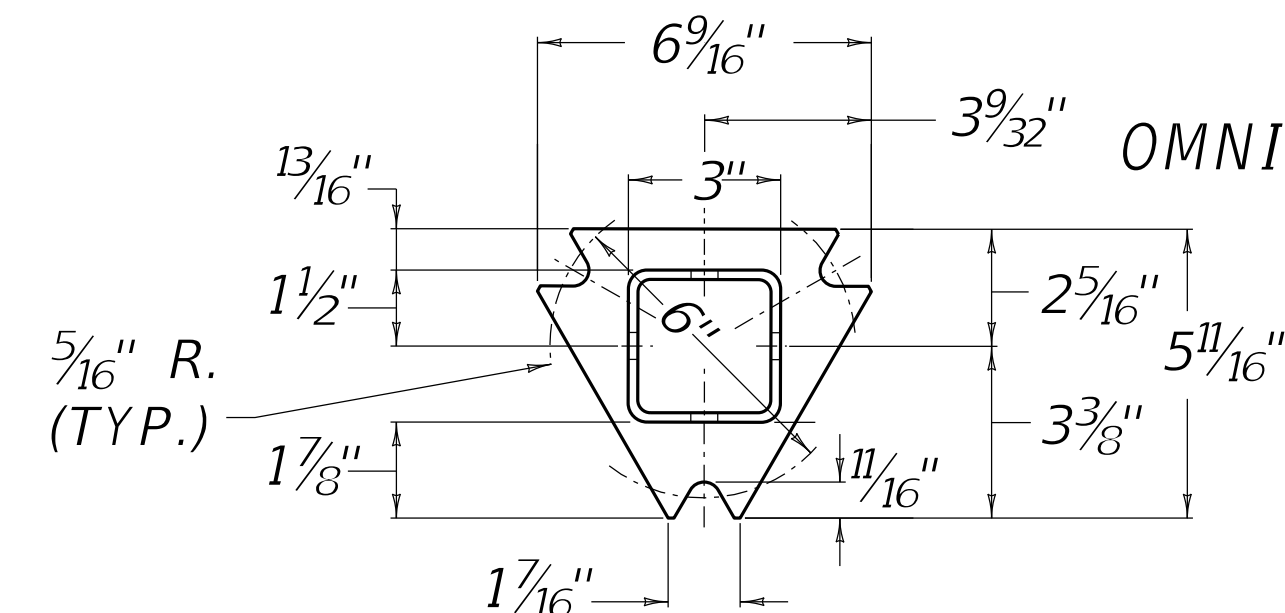


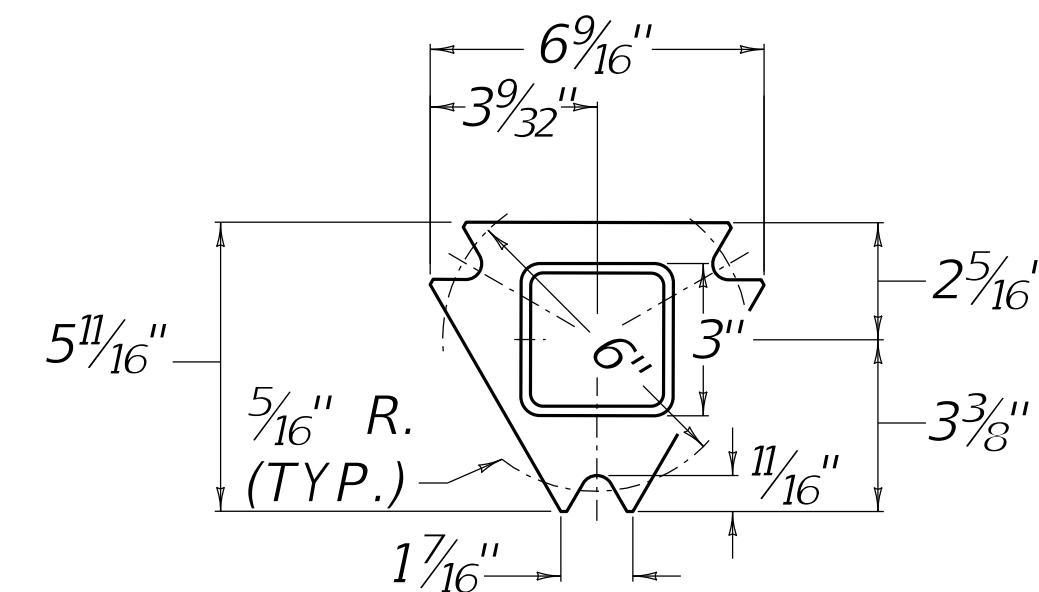
RETAINER PLATE HARDWARE



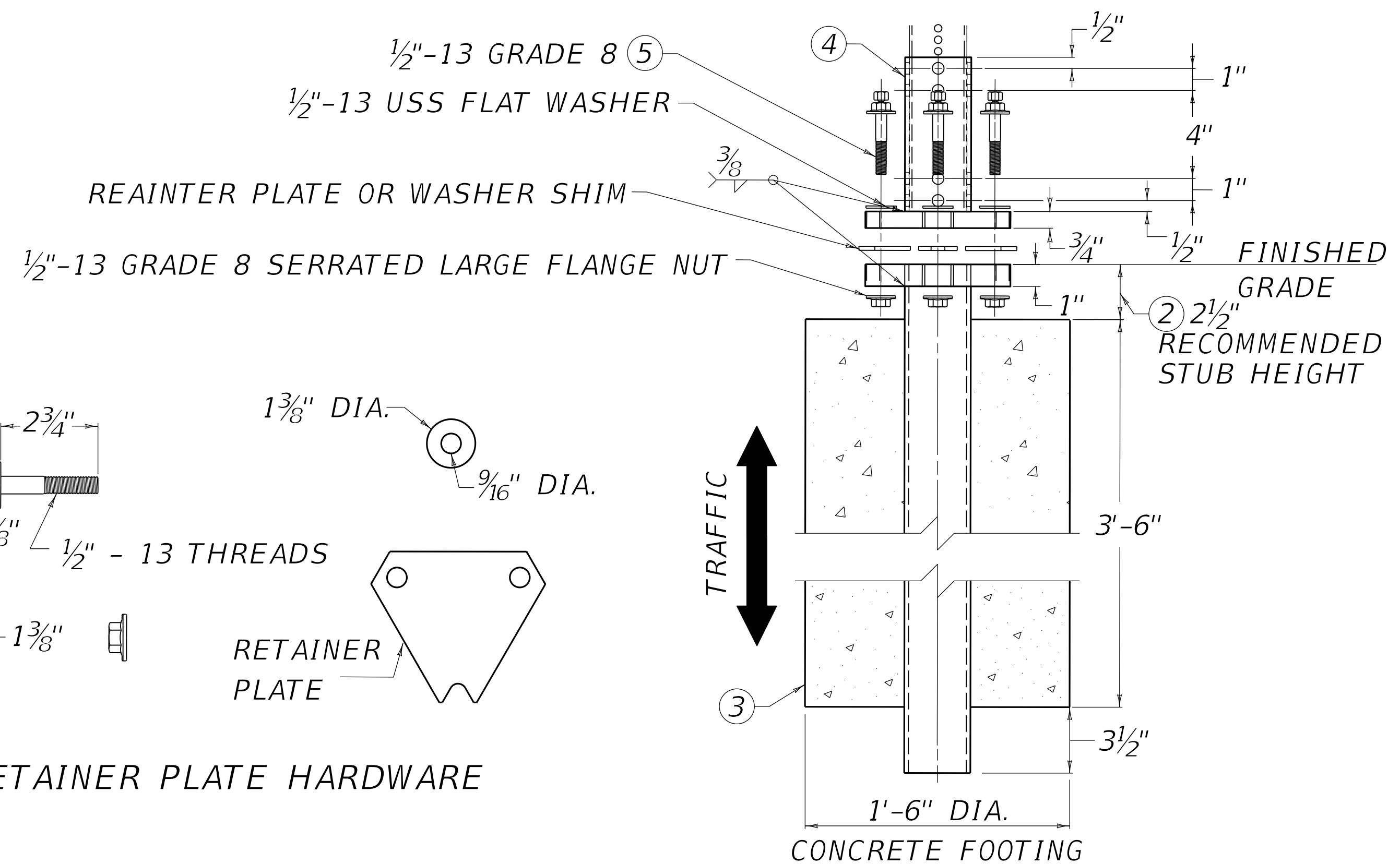
MATERIALS: TUBE RECEIVER - 3" x 3" x 7 GA. ASTM A500 OR A536 DOUBLE IRON CASTING
ASTM A500 GRADE B TUBE PLATE - ASTM A572 GRADE 50

TOP POST RECEIVER / FOR 2 1/2" SQUARE POST

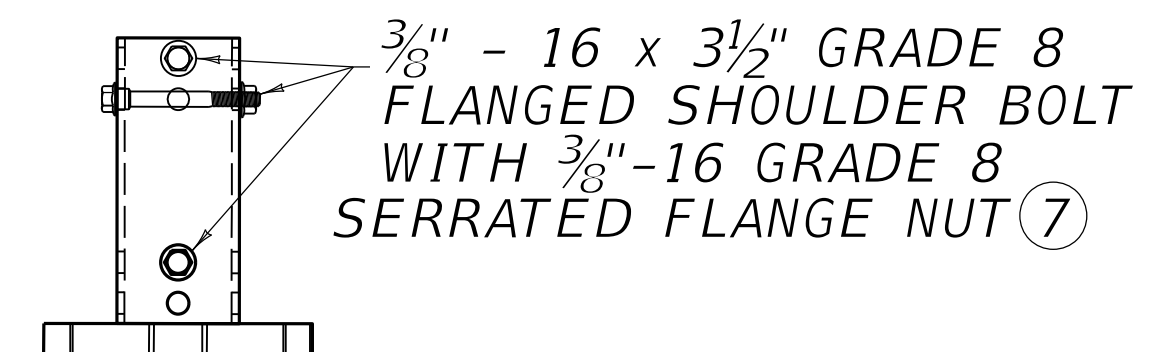
2 1/4" x 12 GA. MAYBE INSERTED INTO
2 1/2" x 12 GA. FOR ADDITIONAL WINDLOAD



BOTTOM BASE CONCRETE STUB
MATERIALS: TUBE - 3" x 3" x 7 GA. ASTM A500
GRADE B TUBE PLATE - ASTM A572 GRADE 50



TYPE "D" SUPPORT
OMNI-DIRECTIONAL BREAK-A-WAY
FOR TYPE 1 POSTS



~ NOTES ~

1. FOLLOW MANUFACTURERS INSTALLATION INSTRUCTIONS.
2. DEPTH OF IMBEDMENT TO LEAVE 2 1/2" FROM THE GRADE TO THE TOP OF THE BASE.
3. ALLOW CONCRETE TO CURE AT LEAST 5 DAYS BEFORE ERECTING SIGN.
4. PLACE TOP POST RECIEVER SO THAT THE SIGN POST IS IN THE CORRECT POSITION FOR SIGN VISIBILITY, ON TO THE BASE AND WASHER SHIMS OR RETAINER PLATE.
5. TORQUE BOLTS AS PER MANUFACTURERS INSTRUCTIONS.
6. INSERT SIGN SUPPORT INTO THE TUBULAR PORTION OF THE TOP POST RECIEVER AND SECURE WITH 3 EACH 3/8" - 16 x 3 1/2" GRADE 8 FLANGED SHOULDER BOLTS AND FLANGED NUTS.
A. WHERE HIGHER WINDLOAD IS DESIRED, INSERT THE NEXT SIZE SMALLER SQUARE POST INSIDE BOTTOM OF MAIN UPRIGHT POST.
B. ON MULTI-LEG INSTALLATIONS, BE SURE THAT ALL ANCHORS ARE SQUARED AND LINED UP WITH EACH OTHER.
7. TYPE D BREAKAWAY SIGN SUPPORT SYSTEMS FOR THE TYPE I POSTS SHALL BE SELECTED FROM THE KENTUCKY DEPARTMENT OF HIGHWAYS APPROVED MATERIALS LIST. OR AN APPROVED EQUAL. ACCEPTABLE ALTERNATES SHALL BE APPROVED BY THE DIVISION OF HIGHWAY DESIGN AND FHWA, PRIOR TO INSTALLATION.

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

SUBMITTED: 02-26-2020 DATE
DIVISION DIRECTOR
APPROVED: 02-26-2020 DATE
STATE HIGHWAY ENGINEER

GENERAL



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

GENERAL

TYPE D BREAKAWAY SIGN SUPPORT

STANDARD DRAWING NUMBER
RGX-065-03