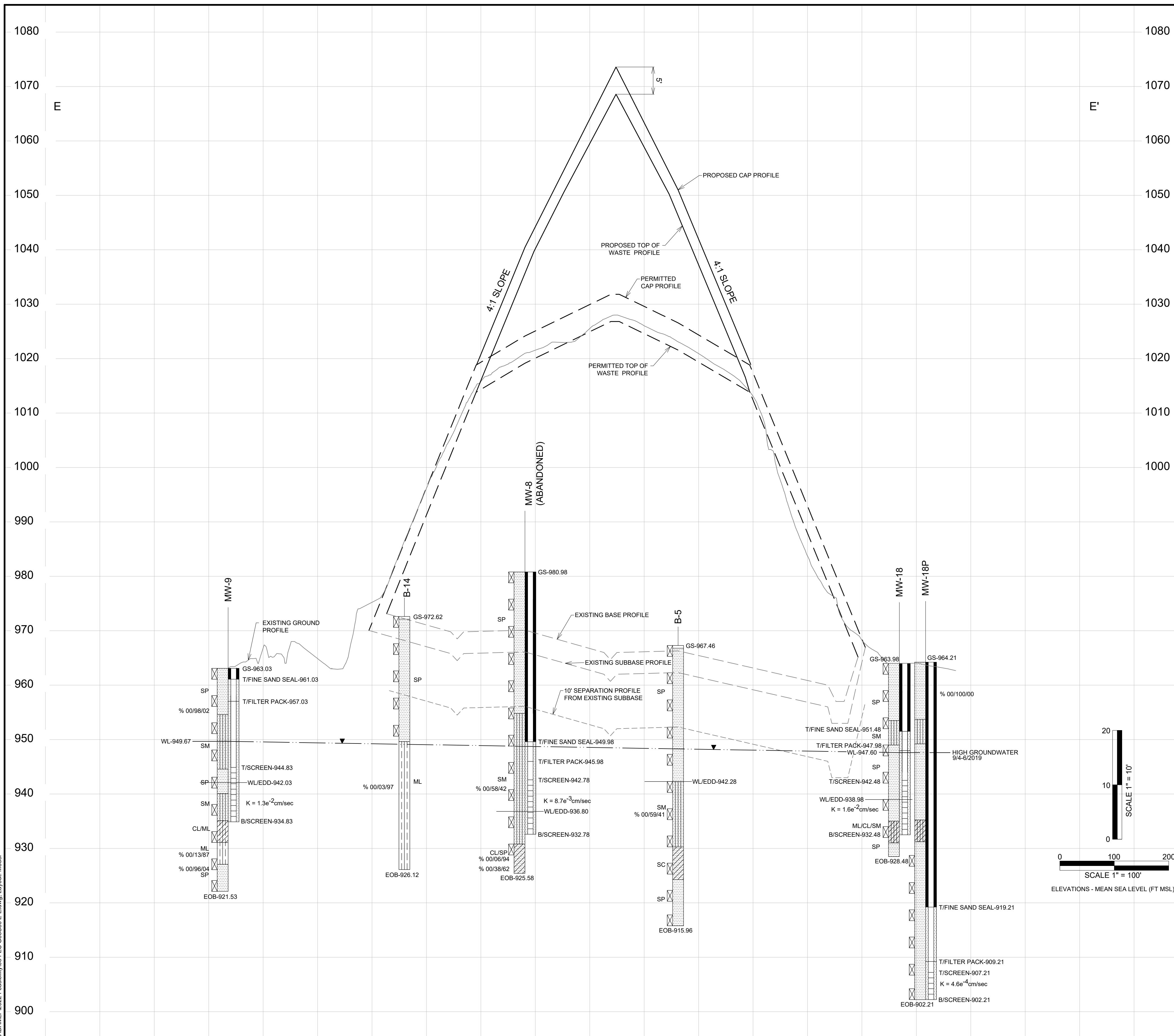




CLASSIFICATIONS:

SYMBOL	HATCHING	*DESCRIPTION	NAME	COLOR	MUNSELL COLOR RANGE
SP		FINE TO MEDIUM SAND	POORLY GRADED SANDS OR GRAVELLY SANDS LITTLE OR NO FINES (<5% FINES)	PALE BROWN-LIGHT YELLOWISH BROWN	10YR 6/3-10YR 6/4
SM		SANDY SILT TO SILTY SAND	SILTY SANDS FINE TO MEDIUM (>1/2% FINES)	REDISH YELLOW-DARK BROWN VERY PALE BROWN-LIGHT YELLOWISH BROWN	7.5YR 6/8-7.5YR 3/4 10YR 7/3-10YR 6/4
SP-SM		SAND W/ SILT	POORLY GRADED SILTY SANDS	STRONG BROWN	7.5YR 5/6
SP-CL		SAND W/ CLAY	POORLY GRADED CLAYEY SANDS	BROWN	--
SM-CL		SANDY SILT W/ CLAY	SILTY, CLAYEY SANDS	BROWN	--
SM-ML-CL		SILTY SAND W/ CLAY AND SILTY LENSES	SILTY SANDS INTERBEDDED WITH CLAY AND SILT	BROWN-RED	--
SC		SILTY CLAYEY SAND	CLAYEY SANDS, SAND-CLAY MIXTURES	--	--
SP-SC		SAND W/ CLAY	POORLY GRADED CLAYEY SANDS	REDDISH YELLOW-BROWN	7.5YR 6/6-7.5YR 5/4
ML		SILT	INORGANIC SILTS AND VERY FINE SANDS WITH SLIGHT PLASTICITY	STRONG BROWN-BROWN LIGHT YELLOWISH BROWN-DARK YELLOWISH BROWN	7.5YR 5/6-7.5YR 4/4 10YR 6/4-10YR 4/4
CL-ML		SILT W/ CLAY	SILTY INORGANIC CLAYS LOW PLASTICITY	BROWN, RED BROWN, GREY	7.5YR 5/4
ML		CLAYEY SILT	INORGANIC SILTS, CLAYEY SILTS OF LOW TO MEDIUM PLASTICITY	YELLOWISH BROWN-BROWN	10YR 5/4-10YR 5/3
CL		CLAY W/ SILT	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY SANDY CLAYS, SILTY CLAYS, LEAN CLAYS	YELLOWISH RED-REDISH BROWN BROWN YELLOWISH BROWN-DARK YELLOWISH BROWN	5YR 4/6-5YR 4/4 7.5YR 4/4-7.5YR 5/3 10YR 5/4-10YR 4/6
OL		ORGANIC SANDS, SILTS, CLAYS	ORGANIC SILTS AND CLAYS OF HIGH PLASTICITY, SANDY ORGANIC SILTS AND CLAYS	BLACK	7.5YR 2/5

GEOLOGIC ORIGIN: LACUSTRINE

GRAIN SIZE DATA:

%G/S/F	PERCENT GRAVEL/SAND/FINES
LL/PL/PI	LIQUID LIMIT/PLASTIC LIMIT/PLASTIC INDEX

ABBREVIATIONS:

B/	BOTTOM
MW-30	MONITORING WELL
MW-30P	PIEZOMETER
E08	END OF BORING
G5	GROUND SURFACE ELEVATIONS FROM JUNE 2015 AND AUGUST 2016 SURVEY
K-	AQUIFER HYDRAULIC CONDUCTIVITY
B-106	SOIL BORING
T/	TOP
WL/E08	WATER LEVEL/ENCOUNTERED DURING DRILLING
WL-940-E08	WATER LEVELS BASED ON 9/4-6/2019 GROUNDWATER HIGH CONTOURS
	GROUNDWATER ELEVATION

ANNULAR SPACE SEAL
T/FINE SAND SEAL
T/FILTER PACK
T/SCREEN

TYPICAL WELL DETAIL

*See boring logs for detailed soil descriptions.

** Information presented in 2022 feasibility cross sections includes data reported in 1986 feasibility, 1987 and 1989 plans of operation, and 1995 plan modification. 2017 feasibility report.

– Information not provided