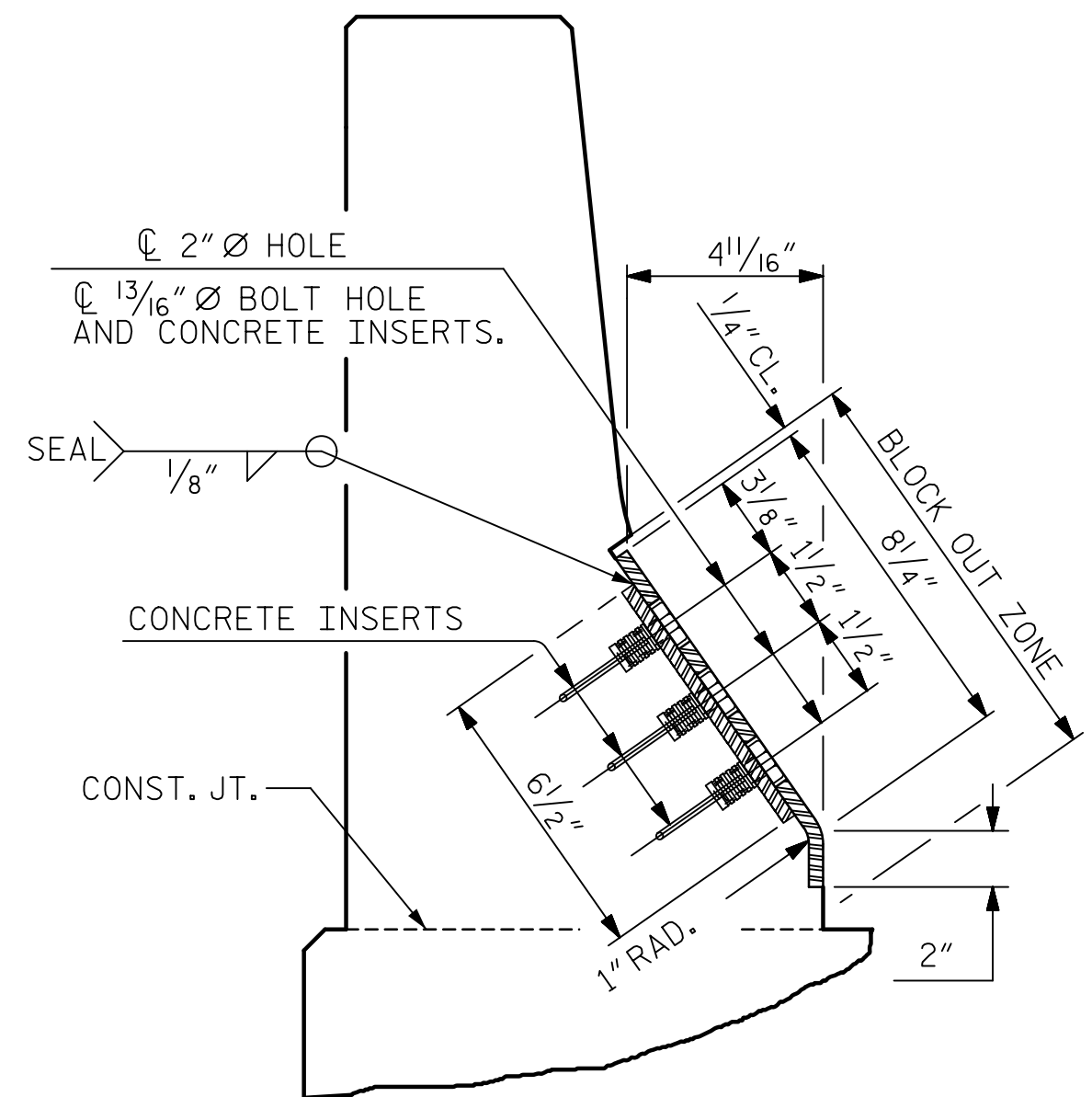
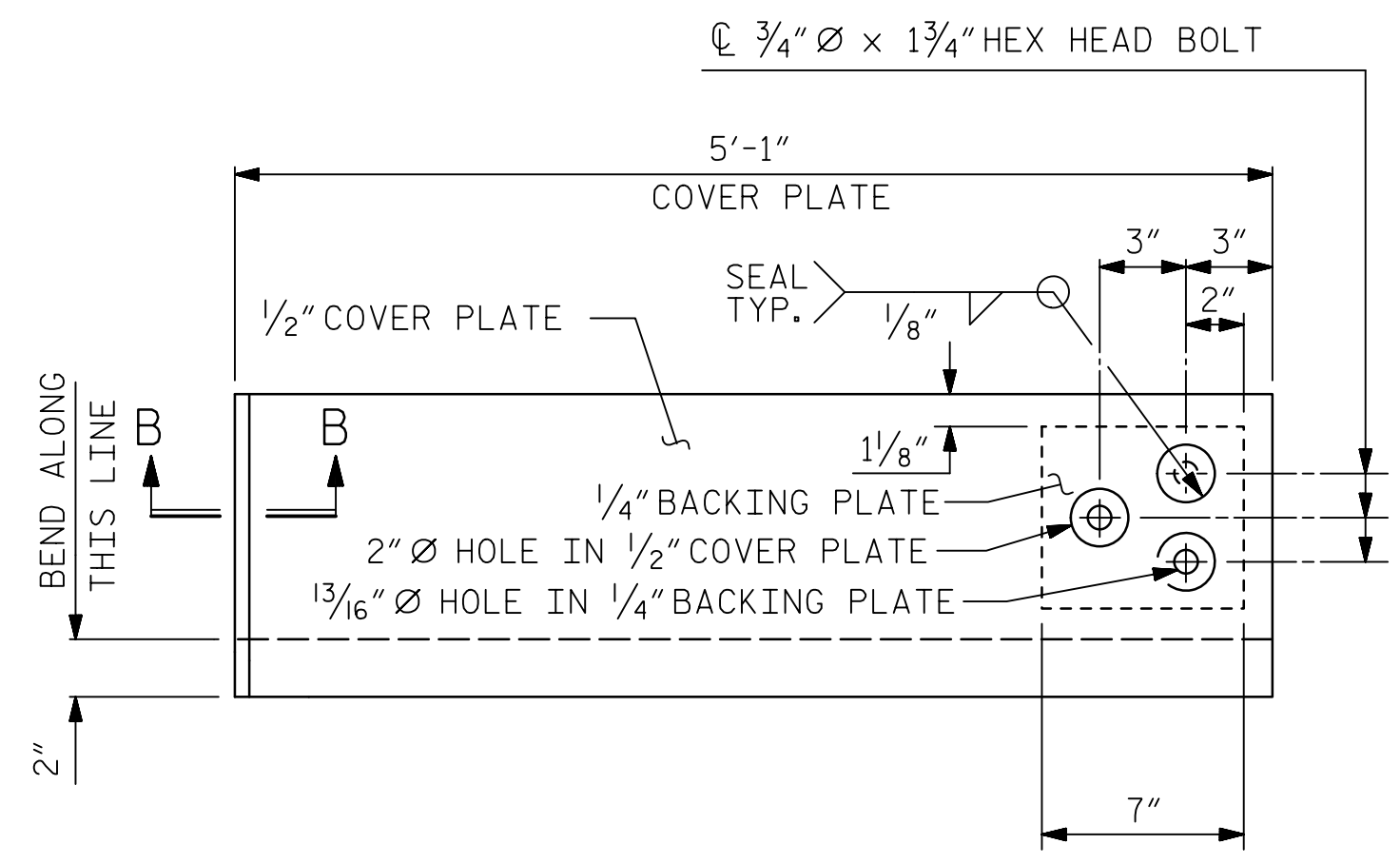


DATE: 01/27/2020  
TIME: 4:03:17 PM

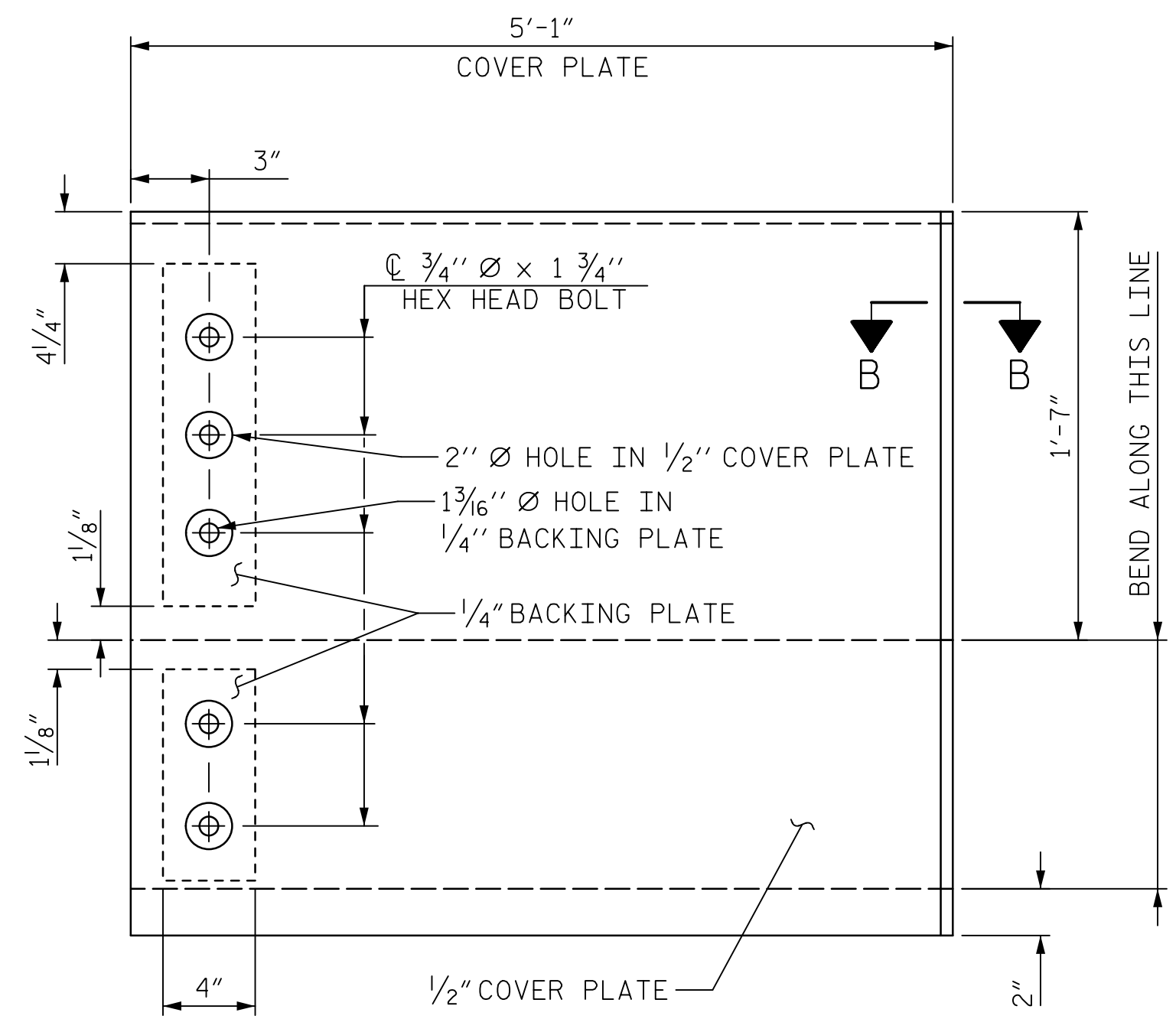
USER: Merch/Research  
DN: R:\Structurals\04 Drawings\01\_193\_15BPR20\_SML\ME12.dgn



SECTION THRU BARRIER RAIL NORMAL TO JOINT



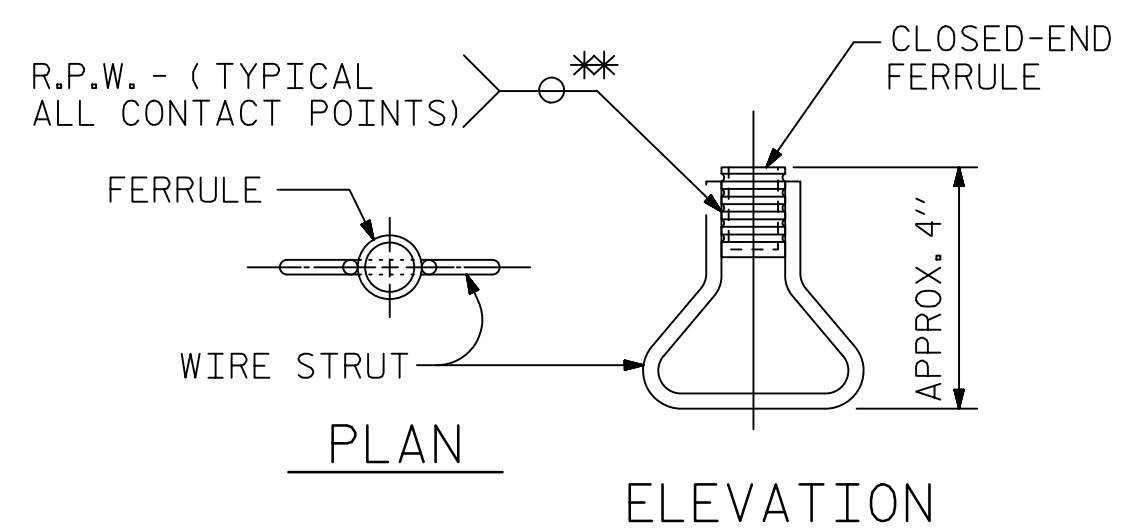
TYPE I - ELEVATION VIEW



TYPE II - ELEVATION VIEW

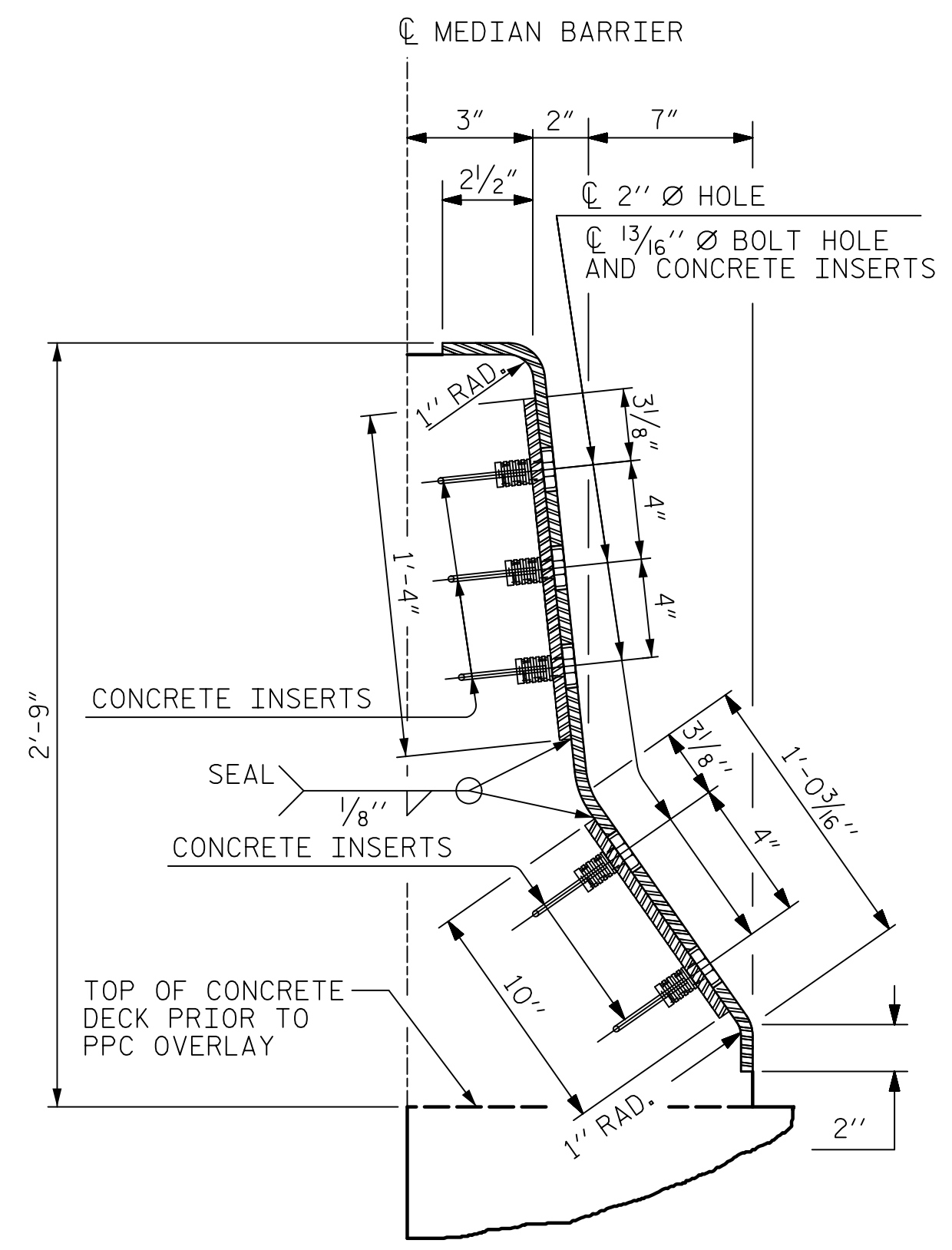
COVER PLATE DETAILS

NOTES:  
FOR NOTES, SEE SHEET 1.



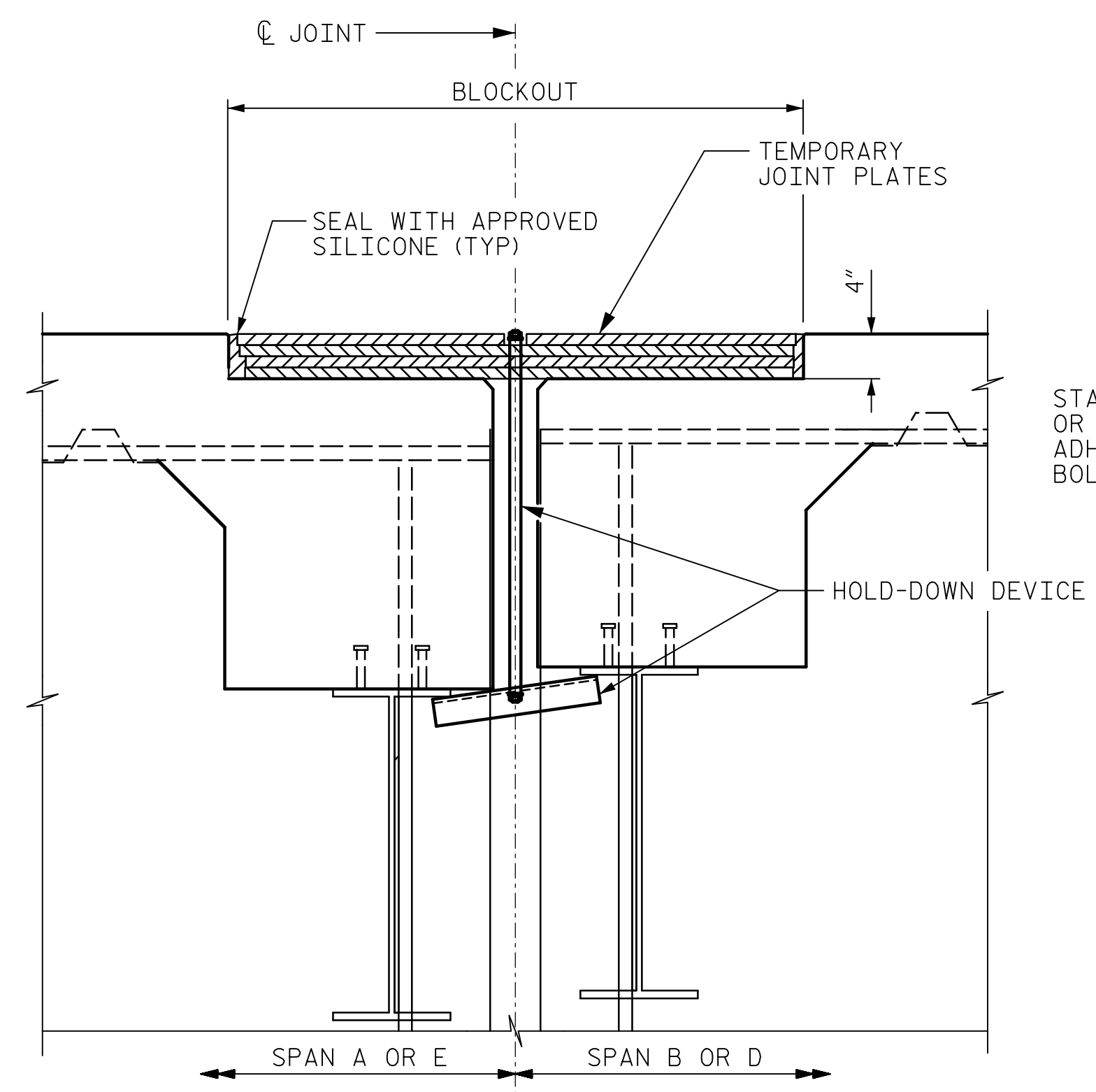
CONCRETE INSERT

\* EACH WELDED ATTACHMENT OF WIRE TO FERRULE SHALL DEVELOP THE TENSILE STRENGTH OF THE WIRE.

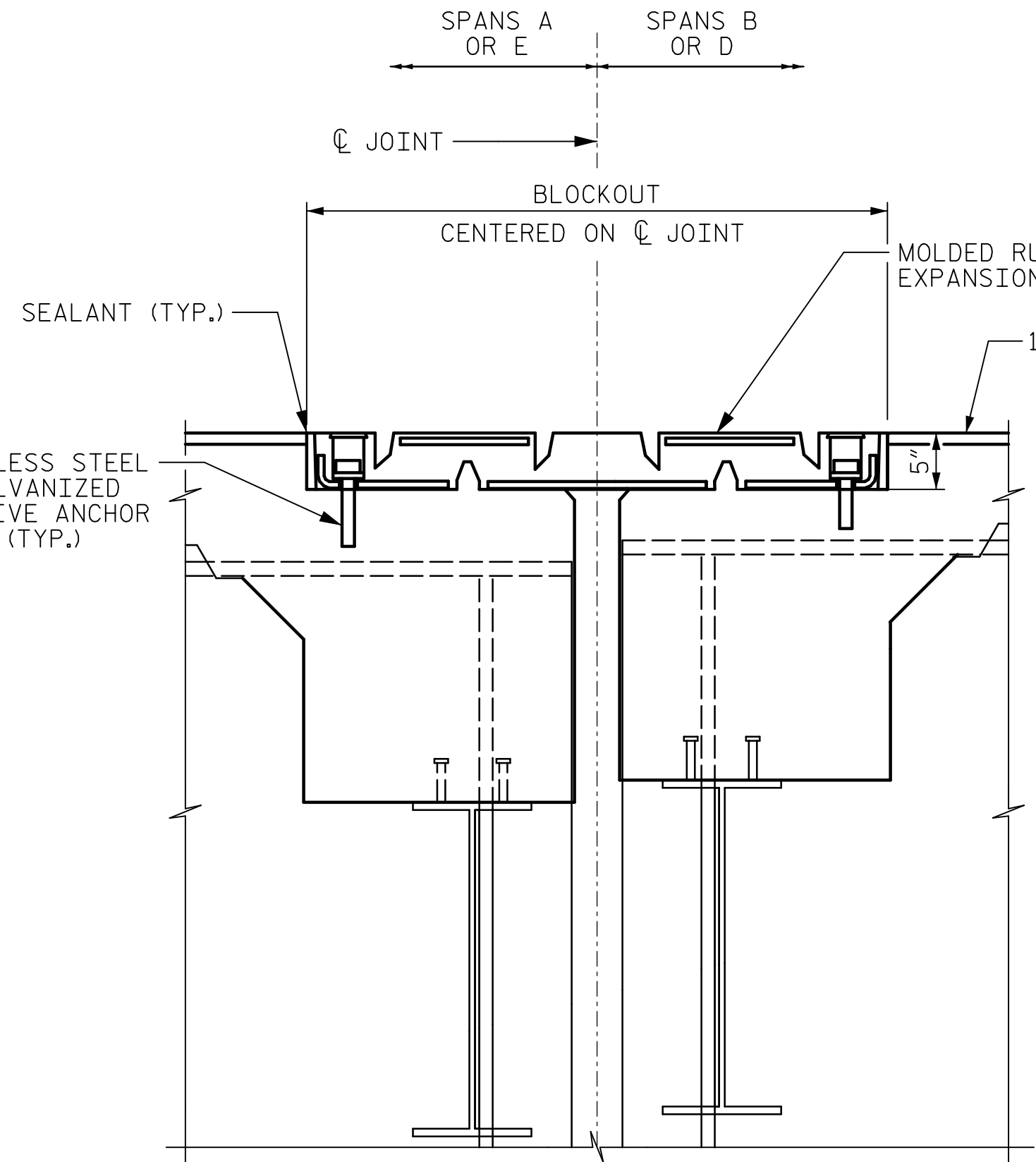


SECTION THRU MEDIAN BARRIER NORMAL TO JOINT

TRAFFIC FACE OF COVER PLATE SHALL GENERALLY FOLLOW MEDIAN BARRIER DIMENSIONS.



SECTION THRU TEMPORARY JOINT  
SCHEMATIC FOR REPRESENTATION ONLY. CONTRACTOR SHALL DESIGN JOINT PLATES AND HOLD DOWN DEVICE.



SECTION THRU FINAL JOINT

JOINT CONSTRUCTION SEQUENCE

1. CONSTRUCT DECK AND END DIAPHRAGM PER PLANS OR AS ADJUSTED FOR APPROVED JOINT TYPE.
2. INSTALL TEMPORARY JOINT AND BARRIER COVER PLATES. SEE SPECIAL PROVISIONS.
3. AFTER PPC OVERLAY IS COMPLETE IN THAT STAGE, REMOVE TEMPORARY JOINT PLATES. INSTALL MOLDED RUBBER SEGMENTAL EXPANSION JOINT PER MANUFACTURER'S SPECIFICATION. REINSTALL BARRIER COVER PLATES PRIOR TO TRAFFIC IN ADJACENT LANE.

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

|                                 |                |
|---------------------------------|----------------|
| DRAWN BY : K.M. DONALD          | DATE : 01/2019 |
| CHECKED BY : G.R. COLS          | DATE : 01/2019 |
| DESIGNED BY : G.R. COLS         | DATE : 01/2019 |
| DESIGN CHECKED BY : K.M. DONALD | DATE : 01/2019 |

PROJECT NO. 15BPR.20  
HENDERSON COUNTY  
STATION: 35+30.22 -L-  
SHEET 2 OF 2

|  |     |       |     |     |                  |
|--|-----|-------|-----|-----|------------------|
| STATE OF NORTH CAROLINA<br>DEPARTMENT OF TRANSPORTATION<br>RALEIGH     |     |       |     |     |                  |
| SUPERSTRUCTURE<br>MOLDED RUBBER SEGMENTAL EXPANSION JOINT SEAL DETAILS |     |       |     |     |                  |
| REVISIONS  |     |       |     |     |                  |
| NO.  | BY: | DATE: | NO. | BY: | DATE:            |
| 1  |     |       | 3   |     |                  |
| 2  |     |       | 4   |     |                  |
| SHEET NO. S-104  |     |       |     |     | TOTAL SHEETS 129 |