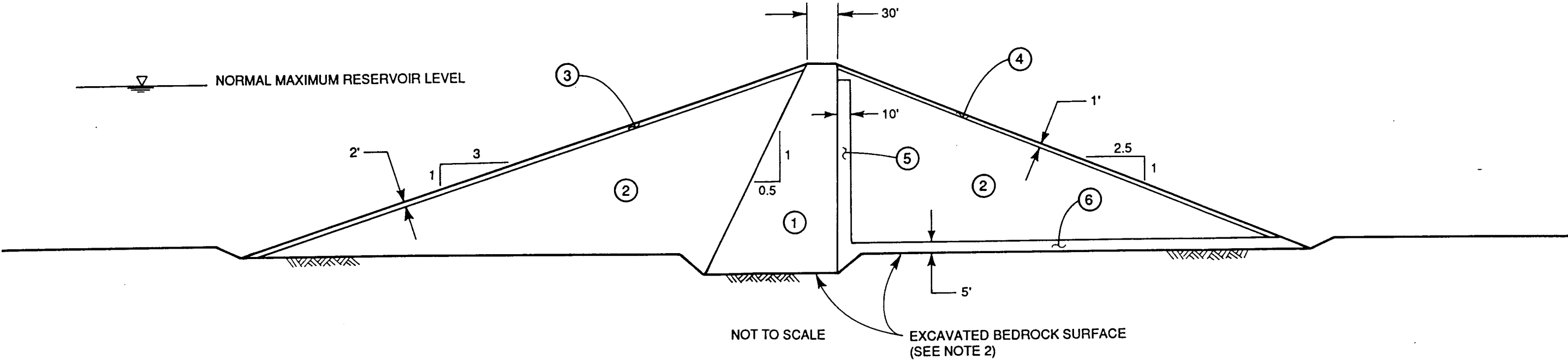


EMBANKMENT MATERIALS			
SYMBOL	ZONE	DESCRIPTION	SOURCE
①	ZONE 1	IMPERVIOUS - LOW TO MODERATELY PLASTIC SANDY CLAY TO CLAYEY SAND ALLUVIUM AND COLLUVIUM PLUS LOW TO MODERATELY PLASTIC, REWORKED FRANCISCAN COMPLEX (SHEARED SHALE).	ON-SITE
②	ZONE 2	RANDOM - REWORKED WILSON GROVE FORMATION (SILTSTONE AND SANDSTONE) PLUS REWORKED FRANCISCAN COMPLEX (MELANGE, GRAYWACKE SANDSTONE, AND GREENSTONE).	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



- 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. ESTIMATED AVAILABLE QUANTITIES OF IMPERVIOUS TYPE MATERIALS COULD RESULT IN A SOMEWHAT WIDER CORE ZONE UPON DETAILED DESIGN.

<b>RUST</b> ENVIRONMENT & INFRASTRUCTURE San Jose, California	<b>CONCEPTUAL EMBANKMENT CROSS SECTION</b> HUNTLEY RESERVOIR SITE  <b>SANTA ROSA SUBREGIONAL LONG TERM WASTEWATER PROJECT</b>	PROJECT NO. 88230
		DATE OCTOBER 1995
		FIGURE NO. 6-18