

DIVISION 7 BINDER
PICTURE FRAME DETAIL (I)

PICTURE FRAMING IS A MEMBRANE LAYOUT METHOD IN WHICH THE MEMBRANES BEING INSTALLED AT INTERNAL OR EXTERNAL PERIMETERS OF THE ROOF OR AT CURBED PROJECTIONS IN THE FIELD OF THE ROOF ARE INSTALLED PARALLEL TO THOSE PERIMETERS OR RECTANGULAR PROJECTIONS. IN THIS DETAIL, (A) IS THE PICTURE FRAME SHEET; (B) IS A NATURAL PICTURE FRAME SHEET IN THAT IT OCCURS NATURALLY IN THE COURSE OF APPLYING THE FIELD MEMBRANES. THE MEMBRANES IN THE FIELD OF THE ROOF SURROUNDING THE CURB MOUNTED EQUIPMENT (D) ARE ALSO REQUIRED TO BE PICTURE FRAMED. THERE IS NO DIFFERENCE IN THE FUNCTION OF THESE PICTURE FRAMED SHEETS; THE ONLY DIFFERENCE IS THEIR INDIVIDUAL LOCATIONS ON THE ROOF. LABELING THEM MAKES IT POSSIBLE TO DIRECT THE APPLICATOR USING INSTRUCTIONS OR SPECIFICATIONS TO THOSE AREAS FOR ADDITIONAL EXPLANATIONS PERTINENT

PICTURE FRAMING IS REQUIRED ON ALL HYLOAD MEMBRANE APPLICATIONS, AND IS REQUIRED WITH ALL PLIES OF THE HYLOAD MEMBRANES. IT IS NOT POSSIBLE TO COVER EVERY LAYOUT THAT COULD OCCUR WITHIN THIS DESCRIPTION. USE OF THE SPECIFICATIONS, OTHER DETAIL DRAWINGS, AND INFORMATION FOUND IN THE HYLOAD TECH DATA SHEET WILL BE NEEDED, AND WHEN IN HAND THE LAYOUT IS A RELATIVELY SIMPLE PROCESS. IT IS HIGHLY RECOMMENDED THAT THE LAYOUT OF THE MEMBRANES BE DETERMINED AND RECORDED BEFORE JOB STARTUP BY THE FOREMAN ASSIGNED TO THE PROJECT. THE TIME AND EFFORT SPENT ON THIS EXERCISE WILL BE REPAID MANY TIMES OVER IN

THE LAYOUT OF THE PICTURE FRAME DETAIL I ON THE OTHER SIDE OF THIS PAGE SHOWS THE LAPS STAGGERED. THE LABEL (A) IS GIVEN TO PICTURE FRAME SHEETS THAT RUN 90° TO THE FIELD SHEETS AT PERIMETERS AND AT PROJECTIONS. THE LABEL (B) IS GIVEN TO NATURALLY OCCURRING PICTURE FRAME SHEETS AT THE PERIMETER ONLY. THE LABEL (C) IS GIVEN TO THE FIELD SHEETS, WHICH ARE USUALLY THE FIRST MEMBRANES INSTALLED, UNLESS SLOPE DICTATES OTHERWISE. THE LABEL (D) IS GIVEN TO THE RECTANGULAR CURBED PROJECTION IN THE FIELD OF THE ROOF,

THE ASTERISK LOCATED BETWEEN THE DIMENSION LINES INDICATES THAT THE DIMENSION IN THESE AREAS ARE VARIED DEPENDING ON THE WIDTH OF MATERIAL USED, SPECIFIC DETAIL REQUIREMENTS, AND THE AREA TO BE COVERED.

SLOPE CAN BE IN ANY DIRECTION AND DICTATES HOW THE LAPS ON MEMBRANES MUST BE OVERLAPPED SO AS NOT TO BUCK WATER WHEN THE ROOF DRAINS. ON BARREL ROOFS THE MEMBRANES SHOULD BE STRAPPED OR RUN WITH THE SLOPE, WHICH WILL MAKE FOR AN EASIER INSTALLATION.

END LAPS ON HYLOAD WS MUST BE 9" MINIMUM AND COVERED WITH I50E CUT TO 6" X 44" OVER THE EXPOSED ADHESIVE AT THE END LAPS. THIS END LAP COVER IS TO EXTEND OUT ONTO THE PREVIOUSLY INSTALLED MEMBRANES ON ALL SIDES AS SHOWN ON THE DETAIL AND IS TO BE HOT AIR WELDED INTO PLACE. END LAPS ON THE BASE PLY SELF-ADHERED PRODUCTS MUST BE A MINIMUM OF 6". WHEN INSTALLING INTER PLY OR BASE SHEETS THAT WILL BE EXPOSED TO THE ELEMENTS, END LAPS MUST BE A MINIMUM OF 9" AND ALL THE "T" JOINTS MUST BE CAULKED. DEPENDING ON THE SLOPE, THE FIELD SHEETS MAY GO UNDER OR OVER THE PICTURE FRAMED SHEET (SEE WHERE FIELD SHEETS "C" MEETS PICTURE FRAME SHEET "A"). THIS OVERLAP OR UNDERLAY MUST BE A MINIMUM OF 6" ON THE HYLOAD WS MEMBRANES AND 9" ON THE HYBASE SAM OR HYBASE SAM VR WHEN THE MEMBRANE IS NOT COVERED WITH THE FINISH PLY WITHIN TWO WEEKS OR WHEN CONDITIONS WARRANT THIS PRECAUTION. WHEN THE FIELD SHEETS OVERLAP THE PICTURE FRAME SHEETS THE USE OF A 6" X 44" END LAP SPLICE MUST BE USED TO COVER THE EXPOSED ADHESIVE ON THE END LAPS OF THE OVERLAPPING FIELD SHEETS.

SIDE LAPS ON ALL HYLOAD MEMBRANES ARE 3" AND HAVE PAINTED LAY LINES ON THEM.

IN CONJUNCTION WITH THIS DETAIL AND DESCRIPTION YOU MUST REFER TO THE WRITTEN SPECIFICATIONS AND TECH DATA SHEETS WHICH WILL BE MORE SPECIFIC TO THE VARIOUS PRODUCTS AND CONTAIN OTHER INFORMATION, WHICH WILL BE NECESSARY TO EFFECTIVELY USE THIS DETAIL AND DESCRIPTION



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PICTURE FRAME DETAIL 1

DWG NO.

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