DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	405			

Caltrans Metric

REGISTERED ENGINEER - CIVIL

PLANS APPROVAL DATE

LOCAL AGENCY NAME

LOCAL AGENCY ADDRESS

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

GEOTECHNICAL CONSULTANT NAME

GEOTECHNICAL CONSULTANT ADDRESS

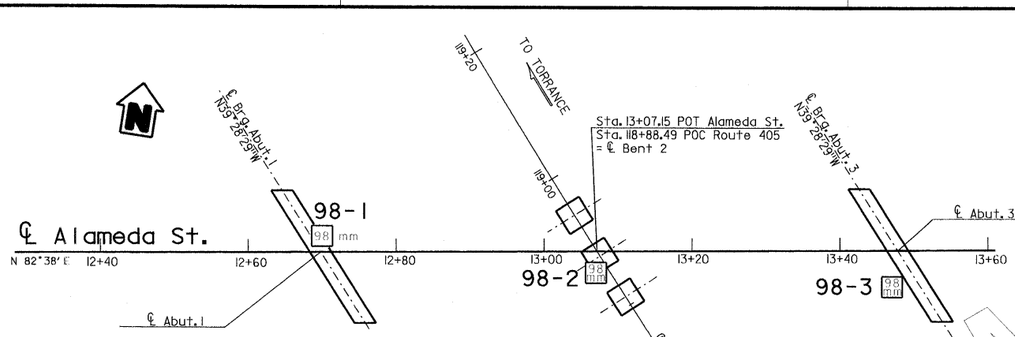
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

EXAMPLE

BENCH MARKS

PT-5
NAVD-88-1995 ADJ Elev. 21.09 m
Fnd L&T In flight target 0.5 m Lt.
Centerline Alameda St.

PT-K
NAVD-88-1995 ADJ Elev. 20.85 m
Fnd scribed "X" at SW corner Island
20 m Rt. Centerline Alameda St.

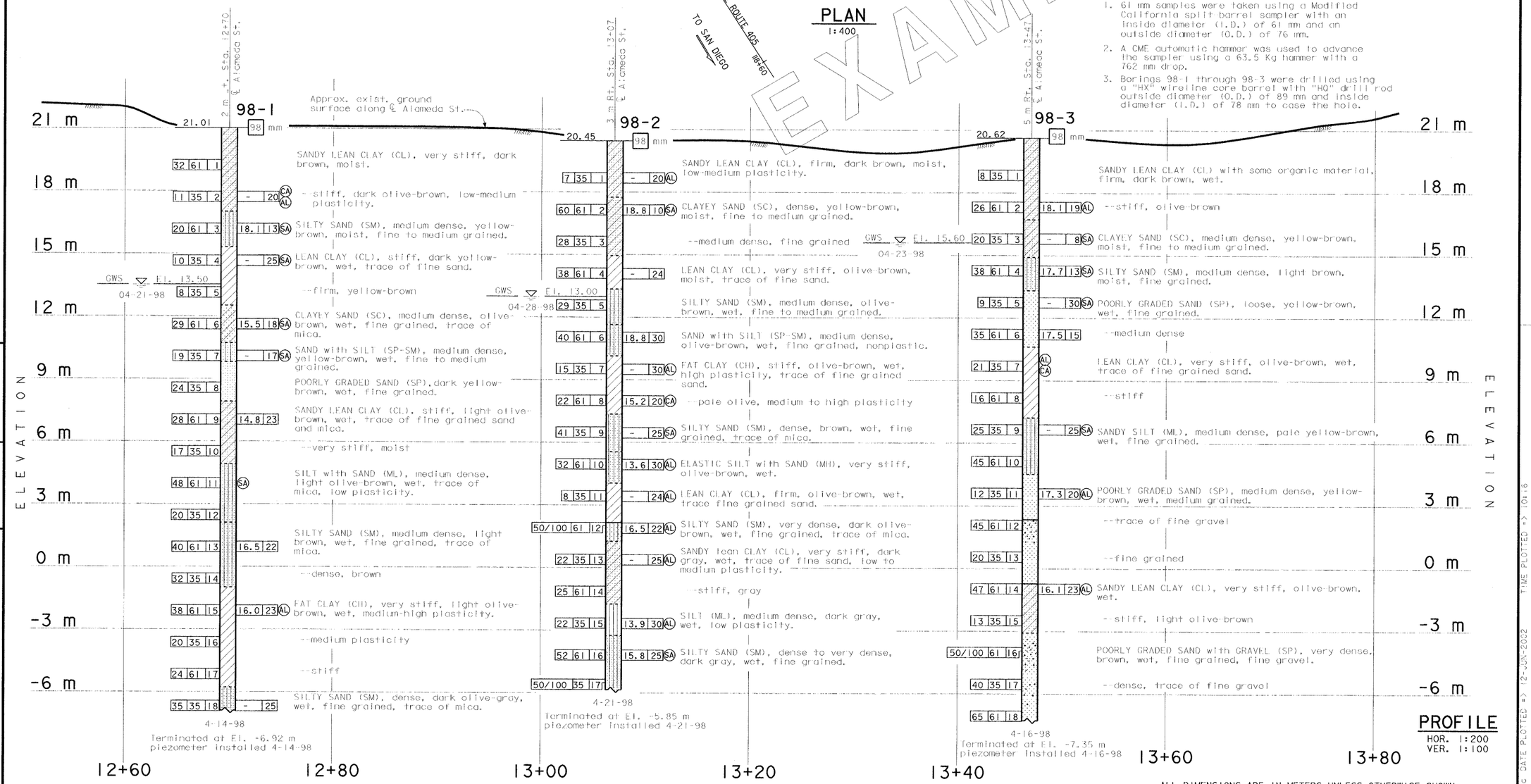


PLAN

1:400

Notes:

1. 61 mm samples were taken using a Modified California split barrel sampler with an inside diameter (I.D.) of 61 mm and an outside diameter (O.D.) of 76 mm.
2. A CME automatic hammer was used to advance the sampler using a 63.5 Kg hammer with a 762 mm drop.
3. Borings 98-1 through 98-3 were drilled using a "HX" wireline core barrel with "HQ" drill rod outside diameter (O.D.) of 89 mm and inside diameter (I.D.) of 78 mm to case the hole.

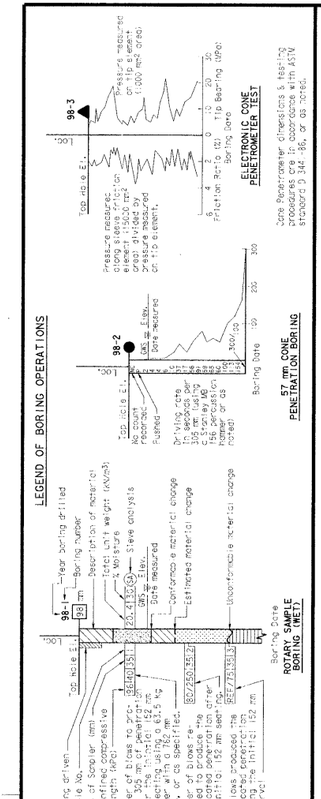


PROFILE

HOR. 1:200
VER. 1:100

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

LEGEND OF BORING OPERATIONS



IN-SITU, LAB & FIELD TEST DESIGNATIONS

AL ATTERBERG LIMITS	CA CHEMICAL ANALYSIS	CN CONSOLIDATION	CS CONSOL. DATED UNDRAINED TRIAXIAL
DS DIRECT SHEAR	MD MAX. DRY DENSITY	PP POCKET PENETROMETER	SA SIEVE ANALYSIS
TV TORVANE	UC UNCONFINED COMPRESSION	UU UNCONSOL. DATED UNDRAINED TRIAXIAL	VS VANE SHEAR

TYPES OF BORINGS

● 57 mm CONE PENETRATION	ROTARY WASH	◀ ELECTRONIC CONE PENETROMETER	AUGER BORING (DRY)
TEST PIT	◇ FLUSHING CORE BORING	SOIL TUBE	

LEGEND OF EARTH MATERIALS (USCS) BASED ON ASTM D2487, D2488

FILL MATERIAL	POORLY GRADED SAND (SP)		
CLAY (CL or CH)	WELL GRADED SAND (SW)		
SILT (ML or MH)	SILTY SAND (SM) or SANDY SILT		
PEAT, ORGANIC MATTER	CLAYEY SAND (SC) or SANDY CLAY		
WELL-GRADED GRAVEL (GW)	COBBLES/BOULDERS	IGNEOUS ROCK	
POORLY GRADED GRAVEL (GP)	SEDIMENTARY ROCK		
SILTY GRAVEL (GM)	METAMORPHIC ROCK		
CLAYEY GRAVEL (GC)			

CONSISTENCY CLASSIFICATION FOR SOILS

According to the Standard Penetration Test (ASTM D-1586)

SPT N-Value (Blows/ 305mm)	Granular	SPT N-Value (Blows/ 305mm)	Cohesive
0-4	Very Loose	<2	Very Soft
5-10	Loose	2-4	Soft
11-30	Medium Dense	5-8	Firm
31-50	Dense	9-15	Stiff
>50	Very Dense	16-30	Very stiff
		>30	Hard

NOTE: Visual classifications of earth materials are based on field inspection and are confirmed or revised with laboratory test results as necessary.

DESIGN OVERSIGHT		DESIGN By	FIELD INVESTIGATION BY:
SIGN OFF DATE		CHECKED By	

PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

PROJECT ENGINEER

BRIDGE NO. 00-0000

KILOMETER POST 00.00

ALAMEDA STREET OVERCROSSING

LOG OF TEST BORINGS 1 OF 2

ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS 0 10 20 30 40 50 60 70 80 90 100

CU 07123
EA 480000

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY) 5-5-98 5-18-99 5-26-99 7-9-99 9-7-99 9-27-99

SHEET 15 OF 16

FILE => ta_brd.dgn

USERNAME => tgamarra DATE PLOTTED => 12-JUN-2002 TIME PLOTTED => 10:16