6. BUILDER / CONTRACTOR RESPONSIBILITIES

R & M STEEL COMPANY STANDARDS SPECIFICATIONS APPLY AND R & M STEEL COMPANY DESIGN, FABRICATION, QUALITY CONTROL STANDARDS AND TOLERANCE WILL GOVERN. IN CASE OF CONFLICTS BETWEEN R & M STEEL COMPANY'S PLANS AND PLANS FOR OTHER TRADES R & M STEEL PLANS SHALL GOVERN (SECTION 3.3 ASCI CODE OF STANDARD PRACTICES, LATEST EDITION)

IT IS THE RESPONSIBILITY OF THE BUILDER / CONTRACTOR TO OBTAIN APPROPRIATE APPROVALS AND NEEDED PERMITS FROM LOCAL, COUNTY, STATE, OR FEDERAL AGENCIES AS REQUIRED

APPROVAL OF R & M STEEL COMPANY'S DRAWINGS CONSTITUTES THE BUILDER / CONTRACTOR'S ACCEPTANCE OF R & M STEEL COMPANY'S INTERPRETATION OF THE PURCHASE ORDER. (SECTION 4.3 ASCE CODE OF STANDARD PRACTICES, LATEST EDITION)

THE BUILDER / CONTRACTOR ARE TO BE CONSIDERED AND COORDINATED BY THE CONTRACTOR OR NE FIRM. THE CONTRACTOR OR NE FIRM IS RESPONSIBLE FOR THE GENERAL NOTES

2. DESIGN

A. ALL STRUCTURAL STEEL SECTIONS AND WELDED PLATE MEMBER ARE DESIGNED IN ACCORDANCE WITH ASCE "SPECIFICATIONS FOR DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL BUILDING". ALLOWABLE STRESS DESIGN "LATEST EDITION".

B. ALL COLD FORMED MEMBERS ARE DESIGNED IN ACCORDANCE WITH ASCE "SPECIFICATIONS FOR DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS". LATEST EDITION

C. ALL WELDING OF STRUCTURAL STEEL IS BASED ON AWSG0.1 "STRUCTURAL WELDING CODE" LATEST EDITION.

3. HIGH STRENGTH BOLT CONNECTIONS

A. ALL HIGH STRENGTH BOLTS ARE TYPE ASTM A325 AND ARE TO BE INSTALLED ACCORDING TO THE "SNUG-TIGHT" CONDITIONS AS DEFINED IN THE RCSC SPECIFICATION FOR STRUCTURAL JOINTS USING A325 OR A490 BOLTS, 2004 EDITION - SECTION 6.1, UNLESS OTHERWISE NOTED.

ALSO, NOTE THAT BOLTS IN STANDARD HOLE DO NOT REQUIRE WASHERS PER THE RCSC SPECIFICATION FOR STRUCTURAL JOINTS USING A325 OR A490 BOLTS, SECTION 6 (REFERENCED STEEL CONSTRUCTION ASI MANUAL - THIRTEENTH EDITION)

4. A325 BOLT TIGHTENING REQUIREMENTS

A. ALL HIGH STRENGTH BOLTED CONNECTIONS ARE SUBJECT TO AXIAL TENSION AND OR SLIP CRITICAL. AS SUCH THE BOLTS MUST BE FULLY PRE-TENSIONED AND INSTANCED IN ACCORDANCE WITH THE LATEST EDITION OF THE ASCI SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM-A325 BOLTS AND THE APPLICABLE BUILDING CODE. WASHERS ARE NOT REQUIRED WHEN THE "TURN OF THE NUT" TIGHTENING PROCEDURE IS USED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE PROPER BOLT TIGHTNESS.

5. STRUCTURAL PRIMER

A. ALL STRUCTURAL MEMBERS WILL BE GIVEN ONE COAT OF MANUFACTURER'S STANDARD RUST-INHIBITIVE PRIMER MEETING THE PERFORMANCE REQUIREMENTS OF TT-P-6645. THIS IS NOT A FINISH COAT AND IS NOT INTENDED FOR PROLONGED EXPOSURE TO THE ELEMENTS. REFERENCE ASCI 360-05, CODE OF STANDARD PRACTICE SECTION 6.5.1-6.5.4

THE DESIGN OF THE ANCHOR BOLT EMBEDMENT LENGTH IS THE RESPONSIBILITY OF THE FOUNDATION DESIGN ENGINEER. THE LENGTH PROVIDED BY R & M STEEL IS AN ESTIMATED LENGTH AND SHOULD BE ADJUSTED ACCORDING TO THE FOUNDATION DESIGN.
BOLTS
1/2" x 1" (TYP)
FLANGE
BRACE
RA20
1/2"
CLEARANCE
STEEL LINE

A3 ROOF PURLIN TO ENDWALL RAFTER

(2) BOLTS
1/2" x 1" (TYP)

ROOF PURLIN

TEK SCREW
@ EA. PURLIN

1" x 1" (OS TYP)
BRIDGING ANGLE
AS SHOWN

A1 B1 PURLIN BRIDGING

(4) BOLTS
1/2" x 1" (TYP)

WALL GIRT

ENDWALL RAFTER

ENDWALL COLUMN

LOCATE CLIP BETWEEN 'C' COLUMN WEBS

B3 WALL GIRT BRIDGING

B2 WALL GIRT BRIDGING

B4 ENDWALL COLUMN TO ENDWALL RAFTER

(6) BOLTS
1/2" x 1" (TYP)

CORNER COLUMN TO WALL GIRTS

(6) BOLTS
1/2" x 1" (TYP)

SIDEWALL GIRT TO ENDWALL COLUMN

(6) BOLTS
1/2" x 1" (TYP)

SIDEWALL GIRT

C3 DOUBLE 'C' ENDWALL COLUMN TO GIRTS

C2 DOUBLE 'C' ENDWALL COLUMN TO GIRTS

D1 CORNER COLUMN TO WALL GIRTS

E1 BASE PLATE FOR EW COLUMN

(4) BOLTS
1/2" x 1" (TYP)

ANCHOR BOLT

E2 BASE PLATE FOR EW COLUMN

(4) BOLTS
1/2" x 1" (TYP)

ANCHOR BOLT

(2) CA3

(2) CA3

(6) BOLTS
1/2" x 1" (TYP)

E1 BASE PLATE FOR EW COLUMN

(4) BOLTS
1/2" x 1" (TYP)

ENDWALL COLUMN TO ENDWALL RAFTER

ENDWALL RAFTER

F12 ENDWALL RAFTER SPLICE AT RIDGE

G1 ROOF PURLIN TO INTERIOR RIGID FRAME RAFTER

H1 SIDEWALL GIRT TO INTERIOR FRAME COLUMN

R & M STEEL COMPANY
P.O. Box 580
Caldwell, Idaho 83606
208-454-1800 Fax 208-454-1801
(2) BOLTS
1/2" x 1" (TYP)

RIGID
FRAME
COLUMN

DOOR
JAMB

FLATHEAD
BOLTS

SIDEWALL
GIRT

1/2" x 1" (TYP)

DOOR
JAMB

FRAME
COLUMN

DOOR
JAMB

1/2" x 1" (TYP)

FLATHEAD
BOLTS

SIDEWALL
GIRT

DOOR
JAMB

FLATHEAD
BOLTS

SIDEWALL
GIRT

5/8" E.H.S. CABLE WITH 1 1/4" EYEBOLT
3/8" E.H.S. CABLE WITH 3/4" EYEBOLT
5/16" E.H.S. CABLE WITH 5/8" EYEBOLT
1/4" E.H.S. CABLE WITH 1/2" EYEBOLT

5/8" E.H.S. CABLE WITH 1 1/4" EYEBOLT
3/8" E.H.S. CABLE WITH 3/4" EYEBOLT
5/16" E.H.S. CABLE WITH 5/8" EYEBOLT
1/4" E.H.S. CABLE WITH 1/2" EYEBOLT

SIDEBALL GIRT TO INTERIOR FRAME COLUMN & DOOR JAMBS

DIAGONAL CABLE, EYEBOLT END

FLAT WASHER

HILLSIDE WASHER

NUT

EYEBOLT

SLOT IN WEB TO INSERT HILLSIDE WASHER & EYEBOLT

COLUMN OR RAFTER WEB

FLAT HEAD BOLTS

1/2" x 1" (TYP)

ENDWALL RAFTER

X-BRACE CABLE & BRACE GRIP

ENDWALL RAFTER

X-BRACE CABLE & BRACE GRIP

3HX A

(2) CA3

ENDWALL COLUMN

EAVE STRUT TO ENDWALL RAFTER

EAVE STRUT TO RIGID FRAME COLUMN & DOOR JAMBS

EAVE STRUT TO RIGID FRAME COLUMN @ INTERIOR BAYS

DOOR JAMB TO EAVE STRUT w/ A-1 SUPPORT

SECTION THRU WALL PANEL AND CONCRETE FOUNDATION

FIELD DRILL (AS REQ'D)

FIELD FIT (AS REQ'D)

FIELD LOCATE WALK DOORS, 'MNOOWS, AND LOUVERS (AS REQ'D)

FIELD FIT "MNDSTRUT (AS REQ'D)

FIELD CUT 3'-4" ELEV. GIRT AND TEK TO 8 1/4" WALK DOOR JAMB

FIELD FIT FLANGE BRACES AS REQ'D

LAP BRIDGE ANGLE 1", USE (2) 12-14 x 1" TEKS

LAP RAKE ANGLE 1", USE (2) 12-14 x 1" TEKS

FIELD NOTES

FORMAT IS BDDxWTHH

B WELDED MEMBER TYPE

D1 MEMBER DEPTH IN INCHES

W FLANGE WIDTH IN INCHES

T FLANGE THICKNESS IN 1/16" INCH UNITS

HH WEB THICKNESS IN DECIMAL INCH UNITS

NOTE: USE SINGLE CEE FOR DOOR WIDTHS UP TO AND INCLUDING 19'-0"
NOTE: ALL BOLTS w/ EXPOSED HEADS USE 1/2" x 1" FLATHEAD BOLTS

S.S.O.H. DOOR DETAIL

ANTI-ROLL CLIP DETAIL

NOTE: USE SINGLE CEE FOR DOOR WIDTHS UP TO AND INCLUDING 19'-0"
NOTE: ALL BOLTS w/ EXPOSED HEADS USE 1/2" x 1" FLATHEAD BOLTS

BUILT-UP NOTES

ARC8

FIELD NOTES

FORMAT IS BDDxWTHH

B WELDED MEMBER TYPE

D1 MEMBER DEPTH IN INCHES

W FLANGE WIDTH IN INCHES

T FLANGE THICKNESS IN 1/16" INCH UNITS

HH WEB THICKNESS IN DECIMAL INCH UNITS

NOTE: USE SINGLE CEE FOR DOOR WIDTHS UP TO AND INCLUDING 19'-0"
NOTE: ALL BOLTS w/ EXPOSED HEADS USE 1/2" x 1" FLATHEAD BOLTS

BUILT-UP NOTES

ARC8

ANTI-ROLL CLIP DETAIL
ENDWALL FRAMING: GRID 6

ENDWALL FRAMING: GRID 1
NOTE: FIELD NOTCH PANEL AND SLIDE HEADER TRIM BEHIND PANEL AS REQ.
CAULKING (BY OTHERS)

HEADER TRIM DETAIL

NOTE: FIELD NOTCH PANEL AND SLIDE SILL TRIM BEHIND PANEL AS REQ.
CAULKING (BY OTHERS)

SILL TRIM DETAIL

NOTE: FIELD NOTCH PANEL AND SLIDE JAMB TRIM BEHIND PANEL AS REQ.

JAMB TRIM DETAIL

FRAMED OPENING DETAIL FOR OVERHEAD DOOR OR WALK DOOR

FRAMED OPENING DETAIL FOR WINDOW OR LOUVER WITH SILL
ENDWALL SHEETING: GRID 6
PANELS: 26 Ga. PBR – Sandstone Beige

ENDWALL SHEETING: GRID 1
PANELS: 26 Ga. PBR – Sandstone Beige