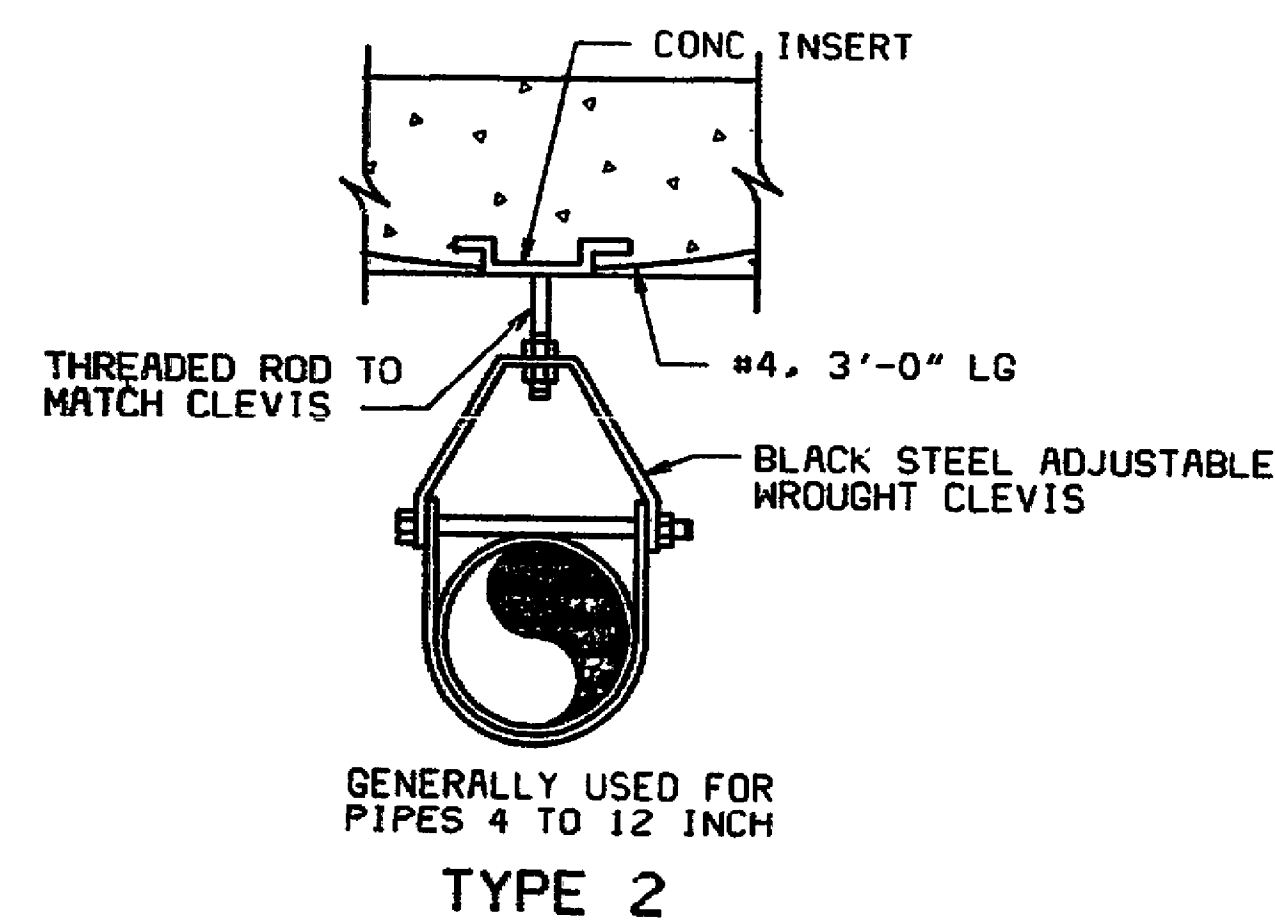
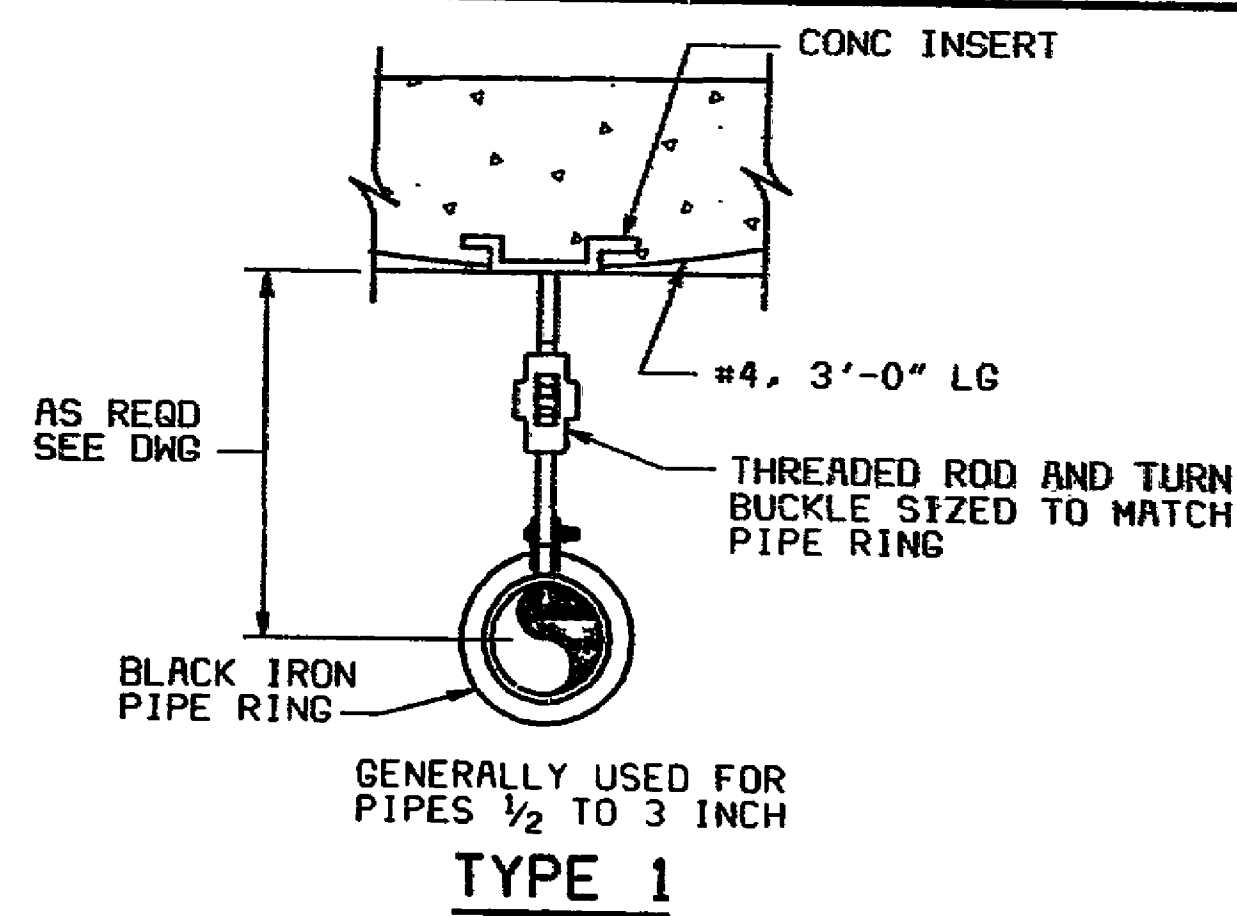
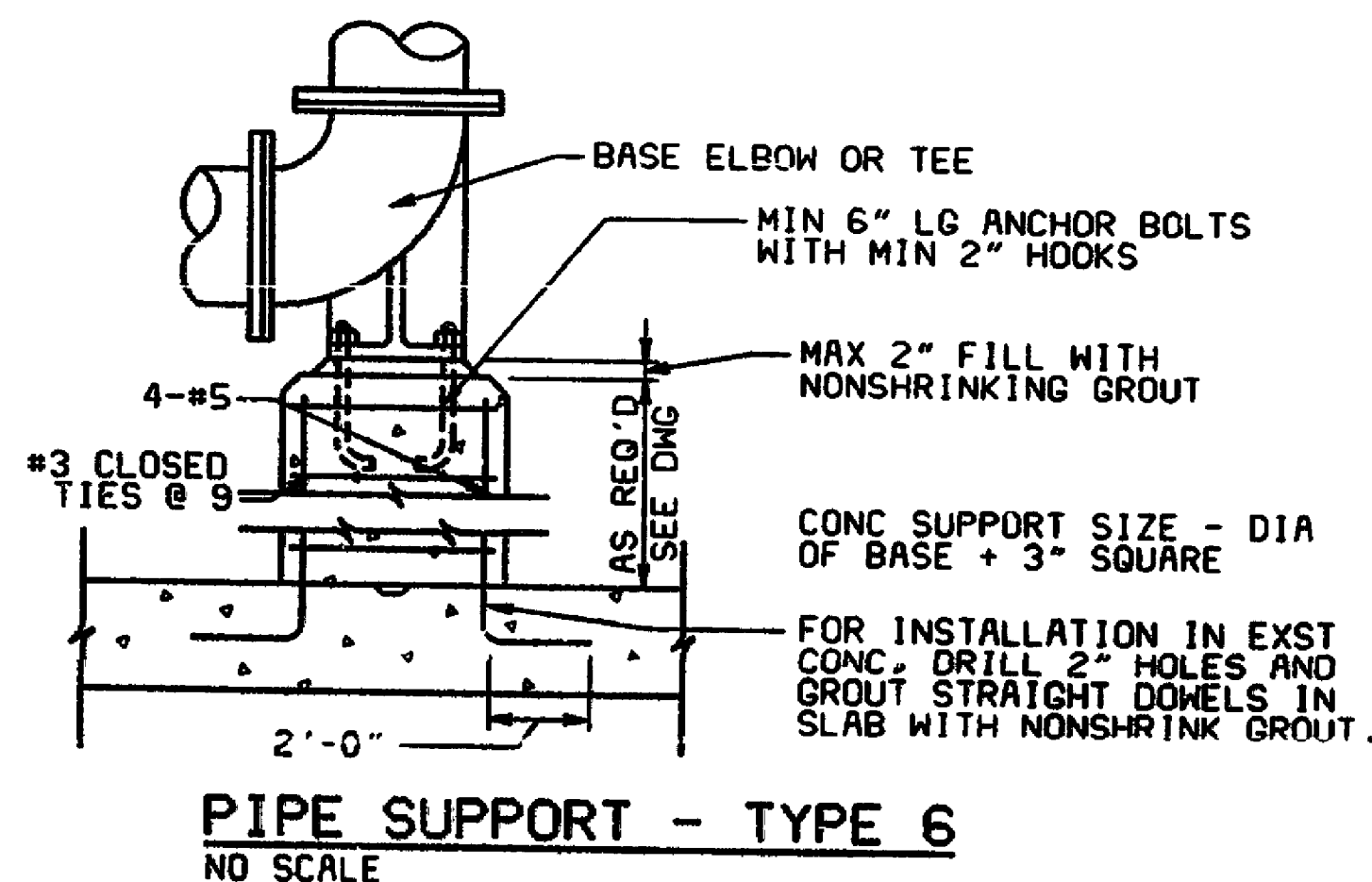
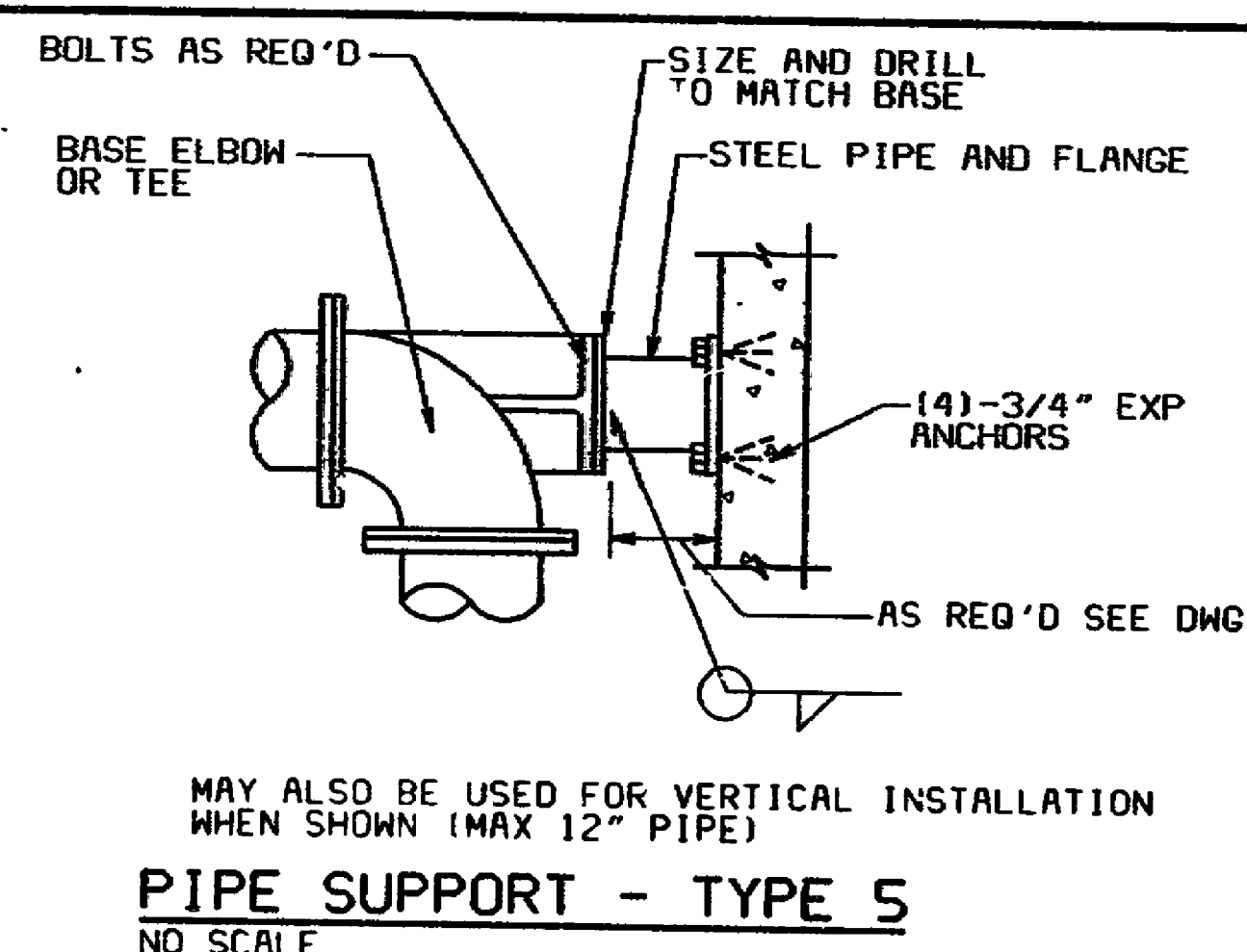
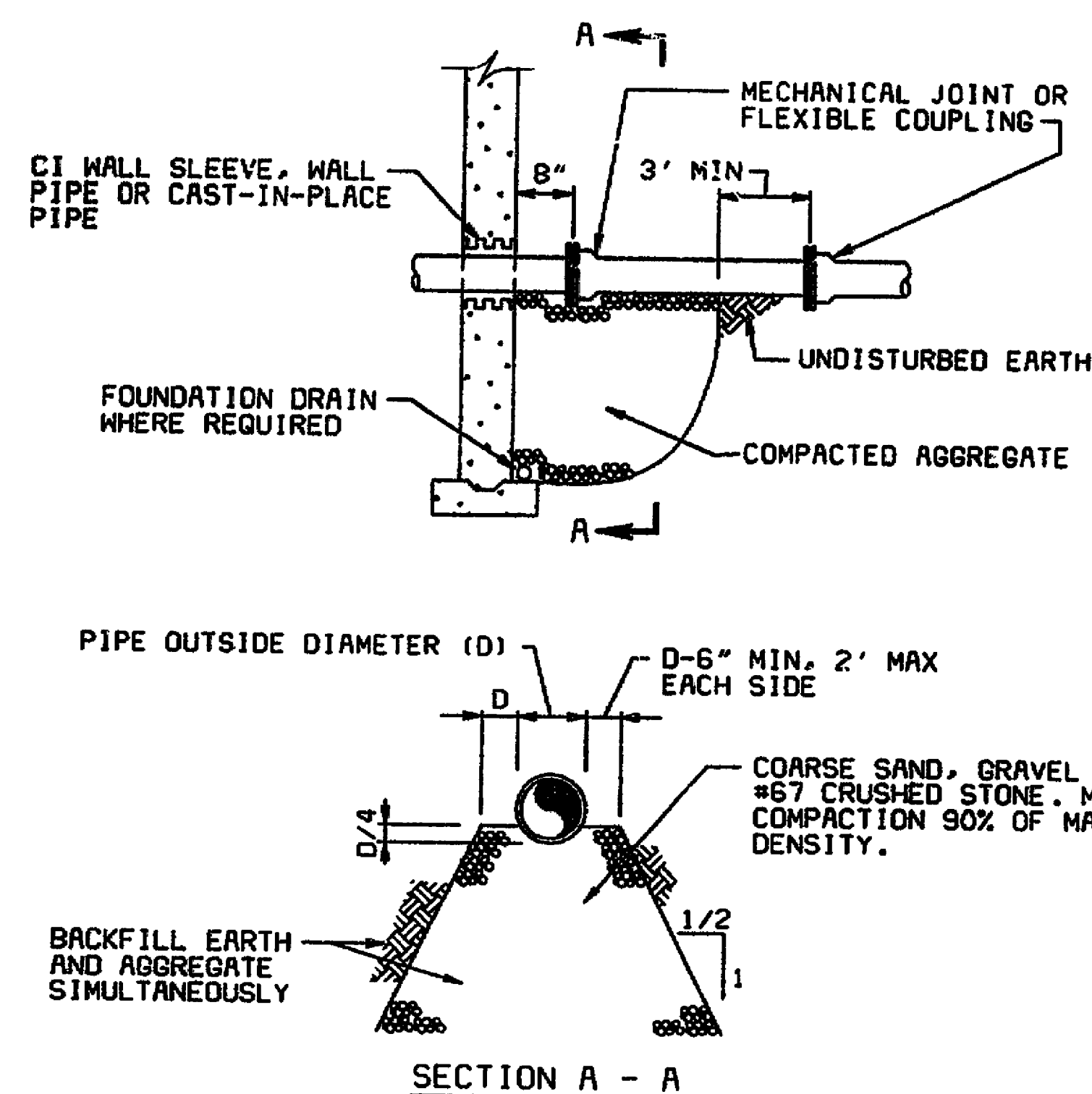
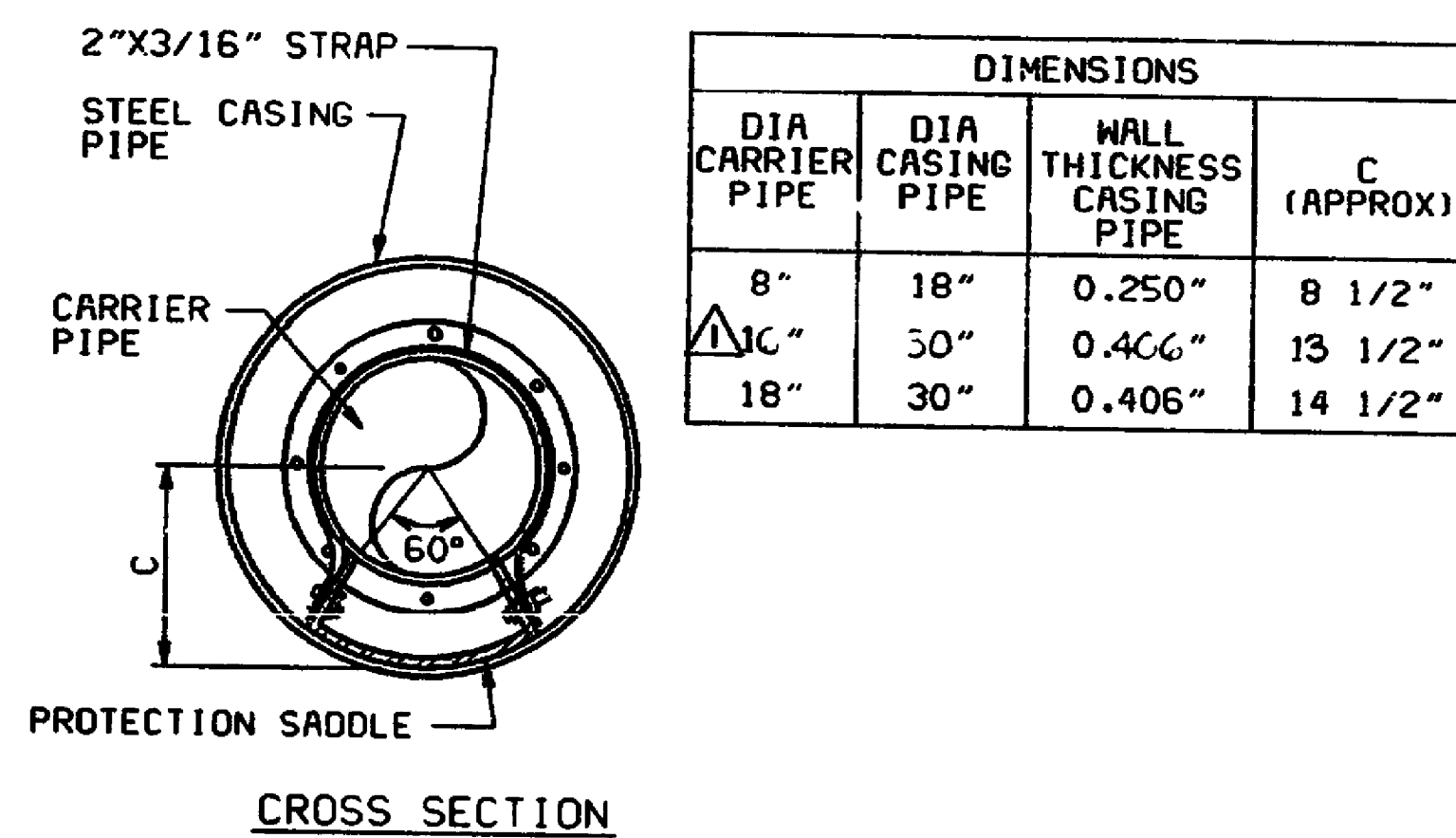
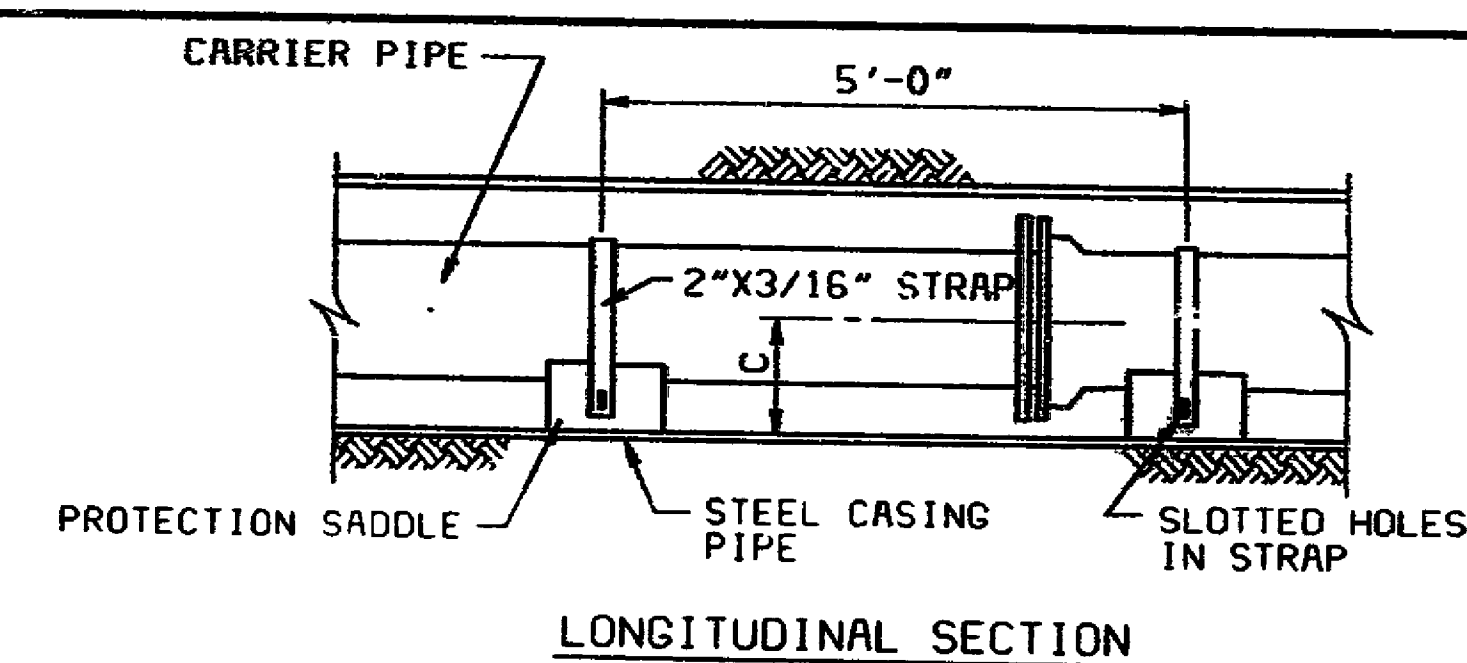




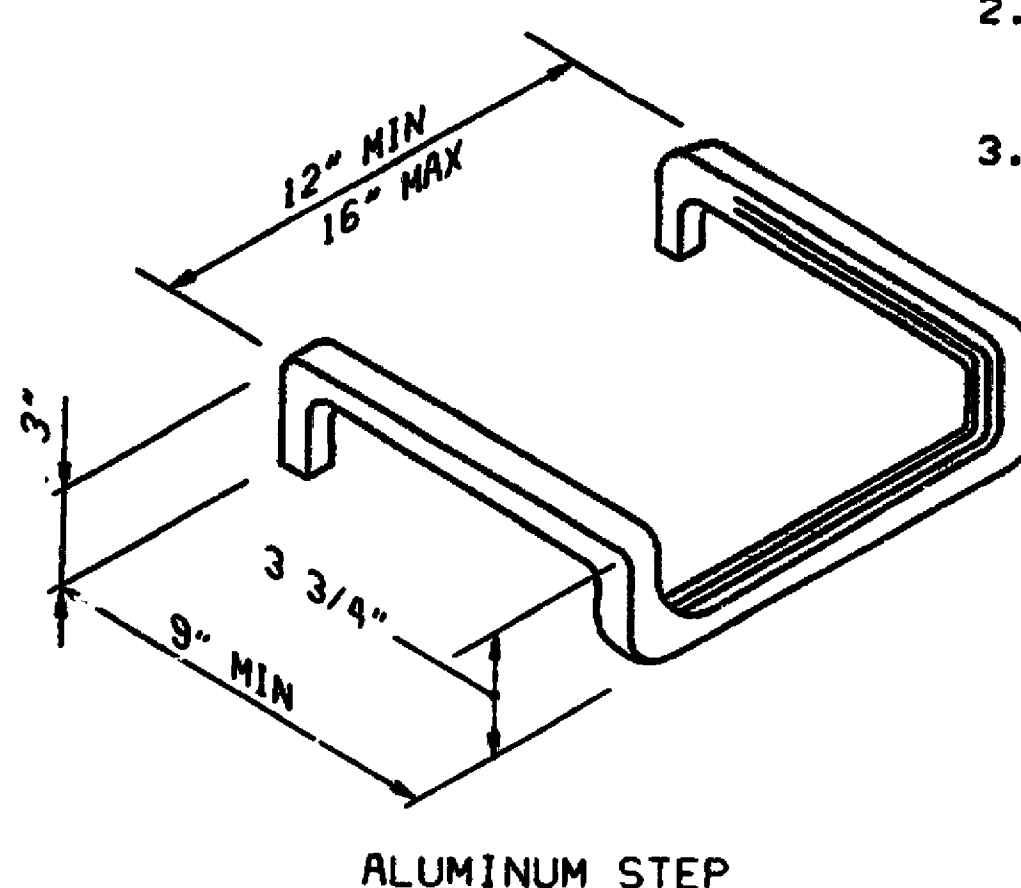
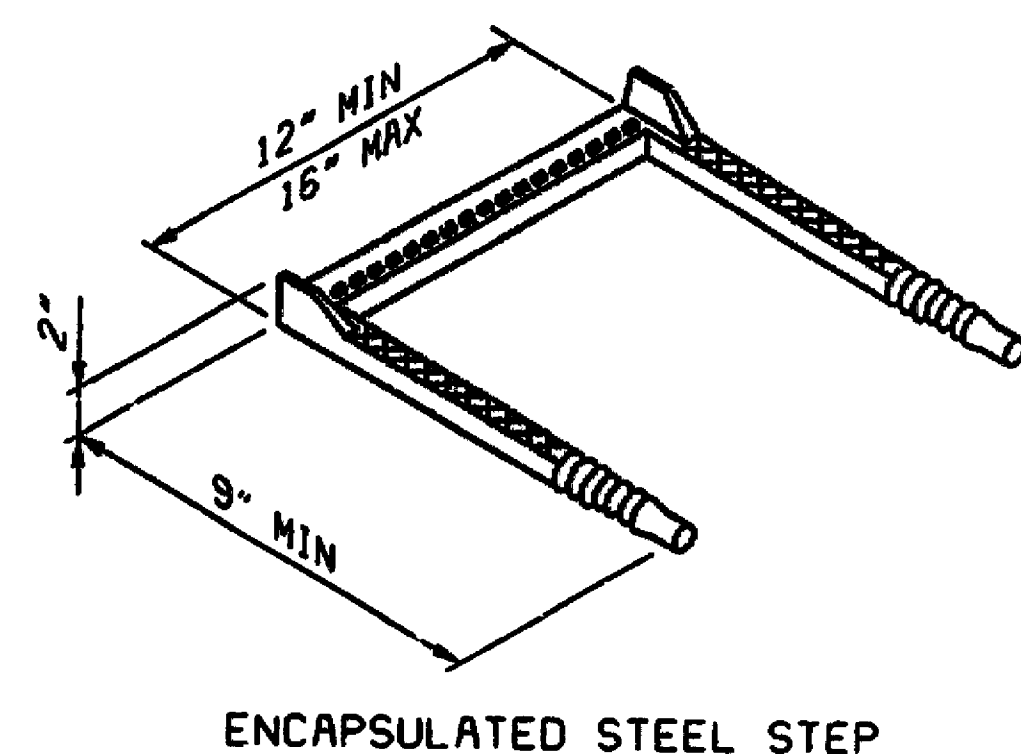
PIPE SUPPORTS - TYPE 1 & 2
NO SCALE



EQUIPMENT SUPPORT
NO SCALE

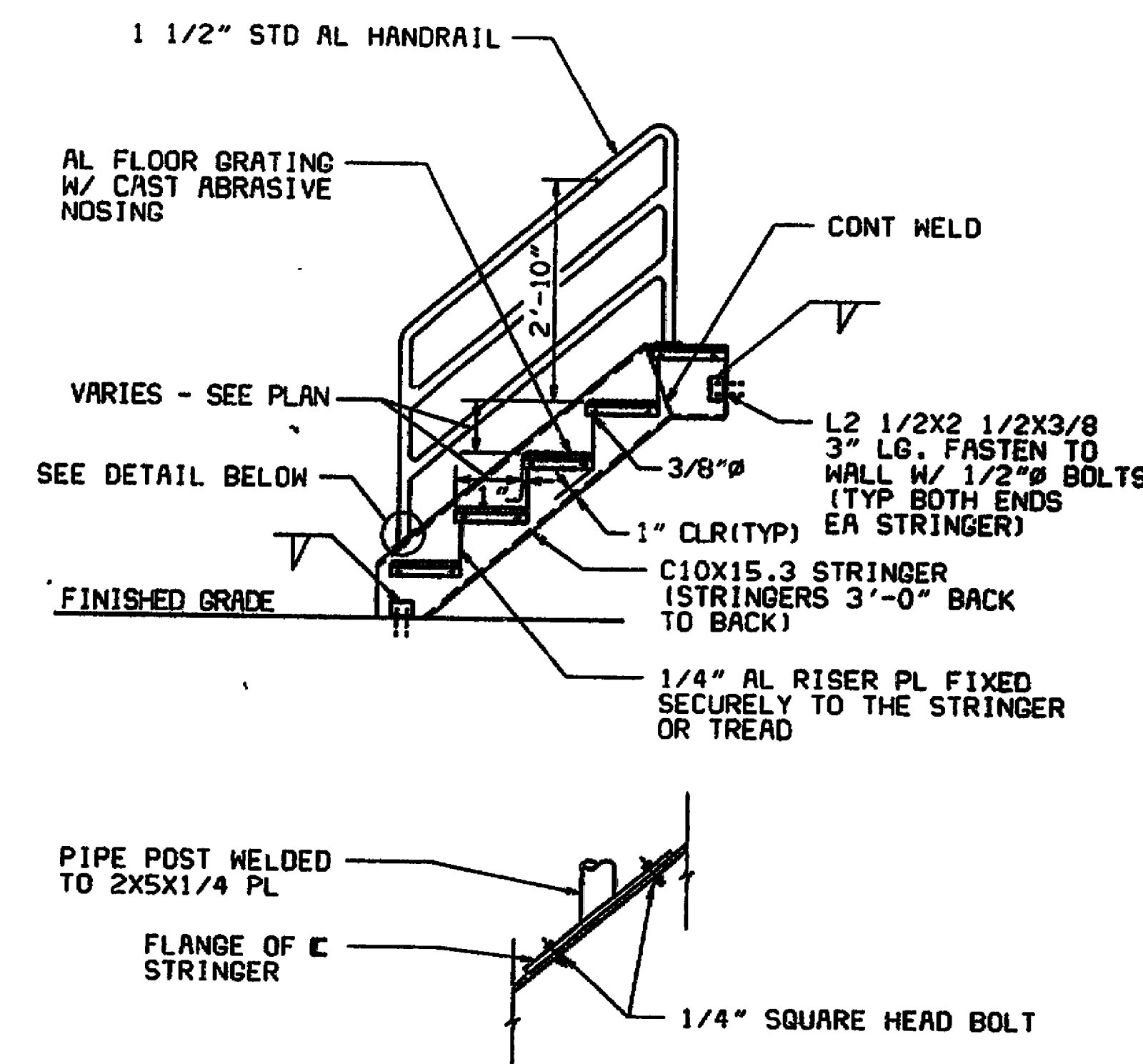
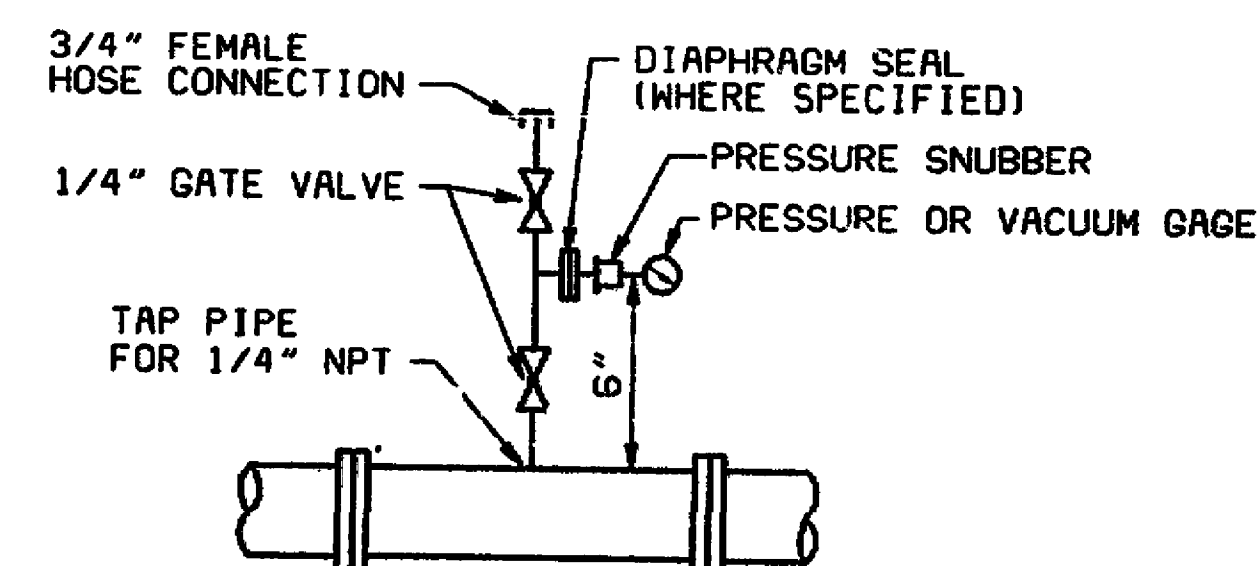
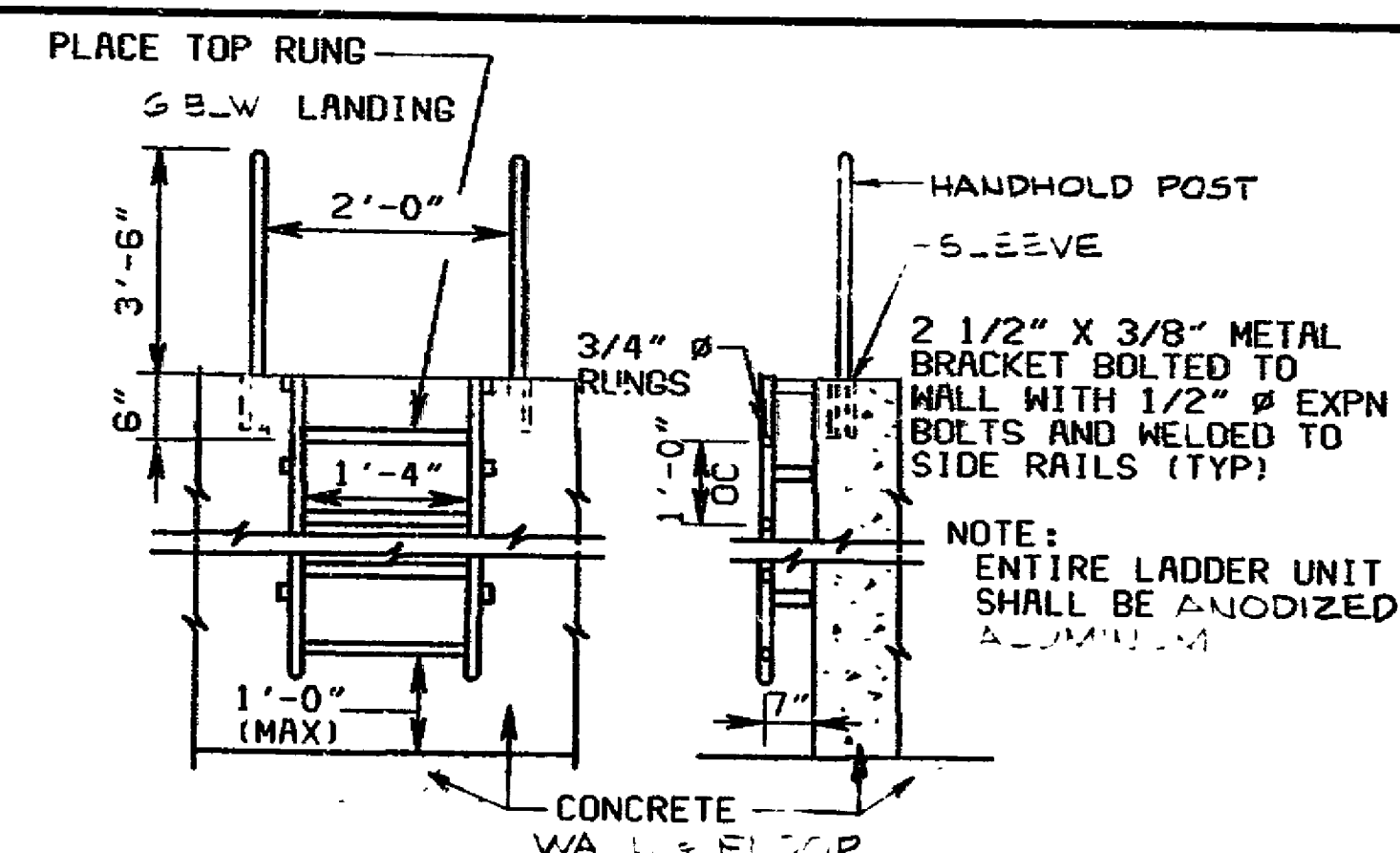
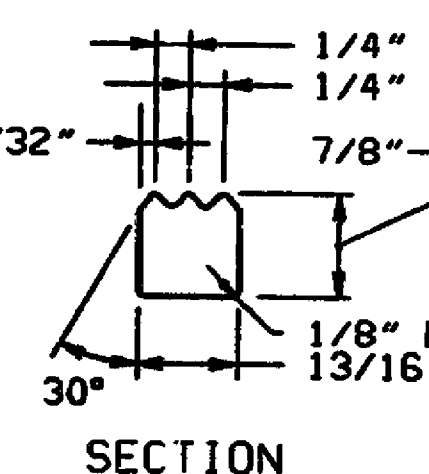


DIMENSIONS			
DIA CARRIER PIPE	DIA CASING PIPE	WALL THICKNESS CASING PIPE	C (APPROX)
8"	18"	0.250"	8 1/2"
10"	30"	0.406"	13 1/2"
18"	30"	0.406"	14 1/2"



MANHOLE STEP
NO SCALE

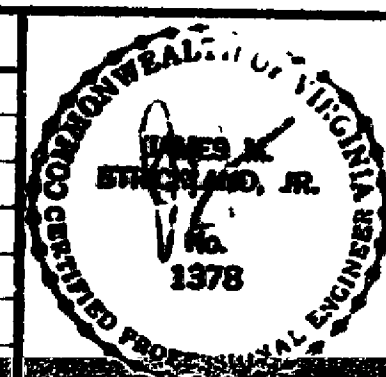
- NOTES:
1. VERT SP - 16"C/C.
 2. STEPS TO PROTRUDE 5" FROM FACE OF STRUCTURE WALL.
 3. PORTION OF AL STEP EMBEDDED IN CONC SHALL BE COATED W/ A BITUMINOUS COATING.



NOTE: SURFACES OF STEEL IN CONTACT WITH ALUMINUM SHALL BE PAINTED ONE COAT OF ZINC-CHROMATE PRIMER AND ONE COAT OF ALUMINUM PIGMENTED BITUMINOUS PAINT.

DETAILS

DESIGNED		DATE		BY		REVISIONS	
DESIGNED	MCB	DATE	1/19/88	BY	SG	DESCRIPTION	REVPER APPENDUM #2 12/87
DRAWN	JWB	DATE		BY		DESCRIPTION	
CHECKED	MM	DATE		BY		DESCRIPTION	
APPROVED	RBC	DATE		BY		DESCRIPTION	



STARKEY SEWAGE PUMP STATION, FORCE MAIN AND GRAVITY SEWER
COUNTY OF ROANOKE, VIRGINIA
11 JANUARY 1985

HAYES, SEAY, MATTHEW AND MATTHEW
ARCHITECTS, ENGINEERS, PLANNERS

SCALE	COMM. NO.	PRINTING NO.
1" = 1'-0"	4185	23