

APPROXIMATE WEIGHT OF 32" [813] WOVEN WIRE FABRIC (832-6-12 1/2) PER 20 ROD [100 m] ROLL IS 150 LB. [68 kg] !10 LB. [5 kg] (NOTE: 12 1/2 GAUGE)

• DENOTES STAPLE AND/OR TIE LOCATIONS

APPROXIMATE WEIGHT OF 39" [990] WOVEN WIRE FABRIC (939-6-12 1/2) PER 20 ROD [100 m] ROLL IS 170 LB. [77 kg] !10 LB. [5 kg] (NOTE: 12 1/2 GAUGE)

<u>STAYS</u>

- 1. USE WIRE STAYS ON ALL FENCES UNLESS WOOD STAYS ARE SPECIFIED.
- 2. LOCATE STAYS HALFWAY BETWEEN LINE POSTS.
- 3. WIRE STAYS FOR BARBED WIRE FENCING ARE 2" [50] LONGER THAN THE DISTANCE BETWEEN THE TOP AND BOTTOM WIRES.
- 4. FOR WOVEN WIRE FENCING WITH BARBED WIRE ON TOP, EXTEND WIRE STAYS 6" [150] MINIMUM BELOW THE TOP OF THE WOVEN WIRE.
- 5. WHEN WOOD STAYS ARE SPECIFIED, USE EITHER 2" [50] ROUND, A ROUGH DIMENSION 2" x 2" [50 x 50], OR A 1 1/2" x 3 1/2" [37.5 x 87.5] (NOMINAL 2" x 4" [50 x 100]).
 THE STAY MUST BE OF SUFFICIENT LENGTH TO BE PLACED ON THE GROUND WITH THE TOP OF THE STAY EXTENDING 2" [50] ABOVE THE TOP WIRE. ATTACH EACH WIRE TO THE WOOD STAYS USING 1 3/4" [44] x 9 GAUGE STAPLES. WOOD STAYS DO NOT NEED TO BE TREATED.

NOTES:

- ① STAPLE THE BOTTOM, TOP, CENTER AND ALTERNATE WIRES OF WOVEN WIRE TO WOOD LINE POSTS.
- ② TIE THE BOTTOM, TOP, CENTER AND ALTERNATE WIRES OF WOVEN WIRE TO STEEL LINE POSTS.
- ③ STAPLE ALL WIRES OF WOVEN WIRE TO WOOD CORNER POSTS OR POSTS USED TO TIE-OFF WIRE.
- (4) "M" DENOTES METAL POSTS, IE. TYPE F3M.
 "W" DENOTES WOOD POSTS, IE. TYPE F4W.
- (5) SEE DTL. DWG. NO. 607-05, 607-10, AND 607-15 FOR ADDITIONAL FENCING DETAILS.

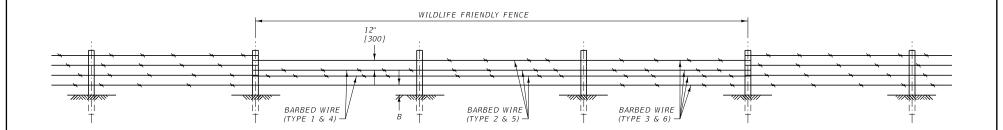
DETAILED DRAWING
REFERENCE DWG. NO.

STANDARD SPEC. SECTION 607 607-00

FARM FENCE



^{*} OTHER WOVEN WIRE HEIGHTS AND NUMBER OF BARBED WIRE COMBINATIONS ARE AVAILABLE.



		WIRE SPACIA	NG TABLE		
WILDLIFE-FRIENDLY FAR	M FENCE TYPE 1 & 4	WILDLIFE-FRIENDLY FAR	M FENCE TYPE 2 & 5	WILDLIFE-FRIENDLY FAR	RM FENCE TYPE 3 & 6
42" [1050] FENCE	HEIGHT	42" [1050] FENCE	HEIGHT	42" [1050] FENC	E HEIGHT
WF-2 BW/2 SW-16 & WF	-2 BW/2 SW-12	WF-3 BW/1 SW-16 & WF	-3 BW/1 SW-12	WF-4 BW-16 & V	VF-4 BW-12
TYPE WF4-SBBS-16 & TY	PE WF4-SBBS-12	TYPE WF4-3BS-16 & TY	PE WF4-3BS-12	TYPE WF4-4B-16 & T	YPE WF4-4B-12
SMOOTH WIRE (12 1/2 GAUGE) BARBED WIRE (12 1/2 GAUGE) SMOOTH WIRE (12 1/2 GAUGE)	12" [300] A A B	BARBED WIRE (12 1/2 GAUGE) SMOOTH WIRE (12 1/2 GAUGE)	12" [300] A A B	BARBED WIRE (12 1/2 GAUGE)	12" [300] A A B

• DENOTES STAPLE AND/OR TIE LOCATIONS

		BOTTO	OM WIRE H	EIGHT		
		W	IRE SPACI	VG		
TYPE	1	2	3	4	5	6
А	7" [175]	7" [175]	7" [175]	9" [225]	9" [225]	9" [225]
В	16" [400]	16" [400]	16" [400]	12" [300]	12" [300]	12" [300]

NOTES:

() "M" DENOTES METAL POSTS, IE. TYPE WF4M.
"W" DENOTES WOOD POSTS, IE. TYPE WF4W.

② SEE DTL. DWG. NO. 607-05, 607-10, AND 607-15 FOR ADDITIONAL FENCING DETAILS. STANDARD SPEC. 607-01
SECTION 607

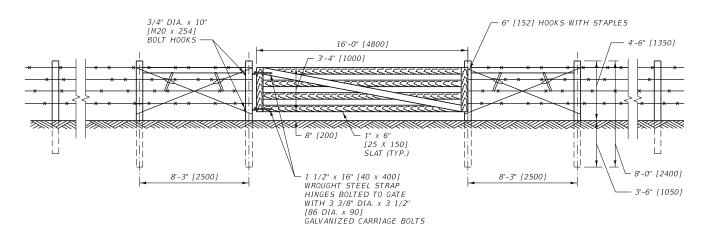
WILDLIFE FRIENDLY FENCE

REFERENCE



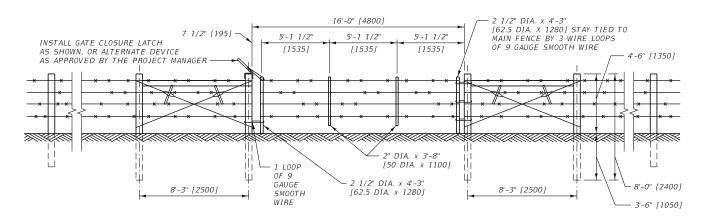
DETAILED DRAWING

DWG. NO.



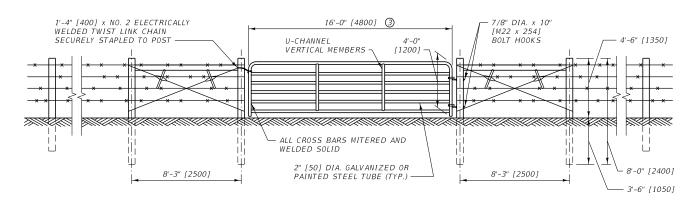
WOOD FARM ENTRANCE GATE (TYPE G-1)

NOTE: USE 10d NAILS AND CLINCH FOR GATE CONSTRUCTION.



WIRE FARM ENTRANCE GATE (TYPE G-2)

NOTE: USE SAME WIRE SCHEME ON GATE AS THAT USED ON FENCE, UNLESS STATED OTHERWISE IN R/W AGREEMENT.



METAL FARM ENTRANCE GATE (TYPE G-3)

NOTES:

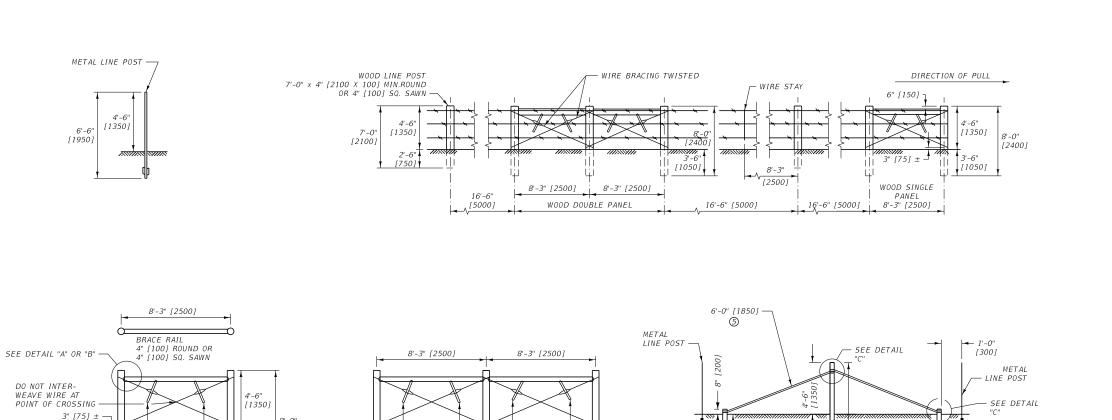
- ① ALL GATES ARE 16'-0" [4800] WIDE UNLESS R/W AGREEMENT STATES OTHERWISE.
- 2 ALL GATES WILL HAVE A SINGLE OR DOUBLE PANEL AT EACH END.
- TYPE G-3 GATES ARE AVAILABLE IN WIDTHS FROM 4' [1.2 m] TO 20' [6.0 m] IN 2' [0.6 m] INCREMENTS.

UNITS SHOWN IN BRACKETS [] ARE METRIC AND ARE IN MILLIMETERS (mm) UNLESS OTHER UNITS ARE SHOWN.

DETAILED DRAWING REFERENCE DWG. NO. STANDARD SPEC. SECTION 607 607-02

FARM ENTRANCE GATES





LEVERS

7" [175] PILOT HOLE

WOOD POSTS:

[2400 x 125]

ROUND OR 5" [125] SQ. SAWN

DOUBLE WOOD PANEL

FOR CORNERS, PULLING, STRETCHING, AND CHANGES IN HORIZONTAL ALIGNMENT.

4" [100] PILOT HOLE

POSTS ARE NOT NOTCHED.

PILOT HOLE DIAMETER IS 5/16" [7.9].

FURNISH AND INSTALL

DETAIL "B"

ALTERNATE PANEL BRACING

ON DETAIL "A".

WHEN SQUARE POSTS ARE USED, NOTCHING IS NOT NECESSARY. NAIL TO POST WITH 4 ~ 20d 12" [300] SPIKE NOTCH 1" GALV. NAILS. [25] TYPICAL STAPLE

WOOD POSTS-

8'-0" x 5" [2400 x 125] ROUND

OR 5" [125] SQ. SAWN

- LEVERS -

SINGLE WOOD PANEL

FOR PULLING, STRETCHING, CHANGES IN VERTICAL ALIGNMENT OR PANELS ON A RUN OF LESS THAN 330' [100 m].



BRACE WIRES - PROVIDE MINIMUM 12 1/2 GAUGE SMOOTH WIRE DOUBLED TO FORM A FOUR WIRE BRACE. ATTACH BRACE WIRES TO POSTS BY WRAPPING AROUND THE POST AT LEAST TWO TIMES AND THEN WRAPPING AROUND ITSELF FIVE TIMES.

LEVERS - 1 1/2" x 2" x 12" [37.5 x 50 x 300] MINIMUM SIZE. LEAVE IN PLACE AFTER TWISTING

[2400]

FENCE PANEL

DRIVE 12" x 3/8" [300 x 9.5] DIA. SPIKE THROUGH POST AND

4" [100] INTO BRACE POST.

[1050]

① SEE THE SPECIFICATIONS FOR POST AND WIRE REQUIREMENTS.

BRACE WIRES AND LEVERS IN ACCORDANCE WITH NOTES

4'-8" [1420]

4

INSTALL A 20" x 3/8" [500 x 9.5] ROD IN THE MIDDLE POST PRIOR TO SETTING THE BRACES. PIN THE BRACES IN PLACE FROM THE OUTSIDE.

CAP OR PLUG AS APPROVED BY PROJECT MANAGER -LOCATION BRACE BANDS [80-100]

10'-0" [3050]

[1650]

DOUBLE STEEL PANEL

DETAIL "C"

4'-8" [1420]

4

STEEL POST DOUBLE PANEL BRACING

(3) 13001 → - SEE DETAIL METAL SEE DETAIL LINE POST 10'-0" [3050] [1650]

6'-0" [1850]

SINGLE STEEL PANEL

CAP OR PLUG AS APPROVED BY PROJECT MANAGER -BRACE BANDS LOCATION [80-100] FLATTEN APPROXIMATELY 1 1/2" OF BOTH ENDS OF THE BRACE RAILS AND DRILL/PUNCH A HOLE IN THE FLATTENED PART FOR THE

> DETAIL "D" STEEL POST SINGLE PANEL BRACING

② LINE POST SPACING IS 16'-6" [5000] CENTER TO CENTER. LINE POST SPACING FROM BRACE OR PANEL POST IS 16'-6" [5000] CENTER TO

LEVERS

SEE DTL. DWG. NO. 607-00, 607-10 AND 607-15 FOR ADDITIONAL FENCING 3 DETAILS.

4 2 1/2" [65] DIA. NOMINAL STEEL PIPE-SCHEDULE 40 OR BETTER

(5) 1 1/2" [40] DIA. NOMINAL STEEL PIPE-SCHEDULE 40 OR BETTER

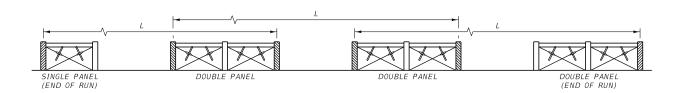
- 3/8" X 1 1/2" [10 X 37.5] GALV. CARRIAGE BOLT AND FLANGE NUT

BRACE BAND DETAIL FOR STEEL PANELS (SEE SUBSECTION 712.01.5.)

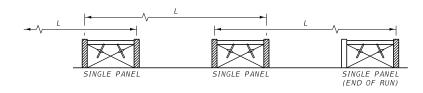
DETAILED DRAWING REFERENCE DWG. NO. STANDARD SPEC. SECTION 607 607-05

FENCE DETAILS

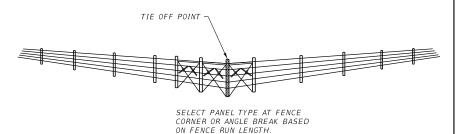




FENCE TYPE	RUN = L	PANELS REQUIRED
	LESS THAN 33'	NONE
COMBINATION	33' - 330'	SINGLE
WOVEN/BARBED	OVER 330' TO 660' MAX.	DOUBLE
BARBED	LESS THAN 66'	NONE
	66'-660'	SINGLE
	OVER 660' TO 990' MAX.	DOUBLE



FENCE	RUN = L	PANELS
TYPE	(m)	REQUIRED
	LESS THAN 10	NONE
COMBINATION	10 - 100	SINGLE
WOVEN/BARBED	OVER 100 TO	DOUBLE
	200 MAX.	500522
BARBED	LESS THAN 20	NONE
	20 - 200	SINGLE
	OVER 200	DOUBLE
	TO 300 MAX.	DOUBLE



<u>FENCE PANEL TYPES</u>

- ① LIMIT RUN LENGTHS IN POOR SOIL CONDITIONS TO REDUCE RESULTING TENSION AT CORNER OR ANGLE BREAK PANELS.
- (2) TIE OFF ON ALL CROSS HATCHED OR SHADED POSTS.

NOTES

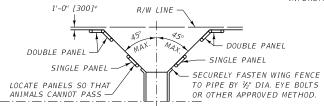
- ① ATTACH BARBED WIRES TO POSTS BY WRAPPING AROUND THE POST AT LEAST TWO TIMES,THEN WRAPPING AROUND ITSELF FIVE TIMES.
- ② TO ATTACH WOVEN WIRE TO AN END POST, REMOVE TWO OR THREE VERTICAL STAY WIRES FROM THE END OF THE FENCE. PLACE THE FIRST COMPLETE VERTICAL STAY WIRE AGAINST THE POST. START AT THE MIDDLE OF THE HORIZONTAL LINE WIRES, WRAPPING AROUND THE END POST AT LEAST TWO TIMES AND THEN WRAPPING AROUND ITSELF FIVE TIMES.
- ③ PLACE ALL FENCE WIRE ON PASTURE SIDE OF POST, EXCEPT ON CURVES. THEN, PLACE THE WIRE ON THE OUTSIDE OF THE CURVE.
- ② IN AREAS SUBJECT TO HIGH VELOCITY WINDS AND MOVING DEBRIS, WIRES MAY BE PLACED ON WINDWARD SIDE OF POSTS, EXCEPT ON CURVES.
- 5 POST SPACING IS GENERALLY MEASURED PARALLEL TO GROUND.
- PLACE WIRE STAYS PER DTL. DWG. NO. 607-00 HALFWAY BETWEEN POSTS.
 DO NOT PLACE STAYS ON PANELS.
- WOOD FENCE HAS ONE METAL POST IN PLACE OF A WOODEN LINE POST IN EACH 500' [150 m] RUN FOR LIGHTNING PROTECTION.

UNITS SHOWN IN BRACKETS [] ARE METRIC AND ARE IN MILLIMETERS (mm) UNLESS OTHER UNITS ARE SHOWN. DETAILED DRAWING

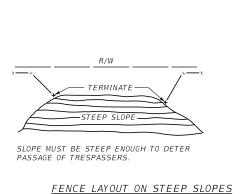
REFERENCE STANDARD SPEC. SECTION 607 DWG. NO. 607-10

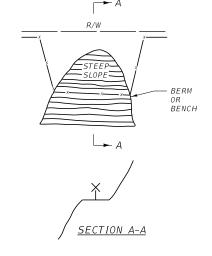
FENCE DETAILS

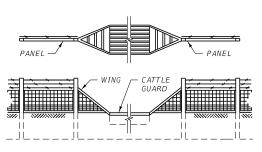




FENCE LAYOUT AT STOCKPASS, BRIDGES AND LARGE PIPES

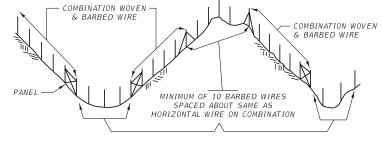






FENCE CONNECTION TO CATTLE GUARD

- ① PLACE SINGLE OR DOUBLE PANELS AT EACH
- ② SECURELY FASTEN FENCE WIRE TO THE WINGS AND ARRANGE SO THAT ANIMALS CANNOT PASS.



1'-0" [300]

R/W WIDTH

(VARIABLE)

R/W LINE

R/W FENCE

Q SURVEY

DOUBLE

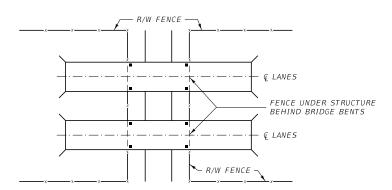
FENCE LAYOUT AT

CHANGE IN R/W WIDTH ON INTERSTATE

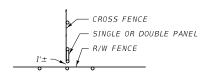
L _{1'-0" [300]}

R/W LINE

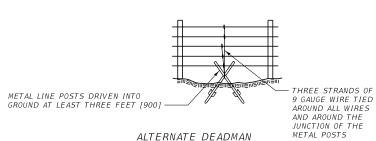
FENCE LAYOUT ON SHARP VERTICAL CURVES TO AVOID TRYING TO CONFORM WOVEN WIRE TO UNEVEN TERRAIN



FENCE LAYOUT AT LOCAL ROAD UNDER INTERSTATE



FENCE LAYOUT AT CROSS-FENCE CONNECTION



<u>ALTERNATE DEADM</u>AN

WHEN APPROVED BY THE PROJECT MANAGER THE ABOVE DEADMAN MAY BE USED.

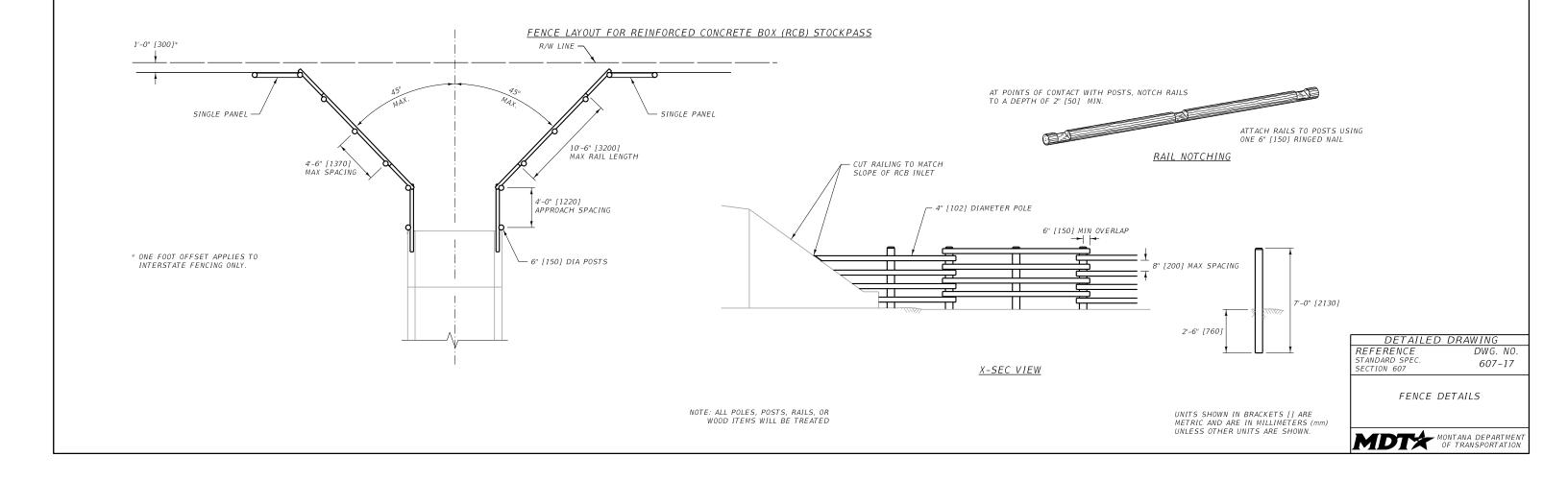
A DEADMAN MAY BE A PRECAST CONCRETE BLOCK, A CAST IN A DEADMAN MAIR BE A FRECAST CONCRETE BLOCK, A CAST IN PLACE CONCRETE BLOCK, A ROCK OR OTHER APPROVED OBJECT WEIGHING AT LEAST 150 LB. BURY THE DEADMAN IN THE GROUND WITH AT LEAST 2'-0" OF COVER. ATTACH THE DEADMAN TO THE FENCE WITH 3 STRANDS OF 9 GAUGE WIRE OR 6 STRANDS OF 12 1/2 GAUGE WIRE.

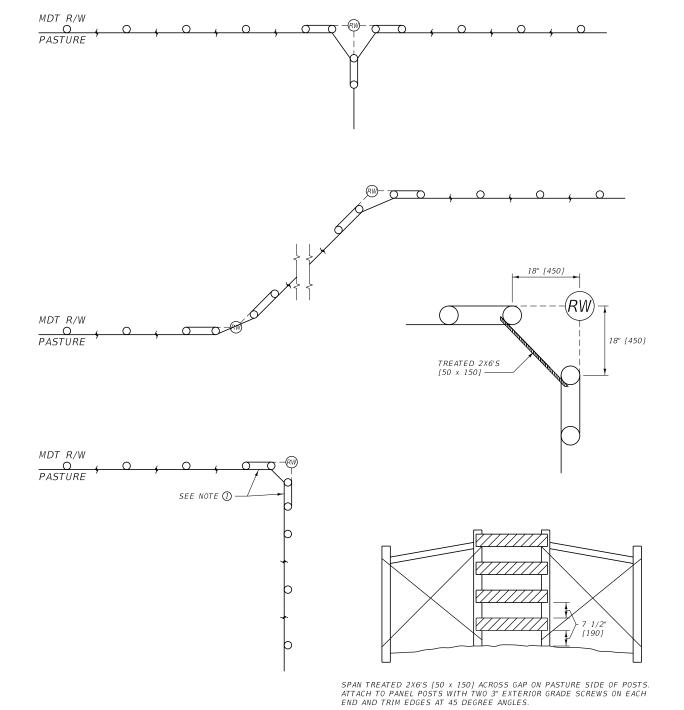
DETAILED DRAWING REFERENCE DWG. NO. STANDARD SPEC SECTION 607 607-15

FENCE DETAILS



UPSLOPE FENCE LAYOUT AT CORRUGATED STEEL PIPE (CSP) STOCKPASS 1'-0" [300]* R/W LINE — SINGLE PANEL SINGLE PANEL - 4" [102] DIAMETER POLE 10'-6" [3200] MAX RAIL LENGTH 6" [150] MIN OVERLAP → | ← 4'-6" [1370] MAX SPACING [200] MAX SPACING 7'-0" [2130] 6" [150] DIA POSTS 2'-6" [760] * ONE FOOT OFFSET APPLIES TO INTERSTATE FENCING ONLY. - ADJUST LENGTH TO REACH ABOVE INLET ON INSLOPE X-SEC VIEW AT POINTS OF CONTACT WITH POSTS, NOTCH RAILS TO A DEPTH OF 2" [50] MIN. ATTACH RAILS TO POSTS USING ONE 6" [150] RINGED NAIL NOTE: ALL POLES, POSTS, RAILS, OR WOOD ITEMS WILL BE TREATED RAIL NOTCHING





NOTES:

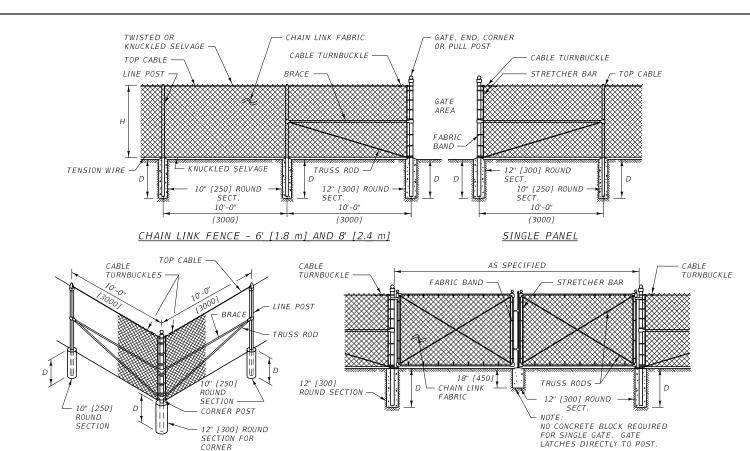
- ① INSTALL PANELS ACCORDING TO DETAIL DRAWING 607-05.
- ② INSTALL NON-INTERSTATE FENCE ON THE RIGHT-OF-WAY LINE AS SHOWN.
- 3 OFFSET PANEL POSTS 18" [450mm] FROM STAKED R/W BREAKS AND R/W MONUMENTS AS SHOWN IN DETAIL.
- 4 DO NOT DISTURB SURVEY MONUMENTS.
- $\begin{tabular}{ll} \begin{tabular}{ll} \beg$

DETAILED DRAWING

REFERENCE STANDARD SPEC. SECTION 607 DWG. NO. 607-20

FENCING AT RIGHT OF WAY BREAKS





<u>GATES</u> DOUBLE PANEL PULL POST AND CORNER POST BRACING - STRETCHER BAR END PULL POST ANCHOR LINE - CABLE TURNBUCKLES POST POST CABLE TURNBUCKLE FABRIC BAND STRETCHER CHAIN LINK BAR FABRIC SELVAGE POST TENSION - TURNBUCKLE TURNBUCKLE KNUCKLED IRON STRAP IRON SELVAGE FABRIC BAND 12" [300] ROUND 1 12" [300] ROUND SECT. SECT 10" [250] ROUND SECT 10'-0" 10'-0' 10'-0" (TYP. WHEN POSTS [3000] [3000] [3000]

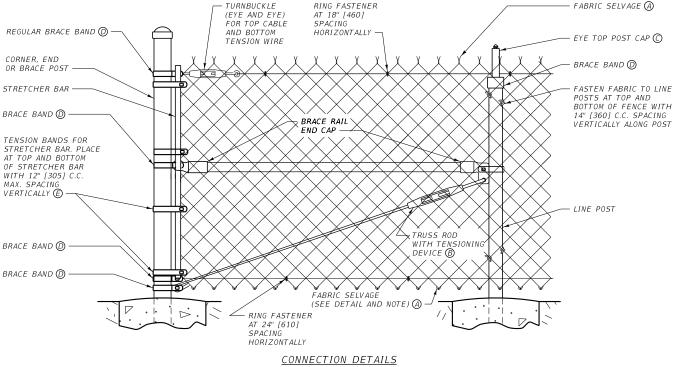
CHAIN LINK FENCE - 3' [0.9 m], 4' [1.2 m] AND 5' [1.5 m]

NOTES:

- ① DO NOT INSTALL DOUBLE PANELS MORE THAN 300' [90 m] APART ON TANGENTS OR MORE THAN 250' [75 m] APART ON ANY CURVE. FOR CURVES WITH RADII SHARPER THAN 1150' [350 m], INSTALL A DOUBLE PANEL ON EACH CURVE END, PLUS ONE ADDITIONAL PANEL FOR EACH 10° OF DEFLECTION, EVENLY SPACED, BETWEEN THE CURVE ENDS.
- 2) PULL POST BRACING ON 6' [1.8 m] AND 8' [2.4 m] FENCE IS THE SAME AS CORNER BRACING.
- ③ A DROP BAR LOCKING DEVICE IS REQUIRED FOR ALL DOUBLE GATE INSTALLATIONS. THE DROP BAR MUST BE ABLE TO BE INSERTED INTO THE CONCRETE BLOCK AT LEAST SIX INCHES [150].

HEIGHT OF FABRIC, H	WIRE FABRIC ABOVE GROUND	DEPTH OF CONCRETE, D	DEPTH OF POST IN CONC. (MIN.)
8' [2440]	1"-2" [25-50]	42" [1050]	38" [950]
6' [1830]	1"-2" [25-50]	36" [900]	32" [800]
5' [1525]	1"-2" [25-50]	36" [900]	32" [800]
4' [1220]	1"-2" [25-50]	30" [750]	26" [650]
3' [915]	1"-2" [25-50]	30" [750]	26" [650]

- 4 ALL CONCRETE IS LEAN OR BETTER.
- (5) INSTALL A 3/8" [10] DIAMETER GALVANIZED STEEL TOP CABLE ALONG ALL FENCE. TERMINATE TOP CABLE WITH GALVANIZED CABLE TURNBUCKLES FASTENED VIA THE FABRIC BAND AT THE POST.



GENERAL NOTES

PROVIDE CHAIN LINK FENCE MATERIALS PER SECTION 712.

(A) <u>FABRIC SELVAGE</u>: FENCE HEIGHT UNDER 6' [1.8 m]: TOP AND BOTTOM KNUCKLED SELVAGE.

FENCE HEIGHT 6' [1.8 m] AND OVER: TOP - TWISTED OR KNUCKLED SELVAGE BOTTOM - KNUCKLED SELVAGE



® TRUSS RODS: SEE SECTION 712.01.4

INDUSTRIAL TRUSS TIGHTENER TURNBUCKLE

© POST CAPS: PROVIDE EYE-TOP CAPS FOR ALL POSTS CARRYING A TOP CABLE THROUGH THE POST. PROVIDE ROUNDED TOPS FOR ALL OTHER ROUND POSTS. FIT POST CAPS TIGHTLY TO PREVENT REMOVAL.

DBRACE BANDS: SEE SECTION 712.01.5.





BRACE BAND DETAIL

E TENSION BANDS: SEE SECTION 712.01.5







TENSION BAND DETAIL

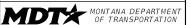
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> DETAILED DRAWING DWG. NO.

REFERENCE STANDARD SPEC SECTION 607

607-25

CHAIN LINK FENCE



1" [25.4] → PANEL LENGTH = 16'-0" [4876.8] 2'-3" [685.8] 2'-3" [685.8] 5'-9" [1752.6] 5'-9" [1752.6] [685.8] - (6) SLOPE BRACE FASTENING (WHEN 6" [152.4] (TYP.) -REQUIRED) 6" [152.4] (TYP.) — BRACE (E) SLAT (TYPICAL) **→** ② SLAT FASTENING (TYP.) SLOPE BRACE F 3 BRACE (WHEN REQUIRED) FASTENING (TYPICAL) () ANCHOR SYSTEM #1 (SEE DTL. DWG. NO. 607-40 FOR DETAILS)

FRONT VIEW

<u>GENERAL NOTES</u>

- ① ANCHOR SYSTEM DETAIL
 USE ANCHOR SYSTEM #1 UNLESS SOIL AND MOISTURE CONDITIONS NECESSITATE THE USE
 OF AN ALTERNATE SYSTEM, OR AS DIRECTED BY THE PROJECT MANAGER. CONSULT DETAILED
 DRAWING NUMBERS 607-40 AND 607-45 FOR ANCHOR SYSTEMS #3 (ROCKY CONDITIONS)
- ② SLAT FASTENING FASTEN SLATS TO THE FRAME WITH 3 ~ 12d COMMON BARBED SHANK NAILS AT EACH LOCATION.
- ③ BRACE FASTENING FASTEN BRACES TO THE FRAME WITH 4 ~ 8d COMMON NAILS AT EACH LOCATION AND CLINCH.
- 4 FRAME TO SILL AND FRAME TO FRAME FASTENING
 FASTEN THE SILL AND FRAME MEMBERS TO THE FRAME AT EACH LOCATION WITH 2 ~
 5/8 " DIA. x 5" [M16 x 127] STANDARD MACHINE BOLTS, EACH WITH HEX NUT AND TWO FLAT
 WASHERS. SEE NOTE® AT RIGHT.
- (5) WIRE TIE USE 12 GAUGE OR HEAVIER GALVANIZED WIRE TO FORM THE WIRE TIES.
- 6 SLOPE BRACE FASTENING FASTEN SLOPE BRACES WITH 3 \sim 16d COMMON BARBED SHANK NAILS AT EACH LOCATION.

	BILL 0	F MATERIALS FOR ONE PANEL	
ITEM NO.	NO. OF PIECES	LUMBER SIZE	DESCRIPTION
A *	3	2" x 6" x 8'-0" [50 x 150 x 2438.4]	FRAME (SILL)
B *	3	2" x 6" x 7'-6" [50 x 150 x 2286.0]	FRAME
©*	3	2" x 6" x 8'-6" [50 x 150 x 2590.8]	FRAME
* NOTE: PRE (ENTIRE FRA		ALL 2" x 6" [50 x 150] MEMBER	!5
(D)	1	1" x 6" x 16'-0" [25 x 150 x 4876.8]	BRACE
Ē	8	1" x 6" x 16'-0" [25 x 150 x 4876.8]	SLAT
F)**	2	2" x 6" x 10'-0" [50 x 150 x 3048.0]	SLOPE BRACE

	5, 1 (15	100, 01.11 110220 (1111)
1 1/2" [38.1] — 127° 30' 1 1/2" [38.1] — 3/4" [19.05] DIA. HOLES (TYP.)	3/4" [19.05] 3/4" [19.05] 1 1/2" 0 0 0 1 1/2" [393.7]	(38.1) — 1" (25.4) 5'-5" [1651] 1'-3 1/2" [393.7]
® FRAME	AME TO FRAME TENING STENING PREVAILING WIND S1LL FASTENING	A SILL 1 1/2" [38.1] 1 1/2" [38.1] 1 1/2" [38.1] 8 -6" [2590.8] 3/4" [19.05] DIA. HOLES (TYP.) 1" [25.4] 1" [25.4] 3/4" [19.05] 3/4" [19.05]
① ANCHOR SYSTEM #1 (SEE DTL. DWG. NO. 607-40 FOR DETAILS)	="1111111111111111111111111111111111111	© FRAME

3/4" [19.05] DIA. HOLES (TYP.)

END VIEW

ANEL
PTION
BOLT UT (X) NOTE:
AFTER 5/8" DIA. [M16] BOLTS HAVE BEEN TIGHTENED, BURR
THE THREAD DIRECTLY BEHIND THE NUT TO PREVENT EVENTUA TO PROVE THE NUT TO PREVENT EVENTUA TO PROVE THE NUT TO PREVENT EVENTUA TO PROVE THE NUT TO PREVENT EVENTUAL THE NUT TO PREVENT EVENTUAL TO PROVE THE NUT TO PREVENT EVENT EVE
LOOSENING OF THE NUTS.
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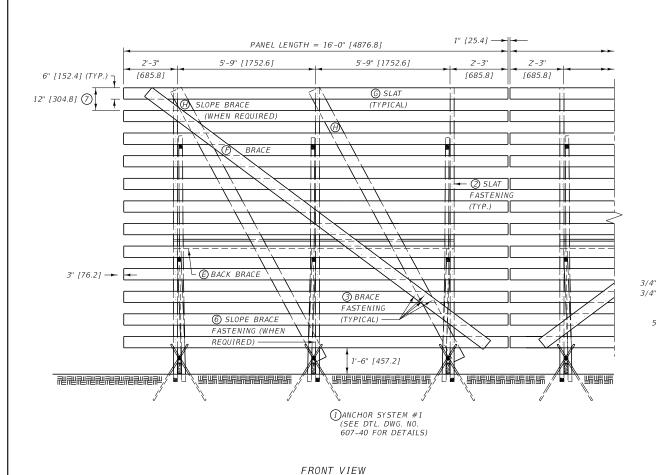
ALL NAILS MAY BE EITHER HAND DRIVEN OR DRIVEN WITH A PNEUMATIC NAILER.

UNITS SHOWN IN BRACKETS [] ARE METRIC AND ARE IN MILLIMETERS (mm) UNLESS OTHER UNITS ARE SHOWN.

DETAILED DRAWING REFERENCE DWG. NO. STANDARD SPEC. SECTION 607 607-30

8' [2.4 m] WOOD SNOW FENCE W/ ANCHOR SYSTEM #1





1 1/2" [38.1] 1 1/2" [38.1] 3/4" [19.05] — → 1 1/2" [38.1] →| 1" [25.4] 1 1/2" [38.1] 1" [25.4] 3/4" [19.05] ¬ 1 1/2" [38.1] — 4'-11" [1498.6] 5'-0" [1524] [330.2] 12'-0" [3657.6] [304.8] (A)SILL 3/4" [19.05] DIA. HOLES (TYP.) 1 1/2" [38.1] 1 1/2" [38.1] 3/4" [19.05] DIA. 3/4" [19.05] DIA. 1 1/2" [38.1] — HOLES (TYP.) 1 1/2" [38.1] — 4 1 1/2" [38.1] 1 1/2" [38.1] 1 1/2" [38.1] 4'-11" 1 1/2" [38.1] PREVAILING 3/4" [19.05] -WIND 3/4" [19.05] -3/4" [19.05] 3/4" [19.05] -1 1/2" [38.1] — 5 3/8" [136.525] -(E) BRACE 1 1/2" [38.1] -5 3/16" [131.763] — (6) BACK BRACE FASTENING (TYPICAL) \bigcirc FRAME (B) FRAME \5'-0" [1524] 1" [25.4] -NOTE:
PLACEMENT OF REBAR ANCHORS
TIGHT AGAINST SNOW FENCE
MEMBERS (A) (C) & (D) IS CRITICAL
TO PREVENT OVERTURNING AND 1" [25.4] -6" [152.4] SLIDING. SEE ANCHOR SYSTEM #1 DETAILS, DTL. DWG. NO. 607-40. 3/4" [19.05] — 4 3/4" [19.05] — (D) FRAME DIG OUT AS REQUIRED FOR ENDS OF MEMBERS® © & © AND
THE ENTIRE LENGTH OF SILL ATO ASSURE FULL BEARING OF SILL

GENERAL NOTES

- O ANCHOR SYSTEM DETAIL
 USE ANCHOR SYSTEM #1 UNLESS SOIL AND MOISTURE CONDITIONS NECESSITATE THE USE OF AN ALTERNATE SYSTEM, OR AS DIRECTED BY THE PROJECT MANAGER. CONSULT DETAILED DRAWING NUMBERS 607-40 AND 607-45 FOR ANCHOR SYSTEMS #3 (ROCKY CONDITIONS)
- ② SLAT FASTENING FASTEN SLATS TO THE FRAME WITH 3 ~ 12d COMMON BARBED SHANK NAILS AT EACH

- (3) WIRE TIE USE 12 GAUGE OR HEAVIER GALVANIZED WIRE TO FORM THE WIRE TIES.
- BACK & SLOPE BRACE FASTENING 6 BACK & SLOPE BRACE FASIENING FASTEN BACK BRACES TO THE FRAME WITH 2 ~ 16d NAILS, AND FASTEN THE SLOPE BRACES WITH 3 ~ 16d BARBED SHANK NAILS AT EACH LOCATION.
- 12" [304.8] INCREMENT SPACING FROM TOPS OF EACH SLAT (IE. 12" [304.8], 24" [609.6], 36" [914.4]).

LUMBER -	12' [3.6 m]	SNOW FENCE W/ ANCH	OR SYSTEM #1
	BILL OF	MATERIALS FOR ONE PANEL	
ITEM NO.	NO. OF PIECES	LUMBER SIZE	DESCRIPTION
A *	3	2" x 6" x 12'-0" [50 x 150 x 3657.6]	SILL
B *	3	2" x 6" x 7'-0" [50 x 150 x 2133.6]	FRAME
©*	3	2" x 6" x 13'-0" [50 x 150 x 3962.4]	FRAME
D *	3	2" x 6" x 13'-0" [50 x 150 x 3962.4]	FRAME
* NOTE: PRESSUR	RE TREAT ALL 2"	x 6" [50 x 150] MEMBERS (EN	TIRE FRAME)
Ē	1	2" x 4" x 12'-0" [50 x 100 x 3657.6]	BACK BRACE
F	1	1" x 6" x 18'-0" [25 x 150 x 5486.4]	BRACE
©	12	1" x 6" x 16'-0" [25 x 150 x 4876.8]	SLAT
(H)**	2	2" x 6" x 13'-0" [50 x 150 x 3962.4]	SLOPE BRACE
** NOTE: US	SE ONLY WHEN S	LOPE IS 5:1 OR STEEPER	

END VIEW

3/4" [19.05] DIA. HOLES (TYP.)

	HARDWARE	- 12' [3.6 m] SNOW FENCE W/ ANCHOR SYSTEM #1	
		BILL OF MATERIALS FOR ONE PANEL	
	QUANTITY	DESCRIPTION	
4	30	5/8" DIA. x 5" [M16 x 127] HEX BOLT (THREADED FULL LENGTH) AND NUT	NOTE: AFTER 5/8" [MI6] DIA. BOLTS HAVE BEEN TIGHTENED, BURR
4	60	FLAT WASHER FOR 5/8" DIA. [M16] BOLT	THE THREAD DIRECTLY BEHIND THE NUT TO PREVENT EVENTUAL
3	1/2 LB. [0.23 kg]	8d COMMON NAILS	LOOSENING OF THE NUTS.
2	1 2/3 LB. [0.76 kg]	12d COMMON BARBED SHANK NAILS	
6	1/2 LB. [0.23 kg]	16d COMMON BARBED SHANK NAILS	
1	12	#6 REBAR x 5'-0" [#19 x 1524]	
(5)	6 PIECES	12 GAUGE TIE WIRE x 5'-0" [1524.0] ±	

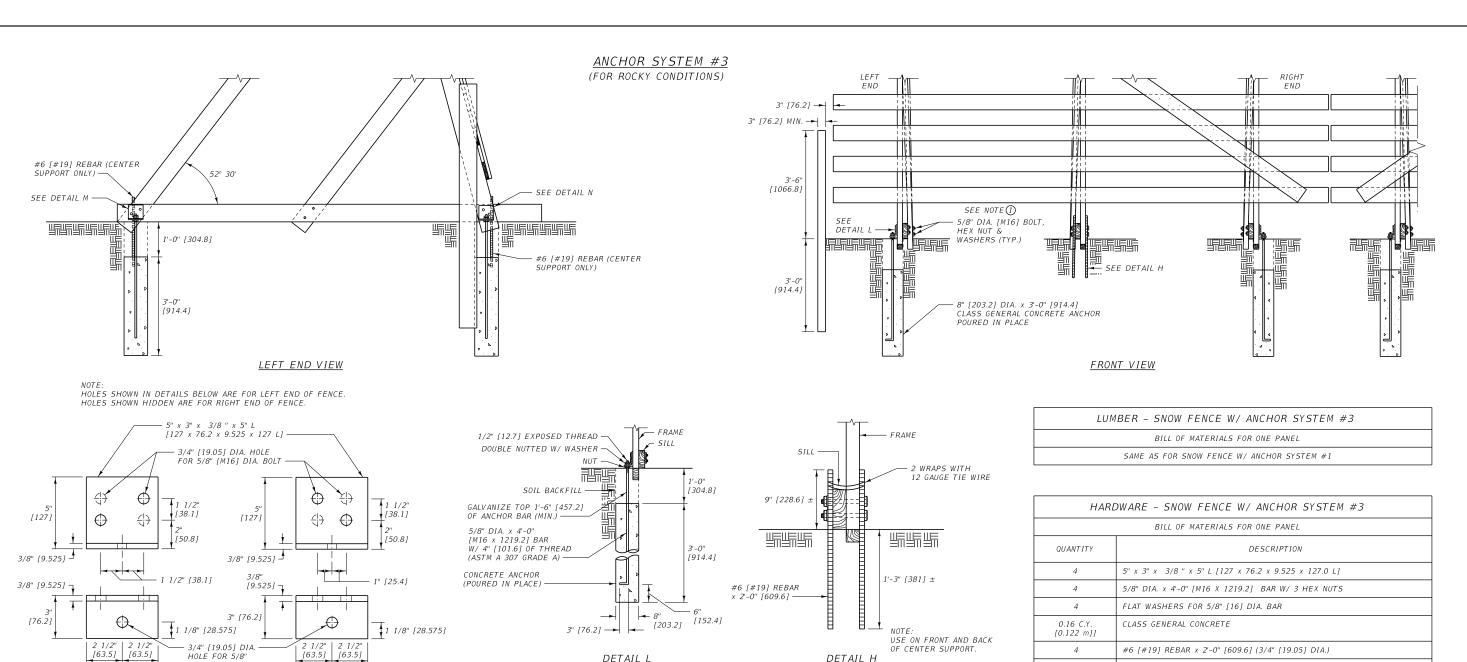
ALL NAILS MAY BE EITHER HAND DRIVEN OR DRIVEN WITH A PNEUMATIC NAILER.

UNITS SHOWN IN BRACKETS [] ARE METRIC AND ARE IN MILLIMETERS (mm) UNLESS OTHER UNITS ARE SHOWN.

DETAILED DRAWING REFERENCE DWG. NO. STANDARD SPEC SECTION 607 607-35

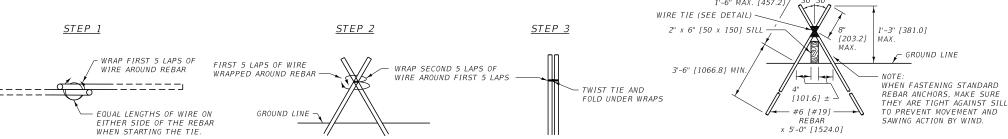
12' [3.6 m] WOOD SNOW FENCE W/ ANCHOR SYSTEM #1







<u>DETAIL L</u>



<u>SIDE</u>

WIRE TIE DETAIL USE 12 GAUGE OR HEAVIER GALVANIZED WIRE TO FORM THE WIRE TIES.

<u>FRONT</u>

5" [127]

DETAIL N

163 51

5" [127]

<u>DETAIL M</u>

<u>TOP</u>

[15.875] DIA. BAR

USE TWO #6 [#19] REINFORCING BARS FOR EACH END OF EACH SILL MEMBER. DRIVE THE BARS UP TIGHT TO THE FRAME TO PREVENT SLIDING. TIE THE REINFORCING BARS AS SHOWN IN THE WIRE TIE DETAIL. THE PLACEMENT OF THE ANCHORS
IS CRITICAL IN PREVENTING OVERTURNING AND SLIDING OF THE FENCE. REFERENCE DETAIL DRAWING 607-35 FOR MORE DETAILS.

<u>DETAIL H</u>

STANDARD ANCHOR DETAIL

HAR	DWARE - SNOW FENCE W/ ANCHOR SYSTEM #3	
	BILL OF MATERIALS FOR ONE PANEL	
QUANTITY	DESCRIPTION	
4	5" x 3" x 3/8 " x 5" L [127 x 76.2 x 9.525 x 127.0 L]	-
4	5/8" DIA. x 4'-0" [M16 X 1219.2] BAR W/ 3 HEX NUTS	
4	FLAT WASHERS FOR 5/8" [16] DIA. BAR	
0.16 C.Y. [0.122 m]]	CLASS GENERAL CONCRETE	
4	#6 [#19] REBAR x 2'-0" [609.6] (3/4" [19.05] DIA.)	
4 PIECES	12 GAUGE TIE WIRE x 2'-0" [609.6] ±	
30	5/8" DIA. x 5" [M16 x 127] HEX BOLT (THREADED FULL LENGTH) AND NUT	SEE NOTE ①BELOW
60	FLAT WASHERS FOR 5/8" [M16] DIA. BOLT	
	GEQUIRED ARE SAME AS SHOWN ON HARDWARE FOR SNOW FENCE W/ ANCHOR SYSTEM #1	

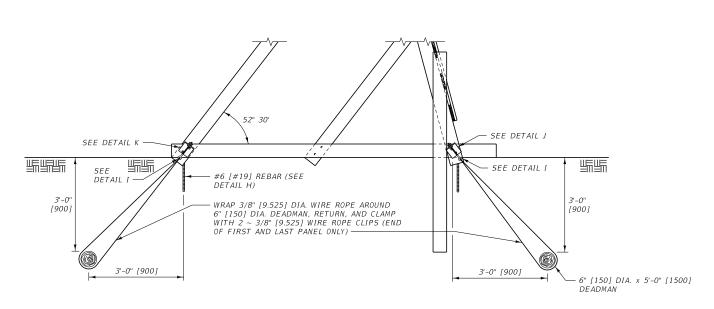
1) AFTER 5/8" [M16] DIA. BOLTS HAVE BEEN TIGHTENED, BURR THE THREAD DIRECTLY BEHIND THE NUT TO PREVENT EVENTUAL LOOSENING OF THE NUTS.

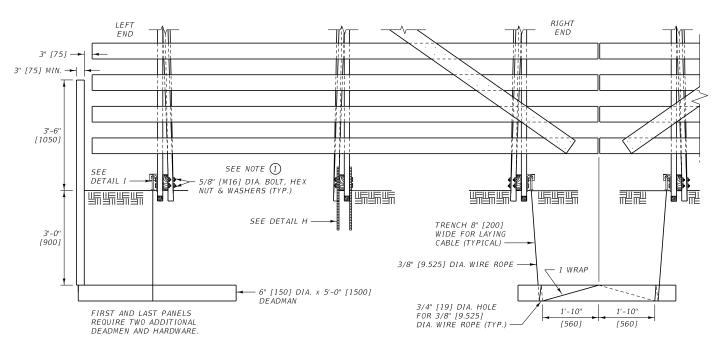
DETAILED DRAWING REFERENCE DWG. NO. STANDARD SPEC SECTION 607 607-40

> WOOD SNOW FENCE ANCHOR SYSTEM #3 AND #1 DETAILS

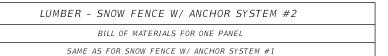


ANCHOR SYSTEM #2 (FOR SWAMPY CONDITIONS)

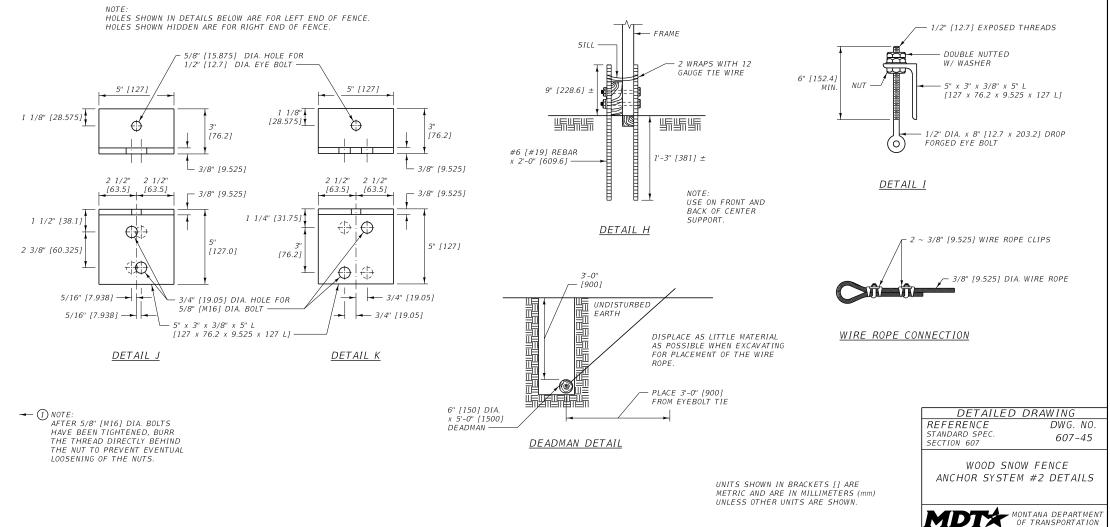


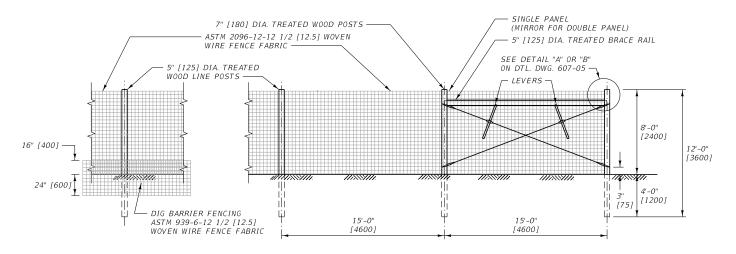


<u>LEFT_END_VIEW</u> FRONT_VIEW



BILL OF MATERIALS FOR ONE 12'[3.6m] PANEL
DESCRIPTION
5" x 3" x 3/8" x 5" L [127 x 76.2 x 9.525 x 127 L]
3/8" [9.525] WIRE CLIPS
1/2" [12.7] DIA. DROP FORGED EYEBOLTS W/ 3 HEX NUTS
FLAT WASHERS FOR 1/2" [12.7] DIA. EYEBOLTS
#6 [#19] REBAR x 2'-0" [609.6] (3/4" [19.05] DIA.)
12 GAUGE TIE WIRE x 2'-0" [609.6]±
3/8" [9.525] DIA. WIRE ROPE
6" [150] DIA. x 5'-0" [1500] POST DEADMEN
5/8" DIA. x 5" [M16 x 127] HEX BOLT (THREADED FULL LENGTH) AND NUT
FLAT WASHERS FOR 5/8" [M16] BOLT

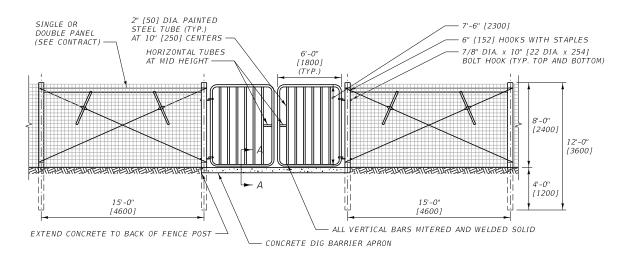


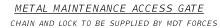


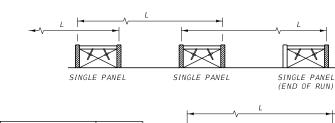
WILDLIFE FENCE W/ DIG BARRIER

PANELS NOT SHOWN





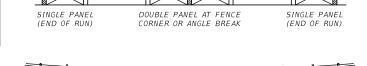




FENCE TYPE	RUN = L	PANELS REQUIRED
WILDLIFE	LESS THAN 30' [9.2 m]	NONE
	30'-330' [9.2 m - 101.2 m]	SINGLE

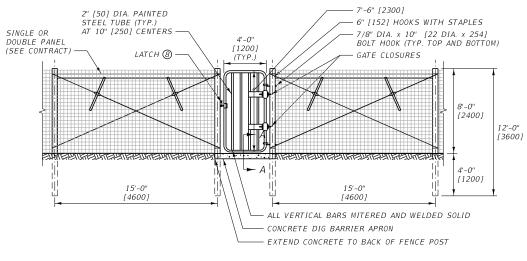
NOTE:

TIE OFF ON ALL CROSS HATCHED OR SHADED POSTS.

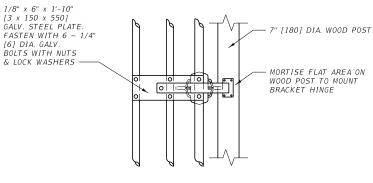


FENCE PANEL TYPES

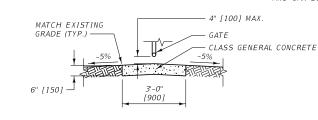
127



METAL EQUINE GATE



TIE BAR MOUNTING DETAIL
FOR GATE CLOSERS



XX

<u>SECTION A-A</u> CENTER CONCRETE DIG BARRIER APRON UNDER CLOSED GATE

NOTES:

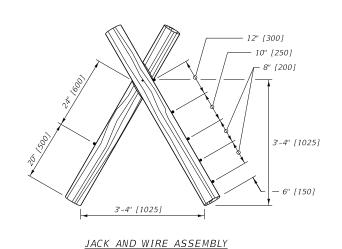
- ① PLACE ALL FENCE WIRE ON PASTURE SIDE OF POST, EXCEPT ON CURVES. THEN, PLACE THE WIRE ON THE OUTSIDE OF THE CURVE.
- ② POST SPACING IS GENERALLY MEASURED PARALLEL TO GROUND.
- (3) LINE POST SPACING IS 15'-0" [4600] CENTER TO CENTER. LINE POST SPACING FROM BRACE OR PANEL POST IS 15'-0" [4600] CENTER TO CENTER
- (4) TO ATTACH WOVEN WIRE TO AN END POST, REMOVE TWO OR THREE VERTICAL STAY WIRES FROM THE END OF THE FENCE. PLACE THE FIRST COMPLETE VERTICAL STAY WIRE AGAINST THE POST. START AT THE MIDDLE OF THE HORIZONTAL LINE WIRES, WRAPPING AROUND THE END POST AT LEAST TWO TIMES AND THEN WRAPPING AROUND ITSELF FIVE TIMES.
- (5) A DEADMAN MAY BE A PRECAST CONCRETE BLOCK, A CAST IN PLACE CONCRETE BLOCK, A ROCK OR OTHER APPROVED OBJECT WEIGHING AT LEAST 260 LB. [120 kg] BURY THE DEADMAN IN THE GROUND WITH AT LEAST 2-0" [600] OF COVER. ATTACH THE DEADMAN TO THE FENCE WITH 3 STRANDS OF 9 GAUGE WIRE OR 6 STRANDS OF 12 1/2 [12.5] GAUGE WIRE. SEE DTL. DWG. NO. 607-10 FOR ALTERNATE DEADMAN.
- (STAPLE THE BOTTOM, TOP, CENTER AND ALTERNATE WIRES OF WOVEN WIRE TO WOOD LINE POSTS.
- STAPLE ALL WIRES OF WOVEN WIRE TO WOOD CORNER POSTS OR POST USED TO TIE-OFF WIRE.
- ® PROVIDE LATCH THAT ALLOWS FOR ONE HANDED OPERATION. RELEASES TO ALLOW GATE TO SWING IN EITHER DIRECTION AND CAN BE LOCKED.

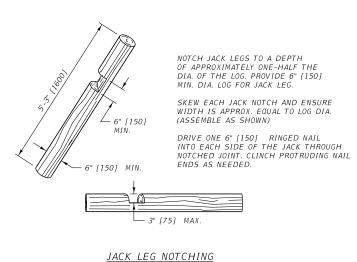
UNITS SHOWN IN BRACKETS [] ARE METRIC AND ARE IN MILLIMETERS (mm) UNLESS OTHER UNITS ARE SHOWN.

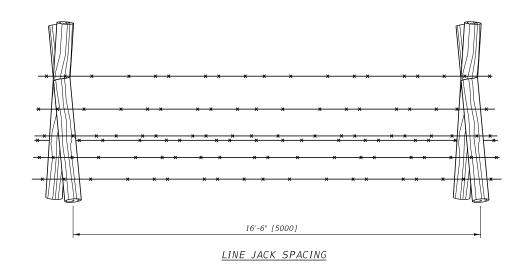
DETAILED DRAWING
REFERENCE DWG. NO.
STANDARD SPEC.
SECTION 607
607-50

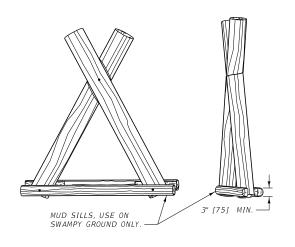
WILDLIFE FENCE

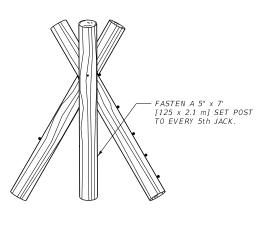


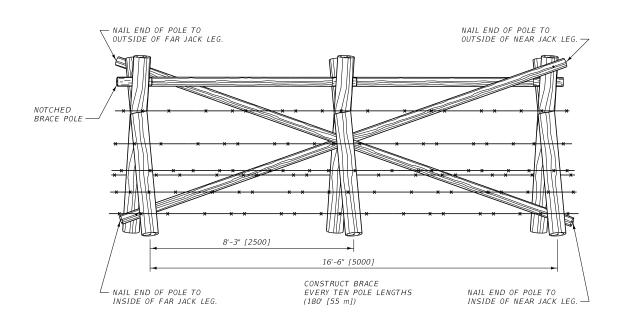








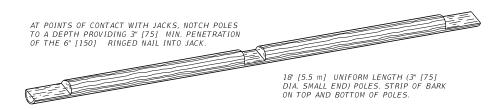




BRACED PANEL

MUD SILL

<u>SET POST BRACE</u>

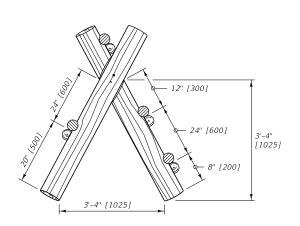


BRACE POLE NOTCHING

NOTE: ALL POLES, POSTS, RAILS, OR WOOD ITEMS WILL BE TREATED. UNITS SHOWN IN BRACKETS [] ARE METRIC AND ARE IN MILLIMETERS (mm) UNLESS OTHER UNITS ARE SHOWN. DETAILED DRAWING
REFERENCE DWG. NO.
STANDARD SPEC.
SECTION 607 607-55

JACKLEG WIRE FENCE



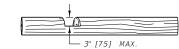


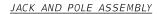


NOTCH JACK LEGS TO A DEPTH OF APPROXIMATELY ONE-HALF THE DIA. OF THE LOG. PROVIDE 6" [150] MIN. DIA. LOG FOR JACK LEG.

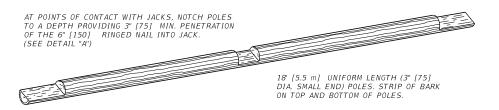
SKEW EACH JACK NOTCH AND ENSURE WIDTH IS APPROX. EQUAL TO LOG DIA. (ASSEMBLE AS SHOWN)

DRIVE ONE 6" [150] RINGED NAIL INTO EACH SIDE OF THE JACK THROUGH NOTCHED JOINT. CLINCH PROTRUDING NAIL ENDS AS NEEDED.

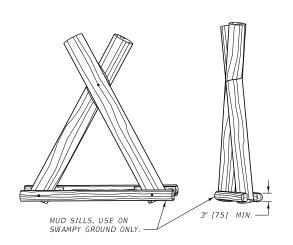




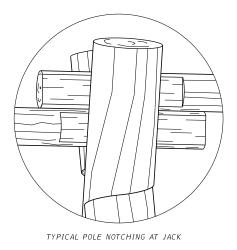
JACK LEG NOTCHING



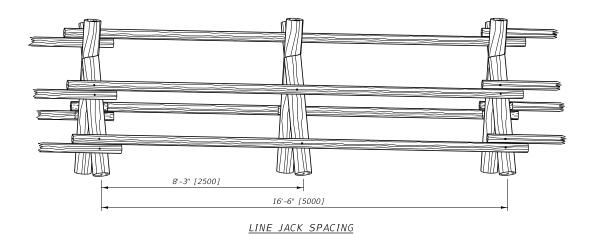
POLE NOTCHING

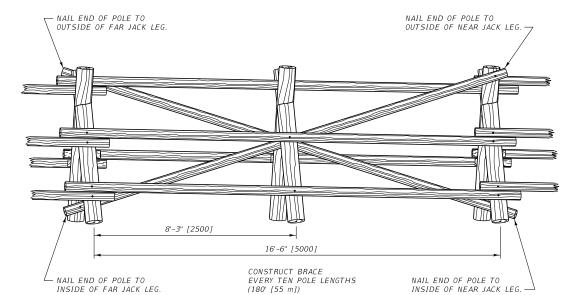


MUD SILL



DETAIL "A"





BRACED PANEL

(180' [55 m])

UNITS SHOWN IN BRACKETS [] ARE METRIC AND ARE IN MILLIMETERS (mm) UNLESS OTHER UNITS ARE SHOWN.

DETAILED DRAWING REFERENCE STANDARD SPEC. SECTION 607 DWG. NO. 607-60

JACKLEG POLE FENCE



NOTE: ALL POLES, POSTS, RAILS, OR WOOD ITEMS WILL BE TREATED.