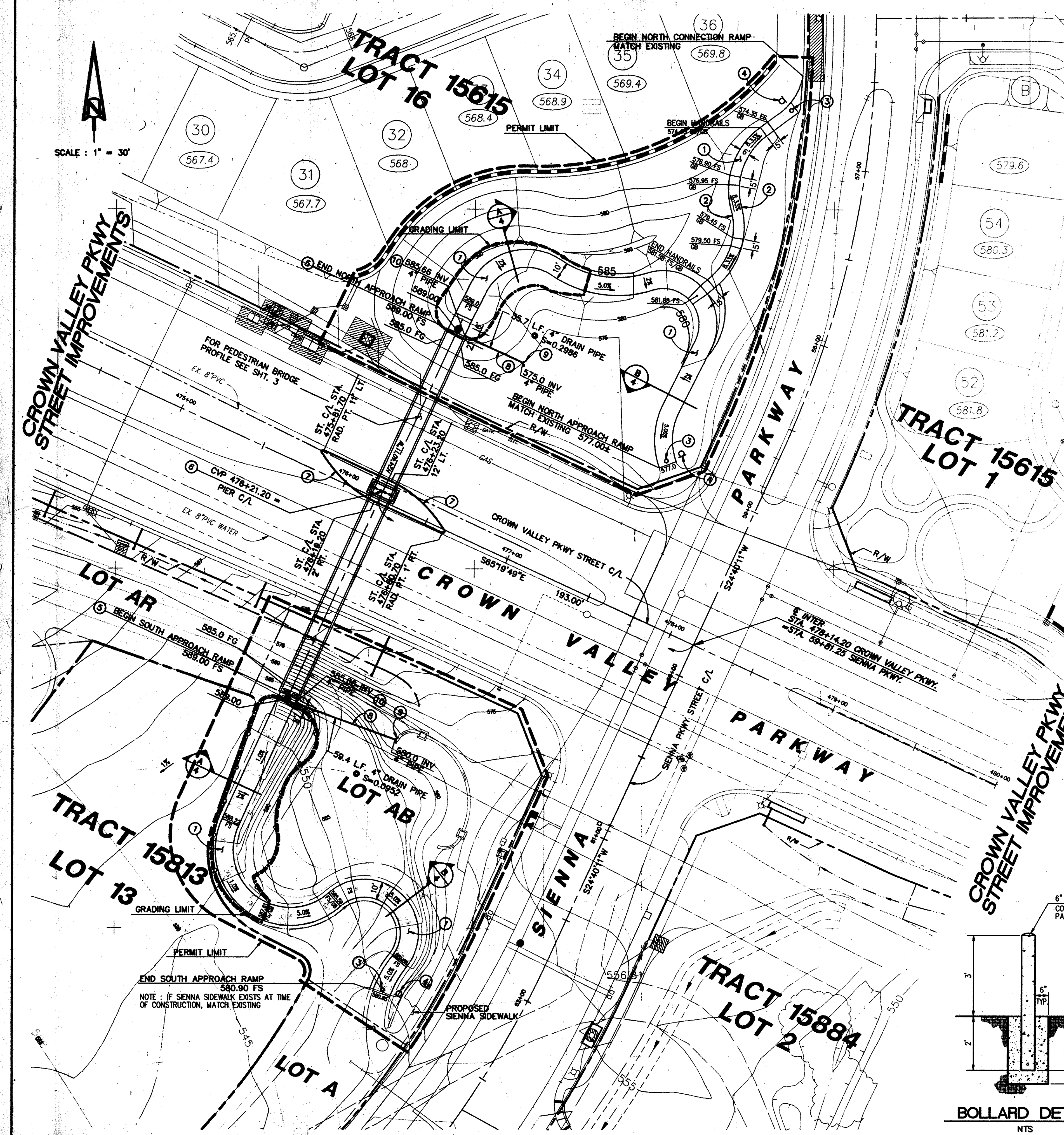
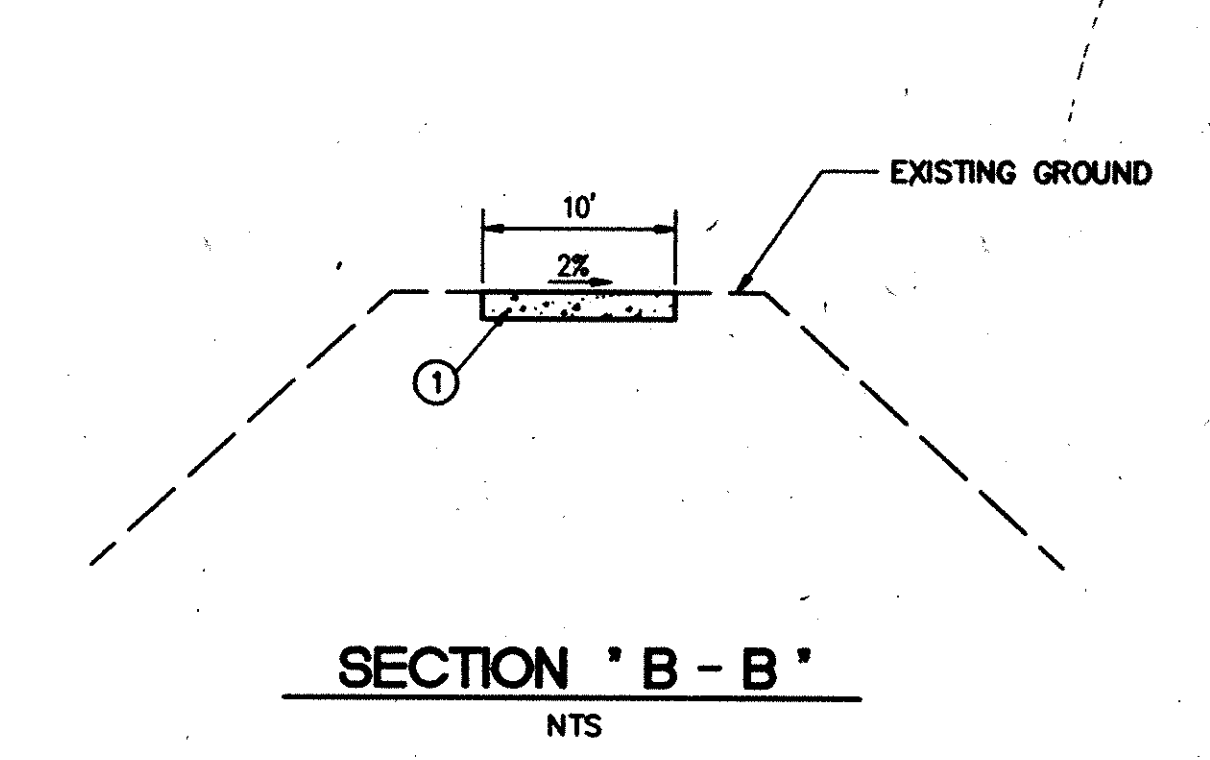
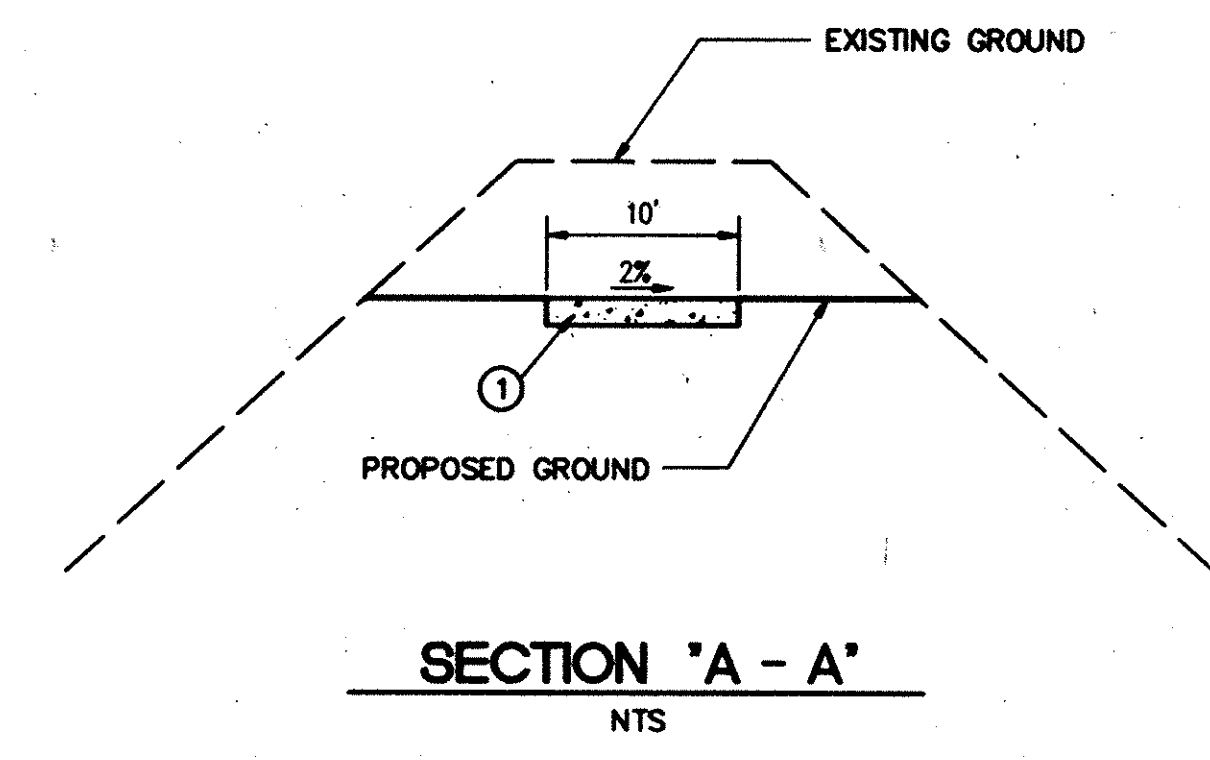
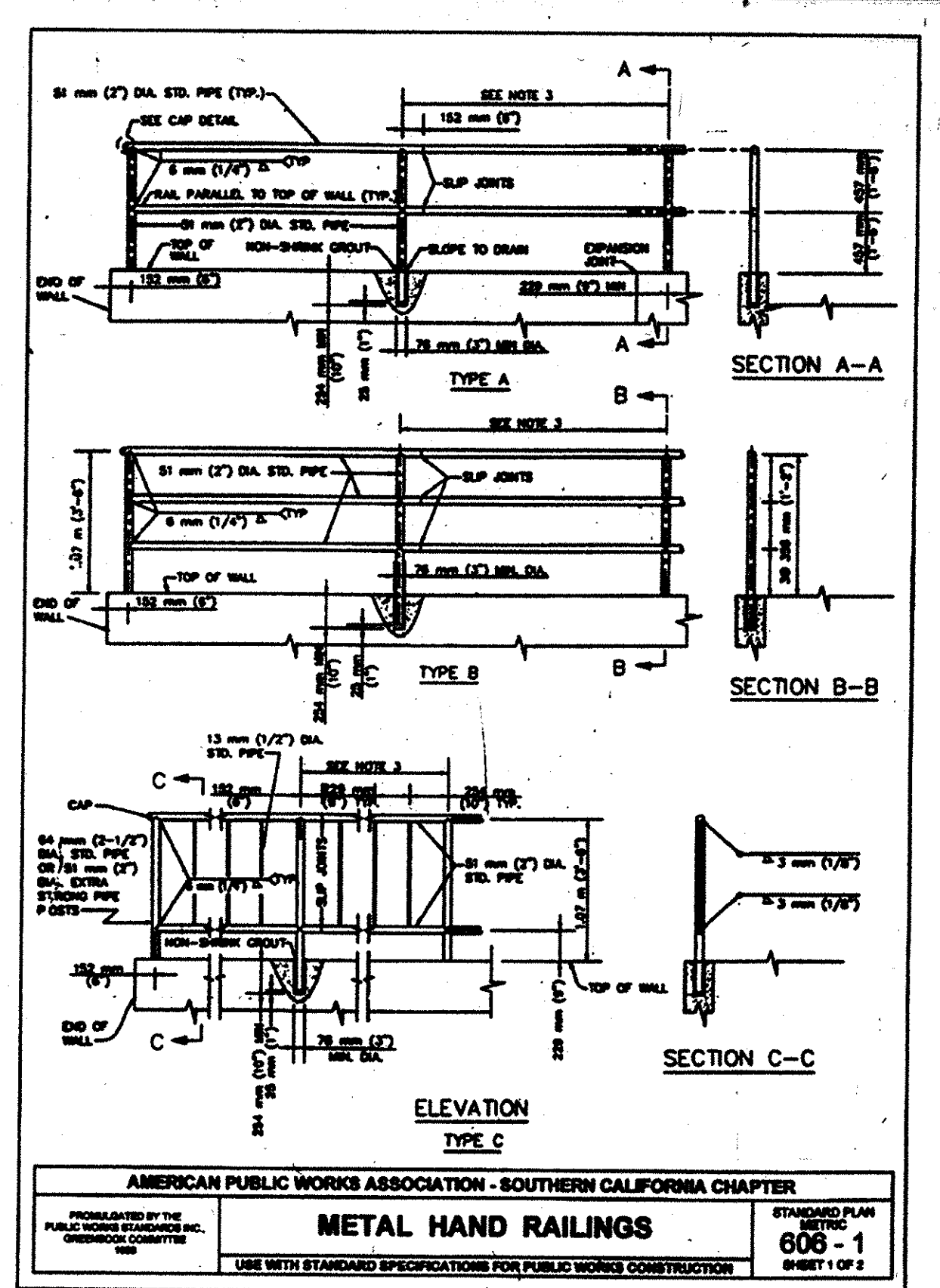
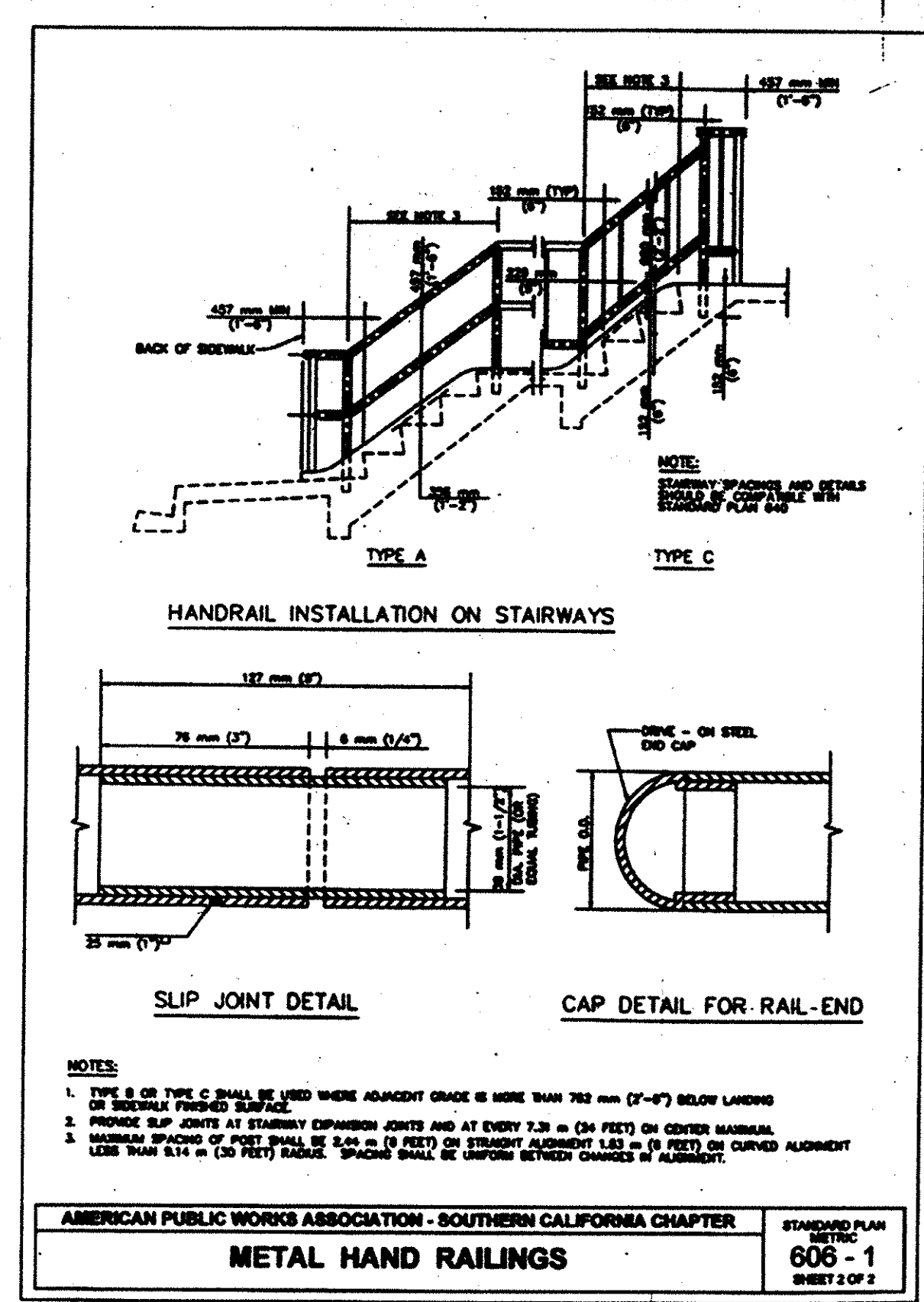


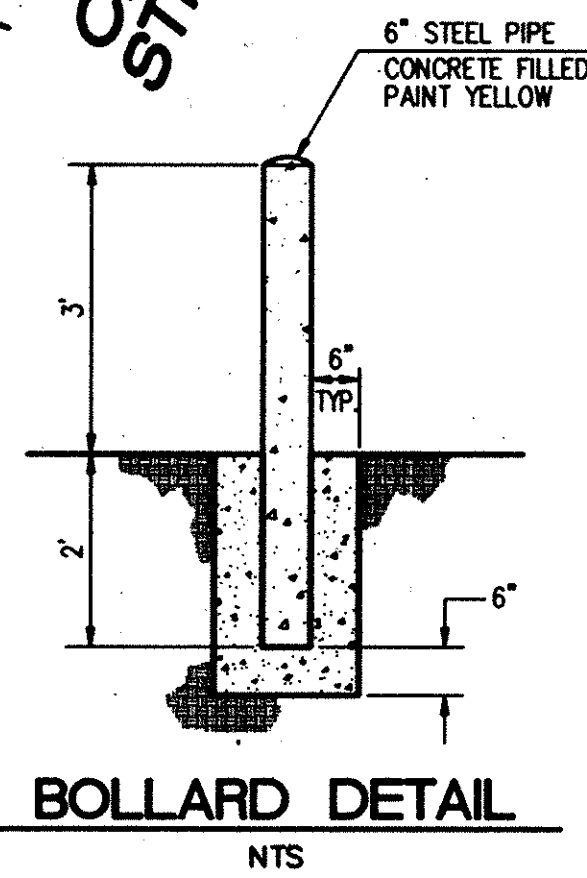


SCALE: 1" = 30'



CONSTRUCTION NOTES

1. CONSTRUCT PCC SIDEWALK PER PF&RD STD. PLAN 1205 ("W" PER PLAN)
2. INSTALL METAL HAND RAILINGS PER DETAIL ON SHT. 4
3. INSTALL REMOVABLE BOLLARD PER DETAIL ON SHT. 4
4. CONSTRUCT TRAFFIC SIGN PER PF&RD STD. 1409 TYPE: R5-3 ("NO MOTORIZED VEHICLES")
5. CONSTRUCT BRIDGE ABUTMENT PER DETAIL ON SHEET 5
6. CONSTRUCT BRIDGE BENT PER DETAIL ON SHEET 6
7. CONSTRUCT TYPE 5 THREE BEAM BARRIER PER CALTRANS (1992) STANDARD PLAN A77-E
8. INSTALL 4" SOLID WALL HIGH DENSITY POLYETHYLENE DRAINAGE PIPE (ADS N-12 SMOOTH INTERIOR PIPE OR EQUIVALENT)
9. INSTALL 4" HIGH DENSITY POLYETHYLENE FLARED END SECTION (ADS OR EQUIVALENT)
10. INSTALL 4" HIGH DENSITY POLYETHYLENE 11.25 DEGREE VERTICAL BEND (ADS OR EQUIVALENT)



METAL GUARD RAIL FLARE DETAIL

TAPER #1			TAPER #2		
	W=12'	L=37.5		W=12'	L=37.5
PT	STA.	OFFSET	PT	STA.	OFFSET
A	476+23.20	12.00' LT	A	476+19.20	2.00' RT
B	476+32.58	11.25' LT	B	476+09.83	1.25' RT
C	476+41.95	9.00' LT	C	476+00.45	1.00' LT
D	476+51.33	5.25' LT	D	475+91.08	4.75' LT
E	476+60.70	0.00' LT	E	475+81.70	10.00' LT

TRACT 15813 STREET IMPROVEMENTS

NO.	DATE	REVISIONS	APPROVED



HUITT-ZOLIARS
H-Z Associates, Inc.
15101 Red Hill Avenue, Tustin, CA 92780 (714) 259-7600
PREPARED UNDER THE SUPERVISION OF
Gregory R. Cooke
GREGORY R. COOKE R.C.E. 12-31-01 EXPIRES DATE

DESIGNED BY P.L.
DRAWN BY LE
CHECKED BY P.L.
PRECISE GRADING PLANS FOR
LADERA RANCH
CROWN VALLEY PEDESTRIAN BRIDGE
SHEET 4 OF 7 SHEETS
JOB NO. 10-0367-12