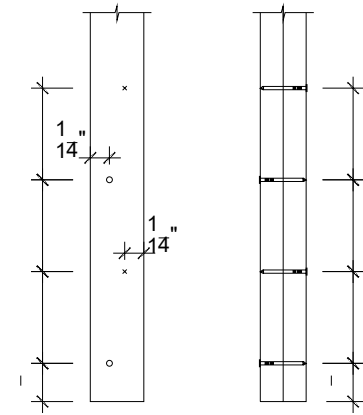
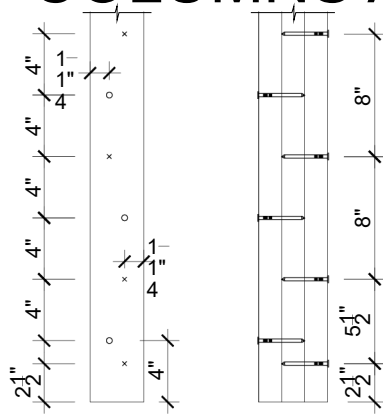


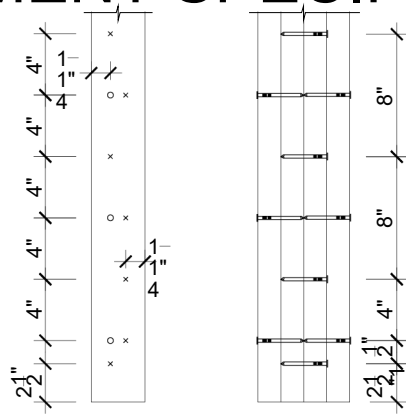
BUILT-UP COLUMNS ATTACHMENT SPECIFICATIONS



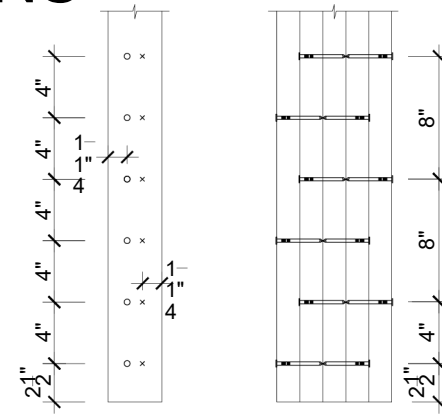
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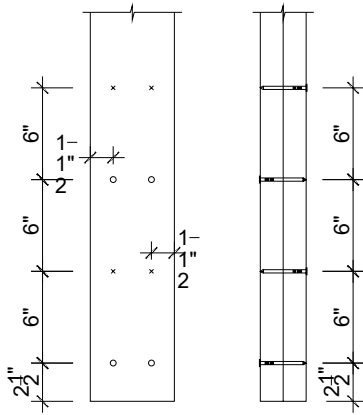
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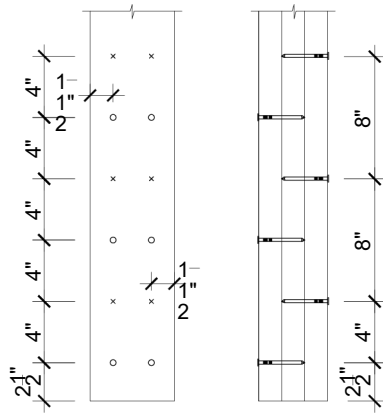
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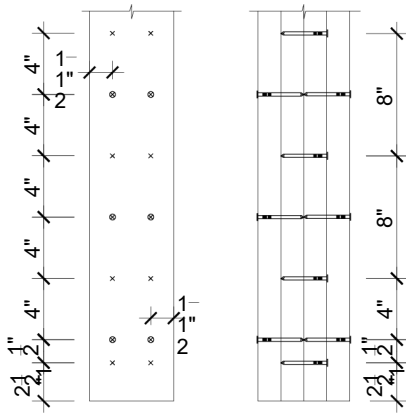
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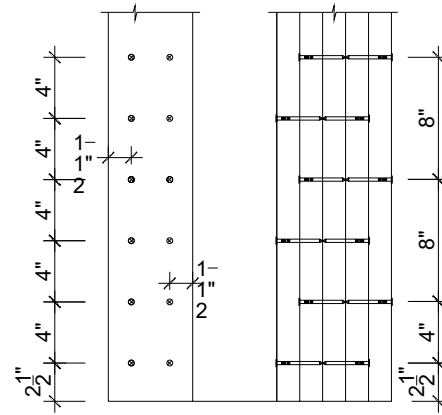
2-2x6 SPF#2



3-2x6 SPF#2



4-2x6 SPF#2



5-2x6 SPF#2



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CALGARY, AB TEL:
403-479-1350

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INCORRECT, INCOMPLETE OR MISLEADING INFORMATION.



ALL NAILS TO BE
10d-3" COMMON WIRE
NAILS OR 10d-3.25"
BOX NAILS

- NEAR FACE
- × OPPOSITE FACE

- "STANDARD" LOAD DURATION (DEAD LOAD + SNOW OR
OCCUPANCY) - SERVICE CONDITION "DRY" - UN-BRACED
COLUMNS ARE EFFECTIVELY PINED AT EACH END
(SUPPORTED BY WALL PLATES) - TO BE CONSIDERED
BRACED, THE WALL MUST BE AT LEAST 4'-0" LONG AND
PROVIDE LATERAL SUPPORT, EACH PLY OF BUILT-UP
COLUMN MUST BE ATTACHED TO SHEATHING AT LEAST
ON ONE SIDE - COLUMNS REQUIRE TO BE BRACED BY
WALL SHEATHING IN THE WEAK (NARROW) AXIS.
ATTACHMENT OF SHEATHING TO COLUMN AS PER
ALBERTA BUILDING CODE REQUIREMENTS.

THIS DESIGN APPLIES ONLY TO NOTED PROJECT. IT IS THE
RESPONSIBILITY OF THE BUILDER TO ENSURE ALL
CONSTRUCTION IS CARRIED OUT ACCORDINGLY TO THE
CRITERIA STATED IN THIS DOCUMENT. IF ANY DESIGN OR
PROCEDURAL CHANGES ARE MADE DURING OR AFTER
CONSTRUCTION THEN WORK SHOULD BE STOPPED AND
CONCISE ENGINEERING SHOULD BE NOTIFIED.

REVISIONS

REV. #	DATE	DESIGNER

PERMIT 01 PRACTICE #15313
MEMBER 72591



2026-03-01

EXPIRY DECEMBER 31, 2026

DRAWN BY:	T.ZAORALEK
REVIEWED BY:	K.SULAMAEGI

STANDARD BUILT-UP COLUMN
SPECIFICATIONS & LOAD CHART

PROJECT NO:	26161
PROJECT LOCATION:	
CUSTOMER:	STAR BUILDING MATERIALS
	NTS
SHEET NUMBER	1/1

UN-FACTORED COMPRESSIVE RESISTANCE		UN-BRACED - BUILT-UP COLUMN				BRACED - BUILT-UP COLUMN			
BUILT-UP POST SIZE		8'-1"	9'-1"	10'-1"	12'-0"	8'-1"	9'-1"	10'-1"	12'-0"
2x4 SPF#2	2-2x4 SPF#2	2,330 lbs	1,800 lbs	1,430 lbs	900 lbs	5,380 lbs	4,270 lbs	3,480 lbs	2,250 lbs
	3-2x4 SPF#2	6,580 lbs	5,620 lbs	4,845 lbs	3,320 lbs	8,070 lbs	6,410 lbs	5,225 lbs	3,385 lbs
	4-2x4 SPF#2	10,340 lbs	8,280 lbs	6,785 lbs	4,430 lbs	10,760 lbs	8,550 lbs	6,960 lbs	4,515 lbs
	5-2x4 SPF#2	12,500 lbs	10,400 lbs	8,500 lbs	5,500 lbs	13,100 lbs	10,400 lbs	8,400 lbs	5,450 lbs
2x6 SPF#2	2-2x6 SPF#2	3,660 lbs	2,830 lbs	2,260 lbs	1,420 lbs	12,400 lbs	12,250 lbs	11,480 lbs	8,895 lbs
	3-2x6 SPF#2	10,340 lbs	8,830 lbs	7,610 lbs	5,435 lbs	17,700 lbs	17,450 lbs	17,200 lbs	13,340 lbs
	4-2x6 SPF#2	17,220 lbs	15,690 lbs	14,320 lbs	11,470 lbs	22,800 lbs	22,450 lbs	22,160 lbs	17,790 lbs
	5-2x6 SPF#2	23,200 lbs	21,000	19,100 lbs	15,200 lbs	27,100	26,650 lbs	26,300 lbs	21,100 lbs

lbs

lbs