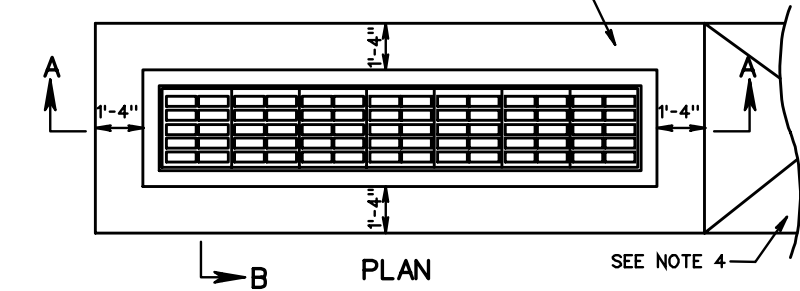
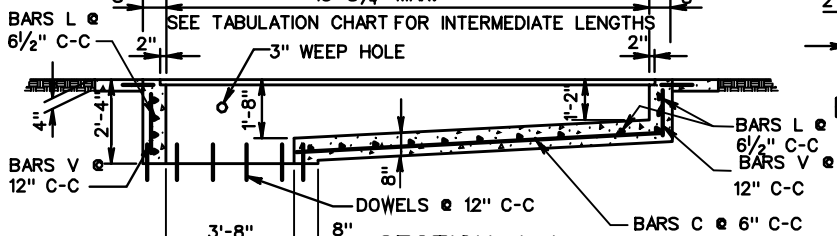


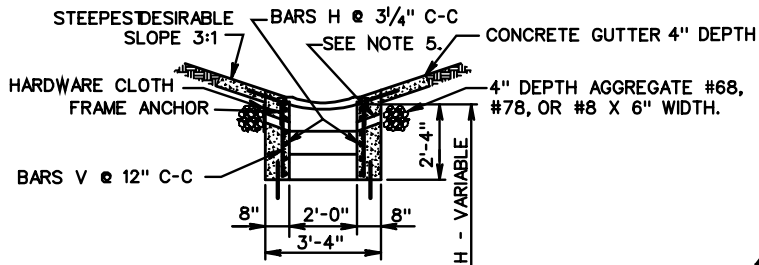
CONCRETE GUTTER TO BE USED WITH DI-12A ONLY.



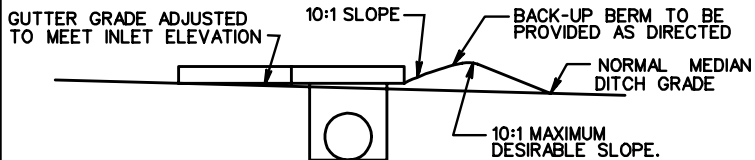
$L_1$  = VARIABLE, 3'-8" MIN.  
13'-8 3/4" MAX.



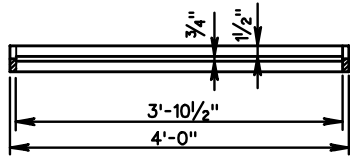
**SECTION A-A**  
(CHAMBER NOT SHOWN)  
(SLOT MAY BE CAST IN PLACE OR PRECAST)



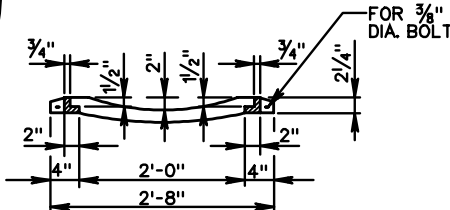
**SECTION B-B**  
(CHAMBER NOT SHOWN)



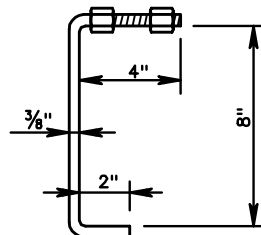
**LONGITUDINAL SECTION**  
(WHEN INLET IS LOCATED ABOVE NORMAL DITCH GRATE)



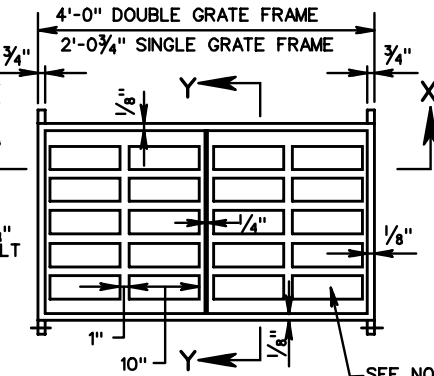
**FRAME SECTION XX**



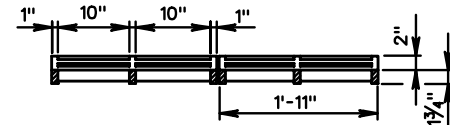
**FRAME SECTION YY**



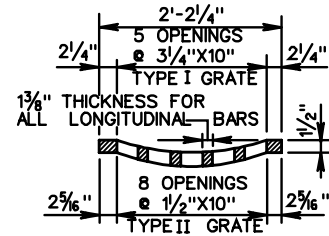
**FRAME ANCHOR**  
3/8" DIAMETER  
BENT BAR



**FRAME AND GRATE PLAN**



**GRATE SECTION XX**



**GRATE SECTION YY**

**NOTES**

1. TYPE I GRATE: LIMITED ACCESS AND RURAL UNLIMITED ACCESS; PEDESTRIAN ACCESS UNLIKELY
2. TYPE II GRATE: URBAN AREAS; PEDESTRIAN ACCESSIBLE AREAS.
3. SEE GRATE SECTION YY FOR SIZE AND NUMBER OF GRATE OPENING REQUIRED FOR TYPE I AND TYPE II GRATE.
4. PAVED TRANSITION WHERE REQUIRED ON PLANS IS TO BE SHAPED TO CONFORM TO ROUNDED CONCRETE GUTTER OF DI-12A.
5. 3" DIAMETER WEEP HOLE WITH 12" X 12" PLASTIC HARDWARE CLOTH 1/4" MESH OR GALVANIZED STEEL WIRE, MINIMUM WIRE DIAMETER 0.03", NUMBER 4 MESH HARDWARE CLOTH ANCHORED FIRMLY TO OUTSIDE OF STRUCTURE.
6. IF NORMAL DITCH GRADE IS TOO FLAT TO ALLOW FOR ADJUSTED GRADE TO INLET, A SPECIAL GUTTER DETAIL WILL BE REQUIRED ON PLANS.
7. GRATE BARS TO BE PARALLEL TO DITCH FLOW.

**MULTIGRATE DROP INLET**  
**FOR PIPE SIZES 12" TO 72"**

VIRGINIA DEPARTMENT OF TRANSPORTATION

SPECIFICATION  
REFERENCE

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