VALLEY STEEL CONSTRUCTION INC.

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<u>(5)</u>

4

3-

2

WALL SHEETING

EAVE FLASH NOT SHOWN FOR CLARITY. (SEE ERECTION DRAWING LOW EAVE DETAIL FOR FASTENER REQUIREMENTS AND PART NUMBERS)

EAVE STRUT

SUPPLIED @ 1'-0" O.C. FOR INSULATION TIE-OFF

GIRT BLOCKING AS

DESCRIBED IN BUILDING AND PANEL PREPARATION STEP 2 (NOT BY METAL

ALL INSULATION

GA0000 - WALL SHEETING GENERAL NOTES

Download the DWG file by clicking here.

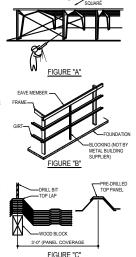
BUILDING & PANEL PREPARATION

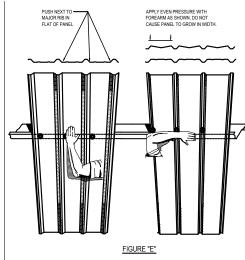
STEP 1: PLUMB AND SQUARE
THE FIRST STEP IN THE SUCCESSFUL INSTALLATION OF WALL THE PROST STEP IN THE PRIMARY FRANING PLUMB AND SQUARE FOR BOX TRANS. IS TO HAVE THE PRIMARY FRANING PLUMB AND SQUARE FOR BOX TRANS. IT IS RECOMMENDED THAT A TRANSIT BE LUSED WHICH EMECTING THE STRUCTURAL STEEL MAKE SUKE HART THE FOUNDATION AND BUILDING STRUCTURES IS SQUARE. LEVEL, AND CORRECT TO THE OUT-TO-OUT STEEL LINE DIMENSIONS.

SEE FOUNDE SY

SITE 2. GRT BLOCKING
BLOCK GRITS TO 'LEVEL' POSITION BEFORE STARTING THE
WALL SHEETING OR INSULATION. CHECK TO BE SURE THAT
THE EAVE STRUT AND GRITS ARE STRAIGHT AND FLUMS. TO
HELGEN THE GRITS, CUT TEMPORARY WOOD BLOCKING TO THE
PROPER LENGTH AND INSTALL BETWEEN THE LINES OF
GRITS. THIS BLOCKING CAN BE MOVED FROM BAY TO BAY
WHICH WILL REDUCE THE MAMBER OF FRECE REQUIRED.
SUFFICIENT BUT WOER BAYS MAY REQUIRE MORE IT IS
RECOMMENDED TO BLOCK AT LEAST TWO BAYS AND LEAF
FROOT THE BLOCKING AS A BAY IS SHEETED. BLOCKING
SHOULD NOT BE REMOVED UNTIL THE FULL BAY HAS BEEN
SHEETED. SEE FIGURE "B"

STEP 3: PRE-DRILL PANEL LAP
STACK PARELS WHITE BUSING ON A LEVEL PLACE ON THE
GROUND IN PLES NOT EXCEEDING 10 PANELS. THEN PLACE
SMALL WOODEN BLOCKS UNDER SIDE-LAPPING EDGE OF
STACK OF PANELS TO HOLD THEM AT CORRECT HEIGHT AND
POSITION WHILE DRILLING FASTENER HOLES. HOLD PANELS
CHREFULLY MARK POSITIONS FOR SIDE-LAP PASTENERS ON
PORT OF HOR HIS PASTENERS ON THE STEP OF HOLD PANELS
CAREFULLY MARK POSITIONS FOR SIDE-LAP FASTENERS ON
THE OF HOR HIS PASTENERS ON THE STEP OF HOLE BLOCKTED
STEP OF HIS PASTENERS ON THE STEP OF HIS PASTENERS ON
THE OF HIS PASTENERS ON THE STEP OF SIDE-LAP
BE SURF PANELS ARR WELL IN ESTED BEFORE DRILLING.
SEE FIGURE "C"





FIELD CUTTING PANELS

WHEN FIELD CUTTING OR MITERING WALL PANELS, NON-ABRASIVE CUTTING TOOLS SUCH AS NIBBLERS OR TIN-SNIP SHALL BE USED. ABRASINE CUTTING TOOLS SUCH AS MECHANICAL GRINDERS OR POWER SAWS CAN DAMAGE THE MATERIAL FIRINS AND CREATE EXCESS METAL SHAVINGS THAT CAN CORRODE THE PANELS. THE USE OF NON-APPROVED CUTTING DEVICES MAY VOID THE FACTORY WARRANTY.

ANY METAL SHAVINGS THAT ARE CREATED NEED TO BE CLEANED FROM THE PANEL TO PREVENT SCRATCHING AND/OR CORROSION. THE MANUFACTURER WILL NOT ACCEPT CLAIMS FOR DAMAGE/DETERIORATION DUE TO USE OF UNAPPROVED TOOLS.

FASTENER INSTALLATION

RECOMMENDED TOOL TYPES: SEE ALSO FASTENER SCHEDULE
4 AMP OR HIGHER RATED TOOLS (DO NOT USE IMPACTING TOOLS)

2000 - 2500 RPM SCREW GUN WITH TORQUE ADJUSTABLE CLUTCH MANUAL OR ELECTRIC RIVET TOOL

 $\underline{\text{DO NOT USE IMPACTING TOOLS}}$ TO ASSURE PROPER VOLTAGE TO THE TOOL, EXTENSION CORDS SHOULD BE CHECKED FOR PROPER WIRE

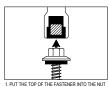
HORD LENGTH. 16 GAGE WIRE, MAXIMUM CHORD LENGTH = 100' 14 GAGE WIRE, MAXIMUM CHORD LENGTH = 200' 12 GAGE WIRE, MAXIMUM CHORD LENGTH = 300'

<u>DRIVING TIPS:</u>
SET THE NUT DRIVER AS DESCRIBED BELOW PRIOR TO INSTALLING FASTENERS TO PREVENT FASTENER WOBBLE...

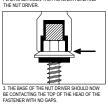
COMPRESS THE INSULATION AT FASTENER LOCATION WITH ONE HAND WHILE DRIVING THE FASTENER WITH THE OTHER. THIS WILL HELP KEEP THE PANEL FLAT AND PREVENT THE FASTENER FROM "WALKING". DRIVE FASTENERS PERFENDICULAR TO PANEL SURFACE.

EXCESSIVE PRESSURE CAN CAUSE DRILL POINT FAILURE. LET THE FASTENER DO THE WORK.

DO NOT OVER TIGHTEN FASTENERS AS THIS WILL LEAD TO PANEL DIMPLING AND DISTORTION



 PUT THE TOP OF THE FASTENER INTO THE NUT DRIVER. NOTE: FOR PAINTED FASTENERS, PLACE A SINGLE OR DOUBLED LAYER OF PLASTIC BETWEEN THE FASTENER HEAD AND THE NUT DRIVER.



BAD GOOD

2. PLACE THE POINT OF THE FASTENER ONTO A HARD SURFACE AND FIRMLY HIT THE TOP OF

PANEL INSTALLATION & FASTENER SEQUENCE

STEP 1: INSTALL FIRST PANEL INSTALL THE FIRST WALL PANEL AT THE BUILDING CORNER AND ALIGN THE PANEL RIB WITH THE STEEL LINE AS SHOWN IN THE CORNER DETAILS USING THE START/FINISH DIMENSION SHOWN ON THE PLAN. IT IS EXTREMELY IMPORTANT THAT THE FIRST WALL PANEL IS INSTALLED PLUMB AND SQUARE. USE A LEVEL OR A TRANSIT TO AID IN THIS PROCE

PLACE A 18" SHIM ON THE BASE TRIM UNDER THE PANEL TO HOLD THE PANEL OFF THE BASE TRIM. ENSURE THAT THE WEIGHT OF THE PANEL DOES NOT FORCE BASE TRIM TO EXCESSIVELY BEND DOWN. BASE TRIM SHOULD HAVE A SLIGHT SLOPE TO ALLOW WATER TO RUN OUT AND NOT SIT ON BASE TRIM. SEE FIGURE "D". TO RIGHT

WHEN INSTALLING THE PANEL, APPLY PRESSURE EVENLY TO AVOID DISTORTING THE PANEL AND CAUSING OIL CANNING.

SEE FIGURE "E" - ABOVE

RECOMMENDED PANEL FASTENING SEQUENCE IS SHOWN TO THE RIGHT. THIS PATTERN AIDS IN PLUMBING AS WELL AS MAINTAINING PANEL COVERAGE I MODILLARITY. SOME APPLICATIONS MAY REQUIRE MODIFIED SEQUENCE AND WILL BE DEST DETERMINED IN THE FIELD. DO NOT ATTACH PANEL AT BASE AND TOP AND WORK TOWARD THE MIDDLE OF THE PANEL. THIS GREATES OIL CANNING. MANUFACTURER IS NOT RESPONSIBLE FOR FIRST APPEARANCE OF INSTALLED PANEL.

STEP _ INSTAL_SUSCOUNT PANELS.

NIGHTAL THE SCOON PAREL BY LAWNOT THE LAP EDGE OVER THE BEARING RIB OF THE FIRST PANEL. SEE BELOW FOR PROPER ALONMENT AT SIDE JAP CHECK PANEL PLUMBNESS AND FASTEN PANEL IN THE SAME SEQUENCE STARTING WITH THE STRUCTURAL PASTENDERS ALONG THE LAY DO FINURE A THAT SIDE JAP. CONTINUE FOR THE REMANDER OF THE WAY ALONT PANEL OF THE REMANDER OF THE WAY ALONT PANEL OF THE REMANDER OF CHEMICAL CUITTING FAMELS AROUND FRAMED OPENINGS AS REQUIRED. (TRIM SHOULD BE INSTALLED AROUND OPENINGS FIOR TO INSTALLICE PANEL.)

RECOMMENDED TIPS:
WALL PANELS CAN BE INSTALLED LEFT TO RIGHT OR RIGHT TO LEFT. IT IS RECOMMENDED TO INSTALL SHEETS
WALL PANELS CAN BE INSTALLED LEFT TO RIGHT OR RIGHT TO LEFT. IT IS RECOMMENDED TO INSTALL SHEETS STARTING OPPOSITE THE PREVAILING VIEW / WIND SO THAT THE SIDE-LAP SEAM IS AWAY AND LESS NOTICEABLE

BASE TRIM LAP SEALANT

SLOPE IS PRESENT TO PREVENT HOLDING CREATING LARGER GAP AT RIB OF PANEL.

BASE TRIM (TRIM PROFILE VARI PER PROJECT) ATTACHMENT TO FOUNDATION IS NOT BY METAL BUILDING SUPPLIER

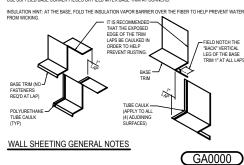
AT BASE TRIM LAPS, APPLY A BEAD OF POLYURETHANE TUBE CAULK (\pm 3152) TO ALL ADJOINING SURFACES AND LAP 1°. SEE BASE TRIM DETAIL FOR THE SPECIFIC TRIM FOR YOUR PROJECT.

NOTE: BASE TRIM PROFILES ARE MANUFACTURED WITH A 5°D SLOPE TO PROMOTE WATER SHED. ENSURE SLOPE IS PRESENT TO PREVENT HOLDING WATER. DO NOT ALLOW WEIGHT OF PANEL TO OVER BEND TRIM

FIGURE "D"

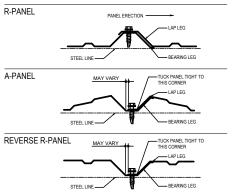
IF JOB HAS OPTIONAL FOAM PANEL CLOSURES ORDERED AT BASE, ATTACH TO INSIDE OF WALL PANEL AT BASE AND FASTEN THROUGH PANEL AND CLOSURE, WTO BASE TRIM. FASTENING PATTERN WILL VARY PER WALL PANEL TYPE REFER TO THE WALL PANEL RESCRICTION DETAIL FOR MORE FASTENING MICH.

USE SUPPLIED BASE CORNER PIECES OR FIELD MITER BASE TRIM AT CORNERS



PANEL ORIENTATION AND ALIGNMENT

NOTE THE ORIENTATION OF THE PROFILE AND BEARING LEG FOR THE LEADING EDGE OF THE PANEL. PANELS SHOULD BE INSTALLED AS SHOWN BELOW TO HELP MAINTAIN PANEL MODULARITY / COVERAGE FOR THE LENGTH OF THE WALL.



Detailer Notes:

THIS DETAIL IS REQUIRED ON EVERY PROJECT WITH WALL PANEL.

: 10.14.22 (2019.052) **CERTIFIED ERECTION DETAILS** Detail Size (W x H): 3 x 3 Issued



WALL SHEETING

GA0005 - WALL PANEL CLOSURES - ALL

Download the DWG file by clicking here.

CONTRACT SELECTION: ALL CONDITIONS, IF APPLICABLE

	BLDG. RAKE PARAPET: <u>CLOSURES ALWAYS PROVIDED</u> - STRAIGHT CLOSURES UP TO 1 1/2:12. BEVELED CLOSURES UP 9:12.
	BLDG. HIGH EAVE PARAPET: <u>CLOSURES ALWAYS PROVIDED</u> - STRAIGHT CLOSURES.
	BLDG. PARAPET GUTTER: <u>CLOSURES ALWAYS PROVIDED</u> - STRAIGHT CLOSURES.
	EAVE/RAKE EXTENSION WITH SOFFIT PANEL: CLOSURES ALWAYS PROVIDED,
	TRANSLUCENT WALL PANEL: CLOSURES ALWAYS PROVIDED.
	INSET/RECESSED WALLS: CLOSURES ALWAYS PROVIDED.
	BOXED CANOPIES: CLOSURES ALWAYS PROVIDED.
	CLOSED FASCIA'S: CLOSURES ALWAYS PROVIDED.
	BLDG. SCULPTURED RAKE TRIM: - STRAIGHT CLOSURES PROVIDED UP TO 1 1/2:12. BEVELED CLOSURES UP 9:12.
	BLDG. HIGH EAVE SCULPTURED TRIM: - STRAIGHT CLOSURES PROVIDED.
	BLDG. LOW EAVE BASIC / ON-SLOPE GUTTER / HORIZ GUTTER: - STRAIGHT CLOSURES PROVIDED.
	BLDG. BASE TRIM: STRAIGHT CLOSURES PROVIDED.
	BLDG. FRAMED OPENING HEAD TRIM / SILL TRIM: - STRAIGHT CLOSURES PROVIDED.
	BLDG. WAINSCOT TRANSITION: - STRAIGHT CLOSURES PROVIDED.
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WALL PANEL CLOSURE REQUIREMENTS

SEE SPECIFIC DETAILS & WALL PANEL ELEVATIONS FOR PART MARKS & CLOSURE LOCATIONS

GA0005

Detail Size (W x H): 1 x 1

Detailer Notes:

- 1) THIS DETAIL IS REQUIRED WHEN "INCLUDE CLOSURES" IS SELECTED IN THE CONTRACT.
- 2) DETAILER TO UN-SELECT NON-APPLICABLE CONDITIONS ON THIS DETAIL AS REQUIRED.
- 3) DETAILER TO MODIFY CERTAIN TRIM DETAILS WITH THE SELECTION OF THE APPROPRIATE LAYERS.
- 4) THIS DETAIL IS TO BE PLACED ONE TIME IN A DRAWING SET & AT THE BEGINNING OF THE SHEETING DETAILS.

Revised : 02.02.23 (MR2023.02) **CERTIFIED ERECTION DETAILS**



WALL SHEETING

GA0006 - WALL PANEL CLOSURES - SPECIFIC

Download the DWG file by clicking here.

CONTRACT SELECTION: SPECIFIC CONDITIONS, IF APPLICABLE

	BLDG. RAKE PARAPET: <u>CLOSURES ALWAYS PROVIDED</u> - STRAIGHT CLOSURES UP TO 1 1/2:12. BEVELED CLOSURES UP 9:12.				
	BLDG. HIGH EAVE PARAPET: <u>CLOSURES ALWAYS PROVIDED</u> - STRAIGHT CLOSURES.				
	BLDG. PARAPET GUTTER: <u>CLOSURES ALWAYS PROVIDED</u> - STRAIGHT CLOSURES.				
	EAVE/RAKE EXTENSION WITH SOFFIT PANEL: CLOSURES ALWAYS PROVIDED,				
	TRANSLUCENT WALL PANEL: CLOSURES ALWAYS PROVIDED.				
	INSET/RECESSED WALLS: CLOSURES ALWAYS PROVIDED.				
	BOXED CANOPIES: CLOSURES ALWAYS PROVIDED.				
	CLOSED FASCIA'S: CLOSURES ALWAYS PROVIDED.				
	BLDG. SCULPTURED RAKE TRIM: - STRAIGHT CLOSURES PROVIDED UP TO 1 1/2:12. BEVELED CLOSURES UP 9:12.				
	BLDG. HIGH EAVE SCULPTURED TRIM: - STRAIGHT CLOSURES PROVIDED.				
	BLDG. LOW EAVE BASIC / ON-SLOPE GUTTER / HORIZ GUTTER: - STRAIGHT CLOSURES PROVIDED.				
	BLDG. BASE TRIM: STRAIGHT CLOSURES PROVIDED.				
	BLDG. FRAMED OPENING HEAD TRIM / SILL TRIM: - STRAIGHT CLOSURES PROVIDED.				
	BLDG. WAINSCOT TRANSITION: - STRAIGHT CLOSURES PROVIDED.				
WALL PANEL CLOSURE REQUIREMENTS					

SEE SPECIFIC DETAILS & WALL PANEL ELEVATIONS FOR PART MARKS & CLOSURE LOCATIONS

GA0006

Detail Size (W x H): 1 x 1

Detailer Notes:

- 1) THIS DETAIL IS REQUIRED WHEN "INCLUDE CLOSURES" IS NOT SELECTED IN THE CONTRACT.
- 2) DETAILER TO UN-SELECT NON-APPLICABLE CONDITIONS ON THIS DETAIL AS REQUIRED.
- 3) DETAILER TO MODIFY CERTAIN TRIM DETAILS WITH THE SELECTION OF THE APPROPRIATE LAYERS.
- 4) THIS DETAIL IS TO BE PLACED ONE TIME IN A DRAWING SET & AT THE BEGINNING OF THE SHEETING DETAILS.

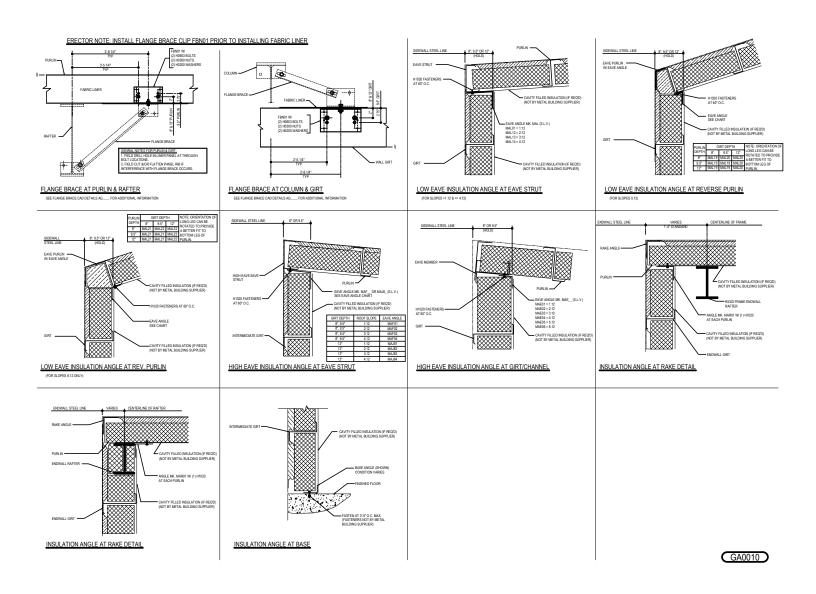
Revised : 02.02.23 (MR2023.02) **CERTIFIED ERECTION DETAILS**



WALL SHEETING

GA0010 - CAVITY FILLED INSULATION - EAVE & RAKE ANGLE

Download the DWG file by clicking here.



Detailer Notes:

1) USE ONLY WHEN CONTRACT SPECIFICALLY REQUEST ATTACHMENT ANGLES FOR VAPOR RETARDER ON PROJECTS WITH CAVITY FILLED INSULATION.

Issued : 04.26.23 (MR2023.05) CERTIFIED ERECTION DETAILS Detail Size (W x H) : 4 x 3

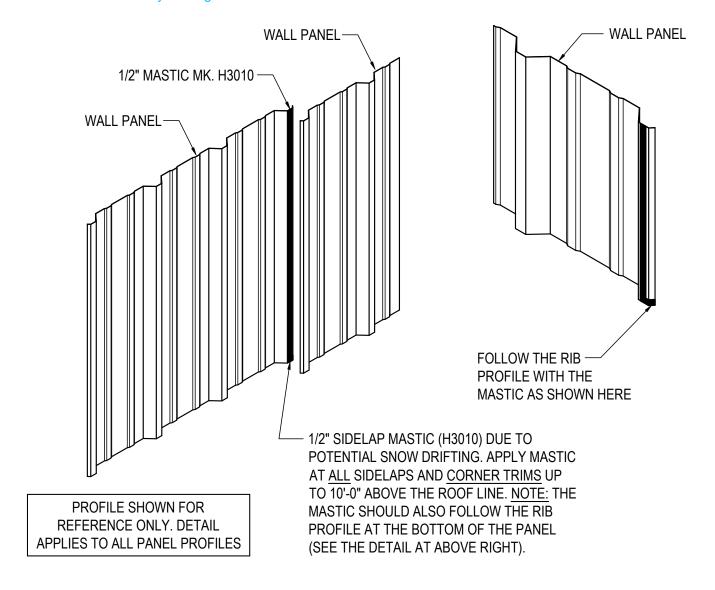
Issued By: WME



WALL SHEETING

GA0015 - PANEL SIDELAP DETAIL AT POTENTIAL SNOW DRIFT AREAS

Download the DWG file by clicking here.



PANEL SIDELAP DETAIL AT POTENTIAL SNOW DRIFT AREAS

SEE WALL SHEETING ELEVATIONS FOR LOCATIONS

GA0015

Detailer Notes:

- 1) THIS DETAIL IS ONLY REQUIRED IF THE GROUND SNOW LOAD IS 5 PSF OR GREATER.
- 2) THIS IS FOR PARAPET AND ROOF-TO-WALL TRANSITIONS WHERE SNOW DRIFT CONDITIONS COULD OCCUR.

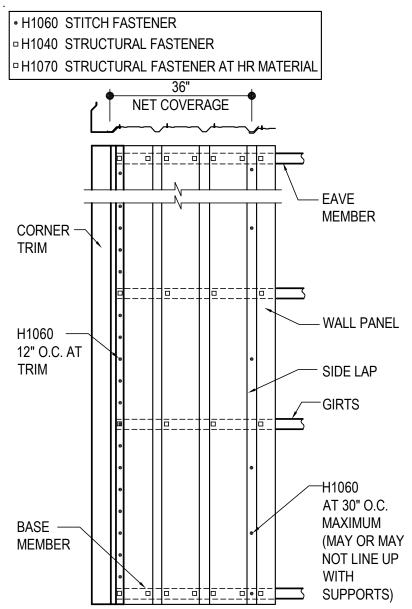
Issued: 10.14.22 (2019.052) CERTIFIED ERECTION DETAILS Detail Size (W x H): 1 x 1



WALL SHEETING

GA0020 - WALL PANEL ERECTION - R-PANEL

Download the DWG file by clicking here.



- 1. BLOCK GIRTS TO "LEVEL" POSITION BEFORE STARTING PANEL ERECTION. MAINTAIN WOOD BLOCKING (NOT BY METAL BUILDING SUPPLIER) UNTIL PANEL TO STRUCTURAL FASTENERS ARE INSTALLED.
- 2. ALIGN AND PLUMB FIRST WALL PANEL.
- 3. TO PREVENT "OIL-CANNING", ALL PANEL FASTENERS SHOULD START FROM BASE MEMBER AND THEN BE SECURED TO EACH STRUCTURAL GIRT TOWARD THE EAVE.
- 4. FOUNDATION MUST BE SQUARE, LEVEL, AND CORRECT TO THE OUT-TO-OUT STEEL LINE DIMENSIONS.
- 5. ERECTION CREW IS TO CLEAN ALL WALL PANELS BEFORE LEAVING JOB SITE.
- 6. ERECTOR IS TO ERECT PANELS SO THAT SIDELAPS ARE AWAY FROM THE MAIN TRAFFIC AREA'S LINE OF SIGHT.
- 7. STORE PANELS PROPERLY TO PREVENT MOISTURE.
- 8. AT FLUSH GIRT CONDITIONS, PRE-DRILL COLUMNS (& STUBS IF REQ'D) FOR EASE OF PANEL ATTACHMENT AT THESE AREAS.
- 9. INSTALL BASE PANEL CLOSURES (IF JOB REQUIRES THEM). SEE BASE TRIM DETAILS.

WALL PANEL ERECTION

ERECTOR NOTE: 1/2" SIDELAP MASTIC (H3010) IS REQUIRED IN SNOWDRIFT CONDITIONS. REFER TO THE ELEVATIONS FOR LOCATION REQUIREMENTS.

GA0020

Detailer Notes:

1) IN THE CASE WHERE ASTM E283 & E331 (AIR AND WATER INFILTRATION) SPECIFICATIONS HAS BEEN CALLED OUT IN THE CONTRACT, TYPICALLY IN THE SPECIAL USER NOTES, USE DETAIL GA0021 INSTEAD OF THIS DETAIL.

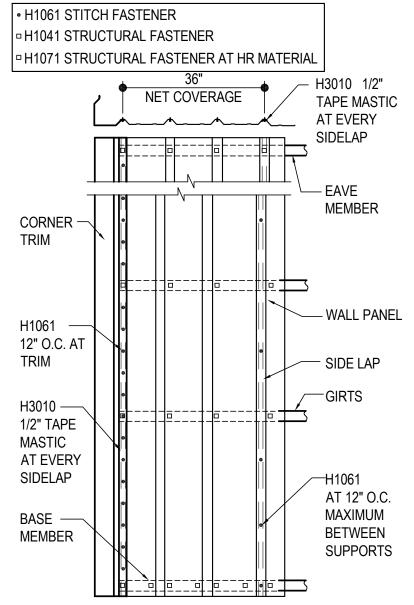
Revised: 7.11.23 (MR2023.08) CERTIFIED ERECTION DETAILS Detail Size (W x H): 1 x 1



WALL SHEETING

GA0021 - WALL PANEL ERECTION (ASTM E283 & E331) - R-PANEL

Download the DWG file by clicking here.



- 1. BLOCK GIRTS TO "LEVEL" POSITION BEFORE STARTING PANEL ERECTION. MAINTAIN WOOD BLOCKING (NOT BY METAL BUILDING SUPPLIER) UNTIL PANEL TO STRUCTURAL FASTENERS ARE INSTALLED.
- 2. ALIGN AND PLUMB FIRST WALL PANEL.
- 3. TO PREVENT "OIL-CANNING", ALL PANEL FASTENERS SHOULD START FROM BASE MEMBER AND THEN BE SECURED TO EACH STRUCTURAL GIRT TOWARD THE EAVE.
- 4. FOUNDATION MUST BE SQUARE, LEVEL, AND CORRECT TO THE OUT-TO-OUT STEEL LINE DIMENSIONS.
- 5. ERECTION CREW IS TO CLEAN ALL WALL PANELS BEFORE LEAVING JOB SITE.
- 6. ERECTOR IS TO ERECT PANELS SO THAT SIDELAPS ARE AWAY FROM THE MAIN TRAFFIC AREA'S LINE OF SIGHT.
- 7. STORE PANELS PROPERLY TO PREVENT MOISTURE.
- 8. AT FLUSH GIRT CONDITIONS, PRE-DRILL COLUMNS (& STUBS IF REQ'D) FOR EASE OF PANEL ATTACHMENT AT THESE AREAS.
- 9. INSTALL PANEL CLOSURES W/ 1/2" TAPE MASTIC TOP/BOTTOM OF CLOSURE AT ENDS OF PANELS

WALL PANEL ERECTION (ASTM E283 & E331)

ERECTOR NOTE: 1/2" SIDELAP MASTIC (H3010) IS REQUIRED IN EVERY PANEL SIDELAP AS WELL AS PAENEL CLOSURES WITH MASTIC TO MEET ASTM E283 & E331 SPECIFICATION.

GA0021

Detailer Notes:

1) IN THE CASE WHERE ASTM E283 & E331 (AIR AND WATER INFILTRATION) SPECIFICATIONS HAS BEEN CALLED OUT IN THE CONTRACT, TYPICALLY IN THE SPECIAL USER NOTES, USE THIS DETAIL INSTEAD OF THE STANDARD WALL PANEL ERECTION DETAIL GA0020.

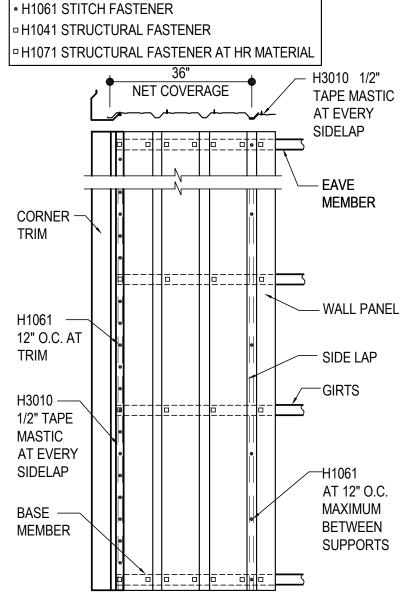
Revised: 07.11.23 (MR2023.08) CERTIFIED ERECTION DETAILS Detail Size (W x H): 1 x 1



WALL SHEETING

GA0022 - WALL PANEL ERECTION (MIAMI-DADE APPROVED) - R-PANEL

Download the DWG file by clicking here.



- 1. BLOCK GIRTS TO "LEVEL" POSITION BEFORE STARTING PANEL ERECTION. MAINTAIN WOOD BLOCKING (NOT BY METAL BUILDING SUPPLIER) UNTIL PANEL TO STRUCTURAL FASTENERS ARE INSTALLED.
- 2. ALIGN AND PLUMB FIRST WALL PANEL.
- 3. TO PREVENT "OIL-CANNING", ALL PANEL FASTENERS SHOULD START FROM BASE MEMBER AND THEN BE SECURED TO EACH STRUCTURAL GIRT TOWARD THE EAVE.
- 4. FOUNDATION MUST BE SQUARE, LEVEL, AND CORRECT TO THE OUT-TO-OUT STEEL LINE DIMENSIONS.
- 5. ERECTION CREW IS TO CLEAN ALL WALL PANELS BEFORE LEAVING JOB SITE.
- 6. ERECTOR IS TO ERECT PANELS SO THAT SIDELAPS ARE AWAY FROM THE MAIN TRAFFIC AREA'S LINE OF SIGHT.
- 7. STORE PANELS PROPERLY TO PREVENT MOISTURE.
- 8. AT FLUSH GIRT CONDITIONS, PRE-DRILL COLUMNS (& STUBS IF REQ'D) FOR EASE OF PANEL ATTACHMENT AT THESE AREAS.
- 9. INSTALL PANEL CLOSURES W/ 1/2" TAPE MASTIC TOP/BOTTOM OF CLOSURE AT ENDS OF PANELS

WALL PANEL ERECTION (MIAMI-DADE)

(MR2023.08)

ERECTOR NOTE: 1/2" SIDELAP MASTIC (H3010) IS REQUIRED IN EVERY PANEL SIDELAP AS WELL AS PAENEL CLOSURES WITH MASTIC TO MEET MIAMI-DADE APPROVAL.

GA0022

Detail Size (W x H): 1 x 1

Detailer Notes:

1) IN THE CASE WHERE MIAMI-DADE APPROVAL HAS BEEN CALLED OUT IN THE CONTRACT, TYPICALLY IN THE SPECIAL USER NOTES, USE THIS DETAIL INSTEAD OF THE STANDARD WALL PANEL ERECTION DETAIL GA0020.

2) THIS DETAIL IS FOR R-PANEL WALL PANELS PRODUCED AT NBG-SC ONLY!

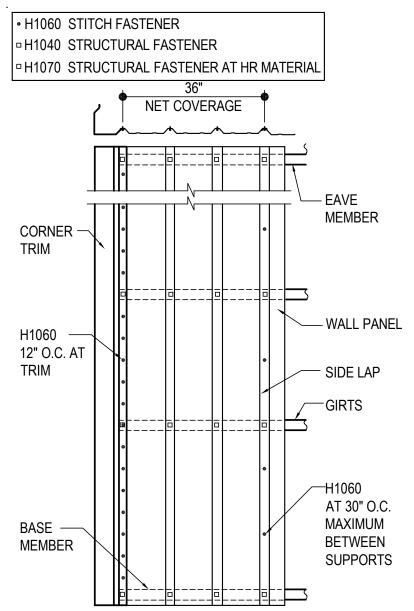
Revised : 07.11.23 Revised By : BSS



WALL SHEETING

GA0030 - WALL PANEL ERECTION - REVERSE R-PANEL

Download the DWG file by clicking here.



- 1. BLOCK GIRTS TO "LEVEL" POSITION BEFORE STARTING PANEL ERECTION. MAINTAIN WOOD BLOCKING (NOT BY METAL BUILDING SUPPLIER) UNTIL PANEL TO STRUCTURAL FASTENERS ARE INSTALLED.
- 2. ALIGN AND PLUMB FIRST WALL PANEL.
- 3. TO PREVENT "OIL-CANNING", ALL PANEL FASTENERS SHOULD START FROM BASE MEMBER AND THEN BE SECURED TO EACH STRUCTURAL GIRT TOWARD THE EAVE.
- 4. FOUNDATION MUST BE SQUARE, LEVEL, AND CORRECT TO THE OUT-TO-OUT STEEL LINE DIMENSIONS.
- 5. ERECTION CREW IS TO CLEAN ALL WALL PANELS BEFORE LEAVING JOB SITE.
- 6. ERECTOR IS TO ERECT PANELS SO THAT SIDELAPS ARE AWAY FROM THE MAIN TRAFFIC AREA'S LINE OF SIGHT.
- 7. STORE PANELS PROPERLY TO PREVENT MOISTURE.
- 8. AT FLUSH GIRT CONDITIONS, PRE-DRILL COLUMNS (& STUBS IF REQ'D) FOR EASE OF PANEL ATTACHMENT AT THESE AREAS.
- 9. INSTALL BASE PANEL CLOSURES (IF JOB REQUIRES THEM). SEE BASE TRIM DETAILS.

WALL PANEL ERECTION

ERECTOR NOTE: 1/2" SIDELAP MASTIC (H3010) IS REQUIRED IN SNOWDRIFT CONDITIONS. REFER TO THE ELEVATIONS FOR LOCATION REQUIREMENTS.

GA0030

Detailer Notes:

1) IN THE CASE WHERE ASTM E283 & E331 (AIR AND WATER INFILTRATION) SPECIFICATIONS HAS BEEN CALLED OUT IN THE CONTRACT, TYPICALLY IN THE SPECIAL USER NOTES, USE DETAIL GA0031 INSTEAD OF THIS DETAIL.

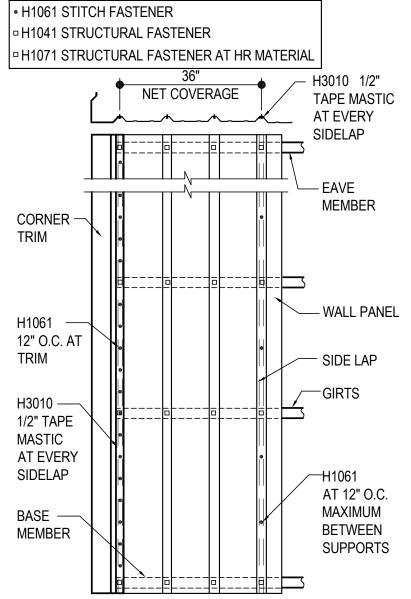
Revised : 07.11.23 (MR2023.08) CERTIFIED ERECTION DETAILS Detail Size (W x H) : 1 x 1



WALL SHEETING

GA0031 - WALL PANEL ERECTION (ASTM E283 & E331) - REVERSE R-PANEL

Download the DWG file by clicking here.



- 1. BLOCK GIRTS TO "LEVEL" POSITION BEFORE STARTING PANEL ERECTION. MAINTAIN WOOD BLOCKING (NOT BY METAL BUILDING SUPPLIER) UNTIL PANEL TO STRUCTURAL FASTENERS ARE INSTALLED.
- 2. ALIGN AND PLUMB FIRST WALL PANEL.
- 3. TO PREVENT "OIL-CANNING", ALL PANEL FASTENERS SHOULD START FROM BASE MEMBER AND THEN BE SECURED TO EACH STRUCTURAL GIRT TOWARD THE EAVE.
- 4. FOUNDATION MUST BE SQUARE, LEVEL, AND CORRECT TO THE OUT-TO-OUT STEEL LINE DIMENSIONS.
- 5. ERECTION CREW IS TO CLEAN ALL WALL PANELS BEFORE LEAVING JOB SITE.
- 6. ERECTOR IS TO ERECT PANELS SO THAT SIDELAPS ARE AWAY FROM THE MAIN TRAFFIC AREA'S LINE OF SIGHT.
- 7. STORE PANELS PROPERLY TO PREVENT MOISTURE.
- 8. AT FLUSH GIRT CONDITIONS, PRE-DRILL COLUMNS (& STUBS IF REQ'D) FOR EASE OF PANEL ATTACHMENT AT THESE AREAS.
- 9. INSTALL PANEL CLOSURES W/ 1/2" TAPE MASTIC TOP/BOTTOM OF CLOSURE AT ENDS OF PANELS

WALL PANEL ERECTION (ASTM E283 & E331)

ERECTOR NOTE: 1/2" SIDELAP MASTIC (H3010) IS REQUIRED IN EVERY PANEL SIDELAP AS WELL AS PAENEL CLOSURES WITH MASTIC TO MEET ASTM E283 & E331 SPECIFICATION.

GA0031

Detailer Notes:

1) IN THE CASE WHERE ASTM E283 & E331 (AIR AND WATER INFILTRATION) SPECIFICATIONS HAS BEEN CALLED OUT IN THE CONTRACT, TYPICALLY IN THE SPECIAL USER NOTES, USE THIS DETAIL INSTEAD OF THE STANDARD WALL PANEL ERECTION DETAIL GA0030.

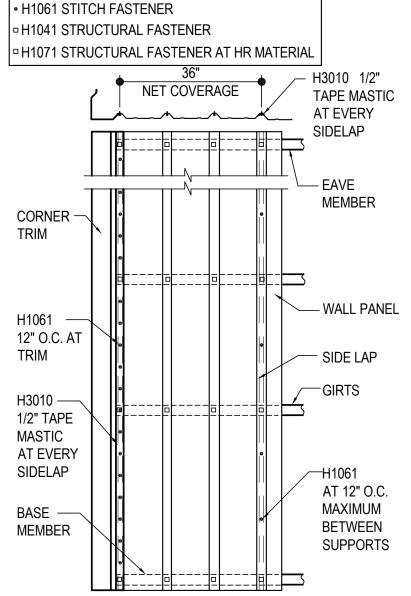
Revised: 07.11.23 (MR2023.08) CERTIFIED ERECTION DETAILS Detail Size (W x H): 1 x 1



WALL SHEETING

GA0032 - WALL PANEL ERECTION (MIAMI-DADE APPROVED) - REVERSE R-PANEL

Download the DWG file by clicking here.



- 1. BLOCK GIRTS TO "LEVEL" POSITION BEFORE STARTING PANEL ERECTION. MAINTAIN WOOD BLOCKING (NOT BY METAL BUILDING SUPPLIER) UNTIL PANEL TO STRUCTURAL FASTENERS ARE INSTALLED.
- 2. ALIGN AND PLUMB FIRST WALL PANEL.
- 3. TO PREVENT "OIL-CANNING", ALL PANEL FASTENERS SHOULD START FROM BASE MEMBER AND THEN BE SECURED TO EACH STRUCTURAL GIRT TOWARD THE EAVE.
- 4. FOUNDATION MUST BE SQUARE, LEVEL, AND CORRECT TO THE OUT-TO-OUT STEEL LINE DIMENSIONS.
- 5. ERECTION CREW IS TO CLEAN ALL WALL PANELS BEFORE LEAVING JOB SITE.
- 6. ERECTOR IS TO ERECT PANELS SO THAT SIDELAPS ARE AWAY FROM THE MAIN TRAFFIC AREA'S LINE OF SIGHT.
- 7. STORE PANELS PROPERLY TO PREVENT MOISTURE.
- 8. AT FLUSH GIRT CONDITIONS, PRE-DRILL COLUMNS (& STUBS IF REQ'D) FOR EASE OF PANEL ATTACHMENT AT THESE AREAS.
- 9. INSTALL PANEL CLOSURES W/ 1/2" TAPE MASTIC TOP/BOTTOM OF CLOSURE AT ENDS OF PANELS

WALL PANEL ERECTION (MIAMI-DADE)

(MR2023.08)

ERECTOR NOTE: 1/2" SIDELAP MASTIC (H3010) IS REQUIRED IN EVERY PANEL SIDELAP AS WELL AS PAENEL CLOSURES WITH MASTIC TO MEET MIAMI-DADE APPROVAL.

GA0032

Detail Size (W x H): 1 x 1

Detailer Notes:

1) IN THE CASE WHERE MIAMI-DADE APPROVAL HAS BEEN CALLED OUT IN THE CONTRACT, TYPICALLY IN THE SPECIAL USER NOTES, USE THIS DETAIL INSTEAD OF THE STANDARD WALL PANEL ERECTION DETAIL GA0030.

2) THIS DETAIL IS FOR REVERSE R-PANEL WALL PANEL PRODUCED AT NBG-SC ONLY!

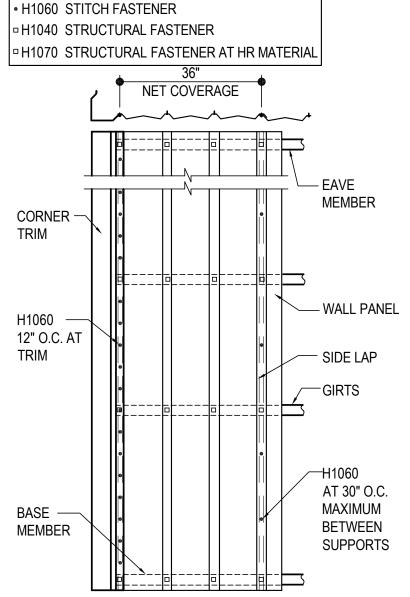
Revised : 07.11.23 Revised By : BSS



WALL SHEETING

GA0040 - WALL PANEL ERECTION - A-PANEL

Download the DWG file by clicking here.



- 1. BLOCK GIRTS TO "LEVEL" POSITION BEFORE STARTING PANEL ERECTION. MAINTAIN WOOD BLOCKING (NOT BY METAL BUILDING SUPPLIER) UNTIL PANEL TO STRUCTURAL FASTENERS ARE INSTALLED.
- 2. ALIGN AND PLUMB FIRST WALL PANEL.
- 3. TO PREVENT "OIL-CANNING", ALL PANEL FASTENERS SHOULD START FROM BASE MEMBER AND THEN BE SECURED TO EACH STRUCTURAL GIRT TOWARD THE EAVE.
- 4. FOUNDATION MUST BE SQUARE, LEVEL, AND CORRECT TO THE OUT-TO-OUT STEEL LINE DIMENSIONS.
- 5. ERECTION CREW IS TO CLEAN ALL WALL PANELS BEFORE LEAVING JOB SITE.
- 6. ERECTOR IS TO ERECT PANELS SO THAT SIDELAPS ARE AWAY FROM THE MAIN TRAFFIC AREA'S LINE OF SIGHT.
- 7. STORE PANELS PROPERLY TO PREVENT MOISTURE.
- 8. AT FLUSH GIRT CONDITIONS, PRE-DRILL COLUMNS (& STUBS IF REQ'D) FOR EASE OF PANEL ATTACHMENT AT THESE AREAS.
- 9. INSTALL BASE PANEL CLOSURES (IF JOB REQUIRES THEM). SEE BASE TRIM DETAILS.

WALL PANEL ERECTION

ERECTOR NOTE: 1/2" SIDELAP MASTIC (H3010) IS REQUIRED IN SNOWDRIFT CONDITIONS. REFER TO THE ELEVATIONS FOR LOCATION REQUIREMENTS.

GA0040

Detailer Notes:

1) IN THE CASE WHERE ASTM E283 & E331 (AIR AND WATER INFILTRATION) SPECIFICATIONS HAS BEEN CALLED OUT IN THE CONTRACT, TYPICALLY IN THE SPECIAL USER NOTES, USE DETAIL GA0041 INSTEAD OF THIS DETAIL.

Revised : 07.11.23 (MR2023.08) CERTIFIED ERECTION DETAILS Detail Size (W x H) : 1 x 1

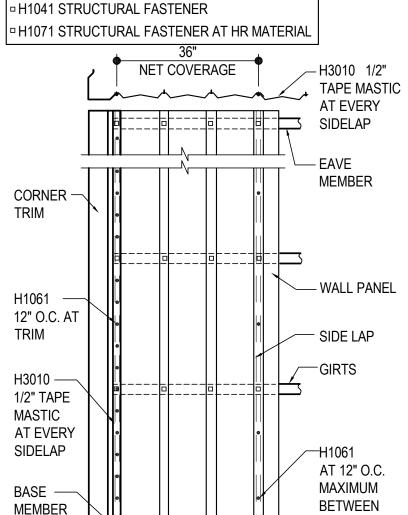


WALL SHEETING

GA0041 - WALL PANEL ERECTION (ASTM E283 & E331) - A-PANEL

Download the DWG file by clicking here.

H1061 STITCH FASTENER



- 1. BLOCK GIRTS TO "LEVEL" POSITION BEFORE STARTING PANEL ERECTION. MAINTAIN WOOD BLOCKING (NOT BY METAL BUILDING SUPPLIER) UNTIL PANEL TO STRUCTURAL FASTENERS ARE INSTALLED.
- 2. ALIGN AND PLUMB FIRST WALL PANEL.
- 3. TO PREVENT "OIL-CANNING", ALL PANEL FASTENERS SHOULD START FROM BASE MEMBER AND THEN BE SECURED TO EACH STRUCTURAL GIRT TOWARD THE EAVE.
- 4. FOUNDATION MUST BE SQUARE, LEVEL, AND CORRECT TO THE OUT-TO-OUT STEEL LINE DIMENSIONS.
- 5. ERECTION CREW IS TO CLEAN ALL WALL PANELS BEFORE LEAVING JOB SITE.
- 6. ERECTOR IS TO ERECT PANELS SO THAT SIDELAPS ARE AWAY FROM THE MAIN TRAFFIC AREA'S LINE OF SIGHT.
- 7. STORE PANELS PROPERLY TO PREVENT MOISTURE.
- 8. AT FLUSH GIRT CONDITIONS, PRE-DRILL COLUMNS (& STUBS IF REQ'D) FOR EASE OF PANEL ATTACHMENT AT THESE AREAS.
- 9. INSTALL PANEL CLOSURES W/ 1/2" TAPE MASTIC TOP/BOTTOM OF CLOSURE AT ENDS OF PANELS

WALL PANEL ERECTION (ASTM E283 & E331)

ERECTOR NOTE: 1/2" SIDELAP MASTIC (H3010) IS REQUIRED IN EVERY PANEL SIDELAP AS WELL AS PAENEL CLOSURES WITH MASTIC TO MEET ASTM E283 & E331 SPECIFICATION.

GA0041

Detailer Notes:

1) IN THE CASE WHERE ASTM E283 & E331 (AIR AND WATER INFILTRATION) SPECIFICATIONS HAS BEEN CALLED OUT IN THE CONTRACT, TYPICALLY IN THE SPECIAL USER NOTES, USE THIS DETAIL INSTEAD OF THE STANDARD WALL PANEL ERECTION DETAIL GA0040.

SUPPORTS

2) THIS DETAIL IS FOR ACCENT WALL PANEL ONLY.

Revised: 07.11.23 (MR2023.08) CERTIFIED EREC

Revised By: BSS

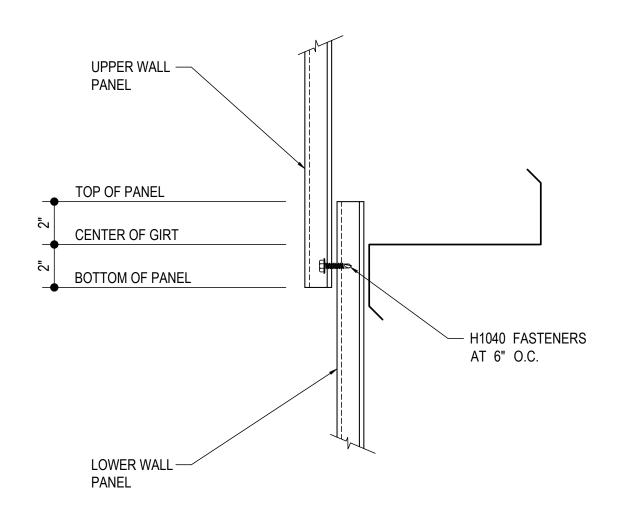
CERTIFIED ERECTION DETAILS Detail Size (W x H): 1 x 1



WALL SHEETING

GA0050 - WALL PANEL ENDLAP

Download the DWG file by clicking here.



WALL PANEL ENDLAP

GA0050

Detailer Notes:

1) N/A

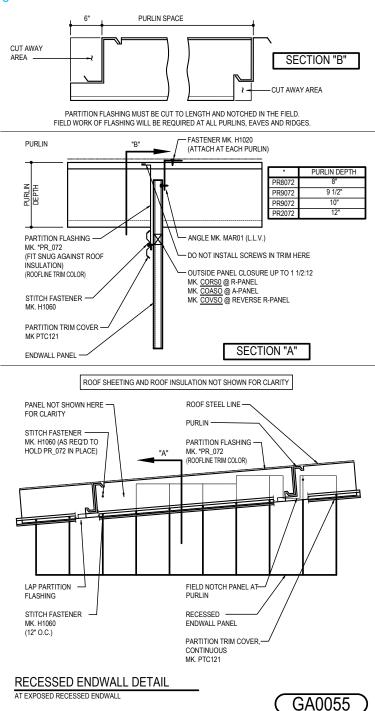
Issued: 10.14.22 (2019.052) CERTIFIED ERECTION DETAILS Detail Size (W x H): 1 x 1



WALL SHEETING

GA0055 - RECESSED ENDWALL DETAIL

Download the DWG file by clicking here.



Detailer Notes:

- 1) CLOSURES ARE REQUIRED AT WALL PANEL RECESSED RAKE CONDITION.
- 2) ROOF SLOPE >1 1/2":12" TURN ON "CLOSURES RAKE BEVELED" AND TURN OFF "CLOSURES RAKE STRAIGHT" LAYER.

Issued: 06.26.23 (MR2023.07) CERTIFIED ERECTION DETAILS Detail Size (W x H): 1 x 2

Issued By: WME

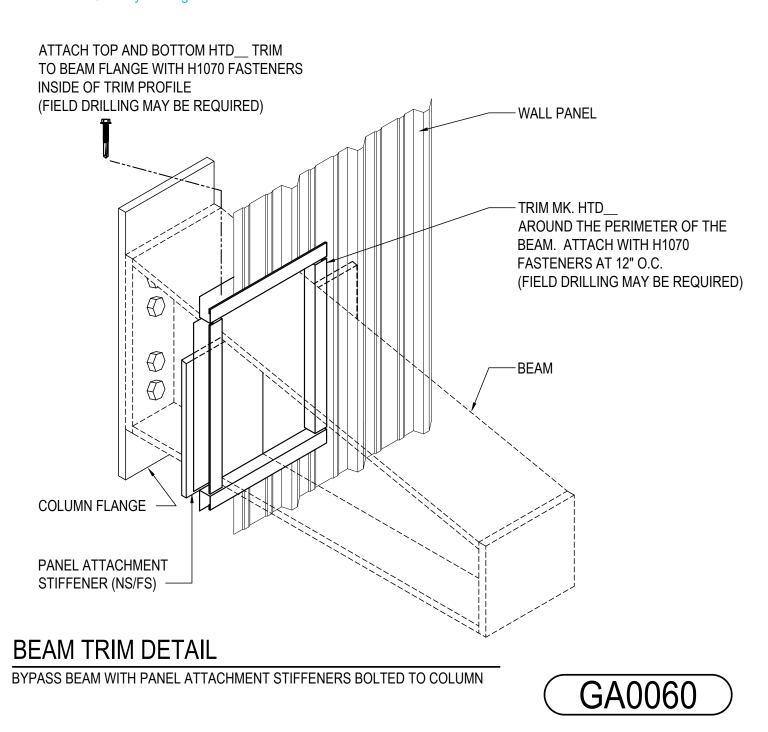


GENERAL DETAILS

WALL SHEETING

GA0060 - BYPASS BEAM TRIM DETAIL

Download the DWG file by clicking here.



Detailer Notes:

1) N/A

Revised: 02.23.23 (MR2023.03) CERTIFIED ERECTION DETAILS Detail Size (W x H): 1 x 1

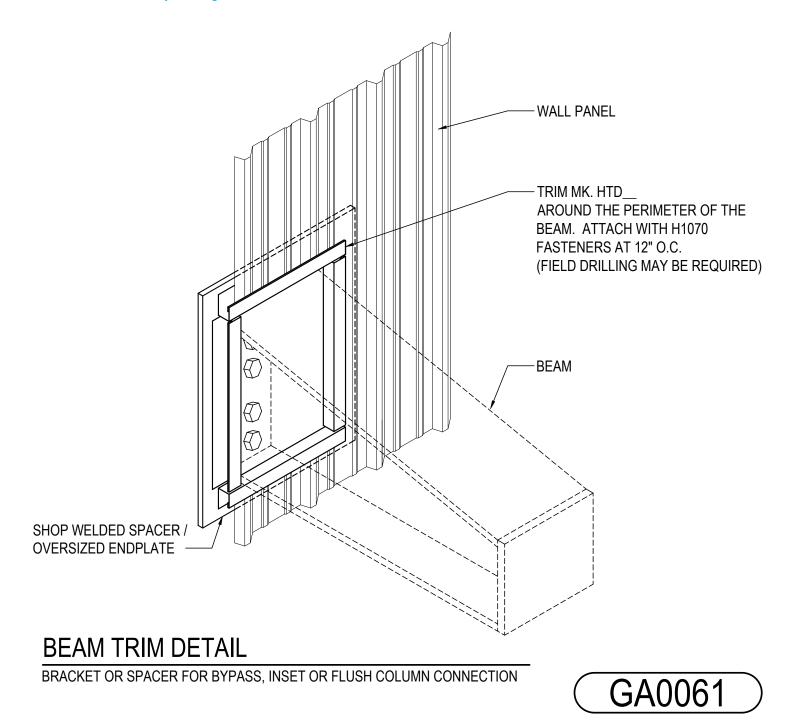


GENERAL DETAILS

WALL SHEETING

GA0061 - BYPASS WITH BRACKET / INSET / FLUSH TRIM DETAIL

Download the DWG file by clicking here.



Detailer Notes:

1) N/A

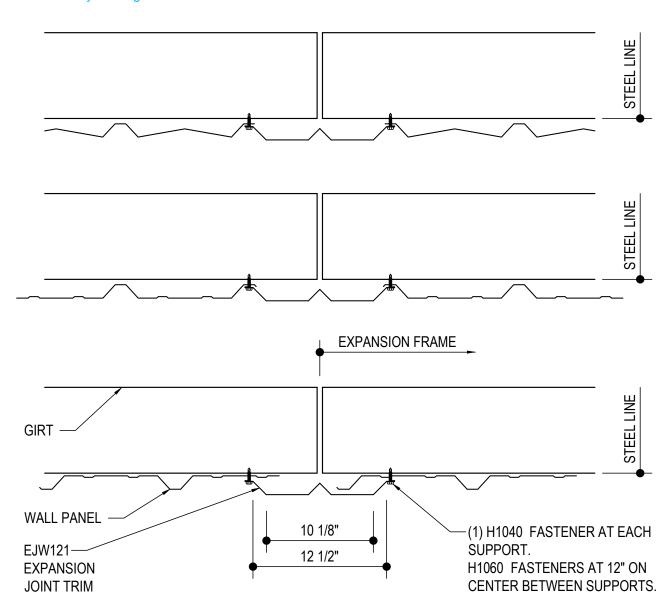
Revised : 02.23.23 (MR2023.03) CERTIFIED ERECTION DETAILS Detail Size (W x H) : 1 x 1



WALL SHEETING

GA0065 - TRANSVERSE EXPANSION JOINT - NEW CONSTRUCTION

Download the DWG file by clicking here.



TRANSVERSE EXPANSION JOINT

ALL PANEL PROFILES SHOWN. TRIM MARK NUMERS AND DIMENSIONS ARE SAME FOR ALL PANEL PROFILES.

GA0065

Detailer Notes:

1) N/A

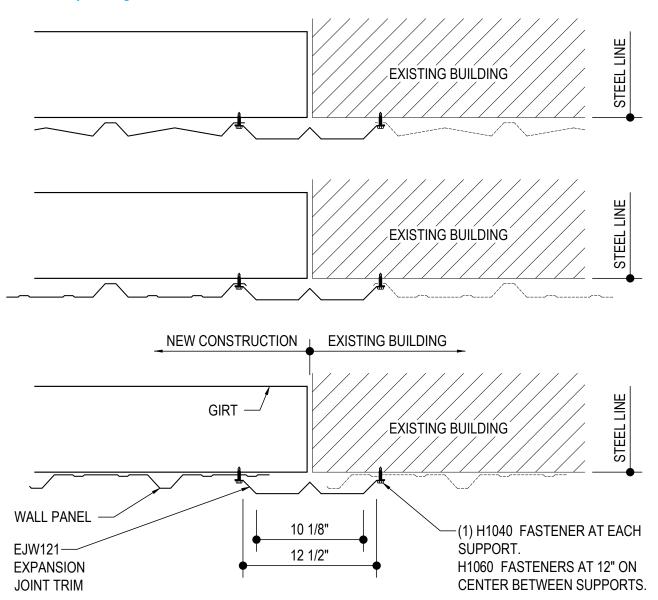
Issued: 10.14.22 (2019.052) CERTIFIED ERECTION DETAILS Detail Size (W x H): 1 x 1



WALL SHEETING

GA0066 - TRANSVERSE EXPANSION JOINT - EXISTING BUILDING

Download the DWG file by clicking here.



TRANSVERSE EXPANSION JOINT

ALL PANEL PROFILES SHOWN. TRIM MARK NUMERS AND DIMENSIONS ARE SAME FOR ALL PANEL PROFILES.

GA0066

Detailer Notes:

1) N/A

Issued: 10.14.22 (2019.052) CERTIFIED ERECTION DETAILS Detail Size (W x H): 1 x 1



WALL SHEETING

GA0080 - DOWNSPOUT SCHEDULE

Download the DWG file by clicking here.

☑ INDICATES 4" x 5" DOWNSPOUT. SEE BELOW FOR REQUIREMENTS.

CORRUGATED DOWNSPOUT = MK. DSC120 PRESS BROKE DOWNSPOUT = MK. DSP121

BUILDING	MAXIMUM	QTY OF 10' PIECES	LOCATIONS	GRID
I.D.	SPACING	PER LOCATION		LINE

DOWNSPOUT SCHEDULE

GA0080

Detailer Notes:

1) USE WITH ALL PROJECTS THAT HAVE DOWNSPOUTS THAT ARE DETAILED OUTSIDE OF TEKLA.

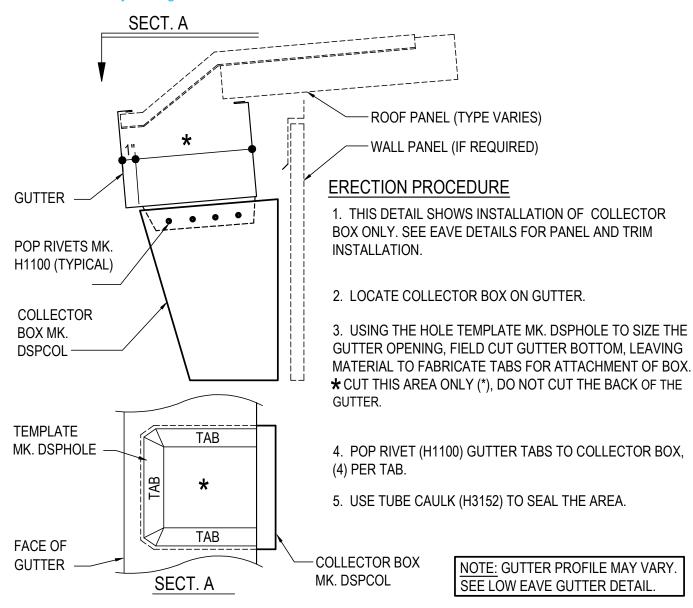
Issued: 05.08.23 (MR2023.05) CERTIFIED ERECTION DETAILS Detail Size (W x H): 1 x 1



WALL SHEETING

GA0100 - COLLECTOR BOX INSTALLATION

Download the DWG file by clicking here.



COLLECTOR BOX INSTALLATION

GA0100

Detailer Notes:

1) N/A

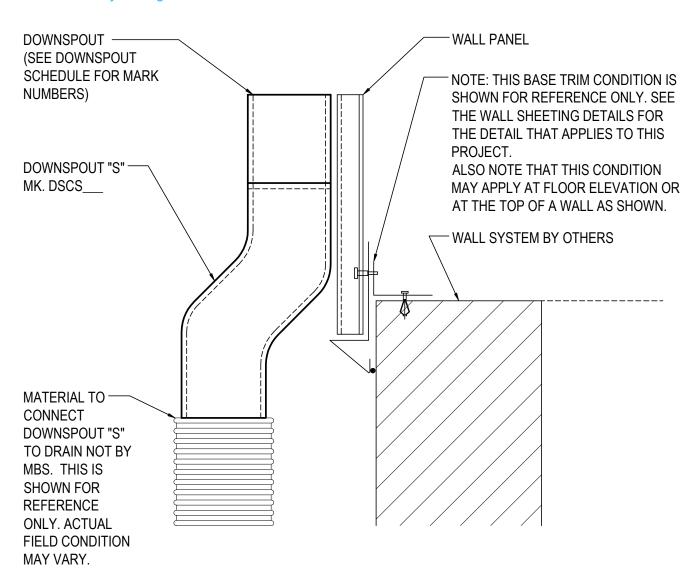
Issued: 10.14.22 (2019.052) CERTIFIED ERECTION DETAILS Detail Size (W x H): 1 x 1



WALL SHEETING

GA0105 - CORRUGATED DOWNSPOUT ALTERNATE "S" AT BASE

Download the DWG file by clicking here.



CORRUGATED DOWNSPOUT ALTERNATE "S" AT BASE

GA0105

Detailer Notes:

1) N/A

Issued: 10.14.22 (2019.052) CERTIFIED ERECTION DETAILS Detail Size (W x H): 1 x 1



WALL SHEETING

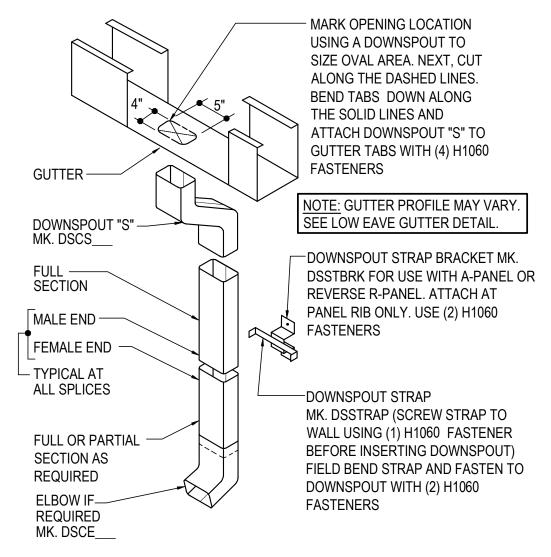
GA0130 - CORRUGATED DOWNSPOUT

Download the DWG file by clicking here.

USE (4) POP RIVETS MK. H1100 AT ALL ELBOW, "S", AND DOWNSPOUT CONNECTIONS U.N.O.

ERECTOR NOTES:

- 1. MITERING OF THE "S" WILL BE REQUIRED AT SLOPES OVER 4:12 FOR PROPER LINE UP WITH THE DOWNSPOUT.
- 2. IF PROJECT CONTRACT SPECIFIES "S" SHAPES AT THE BOTTOM OF THE DOWNSPOUT IN LIEU OF ELBOWS, SEE DETAIL GA0105.
- 3. LOCATE ONE DOWNSPOUT STRAP AT EVERY "S", ELBOW AND DOWNSPOUT SPLICE.



DOWNSPOUT STRAP (MK. DSSTRAP) AND STRAP BRACKETS (MK. DSSTBRK) ARE ALSO PROVIDED FOR MASONRY WALL APPLICATIONS AS WELL AS FOR ATTACHMENT TO COLUMNS. FASTENERS TO MASONRY ARE NOT PROVIDED. H1060 FASTENERS ARE PROVIDED FOR COLUMN ATTACHMENT APPLICATIONS, PRE-DRILLING WILL BE REQUIRED.

CORRUGATED DOWNSPOUT

REFERENCE DOWNSPOUT SCHEDULE FOR DOWNSPOUT MARK NUMBERS

GA0130

Detailer Notes:

1) N/A

Issued: 10.14.22 (2019.052) CERTIFIED ERECTION DETAILS Detail Size (W x H): 1 x 1



WALL SHEETING

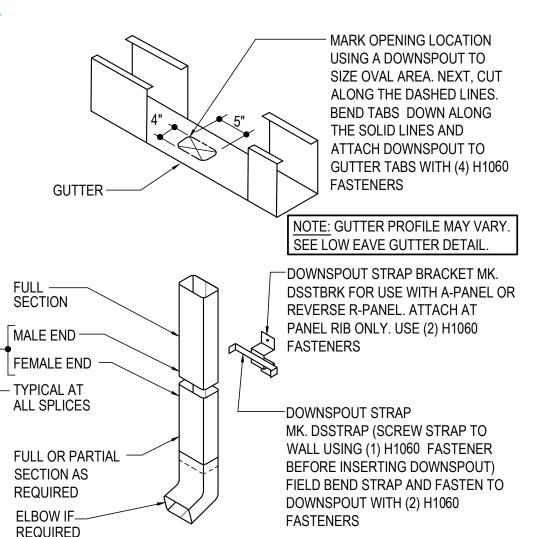
GA0132 - CORRUGATED DOWNSPOUT - NO "S"

Download the DWG file by clicking here.

USE (4) POP RIVETS MK. H1100 AT ALL ELBOW AND DOWNSPOUT CONNECTIONS U.N.O.

ERECTOR NOTES:

- 1. IF PROJECT CONTRACT SPECIFIES "S" SHAPES AT THE BOTTOM OF THE DOWNSPOUT IN LIEU OF ELBOWS, SEE DETAIL GA0105.
- 2. LOCATE ONE DOWNSPOUT STRAP AT EVERY ELBOW AND DOWNSPOUT SPLICE.



DOWNSPOUT STRAP (MK. DSSTRAP) AND STRAP BRACKETS (MK. DSSTBRK) ARE ALSO PROVIDED FOR MASONRY WALL APPLICATIONS AS WELL AS FOR ATTACHMENT TO COLUMNS. FASTENERS TO MASONRY ARE NOT PROVIDED. H1060 FASTENERS ARE PROVIDED FOR COLUMN ATTACHMENT APPLICATIONS, PRE-DRILLING WILL BE REQUIRED.

MK. DSCE

CORRUGATED DOWNSPOUT

REFERENCE DOWNSPOUT SCHEDULE FOR DOWNSPOUT MARK NUMBERS

GA0132

Detailer Notes:

1) N/A

Issued : 10.14.22 (2019.052) **CERTIFIED ERECTION DETAILS** Detail Size (W x H) : 1 x 1



WALL SHEETING

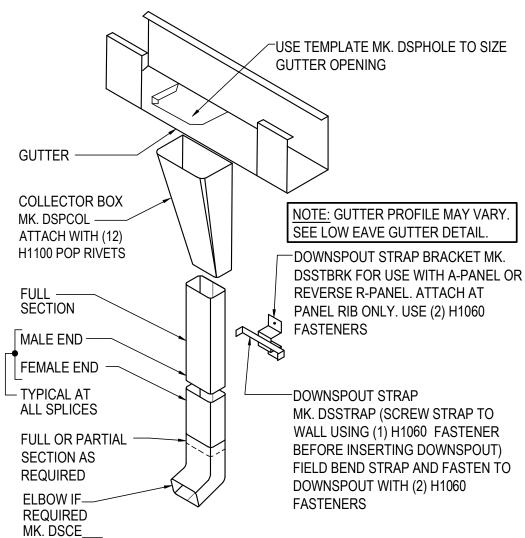
GA0150 - CORRUGATED DOWNSPOUT - COLLECTOR BOX

Download the DWG file by clicking here.

USE (4) POP RIVETS MK. H1100 AT ALL ELBOW AND DOWNSPOUT CONNECTIONS U.N.O.

ERECTOR NOTES:

- 1. IT IS INTENDED FOR THE LEG OF THE COLLECTOR BOX, ADJACENT TO THE WALL, TO BE INSTALLED IN A PLUMB POSITION. FIELD MITERING OF THE TOP OF THE COLLECTOR BOX MAY BE REQUIRED TO ACHIEVE THIS.
- 2. IF PROJECT CONTRACT SPECIFIES "S" SHAPES AT THE BOTTOM OF THE DOWNSPOUT IN LIEU OF ELBOWS, SEE DETAIL GA0105.
- 3. LOCATE ONE DOWNSPOUT STRAP AT EVERY ELBOW AND DOWNSPOUT SPLICE.



DOWNSPOUT STRAP (MK. DSSTRAP) AND STRAP BRACKETS (MK. DSSTBRK) ARE ALSO PROVIDED FOR MASONRY WALL APPLICATIONS AS WELL AS FOR ATTACHMENT TO COLUMNS. FASTENERS TO MASONRY ARE NOT PROVIDED. H1060 FASTENERS ARE PROVIDED FOR COLUMN ATTACHMENT APPLICATIONS, PRE-DRILLING WILL BE REQUIRED.

CORRUGATED DOWNSPOUT - COLLECTOR BOX

REFERENCE DOWNSPOUT SCHEDULE FOR DOWNSPOUT MARK NUMBERS

GA0150

Detailer Notes:

1) N/A

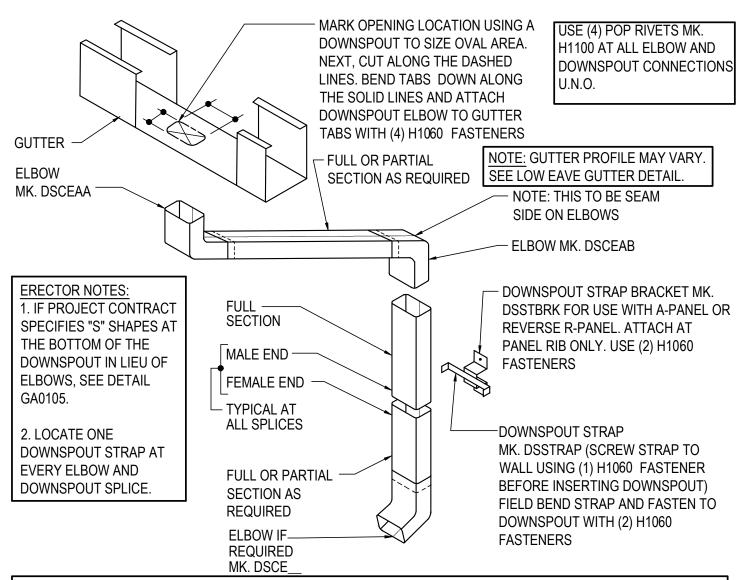
Issued: 10.14.22 (2019.052) CERTIFIED ERECTION DETAILS Detail Size (W x H): 1 x 1



WALL SHEETING

GA0170 - CORRUGATED DOWNSPOUT AT OVERHANG

Download the DWG file by clicking here.



DOWNSPOUT STRAP (MK. DSSTRAP) AND STRAP BRACKETS (MK. DSSTBRK) ARE ALSO PROVIDED FOR MASONRY WALL APPLICATIONS AS WELL AS FOR ATTACHMENT TO COLUMNS. FASTENERS TO MASONRY ARE NOT PROVIDED. H1060 FASTENERS ARE PROVIDED FOR COLUMN ATTACHMENT APPLICATIONS, PRE-DRILLING WILL BE REQUIRED.

CORRUGATED DOWNSPOUT AT OVERHANG

REFERENCE DOWNSPOUT SCHEDULE FOR DOWNSPOUT MARK NUMBERS

GA0170

Detailer Notes:

1) N/A

Issued: 10.14.22 (2019.052) CERTIFIED ERECTION DETAILS Detail Size (W x H): 1 x 1



WALL SHEETING

GA0230 - CORRUGATED DOWNSPOUT AT INSET WALL

Download the DWG file by clicking here.

<u>ERECTOR NOTE;</u>

1. MITERING OF THE "S" WILL BE REQUIRED AT SLOPES OVER 4:12 FOR PROPER LINE UP WITH THE DOWNSPOUT.

2. IF PROJECT CONTRACT SPECIFIES "S" SHAPES AT THE BOTTOM OF THE DOWNSPOUT IN LIEU OF ELBOWS, SEE

USE (4) POP RIVETS MK. H1100 AT ALL ELBOWS, "S", AND DOWNSPOUT SPLICES U.N.O. LISE DOWNSPOUT STRAPS MK. DSSTRAP AS FOLLOWS:

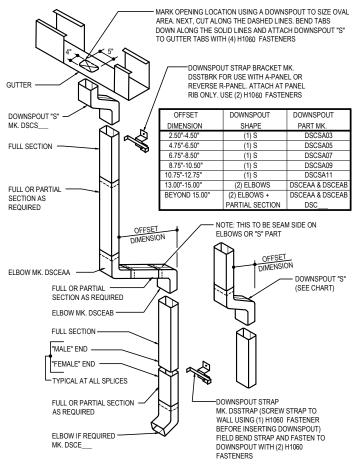
(1) AT DOWNSPOUT "S"

(1) AT THE ELBOW(S) OR "S" AT OFFSET

(1) AT EACH DOWNSPOUT SPLICE

DOWNSPOUT STRAP (MK. DSSTRAP) AND STRAP BRACKETS (MK. DSSTBRK) ARE ALSO PROVIDED FOR MASONRY WALL APPLICATIONS AS WELL AS FOR ATTACHMENT TO COLUMNS. FASTENERS TO MASONRY ARE NOT PROVIDED H1060 FASTENERS ARE PROVIDED FOR COLUMN ATTACHMENT APPLICATIONS, PRE-DRILLING WILL BE REQUIRED.

NOTE: GUTTER PROFILE MAY VARY SEE LOW EAVE GUTTER DETAIL.



CORRUGATED DOWNSPOUT AT INSET WALL

REFERENCE DOWNSPOUT SCHEDULE FOR DOWNSPOUT MARK NUMBERS

GA0230

Detailer Notes:

1) N/A

: 10.14.22 (2019.052) **CERTIFIED ERECTION DETAILS** Detail Size (W x H): 1 x 2 Issued



WALL SHEETING

GA0232 - CORRUGATED DOWNSPOUT AT INSET WALL - NO "S"

Download the DWG file by clicking here.



ERECTOR NOTE:

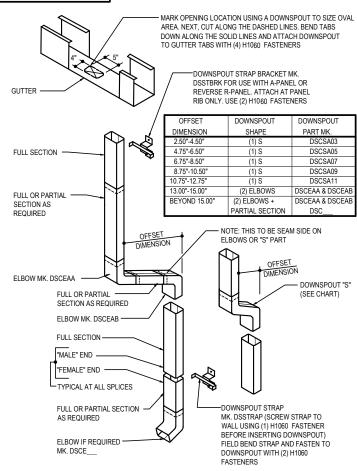
1. IF PROJECT CONTRACT SPECIFIES "S" SHAPES AT THE BOTTOM OF THE DOWNSPOUT IN LIEU OF ELBOWS, SEE DETAIL GA0105.

USE (4) POP RIVETS MK. H1100 AT ALL ELBOWS, "S", AND DOWNSPOUT SPLICES U.N.O. LISE DOWNSPOUT STRAPS

(1) AT THE ELBOW(S) OR "S" AT OFFSET (1) AT EACH DOWNSPOUT SPLICE

DOWNSPOUT STRAP (MK. DSSTRAP) AND STRAP BRACKETS (MK. DSSTBRK) ARE ALSO PROVIDED FOR MASONRY WALL APPLICATIONS AS WELL AS FOR ATTACHMENT TO COLUMNS. FASTENERS TO MASONRY ARE NOT PROVIDED H1060 FASTENERS ARE PROVIDED FOR COLUMN ATTACHMENT APPLICATIONS, PRE-DRILLING WILL BE REQUIRED.

NOTE: GUTTER PROFILE MAY VARY EE LOW EAVE GUTTER DETAIL



CORRUGATED DOWNSPOUT AT INSET WALL

REFERENCE DOWNSPOUT SCHEDULE FOR DOWNSPOUT MARK NUMBERS

GA0232

Detailer Notes:

1) N/A

Issued : 10.14.22 (2019.052) **CERTIFIED ERECTION DETAILS** Detail Size (W x H): 1 x 2



WALL SHEETING

GA0233 - CORRUGATED DOWNSPOUT AT OUTSET WALL

Download the DWG file by clicking here.

<u>ERECTOR NOTE;</u>

1. MITERING OF THE "S" WILL BE REQUIRED AT SLOPES OVER 4:12 FOR PROPER LINE UP WITH THE DOWNSPOUT.

2. IF PROJECT CONTRACT SPECIFIES "S" SHAPES AT THE BOTTOM OF THE DOWNSPOUT IN LIEU OF ELBOWS, SEE

USE (4) POP RIVETS MK. H1100 AT ALL ELBOWS, "S", AND DOWNSPOUT SPLICES U.N.O. LISE DOWNSPOUT STRAPS MK. DSSTRAP AS FOLLOWS:

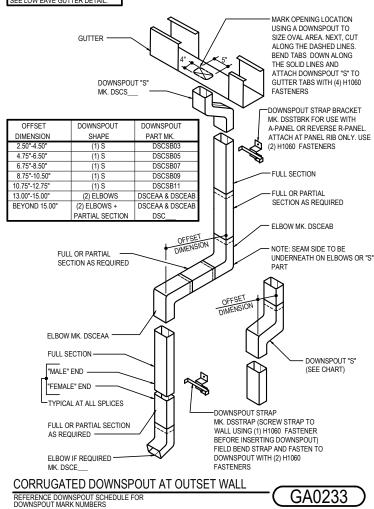
(1) AT DOWNSPOUT "S"

(1) AT THE ELBOW(S) OR "S" AT OFFSET

(1) AT EACH DOWNSPOUT SPLICE

DOWNSPOUT STRAP (MK. DSSTRAP) AND STRAP BRACKETS (MK. DSSTBRK) ARE ALSO PROVIDED FOR MASONRY WALL APPLICATIONS AS WELL AS FOR ATTACHMENT TO COLUMNS. FASTENERS TO MASONRY ARE NOT PROVIDED H1060 FASTENERS ARE PROVIDED FOR COLUMN ATTACHMENT APPLICATIONS, PRE-DRILLING WILL BE REQUIRED.

NOTE: GUTTER PROFILE MAY VARY EE LOW EAVE GUTTER DETAIL



Detailer Notes:

1) N/A

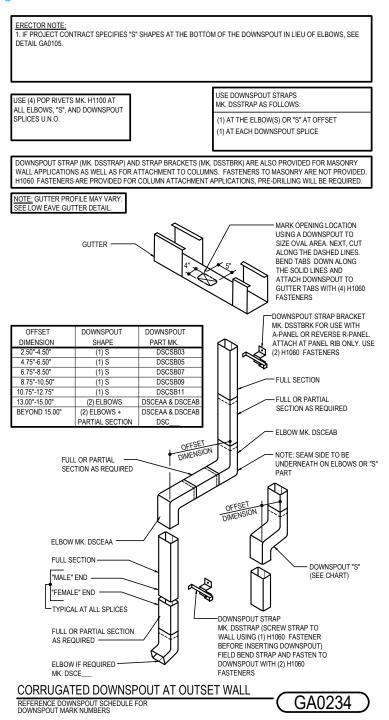
Issued : 10.14.22 (2019.052) **CERTIFIED ERECTION DETAILS** Detail Size (W x H): 1 x 2



WALL SHEETING

GA0234 - CORRUGATED DOWNSPOUT AT OUTSET WALL - NO "S"

Download the DWG file by clicking here.



Detailer Notes:

1) N/A

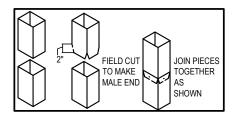
Issued : 10.14.22 (2019.052) **CERTIFIED ERECTION DETAILS** Detail Size (W x H): 1 x 2

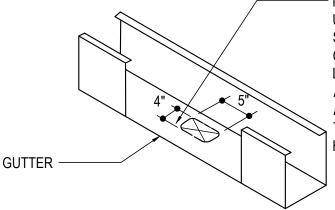


WALL SHEETING

GA0302 - PRESS-BROKE DOWNSPOUT

Download the DWG file by clicking here.





MARK OPENING LOCATION USING A DOWNSPOUT TO SIZE OVAL AREA. NEXT, CUT ALONG THE DASHED LINES. BEND TABS DOWN ALONG THE SOLID LINES AND ATTACH DOWNSPOUT TO GUTTER TABS WITH (4) H1060 FASTENERS

NOTE: GUTTER PROFILE MAY VARY. SEE LOW EAVE GUTTER DETAIL.

LOCATE ONE DOWNSPOUT STRAP AT EVERY DOWNSPOUT SPLICE

USE (4) POP RIVETS MK. H1100 AT ALL SPLICES AND AT KICKOUT U.N.O.

ERECTOR NOTE:

FIELD WORK (2) ELBOWS AS REQUIRED AT INSET / OUTSET WALL CONDITION.

"MALE" END
"FEMALE" END
TYPICAL AT
ALL SPLICES

FULL OR PARTIAL
SECTION AS REQ'D

KICKOUT IF REQUIRED
MK. DSPKICK

DOWNSPOUT STRAP BRACKET MK.
DSSTBRK FOR USE WITH A-PANEL
OR REVERSE R-PANEL. ATTACH AT
PANEL RIB ONLY. USE (2) H1060
FASTENERS

DOWNSPOUT STRAP
MK. DSSTRAP (SCREW STRAP TO
WALL USING (1) H1060 FASTENER
BEFORE INSERTING DOWNSPOUT)
FIELD BEND STRAP AND FASTEN TO
DOWNSPOUT WITH (2) H1060
FASTENERS

DOWNSPOUT STRAP (MK. DSSTRAP) AND STRAP BRACKETS (MK. DSSTBRK) ARE ALSO PROVIDED FOR MASONRY WALL APPLICATIONS AS WELL AS FOR ATTACHMENT TO COLUMNS. FASTENERS TO MASONRY ARE NOT PROVIDED. H1060 FASTENERS ARE PROVIDED FOR COLUMN ATTACHMENT APPLICATIONS, PRE-DRILLING WILL BE REQUIRED.

PRESS-BROKE DOWNSPOUT

REFERENCE DOWNSPOUT SCHEDULE FOR DOWNSPOUT MARK NUMBERS

GA0302

Detailer Notes:

1) N/A

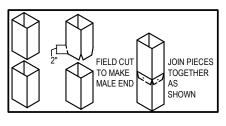
Issued: 05.08.23 (MR2023.05) CERTIFIED ERECTION DETAILS Detail Size (W x H): 1 x 1



WALL SHEETING

GA0310 - PRESS-BROKE DOWNSPOUT - COLLECTOR BOX

Download the DWG file by clicking here.

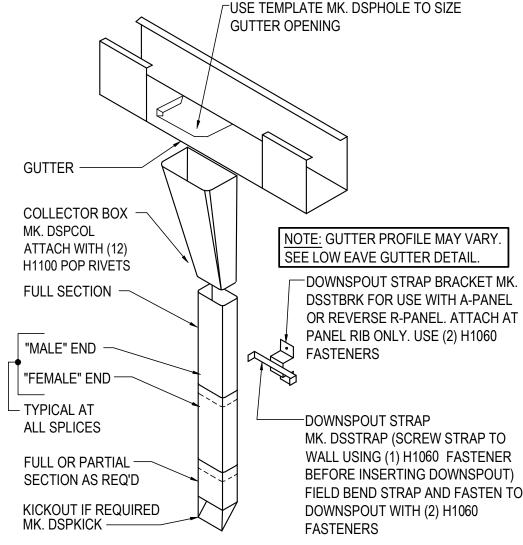


LOCATE ONE DOWNSPOUT STRAP AT EVERY DOWNSPOUT SPLICE

USE (4) POP RIVETS MK. H1100 AT ALL SPLICES AND AT KICKOUT U.N.O.

ERECTOR NOTE:

FIELD WORK (2) ELBOWS AS REQUIRED AT INSET / OUTSET WALL CONDITION.



DOWNSPOUT STRAP (MK. DSSTRAP) AND STRAP BRACKETS (MK. DSSTBRK) ARE ALSO PROVIDED FOR MASONRY WALL APPLICATIONS AS WELL AS FOR ATTACHMENT TO COLUMNS. FASTENERS TO MASONRY ARE NOT PROVIDED. H1060 FASTENERS ARE PROVIDED FOR COLUMN ATTACHMENT APPLICATIONS, PRE-DRILLING WILL BE REQUIRED.

PRESS-BROKE DOWNSPOUT - COLLECTOR BOX

REFERENCE DOWNSPOUT SCHEDULE FOR DOWNSPOUT MARK NUMBERS

GA0310

Detailer Notes:

1) N/A

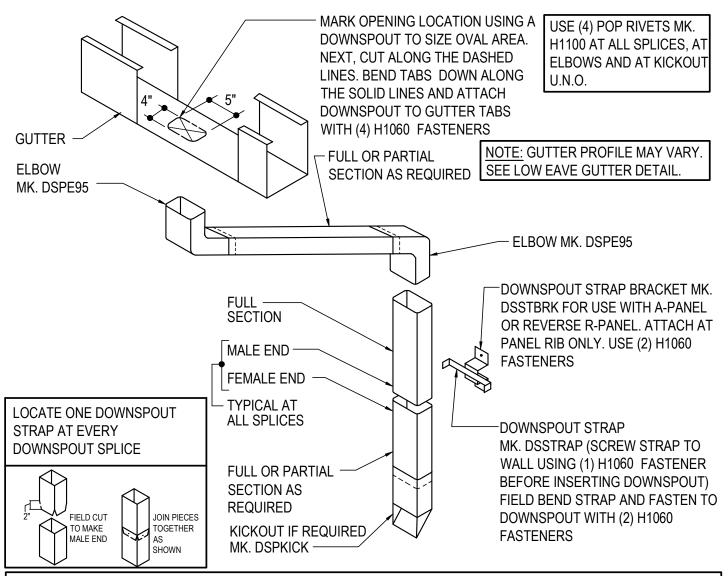
Issued: 05.08.23 (MR2023.05) CERTIFIED ERECTION DETAILS Detail Size (W x H): 1 x 1



WALL SHEETING

GA0320 - PRESS-BROKE DOWNSPOUT AT OVERHANG

Download the DWG file by clicking here.



DOWNSPOUT STRAP (MK. DSSTRAP) AND STRAP BRACKETS (MK. DSSTBRK) ARE ALSO PROVIDED FOR MASONRY WALL APPLICATIONS AS WELL AS FOR ATTACHMENT TO COLUMNS. FASTENERS TO MASONRY ARE NOT PROVIDED. H1060 FASTENERS ARE PROVIDED FOR COLUMN ATTACHMENT APPLICATIONS, PRE-DRILLING WILL BE REQUIRED.

PRESS-BROKE DOWNSPOUT AT OVERHANG

REFERENCE DOWNSPOUT SCHEDULE FOR DOWNSPOUT MARK NUMBERS

GA0320

Detailer Notes:

1) N/A

Issued: 05.08.23 (MR2023.05) CERTIFIED ERECTION DETAILS Detail Size (W x H): 1 x 1



WALL SHEETING

GA0330 - PRESS-BROKE DOWNSPOUT AT INSET WALL

Download the DWG file by clicking here.

USE POP RIVETS
MK. H1100 AS FOLLOWS:

(4) AT KICKOUT
(4) AT THE ELBOW(S)
(4) AT EACH DOWNSPOUT SPLICE

USE DOWNSPOUT STRAPS MK. DSSTRAP AS FOLLOWS:

(1) AT THE ELBOW(S)

(1) AT EACH DOWNSPOUT SPLICE

DOWNSPOUT STRAP (MK. DSSTRAP) AND STRAP BRACKETS (MK. DSSTBRK) ARE ALSO PROVIDED FOR MASONRY WALL APPLICATIONS AS WELL AS FOR ATTACHMENT TO COLUMNS. FASTENERS TO MASONRY ARE NOT PROVIDED. H1060 FASTENERS ARE PROVIDED FOR COLUMN ATTACHMENT APPLICATIONS, PRE-DRILLING WILL BE REQUIRED.

NOTE: GUTTER PROFILE MAY VARY SEE LOW EAVE GUTTER DETAIL MARK OPENING LOCATION USING A DOWNSPOUT TO SIZE OVAL AREA. NEXT, CUT ALONG THE DASHED LINES. BEND TABS DOWN ALONG THE SOLID LINES AND ATTACH DOWNSPOUT TO GUTTER TABS WITH (4) H1060 GUTTER FASTENERS DOWNSPOUT STRAP BRACKET MK. DSSTBRK FOR USE WITH A-PANEL OR REVERSE R-PANEL. ATTACH AT PANEL RIB ONLY. USE (2) H1060 FASTENERS FULL SECTION FULL OR PARTIAL SECTION AS REQUIRED OFFSET DIMENSION FLBOW MK_DSPE95 FULL OR PARTIAL SECTION AS REQUIRED ELBOW MK. DSPE95 FULL SECTION "MALE" END "FEMALE" END TYPICAL AT ALL SPLICES DOWNSPOUT STRAP FULL OR PARTIAL SECTION MK. DSSTRAP (SCREW STRAP TO AS REQUIRED WALL USING (1) H1060 FASTENER BEFORE INSERTING DOWNSPOUT)

PRESS-BROKE DOWNSPOUT AT INSET WALL REFERENCE DOWNSPOUT SCHEDULE FOR DOWNSPOUT MARK NUMBERS

KICKOUT IF REQUIRED

MK. DSPKICK

GA0330

FIELD BEND STRAP AND FASTEN TO

DOWNSPOUT WITH (2) H1060 FASTENERS

Detailer Notes:

1) N/A

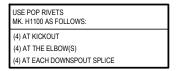
Issued: 05.08.23 (MR2023.05) CERTIFIED ERECTION DETAILS Detail Size (W x H): 1 x 2



WALL SHEETING

GA0331 - PRESS-BROKE DOWNSPOUT AT OUTSET WALL

Download the DWG file by clicking here.

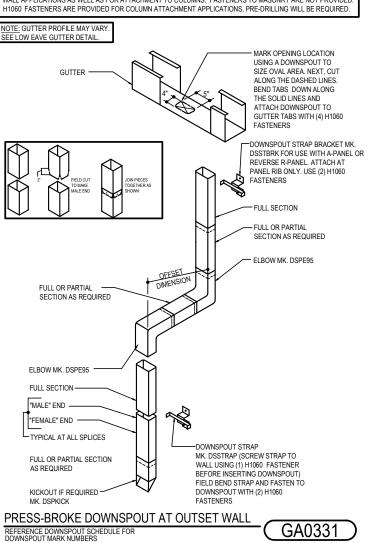


USE DOWNSPOUT STRAPS

(1) AT THE ELBOW(S)

(1) AT EACH DOWNSPOUT SPLICE

DOWNSPOUT STRAP (MK. DSSTRAP) AND STRAP BRACKETS (MK. DSSTBRK) ARE ALSO PROVIDED FOR MASONRY WALL APPLICATIONS AS WELL AS FOR ATTACHMENT TO COLUMNS. FASTENERS TO MASONRY ARE NOT PROVIDED. H1060 FASTENERS ARE PROVIDED FOR COLUMN ATTACHMENT APPLICATIONS, PRE-DRILLING WILL BE REQUIRED.



Detailer Notes:

1) N/A

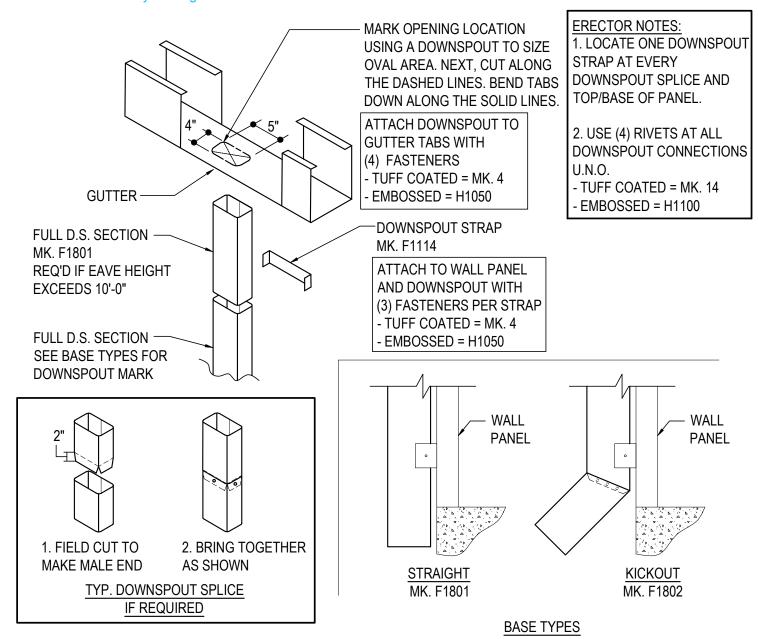
Issued : 05.08.23 (MR2023.05) **CERTIFIED ERECTION DETAILS** Detail Size (W x H): 1 x 2



WALL SHEETING

GA0400 - EMBOSSED OR TUFF COATED PRESS-BROKE DOWNSPOUT

Download the DWG file by clicking here.



EMBOSSED OR TUFF COATED DOWNSPOUT

REFERENCE DOWNSPOUT SCHEDULE FOR DOWNSPOUT MARK NUMBERS

GA0400

Detailer Notes:

- 1) PROVIDE THIS DETAIL UNDER THE FOLLOWING CONDITIONS:
 - IMP PROJECTS THAT HAVE BOTH EMBOSSED TRIMS <u>AND</u> PRESS-BROKE DOWNSPOUTS SELECTED.
 - IMP PROJECTS WITH TUFF COATED WALL PANELS.

Issued : 06.13.23 (2023.007) **CERTIFIED ERECTION DETAILS** Detail Size (W x H) : 1 x 1