



PROJECT NUMBER:

PROJECT NAME: ELECTROIMPACT R1

PROJECT LOCATION:


CUSTOMER: T&E INTERNATIONAL

APPROVAL DRAWINGS

THESE DRAWINGS ARE FOR CONFIRMATION USE ONLY. PRODUCTION HAS BEEN SCHEDULED. YOUR PRICE IS PROTECTED BASED ON THE MUST SHIP DATE LISTED ON THE ORDER CONTRACT. PLEASE RETURN THE CONFIRMED DRAWINGS NO LATER THAN_____ SO WE CAN MAINTAIN CURRENT COMMITTED DELIVERY SCHEDULE. FAILURE TO RETURN THE DRAWINGS BY THE DATE SHOW ABOVE MY VOID SCHEDULE COMMITMENTS AND POSSIBLY RESULT IN AN INCREASE IN PRICE BASED ON THE MUST SHIP BY DATE.

CUSTOMERS
SIGNATURE: _____

DATE: _____

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							CUSTOMER:			
									561 STRANDER BLVD TUKWILA, WA 98188	
									PHONE: 877-300-3794 FAX: 425-905-7272	

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GENERAL NOTES:

GENERAL DESCRIPTION OF R-SEAL PANEL
RIGID CLOSED CELL POLYURETHANE FOAM CORE AIR/VAPOR BARRIER PANEL
APPLICATION:

- 1.1 R-SEAL PANEL APPLICATION:
- | | |
|--|---------------------------------------|
| <input checked="" type="checkbox"/> PRE-MANUFACTURED STEEL | <input type="checkbox"/> ROOF DECK |
| <input type="checkbox"/> CONCRETE TILT-UP | <input type="checkbox"/> COLD STORAGE |
| <input type="checkbox"/> RETROFIT | |

- 1.2 R-SEAL PANEL THICKNESS TO BE:
- | | |
|--|---|
| <input checked="" type="checkbox"/> WALLS 2" | <input checked="" type="checkbox"/> ROOF 3" |
| <input type="checkbox"/> OTHER | <input type="checkbox"/> OTHER |

- 1.3 R-SEAL PANEL WITH EDGE PROFILE OF:
- WALLS:
- | | |
|--|----------------------------------|
| <input checked="" type="checkbox"/> BUTT JOINT | <input type="checkbox"/> SHIPLAP |
| <input type="checkbox"/> CUSTOM | |
- ROOF:
- | | |
|-------------------------------------|---|
| <input type="checkbox"/> BUTT JOINT | <input checked="" type="checkbox"/> SHIPLAP |
| <input type="checkbox"/> CUSTOM | |

MATERIALS:

- 2.1 R-SEAL PANEL TO BE SUPPLIED WITH:
- | | |
|---|--|
| <input checked="" type="checkbox"/> TAPE TAB SYSTEM | <input type="checkbox"/> BUTYL SEALANT |
| <input type="checkbox"/> TRANSITIONAL SUB-FRAMING | <input type="checkbox"/> FASTENERS |
| <input type="checkbox"/> TRIM PACKAGE | <input type="checkbox"/> CUSTOM: |

- 2.2 R-SEAL PANEL FACED WITH:
- | | |
|--|---|
| <input checked="" type="checkbox"/> POLYPROPYLENE/SCRIM (HD) | <input type="checkbox"/> POLYPROPYLENE/SCRIM/KRAFT (LD) |
|--|---|

- 2.3 R-SEAL PANEL FACING WITH FINISHED COLOR OF:
- | | |
|---|----------------------------------|
| <input checked="" type="checkbox"/> WHITE | <input type="checkbox"/> BLACK |
| <input type="checkbox"/> FOIL | <input type="checkbox"/> CUSTOM: |

- 2.4 R-SEAL PANELS TABS SHALL BE FURNISHED WITH:
- | | |
|---|---|
| <input type="checkbox"/> DOUBLE COATED (PSA) TAPE | <input checked="" type="checkbox"/> TRANSFER FILM (PSA) |
| 40(OZ/IN) PEEL ADHESION | 65(OZ/IN) PEEL ADHESION |
| <input type="checkbox"/> BUTYL SEAL TABS | <input type="checkbox"/> CUSTOM |

PERFORMANCE:

3.1 R-SEAL PANEL SHALL HAVE A FLAME SPREAD MAXIMUM OF 25 AND A SMOKE DEVELOPMENT MAXIMUM OF 450 AS TESTED IN ACCORDANCE WITH ASTM E 84.

3.2 R-SEAL PANEL SHALL COMPLY WITH CHAPTER 26 OF THE INTERNATIONAL BUILDING CODE. SEE PATH TO COMPLIANCE FLOW CHART FOR DETAILS OF CODE SECTIONS. R-SEAL PASSES UL 1715 AND NFPA 286 FULL SCALE FIRE TEST.

3.3 R-SEAL PANEL FOAM SHALL HAVE A DENSITY (IN-PLACE) OF 2.1-2.5 POUNDS PER CUBIC FOOT WHEN TESTED IN ACCORDANCE TO ASTM D 623.

3.4 AIR BARRIER MATERIALS AIR PERM NOT TO EXCEED 0.004 CUBIC FEET PER MINUTE PER SQUARE FOOT UNDER A PRESSURE DIFFERENTIAL OF 0.3 W.G (1.57spf or 75Pa) WHEN TESTED IN ACCORDANCE WITH ASTM E 2178.

3.5 R-SEAL PANEL MUST CONTRIBUTE TO RECYCLED CONTENT CREDIT MRc4.1 MRc4.2. RIGID INSULATION SHALL CONTRIBUTE TO 10% POST CONSUMER PRODUCT.

3.6 R-SEAL PANEL SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 25psi (PERPENDICULAR) AND 23psi (PARALLEL) WHEN TESTED IN ACCORDANCE TO ASTM D 1621

3.7 R-SEAL PANEL SHALL HAVE A MINIMUM COMPRESSIVE MODULUS OF 548psi (PERPENDICULAR) AND 582psi (PARELLE) WHEN TESTED IN ACCORDANCE TO ASTM D 1621

3.8 R-SEAL PANEL SHALL HAVE A MAXIMUM WATER VAPOR TRANSMITTANCE OF 0.02 PERM WHEN TESTED IN ACCORDANCE TO ASTM E 96 PROCEDURE A.

3.9 R-SEAL PANEL SHALL HAVE A MAXIMUM WATER ABSORPTION OF 1.8 PERCENT WHEN TESTED IN ACCORDANCE TO ASTM D 2854

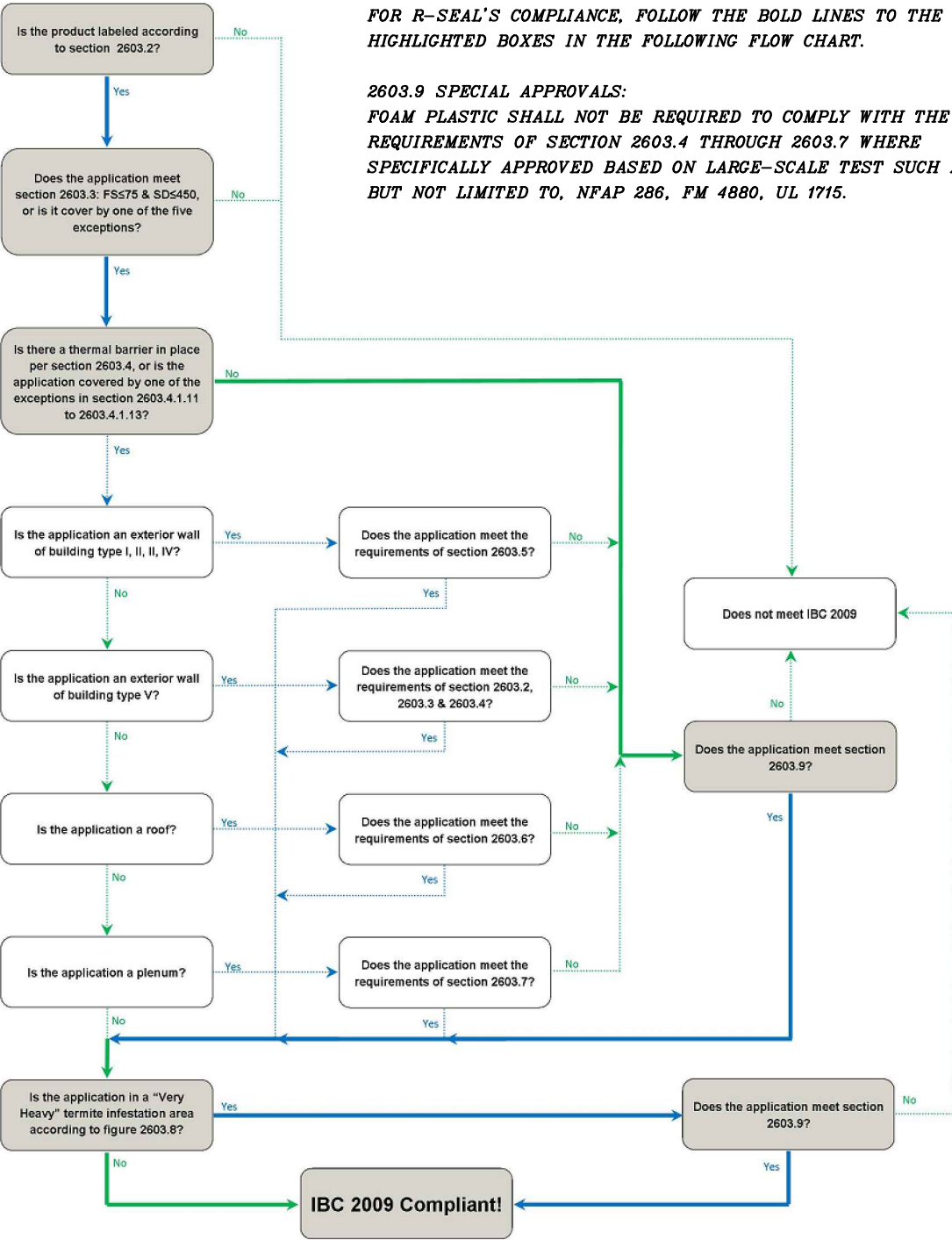
3.10 R-SEAL PANEL SHALL HAVE A MINIMUM SELF-IGNITION TEMPERATURE OF 807 DEGREES FAHRENHEIT AND A FLASH-IGNITION TEMPERATURE OF 833 DEGREES FAHRENHEIT WHEN TESTED IN ACCORDANCE TO ASTM D 1929-91

- 3.11 R-SEAL PANEL (CORE) SHALL HAVE THE FOLLOWING DIMENSIONAL STABILITY(% CHANGE @ 28 DAYS).
- | | |
|--|------|
| a. 100°F @ 100% RH (RELATIVE HUMIDITY) | -3.6 |
| b. 158°F @ 100% RH | 2.3 |
| c. 158°F | -1.1 |
| d. 200°F | -2.5 |
| e. -20°F | -1.8 |

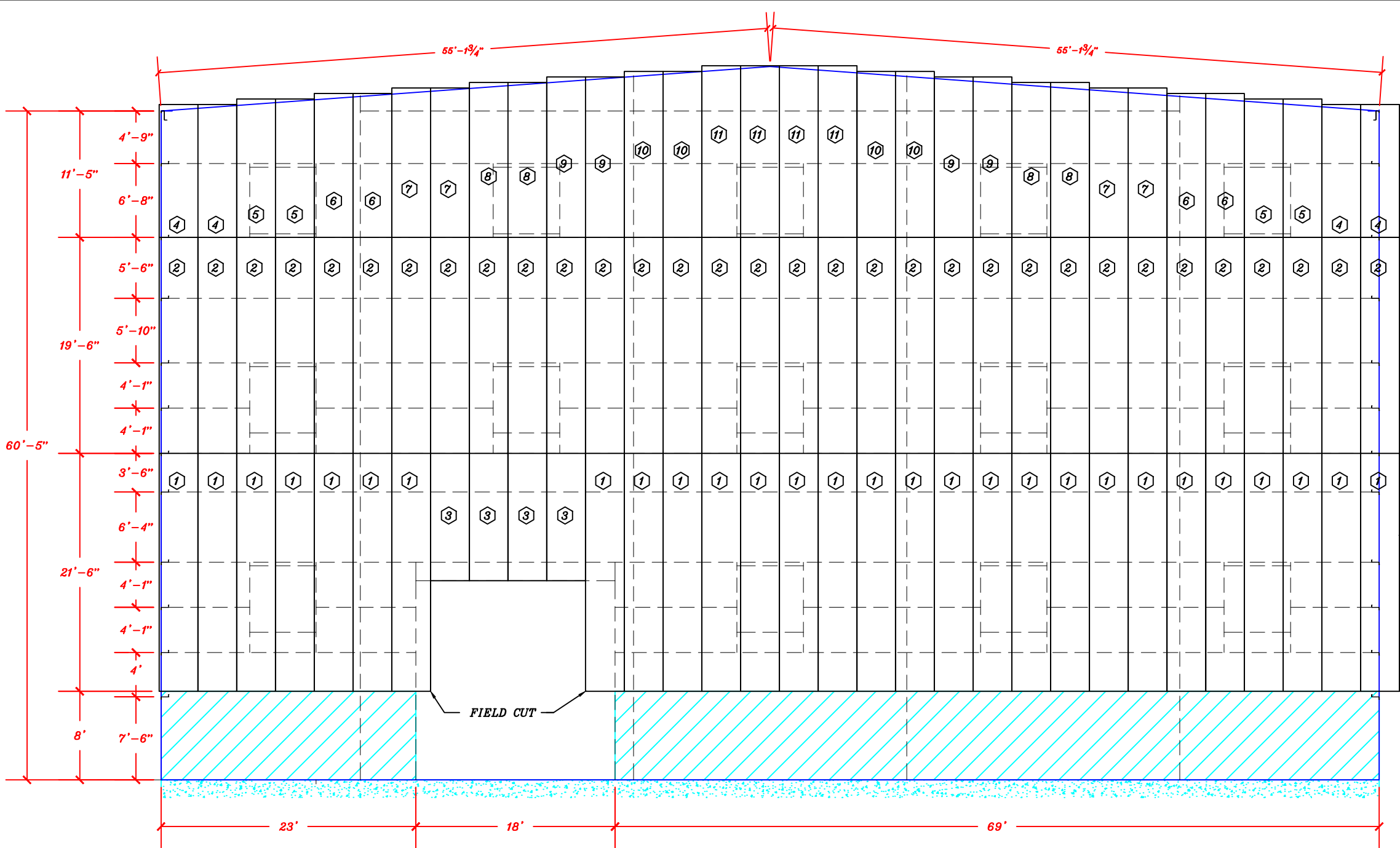
ACCESSORIES:

4.1

R-SEAL'S COMPLIANCE WITH IBC 2009



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ENDWALL PANEL SCHEDULE @ LINE A					
ID:	QTY:	LENGTH	THICKNESS	JOINT TYP:	TABS:
1	28	21'-6"	2"	BUTT	SIDES, TOP
2	32	19'-6"	2"	"	SIDES, TOP, BOTTOM
3	4	11'-6"	2"	"	SIDES, TOP
4	4	12'-0"	2"	"	SIDES, BOTTOM
5	4	12'-6"	2"	"	SIDES, BOTTOM
6	4	13'-0"	2"	"	SIDES, BOTTOM
7	4	13'-6"	2"	"	SIDES, BOTTOM
8	4	14'-0"	2"	"	SIDES, BOTTOM
9	4	14'-6"	2"	"	SIDES, BOTTOM
10	4	15'-0"	2"	"	SIDES, BOTTOM
11	4	15'-6"	2"	"	SIDES, BOTTOM

ENDWALL ELEVATION AT LINE A

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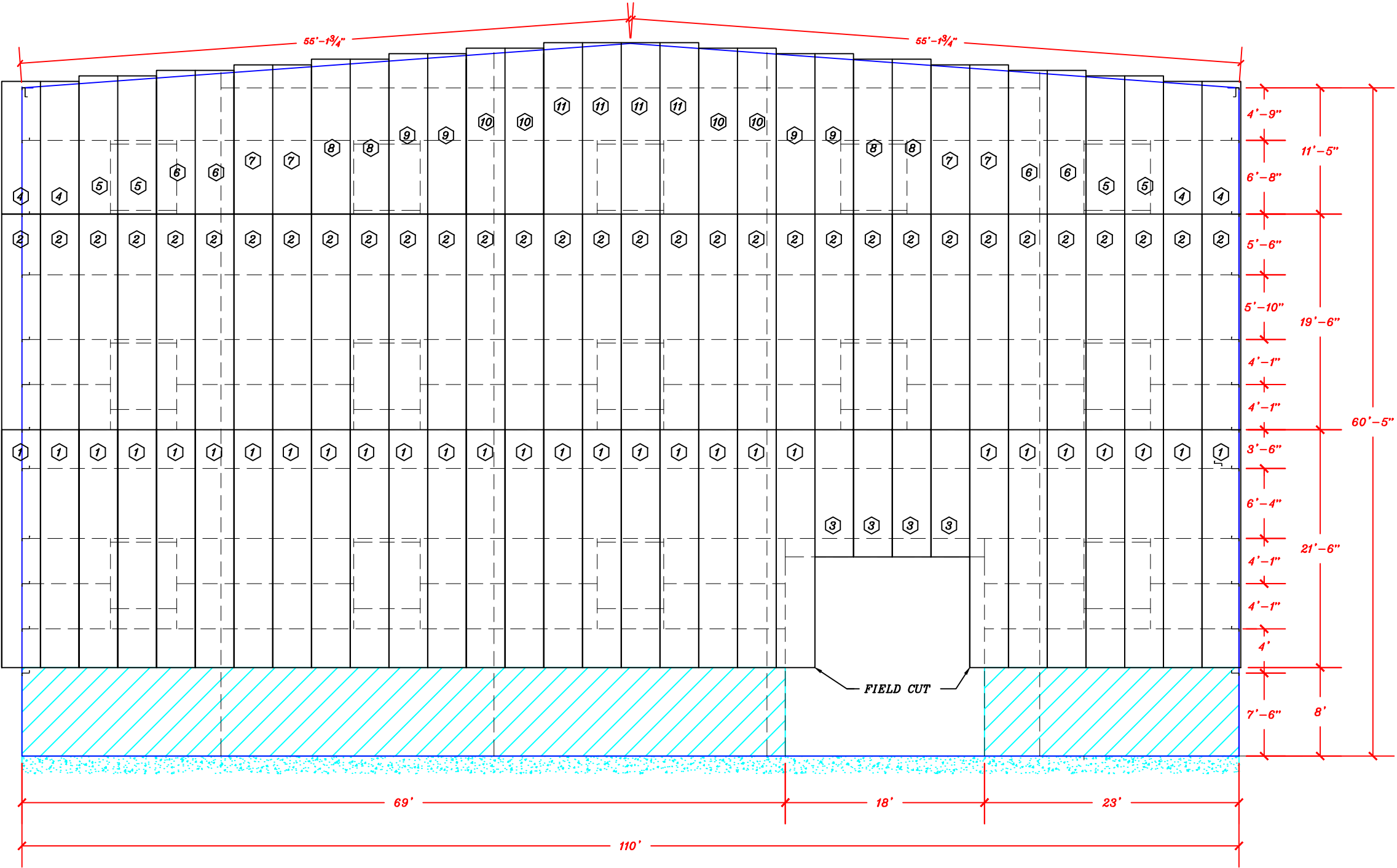


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ENDWALL ELEVATION AT LINE L

ENDWALL PANEL SCHEDULE @ LINE L					
ID:	QTY:	LENGTH	THICKNESS	JOINT TYP:	TABS:
1	28	21'-6"	2"	BUTT	SIDES, TOP
2	32	19'-6"	2"	"	SIDES, TOP, BOTTOM
3	4	11'-6"	2"	"	SIDES, TOP
4	4	12'-0"	2"	"	SIDES, BOTTOM
5	4	12'-6"	2"	"	SIDES, BOTTOM
6	4	13'-0"	2"	"	SIDES, BOTTOM
7	4	13'-6"	2"	"	SIDES, BOTTOM
8	4	14'-0"	2"	"	SIDES, BOTTOM
9	4	14'-6"	2"	"	SIDES, BOTTOM
10	4	15'-0"	2"	"	SIDES, BOTTOM
11	4	15'-6"	2"	"	SIDES, BOTTOM

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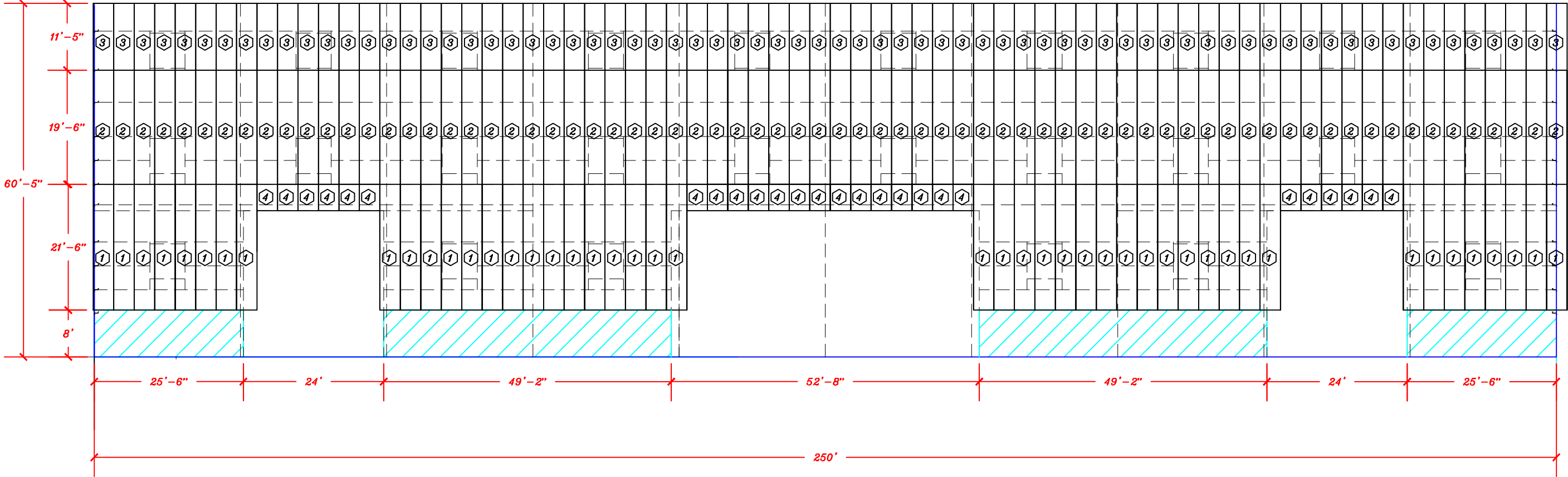
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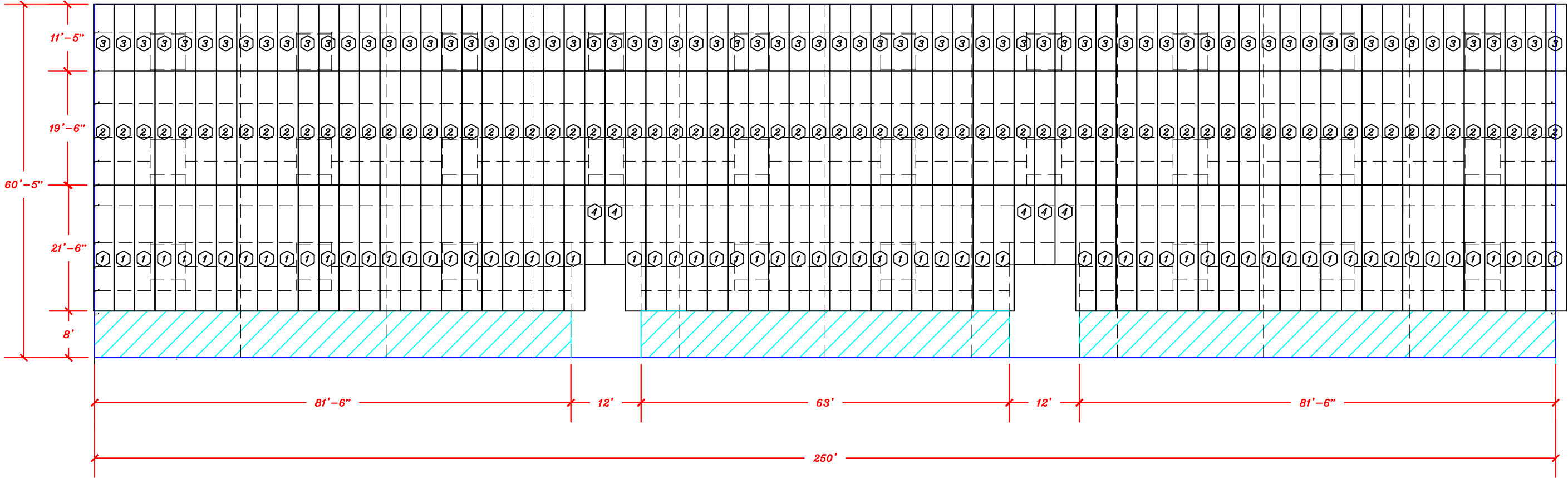
SIDEWALL PANEL SCHEDULE @ LINE 1					
ID:	QTY:	LENGTH	THICKNESS	JOINT TYP:	TABS:
1	46	21'-6"	2"	BUTT	SIDES, TOP
2	72	19'-6"	2"	"	SIDES, TOP, BOTTOM
3	72	11'-5"	2"	"	SIDES, BOTTOM
4	26	4'-6"	2"	"	SIDES, BOTTOM



SIDEWALL ELEVATION AT LINE 1

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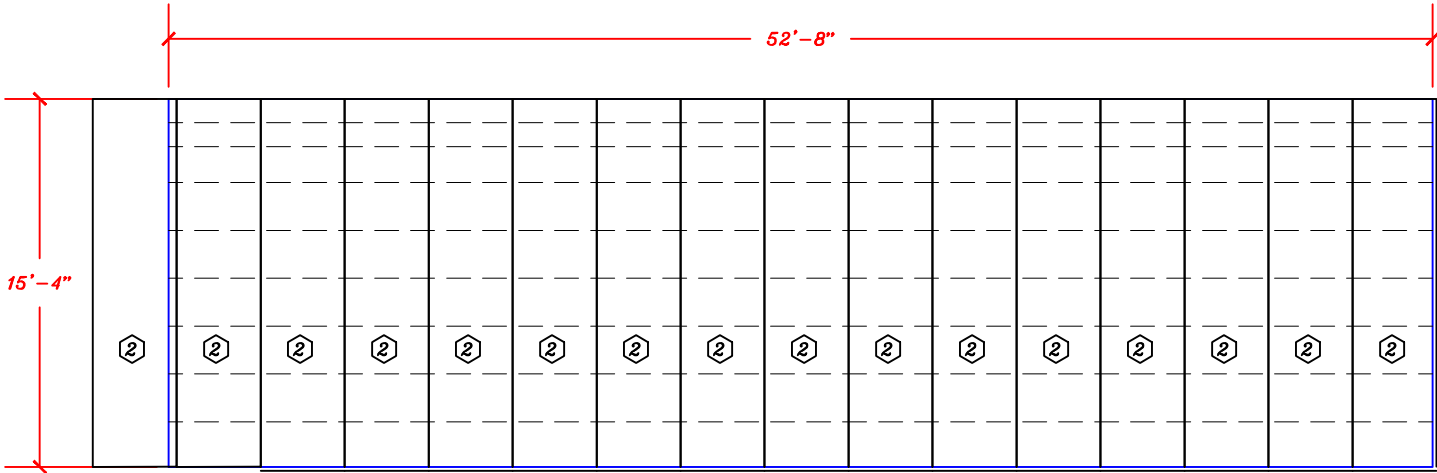
SIDEWALL PANEL SCHEDULE @ LINE 7					
ID:	QTY:	LENGTH	THICKNESS	JOINT TYP:	TABS:
1	67	21'-6"	2"	BUTT	SIDES, TOP
2	72	19'-6"	2"	"	SIDES, TOP, BOTTOM
3	72	11'-5"	2"	"	SIDES, BOTTOM
4	5	13'-6"	2"	"	SIDES, TOP



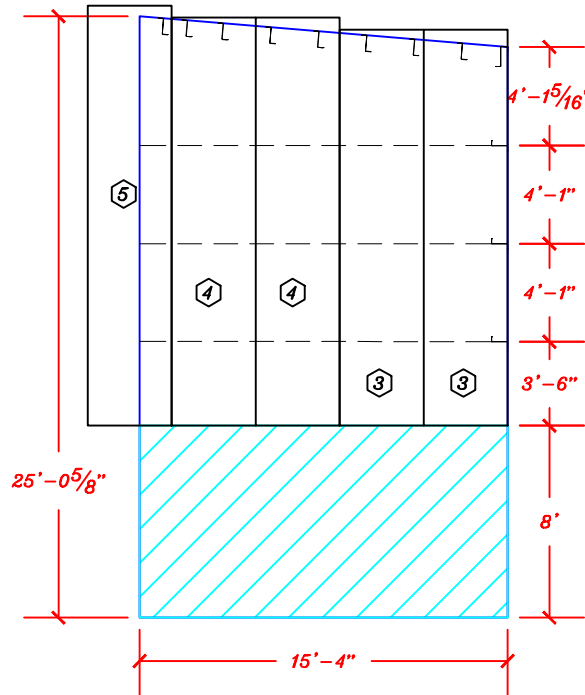
SIDEWALL ELEVATION AT LINE 7

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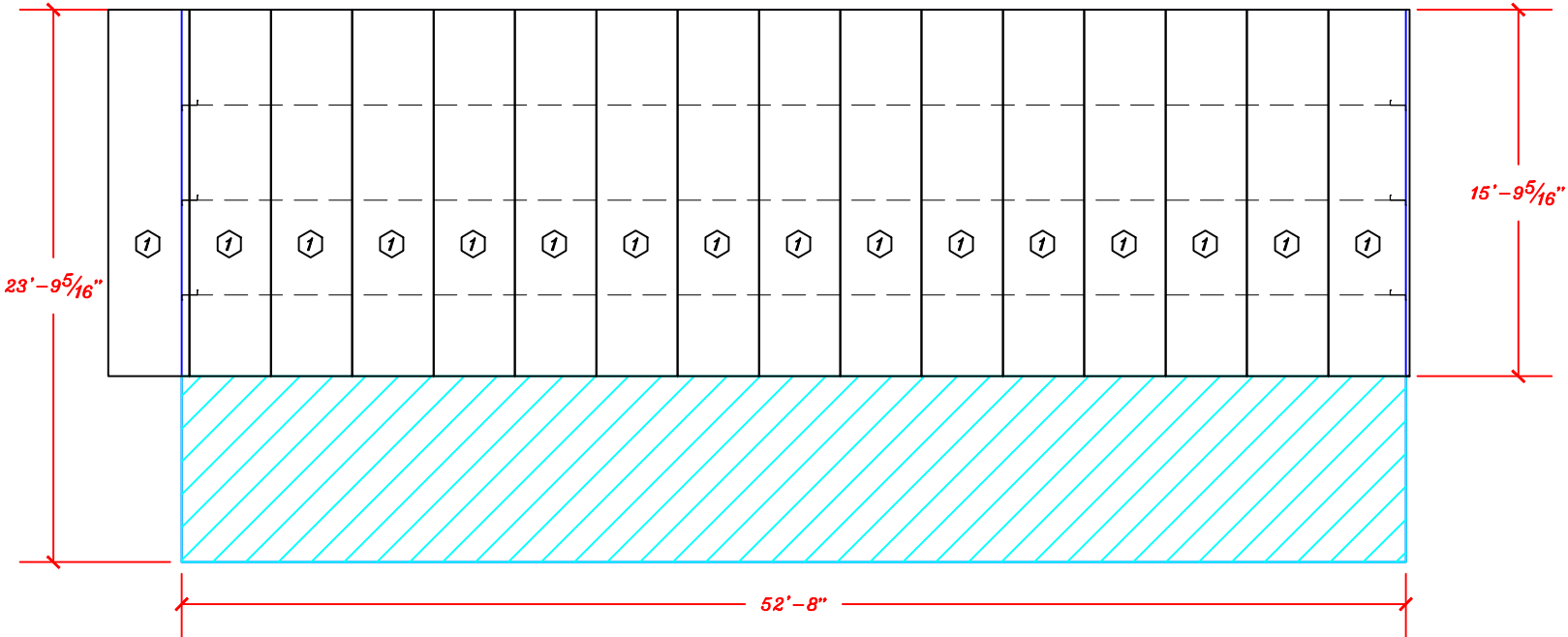
OFFICE PANEL SCHEDULE					
ID:	QTY:	LENGTH	THICKNESS	JOINT TYP:	TABS:
1	16	15'-9 1/4"	2"	BUTT	SIDES
2	16	15'-4 5/8"	2"	"	SIDES, ??
3	4	16'-6"	2"	"	SIDES, BOTTOM
4	4	17'-0"	2"	"	SIDES
5	2	17'-6"	2"	"	SIDES



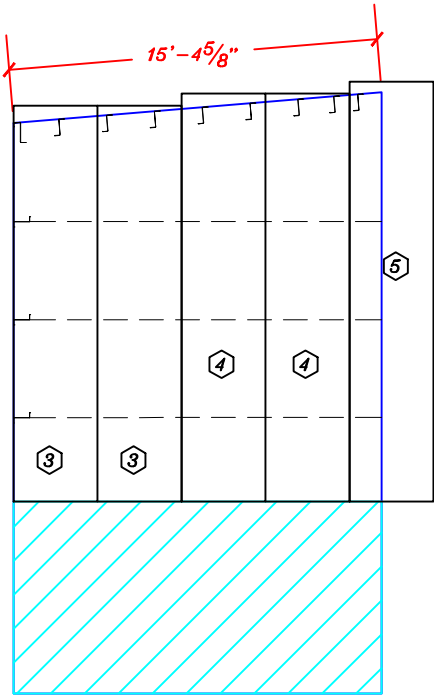
OFFICE ROOF



OFFICE SIDEWALL
AT LINE E

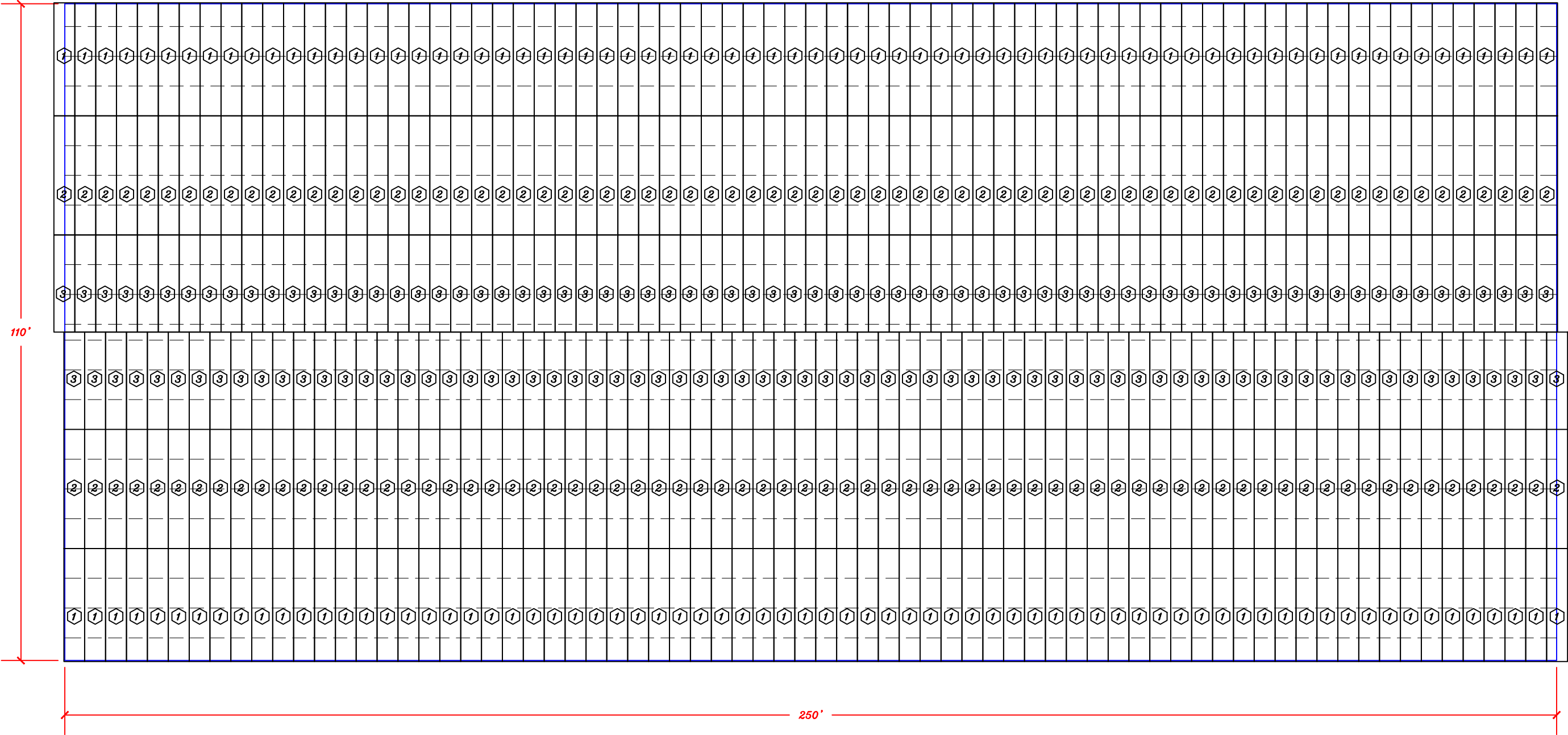


OFFICE SIDEWALL ELEVATION
AT LINE 1



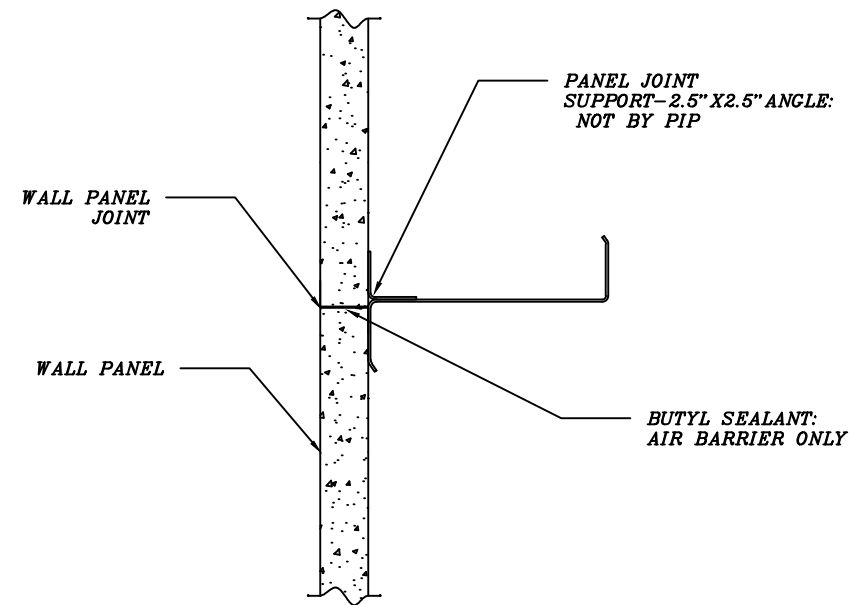
OFFICE SIDEWALL
AT LINE G

ROOF PANEL SCHEDULE					
ID:	QTY:	LENGTH	THICKNESS	JOINT TYP:	TABS:
1	144	18'-11 3/4"	3"	SHIP-LAP	?
2	144	20'-0"	3"	"	SIDES, TOP, BOTTOM
3	144	16'-4"	3"	"	SIDES, BOTTOM

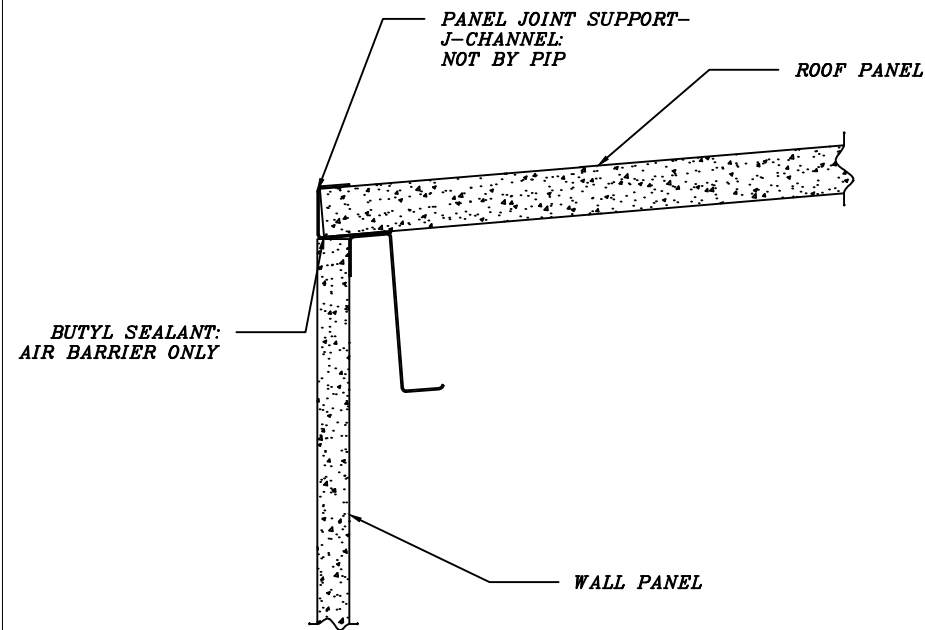


ROOF PANEL PLAN

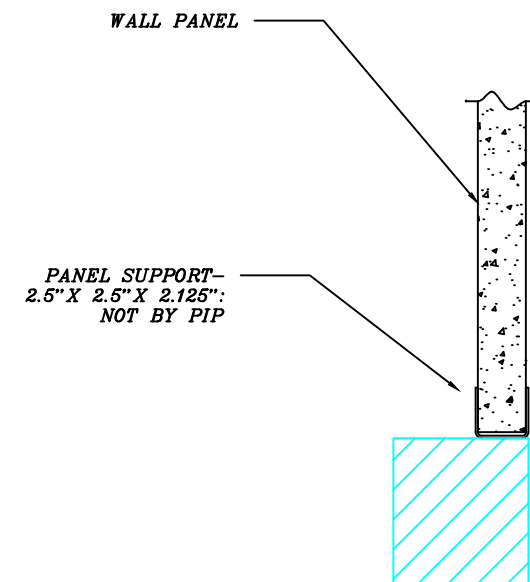
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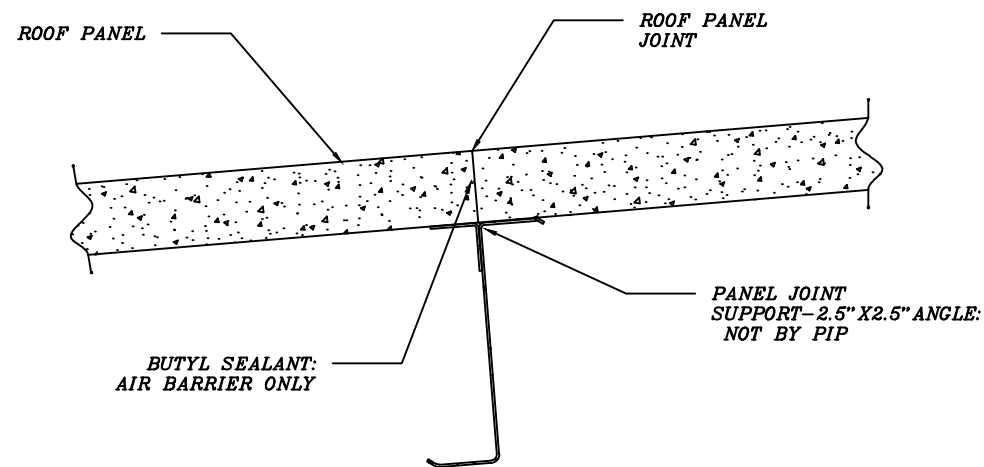
PANEL END LAP: WALL



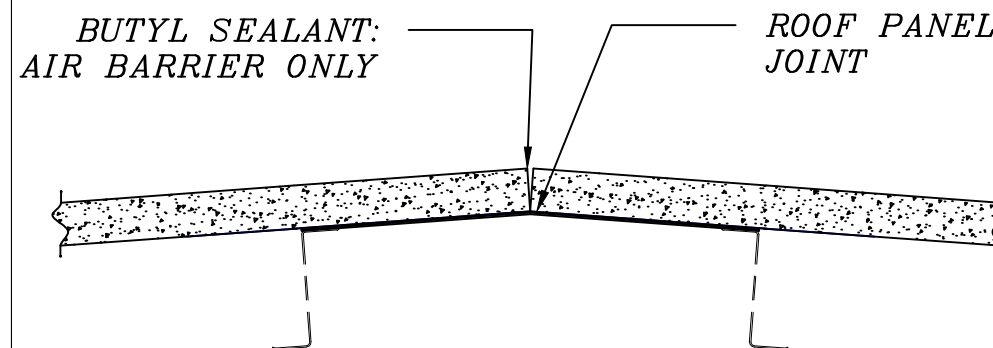
ROOF TO WALL TRANSITION



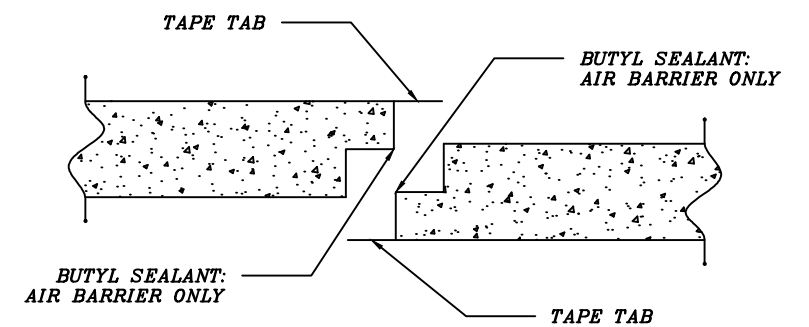
BASE CHANNEL



PANEL END LAP: ROOF



RIDGE DETAIL



PANEL SIDE LAP

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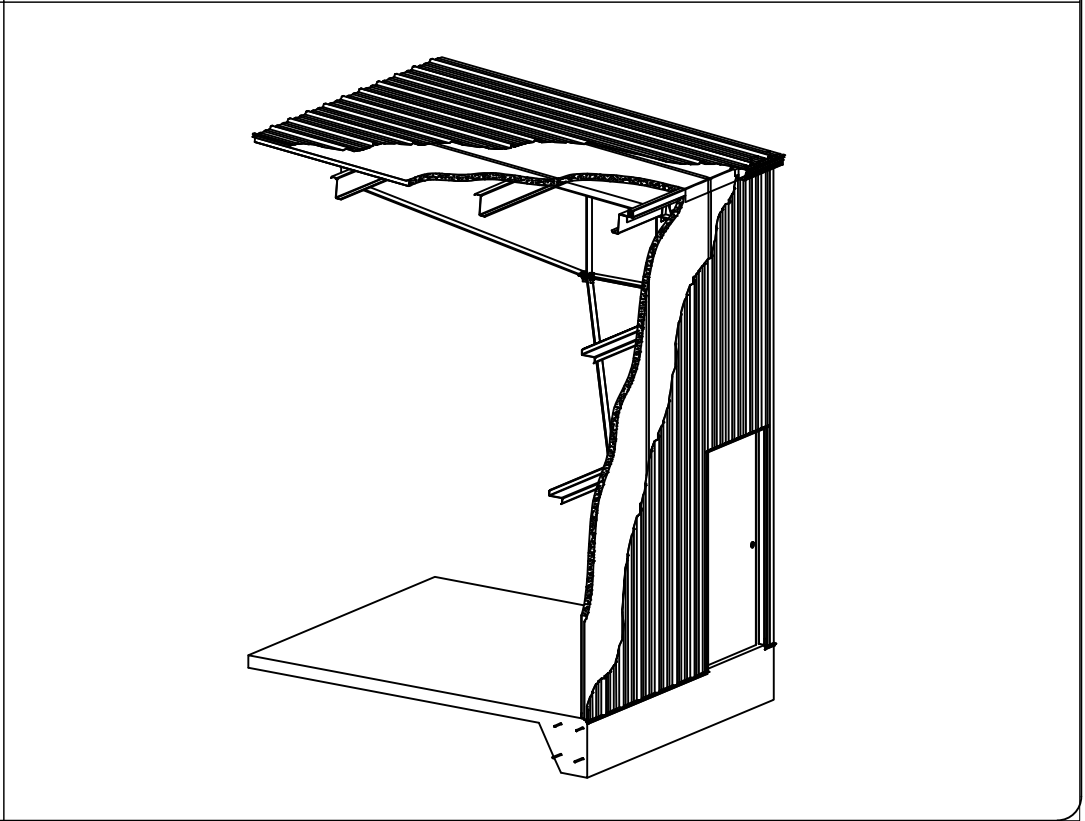
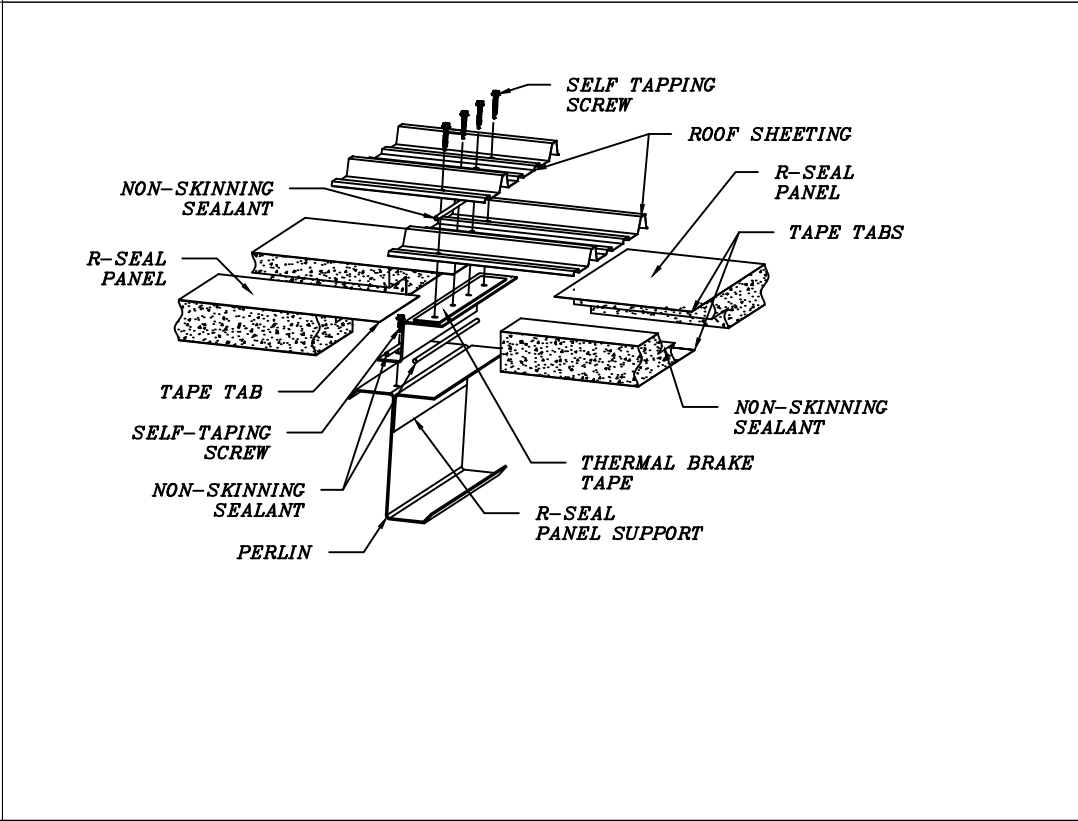
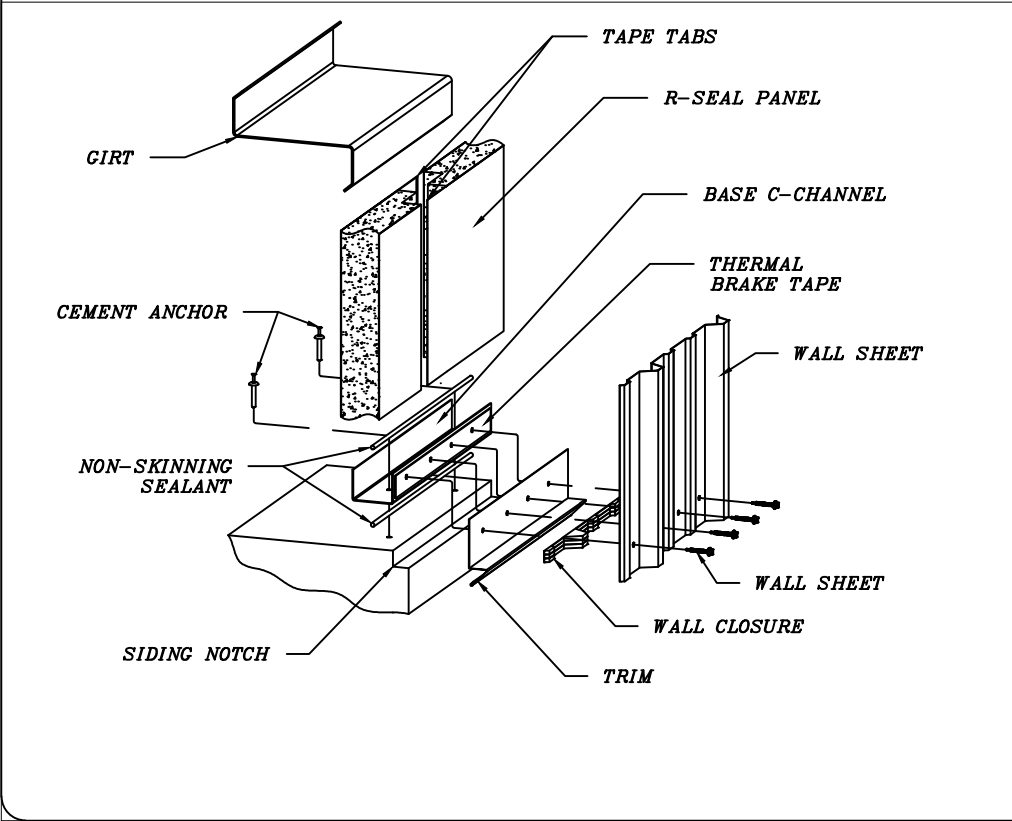
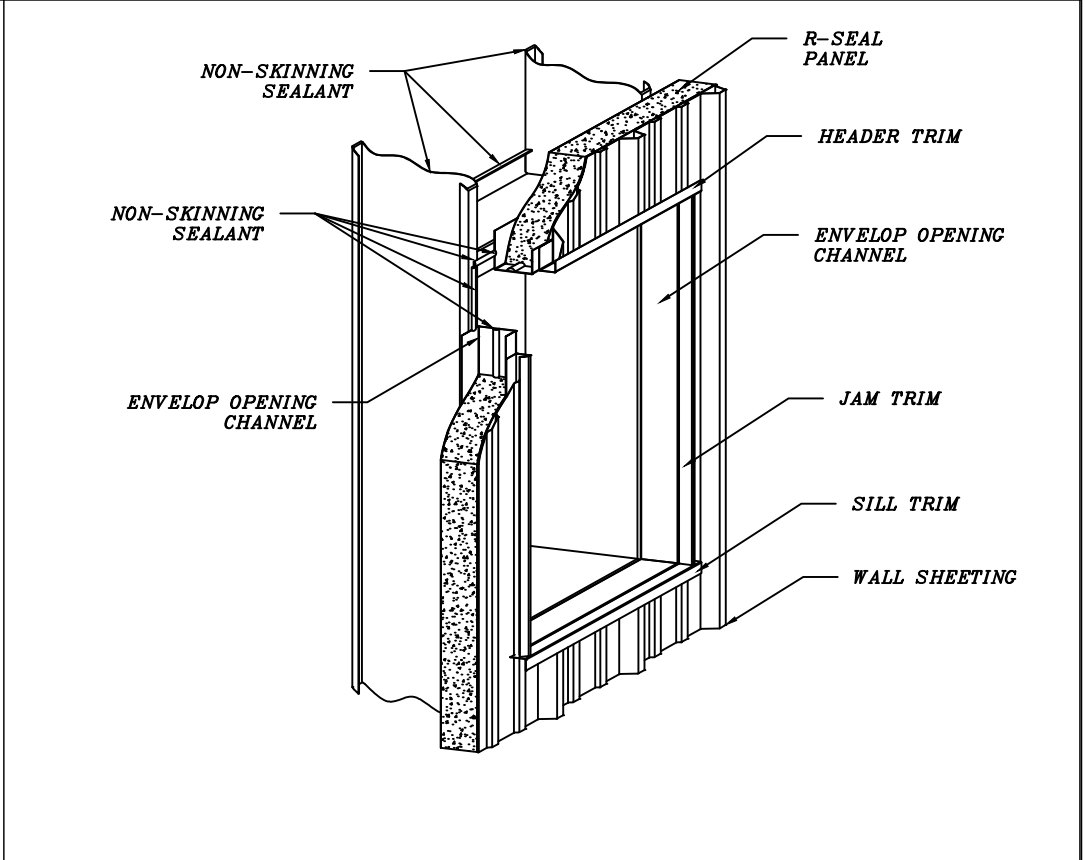
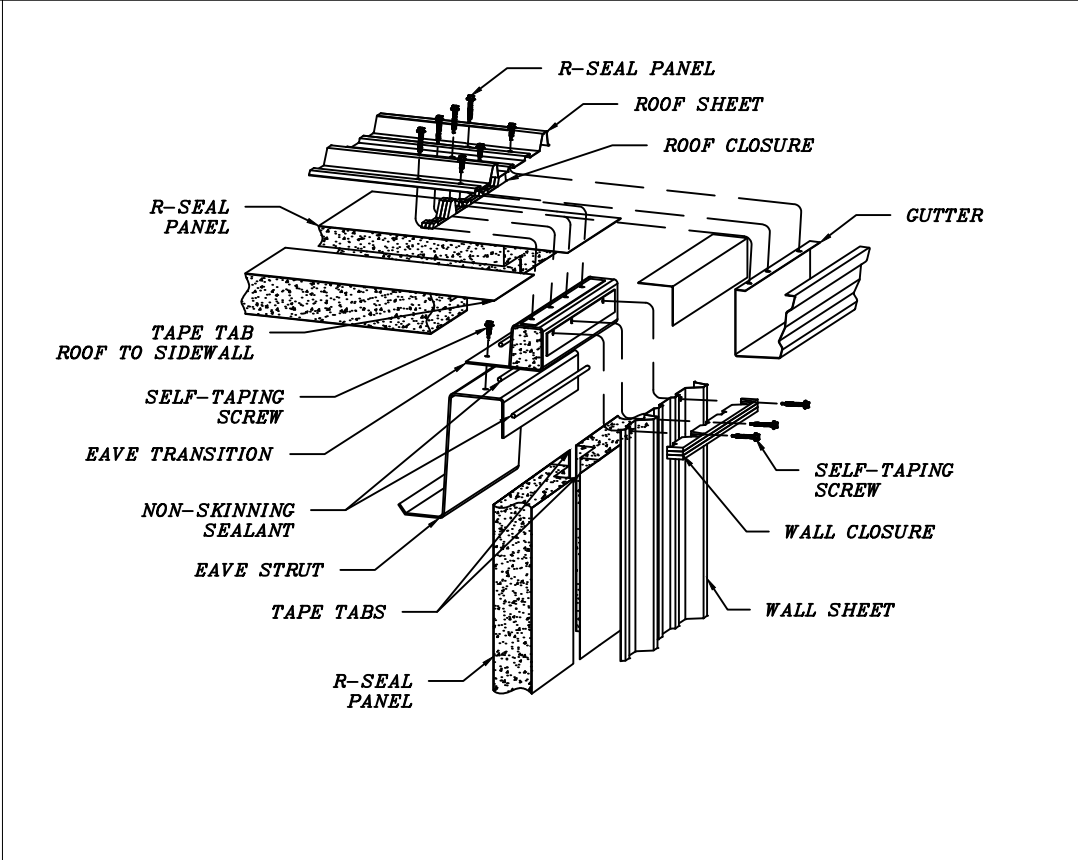
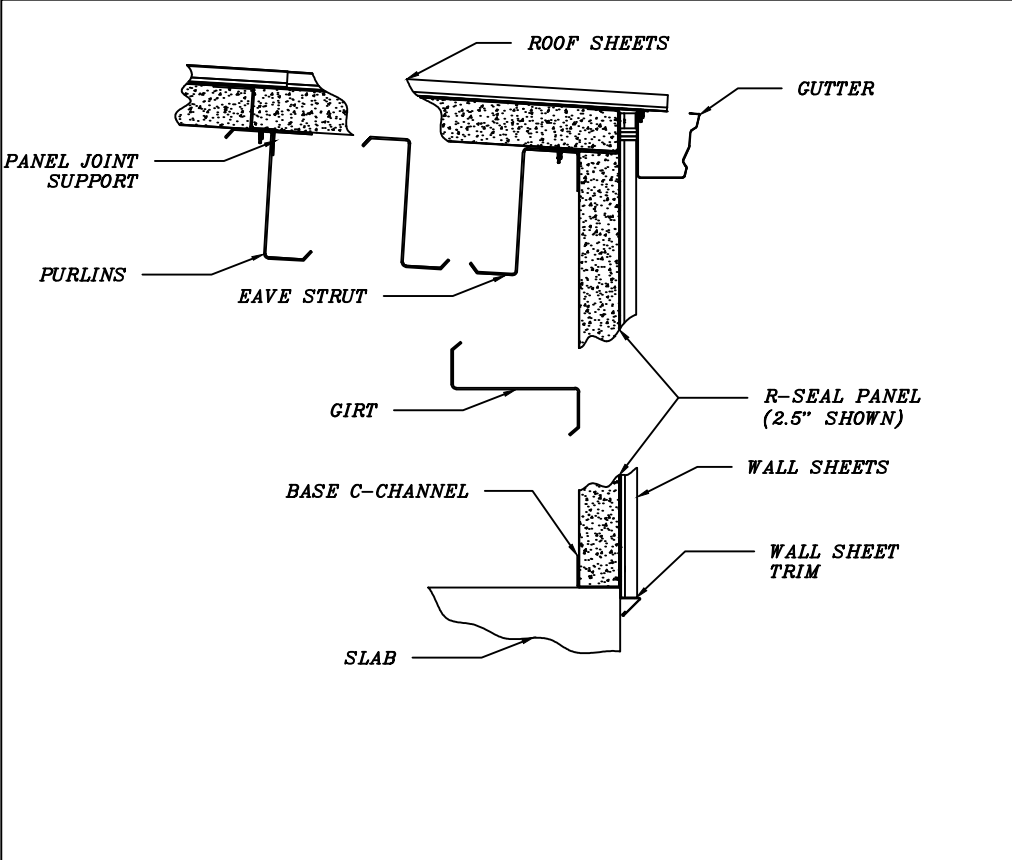
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