

END VIEW

FRONT VIEW

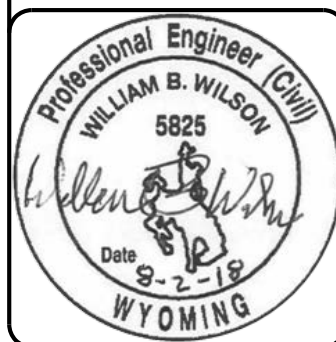
HOLE MAY BE DRILLED FOLLOWING FRAME ASSEMBLY TO ENSURE FULL BEARING ON THE SILL.

HARDWARE FOR ONE 12 FT [3.6 m] PANEL		
NOTE	QUANTITY	DESCRIPTION
A	6	5/8" DIA. x 6" [16 DIA. x 150] FULLY THREADED BOLT WITH WASHER UNDER NYLON INSERT LOCKNUT
B	15	5/8" DIA. x 5" [16 DIA. x 130] FULLY THREADED BOLT WITH WASHER UNDER HEAD AND UNDER NYLON INSERT LOCKNUT
C	78	SLAT FASTENERS - 10D [75 LONG] RING SHANK OR SCREW SHANK NAILS (FULL HEAD)
D	* 22	CROSS & SLOPE BRACE FASTENERS - 8D [65 LONG] COMMON NAILS
E	6	#6 x 5'-0" [#19 x 1525] REBAR
F	6	5" x 1 1/2" x 1/8" [127 x 38 x 3] ANCHOR CLIP FOR 5/8" [16] Ø BOLT

PROVIDE BOLTS, NYLON INSERT LOCKNUTS AND WASHERS WHICH ARE GALVANIZED AND A307 OR SAE GRADE 2 OF BETTER.  
\* 44 IF SLOPE BRACE IS USED.

LUMBER FOR ONE 12 FT [3.6 m] PANEL			
ITEM NO.	NO. OF PIECES	LUMBER SIZE	DESCRIPTION
①	3	2" x 6" x 8'-0" [50 x 150 x 2440]	SILL
②	3	2" x 8" x 11'-0" [50 x 205 x 3350]	LONG BRACE
③	3	2" x 6" x 6'-0" [50 x 150 x 1830]	SHORT BRACE
④	3	2" x 6" x 12'-0" [50 x 150 x 3660]	FRONT VERTICAL
⑤	3	2" x 6" x 4'-6" [50 x 150 x 1370]	KNEE BRACE
NOTE: PRESSURE TREAT ALL ABOVE FRAME MEMBERS.			
⑥	1	1" x 6" x 12'-0" [25 x 150 x 3660]	CROSS BRACE
⑦	13	1" x 6" x 12'-0" [25 x 150 x 3660]	SLAT
⑧	1	1" x 6" x 12'-0" [25 x 150 x 3660]	SLOPE BRACE

NOTE: WHEN GROUND SLOPE IS 1V:5H OR STEEPER, USE SLOPE BRACE ⑧.



Designed by: WBW  
Drawn by: JK  
Checked by: WBW  
Date: 9-2-18  
Previous Dwg. No.: 616-02

PANEL CONSTRUCTION DETAILS

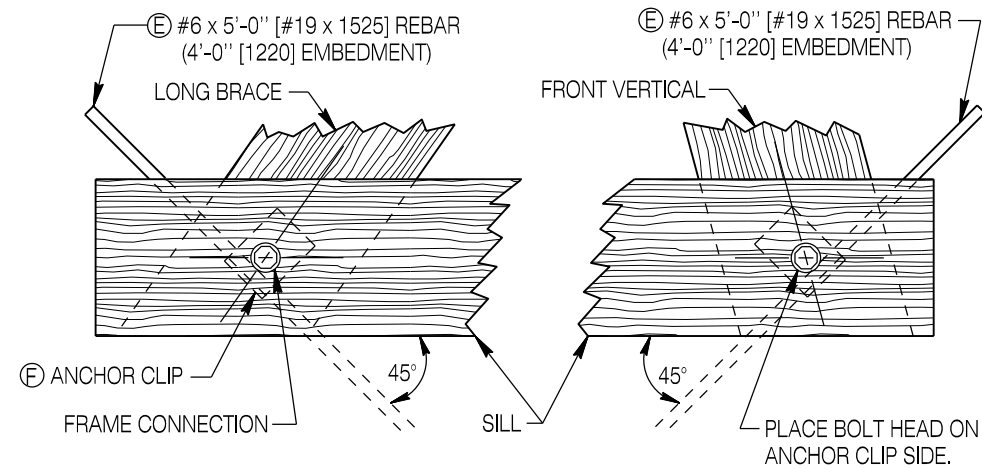
Note: Units shown in brackets [ ] are metric and are in millimeters (mm) unless other units are shown.



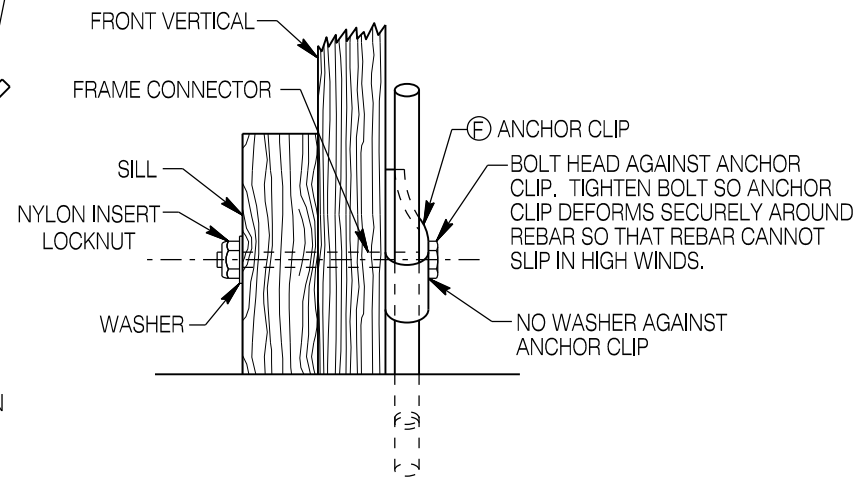
12 FT [3.6 m] WOOD SNOW FENCE

STANDARD PLAN

STANDARD PLAN NUMBER  
**616-2B**  
SHEET 1 of 2  
Issued by: ENGINEERING SERVICES  
Date Issued: OCTOBER 2018

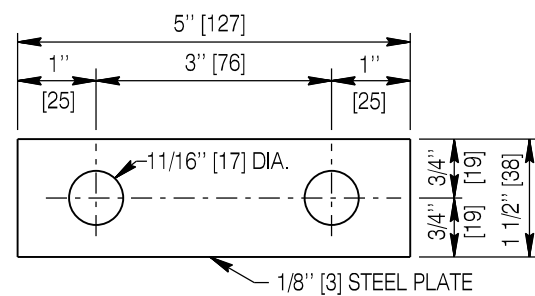


END VIEW



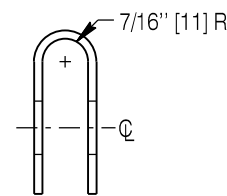
FRONT VIEW

**F ANCHOR CLIP CONNECTION DETAIL**



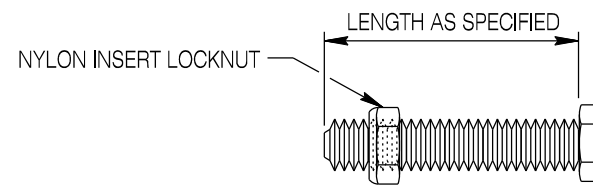
**F ANCHOR CLIP FOR 5/8" [16] DIA. BOLT**

(FLAT PLATE PRIOR TO BENDING) PROVIDE HOLES NO GREATER THAN 1/16 in. [1.5] LARGER THAN THE BOLT



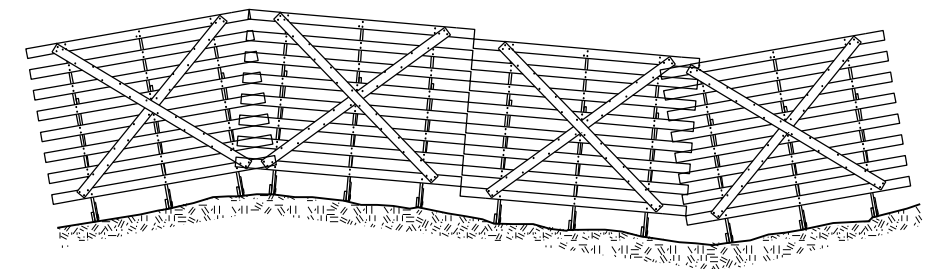
**F END VIEW OF ANCHOR CLIP**

(AFTER BENDING)

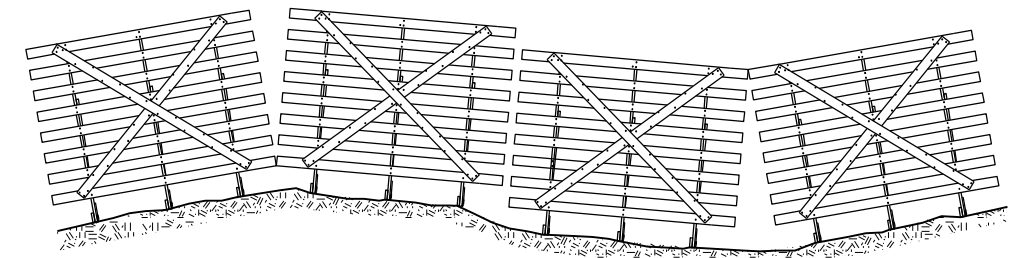


**A & B FULLY THREADED BOLTS**

**NOTE:** WHERE 5" [125] LONG FULLY THREADED BOLTS ARE SPECIFIED, IT IS ACCEPTABLE TO FURNISH 6" [150] LONG FULLY THREADED BOLTS IF DESIRED.



THE RIGHT WAY



THE WRONG WAY

**PANEL LAPPING DETAIL**

**NOTE:** OVERLAP PANELS TO ELIMINATE SPACES BETWEEN PANELS. SPACES GREATLY REDUCE TRAPPING EFFICIENCY AND SNOW STORAGE CAPACITY.

Designed by: VBBW  
 Drawn by: JK  
 Checked by: VBBW  
 Previous Dwg. No. 616-02

FRAME CONNECTION AND PANEL OVERLAP DETAILS

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WYOMING DEPARTMENT OF TRANSPORTATION



12 FT [3.6 m] WOOD SNOW FENCE

STANDARD PLAN

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616-2B

SHEET 2 of 2

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