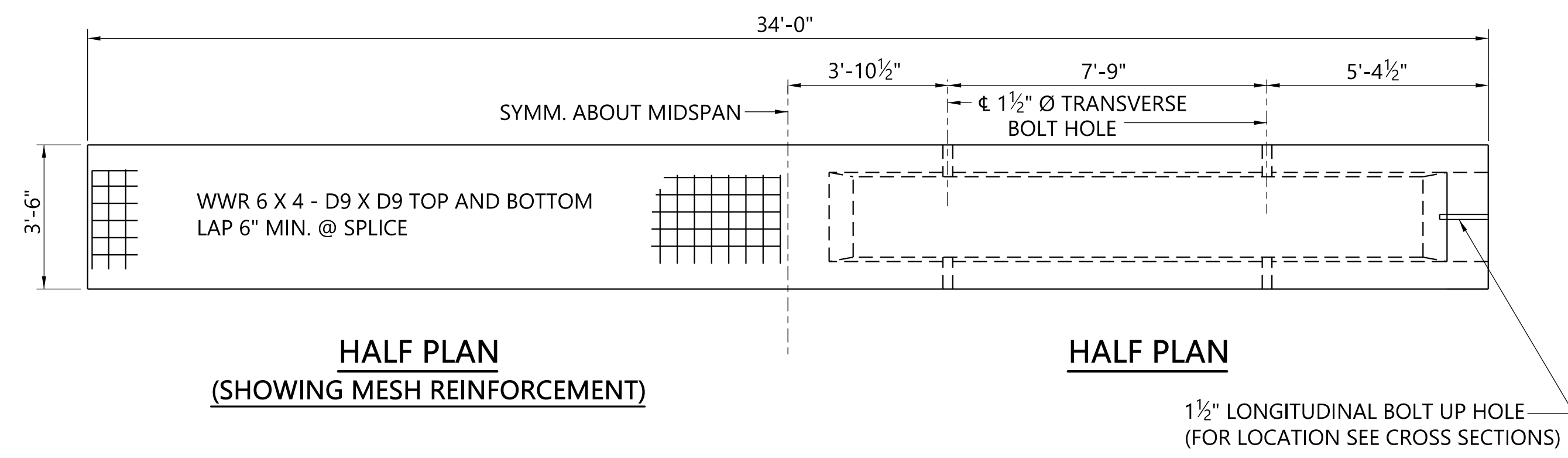
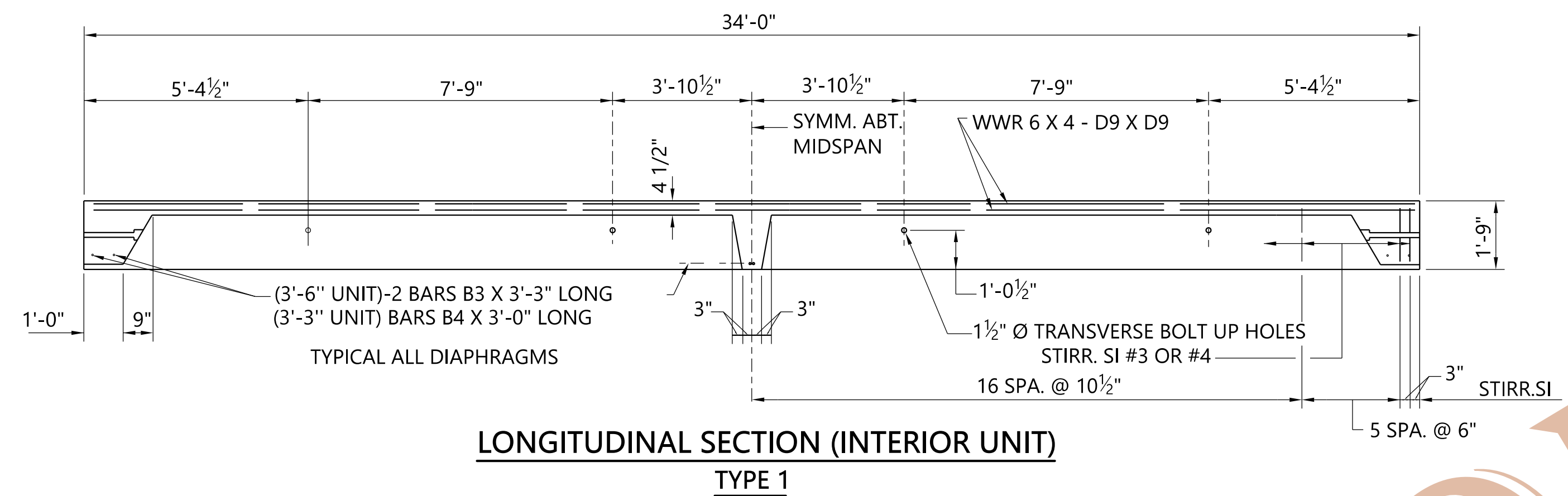


PLOTTED: 07-Jan-22 at 08:55
 \\bvrms002\bridge\standard\special\bridge\working folder for redetailed precast\BSPD(2023)\PC34-2.dgn
 SHEET REFERENCE
 0 1" 2"

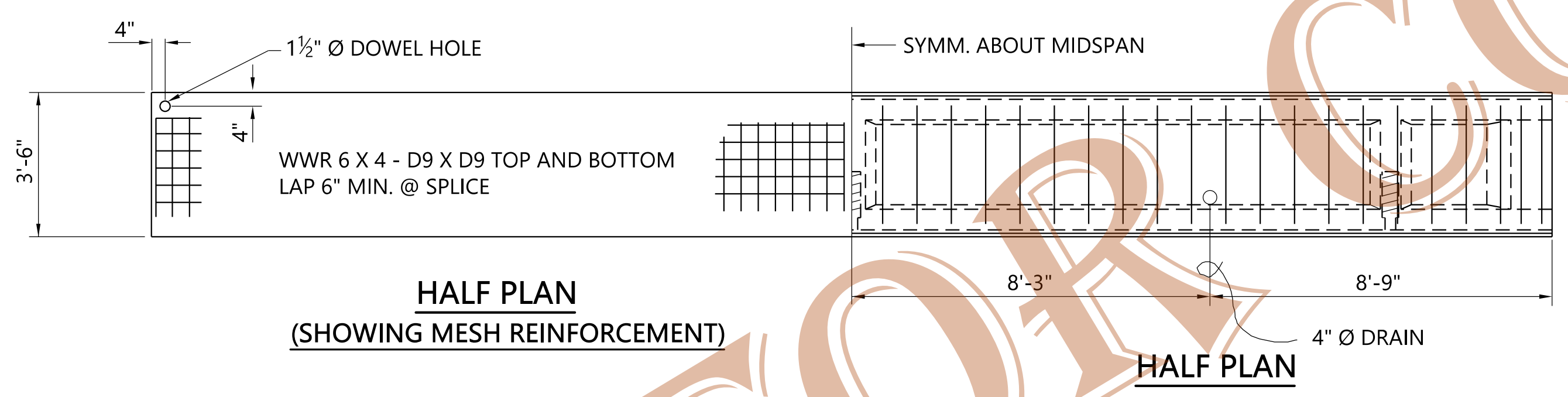
REFERENCE PROJECT NUMBER	FISCAL YEAR	SHEET NUMBER



NOTE: CAST UNITS WITH 1/2" CAMBER AT MIDSPAN.

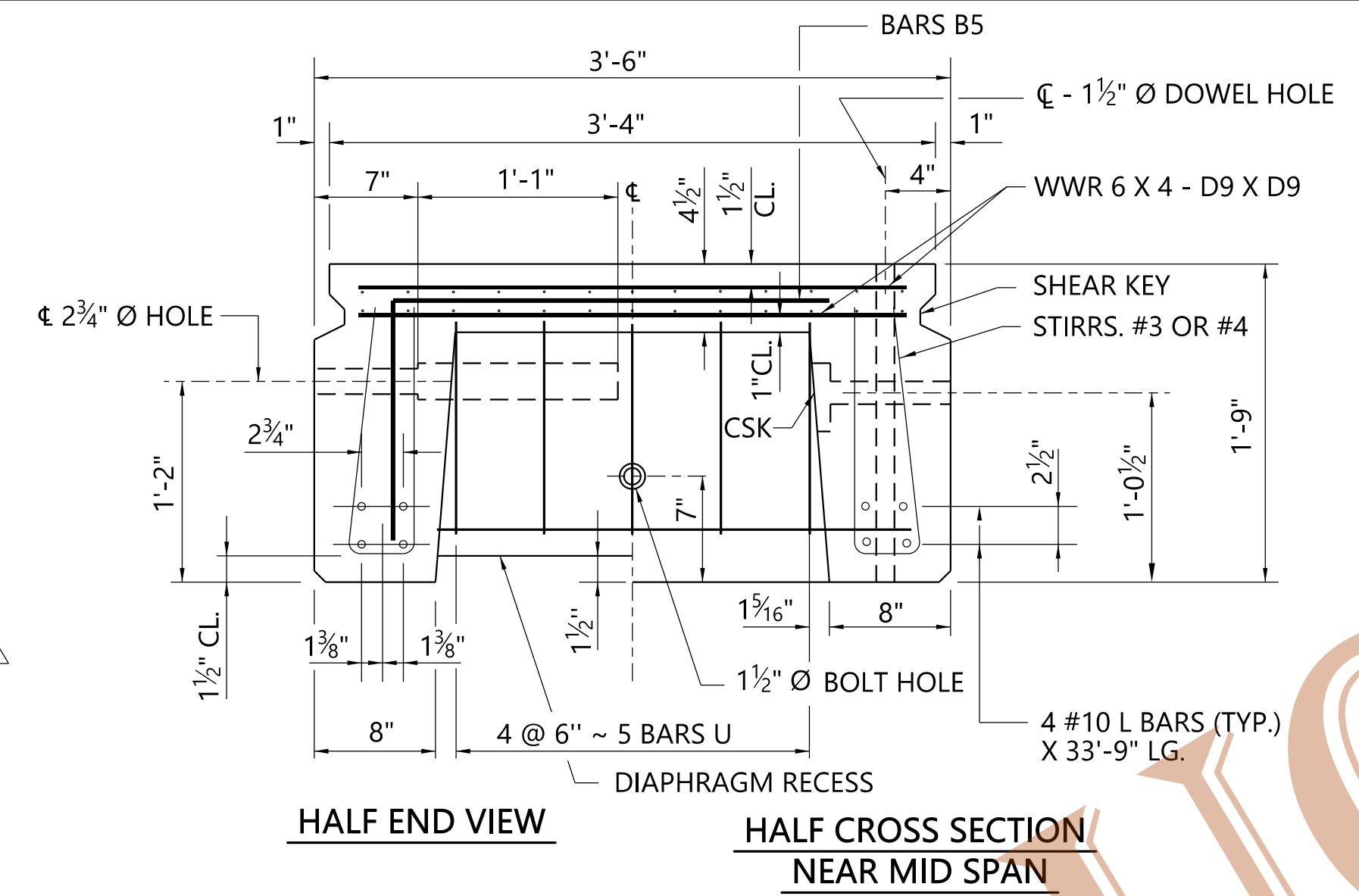
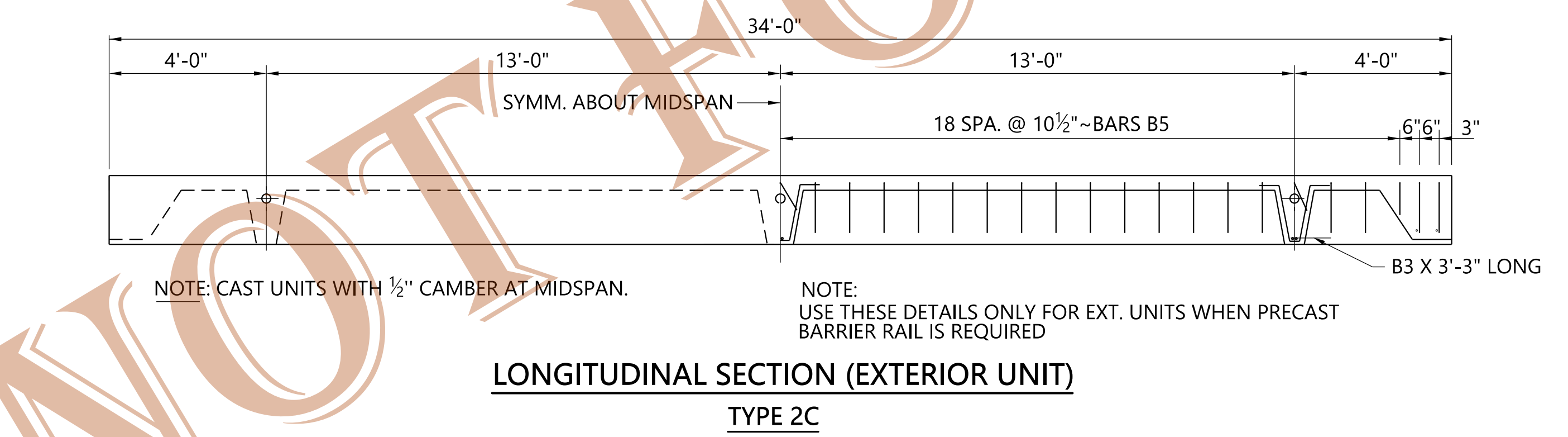


NOTE: ADJACENT PRECAST UNITS SHALL BE LONGITUDINALLY CONNECTED WITH 1" X 3'-0" A-307 BOLTS AND STANDARD NUTS AND WASHERS.

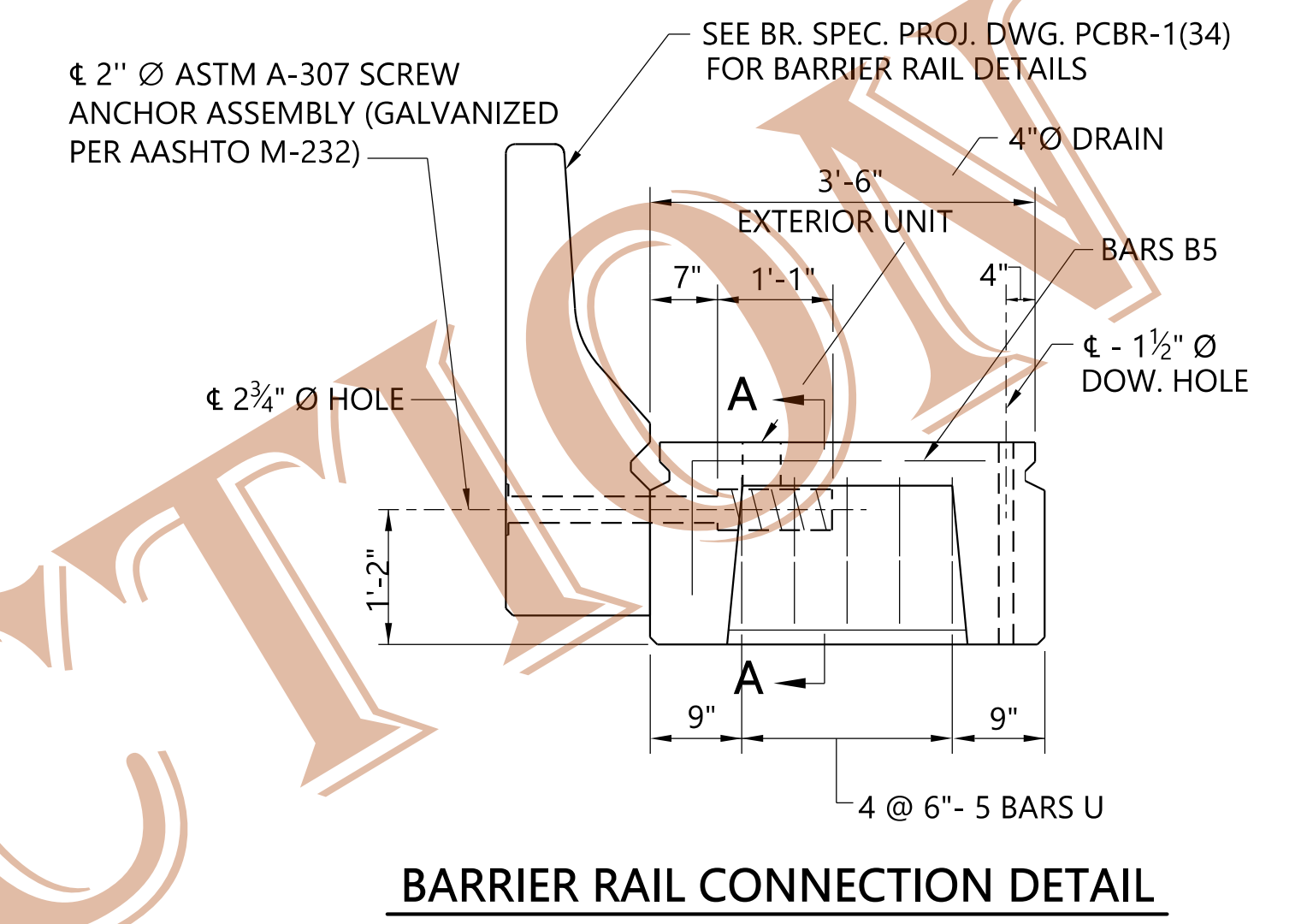


NOTE: CAST UNITS WITH 1/2" CAMBER AT MIDSPAN.

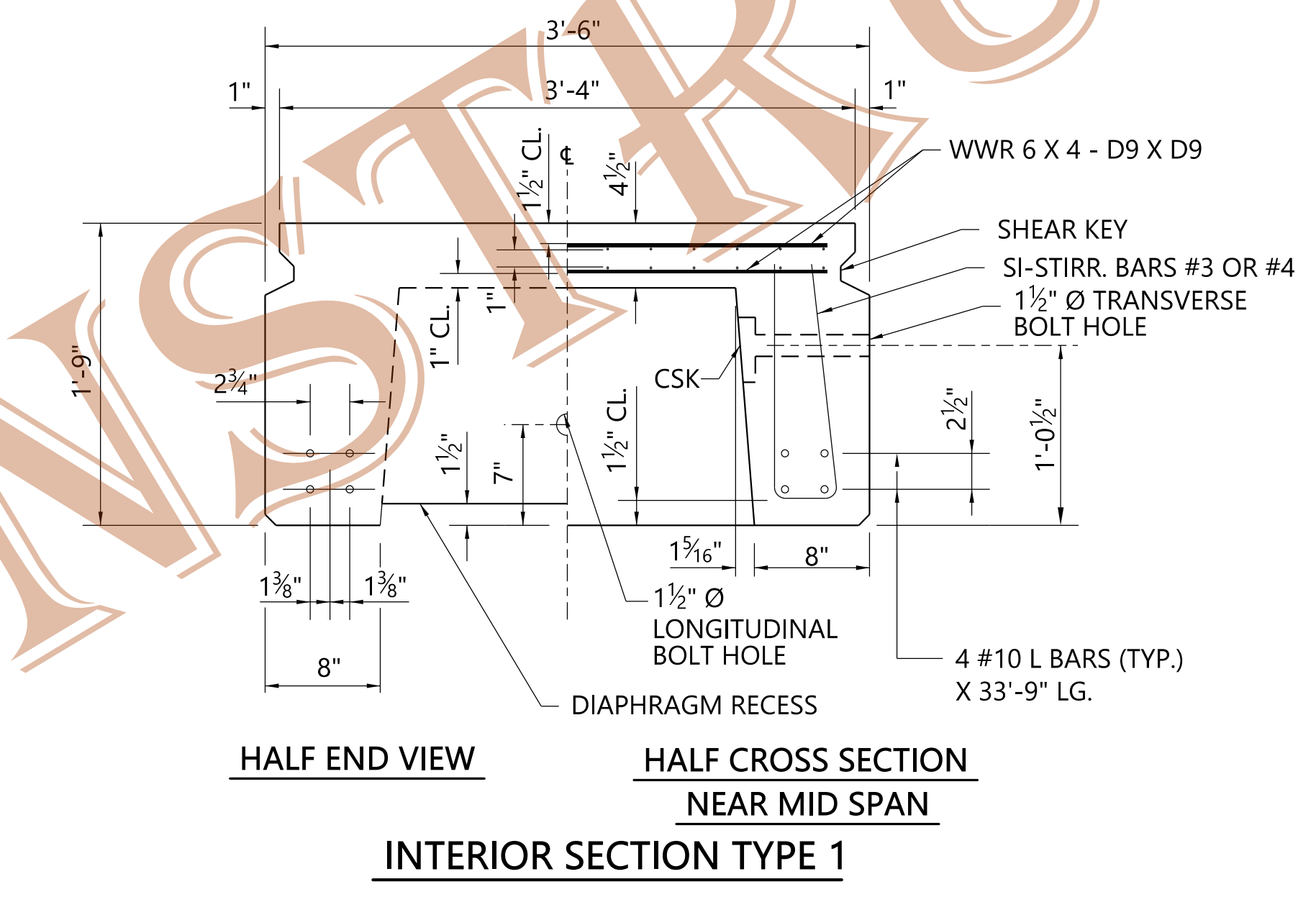
NOTE: USE THESE DETAILS ONLY FOR EXT. UNITS WHEN PRECAST BARRIER RAIL IS REQUIRED



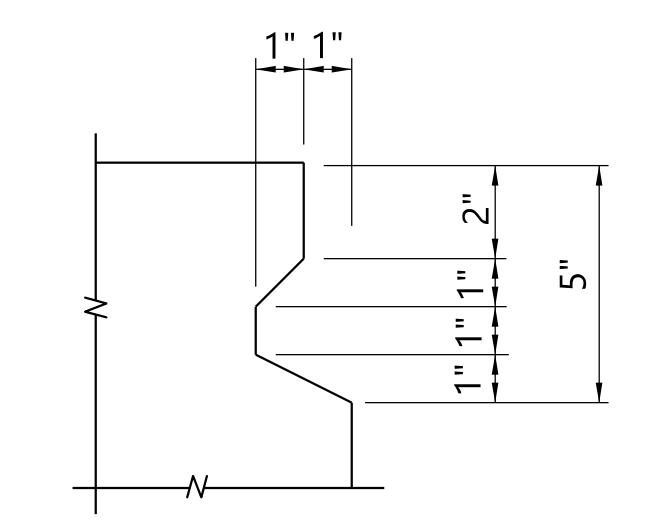
HALF END VIEW HALF CROSS SECTION NEAR MIDSPAN EXTERIOR SECTION TYPE 2C



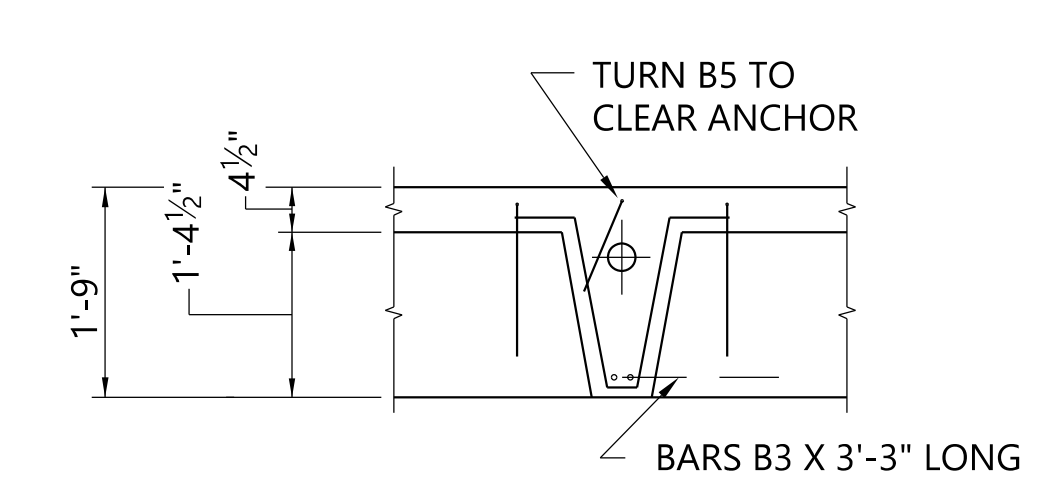
NOTE: SCREW ANCHOR ASSEMBLY DESIGN LOAD = 50 KIPS TENSION. PRECAST MANUFACTURER CERTIFICATIONS VALIDATING THAT FURNISHED/PROPERLY INSTALLED SCREW ANCHOR ASSEMBLY IS CAPABLE OF DEVELOPING TWICE THE SPECIFIED DESIGN LOAD (100 KIPS) SHALL BE SUBMITTED TO THE PROJECT ENGINEER PRIOR TO BARRIER RAIL INSTALLATION.



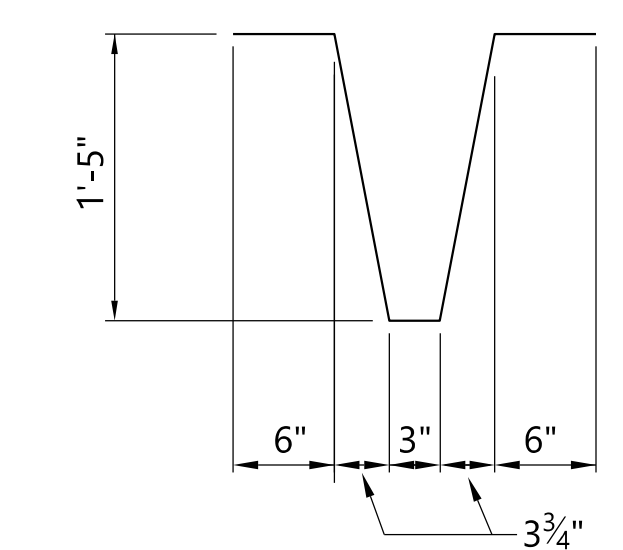
HALF END VIEW HALF CROSS SECTION NEAR MIDSPAN INTERIOR SECTION TYPE 1



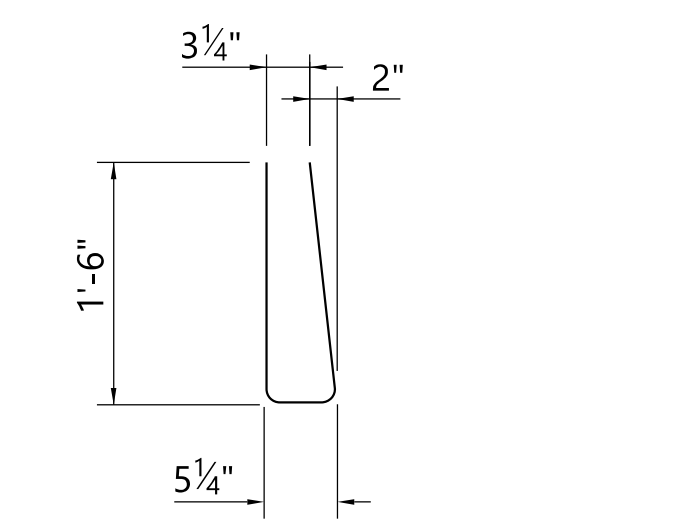
SHEAR KEY DETAIL



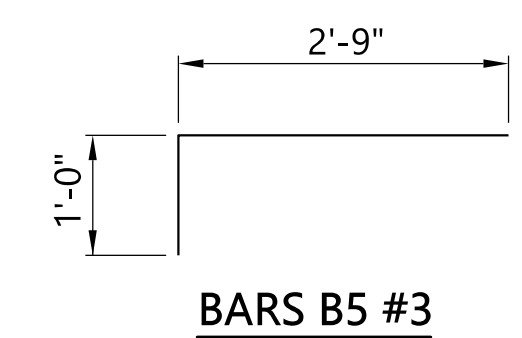
SECTION "A-A"



BARS U #3



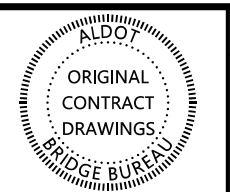
BEAM STIRRUPS BARS #3 OR #4-SI



BARS B5 #3

ASSISTANT BRIDGE ENGINEER DATE 1/7/22	BRIDGE ENGINEER DATE 1/7/22
--	------------------------------------

ALABAMA DEPARTMENT OF TRANSPORTATION



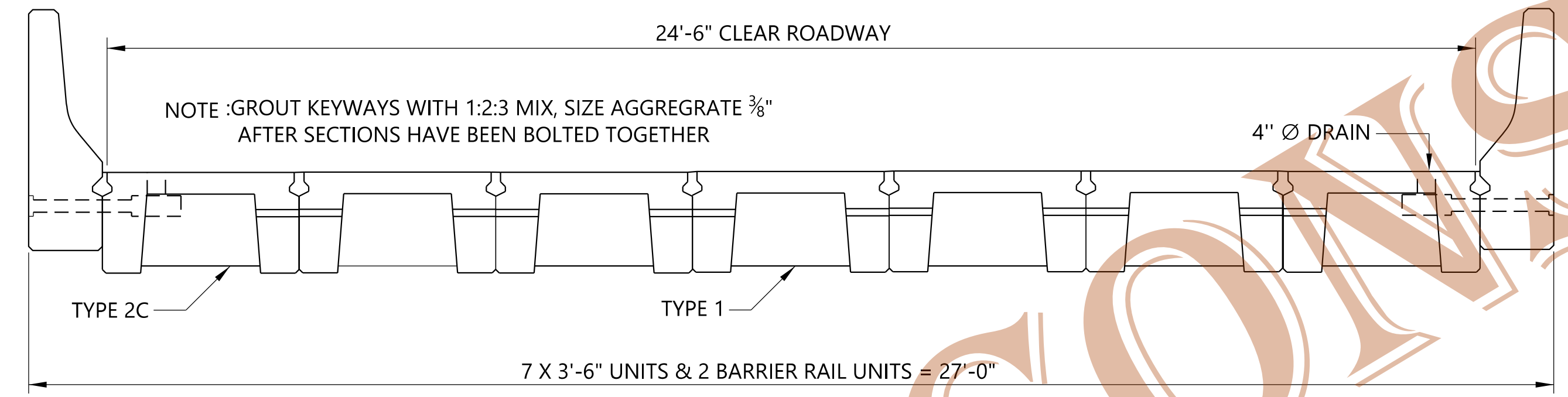
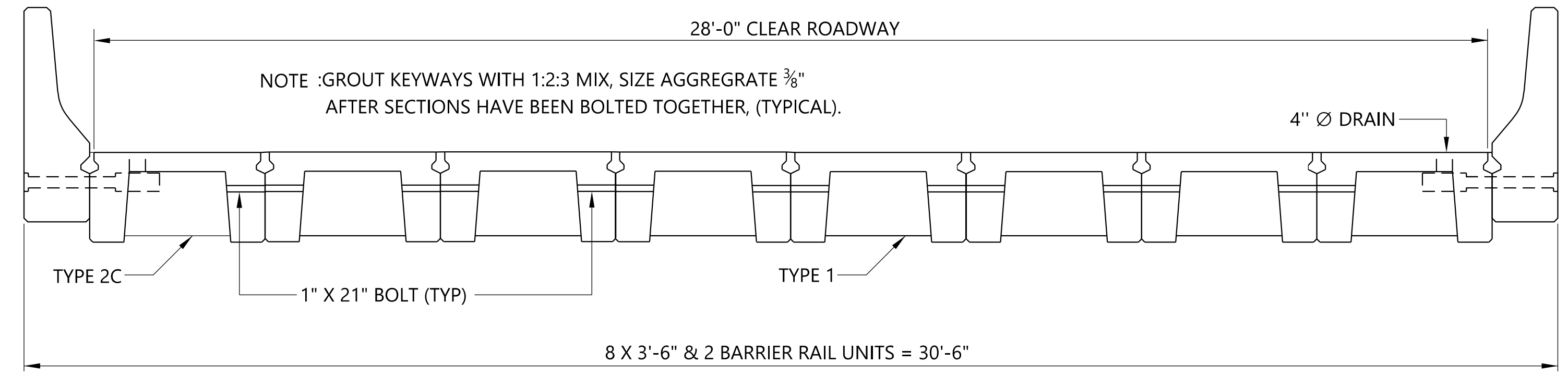
REVISIONS

THIS BRIDGE SPECIAL PROJECT DRAWING FOR USE ONLY ON:
 PROJECT NO. _____
 COUNTY(S) _____

THESE DRAWINGS REPRESENT DESIGNS PREPARED FOR USE BY THE ALABAMA DEPARTMENT OF TRANSPORTATION AND ARE NOT TO BE COPIED, REPRODUCED, ALTERED, OR USED BY ANYONE, OR ANY ORGANIZATION, WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ALABAMA DEPARTMENT OF TRANSPORTATION REPRESENTATIVE AUTHORIZED TO APPROVE SUCH USE. ANYONE MAKING UNAUTHORIZED USE OF THESE DRAWINGS MAY BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW.

PRECAST CONCRETE SLABS - 34' SPANS
 24'-6" & 28'-0" ROADWAYS

BRIDGE SPECIAL PROJECT DRAWING	SHEET 1 OF 2
PC-34-2	



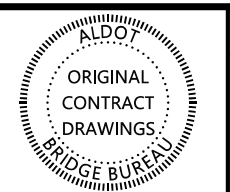
TYPICAL SECTIONS

GENERAL NOTES

1. ROADWAY: VARIABLE WIDTH ROADWAYS AS SHOWN.
2. SPECIFICATIONS: ALABAMA DEPARTMENT OF TRANSPORTATION, CURRENT EDITION.
3. DESIGN LOADING: A.A.S.H.T.O. HS20-44
4. STEEL REINFORCEMENT: REINFORCING STEEL SHALL MEET THE REQUIREMENTS OF SECTION 835 OF THE STANDARD SPECIFICATIONS.
5. WELDED FABRIC: SHALL CONFORM TO THE REQUIREMENTS FOR WELDED STEEL WIRE REINFORCEMENT, SECTION 835 OF THE STANDARD SPECIFICATIONS. ALSO SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M221 AND M225.
6. EXPANSION JOINTS: JOINT FILLER TO BE A.A.S.H.T.O. M-213 MODIFIED. SEALED IN ACCORDANCE WITH SUBARTICLE 832.02(c).
7. CONCRETE: CONCRETE SHALL CONFORM TO SECTION 512 OF THE STANDARD SPECIFICATIONS. COMPRESSIVE STRENGTH SHALL BE 5,000 P.S.I.
8. HARDWARE: ALL BOLTS SHALL CONFORM TO ASTM A-307 AND BE GALVANIZED IN ACCORDANCE WITH AASHTO M-232.

\\bvms002\bridge\standard\special\bridge\special DGN Files\Working Folder For Redetailed Precast BSPD(2023)\PC34-2.dgn

PLOTTED: 07-Jan-22 at 08:55



REVISIONS

THIS BRIDGE SPECIAL PROJECT DRAWING FOR USE ONLY ON:
PROJECT NO. _____
COUNTY(S) _____

THESE DRAWINGS REPRESENT DESIGNS PREPARED FOR USE BY THE ALABAMA DEPARTMENT OF TRANSPORTATION AND ARE NOT TO BE COPIED, REPRODUCED, ALTERED, OR USED BY ANYONE, OR ANY ORGANIZATION, WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ALABAMA DEPARTMENT OF TRANSPORTATION REPRESENTATIVE AUTHORIZED TO APPROVE SUCH USE. ANYONE MAKING UNAUTHORIZED USE OF THESE DRAWINGS MAY BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW.

PRECAST CONCRETE BRIDGE
SLABS - 34' SPANS
24'-6" & 28'-0" ROADWAYS

BRIDGE SPECIAL PROJECT DRAWING	
PC-34-2	SHEET 2 OF 2