Refer to Section 4.14 for standard Spandrel Beam Details

**A: SIDEWALL STRUCTURAL CONDITIONS**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LA0010</td>
<td>Non-Parapet, Purlin Bldg., Eave Strut on top of Masonry</td>
</tr>
<tr>
<td>LA0020</td>
<td>Non-Parapet, Purlin Bldg., Eave Strut inside of Masonry</td>
</tr>
<tr>
<td>LA0030</td>
<td>Non-Parapet, Joist Bldg., Eave Strut on top of Masonry</td>
</tr>
<tr>
<td>LA0040</td>
<td>Non-Parapet, Joist Bldg., Eave Strut on top of Masonry</td>
</tr>
<tr>
<td>LA0050</td>
<td>Parapet, Purlin Bldg.</td>
</tr>
<tr>
<td>LA0060</td>
<td>Parapet, Joist Bldg.</td>
</tr>
</tbody>
</table>

**B: ENDWALL STRUCTURAL CONDITIONS**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LB0010</td>
<td>Non-Parapet, Purlin Bldg.</td>
</tr>
<tr>
<td>LB0020</td>
<td>Non-Parapet, Joist Bldg.</td>
</tr>
<tr>
<td>LB0030</td>
<td>Parapet, Purlin Bldg.</td>
</tr>
<tr>
<td>LB0040</td>
<td>Parapet, Joist Bldg.</td>
</tr>
</tbody>
</table>

**C: SIDEWALL SHEETING CONDITIONS**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC6010</td>
<td>Non-Parapet, Joist Bldg., CFR by NBS, Eave Strut on top of Masonry</td>
</tr>
<tr>
<td>LC6020</td>
<td>Non-Parapet, Purlin Bldg., CFR by NBS, Eave Strut inside of Masonry</td>
</tr>
<tr>
<td>LC6030</td>
<td>Non-Parapet, Purlin Bldg., Roof not by NBS, Eave Strut on top of Masonry</td>
</tr>
<tr>
<td>LC6040</td>
<td>Non-Parapet, Purlin Bldg., Roof not by NBS, Eave Strut on top of Masonry</td>
</tr>
<tr>
<td>LC6050</td>
<td>Parapet, Purlin Bldg., CFR by NBS</td>
</tr>
<tr>
<td>LC6060</td>
<td>Parapet, Purlin Bldg., Roof not by NBS</td>
</tr>
<tr>
<td>LC6070</td>
<td>Parapet, Joist Bldg., CFR by NBS</td>
</tr>
<tr>
<td>LC6080</td>
<td>Parapet, Joist Bldg., Roof not by NBS</td>
</tr>
</tbody>
</table>

**D: ENDWALL SHEETING CONDITIONS**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD6010</td>
<td>Non-Parapet, Purlin Bldg., CFR by NBS</td>
</tr>
<tr>
<td>LD6020</td>
<td>Non-Parapet, Joist Bldg., CFR by NBS</td>
</tr>
<tr>
<td>LD6030</td>
<td>Non-Parapet, Purlin Bldg., Roof not by NBS</td>
</tr>
<tr>
<td>LD6040</td>
<td>Non-Parapet, Joist Bldg., Roof not by NBS</td>
</tr>
<tr>
<td>LD6050</td>
<td>Parapet, Purlin Bldg., CFR by NBS</td>
</tr>
<tr>
<td>LD6060</td>
<td>Parapet, Joist Bldg., CFR by NBS</td>
</tr>
</tbody>
</table>
LD6070 – Parapet, Purlin Bldg., Roof not by NBS.........................................................27
LD6080 – Parapet, Joist Bldg., Roof not by NBS..........................................................28

E. SPANDREL BEAM CONNECTION DETAILS..................................................................................29
   LE0010 – Spandrel Beam to Column Connection .........................................................29
   LE0020 – Spandrel Beam to Wall Connection (With Expansion Anchors)..............30
   LE0030 – Spandrel Beam to Wall Connection (Welded to Embedded Plate) ....31
   LE0040 – Spandrel Joist to Column Connection ....................................................32
   LE0050 – Spandrel Joist to Wall Connection (Welded to Embedded Plate) .......33

F: SPANDREL GIRT ATTACHMENT DETAILS.................................................................................34
   LF0010 – Partial Height Masonry (Hot-Rolled Cee Girt on top of Wall).................34

G: SHEAR WALL DETAILS.............................................................................................................35
   LG0010 – Partial Height Masonry (Cold-Formed Cee Girt on top of Wall)...........35
   LG0020 – Partial Height Masonry (Cold-Formed Zee Girt on top of Wall) ........36

Refer to Section 4.14 for standard Spandrel Beam Details
A: SIDEWALL STRUCTURAL CONDITIONS

LA0010 – NON-PARAPET, PURLIN BLDG., EAVE STRUT ON TOP OF MASONRY

NON-LOAD BEARING FULL HGT. MASONRY

NON-PARAPET: PURLIN ROOF, EAVE STRUT ON TOP OF MASONRY

LA0010
LA0020 – NON-PARAPET, PURLIN BLDG., EAVE STRUT INSIDE OF MASONRY

NON-LOAD BEARING FULL HGT. MASONRY
NON-PARAPET: PURLIN ROOF, EAVE STRUT INSIDE OF MASONRY

LAST REVISION
DATE: 02/16/15
BY: AK CHK: EGB

DETAIL NAME IF APPLICABLE
LA0020.DWG

4.10.4
LA0030 – NON-PARAPET, JOIST BLDG., EAVE STRUT ON TOP OF MASONRY

ROOF JOIST

EAVE STRUT

EAVE HEIGHT

MASONRY WALL

SPANDREL BEAM

CLIP MK# (NS & FS) WITH ( ) 3/4" X 3" A325

RAFTER

STEEL LINE

BUILDING WIDTH

COLUMN

NON-LOAD BEARING FULL HGT. MASONRY

NON-PARAPET: JOIST ROOF, EAVE STRUT ON TOP OF MASONRY

LA0030
LA0040 – NON-PARAPET, JOIST BLDG., EAVE STRUT ON TOP OF MASONRY

**Diagram Description:**
- Eave Height
- Roof Joist
- Eave Strut
- Rafter
- Spandrel Beam
- Notch Masonry Around Gusset
- Masonry Wall
- Clip MK# (NS & FS) with ( ) 3/4" x 3" A325
- Steel Line
- Building Width
- Column

**Textual Description:**
NON-LOAD BEARING FULL HGT. MASONRY

NON-PARAPET: JOIST ROOF, EAVE STRUT INSIDE OF MASONRY

**Revision Information:**
- Last Revision Date: 02/16/15
- By: AK
- Check: EGB

**Detail Name if Applicable:**
LA0040.DWG

**Revision:** 4.10.6
LA0050 – PARAPET, PURLIN BLDG.

MASONRY FASTENER (NOT BY NUCOR)
CONTINUOUS SUPPORT ANGLE MK. MAR02
PARAPET GUTTER
MASONRY WALL
LINER FOR PARAPET GUTTER IS NOT BY NBS

STEEL LINE
BUILDING WIDTH
EAVE HEIGHT

4.10.7

PURLIN
EAVE STRUT
SPANDREL BEAM

CLIP MK# (NS & FS) WITH ( ) 3/4” X 3” A325

RAFTER
COLUMN

DETAIL NAME IF APPLICABLE
LA0050

NON-LOAD BEARING FULL HGT. MASONRY
PARAPET: PURLIN ROOF

*DETAILER NOTE:
ALLOW CLEARANCE FOR DOWNSPOUTS TO ELBOW AROUND SPANDRELS
LA0060 – PARAPET, JOIST BLDG.

NOTE: PARAPET GUTTER WILL NEED TO BE NOTCHED AND "SADDLED" AROUND THE FRAMES. (SADDLES NOT BY NUCOR)

MASSONRY WALL

CONTINUOUS SUPPORT ANGLE MK. MAR02

PARAPET GUTTER

MASSONRY FASTENER
(NOT BY NUCOR)

EAVE HEIGHT

LINER FOR PARAPET GUTTER IS NOT BY NBS

STEEL LINE

BUILDING WIDTH

COLUMN

RAFTER

SPANDREL BEAM

CLIP MK# (NS & FS) WITH ( ) 3/4" X 3" A325

ROOF JOIST

PARAPET: JOIST ROOF

NON-LOAD BEARING FULL HGT. MASONRY

LA0060
B: EN DWALL STRUCTURAL CONDITIONS

LB0010 – NON-PARAPET, PURLIN BLDG.

NON-LOAD BEARING MASONRY WALL DETAIL
NON-PARAPET: PURLIN ROOF

LB0010
LB0020 – NON-PARAPET, JOIST BLDG.

Non-Load Bearing Masonry Wall Detail

Non-Parapet: Joist Roof

LB0020
LB0030 – PARAPET, PURLIN BLDG.

RAKE ANGLE MK.

MAXIMUM 2 1/4" HORIZONTAL ANGLE LEG

RAFTER

PURLIN

FLANGE BRACE

COLUMN

SPANDREL BEAM

1"

STEEL LINE

BUILDING LENGTH

NON-LOAD BEARING MASONRY WALL DETAIL

PARAPET: PURLIN ROOF

LB0030
LB0040 – PARAPET, JOIST BLDG.

NON-LOAD BEARING MASONRY WALL DETAIL

PARAPET: JOIST ROOF

LAST REVISION
DATE: 02/16/15
BY: AK CHK: EGB

DETAIL NAME IF APPLICABLE
LB0040.DWG

LAST REVISION
DATE: 02/16/15
BY: AK CHK: EGB

DETAIL NAME IF APPLICABLE
LB0040.DWG

4.10.12
C: SIDEWALL SHEETING CONDITIONS

LC6010 – NON-PARAPET, JOIST BLDG., CFR BY NBS, EAVE STRUT ON TOP OF MASONRY

Panel Void Closure H2630 with (1) H1030
8” Precut Tape Mastic H3640
(8) H1030 in panel flat only,
2 1/2” O.C. max.
H1050
8” Precut Tape Mastic Mk.
H3640 (between bracket
and panel, directly under
fasteners) shown N.S.

Non-Load Bearing Full Hgt. Masonry
Non-Parapet: CFR by NBS, Eave Strut on Top of Masonry

LC6010

Last Revision
Date: 02/16/15
By: AK CHK: EGB

Detail Name if Applicable

LC6010.DWG

4.10.13
LC6020 – NON-PARAPET, PURLIN BLDG., CFR BY NBS, EAVE STRUT INSIDE OF MASONRY

FACE OF MASONRY

5 1/4"

1 1/2"

H2640 GUTTER HANGER 2'-0" O.C.

1 1/2" TAPE MASTIC H3001

1/2" TAPE MASTIC H3010

H1050 (4 PER PANEL) SPACED EQUALLY

H1050

EAVE PLATE MK. EPC

GUTTER MK. GTA

MASONRY FASTENER (NOT BY NUCOR)

MASONRY WALL

STEEL LINE

BUILDING WIDTH

EAVE STRUT

COLUMN

PANEL VOID CLOSURE H2630 WITH (1) H1030 8" PRECUT TAPE MASTIC H3640

(8) H1030 IN PANEL FLAT ONLY, 2 1/2" O.C. MAX.

H1050 8" PRECUT TAPE MASTIC MK. H3640 (BETWEEN BRACKET AND PANEL, DIRECTLY UNDER FASTENERS) SHOWN N.S.

NON-LOAD BEARING FULL HGT. MASONRY
NON-PARAPET: CFR BY NBS, EAVE STRUT INSIDE OF MASONRY

LC6020

LAST REVISION
DATE: 02/16/15
BY: AK  CHK: EGB

DETAIL NAME IF APPLICABLE

LC6020.DWG

4.10.14
LC6030 – NON-PARAPET, PUR LIN BLDG., ROOF NOT BY NBS, EAVE STRUT ON TOP OF MASONRY

ROOF LINE TRIM, ROOF MEMBRANE & INSULATION TO WALL, NOTCH

TRIM (NOT BY NUCOR)

EAVE STRUT (NOT ATTACHED TO WALL, NOTCH MASONRY AT COLUMN)

MASONRY WALL

ROOF DECK (BY NUCOR)

COLUMN

STEEL LINE

BUILDING WIDTH

NON-LOAD BEARING FULL HGT. MASONRY

NON-PARAPET: ROOF NOT BY NBS, EAVE STRUT ON TOP OF MASONRY

LC6030
LC6040 - NON-PARAPET, PURLIN BLDG., ROOF NOT BY NBS, EAVE STRUT ON TOP OF MASONRY

ROOF LINE TRIM, ROOF MEMBRANE, & INSULATION (NOT BY NUCOR)

ROOF SYSTEM (NOT BY NUCOR)

TOP OF EAVE

MASONRY WALL

EAVE STRUT

COLUMN

STEEL LINE
BUILDING WIDTH

NON-LOAD BEARING FULL HGT. MASONRY

NON-PARAPET: ROOF NOT BY NBS, EAVE STRUT INSIDE OF MASONRY

LC6040

LAST REVISION
DATE: 02/16/15
BY: AK CHK: EGB

DETAIL NAME IF APPLICABLE

LC6040.DWG

4.10.16
LC6050 – PARAPET, PURLIN BLDG., CFR BY NBS

DETAIL NAME IF APPLICABLE
LC6050.DWG

NON-LOAD BEARING FULL HGT. MASONRY
PARAPET: CFR BY NBS, PURLIN ROOF
LC6060 – PARAPET, PURLIN BLDG., ROOF NOT BY NBS

Non-Load Bearing Full Hgt. Masonry

Parapet: Roof Not by NBS, Purlin Roof

LC6060
LC6070 – PARAPET, JOIST BLDG., CFR BY NBS

END OF PANEL

2 1/2” INSIDE FACE OF PARAPET GUTTER

PANEL VOID CLOSURE H2630
WITH (1) H1030
8” PRECUT TAPE MASTIC H3640

(8) H1030 IN PANEL FLAT
ONLY, 2 1/2” O.C. MAX.

1 1/2” TAPE MASTIC H3001

INSULATION RETAINER
H2200 – 12” O.C.

1 1/2” TAPE MASTIC H3001

H1070
(6” O.C.)

H1020
(6” O.C.)

JOIST

OUTLET AND DOWNSPOUT N.I.C.

COLUMN

PARAPET GUTTER MUST BE NOTCHED
AND “SADDLED” AROUND THE FRAMES.
(SADDLES ARE NOT BY NUCOR)

NON-LOAD BEARING FULL HGT. MASONRY

PARAPET: CFR BY NBS, JOIST ROOF

LC6070

LAST REVISION
DATE: 02/16/15
BY: AK  CHK: EGB

DETAIL NAME IF APPLICABLE
LC6070.DWG

4.10.19
LC6080 – PARAPET, JOIST BLDG., ROOF NOT BY NBS

PARAPET GUTTER MUST BE NOTCHED AND "SADDLED" AROUND THE FRAMES. (SADDLES ARE NOT BY NUCOR)

PARAPET: ROOF NOT BY NBS, JOIST ROOF

LC6080
D: ENDWALL SHEETING CONDITIONS

LD6010 – NON-PARAPET, PURLIN BLDG., CFR BY NBS

*NOTE:
KEEP FASTENER A MINIMUM OF 2" AWAY FROM ANY RAKE CLIP. DO NOT FASTEN THROUGH RAKE CLIP.

H1020 (24" O.C.)
RAKE ANGLE MK. MAR02
EAVE HEIGHT
TOP PURLIN
RAKE TRIM MK. RTA
VARES WITH ROOF SLOPE
MASONRY FASTENERS (NOT BY NUCOR)
RAKE TRIM RETAINER
MASONRY WALL (NOT BY NUCOR)
RAFTER
STEEL LINE BUILDING LENGTH

3/4” TAPE MASTIC MK. H3000 BETWEEN "CFR" ROOF & RAKE ANGLE H1030 (4" O.C.)
2 1/4” TAPE MASTIC MK. H3020 BETWEEN TRIM & "CFR" ROOF

START/FINISH PANEL
BACK OF RAKE ANGLE

1/2” OR 1 1/2”

"CFR" ROOF

3" END OF PURLIN
RAKE ANGLE CLIP MK. H2041 (SHORT) MK. H2051 (TALL)

H1020 (2 PER CLIP)
PURLIN
FLANGE BRACE
COLUMN

NON–LOAD BEARING MASONRY WALL DETAIL

NON–PARAPET: CFR BY NBS, PURLIN ROOF

LD6010
**LD6020 – NON-PARAPET, JOIST BLDG., CFR BY NBS**

*NOTE: KEEP FASTENER A MINIMUM OF 2" AWAY FROM ANY RAKE CLIP, DO NOT FASTEN THROUGH RAKE CLIP.*

- **H1020 (24" O.C.)**
- **3/4" TAPE MASTIC MK. H3000 BETWEEN "CFR" ROOF & RAKE ANGLE**
- **H1030 (4" O.C.)**
- **2 1/4" TAPE MASTIC MK. H3020 BETWEEN TRIM & "CFR" ROOF**

**EAVE HEIGHT**
- **TOP/JOIST**
- **RAKE TRIM**
  - **MK. RTA**

**RAKE ANGLE**
- **MK. MAR02**

**RAKE ANGLE CLIP**
- **MK. H2041 (SHORT)**
- **MK. H2051 (TALL)**

**RAFTER**
- **H1070 (2 PER CLIP)**
- **FLANGE BRACE**
- **COLUMN**
- **JOIST**

**STEEL LINE**
- **BUILDING LENGTH**

**NON-LOAD BEARING MASONRY WALL DETAIL**

**NON-PARAPET: CFR BY NBS, JOIST ROOF**

**LAST REVISION**
- **DATE:** 02/16/15
- **BY:** AK  CHK: EGB
LD6030 – NON-PARAPET, PURLIN BLDG., ROOF NOT BY NBS

NON-LOAD BEARING MASONRY WALL DETAIL

NON-PARAPET: ROOF NOT BY NBS, PURLIN ROOF

LD6030
LD6040 – NON-PARAPET, JOIST BLDG., ROOF NOT BY NBS

ROOF LINE TRIM, ROOF MEMBRANE, & INSULATION (BY NUCOR)

ROOF DECK (BY NUCOR)

EAVE HEIGHT
TOP/JOIST
5"

MASONRY WALL (NOT BY NUCOR)

VARIES WITH ROOF SLOPE

1"

STEEL LINE
BUILDING LENGTH

NON–LOAD BEARING MASONRY WALL DETAIL

NON–PARAPET: ROOF NOT BY NBS, JOIST ROOF

LD6040
LD6050 – PARAPET, PURLIN BLDG., CFR BY NBS

**Non-Load Bearing Masonry Wall Detail**

Parapet: CFR by NBS, Purlin Roof

*Note: Keep fastener a minimum of 2" away from any rake clip. Do not fasten through rake clip.*
**NON-LOAD BEARING MASONRY WALL DETAIL**

Parapet: CFR by NBS, Joist Roof

**LD6060**
LD6070 – PARAPET, PURLIN BLDG., ROOF NOT BY NBS

NON-LOAD BEARING MASONRY WALL DETAIL

PARAPET: ROOF NOT BY NBS, PURLIN ROOF
LD6080 – PARAPET, JOIST BLDG., ROOF NOT BY NBS

ROOF LINE TRIM, ROOF MEMBRANE, & INSULATION (NOT BY NUCOR)

ROOF DECK (BY NUCOR)

FAVE HEIGHT
TOP/JOIST

VARIES WITH ROOF SLOPE

MASONRY WALL (NOT BY NUCOR)

STEEL LINE
BUILDING LENGTH

1"

NON-LOAD BEARING MASONRY WALL DETAIL

PARAPET: ROOF NOT BY NBS, JOIST ROOF

LD6080
E. SPANDREL BEAM CONNECTION DETAILS

LE0010 – SPANDREL BEAM TO COLUMN CONNECTION

STEEL LINE AND
OUTSIDE FACE OF PRECAST

PRECAST WALL (NOT BY NBS)

SPANDREL BEAM

CLIP MK. _____ (NS & FS)
WITH ( ) 3/4” x 2 3/4”
A325 BOLTS AND NUTS

NO BOLT REQUIRED
AT THIS LOCATION

±45°

COLUMN

FLANGE BRACE

ERECTION BOLT PROVIDED
TO ALLOW INDEPENDENT
SETTING OF BEAMS.

CLIP MK. _____ (NS & FS)
WITH ( ) 3/4” x 2 3/4”
A325 BOLTS AND NUTS

NON–LOAD BEARING MASONRY

SPANDREL BEAM TO COLUMN CONNECTION

LE0010
LE0020 – SPANDREL BEAM TO WALL CONNECTION (WITH EXPANSION ANCHORS)

SPANDREL BEAM

SPANDREL BEAM ELEVATION(S)

ATTACHMENT OF THE BEAM TO THE WALL FOR LATERAL STABILITY SHOULD BE SPACED AT NO GREATER THAN 4'-0" ON CENTER. CONNECTION DESIGN AND METHOD OF ATTACHMENT ARE BY OTHERS.

MASONRY WALL (NOT BY NUCOR)

OUTSIDE FACE OF MASONRY AND STEEL LINE

BEAM DEPTH GREATER THAN 12"

FLANGE BRACE MK. FB___ WITH (2) 1/2" x 2" A325 BOLTS (MK. H0603) NUTS (MK. H0300) WASHERS (MK. H0200)

MASONRY WALL CLIP MK. FBM01 WITH 1/2" DIAMETER EXPANSION BOLTS INTO MASONRY BY OTHERS

SPANDREL BEAM TO NON-LOAD BEARING MASONRY WALL DETAIL

LE0020

SPANDREL BEAM DEPTH GREATER THAN 12"
LE0030 – SPANDEL BEAM TO WALL CONNECTION (WELDED TO EMBEDDED PLATE)

Attachment of the beam to the wall for lateral stability should be spaced at no greater than 4'-0" on center. Connection design and method of attachment are by others.

SPANDEL BEAM ELEVATION(S)

SPANDEL BEAM

PRECAST OR TILT-UP WALL (NOT BY NUCOR)

OUTSIDE FACE OF WALL AND STEEL LINE

BEAM DEPTH GREATER THAN 12"

WELD DETERMINED BY OTHERS

FLANGE BRACE MK. FB____ WITH (2) 1/2" x 2" A325 BOLTS (MK. H0603) NUTS (MK. H0300) WASHERS (MK. H0200)

MASONRY WALL CLIP MK. FBM01 WITH 1/2" DIAMETER EXPANSION BOLTS INTO MASONRY BY OTHERS

SPANDEL BEAM TO PRECAST OR TILT-UP WALL DETAIL

SPANDEL BEAM DEPTH GREATER THAN 12"

LE0030
LE0040 – SPANDREL JOIST TO COLUMN CONNECTION

SPANDREL JOIST

FLANGE BRACING

(4) 1/2” x 2” A325 BOLTS (MK. H0603) AND NUTS (MK. H0400)

COLUMN

MASSONRY WALL
(NOT BY NUCOR)

CENTERLINE
OF COLUMN

1/4"

1/4"

STEEL LINE AND
OUTSIDE FACE OF MASONRY

NON-LOAD BEARING MASONRY
SPANDREL JOIST TO COLUMN CONNECTION

LE0040
LE0050 – SPANDREL JOIST TO WALL CONNECTION (WELDED TO EMBEDDED PLATE)

*STANDARD ANGLE ATTACHMENT IS ABOVE THE SPANDREL JOIST. ALTERNATE DETAIL IS TO PLACE THE ANGLE BELOW THE JOIST

SPANDREL JOIST ELEVATION(S)

*STANDARD ANGLE BRACE (AT 1/3 POINTS AND AT EACH END)

SPANDREL JOIST

OPTIONAL

PRECAST WALL (NOT BY NUCOR)

STEEL LINE AND OUTSIDE FACE OF PRECAST

NON-LOAD BEARING MASONRY

SPANDREL JOIST TO WALL (WELDED TO EMBEDDED PLATE) LE0050
F: SPANDREL GIRT ATTACHMENT DETAILS

LF0010 – PARTIAL HEIGHT MASONRY (HOT-ROLLED CEE GIRT ON TOP OF WALL)

GIRT CLIP MK. GCM__ (SEE BELOW FOR MARK NUMBER)

HOT-ROLLED GIRT WITH SHOP-WELDED PLATES

ATTACHMENT TO WALL AT 5'-0" O.C. MAXIMUM
(ANCHORS NOT BY NBS) (FIELD DRILL GIRT AS REQ'D)

USE (2) 1/2" x 2" A325 BOLTS H0603/ NUTS H0300
(CLIP TO FLANGE CONNECTION)

SECTION A

BU OR HR COLUMN

STEEL LINE AND OUTSIDE FACE OF MASONRY

HOT-ROLLED GIRT (TYPICAL)

3/4" 3/4" 3/4" 3/4"

GIRT CLIP
MK. GCM01 AT 8"
MK. GCM02 AT 10"

CENTERLINE OF COLUMN

NON SELF-SUPPORTING MASONRY

PARTIAL HEIGHT MASONRY (HOT-ROLLED GIRT ON TOP OF WALL)
USE (4) 1/2" x 1 1/4" A307 BOLTS (H0500) & NUTS (H0400)
REFERENCE EFFECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

LF0010
G: SHEAR WALL DETAILS

LG0010 – PARTIAL HEIGHT MASONRY (COLD-FORMED CEE GIRT ON TOP OF WALL)

STEEL LINE AND OUTSIDE FACE OF MASONRY

USE (2) 1/2” x 2” A325 BOLTS HO603/ NUTS HO300 (CLIP TO FLANGE CONNECTION)

CLIP MK. GCM_

(2) CLIPS MK. JCP_

COLD-FORMED CEE GIRT (DESIGNED WITH TRIBUTARY AREA FROM WALL SHEETING ONLY)

COLUMN

TIE-CLIP FIELD WELDED OR BOLTED AT COLUMNS ONLY. (CLIP NOT BY NBS)

SELF-SUPPORTING WALL

STANDARD DETAIL FOR SELF-SUPPORTING MASONRY

PARTIAL HEIGHT MASONRY (BASE CEE ON TOP OF WALL)

USE (4) 1/2” x 1 1/4” A307 BOLTS (HO500) NUTS (HO400)


LG0010.DWG
LG0020 – PARTIAL HEIGHT MASONRY (COLD-FORMED ZEE GIRT ON TOP OF WALL)

STEEL LINE AND OUTSIDE FACE OF MASONRY

GIRT CLIP MK.: GCW08 @ 8” GIRTS
GCW10 @ 10” GIRTS
GCB11 @ 12” GIRTS

GIRTS TO BE ERECTED PRIOR TO MASONRY
COLD-FORMED ZEE GIRT (DESIGNED WITH TRIBUTARY AREA FROM WALL SHEETING ONLY)
COLUMN

TIE-CLIP FIELD WELDED OR BOLTED AT COLUMNS ONLY. (CLIP NOT BY NBS)

SELF-SUPPORTING WALL

OPTIONAL DETAIL FOR SELF-SUPPORTING MASONRY
PARTIAL HEIGHT MASONRY (BASE ZEE ON TOP OF WALL)
USE (4) 1/2” x 1 1/4" A307 BOLTS (H0500) NUTS (H0400)
REFERENCE REFEREE NOTE FOR TYPICAL WASHER REQUIREMENTS

LG0020

LAST REVISION DATE: 02/16/15
BY: AK CHK: EGB

DETAIL NAME IF APPLICABLE

LG0020.DWG

4.10.36