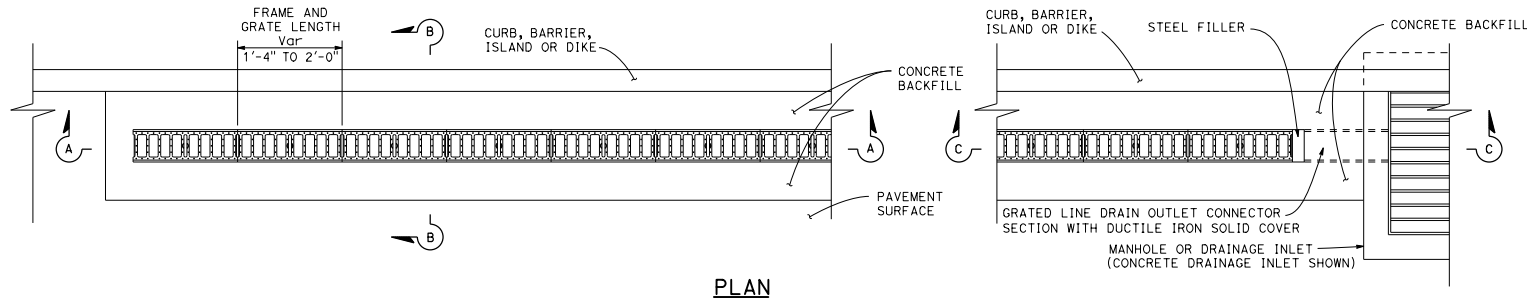


DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

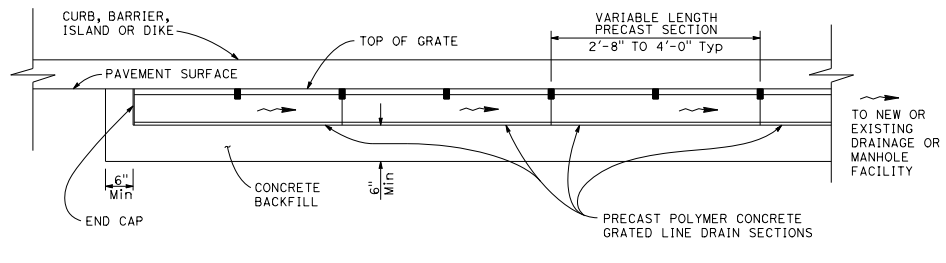
**Raymond Don Isztout**  
 REGISTERED CIVIL ENGINEER  
 No. C37332  
 Exp. 6-30-18  
 CIVIL  
 STATE OF CALIFORNIA

January 20, 2017  
 PLANS APPROVAL DATE

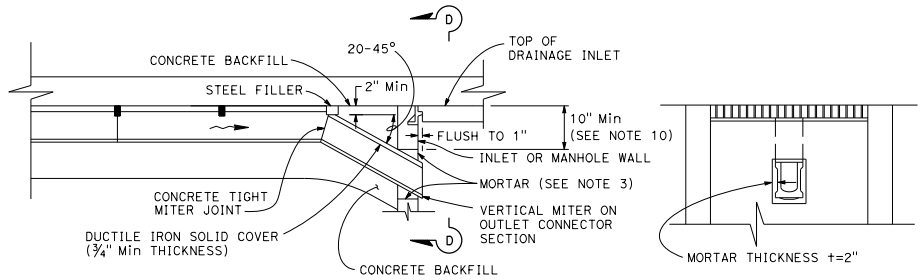
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**PLAN**



**SECTION A-A**  
(See Note 1)

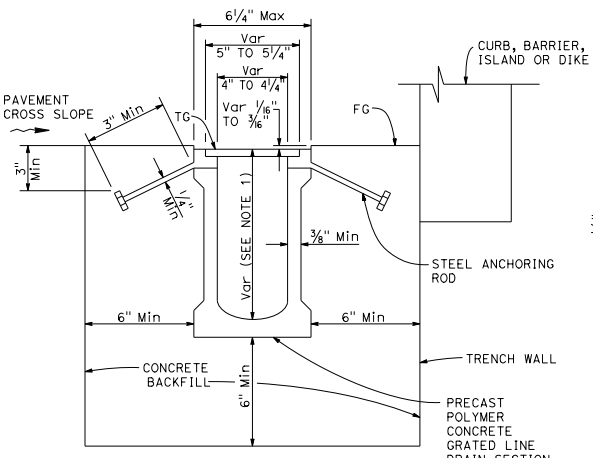


**SECTION C-C**

**SECTION D-D**

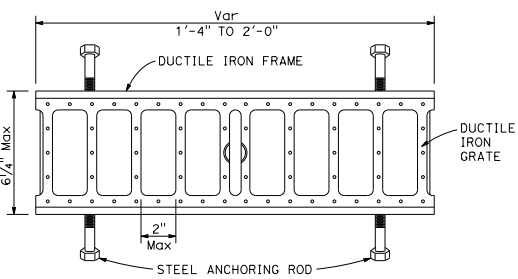
**NOTES:**

1. See Quantity Sheets for discharge capacity requirements.
2. Discharge capacity (cfs) at point A must be equivalent to maximum channel discharge capacity of grated line drain at point B.
3. Precast polymer concrete drain sections are available in non-sloped uniform depth sections 4 1/8" to 12" or in 0.6 percent pre-sloped sections with graduated depths from 4 1/8" to 12". See Project Plans for trench sections to be installed.
4. Nominal dimensions shown. Allowable tolerance ± 2%.
5. For GMP inlet connection, seal field joint with a pliable mixture of sand, portland cement and emulsified asphalt (mixture of 1 part portland cement, 3-5 parts sand and 1/2 part SSI emulsified asphalt).
6. Within designated pedestrian paths of travel, the maximum grate opening in the direction of pedestrian traffic must not exceed 1/2".
7. Grate patterns may vary from detail shown. See Special Provisions.
8. Steel anchoring rods not used when frame is integral with polymer concrete grated line drain section.
9. 3/8" maximum gap between adjacent gratings.
10. Contractor to field verify minimum depth to avoid conflict with inlet top.



**SECTION B-B**

(Precast grated line drain with non-integral frame)  
See Note 3



**FRAME AND GRATE DETAIL**

See Notes 4, 5, 6 and 7

STATE OF CALIFORNIA  
 DEPARTMENT OF TRANSPORTATION  
**GRATED LINE DRAIN  
 DETAILS No. 1 - POLYMER  
 CONCRETE, 4" NOMINAL WIDTH**

NO SCALE

RSP D98G DATED JANUARY 20, 2017 SUPPLEMENTS THE STANDARD PLANS BOOK DATED 2015.

**REVISED STANDARD PLAN RSP D98G**

2015 REVISED STANDARD PLAN RSP D98G