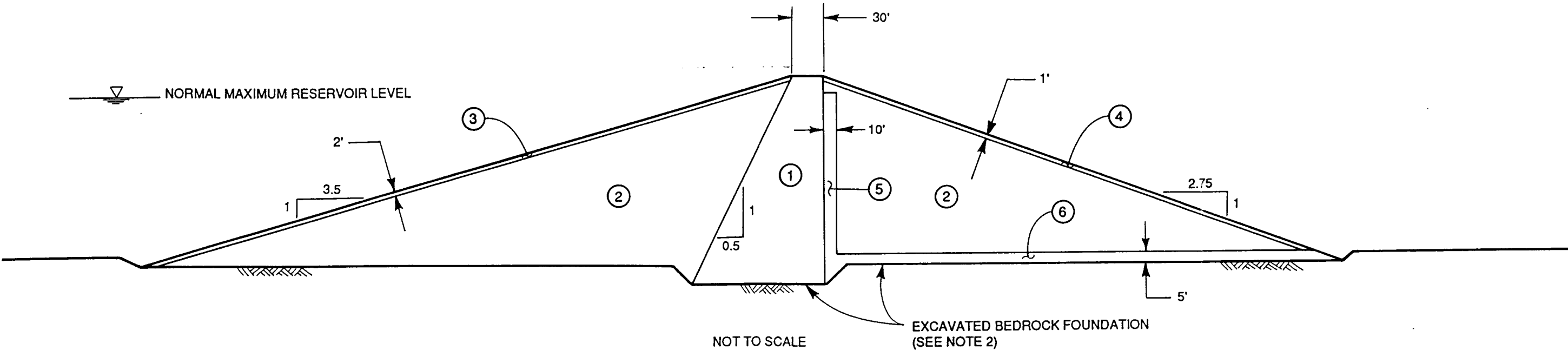


EMBANKMENT MATERIALS			
SYMBOL	ZONE	DESCRIPTION	SOURCE
①	ZONE 1	IMPERVIOUS - LOW TO MODERATELY PLASTIC SANDY CLAY ALLUVIUM AND COLLUVIUM.	ON-SITE
②	ZONE 2	RANDOM - REWORKED WILSON GROVE FORMATION (SANDY SILTSTONE, SILTY SANDSTONE AND SANDY CLAYSTONE) PLUS ALLUVIUM AND COLLUVIUM (SANDY CLAY, CLAYEY SAND AND SILTY SAND).	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.

RUST ENVIRONMENT & INFRASTRUCTURE San Jose, California	CONCEPTUAL EMBANKMENT CROSS SECTION CARROLL ROAD NORTH RESERVOIR SITE SANTA ROSA SUBREGIONAL LONG TERM WASTEWATER PROJECT	PROJECT NO. 88230
		DATE OCTOBER 1995
		FIGURE NO. 6-14