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Novatech®

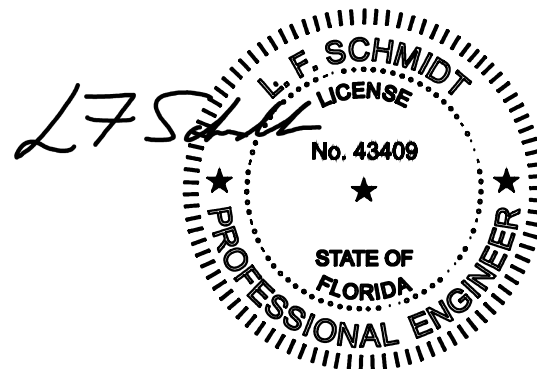
# Injection Molded Frame Hurricane Impact PC/ABS DOORGLASS ASSEMBLY "IMPACT"

## GENERAL NOTES

1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements including the High Velocity Hurricane Zone (HVHZ).
2. When used in the "HVHZ", this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
3. When used in areas outside the "HVHZ" requiring wind borne debris protection, this product complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
4. This product is approved for use as a substitute doorglass assembly in conjunction with a glazed steel or fiberglass side hinged swing door and/or fixed sidelite possessing a comparable current Florida Statewide product approval.
5. The design pressure (DP) rating shall be the lesser of the DP rating shown on Sheet 1 of this approval or the DP rating shown in the glazed steel or fiberglass side hinged swing door or fixed sidelite approval being used.
6. The door panel and lite opening size shall not exceed the sizes shown in this approval or the glazed steel or fiberglass side hinged swing door or fixed sidelite approval being used.
7. This product meets the water infiltration requirements for the "HVHZ".
8. This product has been tested in the door and/or sidelite panels as specified on Sheet 4 of this approval. Substitution into a similar product may be approved for use by the local Authority Having Jurisdiction. In all cases, the glazed steel or fiberglass door and/or sidelite used must possess a comparable current Florida Statewide product approval.

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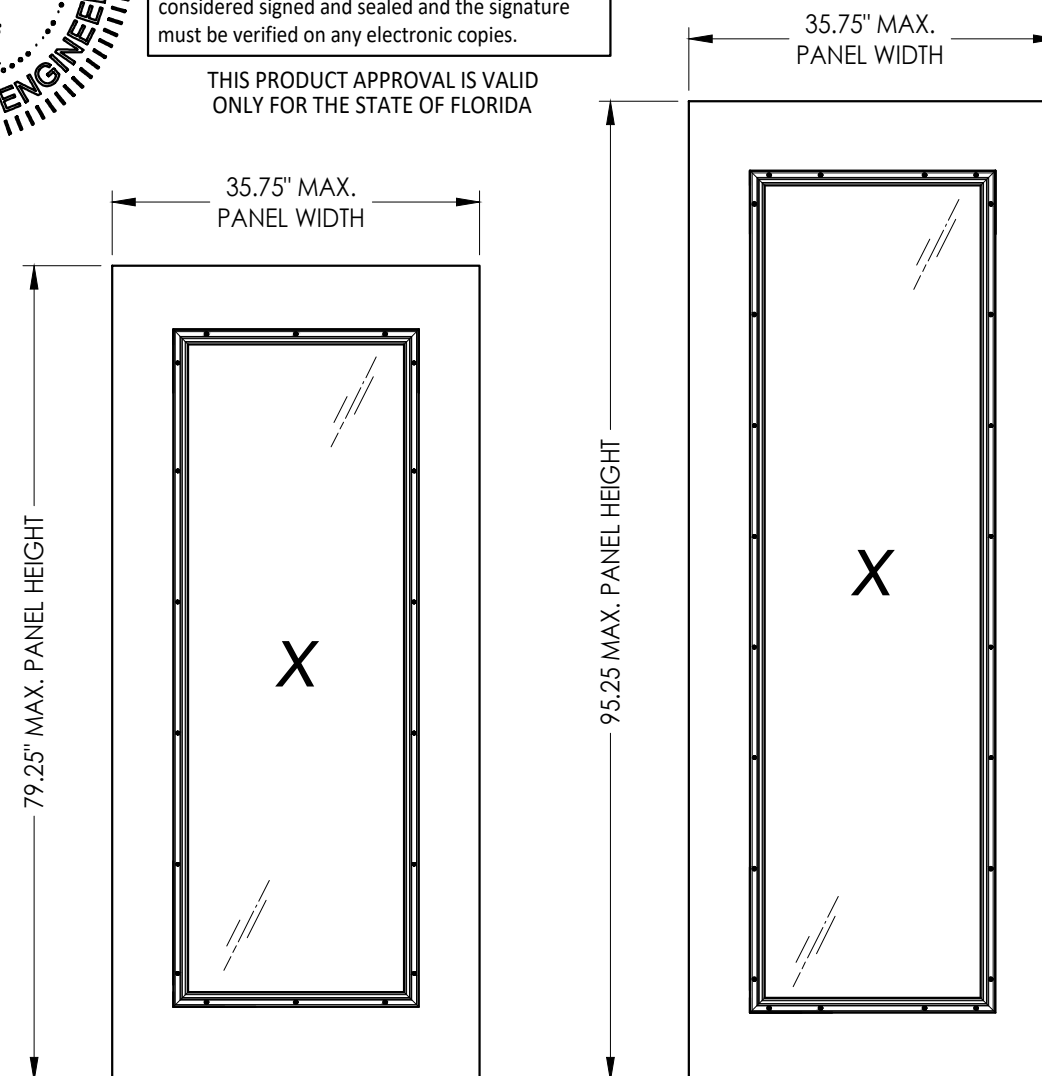
| SHEET # | DESCRIPTION                                          |
|---------|------------------------------------------------------|
| 1       | Typical Elevations, Design Pressures & General Notes |
| 2       | Lite Frame & Glazing Details                         |
| 3       | Fiberglass & Steel Door Panels                       |



Digitally signed by Lyndon F Schmidt  
Date: 2024.08.22 06:49:37 -04'00'

This item has been digitally signed and sealed by  
L. F. Schmidt, P.E. on the date adjacent to the seal.  
Printed copies of this document are not  
considered signed and sealed and the signature  
must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID  
ONLY FOR THE STATE OF FLORIDA



SWING DOOR OR SIDELITE SYSTEM  
UNDER SEPARATE APPROVAL

| DOOR TYPE  | MAX.<br>NOMINAL<br>DOOR HEIGHT | DESIGN PRESSURE (PSF) |          |
|------------|--------------------------------|-----------------------|----------|
|            |                                | POSITIVE              | NEGATIVE |
| FIBERGLASS | 6'-8"                          | +65.0                 | -65.0    |
|            | 8'-0"                          | +65.0                 | -65.0    |
| STEEL      | 6'-8"                          | +65.0                 | -65.0    |
|            | 8'-0"                          | +65.0                 | -65.0    |

Documents Prepared By:  
Lyndon F. Schmidt  
P.E. No. 43409

RW BUILDING CONSULTANTS, INC.  
P.O. Box 230, Valrico, FL 33595  
Phone No.: 813.659.9197  
FBPE Registry License No. 9813

PRODUCT:  
NOVATECH ENTRY DOORS  
LITE FRAME SYSTEM

PART OR ASSEMBLY:  
TYPICAL ELEVATIONS, DESIGN  
PRESSURES & GENERAL NOTES

| REV | DATE    | REVISION                     |
|-----|---------|------------------------------|
| 2   | 8/21/24 | REVISE MANUFACTURER NAME     |
| 1   | 7/06/23 | UPDATE TO 8TH ED. (2023) FBC |
| NO. | DATE    | BY                           |

DATE: 12/18/20

SCALE: N.T.S.

DWG. BY: RW

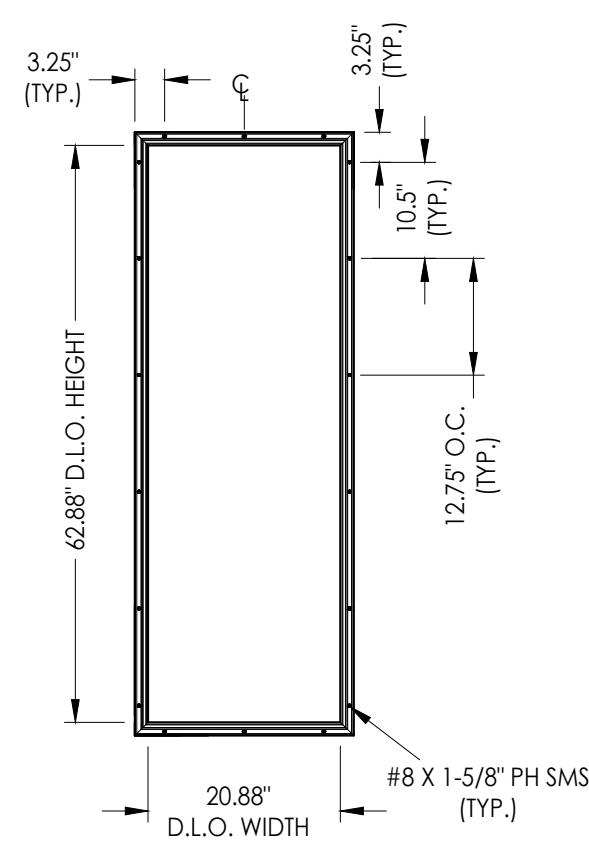
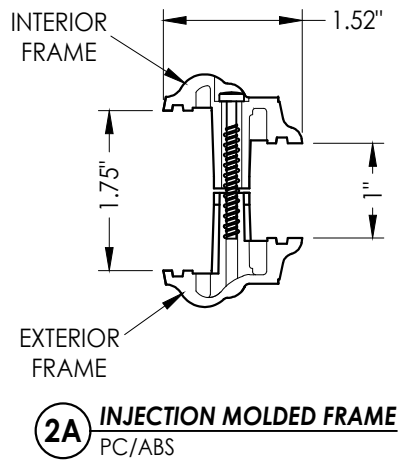
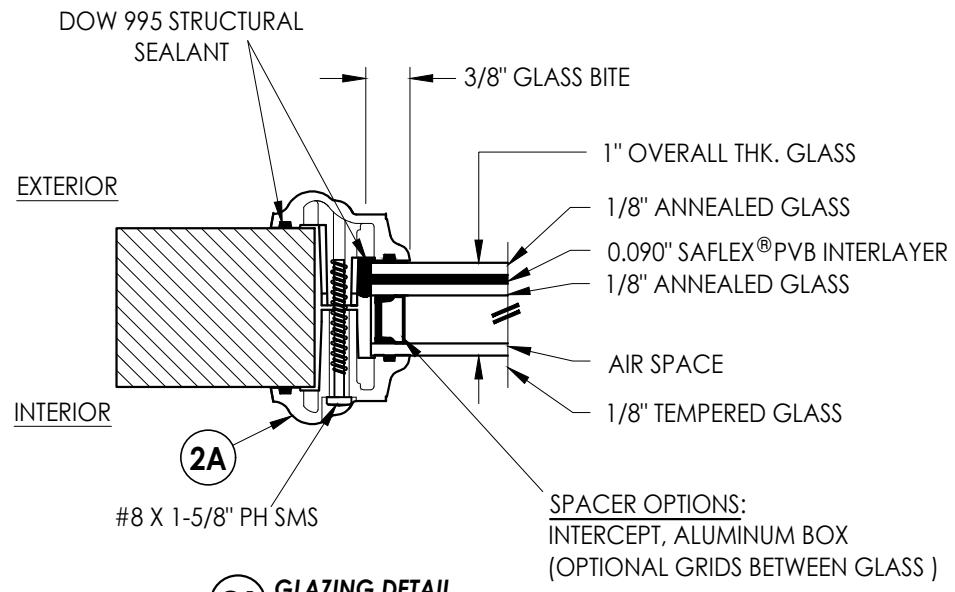
CHK. BY: LFS

DRAWING NO.:

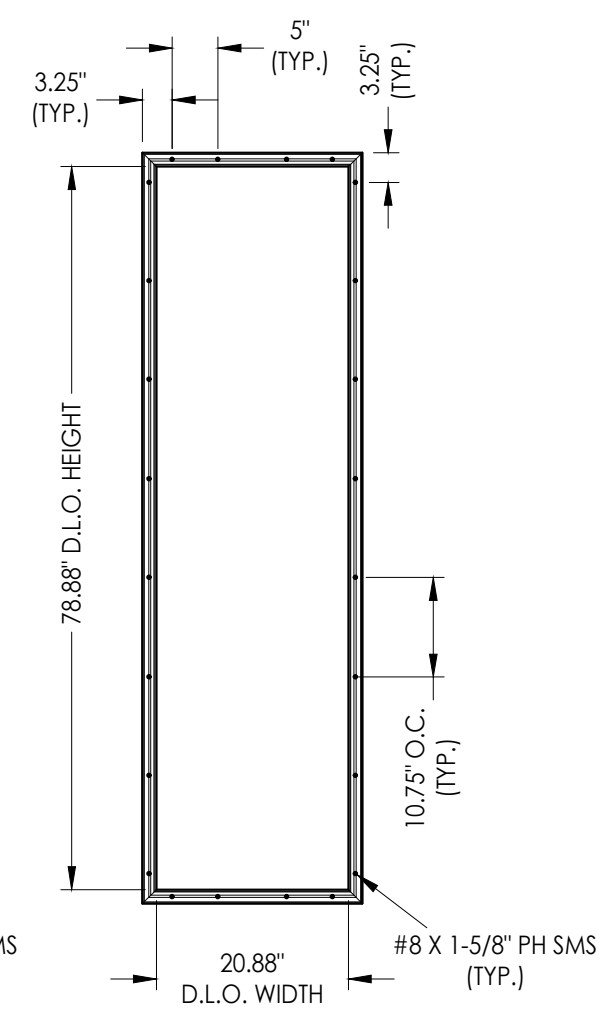
FL-15419.2

SHEET 1 OF 3

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NOVATECH LITE FRAME  
6'-8" DOOR PANEL



NOVATECH LITE FRAME  
8'-0" DOOR PANEL

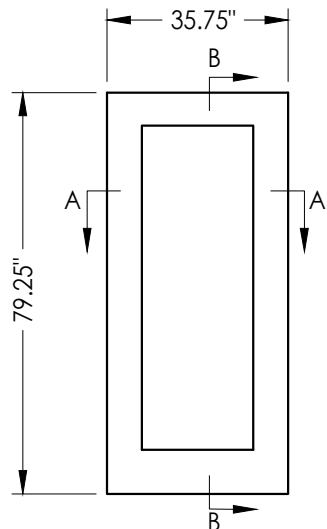
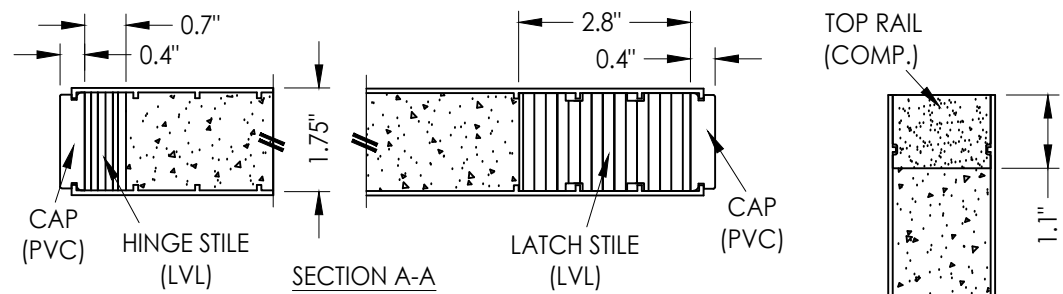
| PRODUCT:                                  |         | PART OR ASSEMBLY:               |           |
|-------------------------------------------|---------|---------------------------------|-----------|
| NOVATECH ENTRY DOORS<br>LITE FRAME SYSTEM |         | LITE FRAME &<br>GLAZING DETAILS |           |
|                                           |         | LFS                             | LFS       |
|                                           |         | FBC                             | BY        |
| 2                                         | 8/21/24 | REVISE MANUFACTURER NAME        | REVISIONS |
| 1                                         | 7/06/23 | UPDATE TO 8TH ED. (2023)        |           |
| NO.                                       | DATE    |                                 |           |

|              |            |
|--------------|------------|
| DATE:        | 12/18/20   |
| SCALE:       | N.T.S.     |
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| CHK. BY:     | LFS        |
| DRAWING NO.: | FL-15419.2 |
| SHEET        | 2 OF 3     |

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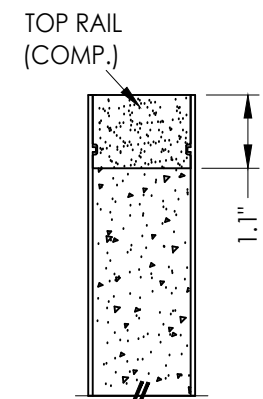
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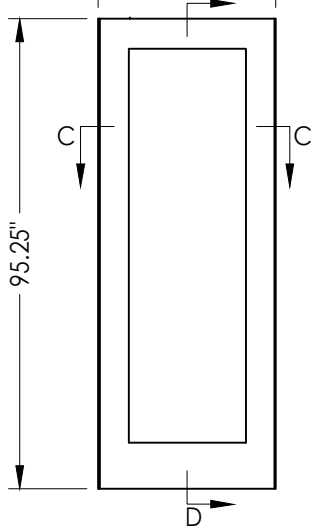
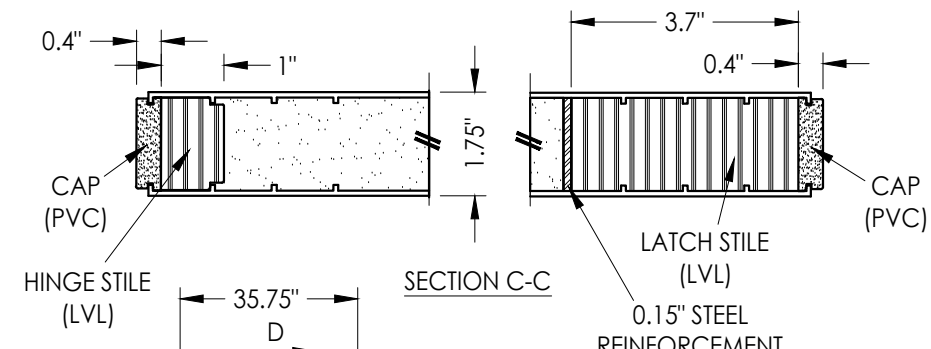
FIBERGLASS DOOR PANEL  
Plastpro 6'-8"

FIBERGLASS SKIN  
(0.125" MIN. THK.)

BOTTOM RAIL  
(COMP.)



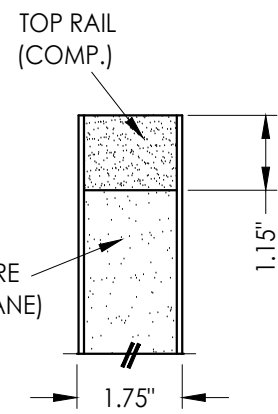
SECTION B-B



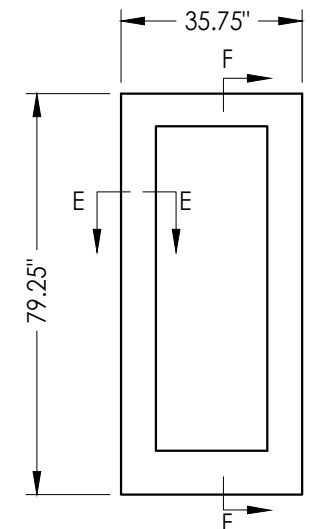
FIBERGLASS DOOR PANEL  
Plastpro 8'-0"

FIBERGLASS SKIN  
(0.125" MIN. THK.)

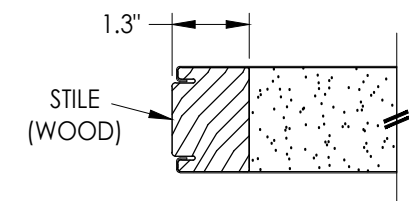
BOTTOM RAIL  
(COMP.)



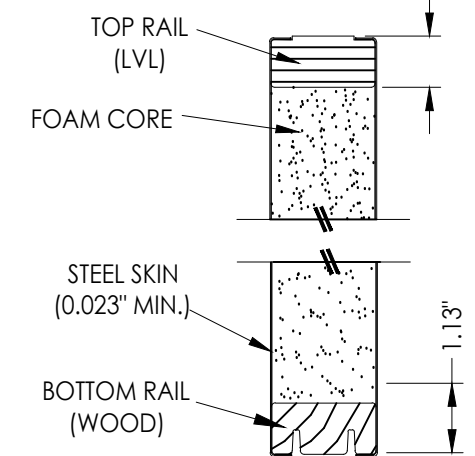
SECTION D-D



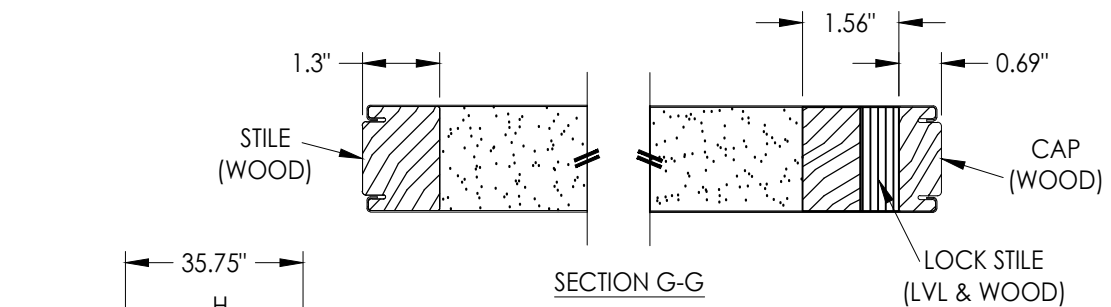
STEEL DOOR PANEL  
Novatech 6'-8"



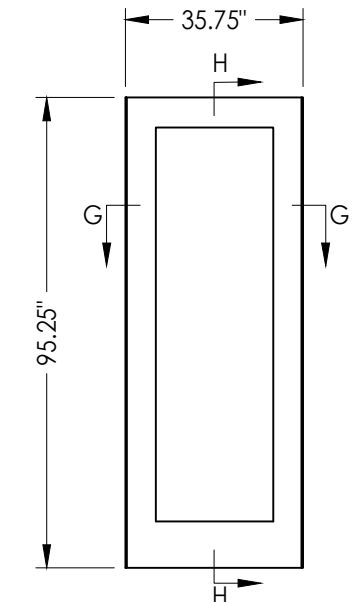
SECTION E-E



SECTION F-F



SECTION G-G



STEEL DOOR PANEL  
Novatech 8'-0"

FOAM CORE  
(POLYURETHANE)

STEEL SKIN  
(0.023" MIN.)

BOTTOM RAIL  
(WOOD)

TOP RAIL  
(LVL)

FOAM CORE  
(POLYURETHANE)

STEEL SKIN  
(0.023" MIN.)

BOTTOM RAIL  
(WOOD)

TOP RAIL  
(LVL)

SECTION H-H

Documents Prepared By:  
Lyndon F. Schmidt  
P.E. No. 43409

PRODUCT:  
NOVATECH ENTRY DOORS  
LITE FRAME SYSTEM

PART OR ASSEMBLY:  
FIBERGLASS & STEEL  
DOOR PANELS

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|-------------------------|---------|------------------------------|-----|
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| 2                       | 8/21/24 | REVISE MANUFACTURER NAME     | LFS |
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| DWG. BY: LFS            |         |                              |     |
| CHK. BY: RW             |         |                              |     |
| DRAWING NO.: FL-15419.2 |         |                              |     |
| SHEET 3 OF 3            |         |                              |     |