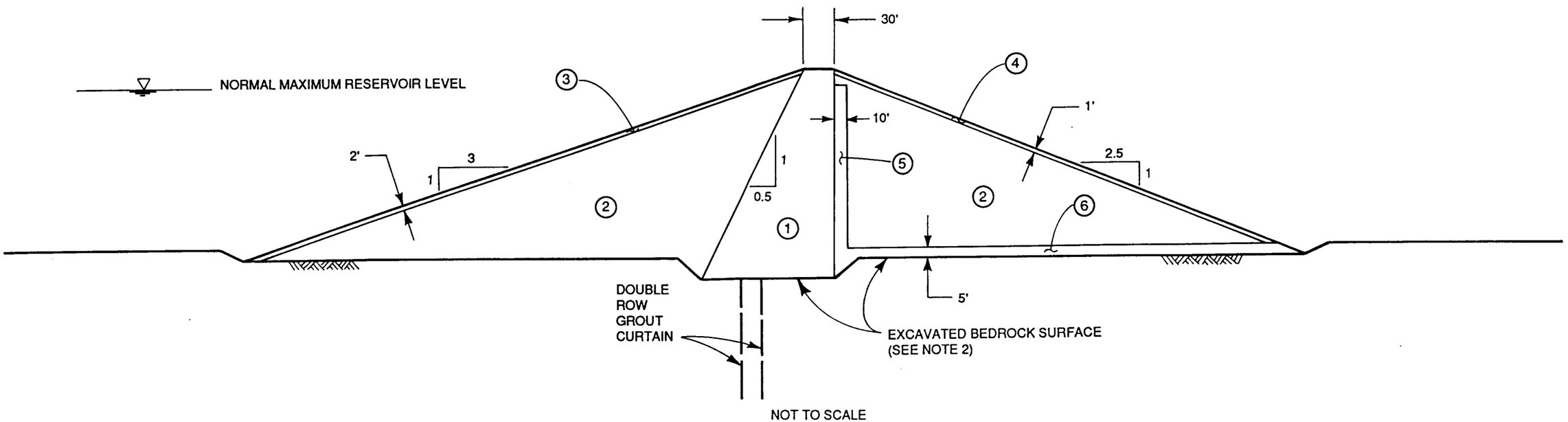
EMBANKMENT MATERIALS			
SYMBOL	ZONE	DESCRIPTION	SOURCE
(1)	ZONE 1	IMPERVIOUS - LOW TO MODERATELY PLASTIC SANDY CLAY ALLUVIUM PLUS LOW TO MODERATELY PLASTIC, REWORKED FRANCISCAN FORMATION (SHEARED SHALE).	ON-SITE
(2)	ZONE 2	RANDOM - SILTY SAND AND SILTY GRAVEL ALLUVIUM PLUS REWORKED WILSON GROVE FORMATION (SANDY SILTSTONE) AND FRANCISCAN COMPLEX (GRAYWACKE SANDSTONE, GREENSTONE AND MELANGE).	ON-SITE
(3)	ZONE 3	RIPRAP - SOUND, ANGULAR ROCK PLACED ON SAND-GRAVEL BEDDING LAYER.	IMPORT
(4)	ZONE 4	SLOPE PROTECTION - SAND-GRAVEL-COBBLE MIXTURE.	IMPORT
(5)	ZONE 5	CHIMNEY DRAIN - CLEAN SAND-GRAVEL MIXTURE WITH SAND FILTER ON UPSTREAM SIDE.	IMPORT
(6)	ZONE 6	BLANKET DRAIN - CLEAN SAND-GRAVEL MIXTURE TO OPEN GRAVEL WITH APPROPRIATE SAND FILTER PROTECTION.	IMPORT



NOT TO SCALE

NOTES:
1. THE EMBANKMENT CROSS SECTION SHOWN IS SCHEMATIC TO SHOW CONCEPTUAL INTERNAL ZONING DESIGN AND MAY NOT REFLECT THE TRUE RELATIVE DAM HEIGHT FOR THE MAXIMUM STORAGE AT THE ALTERNATIVE SITE.
2. ESTIMATED DAM FOUNDATION EXCAVATION DEPTHS ARE NOT SHOWN TO SCALE. REFER TO TABLE 4-1 AND SECTION 4 FOR ACTUAL ESTIMATES AND EXPLANATION.
3. THE IMPERVIOUS CORE ZONE CONFIGURATION SHOWN REFLECTS A MINIMUM DESIRED DESIGN WIDTH FOR THE ALTERNATIVE SITE, CONSIDERING AVAILABLE CONSTRUCTION MATERIALS PROPERTIES, AND GEOTECHNICAL AND SEISMIC SITE CONDITIONS.

RUST ENVIRONMENT & INFRASTRUCTURE
San Jose, California

CONCEPTUAL EMBANKMENT CROSS SECTION TWO ROCK RESERVOIR SITE

SANTA ROSA SUBREGIONAL LONG TERM WASTEWATER PROJECT

PROJECT NO.	88230
DATE	OCTOBER 1995
FIGURE NO.	6-20