

WIRE SPACING TABLE							
COMBINATION WOVEN WIRE & BARBED WIRE FENCE				BARBED WIRE FENCE			
48" [1200] FENCE HEIGHT		51" [1280] FENCE HEIGHT		48" [1.2 m] FENCE HEIGHT			
32" [813] WW-2 BW *	32" [813] WW-3 BW *	39" [990] WW-2 BW *		3 BW	4 BW	5 BW	6 BW
TYPE F2-32WW [813WW]	TYPE F3-32WW [813WW]	TYPE F2-39WW [990WW]		TYPE F3	TYPE F4	TYPE F5	TYPE F6
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 GAGE)				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 GAGE)			
○ DENOTES STAPLE LOCATIONS							

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

STAYS

- USE WIRE STAYS ON ALL FENCES UNLESS WOOD STAYS ARE SPECIFIED.
- LOCATE STAYS HALFWAY BETWEEN LINE POSTS.
- WIRE STAYS FOR BARBED WIRE FENCING ARE 2" [50] LONGER THAN THE DISTANCE BETWEEN THE TOP AND BOTTOM WIRES.
- FOR WOVEN WIRE FENCING WITH BARBED WIRE ON TOP, EXTEND WIRE STAYS 6" [150] MINIMUM BELOW THE TOP OF THE WOVEN WIRE.
- 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 GAGE STAPLES. WOOD STAYS DO NOT NEED TO BE TREATED.

NOTES:

- "M" DENOTES METAL POSTS, IE. TYPE F3M.
"W" DENOTES WOOD POSTS, IE. TYPE F4W.
- SEE DTL. DWG. NO. 607-05 FOR SINGLE AND DOUBLE PANEL DETAILS.
SEE DTL. DWG. NO. 607-10 AND 607-15 FOR ADDITIONAL FENCING DETAILS.

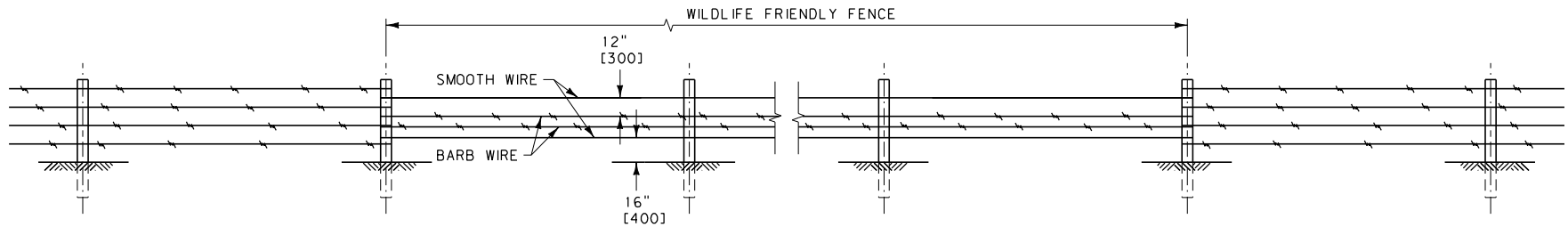
UNITS SHOWN IN BRACKETS [] ARE METRIC AND ARE IN MILLIMETERS (mm) UNLESS OTHER UNITS ARE SHOWN.

DETAILED DRAWING

REFERENCE DWG. NO.
STANDARD SPEC. 607-00
SECTION 607

FARM FENCE

--REVISED-- EFFECTIVE: FEBRUARY 2005
MAY 2011
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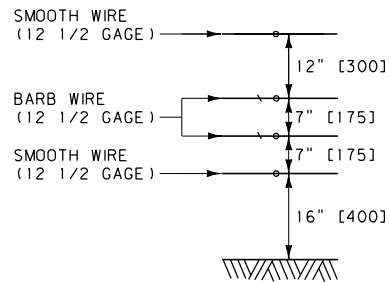
WIRE SPACING TABLE

WILDLIFE-FRIENDLY FARM FENCE TYPE 1

42" [1050] FENCE HEIGHT

WF-2 BW/2 SW-16" [400]

TYPE WF4-SBBS-16 [400]



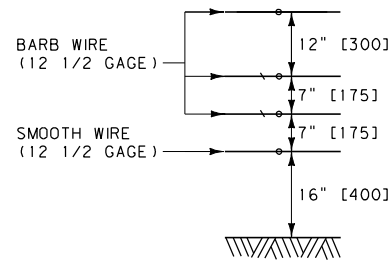
WIRE SPACING TABLE

WILDLIFE-FRIENDLY FARM FENCE TYPE 2

42" [1050] FENCE HEIGHT

WF-3 BW/1 SW-16" [400]

TYPE WF4-3BS-16 [400]



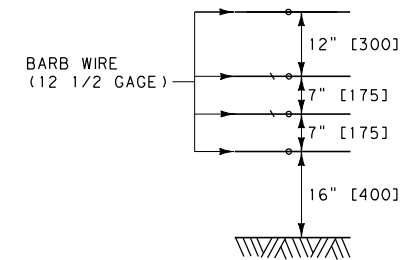
WIRE SPACING TABLE

WILDLIFE-FRIENDLY FARM FENCE TYPE 3

42" [1050] FENCE HEIGHT

WF-4 BW-16" [400]

TYPE WF4-4B-16 [400]



STAYS

- ① USE WIRE STAYS ON ALL FENCES UNLESS WOOD STAYS ARE SPECIFIED.
- ② LOCATE STAYS HALFWAY BETWEEN LINE POSTS.
- ③ WIRE STAYS ARE 2" [50] LONGER THAN THE DISTANCE BETWEEN THE TOP AND BOTTOM WIRES.

NOTES:

- ① SEE DTL. DWG. NO. 607-05 FOR SINGLE AND DOUBLE PANEL DETAILS.
SEE DTL. DWG. NO. 607-10 AND 607-15 FOR ADDITIONAL FENCING DETAILS.

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METRIC AND ARE IN MILLIMETERS (mm)
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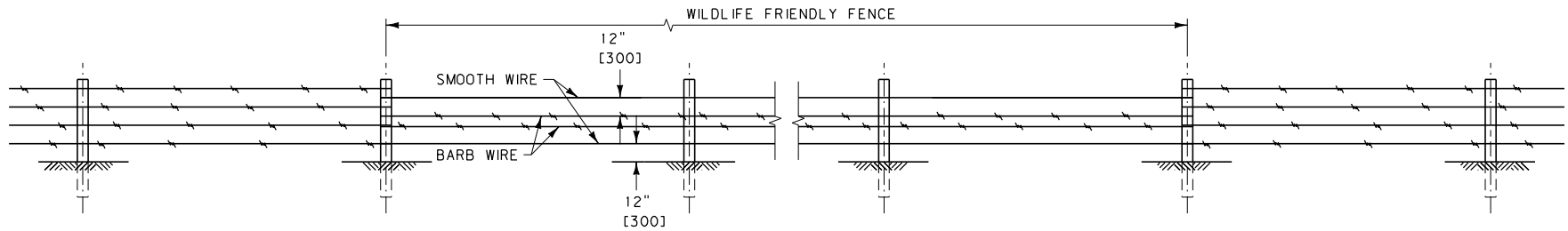
DETAILED DRAWING

REFERENCE DWG. NO.
STANDARD SPEC. 607-01
SECTION 607

WILDLIFE FRIENDLY FENCE
16" [400] BOTTOM
WIRE HEIGHT

EFFECTIVE: MAY 2011

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OF TRANSPORTATION



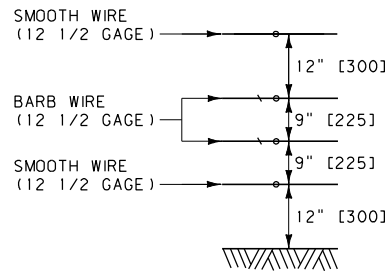
WIRE SPACING TABLE

WILDLIFE-FRIENDLY FARM FENCE TYPE 4

42" [1050] FENCE HEIGHT

WF-2 BW/2 SW-12" [300]

TYPE WF4-SBBS-12 [300]



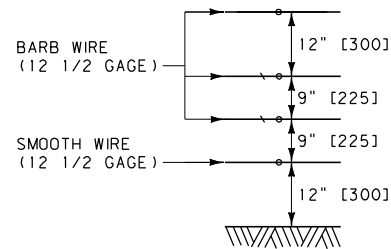
WIRE SPACING TABLE

WILDLIFE-FRIENDLY FARM FENCE TYPE 5

42" [1050] FENCE HEIGHT

WF-3 BW/1 SW-12" [300]

TYPE WF4-3BS-12 [300]



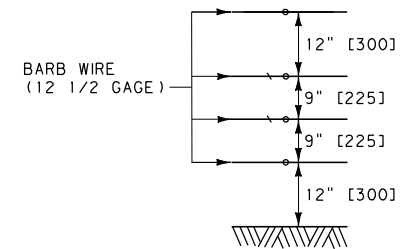
WIRE SPACING TABLE

WILDLIFE-FRIENDLY FARM FENCE TYPE 6

42" [1050] FENCE HEIGHT

WF-4 BW-12" [300]

TYPE WF4-4B-12 [300]



STAYS

- ① USE WIRE STAYS ON ALL FENCES UNLESS WOOD STAYS ARE SPECIFIED.
- ② LOCATE STAYS HALFWAY BETWEEN LINE POSTS.
- ③ WIRE STAYS ARE 2" [50] LONGER THAN THE DISTANCE BETWEEN THE TOP AND BOTTOM WIRES.

NOTES:

- ① SEE DTL. DWG. NO. 607-05 FOR SINGLE AND DOUBLE PANEL DETAILS.
SEE DTL. DWG. NO. 607-10 AND 607-15 FOR ADDITIONAL FENCING DETAILS.

UNITS SHOWN IN BRACKETS [] ARE
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DETAILED DRAWING

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

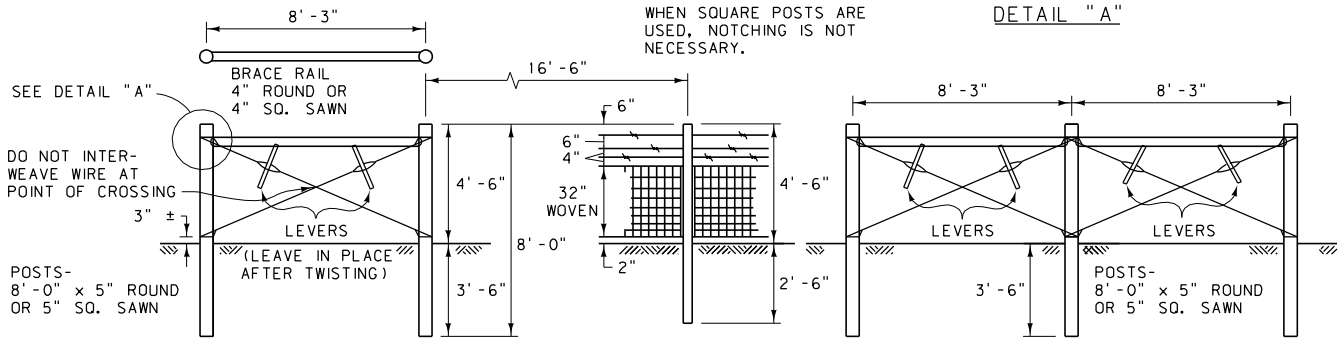
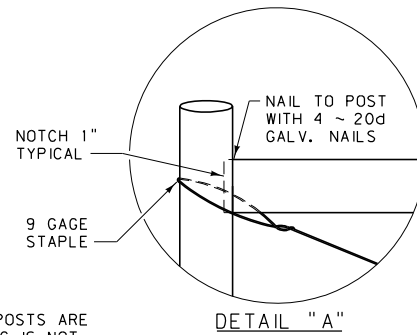
WILDLIFE FRIENDLY FENCE
12" [300] BOTTOM
WIRE HEIGHT

EFFECTIVE: MAY 2011

MDT MONTANA DEPARTMENT
OF TRANSPORTATION

BRACE WIRES - ONE CONTINUOUS 9 OR 12½ GAGE SMOOTH WIRE DOUBLED TO FORM A FOUR WIRE BRACE. TIE THE TWO ENDS NEAR THE TOP OF THE PANEL POSTS.

LEVERS - 1½" x 2" x 12" MINIMUM SIZE.



SINGLE PANEL

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

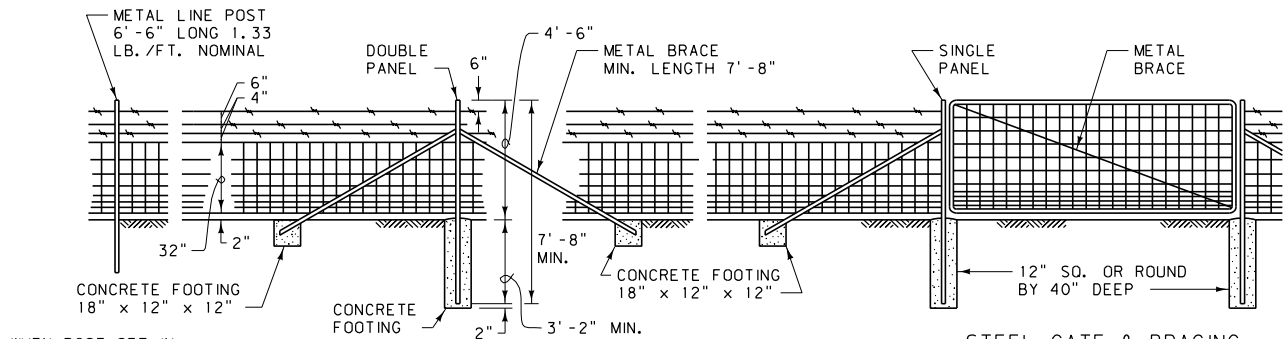
LINE POST

7'-0" x 4" MIN. ROUND OR 4" x 4" SQ. SAWN

DOUBLE PANEL

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

TYPE "CW" - "STRAIGHT RUN" FENCE WITH WOOD POSTS



STEEL GATE & BRACING

TYPE "CM" - FENCE WITH STEEL POSTS

NOTES:

SEE THE STANDARD SPECIFICATIONS FOR POST AND GATE REQUIREMENTS.

PLACE ALL FENCE WIRE ON PASTURE SIDE OF POST, EXCEPT ON CURVES. THEN, PLACE THE WIRE ON THE OUTSIDE OF THE CURVE.

IN AREAS SUBJECT TO HIGH VELOCITY WINDS AND MOVING DEBRIS, WIRES MAY BE PLACED ON WINDWARD SIDE OF POSTS, EXCEPT ON CURVES.

ALL CONCRETE IS CLASS "F" OR BETTER.

POST SPACING IS GENERALLY MEASURED PARALLEL TO GROUND.

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

PLACE 24" WIRE STAY HALFWAY BETWEEN POSTS. DO NOT PLACE STAYS ON PANELS FOR "CM" AND "CW" FENCE.

TYPE "CW" FENCE HAS ONE METAL POST IN PLACE OF A WOODEN LINE POST IN EACH 500' RUN FOR LIGHTNING PROTECTION.

USE TYPE "CW" (WOOD) PANELS ON ALL TYPE "CM" (METAL) FENCES INSTEAD OF STEEL PANELS UNLESS OTHERWISE SPECIFIED.

SET STEEL CORNER, END, GATE AND PULL POSTS, AND EACH BRACE IN CONCRETE AS SHOWN.


SEE DTL. DWG. NO. 607-10 FOR ADDITIONAL FENCING DETAILS.

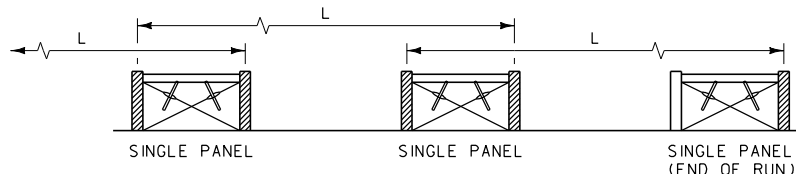
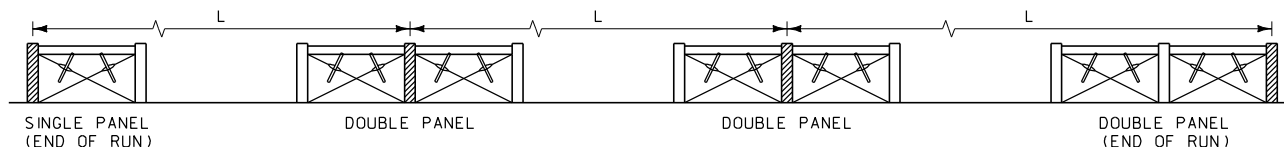
A DEADMAN MAY BE A PRECAST CONCRETE BLOCK, A CAST IN PLACE CONCRETE BLOCK, A ROCK OR OTHER APPROVED OBJECT WEIGHING AT LEAST 150 LB. BURY THE DEADMAN IN THE GROUND WITH AT LEAST 2'-0" OF COVER. ATTACH THE DEADMAN TO THE FENCE WITH 3 STRANDS OF 9 GAGE WIRE OR 6 STRANDS OF 12½ GAGE WIRE. SEE DETAILED DRAWING NO. 607-10 FOR ALTERNATE DEADMAN.

STAPLE THE BOTTOM, TOP, CENTER AND ALTERNATE WIRES OF WOVEN WIRE TO WOOD LINE POSTS.

TIE THE BOTTOM, TOP, CENTER AND ALTERNATE WIRES OF WOVEN WIRE TO STEEL LINE POSTS.

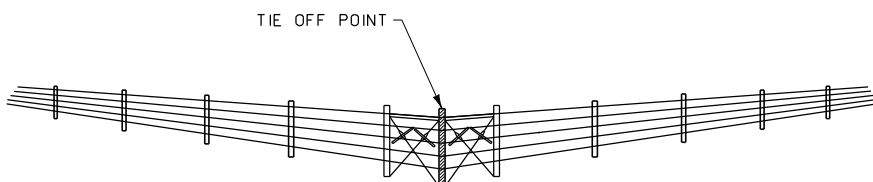
STAPLE ALL WIRES OF WOVEN WIRE TO WOOD CORNER POSTS OR POST USED TO TIE-OFF WIRE.

DETAILED DRAWING	
REFERENCE STANDARD SPEC. SECTION 607	DWG. NO. 607-05
INTERSTATE FENCE	
EFFECTIVE: FEBRUARY 2005	
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FENCE TYPE	RUN = L	PANELS REQUIRED
COMBINATION WOVEN BARBED	LESS THAN 33'	NONE
	33' - 330'	SINGLE
	OVER 330' TO 660' MAX.	DOUBLE
BARBED	LESS THAN 66'	NONE
	66' - 660'	SINGLE
	OVER 660' TO 990' MAX.	DOUBLE

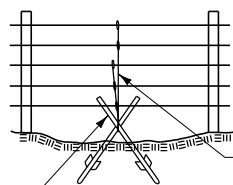
FENCE TYPE	RUN = L (m)	PANELS REQUIRED
COMBINATION WOVEN BARBED	LESS THAN 10	NONE
	10 - 100	SINGLE
	OVER 100 TO 200 MAX.	DOUBLE
BARBED	LESS THAN 20	NONE
	20 - 200	SINGLE
	OVER 200 TO 300 MAX.	DOUBLE



DOUBLE PANEL AT FENCE
CORNER OR ANGLE BREAK

FENCE PANEL TYPES

- 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.



METAL LINE POSTS DRIVEN INTO
GROUND AT LEAST THREE FEET [900]

THREE STRANDS OF
9 GAGE WIRE TIED
AROUND ALL WIRES
AND AROUND THE
JUNCTION OF THE
METAL POSTS

ALTERNATE DEADMAN

WHEN APPROVED BY THE PROJECT MANAGER THE ABOVE
DEADMAN MAY BE USED IN LIEU OF A ROCK OR PRECAST
CONCRETE BLOCK AS SPECIFIED ON DTL. DWG. NO. 607-05.

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.

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DETAILED DRAWING

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

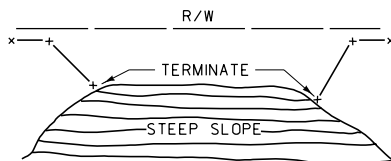
FENCING DETAILS

--REVISED--

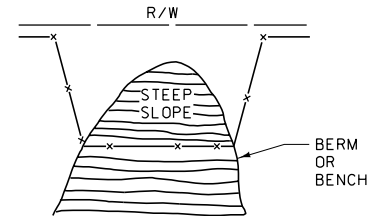
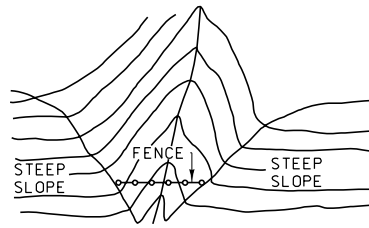
MAY 2011

EFFECTIVE: FEBRUARY 2005

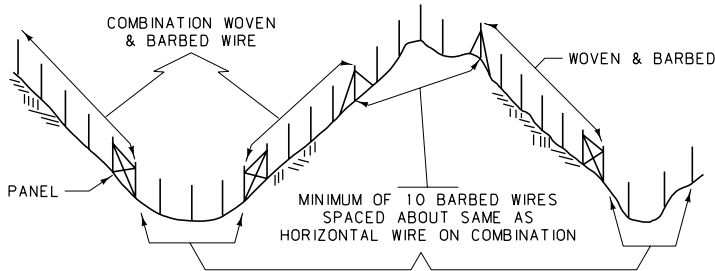
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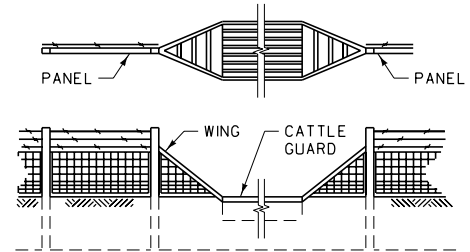
SLOPE MUST BE STEEP ENOUGH TO DETER
PASSAGE OF TRESPASSERS.



FENCE LAYOUT ON STEEP SLOPES

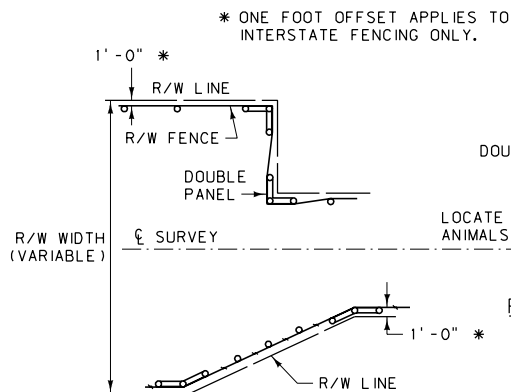


FENCE LAYOUT ON SHARP VERTICAL CURVES TO AVOID TRYING TO CONFORM WOVEN WIRE TO UNEVEN TERRAIN

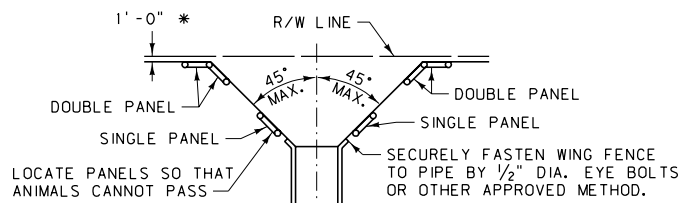


FENCE CONNECTION TO CATTLE GUARD

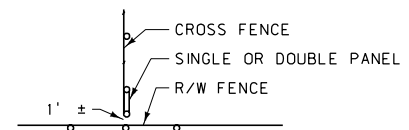
SECURELY FASTEN FENCE WIRE TO THE WINGS
AND ARRANGE SO THAT ANIMALS CANNOT PASS.



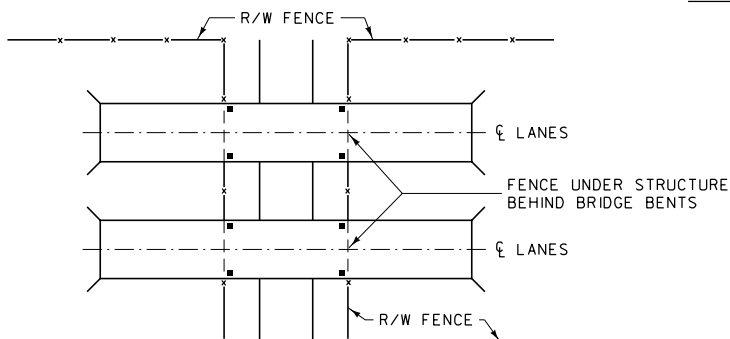
FENCE LAYOUT AT CHANGE IN R/W WIDTH



FENCE LAYOUT AT STOCKPASS, BRIDGES AND LARGE PIPES



FENCE LAYOUT AT CROSS-FENCE CONNECTION




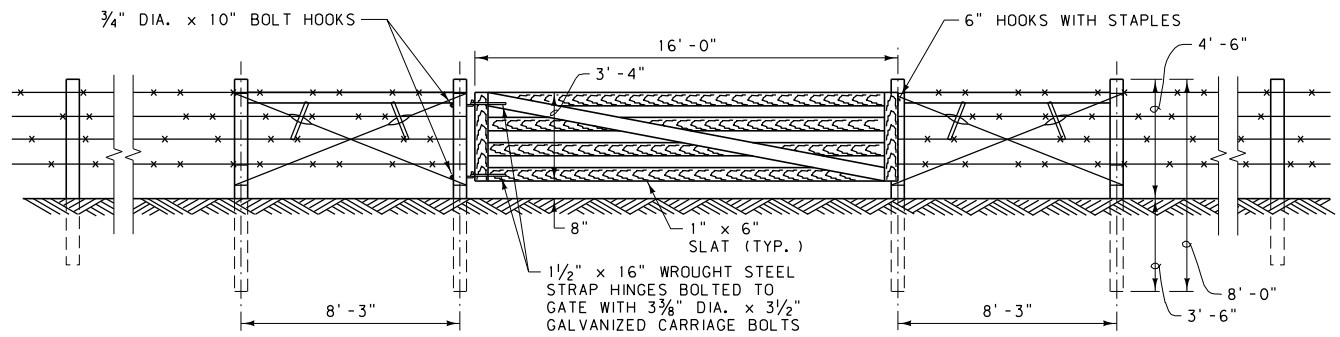
FENCE LAYOUT AT LOCAL ROAD UNDER INTERSTATE

NOTES:

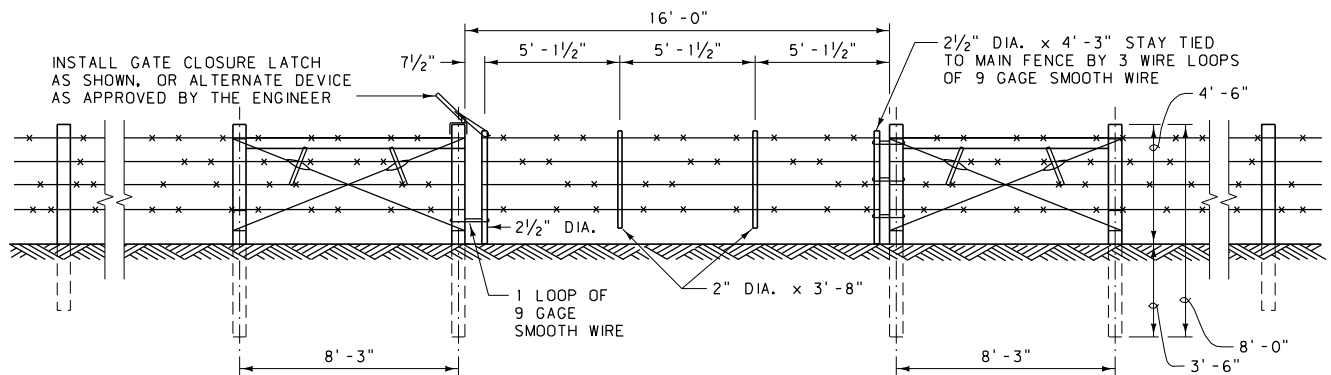
INSTALL NON-INTERSTATE FENCE ON THE
RIGHT-OF-WAY LINE.

DO NOT DAMAGE SURVEY MONUMENTS.

DETAILED DRAWING	
REFERENCE STANDARD SPEC. SECTION 607	DWG. NO. 607-15
FENCING DETAILS	
-- REVISED -- October 2008	EFFECTIVE: FEBRUARY 2005
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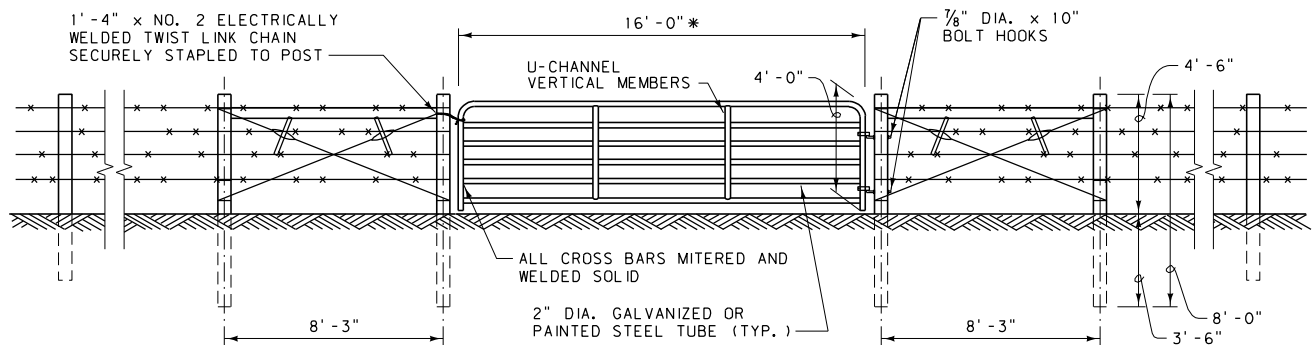


WOOD FARM ENTRANCE GATE (TYPE G-1)
NOTE: USE 10d NAILS AND CLINCH FOR GATE CONSTRUCTION.



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)

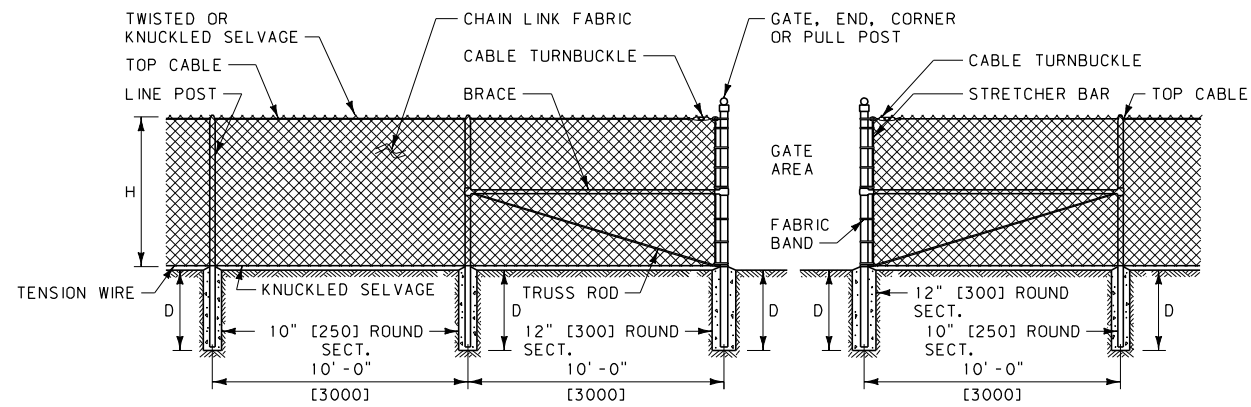
NOTES:

ALL GATES ARE 16'-0" WIDE UNLESS R/W AGREEMENT STATES OTHERWISE.

ALL GATES WILL HAVE A SINGLE OR DOUBLE PANEL AT EACH END.

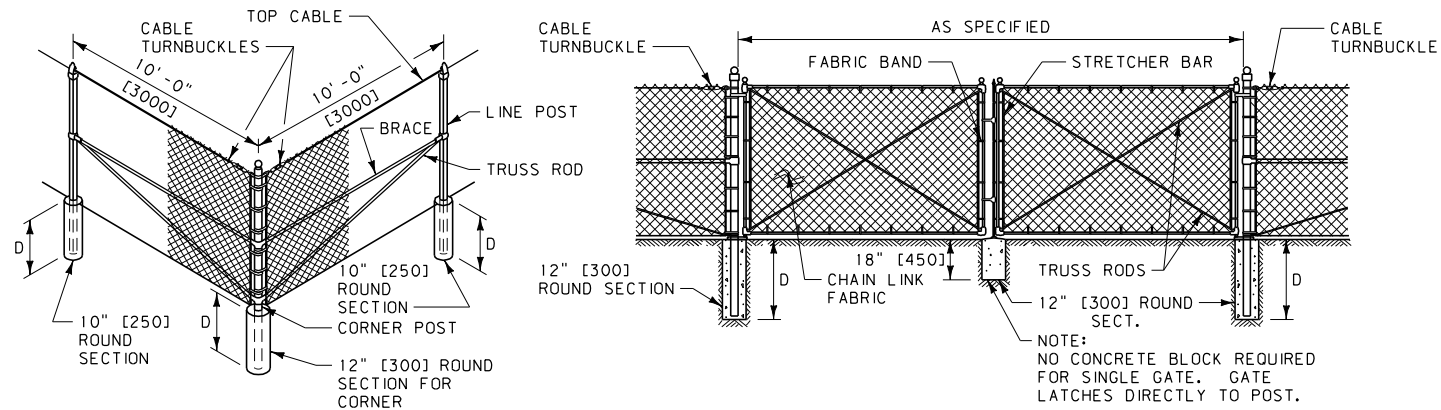
* TYPE G-3 GATES ARE AVAILABLE IN WIDTHS FROM 4' TO 20' IN 2' INCREMENTS.

DETAILED DRAWING	
REFERENCE STANDARD SPEC. SECTION 607	DWG. NO. 607-20
FARM ENTRANCE GATES	
EFFECTIVE: FEBRUARY 2005	
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CHAIN LINK FENCE - 6' [1.8 m] AND 8' [2.4 m]

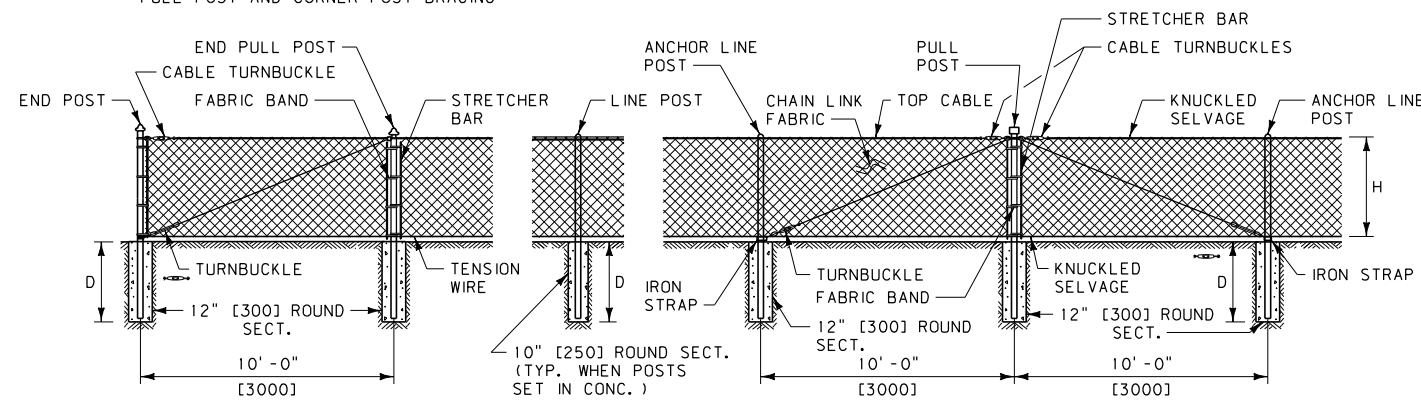
SINGLE PANEL



DOUBLE PANEL

PULL POST AND CORNER POST BRACING

GATES



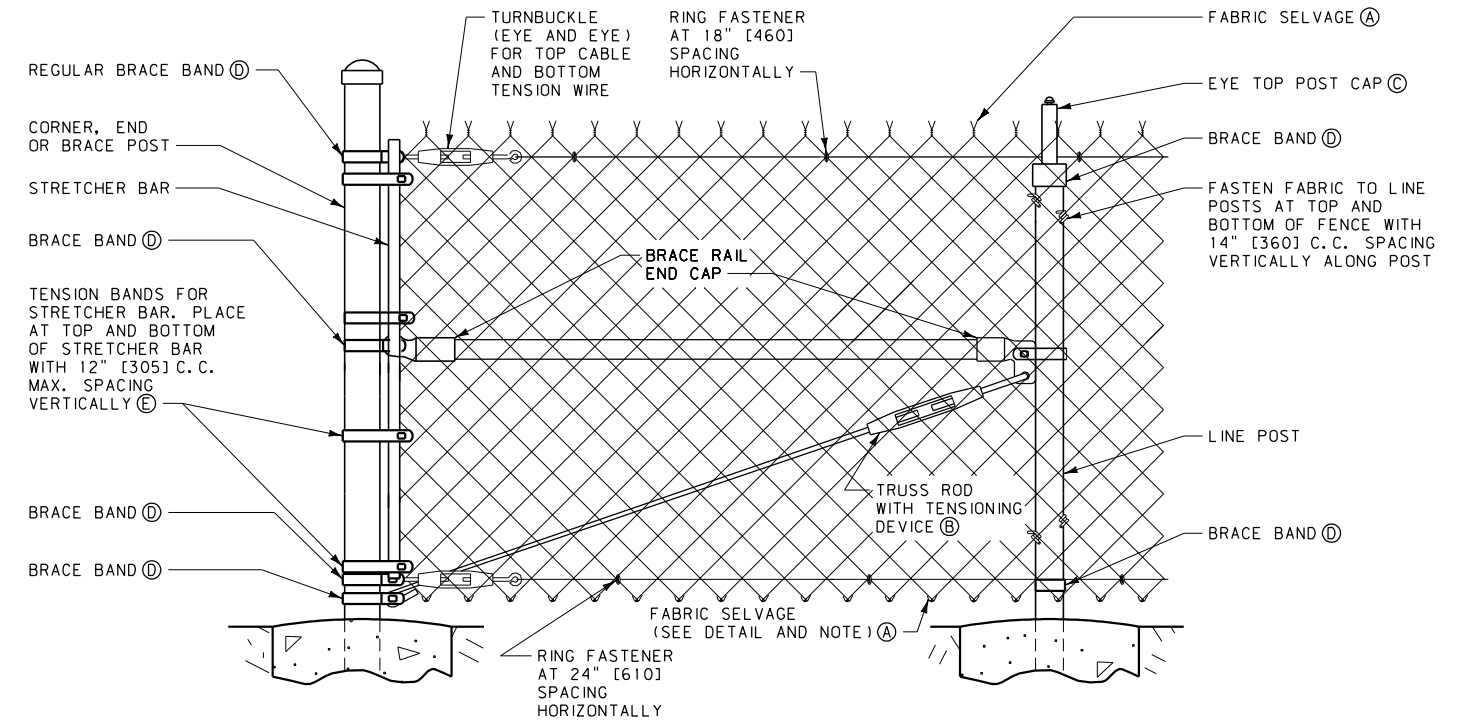
CHAIN LINK FENCE - 3' [0.9 m], 4' [1.2 m] AND 5' [1.5 m]

NOTES:

- 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 RADIUS 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.
- PULL POST BRACING ON 6' [1.8 m] AND 8' [2.4 m] FENCE IS THE SAME AS CORNER BRACING.
- 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].

- ALL CONCRETE IS CLASS "F" OR BETTER.
- 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.

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]



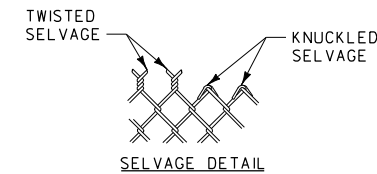
CONNECTION DETAILS

GENERAL NOTES

PROVIDE CHAIN LINK FENCE MATERIALS PER SECTION 712.

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

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



SELVAGE DETAIL

- (B) TRUSS RODS: SEE SECTION 712.01.4



INDUSTRIAL TRUSS TIGHTENER

TURNBUCKLE

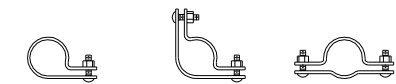
- (C) POST CAPS: PROVIDE EYE-TOP CAPS FOR ALL POSTS CARRYING A TOP CABLE THROUGH THE POST. PROVIDE ROUNDED TOPS FOR ALL OTHER ROUND POSTS. FIT POST CAPS TIGHTLY TO PREVENT REMOVAL.

- (D) BRACE BANDS: SEE SECTION 712.01.5.



BRACE BAND DETAIL

- (E) TENSION BANDS: SEE SECTION 712.01.5

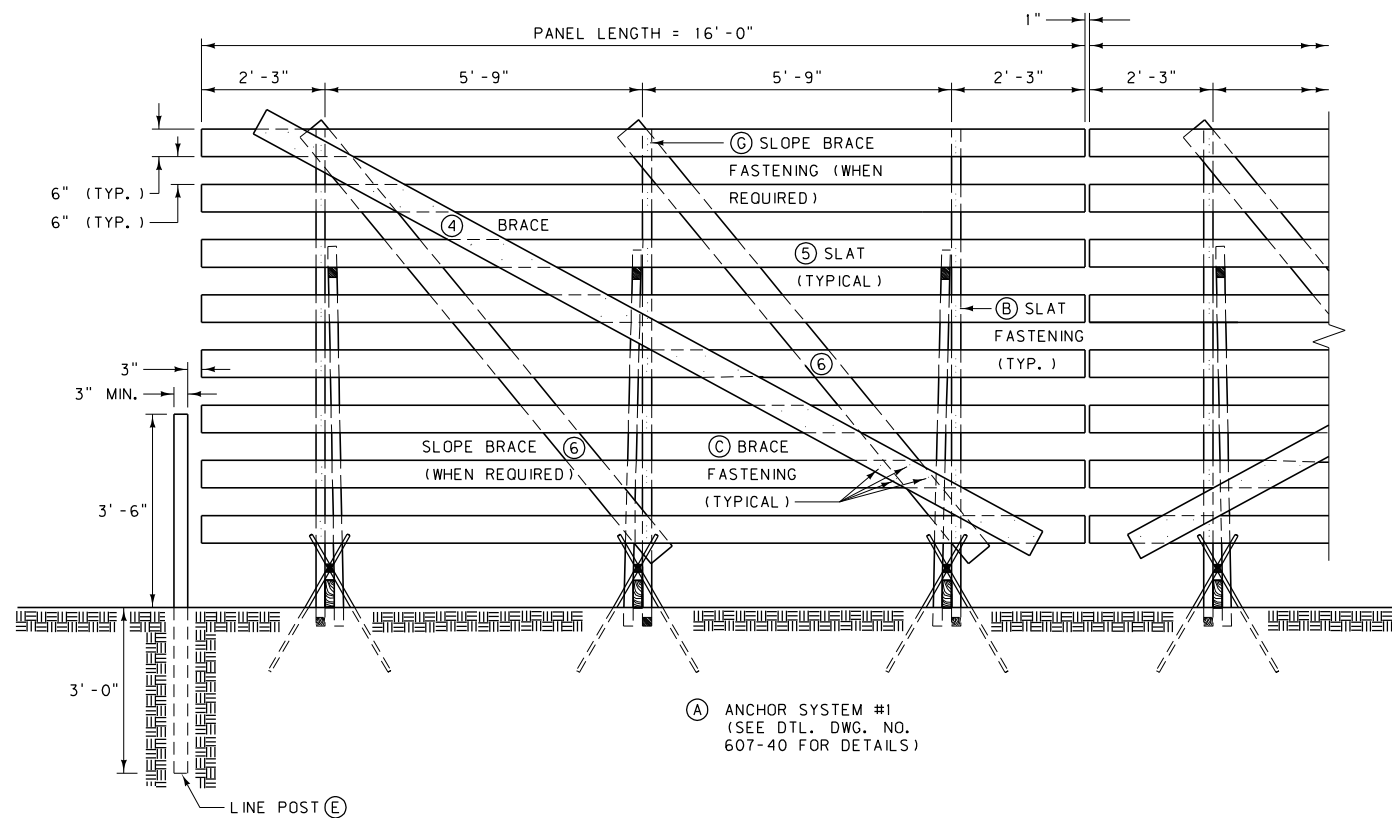


TENSION BAND DETAIL

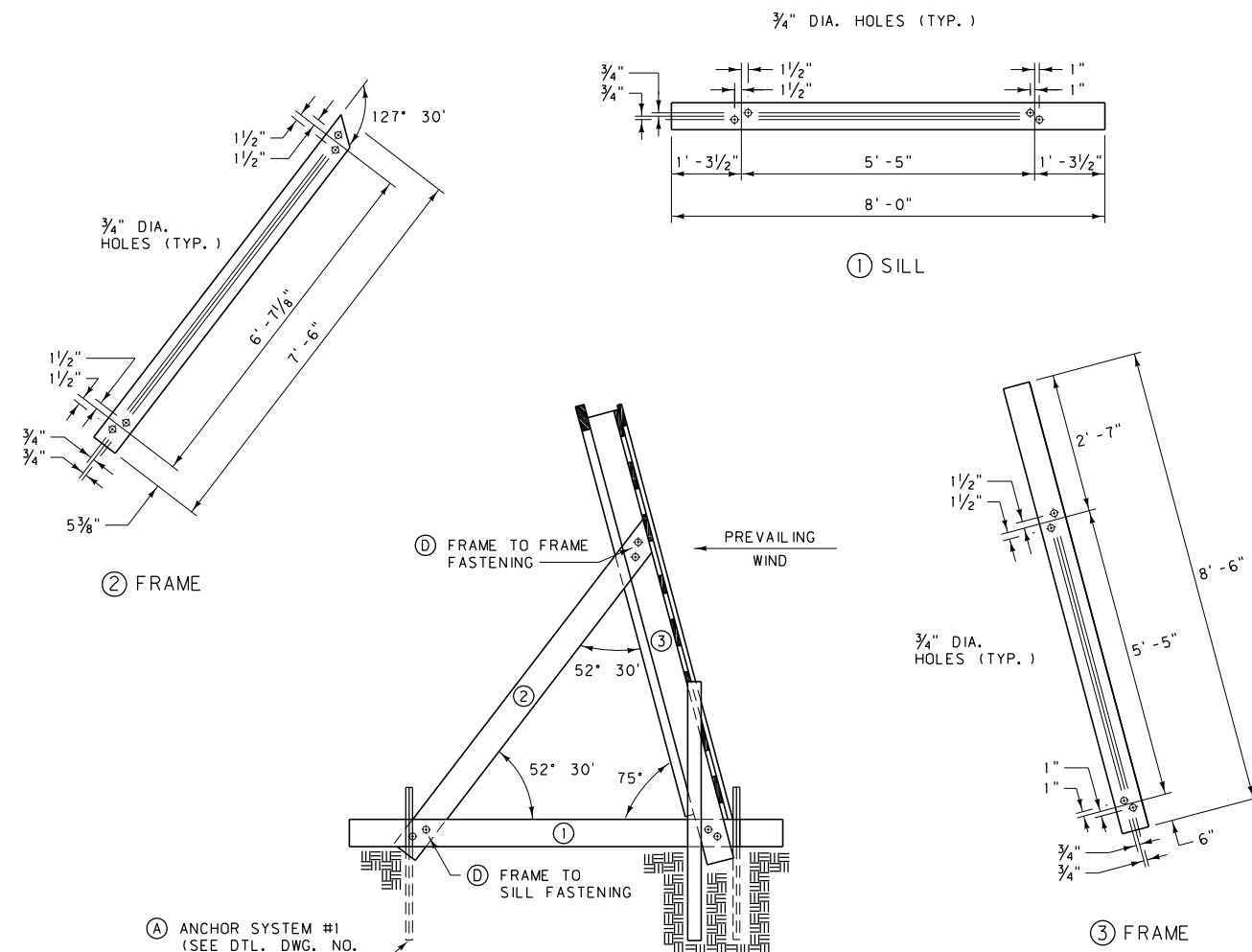
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DETAILED DRAWING	
REFERENCE	DWG. NO.
STANDARD SPEC.	607-25
SECTION 607	

CHAIN LINK FENCE



FRONT VIEW



END VIEW

GENERAL NOTES


- (A) ANCHOR SYSTEM DETAIL
USE ANCHOR SYSTEM #1 UNLESS SOIL AND MOISTURE CONDITIONS NECESSITATE THE USE OF AN ALTERNATE SYSTEM, OR AS DIRECTED BY THE ENGINEER. CONSULT DETAILED DRAWING NUMBERS 607-40 AND 607-45 FOR ANCHOR SYSTEMS #3 (ROCKY CONDITIONS) AND #2 (SWAMPY CONDITIONS).
- (B) SLAT FASTENING
FASTEN SLATS TO THE FRAME WITH 3 ~ 12d COMMON BARBED SHANK NAILS AT EACH LOCATION.
- (C) BRACE FASTENING
FASTEN BRACES TO THE FRAME WITH 4 ~ 8d COMMON NAILS AT EACH LOCATION AND CLINCH.
- (D) 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" STANDARD MACHINE BOLTS, EACH WITH HEX NUT AND TWO FLAT WASHERS. SEE NOTE (X) AT RIGHT.
- (E) LINE POSTS
PLACE LINE POSTS AT EACH END OF EACH LINE OF SNOW FENCE AS SHOWN. POSTS ARE 6'-6" LONG WITH A MINIMUM DIAMETER OF 3" AND A MAXIMUM DIAMETER OF 6". BUTT TREAT 3' MINIMUM.
- (F) WIRE TIE
USE 12 GAGE OR HEAVIER GALVANIZED WIRE TO FORM THE WIRE TIES.
- (G) SLOPE BRACE FASTENING
FASTEN SLOPE BRACES WITH 3 ~ 16d COMMON BARBED SHANK NAILS AT EACH LOCATION.

LUMBER - 8' SNOW FENCE W/ ANCHOR SYSTEM #1			
BILL OF MATERIALS FOR ONE PANEL			
ITEM NO.	NO. OF PIECES	LUMBER SIZE	DESCRIPTION
①*	3	2" x 6" x 8'-0"	FRAME (SILL)
②*	3	2" x 6" x 7'-6"	FRAME
③*	3	2" x 6" x 8'-6"	FRAME
* NOTE: PRESSURE TREAT ALL 2" x 6" MEMBERS (ENTIRE FRAME)			
④	1	1" x 6" x 16'-0"	BRACE
⑤	8	1" x 6" x 16'-0"	SLAT
⑥**	2	2" x 6" x 10'-0"	SLOPE BRACE
** NOTE: USE ONLY WHEN SLOPE IS 5:1 OR GREATER			

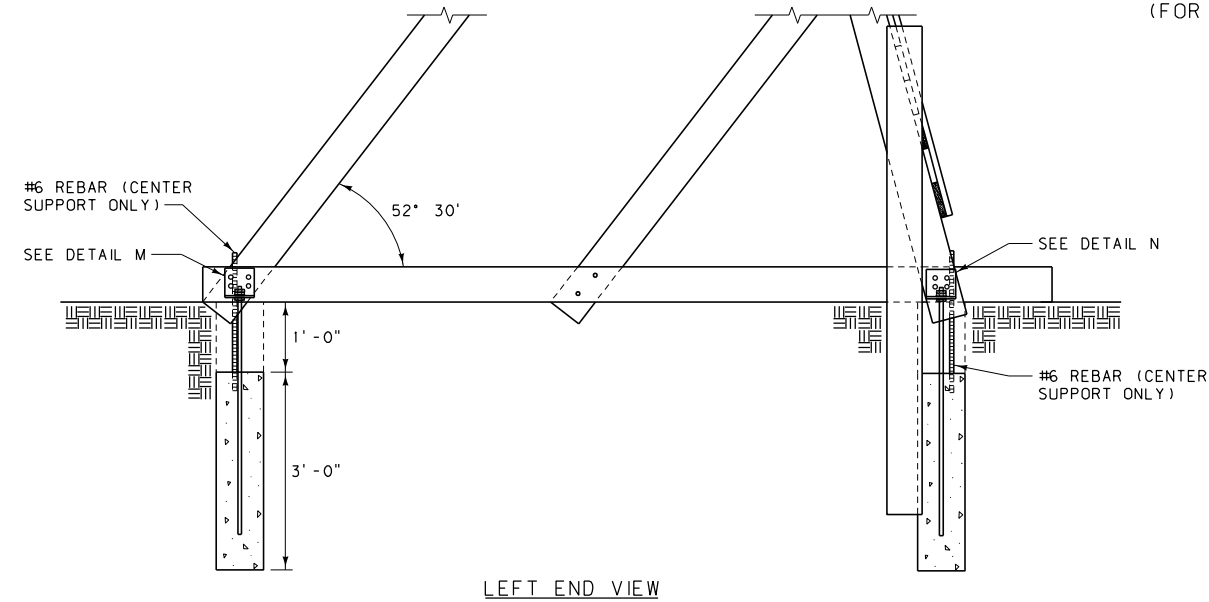
HARDWARE - 8' SNOW FENCE W/ ANCHOR SYSTEM #1		
BILL OF MATERIALS FOR ONE PANEL		
QUANTITY	DESCRIPTION	
①	18	5/8" DIA. x 5" HEX BOLT (THREADED FULL LENGTH) AND NUT
②	36	FLAT WASHER FOR 5/8" DIA. BOLT
③	1 LB.	12d COMMON BARBED SHANK NAIL
④	12	#6 REBAR x 5'-0" (3/4" DIA.)
⑤	6 PIECES	12 GAGE TIE WIRE x 5'-0" ±
⑥	1/3 LB.	8d COMMON NAILS
⑦	1/4 LB.	16d COMMON BARBED SHANK NAILS

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

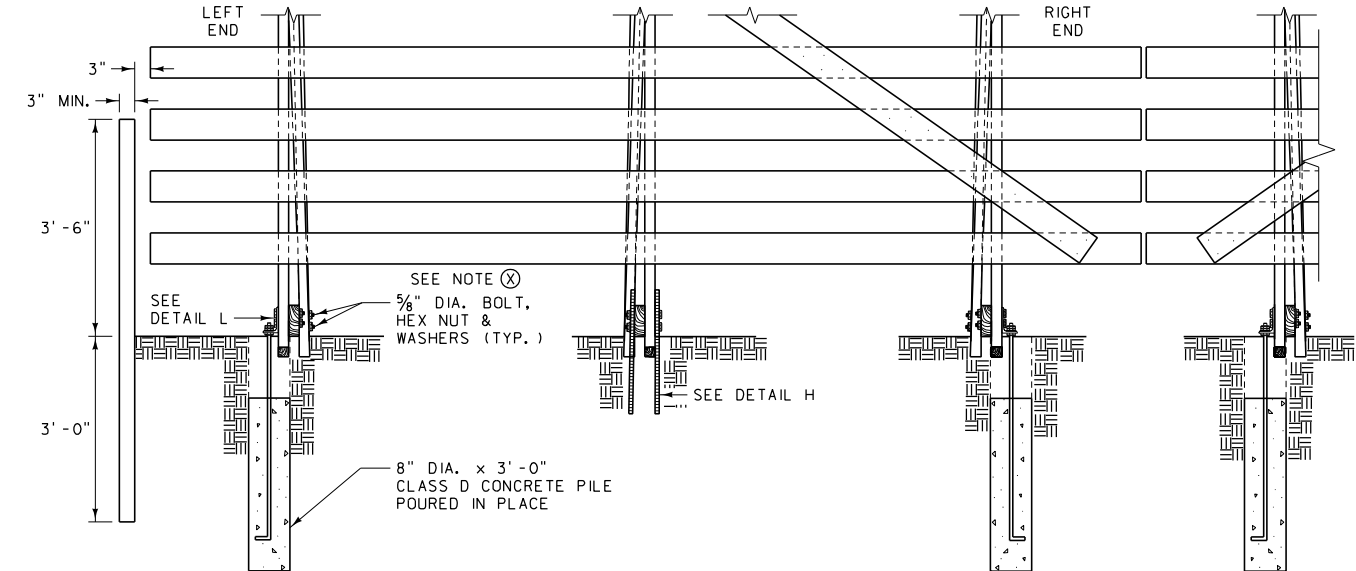
(X) NOTE:
AFTER 5/8" DIA. BOLTS HAVE BEEN TIGHTENED, BURR THE THREAD DIRECTLY BEHIND THE NUT TO PREVENT EVENTUAL LOOSENING OF THE NUTS.

DETAILED DRAWING	
REFERENCE STANDARD SPEC. SECTION 607	DWG. NO. 607-30
8' WOOD SNOW FENCE W/ ANCHOR SYSTEM #1	
EFFECTIVE: FEBRUARY 2005	
 MONTANA DEPARTMENT OF TRANSPORTATION	

ANCHOR SYSTEM #3
(FOR ROCKY CONDITIONS)

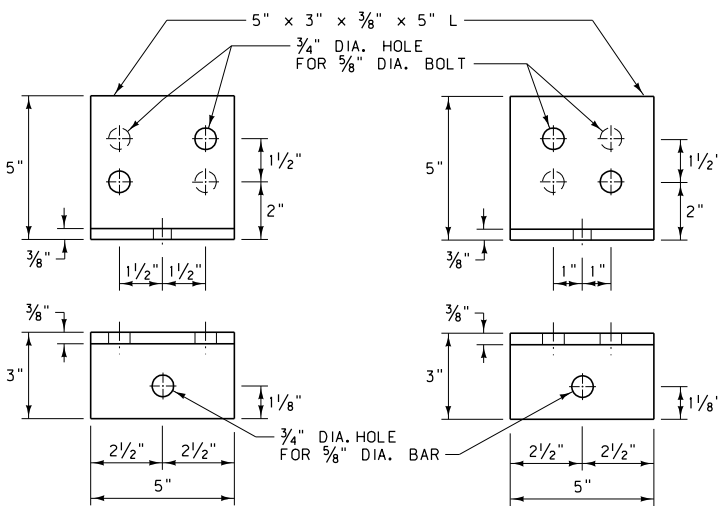


LEFT END VIEW



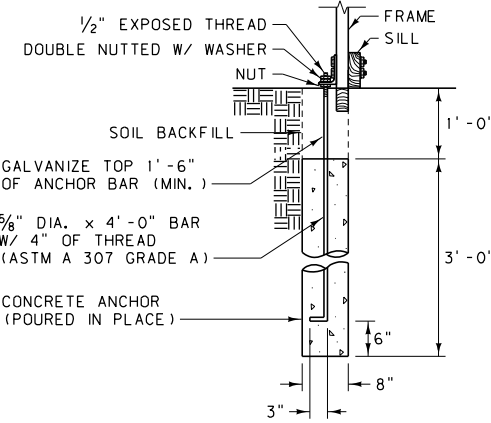
FRONT VIEW

NOTE:
HOLES SHOWN IN DETAILS BELOW ARE FOR LEFT END OF FENCE.
HOLES SHOWN HIDDEN ARE FOR RIGHT END OF FENCE.

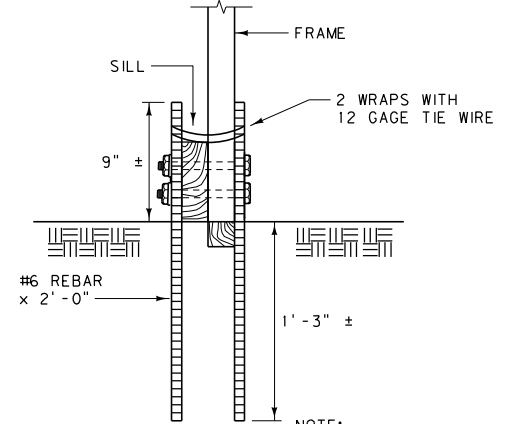


DETAIL M

DETAIL N



DETAIL L



DETAIL H

NOTE:
USE ON FRONT AND BACK
OF CENTER SUPPORT.

LUMBER - SNOW FENCE W/ ANCHOR SYSTEM #3

BILL OF MATERIALS FOR ONE PANEL

SAME AS FOR SNOW FENCE W/ ANCHOR SYSTEM #1

HARDWARE - SNOW FENCE W/ ANCHOR SYSTEM #3

BILL OF MATERIALS FOR ONE PANEL

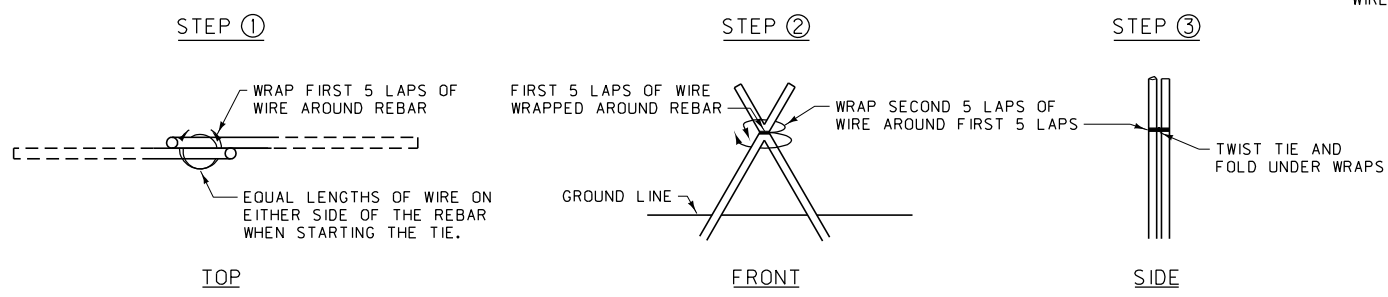
QUANTITY	DESCRIPTION
4	5" x 3" x 3/8" x 5" L
4	5/8" DIA. x 4'-0" BAR W/ 3 HEX NUTS
4	FLAT WASHERS FOR 5/8" DIA. BAR
0.16 C.Y.	CLASS D CONCRETE
4	#6 REBAR x 2'-0" (3/4" DIA.)
4 PIECES	12 GAGE TIE WIRE x 2'-0" ±
30	5/8" DIA. x 5" HEX BOLT (THREADED FULL LENGTH) AND NUT
60	FLAT WASHERS FOR 5/8" DIA. BOLT

NOTE: NAILS REQUIRED ARE SAME AS SHOWN ON HARDWARE SUMMARY FOR SNOW FENCE W/ ANCHOR SYSTEM #1

SEE NOTE (X) BELOW

(X) NOTE:
AFTER 5/8" DIA. BOLTS HAVE BEEN TIGHTENED,
BURR THE THREAD DIRECTLY BEHIND THE NUT
TO PREVENT EVENTUAL LOOSENING OF THE NUTS.

ANCHOR SYSTEM #1
(STANDARD)



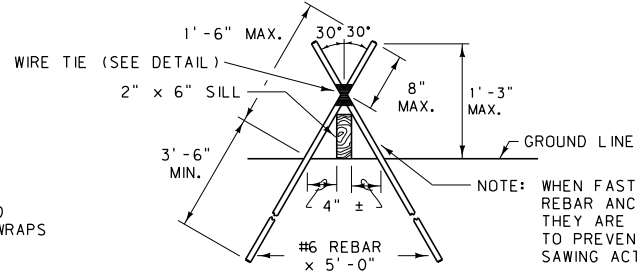
TOP

FRONT

SIDE

WIRE TIE DETAIL

USE 12 GAGE OR HEAVIER GALVANIZED WIRE TO FORM THE WIRE TIES.

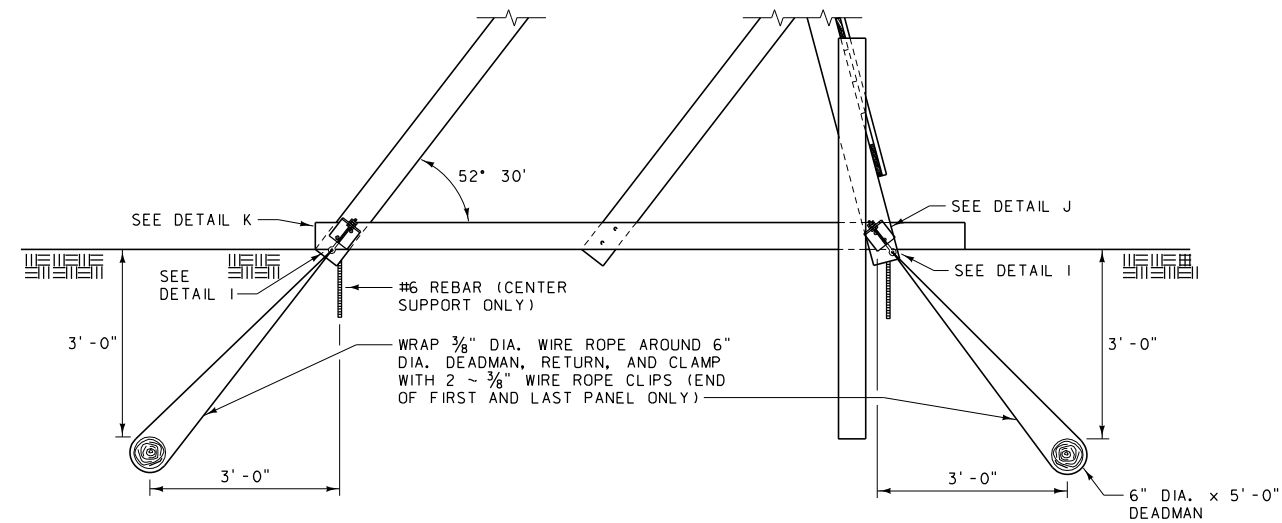


USE TWO #6 REINFORCING BARS FOR EACH END OF EACH SILL MEMBER. DRIVE THE BARS UP TIGHT TO THE FRAME TO PREVENT SLIDING. TIE THE REINFORCING BARS AS SHOWN IN THE WIRE TIE DETAIL. THE PLACEMENT OF THE ANCHORS IS CRITICAL IN PREVENTING OVERTURNING AND SLIDING OF THE FENCE.

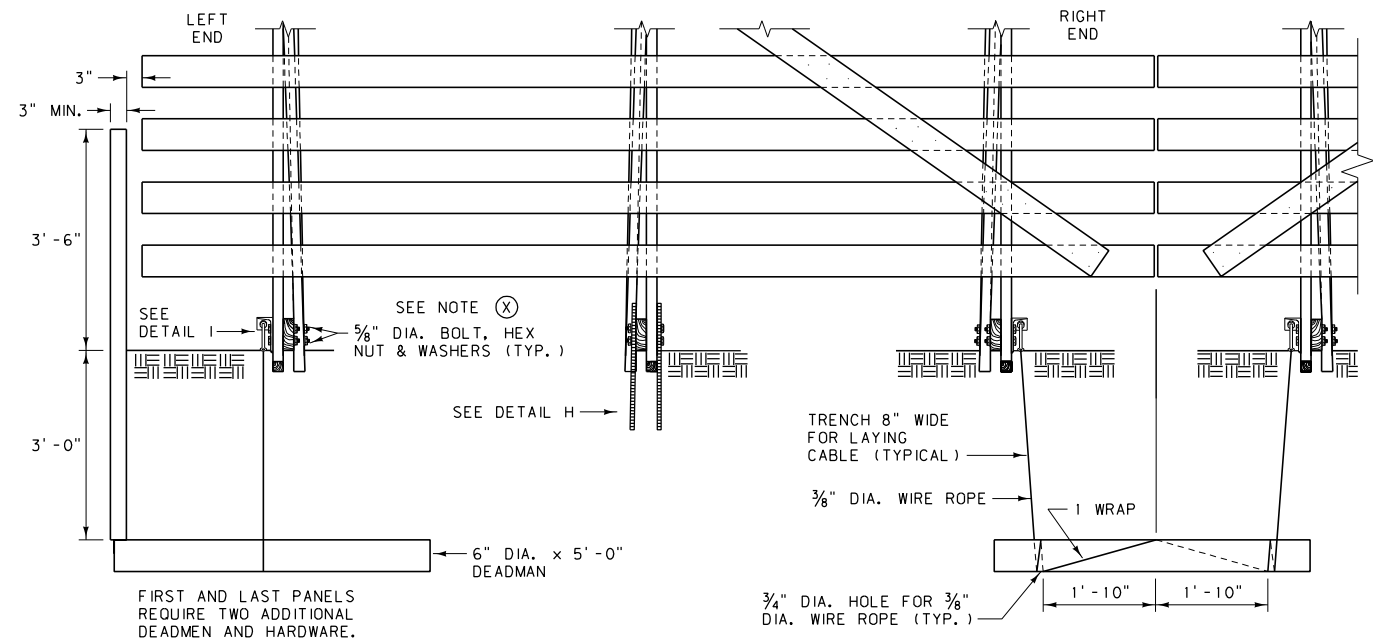
STANDARD ANCHOR DETAIL

DETAILED DRAWING	
REFERENCE	DWG. NO.
STANDARD SPEC.	607-40
SECTION 607	
WOOD SNOW FENCE ANCHOR SYSTEM #3 AND #1 DETAILS	
EFFECTIVE: FEBRUARY 2005	
MONTANA DEPARTMENT OF TRANSPORTATION	

ANCHOR SYSTEM #2
(FOR SWAMPY CONDITIONS)

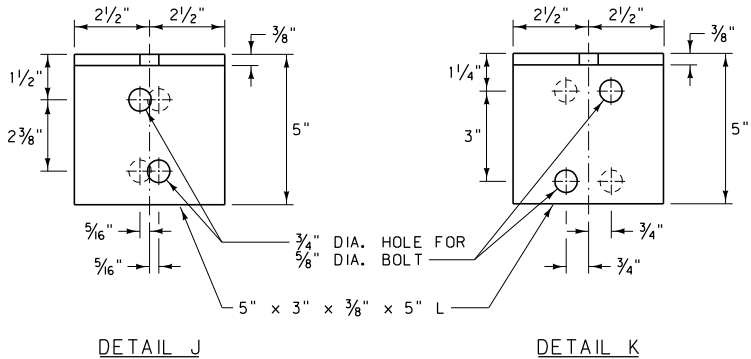
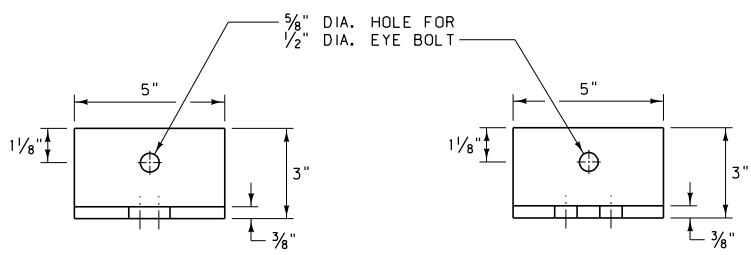


LEFT END VIEW



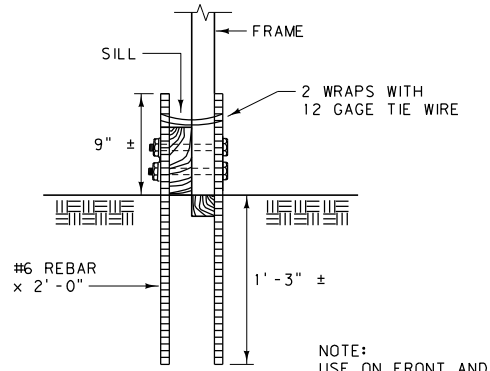
FRONT VIEW

NOTE:
HOLES SHOWN IN DETAILS BELOW ARE FOR LEFT END OF FENCE.
HOLES SHOWN HIDDEN ARE FOR RIGHT END OF FENCE.

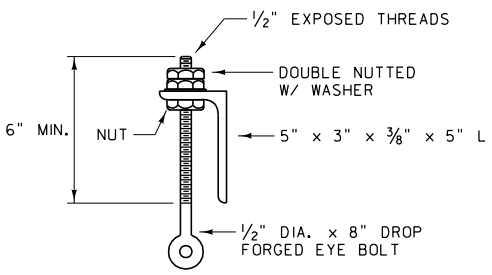


DETAIL J

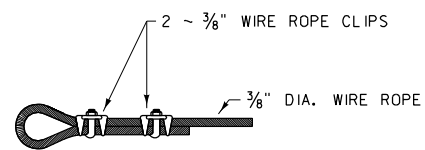
DETAIL K



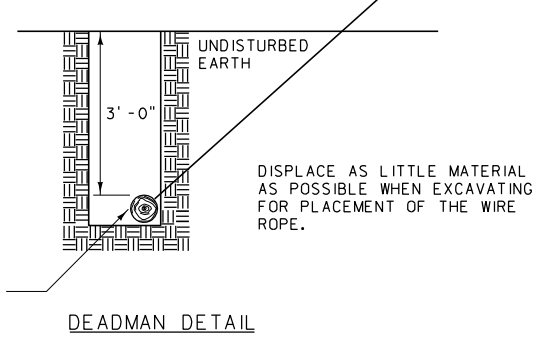
DETAIL H



DETAIL I



WIRE ROPE CONNECTION




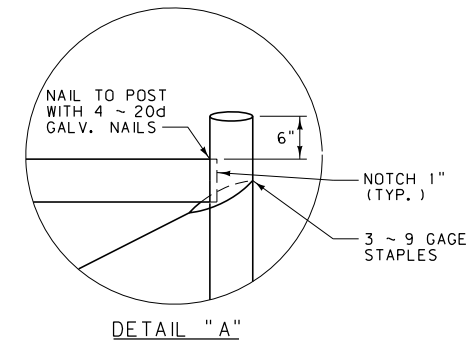
DEADMAN DETAIL

LUMBER - SNOW FENCE W/ ANCHOR SYSTEM #2	
BILL OF MATERIALS FOR ONE PANEL	
SAME AS FOR SNOW FENCE W/ ANCHOR SYSTEM #1	

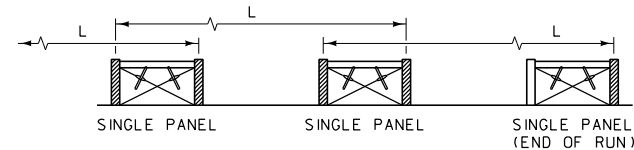
HARDWARE - SNOW FENCE W/ ANCHOR SYSTEM #2	
BILL OF MATERIALS FOR ONE PANEL	
QUANTITY	DESCRIPTION
4	5" x 3" x 3/8" x 5" L
8	3/8" WIRE CLAMPS
4	1/2" DIA. DROP FORGED EYEBOLTS W/ 3 HEX NUTS
4	FLAT WASHERS FOR 1/2" DIA. EYEBOLTS
4	#6 REBAR x 2'-0" (3/4" DIA.)
4 PIECES	12 GAGE TIE WIRE x 2'-0" ±
29 FT.	3/8" DIA. WIRE ROPE
2	6" DIA. x 5'-0" POST DEADMEN
30	5/8" DIA. x 5" HEX BOLT (THREADED FULL LENGTH) AND NUT
60	FLAT WASHERS FOR 5/8" BOLT
NOTE: NAILS REQUIRED ARE SAME AS SHOWN ON HARDWARE SUMMARY FOR SNOW FENCE W/ ANCHOR SYSTEM #1	

(X) NOTE:
AFTER 5/8" DIA. BOLTS HAVE BEEN TIGHTENED, BURR THE THREAD DIRECTLY BEHIND THE NUT TO PREVENT EVENTUAL LOOSENING OF THE NUTS.

DETAILED DRAWING	
REFERENCE STANDARD SPEC. SECTION 607	DWG. NO. 607-45
WOOD SNOW FENCE ANCHOR SYSTEM #2 DETAILS	
EFFECTIVE: FEBRUARY 2005	
 MONTANA DEPARTMENT OF TRANSPORTATION	

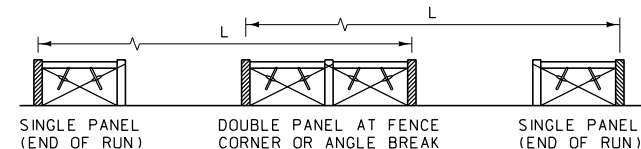


WILDLIFE FENCE



FENCE TYPE	RUN = L	PANELS REQUIRED
WILDLIFE	LESS THAN 30'	NONE
	30' - 330'	SINGLE

NOTE:
TIE OFF ON ALL CROSS HATCHED OR
SHADED POSTS.



FENCE PANEL TYPES

NOTES:

PLACE ALL FENCE WIRE ON PASTURE SIDE OF POST,
EXCEPT ON CURVES. THEN, PLACE THE WIRE ON
THE OUTSIDE OF THE CURVE.

POST SPACING IS GENERALLY MEASURED PARALLEL TO GROUND.

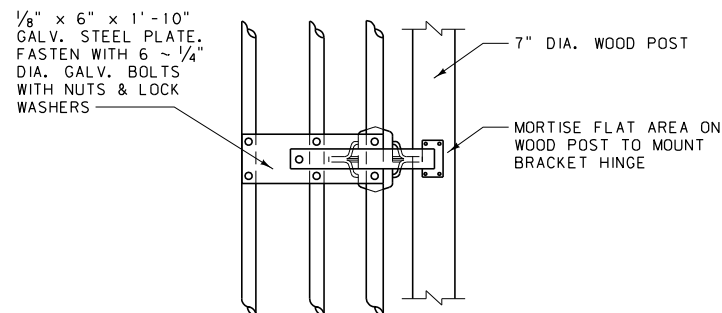
LINE POST SPACING IS 15'-0" CENTER TO CENTER.
LINE POST SPACING FROM BRACE OR PANEL POST IS
15'-0" CENTER TO CENTER.

TO ATTACH WOVEN VERTICAL 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.

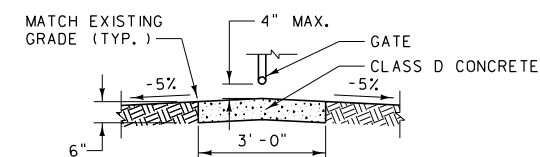
A DEADMAN MAY BE A PRECAST CONCRETE BLOCK, A CAST IN PLACE CONCRETE BLOCK, A ROCK OR OTHER APPROVED OBJECT WEIGHING AT LEAST 260 LB. BURY THE DEADMAN IN THE GROUND WITH AT LEAST 2'-0" OF COVER. ATTACH THE DEADMAN TO THE FENCE WITH 3 STRANDS OF 9 GAGE WIRE OR 6 STRANDS OF 12½ GAGE WIRE. SEE DTL. DWG. 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.



TIE BAR MOUNTING DETAIL
FOR GATE CLOSERS



SECTION A-A
CENTER CONCRETE DIG BARRIER APRON UNDER CLOSED GATE

<p align="center">DETAILED DRAWING</p>	
<p>REFERENCE STANDARD SPEC. SECTION 607</p>	<p align="right">DWG. NO. 607-50</p>
<p align="center">WILDLIFE FENCE</p>	
<p>EFFECTIVE: APRIL 2006</p>	
 <p><i>serving you with pride</i></p>	<p align="center">MONTANA DEPARTMENT OF TRANSPORTATION</p>