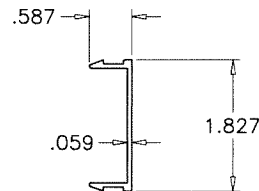


1 LOUVER (TLKS-5050)



2 BACK RAIL (CLKU-50)

ITEM NO.	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	TLKS-5050	AS REQD.	LOUVER	6063-T5	-
2	CLKU-50	AS REQD.	BACK RAIL	6063-T5	-
3	#8 X 1/2"	AS REQD.	BACKRAIL FASTENERS, AT 2" FROM EACH END	CR STEEL	PH SELF DRILLING SCREWS

WALL-MOUNTED LOUVER SYSTEM

MAX. DESIGN LOAD = ±75.0 PSF

MAX. LOUVER LENGTH = 20 FT.

DECORATIVE LOUVERS ANCHORED TO WALLS AS EXTERIOR CLADDING. WALLS TO BE DESIGNED FOR LOADS AND DEFLECTION LIMITS IN ACCORDANCE WITH THE 2023 FLORIDA BUILDING CODE.

LOUVERS SHALL ONLY BE INSTALLED IN FRONT OF CBS CONSTRUCTION (ASTM C90) OR 1/2" (5-PLY) PLYWOOD SUPPORTED BY 2X6 WOOD STUDS OR 2X6-18 GA. METAL STUDS, EACH AT 16" O.C. PLYWOOD SHALL BE ATTACHED TO FRAMING STUDS IN ACCORDANCE WITH FBC (HVHZ).

SHEATHING/PLYWOOD SHALL BE ATTACHED TO FRAMING STUDS IN ACCORDANCE WITH FBC.

WATER BARRIER REQUIREMENTS AND ADEQUACY OF STRUCTURE RECEIVING LOUVER SYSTEM SHALL BE CHECKED BY A LICENSED DESIGN PROFESSIONAL IN ACCORDANCE WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE.

INSTALLATION OF LOUVERS ACCESSORIES SUCH AS END CAPS, STARTER STRIPS AND TRIM AROUND OPENINGS SHALL BE DONE IN ACCORDANCE WITH THE CURRENT EDITION OF FLORIDA BUILDING CODE AND THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2023 (8TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2023 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

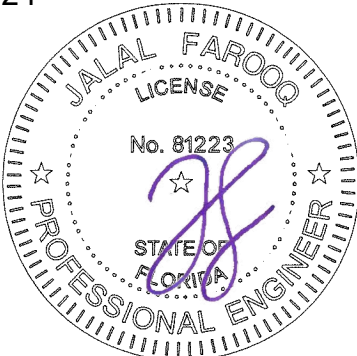
THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC. CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.

DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.

DESIGN IS BASED ON TESTING IN ACCORDANCE WITH FLORIDA BUILDING CODE CYCLIC WIND PRESSURE TEST, TAS 203-94. STATIC AIR PRESSURE TEST, TAS 202.

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- A- CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION OF THIS PRODUCT BASED ON THIS PRODUCT EVALUATION PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT.
- B- THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.
- C- SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (E.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.E.D. ENGINEER OF RECORD, ACTING AS A DELEGATED ENGINEER TO THE P.E.D. ENGINEER SHALL SUBMIT TO THIS LATTER THE SITE SPECIFIC DRAWINGS FOR REVIEW.
- D- THIS P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.



afc

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100
WWW.AFCENG.COM

FBPE #3538

SIDING\23-13F-BNI

WALL-MOUNTED LOUVER SYSTEM

B+N Industries

1409 Chapin Avenue, 3rd Floor
Burlingame, California 94010
PHONE: (650) 593-4127
www.brind.com

revisions:

date: 03-07-23

scale: 3/8" = 1"

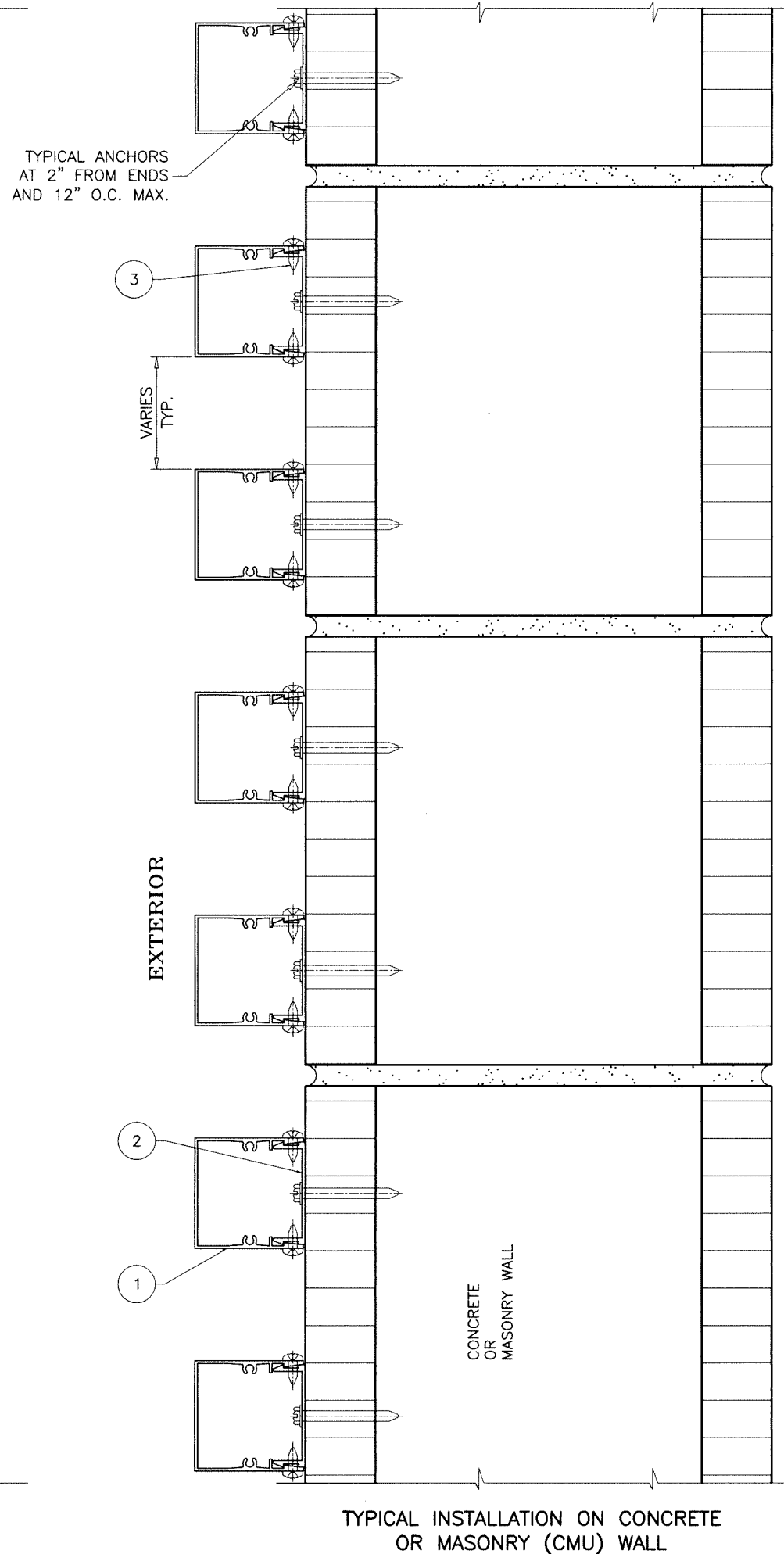
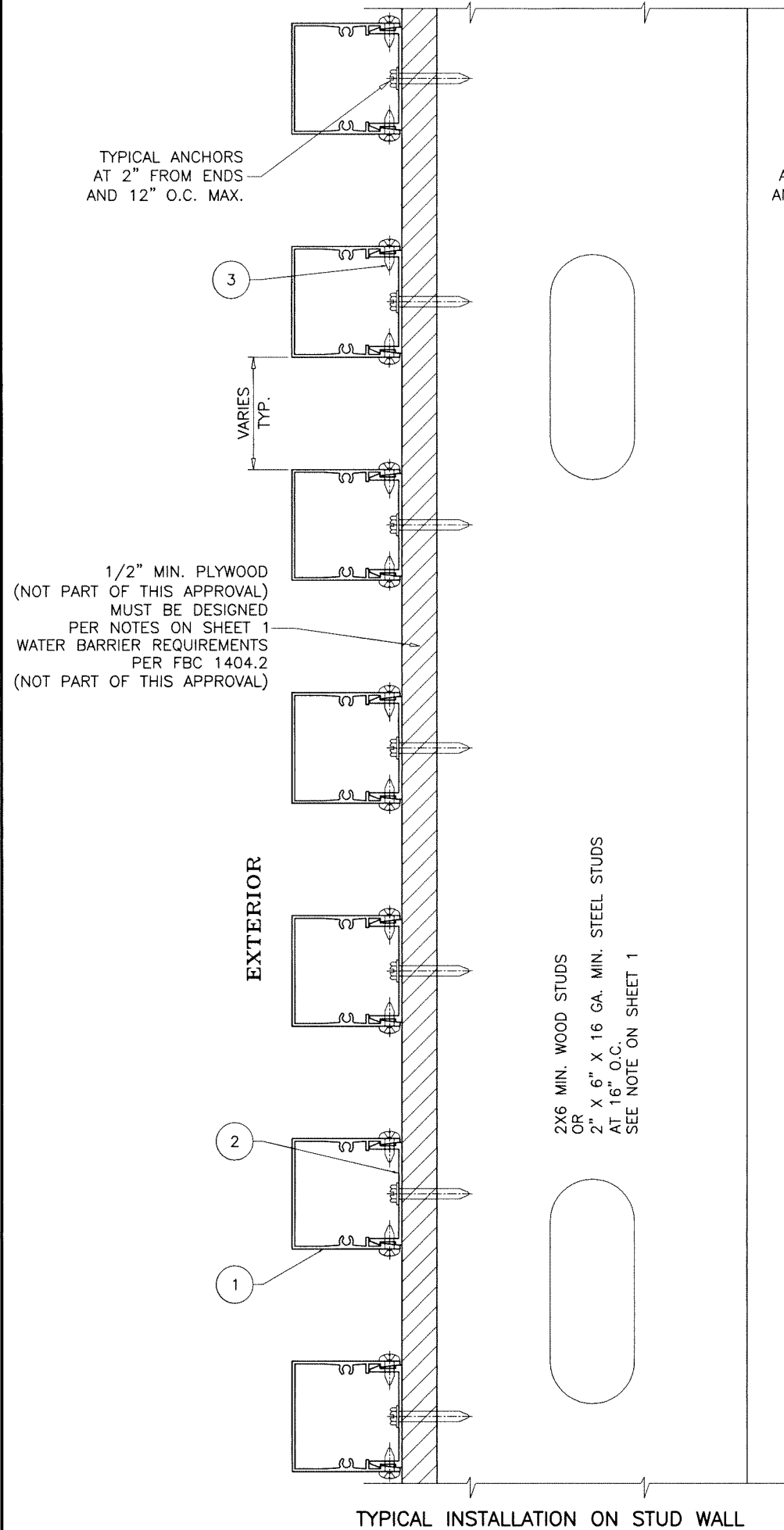
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chk. by:

drawing no.

23-13F

sheet 1 of 3



MAX. VERTICAL UPLIFT LOAD = 146.2 PSF

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

#10 SMS OR WOOD SCREWS

INTO 1/2" THK. PLYWOOD (MIN. C-D GRADE, GROUP 1)
1/2" MIN. PENETRATION

3/16" DIA. TAPCON BY 'ITW' ($F_u=125$ KSI, $F_y=100$ KSI)

DIRECTLY INTO CONCRETE OR BLOCK WALL
1" MIN. EMBED INTO CONCRETE OR BLOCKS

CRITICAL EDGE DISTANCE

INTO CONCRETE AND BLOCKS = 1-1/2" MIN.

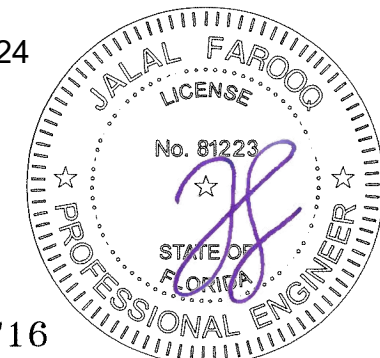
WOOD SG = 0.44 MIN.

CONCRETE f'_c = 3000 PSI MIN.

C-90 HOLLOW BLOCKS f'_m = 2000 PSI MIN.

HORIZONTAL ORIENTATIONS

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WALL-MOUNTED LOUVER SYSTEM

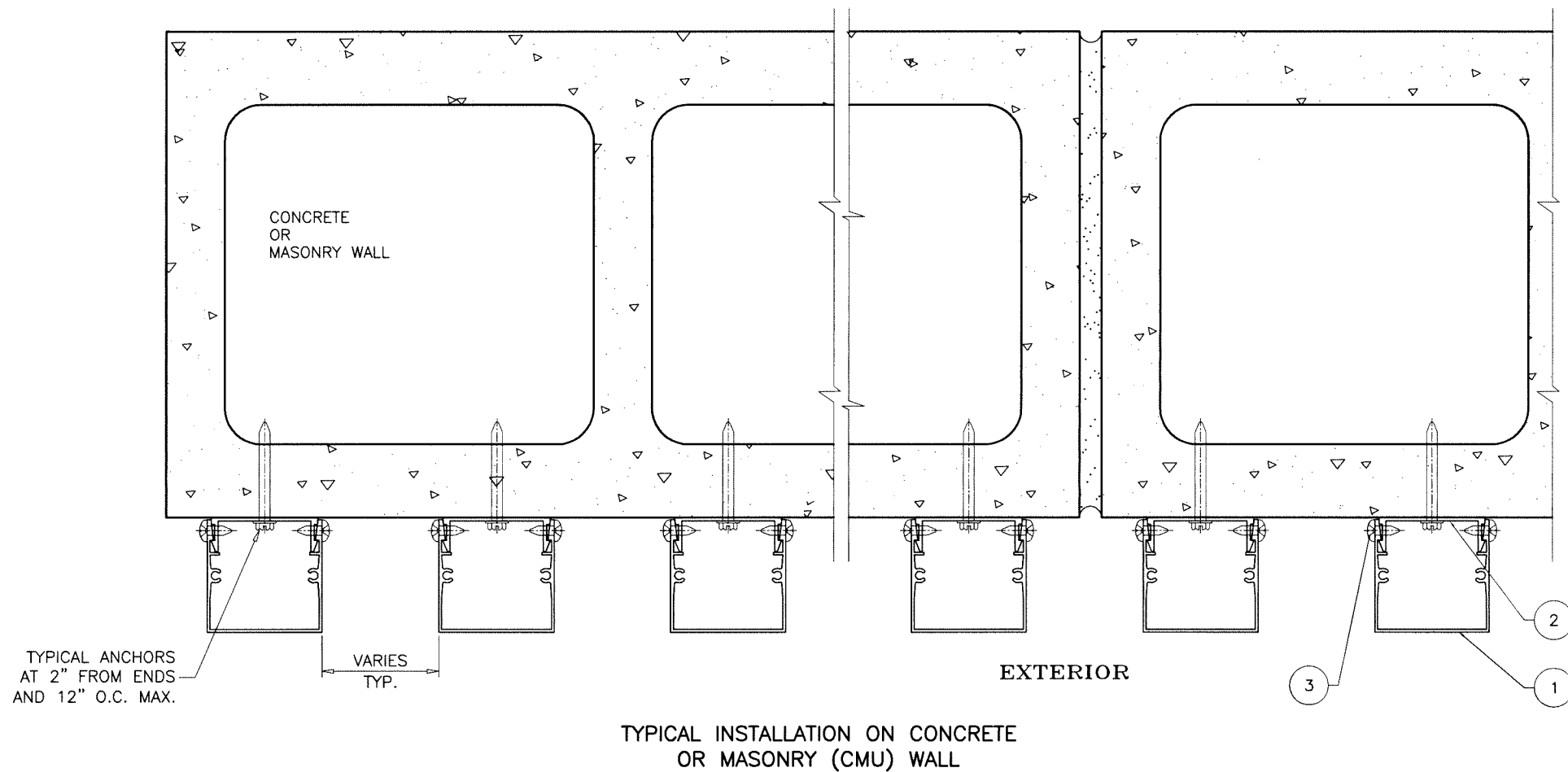
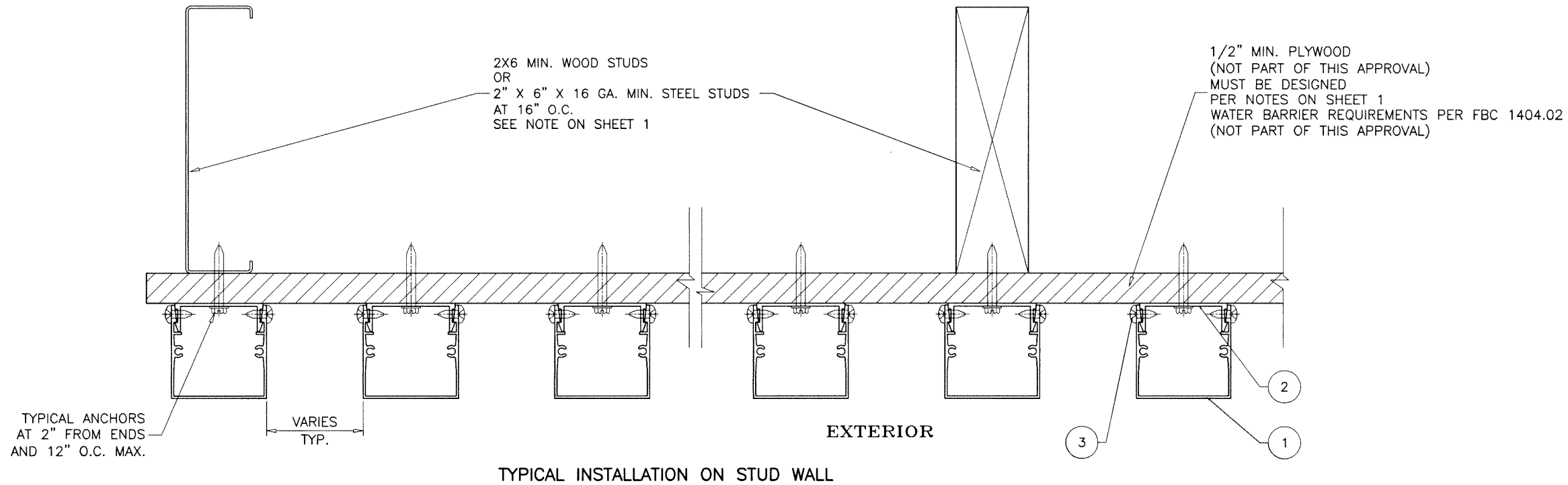
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revisions:	no	date	by	description

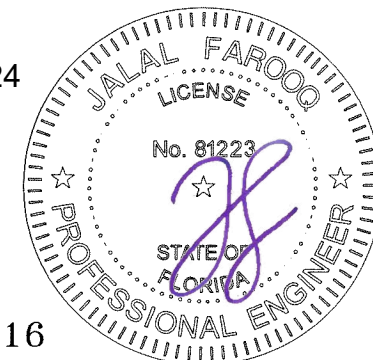
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23-13F
sheet 2 of 3



VERTICAL ORIENTATIONS

Sealed: 4/30/24



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date: 03-07-23
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chk. by:

drawing no.
23-13F
sheet 3 of 3