NUCOR® BUILDINGS GROUP

TABLE OF CONTENTS

GENERAL (URBAN SERIES PANEL)

GA3000 - METRO & SKYLINE WALL SHEETING GENERAL NOTES

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BUILDING & PANEL PREPARATION

STEP 1: PLUMB AND SQUARE
THE FIRST STEP IN THE SUCCESSFUL INSTALLATION OF WALL PANELS IS TO HAVE THE PRIMARY FRAMING PLUMB AND SQUARE. FOR BEST RESULTS, IT IS RECOMMENDED THAT A TRANSIT BE USED WHEN ERECTING THE STRUCTURAL STEEL. MAKE SURE THAT THE FOUNDATION AND BUILDING STRUCTURE IS SQUARE, LEVEL, AND CORRECT TO THE OUT-TO-OUT STEEL LINE DIMENSIONS.
SEE FIGURE "A"

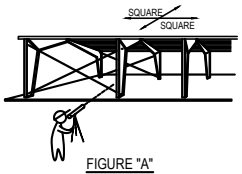


FIGURE "A"

STEP 2: GIRT BLOCKING
BLOCK GIRTS TO "LEVEL" POSITION BEFORE STARTING THE WALL SHEETING OR INSULATION. CHECK TO BE SURE THAT THE EAVE STRUT AND GIRTS ARE STRAIGHT AND PLUMB. TO ALIGN THE GIRTS, CUT TEMPORARY WOOD BLOCKING TO THE PROPER LENGTH AND INSTALL BETWEEN THE LINES OF GIRTS. THIS BLOCKING CAN BE MOVED FROM BAY TO BAY WHICH WILL REDUCE THE NUMBER OF PIECES REQUIRED. NORMALLY, ONE LINE OF BLOCKING PER BAY WILL BE SUFFICIENT BUT WIDER BAYS MAY REQUIRE MORE. IT IS RECOMMENDED TO BLOCK AT LEAST TWO BAYS AND LEAP FROG THE BLOCKING AS A BAY IS SHEETED. BLOCKING SHOULD NOT BE REMOVED UNTIL THE FULL BAY HAS BEEN SHEETED.
SEE FIGURE "B"

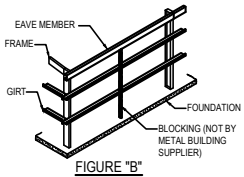


FIGURE "B"

STEP 3: PRE-DRILL PANEL LAP
STACK PANELS WITH ENDS FLUSH ON A LEVEL PLACE ON THE GROUND IN PILES 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 TIGHTLY TOGETHER AT EACH END WITH CLAMPING PLIERS. CAREFULLY MARK POSITIONS FOR SIDE-LAP FASTENERS ON TOP OF HIGH RIB. DRILL HOLES FOR "STITCH" FASTENER (USE #1,-7/32" - 15/64" DRILL-BIT) ON TOP SHEET OF SIDE-LAP. BE SURE PANELS ARE WELL NESTED BEFORE DRILLING.
SEE FIGURE "C"

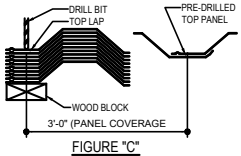


FIGURE "C"

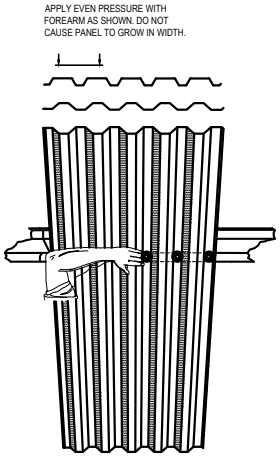
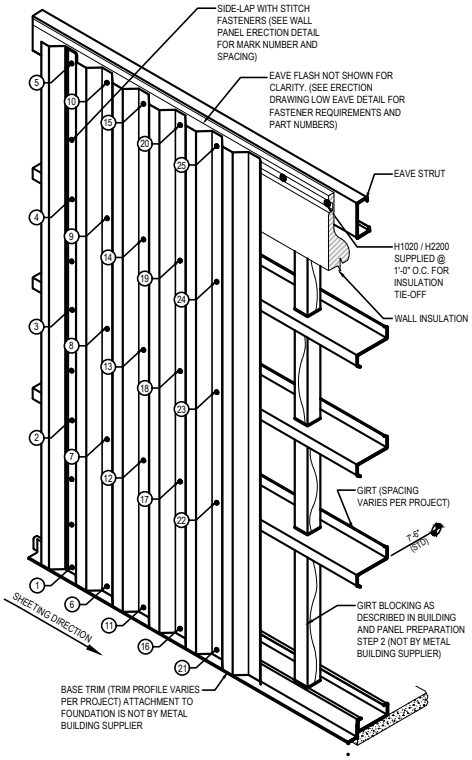


FIGURE "E"



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 CREATING LARGER GAP AT RIB OF PANEL.

FIGURE "D"

FIELD CUTTING PANELS

WHEN FIELD CUTTING OR MITERING WALL PANELS, NON-ABRASIVE CUTTING TOOLS SUCH AS NIBBLERS OR TIN-SNIPS SHALL BE USED. ABRASIVE CUTTING TOOLS SUCH AS MECHANICAL GRINDERS OR POWER SAWS CAN DAMAGE THE MATERIAL FINISH 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

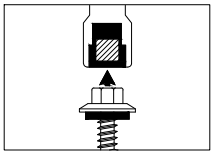
DO NOT USE IMPACTING TOOLS
TO ASSURE PROPER VOLTAGE TO THE TOOL, EXTENSION CORDS SHOULD BE CHECKED FOR PROPER WIRE SIZE/CHORD LENGTH.
- 16 GAGE WIRE, MAXIMUM CHORD LENGTH = 100'
- 14 GAGE WIRE, MAXIMUM CHORD LENGTH = 200'
- 12 GAGE WIRE, MAXIMUM CHORD LENGTH = 300'

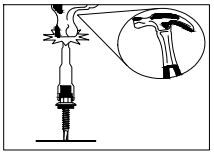
DRIVING TIPS:
SET THE NUT DRIVER AS DESCRIBED BELOW PRIOR TO INSTALLING FASTENERS TO PREVENT FASTENER WOBBLE...

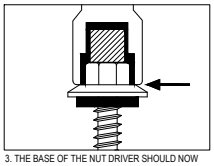
COMPRESS THE INSULATION AT FASTENER LOCATION WITH ONE HAND WHILE DRIVING THE FASTENER WITH THE OTHER. THIS WILL HELP KEEP THE PANEL FLAT AND PREVENT THE FASTENER FROM "WALKING". DRIVE FASTENERS PERPENDICULAR TO PANEL SURFACE.

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.


1. 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.


2. PLACE THE POINT OF THE FASTENER ONTO A HARD SURFACE AND FIRMLY HIT THE TOP OF THE NUT DRIVER 2-3 TIMES.


3. THE BASE OF THE NUT DRIVER SHOULD NOW BE CONTACTING THE TOP OF THE HEAD OF THE FASTENER WITH NO GAPS.

4. BAD SET VS. GOOD SET.

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 PROCESS.

PLACE A 1/8" 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 / MODULARITY. SOME APPLICATIONS MAY REQUIRE MODIFIED SEQUENCE AND WILL BE BEST DETERMINED IN THE FIELD. DO NOT ATTACH PANEL AT BASE AND TOP AND WORK TOWARD THE MIDDLE OF THE PANEL. THIS CREATES OIL CANNING. MANUFACTURER IS NOT RESPONSIBLE FOR FINAL APPEARANCE OF INSTALLED PANEL.

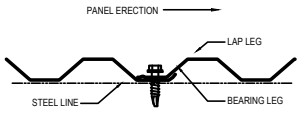
STEP 2: INSTALL SUBSEQUENT PANELS
INSTALL THE SECOND PANEL BY LAYING THE LAP EDGE OVER THE BEARING RIB OF THE FIRST PANEL. SEE BELOW FOR PROPER ALIGNMENT AT SIDE-LAP. CHECK PANEL PLUMBNESS AND FASTEN PANEL IN THE SAME SEQUENCE STARTING WITH THE STRUCTURAL FASTENERS ALONG THE LAP TO ENSURE A TIGHT SIDE-LAP. CONTINUE FOR THE REMAINDER OF THE WALL, CUTTING PANELS AROUND FRAMED OPENINGS AS REQUIRED. (TRIM SHOULD BE INSTALLED AROUND OPENINGS PRIOR TO INSTALLING PANEL)

RECOMMENDED TIPS:
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.

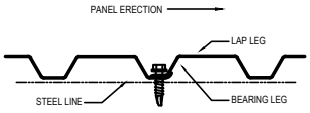
PANEL ORIENTATION AND ALIGNMENT

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.

METRO PANEL



SKYLINE PANEL



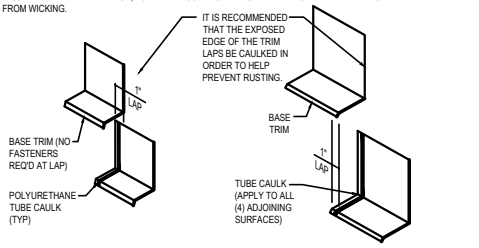
BASE TRIM LAP SEALANT

AT BASE TRIM LAPS, APPLY A BEAD OF POLYURETHANE TUBE CAULK (H3152) TO ALL ADJOINING SURFACES AND LAP 1". SEE BASE TRIM DETAIL FOR THE SPECIFIC TRIM FOR YOUR PROJECT.

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

FIELD MITER BASE TRIM AT CORNERS.

INSULATION HINT: AT THE BASE, FOLD THE INSULATION VAPOR BARRIER OVER THE FIBER TO HELP PREVENT WATER FROM WICKING.



WALL SHEETING GENERAL NOTES

FOR METRO & SKYLINE PANEL TYPES

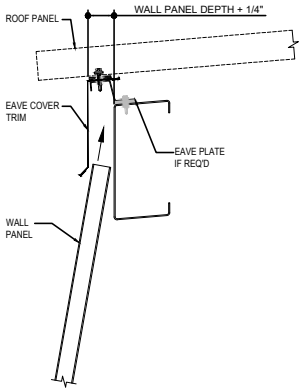
GA3000

Detailer Notes:

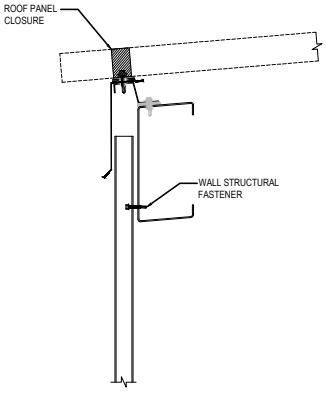
1) THIS DETAIL IS REQUIRED ON EVERY PROJECT WITH URBAN SERIES WALL PANEL.

GA3001 - ROOF SHEETING PRIOR TO WALL SHEETING INSTRUCTIONS

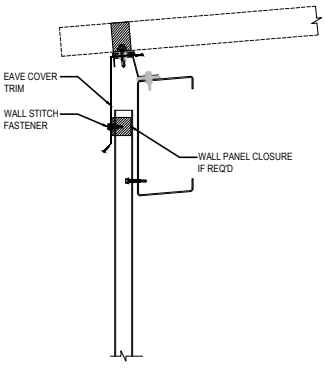
Download the DWG file by clicking here.



STEP 1:
SEE INSTRUCTION NO. 4 & 5



STEP 2:
SEE INSTRUCTION NO. 5 & 6



STEP 3:
SEE INSTRUCTION NO. 7

INSTRUCTIONS:

1. PRIOR TO SHEETING THE ROOF OR WALL, THE STRUCTURAL FRAMING MUST BE SQUARE AND PLUMB.
2. BLOCK OR SUPPORT THE GIRTS AND EAVE STRUT TO PREVENT THE SUB FRAMING FROM SAGGING. BLOCKING MUST BE USED BETWEEN ENDWALL COLUMNS AND SIDEWALL COLUMNS AND SHOULD REMAIN IN PLACE UNTIL ALL WALL SHEETS ARE INSTALLED.
3. IF AN EAVE PLATE IS REQUIRED, INSTALL IT ACCORDING TO THE GENERAL INSTALLATION DETAIL.
4. PLACE MASTIC ON TOP OF EAVE MEMBER (OR EAVE PLATE, IF PRESENT). PLACE THE EAVE PLATE ON THE EAVE STRUT, LEAVING AN OPENING BETWEEN THE OUTSIDE FACE OF STEEL AND EDGE OF EAVE PLATE THAT SHOULD BE A 1/4" WIDER THAN THE WALL PANEL DEPTH. SECURE THE EAVE PLATE WITH H1020 FASTENERS LOCATED 0'-6" O.C. THESE ARE PERMANENT FASTENERS AND MUST BE INSTALLED. INSTALL EAVE COVER TRIM (TEMPORARY FASTENERS MAY BE REQUIRED). EAVE COVER TRIM IS HELD IN PLACE BY ROOF FASTENERS AT EAVE AND MUST BE INSTALLED WITH ROOF PANEL.
5. INSTALL THE ROOF PANELS AND ROOF INSULATION ACCORDING TO THE APPROPRIATE CERTIFIED ERECTION DETAILS. REMEMBER THE ROOF PANEL OVERHANG DIMENSION IS USUALLY FROM THE FACE OF THE STEEL AND SHOULD BE MEASURED AS REQUIRED BY THE CERTIFIED ERECTION DETAILS.
6. WALL PANELS AND WALL INSULATION MAY NOW BE INSTALLED. SECURE THE WALL INSULATION TO THE FACE OF THE EAVE STRUT AND FLOOR MEMBER ACCORDING TO MANUFACTURERS RECOMMENDATIONS. SLIDE THE WALL PANEL BETWEEN THE EAVE STRUT AND EAVE COVER TRIM, PLUMB THE PANEL AND SECURE WITH WALL STRUCTURAL FASTENERS. FASTENERS MUST BE INSTALLED BELOW THE EAVE COVER TRIM.
7. INSTALL THE WALL PANEL CLOSURE (IF REQ'D) AND SECURE THE EAVE COVER TRIM TO THE WALL PANELS USING WALL STITCH FASTENERS.

ROOF SHEETING PRIOR TO WALL SHEETING INSTRUCTIONS

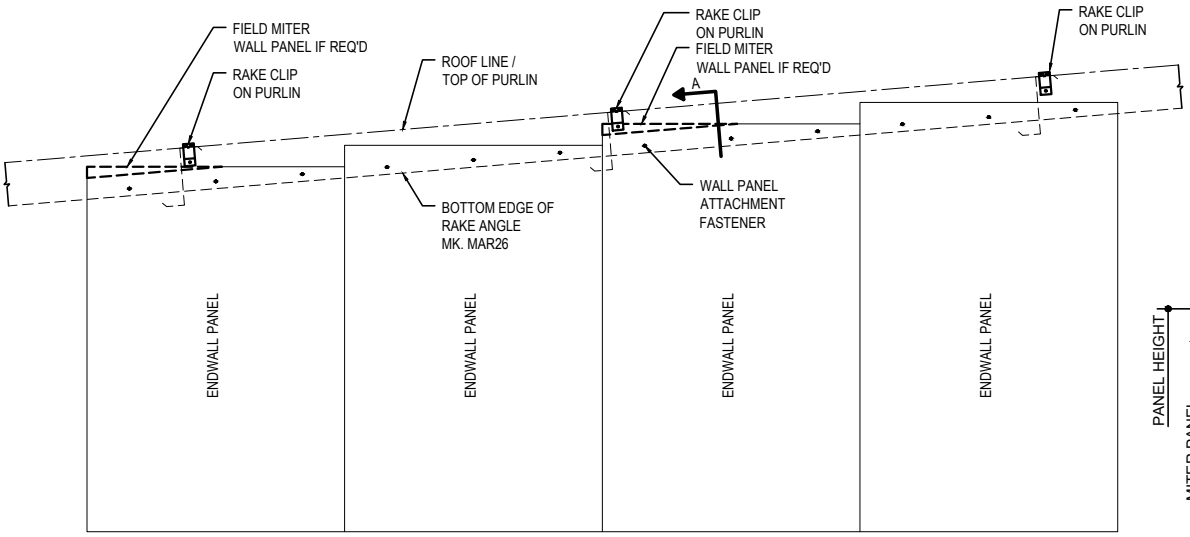
GA3001

Detailer Notes:

1) N/A

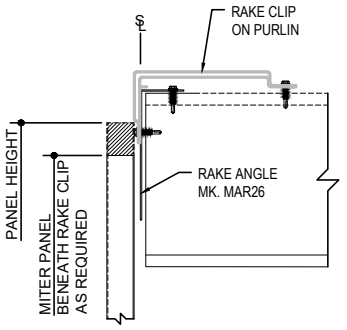
GA3002 - ENDWALL BEVEL CUTTING REQUIREMENTS - 1:12 ROOF SLOPES OR LESS

Download the DWG file by clicking here.



NOTE:

IF WALL PANELS ARE INSTALLED BEFORE THE ROOF, SOME PANEL MITERING MAY BE REQUIRED IF RAKE CLIPS INTERFERE WITH WALL PANELS.



SECTION A

ENDWALL BEVEL CUTTING REQUIREMENTS - 1:12 ROOF SLOPES OR LESS

SEE WALL SHEETING ERECTION NOTES FOR WALL PANEL FASTENER LOCATIONS

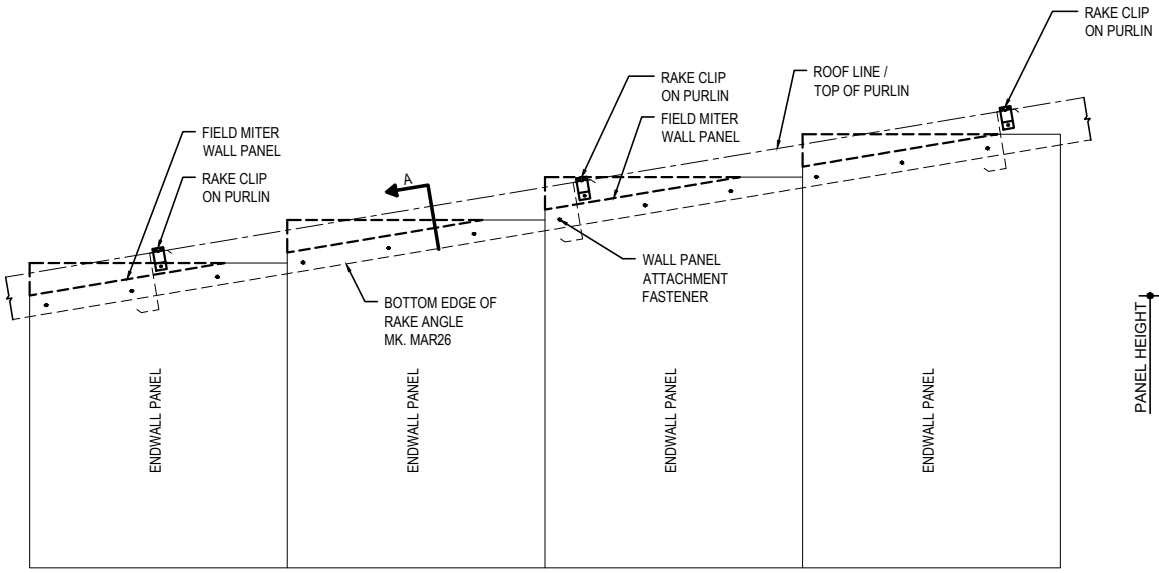
GA3002

Detailer Notes:

1) N/A

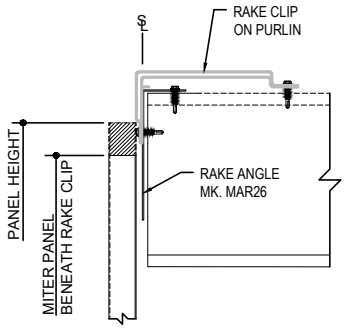
GA3003 - ENDWALL BEVEL CUTTING REQUIREMENTS - GREATER THAN 1:12 ROOF SLOPES

Download the DWG file by clicking here.



NOTE:

FOR ROOF SLOPES GREATER THAN 1:12, ALL ENDWALL PANELS WILL BE REQUIRED TO BE MITERED.



SECTION A

ENDWALL BEVEL CUTTING REQUIREMENTS - GREATER THAN 1:12 ROOF SLOPES

SEE WALL SHEETING ERECTION NOTES FOR WALL PANEL FASTENER LOCATIONS

GA3003

Detailer Notes:

1) N/A

GA3005 - WALL PANEL CLOSURES - ALL
Download the DWG file by clicking here.

CONTRACT SELECTION: ALL CONDITIONS, IF APPLICABLE

- ☒ BLDG. RAKE PARAPET: CLOSURES ALWAYS PROVIDED - STRAIGHT CLOSURES PROVIDED UP TO 1 1/2:12 BEVELED CLOSURES UP 9:12
- ☒ BLDG. HIGH EAVE PARAPET: CLOSURES ALWAYS PROVIDED - STRAIGHT CLOSURES
- ☒ BLDG. PARAPET GUTTER: CLOSURES ALWAYS PROVIDED - STRAIGHT CLOSURES
- ☒ EAVE/RAKE EXTENSION WITH SOFFIT 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

GA3005

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) DETAIL TO BE PLACED ONE TIME IN A DRAWING SET, AT THE BEGINNING OF THE SHEETING DETAILS.

GA3006 - WALL PANEL CLOSURES - SPECIFIC

Download the DWG file by clicking here.

CONTRACT SELECTION: SPECIFIC CONDITIONS, IF APPLICABLE

- [x] BLDG. RAKE PARAPET: CLOSURES ALWAYS PROVIDED - STRAIGHT CLOSURES PROVIDED UP TO 1 1/2:12 BEVELED CLOSURES UP 9:12
- [x] BLDG. HIGH EAVE PARAPET: CLOSURES ALWAYS PROVIDED - STRAIGHT CLOSURES
- [x] BLDG. PARAPET GUTTER: CLOSURES ALWAYS PROVIDED - STRAIGHT CLOSURES
- [x] EAVE/RAKE EXTENSION WITH SOFFIT PANEL: CLOSURES ALWAYS PROVIDED
- [x] INSET/RECESSED WALLS: CLOSURES ALWAYS PROVIDED
- [x] BOXED CANOPIES: CLOSURES ALWAYS PROVIDED
- [x] 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

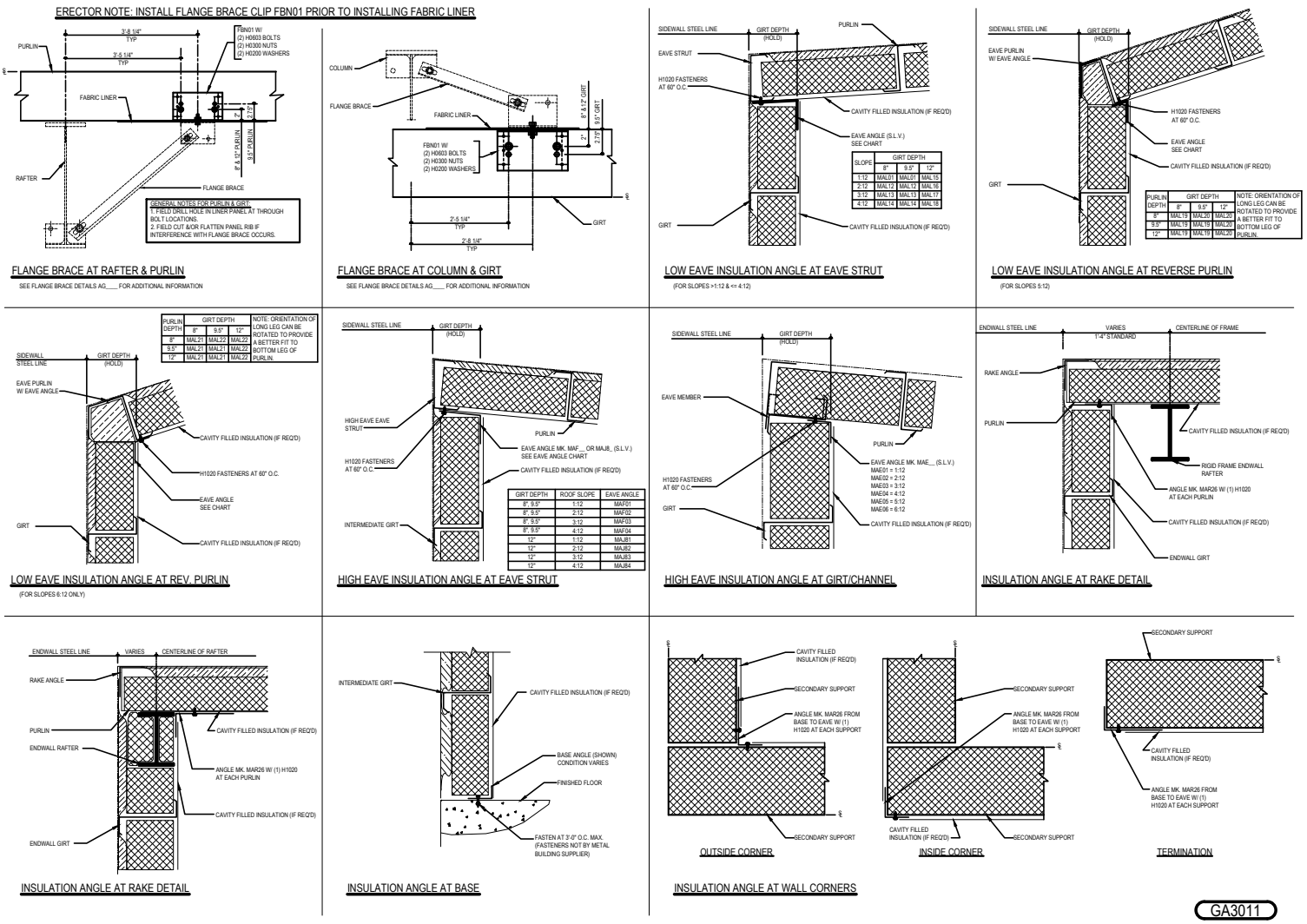
GA3006

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) DETAIL TO BE PLACED ONE TIME IN A DRAWING SET, AT THE BEGINNING OF THE SHEETING DETAILS.

GA3011 - CAVITY FILLED INSULATION - EAVE & RAKE ANGLE

Download the DWG file by clicking here.

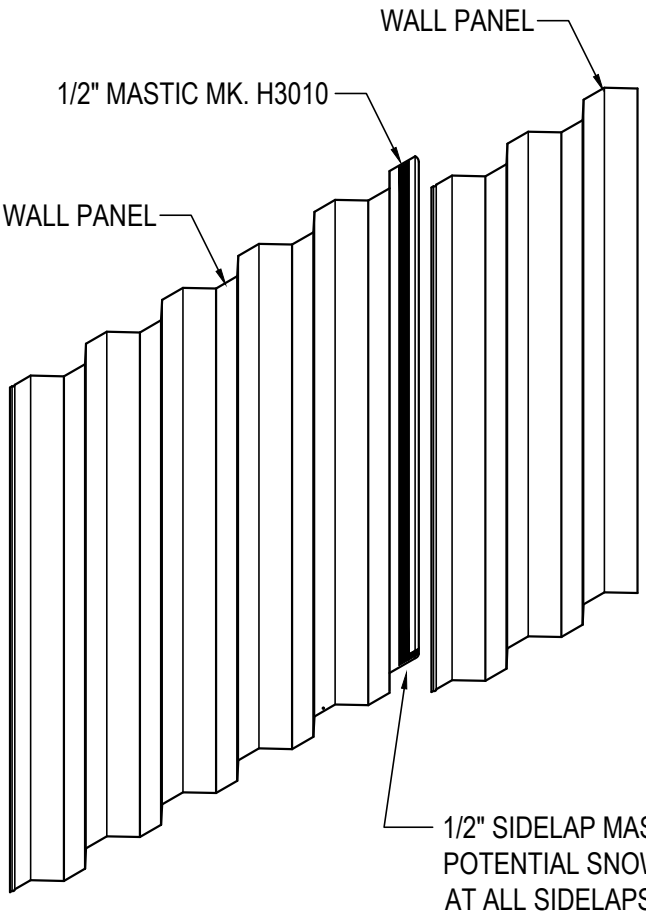


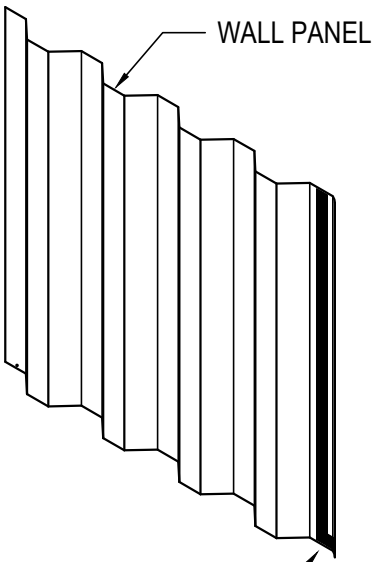
Detailer Notes:

1) THIS DETAIL IS ALWAYS REQUIRED WITH CAVITY INSULATION.

GA3015 - METRO & SKYLINE PANEL SIDELAP AT POTENTIAL SNOW DRIFT AREAS

Download the DWG file by clicking here.





PROFILE SHOWN FOR REFERENCE ONLY. DETAIL APPLIES TO ALL PANEL PROFILES

1/2" SIDELAP MASTIC (H3010) DUE TO POTENTIAL SNOW DRIFTING. APPLY MASTIC AT ALL SIDELAPS AND CORNER TRIMS UP TO 10'-0" ABOVE THE ROOF LINE. NOTE: THE MASTIC SHOULD ALSO FOLLOW THE RIB PROFILE AT THE BOTTOM OF THE PANEL (SEE THE DETAIL AT ABOVE RIGHT).

PANEL SIDELAP DETAIL AT POTENTIAL SNOW DRIFT AREAS

SEE WALL SHEETING ELEVATIONS FOR LOCATIONS

GA3015

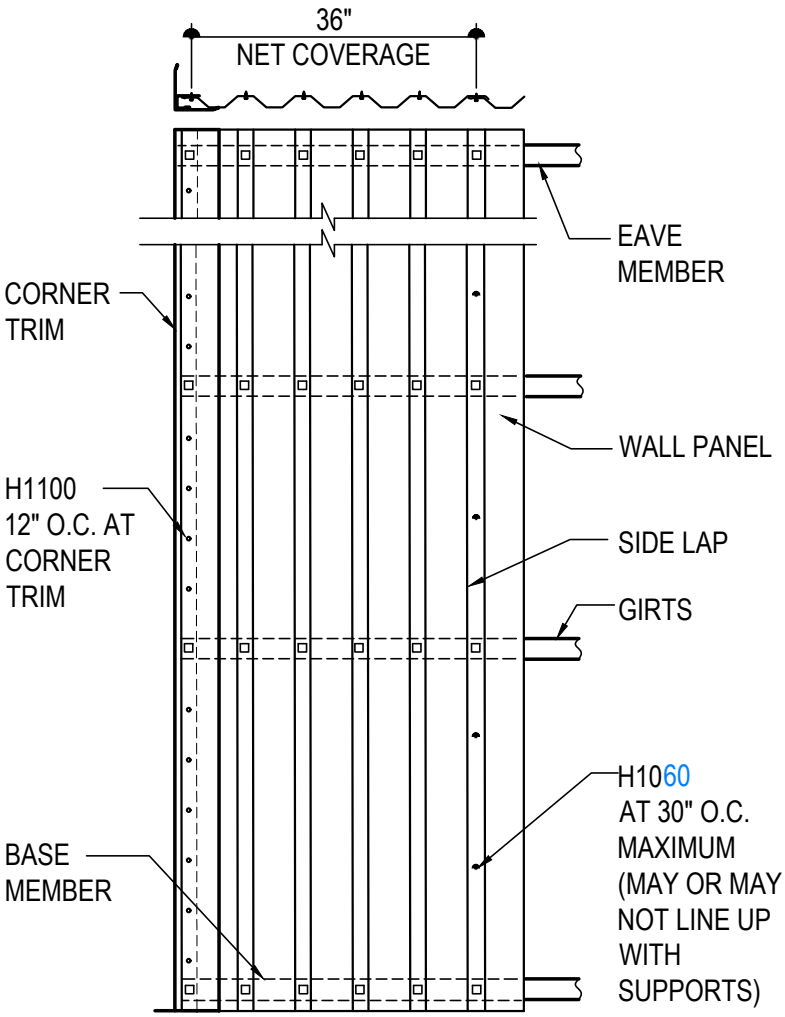
Detailer Notes:

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

GA3020 - WALL PANEL ERECTION - METRO PANEL

Download the DWG file by clicking here.

- H1100 POP RIVET FASTENER
- H1060 STITCH FASTENER
- H1040 STRUCTURAL FASTENER
- H1070 STRUCTURAL FASTENER AT HR MATERIAL



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.

METRO WALL PANEL ERECTION

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

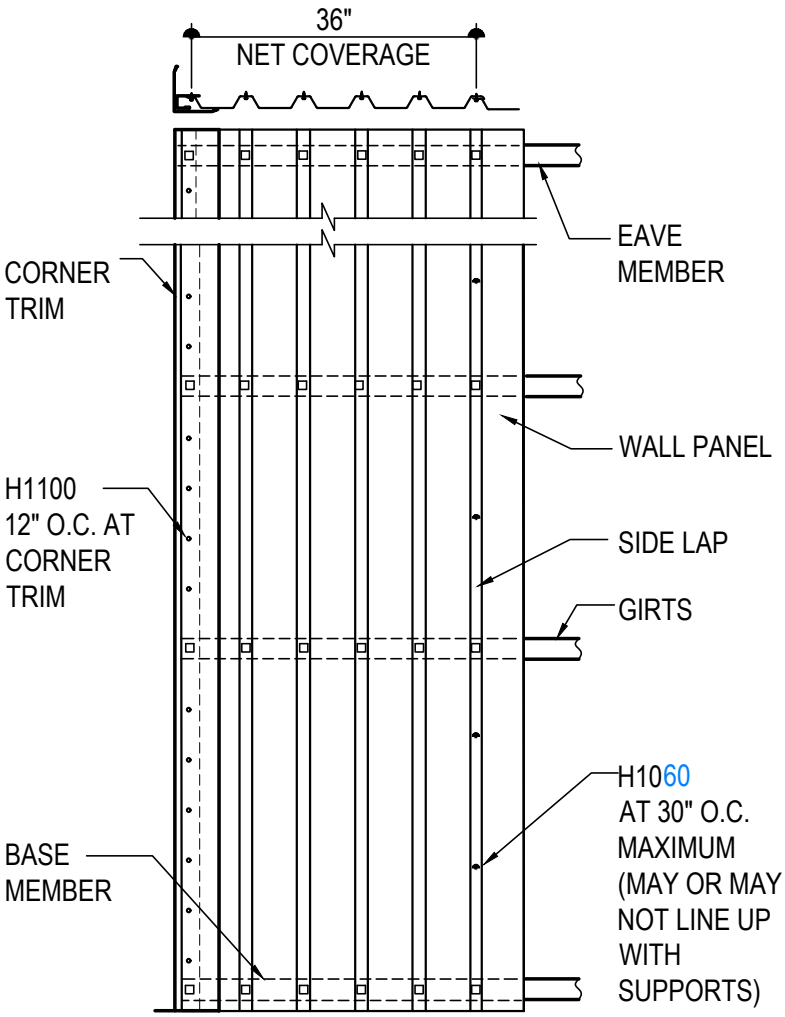
GA3020

Detailer Notes:

GA3030 - WALL PANEL ERECTION - SKYLINE PANEL

Download the DWG file by clicking here.

- H1100 POP RIVET FASTENER
- H1060 STITCH FASTENER
- H1040 STRUCTURAL FASTENER
- H1070 STRUCTURAL FASTENER AT HR MATERIAL



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.

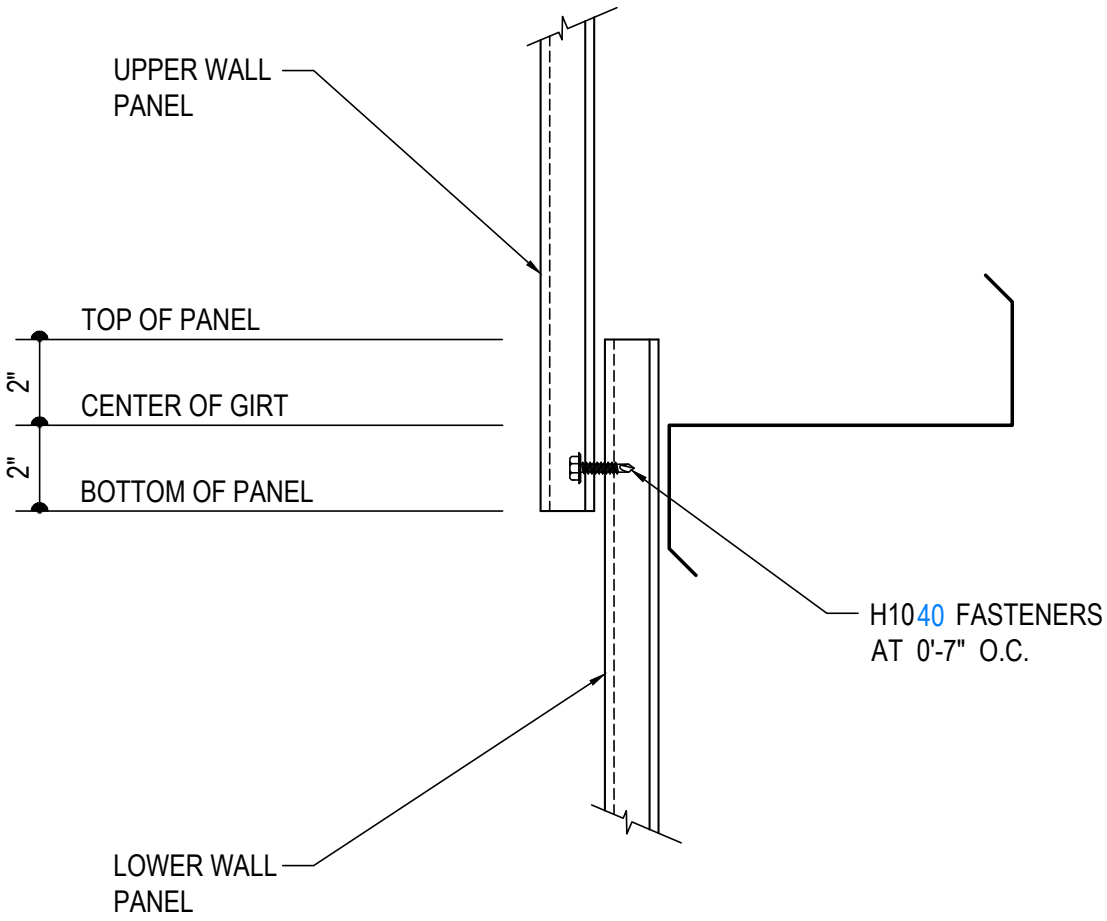
SKYLINE WALL PANEL ERECTION

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

GA3030

Detailer Notes:

GA3050 - METRO & SKYLINE WALL PANEL ENDLAP
Download the DWG file by clicking here.



METRO & SKYLINE WALL PANEL ENDLAP

GA3050

Detailer Notes:
1) N/A

GA3053 - METRO & SKYLINE VERTICAL WALL TRANSITION

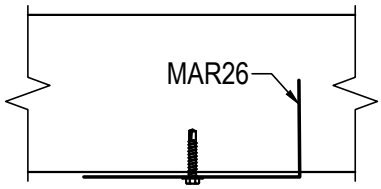
Download the DWG file by clicking here.

ERECTOR NOTE:

ASSEMBLE SCD121 BACK TO BACK PRIOR TO FASTENING ON WALL. INSTALL TAPE MASTIC MK. H3010 1/2" FROM INSIDE EDGE, FASTEN W/ POP RIVETS MK. H1100 AT 1'-0" O.C. FOR ASSEMBLY.

TEMPORARY ATTACHMENT OF MAR01

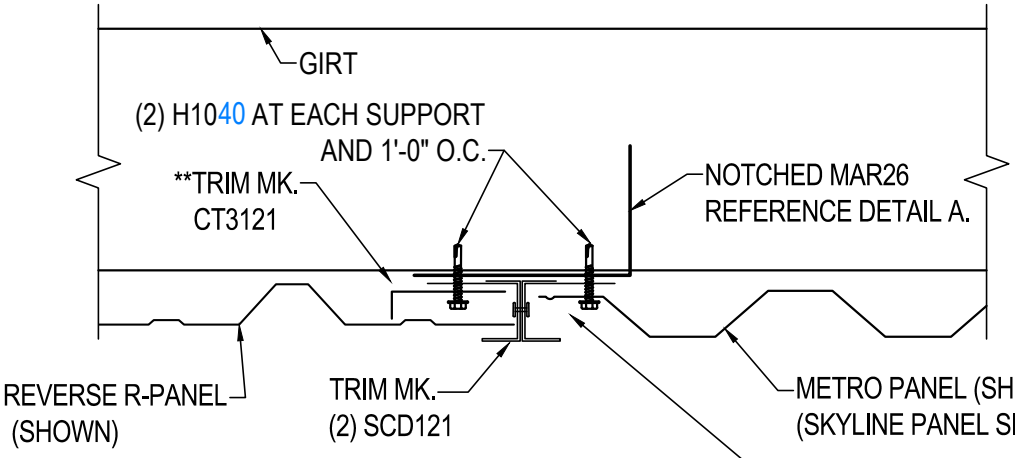
FIELD CUT / NOTCH SHORT LEG OF MAR26 AT EACH SUPPORT. THEN TEMPORARILY FASTEN AT EACH END. USING (1) H1020 FASTENER TO HOLD MAR26 IN PLACE.

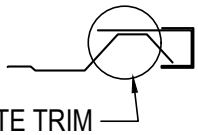


DETAIL A

FASTENING ASSEMBLED SCD121 TRIMS TO MAR26

FASTEN ASSEMBLED JAMB TRIMS TO MAR26 AT EACH SUPPORT AND 1'-0" O.C. USING (2) H1040 AT EVERY LOCATION. (PRE-DRILLING MAY BE REQUIRED).





ALTERNATE DETAIL

**ONLY REQUIRED WITH REVERSE R-PANEL

VERTICAL WALL TRANSITION

REVERSE R-PANEL WITH METRO PANEL SHOWN.
R-PANEL & A-PANEL PANELS ALONG WITH SKYLINE PANEL SIMILAR.

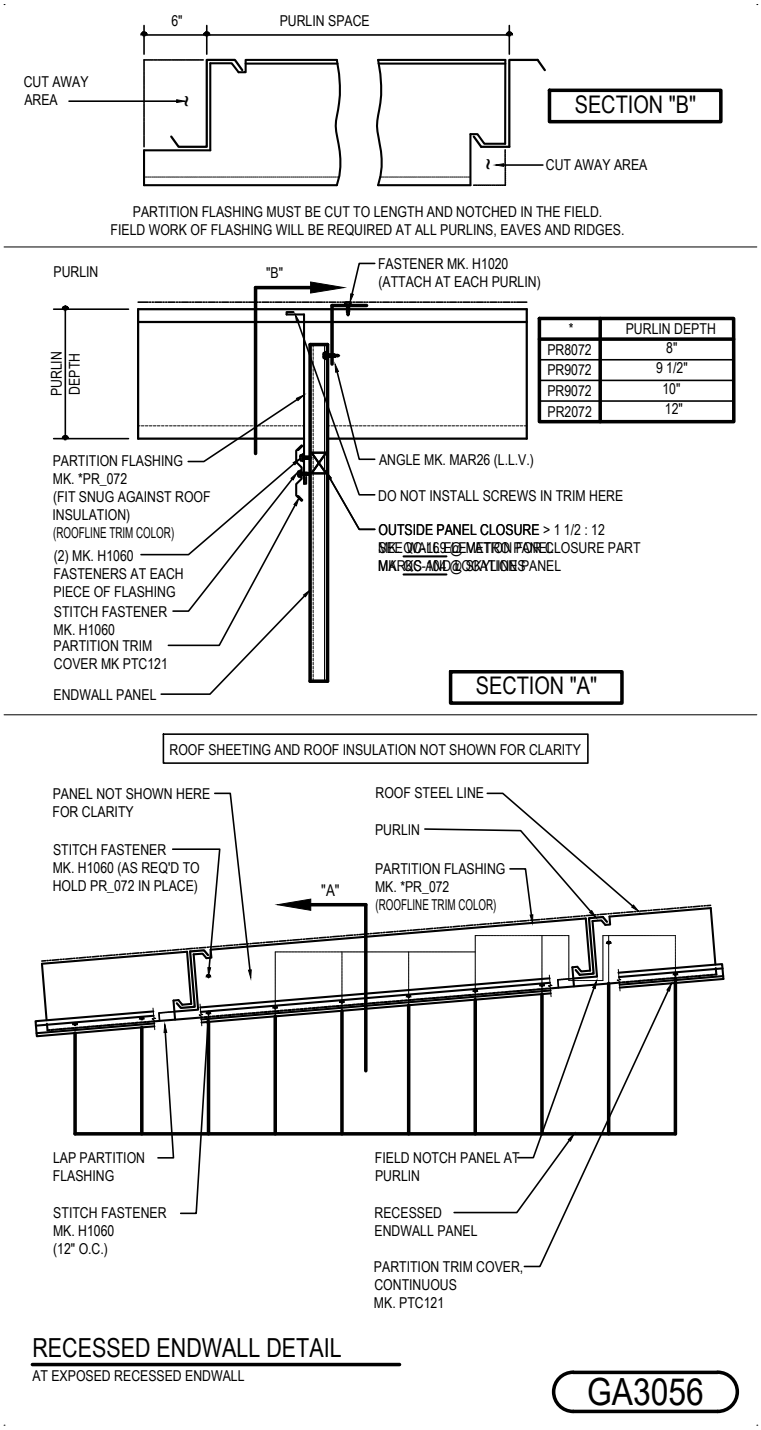
GA3053

Detailer Notes:

1) N/A

GA3056 - METRO & SKYLINE PANEL w/RECESSED ENDWALL DETAIL

Download the DWG file by clicking here.



RECESSED ENDWALL DETAIL
AT EXPOSED RECESSED ENDWALL

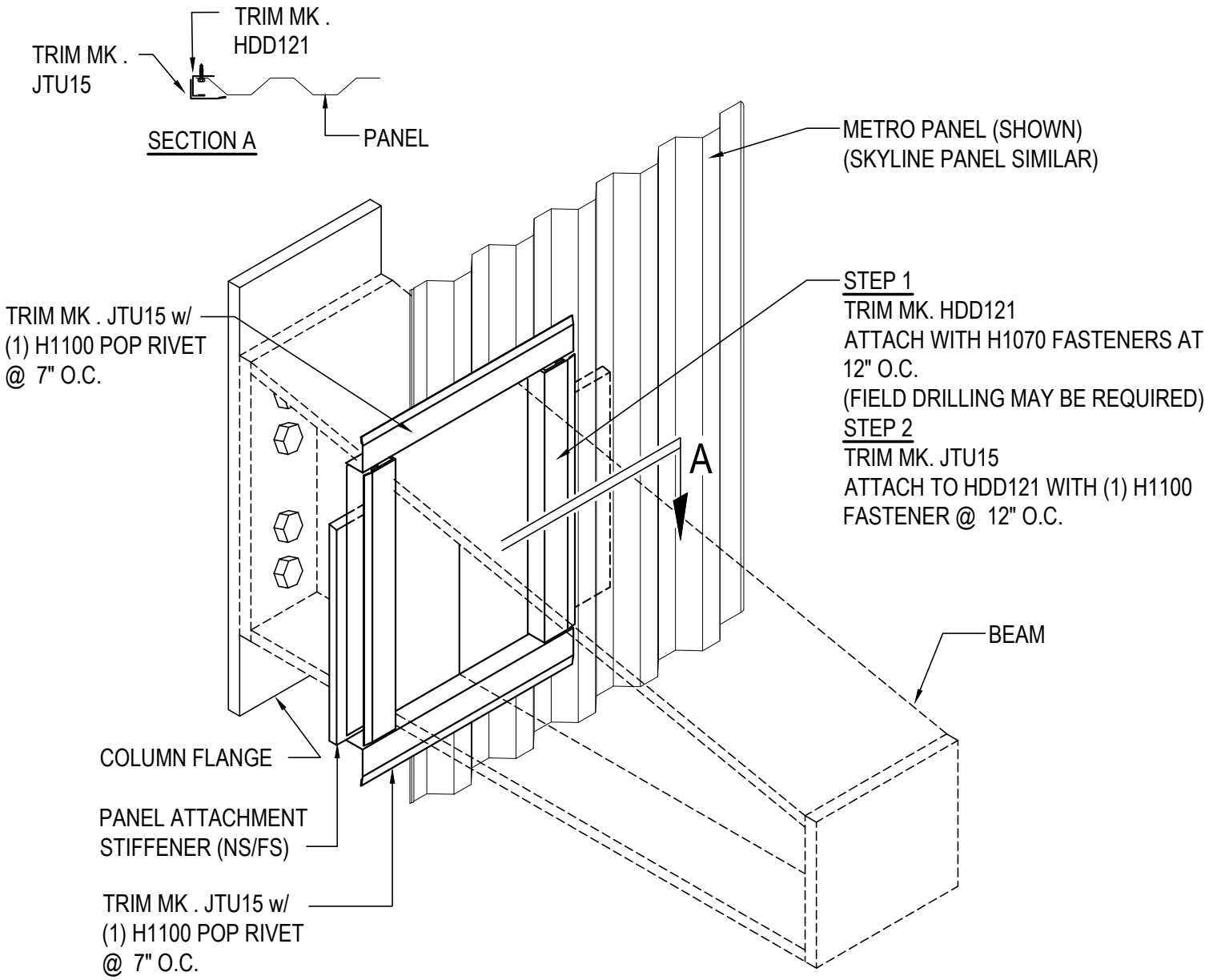
GA3056

Detailer Notes:

1) CLOSURES ARE REQUIRED AT WALL PANEL RECESSED RAKE CONDITION.
2) BEVELED CLOSURES ARE NOT AVAILABLE WITH URBAN SERIES WALL PANELS.

GA3060 - BYPASS BEAM TRIM DETAIL WITH METRO & SKYLINE PANEL

Download the DWG file by clicking here.



BEAM TRIM DETAIL

BYPASS BEAM WITH PANEL ATTACHMENT STIFFENERS BOLTED TO COLUMN

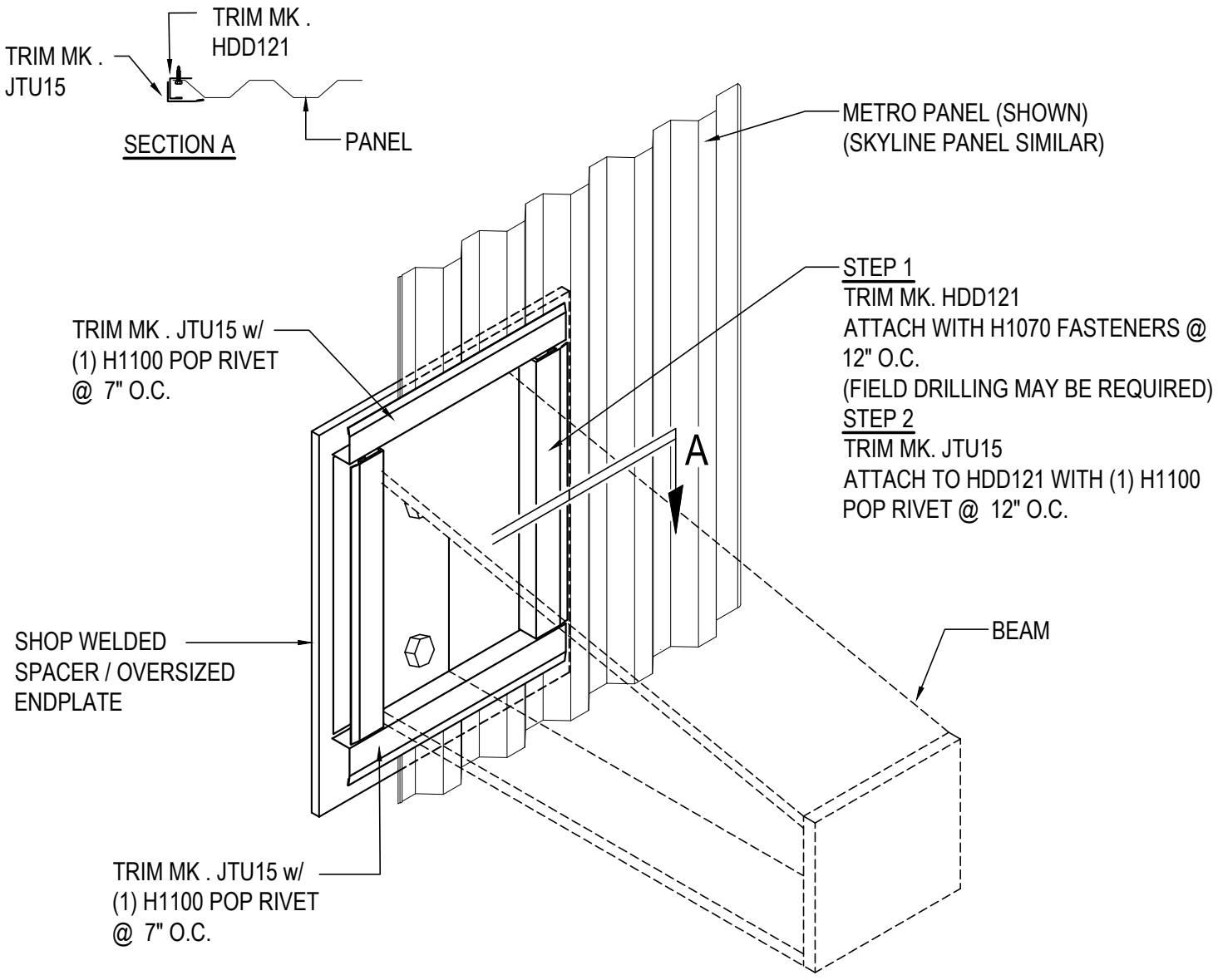
GA3060

Detailer Notes:

1) N/A

GA3061 - BYPASS WITH BRACKET / INSET / FLUSH TRIM DETAIL WITH METRO & SKYLINE PANEL

Download the DWG file by clicking here.



BEAM TRIM DETAIL

BRACKET OR SPACER FOR BYPASS, INSET OR FLUSH COLUMN CONNECTION

GA3061

Detailer Notes:

1) N/A