



ALUMINUM PIPE HANDRAIL

PIPE HAND RAIL NOTES

TYPICAL SECTION AT POST
MOUNT ON SEAWALL SHOWN

1. ALL FIXED JOINTS TO BE EITHER WELDED ALL AROUND AND GROUND SMOOTH; OR, COMMERCIALY DESIGNED FIXED JOINT SYSTEMS (SOLDERED, BRAZED, FUSED, BONDED OR SHRINK FITTED) SPECIFIED ON THE PLANS OR APPROVED BY THE ENGINEER. MECHANICAL JOINTS OTHER THAN EXPANSION JOINTS ARE NOT PERMITTED UNLESS SPECIFIED ON THE PLANS OR APPROVED IN WRITING BY THE ENGINEER. POSTS SHALL BE CONNECTED TO BASE BY WELD ONLY. WELD FILLER TO BE ALLOY ER5356, ER5556 OR ER5183.
2. ANCHOR BOLTS SHALL BE IN ACCORDANCE WITH ASTM A36 OR A307. NUTS, WASHERS, AND BOLTS TO BE HOT DIP GALVANIZED IN CONFORMANCE WITH ASTM A153. AFTER THE NUTS HAVE BEEN TIGHTENED, THE ANCHOR BOLT THREADS SHALL BE DISTORTED OR THE NUTS AND BOLTS SPOT WELDED AND COATED WITH ZINC COMPOUND.
3. ALUMINUM HANDRAIL SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 515 OF THE FDOT STANDARD SPECIFICATIONS. PAYMENT SHALL BE FULL COMENSATION FOR FURNISHING AND INSTALLING HANDRAIL, INCLUDING MOUNTING HARDWARE, AND SHALL BE PAID FOR UNDER THE CONTRACT UNIT PRICE FOR PIPE HANDRAIL (ALUMINUM), MI.

REVISIONS		ENGINEERING DEPARTMENT CITY OF POMPANO BEACH	ALUMINUM PIPE HANDRAIL	
BY	DATE		APPROVED BY:	DATE: MAY 2001 DWG. NO.
		SCALE: N.T.S.		308-1
			CITY ENGINEER	