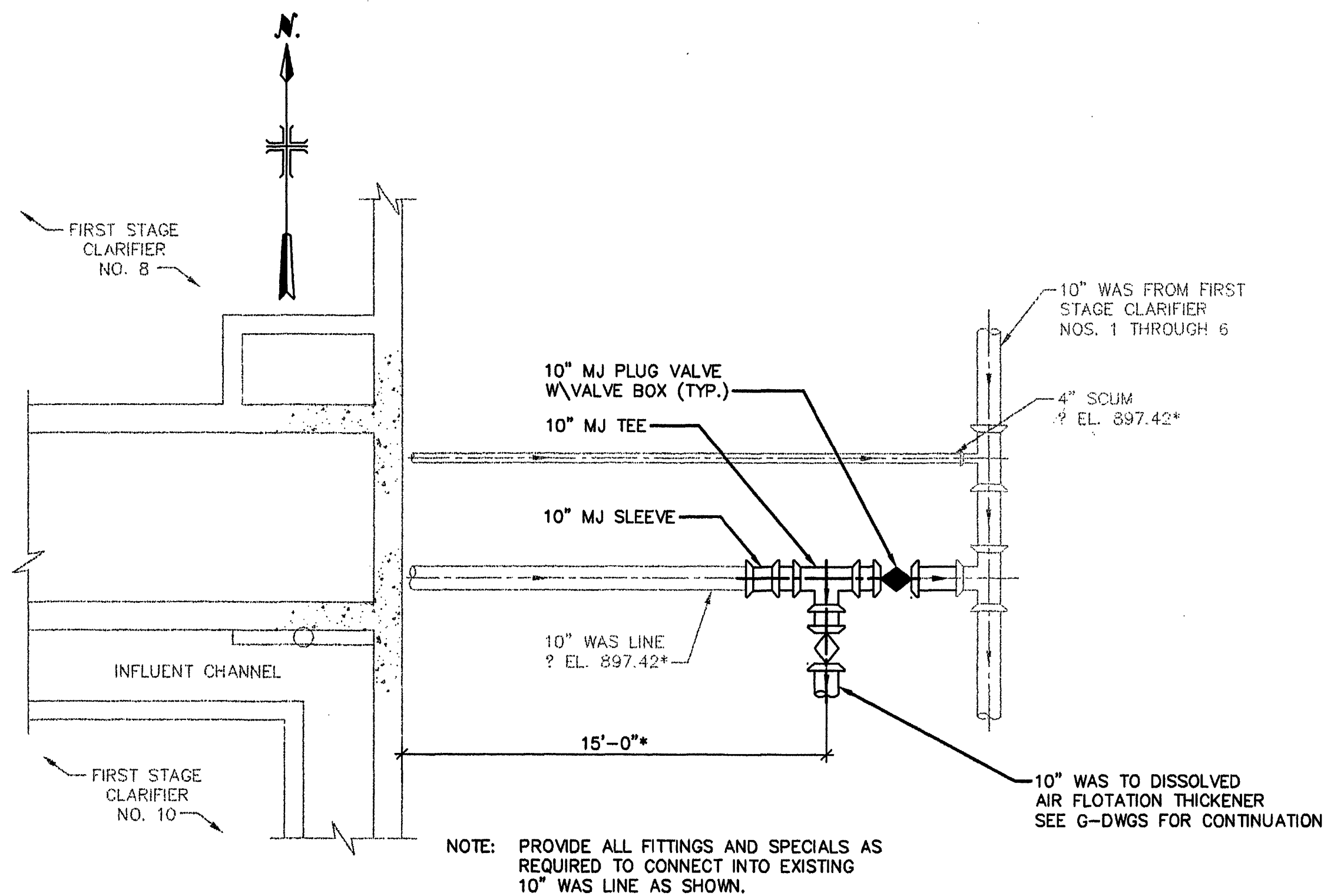
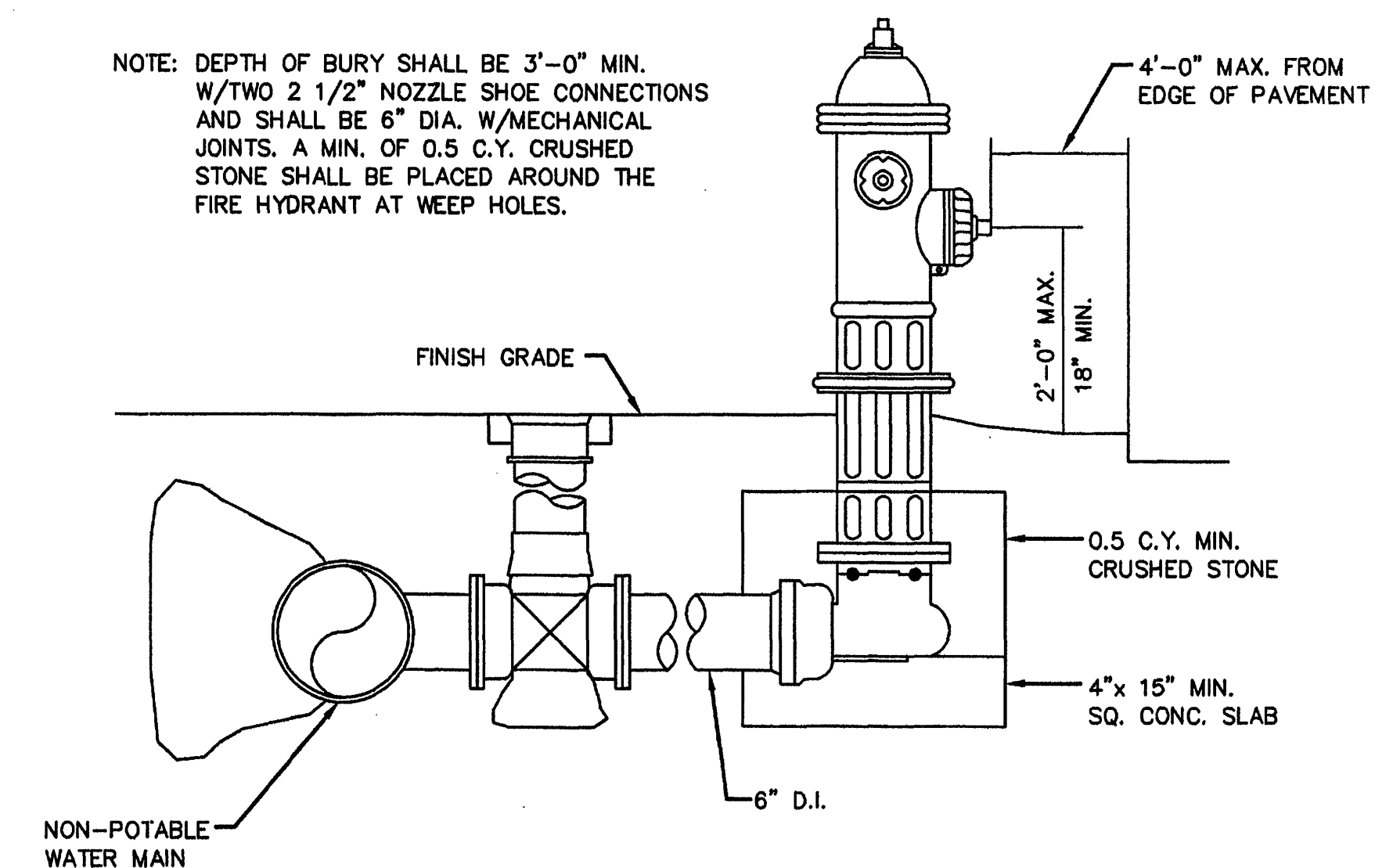
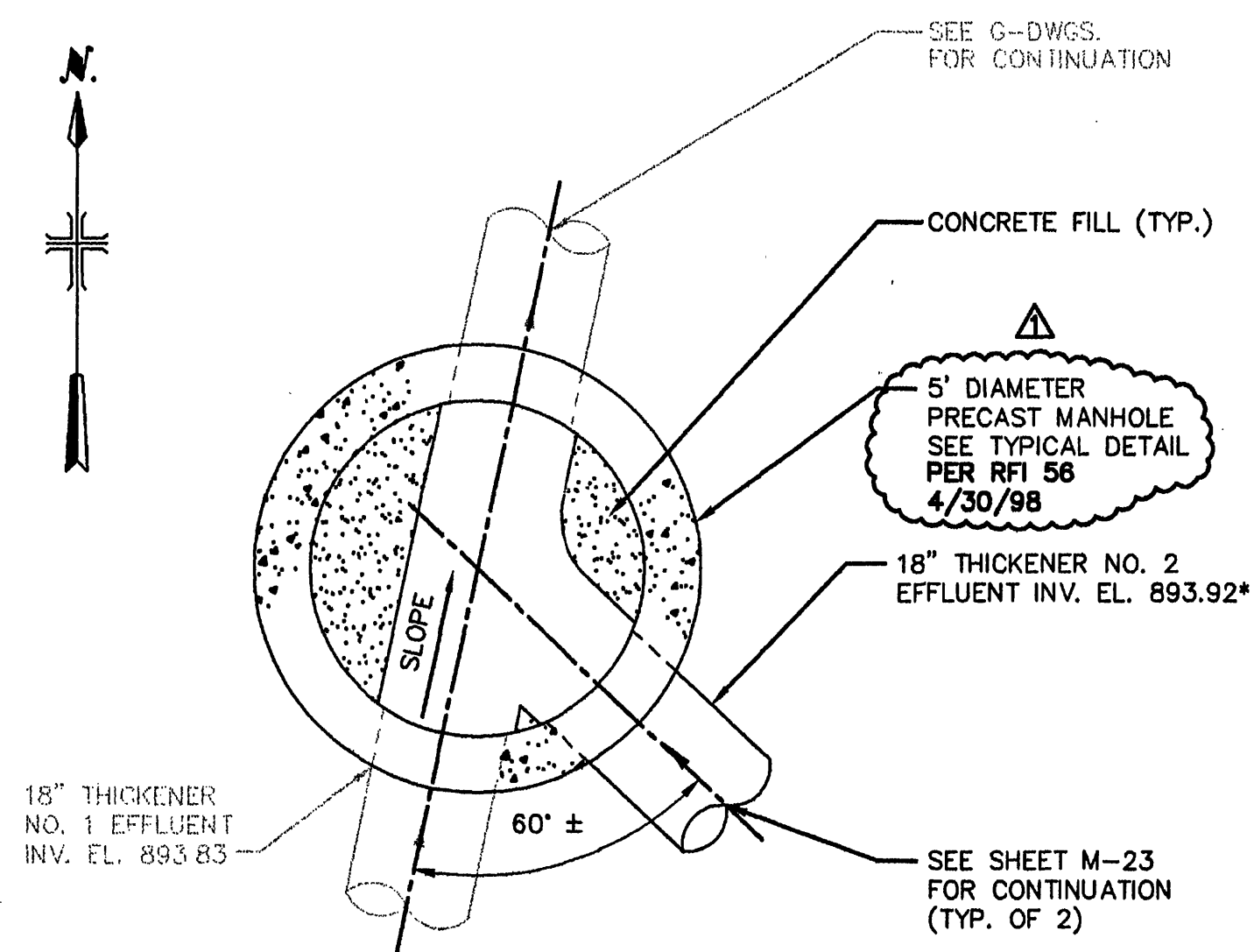




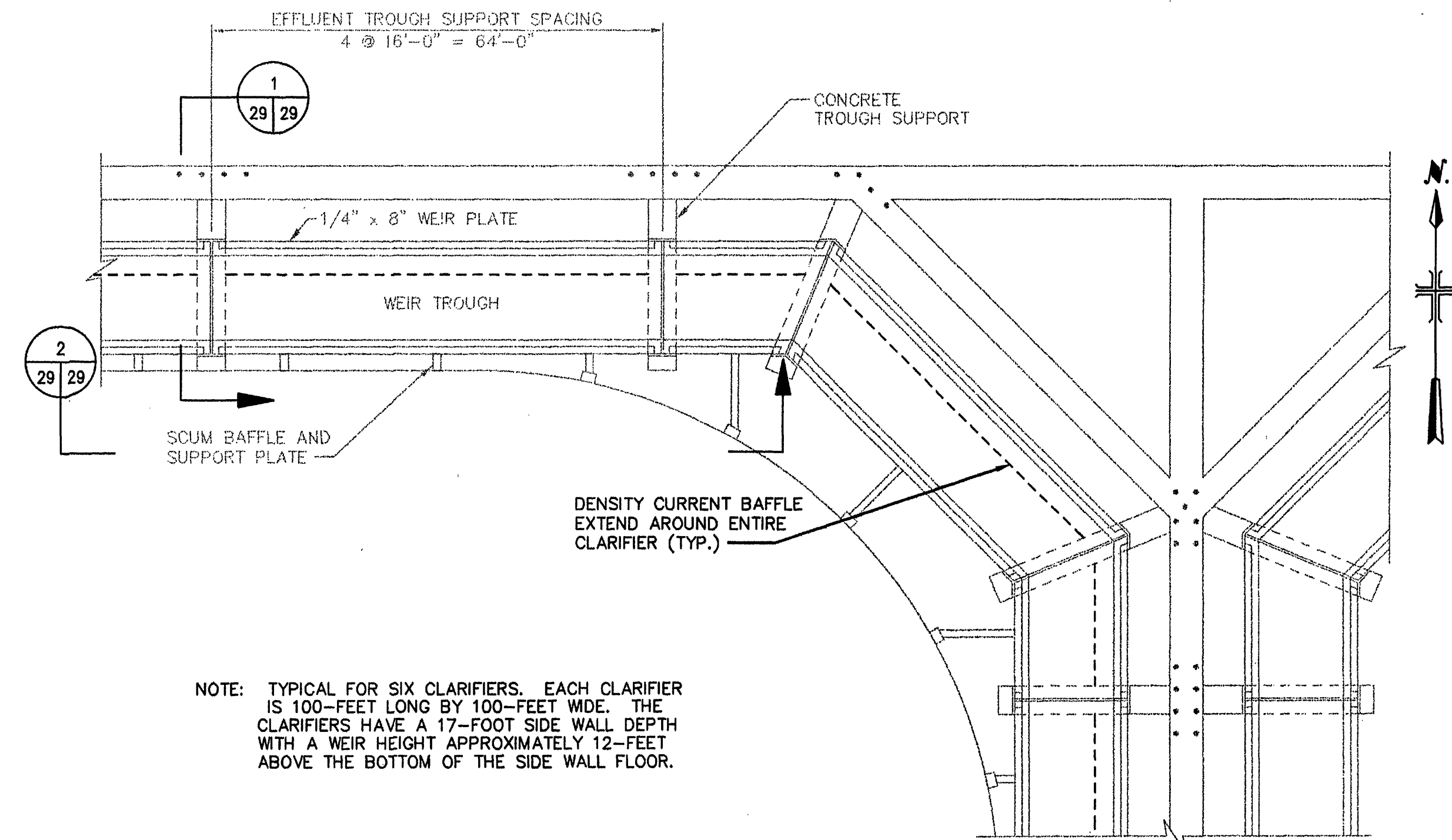
FIRST STAGE CLARIFIER WAS
PARTIAL PLAN
SCALE: 1/4" = 1'-0"



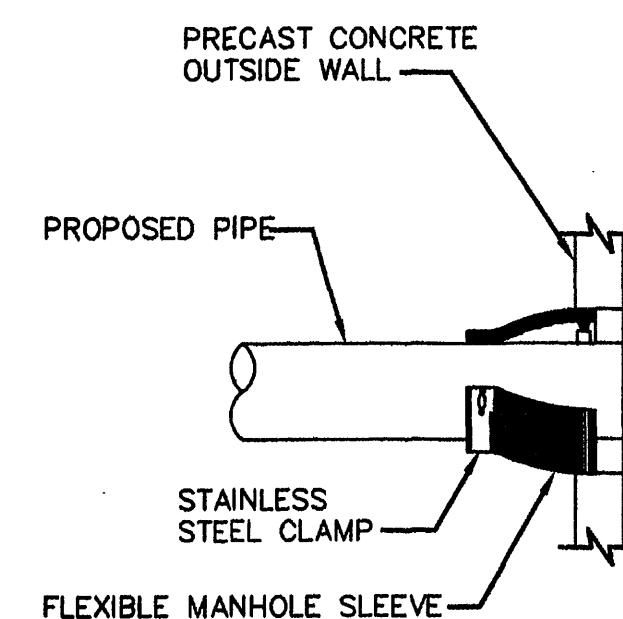
TYPICAL FIRE HYDRANT DETAIL
NOT TO SCALE



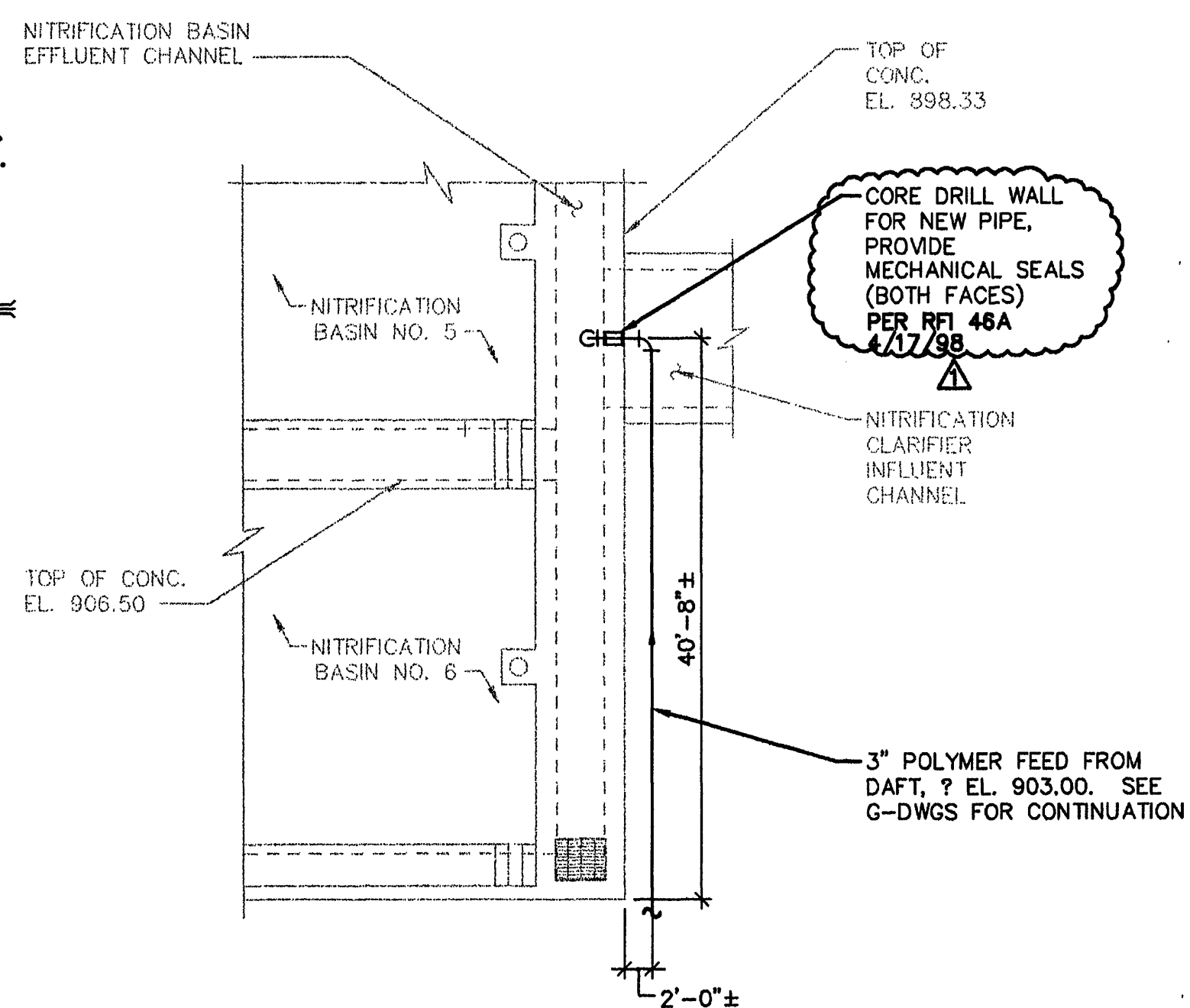
GRAVITY THICKENER
EFFLUENT MANHOLE PARTIAL PLAN
SCALE: 1/2" = 1'-0"



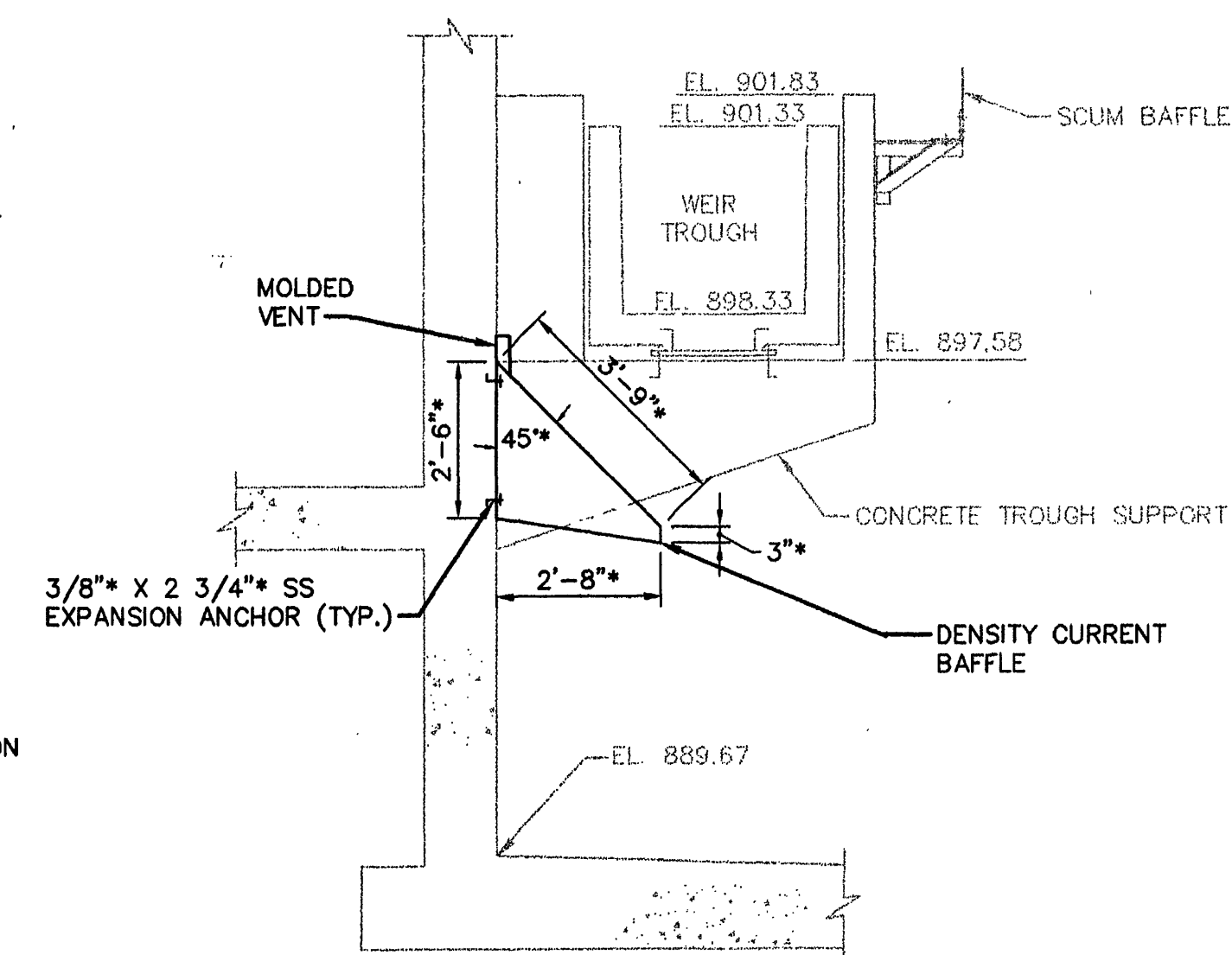
NITRIFICATION CLARIFIER EFFLUENT
TROUGH PARTIAL PLAN
SCALE: 1/4" = 1'-0"



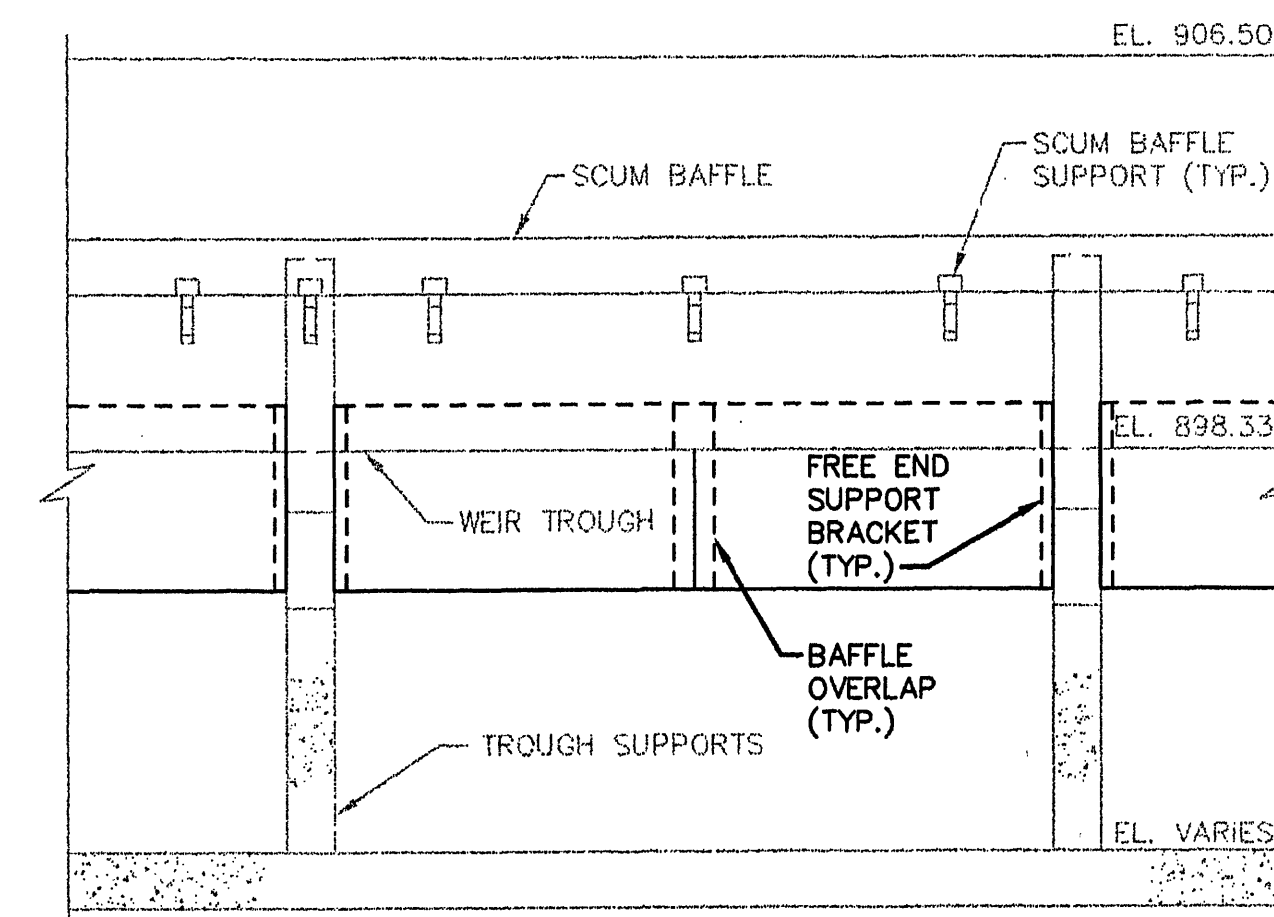
FLEXIBLE MANHOLE
CONNECTION DETAIL
NOT TO SCALE



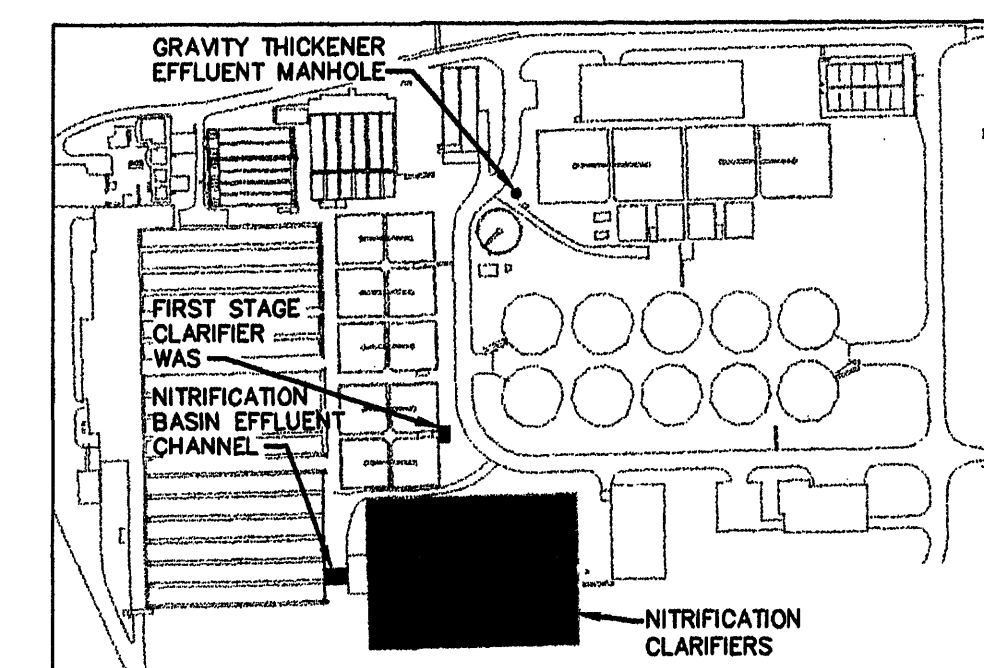
NITRIFICATION BASIN EFFLUENT
CHANNEL PARTIAL PLAN
SCALE: 3/32" = 1'-0"



SECTION 1/29/29
SCALE: 3/8" = 1'-0"



SECTION 2/29/29
SCALE: 1/4" = 1'-0"



KEY PLAN
NTS

**MALCOLM
PIRNIE**
11832 Rock Landing Drive, Suite 400
Newport News, Virginia 23606

REVISIONS				DES	DWN	CKD
NO.	BY	DATE	REMARKS			
1	ARB	JAN. 2000	RECORD DRAWING	CWM	MPK	GJJ



CITY OF ROANOKE, VIRGINIA
WATER POLLUTION
CONTROL PLANT
UPGRADE AND EXPANSION

PARTIAL PLANS AND
MISCELLANEOUS DETAILS
SCALE AS NOTED

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