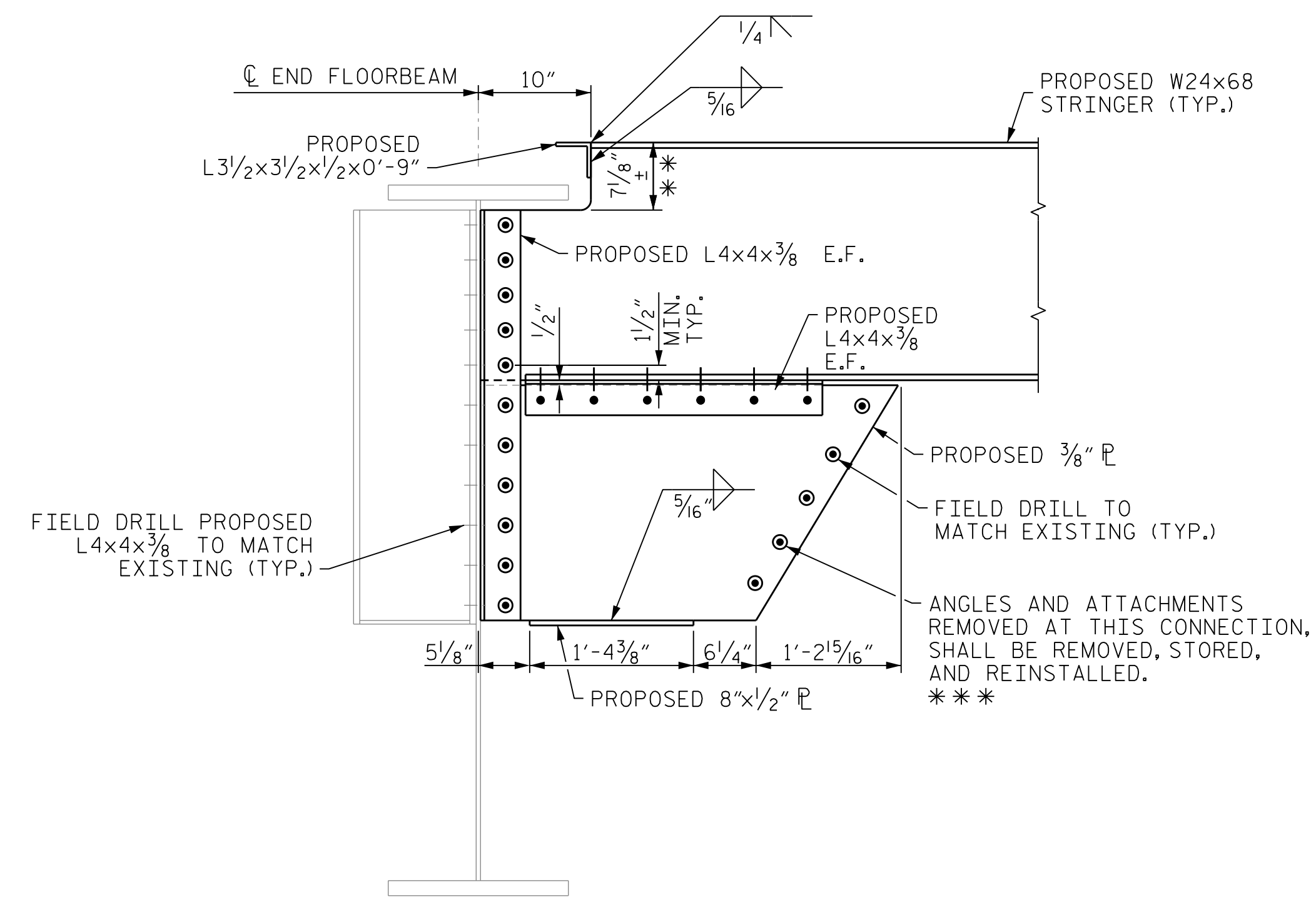


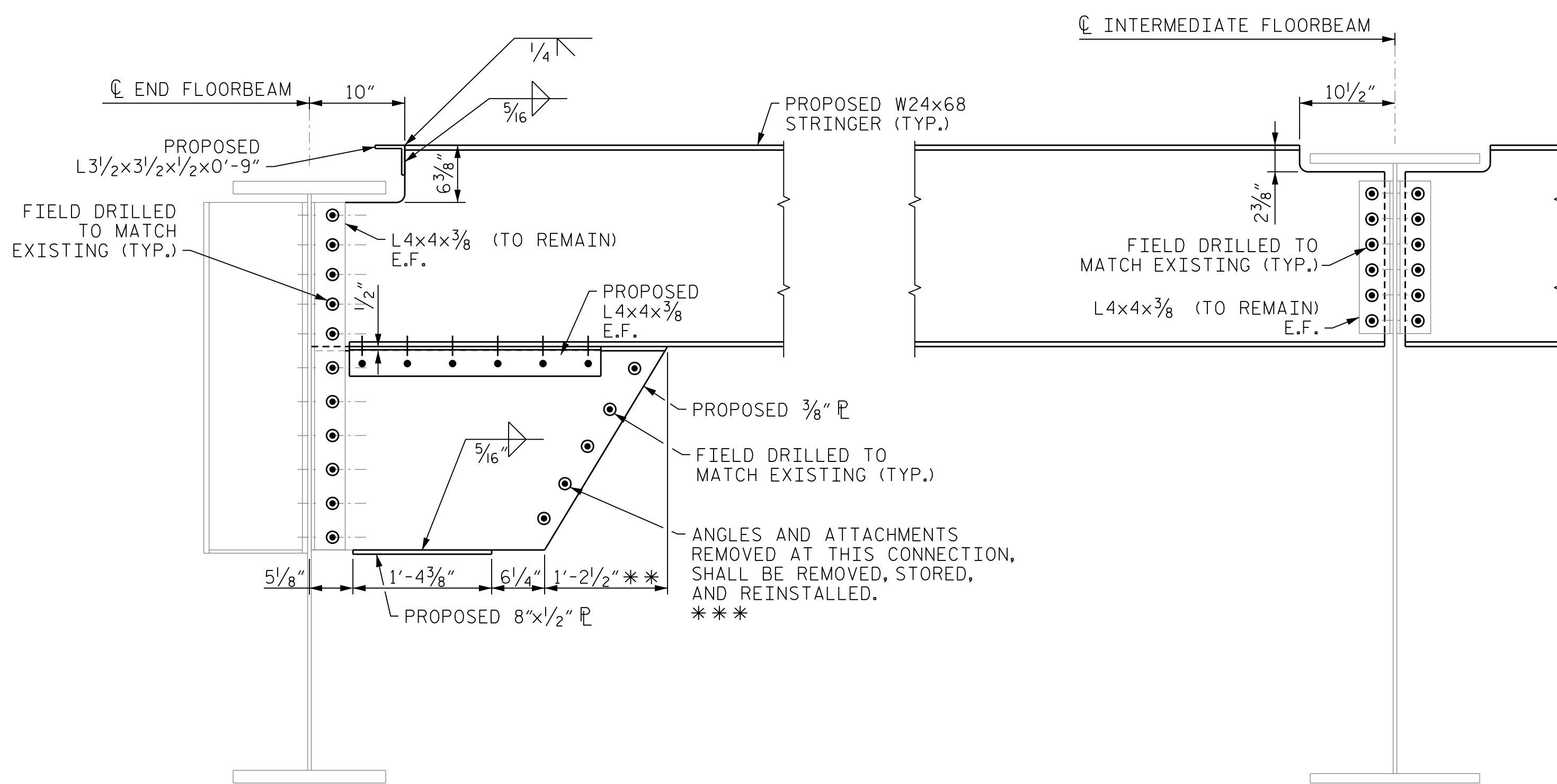
EXISTING STRINGER S2 AND S13 END DETAILS

*** TO FACILITATE OPERATION OF THE LIFT SPAN, TEMPORARY BRACING SHALL BE INSTALLED IMMEDIATELY AFTER THE REMOVAL OF THE EXISTING LOCK BAR BRACING. CONTRACTOR SHALL SUBMIT TEMPORARY BRACING FOR APPROVAL. COST OF TEMPORARY BRACING SHALL BE INCLUDED IN THE COST OF THE STRUCTURAL STEEL.



PROPOSED STRINGER S13 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\"/>



PROPOSED STRINGER S2 AND S13 END DETAILS

(TYPICAL UNLESS NOTED OTHERWISE.) (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:

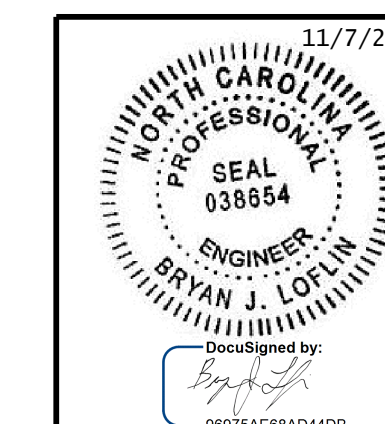
- ALL BOLTS ARE 7/8\"/>
- * FIELD VERIFY LOCATION OF EXISTING STRINGERS BEFORE SUBMITTING SHOP DRAWINGS.
- ANY BOLTS LOOSENED FROM ANY CONNECTION DURING CONSTRUCTION SHALL BE REPLACED WITH NEW BOLTS TIGHTENED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR'S ATTENTION IS CALLED TO THE 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.

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

SHEET 2 OF 4



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



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**STRUCTURAL STEEL
 END STRINGERS**

REVISIONS

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

SHEET NO.
 S-15
 TOTAL SHEETS
 21

**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**

11/7/2023 401.029.15BPR.102_SML_S504_15.dgn

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