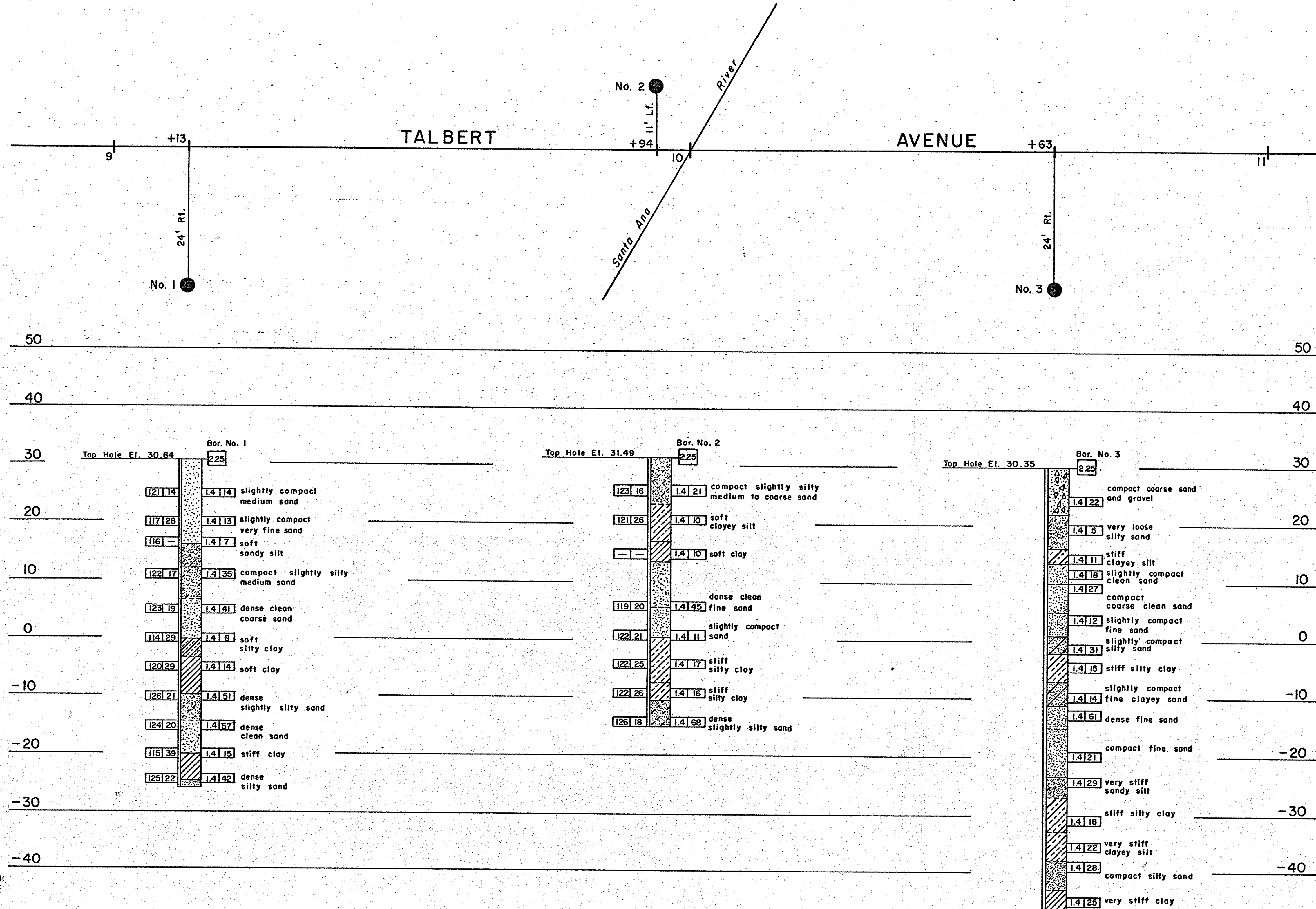




CUT-OFF ELEVATION	AVG. TIP ELEVATION	AVG. STROKE HEIGHT	AVG. BLOWS PER FOOT	AVG. BEARING VALUE (TONS)
35.25'	15.75'	7.33'	102	222.94
18.25'	14.00'	7.33'	92	209.33
18.25'	14.00'	7.33'	117	239.14
18.25'	14.00'	7.33'	98	217.78
35.25'	16.17'	7.33'	110	231.52

PILE DRIVING MAKE AND MODEL DELMAG D-30

DRIVING ACTION SINGLE

RATED ENERGY

RAM WEIGHT 6,600 lbs.

MAX. STROKE 10.33 ft.

BEARING VALUE FORMULA

$P = \frac{2WL}{S+0.1}$ OR $P = S+0.1$

AS BUILT PILE DRIVING DATA

AS BUILT

WHILE THE INFORMATION SHOWN IS BELIEVED TO BE ACCURATE, THE ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY WILL NOT BE RESPONSIBLE FOR OMISSIONS, ERRORS, OR INACCURACIES.

LEGEND OF EARTH MATERIALS

SIZE CLASSIFICATION	MATERIAL SYMBOLS	CONSISTENCY CLASSIFICATION
CLASSIFICATION OF EARTH MATERIAL SHOWN ON THIS SHEET IS BASED ON MECHANICAL ANALYSIS UNLESS OTHERWISE INDICATED.	GRAVEL SAND SILT CLAY SANDY CLAY OR CLAYEY SAND SANDY SILT OR SILTY SAND SILTY CLAY OR CLAYEY SILT	ACCORDING TO THE STANDARD PENETRATION TEST NO. OF BLOWS 0-5 6-10 11-20 21-35 36-70 70+
	PEAT OR ORGANIC MATTER FILL MATERIAL SHAPE SANDSTONE LIMESTONE METAMORPHIC ROCK IGNEOUS ROCK	GRANULAR COHESIVE VERY LOOSE LOOSE SLIGHTLY COMPACT COMPACT DENSE VERY DENSE VERY SOFT SOFT STIFF VERY STIFF HARD VERY HARD

LEGEND OF BORING OPERATIONS

PLAN OF ANY BORING	ROTARY BORING	PENETRATION TEST
STANDARD PENETROMETER 2.5" CONE PENETROMETER ROTARY BORING AUGER BORING SAMPLE BORING JET BORING DIAMOND CORE BORING TEST PIT	TOP HOLE ELEV. LOCATION NO. CASING SET DESCRIPTION OF MATERIAL SIZE OF SAMPLER BLOWS PER FOOT (USING A 140 lb. HAMMER WITH A 30" DROP) ELEVATION GROUND WATER SURFACE DATE MEASURED CONFORMABLE MATERIAL CHANGE GRADATIONAL MATERIAL CHANGE ESTIMATED MATERIAL CHANGE UNCONFORMABLE MATERIAL CHANGE DATE OF BORING	TOP HOLE ELEV. LOCATION NO. PUSHED ELEVATION GROUND WATER SURFACE DATE MEASURED NO COUNT RECORDED BLOWS PER FOOT (USING A 140 lb. HAMMER WITH A 30" DROP) DATE OF BORING

6/82 ADDITION OF AS BUILT PILE DRIVING DATA	ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY TALBERT - MACARTHUR BRIDGE ACROSS SANTA ANA RIVER LOG OF TEST BORINGS PREPARED UNDER SUPERVISION OF DESIGNED DRAWN CHECKED GWF	SCALE AS SHOWN DATE 4/82 DWG. NO. 18
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