

BILL OF MATERIAL

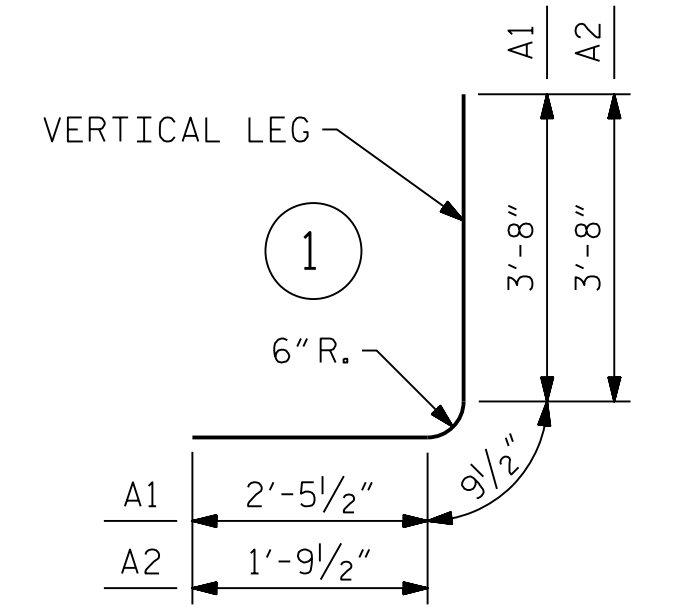
Table with columns: BAR, NUMBER, SIZE, TYPE, LENGTH, WEIGHT. Lists items A1 through A232 with their respective specifications.

Table with columns: BAR, NUMBER, SIZE, TYPE, LENGTH, WEIGHT. Lists items A233 through A430 with their respective specifications.

Table with columns: BAR, NUMBER, SIZE, TYPE, LENGTH, WEIGHT. Lists items B1 through S2 with their respective specifications.

REINFORCING STEEL = 112,029 LBS.

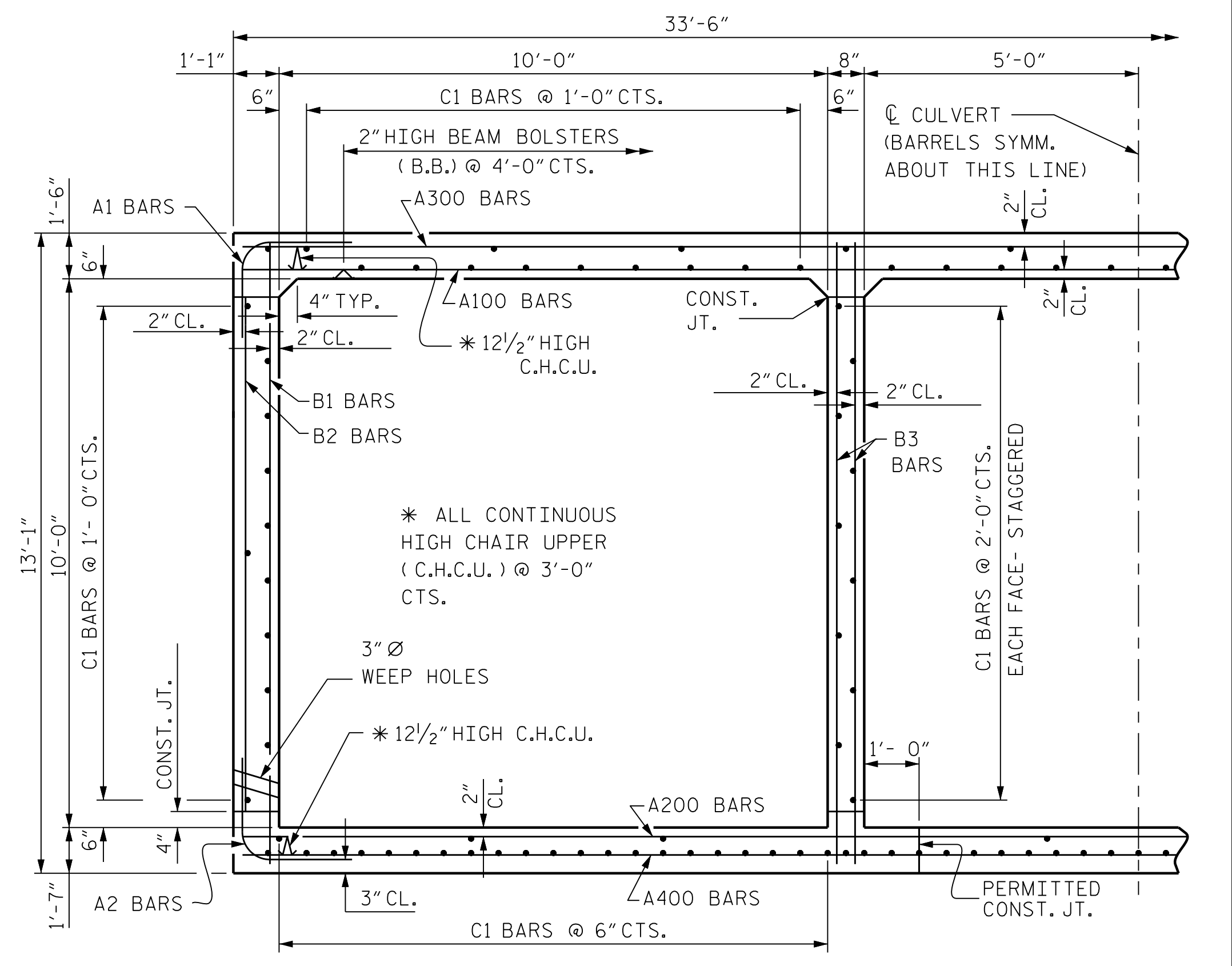
BAR TYPES



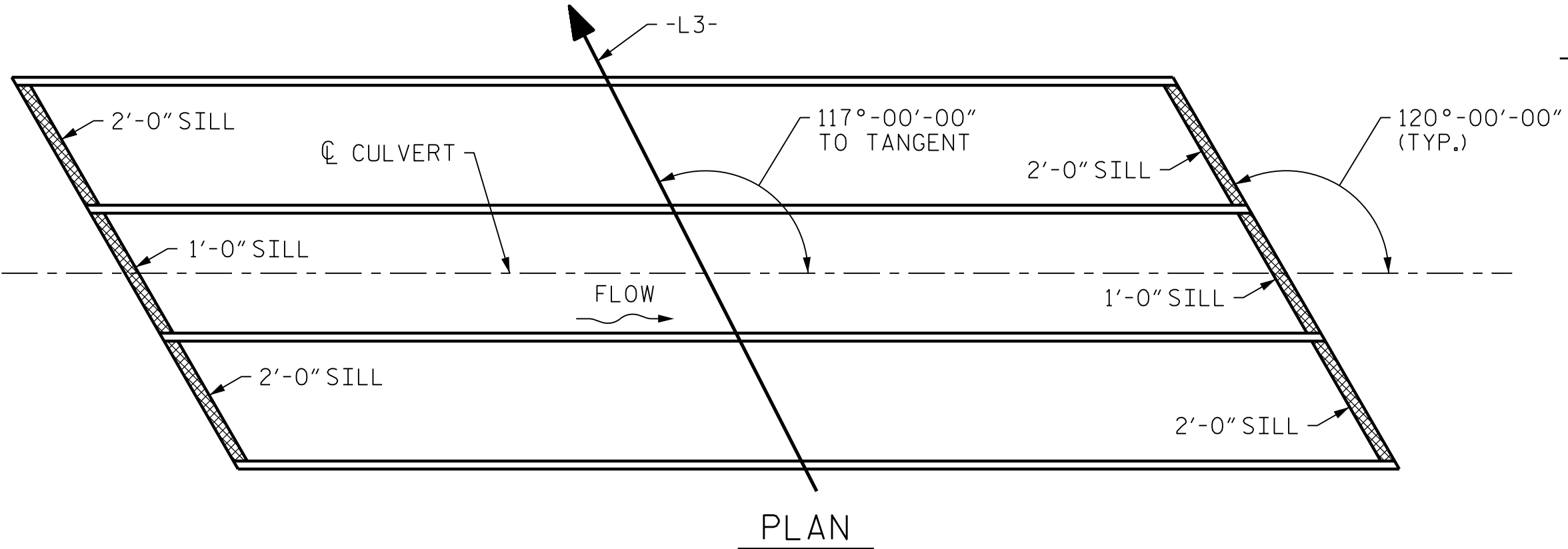
ALL BAR DIMENSIONS ARE OUT TO OUT.

SPLICE LENGTH CHART

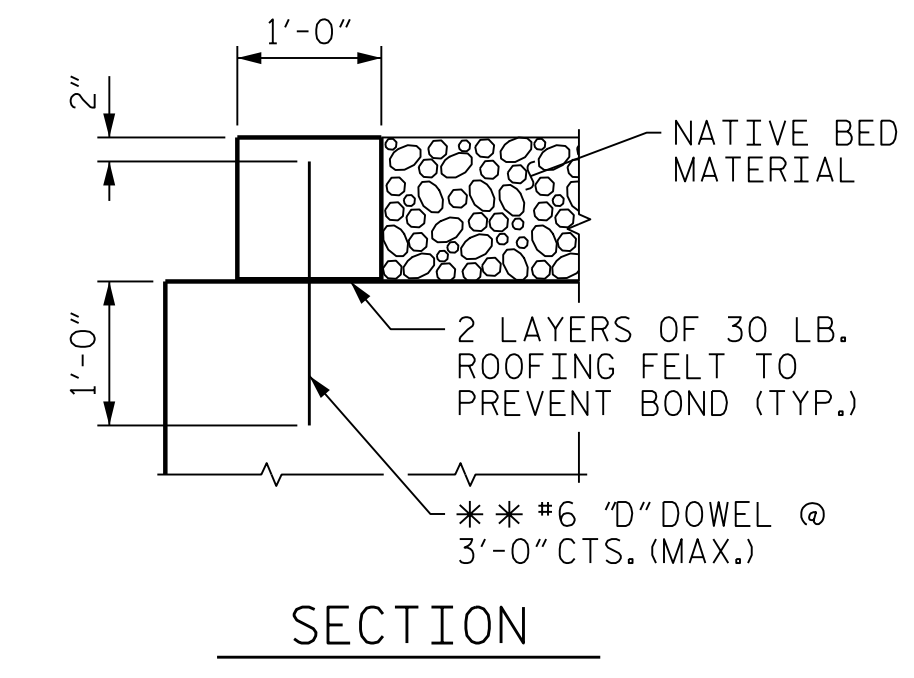
Table with columns: BAR, SIZE, SPLICE LENGTH. Lists splice lengths for bars C1, B1/B3, A200, and A400.



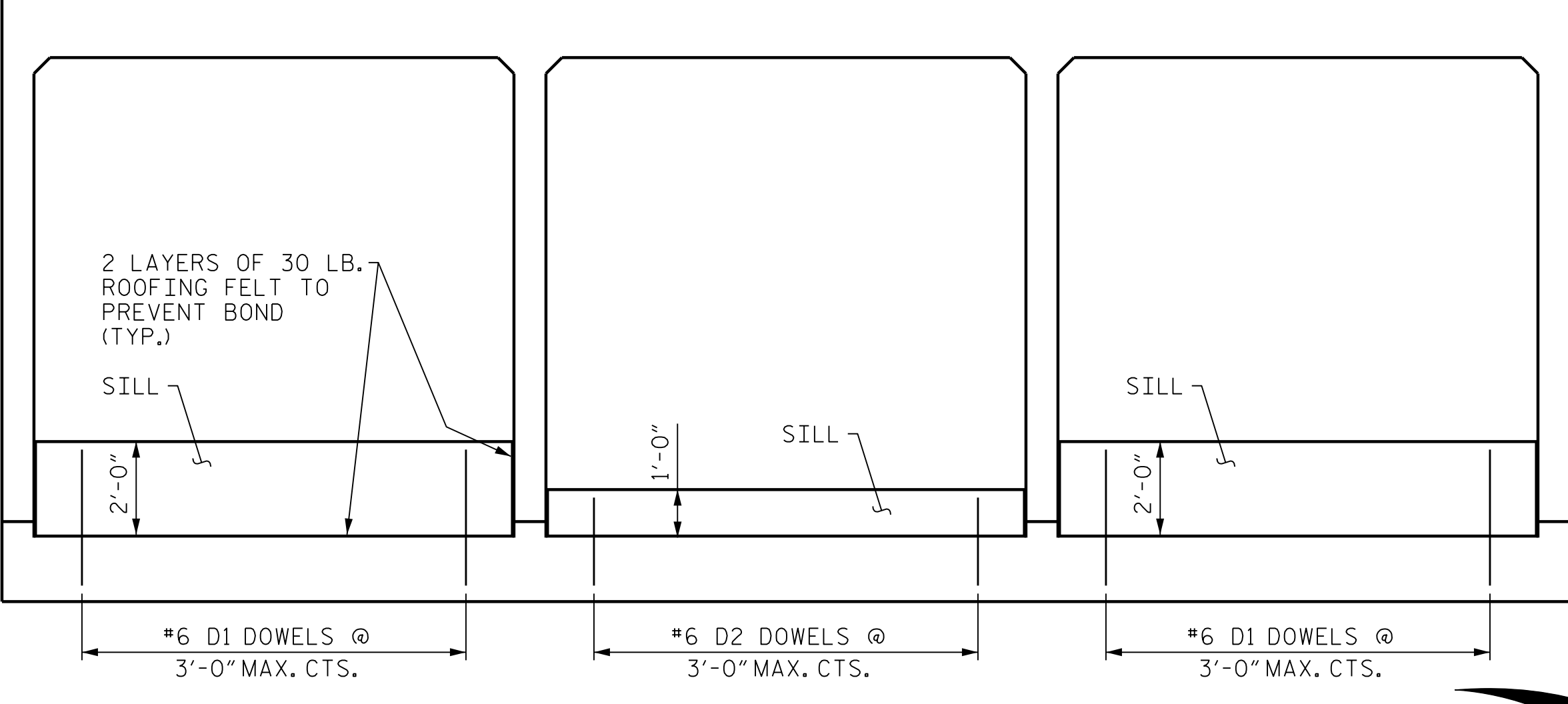
RIGHT ANGLE SECTION OF BARREL
THERE ARE 155 "C" BARS IN SECTION OF BARREL



PLAN



SECTION



ELEVATION
(LOOKING DOWNSTREAM)

SILL DETAILS

* * * DOWELS MAY BE PUSHED INTO GREEN CONCRETE AFTER SLAB HAS BEEN FLOAT FINISHED.

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333 FAYETTEVILLE STREET, SUITE 500
RALEIGH, NC 27601
NC LICENSE NO. C-2979

Professional Engineer Seal for Jason R. Doughty, License No. 032987, State of North Carolina.

PROJECT NO. R-2233BB
RUTHERFORD COUNTY
STATION: 874+45.00 -L3-

SHEET 3 OF 5

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
TRIPLE 10 FT. X 10 FT.
CONCRETE BOX CULVERT
117°-00'-00" SKEW

Table with columns: NO., BY, DATE, NO., BY, DATE. Includes a REVISIONS section and SHEET NO. C3-3.

DESIGNED BY: J. BORUTA DATE: MAY 2019
DRAWN BY: K. WHITE DATE: MAY 2019
CHECKED BY: B. LOFLIN DATE: MAY 2019
DESIGN ENGINEER OF RECORD: J. DOUGHTY DATE: NOV 2019

4/22/2020 412_005_R2233BB_SML_DET_80064.dgn