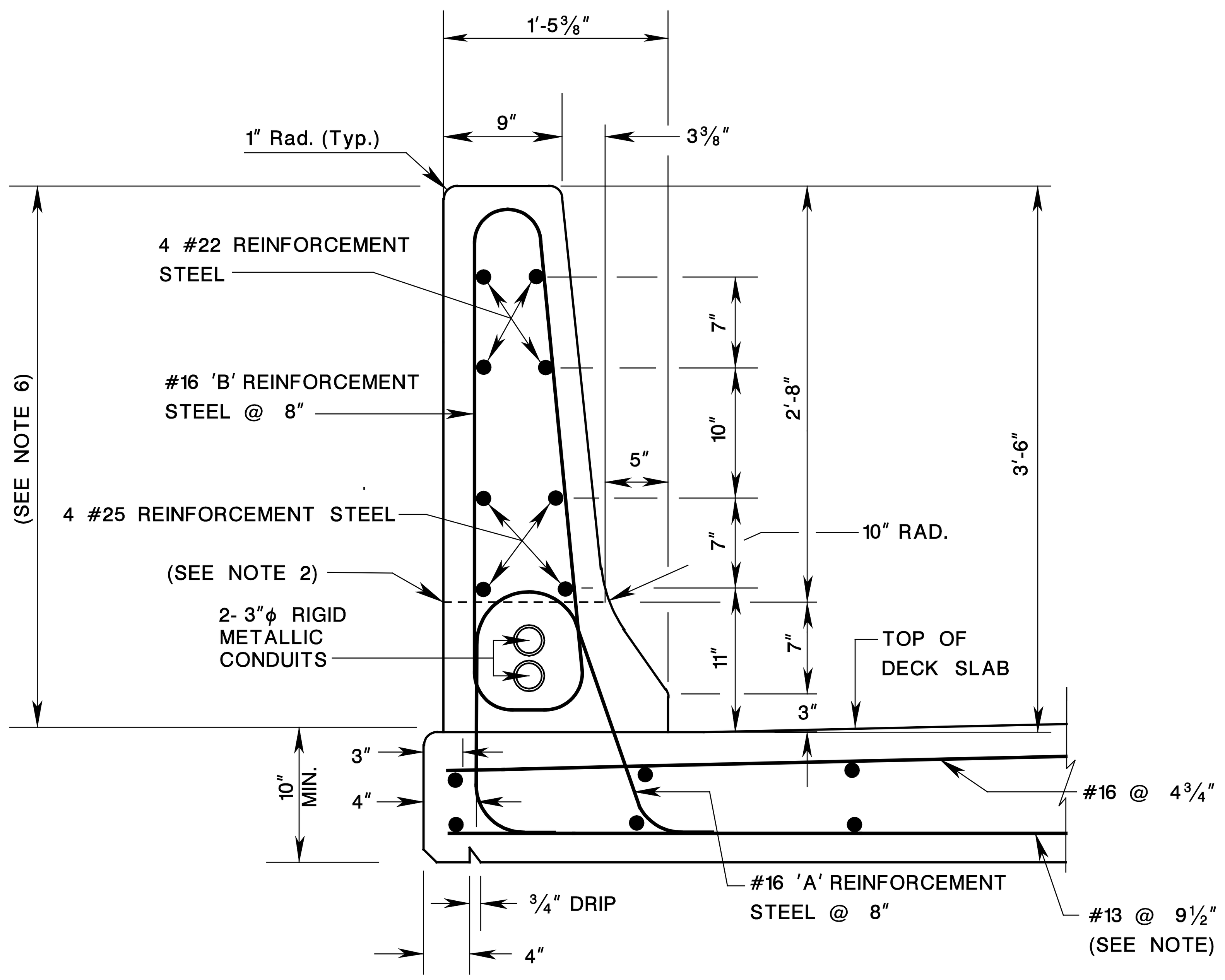
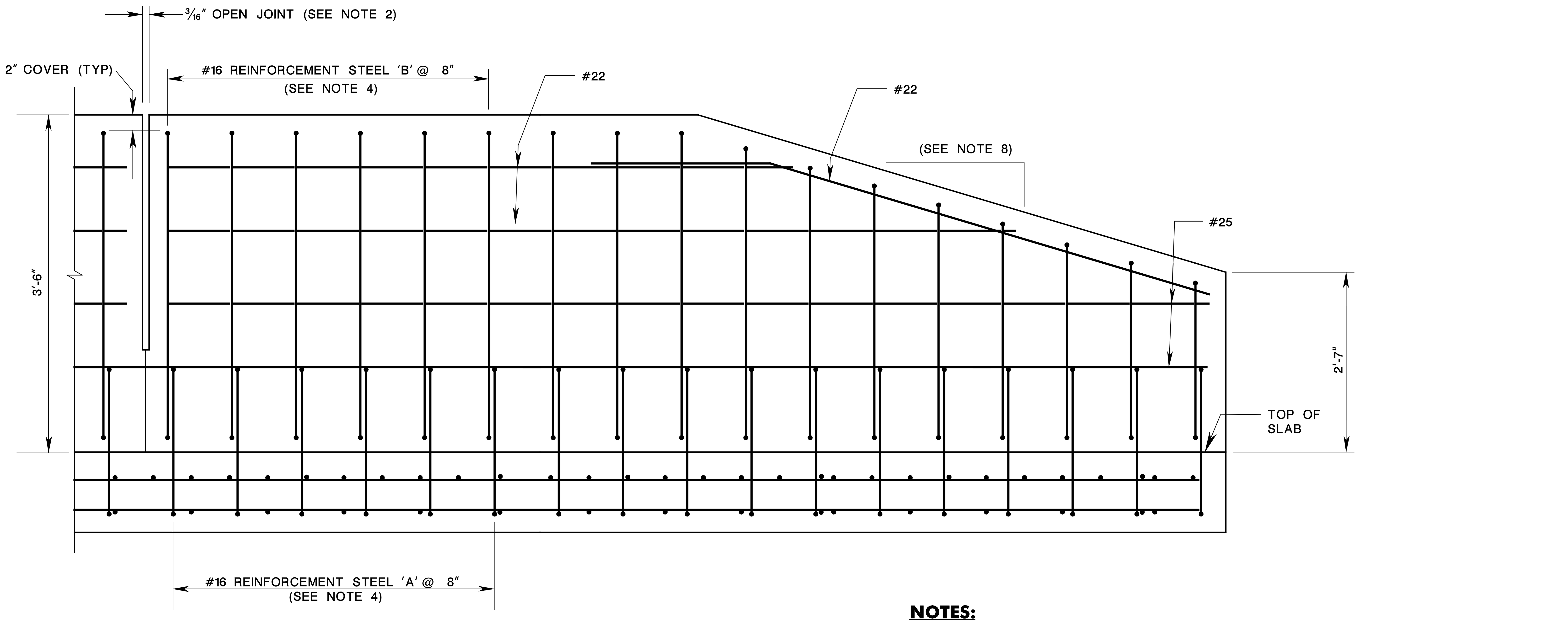


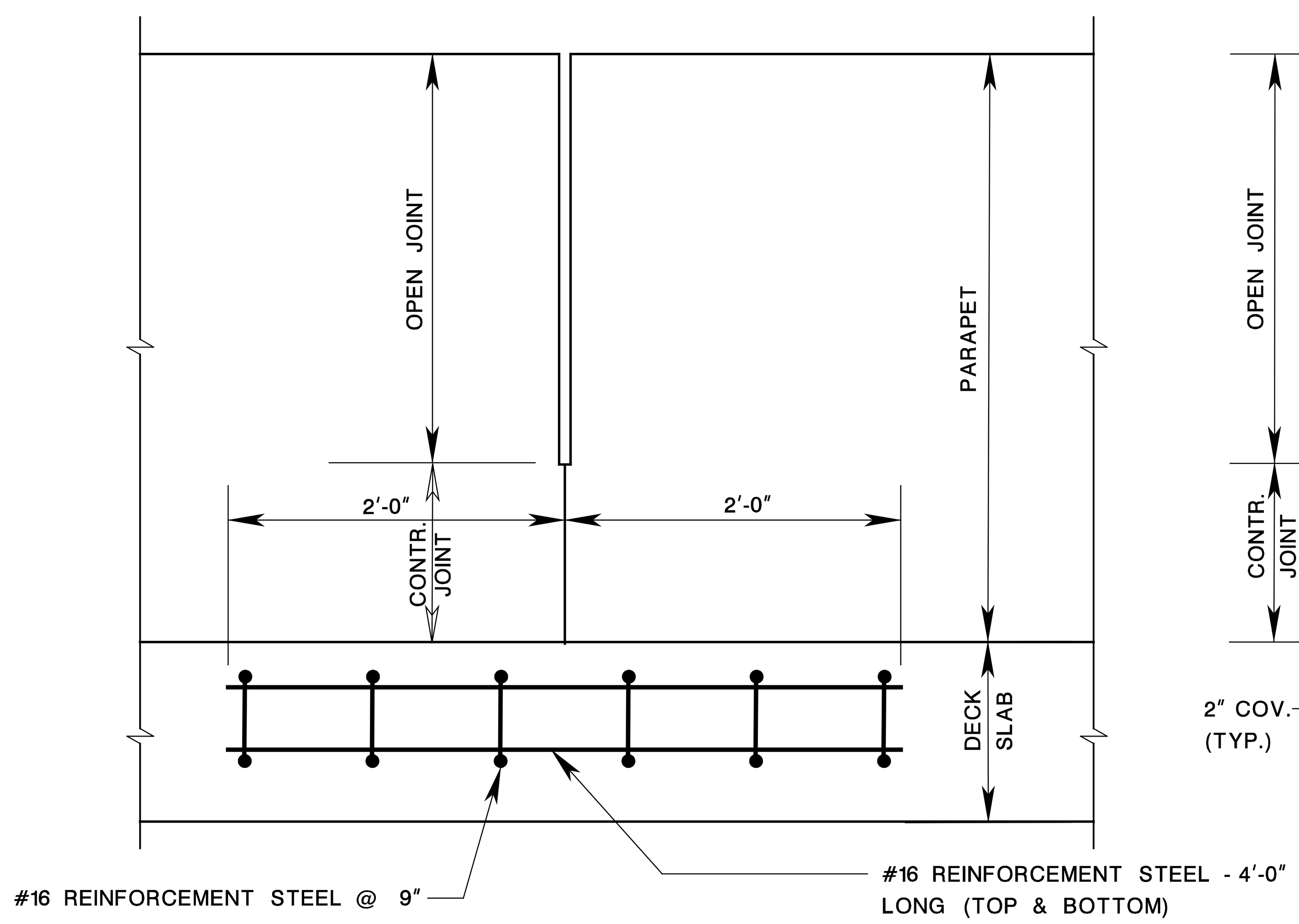
3'–6" HIGH F–SHAPE PARAPET



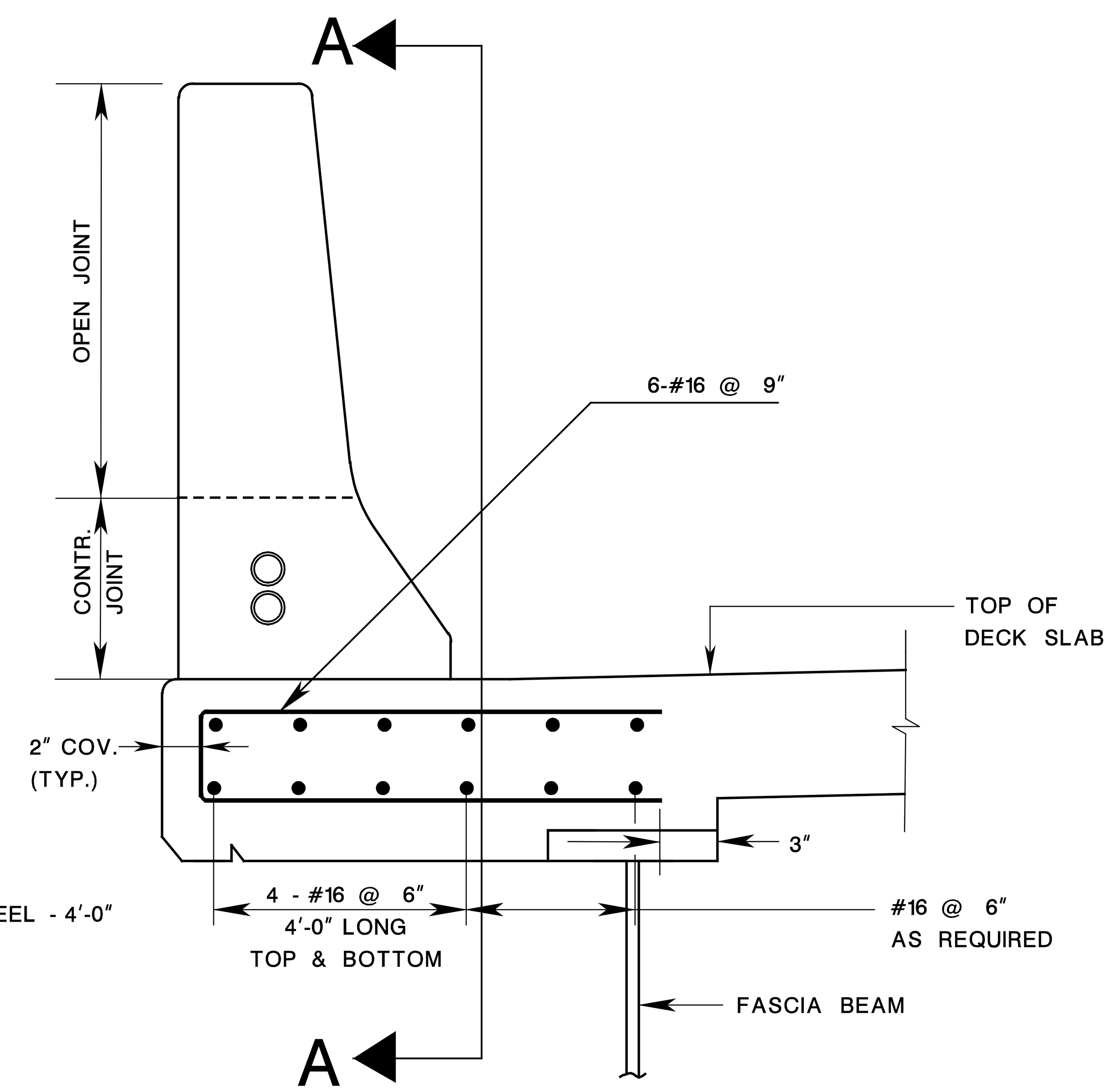
ELEVATION
(SHOWING REINFORCEMENT STEEL)

NOTES:

1. PROVIDE 5⁄16" OPEN DEFLECTION JOINT IN PARAPETS AT INTERVALS NOT EXCEEDING 20'-0" AND CONTRACTION JOINTS AT THE MIDPOINT BETWEEN THE OPEN JOINTS.
2. STOP 5⁄16" OPEN JOINT AT THE LINE INDICATED AND PROVIDE A CONTRACTION JOINT BELOW THAT LINE.
3. PROVIDE FULL DEPTH JOINTS AT LOCATION OF TRANSVERSE DECK JOINTS. ENSURE THAT THE FULL DEPTH JOINT OPENING WIDTH IS EQUAL TO THE TRANSVERSE DECK JOINT OPENING WIDTH.
4. ENSURE THAT ALL REINFORCEMENT STEEL IN PARAPET IS CORROSION PROTECTED.
5. PERMANENT METAL STAY-IN-PLACE FORMS NOT PERMITTED IN THE DECK OVERHANG AREA.
6. FASCIA RUSTICATION AND CONFIGURATION AS PER SPECIFICATIONS.
7. FOR ADDITIONAL REINFORCEMENT STEEL THAT IS REQUIRED IN THE VICINITY OF PARAPET JOINTS TO PREVENT CONCRETE CRACKING IN THE OVERHANG PORTIONS OF THE DECK SLAB, SEE DETAIL 1.
8. SEE BRIDGE PLANS FOR TAPER LENGTH. THE TAPER MUST BE 5:1 OR FLATTER WITH 8:1 DESIRABLE. THE MINIMUM TAPER LENGTH IS BASED ON PARAPET HEIGHT.
9. FOR GUIDERAIL ATTACHMENT AND PARAPET TRANSITION DETAILS SEE CD-609-14 THROUGH CD-609-17E.

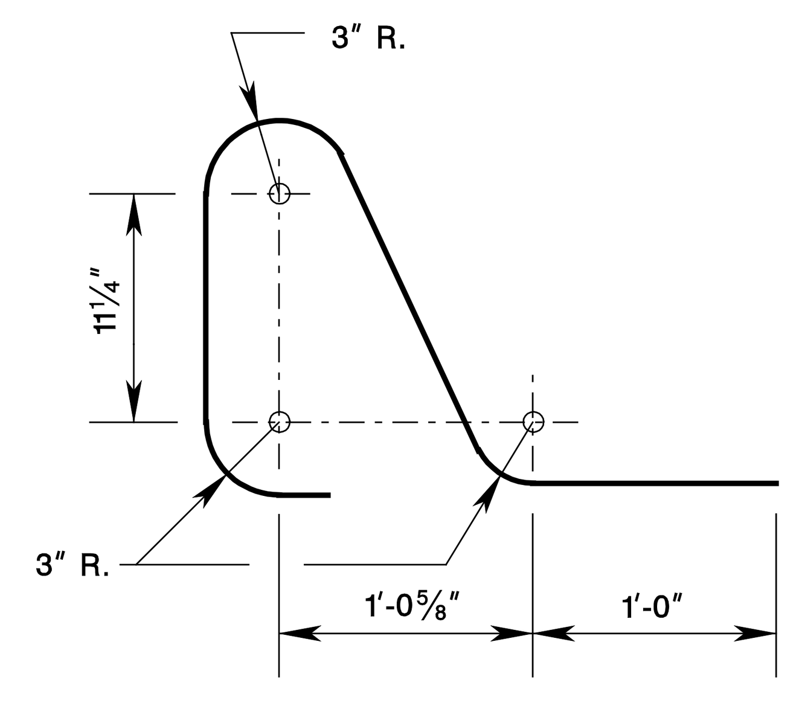


SECTION A–A

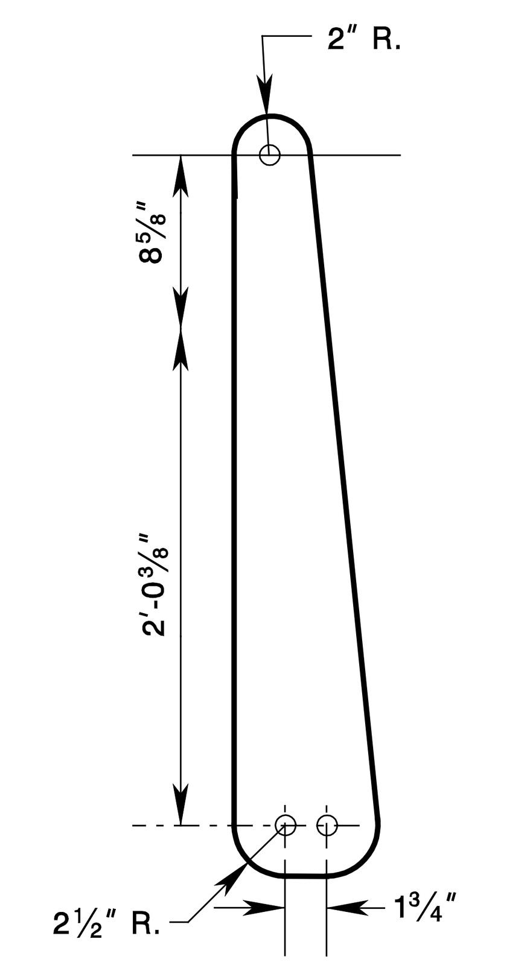


DETAIL 1

DECK REINFORCEMENT STEEL AT PARAPET JOINTS



REINFORCEMENT STEEL A (#16)



REINFORCEMENT STEEL B (#16)

REINFORCEMENT STEEL BENDING DETAILS

3'–6" HIGH F–SHAPE PARAPET DETAILS

N.T.S.

TEST LEVEL 5

BCD-507-9.1

BCD-507-9

NEW JERSEY DEPARTMENT OF TRANSPORTATION
BUREAU OF STRUCTURAL ENGINEERING

BRIDGE CONSTRUCTION DETAILS

BDC17D-02-PYLON ELONGATED, ADDED CONDUITS, PARAPET RECESS FILLED
BDC16D-01-ORIGINAL SHEET