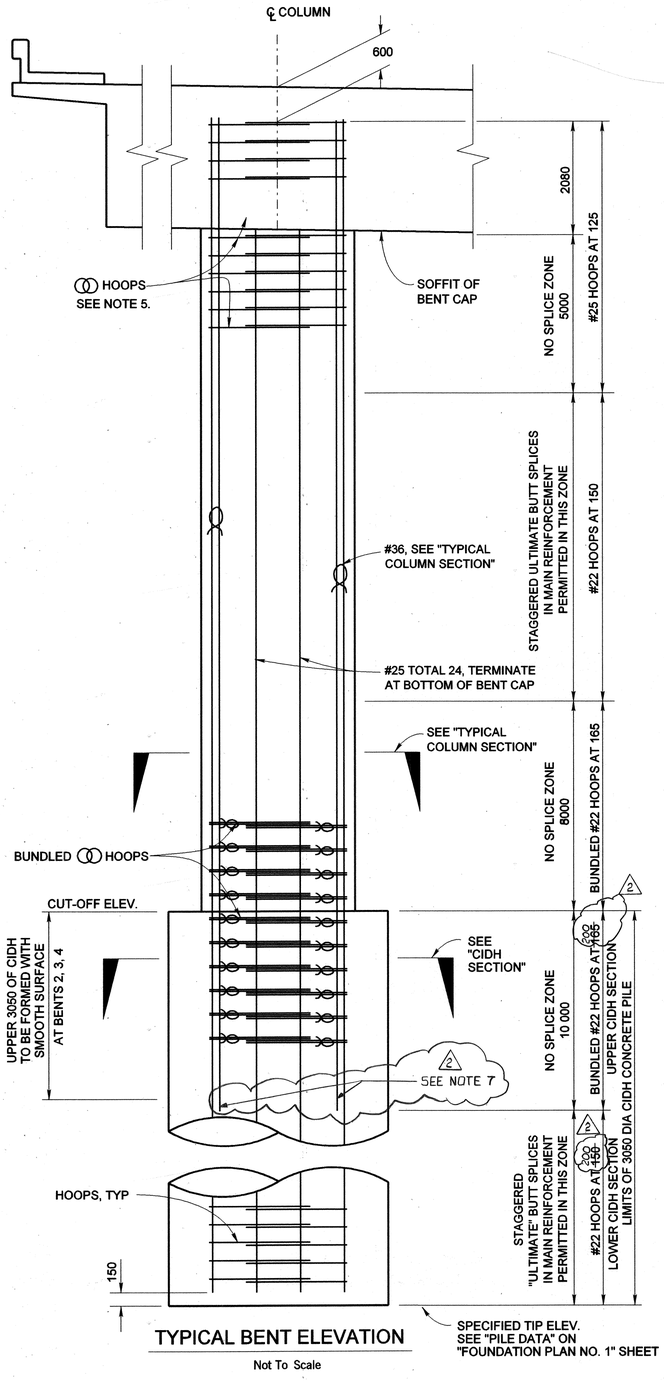
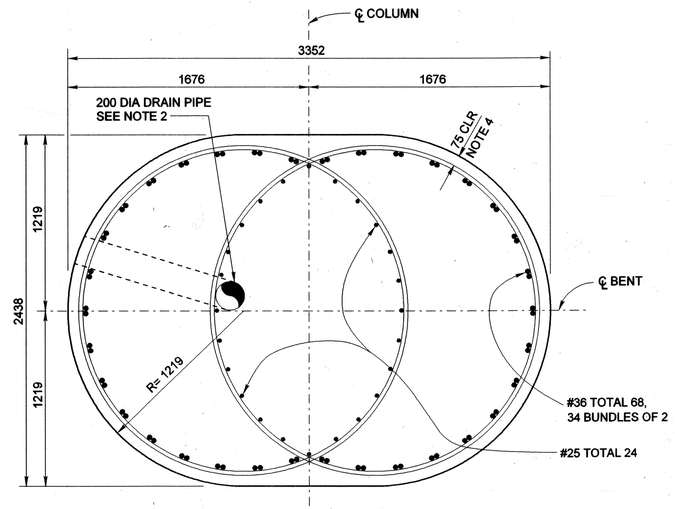


TYPICAL BENT ELEVATION

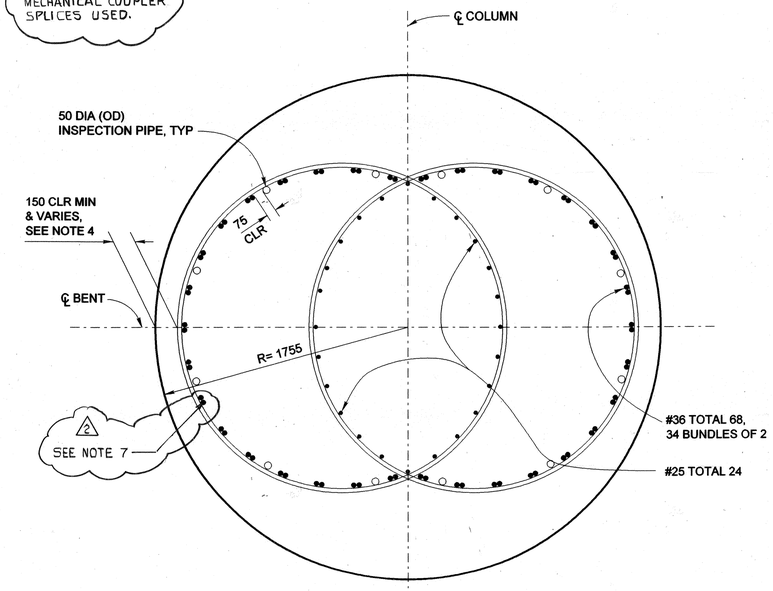
Not To Scale



TYPICAL COLUMN SECTION

1:20

NOTE:
MECHANICAL COUPLER SPLICES USED.

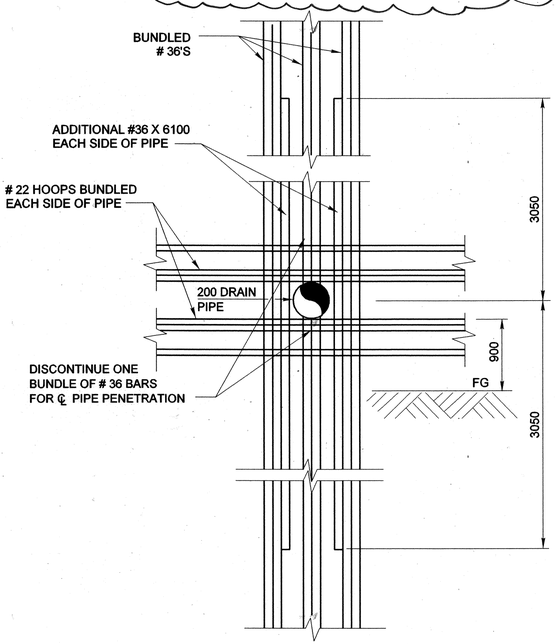


CIDH SECTION

1:20

NOTES:

1. FOR "BAR SPIRAL SPLICE & SPIRAL ANCHOR & HOOP DETAIL", SEE "BENT DETAILS NO. 2" SHEET.
2. AT TOP OF COLUMN, NO MORE THAN 2 - #36's MAY BE CUT FOR DRAIN PIPE ENTERING COLUMN CAGE. PROVIDE ONE BUNDLED PAIR OF HOOPS DIRECTLY ABOVE AND BELOW PIPE. AT DRAIN OUTLET, USE DRAIN PIPE OUTLET DETAIL IF REQUIRED.
3. ⊂⊃ INDICATES BUNDLED BARS, 2 BARS PER BUNDLE
4. CLEARANCE SHOWN IS TO HOOPS. INSIDE DIAMETER OF HOOPS SHALL FIT TIGHTLY AGAINST MAIN COLUMN REINFORCEMENT.
5. NOT ALL HOOPS SHOWN FOR CLARITY.
6. ONLY "ULTIMATE" BUTT SPLICES ALLOWED FOR HOOPS IN COLUMN OR CIDH PILE.
7. BOTH #36 BARS IN THE BAR BUNDLES MUST EXTEND A MINIMUM OF 14 METERS BELOW THE CUT OFF ELEVATION.



OPTIONAL DRAIN PIPE OUTLET ELEVATION

Not To Scale

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

Washington Infrastructure Services, Inc.
17300 Redhill Avenue, Suite 150
Irvine, CA 92614

MARK	DATE	DESCRIPTION
2	2-13-04	AS BUILT

REVISIONS

PREPARED UNDER RESPONSIBLE CHARGE OF:

H. YEE
No. 54757
Exp. 12/31/03
CIVIL
STATE OF CALIFORNIA
6/4/03
DATE

HILTON L. YEE
GE 54757 EXP. 12-31-03

ORANGE COUNTY
PUBLIC FACILITIES AND RESOURCES DEPARTMENT

CROWN VALLEY PARKWAY BRIDGE (WIDENING) OVER ARROYO TRABUCO

COLUMN DETAILS

DESIGNED	M. SARWAR		SHEET
DRAWN	R. DANLEY	CHECKED J. SARAH	35
SCALE	DATE	DRAWING NO.	OF 55
AS SHOWN	MAY 01, 2003		

File Name: M:\26144\Struct\bentdt1_w.dgn
Date Plotted: 8/5/2003 14:33:34

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Last modified 30-Apr-1998