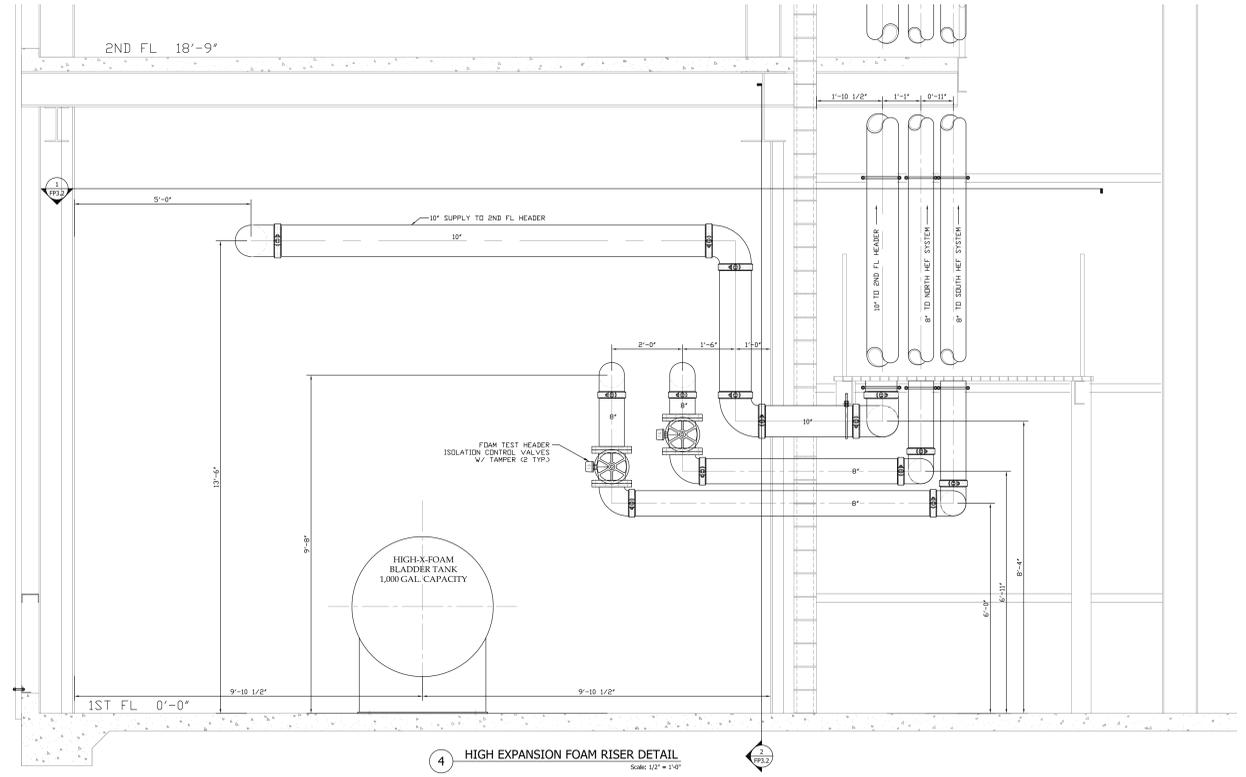
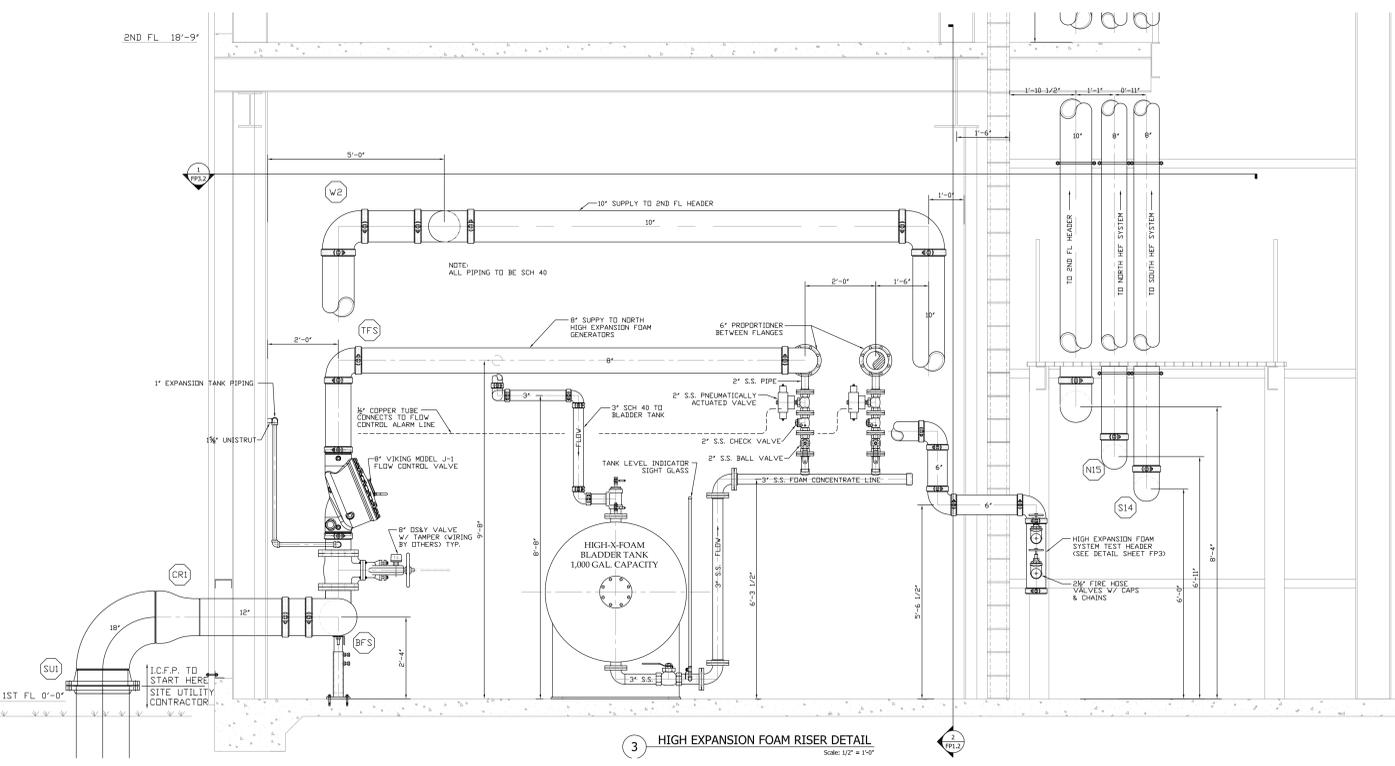


**HIGH EXP. FOAM - SYSTEM TESTING NOTES:**

- High Expansion Foam Systems must cover 90% of the aircraft silhouette area projected onto the floor in one (1) minute or less & to a depth of one meter (3.2 feet) in four (4) minutes of operation or less.
- The ETL Q2-13 states that foam shall not fall directly onto an aircraft. The Authority (Eglin AFB) has stated that there is no particular aircraft layout that can be used to strategically place the foam generators, therefore the generators will be spaced evenly over the hangar bay floor area as indicated within these documents.
- Foam level evaluation time shall start when the foam generators start producing foam, per contract drawing M-161 notes.



**STAMPED:  
FOR APPROVAL**

Symbol	Date	Description	Approved
1	X	X	X
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**GENERAL NOTES:**

Responsibility of the Owner or Occupant:

- The responsibility for properly maintaining a water based fire protection system shall be that of the owner of the property.
- Where the owner is not the occupant, the owner shall be permitted to pass on the authority for inspecting, testing and maintaining the fire protection systems to the occupant, management firm or managing individual.
- The owner or occupant is responsible for preparing systems for seasonal conditions. Dry pipe systems or systems with sections of piping that may contain trapped water, subject to freezing conditions shall be properly drained by the owner or occupant.

**PROJECT INFORMATION**

**CORRECT FPD DRAWINGS**  
BUILDING 130  
EGLIN AIR FORCE BASE, FLORIDA

**HIGH EXPANSION FOAM - RISER ROOM DETAILS**

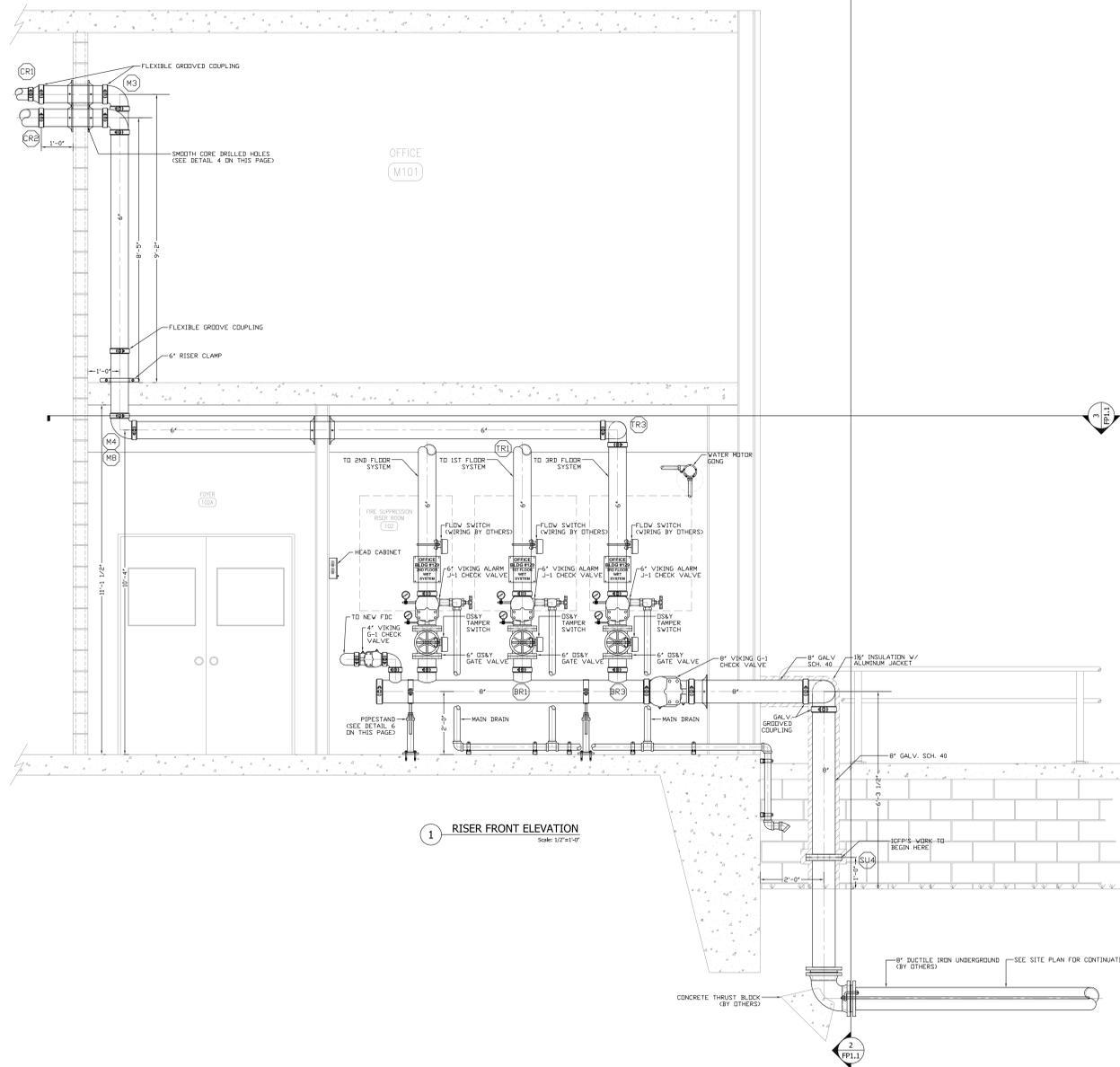
**INDUSTRIAL - COMMERCIAL**

**ICFP**  
FIRE PROTECTION, INC.

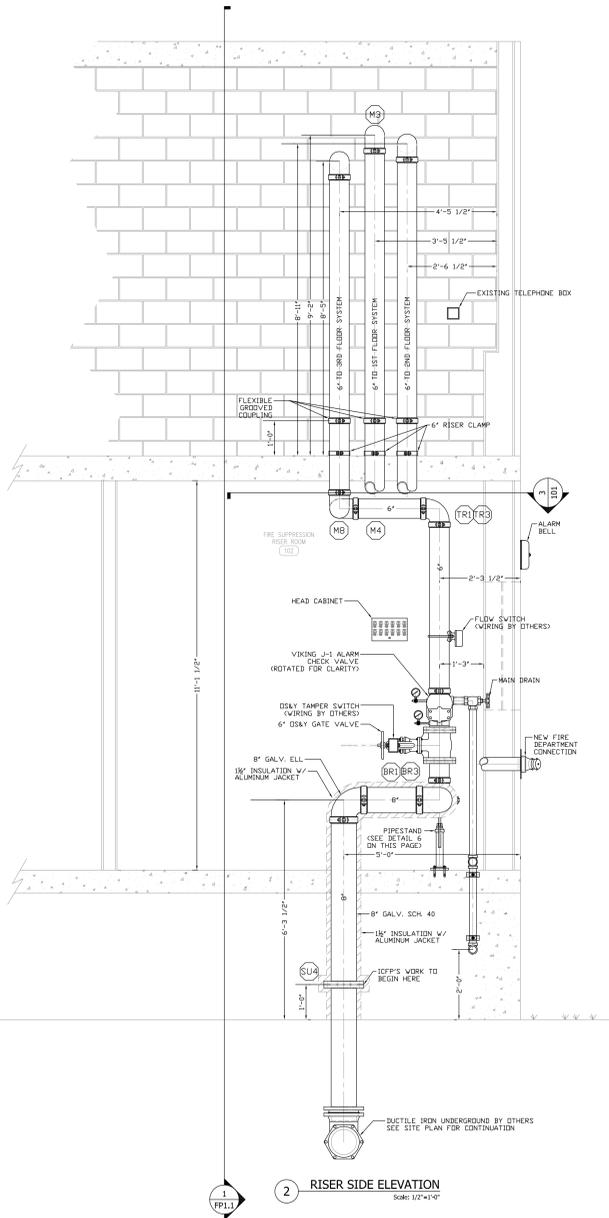
1209C Hwy 6135 / Lucedale, MS  
Phone: 601-766-1451 / Fax: 601-766-1452

**DRAWING INFO:**

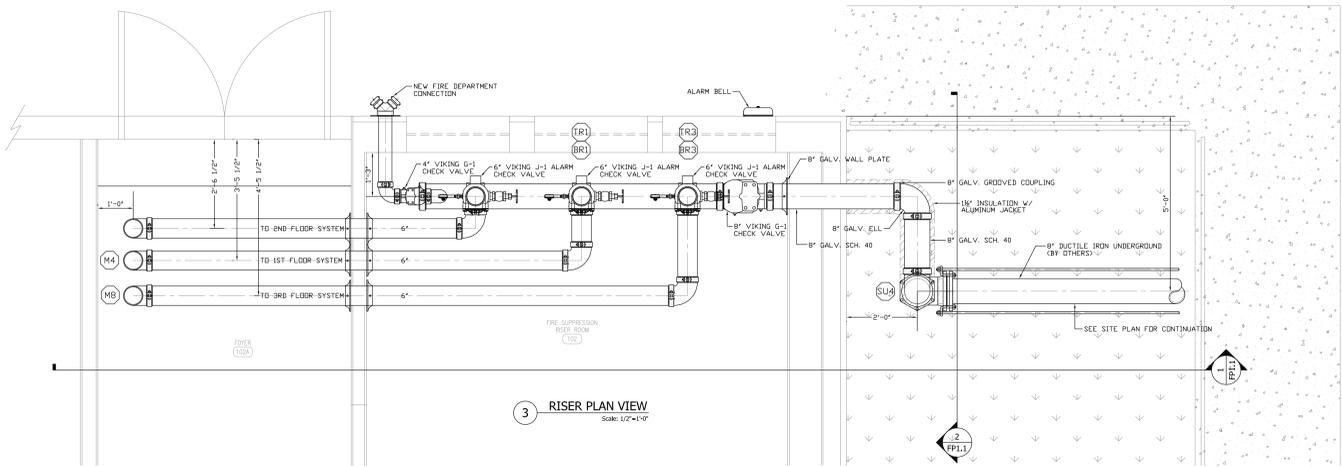
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Scale: NOTED  
Dwn By: WDA  
ICFP Job No: C08-010  
Drawing No: **FP3.2**



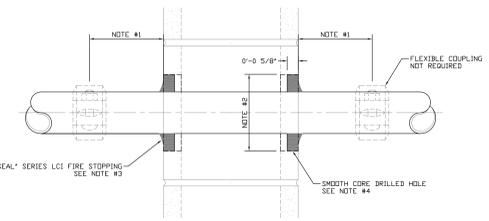
1 RISER FRONT ELEVATION  
Scale: 1/2" = 1'-0"



2 RISER SIDE ELEVATION  
Scale: 1/2" = 1'-0"



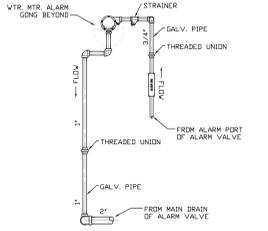
3 RISER PLAN VIEW  
Scale: 1/2" = 1'-0"



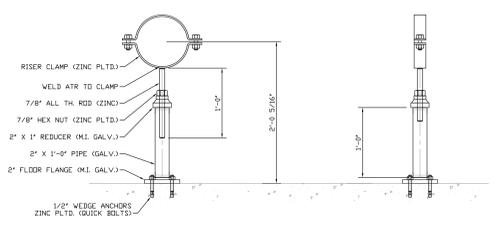
1 & 2 HR - FIRE RATED WALL  
DRY BLOCK WALL ASSEMBLY

- NOTES:
1. FLEXIBLE COUPLINGS ARE NOT REQUIRED WHERE CLEARANCE IS PROVIDED IN ACCORDANCE WITH NFPA 13, 2007 EDITION, PARAGRAPH 9.3.4.2.
  2. NFPA 13, 2007 EDITION, PARAGRAPH 9.3.4.2 STATES THAT WHERE CLEARANCE IS PROVIDED FOR PIPES PASSING THRU PLATFORMS, FOUNDATIONS, WALLS OR FLOORS, THE HOLES PROVIDING THE CLEARANCE SHALL BE SIZED SUCH THAT THE DIAMETER OF THE HOLE IS 2 INCHES LARGER THAN THE PIPE FOR 1 INCH TO 3/8 INCH PIPE AND 4 INCHES LARGER THAN THE PIPE FOR PIPE 4 INCH AND LARGER.
  3. APPLY FIRE STOPPING IN ACCORDANCE WITH PRODUCT DATA SHEET. FIRE STOPPING SHALL BE AT LEAST 3/8" THICK SLEEVE IN WALL OR FLOOR IS NOT REQUIRED WHERE HOLE IS CORE DRILLED AND INTERIOR SURFACE IS SMOOTH.

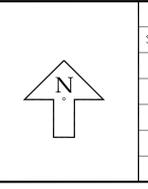
4 WALL PENETRATION DETAIL  
Scale: 1/2" = 1'-0"



5 WMAG PIPING DETAIL #1  
Scale: 1/2" = 1'-0"



6 #1 - PIPE STAND DETAIL  
Scale: 1/2" = 1'-0"



REVISIONS:			
Symbol	Date	Description	App.
1	X	X	X
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GENERAL NOTES:

Responsibility of the Owner or Occupant:

1. The responsibility for properly maintaining a water based fire protection system shall be that of the owner of the property.
2. Where the owner is not the occupant, the owner shall be permitted to pass on the authority for inspecting, testing and maintaining the fire protection systems to the occupant, management firm or managing individual.
3. The owner or occupant is responsible for preparing systems for seasonal conditions. Dry pipe systems or systems with sections of piping that may contain trapped water, subject to freezing conditions shall be properly drained by the owner or occupant.

PROJECT INFORMATION

**CORRECT FPD**  
OFFICE BUILDING #129  
EGLIN AIR FORCE BASE, FLORIDA

**BUILDING #129 - RISER ROOM DETAILS**

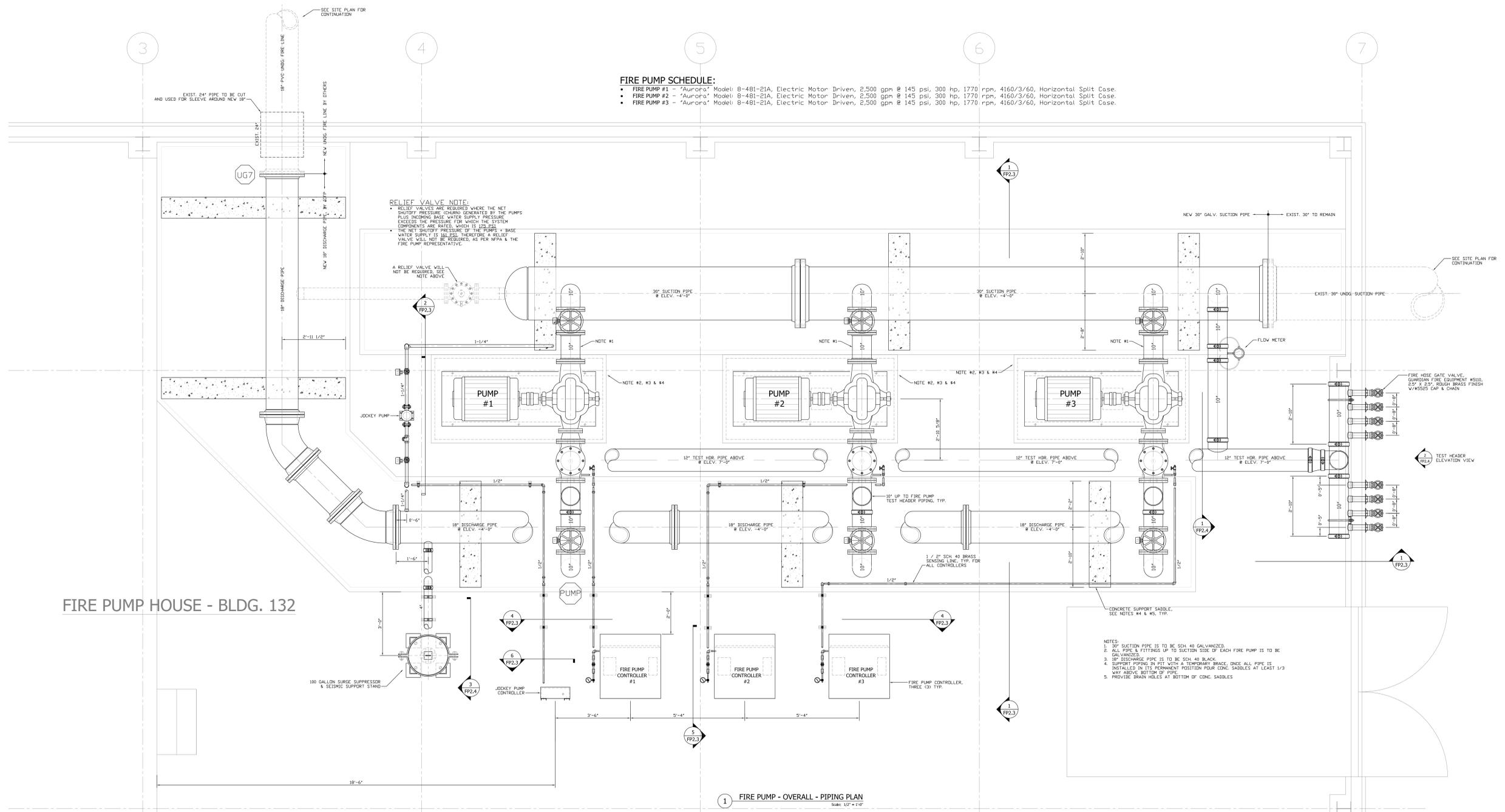
INDUSTRIAL - COMMERCIAL

**ICFP**  
FIRE PROTECTION, INC.

1209C Hwy 6135 / Lucedale, MS  
Phone: 601-766-1451 / Fax: 601-766-1452

DRAWING INFO:

Date: 12/01/08  
Scale: NOTED  
Dwn By: BAS  
ICFP Job No: C08-010  
Drawing No: **FP1.1**



- FIRE PUMP SCHEDULE:**
- FIRE PUMP #1 - "Aurora" Model: 8-481-21A, Electric Motor Driven, 2,500 gpm @ 145 psi, 300 hp, 1770 rpm, 4160/3/60, Horizontal Split Case.
  - FIRE PUMP #2 - "Aurora" Model: 8-481-21A, Electric Motor Driven, 2,500 gpm @ 145 psi, 300 hp, 1770 rpm, 4160/3/60, Horizontal Split Case.
  - FIRE PUMP #3 - "Aurora" Model: 8-481-21A, Electric Motor Driven, 2,500 gpm @ 145 psi, 300 hp, 1770 rpm, 4160/3/60, Horizontal Split Case.

**RELIEF VALVE NOTE:**  
 • RELIEF VALVES ARE REQUIRED WHERE THE NET SHUTOFF PRESSURE (GENERATED BY THE PUMPS PLUS INCHING BASE WATER SUPPLY PRESSURE) EXCEEDS THE PRESSURE FOR WHICH THE SYSTEM COMPONENTS ARE RATED, WHICH IS 225 PSI. THE NET SHUTOFF PRESSURE OF THE PUMPS + BASE WATER SUPPLY IS (GIVEN), THEREFORE A RELIEF VALVE WILL NOT BE REQUIRED, AS PER NFPA & THE FIRE PUMP REPRESENTATIVE.

- NOTES:**
1. 30" SUCTION PIPE IS TO BE SCH. 40 GALVANIZED.
  2. ALL PIPE & FITTINGS UP TO SUCTION SIDE OF EACH FIRE PUMP IS TO BE GALVANIZED.
  3. 18" DISCHARGE PIPE IS TO BE SCH. 40 BLACK.
  4. SUPPORT PIPING IN PIST WITH A TEMPORARY BRACE, ONCE ALL PIPE IS INSTALLED IN ITS PERMANENT POSITION POUR CONC. SADDLES AT LEAST 1/3 WAY ABOVE BOTTOM OF PIPE.
  5. PROVIDE DRAIN HOLES AT BOTTOM OF CONC. SADDLES.

**1 FIRE PUMP - OVERALL - PIPING PLAN**  
 Scale: 1/2" = 1'-0"

NEW FIRE PUMP SWITCH GEAR TO BE PROVIDED & INSTALLED BY ELECT. CONTRACTOR

**FIRE PUMP HOUSE - BLDG. 132**

**REVISIONS:**

Symbol	Date	Description	App.
1	X	X	X
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**GENERAL NOTES:**

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1. The responsibility for properly maintaining a water based fire protection system shall be that of the owner of the property.
  2. Where the owner is not the occupant, the owner shall be permitted to pass on the authority for inspecting, testing and maintaining the fire protection systems to the occupant, management firm or managing individual.
  3. The owner or occupant is responsible for preparing systems for seasonal conditions. Dry pipe systems or systems with sections of piping that may contain trapped water, subject to freezing conditions shall be properly drained by the owner or occupant.

**PROJECT INFORMATION**

**CORRECT FPD**  
 FIRE PUMP BLDG. #132  
 EGLIN AIR FORCE BASE, FLORIDA

**BLDG. #132 - FIRE PUMP PLANS, SECTIONS & DETAILS**

**INDUSTRIAL - COMMERCIAL**

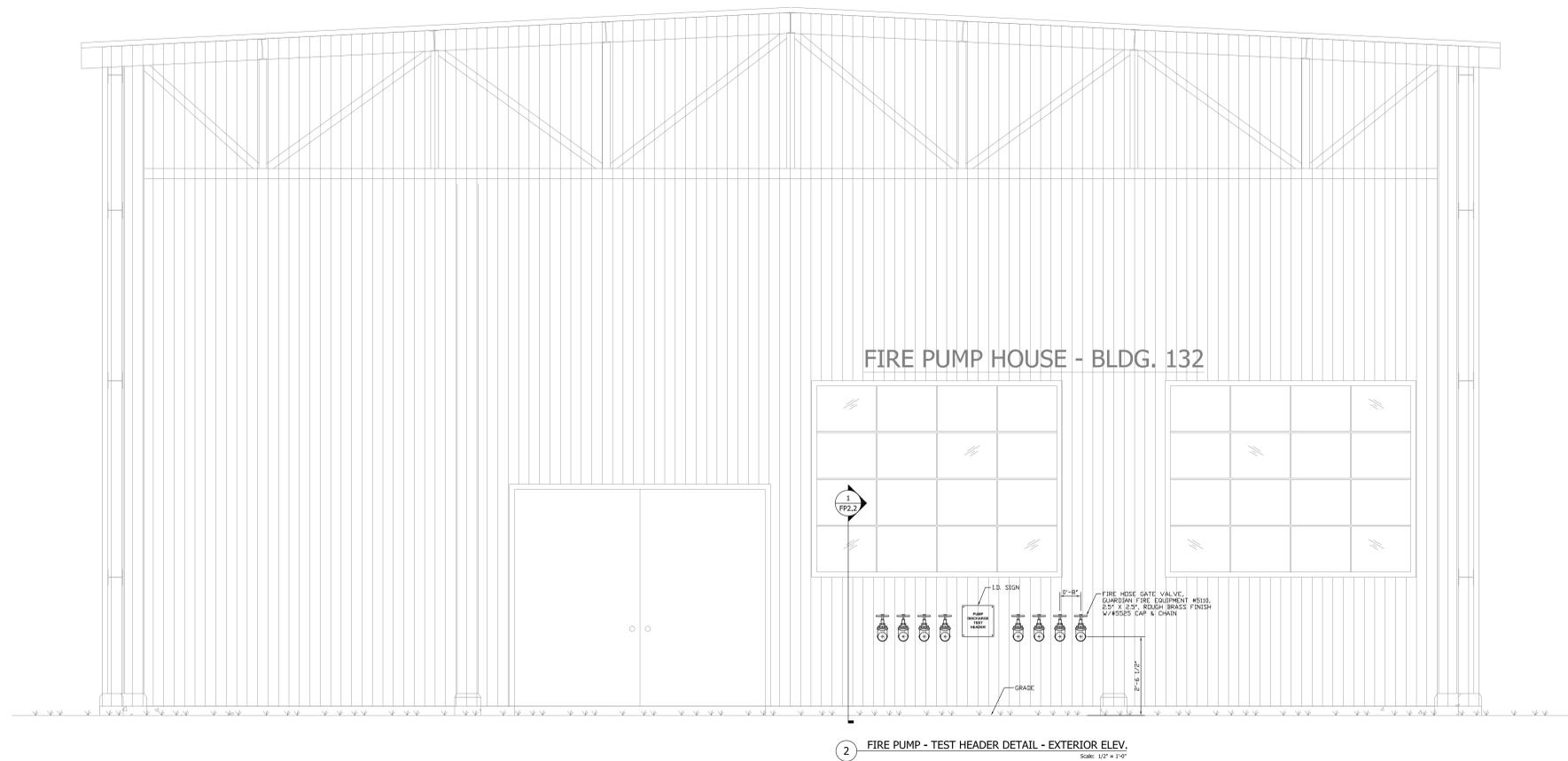
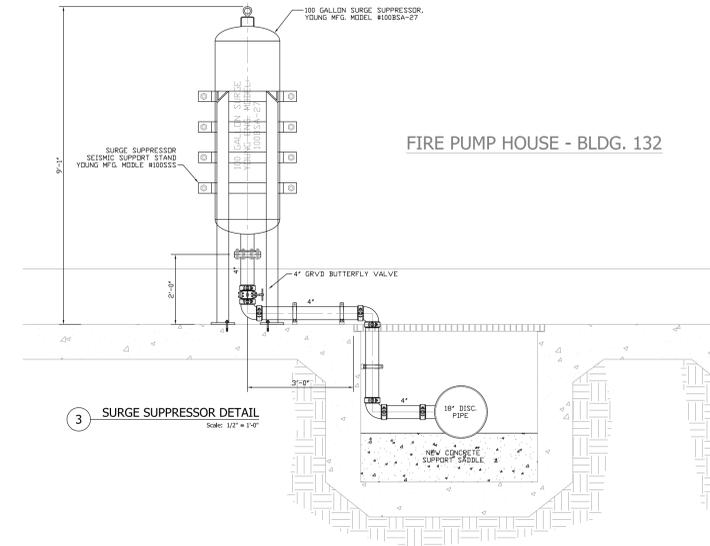
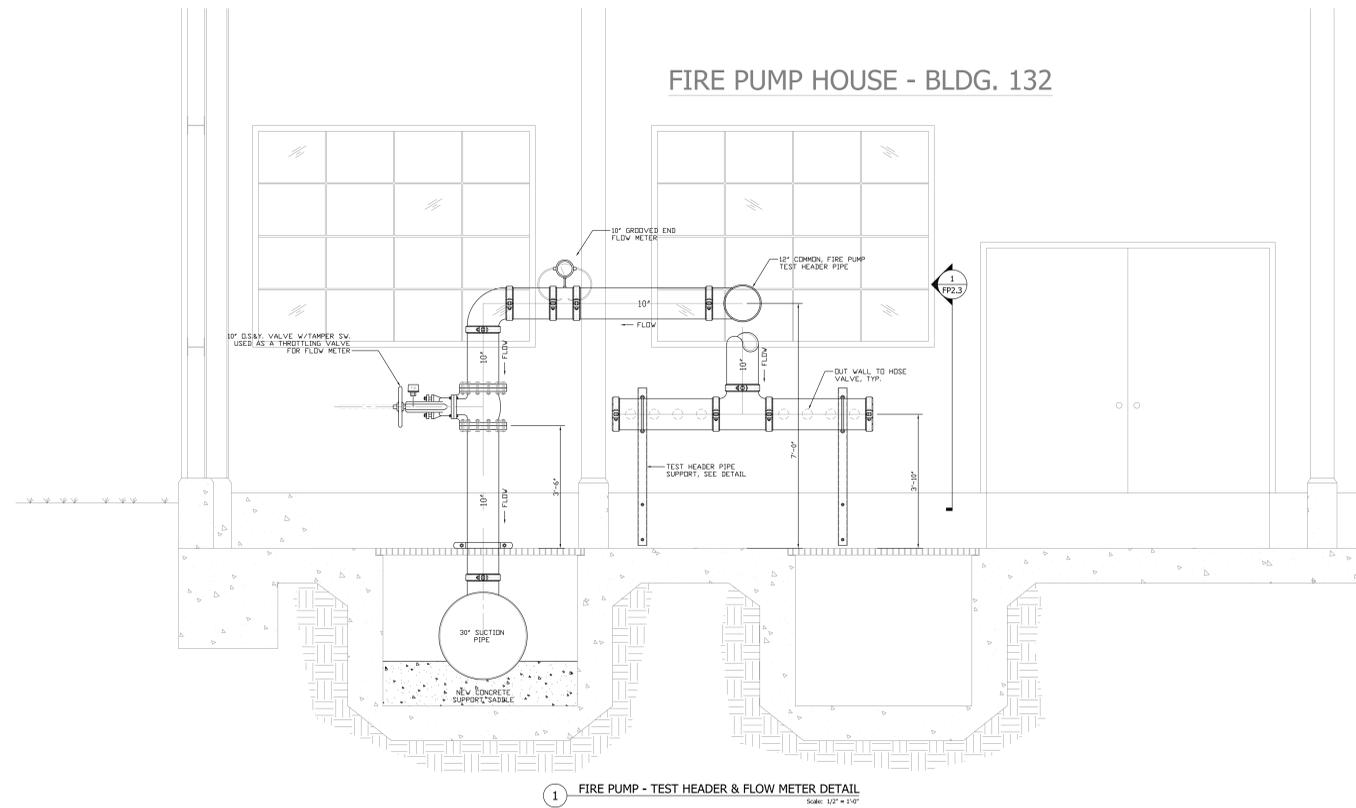


**FIRE PROTECTION, INC.**  
 1209C Hwy 6135 / Lucedale, MS  
 Phone: 601-766-1451 / Fax: 601-766-1452

**DRAWING INFO:**

Date: **12/2/08**  
 Scale: **NOTED**  
 Dwn By: **BAS / RD**  
 ICFP Job No: **C08-010**  
 Drawing No: **FP2.1**





REVISIONS:

Symbol	Date	Description	APP.
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GENERAL NOTES:

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PROJECT INFORMATION

CORRECT FPD  
 FIRE PUMP BLDG. #132  
 EGLIN AIR FORCE BASE, FLORIDA

BLDG. #132 - FIRE PUMP PLANS, SECTIONS & DETAILS

INDUSTRIAL - COMMERCIAL



FIRE PROTECTION, INC.

1209C Hwy 6135 / Lucedale, MS  
 Phone: 601-766-1451 / Fax: 601-766-1452

DRAWING INFO:

Date: 12/2/08  
 Scale: NOTED  
 Dwn By: BAS / RD  
 ICFP Job No: C08-010  
 Drawing No: FP2.4

