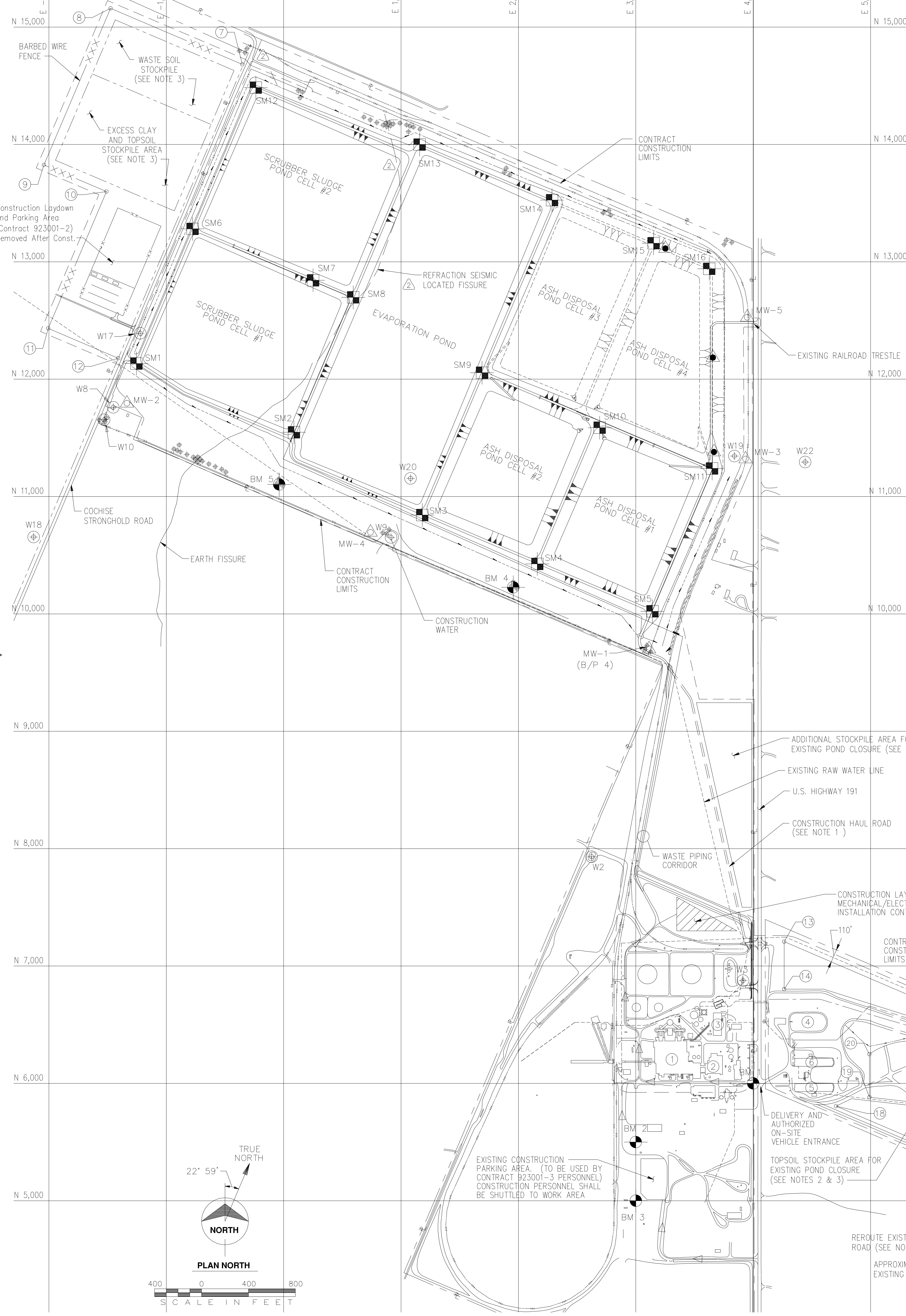


E-512200-06-3814-Y013-D



DESCRIPTION	COORDINATES	ELEVATION	CASE DIA. (IN.)	DEPTH (FT.)
W2	N 7,930.672 - E 2,624.656	4202.63	16	1087
W3	N 6,875.951 - E 3,913.410	4180.14	18	1355
W8	N 11,760.102 - E -1,451.632	4233.65	20	395
W9	N 10,652.841 - E 914.714	4211.43	16	550
W10	N 11,654.860 - E -1,529.055	4235.10	-	-
W17	N 12,391.119 - E -1,221.884	4230.30	16	500
W18	N 10,654.856 - E -2,130.246	4233.54	16	777
W19	N 11,345.276 - E 3,840.350	4186.61	12	500
W20	N 11,154.225 - E 1,081.046	4207.51	16	480
W22	N 11,293.781 - E 4,443.176	4182.79	-	-

DESCRIPTION	COORDINATES	ELEVATION	COMMENTS
SM1	N 12,133.431 - E -1,254.725	4226.88	
SM2	N 11,547.720 - E 87.698	4226.40	TOP OF WASTE PIPE CROSSING STRUCTURE #2
SM3	N 10,842.823 - E 1,180.830	4216.40	
SM4	N 10,426.104 - E 2,160.985	4215.56	
SM5	N 10,022.540 - E 3,141.543	4216.14	
SM6	N 13,280.660 - E -776.074	4226.62	
SM7	N 12,842.550 - E 250.359	4227.48	TOP OF WASTE PIPE CROSSING STRUCTURE #7
SM8	N 12,697.191 - E 592.136	4226.35	
SM9	N 12,055.224 - E 1,690.146	4216.73	
SM10	N 11,586.918 - E 2,692.156	4216.58	
SM11	N 11,239.496 - E 3,650.067	4216.20	TOP OF WASTE PIPE CROSSING STRUCTURE #1
SM12	N 14,484.099 - E 237.388	4226.56	ALTERNATE 2 - BID DELETE
SM13	N 13,999.273 - E 1,157.864	4221.86	
SM14	N 13,525.601 - E 2,286.194	4215.91	
SM15	N 13,158.501 - E 3,151.401	4215.90	ALTERNATE 1 - BID ADD
SM16	N 12,940.653 - E 3,625.647	4216.13	ALTERNATE 1 - BID ADD

DESCRIPTION	COORDINATES	ELEVATION
MW-1	N 9,661.214 - E 3,162.485	4196.12
MW-2	N 11,795 - E -1,335	4228
MW-3	N 11,320 - E 3,935	4193 ±
MW-4	N 10,671.2 - E 774.8	4211.0
MW-5	N 12,528 - E 3,949	4192 ±

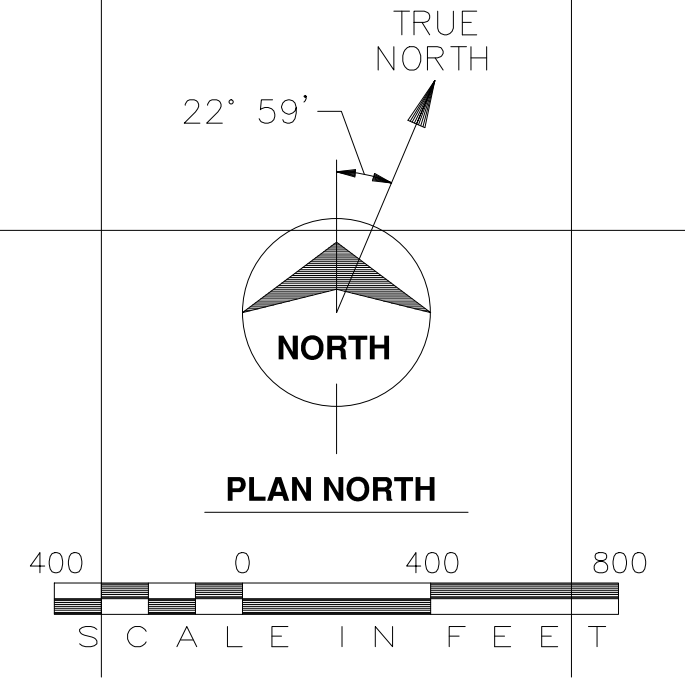
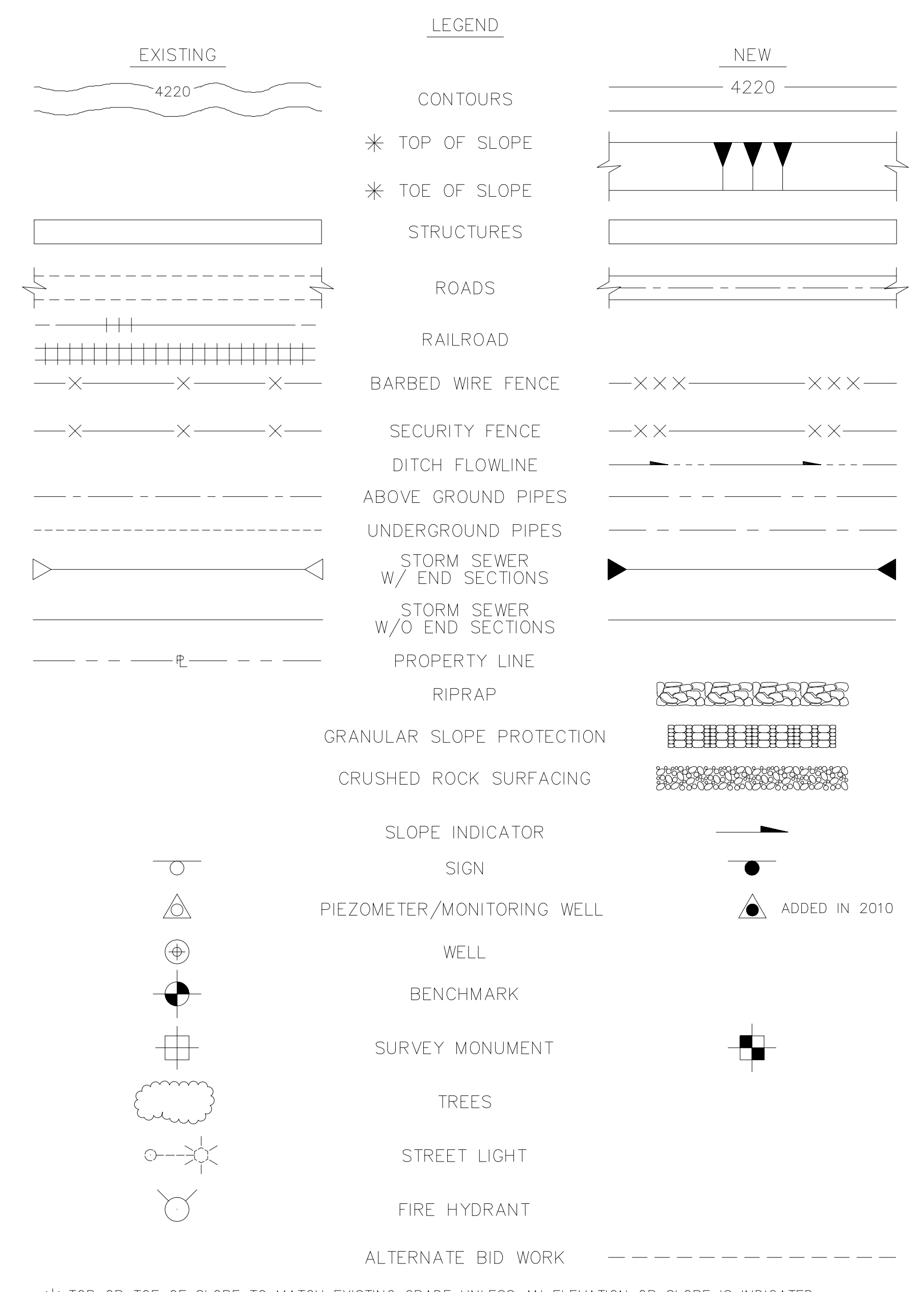
DESCRIPTION	COORDINATES	ELEVATION
BM 1	N 6,000.000 - E 4,000.000	4186.93
BM 2	N 5,500.098 - E 2,999.937	4193.71
BM 3	N 5,000.206 - E 3,000.163	4193.48
BM 4	N 10,226.991 - E 1,955.774	4202.26
BM 5	N 11,103.205 - E -38.322	4217.22

DESCRIPTION	COORDINATES	ELEVATION
2010-1	N 11258 - E 3650	4215.90
2010-2	N 12150 - E 3650	4215.90
2010-3	N 13150 - E 3170	4215.90

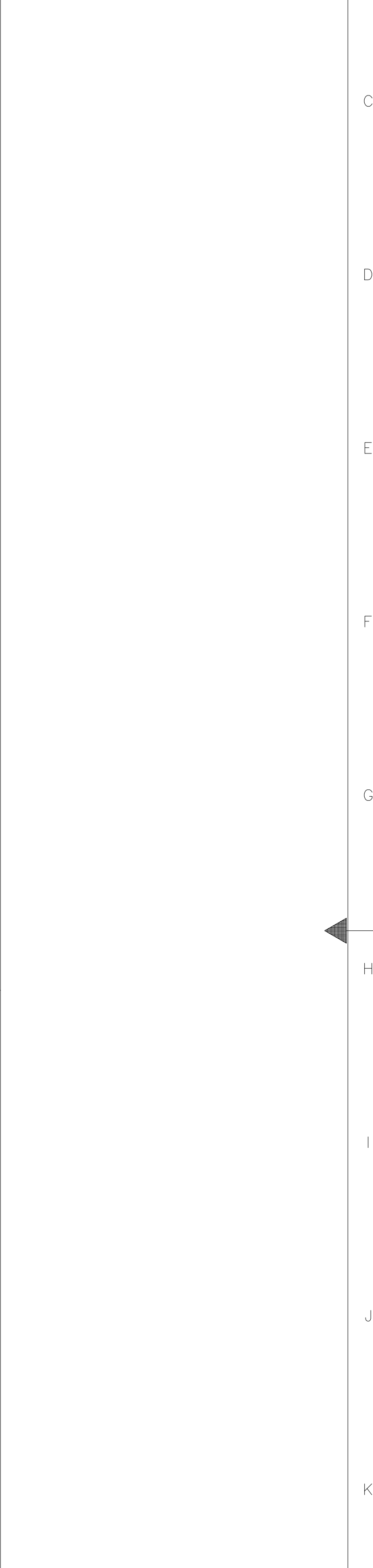
- KEY NOTES**
- ① EXISTING UNITS #2 & #3
  - ② EXISTING UNIT #1 COOLING TOWER
  - ③ EXISTING UNIT #1 COOLING TOWER
  - ④ EXISTING COOLING TOWER BLOWDOWN POND
  - ⑤ EXISTING UNIT #2 COOLING TOWER
  - ⑥ EXISTING UNIT #3 COOLING TOWER
  - ⑦ TIE INTO EXISTING BARBED WIRE FENCE N 14,681.78 E -351.77
  - ⑧ FENCE CORNER N 15,160 E -1,475
  - ⑨ FENCE CORNER N 13,825 E -2,042
  - ⑩ FENCE CORNER N 13,600 E -1,510
  - ⑪ FENCE CORNER N 12,433 E -2,006
  - ⑫ TIE INTO EXISTING BARBED WIRE FENCE N 12,178.66 E -1,409.88
  - ⑬ N 7,207.9 E 4,264.1
  - ⑭ N 6,803.2 E 4,264.1
  - ⑮ N 6,130.7 E 6,775.4
  - ⑯ N 5,810.2 E 7,278.7
  - ⑰ N 5,340.6 E 5,795.6
  - ⑱ N 5,805.8 E 4,706.5
  - ⑲ N 5,882.4 E 4,990.0
  - ⑳ N 6,248.9 E 4,990.0
  - ㉑ EXISTING PIPING CORRIDOR (SEE NOTE 10)
  - ㉒ EXISTING CTBD DITCH (SEE NOTE 10)

- GENERAL NOTES:**
- CONSTRUCTION HAUL ROAD SHALL BE ALIGNED PARALLEL TO THE EXISTING RAW WATER LINE WITHOUT PASSING OVER IT AT ANY LOCATION (EXCEPT AS INDICATED). MAINTAIN A MINIMUM SPACING OF 25' BETWEEN  $\phi$  OF HAUL ROAD AND THE RAW WATER LINE.
  - ADDITIONAL STOCKPILE AREA FOR EXISTING POND CLOSURE, IF REQUIRED, SHALL BE COORDINATED BETWEEN THE CONTRACTOR AND THE OWNER. STOCKPILE AREAS EAST OF HWY 191 MUST BE AT FULL CAPACITY BEFORE AREAS WEST OF HWY 191 MAY BE UTILIZED.
  - THE CONTRACTOR SHALL LIMIT THE STOCKPILE HEIGHT TO A MAXIMUM OF 10'. STOCKPILE SIDE SLOPES SHALL NOT BE STEEPER 3 HORIZONTAL 1 VERTICAL.
  - SEE SURVEY MONUMENT DETAIL DWG. Y15. SURVEY FINAL COORDINATES AND ELEVATIONS OF MONUMENTS, WHICH WILL BE INDICATED ON THE SURVEY MONUMENT DISC TO THE NEAREST 0.001 FOOT.
  - UNLESS OTHERWISE INDICATED ELEVATIONS AND CONTOURS REPRESENT TOP OF SUBGRADE FOR ALL AREAS EXCEPT THOSE TO RECEIVE TOPSOIL WHERE THEY REPRESENT FINISHED GRADE.
  - THE CONTRACTOR SHALL COORDINATE THE CONSTRUCTION OF PIPING, PUMPS, ELECTRICAL CONDUITS AND EQUIPMENT IN CONTRACT 923001-3 TO PREVENT THE NEED FOR ANY REWORK.
  - CONTRACTOR SHALL PROTECT 12" CTBD PIPE WHILE CROSSING WITH CONSTRUCTION EQUIPMENT AND SHALL ENSURE THAT STOCKPILES DO NOT COVER PIPE.
  - EXISTING SURVEY MONUMENTS SHALL NOT BE DISTURBED DURING CONSTRUCTION. IF DAMAGED THE CONTRACTOR SHALL REPLACE THE SURVEY MONUMENT (AS INDICATED ON Y15) AT NO COST TO THE OWNER.
  - 20' WIDE ROAD SHALL BE REROUTED AS INDICATED. CONSTRUCT ROAD ON PREPARED SUBGRADE AND PROVIDE 6" CRUSHED ROCK SURFACING.
  - CONTRACTOR SHALL PROTECT EXISTING POWER LINES, PIPE CORRIDOR AND CTBD DITCH AND KEEP THEM IN SERVICE. CONTRACTOR SHALL PROVIDE TEMPORARY CROSSINGS OVER PIPE CORRIDOR AND CTBD DITCH AS REQUIRED TO ACCESS SELECT FILL STOCKPILE AREAS.
  - THREE PIEZOMETERS ADDED IN 2010 PER EPA REQUEST. LOCATIONS ARE APPROXIMATE AND HAVE NOT BEEN SURVEYED.

- \* STOCKPILE COORDINATES WERE STAKED PER PLAN EAST OF U.S. HIGHWAY 191



no.	date	by	revision
0	3-10-94	TLL	ISSUED TO OWNER FOR BID
1	9-13-94	DLM	CLARIFIED COORDINATE LOCATION
2	9-20-94	TLL	ISSUED AS BID
3	11-15-94	DLM	ADDED REFRACTION SEISMIC LOCATED FISSURE AND REVISED SURVEY MONUMENTS
4	11-18-94	TLL	ISSUED PER C.O. #1
5	4-8-96	DLM	CONFORMING TO CONSTRUCTION RECORDS
6	1/18/12	JLC	REVISED DCN 11/01, C.REECE



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