

BENCH 1 TABLE

CONTROL POINT	STATION POINT (FT)	DESIGN ELEVATION (FT)	EXISTING ELEVATION (FT)
1000	2148.41	795.81	
1001	2016.18	778.9	
1002	1538.27	781.14	
1003	1630.18	778.27	
1004	1712.45	763.7	
1005	1647.88	778.30	
1006	1521.12	781.14	
1007	1443.24	777.03	
1008	1322.43	785.22	
1009	1212.57	777.74	
1010	1113.15	775.72	
1011	1025.00	777.37	
1012	842.57	778.28	
1013	842.82	775.45	
1014	741.09	778.75	
1015	578.12	775.42	
1016	378.34	777.87	
1017	399.66	775.51	
1018	342.20	777.27	
1019	247.37	774.81	
1020	292.24	778.00	
1021	274.28	781.36	
1022	242.83	779.5	
1023	278.74	777.27	

BENCH 2 TABLE

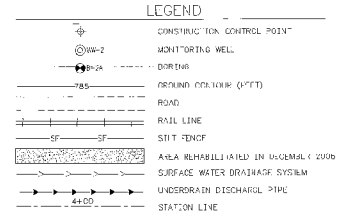
CONTROL POINT	STATION POINT (FT)	DESIGN ELEVATION (FT)	EXISTING ELEVATION (FT)
1021	1713.17	787.16	
1022	1487.81	786.58	
1023	2456.64	782.01	
1024	3482.64	786.76	
1025	4482.77	785.51	
1026	5482.08	786.59	
1027	6482.91	785.82	
1028	8482.00	786.28	
1029	9482.41	788.65	
1030	10482.11	785.45	
1031	11482.52	788.32	
1032	12482.01	784.85	
1033	13482.07	787.4	
1034	14482.03	785.82	
1035	15482.44	784.01	
1036	16482.52	787.16	
1037	17482.75	784.55	
1038	18482.80	781.65	
1039	19482.43	783.14	
1040	20482.71	783.71	
1041	21482.56	783.42	
1042	22482.33	786.13	

BENCH 3 TABLE

CONTROL POINT	STATION POINT (FT)	DESIGN ELEVATION (FT)	EXISTING ELEVATION (FT)
1042	23482.57	797.08	
1043	24482.63	785.04	
1044	19482.78	788.22	
1045	18482.36	782.29	
1046	17482.51	785.42	
1047	16482.24	786.26	
1048	15482.38	793.06	
1049	14482.59	785.00	
1050	13482.76	789.12	
1051	12482.14	786.25	
1052	11482.07	792.44	
1053	10482.34	787.17	
1054	9482.57	789.04	
1055	8482.80	786.24	
1056	7482.20	789.32	
1057	6482.53	780.81	
1058	5482.32	787.00	
1059	4482.45	788.85	
1060	3482.00	785.00	
1061	2482.69	785.87	
1062	1482.43	787.45	
1063	2482.69	786.88	

BENCH 4 TABLE

CONTROL POINT	STATION POINT (FT)	DESIGN ELEVATION (FT)	EXISTING ELEVATION (FT)
1063	25482.43	813.51	
1064	19482.07	812.41	
1065	18482.51	814.05	
1066	19482.00	812.47	
1067	17482.41	814.84	
1068	16482.00	812.34	
1069	15482.03	814.22	
1070	14482.89	811.72	
1071	12482.01	814.25	
1072	12482.00	812.34	
1073	11482.34	814.58	
1074	9482.90	812.34	
1075	8482.40	814.21	
1076	7482.20	812.34	
1077	6482.23	813.92	
1078	5482.00	811.56	
1079	4482.50	813.80	
1080	3482.24	811.48	
1081	2482.00	813.07	
1082	1482.89	811.72	
1083	1182.52	814.00	
1084	1082.09	813.12	
1085	982.51	813.51	



- NOTES:**
- ALL ELEVATIONS ARE BASED ON THE SURVEY PERFORMED BY GOSWAMIC INC IN MAY 2007 AND ARE RELATIVE TO THE SURVEY MARKER CH-10 A CORNER OF LESS THAN 2 INCHES WAS OBTAINED DURING THE SURVEY OF ELEVATIONS. BENCH ELEVATIONS WERE MEASURED AT THE OUTBOARD (WEST) AND INBOARD (EAST) OF ALL LINES AT AN INTERVAL OF 50 FEET. THE FORWARD SIGHT READING RELATIVE TO THE TOP MARK IS THE RESULT OF FORGING THE FIELD SURVEYED CONTROL POINTS TO A TON WITH AN OUTDATED MAP.
 - LOW POINTS OF ELEVATIONS ALONG THE DRAINAGE DITCH CENTERLINE (E.G., THE STATION LINE MEASUREMENT, HIGH POINT ELEVATIONS ESTIMATED FROM THE 50% GRAD AND BETWEEN THE INDICATED AND OUTBOARD OF TWO CORNERS).
 - PLACEMENT OF EXISTING UNDERDRAIN ESTIMATED FROM TOPOGRAPHIC MAP.
 - EXISTING UNDERDRAIN OUTLET PIPES SHALL BE EXTENDED TO DISCHARGE DIRECTLY TO IMPROVED SURFACE WATER DRAINAGE CHANNELS.
 - EXISTING SURFACE WATER DRAINAGE CHANNELS TO BE REGRADDED AND LINED. NEW DRAIN DITCHES AND DOWNSPUTS SHALL BE CONSTRUCTED.
 - ACTUAL CONDITIONS MAY VARY FROM PROPOSED. TRIPLETS AND DOWNSPUTS SHALL BE CONSTRUCTED.

JUN 06 2008

PROPOSED BENCH AND DRAINAGE DITCH REGRAD AND UNDERDRAIN EXTENSIONS

COAL-COMBUSTION BY-PRODUCT (ASH) DISPOSAL FACILITY

DESIGNED BY: J.W. LAW
 CHECKED BY: J.J. ASHME
 DRAWN BY: C. GONJEN
 DATE: 06/05/08

KTNOSTON FOSSIL PLANT
 TENNESSEE VALLEY AUTHORITY
 FOSIL AND HYDRO ENGINEERING

AUTOCAD 2000 SEP 07 5B C | 10W400-3