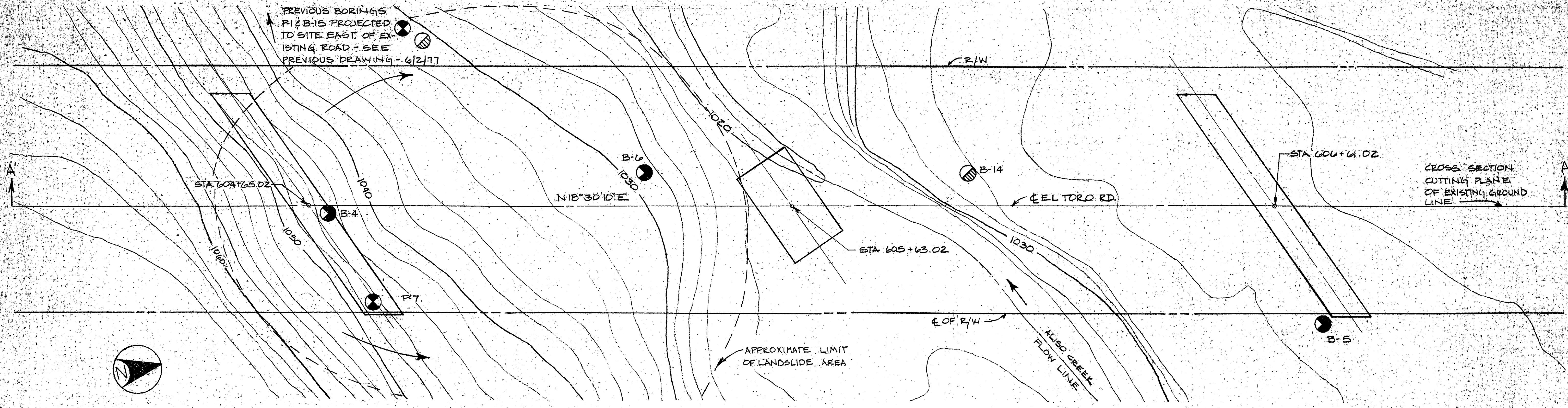
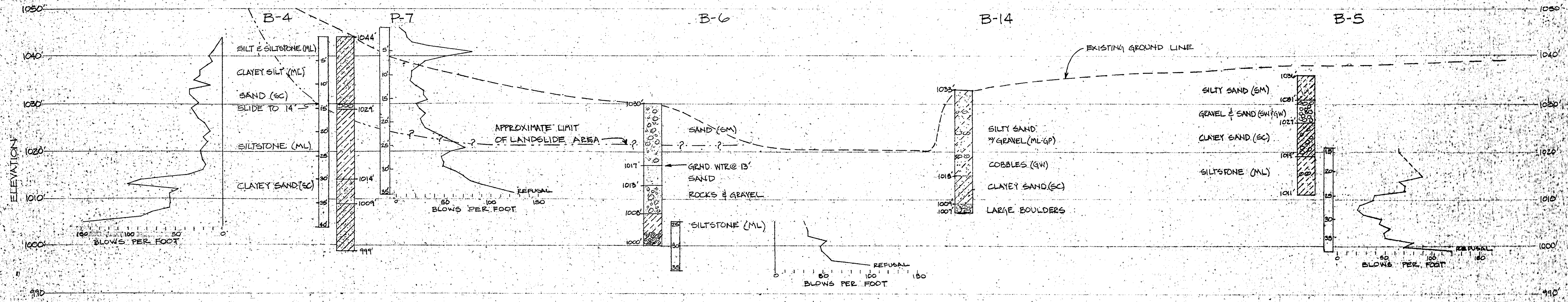




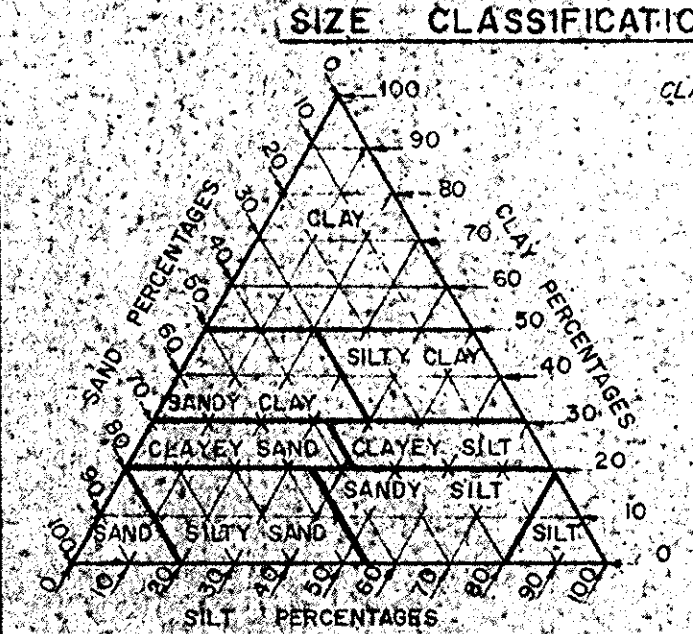
BORING PLAN
SCALE: 1"=10'



CROSS SECTION

FIELD STUDY BY: _____
DRAWN BY: _____
CHECKED BY: _____

LEGEND OF EARTH MATERIALS



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

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

2.5" CONE PENETROMETER

ROTARY BORING

AUGER BORING

SAMPLE BORING

JET BORING

DIAMOND CORE BORING

TEST PIT

ROTARY BORING LOCATION

NO. _____

TOP HOLE ELEV. _____

CASING SET _____

SIZE OF SAMPLER _____

BLOWS PER FOOT _____

DATE MEASURED _____

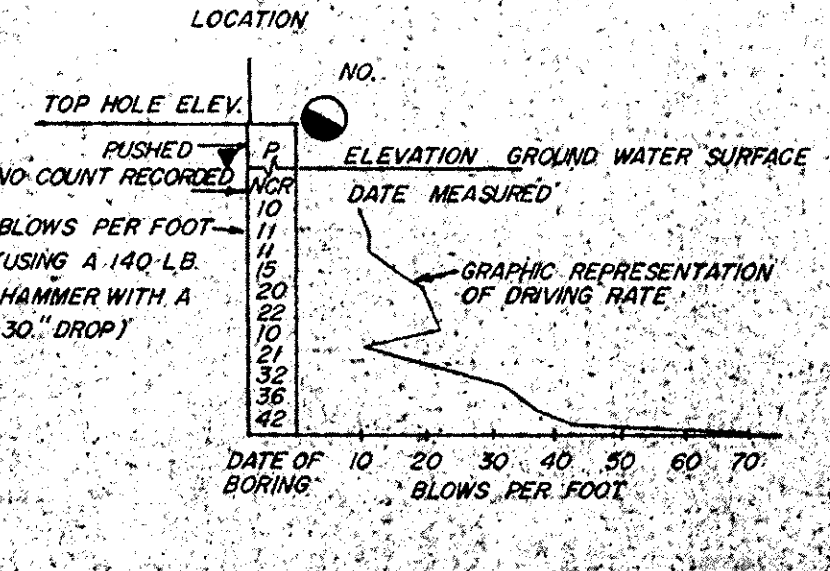
ELEVATION GROUND WATER SURFACE _____

CONFORMABLE MATERIAL CHANGE _____

UNCONFORMABLE MATERIAL CHANGE _____

DATE OF BORING _____

PENETRATION TEST



REVISED LEGEND

●	LOCATION OF BORING & PENETROMETER (1979)
⊙	LOCATION OF PENETROMETER
⊗	LOCATION OF PREVIOUS BORINGS (1977)
DATE	REVISION
ALLEN	STANKOV
DRAWN BY	CHECKED BY

COUNTY OF ORANGE

ENVIRONMENTAL MANAGEMENT AGENCY

EL TORO ROAD BRIDGE

NO. AL 0.5 AT

ALISO CREEK

EXPLORATORY BORINGS

SCALE: 1"=10'

DATE: 12/21/79

DRAWING

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