

DRAWINGS

FOR

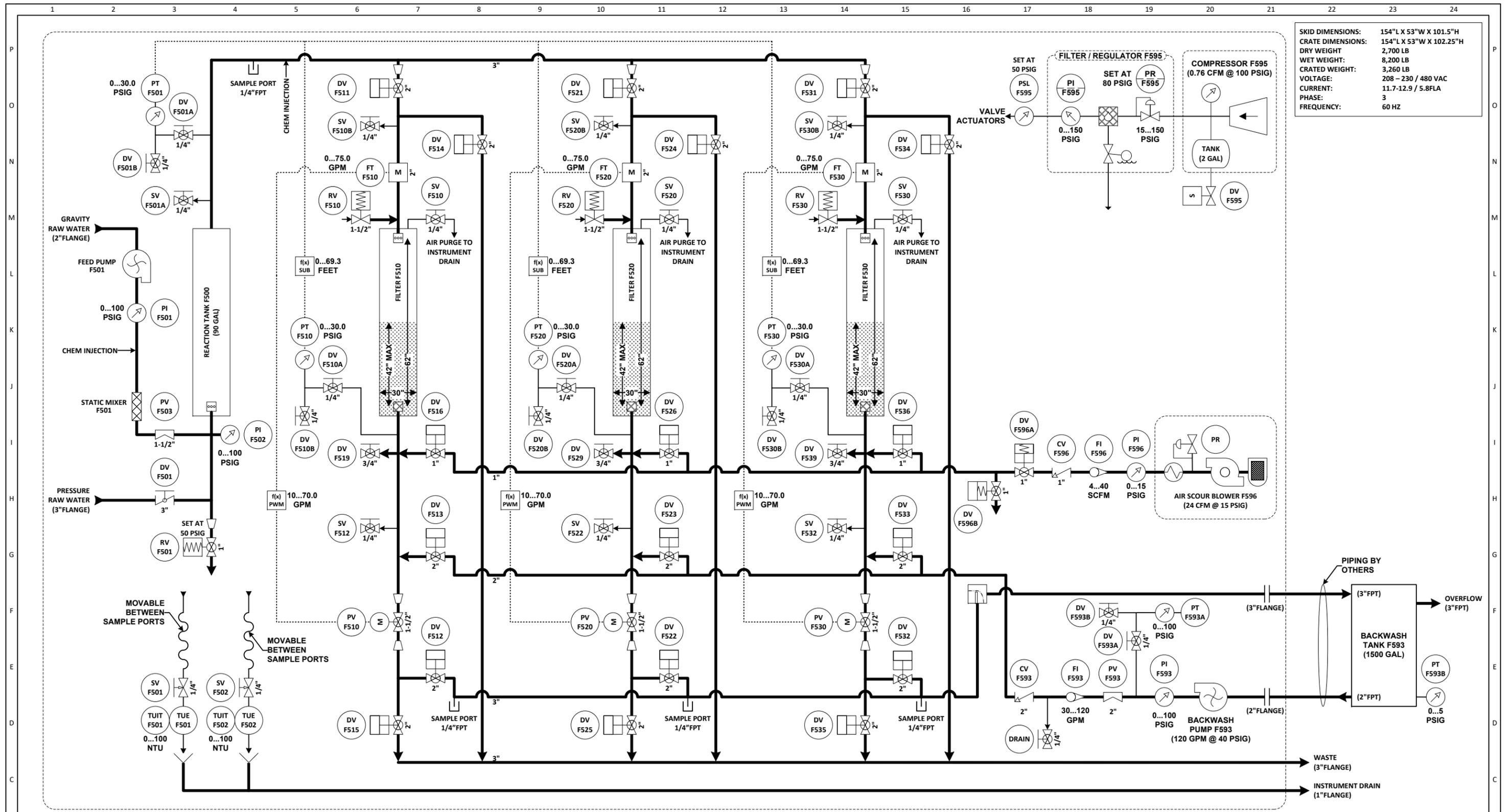
**INTUITECH  
GRANULAR MEDIA FILTER MODULE F500  
PROJECT 1215**

FOR

**INSTALLATION**

RELEASE #7

FEBRUARY 27, 2018



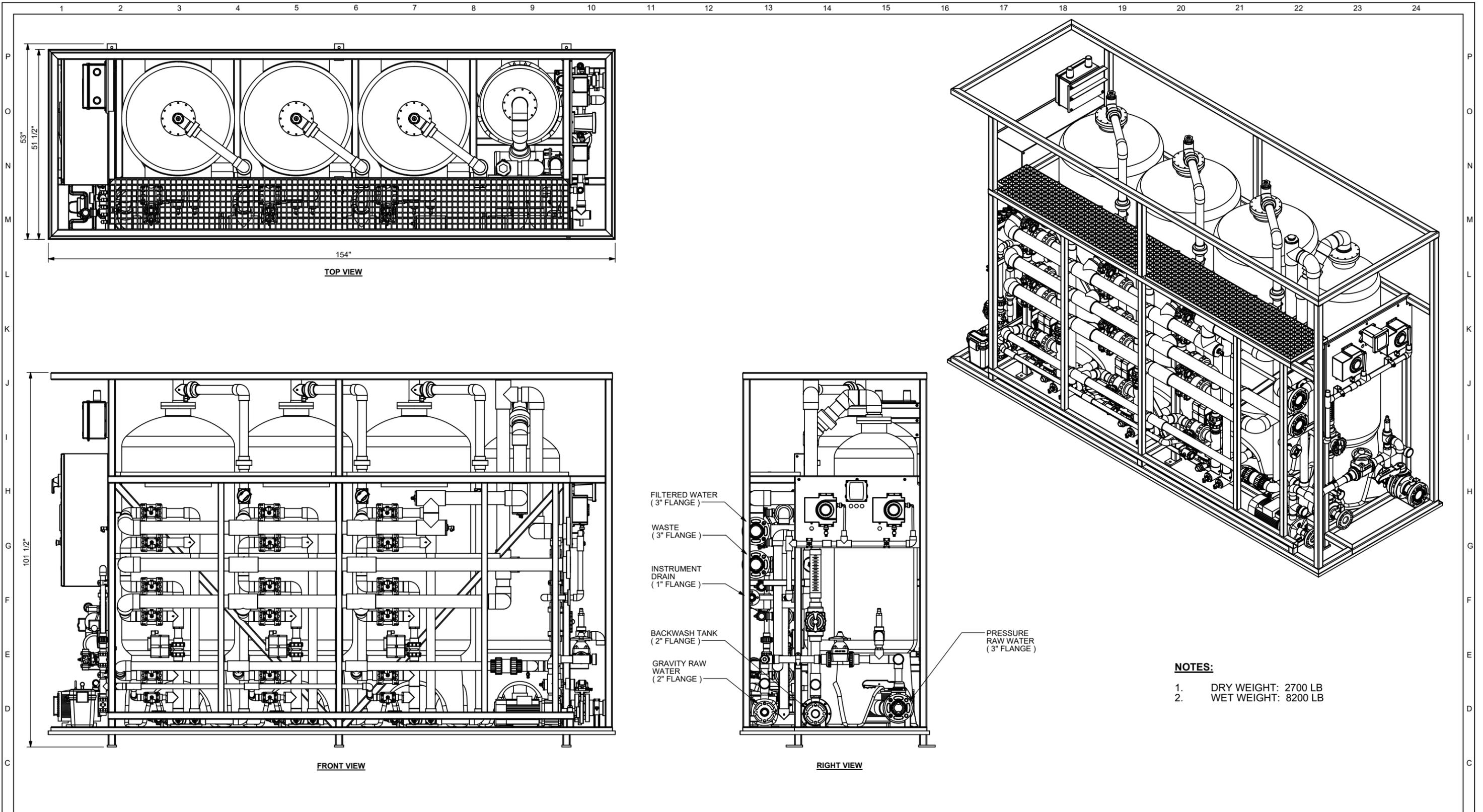
**SKID DIMENSIONS:** 154" L X 53" W X 101.5" H  
**CRATE DIMENSIONS:** 154" L X 53" W X 102.25" H  
**DRY WEIGHT:** 2,700 LB  
**WET WEIGHT:** 8,200 LB  
**CRATED WEIGHT:** 3,260 LB  
**VOLTAGE:** 208 - 230 / 480 VAC  
**CURRENT:** 11.7-12.9 / 5.8 FLA  
**PHASE:** 3  
**FREQUENCY:** 60 HZ

| REV | DATE     | BY  | DESCRIPTION  |
|-----|----------|-----|--|
| 3   | 10-02-12 | GJD | CHANGED PIPING AND SAMPLE VALVE NAMES, ADDED PI F502         |
| 4   | 10-08-13 | TSB | UPDATED CRATE DIMENSIONS.                                    |
| 5   | 10-29-13 | GJD | UPDATED CRATE WEIGHTS, REMOVED CV-F596B, ADDED DV-F596A      |
| 6   | 02-27-18 | AJB | CHANGED TUT-501 & 502 TO TUE-501 & 502, ADDED TUIT-501 & 502 |

  
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| TITLE: GRANULAR MEDIA FILTER MODULE F500<br>PROCESS & INSTRUMENTATION DIAGRAM |                      |
|---|----------------------|
| CLIENT: INTUITECH   | PROJECT: 1215        |
| DRAWN BY: EJH   | DRAWN DATE: 10-16-09 |
| DRAWING NAME: 1215-F5PP-100.VSD   | P.O.:                |
| SCALE: NONE   | REVISION: 6          |



FILTERED WATER (3" FLANGE)  
 WASTE (3" FLANGE)  
 INSTRUMENT DRAIN (1" FLANGE)  
 BACKWASH TANK (2" FLANGE)  
 GRAVITY RAW WATER (2" FLANGE)  
 PRESSURE RAW WATER (3" FLANGE)

- NOTES:**
1. DRY WEIGHT: 2700 LB
  2. WET WEIGHT: 8200 LB

| REV | DATE     | BY  | CHECKED | DESCRIPTION  |
|-----|----------|-----|---------|--|
| 1   | 02-23-11 | AJB |         | UPDATED DRAWING TO REFLECT ALL AS BUILT MODIFICATIONS                        |
| 2   | 08-30-12 | AJB |         | ADDED FEED PUMP F501, AND PUMPED RAW WATER PIPING                            |
| 3   | 10-29-13 | GJD |         | ADDED PR-F595, DV-F595, DV-F596A, REMOVED CV-F596B                           |
| 4   | 01-24-18 | CLR |         | UPDATE DRAWING TO SHOW ALL MECHANICAL MODIFICATIONS, UPDATE INSTRUMENT PANEL |



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**DIMENSIONAL TOLERANCES ARE AS FOLLOWS UNLESS OTHERWISE SPECIFIED**

1/X: ±1/8    0.0X: ±0.01  
1/XX: ±1/16    0.00X: ±0.005

ANGLES: ±1°

**TITLE:** GRANULAR MEDIA FILTER MODULE F500  
FRONT VIEW - GENERAL ARRANGEMENT

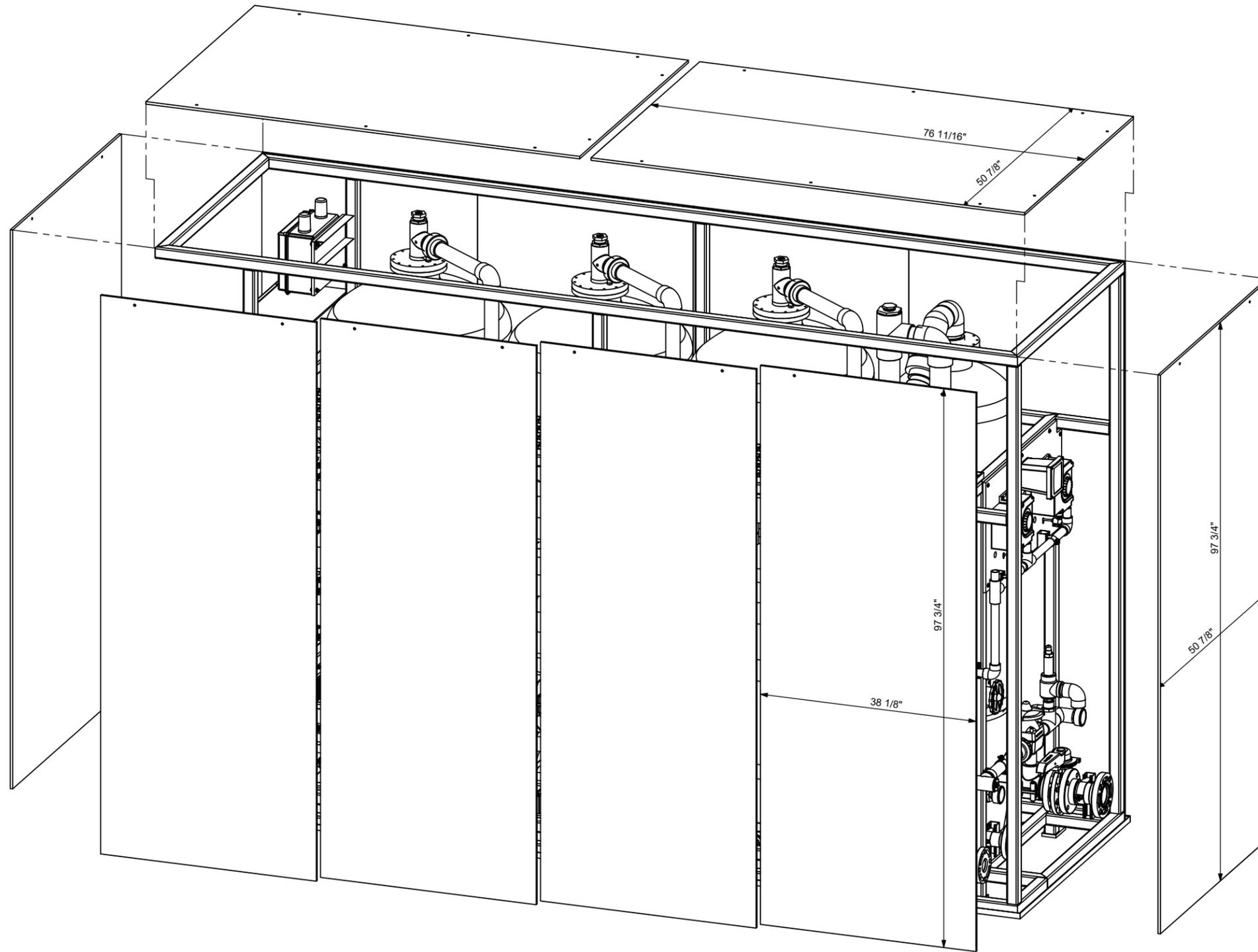
**CLIENT:** INTUITECH    **PROJECT:** 1215

**DRAWN BY:** AJB    **DRAWN DATE:** 11-22-10

**DRAWING NAME:** 1215-F5ML-100    **P.O.:**

**SCALE:** NONE    **REVISION:** 4

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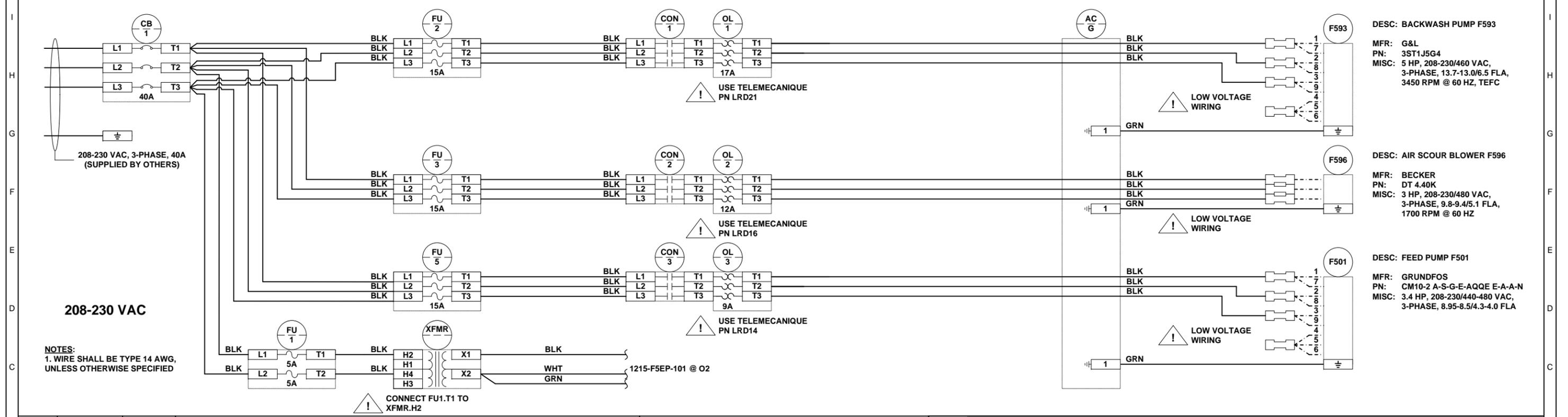
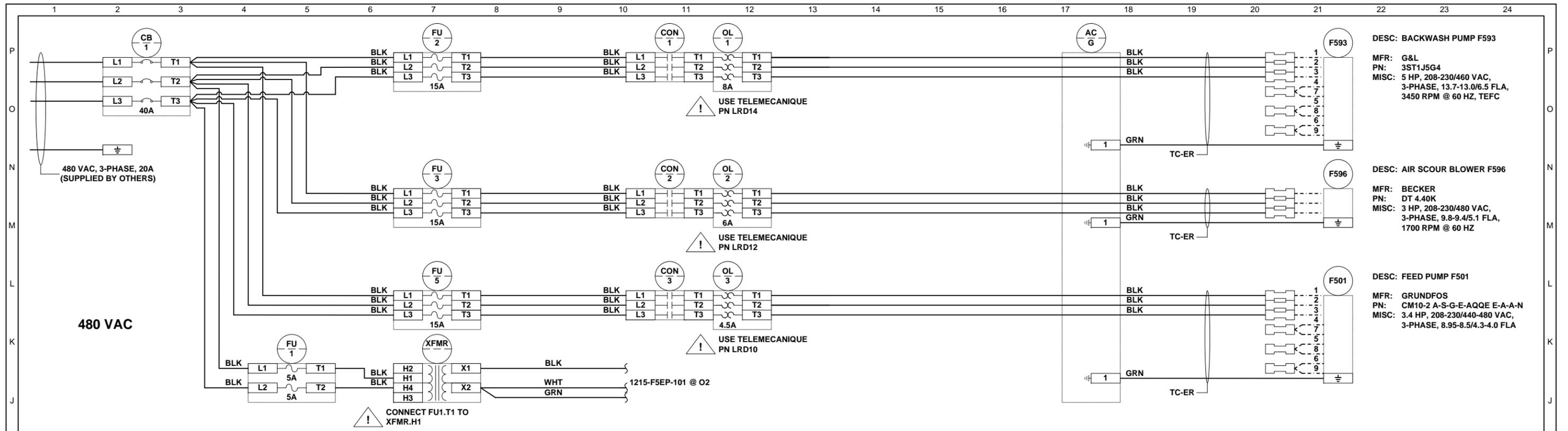
| REV | DATE     | BY  | CHECKED | DESCRIPTION  |
|-----|----------|-----|---------|--|
| 1   | 02-27-18 | AJB |         | UPDATED DRAWING TO SHOW INSTRUMENTATION PANEL MODIFICATIONS. |
| 2   |          |     |         |  |
| 3   |          |     |         |  |
| 4   |          |     |         |  |

  
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| DIMENSIONAL TOLERANCES ARE AS FOLLOWS UNLESS OTHERWISE SPECIFIED |               |
|--|---------------|
| 1/X: ±1/8  | 0.0X: ±0.01   |
| 1/XX: ±1/16  | 0.00X: ±0.005 |
| ANGLES: ±1°  |               |

|  |                             |
|--|-----------------------------|
| <b>TITLE:</b> GRANLULAR MEDIA FILTER MODULE F500<br>GENERAL ARRANGEMENT - CRATED |                             |
| <b>CLIENT:</b> INTUITECH   | <b>PROJECT:</b> 1215        |
| <b>DRAWN BY:</b> AJB   | <b>DRAWN DATE:</b> 02-23-11 |
| <b>DRAWING NAME:</b> 1215-F5ML-102   | <b>P.O.:</b>                |
| <b>SCALE:</b> NONE   | <b>REVISION:</b> 1          |



NOTES:  
1. WIRE SHALL BE TYPE 14 AWG, UNLESS OTHERWISE SPECIFIED

| REV | DATE     | BY  | DESCRIPTION                          |
|-----|----------|-----|--------------------------------------|
| 1   | 2-22-11  | TSB | ADDED WARNINGS TO 480 VAC DIAGRAM.   |
| 2   | 09-10-12 | TSB | ADDED FU5, CON3, OL3, AND FEED PUMP. |
| 3   |          |     |                                      |
| 4   |          |     |                                      |



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|   |                     |
|---|---------------------|
| TITLE: GRANULAR MEDIA FILTER MODULE F500 CONTROL PANEL - AC POWER WIRING 1 OF 2 |                     |
| CLIENT: INTUITECH   | PROJECT: 1215       |
| DRAWN BY: TSB   | DRAWN DATE: 1-20-11 |
| DRAWING NAME: 1215-F5EP-100.VSD   | P.O.:               |
| SCALE: NONE   | REVISION: 2         |