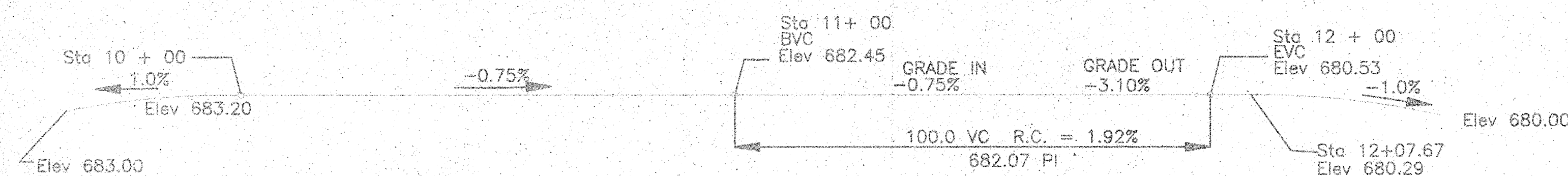
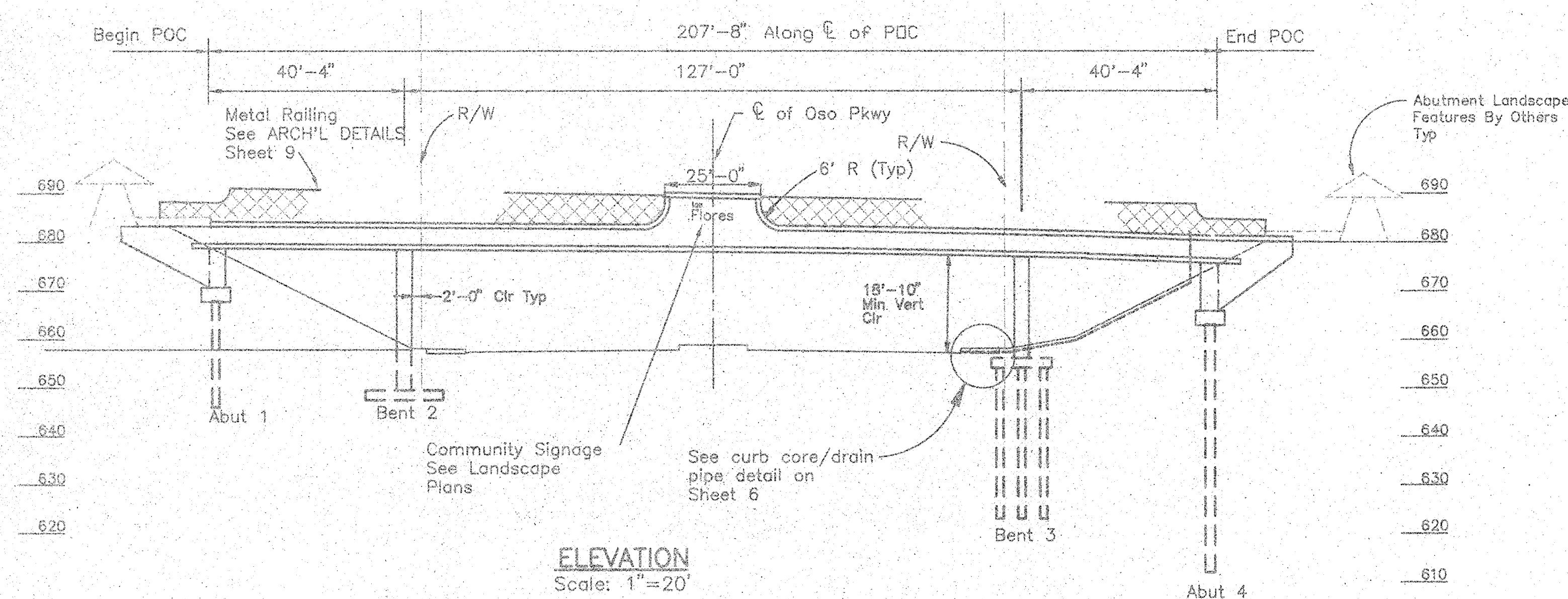


PILE DATA - CIDH CONCRETE PILES

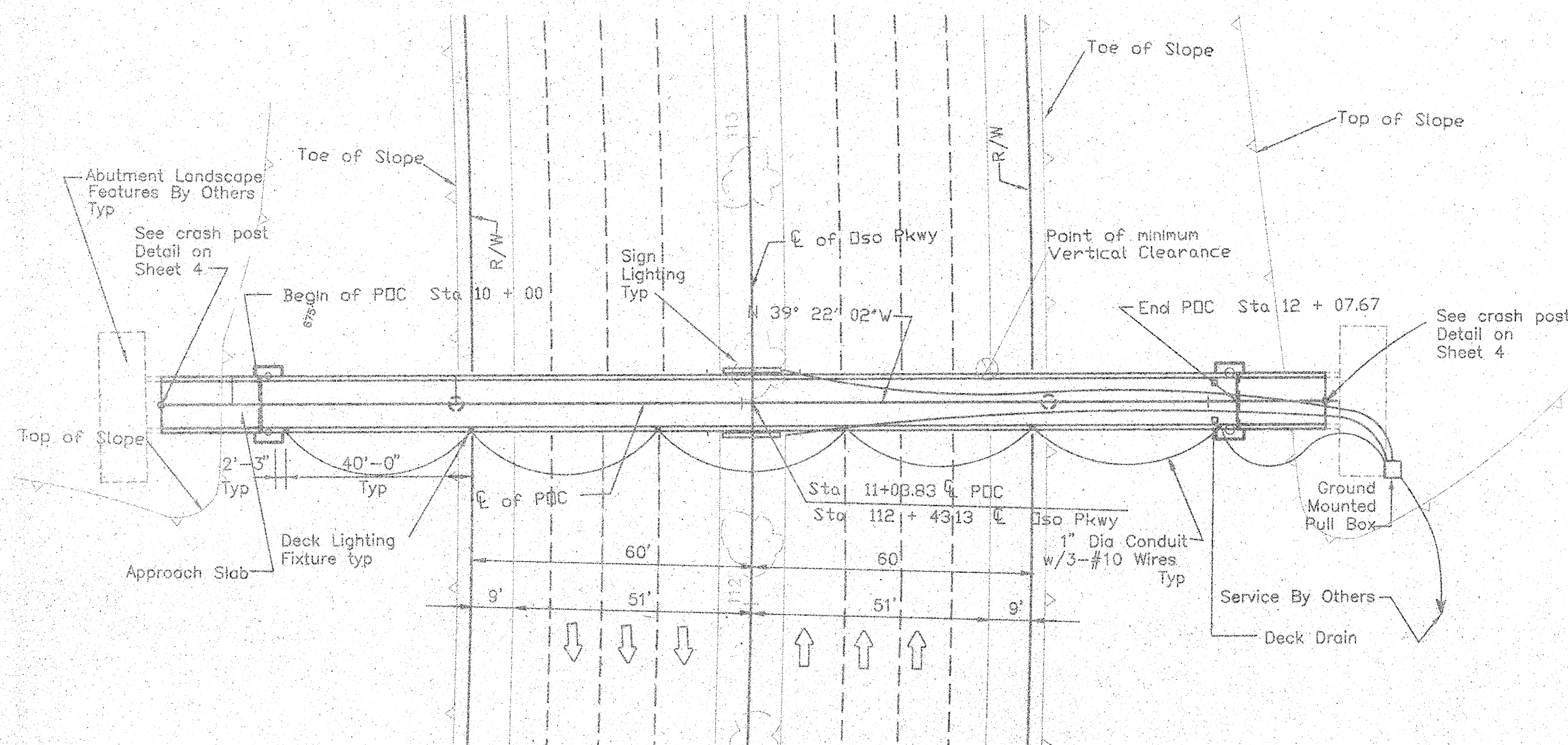
Location	Diameter	Design Loading (Service)	Nominal Resistance Compression	Nominal Resistance Tension	Design Tip Elevation	Specified Tip Elevation
Abutment 1	16"	45 tons	20 kips	20 kips	646	646
Bent 3	16"	45 tons	160 kips	-0-	623	623
Abutment 4	24"	45 tons	20 kips	20 kips	642	612



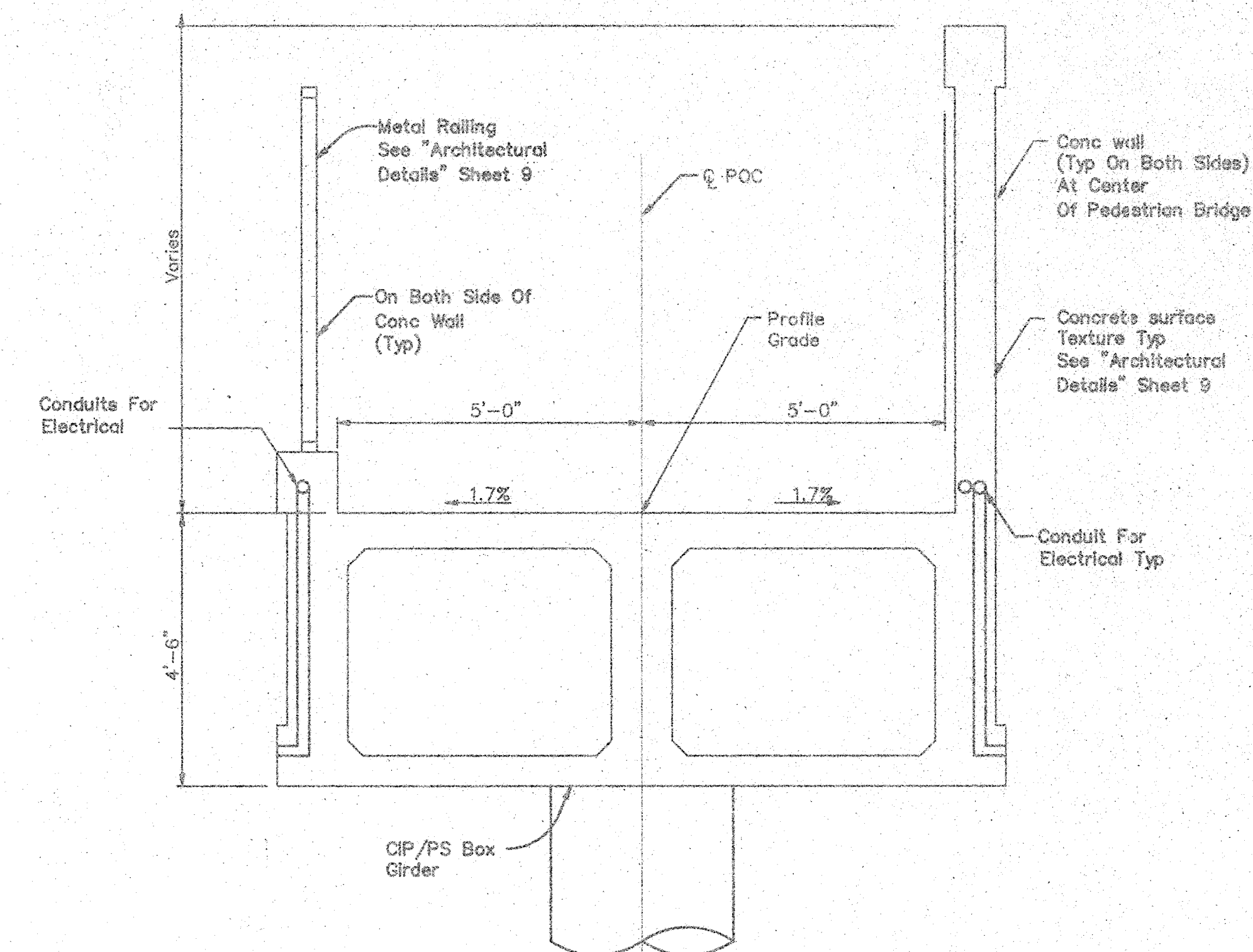
PROFILE GRADE
No Scale



ELEVATION
Scale: 1"=20'



PLAN
Scale: 1"=20'



TYPICAL SECTION
SCALE 1/2" = 1'-0"

GENERAL NOTES LOAD FACTOR DESIGN

- DESIGN : BRIDGE DESIGN SPECIFICATIONS (1983 AASHTO WITH INTERIMS AND REVISIONS BY CALTRANS)
- LIVE LOADING : PEDESTRIAN (85psf)
- SEISMIC LOADING : PEAK ROCK ACCELERATION 0.3g DEPTH TO ALLUVIUM 10'-80'
- REINFORCED CONCRETE : REINFORCED CONCRETE: FY = 60 KSI
F'c = 3.5 KSI
TRANSVERSE DECK SLAB
f's = 20 KSI
f'c = 1.8 KSI
n = 10
- PRESTRESSED CONCRETE : SEE PRESTRESSING NOTES ON SHEET 6
- FOUNDATION : SPREAD FOOTINGS
5 KSF DEAD + LIVE
6.5 KSF DEAD + SEISMIC

HUITT-ZOLIARS Huitt-Zoliars, Inc. 1801 Red Hill Avenue, Tustin, CA 92780 (714) 252-7800			DESIGNED BY: WRE DRAWN BY: MMF/LL CHECKED BY: RJM FIELD BOOK:		GENERAL PLAN OSO PARKWAY PEDESTRIAN BRIDGE LAS FLORES		SHEET 2 OF 10 SHEETS
PREPARED UNDER THE SUPERVISION OF <i>William R. Earl</i> WILLIAM R. EARL CIVIL STATE OF CALIFORNIA			DATE: 12-31-99 EXPIRES: 1-20-00		DR. 14 (16X232)		12298