

CMP WATER CONTROL STRUCTURE

TABLE SHOWING DIMENSIONS AND MATERIAL	
	Dimensions
Nominal Length (H) In Feet Of CMP Riser And Channels	
Gage Of Riser In Inches	
Gage Of Conduit In Inches	
Ø Angle In Degrees	
MATERIALS	
Number Of #4 Reinforcing Bars 4'- 6" Long	10
Weight Of #4 Reinforcing Bars In Pounds	30
Volume Of Concrete In Cubic Yards	1.0
Number Of 1/2 Inch Rods 48" Long	1.0
Number Of 2"X 6" Stop Logs (Approximate Length 48")	

NOTES:

1. The riser height shall be limited to 5 feet.
2. The conduit diameter shall be limited to 12" thru 27".
3. The corrugated metal riser with 4 feet conduit stub shall be fabricated from galvanized steel or aluminum. If fabricated from steel, any zinc coating damaged by welding shall be repaired as follow:
 - A) All loose and cracked coating shall be removed by wire brushing and all dirt and greasy material by a suitable solvent.
 - B) The damaged area shall be painted with two coats of Zinc Dust-Zinc Oxide Primer, follow by a heavy coat of Fibrated Asphalt Mastic.
4. Corrugated aluminum risers and conduits shall be separated from the reinforced concrete base by at least 2 layers of plastic tape with a total thickness of at least 24 mils or by a heavy coat of Alkali-Resistant Bituminous paint.

REFERENCE
 Project _____
 Designed _____ Date _____
 Checked _____ Date _____
 Approved _____ Date _____



STANDARD DWG. NO.
 IL-594
 SHEET 2 OF 2
 DATE 4-4-94