### Combination Woven Wire & Barbed Wire Fence

<table>
<thead>
<tr>
<th>Type</th>
<th>48&quot; [1200] Fence Height</th>
<th>51&quot; [1280] Fence Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type F2-32W</td>
<td>32&quot; [813] WW-2 BW *</td>
<td>32&quot; [813] WW-3 BW *</td>
</tr>
<tr>
<td>Type F3-32W</td>
<td>39&quot; [990] WW-2 BW *</td>
<td>39&quot; [990] WW-3 BW *</td>
</tr>
</tbody>
</table>

### Barbed Wire Fence

<table>
<thead>
<tr>
<th>Type</th>
<th>48&quot; [1200] Fence Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type F3</td>
<td>3 BW</td>
</tr>
<tr>
<td>Type F4</td>
<td>4 BW</td>
</tr>
<tr>
<td>Type F5</td>
<td>5 BW</td>
</tr>
<tr>
<td>Type F6</td>
<td>6 BW</td>
</tr>
</tbody>
</table>

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#### 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, i.e., Type F3M.
5. "W" denotes wood posts, i.e., Type F4W.

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#### Stays

1. Use wire stays on all fences unless wood stays are specified.
2. Locate stays half-way 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]).

---

#### Approximate Weight

- **32" [813] Woven Wire Fabric (832-6-12 1/2) per 20 Rod (100 m) Roll 15 150 LB. (68 kg) 15 LB. (5 kg) (Note: 12 1/2 Gauge)
- **39" [990] Woven Wire Fabric (939-6-12 1/2) per 20 Rod (100 m) Roll 15 170 LB. (77 kg) 10 LB. (5 kg) (Note: 12 1/2 Gauge)

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#### Detailed Drawing

**Reference:** DWG. NO. 607-00

**Standard Spec. Section:** 607-00

**Effective:** September 2014

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**NOTE:** Units shown in brackets ( ) are metric and are in millimeters (mm) unless other units are shown.

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**MDT**: Montana Department of Transportation
**WIRE SPACING TABLE**

<table>
<thead>
<tr>
<th>WILDLIFE-FRIENDLY FARM FENCE TYPE 1 &amp; 4</th>
<th>WILDLIFE-FRIENDLY FARM FENCE TYPE 2 &amp; 5</th>
<th>WILDLIFE-FRIENDLY FARM FENCE TYPE 3 &amp; 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>42&quot; [1050] FENCE HEIGHT</td>
<td>42&quot; [1050] FENCE HEIGHT</td>
<td>42&quot; [1050] FENCE HEIGHT</td>
</tr>
<tr>
<td>WF-2 BW/2 SW-16 &amp; WF-2 BW/2 SW-12</td>
<td>WF-3 BW/1 SW-16 &amp; WF-3 BW/1 SW-12</td>
<td>WF-4 BW/16 &amp; WF-4 BR-12</td>
</tr>
<tr>
<td>TYPE WF4-SB85-16 &amp; TYPE WF4-SB85-12</td>
<td>TYPE WF4-3B85-16 &amp; TYPE WF4-3B85-17</td>
<td>TYPE WF4-AB-16 &amp; TYPE WF4-AB-17</td>
</tr>
</tbody>
</table>

**SMOOTH WIRE**
- (12 1/2 GAUGE)

**BARBED WIRE**
- (12 1/2 GAUGE)

**BOTTOM WIRE HEIGHT**

<table>
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<tr>
<th>TYPE</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
</tr>
</thead>
</table>

**NOTES:**
1. "M" DENOTES METAL POSTS, IE. TYPE WF4M.
2. "W" DENOTES WOOD POSTS, IE. TYPE WF4W.
3. SEE DTL. DWG. NO. 607-05, 607-10, AND 607-15 FOR ADDITIONAL FENCING DETAILS.

* DENOTES STAPLE AND/OR TIE LOCATIONS

UNITS SHOWN IN BRACKETS () ARE METRIC AND ARE IN MILLIMETERS (mm) UNLESS OTHER UNITS ARE SHOWN.
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.
3. 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.
**Fence Panels**

- For pulling, stretching, changes in vertical alignment.
- For corners, pulling, stretching, and changes in horizontal alignment.
- Runner square posts are used whenever a 5/16" [7.9] Pilot hole diameter is used.

**Detail A**

- BRACE BANDS - Provide minimum 12/16" [19.1] 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.

**Detail B**

- INSTALL 4 1/2" x 3/8" [114 x 9.5] 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.
- BRACE BANDS - Provide minimum 12/16" [19.1] 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.

**METAL LINE POST**

- Points of crossing.
- Wood line post.
- Metal line post.

**WIRE BRACING**

- Wire bracing twisted.

**METAL POST DOUBLE PANEL BRACING**

- Cap or plug as approved by project manager.

**WOOD SINGLE PANEL**

- See detail "C" or "D".
UNLESS OTHER UNITS ARE SHOWN. METRIC AND ARE IN MILLIMETERS (mm) UNITS SHOWN IN BRACKETS [] ARE

<table>
<thead>
<tr>
<th>FENCE TYPE</th>
<th>RUN = L (m)</th>
<th>PANELS REQUIRED</th>
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<tbody>
<tr>
<td>COMBINATION WOVEN/BARBED</td>
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<tr>
<td>LESS THAN 33'</td>
<td>NONE</td>
<td></td>
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<td>33' - 330'</td>
<td>SINGLE</td>
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<td>OVER 330' TO 660' MAX.</td>
<td>DOUBLE</td>
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<tr>
<td>BARBED</td>
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<tr>
<td>LESS THAN 66'</td>
<td>NONE</td>
<td></td>
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<tr>
<td>66' - 660'</td>
<td>SINGLE</td>
<td></td>
</tr>
<tr>
<td>OVER 660' TO 990' MAX.</td>
<td>DOUBLE</td>
<td></td>
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TIE OFF POINT
SELECT PANEL TYPE AT FENCE CORNER OR ANGLE BREAK BASED ON FENCE RUN LENGTH.

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 SHAD ED 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.
4. 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.
6. PLACE WIRE STAYS PER DTL. DWG. NO. 607-00 HALFWAY BETWEEN POSTS. DO NOT PLACE STAYS ON PANELS.
7. 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.
FENCE DETAILS

UNITED STATES OF AMERICA

DEPARTMENT OF TRANSPORTATION

MONTANA DEPARTMENT OF TRANSPORTATION

PANEL

TERMINATE

STEEP SLOPE

SOME MUST BE STEEP ENOUGH TO DETER
PACKAGES OF TRANSPORTATION.

FENCE LAYOUT ON STEEP SLOPES

SECTION A-A

CHANGE IN R/W WIDTH ON INTERSTATE

FENCE CONNECTION TO CATTLE GUARD

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

FENCE LAYOUT AT CROSS-FENCE CONNECTION

FENCE LAYOUT ON SHARP VERTICAL CURVES

FENCE LAYOUT AT LOCAL ROAD UNDER INTERSTATE

FENCE LAYOUT AT STOCKPASS, BRIDGES AND LARGE PIPES

FENCE DETAILS

ALTERNATE DEADMAN

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

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' OF COVER. ATTACH THE DEADMAN TO
THE FENCE WITH THREE STRANDS OF 9 GAUGE WIRE OR 6 STRANDS OF
12 1/2 GAUGE WIRE.

DETAILED DRAWING

REFERENCE

Dwg. No.

MDT 9-15

SECTION 627

UNITS SHOWN IN BRACKETS [ ] ARE METRIC AND ARE IN MILLIMETERS (mm)
UNLESS OTHER UNITS ARE SHOWN.
**UPLSOPK FENCE LAYOUT AT CORRUGATED STEEL PIPE (CSP) STOCKPASS**

- Single Panel
- 4'-0" (1200) Max Spacing
- 6" (150) Dia Posts
- 6" (150) Min Overlap
- 8" (200) Max Spacing
- 4" (102) Diameter Pole

**X-SEC VIEW**

*NOTE: All poles, posts, rails, or wood items will be treated with one 6" [150] ringed nail. Attach rails to posts using one 6" [150] ringed nail.*

**RAIL NOTCHING**

- At points of contact with posts, notch rails to a depth of 2" [50] min.

**FENCE DETAILS**

- Units shown in brackets ( ) are metric and are in millimeters (mm) unless other units are shown.

- Effective: January 2018

**INTERSTATE FENCING ONLY.** *One foot offset applies to interstate fencing only.*

- 1'-0" [300]*

**4 5° MAX.**

- Max Rail Length
- Max Rail Notching
- Approch Spacing

- 4'-6" [1370] Max Spacing
- 7'-0" [2130] X-sec View
- 2'-6" [760]

**NOTE:** All poles, posts, rails, or wood items will be treated with one 6" [150] ringed nail.
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.
5. INCLUDE COST OF 2 x 6 [50 x 150] CROSS RAILS IN THE COST OF ADJACENT PANELS.

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

DETAIL DRAWING

REFERENCE DWG. NO. 607-20

FENCING AT RIGHT OF WAY BREAKS

MDT R/W PASTURE

SEE NOTE

MDT R/W PASTURE

MDT R/W PASTURE

TREATED 2X6'S [50 x 150]

SPAN TREATED 2X6'S [50 x 150] ACROSS GAP ON PASTURE SIDE OF POSTS. ATTACH TO PANEL POSTS WITH TWO 3" EXTERIOR GRADE SCREWS ON EACH END AND TRIM EDGES AT 45 DEGREE ANGLES.

---REVISED--- EFFECTIVE SEPTEMBER 2014

MDT 2016

MONTANA DEPARTMENT OF TRANSPORTATION
FASTEN SLOPE BRACES WITH 3 ~ 16d COMMON BARBED SHANK NAILS AT EACH LOCATION.

SLOPE BRACE FASTENING

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

WIRE TIE DIAMETER OF 6" [152.4]. BUTT TREAT 3' [914.4] MINIMUM.

ARE 6'-6" [1981.2] LONG WITH A MINIMUM DIAMETER OF 3" [76.2] AND A MAXIMUM DIAMETER OF 6" [152.4]. BUTT TREAT 3' [914.4] MINIMUM.

PLACE LINE POSTS AT EACH END OF EACH LINE OF SNOW FENCE AS SHOWN. POSTS ARE 6'-6" [1981.2] LONG WITH A MINIMUM DIAMETER OF 3" [76.2] AND A MAXIMUM DIAMETER OF 6" [152.4]. BUTT TREAT 3' [914.4] MINIMUM.

FRAME TO LINE POST FASTENING

WASHERS. SEE NOTE X AT RIGHT.

5/8" DIA. x 5" [M16 x 127] STANDARD MACHINE BOLTS, EACH WITH HEX NUT AND TWO FLAT WASHERS. PRESSURE TIGHTEN THE NUT TO PREVENT EVENTUAL LOOSENING OF THE NUTS.

NOTE: PRESSURE TREAT ALL 2" x 6" [50 x 150] MEMBERS ENTRAINED IN THE FRAME.

GENERAL NOTES

1. ANCHOR SYSTEM DETAIL. USE ANCHOR SYSTEM #1 UNLESS SOIL AND MOISTURE CONDITIONS NECESSITATE THE USE OF AN ALTERNATE SYSTEM, OR AS DIRECTED IN THE PROJECT WRITER. CONSULT DETACHED DRAWING NUMBERS 607-40 AND 607-45 FOR ANCHOR SYSTEMS #3 (ROCKY CONDITIONS) OR AN ALTERNATE SYSTEM, OR AS DIRECTED BY THE PROJECT MANAGER. CONSULT DETAILED DRAWING NUMBERS 607-40 AND 607-45 FOR DETAILS.

2. SLAT FASTENING. FASTEN SLATS TO THE FRAME WITH 3 ~ 12d COMMON BARBED SHANK NAILS AT EACH LOCATION AND #2 (SWAMPY CONDITIONS).

3. FRAME TO SILL AND FRAME TO FRAME FASTENING (WHEN REQUIRED) WITH 4 ~ 8d COMMON NAILS AT EACH LOCATION.

4. SLOPE BRACE FASTENING. FASTEN SLOPE BRACES TO THE FRAME WITH 4 ~ 8d COMMON NAILS AT EACH LOCATION AND #2 (SWAMPY CONDITIONS).

5. SLAT FASTENING. FASTEN SLATS TO THE FRAME WITH 3 ~ 12d COMMON BARBED SHANK NAILS AT EACH LOCATION.

BILL OF MATERIALS FOR ONE PANEL

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QUANTITY</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>3</td>
<td>2&quot; x 6&quot; x 16'-0&quot; 150 x 150 x 496.0</td>
</tr>
<tr>
<td>2</td>
<td>3</td>
<td>2&quot; x 6&quot; x 12'-0&quot; 150 x 150 x 379.2</td>
</tr>
<tr>
<td>3</td>
<td>3</td>
<td>2&quot; x 6&quot; x 8'-0&quot; 150 x 150 x 259.0</td>
</tr>
</tbody>
</table>

NOTE: PRESSURE TREAT ALL 2" x 6" [50 x 150] MEMBERS ENTRAINED IN THE FRAME.

BILL OF MATERIALS FOR ONE PANEL

<table>
<thead>
<tr>
<th>QUANTITY</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>18</td>
<td>5/8&quot; DIA. x 9&quot; [89 x 227] HEX BOLT</td>
</tr>
<tr>
<td>36</td>
<td>1/2&quot; [12.7] FLAT WASHER FOR 5/8&quot; DIA. HEX BOLT</td>
</tr>
<tr>
<td>1</td>
<td>1/2&quot; [12.7] LOCK WASHER FOR 1/2&quot; DIA. NUT</td>
</tr>
<tr>
<td>14</td>
<td>1/2&quot; [12.7] FRAME TO LINE POST BOLT</td>
</tr>
<tr>
<td>4</td>
<td>1/2&quot; [12.7] FRAME TO SILL BOLT</td>
</tr>
<tr>
<td>100</td>
<td>1/2&quot; [12.7] COMMON NAILS</td>
</tr>
<tr>
<td>6</td>
<td>1/2&quot; [12.7] COMMON 6 PIECES</td>
</tr>
</tbody>
</table>
| 100      | 1/2" [12.7] COMMON WASHERS | (TYPICAL)

NOTE: USE ONLY WHEN SLOPE IS 5:1 OR STEEPER

END VIEW
1. Anchor system detail. Use only system #1 unless soil and moisture conditions necessitate the use of an alternate system, or as directed by the project manager. Consult detached slope drawings (numbers 607-40 and 607-45) for anchor system #1 (rock conditions) and #2 (non-rock conditions).

2. Slats fastening. Fasten slats to the frame with 3-12d common barbed shank nails at each location.

3. Back brace fastening. Fasten back braces to the frame with 2-16d nails, and fasten the slope braces with 5/8" x 16d nails at each location.

4. Panel length = 16'-0" (4876.8 mm)

5. Note: Pressure treat all 2" x 6" (50 x 150 mm) members (entire frame).

6. Bill of materials for one panel.

7. Hardware - 12'-0" snow fence with anchor system #1

8. Note: Placement of hook anchors tight against snow fence members shown in initial drawings (details see anchor system #1 details, dtwg. no. 607-35). Place line posts at each end of each line of snow fence as shown. Posts are 8' long (2438 mm) with a minimum diameter of 2" (50 mm) and a maximum diameter of 4" (101.6 mm). Butt treat to (4x4) minimum.

9. Wind ties. Use 12 gauge or heavier galvanized wire to form the wire ties.

10. Back & slope brace fastening. Fasten back brace to the frame with 2-16d nails, and fasten the slope braces with 3-12d barbed shank nails at each location.

11. Note: Use only when slope is 3:1 or steeper.
ANCHOR SYSTEM #3
(For Rocky Conditions)

LEFT END VIEW

RIGHT END VIEW

NOTE: USE ON FRONT AND BACK OF CENTER SUPPORT.

CONCRETE ANCHOR (POURED IN PLACE)

CLASS GENERAL CONCRETE ANCHOR

8" DIA. x 3'-0" [914.4] LONG

5/8" DIA. x 4'-0" [1219.2] BAR W/ 4 HEX NUTS

FLAT WASHERS FOR 5/8" [M16] DIA. BOLT

SEE NOTE BELOW

SUMMARY FOR SNOW FENCE W/ ANCHOR SYSTEM #1

NOTE: NAILS REQUIRED ARE SAME AS SHOWN ON HARDWARE

UNLESS OTHER UNITS ARE SHOWN.

METRIC AND ARE IN MILLIMETERS (mm)

UNITS SHOWN IN BRACKETS [ ] ARE

SUPPORT ONLY)

#6 [#19] REBAR (CENTER SUPPORT ONLY)

NOTE:

ANCHOR SYSTEM #1
(STANDARD)

STEP 1
WRAP FIRST 5 LAPS OF WORK AROUND REBAR

STEP 2
WRAP SECOND 5 LAPS OF WORK AROUND FIRST 5 LAPS

STEP 3
TWIST THE TIE AND FOLD UNDER WRAPS

SIDE
WIRE TIE DETAIL
USE 12 GAUGE TIE WIRE WITHOUT WRAP TO FORM THE WIRE TIES

TOP

WIRE TIE DETAIL
USE 12 GAUGE TIE WIRE WITHOUT WRAP TO FORM THE WIRE TIES

GROUND LINE

NOTE: WHEN FASTENING STANDARD REBAR ANCHORS MAKE SURE THE FINISHED DETAIL AS SHOWN IN THE WIRE TIE DETAIL. THE PLACEMENT OF THE ANCHOR

SUMMARY FOR SNOW FENCE W/ ANCHOR SYSTEM #3

NOTE: WIRE TIE DETAIL - SAME AS FOR SNOW FENCE W/ ANCHOR SYSTEM #1

UNLESS OTHER UNITS ARE SHOWN.

METRIC AND ARE IN MILLIMETERS (mm)

UNITS SHOWN IN BRACKETS [ ] ARE

SUPPORT ONLY)

#6 [#19] REBAR (CENTER SUPPORT ONLY)

NOTE:

ANCHOR SYSTEM #1
(STANDARD)

STEP 1
WRAP FIRST 5 LAPS OF WORK AROUND REBAR

STEP 2
WRAP SECOND 5 LAPS OF WORK AROUND FIRST 5 LAPS

STEP 3
TWIST THE TIE AND FOLD UNDER WRAPS
JACK AND WIRE ASSEMBLY

JACK LEG NOTCHING

LINE JACK SPACING

MUD SILL

SET POST BRACE

NOTCHED JACK LEG TO A DEPTH OF APPROXIMATELY ONE-HALF THE DIA. OF THE LEG PROVIDE 9" [230] MIN. DIA. FOR JACK LEG.

CHECK EACH JACK NOTCH AND ENSURE WIDTH IS APPROX. EQUAL TO LEG DIA. AS SHOWN.

DONE ON 3" [75] RINGED NAIL INTO EACH SIDE OF THE JACK THROUGH NOTCHED JOINT. CLINCH PROTRUDING NAIL ENDS AS NEEDED.

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**Jack and Pole Assembly**

**Jack Leg Notching**

Notch jack legs to a depth of approximately one-half the dia. of the log. Provide 6" (150) min. dia. log for jack leg.

Rail each jack notch and ensure width is approx. equal to log dia. (reference as shown).

Drive top 6" (150) numbered nail into each side of the jack through notch. Provide 6" (150) min. nail end as needed.

**Mud Sill**

Wood items will be treated.

**Line Jack Spacing**

**Braced Panel**

Units shown in brackets ( ) are in millimeters (mm). Unless otherwise noted, all units are shown.

Note: All poles, posts, rails, or wood items will be treated.