



1. DESIGN IS IN ACCORDANCE WITH THE 2017 AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS WITH CURRENT INTERIMS, AS MODIFIED BY SECTION 3 OF THE NJDOT DESIGN MANUAL FOR BRIDGES AND STRUCTURES.
2. CONSTRUCTION TO BE IN ACCORDANCE WITH THE 2019 NJDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
3. DESIGN LOAD: WIND GUST (3 SEC.) = 115 MPH.
4. CONFORM MATERIALS FOR CHAIN-LINK FENCE (CLF) FABRIC, BASE PLATES, ANCHOR PLATES, POSTS, TIES, BANDS, BARS, RODS AND ANY OTHER FITTINGS, AND HARDWARE TO AASHTO M181 AND COMPOSED OF ONE OF THE FOLLOWING TYPES OF MATERIAL, AS SPECIFIED BY RESIDENT ENGINEER:
TYPE I- ALUMINUM COATED STEEL,
TYPE II- POLYVINYL CHLORIDE (PVC) COATED STEEL.
5. SET POSTS PLUMB. USE CORROSION RESISTANT SHIM MATERIAL WHERE NECESSARY FOR POST ALIGNMENT.
6. POST SPACING NOT TO EXCEED 10'-0" CENTER TO CENTER.
7. PROVIDE PULL POSTS FOR CHAIN-LINK FENCE LENGTHS GREATER THAN 250'. PULL POST TO BE LOCATED APPROXIMATELY AT THE MIDPOINT OF THE LENGTH.
8. TWO (2) 3/8" DIA. BRACE RODS WITH TURNBUCKLES ARE REQUIRED AT EACH PULL POST.
9. ONE (1) 3/8" DIA. BRACE ROD WITH TURNBUCKLE AND CLEVIS IS REQUIRED AT EACH END POST.
10. WELD DAM PLATES (1/4" THICK) TO CLOSE THE EXPOSED ENDS ON TOP OF THE CHAIN-LINK FENCE POSTS.
11. USE #9 GAUGE (0.148" DIA.) FABRIC TIES. A MINIMUM OF ONE (1) COMPLETE TURN IS REQUIRED AT ENDS OF ALL TIES.
12. USE #9 GAUGE (0.148" DIA.) CLF FABRIC, HAVING A 1" OR 2" DIAMOND MESH, TOP AND BOTTOM SELVAGE IS KNUCKLED. CONTINUE FABRIC ACROSS ALL JOINTS.
13. AFTER ERECTION, CAULK ALL ANCHOR BOLT HOLES AND SPACES BETWEEN BASE PLATE AND CONCRETE WITH A COLD-POURED JOINT SEALER CONFORMING TO SUBSECTION 914.02 OF NJDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, JOINT MATERIAL ASTM D5893, TYPE NS.
14. FURNISH BRACE BANDS AND STRETCHER BAR BANDS WITH 5/16" DIA. CARRIAGE BOLTS AND ELASTIC STOP NUTS.
15. CONFORM ALL WELDING TO AWS D1.1 FOR STEEL.
16. PROVIDE ANCHOR BOLTS CONFORMING TO ASTM F1554, GRADE 55, HOT-DIPPED GALVANIZED. PROVIDE HOT-DIPPED GALVANIZED NUTS AND WASHERS AS SPECIFIED IN NJDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SUBSECTION 908.01.02.
17. ANCHOR GROUT MUST PROVIDE A MINIMUM PULL-OUT FORCE OF 6.0 KIPS PER 1/2" DIA. ANCHOR BOLT.
18. CONCRETE ANCHORS ARE NOT TO PROJECT MORE THAN 3/8" ABOVE NUT. PEEN EXPOSED BOLT ENDS.
19. ALL DIMENSIONS AND EXISTING FIELD CONDITIONS TO BE VERIFIED IN FIELD.
20. IF ANY REINFORCEMENT IS ENCOUNTERED DURING DRILLING OPERATION, DIAMOND CORING IS ALLOWED TO CORE THROUGH THE EXISTING HORIZONTAL REINFORCEMENT. ONCE THE EXISTING REINFORCEMENT HAS BEEN CUT, RESUME ORIGINAL AIR DRILLING OPERATION TO THE DESIGNATED EMBEDMENT DEPTH.
21. IF ALUMINUM CASTINGS ARE USED WITH TYPE I OR TYPE II FENCE, USE PVC OR OTHER ORGANIC POLYMER COATED. MATCH COLOR TO THE REST OF THE FENCE COMPONENTS.

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BARRIER CURB FENCE GENERAL NOTES

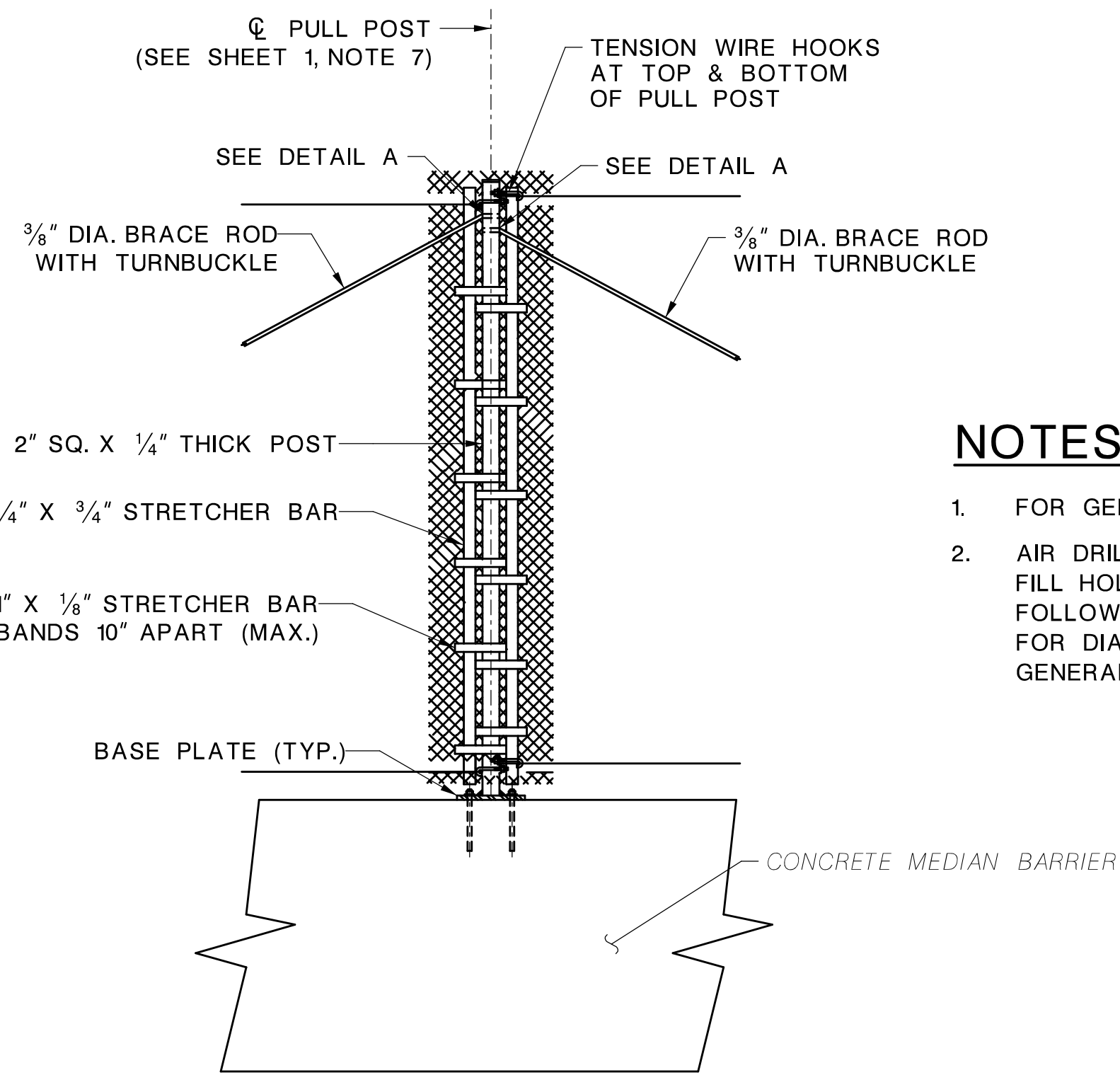
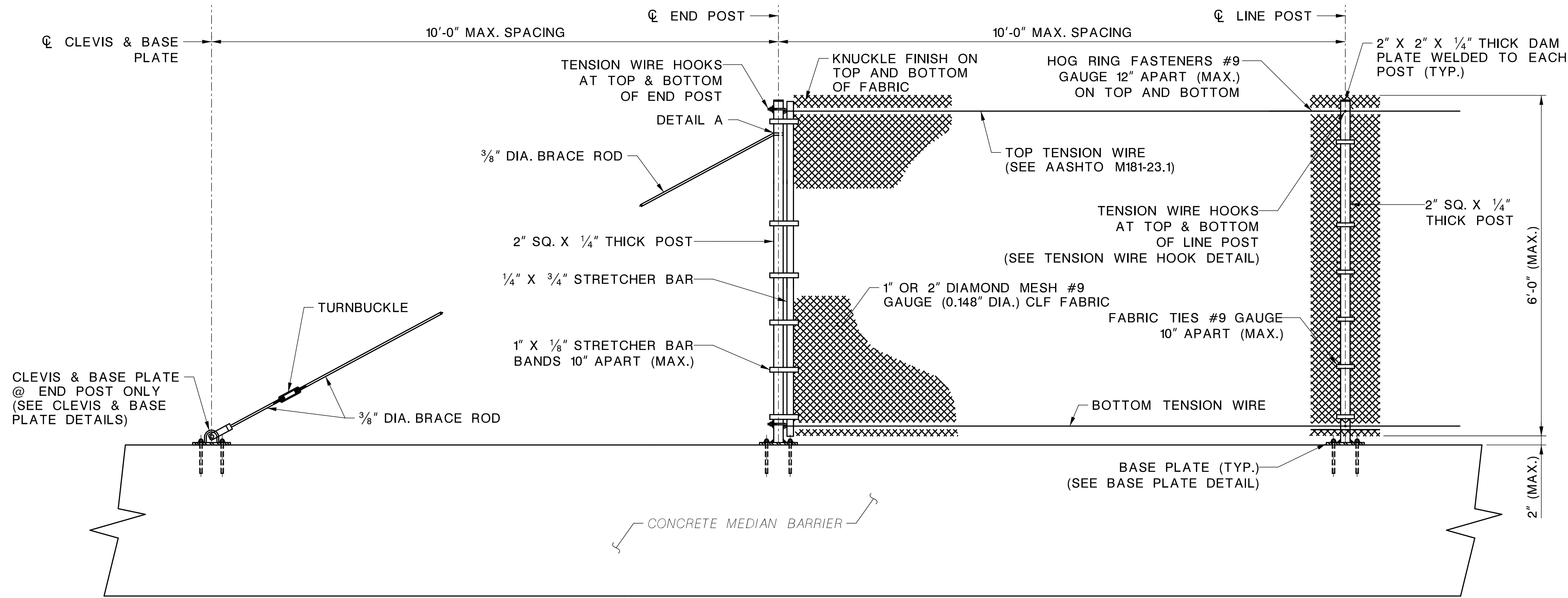


CERTIFICATION OF AUTHORIZATION NO. 24GA28044300

DATE: 6/12/20

NABIL M. LIQUORANI, PE

NABIL M. HOURANI, PE

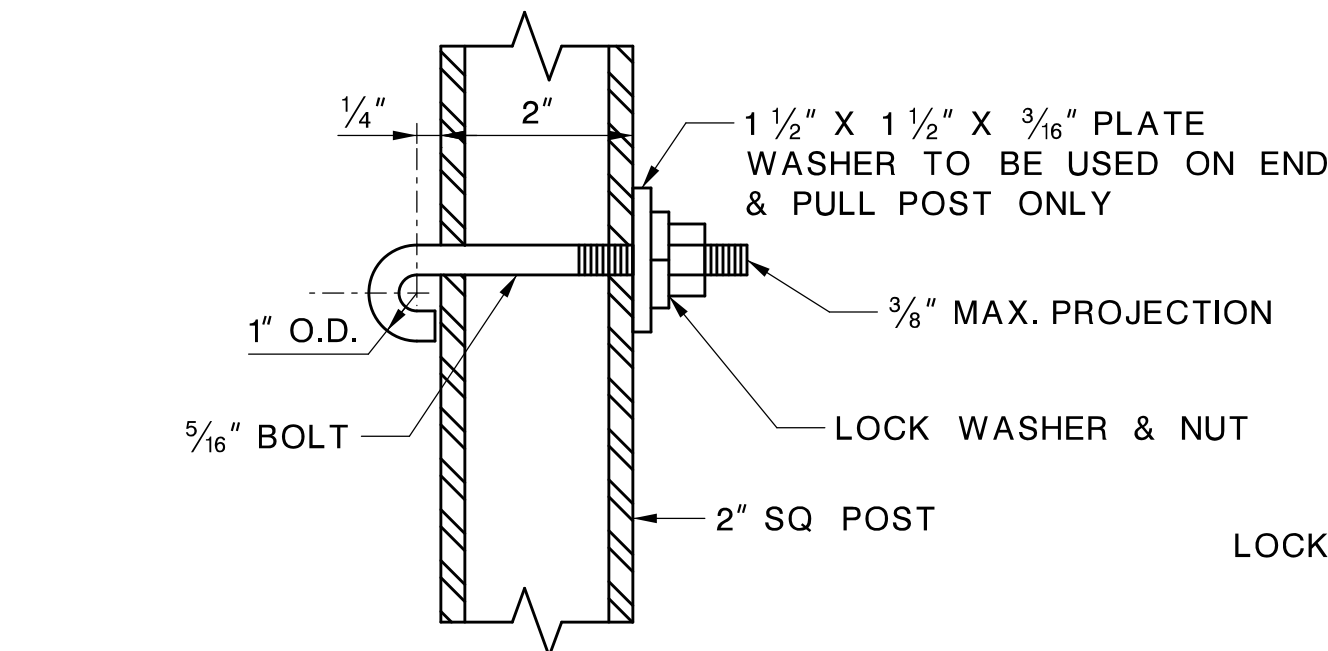


NOTES

- FOR GENERAL NOTES SEE SHEET NO.1
- AIR DRILL HOLES FOR ANCHOR BOLTS. FILL HOLES WITH APPROVED EPOXY GROUT. FOLLOW MANUFACTURER'S RECOMMENDATION FOR DIAMETER AND INSTALLATION. SEE GENERAL NOTES 17 AND 20.

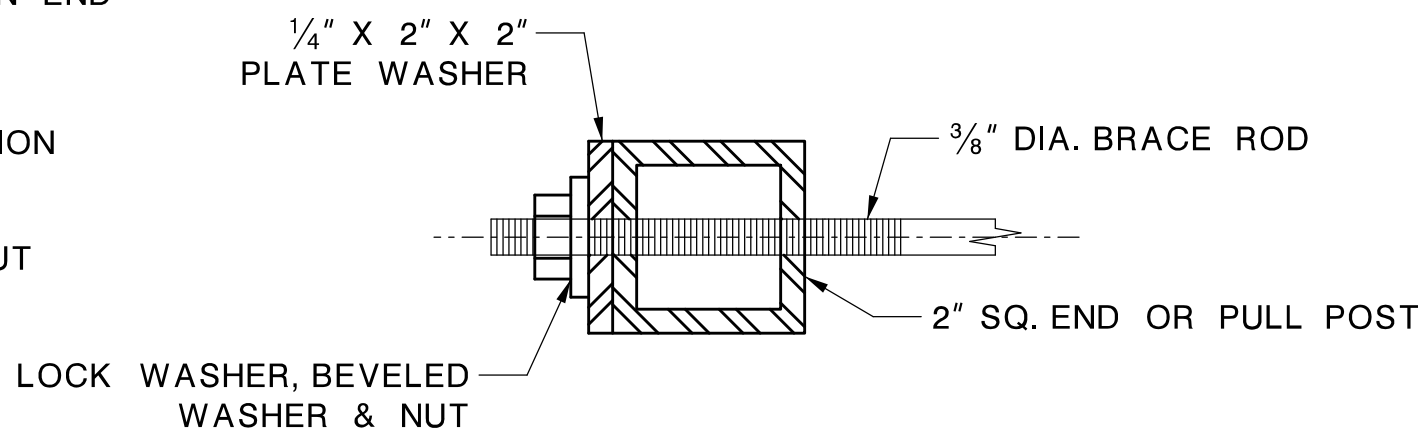
CHAIN-LINK FENCE MAXIMUM 6' HIGH (BARRIER CURB MOUNTED)

SCALE: 3/4" = 1'-0"



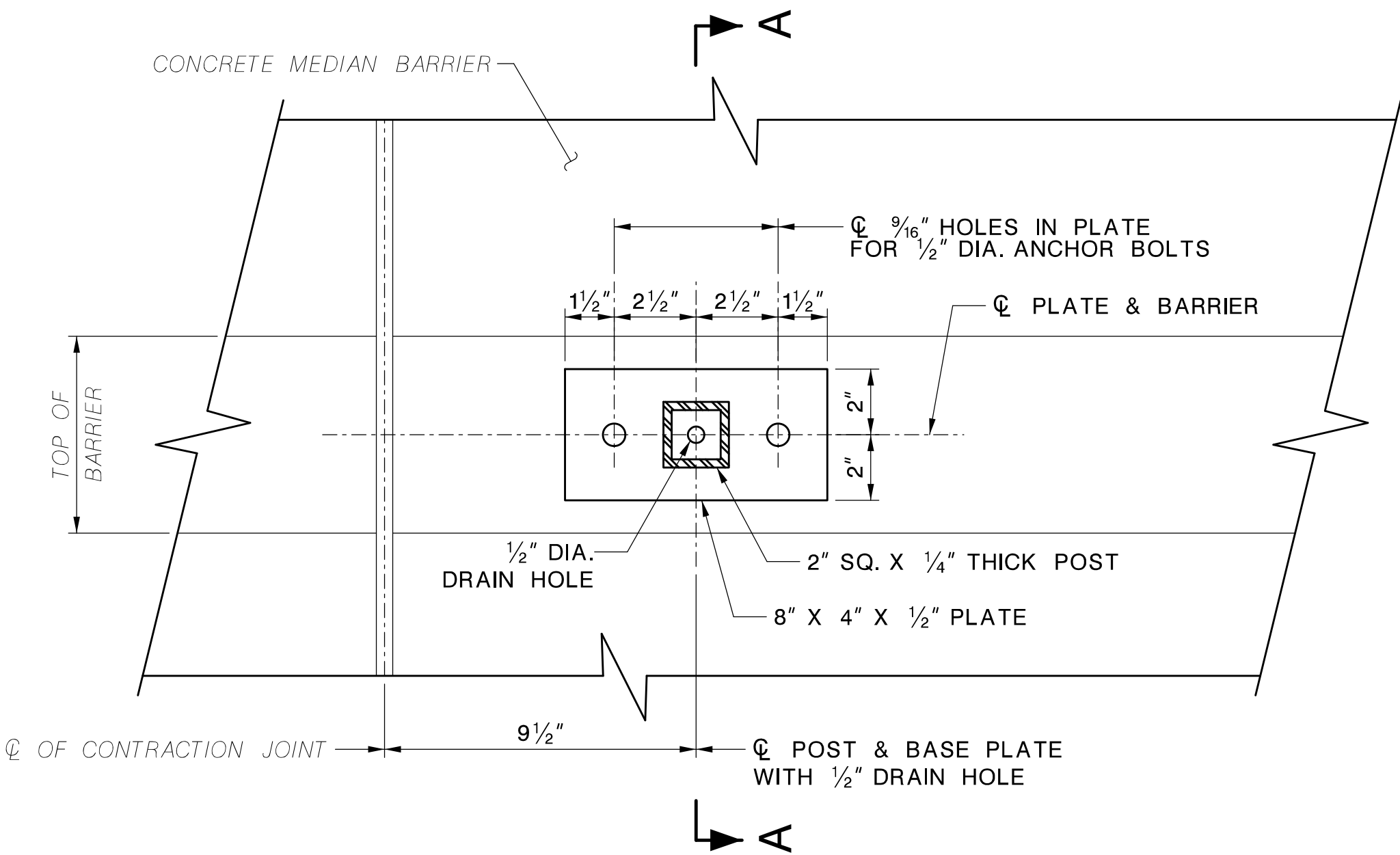
TENSION WIRE HOOK DETAIL

SCALE: 6" = 1'-0"



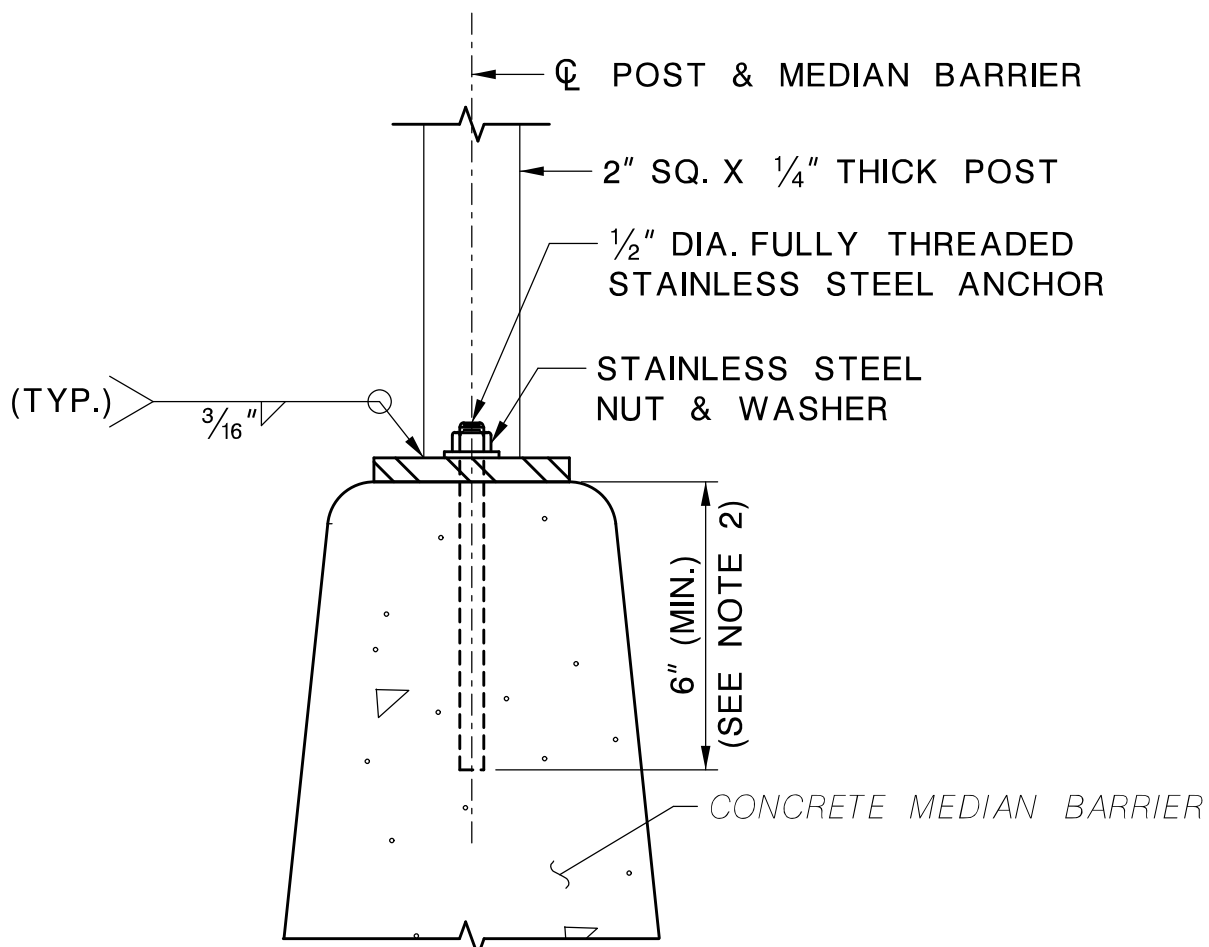
DETAIL A

SCALE: 6" = 1'-0"



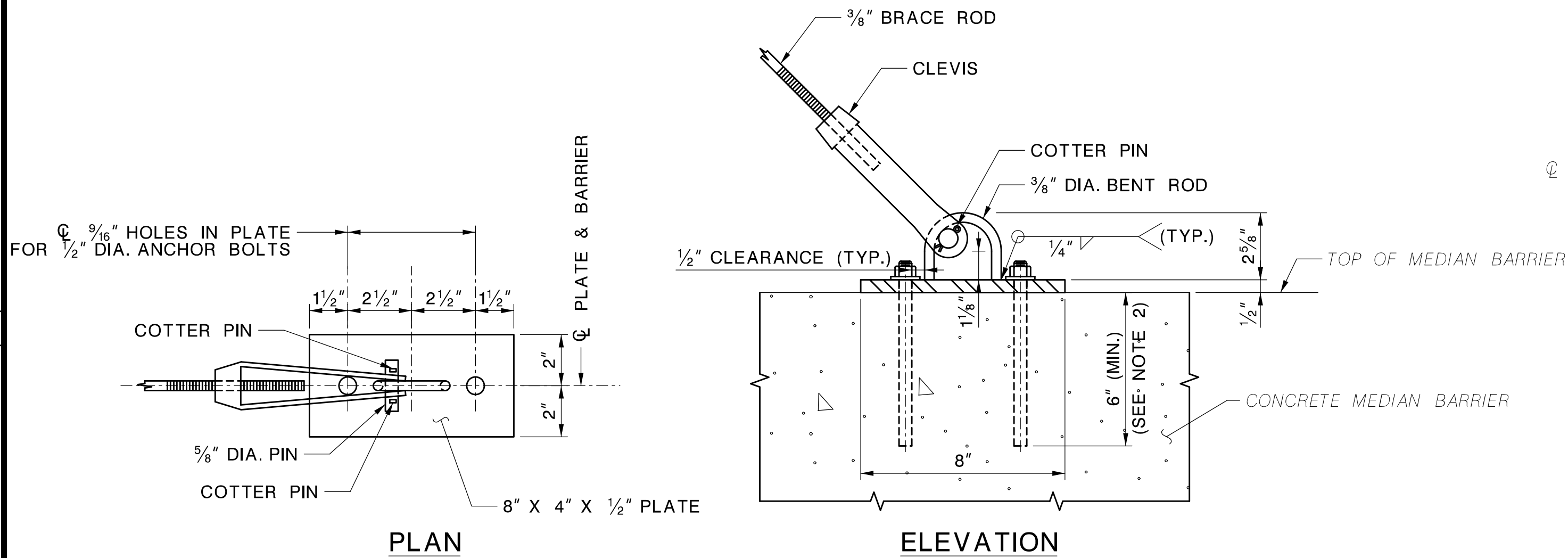
BASE PLATE DETAIL

SCALE: 3" = 1'-0"
(ANCHOR BOLTS NOT SHOWN FOR CLARITY)



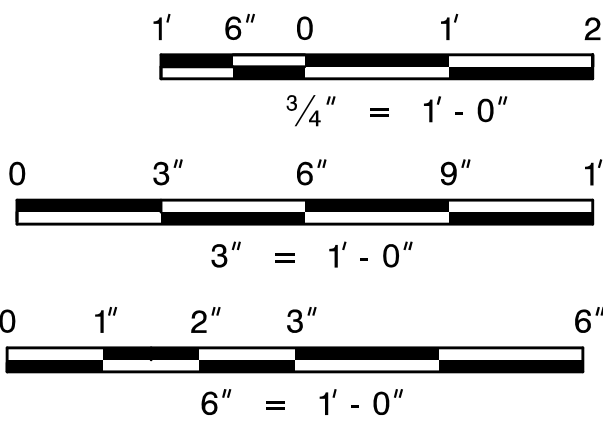
SECTION A-A

SCALE: 3" = 1'-0"



CLEVIS & BASE PLATE DETAILS

SCALE: 3" = 1'-0"



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BARRIER CURB FENCE DETAILS - SQUARE POST



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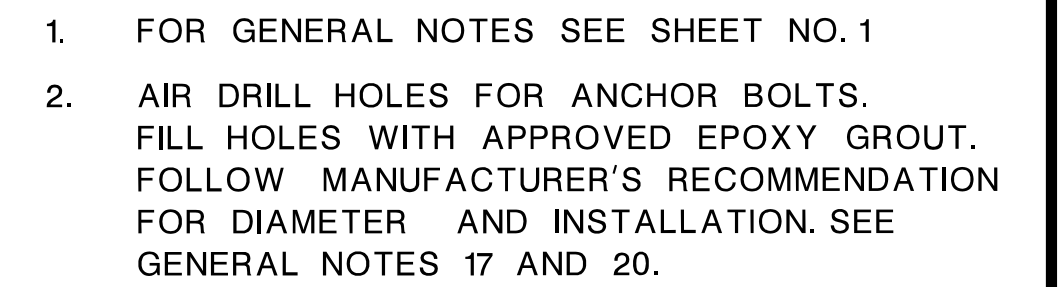
NABIL M. HOURANI, PE

NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE03888900

DATE: 6/12/20

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