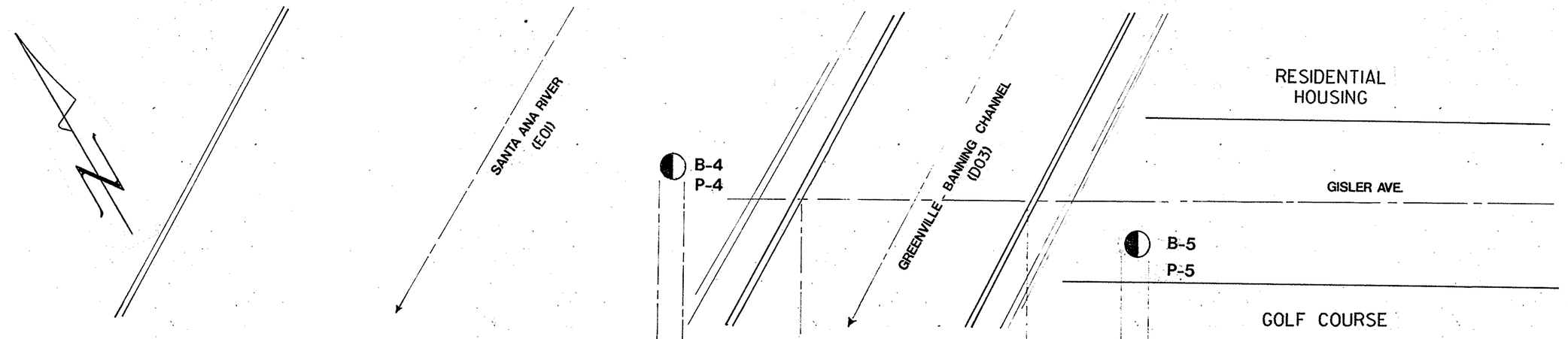
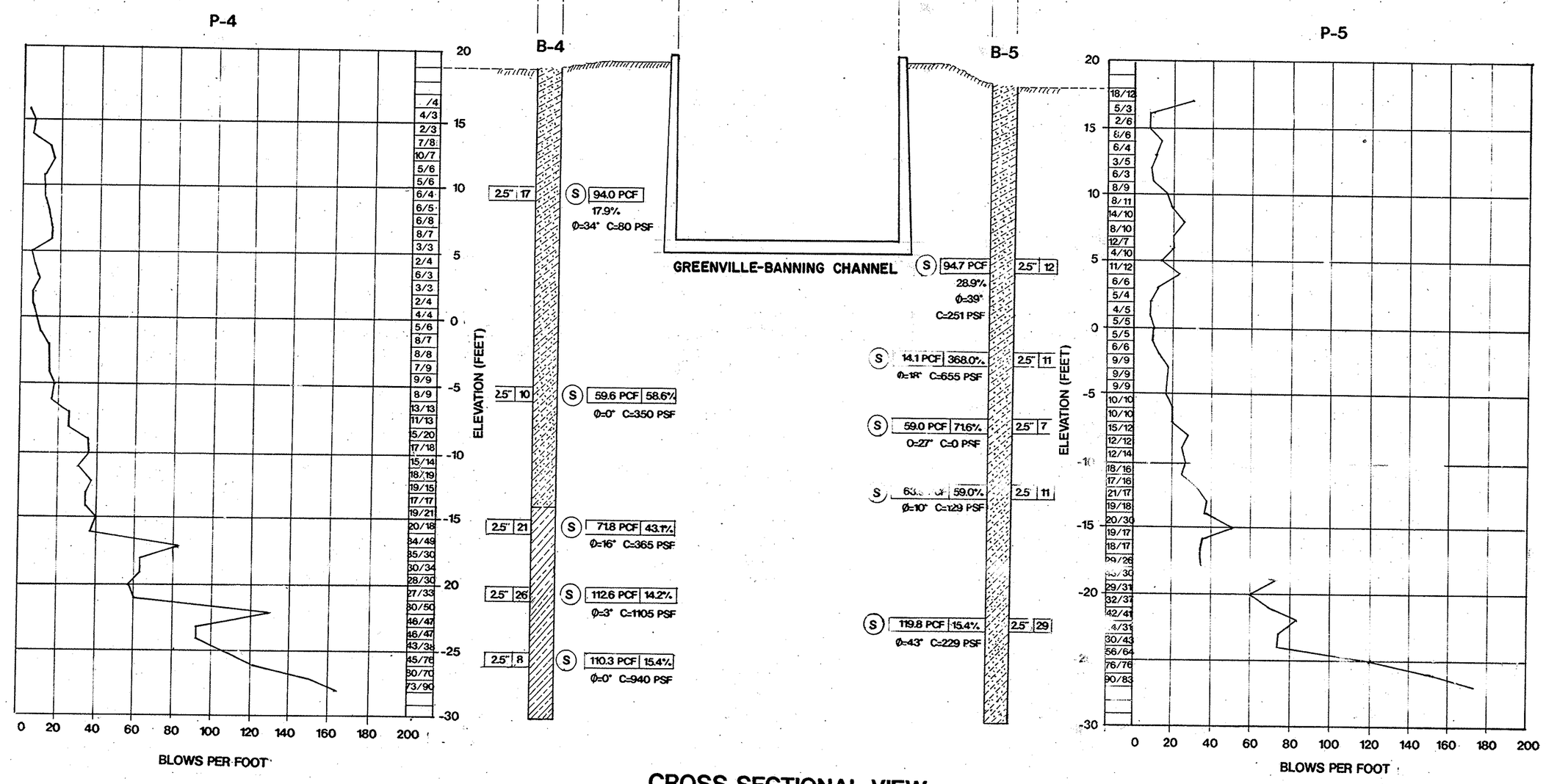


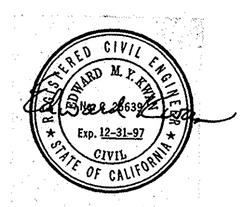
PLAN VIEW

NOT TO SCALE



CROSS SECTIONAL VIEW

NOT TO SCALE

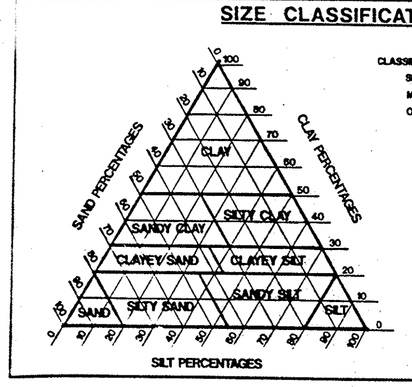


1 1/2 0 2 3

3 inches on original drawing

LEGEND OF EARTH MATERIALS

SIZE CLASSIFICATION



CLASSIFICATION OF EARTH MATERIAL SHOWN ON THIS SHEET IS BASED ON MECHANICAL ANALYSIS UNLESS OTHERWISE INDICATED

MATERIAL SYMBOLS

GRAVEL, SAND, SILT, CLAY, SANDY CLAY OR CLAYEY SAND, SANDY SILT OR SILTY SAND, SILTY CLAY OR CLAYEY SILT, PEAT OR ORGANIC MATTER, FILL MATERIAL, SHALE, SANDSTONE, LIMESTONE, METAMORPHIC ROCK, IGNEOUS ROCK

CONSISTENCY CLASSIFICATION

ACCORDING TO THE STANDARD PENETRATION TEST

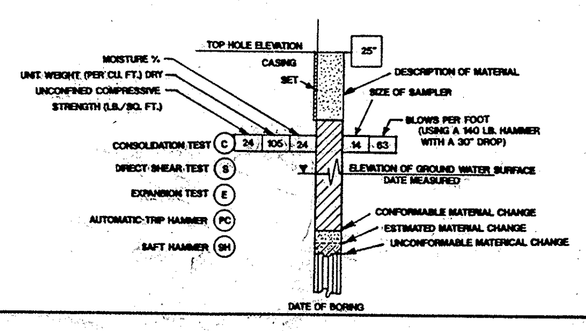
NO. OF BLOWS	GRANULAR	COHESIVE
0 - 5	VERY LOOSE	VERY SOFT
6 - 10	LOOSE	SOFT
11 - 20	SLIGHTLY COMPACT	STIFF
21 - 35	COMPACT	VERY STIFF
36 - 70	DENSE	HARD
70 +	VERY DENSE	VERY HARD

LEGEND OF BORING OPERATIONS

PLAN OF ANY BORING
STANDARD PENETROMETER
25" CONE PENETROMETER
ROTARY BORING
AUGER BORING
SAMPLE BORING
JET BORING
DIAMOND CORE BORING
TEST PIT

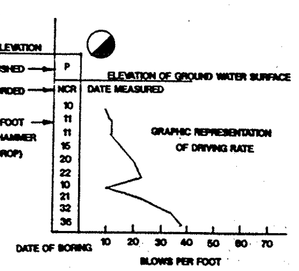
ROTARY BORING

LOCATION



PENETRATION TEST

LOCATION



ORANGE COUNTY
PUBLIC FACILITIES & RESOURCES DEPARTMENT

BRIDGE OVER GREENVILLE-BANNING CHANNEL @ WESTERLY END OF GISLER AVENUE

LOG OF SOIL BORINGS

MARK	DATE	DESCRIPTION

REVISIONS

DESIGNED E. KWAN
DRAWN ARPascual CHECKED

PREPARED UNDER SUPERVISION OF E.M.Y. KWAN

SCALE AS SHOWN | DATE 4/97 | DWG. NO. | SHEET 7 OF 7