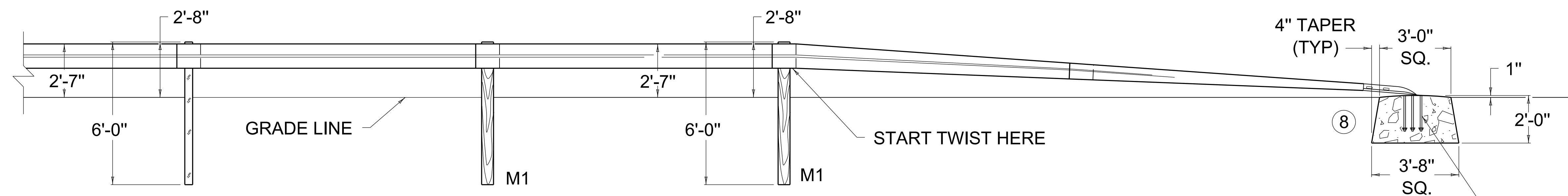


PLAN VIEW



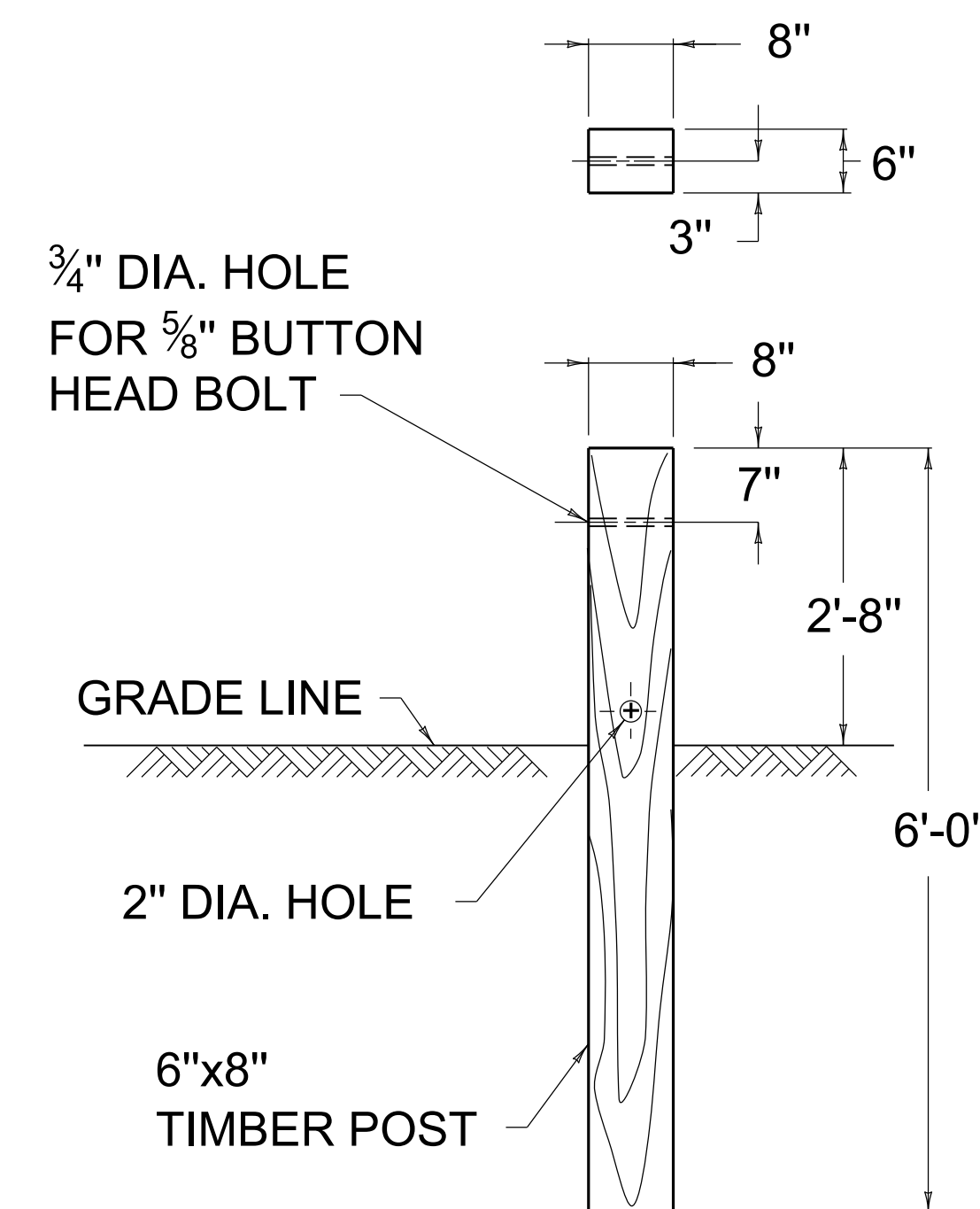
ELEVATION VIEW

~ NOTES ~

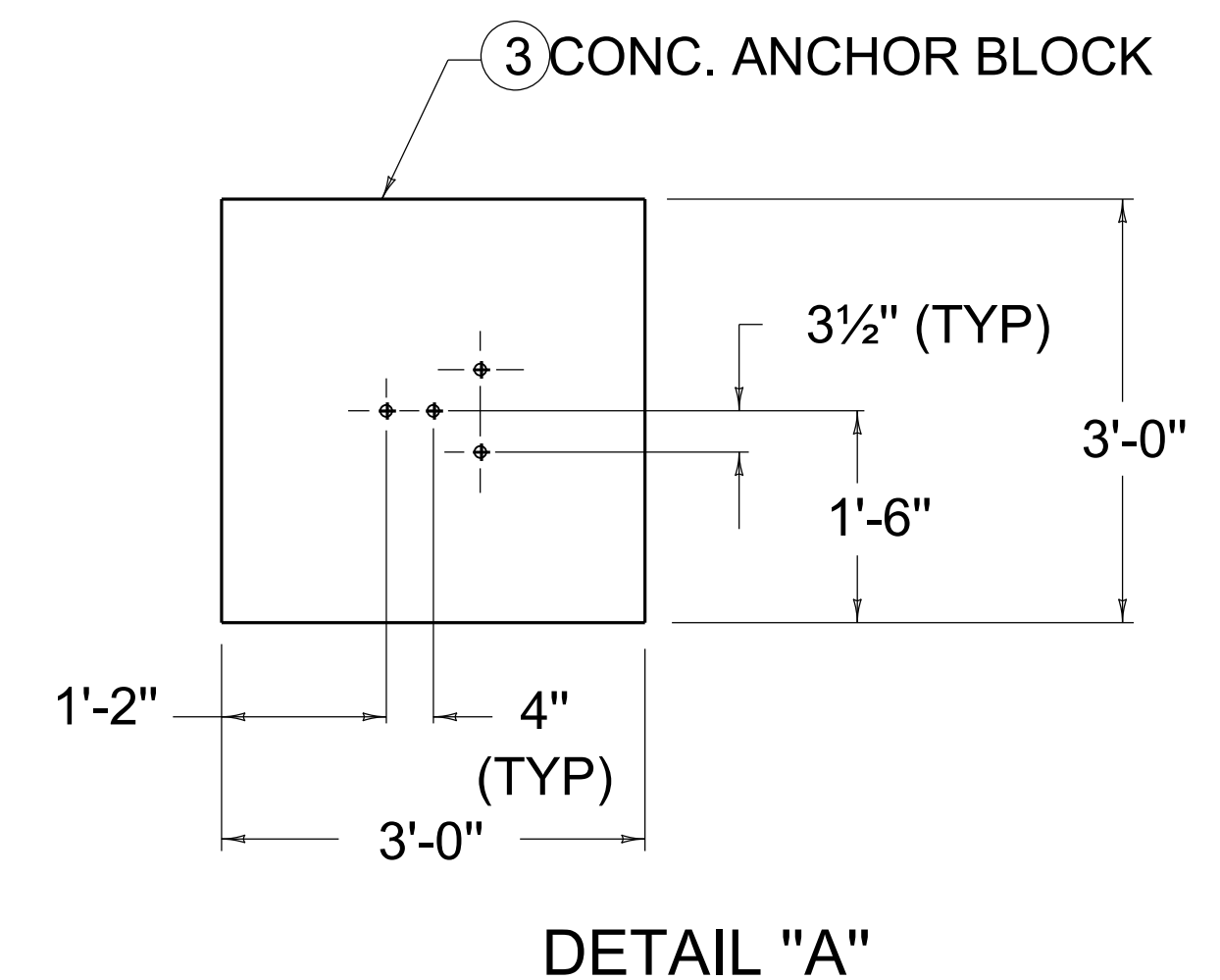
- BID ITEM AND UNIT TO BID
GUARDRAIL END TREATMENT TYPE 7 EACH
- GUARDRAIL END TREATMENT TYPE 7 SHALL BE TO THE PAY LIMITS AS DETAILED AND THE CONTRACT UNIT PRICE EACH SHALL INCLUDE TERMINAL SECTION NO. 2, STEEL "W" BEAM GUARDRAIL (SINGLE FACE), GUARDRAIL POSTS M1, CONCRETE ANCHOR BLOCK, EXCAVATION, LABOR, HARDWARE AND INCIDENTALS NECESSARY FOR THE INSTALLATION.
 - SPLICE BOLTS AT TERMINAL SECTION NO. 2 SHALL BE LOOSELY TIGHTENED AND CENTERED TO ALLOW MAXIMUM MOVEMENT DUE TO EXPANSION. ONE (1) 1/2" ROUND WASHER AND ONE (1) RECTANGULAR PLATE WASHER REQUIRED FOR EACH SPLICE BOLT, AT TERMINAL SECTION NO. 2.
 - THE CONCRETE ANCHOR BLOCK MAY BE PRECAST OR CAST-IN-PLACE. WHEN THE CONCRETE ANCHOR BLOCK IS CAST-IN-PLACE FORMING OF THE SIDES SHALL BE REQUIRED.
 - THE DESIREABLE OFFSET DISTANCE FROM THE NORMAL GUARDRAIL LINE SHALL BE 4'-0". THE MINIMUM OFFSET DISTANCE FROM THE NORMAL GUARDRAIL LINE IS ZERO FEET.
 - SEE CUR. STD. DWG. RBR-001, RBR-005, RBR-010, AND RBR-015 FOR APPLICABLE DETAILS AND SPECIFICATIONS.
 - APPROX. QUANTITY FOR ANCHOR BLOCK: 0.83 CU. YD. CLASS "A" CONCRETE FOR TYPE 7 INSTALLATION.
 - THIS GUARDRAIL END TREATMENT IS NOT FOR USE ON APPROACH END ON HIGH SPEED NHS ROUTES ABOVE 35 MPH.
 - SEE CUR. STD. DWG. RBR-051 FOR ALTERNATE END ANCHOR.

USE WITH CUR. STD. DWG.
RBR-001 RBR-005 RBR-010
RBR-015 RBR-051

AND FLAT WASHERS)
THREADED RODS (HEX NUTS
---OR---
ANCHOR BOLTS
4 - 7/8" DIA. x 1'-6" MIN.



M1 POST DETAIL



DETAIL "A"

REVISION DATE: 02/26/2020
REVISION NUMBER: 0

SUBMITTED 02-26-2020 DATE
DIVISION DIRECTOR

APPROVED 02-26-2020 DATE
STATE HIGHWAY ENGINEER

BARRIERS



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

GUARDRAIL

END TREATMENT TYPE 7

STANDARD DRAWING NUMBER
RBR-050-08