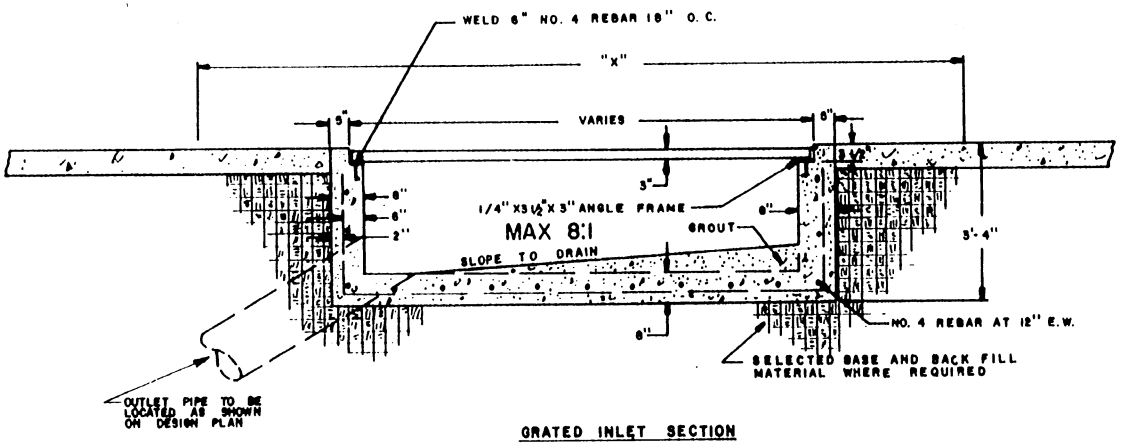
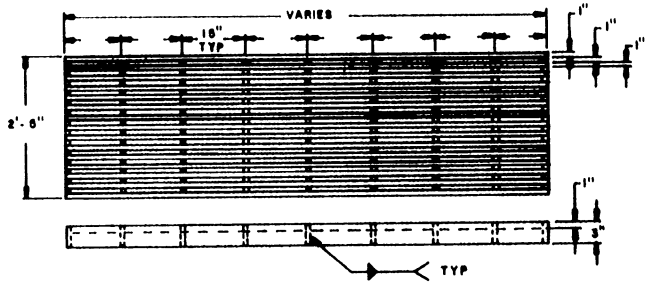
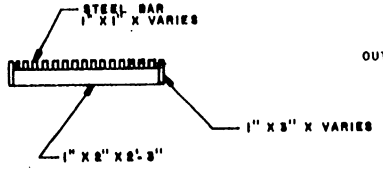


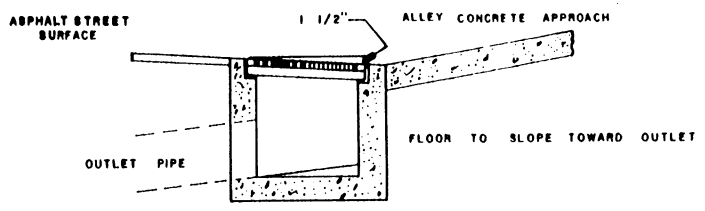
GRATED INLET SECTION

LENGTH TO BE SPECIFIED			
BOX LENGTH	5'- 10 1/2"	8'- 4 1/2"	10'- 10 1/2"
GRATE LENGTH	5'- 0"	7'- 6"	10'- 0"

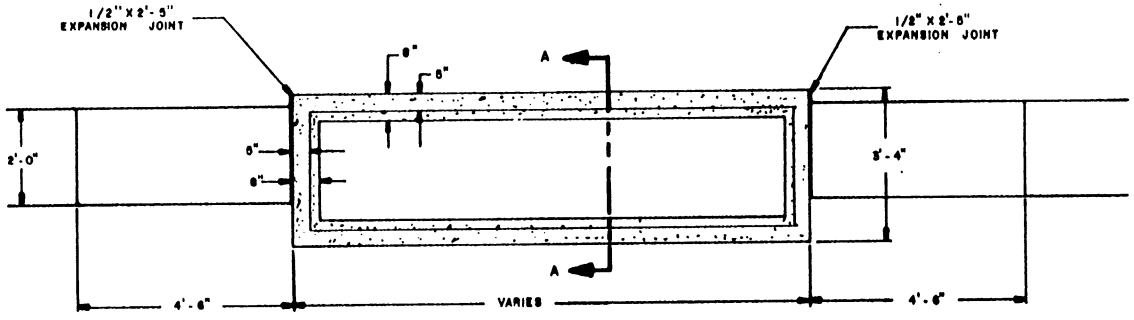


GRATE DETAIL





SECTION A-A

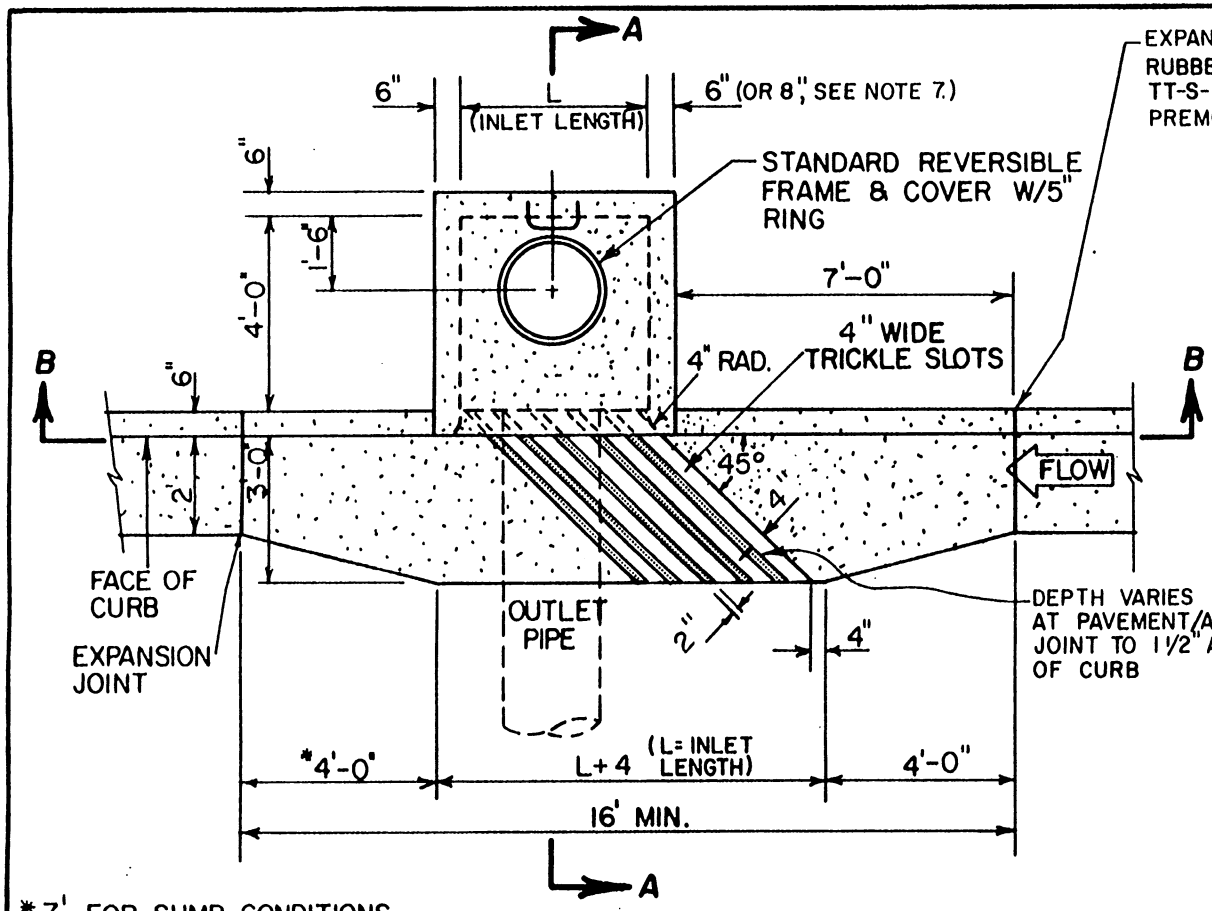


GRATED INLET CATCH BASIN
GRATE NOT SHOWN IN PLACE

NOTES

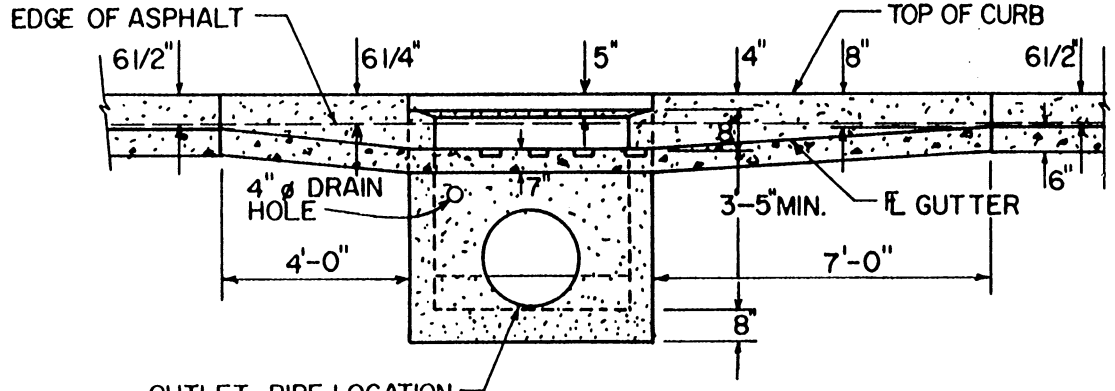
1. GRATES TO BE PAINTED TO COLORADO STATE HIGHWAY DEPTS SPECIFICATIONS FOR PAINTING STRUCTURAL STEEL.
2. "X" EQUALS BOX LENGTH PLUS 9'
3. REFER TO PLANS AND SPECIFICATIONS FOR LOCATION AND DIMENSIONS OF STRUCTURE.
4. OUTLET PIPE SHALL BE CUT OFF EVEN WITH INSIDE WALL.

CITY OF COLORADO SPRINGS			
GRATED INLET			
APPROVED BY CITY ENGINEER			
SCALE NONE	DATE DEC. 19, 1977	DRAWN BY K. CUNHA	DWG NO. D-9

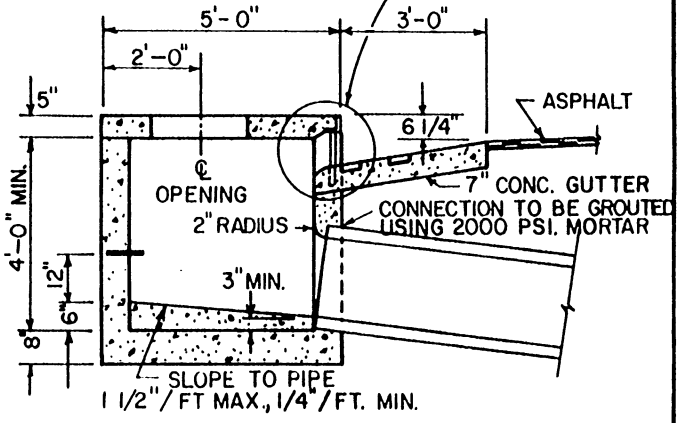


*7' FOR SUMP CONDITIONS (CENTERED ON INLET) (TRICKLE SLOTS MAY BE OMITTED FOR TRUE SUMP CONDITIONS)

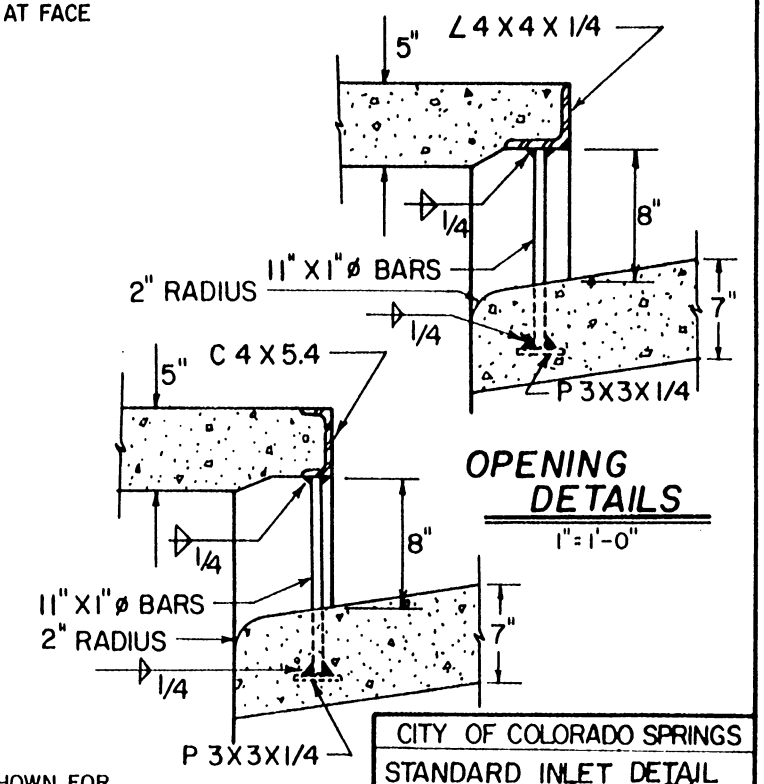
PLAN VIEW



SECTION B-B



SECTION A-A



OPENING DETAILS

1" = 1'-0"

NOTE: REINFORCING NOT SHOWN FOR CLARITY. SEE SHT. 2 OF 3 FOR REINFORCING DETAILS.

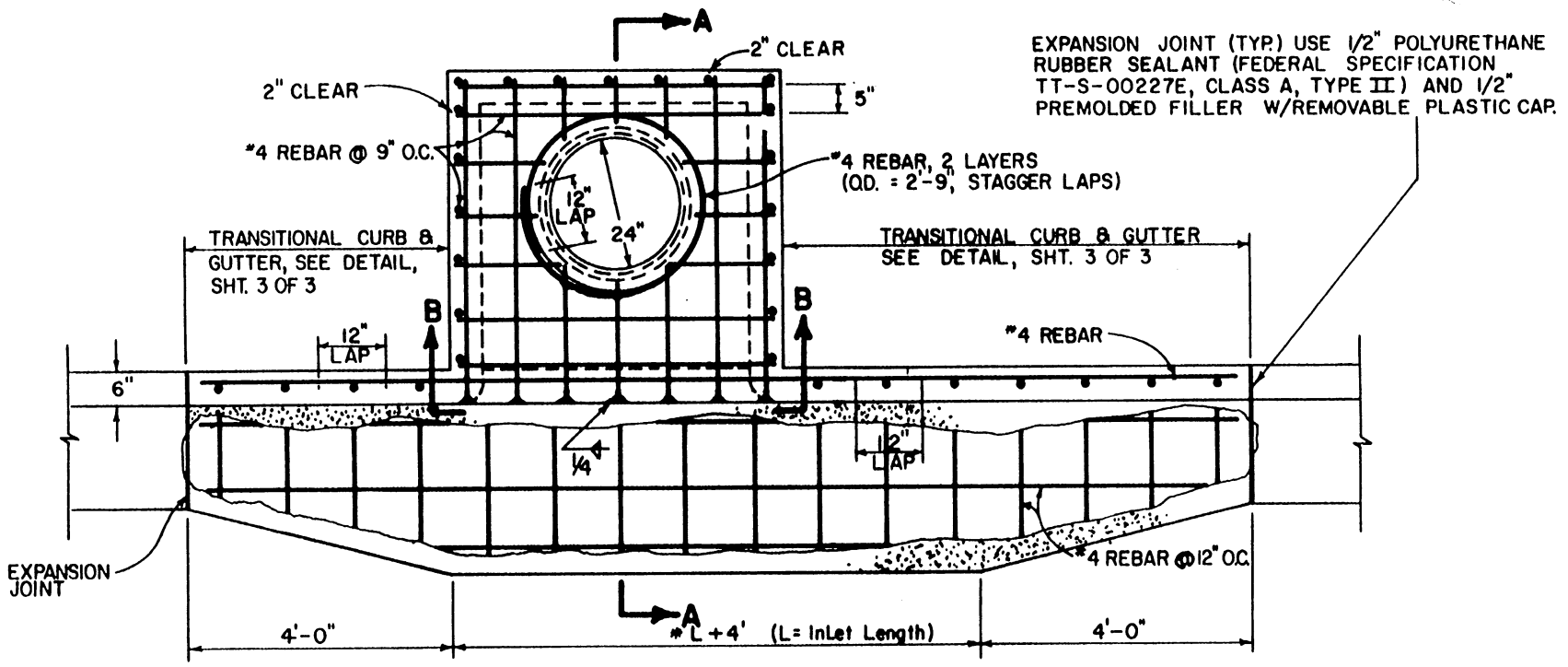
CITY OF COLORADO SPRINGS

STANDARD INLET DETAIL

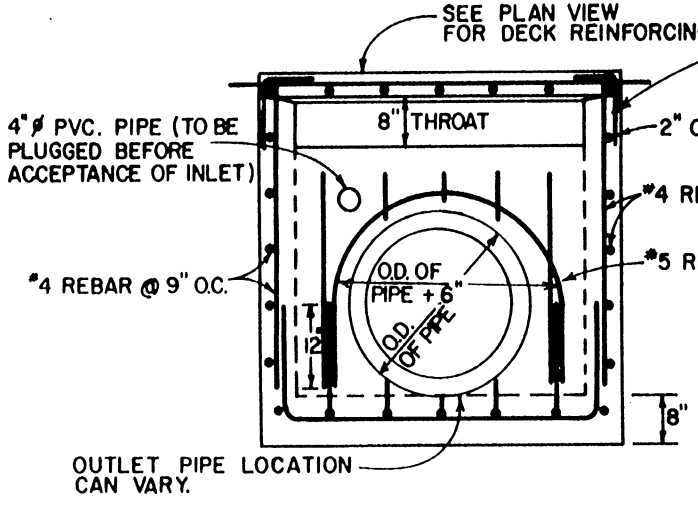
APPROVED BY: _____ CITY ENGINEER

SCALE: 1/4" = 1'-0" | DATE: 10-84 | DRW | D-10-R | SHT. 1 OF 3

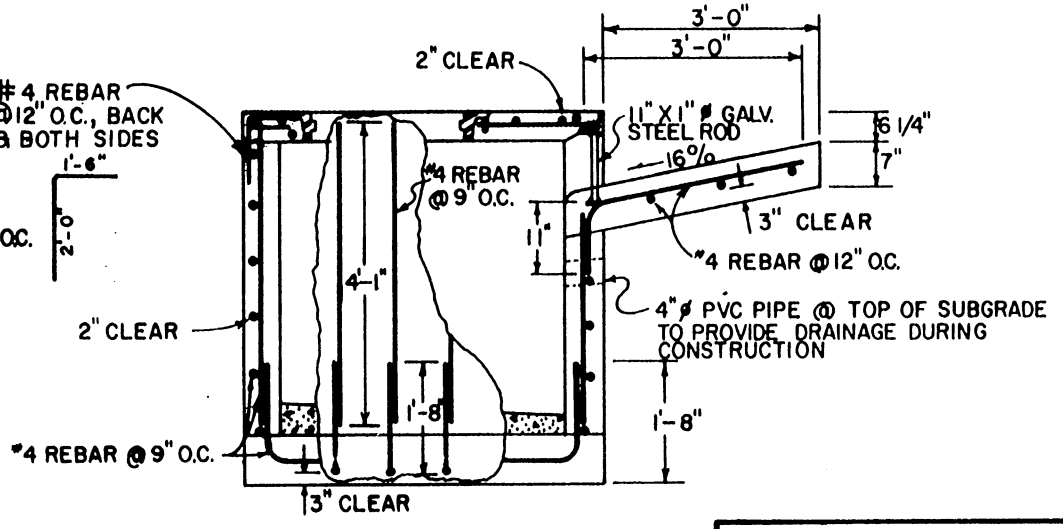
REVISED 3/93 J2 AP



PLAN VIEW



SECTION B-B



SECTION A-A

CITY OF COLORADO SPRINGS

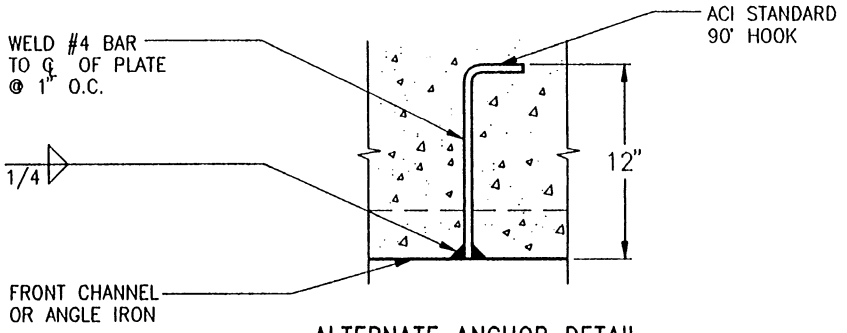
INLET REINFORCING

APPROVED BY: Gary R. Hayes
CITY ENGINEER

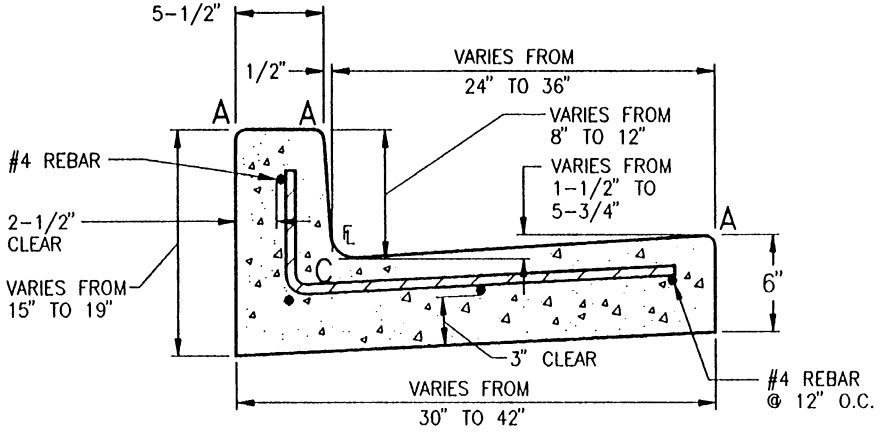
SCALE:	DATE:	DRW:	D-10-R
3/8"=1'-0"	12-84	TG	SHT. 2 OF 3

NOTES:

1. All work shall be done in accordance with the standard and supplemental specifications applicable to the project.
2. Curb face assembly shall be painted yellow. One coat of shop primer and two coats of industrial enamel.
3. Steel on curb face assembly shall be ASTM A36 and shall be free of rust and dirt.
4. Reinforcing bars shall be ASTM A615, Grade 40, billet steel (deformed) and shall be marked with bar designation, grade and mill marking.
5. Inlet or outlet pipe locations may vary within the curb inlet. Reinforcing details shown are typical.
6. Curvature of lip at gutter and side openings shall be made with curved forms.
7. Depth and length of inlet may vary. Length should vary by 2' increments. Wall thickness should increase to 8" if depth is greater than 4'. For depths greater than 8', wall thickness and reinforcing shall be approved by the City Engineering Division.
8. Floor of inlet shall be trowelled to a smooth, hard surface and shall slope towards the outlet (12.5% max., 2.0% min.).
9. Storm sewer lid/frame assembly should be located as shown along back wall of curb inlet.
10. Outlet pipe to be trimmed to final shape and set in place before curb inlet is poured.
11. When curb inlet depth is greater than 4', steps are to be installed @ 16" c/c with top step located 6" below inside cover.
12. Steps shall be cast iron or extruded aluminum, 1000 lb. capacity, 12" wide with non-skid grooves and drop front on safety noses, in accordance with approved OSHA requirements.
13. Top deck slab shall have a min. 1/4" per foot slope toward the street.
14. If curb face opening is greater than 4', vertical support bars will be required at 3' intervals.
15. Top of curb inlet to be constructed to match curb and gutter design grades at each location.
16. Minimum concrete strength = 4000 PSI at 28 days, unless otherwise approved, and shall contain ASTM C150, Type IA or IIA cement.
17. All reinforcing bars shall have a minimum 1-1/2" clear, except as noted.
18. Weld reinforcing to steel on curb face assembly, or use alternate anchor detail.
19. Pre-cast curb inlets will be accepted upon annual approval of shop drawings.
20. When pre-cast curb inlets are used, they must be bedded in a minimum 6" layer of minus 3/8" clean gravel.



ALTERNATE ANCHOR DETAIL
NO SCALE



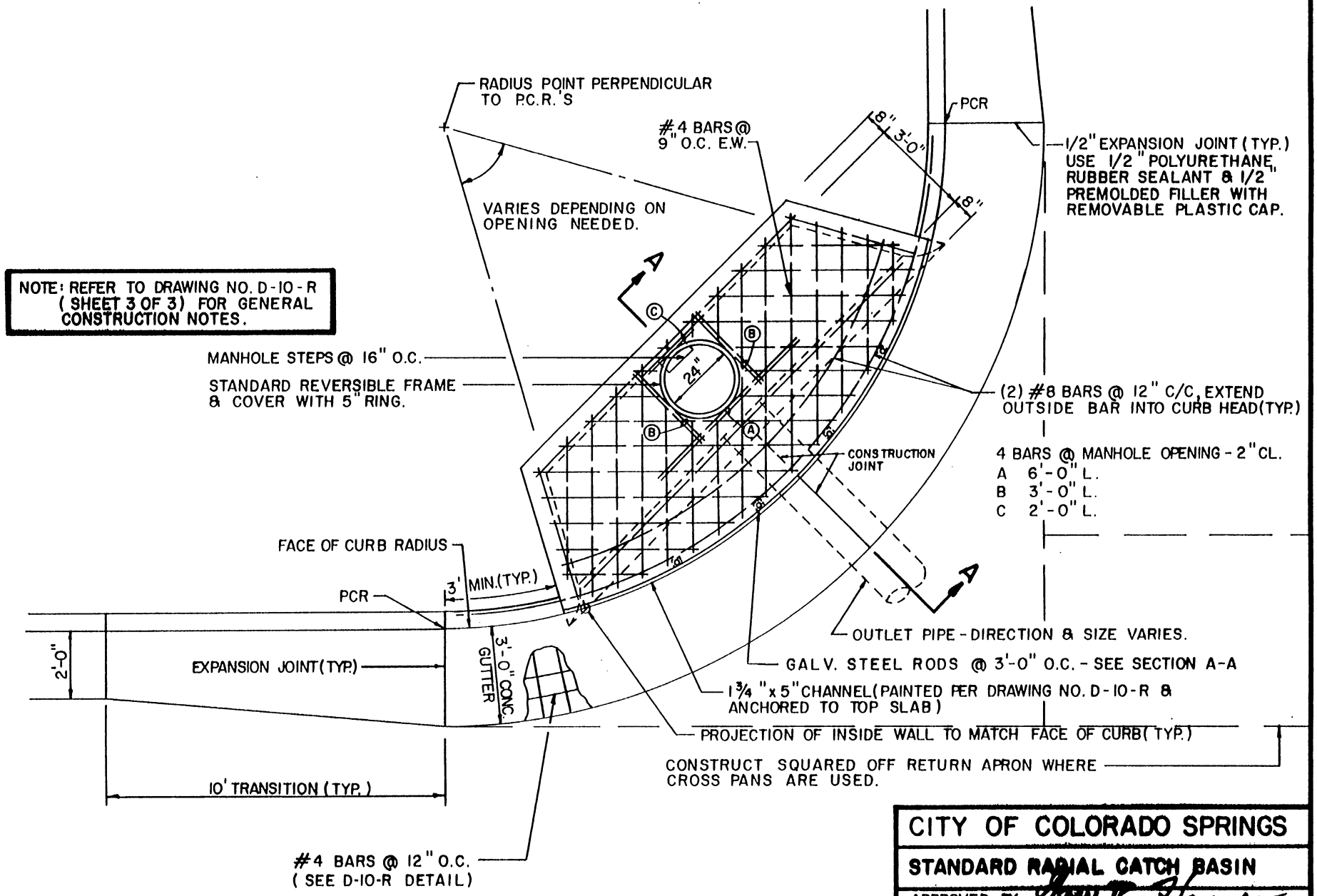
TRANSITIONAL CURB AND GUTTER
SCALE: 1" = 1'-0"

LENGTH FOR RADII
A = 1/2"
C = 1-1/2"

CITY OF COLORADO SPRINGS

Inlet Details and Notes

Approved by: Gary R. Haynes City Engineer
Drawn by: KLM
Date: 04/94
STD. D-10-R
SHEET 3 OF 3

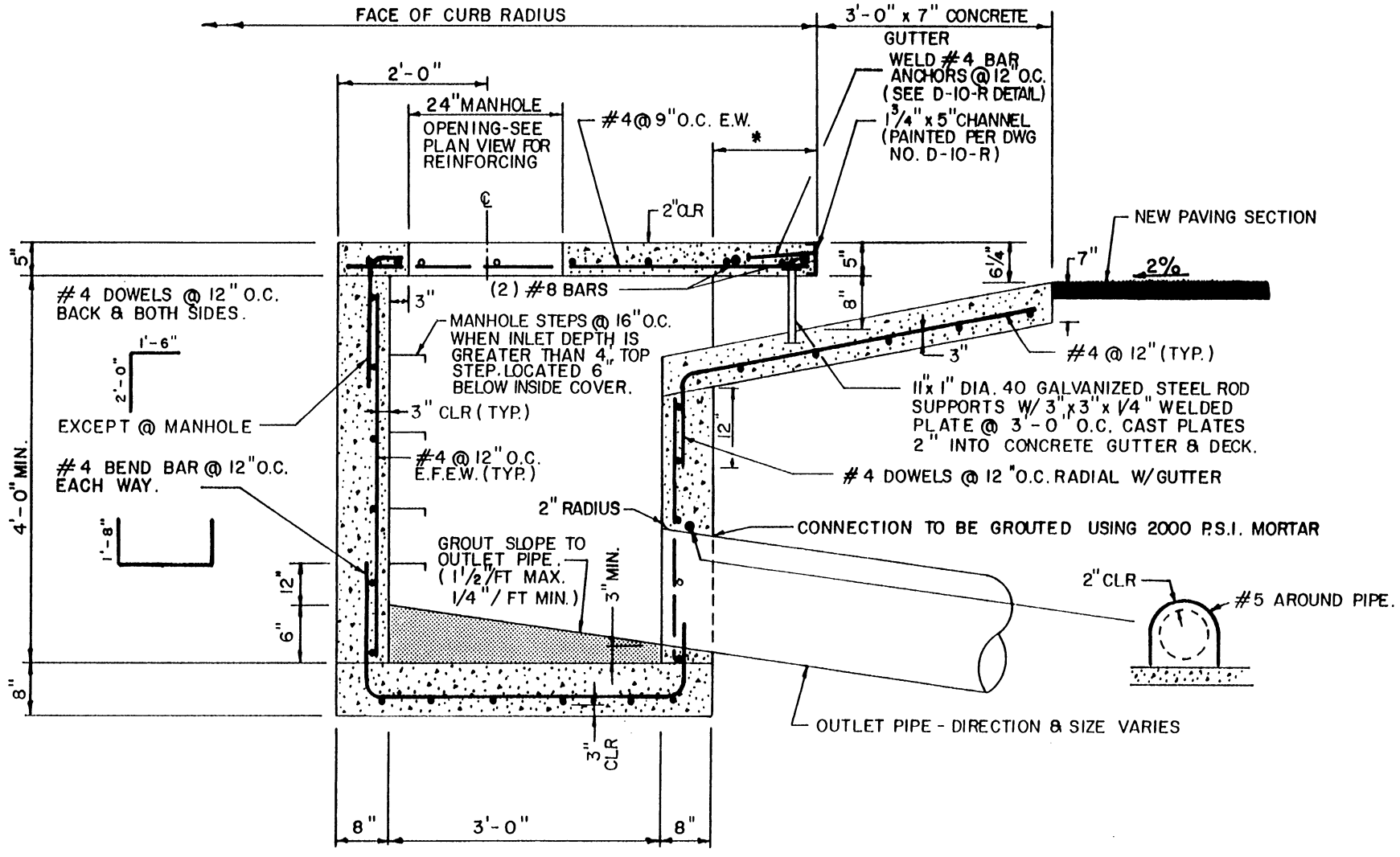


CITY OF COLORADO SPRINGS

STANDARD RADIAL CATCH BASIN

APPROVED BY _____ CITY ENGINEER

SCALE:	DATE:	DRAWN:	SHEET: D-11A
NO SCALE	MAR. 89	P.L.B.	1 OF 2



* DIMENSION VARIES FROM 0" TO MAX. @ MIDPOINT OF CURB RADIUS.

SECTION A-A

CITY OF COLORADO SPRINGS			
STANDARD RADIAL CATCH BASIN			
APPROVED BY Roy R. Hayes CITY ENGINEER			
SCALE: NO SCALE	DATE: MAR. 89	DRAWN: P.L.B.	SHEET: D-11 B 2 OF 2