

SPECIAL BOLTS

○ ID QUAN TYPE DIA LENGTH WASH

1 4 A325 1/2" 2" 1

| MEMBER | TABLE | |
|---------|------------------|------------|
| FRAME I | LINE D | |
| MARK | PART | LENGTH |
| DJ-1 | J08C060 | 7'-6" |
| DJ-2 | J08C067 | 18'-7" |
| DJ-3 | J08C060 | 18'-7" |
| DH-1 | J08C060 | 14'-0" |
| E-1 | 12Z075 | 21'-6 1/2" |
| E-2 | 12Z075 | 32'-5 1/4" |
| F-3 | 127075 | 32'-5 1/4" |
| F-4 | 127075 | 33'-6 1/2" |
| G-4 | 087060 | 15'-8 1/2" |
| Ğ-5 | 087060 | 15'-5 1/2" |
| G-6 | 087060 | 10'-0 1/2" |
| G-7 | 087075 | 28'-3 1/2" |
| CB-3 | 002073 RNN- | 23'-7" |
| CB-3 | RDD- | 23'-8" |
| CD-4 | עעאן_ | [3 -0 |

CONNECTION PLATES
FRAME LINE D
OID MARK/PART
1 e1
2 JCA&P02
3 e2

SIDEWALL FRAMING PLAN

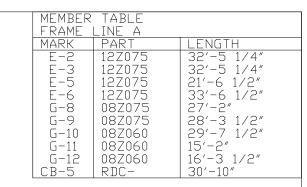
GENERAL NOTES

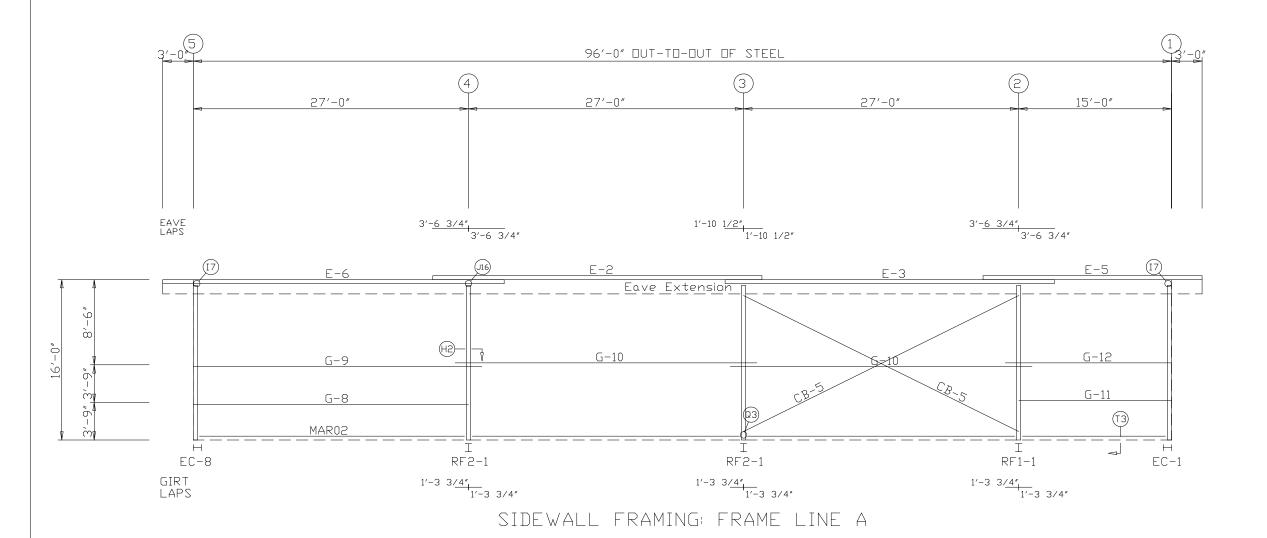
1. STD. ROD/CABLE SIZES PER PART PREFIX ARE:

| 1. | 3110. | 1 | D/ CF | ישבר | . 3121 | -3 I LK | I HIX I | 1 1 | .1 1/ | JINE. |
|----|-------|-----|-------|------|--------|---------|---------|-----|-------|-------|
| | RDD | | | | | _ | CABL | Ε | | |
| | RDB- | - : | = 5/ | ′8″ | ROD | | CAA- | = | 1/4* | CABLE |
| | RDC- | . : | = 3/ | 4" | RDD | | CAB- | = | 3/8" | CABLE |
| | RDD- | - : | = 7/ | ′8″ | RDD | | CAC- | = | 1/2" | CABLE |
| | RDE- | - : | = 1" | RD] | D | | | | | |
| | | | | | | | | | | |

- RDF- = 1 1/8" RDD RDG- = 1 1/4" RDD
- 2. ROD/CABLE BRACING THAT OCCURS IN FLUSH OR INSET GIRT CONDITIONS WILL REQUIRE FIELD SLOTTING OF GIRT WEBS TO ALLOW FOR BRACING.
- 3. FRAMED OPENINGS WHICH ARE FIELD LOCATED WILL REQUIRE FIELD CUTTING OF GIRTS AND SHEETING.
- 4. THIS DRAWING IS NOT TO SCALE.

| Battle | Ridge Builders | Battle Ridge Builders | |
|---------|----------------------|-----------------------------|--|
| PROJECT | 48 × 96 | PHDNE: 406-599-8211 | |
| ID | 15795Q | SIDEWALL FRAMING | |
| | 350 Countryside Lane | DESIGN: Steve NBS | |
| ADDRESS | Belgrade, MT 59714 | DATE: 5/27/20 SHEET 4 DF 15 | |





<u>Sidewall framing plan</u>

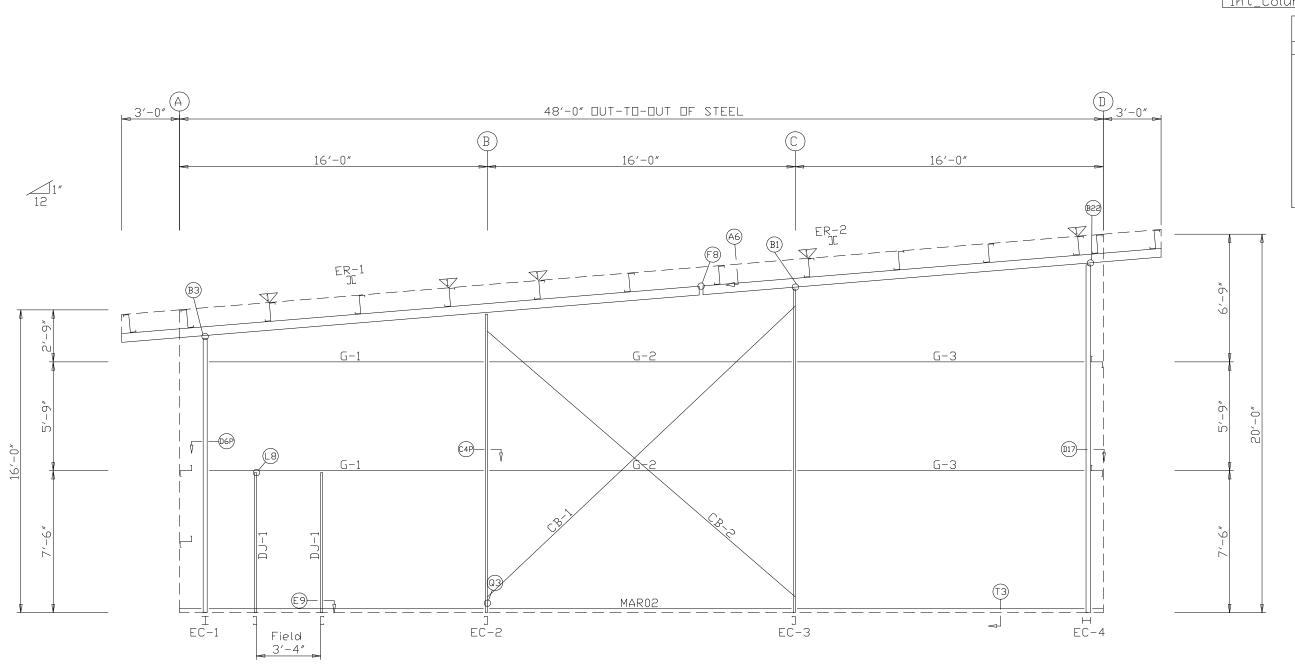
GENERAL NOTES

1. STD. ROD/CABLE SIZES PER PART PREFIX ARE:

| ROD | | CABLE |
|------|--------------|-------------------|
| RDB- | = 5/8" ROD | CAA- = 1/4" CABLE |
| RDC- | = 3/4″ R□D | CAB- = 3/8" CABLE |
| RDD- | = 7/8" R□D | CAC- = 1/2" CABLE |
| RDE- | = 1" R□D | |
| PNF- | = 1 1/8" PUD | |

- RDF- = 1 1/8" RDD RDG- = 1 1/4" RDD
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| PROJECT | 48 × 96 | PHDNE: 406-599-8211 | |
| ID | 15795Q | SIDEWALL FRAMING | |
| | | DESIGN: Steve | NBS |
| ADDRESS | Belgrade, MT 59714 | DATE: 5/27/20 SHEET 5 DF 15 | |



ENDWALL FRAMING: FRAME LINE 1

 BOLT TABLE

 FRAME LINE 1

 LOCATION
 QUAN TYPE DIA
 LENGTH

 ER-1/ER-2
 8 A325 5/8" 2 1/4"

 Cor_Column/Raf
 4 A325 1/2" 2"

 Int_Column/Raf
 6 A325 1/2" 2"

| MEMBER | TABLE | |
|--------|----------|---------------|
| FRAME | LINE 1 | |
| MARK | PART | LENGTH |
| EC-1 | W8×10 | 14'-5 7/16" |
| EC-2 | W082089 | 15'-7 15/16" |
| EC-3 | W08S089 | 16'-11 15/16" |
| EC-4 | W8×10 | 18'-3 1/4" |
| ER-1 | W08SD075 | 30'-2 7/16" |
| ER-2 | W08SD075 | 23'-11 13/16" |
| DJ-1 | J08C060 | 7'-6" |
| G-1 | 08Z060 | 13'-11 1/2" |
| G-2 | 08Z060 | 15'-3 1/2" |
| G-3 | 08Z060 | 14'-3 3/8" |
| CB-1 | RDB- | 22'-10" |
| CB-2 | RDB- | 21'-11" |

| FLANGE BRACE TABLE FRAME LINE 1 | | | | | | |
|------------------------------------|------------|-------|------|--|--|--|
| ∇ID | # SIDES | MARK | CLIP | | | |
| 1 | 1 | FBE01 | | | | |

ENDWALL FRAMING PLAN

GENERAL NOTES

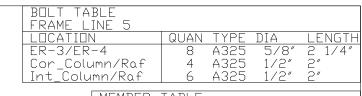
1. STD. ROD/CABLE SIZES PER PART PREFIX ARE:

| ROD | | CABLE |
|------|------------|-------------------|
| RDB- | = 5/8″ R□D | CAA- = 1/4" CABLE |
| RDC- | = 3/4" R□D | CAB- = 3/8" CABLE |
| RDD- | = 7/8″ R□D | CAC- = 1/2 CABLE |
| RDE- | = 1" RDD | |

RDE- = 1" RDD RDF- = 1 1/8" RDD RDG- = 1 1/4" RDD

- 2. RDD/CABLE BRACING THAT DCCURS IN FLUSH DR INSET GIRT CONDITIONS WILL REQUIRE FIELD SLOTTING DF GIRT WEBS TO ALLOW FOR BRACING.
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- 4. THIS DRAWING IS NOT TO SCALE.

| Battle | Ridge Builders | Battle Ridge | Builders | | | |
|---------|----------------------|-------------------|----------|-------|-----|--|
| PROJECT | 48 × 96 | PHONE: 406-599-82 | 211 | | | |
| ID | 15795Q | ENDWALL FRAMING | | | | |
| PROJECT | 350 Countryside Lane | DESIGN: Steve | | | NBS | |
| ADDRESS | Belgrade, MT 59714 | DATE: 5/27/20 | SHEET 6 | □F 15 | | |



| MEMBER | TABLE | |
|--------|----------|---------------|
| FRAME | LINE 5 | |
| MARK | PART | LENGTH |
| EC-5 | W8×10 | 18'-3 1/4" |
| EC-6 | W12S075 | 16'-11 15/16" |
| EC-7 | W12S075 | 15′-7 15/16″ |
| EC-8 | W8×10 | 14'-5 7/16" |
| ER-3 | W08SD089 | 23'-11 13/16" |
| ER-4 | W08SD089 | 30'-2 7/16" |
| DJ-1 | J08C060 | 7'-6" |
| G-1 | 08Z060 | 13'-11 1/2" |
| Ğ-2 | 08Z060 | 15'-3 1/2" |
| Ğ-3 | 08Z060 | 14'-3 3/8" |
| CB-1 | RDB- | 22'-10" |
| CB-2 | RDB- | 21'-11" |
| | | |

| FLANGE BRACE TABLE FRAME LINE 5 | | | | | |
|---------------------------------|------------|-------|------|--|--|
| ∇ ID | # SIDES | MARK | CLIP | | |
| 1 | 1 | FBE01 | | | |

| V | 1111711 | | 0 110 | | ±/ L | |
|--------------------|--------------|--------------|--------|--------|------------|--------|
| | | | | | | |
| | MEMBE | | | | | |
| | FRAME LINE 5 | | | | | |
| | MARK | PA | RT | LE | NGTH | 1 |
| | EC-5 | W8 | 3×10 | 18 | ′-3 1 | /4" |
| | EC-6 | W1 | 2S075 | 16 | ′-11 : | 15/16″ |
| | EC-7 | W1 | 28075 | 15′ | ′-7 1 | 5/16" |
| | EC-8 | W8 | 3×10 | 14 | 7-5 | 7/16" |
| | ER-3 | W0 | 8SD089 | 9 23 | ′-11 | 13/16" |
| | ER-4 | W0 | 8SD089 | 30 | '-2 7 | 7/16″ |
| | DJ-1 | J0: | 8C060 | 7'- | -6" | |
| | G-1 | 08 | Z060 | 13′ | ′-11 : | 1/2" |
| | G-2 | 08 | Z060 | 15 | ′-3 1 | /2" |
| | G-3 | | 7060 | | ′-3 3 | . — |
| | CB-1 | RD | | | ′-10″ | ,, 0 |
| | CB-2 | RD | | | ′-11″ | |
| ı | OD L | 1 1/12 | | | - 11 | |
| FLANGE BRACE TABLE | | | | | F | |
| | FRAME LINE 5 | | | | | |
| | | | | | | |
| | | | # | | | |
| | | $ \nabla$ ID | SIDES | MARK | | CLIP |

ENDWALL FRAMING PLAN

GENERAL NOTES

1. STD. ROD/CABLE SIZES PER PART PREFIX ARE:

| ROD | | CABLE |
|------|------------|-------------------|
| RDB- | = 5/8″ R□D | CAA- = 1/4" CABLE |
| RDC- | = 3/4" R□D | CAB- = 3/8" CABLE |
| RDD- | = 7/8″ R□D | CAC- = 1/2 CABLE |
| RDE- | = 1" RDD | |

RDE- = 1" ROD RDF- = 1 1/8" ROD RDG- = 1 1/4" ROD

- 2. ROD/CABLE BRACING THAT OCCURS IN FLUSH OR INSET GIRT CONDITIONS WILL REQUIRE FIELD SLOTTING OF GIRT WEBS TO ALLOW FOR BRACING.
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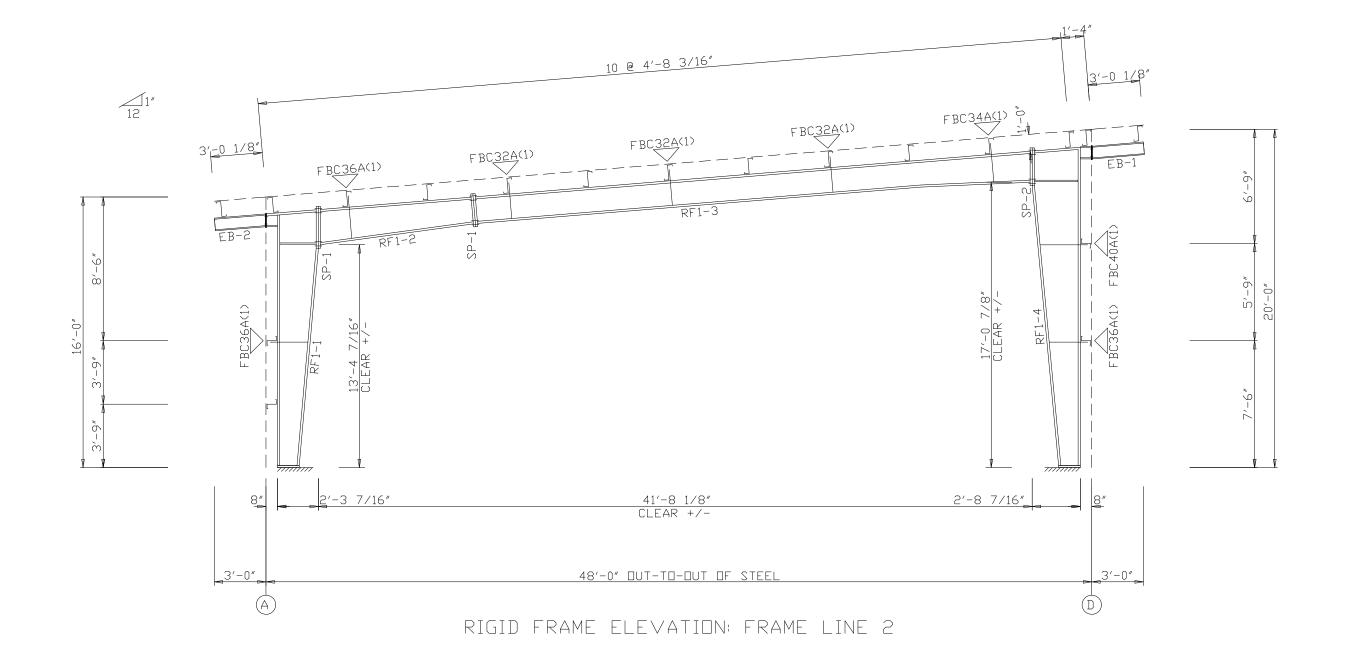
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| PROJECT | 350 Countryside Lane | DESIGN: Steve NB | S |
| ADDRESS | Belgrade, MT 59714 | DATE: 5/27/20 SHEET 7 DF 15 | |

| | 3'-0" D | | 48'-0" | DUT-TD-DUT OF STEEL | | A 3'-0" | E E E |
|----------|---------|-------------|--------------------|---------------------|------------|-------------|-----------------|
| | - | 16′-0″ | C | 16'-0" | 16'-0" | - | 1" 12 |
| »6-,9 | (B23) | | ER-3 JC | (A6) | ER-4 JE | - — ¥ | |
| <u>Ψ</u> | | G-3 | | G-2 | G−1 | | - 8° |
| 20,-0, | | G-3 | (C4F)— | <u>G-8</u> | G-1 | | 5/-9" |
| 1,-6" | | E9-1-100 | C3 ² -2 | MAR02 | | (13) | 7-6" |
| 1 1 | EC-5 | Field 3'-4" | <u> </u> | EC | <u> </u> | □ I EC-8 | |

ENDWALL FRAMING: FRAME LINE 5

| SPLICE | BOLT | TABI | _E | | | |
|--------|------|------|-----|------|-------|--------|
| | Qty | | | | | |
| Mark | Top | Bot | Int | Type | Dia | Length |
| SP-1 | 4 | 4 | 0 | A325 | 0.625 | 2.25 |
| SP-2 | 4 | 4 | 0 | A325 | 0.750 | 3.00 |

| MEMBER | TABLE | | | | |
|--------|-----------|-------|--------|-------------------|-------------------|
| | Web Depth | | Plate | Dutside Flange | Inside Flange |
| Mark | Start/End | Thick | Length | W x Thk x Length | W x Thk x Length |
| RF1-1 | 12.0/27.0 | 0.150 | 157.2 | 5 × 3/16" × 180.1 | 5 × 1/4" × 157.9 |
| | 27.0/27.0 | 0.188 | 25.1 | 6 × 3/16" × 34.9 | |
| RF1-2 | 22.0/16.0 | 0.164 | 110.2 | 5 × 3/16" × 108.3 | 5 × 1/4" × 110.3 |
| RF1-3 | 16.0/16.0 | 0.150 | 311.6 | 5 × 1/4" × 391.0 | 5 × 3/16" × 311.6 |
| | 16.0/19.0 | 0.164 | 79.4 | | 5 × 3/8" × 77.9 |
| RF1-4 | 32.0/32.0 | 0.220 | 25,2 | 6 × 3/16" × 39,9 | 5 × 1/4" × 202,4 |
| | | 0.150 | 201.5 | 5 x 3/16" x 226.7 | |



THIS DRAWING IS NOT TO SCALE

| Battle | Ridge Builders | Battle Ridge | Builders | | |
|---------|----------------------|-------------------|----------|-------|-----|
| PROJECT | 48 × 96 | PHONE: 406-599-82 | 211 | | |
| ID | 157950 | RIGID FRAME ELEV | ATION | | |
| | 350 Countryside Lane | DESIGN: Steve | | | NBS |
| ADDRESS | Belgrade, MT 59714 | DATE: 5/27/20 | SHEET 9 | □F 15 | |

