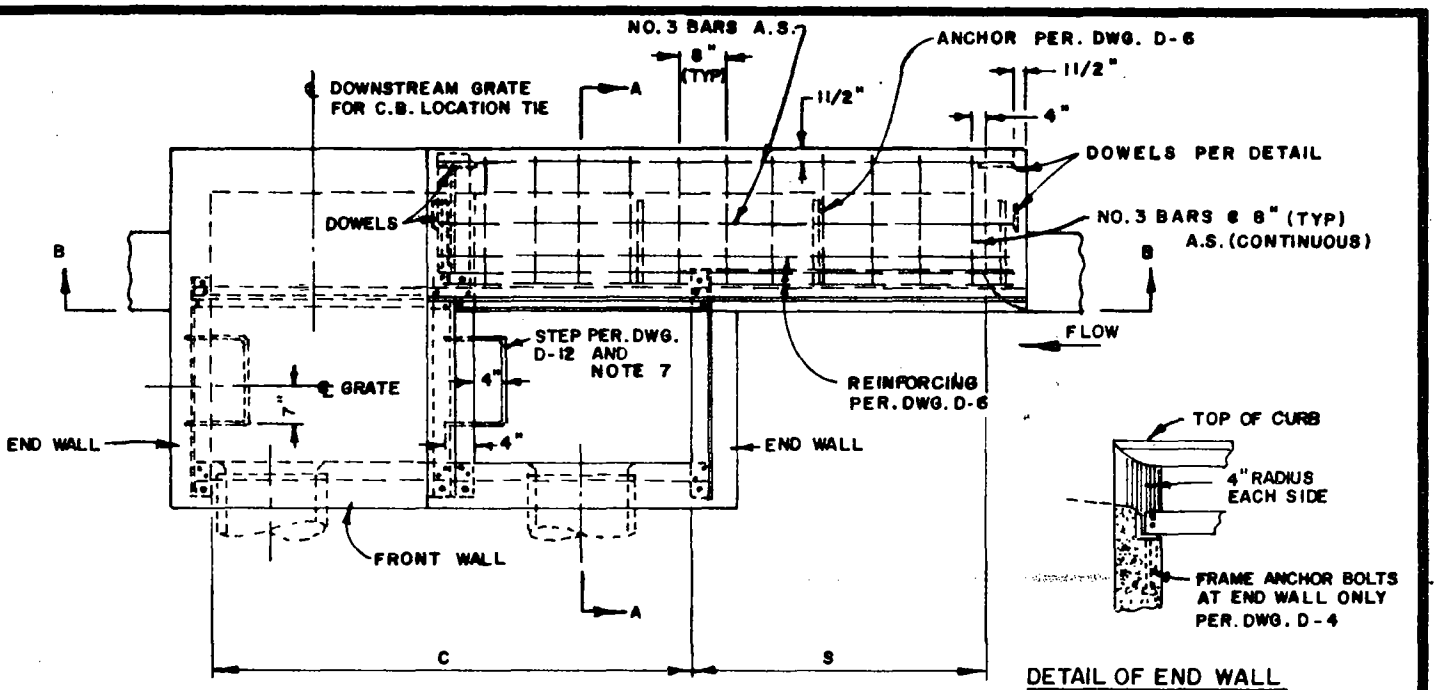
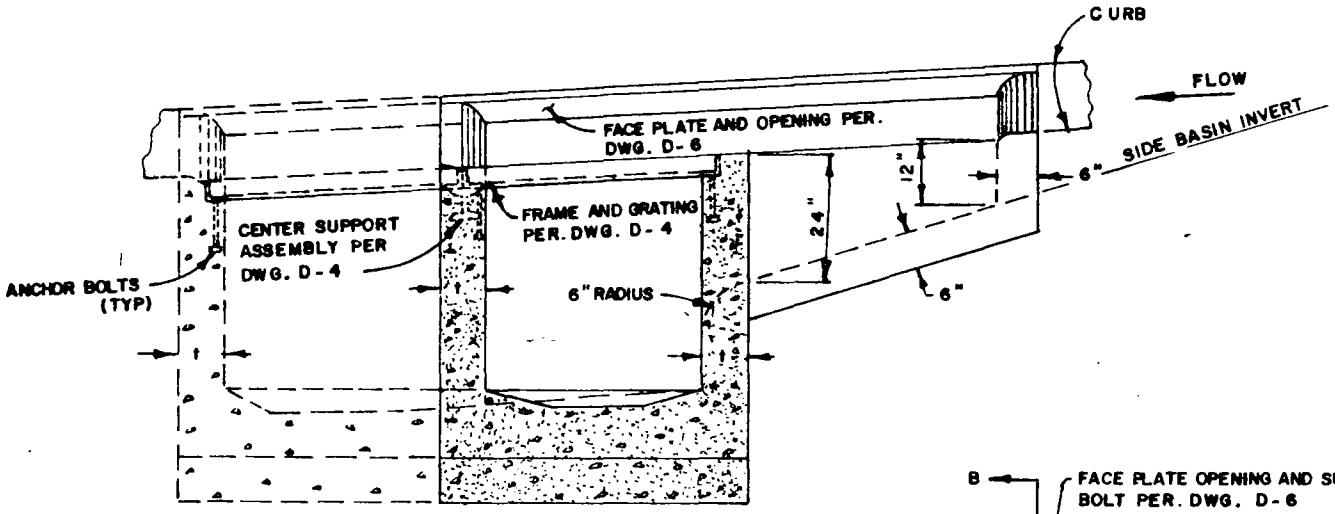
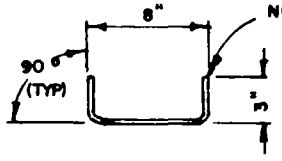


STRUCTURAL PLAN

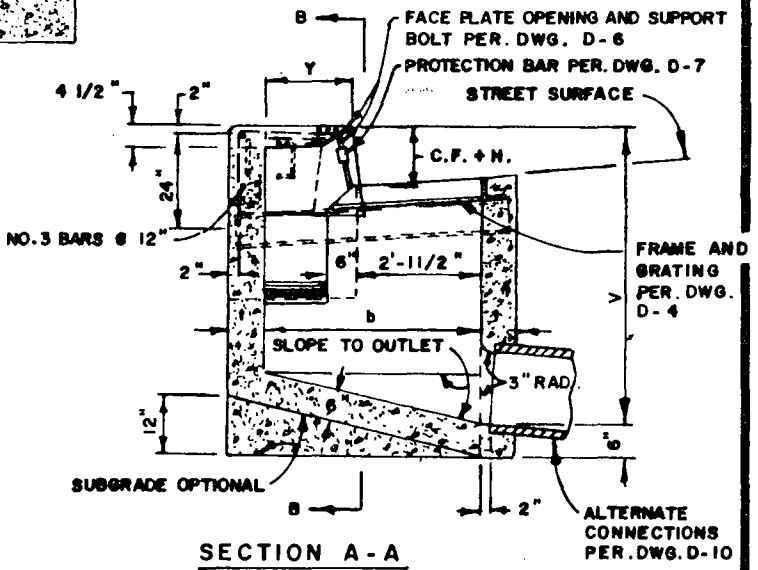
DETAIL OF END WALL



SECTION B-B



DETAIL OF DOWEL



SECTION A-A

A.J.D. DATE 6-29-78	CATCH BASIN NO. 4	SCALE NONE
CITY ENGINEER	ENGINEERING DEPARTMENT CITY OF PALM DESERT	STD. DRAWING NO. D-35

DATAPRINT N41420

NOTES

1. LOCATE CONNECTOR PIPE AT THE DOWNSTREAM END OF THE BASIN UNLESS SPECIFICALLY NOTED OTHERWISE ON THE GENERAL PLAN. PIPE SHALL BE TRIMMED TO THE FINAL SHAPE AND LENGTH BEFORE THE PLACEMENT OF CONCRETE.
2. FLOOR OF THE BASIN SHALL SLOPE FROM ALL WALLS TO THE OUTLET AND SHALL BE GIVEN A STEEL-TROWELED SURFACE FINISH. STREET-SIDE WALLS OF THE BASIN SHALL BE POURED TO THE ELEVATION OF THE ADJACENT LOCAL DEPRESSION OR STREET SURFACE. CURVATURE OF THE SILL AND SIDE WALL AT THE GUTTER OPENING SHALL BE FORMED BY CURVED FORMS, AND ALL EXPOSED EDGES, OR CORNERS, AND CONCRETE TO METAL FRAME EDGES SHALL BE GIVEN 1/4" RADIUS EDGER FINISH. SURFACE OF ALL EXPOSED CONCRETE SHALL CONFORM IN GRADE, SLOPE, COLOR AND FINISH TO THE EXISTING, OR PROPOSED, CURB AND WALK ADJACENT TO THE BASIN.
3. ALL CONCRETE SHALL BE 560-C-3250.
4. TOP SLAB REINFORCEMENT AS SHOWN ON THE STRUCTURAL PLAN. WALL AND FLOOR REINFORCEMENT PER. STANDARD DRAWING NO. D-5. REINFORCEMENT IN FRONT WALL, END WALLS AND FLOOR SHALL BE PER GRATING BASIN REINFORCEMENT WITH BASIN OPENING = C. REINFORCEMENT IN BACK WALL AND SWEEPER SHALL BE PER. CURB OPENING BASIN WITH BASIN OPENING = W AND S, RESPECTIVELY.
5. ONE GRATING REQUIRED UNLESS OTHERWISE SHOWN ON THE GENERAL PLAN. POSITION GRATING AND SUPPORT ASSEMBLY AS REQUIRED BY STANDARD DRAWING NO. D-21 AND D-22.
6. CURB FACE DIMENSION AT THE CATCH BASIN OPENING (EXIST. C.F. + H.) SHALL BE AS SHOWN ON THE GENERAL PLAN.
   b = 4'-6", OR AS SHOWN ON THE GENERAL PLAN.
   H = 0" WHEN NO LOCAL DEPRESSION IS USED.
   C = 2'-11 3/8" FOR ONE GRATING, ADD 3'-5 3/8" FOR EACH ADDITIONAL GRATING.
   t = 6" IF V = 5'-0" OR LESS.
   t = 8" IF V = 5'-1" OR MORE.
   V = 4'-6" OR AS SHOWN ON THE GENERAL PLAN TO 3'-4" MINIMUM.
   S = 4'-0", CASE 1.
   S = 11'-0", CASE 2.
   W = C + S
   Y = VARIABLE TO 2'-4", MAXIMUM.
   LOCAL DEPRESSION PER DRAWING D-33 AND D-34.
7. PLACE ONE STEP 12" ABOVE THE FLOOR OF THE BASIN WHEN V = 3'-0" OR LESS. PLACE STEPS AT 12" INTERVALS FROM THE FLOOR OF THE BASIN WITH THE TOP STEP AT 12" MINIMUM BELOW THE TOP OF THE GRATE WHEN V = 3'-0" OR MORE. CONSTRUCT STEPS ON FRONT WALL WHEN CONNECTOR PIPE IS ALIGNED TO DOWNSTREAM END WALL.
8. CATCH BASIN LOCAL DEPRESSION SHALL BE CASE 1 PER DRAWING D-33 AND D-34 UNLESS OTHERWISE SHOWN ON THE GENERAL PLAN.

A.J.D. DATE 7-3-78	CATCH BASIN NO. 4	SCALE NONE
CITY ENGINEER	ENGINEERING DEPARTMENT CITY OF PALM DESERT	STD. DRAWING NO. D-36

DATAPRINT N41420