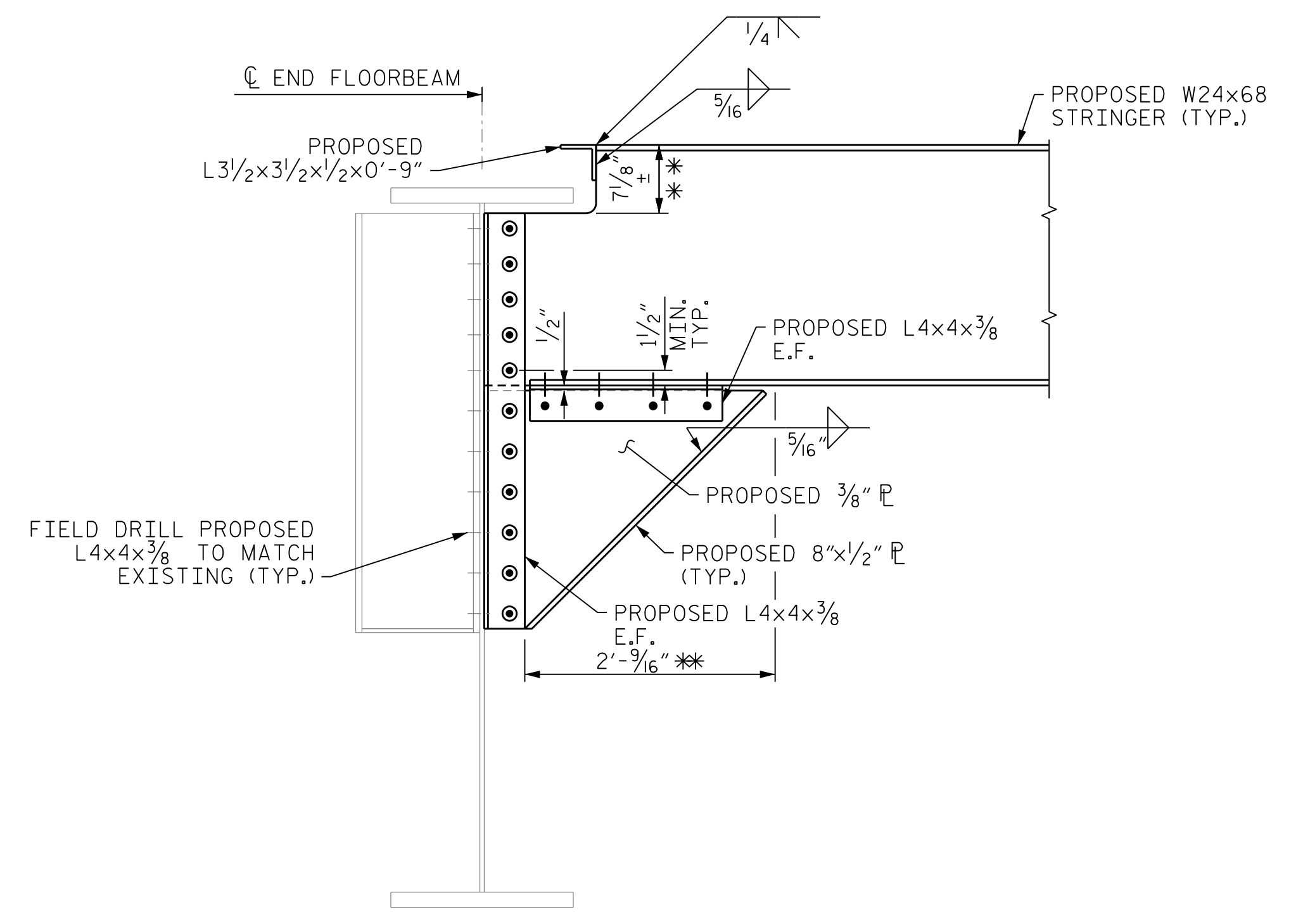


EXISTING STRINGER S3-6 AND S9-12 END DETAILS



PROPOSED STRINGER S9-12 AT FBO

**FIELD VERIFY THIS DIMENSION AS THIS DIMENSION IS APPROXIMATED ASSUMING THAT THE LIFT SPAN FINGER JOINT WILL NEED TO BE RAISED 3/4" ± AT EACH SOUTHWEST END STRINGER LOCATION (S8-S14). (FIELD DRILLED BOLTS THROUGH STRINGER TOP FLANGE NOT SHOWN IN THIS VIEW.)

BOLT LEGEND:

- EXISTING BOLT
- ⊙ NEW BOLT IN EXISTING HOLE OR IN HOLE FIELD DRILLED TO MATCH EXISTING HOLE
- NEW BOLT IN NEW HOLE

NOTES:

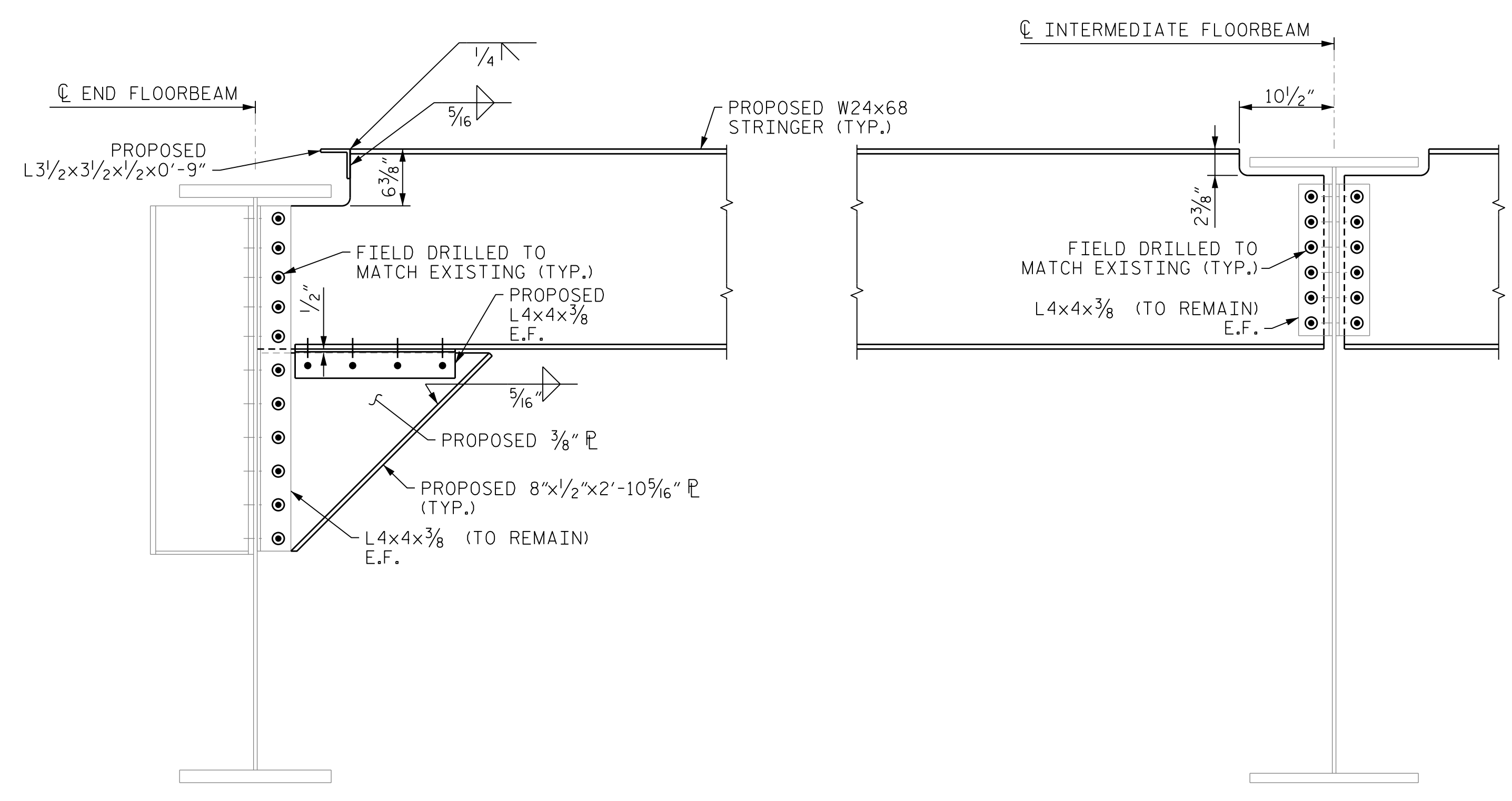
ALL BOLTS ARE 7/8" DIAMETER ASTM F3125 GRADE A325 GALVANIZED HIGH STRENGTH BOLTS UNLESS OTHERWISE SHOWN.

* FIELD VERIFY LOCATION OF EXISTING STRINGERS BEFORE SUBMITTING SHOP DRAWINGS.

ANY BOLTS LOOSENED FROM ANY CONNECTION DURING CONSTRUCTION SHALL BE REPLACED WITH NEW BOLTS TIGHTENED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.

THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT A FEW OF THE EXISTING STRINGER CONNECTIONS AT THE END FLOORBEAMS CONTAIN RIVETS.

SEE OPEN GRID DECK DRAWINGS FOR STRINGER TO DECK CONNECTION DETAILS.



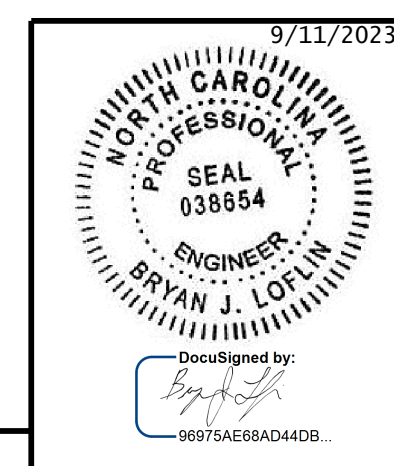
PROPOSED STRINGER S3-6 AND S9-12 END DETAILS

(TYPICAL UNLESS NOTED OTHERWISE.) (FIELD DRILLED BOLTS THROUGH STRINGER TOP FLANGE NOT SHOWN IN THIS VIEW.)

PROJECT NO. 15BPR.102.3
 NEW HANOVER COUNTY
 BRIDGE NO. 640013

SHEET 3 OF 4

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
STRUCTURAL STEEL END STRINGERS					
SHEET NO. S-16					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
					TOTAL SHEETS 21



DESIGNED BY:	C. CORMAN	DATE:	AUG 2023
DRAWN BY:	R. JOHNSON	DATE:	AUG 2023
CHECKED BY:	M. NIFONG	DATE:	AUG 2023
DESIGN ENGINEER OF RECORD:	B. LOFLIN	DATE:	SEP 2023

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

9/11/2023 401.031.15BPR.102.5ML.SS05.16.dgn