

LEGEND

- [Symbol] = INDICATES BOTTOM OF FOOTING ELEVATION.  
[Symbol] OR [Symbol] = DENOTES PILES, ALL PILES NOT SHOWN FOR CLARITY.

BENCH MARK

O.C.S. BENCHMARK Y-312  
RECOVERY NOTE BY US GEOLOGICAL SURVEY 1968.  
GO 3 MILES NORTHEAST ALONG ORTEGA HIGHWAY  
(STATE HIGHWAY 74) FROM IT'S INTERSECTION  
WITH THE SAN DIEGO FREEWAY (INTERSTATE 5),  
TO THE BRIDGE OVER SAN JUAN CREEK, THENCE 0.6  
OF A MILE EAST TO THE WEST END OF A DEEP CUT AT  
THE CURVE IN THE HIGHWAY, 30 FT. WEST OF A 18 INCH  
CORRUGATED METAL PIPE CULVERT, 29 FT. SOUTH OF  
THE CENTERLINE OF THE HIGHWAY, 9 FT. EAST OF A  
FENCE CORNER, 1 FT. NORTH OF THE FENCE, SET IN THE  
TOP OF A CONCRETE POST.  
NGVD 29/1995 O.C.S. ADJUSTMENT  
(LOCAL MEAN SEA LEVEL) ELEVATION (FT.) =282.478

NOTES:

- ELEVATIONS SHOWN ARE BASED UPON NGVD29/1995 O.C.S. ADJUSTMENT (LOCAL MEAN SEA LEVEL) VERTICAL DATUM.
- BASIS OF BEARINGS IS CALIFORNIA STATE COORDINATE SYSTEM OF 1983.
- SEE ROAD PLANS FOR DETAILS NOT SHOWN.
- THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES BEFORE EXCAVATION AND PILE DRIVING BEGINS.
- CONTOURS SHOWN ARE ORIGINAL GROUND. CONTOUR INTERVAL IS 1.0 FEET.

FOUNDATION PLAN

1"=20'

PILE DATA

LOCATION	TYPE	DESIGN LOADING (SERVICE LOAD)	SPECIFIED TIP ELEVATION
ABUT 1 & WW	HP 10 X 57	70 TONS	160.0
BENT 2	HP 14 X 89	100 TONS	81.0
BENT 3	HP 14 X 89	100 TONS	81.0
BENT 4	HP 14 X 89	100 TONS	94.0
BENT 5	HP 14 X 89	100 TONS	126.0
ABUT 6 & WW	HP 10 X 57	70 TONS	158.0

RECORD DRAWING

DR. 3 (16158)  
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1/2" = 1' 2"  
3 inches on original drawing

ORANGE COUNTY  
ENVIRONMENTAL MANAGEMENT AGENCY

ANTONIO PARKWAY  
BRIDGE OVER  
SAN JUAN CREEK

FOUNDATION PLAN NO. 1

6/27

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GOFFMAN, MCCORMICK & URBAN, Inc. :  
GEOTECHNICAL PROFESSIONAL: [Signature] 9/23/96 APPROVAL DATE  
PLANS PREPARED BY: [Signature]  
**HNTB** 26 EXECUTIVE PARK  
SUITE 200  
IRVINE, CALIFORNIA 92614

11/00	AS BUILT SHOWN		
MARK	DATE	DESCRIPTION	
REVISIONS			
PREPARED UNDER RESPONSIBLE CHARGE OF: [Signature]			
[Signature] Richard A. Hart			
NO. C 03995			
EXP. 12-31-97			
DATE 9/20/96			
DESIGNED	Steve A. Whitaker	CHECKED	R. Hart
SCALE	DATE	DRAWING NO.	
AS SHOWN			

DR. 3 46158J