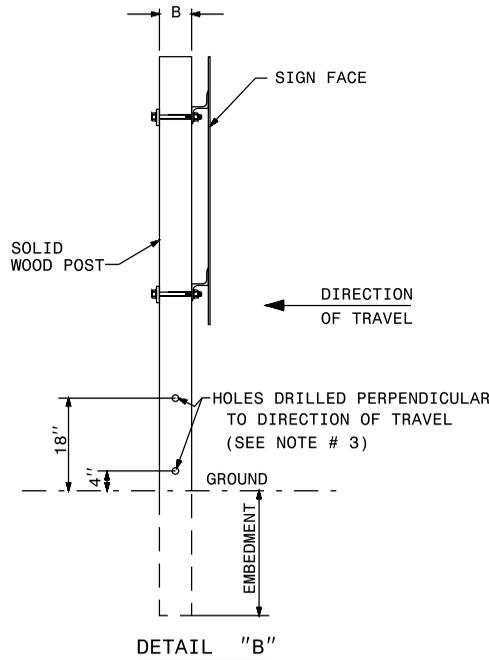


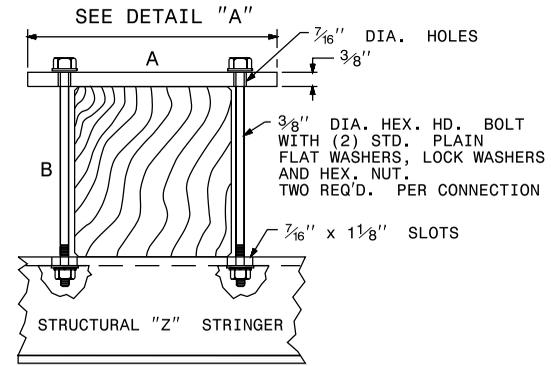
1 1/2" x 3/8" ALUM. BAR
STIFFENER, 3 REQ'D.
(SEE NOTE #7)

POST SIZE AND DRILLED HOLE SIZE

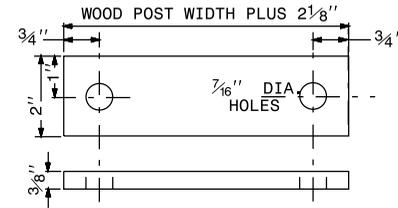
	A	B	HOLE SIZE	EMBEDMENT
	4.0"	4.0"	N/A	3.5 FT.
	4.0"	6.0"	1.5"	4.5 FT.
	6.0"	6.0"	2.0"	5.25 FT.
	6.0"	8.0"	3.0"	6.0 FT.
	8.0"	8.0"	N/A	6.5 FT.
M	8.0"	8.0"	SEE DETAIL	6.5 FT.
L	8.0"	15.0"	SEE DETAIL	6.5 FT.



DETAIL "B"



WOOD SUPPORT
MOUNTING DETAIL



DETAIL "A"

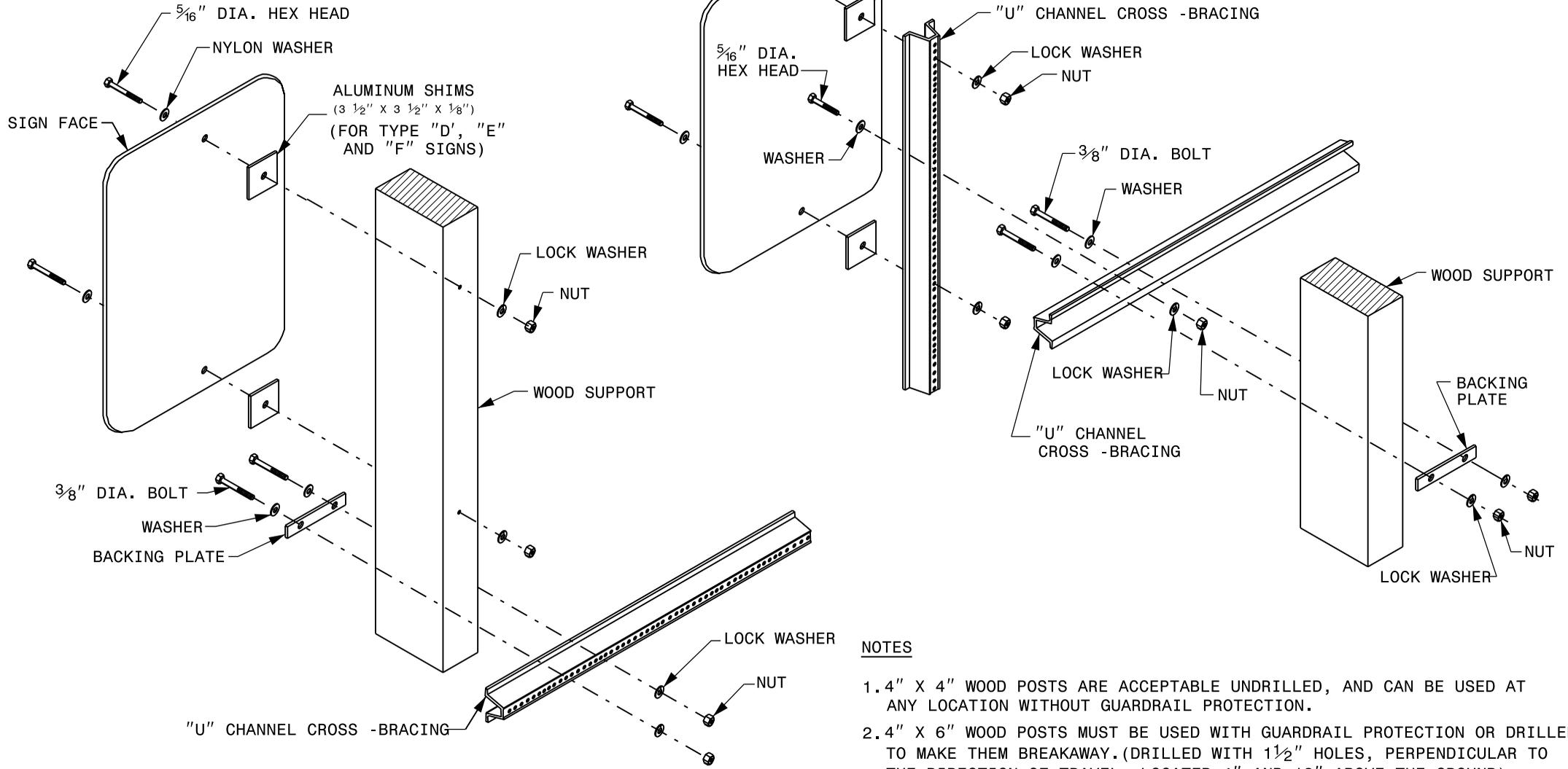
NOTES:

1. USE THE SIZE, NUMBER, LENGTH AND TYPE OF SUPPORTS SHOWN IN THE PLANS. USE WOOD POSTS THAT CONFORM TO SECTIONS 1082-2 AND 1082-3 OF THE 2002 NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES.
2. MOUNT ALL WOOD POSTS THAT DO NOT HAVE DRILLED HOLES BEHIND GUARDRAIL, EXCEPT THE 4" X 4" WOOD POSTS.
3. FOR WOOD POSTS, DRILL THE BOTTOM HOLE 4" ABOVE THE GROUND AND THE TOP HOLE 18" ABOVE THE GROUND (SEE DETAIL "B"). SEE CHART FOR POST SIZES AND DRILLED HOLE SIZES. DRILL HOLES PERPENDICULAR TO THE DIRECTION OF TRAVEL. DUAL SUPPORTS MUST BE AT LEAST 7 FEET APART.
4. LOCATE ALL WOOD POSTS THAT ARE 8" X 8" EITHER BEHIND GUARDRAIL OR LOCATED SO THAT THE POSTS COULD NOT BE HIT BY TRAFFIC.
5. FURNISH ALL MOUNTING HARDWARE.
6. USE GALVANIZED STEEL BACKING PLATES AND MOUNTING BOLTS.
7. ADJUST STIFFENERS TO AVOID CONFLICTS WITH SUPPORTS.
8. DRILL HOLES IN THE CENTER OF THE SUPPORTS

ATTACHMENT METHODS

POST SIZE AND DRILLED HOLE SIZE

A	B	HOLE SIZE	EMBEDMENT
4.0"	4.0"	N/A	3.5 FT.
4.0"	6.0"	1.5"	4.5 FT.



NOTES

1. 4" X 4" WOOD POSTS ARE ACCEPTABLE UNDRILLED, AND CAN BE USED AT ANY LOCATION WITHOUT GUARDRAIL PROTECTION.
2. 4" X 6" WOOD POSTS MUST BE USED WITH GUARDRAIL PROTECTION OR DRILLED TO MAKE THEM BREAKAWAY. (DRILLED WITH 1 1/2" HOLES, PERPENDICULAR TO THE DIRECTION OF TRAVEL, LOCATED 4" AND 18" ABOVE THE GROUND)
3. USE "U" CHANNEL POSTS FOR CROSS -BRACING SIGNS SUPPORTED BY DUAL WOOD POSTS.