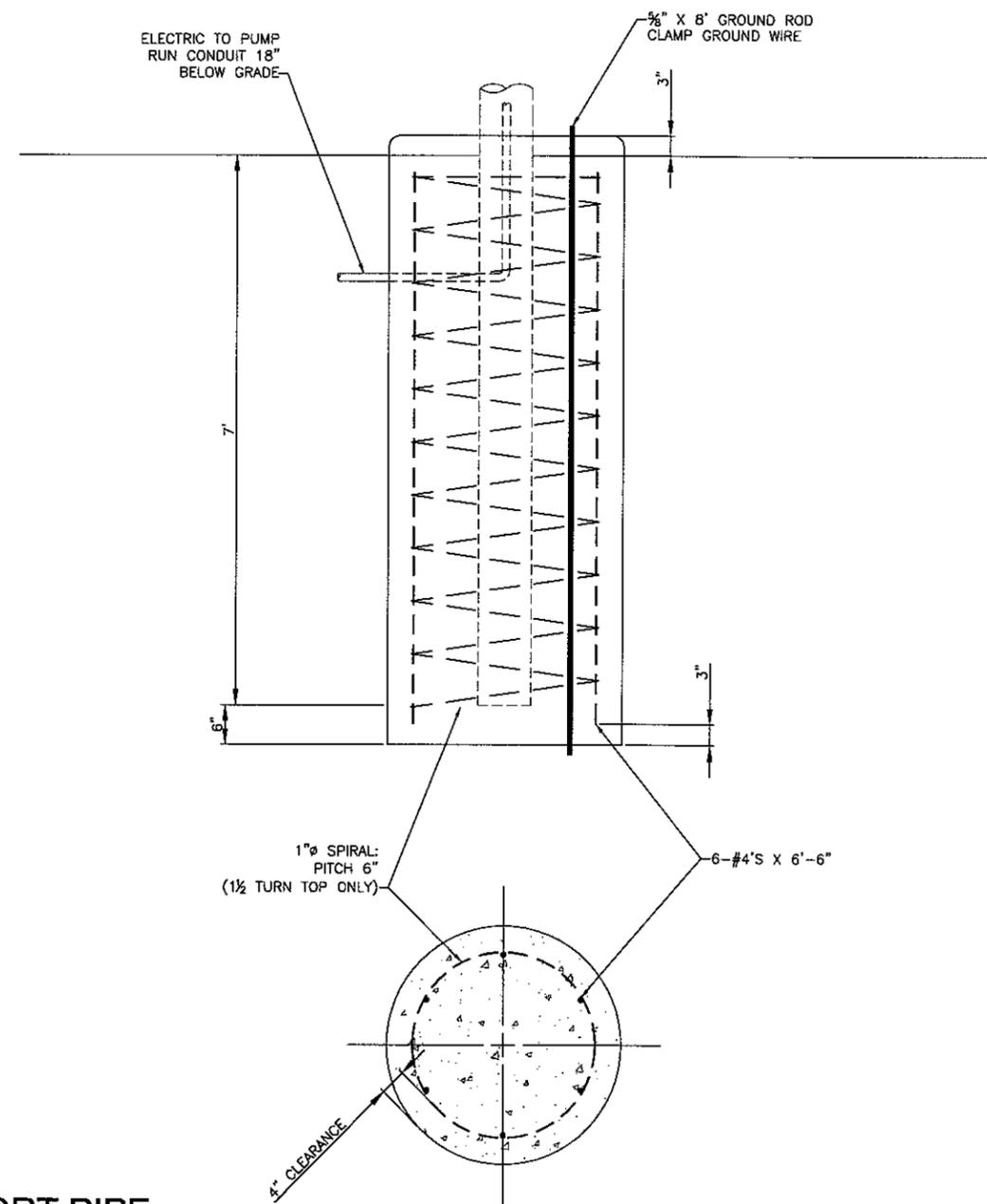
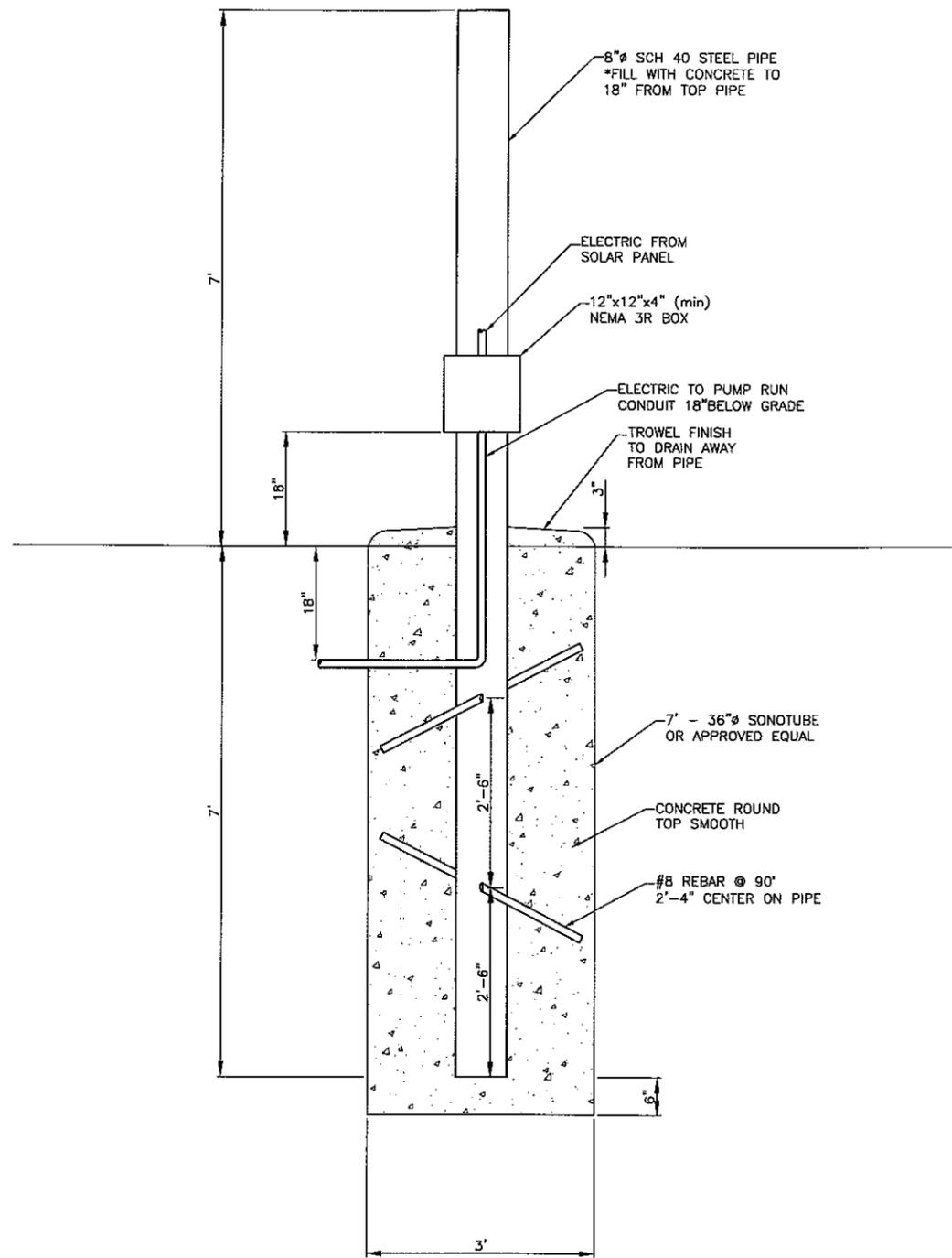
REV	DATE	BY	DESCRIPTION

JOB NO. 7043.104	DRAWN BY: KH	DATE: 8-28-09
FILE NAME SOLAR PUMP PLANDWG	CHECKED BY: KH	DATE: 8-28-09
SCALE: N.T.S.	APPROVED BY: GS	DATE: 8-28-09

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**PMPC** CIVIL ENGINEERS  
 118 E. BRIDGE AVE. P.O. BOX 370  
 SARATOGA, WYOMING 82331  
 307-326-8301

SOLAR PUMP DETAILS  
 ROCHELLE RANCH GOLF COURSE HOLE 9, 10, 14, 18 FARWAY IMPROVEMENTS AND SOLAR PUMP STATION  
 CITY OF RAWLINS



**SOLAR PANEL SUPPORT PIPE**

REV	DATE	BY	DESCRIPTION

JOB NO. 7043.194	DRAWN BY: CK	DATE: 8-28-09
FILE NAME SOLAR PUMP PLAN.DWG	CHECKED BY: KH	DATE: 8-28-09
SCALE: N.T.S.	APPROVED BY: GS	DATE: 8-28-09

CAUTION - THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ALL DAMAGE OR INJURY TO PERSONS OR PROPERTY CAUSED FROM THE CONTRACTOR DAMAGING OR INJURING ANY AND ALL UNDERGROUND UTILITIES. PROVIDED THAT THE NATURE, LOCATION, AND ELEVATION OF THE UNDERGROUND UTILITIES IS DETERMINED BY THE OWNER AND THE INFORMATION IS A PART OF THE PLAN BY WHICH THE CONTRACTOR OPERATES. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF W.S. 37-12-301 THROUGH W.S. 37-12-302 AND W.S. 37-12-304 THROUGH W.S. 37-12-305.

**PMPC**  
CIVIL ENGINEERS  
118 E. BRIDGE AVE. P.O. BOX 370  
SARATOGA, WYOMING 82331  
307-326-8301

**SOLAR PUMP DETAILS**  
ROCHELLE RANCH GOLF COURSE HOLE 9, 10, 14, 18 FAIRWAY IMPROVEMENTS AND SOLAR PUMP STATION  
CITY OF RAWLINS

DRAWN: CK (11/20/09) CHECKED: KH (11/20/09) APPROVED: GS (11/20/09) DATE: 11-20-09  
 FILE: SOLAR\_PUMP\_PLAN.DWG  
 PLOT: SOLAR\_PUMP\_PLAN.DWG  
 PLOT DATE: 11/20/09 10:00 AM  
 PLOT BY: CK