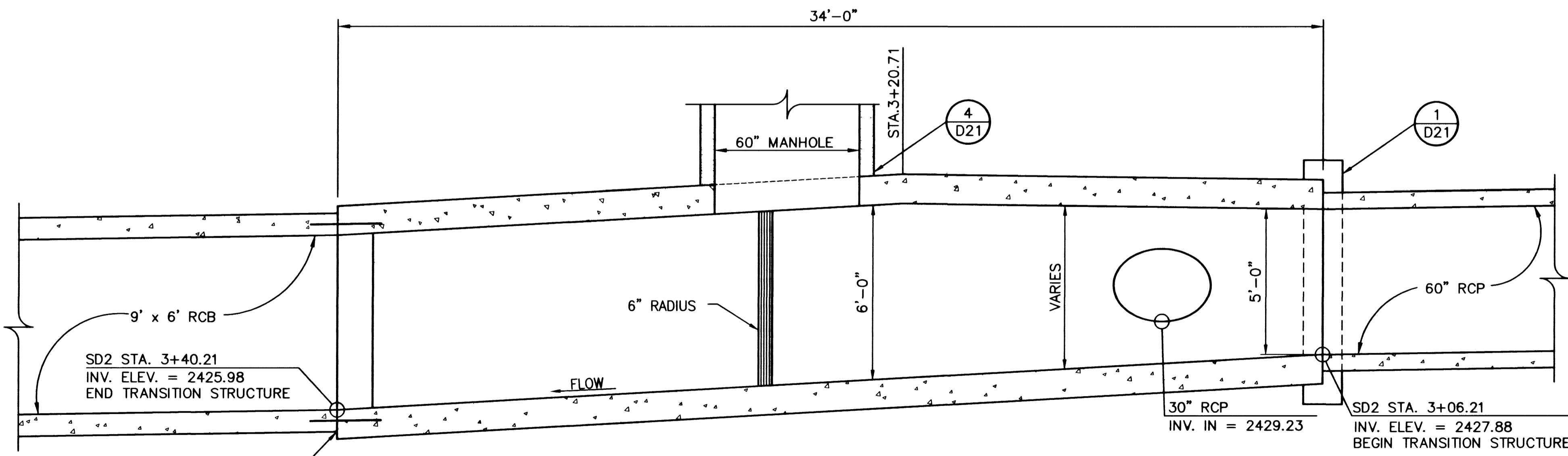


**PLAN VIEW**

3/8" = 1'-0"

**SECTION**

3/4" = 1'-0"

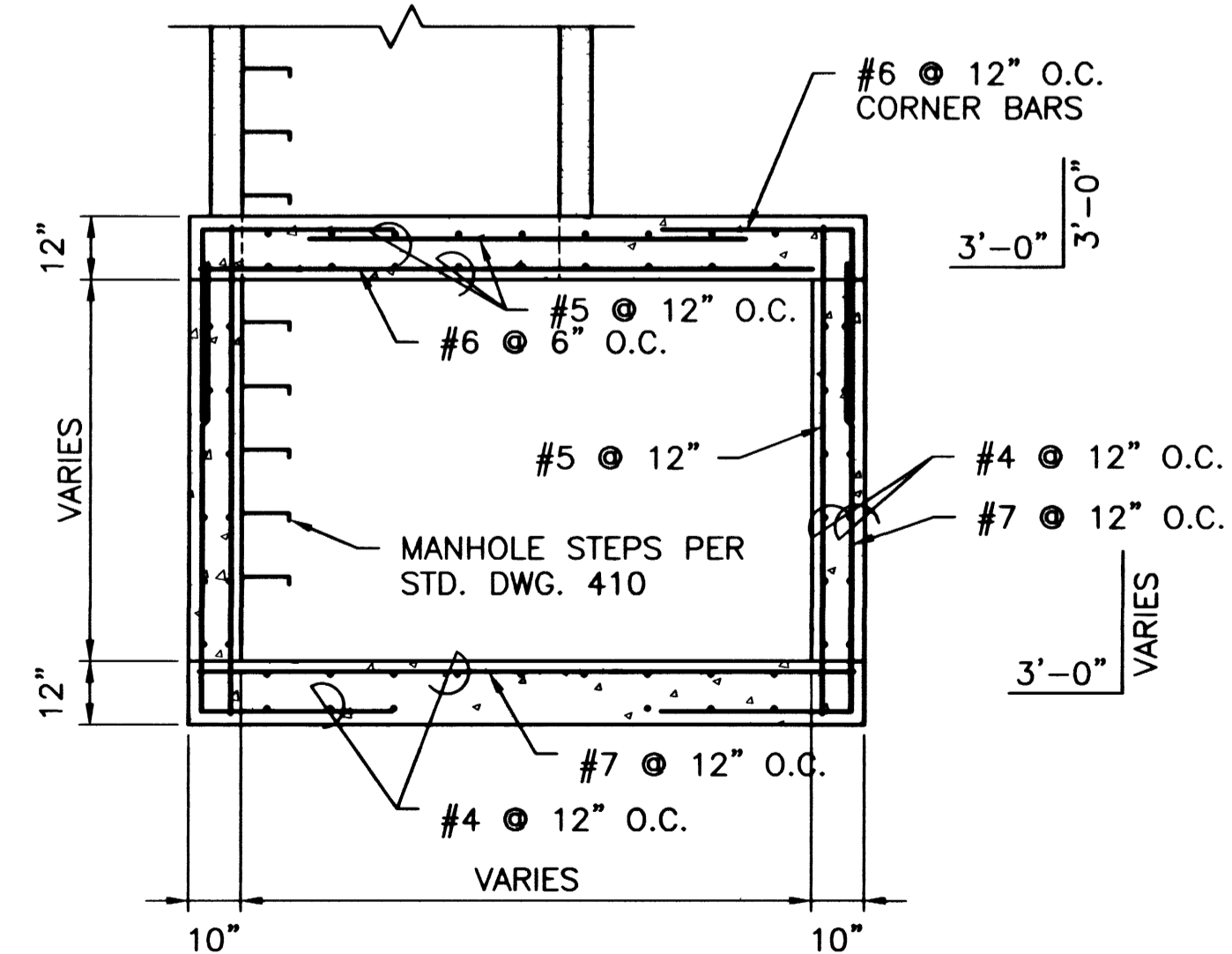


**SECTION**

3/8" = 1'-0"

**GENERAL STRUCTURAL NOTES**

- DESIGN CRITERIA: ACI 318-95, AASHTO "STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, 15TH EDITION"
- DESIGN LIVE LOAD IS AASHTO HS20-44 TRUCK LOADING.
- PORTLAND CEMENT SHALL CONFORM TO A.S.T.M. C-150, TYPE V AGGREGATE SHALL CONFORM TO A.S.T.M. C-33
- ALL STRUCTURAL CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS.
- ALL REINFORCEMENT STEEL SHALL BE ASTM DESIGNATION A615 GRADE 60.
- COVERAGE FOR REINFORCING BARS, EXCEPT WHERE OTHERWISE SHOWN, SHALL BE: 3" FOR CONCRETE PLACED AGAINST EARTH; 2" FOR OTHERS.
- USE 3/4" CHAMFER ON ALL EXPOSED CORNERS.
- ALL REINFORCING BAR LAP SPLICES SHALL CONFORM TO ACI 318-95.



**SECTION**

3/8" = 1'-0"

NOTE: REINFORCEMENT SHOWN IS TYPICAL FOR ALL WALLS & SLABS

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REVISION

NO.	DATE	BY

DEPARTMENT OF PUBLIC WORKS  
CITY OF LAS VEGAS

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**R2H-CR&L ENGINEERING**  
 CONSULTING ENGINEERS & PLANNERS & LAND SURVEYORS  
 2770 W. WASHINGTON BLVD., SUITE 300  
 LAS VEGAS, NEVADA 89102  
 PHONE (702) 735-1100 FAX (702) 735-1100

**STRUCTURAL DETAILS**  
**JUNCTION STRUCTURE**  
 SD2 STA. 3+06.21 TO 3+40.21  
 PROJECT  
**DURANGO DRIVE IMPROVEMENTS**  
 CHEYENNE AVENUE TO LONE MOUNTAIN ROAD

PROFESSIONAL ENGINEER-STATE OF NEVADA  
 DAVID W. SEELEY  
 No. 11751  
 7/9/98

WO NO. 5249  
 BY WSW  
 DATE 7/17/98  
 SCALE HORIZ. VERT.  
 DRAWING SHEET 14 OF 106 SHEETS  
**D8**