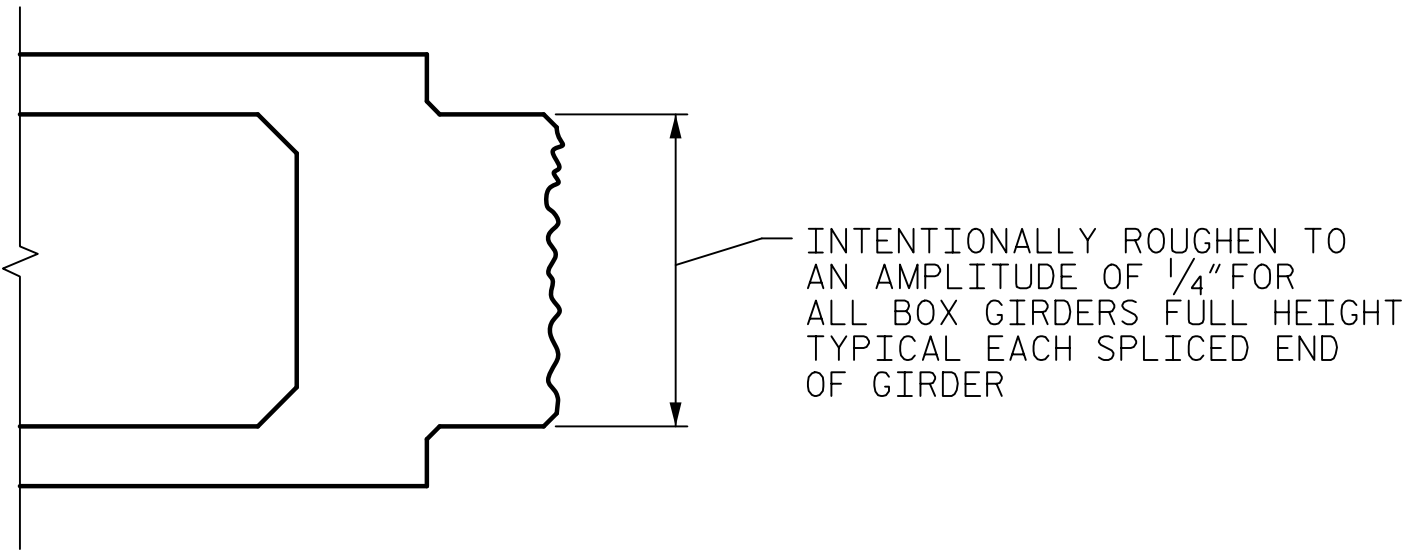
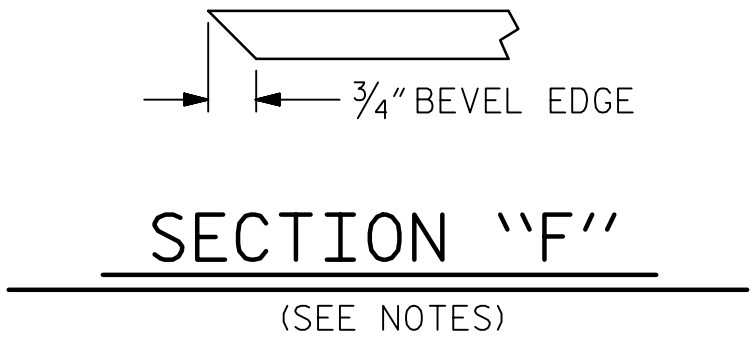


DATE: 8/28/2018
TIME: 2:33:46 PM



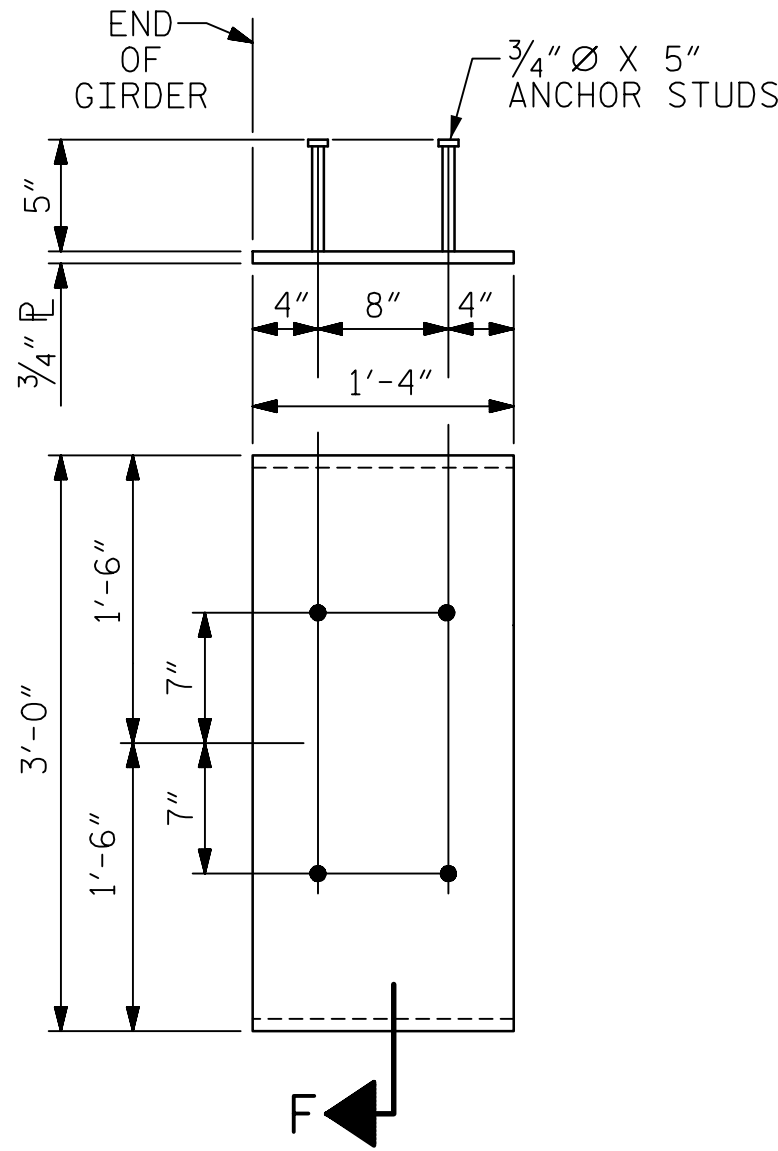
ROUGHENING DETAILS

ROUGHENING SHALL BE INTEGRAL TO THE BOX GIRDER FORMS. MECHANICAL ROUGHENING SHALL NOT BE UTILIZED



SECTION "F"

(SEE NOTES)



EMBEDDED PLATE "B-2" DETAILS

(1 REQ'D AT EXPANSION END OF GIRDERS)

ALL REINFORCING STEEL SHALL BE GRADE 60.

APPLY EPOXY PROTECTIVE COATING TO END OF GIRDER SURFACES INDICATED IN ELEVATION VIEW.

ANCHOR STUDS SHALL CONFORM TO AASHTO M169 GRADES 1010 THROUGH 1020 OR APPROVED EQUAL, AND SHALL MEET THE TYPE "B" REQUIREMENTS OF SUBSECTION 7.3 OF THE ANSI/AASHTO/AWS D1.5 BRIDGE WELDING CODE.

THE TOP SURFACE OF THE GIRDER, EXCLUDING THE OUTSIDE 4", SHALL BE RAKED TO A DEPTH OF 1/4", THIS INCLUDES THE SPLICE.

WORKING DRAWINGS SHALL BE SUBMITTED IN ACCORDANCE WITH STANDARD SPECIFICATIONS SECTION 1078-1(B).

FABRICATE BOX GIRDERS IN ACCORDANCE WITH SECTION 1078 OF THE STANDARD SPECIFICATIONS.

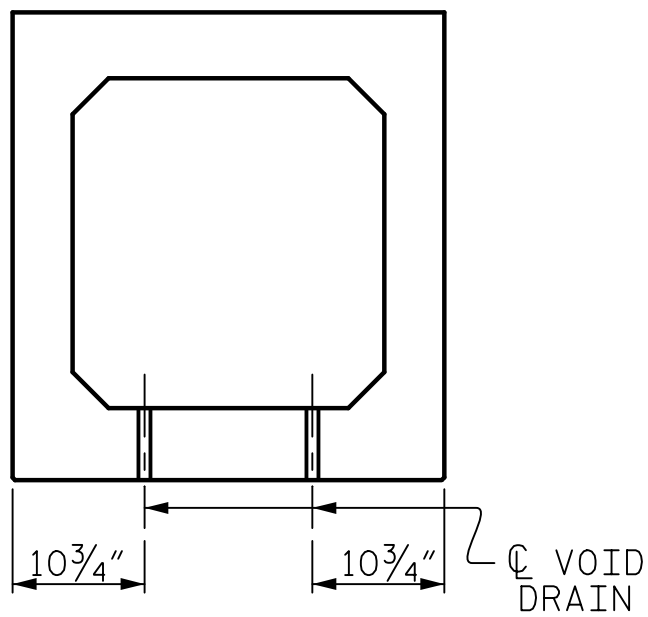
ERECT BOX GIRDERS IN ACCORDANCE WITH SECTION 430 OF THE STANDARD SPECIFICATIONS.

THE PERMITTED THREADED INSERTS IN THE EXTERIOR GIRDERS SHALL BE SIZED BY THE CONTRACTOR, SPACED AT 4'-0" CENTERS, AND GALVANIZED IN ACCORDANCE WITH SECTION 1076 OF THE STANDARD SPECIFICATIONS. STAINLESS STEEL THREADED INSERTS MAY BE USED AS AN ALTERNATE.

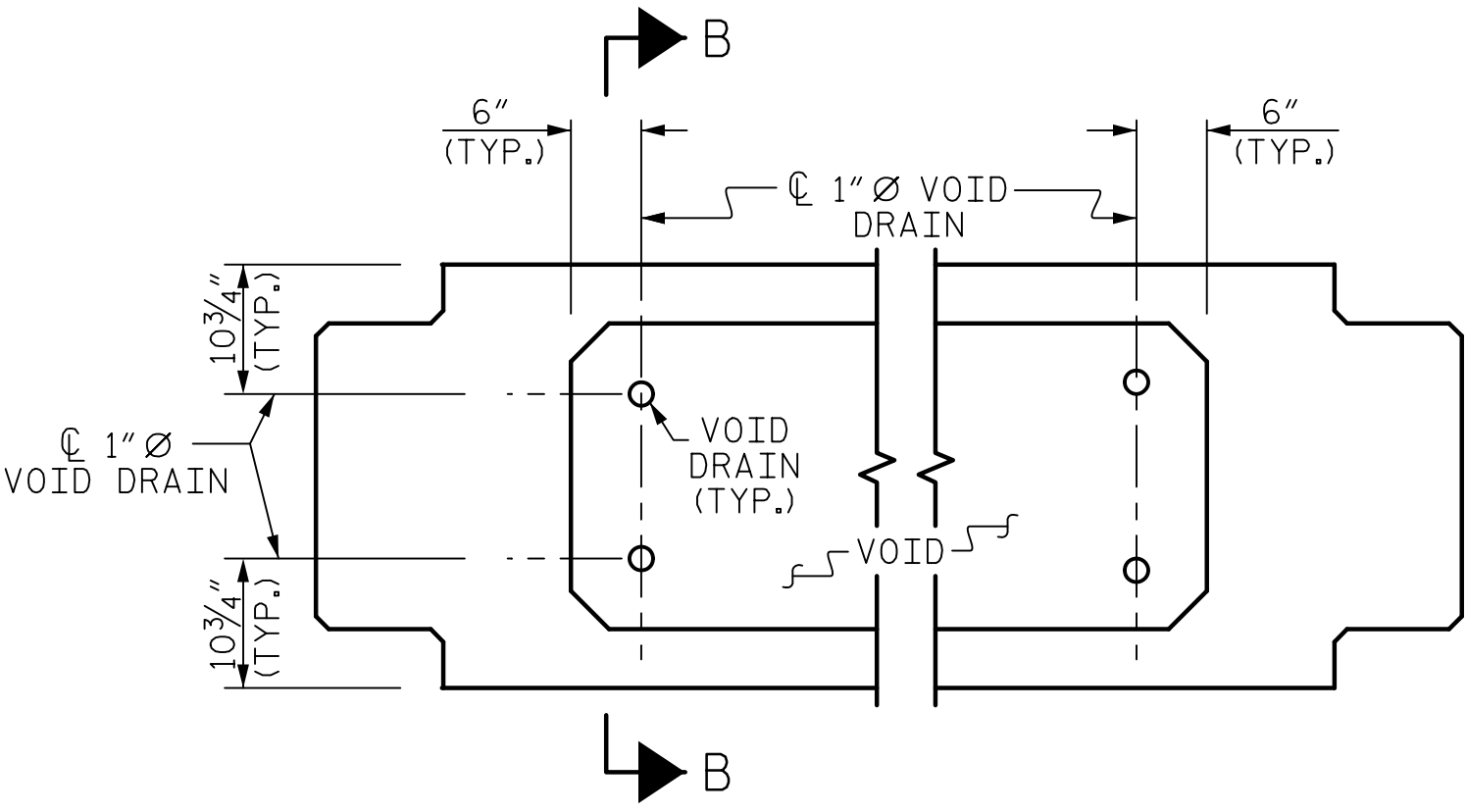
THE PERMITTED THREADED INSERTS SHALL BE GROUTED BY THE CONTRACTOR IMMEDIATELY FOLLOWING REMOVAL OF THE FALSEWORK.

THE LOCATION OF THE VOID DRAINS MAY BE SHIFTED SLIGHTLY WHERE NECESSARY TO CLEAR REINFORCING STEEL.

EMBEDDED PLATE "B-2" SHALL BE GALVANIZED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.



SECTION B-B

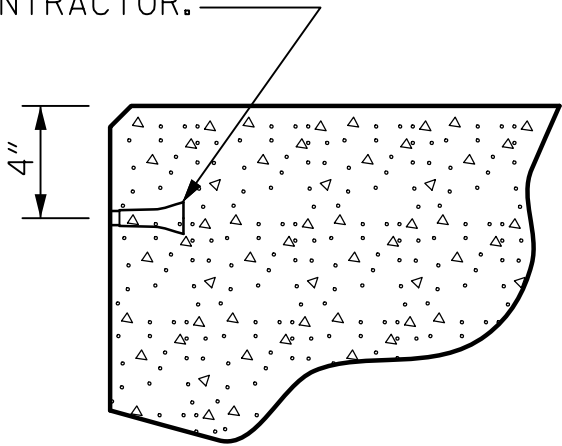


PART PLAN

VOID DRAIN DETAILS

(DIMENSIONS SHOWN ARE TYPICAL FOR EACH VOID)

PERMITTED THREADED INSERT
CAST IN OUTSIDE FACE OF
EXTERIOR UNIT AND
RECESSED 3/8" SIZE TO BE
DETERMINED BY
CONTRACTOR.



THREADED INSERT DETAIL

PROJECT NO. B-4974

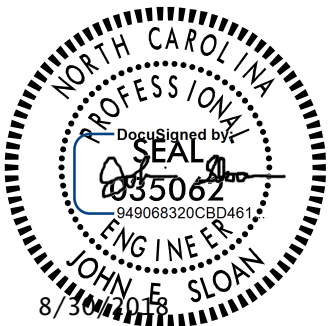
STANLY/MONTGOMERY COUNTY

STATION: 339+86.39 -L-

SHEET 7 OF 7

AECOM

AECOM TECHNICAL SERVICES, INC.
701 CORPORATE CENTER DRIVE, SUITE 475
RALEIGH, NC 27607
(919) 854-6200 www.aecom.com
AECOM License No. F-0342



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE

3'-0" X 2'-3"
REINFORCED CONCRETE
BOX GIRDER
DETAILS

REVISIONS

NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO.

S-37

TOTAL SHEETS

148

DRAWN BY : T.B. STUMP
CHECKED BY : J.E. SLOAN
DESIGNED BY : T.B. STUMP
DESIGN CHECKED BY : J.E. SLOAN

DATE : 11/2017
DATE : 11/2017
DATE : 11/2017
DATE : 11/2017

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED