

CURB DETAILS

EN8000-SINGLE ROOF CURB WITH SUPPORT FRAMING

EN8010-DOUBLE ROOF CURB

EN8020-LIGHTWEIGHT ROOF CURB SUPPORT INSTALLATION

EN8030-LIGHTWEIGHT ROOF CURB

NUCOR®

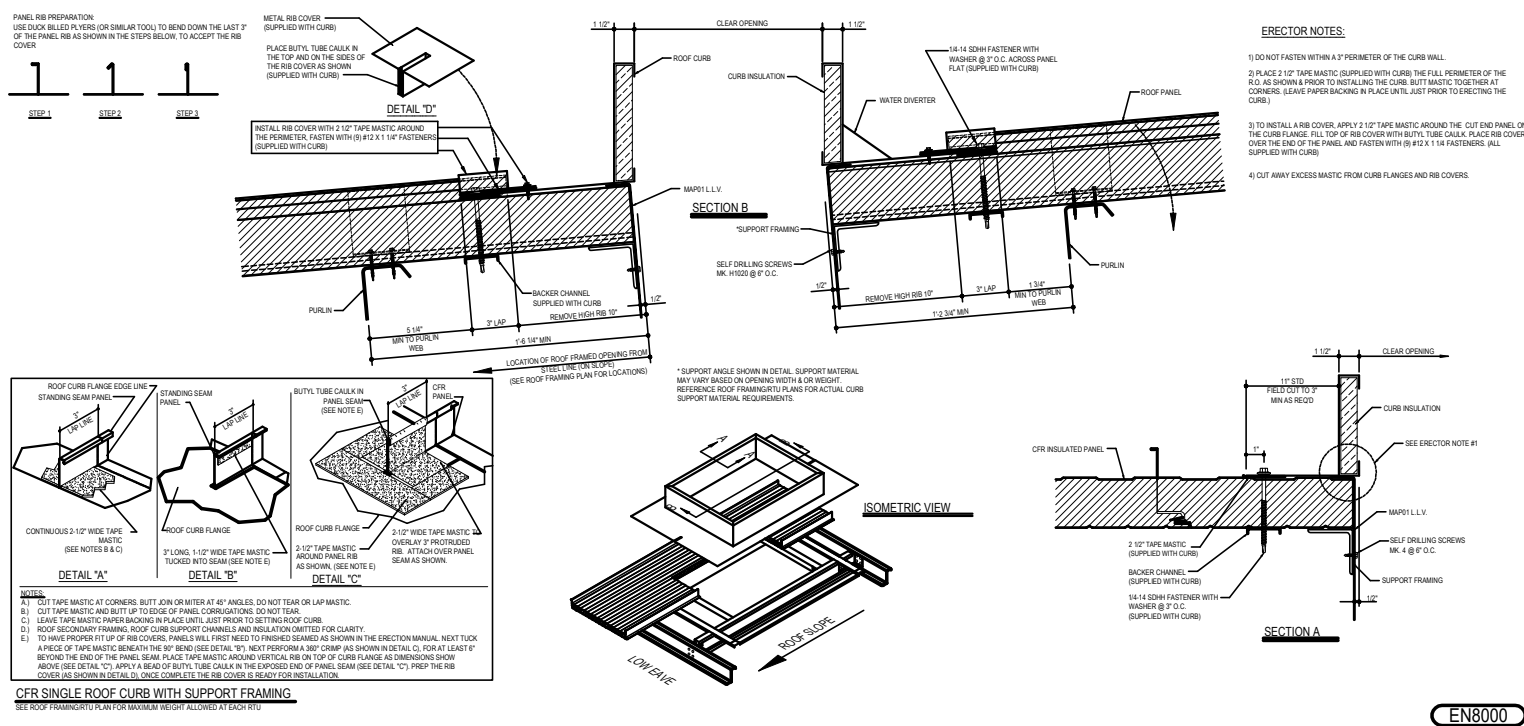
STANDARD and LIGHTWEIGHT CURB DETAILS

BUILDINGS GROUP

INSULATED ROOF SHEETING

EN8000 - SINGLE ROOF CURB WITH SUPPORT FRAMING

Download the DWG file by clicking here.



Detailer Notes:

1) N/A

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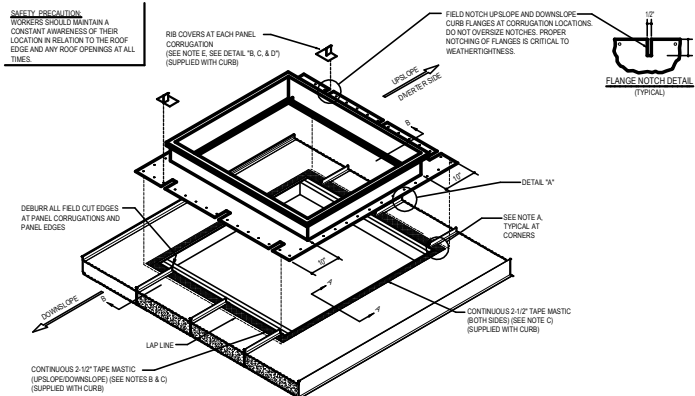


FN8020

1) N/A

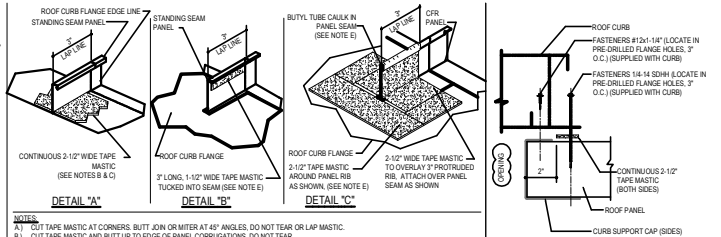
EN8030 - LIGHTWEIGHT ROOF CURB

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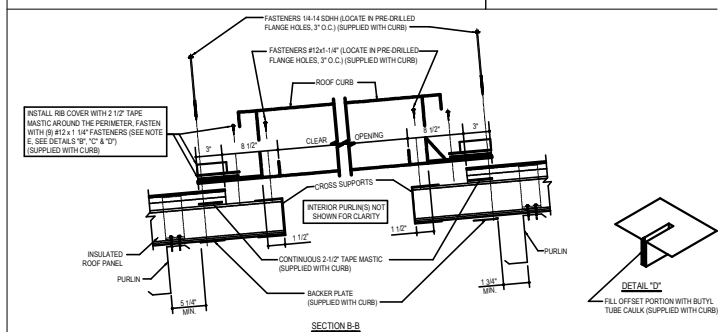
INSTALLATION PROCEDURES:

1. REMOVE EXISTING CURB, MARK A 1" LINE ON THE UNPOLE/ENDPOLE ROOF PANEL EDGES. DRIVE CURB OVER OPENING LINE, CHOP CURB FLANGES WITH 1/4" LINE. CENTER CURB OVER OPENING (SEE TOPOGRAPHIC MAP FOR EXISTING CURB LOCATIONS).
2. NOTCH UPPER AND LOWER FLANGES AS REQUIRED. USE NOTCH TEMPLATE FOR DIMENSIONS. PLY CURB OVER OPENING, LINE-UP CORNER, CHECK FOR PROPER FIT.
3. IF TEMPORARY FASTENERS WERE USED AT THE CORNERS, REMOVE THEM NOW. OTHERWISE CUT NOTCHES AT CORNERS.
4. CUT ALL EXCESS CURB, METAL SHAVINGS ETC. FROM AROUND ROOF PANEL OPENING. REMOVE POOL ROOF CURB UNDERCUTS.
5. INSTALL ALL PROPER TIE FASTENERS AROUND PERIMETER OF ROOF OPENING. SEE "A" AND "NOTES" A B AND C.
6. REMOVE EXCESS CURB, METAL SHAVINGS ETC. FROM AROUND ROOF PANEL OPENING. REMOVE POOL ROOF CURB UNDERCUTS. REMOVE FASTENERS WITHIN 12" OF SHOR ROOF FASTENERS IN PRE-DRILLED HOLES AND AROUND EVERY 3'.
7. POOL ROOF CURB INSTALLATION, REVIEW NOTE "E", SEE DETAIL "A", "B" AND "C" FOR PROPER PLACEMENT OF TIE FASTENERS/CLACK PLACK COVER.
8. REMOVE EXCESS CURB, METAL SHAVINGS ETC. FROM AROUND ROOF PANEL OPENING. FASTEN COVER WITHIN 12" OF SHOR ROOF FASTENERS IN PRE-DRILLED HOLES AND AROUND EVERY 3'.
9. AFTER ALL ROOF CURB COMPONENTS HAVE BEEN INSTALLED, MAKE SURE AREA AROUND ENTIRE ROOF PERIMETER (INCLUDING ROOF COVERS) IS CLEAR OF DEBRIS, OLD METAL SHAVINGS, ETC. AS NECESSARY.
10. REMOVE EXCESS MASTIC FROM CURB FLANGES AND ROOF COVERS.
11. TRIM AWAY EXCESS MASTIC AT ALL TIE CLACK PLACK LOCATIONS AS SHOWN IN DETAIL "B" BELOW.
12. INSTALL FALL PROTECTION / SAFETY SCRAM AND COME DOWNS AS INSTRUCTED IN DETAILS BELOW.

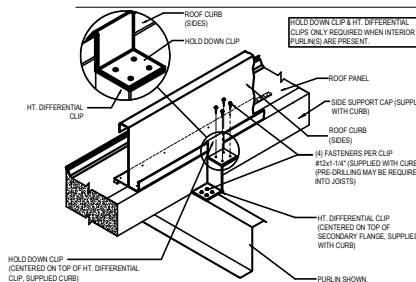


NOTES

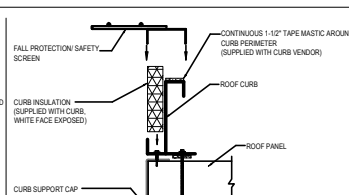
- NOTE:
- A. CUT TAPE MATING AT CORNERS BUT JOIN OR INTER AT 45° ANGLES. DO NOT TEAR OR LAP MATING.
 - B. CUT TAPE MATING AND BUTT UP TO EDGE OF PANEL CORRUGATIONS. DO NOT TEAR.
 - C. LEAVE TAPE MATING PAPER BACKING IN PLACE UNTIL JUST BEFORE INSTALLING CURB.
 - D. ROOF SECONDARY FRAMING, ROOF CURB SUPPORT CHANNELS AND INSULATION MOUNTED FOR CLARITY.
 - E. TO MAKE PROPER FIT OF ROOF CURBS, PANELS WILL FIRST NEED TO BE FINISHED SHOWN AS SHOWN IN THE ERECTION MANUAL. NEXT TUCK A PIECE OF TAPE MATING BEHIND THE 90° BEND (SEE DETAIL "B"). NEXT PERFORM A 360° CRIMP AS SHOWN IN DETAIL C. FOR A 180° TURN BEYOND THE END OF PANEL, SEAM TAPE MATING AROUND TRAPEZOIDAL ROOF TOP OR CURB FLANGE AS DIMENSIONS SHOWN ABOVE (SEE DETAIL "C"). APPLY A BEAD OF BUTY. TACK GLUE IN THE EXPOSED END OF PANEL SEAM (SEE DETAIL "C"). PREP THE REINFORCING AS SHOWN IN DETAIL D. ONCE COMPLETE THE ROOF CURB IS READY FOR INSTALLATION.



SECTION B-B

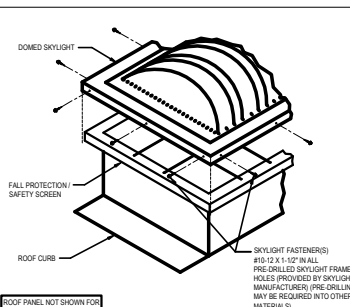


DETAIL "E"



FALL PROTECTION / SAFETY SCREEN INSTALLATION

- 1) AS REQUIRED, CUT CURB INSULATION TO LENGTH TO FIT AROUND THE INTERIOR PERIMETER OF ROOF CURB.
- 2) PLACE CURB INSULATION INTO BOTTOM CURB SLOT WITH WHITE FACE EXPOSED.
- 3) TAPE ANY SEAMS WITH WHITE INSULATION TAPE (BY OTHERS).
- 4) INSTALL TAPE MASTIC CONTINUOUS ALONG TOP FLANGE OF CURB.
- 5) PLACE SAFETY SCREEN OVER CURB. DO NOT FULLY FASTEN SAFETY SCREEN AT THIS STEP.
- 6) TUCK THE CURB INSULATION INTO CHANNEL OF SAFETY SCREEN.
- 7) FULLY FASTEN SAFETY SCREEN TO TOP OF CURB TO NEST INSULATION.



DOMED SKYLIGHT INSTALLATION:

- 1 HANDLE DOWNED SKYLIGHT WITH CARE. INSURE THE INSIDE OF THE UNIT IS CLEAR OF DEBRIS DURING THE INSTALLATION PROCESS. DO NOT HIT SKYLIGHT FRAME WITH HAMMER OR ANY OTHER KIND OF Mallet, THIS MAY CAUSE DAMAGE TO SPACERS.
- 2 PROPERLY ELIMATE DOWNED SKYLIGHT FROM FLAT SURFACES DURING STORAGE TO PREVENT HEAT BUILDUP OR EXCESSIVE INTERNAL TEMPERATURES UNDER THE DOME. OTHERWISE DAMAGE CAN OCCUR TO INTERNAL COMPONENTS.
- 3 CALLING THE TOP SIDE OF THE FLAT PROTECTION/SUPPORT SCREEN IS NOT REQUIRED. IN WAR CASE, TAPE IS PRE-MOUNTED TO THE UNDERSIDE OF THE SCREEN.
- 4 SET DOWNED SKYLIGHT OVER PREPARED CURB, MAKING SURE SKYLIGHT IS SQUARE AND EQUALLY SPACED ON ALL FOUR SIDES OF CURB.
- 5 ATTACHMENT WITH PROPER CURB IS REQUIRED. BE SURE CURB DOES NOT DISTORT THE SKYLIGHT FRAME. DRIVE SCREWS JUST SNUG TO THE FLANGE. OVERTIGHTENING MAY CREATE FORCES WHICH MAY CRACK THE SKYLIGHT LENS.

DOMED SKYLIGHT CLEANING:

- 1.) WHEN CLEANING LENS, USE ONLY WATER OR WATER WITH MILD SOAP. USE A SOFT RAG TO MINIMIZE THE SCRATCHING.
- 2.) NEVER USE AMMONIA, ALCOHOL, AROMATIC OR PETROLEUM BASED PRODUCTS TO CLEAN LENS. THIS WILL CAUSE DETERIORATION AND/OR CRACKING OF THE LENS AND WILL VOID THE WARRANTY.

LIGHTWEIGHT ROOF CURB INSTALLATION

FOR USE WITH PRISMATIC DOMES AND PRISMATIC SMOKE VENTS ONLY

EN8030

Detailer Notes:

1) N/A