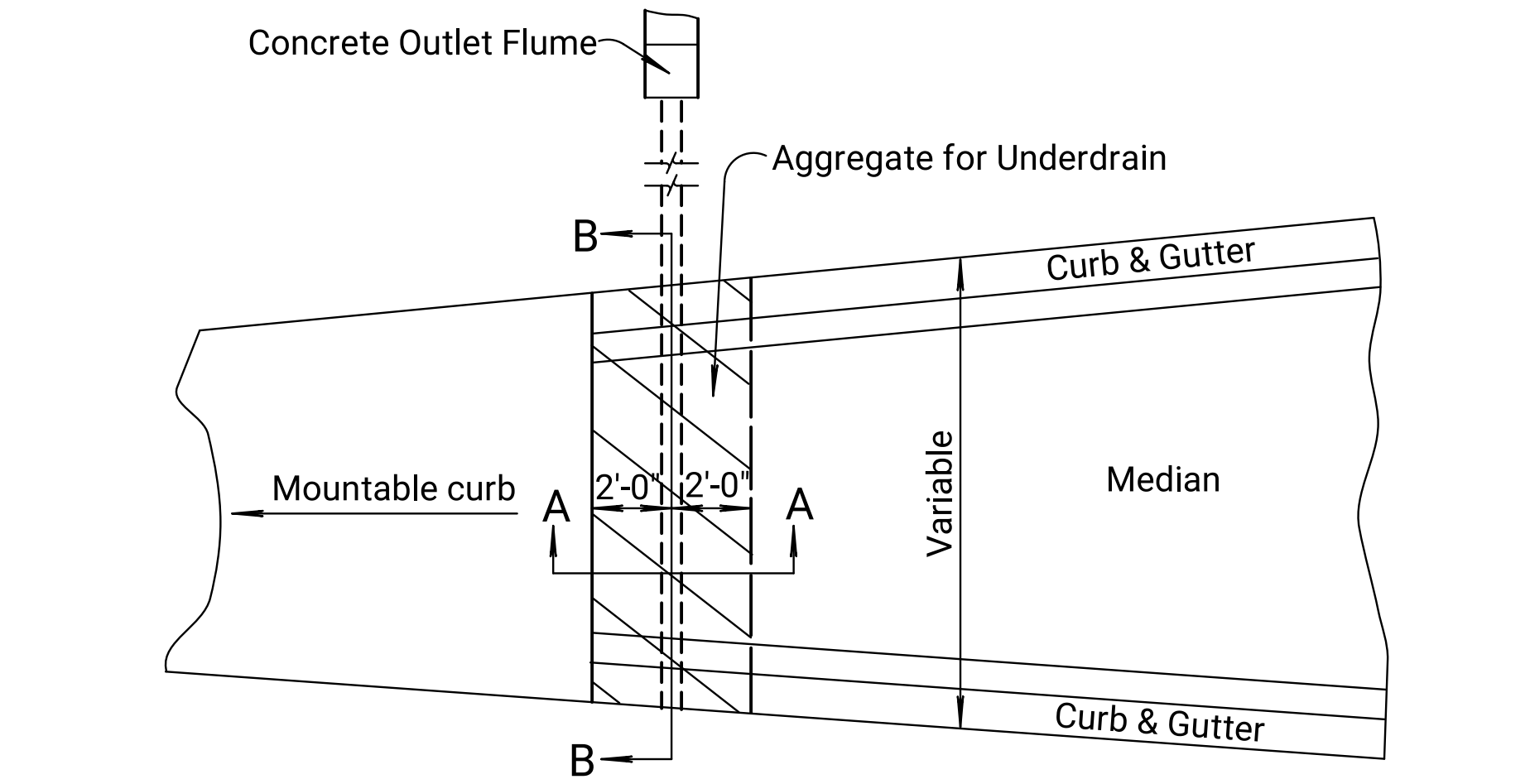
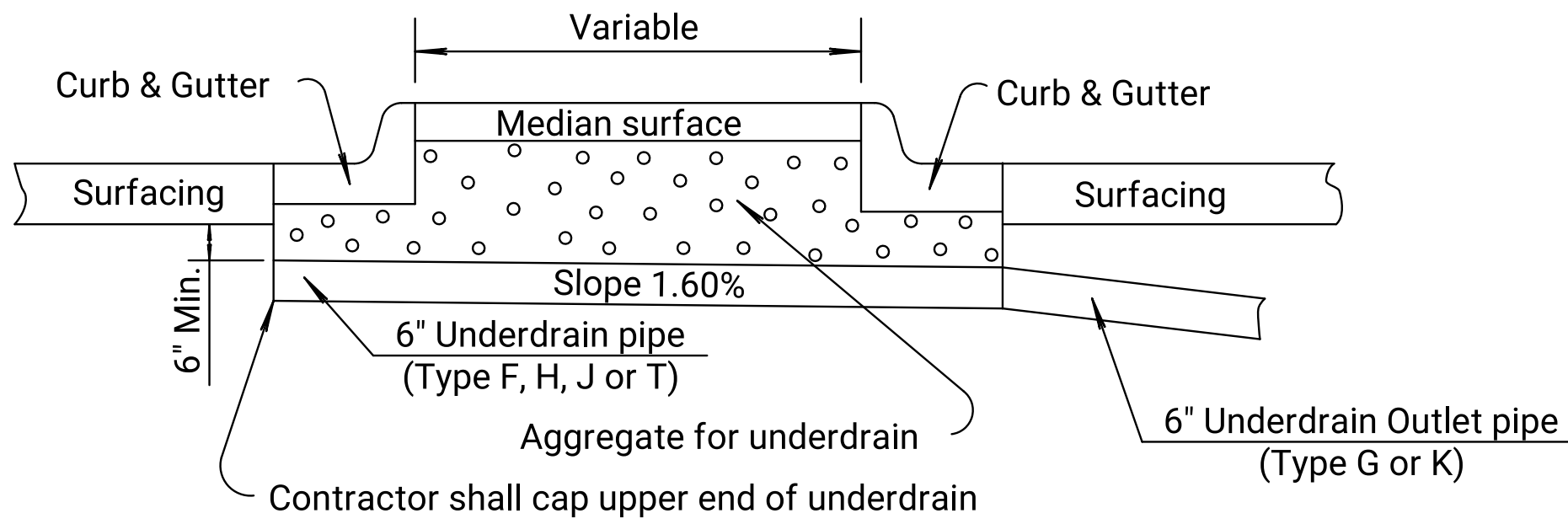


Note to Designer: For required pipe stiffness see KDOT Geology Report.

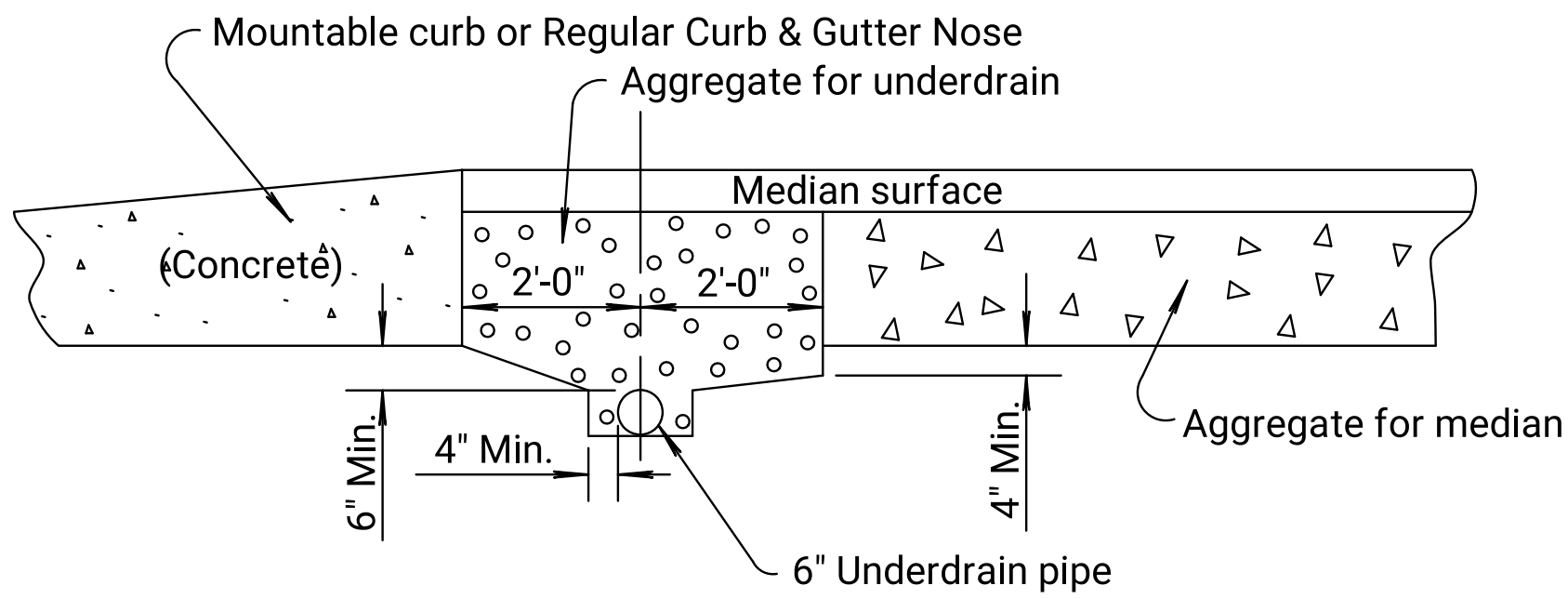
Plotted by : Kylee.Sims@ks.gov 1-AUG-2022 18:45
File : rd651.dgn



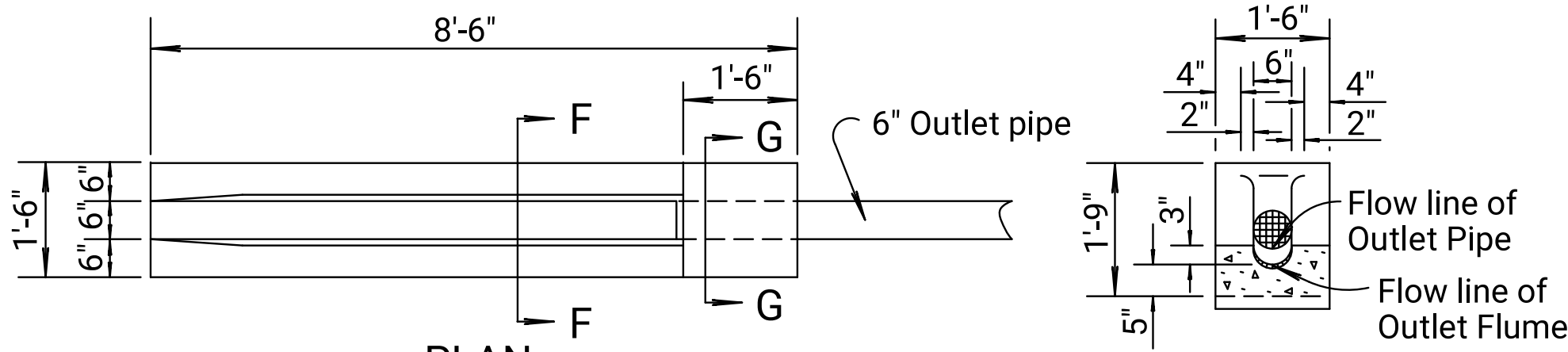
UNDERDRAIN



SECTION B-B

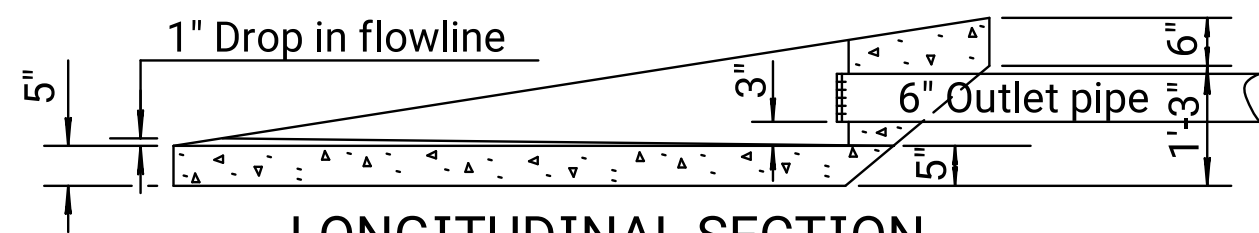


SECTION A-A

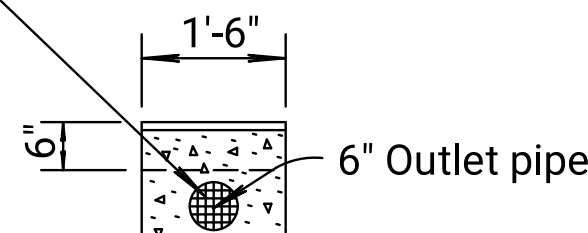


SECTION F-F

The lower end of each outlet to be fitted with a screen to prevent the entrance of rodents. Use " mesh galvanized hardware cloth. Bend ends of wires to fit snugly into outlet opening. Mesh is subsidiary to other items in the contract.



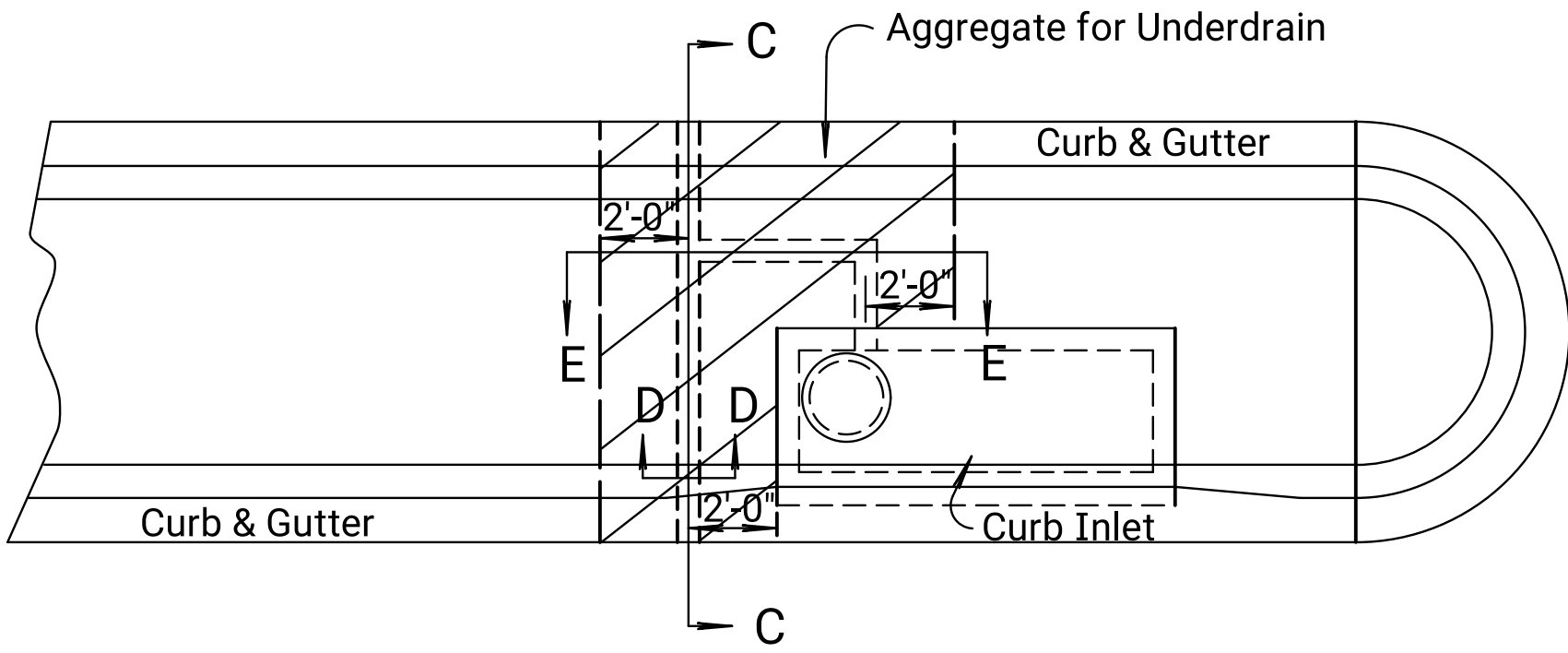
LONGITUDINAL SECTION



SECTION G-G

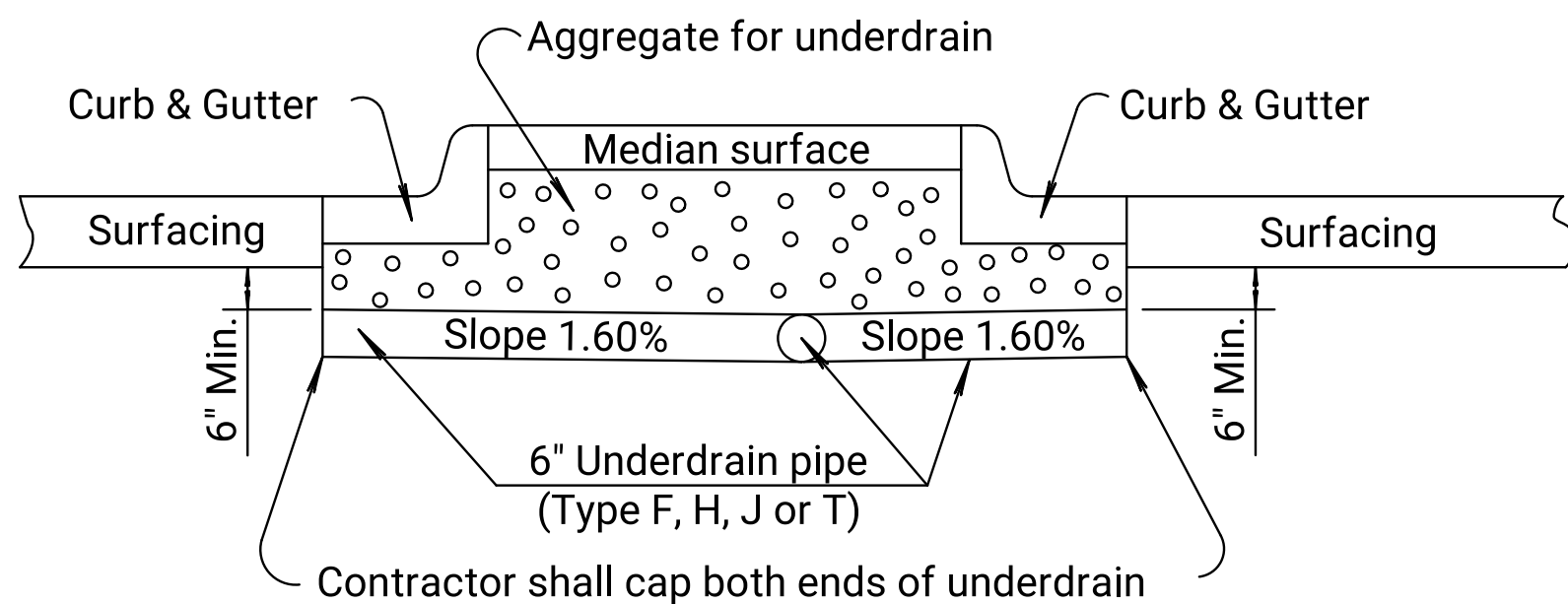
The Outlet Flume shall be constructed at the end of all outlet pipes and shall be Concrete Grade 3.0. At the contractor's option, Concrete Grade 3.0 (AE) may be used. This flume shall be considered subsidiary to the item "Pipe Underdrains".
Outlet pipe shall be either Type G or K with water tight joints.
All pipe to be laid on minimum grade of 1% unless shown otherwise.

CONCRETE OUTLET FLUME

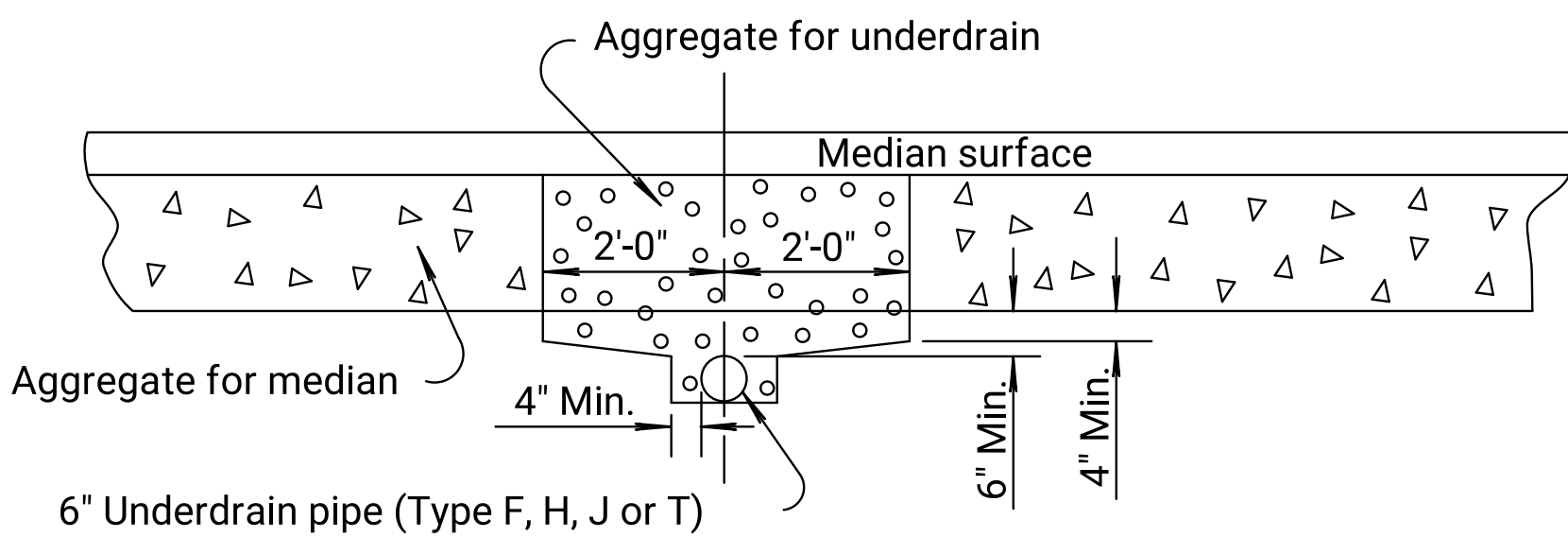


UNDERDRAIN

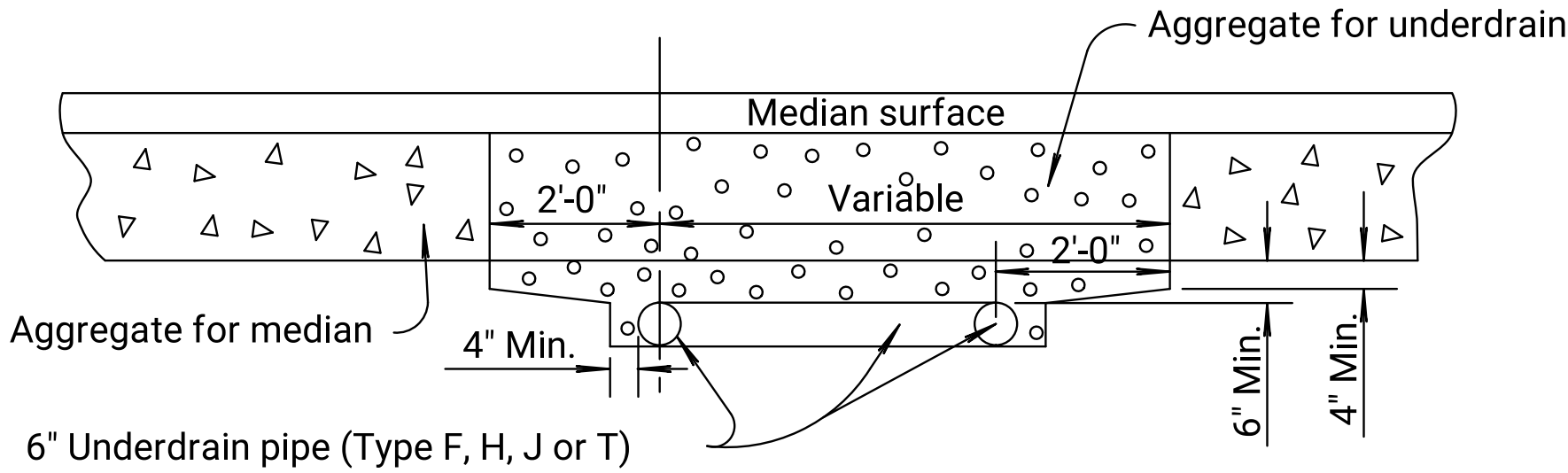
(Connect to Curb Inlet)



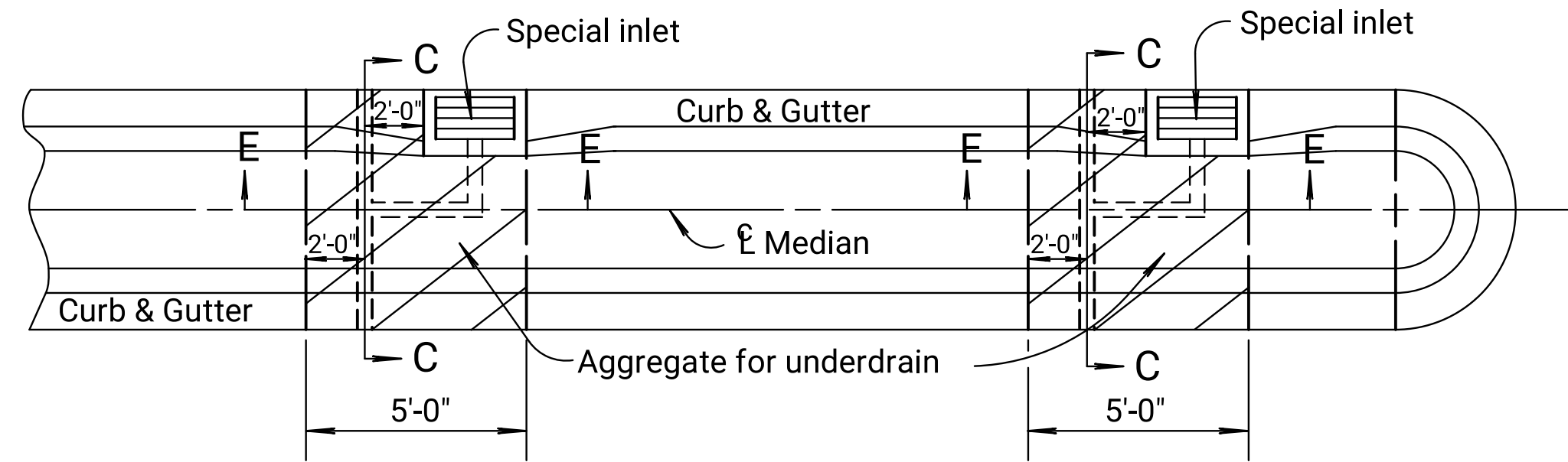
SECTION C-C



SECTION D-D

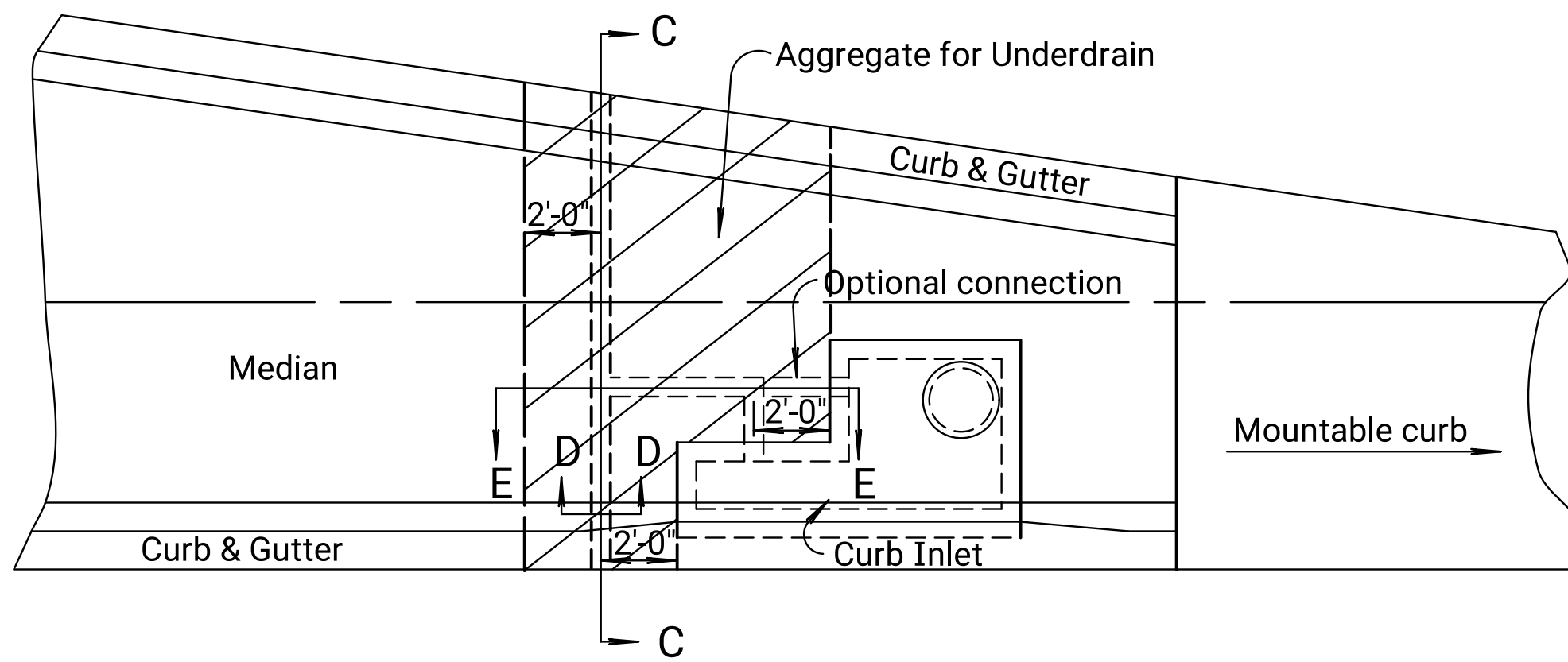


SECTION E-E



UNDERDRAIN

(Connect to Special Gutter Inlet Type III)



UNDERDRAIN

(Connect to Curb Inlet)

GENERAL NOTE:
The aggregate for underdrains shall be subsidiary to the bid item "Pipe Underdrains".
Perforated pipe shall be either Type F, H, J or T and shall be installed with perforations turned to the bottom of the trench. For pipe and outlet pipe type pairings, see the KDOT Standard Specifications.
Minimum depth of perforated pipe below pavement depends on pipe type. For details see the KDOT Standard Specifications.
The bid item "Pipe Underdrains" shall be paid for by the linear foot.
Any excavation necessary for installation of pipe and aggregate is subsidiary to the bid item "Pipe Underdrains".
All pipe to be laid on minimum grade of 1% unless shown otherwise.

05	11-13-17	Added pipe types, revised notes	A.L.R.	S.W.K.
04	01-28-05	Changed Class to Grade concrete	S.W.K.	J.O.B.
03	05-14-91	Deleted Type 'D' & 'M' Underdrains	R.J.S.	J.O.B.
NO.	DATE	REVISIONS	BY	APPD

KANSAS DEPARTMENT OF TRANSPORTATION

TYPICAL MEDIAN UNDERDRAINS

RD651

DESIGNED	DETAILS	QUANTITIES	TRACED
DESIGN CK.	DETAIL CK.	QUAN. CK.	TRACE CK.

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