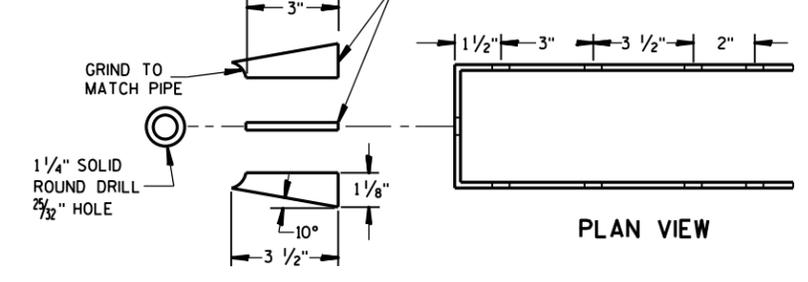
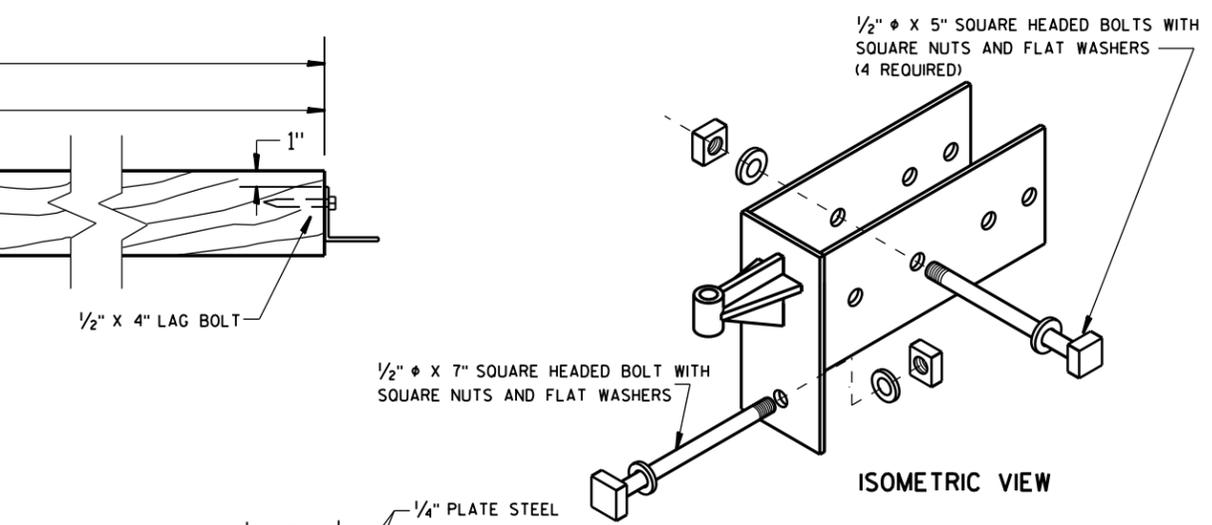
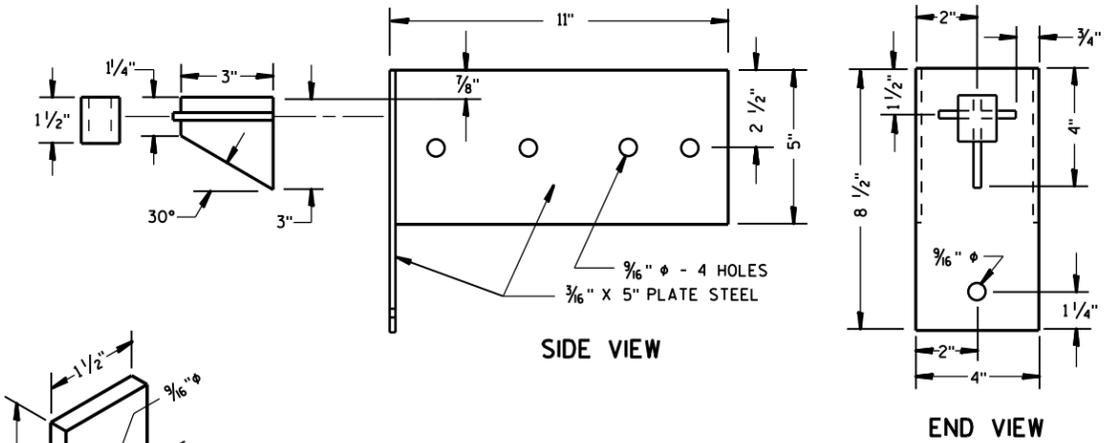


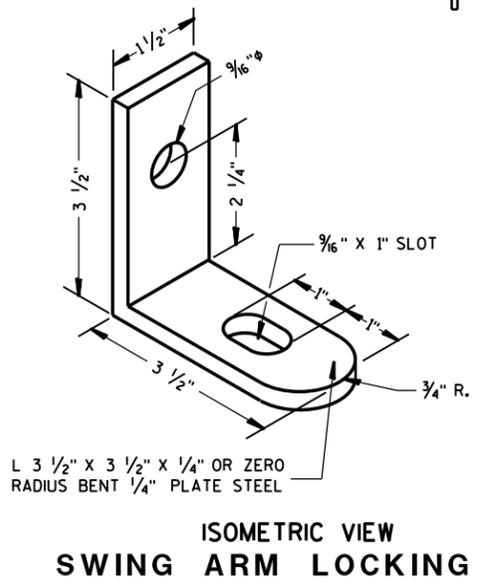
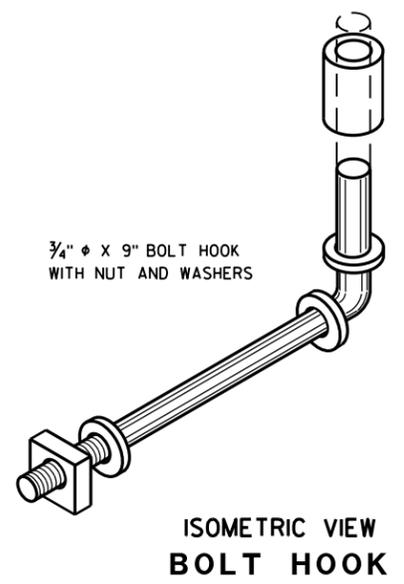
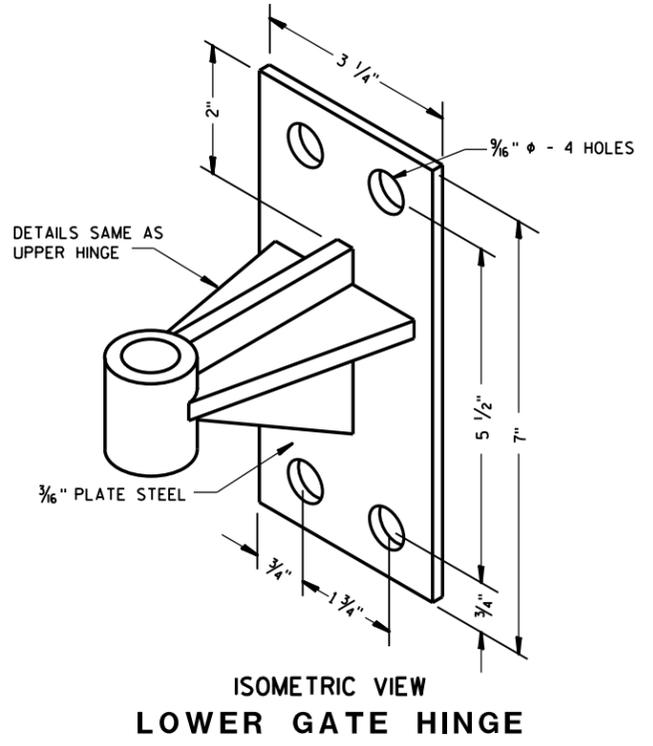
FRONT VIEW
WOOD GATES, DOUBLE LEAF



NOTE:
ALL PIECES FOR HINGE SHALL BE FABRICATED WITH A 3/16" LEG FILLET WELD.

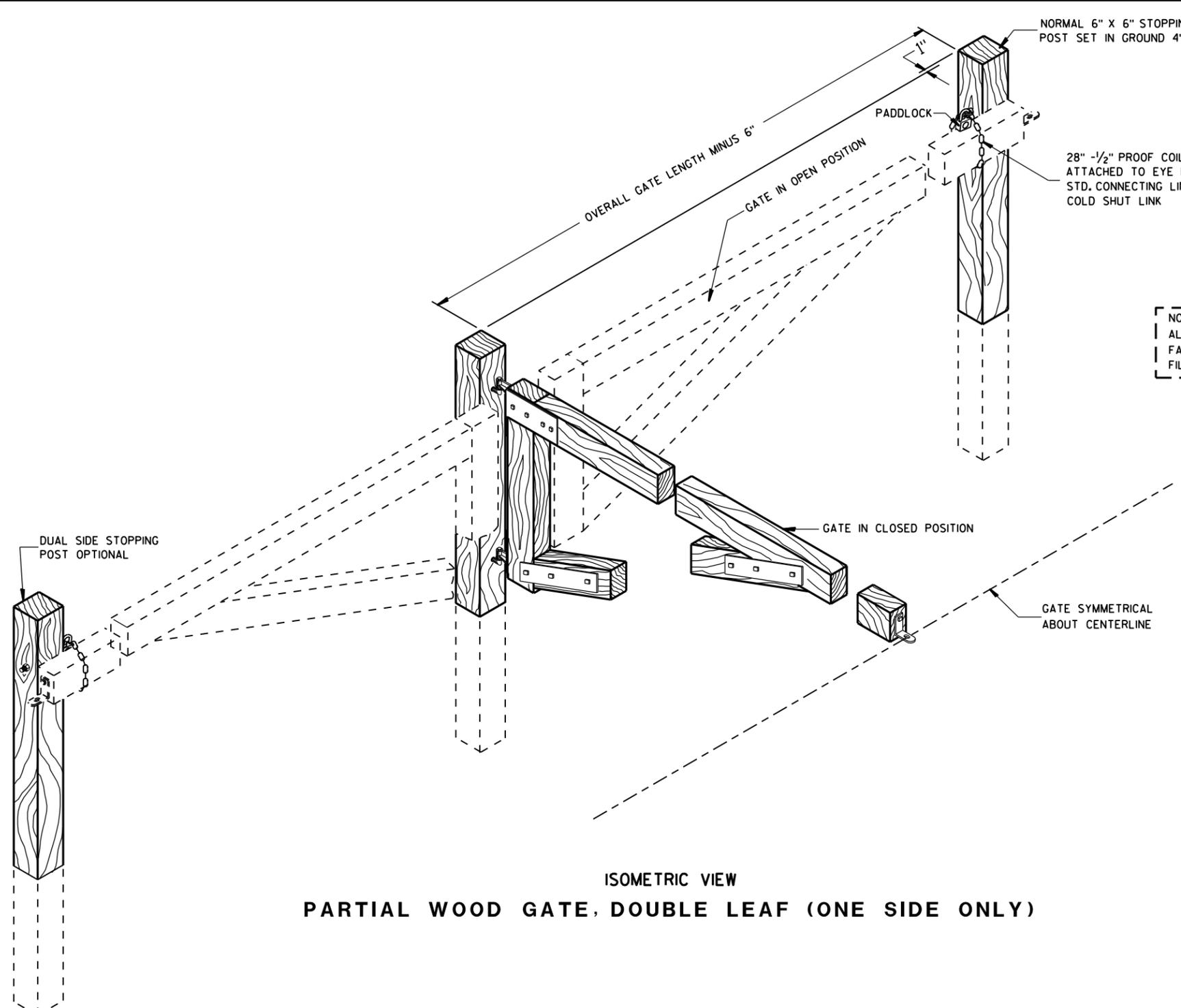


UPPER HINGE DETAIL ASSEMBLY



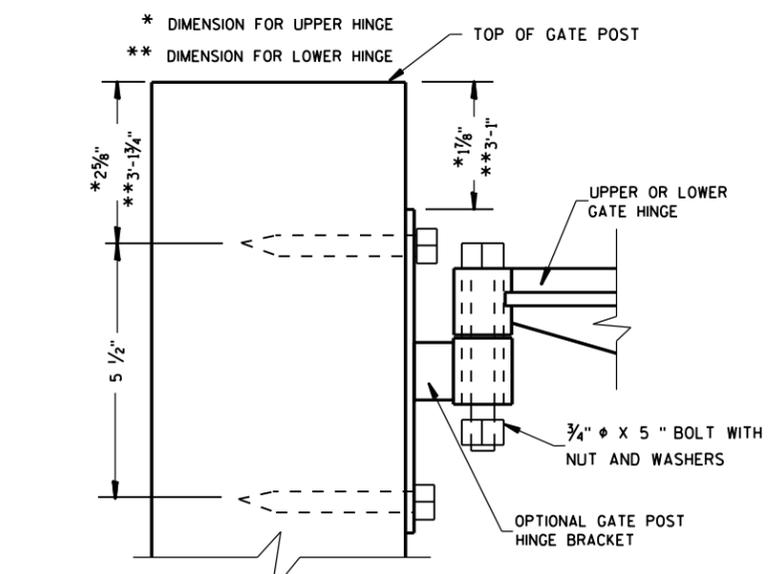
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6

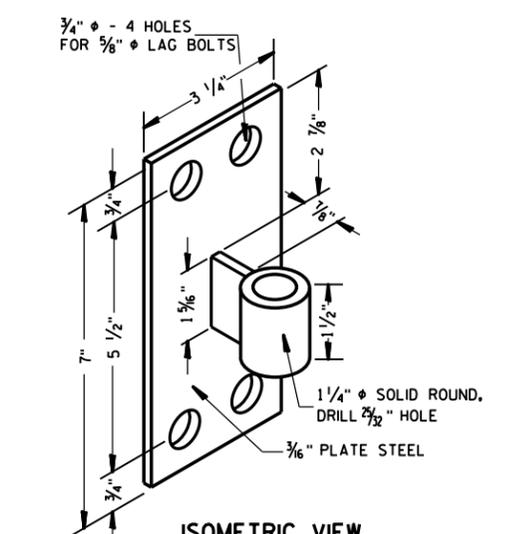


ISOMETRIC VIEW
PARTIAL WOOD GATE, DOUBLE LEAF (ONE SIDE ONLY)

NOTE:
ALL PIECES FOR HINGE SHALL BE
FABRICATED WITH A $\frac{3}{16}$ " LEG
FILLET WELD.



SIDE VIEW
INSTALLATION FOR OPTION B
GATE POST HINGE BRACKET



ISOMETRIC VIEW
OPTION B
GATE POST HINGE BRACKET

NOTE: TO BE USED IN PLACE OF HOOK BOLT
FOR A 16' CLEAR WIDTH OPENING ONLY
(USE ON BOTH UPPER & LOWER GATE HINGE ASSEMBLY)

WOOD GATE, DOUBLE LEAF

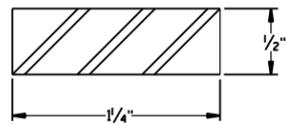
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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S.D.D. 15 B 10-1b

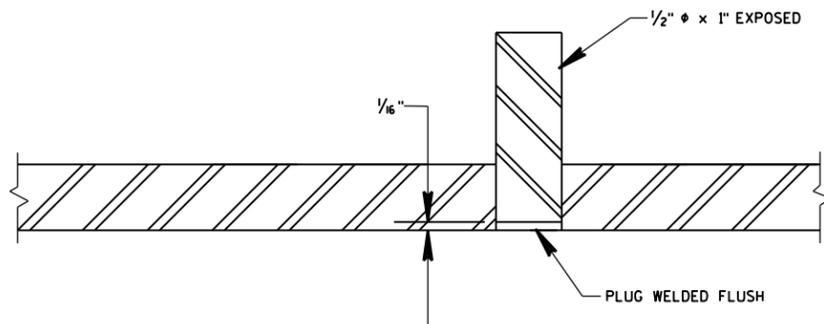
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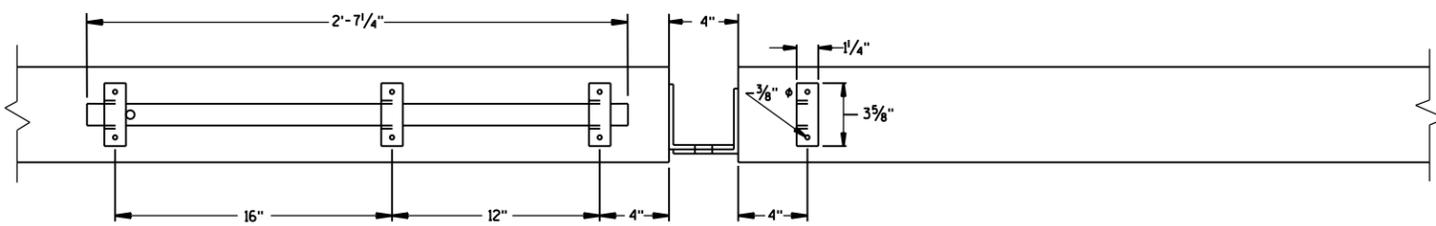
SLIDE BAR CROSS SECTION



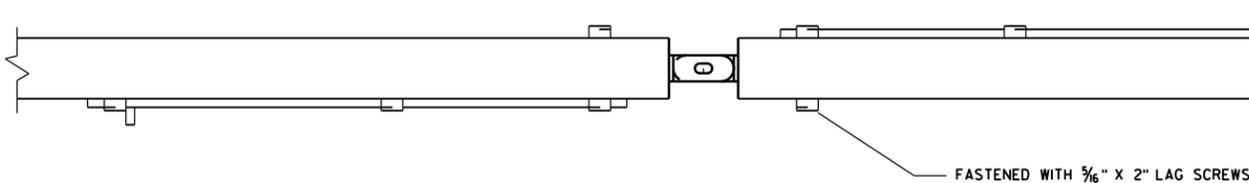
KEYWAY FOR SLIDE BAR
ISOMETRIC VIEW



SECTION FOR SLIDE PIN ASSEMBLY



ELEVATION VIEW



PLAN VIEW

SLIDE BAR ASSEMBLY FOR GATES GREATER THEN 20'-0"

GENERAL NOTES

POSTS SHALL BE SET IN GROUND AT THE DEPTH SHOWN, FILLED AND COMPACTED EVERY 6 INCHES WITH ORIGINAL SUBSOIL.

ALL SAW CUTS AND HOLES DRILLED IN TIMBERS SHALL BE TREATED IN ACCORDANCE WITH SECTION 507.2.2.6 AND WOOD PRESERVATIVE SHALL BE SECTION 507.2.3.4 OF THE STANDARD SPECIFICATIONS.

GATE LOCK CAN BE MASTER KEYPED AND SHALL HAVE THE FOLLOWING MINIMUM DIMENSIONS: SHACKLE DIA. OF 3/8", VERTICAL CLEARANCE OF 1 1/2", HORIZONTAL CLEARANCE OF 1/2".

ALL METAL SHALL BE PAINTED WITH A ZINC RICH PRIMER AND ONE COAT OF EPOXY FINISH PAINT. A SECOND FINISH COAT SHALL BE FIELD APPLIED AFTER INSTALLATION.

STOPPING POSTS SHALL BE SET AT EACH SIDE AND EQUIPPED WITH LOCKING POST LOCK BAR FOR HOLDING IN POSITION.

ALL TIMBER BRACES AND HINGE ASSEMBLY SHALL BE SHOP FABRICATED.

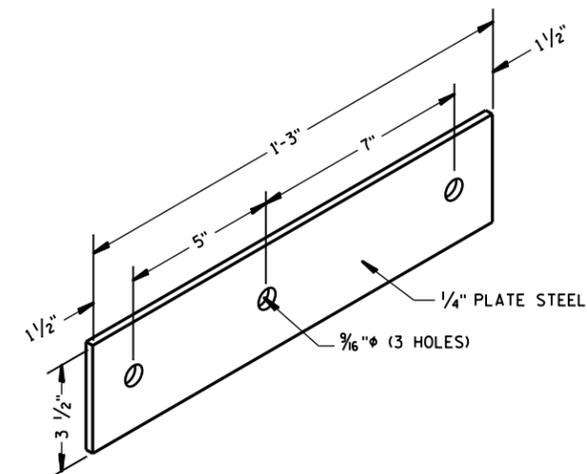
(TABLE OF DIMENSIONS)

CLEAR WIDTH	DISTANCE BETWEEN POSTS	LENGTH OF UPPER GATE BEAM	OVERALL GATE LENGTH
12'-0"	12'-7"	5'-2 1/2"	5'-8"
14'-0"	14'-7"	6'-2 1/2"	6'-8"
16'-0"	16'-7"	7'-2 1/2"	7'-8"
18'-0"	18'-7"	8'-2 1/2"	8'-8"
** 20'-0"	20'-7"	9'-2 1/2"	9'-8"
** 24'-0"	24'-7"	11'-2 1/2"	11'-8"
** 28'-0"	28'-7"	13'-2 1/2"	13'-8"
** 30'-0"	30'-7"	14'-2 1/2"	14'-8"
** 32'-0"	32'-7"	15'-2 1/2"	15'-8"

DESIGN NOTE:

GATE SIZE SHALL BE SPECIFIED AS THE CLEAR WIDTH OF OPENING.

**FOR A 20' AND UP CLEAR WIDTH OPENING - HINGE BRACKET (OPTION B) IS TO BE USED INSTEAD OF THE BOLT HOOK, AND HINGE POST SHALL BE AT A MIN. DEPTH OF 6'-0" AND SLIDE BAR ASSEMBLY SHALL BE USED.



ISOMETRIC VIEW
UPPER AND LOWER SPLICE PLATES

WOOD GATE, DOUBLE LEAF

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
1/5/94 DATE /S/ Rory L. Rhinesmith
CHIEF METHODS DEVELOPMENT ENGINEER
FHWA

Wood Gate, Double Leaf

References:

NONE

Bid items associated with this drawing:

<u>ITEM NUMBER</u>	<u>DESCRIPTION</u>	<u>UNIT</u>
NONE		

Standardized Special Provisions associated with this drawing:

<u>STSP NUMBER</u>	<u>TITLE</u>
NONE	

Other SDDs associated with this drawing:

NONE

Design Notes:

NONE

Contact Person:

Peter Amakobe Atepe (608) 261-0138