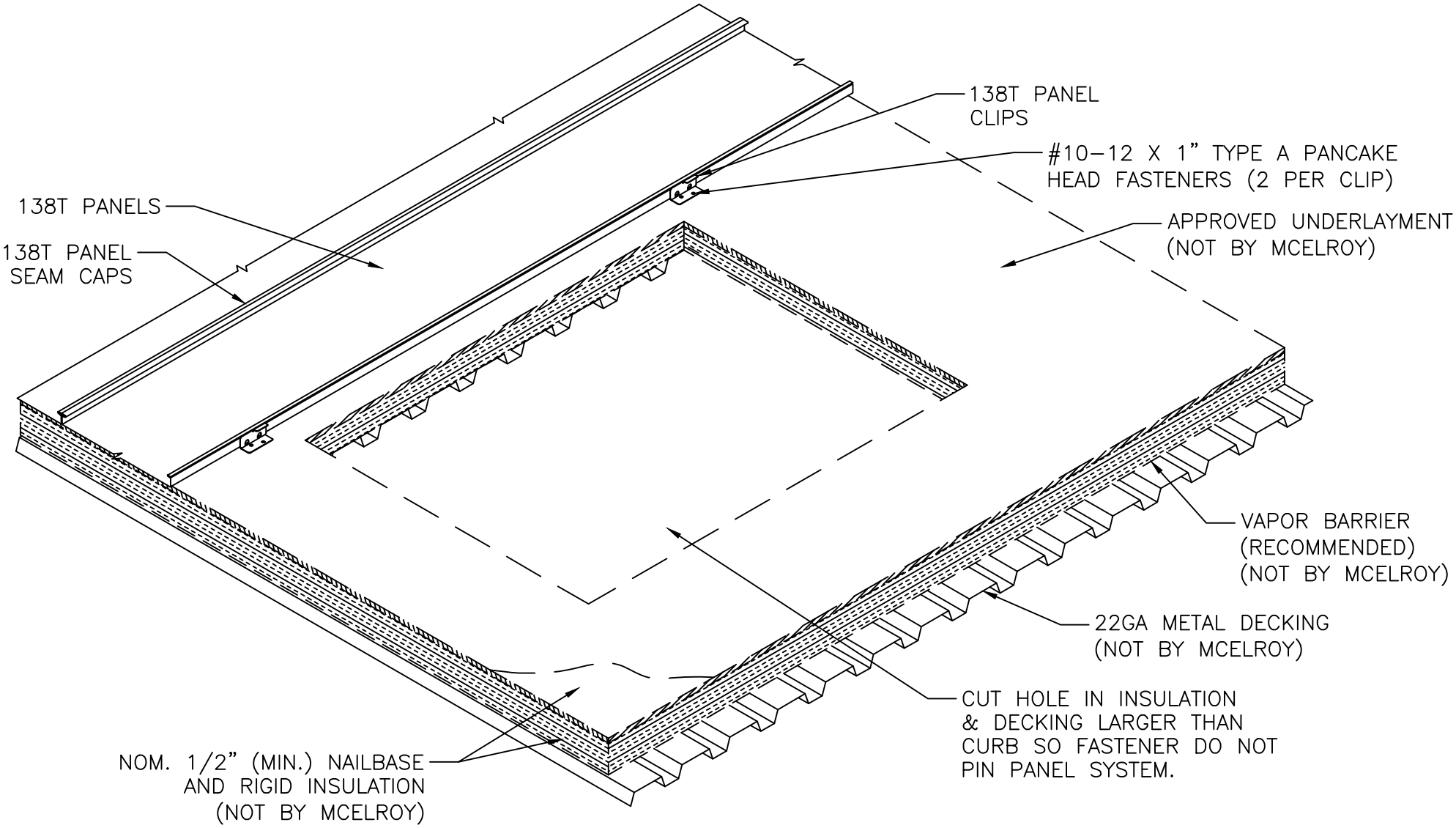
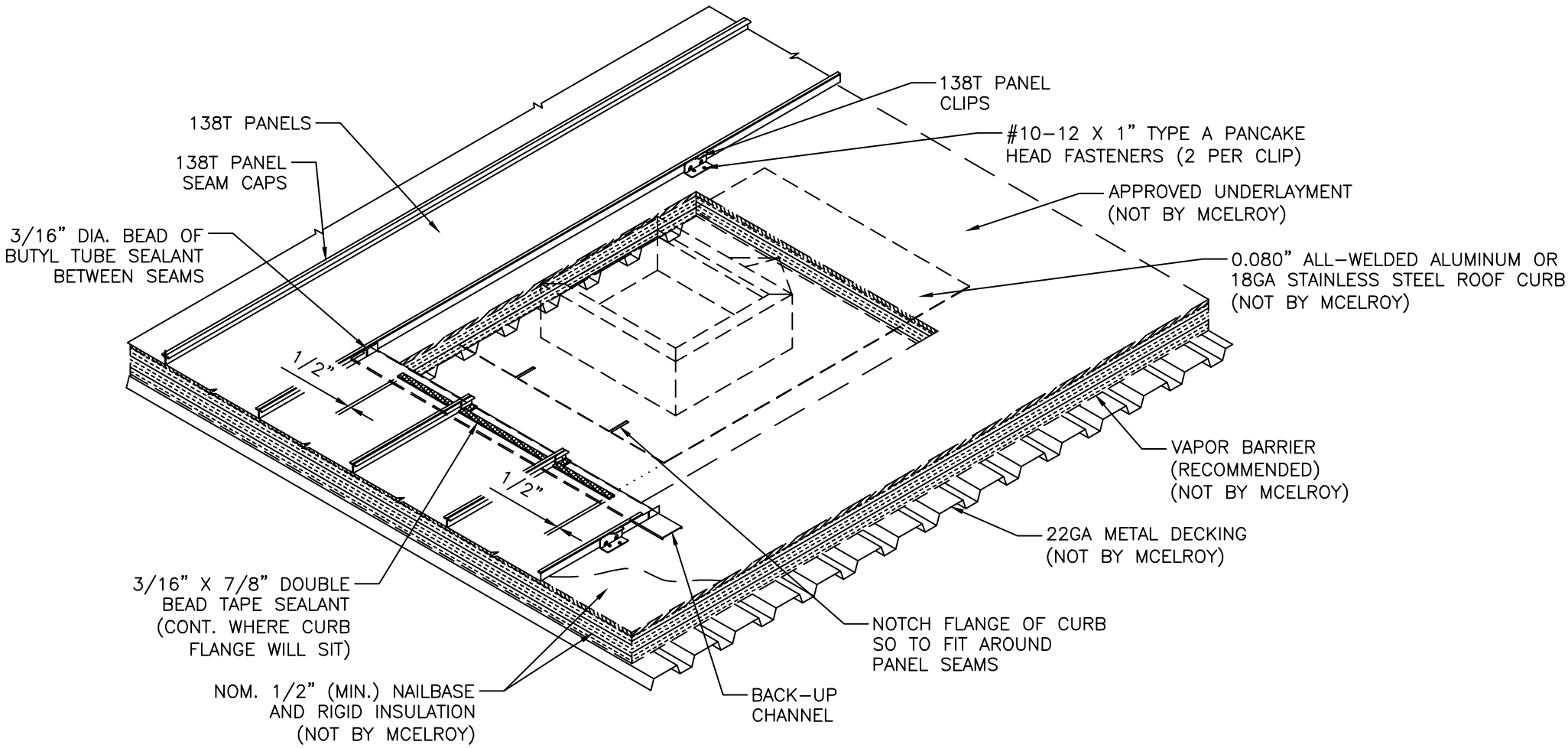
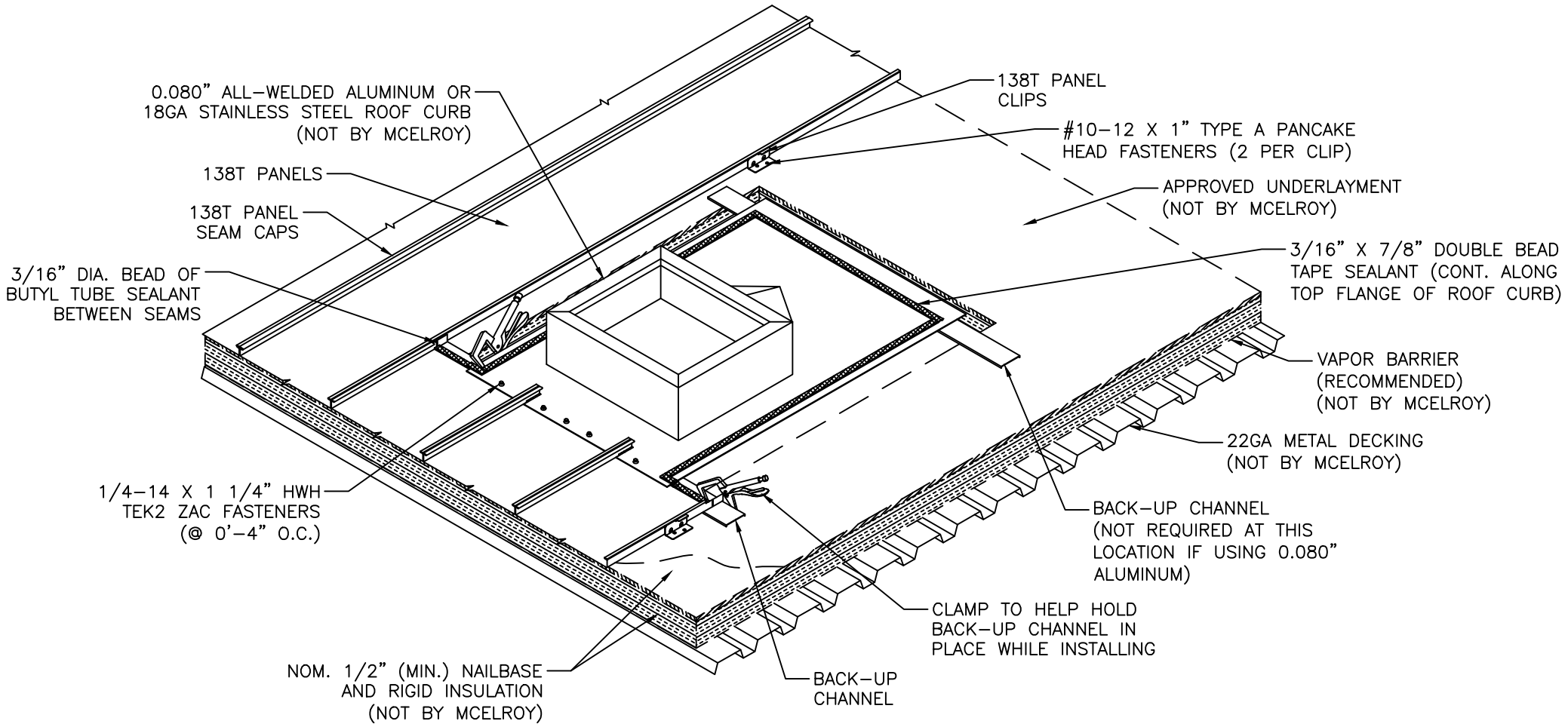

138T PANEL CLIPS
#10–12 X 1" TYPE A PANCAKE HEAD FASTENERS (2 PER CLIP)
138T PANELS
APPROVED UNDERLAYMENT (NOT BY MCELROY)
138T PANEL SEAM CAPS
VAPOR BARRIER (RECOMMENDED) (NOT BY MCELROY)
22GA METAL DECKING (NOT BY MCELROY)
CUT HOLE IN INSULATION & DECKING LARGER THAN CURB SO FASTENER DO NOT PIN PANEL SYSTEM.
NOM. 1/2" (MIN.) NAILBASE AND RIGID INSULATION (NOT BY MCELROY)

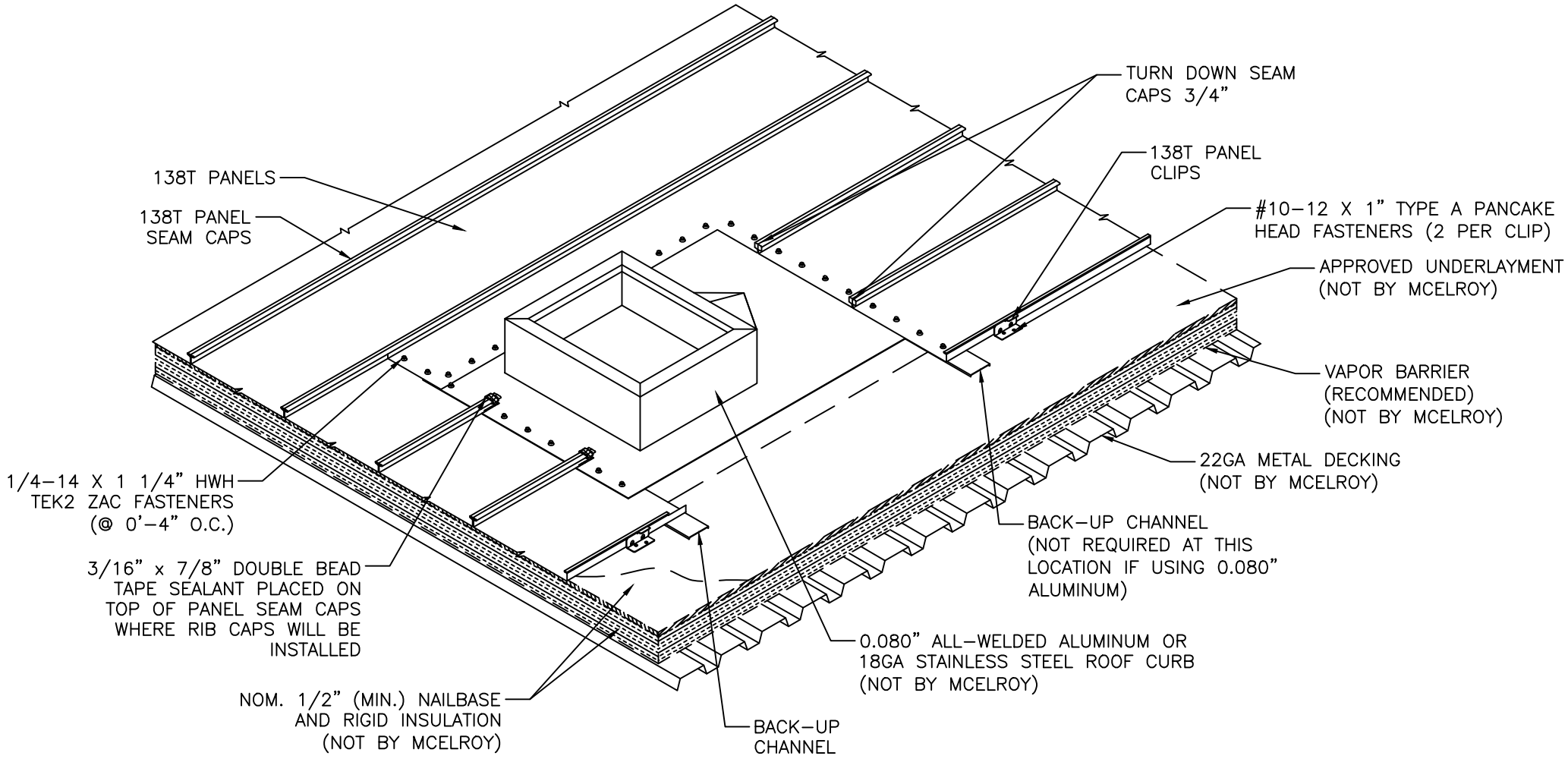
STEP #1


138T PANELS
138T PANEL SEAM CAPS
3/16" DIA. BEAD OF BUTYL TUBE SEALANT BETWEEN SEAMS
138T PANEL CLIPS
#10-12 X 1" TYPE A PANCAKE HEAD FASTENERS (2 PER CLIP)
APPROVED UNDERLAYMENT (NOT BY MCELROY)
0.080" ALL-WELDED ALUMINUM OR 18GA STAINLESS STEEL ROOF CURB (NOT BY MCELROY)
1/2"
1/2"
VAPOR BARRIER (RECOMMENDED) (NOT BY MCELROY)
22GA METAL DECKING (NOT BY MCELROY)
3/16" X 7/8" DOUBLE BEAD TAPE SEALANT (CONT. WHERE CURB FLANGE WILL SIT)
NOTCH FLANGE OF CURB SO TO FIT AROUND PANEL SEAMS
NOM. 1/2" (MIN.) NAILBASE AND RIGID INSULATION (NOT BY MCELROY)
BACK-UP CHANNEL

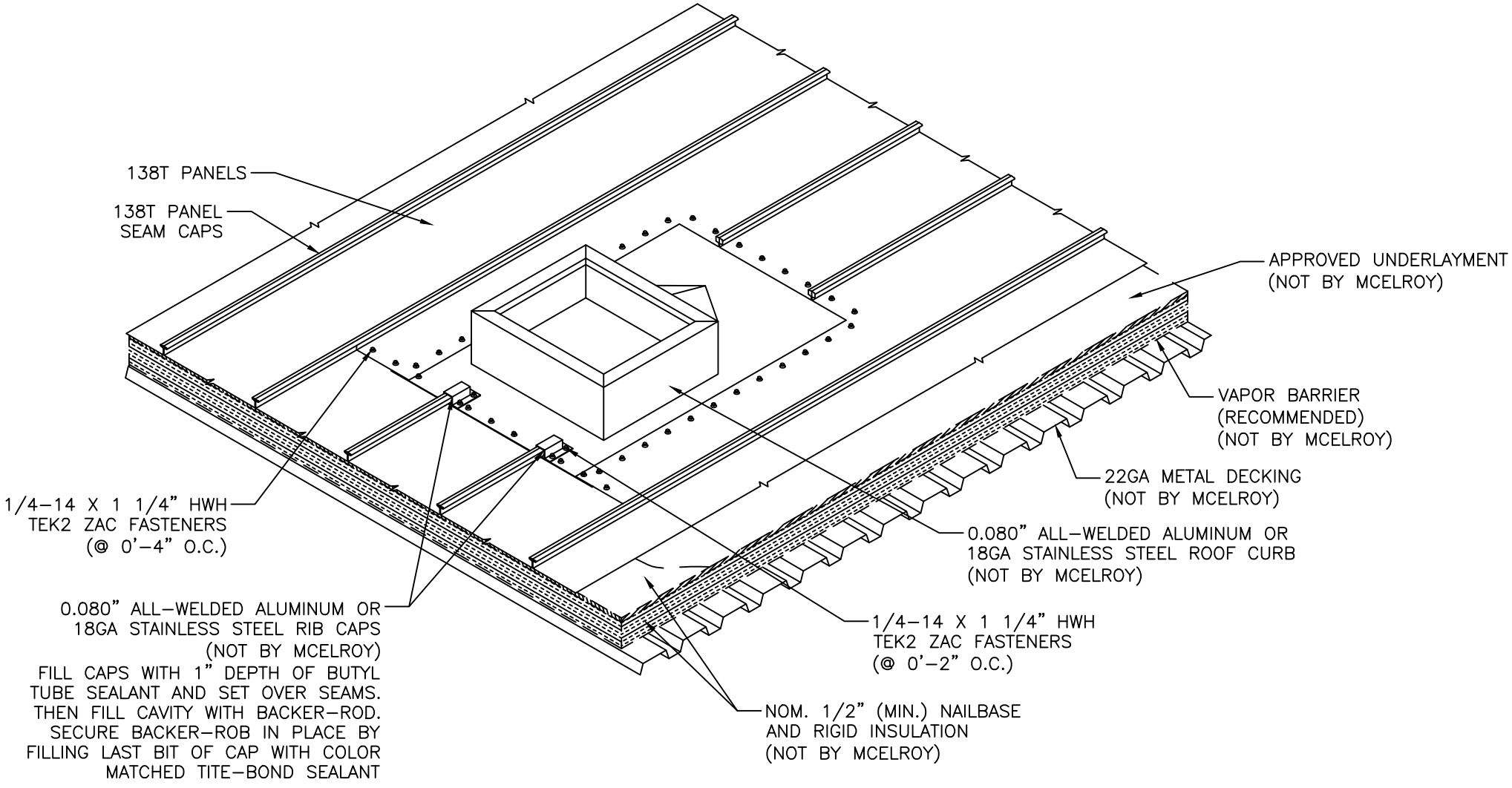
STEP #2


0.080" ALL-WELDED ALUMINUM OR
18GA STAINLESS STEEL ROOF CURB
(NOT BY MCELROY)
138T PANELS
138T PANEL
SEAM CAPS
3/16" DIA. BEAD OF
BUTYL TUBE SEALANT
BETWEEN SEAMS
1/4-14 X 1 1/4" HWH
TEK2 ZAC FASTENERS
(@ 0'-4" O.C.)
NOM. 1/2" (MIN.) NAILBASE
AND RIGID INSULATION
(NOT BY MCELROY)
138T PANEL
CLIPS
#10-12 X 1" TYPE A PANCAKE
HEAD FASTENERS (2 PER CLIP)
APPROVED UNDERLAYMENT
(NOT BY MCELROY)
3/16" X 7/8" DOUBLE BEAD
TAPE SEALANT (CONT. ALONG
TOP FLANGE OF ROOF CURB)
VAPOR BARRIER
(RECOMMENDED)
(NOT BY MCELROY)
22GA METAL DECKING
(NOT BY MCELROY)
BACK-UP CHANNEL
(NOT REQUIRED AT THIS
LOCATION IF USING 0.080"
ALUMINUM)
CLAMP TO HELP HOLD
BACK-UP CHANNEL IN
PLACE WHILE INSTALLING
BACK-UP
CHANNEL

STEP #3


TURN DOWN SEAM CAPS 3/4"
138T PANEL CLIPS
138T PANELS
138T PANEL SEAM CAPS
#10–12 X 1" TYPE A PANCAKE HEAD FASTENERS (2 PER CLIP)
APPROVED UNDERLAYMENT (NOT BY MCELROY)
VAPOR BARRIER (RECOMMENDED) (NOT BY MCELROY)
22GA METAL DECKING (NOT BY MCELROY)
1/4–14 X 1 1/4" HWH TEK2 ZAC FASTENERS (@ 0'–4" O.C.)
BACK–UP CHANNEL (NOT REQUIRED AT THIS LOCATION IF USING 0.080" ALUMINUM)
3/16" x 7/8" DOUBLE BEAD TAPE SEALANT PLACED ON TOP OF PANEL SEAM CAPS WHERE RIB CAPS WILL BE INSTALLED
0.080" ALL–WELDED ALUMINUM OR 18GA STAINLESS STEEL ROOF CURB (NOT BY MCELROY)
NOM. 1/2" (MIN.) NAILBASE AND RIGID INSULATION (NOT BY MCELROY)
BACK–UP CHANNEL

STEP #4


138T PANELS
138T PANEL SEAM CAPS
APPROVED UNDERLAYMENT (NOT BY MCELROY)
VAPOR BARRIER (RECOMMENDED) (NOT BY MCELROY)
22GA METAL DECKING (NOT BY MCELROY)
1/4–14 X 1 1/4" HWH TEK2 ZAC FASTENERS (@ 0'–4" O.C.)
0.080" ALL–WELDED ALUMINUM OR 18GA STAINLESS STEEL ROOF CURB (NOT BY MCELROY)
0.080" ALL–WELDED ALUMINUM OR 18GA STAINLESS STEEL RIB CAPS (NOT BY MCELROY)
FILL CAPS WITH 1" DEPTH OF BUTYL TUBE SEALANT AND SET OVER SEAMS. THEN FILL CAVITY WITH BACKER–ROD. SECURE BACKER–ROB IN PLACE BY FILLING LAST BIT OF CAP WITH COLOR MATCHED TITE–BOND SEALANT
1/4–14 X 1 1/4" HWH TEK2 ZAC FASTENERS (@ 0'–2" O.C.)
NOM. 1/2" (MIN.) NAILBASE AND RIGID INSULATION (NOT BY MCELROY)

STEP #5