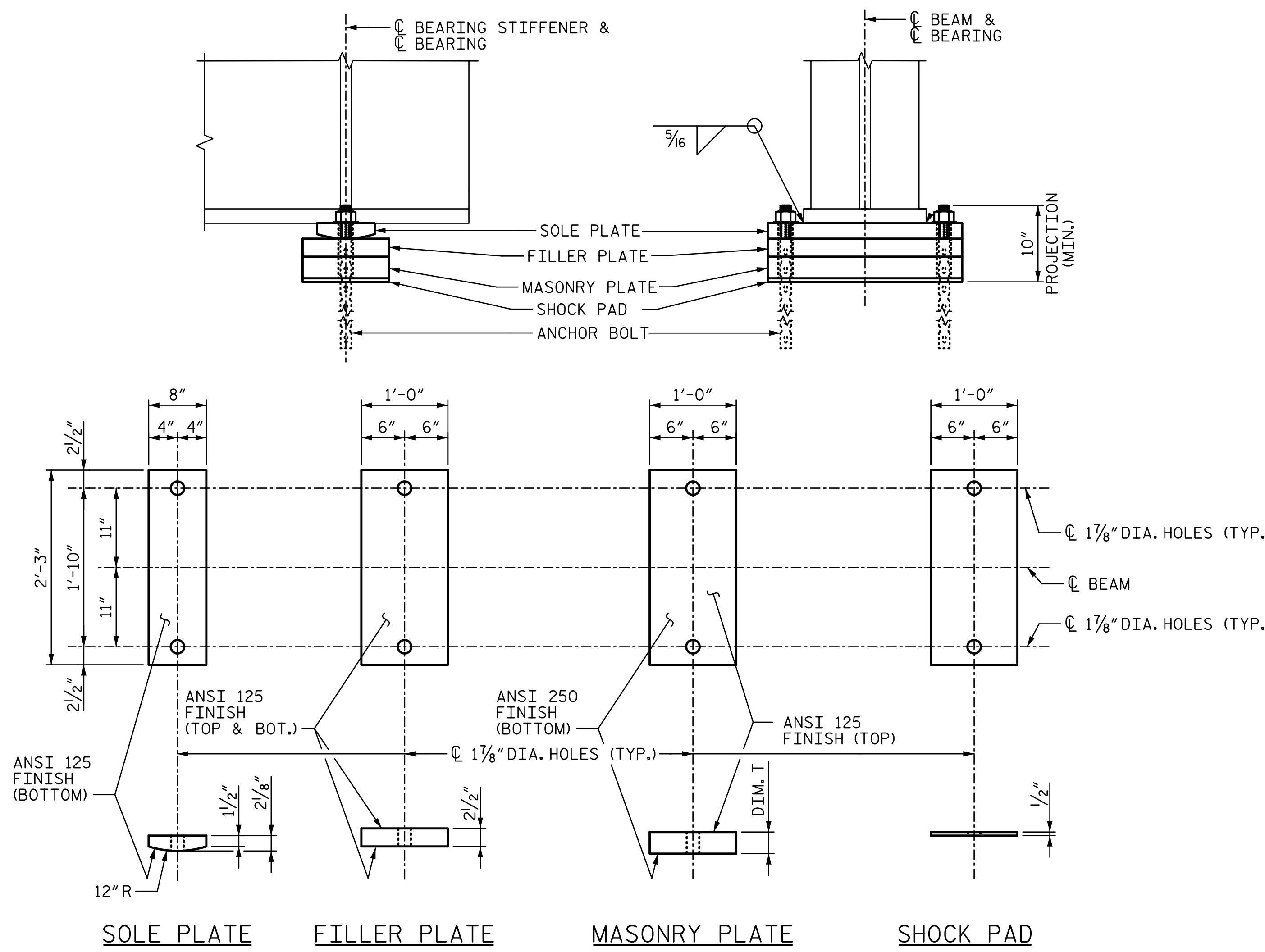
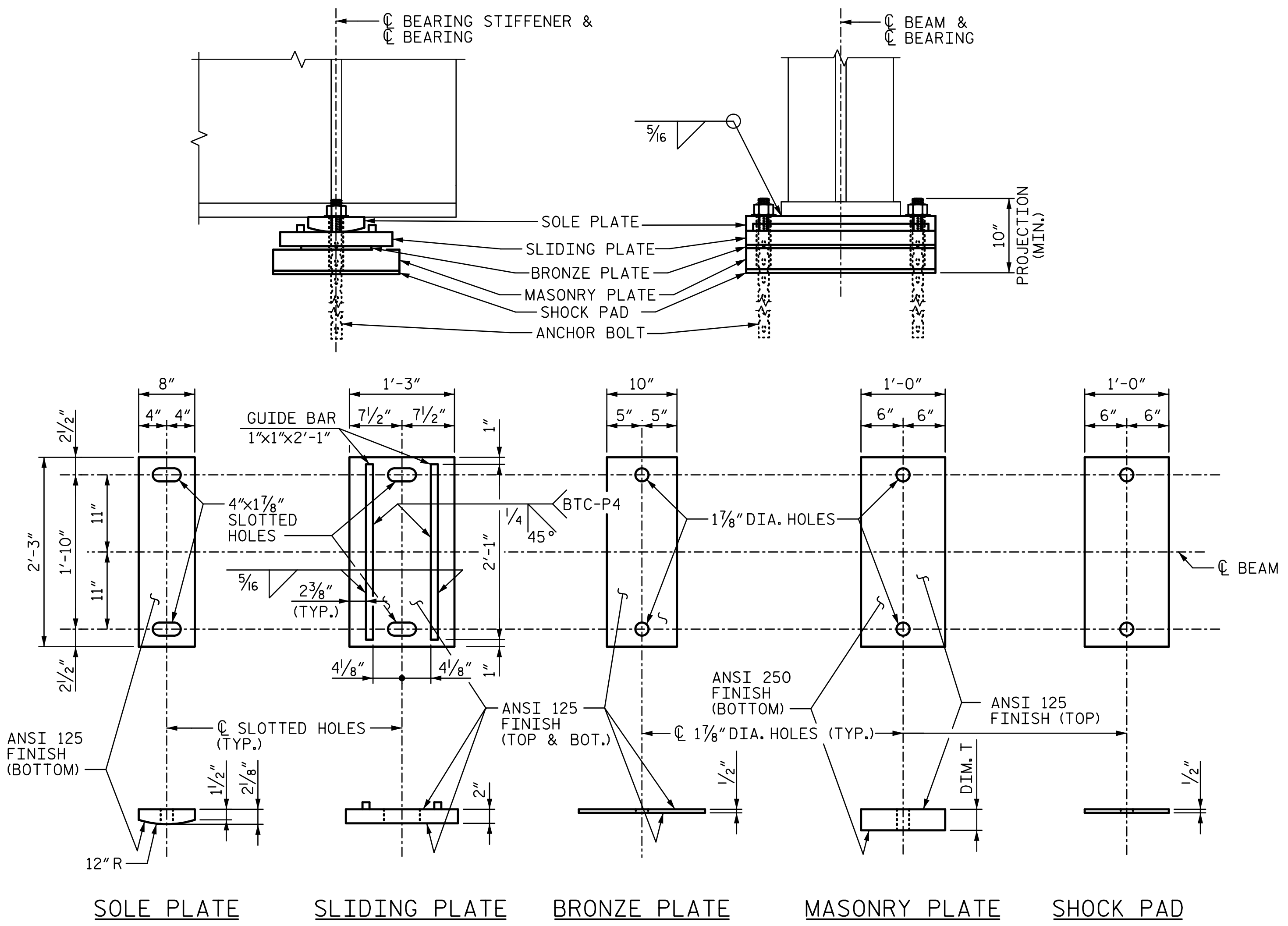


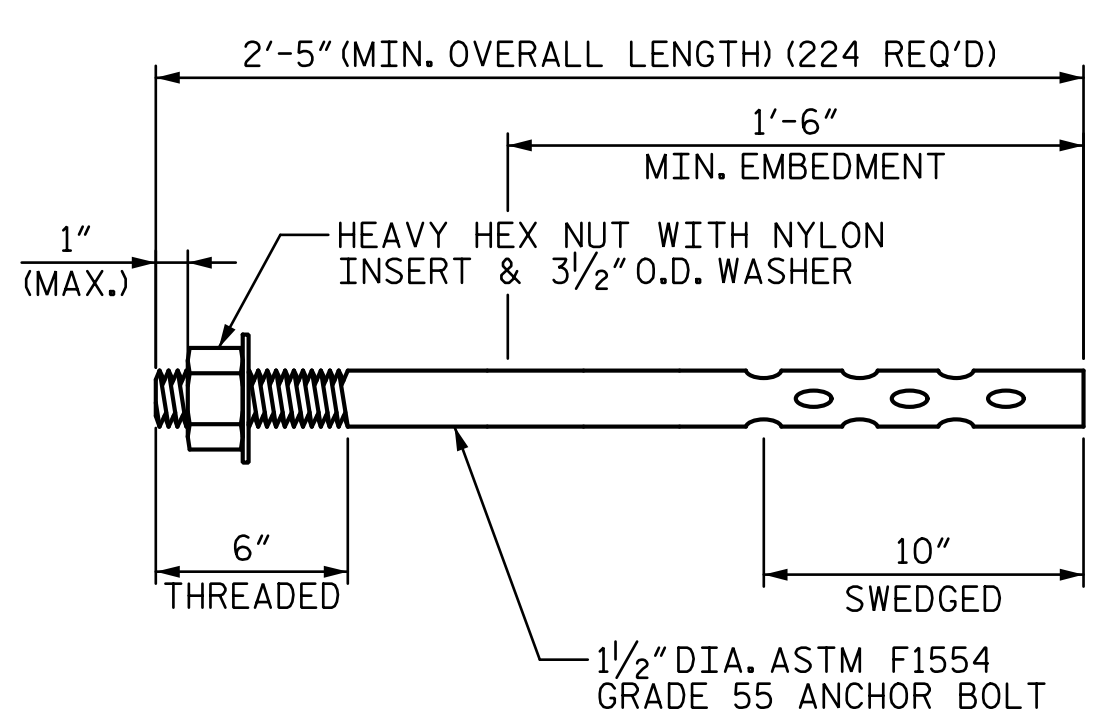
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BEARING ASSEMBLY - FIXED
(56 REQ'D)



BEARING ASSEMBLY - EXPANSION
(56 REQ'D)

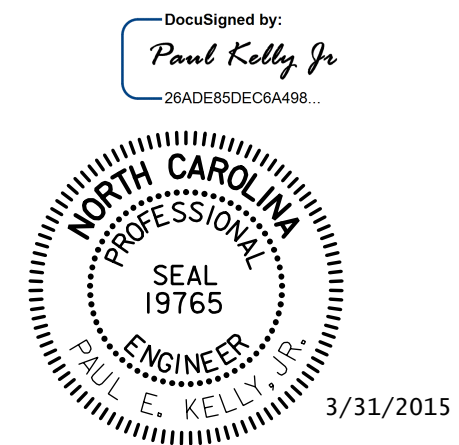


ANCHOR BOLT DETAIL

NOTES:
 ANCHOR BOLTS SHALL CONFORM TO ASTM F1554, GRADE 55, AS DESIGNATED IN THE PROJECT PLANS. ANCHOR BOLTS SHALL NOT BE PAINTED. ANCHOR BOLT NUTS AND WASHER SHALL CONFORM TO ASTM A563, GRADE C3 HEAVY HEX WITH NYLON INSERT AND ASTM F436, TYPE 3 CIRCULAR WASHERS, RESPECTIVELY. ANCHOR BOLTS AND ALL ASSOCIATED HARDWARE SHALL BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A153, CLASS C.
 AT ALL POINTS OF SUPPORT, NUTS FOR ANCHOR BOLTS SHALL BE TIGHTENED FINGER TIGHT AND GIVEN AN ADDITIONAL 1/4 TURN. THE THREAD OF THE NUT AND BOLT SHALL THEN BE BURRED WITH A SHARP POINTED TOOL.
 ALL BOLT HOLES SHALL BE SUB-DRILLED AND REAMED OR DRILLED FROM THE SOLID. AT NO TIME ARE HOLES TO BE SUB-PUNCHED AND REAMED OR PUNCHED FULL SIZE.
 SHOCK PADS SHALL BE PREFORMED FABRIC BEARING PADS, 1/2" THICK, AND SHALL BE EITHER SHOCK PAD STYLE 15175, AS MANUFACTURED BY THE ALERT MANUFACTURING AND SUPPLY COMPANY, CHICAGO, IL; OR FABREEKA PADS, AS MANUFACTURED BY THE FABREEKA PRODUCTS COMPANY, BOSTON, MA; OR SORBTEX PADS, AS MANUFACTURED BY VOSS ENGINEERING, INC., CHICAGO, IL; OR AN APPROVED EQUAL.
 SEE "TOTAL BILL OF MATERIAL & GENERAL NOTES" AND "STRUCTURAL STEEL NOTES" SHEETS FOR ADDITIONAL INFORMATION.
 ALL STEEL BEARING PLATES SHALL BE ASTM A709 GRADE 50 AND SHALL BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
 ALL SURFACES OF BEARING PLATES SHALL BE SMOOTH AND STRAIGHT.

BEARING DIMENSION - T

SPAN	LOCATION	TYPE	BEAM 1	BEAM 2	BEAM 3	BEAM 4	BEAM 5	BEAM 6	BEAM 7	BEAM 8	BEAM 9	BEAM 10	BEAM 11	BEAM 12	BEAM 13	BEAM 14
			DIM. T	DIM. T	DIM. T	DIM. T	DIM. T	DIM. T	DIM. T	DIM. T	DIM. T	DIM. T	DIM. T	DIM. T	DIM. T	DIM. T
A	ABUTMENT 1	FIXED	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3"	3"	3"	3"	3"	3"	3"
A	PIER 1	EXPANSION	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3"	3"	3"	3"	3"	3"	3"
B	PIER 1	EXPANSION	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3"	3"	3"	3"	3"	3"	3"
B	PIER 2	FIXED	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3"	3"	3"	3"	3"	3"	3"
C	PIER 2	EXPANSION	3/4"	3/4"	3/4"	3/4"	3/8"	3/8"	3/8"	3"	3"	3"	3"	3"	3"	3"
C	PIER 3	FIXED	3/4"	3/4"	3/4"	3/4"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3"	3"	3"	3"
D	PIER 3	EXPANSION	3/4"	3/4"	3/4"	3/4"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3"	3"	3"	3"
D	ABUTMENT 2	FIXED	3/4"	3/4"	3/4"	3/4"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3"	3"	3"	3"



PROJECT NO. **U-3308**
 DURHAM COUNTY
 STATION: **POT 24+09.63 -LALT-**
POT 21+11.43 -NSN-

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

BEARING DETAILS

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

TOTAL SHEETS: 44

DRAWN BY: **MTC** DATE: **06-14**
 CHECKED BY: **DJM** DATE: **06-14**

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

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