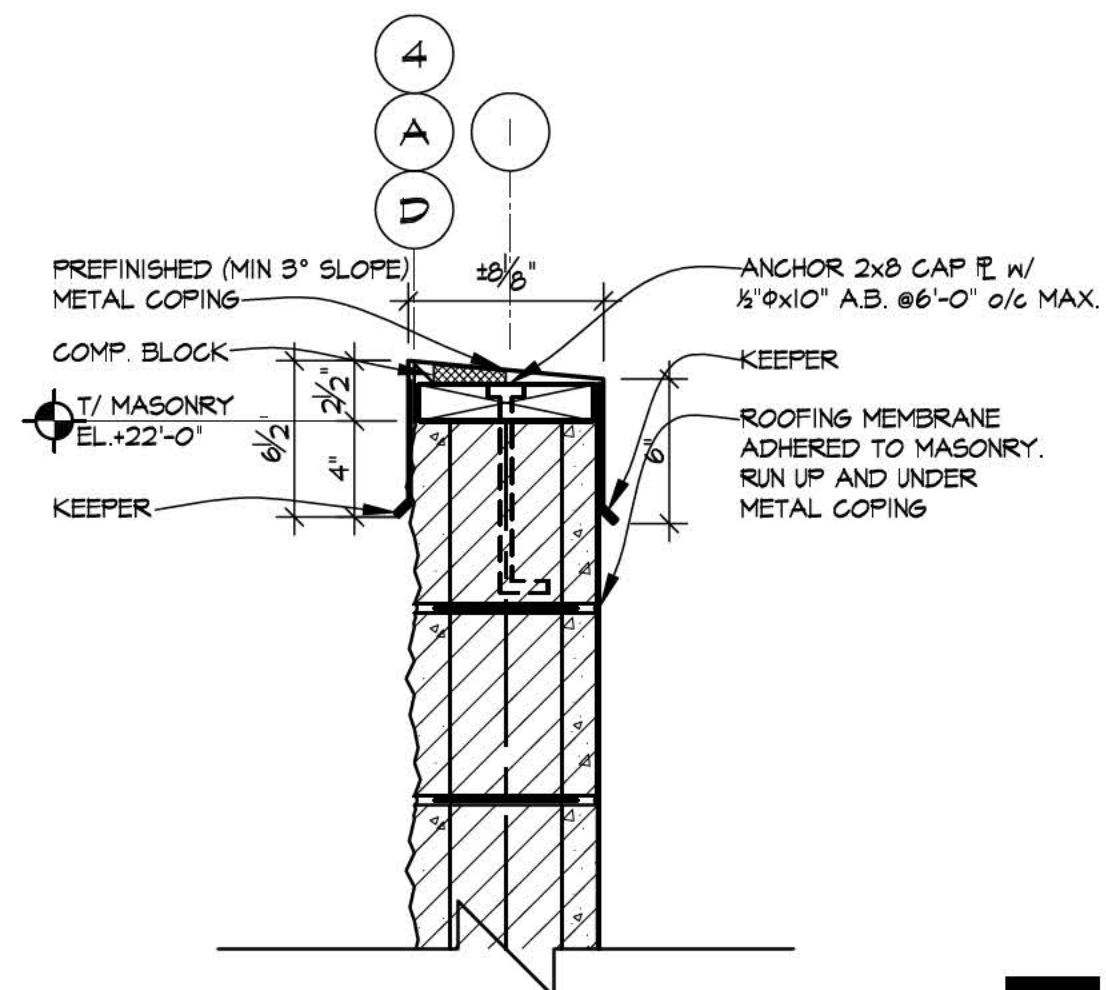
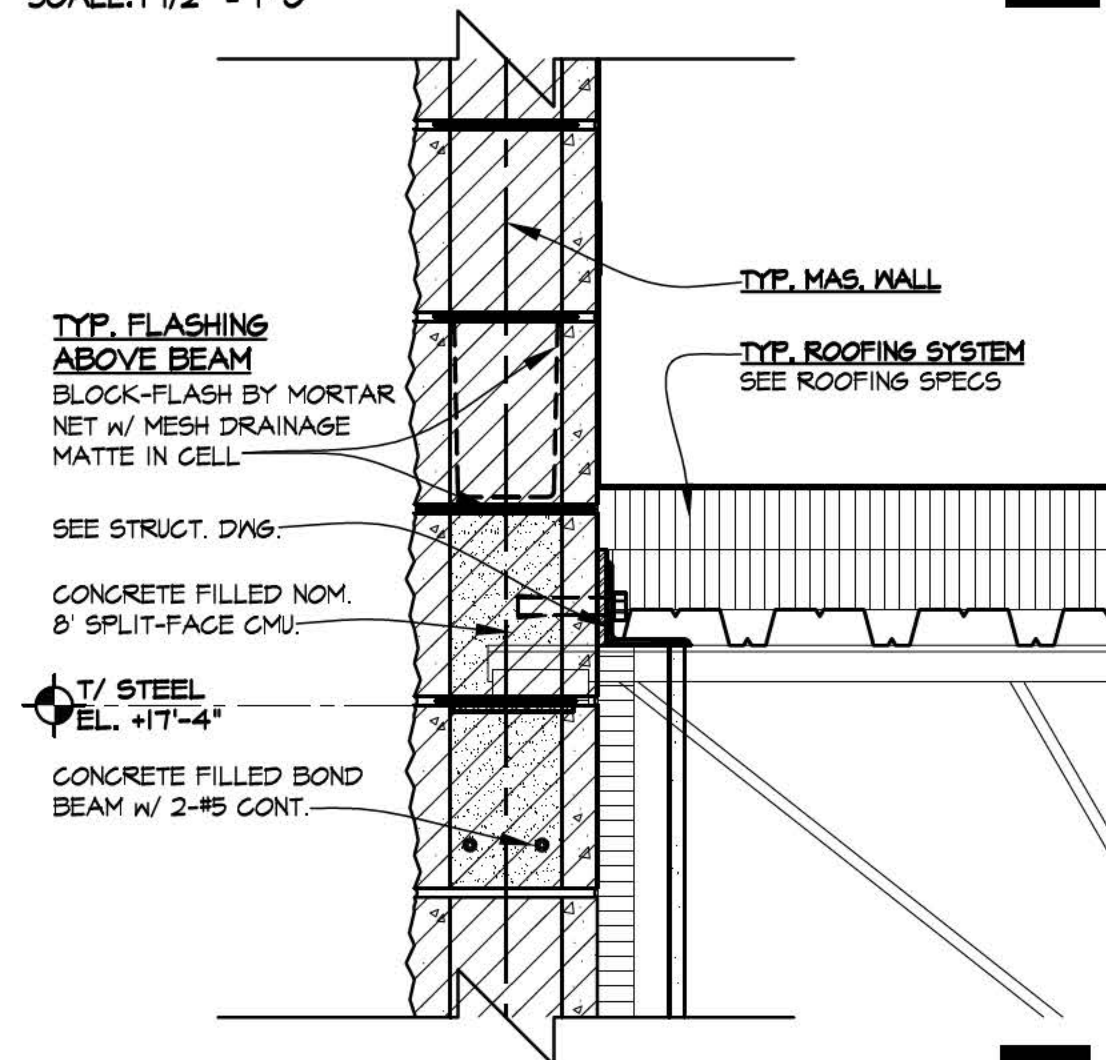


SINGLE WYTHE THRU-WALL MASONRY BLOCKFLASH INSTALLATION NOTES

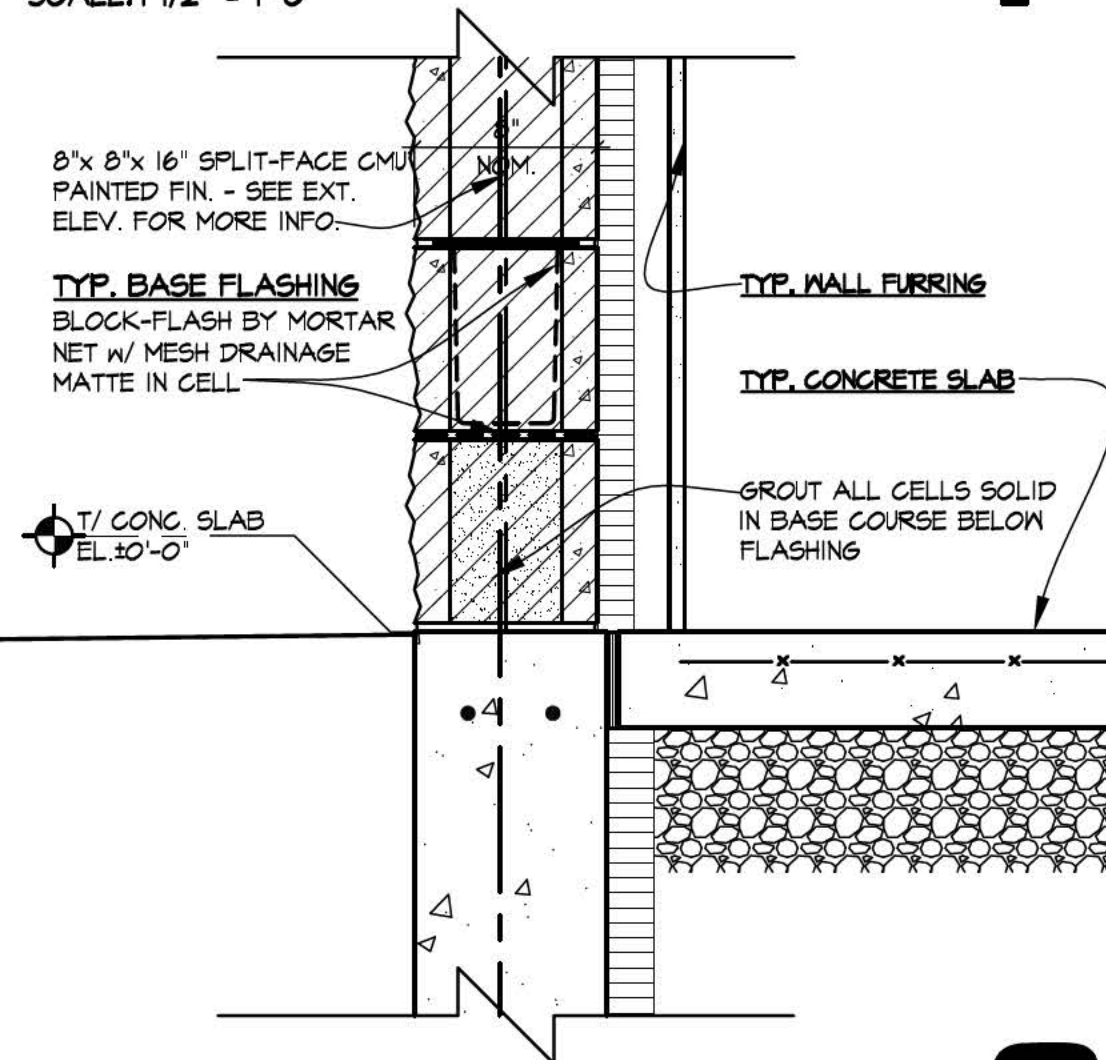
- BlockFlash is a product of Mortar Net Solutions. Provide BlockFlash near base of wall & above all lintels, steel beams, solid cores, bond beams and above any multi-wythe condition.
- See all wall sections for complete information.
- BlockFlash is to be installed ABOVE GRADE ONLY.
 - Fully grout masonry cores / cells directly below BlockFlash, for one course minimum.
 - Install the BlockFlash course by spacing BlockFlash Pan units over the cores of each block.
 - Use the reference lip on bottom of the BlockFlash spout to position the pan against front of block. The drip edge on the weep spout will extend slightly. Make sure the connector bridges overlap the next pan this will divert water into adjoining BlockFlash pans.
 - Continue BlockFlash a minimum of one cell beyond edge of any lintel opening.
- Vertical rebar/grouted cells/corners: Where walls are reinforced, eliminate the BlockFlash pan at the grouted core and detach the connector bridge from the adjoining pan by bending it back and forth a few times. Use same technique for corners. Cross bed webs adjacent to the grouted core making sure to overlap the BlockFlash flange. Use same technique for corners.
- Mortar spreading: Use standard mortar spreading techniques with mortar lapped, first over the inner and second over the outer Flanges of the BlockFlash pans. This will stabilize the pans during the installation and later help divert moisture into the BlockFlash pans. Cross web mortar front to back on both sides of the grouted cells to prevent grout from flowing onto pans adjacent to grouted cells.
- Drainage: With 8, 10 and 12 inch pans install one 7" x 16" Drainage Mat in each CMU core in the course directly above the pan course. With 6 inch pans install one 7" x 14" Drainage Mat in each CMU core directly above the pan course. 6 inch pan should run continuously so the bridge of each pan overlaps onto the pan next to it as with other sizes, but the 6 inch size pan may not align perfectly over every CMU cell or structural brick core. The Drainage Mat for all sizes should be installed front and back of CMU cells not side to side, and should touch both walls of the CMU and the BlockFlash pan. Properly installed Drainage Mats catch and suspend mortar droppings above the pans and provide pathways for water to flow past the droppings to the pans.
- Tooling-Tool all head and bed joints and remove any obstruction from the weep spouts.



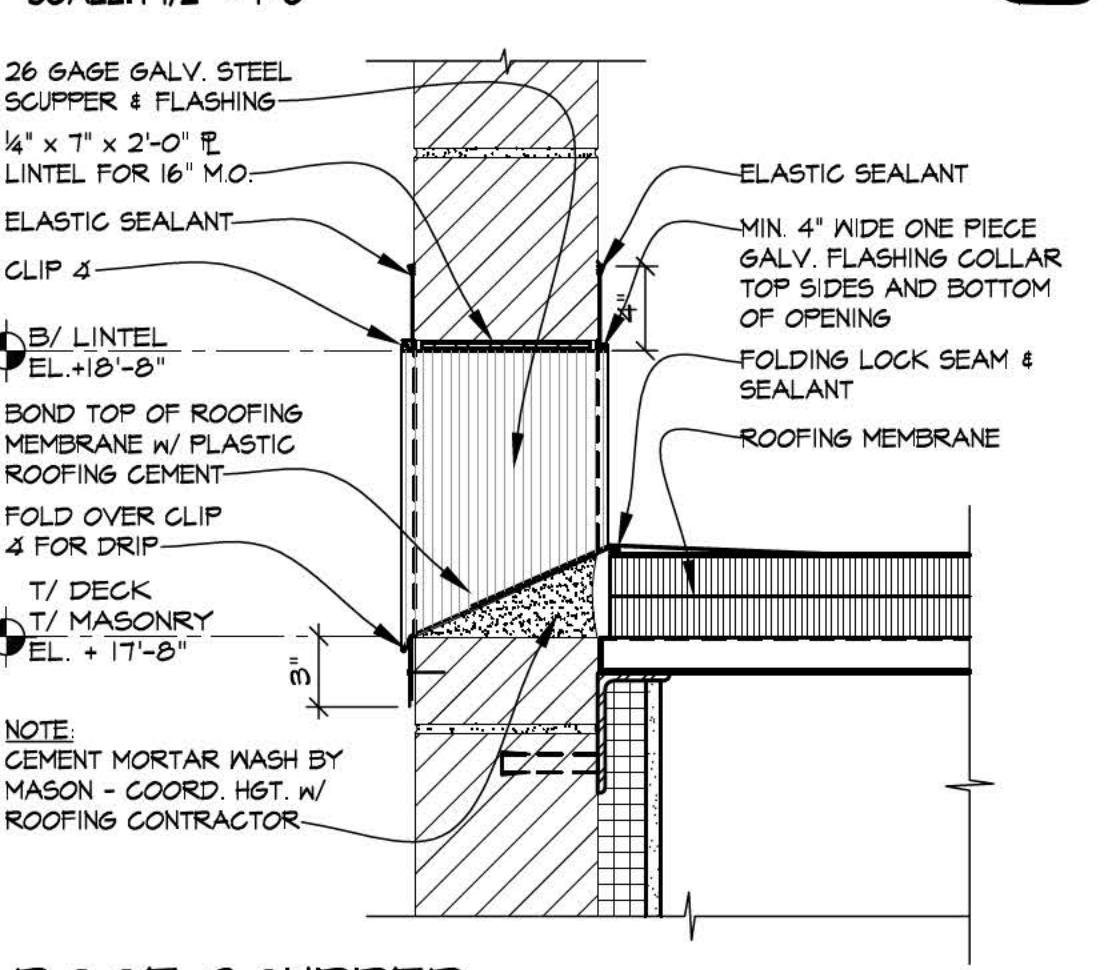
SCALE: 1/2" = 1'-0"



SCALE: 1/2" = 1'-0"

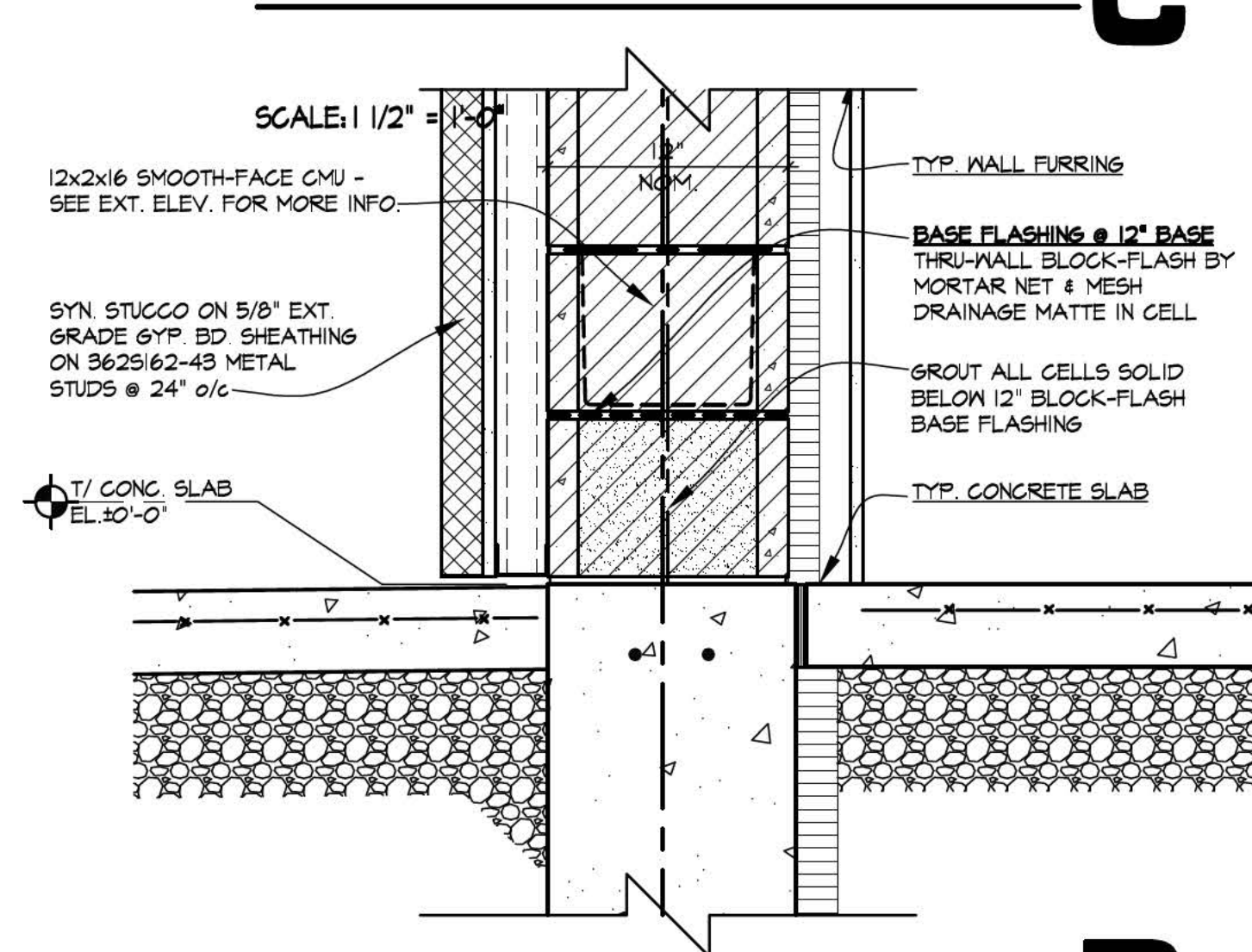
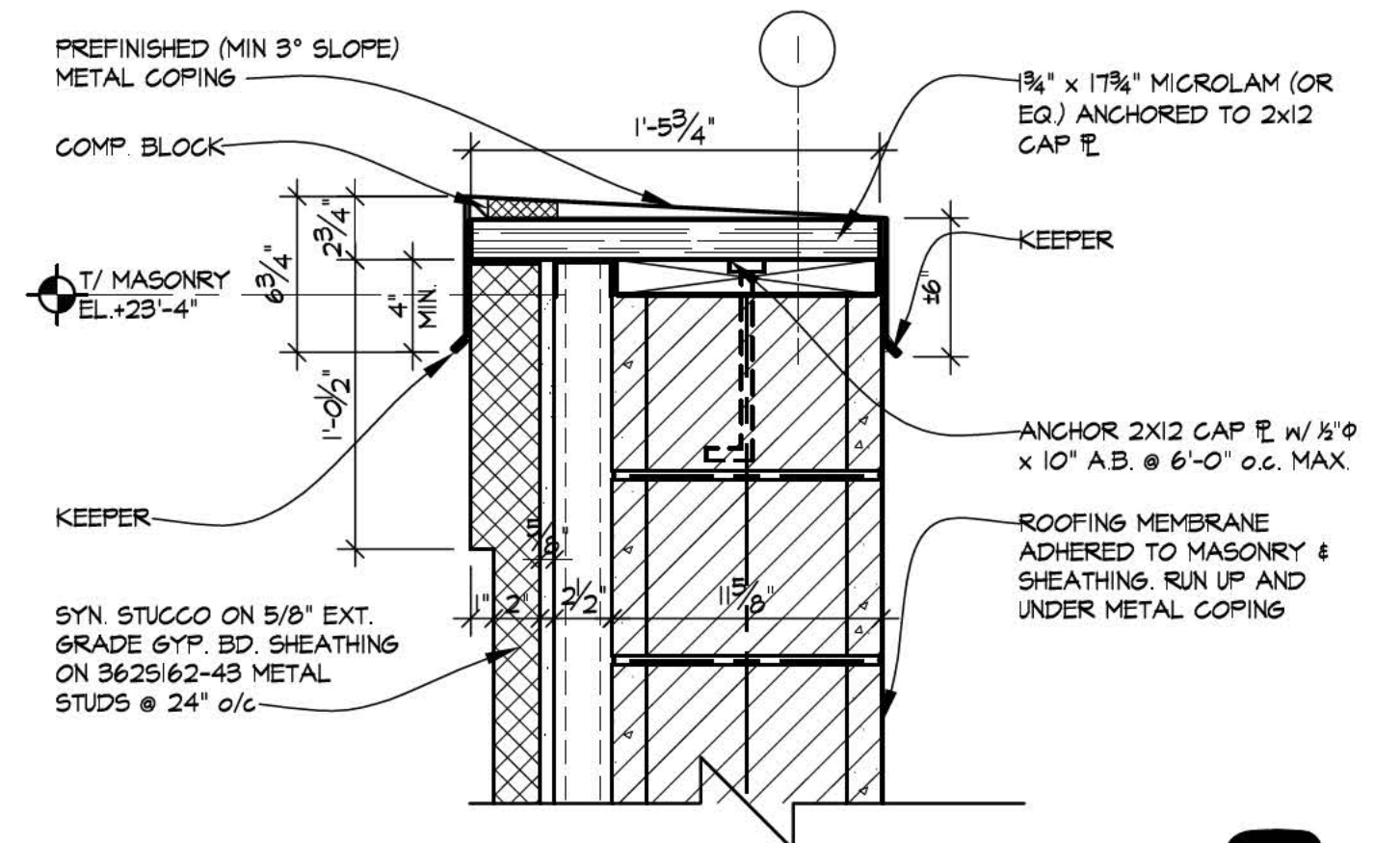


SCALE: 1/2" = 1'-0"



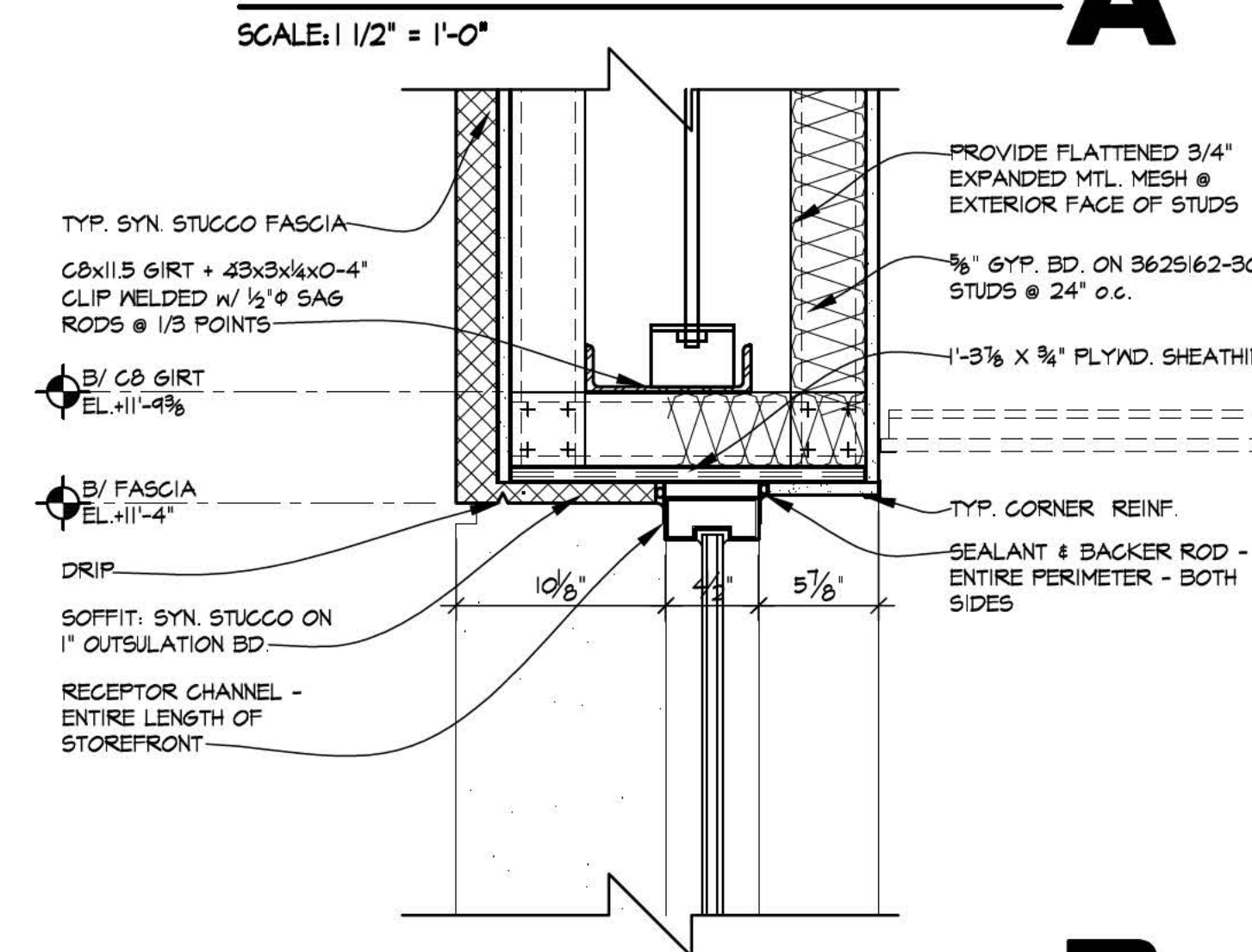
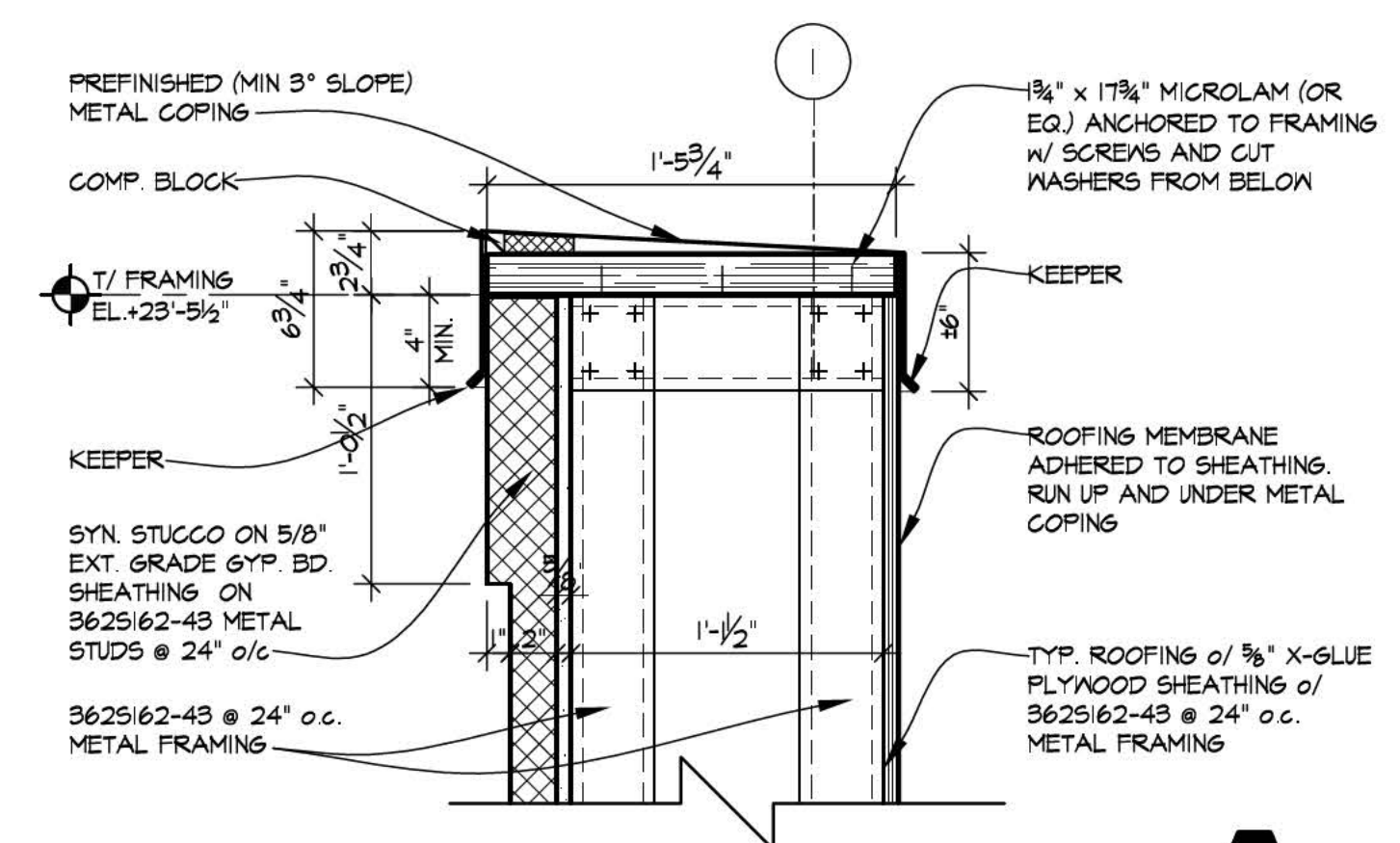
ROOF SCUPPER

SCALE: 1/2" = 1'-0"



SCALE: 1/2" = 1'-0"

EXTRUDED POLYSTYRENE INSULATION BOARD POLYSTYRENE BOARD INSULATION IS LIMITED TO A FLAME SPREAD OF 25 OR LESS (ACTUAL = 5) AND A SMOKE DEVELOPED RATINGS OF 450 OR LESS (ACTUAL = 165) PER ASTM E84. INSULATION AND STUDS TO BE FACED WITH A FACE LAYER OF 5/8" FIRECODE "C" GYPSUM DRYWALL PROTECTION AS REQUIRED BY CODE.
FIBERGLASS INSULATION FIBERGLASS INSULATION TO BE TYPE FLAME SPREAD 25 INSULATION, FACED WITH A VAPOR BARRIER OF MAX. 1.0 PERM RATINGS WHEN TESTED IN ACCORDANCE WITH ASTM E 96. THE FLAME SPREAD INDEX OF 25 AND A SMOKE DEVELOPED INDEX OF 450 PER ASTM E84.
PLYWOOD SHEATHING ALL PLYWOOD ROOF & WALL SHEATHING SHALL BE FASTENED w/8 SCREWS @ 6" O.C. @ SUPPORTED PLYWOOD EDGES, AND 12" O.C. @ INTERMEDIATE SUPPORTS, UNO, ROOF & WALL PLYWOOD SHEATHING TO MEET DOC P3 1 OR 2 STANDARDS
GYPSUM BOARD & ACCESSORIES ALL GYPSUM BOARD MATERIALS AND ACCESSORIES SHALL CONFORM TO THE APPROPRIATE STANDARDS LISTED BELOW: ACCESSORIES FOR GYPSUM BD. ASTM C 1047 GYPSUM WALLBOARD ASTM C 74 JOINT REINF. TAPE & COMPOUND ASTM C 414, C 415 STEEL SCREWS ASTM C 454, C 1002 STEEL STUDS, NON-LOAD BEARING ASTM C 645 WATER RESISTANT GYP. BACKING BD ASTM C 680 FIBER REINF. GYPSUM PANELS ASTM C 1218 TESTING GYPSUM AND GYPSUM PRODUCTS ASTM C 22, C 412, C 419



SCALE: 1/2" = 1'-0"

REVISIONS

NO.	DATE	DESCRIPTION
1	11/21/19	FOR COORDINATION
2	11/21/19	FOR BIDDING
3	11/21/19	FOR PERMIT
4	11/21/19	FOR CONTRACTING

KMA & ASSOCIATES, INC. ARCHITECTS
 1121 LAKE COOK ROAD
 DEERFIELD, ILLINOIS 60015-5235
 (847) 945-0284
 FAX (847) 945-6869

O'REILLY AUTO PARTS
 DOLTON PLAZA
 1317 E. SIBLEY BLVD. DOLTON, IL 60419
 FOR: DEPARTMENT PROPERTY GROUP, LLC

SHEET TITLE
 WALL SECTIONS
 DETAILS

1906

A
 4.1