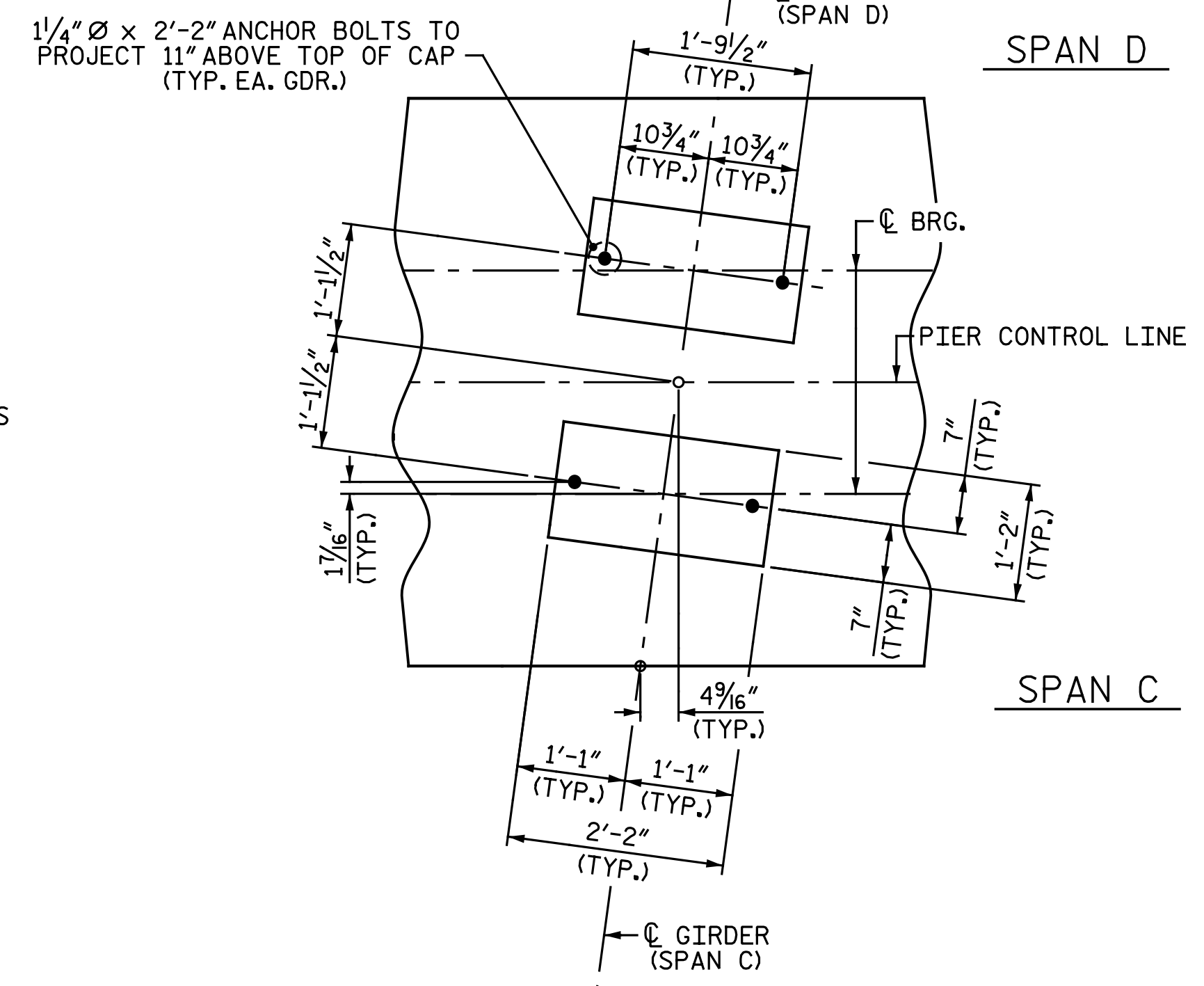


PLAN
 ① 1'-9 1/2"
 ② 82°-19'-36"

NOTES:
 FOR "SECTION A-A", SEE SHEET 2 OF 3.
 FOR "SECTION B-B", SEE SHEET 2 OF 3.
 FOR "SECTION C-C", SEE SHEET 3 OF 3.
 FOR "VIEW D-D", SEE SHEET 3 OF 3.
 FOR "DETAIL B", SEE SHEET 2 OF 3.

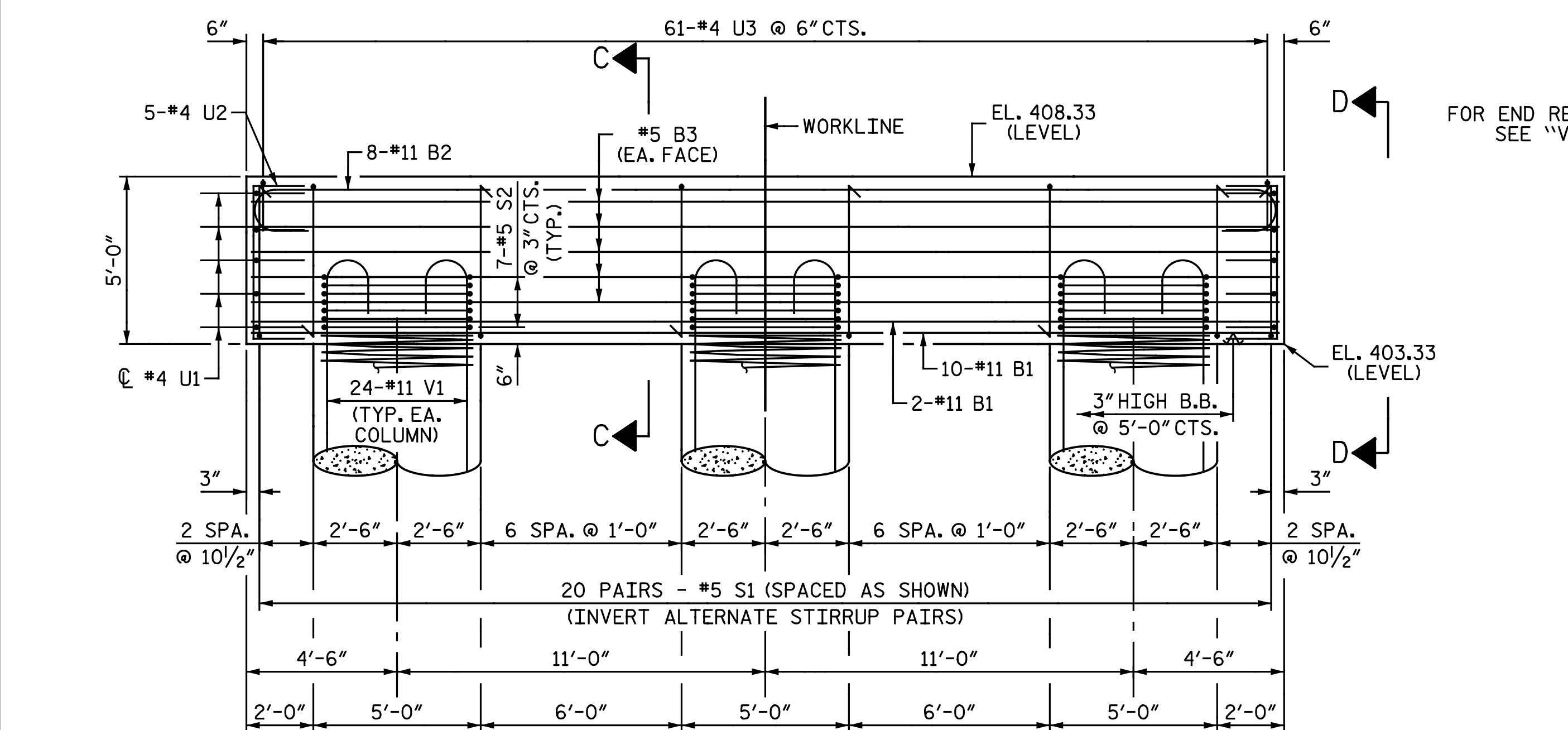
SEE SHEET 3 OF 3 FOR ADDITIONAL NOTES AND DETAILS.
 THE TOP SURFACE OF THE PIER CAPS SHALL BE CURED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS EXCEPT THE MEMBRANE CURING COMPOUND METHOD SHALL NOT BE USED.
 THE LOCATION OF THE CONSTRUCTION JOINT IN THE DRILLED PIERS IS BASED ON AN APPROXIMATE GROUND LINE ELEVATION. IF THE CONSTRUCTION JOINT IS ABOVE THE ACTUAL GROUND ELEVATION, THE CONTRACTOR SHALL PLACE THE CONSTRUCTION JOINT 1 FOOT BELOW THE GROUND LINE.
 METHOD A WATERPROOFING SHOULD BE APPLIED AROUND THE CONSTRUCTION JOINT AT THE COLUMN AND DRILLED PIER FOR EACH COLUMN.
 DAMPPROOFING SHOULD BE APPLIED TO ANY PART OF THE COLUMN THAT IS BELOW THE GROUND LINE.
 FOR TEMPORARY SPAN, REFER TO SHEETS S4-52 THRU S4-67. THE CONTRACTOR'S ATTENTION IS CALLED TO THE NEED FOR ANCHOR BOLT AND STEEL PIPE BLOCKOUTS TO BE INSTALLED IN THE CAP TO ACCOMMODATE THE TEMPORARY SPAN. REFER TO SHEETS S4-58 THRU S4-61 AND S4-66 THRU S4-67.



DETAIL A

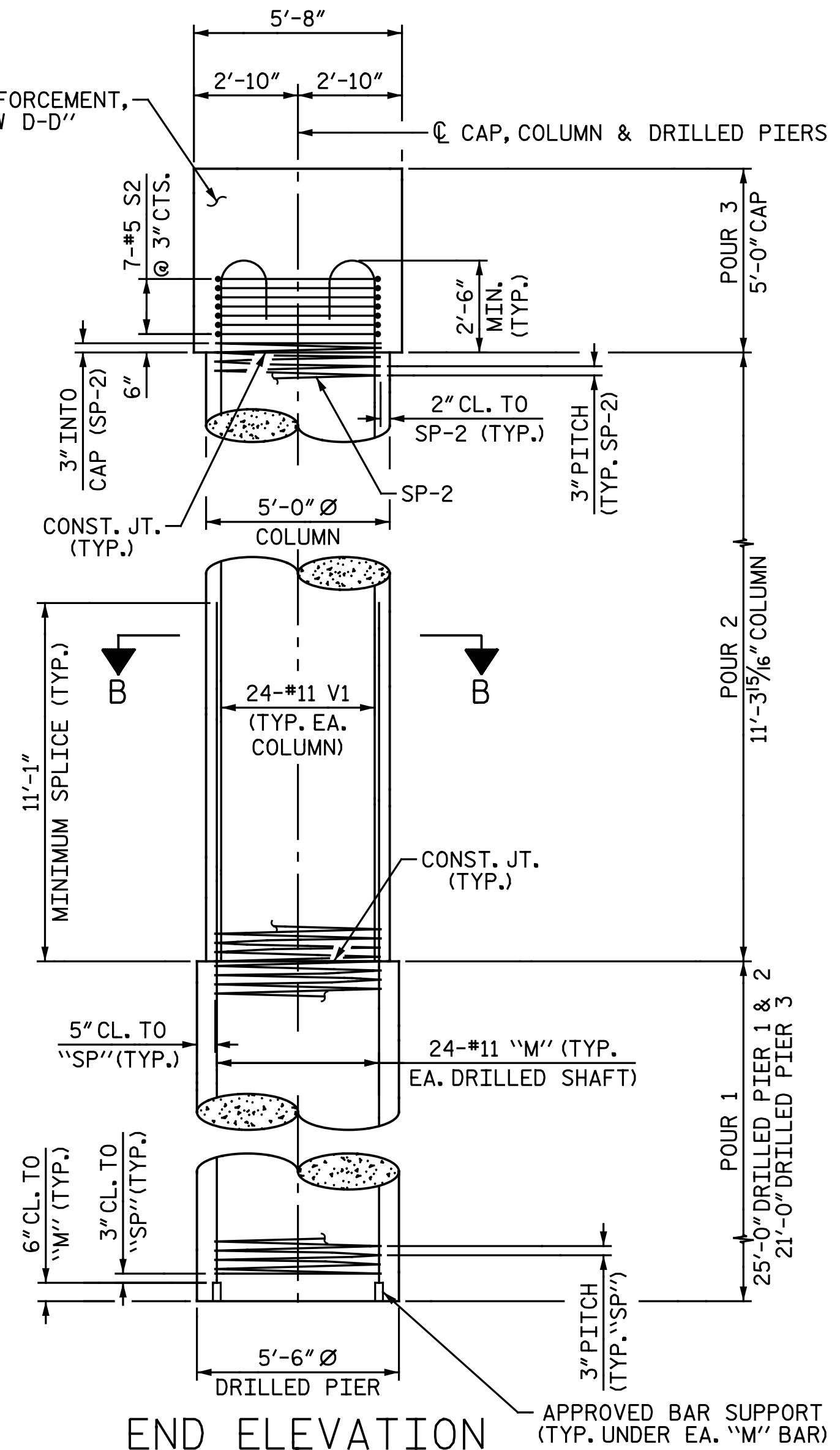
ALL DIMENSIONS AND DETAILS ARE TYPICAL FOR ALL BEARINGS AT EACH GIRDER LOCATION
 SEE "BEARING DETAILS" SHEET FOR BEARING ASSEMBLY DETAILS

PROJECT NO. U-3308
 DURHAM COUNTY
 STATION: 24+55.20 -LALT-
13+22.18 -CSXN-
 SHEET 1 OF 3

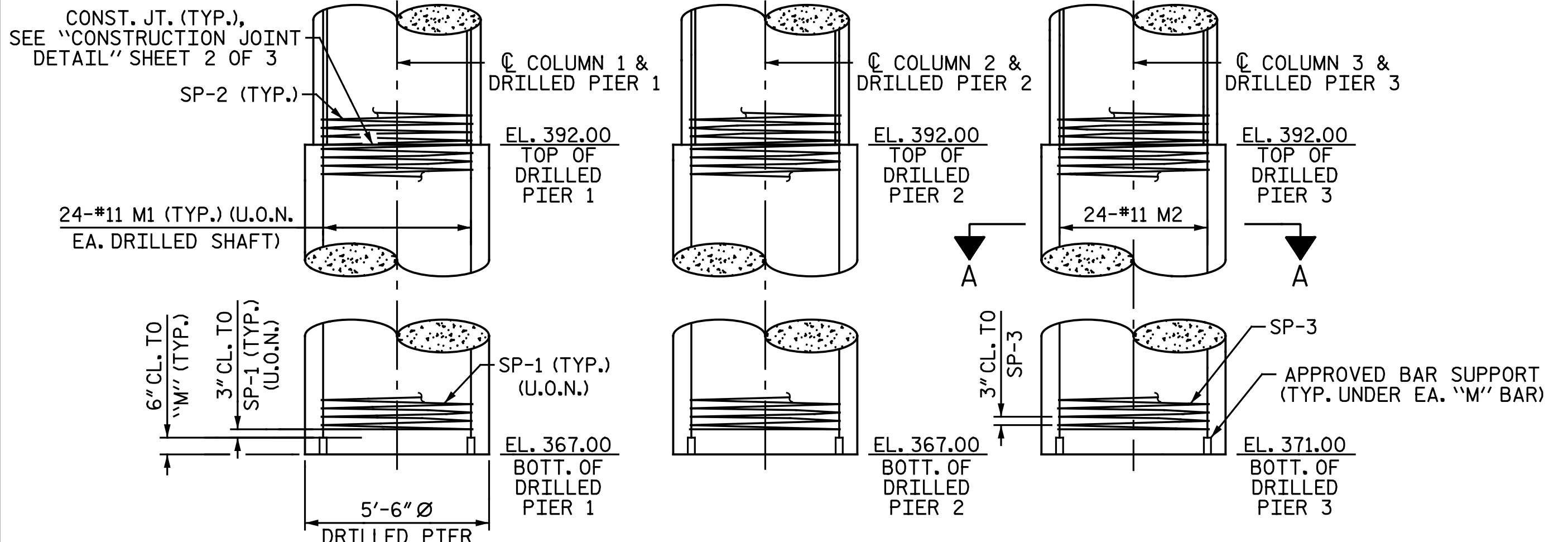


ELEVATION

ALL DIMENSIONS AND DETAILS SHOWN FOR DRILLED PIERS ARE TYPICAL FOR EACH PIER UNLESS OTHERWISE NOTED.



END ELEVATION



DRAWN BY: M. D. MAYHEW DATE: 5-9-14
 CHECKED BY: S. A. DENNEY DATE: 5-27-14



Michael Baker INTERNATIONAL

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 NC License No.: F-1084

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
SUBSTRUCTURE PIER 3					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO. S4-38
 TOTAL SHEETS 68