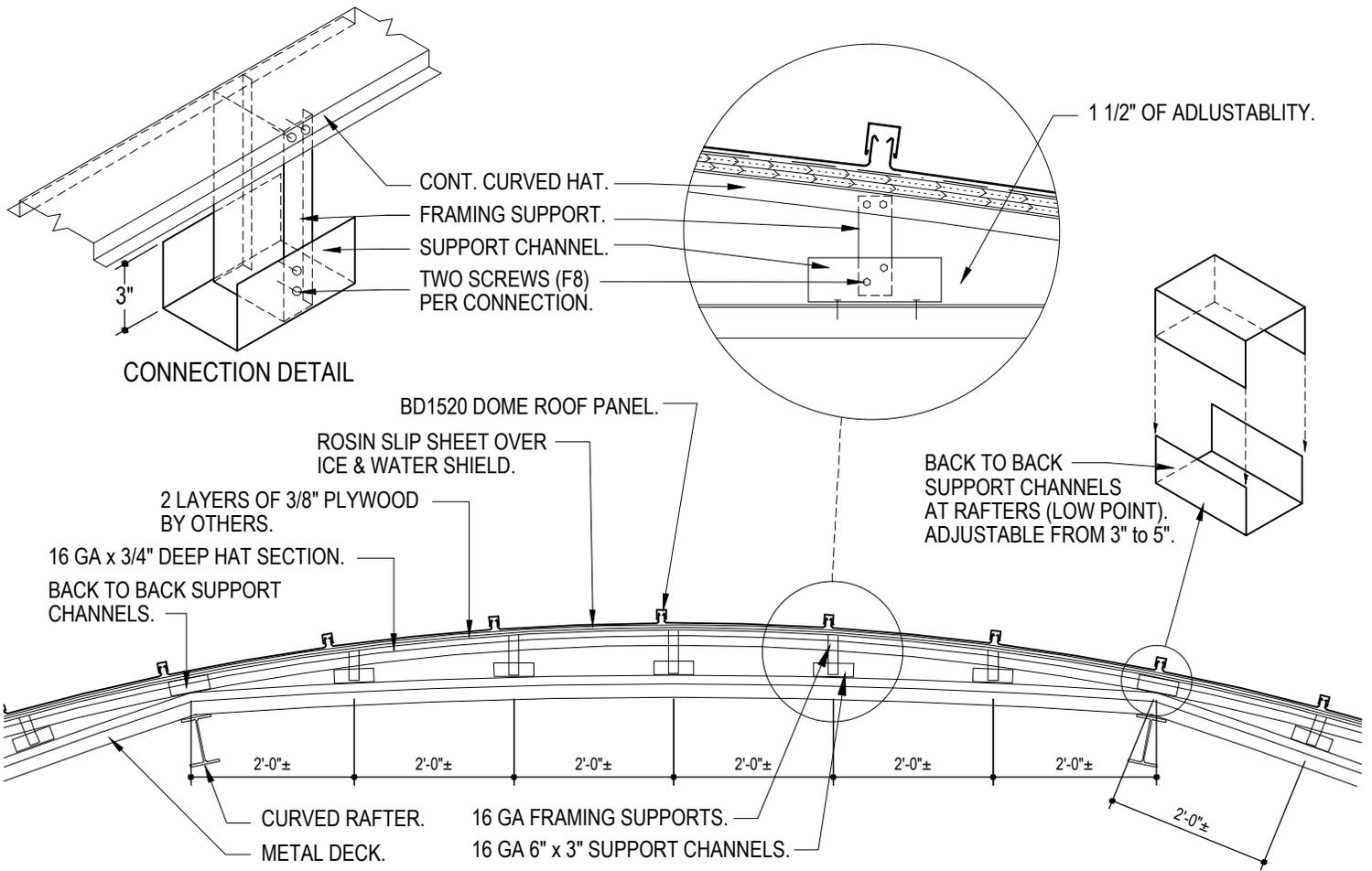


BD-1520
Pan & Batten System

DOME FRAMING SECTION



FRAMING SUPPORTS & SUPPORT CHANNELS ARE SPACED IN A 2'-0" x 2'-0" GRID WITH 16 GA CURVED HAT SECTION ATTACHED TO TOP OF FRAMING SUPPORT (2 screws per attachment).

ACTUAL LOCATION OF SUPPORT CHANNELS & FRAMING SUPPORTS WILL BE DETERMINED WHEN FIELD DIMENSIONS ARE TAKEN.

Updated December 2011

Detail shown is standard and must be designed specific to a project.

Merchant & Evans, Inc.
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BD-1520

Pan & Batten System

DOM EAVE

BD1520 DOME PANEL SYSTEM .040 PAN & .050 BATTEN.

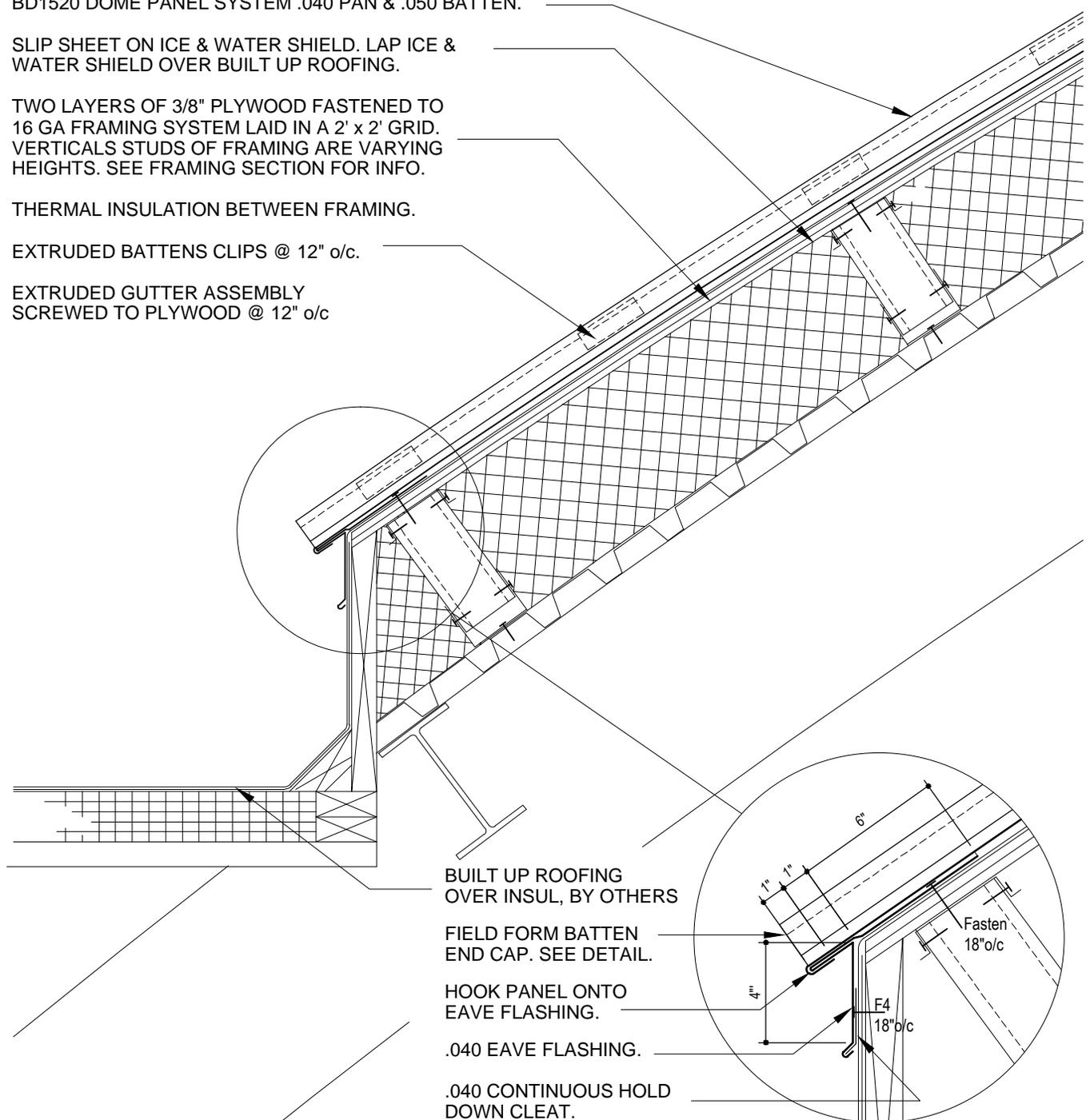
SLIP SHEET ON ICE & WATER SHIELD. LAP ICE & WATER SHIELD OVER BUILT UP ROOFING.

TWO LAYERS OF 3/8" PLYWOOD FASTENED TO 16 GA FRAMING SYSTEM LAID IN A 2' x 2' GRID. VERTICALS STUDS OF FRAMING ARE VARYING HEIGHTS. SEE FRAMING SECTION FOR INFO.

THERMAL INSULATION BETWEEN FRAMING.

EXTRUDED BATTENS CLIPS @ 12" o/c.

EXTRUDED GUTTER ASSEMBLY SCREWED TO PLYWOOD @ 12" o/c



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DOME CAP - ONE PIECE

DOME CAPS WITH A DIAMETER 46" OR LESS WILL BE MADE IN ONE PIECE AS SHOWN BELOW. LARGER DIAMETERS WILL BE MADE IN PIE SECTIONS WITH 1" HIGH SEAM. SEE BD-804

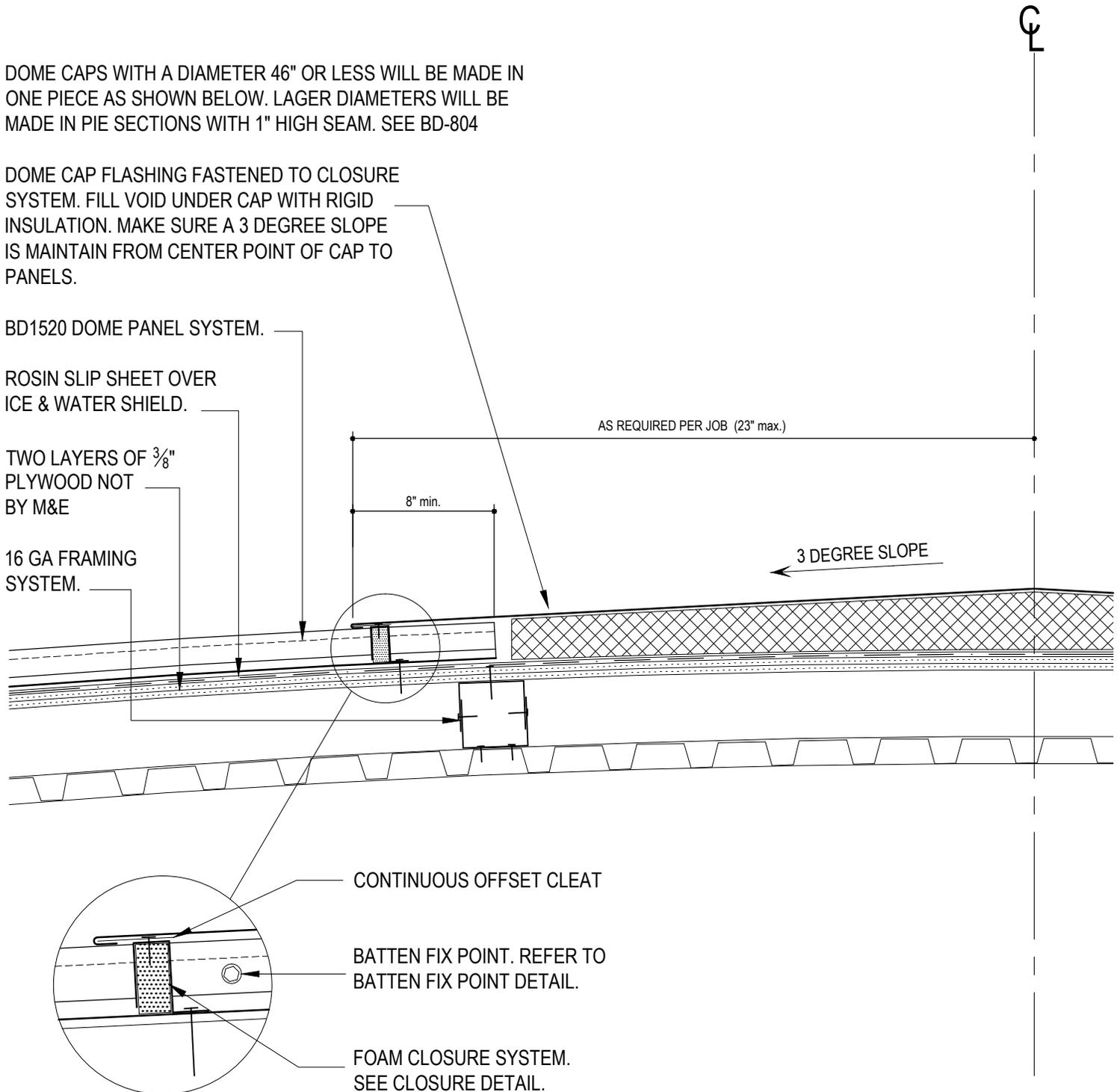
DOME CAP FLASHING FASTENED TO CLOSURE SYSTEM. FILL VOID UNDER CAP WITH RIGID INSULATION. MAKE SURE A 3 DEGREE SLOPE IS MAINTAIN FROM CENTER POINT OF CAP TO PANELS.

BD1520 DOME PANEL SYSTEM.

ROSIN SLIP SHEET OVER ICE & WATER SHIELD.

TWO LAYERS OF 3/8" PLYWOOD NOT BY M&E

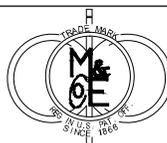
16 GA FRAMING SYSTEM.



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BD-1520
Pan & Batten System

DOME CAP - SEGMENTED

306 TAPERED PANELS WITH HEM TO HOOK ONTO CLEAT AT CLOSURE ON BD1520 PANEL. PLYWOOD WITH BLOCKING TO ACHIEVE 1 1/2" SLOPE FOR 306 TAPERED PANELS. ICE & WATER SHIELD OVER PLYWOOD TO EXTEND ONTOP OF PANELS TO CLOSURE SYSTEM.

PANEL CLIPS SPACE AS SHOWN.

BD1520 DOME PANEL SYSTEM.

ROSIN SLIP SHEET OVER ICE & WATER SHIELD.

TWO LAYERS OF 3/8" PLYWOOD NOT BY M&E

16 GA FRAMING SYSTEM.

DOME CAP PITCHED FOR DRAINAGE.

ZEE CLOSURE SET IN 1/8" x 1" TAPE SEALANT. ALOS SEAL AT SIDES OF CLOSURE.

AS REQUIRED PER JOB.

8" min.

As Req'd

Slope

6" min

CONTINUOUS OFFSET CLEAT

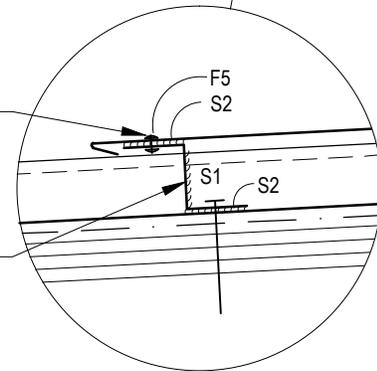
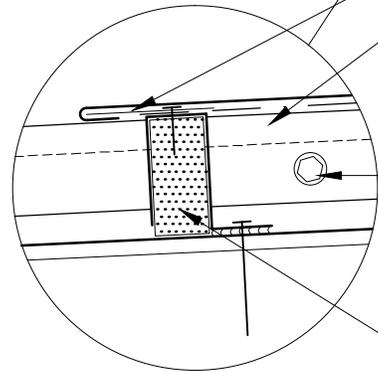
ICE SHIELD TO EXTEND OUT TO CLOSURE.

RIVET PEAK CAP TO CLOSURE.

BATTEN FIX POINT. REFER TO BATTEN FIX POINT DETAIL.

ZEE CLOSURE SET IN SEALANT AND SEAL AT SIDES.

FOAM CLOSURE SYSTEM. SEE CLOSURE DETAIL.



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