

## INSTALLER NOTES

THE FOLLOWING ITEMS ARE THE RESPONSIBILITY OF THE INSTALLER

1. SYSTEM INSTALLER IS RESPONSIBLE FOR ENSURING A WATERTIGHT SEAL AT ALL EXTERIOR FRAMING/WEATHERSTRIP INTERSECTIONS, GLAZING JOINTS AND FASTENER PENETRATIONS.

2. SYSTEM INSTALLER WILL PROVIDE ALL INSTALLATION MATERIALS INCLUDING LABOR, BED OF CAULK AND FASTENERS TO THE BUILDING.

3. IT IS THE RESPONSIBILITY OF THE INSTALLER TO ISOLATE ANY MAJOR INDUSTRIES SYSTEM THAT COMES IN CONTACT WITH A DISSIMILAR METAL OR MASONRY USING BITUMINOUS PAINT OR A SUITABLE MEMBRANE.

4. MAJOR INDUSTRIES WILL NOT ACCEPT RESPONSIBILITY FOR ANY FIELD MODIFICATIONS TO THE SYSTEM(S) WITHOUT PRIOR WRITTEN APPROVAL.

5. CONTRACTOR NOTE: NO BACK CHARGES WILL BE ACCEPTED WITHOUT PRIOR WRITTEN APPROVAL BY MAJOR INDUSTRIES BEFORE WORK IS STARTED.

6. MAJOR INDUSTRIES IS NOT RESPONSIBLE FOR SYSTEM MODIFICATIONS DUE TO SITE, CURB, OR WEATHER CONDITIONS.

7. DO NOT APPLY SUCTION DEVICES TO FRP SURFACES FOR THE PURPOSE OF MANEUVERING, LIFTING OR INSTALLING PANELS AND/OR SYSTEMS. USE OF SUCH DEVICES IS PROHIBITED AND WILL VOID ALL WARRANTIES.

8. DUE TO THE RISK OF POTENTIAL FAILURE, INSTALLATION OF THIS PRODUCT IS NOT RECOMMENDED IN TEMPERATURES BELOW 32° F. PLEASE CONTACT MAJOR INDUSTRIES FOR ADDITIONAL DETAILS.

9. SYSTEM IS TO BE INSTALLED LEVEL AND PROPERLY ALIGNED. OVERALL WORKPOINT DIMENSIONS ARE TO BE HELD AS SHOWN, TO ENSURE PROPER FIT AND FUNCTION OF THE UNIT.

10. INSTALLER IS RESPONSIBLE FOR PROVIDING THE CORRECT SEALANT IN ORDER TO MAINTAIN AN AIR AND WATERTIGHT SEAL.

11. ALL GLAZING MATERIALS ARE TO BE STORED AND TRANSPORTED IN A CONTROLLED ENVIRONMENT FREE FROM WATER, CONDENSATION AND DIRT.

## APPROVED INSTALLATION MATERIALS

SEALANT TREMCO DOW-CORNING	SHIMS PRESSURE TREATED WOOD METAL PLASTIC	CLEANING SOLUTIONS MILD SOAP NON-CORROSIVE NON-ABRASIVE NO AMMONIA NO CHLORINE NO SOLVENTS
----------------------------------	--	--

## DRAFTING SYMBOL KEY

<b>T-</b>	TRIM TYPE BY MAJOR	<b>X</b>	FASTENER TYPE
<b>S</b>	SHOP DRILL BY MAJOR	<b>U/F</b>	USED IN FABRICATION
<b>F</b>	FIELD DRILL BY INSTALLER		
<b>A</b>	UNIT / ITEM IDENTIFIER	MAJOR DTL #	MAJOR SHT #
<b>A1</b>	GLAZING IDENTIFIER		
<b>1</b>	REVISION IDENTIFIER	ARCH DTL #	ARCH SHT #

## FASTENER SCHEDULE

ALL FASTENERS SUPPLIED BY MAJOR INDUSTRIES INC. ARE SERIES 300 STAINLESS STEEL

A	1/4-20" x 1" HEX HD SS MS	AA	#14 X 2" PH FL HD SS SMS
B	1/4" SEALING WASHER	AB	#14-20 X 1 3/4" HEX HD SS MS
C	1/4-20 x 1" PH FL HD SS MS	AC	#14 X 1 1/4" PH FL HD SS SMS
D	#10 x 3/4" HEX HD SS TEK	AD	#14 X 1 1/4" HEX HD SS MS
E	#10 SEALING WASHER	BB	3/8" X 1" HEX HD SS MS
F	#12 x 3/4" HEX HD SS SMS	CC	1/8" X 3/8" POP RIVET
G	1/4-20 x 5/8" PH FL HD SS MS	DD	1/4" FLAT WASHER
H	1/4-20 SS NYLOC HEX NUT	EE	3/8" X 1-1/4" HEX HD SS MS
J	1/4-20 x 5/8" HEX HD SS MS	FF	3/8" SS HEX NUT
K	1/4-20 x 3/4" HEX HD SS MS	GG	3/8" SS LOCK WASHER
L	#14 x 1" HEX HD SS TEK	HH	3/8" SS FLAT WASHER
M	1/4-20 x 1-1/2" HEX HD SS MS	JJ	#8 X 5/8" HEX WS HD SS TEK
N	#10 x 3/4" PH PAN HD SS TEK	KK	#14 X 1-1/4" HEX WS HD SS TEK
P	#14 x 3/4" HEX HD SS SMS	LL	#14 X 2" HEX HD SS TEK
Q	#14 x 3/4" PH FL HD SS SMS	MM	#14 X 3/4" HEX HD SS TEK
R	#14 x 1" HEX HD SS SMS	NN	#12 X 3/4" HEX HD SS TEK
S	#14 x 1" PH FL HD SS SMS	PP	#10 X 1-1/2" PH PAN HD SS TEK
T	#14 x 1-1/4" HEX HD SS SMS	PS	#10 X 1 1/2" FL HD SQ DRIVE SS TEK
U	#14 x 1-1/4" PH FL HD SS SMS	RR	#14 X 3" PH FL HD SS SMS
V	#14 x 1-1/2" HEX HD SS MS	SS	1/4-20 X 3/4" PH FL HD SS MS
W	#14 X 1-1/2" PH FL HD SS SMS	TT	#14 X 1" PH PAN HD SS TEK
X	#14 X 1-3/4" HEX HD SS SMS	XX	#14 X 1" PH FL HD UC SS TEK
Y	#14 X 1-3/4" PH FL HD SS SMS		
Z	#14 X 2" HEX HD SS SMS		

CONTRACTOR IS RESPONSIBLE TO CHECK AND COORDINATE THIS SUBMITTAL WITH THE REQUIREMENTS OF THE WORK AND TO VERIFY ALL QUANTITIES, MATERIALS, FIELD MEASUREMENTS AND FIELD CONSTRUCTION CRITERIA RELATED THERETO. REVIEW IS ONLY FOR CONFORMANCE WITH THE DESIGN CONCEPT OF THE WORK AND COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. NO DEVIATIONS FROM THE CONTRACT DOCUMENTS ARE INCULCATED IN THE REVIEW UNLESS CALLED TO ATTENTION OF ARCHITECT AND RESPONDED TO IN WRITING BY ARCHITECT.		NOT REVIEWED SELECTED REVISE AND RESUBMIT FINAL REVIEW EXCEPTIONS NOTED FINAL REVIEW NO EXCEPTIONS NOTED REVIEWED ONLY FOR LOADS TO STRUCTURE SUBMIT SPECIFIC ITEM
Holmes	DATE: 07/06/2022 BY: Elyssa Adams HOLMES STRUCTURAL SUBMITTAL #: 08 45 23-6	
HOLMES: The offered submittal documents have been reviewed and found to be in general conformance with the design of the building.		

City Of Portland

REVIEWED FOR CODE COMPLIANCE

Date: 08/18/22

Permit # 22-131779-DFS-01-FA

# Glencoe Elementary

## JOB#: 24817

PSE CONSULTING ENGINEERS, INC.

[www.Structure1.com](http://www.Structure1.com)

Phone: (541) 850-6300

Fax: (541) 850-6233

250 Main Klamath Falls, Oregon 97603

[www.mt2@structure1.com](mailto:www.mt2@structure1.com)

CLS ENGINEERING 222-017

## CONTRACT NOTES

1. THESE DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH MAJOR INDUSTRIES INC. QUOTATION OR PER AN ACCEPTED PURCHASE ORDER.

2. REVISIONS, ADDITIONS, OR DEDUCTIONS REQUIRE WRITTEN AUTHORIZATION OR A REVISED PURCHASE ORDER ACCOMPANYING RETURNED PRINTS.

3. MAJOR INDUSTRIES INC. WILL ASSUME NO RESPONSIBILITY BEYOND MANUFACTURING IN ACCORDANCE WITH THESE DRAWINGS OR FROM ERRORS RESULTING FROM THE USE OF THESE DRAWINGS BY OTHER TRADES.

4. APPROVAL BY THE ARCHITECT AND CUSTOMER SHALL CONSTITUTE ACCEPTANCE OF ALL MODIFICATIONS MADE BY MAJOR INDUSTRIES INC. TO THE PLANS AND SPECIFICATIONS TO MEET ONSITE CONDITIONS AND OTHER CODE REQUIREMENTS.

5. REQUESTS FOR REVISIONS AFTER MAJOR INDUSTRIES INC. HAS BEEN AUTHORIZED TO PROCEED WITH FABRICATION, WILL BE SUBJECT TO A MINIMUM HANDLING CHARGE PLUS THE COST OF FABRICATED MATERIALS.

6. IT IS THE RESPONSIBILITY OF THE CUSTOMER AND ARCHITECT TO VERIFY ALL DIMENSIONS, QUANTITIES AND INSTALLATION DETAILS. THE OUT TO OUT OF CURB DIMENSIONS MUST BE VERIFIED IN FIELD, OR GUARANTEED IN WRITING, BEFORE ANY UNIT(S) WILL BE FABRICATED.

7. THE PROJECT WILL NOT BE PLACED IN THE PRODUCTION SCHEDULE UNTIL MAJOR INDUSTRIES RECEIVES ALL OF THE FOLLOWING:

A. APPROVED FRP COLOR SELECTION.

B. APPROVED ALUM COATING AND COLOR SELECTION.

C. APPROVED SUBMITTAL DRAWINGS.

D. FIELD VERIFIED DIMENSIONS OR A WRITTEN GUARANTEE STATING CURB DIMENSIONS WILL BE FIELD CONSTRUCTED IN RIGID CONFORMANCE WITH CURB DIMENSIONS STATED ON APPROVED SUBMITTAL DRAWINGS.

## GENERAL SYSTEM NOTES

A. THE ARCHITECT AND GENERAL CONTRACTOR ARE RESPONSIBLE FOR PROVIDING ADEQUATE CURBS AND/OR MOUNTING SURFACES CAPABLE OF WITHSTANDING THE OUTWARD THRUST FORCES GENERATED BY THE PANEL SYSTEM(S).

B. MAJOR INDUSTRIES IS RESPONSIBLE ONLY FOR THE CLOSURE SYSTEM.

C. ALUMINUM EXTRUSIONS SHALL CONFORM TO ASTM B221 TYPE 6063T5 OR T6 AS PRODUCED BY MAJOR INDUSTRIES.

D. ALUMINUM CLADDING AND FORMED ALUMINUM SHAPES - PROPER ALLOY TO BE USED TO CLOSELY MATCH APPROVED FINISH.

E. MAXIMUM LENGTH OF FORMED ALUMINUM NOT TO EXCEED 10'-0" (120") WITH STRETCH OUT NOT TO EXCEED 4'-0" (48").

F. COLOR VARIATIONS ARE INHERENT IN FRP FACE SHEETS AND WHILE MAJOR INDUSTRIES STRIVES TO CREATE AN IDEAL MATCH BETWEEN ALL PANELS WE SUPPLY FOR A PROJECT, SOME COLORS MAY SHOW NOMINAL LOT-TO-LOT VARIANCE.

G. PLEASE NOTE THAT DUE TO THE FLEXIBLE NATURE OF FRP FACE SHEET, SOME SURFACE VARIATION IS INHERENT IN EACH PANEL (AND CAN BE MORE EVIDENT IN LARGE, OR CUSTOM GRID SIZES). MAJOR INDUSTRIES DESIGNS AND MANUFACTURES PANEL SYSTEMS IN SUCH A WAY AS TO MINIMIZE THIS EFFECT, BUT ASSUMES NO RESPONSIBILITY FOR THESE VARIATIONS.

H. ADDITIONAL PANEL PROTECTION, SUCH AS NETTING OR SIMILAR PROTECTIVE MATERIAL IS RECOMMENDED IN AREAS WHERE THE SYSTEM MAY BE SUBJECT TO NON-WEATHER RELATED IMPACTS

## GUARDIAN 275® SYSTEM SPECIFICATIONS

WE PROPOSE TO FURNISH GUARDIAN 275®\* FRAMING AND MATERIALS, PER THE FOLLOWING SPECIFICATIONS, USING OUR STANDARD FRAMING SYSTEM(S), ACCESSORIES, ANCHOR CLIPS, FASTENERS AND SETTING BLOCKS.

MATERIAL WILL BE FABRICATED AND SHIPPED K.D. FOR:

THREE (3) SINGLE SLOPE SKYLIGHTS  
WIDTH: 6'-2"  
LENGTH: 7'-8"  
SLOPE: 4.76°  
BAYS: 1 UPSLOPE, 2 LENGTHWISE

FOUR (4) SINGLE SLOPE SKYLIGHTS  
WIDTH: 7'-8"  
LENGTH: 6'-2"  
SLOPE: 4.76°  
BAYS: 1 UPSLOPE, 2 LENGTHWISE



EXPIRES: 06/30/2024

NOMINAL PANEL THICKNESS: 2-3/4"  
GRID PATTERN: IN-LINE SHOJI  
NOMINAL GRID SPACING: 12" X 24"  
EXTERIOR FRP: .070" US "SILVER EDITION" CRYSTAL  
INTERIOR FRP: .045" FIRE RATED CRYSTAL  
ALUMINUM SURFACE FINISH: PAINT  
SELECTED COLOR: AAMA2604 TBD  
THERMAL BREAK: N/A  
CENTER OF PANEL U-FACTOR: .20  
LIGHT TRANSMISSION: 33%  
SOLAR HEAT GAIN COEFF: 0.23

PLEASE PROVIDE  
APPROVED COLOR  
SELECTION

## EXCLUSIONS

THE FOLLOWING ITEMS ARE NOT SUPPLIED BY MAJOR INDUSTRIES INC. UNLESS STATED OTHERWISE.

- TAXES.
- FIELD MEASUREMENTS PRIOR TO FABRICATION.
- COUNTER FLASHING REGLETS, AND CRICKETS.
- MOCK-UPS AND TESTING OF ANY KIND.
- WOOD BLOCKING AND STRUCTURAL / MISCELLANEOUS STEEL SUPPORTS INCLUDING EMBEDS.
- GUTTERS, LINERS, AND DOWNSPOUTS.
- RETAINAGE.
- PHYSICAL PROTECTION AND FINAL CLEANING OF INSTALLED MATERIALS.
- PREMIUM FOR PERFORMANCE / PAYMENT BONDS.
- NETTING, BARRICADES, DUMPSTERS AND / OR REMOVAL OF TRASH DEBRIS FROM SITE.
- MULTIPLE SHIPMENTS.
- CURBS.
- HEAD / JAMB FLASHING FOR WALL PANEL SYSTEMS.
- TRIM.
- ALL STEEL.
- FINAL FASTENERS BETWEEN EDGE PERIMETER AND BUILDING.
- SEALANT, BACKER ROD AND SHIM MATERIAL.
- CONCEALED AND COUNTERSUNK FASTENERS.
- CERTIFIED CALCULATIONS.
- TAMPER-PROOF FASTENERS.
- STRUCTURAL CALCULATIONS AND DESIGN LOADS SPECIFICALLY EXCLUDE ANY OTHER SYSTEM THAT IS ATTACHING TO MAJOR'S DAYLIGHTING SYSTEM (INCLUDING BUT NOT LIMITED TO SPRINKLER AND HVAC SYSTEMS) UNLESS SAID SYSTEMS ARE SPECIFICALLY NOTED BY MAJOR INDUSTRIES IN ITS DRAWINGS AND STRUCTURAL CALCULATIONS.
- UNLESS SPECIFICALLY NOTED, WALL PANEL SYSTEMS DO NOT ALLOW FOR VERTICAL HEAD OR SILL DEFLECTION OF THE BUILDING STRUCTURE.

## STRUCTURAL DESIGN CRITERIA

THE FOLLOWING DESIGN CRITERIA WAS USED BY MAJOR INDUSTRIES INC. TO DESIGN THE SYSTEM(S) INCLUDED IN THIS DRAWING SET.

THIS INFORMATION WAS TAKEN FROM THE JOB SPECIFICATION AND DESIGN CRITERIA LISTED ON THE STRUCTURAL DRAWINGS.

**MAJOR INDUSTRIES RESERVES THE RIGHT TO USE COMPANY STANDARDS FOR ANY INFORMATION THAT HAS NOT BEEN PROVIDED.**

A. PROJECT LOCATION: PORTLAND, OR

B. STRUCTURAL DESIGN IS BASED ON THE FOLLOWING LOADING INFORMATION.

BUILDING CODE AND YEAR: OREGON BUILDING CODE, 2019 EDITION

STRUCTURE TYPE: ☐ OPEN ☐ PARTIALLY ENCLOSED ☒ FULLY ENCLOSED

RISK CATEGORY: ☐ 1 ☐ 2 ☒ 3 ☐ 4  
-OR-  
IMPORTANCE FACTOR: WIND \_\_\_\_ & SNOW \_\_\_\_

DEAD LOAD: 3 PSF LIVE LOAD: 20 PSF

SNOW LOAD: 20 PSF DRIFT LOAD: 0 PSF  
(ROOF) (IF APPLIES)

WIND SPEED: 105 MPH EXPOSURE FACTOR: ☒ B ☐ C ☐ D  
(BASIC)

WIND LOAD: PSF ELEVATION OF CURB / SILL: 28'-0"  
(FROM GRADE)

C. FRAMING MEMBER DEFLECTION IS LIMITED TO L/ 60 OR \_\_\_\_ INCHES NORMAL TO THE PLANE OF THE GLAZING.

D. STRUCTURAL CALCULATIONS, IF REQUIRED BY OUR CUSTOMER, WILL BE COMPLETED ON THE PROJECT AFTER RECEIPT OF APPROVED SHOP DRAWINGS WITH VERIFIED (OR GUARANTEED) SIZES AND ALL REQUIRED DESIGN CRITERIA.

CALEB SALE, PE  
CALEB@STRUCTURE1.COM  
541-850-6300  
250 MAIN ST, KLAMATH  
FALLS, OR 97601

QTY.	COMPANY IN RECEIPT	SUB #	PAGES	DATE	BY
PDF	LACEY GLASS	1	4	05/17/22	MTW
PDF	LACEY GLASS	1	4	06/24/22	CALC

## CUSTOMER APPROVAL

SIZE CONFIRMATION (CHECK ONE)

- ☐ SIZES HELD AS SUBMITTED  
☐ FIELD VERIFIED DIMENSIONS (PER ATTACHED MARK-UPS)

ACCEPTED METHODS OF SIZE VERIFICATION

- OUTSIDE CURB DIMENSIONS (SKYLIGHTS)  
— FRAME OPENING DIMENSIONS (WALL SYSTEMS)

— OTHER (SPECIFY): \_\_\_\_\_

CUSTOMER SIGNATURE: \_\_\_\_\_

PLEASE PRINT NAME: \_\_\_\_\_

COMPANY: \_\_\_\_\_

DATE: \_\_\_\_\_

THE ABOVE SIGNATURE ACKNOWLEDGES THAT THE SIZES HAVE BEEN CONFIRMED AND THE DRAWINGS ARE APPROVED FOR FABRICATION.

DESCRIPTION	DATE	BY	REV

7120 STEWART / ENUE  
WAUSAU, WI 54401  
PO BOX 306  
WAUSAU, WI 54402-0306  
PHONE: (715) 842-4616  
FAX: (715) 848-3336

# MAJOR INDUSTRIES

CUSTOMER  
LACEY GLASS  
360-459-8411  
GENERAL CONTRACTOR  
ZKG CONTRACTORS INC  
503-488-2020  
ARCHITECT  
OH PLANNING & DESIGN ARCHITECTURE  
503-280-8000

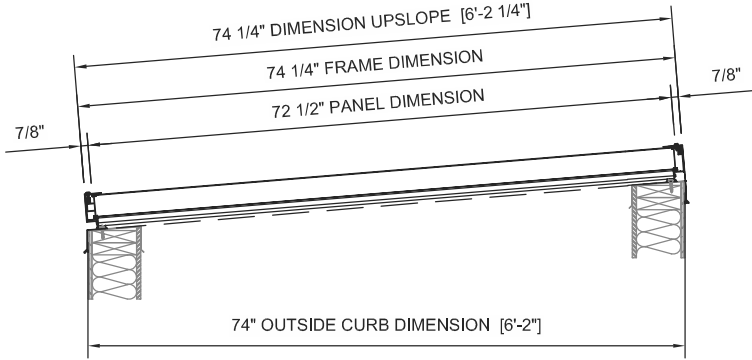
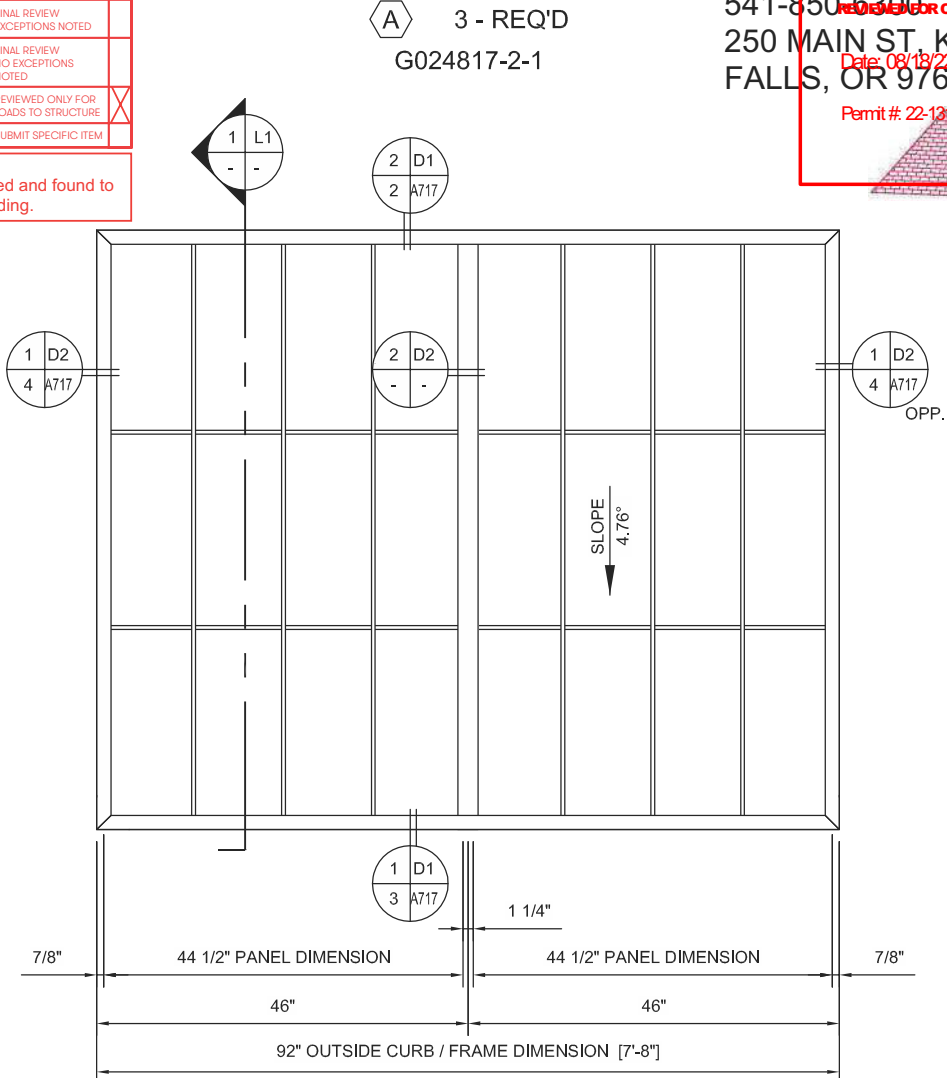
Glencoe Elementary

24817

DRAWN MTW	CHECKED JS
SCALE N/A	DATE 6/23/2022
SHEET	T1

CONTRACTOR IS RESPONSIBLE TO CHECK AND COORDINATE THIS SUBMITTAL WITH THE REQUIREMENTS OF THE WORK AND TO VERIFY ALL QUANTITIES, MATERIALS, FIELD MEASUREMENTS AND FIELD CONSTRUCTION CRITERIA RELATED THERETO. REVIEW IS ONLY FOR CONFORMANCE WITH THE DESIGN CONCEPT OF THE WORK AND COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. NO DEVIATIONS FROM THE CONTRACT DOCUMENTS ARE INCLUDED IN THIS REVIEW UNLESS CALLED TO ATTENTION OF ARCHITECT AND RESPONDED TO IN WRITING BY ARCHITECT.		NOT REVIEWED	
		REJECTED	
		REVISE AND RESUBMIT	
		FINAL REVIEW EXCEPTIONS NOTED	
	DATE: 07/06/2022	FINAL REVIEW NO EXCEPTIONS NOTED	
	BY: Elyssa Adams	REVIEWED ONLY FOR LOADS TO STRUCTURE	
	SUBMITTAL #: 08 45 23-6	SUBMIT SPECIFIC ITEM	

HOLMES:  
The deferred submittal documents have been reviewed and found to be in general conformance with the design of the building.



1 L1  
- - UNIT SECTION  
SCALE: 1/2" = 1'-0"

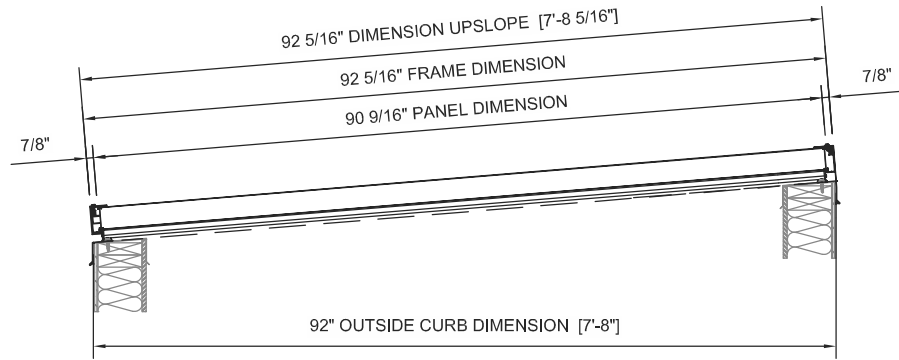
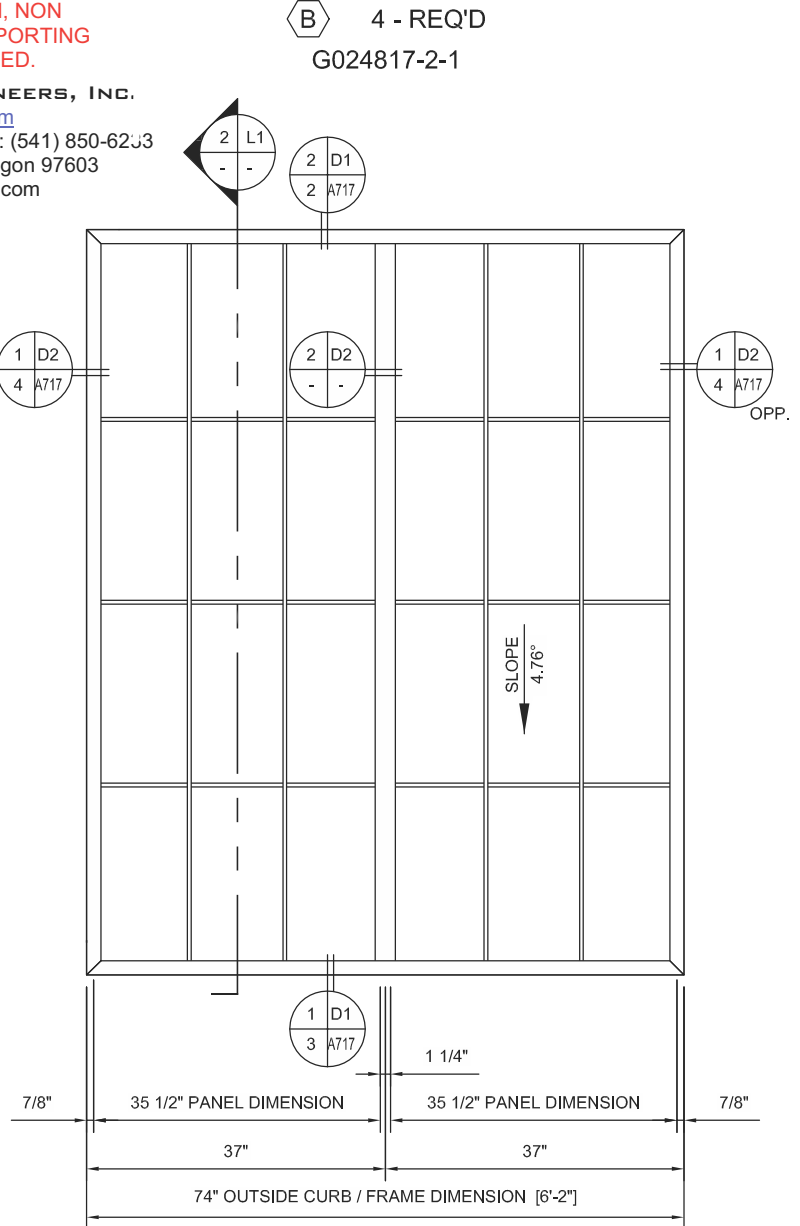
CALEB SALE, PE  
CALEB@STRUCTURE1.COM  
541-850-6300  
250 MAIN ST. KLAMATH FALLS, OR 97601  
Date: 08/18/22  
Permit # 22-121779-DFS-01-FA

PSE CONSULTING ENGINEERS, INC.  
www.Structure1.com  
Phone: (541) 850-6300 Fax: (541) 850-6233  
250 Main Klamath Falls, Oregon 97603  
www.mt2@structure1.com



EXPIRES: 06/30/2024

CLS ENGINEERING 222-017



2 L1  
- - UNIT SECTION  
SCALE: 1/2" = 1'-0"

Contractor to field verify all dimensions.  
-OHPD

7120 STEWART AVENUE WAUSAU, WI 54401 PO BOX 306 WAUSAU, WI 54402-0306 PHONE: (715) 842-4616 FAX: (715) 848-3336	
<b>MAJOR INDUSTRIES</b>	
CUSTOMER: LACEY GLASS 360-459-8411 GENERAL CONTRACTOR: 2KG CONTRACTORS INC 503-489-2020 ARCHITECT: OH PLANNING & DESIGN ARCHITECTURE 503-280-8000	
Glencoe Elementary	
24817	
DRAWN: MTW	CHECKED: JS
SCALE: 1/2" = 1'-0"	DATE: 6/23/2022
SHEET: L1	



NOT REVIEWED	
REJECTED	
REVISE AND RESUBMIT	
FINAL REVIEW EXCEPTIONS NOTED	
FINAL REVIEW NO EXCEPTIONS NOTED	
REVIEWED ONLY FOR LOADS TO STRUCTURE	X
SUBMIT SPECIFIC ITEM	



DATE: 07/06/2022  
BY: Elyssa Adams  
Holmes Structures  
SUBMITTAL #: 08 45 23-6

**HOLMES:**  
The deferred submittal documents have been reviewed and found to be in general conformance with the design of the building.

City Of Portland  
REVIEWED FOR CODE COMPLIANCE  
Date: 08/18/22  
Permit #: 22-131779-DFS-01-FA



EXPIRES: 06/30/2024

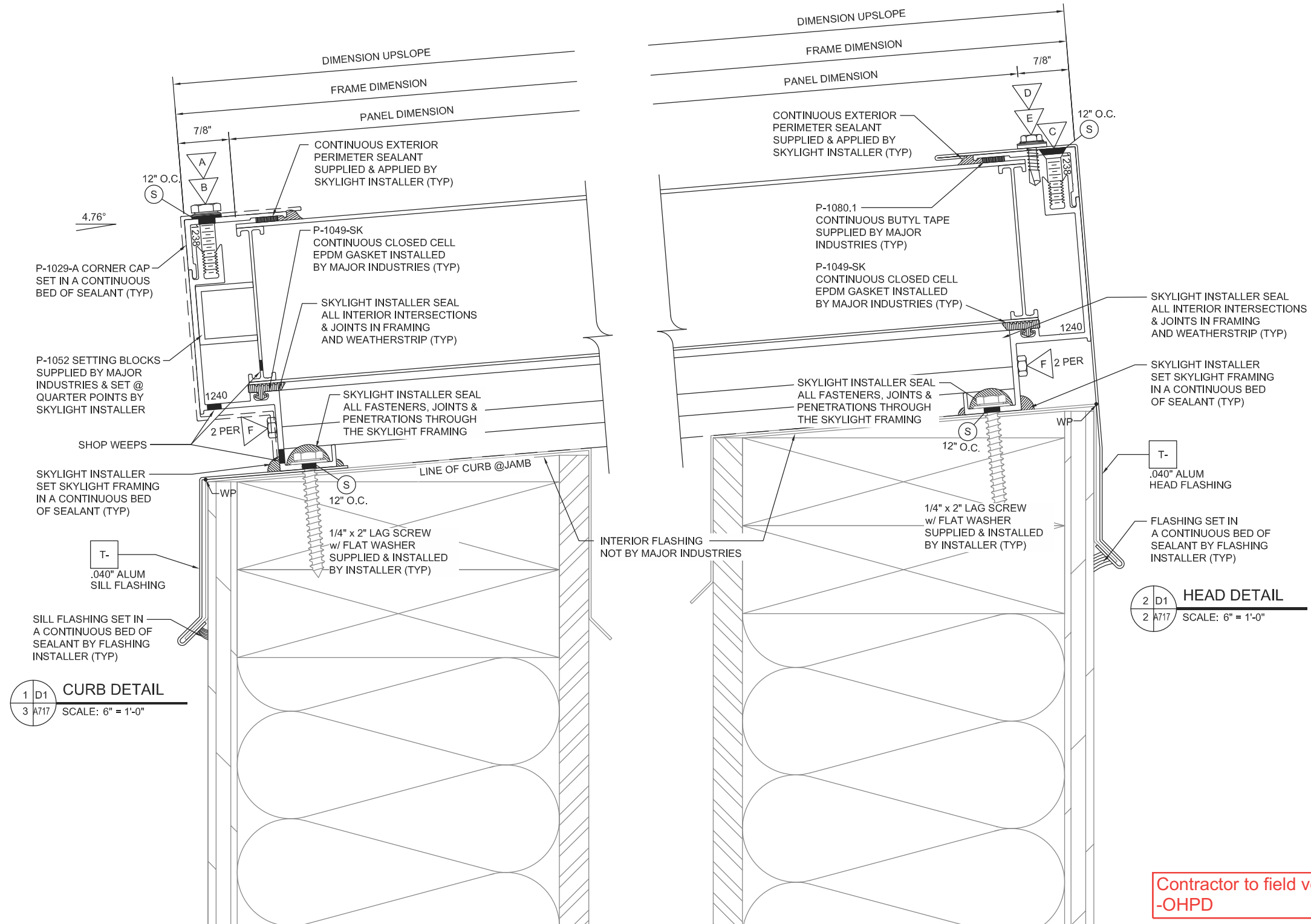
CALEB SALE, PE  
CALEB@STRUCTURE1.COM  
541-850-6300  
250 MAIN ST, KLAMATH  
FALLS, OR 97601



STRUCTURAL MEMBERS OF THIS  
SKYLIGHT SYSTEM ONLY INCLUDED  
IN THIS REVIEW/DESIGN, NON  
STRUCTURAL AND SUPPORTING  
ELEMENTS NOT INCULDED.

**PSE CONSULTING ENGINEERS, INC.**  
[www.Structure1.com](http://www.Structure1.com)  
 Phone: (541) 850-6300 Fax: (541) 850-6233  
 250 Main Klamath Falls, Oregon 97603  
[www.mt2@structure1.com](mailto:www.mt2@structure1.com)

CLS ENGINEERING 222-017



Contractor to field verify all dimensions.  
-OHPD

5	1	
6	1	
7	1	
8	1	
9	1	
10	1	
11	1	
12	1	
13	1	
14	1	
15	1	
16	1	
17	1	
18	1	
19	1	
20	1	
21	1	
22	1	
23	1	
24	1	
25	1	
26	1	
27	1	
28	1	
29	1	
30	1	
31	1	
32	1	
33	1	
34	1	
35	1	
36	1	
37	1	
38	1	
39	1	
40	1	
41	1	
42	1	
43	1	
44	1	
45	1	
46	1	
47	1	
48	1	
49	1	
50	1	
51	1	
52	1	
53	1	
54	1	
55	1	
56	1	
57	1	
58	1	
59	1	
60	1	
61	1	
62	1	
63	1	
64	1	
65	1	
66	1	
67	1	
68	1	
69	1	
70	1	
71	1	
72	1	
73	1	
74	1	
75	1	
76	1	
77	1	
78	1	
79	1	
80	1	
81	1	
82	1	
83	1	
84	1	
85	1	
86	1	
87	1	
88	1	
89	1	
90	1	
91	1	
92	1	
93	1	
94	1	
95	1	
96	1	
97	1	
98	1	
99	1	
100	1	

7120 STEWART AVENUE  
WAUSAU, WI 54401  
PO BOX 306  
WAUSAU, WI 54402-0306  
PHONE: (715) 842-4616  
FAX: (715) 848-3336

# MAJOR INDUSTRIES

LACEY GLASS  
360-459-8411  
GENERAL CONTRACTOR  
2KG CONTRACTORS INC  
503-489-2020  
ARCHITECT  
OH PLANNING & DESIGN ARCHITECTURE  
503-280-8000

lencoe Elementary

24817

DRAWN MTW	CHECKED JS
--------------	---------------

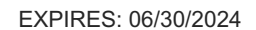
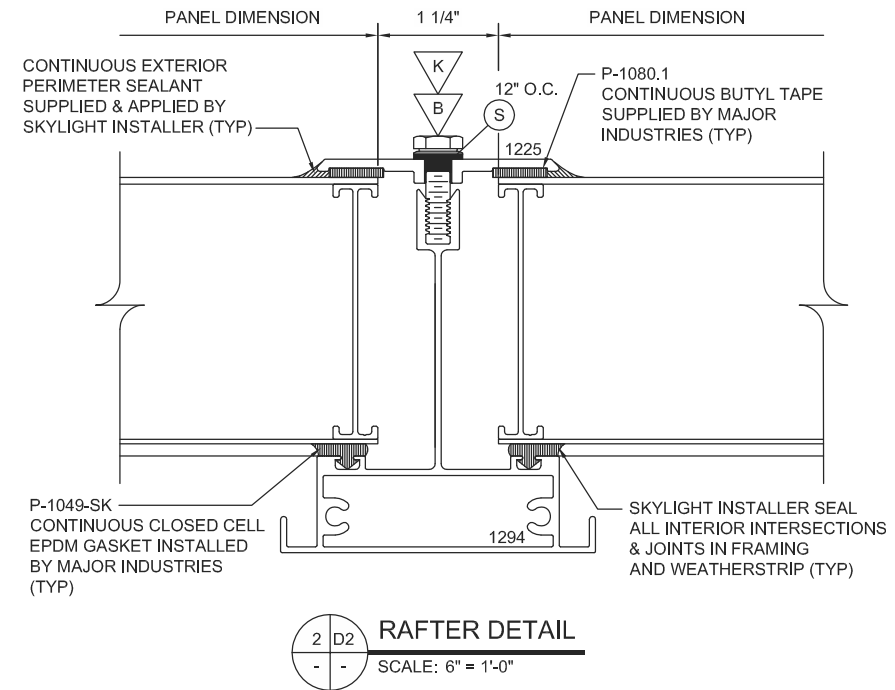
SCALE 6" = 1'-0"	DATE 6/23/2022
---------------------	-------------------

HEET D1

NOT REVIEWED	
REJECTED	
REVISE AND RESUBMIT	
FINAL REVIEW EXCEPTIONS NOTED	
FINAL REVIEW NO EXCEPTIONS NOTED	
REVIEWED ONLY FOR LOADS TO STRUCTURE	X
SUBMIT SPECIFIC ITEM	



**City Of Portland**  
**REVIEWED FOR CODE COMPLIANCE**  
Date: 08/18/22  
Permit #: 22-131779-DFS-01-FA



STRUCTURAL MEMBERS OF THIS SKYLIGHT SYSTEM ONLY INCLUDED IN THIS REVIEW/DESIGN, NON STRUCTURAL AND SUPPORTING ELEMENTS NOT INCULDED.

**PSE CONSULTING ENGINEERS, INC.**  
[www.Structure1.com](http://www.Structure1.com)  
 Phone: (541) 850-6300 Fax: (541) 850-6233  
 250 Main Klamath Falls, Oregon 97603  
[www.mt2@structure1.com](mailto:www.mt2@structure1.com)

Three pink pyramids of decreasing size are arranged in a row, receding into the distance. They are drawn with a grid pattern on their faces.

REV	BY	DATE	DESCRIPTION

7120 STEWART AVENUE  
WAUSAU, WI 54401  
PO BOX 306  
WAUSAU, WI 54402-0306  
PHONE: (715) 842-4616  
FAX: (715) 848-3336

# MAJOR INDUSTRIES

LACEY GLASS  
 360-459-8411  
 GENERAL CONTRACTOR  
 2KG CONTRACTORS INC  
 503-489-2020  
 ARCHITECT  
 OH PLANNING & DESIGN ARCHITECTURE  
 503-280-8000

Glencoe Elementary

24817

RAWN	CHECKED
MTW	JS

SCALE 6" = 1'-0"	DATE 6/23/2022
---------------------	-------------------

HEET D2

D2