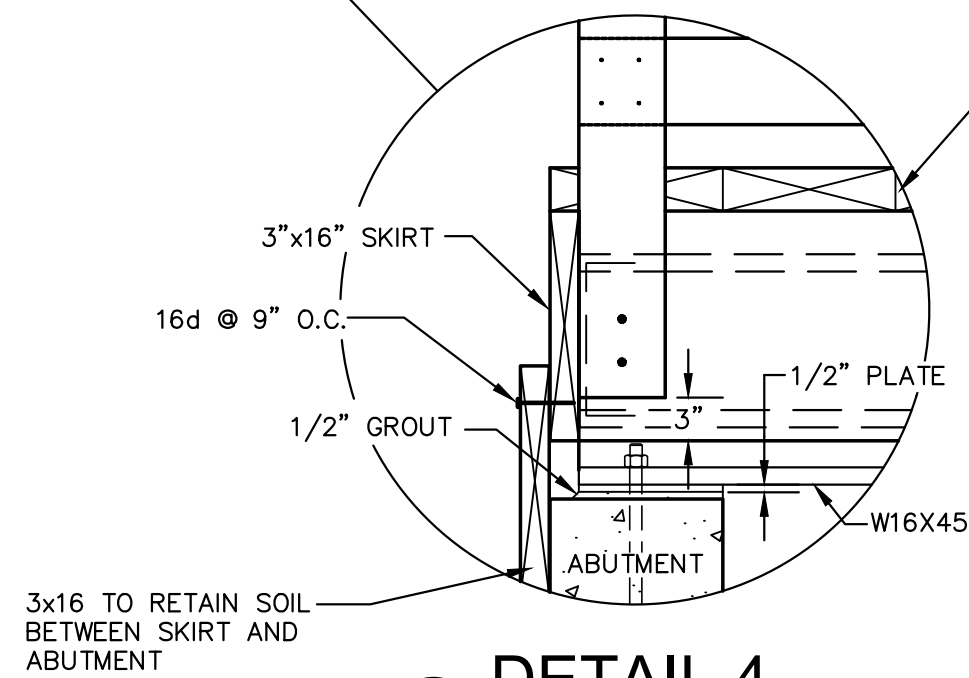
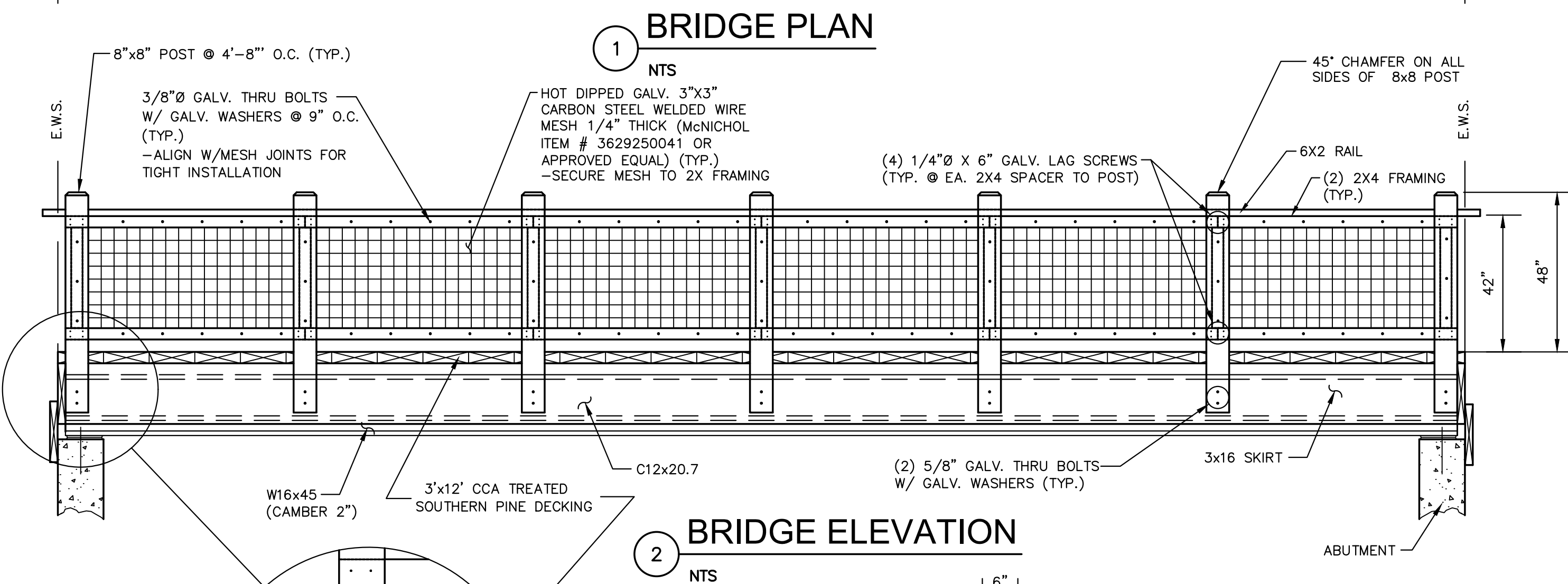
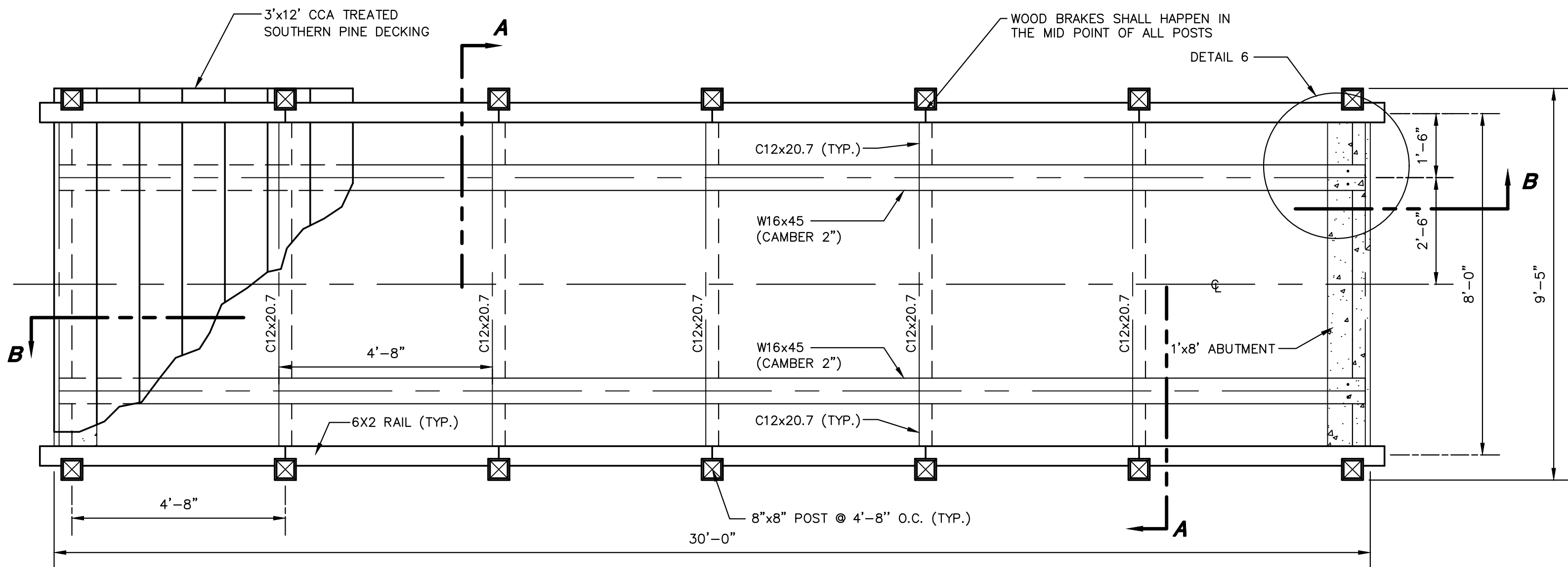
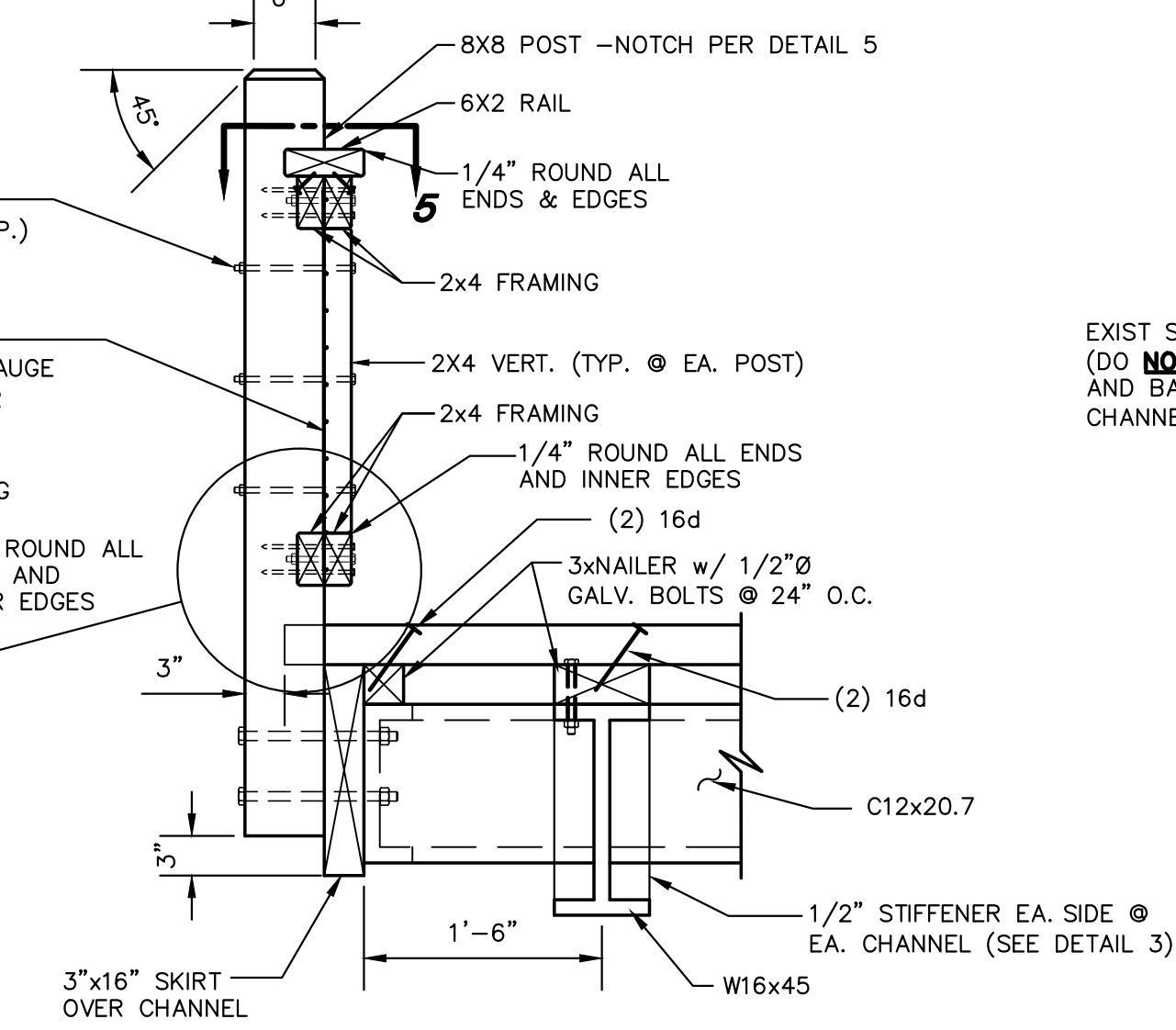
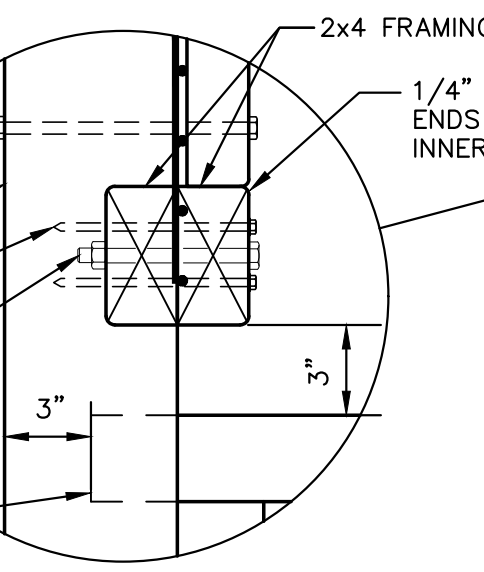
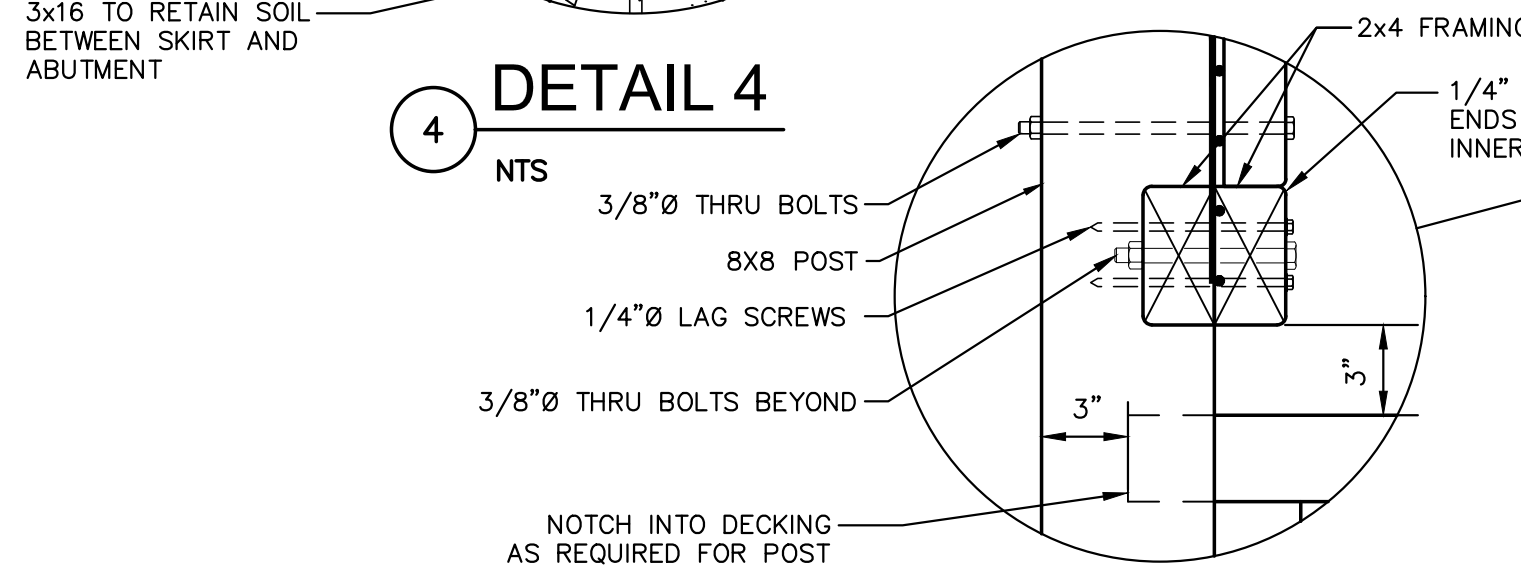
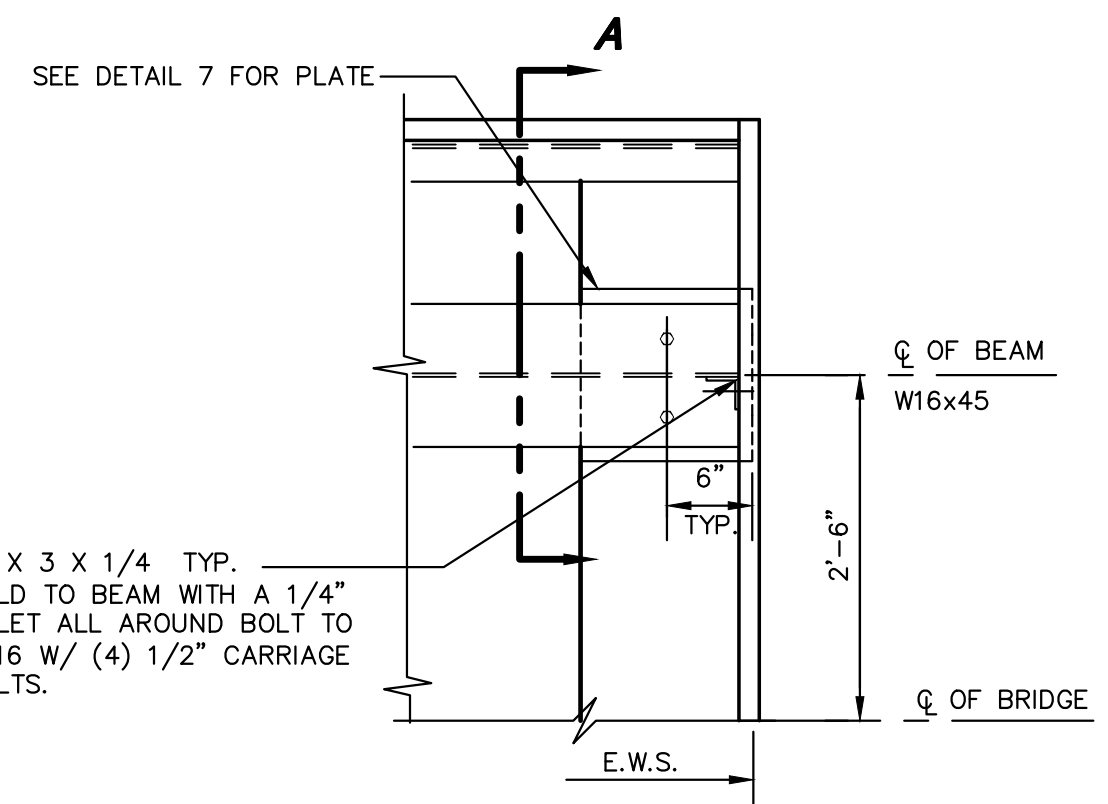




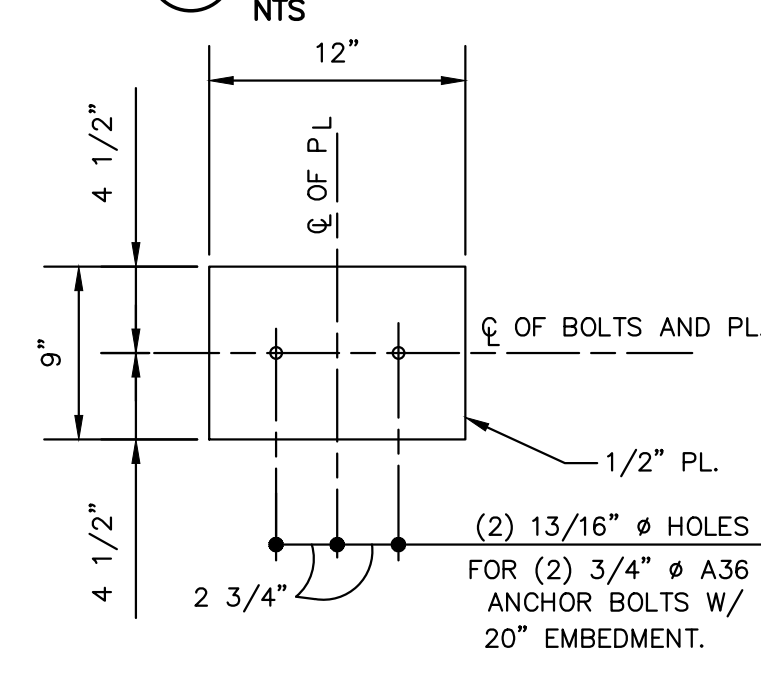
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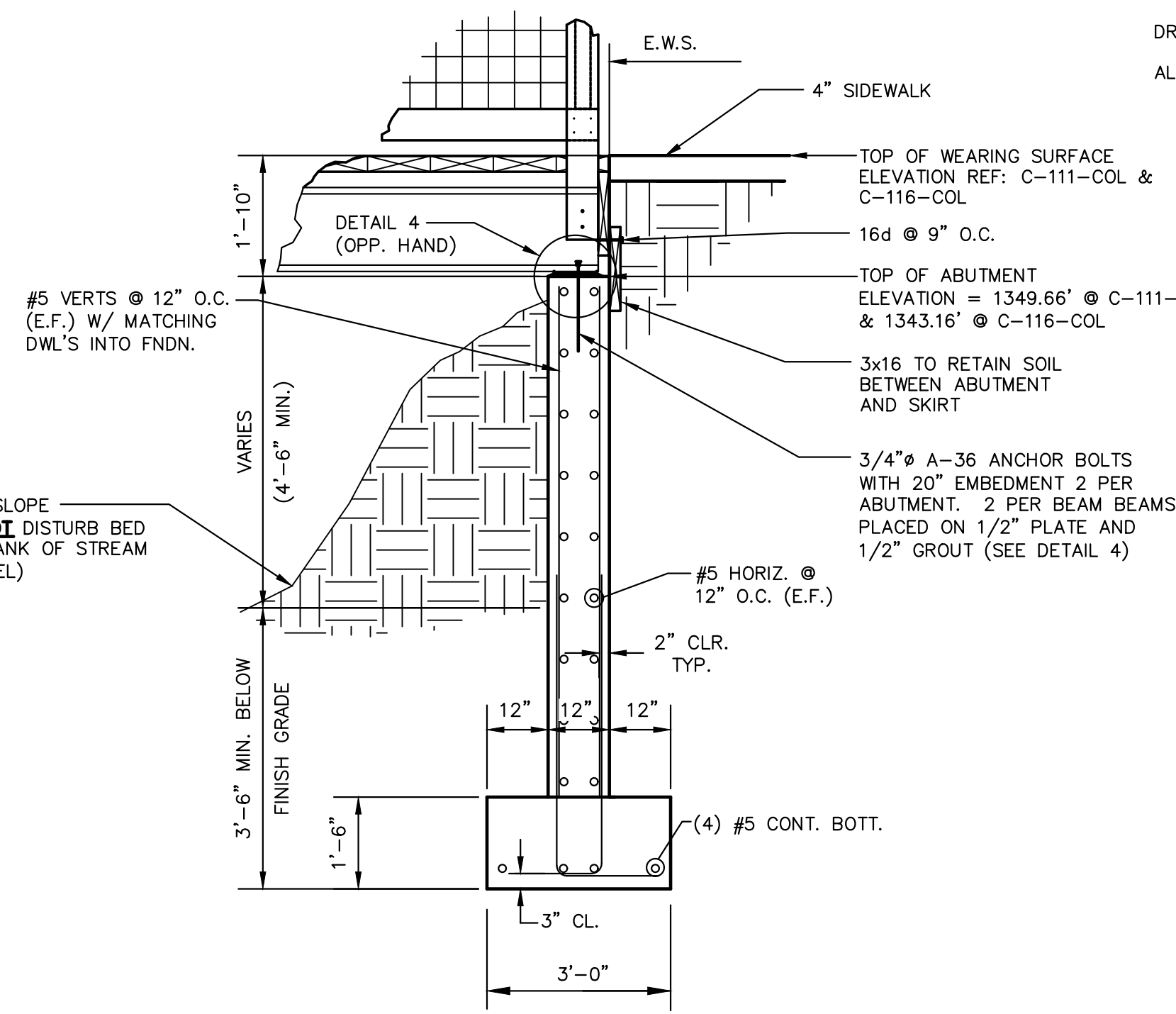
A
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7
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B
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GENERAL NOTES: BRIDGE

DESIGN AND CONSTRUCTION SHALL CONFORM TO THE "WICHITA/SEDGWICK COUNTY UNIFIED BUILDING & TRADE CODE" (2024 INTERNATIONAL BUILDING CODE).

LOADING: LIVE LOAD - 100 PSF
ASHTO SPECIFICATIONS 10TH EDITION OF THE LRFD BRIDGE DESIGN SPECIFICATIONS.

- UNIT STRESSES:
- CONCRETE (AE) - $f_c' = 4,000$ PSI
 - REINFORCING STEEL (GRADE 60) - $F_y = 60,000$ PSI
 - 2X WOOD - TREATED SOUTHERN YELLOW PINE #2 DENSE (U.N.O.) - $F_b = 1200$ PSI MIN.
 - 8X WOOD - TREATED SOUTHERN YELLOW PINE #1 (U.N.O.) - $F_b = 1200$ PSI MIN.
 - STEEL WIDE FLANGE STEEL - ASTM A992
 - STEEL CHANNEL AND PLATE - ASTM A36

BACKFILLING SHALL NOT BEGIN UNTIL THE CONCRETE HAS CURED A MINIMUM OF SEVEN (7) DAYS. BACKFILL MATERIAL SHALL BE DEPOSITED ON BOTH SIDES TO APPROXIMATELY THE SAME ELEVATION AT THE SAME TIME. SPECIAL CARE SHALL BE TAKEN TO PREVENT ANY WEDGING ACTION AGAINST THE ABUTMENT. THE USE OF VIBRATORY EQUIPMENT WILL NOT BE ALLOWED FOR COMPACTING THE BACKFILL.

FOOTINGS: FOOTINGS SHALL BE CAST **IMMEDIATELY** AFTER EXCAVATION. BEARING MATERIAL SHALL NOT BE ALLOWED TO CHANGE IN MOISTURE CONTENT FROM THE PRIOR TO EXCAVATED STATE. IF THE MOISTURE CONTENT OF THE BEARING MATERIAL IS ALLOWED TO CHANGE, THE FOOTING SHALL BE LOWERED. THE FOOTING SHALL BE LOWERED AN ADDITIONAL 2'-0" TO A BEARING MATERIAL WITH A MOISTURE CONTENT SIMILAR TO THE PRIOR TO EXCAVATED STATE.

CONCRETE: CONCRETE SHALL BE (AE) WITH MINIMUM 6.5 SACKS OF CEMENT PER C.Y. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ACI 318-19(22).

SEEDING THE CHANNEL AND ALL AREAS DISTURBED BY EXCAVATION SHALL BE RESEDED.

ALL REINFORCING SHALL BE DETAILED, FABRICATED, AND PLACED PER C.R.S.I. AND A.C.I., INCLUDING CONCRETE COVER AND BAR SUPPORTS. (DESIRED METHOD OF SUPPORTING TOP BARS IN THICK MATS TO BE VERIFIED WITH CONTRACTOR.) PROVIDE CORNER BARS AT ALL "TRENCH" FOOTING AND WALL INTERSECTIONS TO MATCH HORIZONTAL REINFORCING IN SIZE AND SPACING. AT INTERSECTIONS OF CONTINUOUS SPREAD FOOTINGS, EXTEND ALL BARS TO FAR SIDE OF INTERSECTING FOOTING. LAP BARS AS CALLED OUT ABOVE AT ALL SPLICES INCLUDING CORNER BARS AND DOWELS.

3" CONCRETE COVER REQUIRED FOR REINFORCING IN FOUNDATIONS AND FOOTINGS CAST AGAINST SOIL AND IN TOP OF DECK. ALL OTHER COVER SHALL BE 2" UNLESS NOTED OTHERWISE.

EF AND EF EW NOTATION REFERS TO REBAR IN EACH FACE AND EACH FACE EACH WAY, RESPECTIVELY.

ALL WOOD DECKING SHALL BE CCA TREATED COMMERCIAL GRADE SOUTHERN PINE DECKING. EDGE-GRAIN LUMBER IS PREFERABLE FOR THE DECK. IF NOT AVAILABLE USE FLAT-GRAIN LUMBER WITH BARK SIDE UP. IF UNSEASONED PLANKS ARE USED PLACE WITH TIGHT JOINTS. SEASONED PLANKS SHALL HAVE 1/4" GAP.

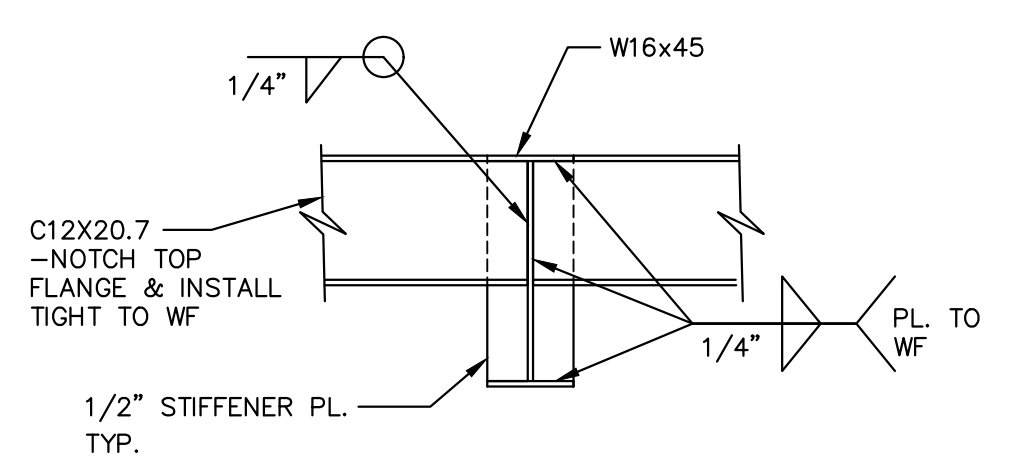
ROUGH CUT LUMBER IS ACTUAL SIZE. ALL OTHER LUMBER IS A NOMINAL DIMENSION.

STEEL BEAMS SHALL BE GALVANIZED PER ASTM A123-24 1.5 OZ. OF ZINC/SQ. FT. SURFACE AREA.

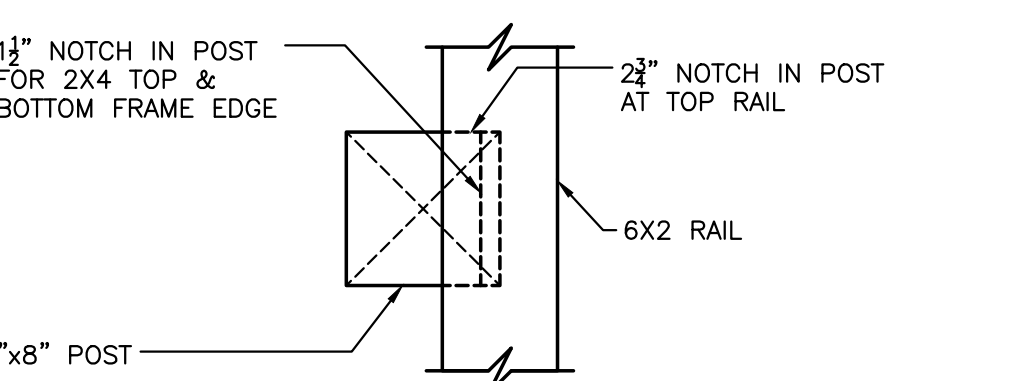
ALL BOLTS, WASHERS, NUTS AND NAILS SHALL BE GALVANIZED.

DRIVE ALL NAILS FLUSH WITH WOOD SURFACE.

ALL NAILS TO BE INSTALLED NEATLY AND UNIFORMLY.



3
NTS



5
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COLLECTOR PHASE - PAVING PLANS TO SERVE COURTYARDS AT JACOBS FARM SECOND ADDITION WICHITA, KANSAS

PEDESTRIAN BRIDGE DETAILS

PROJECT NO.
472-2025-086174

SCALE
NTS

DRAWN DESIGNED CHECKED
WJW JAG JAG

NO.	REVISION	DATE

SHEET NO.
C-120-COL
22 OF 68