

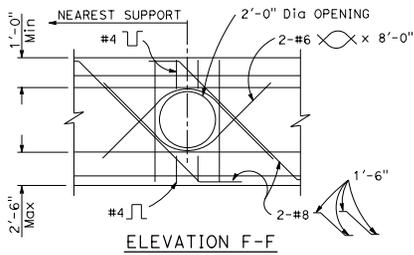
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

Peter W. Norbo
REGISTERED CIVIL ENGINEER

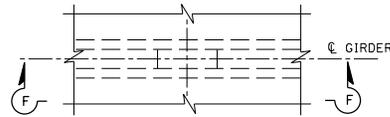
July 15, 2016
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

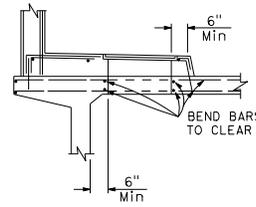
REGISTERED PROFESSIONAL ENGINEER
Peter W. Norbo
No. C57519
Exp. 12-31-17
CIVIL
STATE OF CALIFORNIA



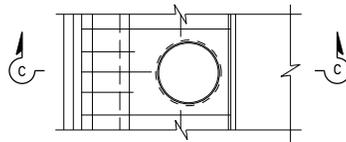
ELEVATION F-F



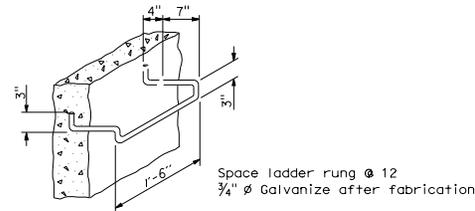
PART PLAN
GIRDER STEM ACCESS OPENING
DETAIL U41



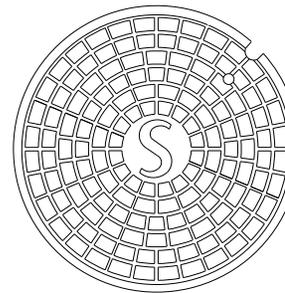
SECTION C-C



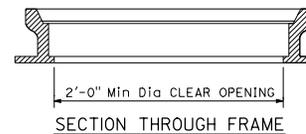
PART PLAN
SIDEWALK ACCESS OPENING
DETAIL U42



BAR STEP
LADDER RUNG DETAILS
DETAIL U44



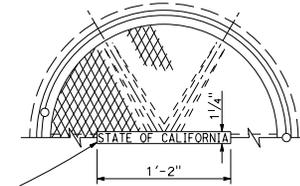
TOP OF MANHOLE COVER



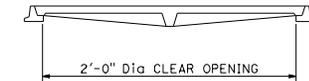
SECTION THROUGH FRAME
NON-ROCKING MANHOLE FRAME & COVER
FOR DECKS
DETAIL U45

NOTES:

- Step inserts may be substituted for the standard step detail. Step inserts shall comply with State Industrial Safety requirements.
- Covers for use on sewer structures shall bear the letter "S"; on storm drain structures the letter "D"; on openings for utilities the letter "U".



LETTERS 1" HIGH, NO OTHER INSCRIPTION TO APPEAR ON EXPOSED SURFACES.
TOP OF MANHOLE FRAME & COVER



SECTION THROUGH FRAME & COVER
MANHOLE FRAME & COVER
FOR SIDEWALKS
DETAIL U46

NOTES:

- Frame and cover shall be cast iron.
- Cover shall be supplied with bolt down or locking devices.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
UTILITY DETAILS

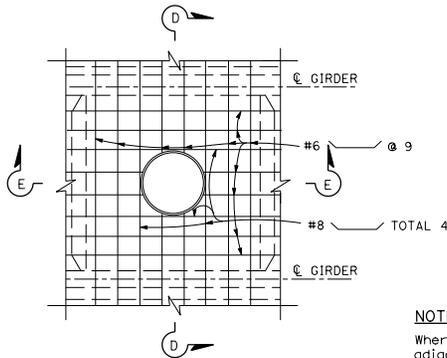
NO SCALE

RSP B7-11 DATED JULY 15, 2016 SUPERSEDES STANDARD PLAN B7-11
DATED OCTOBER 30, 2015 - PAGE 308 OF THE STANDARD PLANS BOOK DATED 2015.

REVISED STANDARD PLAN RSP B7-11

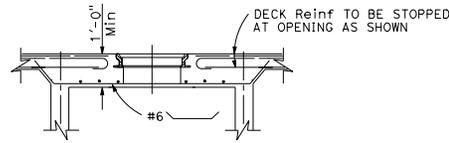
NOTES:

- For exact location of openings see other sheets.
- Location and size of manholes may be modified as directed by the Engineer, provided minimum dimensions are maintained.
- All reinforcement detailed to be placed in addition to reinforcement shown on other sheets.

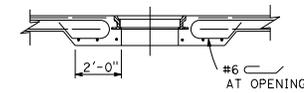


PART PLAN

DECK ACCESS OPENING
DETAIL U43



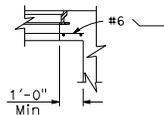
SECTION D-D



SECTION E-E

NOTE:

Where manhole is located adjacent to a diaphragm or abut, substitute half Section E-E on one side of Section E-E.



HALF SECTION E-E

2015 REVISED STANDARD PLAN RSP B7-11