

Plotting File: W:\2013\15123-VA Shreveport 3rd and 4th Floors\Drawings\17-5123 PP 501 Schedules.dwg  
Plotted by: jgleland  
Plotted Date: Apr 20, 2015 - 10:36am  
one-eighth inch = one foot

three inches = one foot

one and one-half inches = one foot

one inch = one foot

three-quarters inch = one foot

one-half inch = one foot

three-eighths inch = one foot

one-quarter inch = one foot

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| Revisions: | Date |

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Drawing Title:

SCHEDULES

Approved: Project Director

Project Title:

EXPAND RADIOLOGY AND SPS  
OVERTON BROOKS VAMC

Location:

SHREVEPORT, LA

Date:

04-17-2015

Checked:

CARLTON

Drawn:

BARNHART

Project Number:

667-083

Building Number:

1

Drawing Number:

PP501

Dwg. 92 of 160

OFFICE OF  
CONSTRUCTION  
AND FACILITIES  
MANAGEMENT

VA



FIXTURE CONNECTION SCHEDULE

| MARK  | FIXTURE               | FLOOR<br>TO RIM | WASTE  | SUPPLY |      | FIXTURE CONN. |      | NOTES   |
|-------|-----------------------|-----------------|--------|--------|------|---------------|------|---------|
|       |                       |                 |        | HOT    | COLD | HOT           | COLD |         |
| P-101 | WATER CLOSET          | 18"             | 4"     | -      | 1"   | -             | 1"   | 1 AND 9 |
| P-401 | LAVATORY              | 34"             | 1-1/4" | 1/2"   | 1/2" | 3/8"          | 3/8" | 2 AND 9 |
| P-413 | LAVATORY              | C.T.            | 1-1/4" | 1/2"   | 1/2" | 3/8"          | 3/8" | 3 AND 9 |
| P-414 | LAVATORY              | 34"             | 1-1/4" | 1/2"   | 1/2" | 3/8"          | 3/8" | 4 AND 9 |
| P-502 | SERVICE SINK          | 10"             | 4"     | 3/4"   | 1"   | 3/4"          | 1"   |         |
| P-505 | CLINIC SERVICE SINK   |                 |        | 3/4"   | 3/4" | 1/2"          | 1/2" |         |
| P-528 | SINK, CRS             | C.T.            | 1-1/2" | 1/2"   | 1/2" | 1/2"          | 1/2" | 5       |
| P-609 | ELECTRIC WATER COOLER | 34"/41"         | 1-1/4" | 1/2"   | 1/2" | 1/2"          | 1/2" | 8       |
| P-704 | SHOWER                | NOTE 6          | 2"     | 1/2"   | 1/2" | 1/2"          | 1/2" | 7 AND 9 |
| P-706 | EMERGENCY SHOWER      | 96"             | -      | 1"     | 1"   | 1-1/4"        | -    |         |
| P-812 | ICE MACHINE BOX       | -               | -      | -      | 1/2" | -             | 1/2" |         |
| K1443 | SINK                  | -               | 2"     | 3/4"   | 3/4" | 1/2"          | 1/2" |         |
| K1445 | SINK                  | -               | 2"     | 3/4"   | 3/4" | 1/2"          | 1/2" |         |

NOTES:

- FLOOR MOUNTED, VITREOUS CHINA, FLUSH VALVE. 1.28 GPF MAXIMUM.
- WALL HUNG, VITREOUS CHINA, HANDS FREE CONTROLS GOOSENECK FAUCET. 0.5 GPM MAXIMUM LAMINAR FLOW DEVICE.
- COUNTER MOUNTED, VITREOUS CHINA, SINGLE LEVER CONTROL. 0.35 GPM MAXIMUM LAMINAR FLOW DEVICE.
- WALL HUNG, VITREOUS CHINA, SINGLE LEVER CONTROL. 0.35 GPM MAXIMUM LAMINAR FLOW DEVICE.
- SINGLE COMPARTMENT. SWING ARM FAUCET. 0.5 GPM MAXIMUM LAMINAR FLOW DEVICE.
- MOUNT PRESSURE BALANCING MIXING VALVE AT 32" ABOVE FINISHED FLOOR AND DIVERTER VALVE AT 40" ABOVE FINISHED FLOOR.
- MOUNT WALL MOUNTED SHOWERHEAD CONNECTED TO ARM AT 77" ABOVE FINISHED FLOOR AND SPRAYER HEAD ASSEMBLY ON 5'-0" FLEXIBLE HOSE ON 24-INCH SLIDE BAR. SHOWERHEAD 1.5 GPM MAXIMUM.
- SELF-CONTAINED BUBBLER STYLE FULLY EXPOSED DUAL HEIGHT STAINLESS STEEL FOUNTAIN.
- HANDICAPPED FIXTURE. FIXTURE SHALL MEET THE AMERICAN WITH DISABILITIES ACT AND BARRIER-FREE HEALTH CARE INITIATIVE REQUIREMENTS.

MEDICAL GAS ALARM PANEL SCHEDULE

| LOCATION        | TYPE OF<br>PANEL                     | GAGES | SERVICE INDICATOR LIGHTS  |
|-----------------|--------------------------------------|-------|---|
| MRI AND CT SCAN | AREA<br>(ZONE)<br>ALARM<br>PANEL "A" | YES   | MEDICAL AIR LINE PRESSURE ABNORMAL.<br>OXYGEN LINE PRESSURE ABNORMAL.<br>MEDICAL VACUUM LINE VACUUM LOW.<br>TEST BUTTON.<br>SILENCE BUTTON. |

NOTES:

- MEDICAL GAS ALARM PANEL "A" TO BE LOCATED IN RECEPTION SPACE 417 WALL AS INDICATED ON PLANS.
- DIGITAL LCD AREA ALARM SYSTEM PANELS DESIGN BASIS: MANUFACTURE: AMICO, MODEL A3AR-U-OAV.
- CONNECT TO EXISTING MASTER ALARM PANEL. CONTRACTOR SHALL VERIFY LOCATION ON EXISTING MASTER ALARM PANEL AND ROUTING OF CONDUIT PRIOR TO BID ON PROJECT. PROVIDE ALL NECESSARY CONDUIT, CONNECTORS AND CONDUCTORS FOR COMPLETE AND OPERABLE CATEGORY 1 ALARM SYSTEM PER NFPA 99. REFER TO ELECTRICAL DRAWINGS.

LABORATORY GAS ALARM PANEL SCHEDULE

| LOCATION        | TYPE OF<br>PANEL                     | GAGES | SERVICE INDICATOR LIGHTS   |
|-----------------|--------------------------------------|-------|--|
| DECONTAMINATION | AREA<br>(ZONE)<br>ALARM<br>PANEL "B" | YES   | LABORATORY AIR LINE PRESSURE ABNORMAL.<br>MEDICAL VACUUM LINE VACUUM LOW.<br>TEST BUTTON.<br>SILENCE BUTTON.   |
| MECHANICAL ROOM | LOCAL<br>ALARM<br>PANEL "C"          | YES   | LABORATORY AIR DEW POINT HIGH.<br>LABORATORY AIR FILTER PRESSURE DROP HIGH.<br>LABORATORY AIR HIGH TEMP. SHUTDOWN.<br>LABORATORY AIR LINE PRESSURE HIGH.<br>LABORATORY AIR LINE PRESSURE LOW.<br>DESICCANT DRYER MALFUNCTION.<br>TEST BUTTON.<br>SILENCE BUTTON. |

NOTES:

- MEDICAL GAS ALARM PANEL "B" TO BE LOCATED TBD WALL AS INDICATED ON PLANS.
- MEDICAL GAS ALARM PANEL "C" TO BE LOCATED IN MECHANICAL ROOM SPACE 312 WALL AS INDICATED ON PLANS.DIGITAL LCD AREA ALARM SYSTEM PANELS
- DESIGN BASIS FOR ALARM PANEL B: MANUFACTURE: AMICO, MODEL A3AR-U-OAV.
- CONNECT TO EXISTING MASTER ALARM PANEL. CONTRACTOR SHALL VERIFY LOCATION ON EXISTING MASTER ALARM PANEL AND ROUTING OF CONDUIT PRIOR TO BID ON PROJECT. PROVIDE ALL NECESSARY CONDUIT, CONNECTORS AND CONDUCTORS FOR COMPLETE AND OPERABLE CATEGORY 1 ALARM SYSTEM PER NFPA 99. REFER TO ELECTRICAL DRAWINGS.

FIXTURE UNIT CALCULATION (BASED ON 2014 IPC)

| MARK      | FIXTURE               | QTY | DRAINAGE FU       |          | DOMESTIC WATER FU |   |       |       |          |          |  |             | REMARKS |
|-----------|-----------------------|-----|-------------------|----------|-------------------|---|-------|-------|----------|----------|--|-------------|---------|
|           |                       |     | EA FU             | TOTAL FU | CW EA             | CW FU                                       | HW EA | HW FU | TOTAL EA | TOTAL FU |  |             |         |
| P-101     | WATER CLOSET          | 9   | 6.00              | 54.00    | 6.00              | 54.00                                       | -     | -     | 6.00     | 54.00    |  | FLUSH VALVE |         |
| P-401     | LAVATORY              | 7   | 1.00              | 7.00     | 0.60              | 4.20  | 0.60  | 4.20  | 0.80     | 5.60     |  | WALL HUNG   |         |
| P-413     | LAVATORY              | 4   | 1.00              | 4.00     | 0.60              | 2.40  | 0.60  | 2.40  | 0.80     | 3.20     |  | COUNTER     |         |
| P-414     | LAVATORY              | 10  | 1.00              | 10.00    | 0.60              | 6.00  | 0.60  | 6.00  | 0.80     | 8.00     |  | WALL HUNG   |         |
| P-502     | SERVICE SINK          | 3   | 3.00              | 9.00     | 2.25              | 6.75  | 2.25  | 6.75  | 3.00     | 9.00     |  | FLOOR MNTD  |         |
| P-505     | CLINIC SERVICE SINK   | 1   | 5.00              | 5.00     | 5.00              | 5.00  | 2.25  | 2.25  | 3.00     | 3.00     |  | WALL HUNG   |         |
| P-528     | SINK                  | 4   | 1.00              | 4.00     | 0.60              | 2.40  | 0.60  | 2.40  | 0.80     | 3.20     |  | SINGLE BOWL |         |
| P-609     | ELECTRIC WATER COOLER | 1   | 0.50              | 0.50     | 0.50              | 0.50  | -     | -     | 0.50     | 0.50     |  | DUAL HEIGHT |         |
| P-704     | SHOWER                | 2   | 2.00              | 4.00     | 1.50              | 3.00  | 1.50  | 3.00  | 2.00     | 4.00     |  |             |         |
| P-706     | EMERGENCY SHOWER      | 2   | -                 | -        | -                 | -   | -     | -     | -        | -        |  |             |         |
| P-512     | ICE MACHINE BOX       | 1   | -                 | -        | -                 | -   | -     | -     | -        | -        |  |             |         |
| K1443     | SINK                  | 1   | 2.00              | 2.00     | 1.50              | 1.50  | 1.50  | 1.50  | 2.00     | 2.00     |  | SINGLE COMP |         |
| K1445     | SINK                  | 3   | 2.00              | 6.00     | 1.50              | 4.50  | 1.50  | 4.50  | 2.00     | 6.00     |  | TRIPLE COMP |         |
| FD-1      | FLOOR DRAIN           | 24  | 2.50              | 60.00    | -                 | -   | -     | -     | -        | -        |  |             |         |
|           |                       |     | 167.00            |          | 91.75             |   | 34.50 |       | 94.90    |          |  |             |         |
| DCWS GPM  |                       |     |                   |          |                   | 67.50 GPM + 0 GPM MAKE UP WATER = 67.50 GPM |       |       |          |          |  |             |         |
| DHWS GPM  |                       |     |                   |          |                   | 44.00 GPM                                   |       |       |          |          |  |             |         |
| PIPE SIZE |                       |     | INDIVIDUAL RISERS |          |                   |   |       |       |          |          |  |             |         |

DOMESTIC WATER CALCULATIONS

| SIZE   | GPM | FIXTURE UNITS DHWS | FIXTURE UNITS DCWS |
|--------|-----|--------------------|--------------------|
| 1/2"   | 3   | 1                  | -                  |
| 3/4"   | 6   | 3                  | -                  |
| 1"     | 17  | 24                 | 5                  |
| 1-1/4" | 20  | 20                 | 7                  |
| 1-1/2" | 28  | 45                 | 11                 |
| 2"     | 46  | 100                | 40                 |
| 2-1/2" | 75  | 250                | 101                |

NOTES:

- FIXTURE UNIT VALUES BASED ON 2013 LOUISIANA ADMINISTRATIVE CODE, TITLE 51 PART XIV SIZING CHARTS.
- MAX VELOCITY FOR HOT WATER - 5 FT/SEC, FOR COLD WATER 6 FT/SECOND.

AIR COMPRESSOR SCHEDULE

| MARK | TYPE       | RECEIVER SIZE | DISPLACEMENT<br>CFM | FREE<br>AIR | MOTOR<br>H.P. | VOLTAGE | PHASE | DISCHARGE |
|------|------------|---------------|---------------------|-------------|---------------|---------|-------|-----------|
| AC-1 | LABORATORY | 200 GALLON    | 16.5                | 16.5        | 7.5(2)        | -       | -     | 200 PSIG  |

NOTES:

- LABORATORY SHOP AIR COMPRESSOR PACKAGE SHALL BE DUPLEX OIL LESS SCROLL AIR COMPRESSOR WITH 80 GALLON VERTICAL ASME TANK, DUPLEX CONTROL PANEL, REFRIGERATED DRYER PACKAGE, AND DRAIN.
- ALL AIR COMPRESSOR SYSTEM SHALL COMPLY WITH NFPA 99.
- DESIGN BASIS: MANUFACTURE: BEACONMEDAES MODEL: HPA-7D-D200.
- REFER TO ELECTRICAL SHEETS FOR ADDITIONAL ELECTRICAL INFORMATION.

THERMOSTATIC TYPE PRESSURE BALANCE MIXING VALVE SCHEDULE

| MARK | PIPING |        | PRESSURE<br>DROP | CAPACITY<br>GPM | TEMPERATURE |       |          | NOTES      |
|------|--------|--------|------------------|-----------------|-------------|-------|----------|------------|
|      | INLET  | OUTLET |                  |                 | COLD        | HOT   | TEMPERED |            |
| MV-1 | 1"     | 1-1/4" | 10 LBS.          | 40.0            | 50°F        | 140°F | 80°F     | 1, 3 AND 4 |
| MV-2 | 1/2"   | 1/2"   | 5 LBS.           | 3.5             | 50°F        | 140°F | 108°F    | 2          |
| MV-3 | 1/2"   | 1/2"   | 5 LBS.           | 3.5             | 50°F        | 140°F | 108°F    | 2          |
| MV-4 | 1/2"   | 1/2"   | 5 LBS.           | 3.5             | 50°F        | 140°F | 108°F    | 2          |
| MV-5 | 1"     | 1-1/4" | 10 LBS.          | 29.0            | 50°F        | 140°F | 80°F     | 3          |
| MV-6 | 1"     | 1-1/4" | 10 LBS.          | 29.0            | 50°F        | 140°F | 80°F     | 3          |

NOTES:

- DESIGN BASIS; MANUFACTURE: LEONARD; DUAL MODEL 820-LF-DT-CP-IT-TC.
- DESIGN BASIS; MANUFACTURE: LEONARD; MODEL 270-LF-STSTL-REC.
- DESIGN BASIS: MANUFACTURE: LEONARD; MODEL TM-800-LF.
- POLISHED CHROME PLATE FINISH.
- HIGH-LOW WATER MIXER MOUNTED IN PARALLEL INSTALLATION.

FIXTURE UNIT SCHEDULE

| P-NUMBER | DESCRIPTION               | DRAIN | SUPPLY |      |       |
|----------|---------------------------|-------|--------|------|-------|
|          |                           |       | CW     | HW   | TOTAL |
| P-101    | WATER CLOSET, FLUSH VALVE | 6.00  | 6.00   | -    | 6.00  |
| P-401    | LAVATORY                  | 1.00  | 0.60   | 0.60 | 0.80  |
| P-413    | LAVATORY                  | 1.00  | 0.60   | 0.60 | 0.80  |
| P-414    | LAVATORY                  | 1.00  | 0.60   | 0.60 | 0.80  |
| P-502    | SERVICE SINK              | 3.00  | 2.25   | 2.25 | 3.00  |
| P-505    | CLINIC SERVICE SINK       | 5.00  | 5.00   | 2.25 | 5.00  |
| P-528    | SINK, CRS                 | 1.00  | 0.60   | 0.60 | 0.80  |
| P-609    | ELECTRIC WATER COOLER     | 0.50  | 0.50   | -    | 0.50  |
| P-704    | SHOWER                    | 2.00  | 1.50   | 1.50 | 2.00  |
| P-706    | EMERGENCY SHOWER          | -     | -      | -    | -     |
| P-812    | ICE MACHINE BOX           | -     | -      | -    | -     |
| K1443    | SINK                      | 2.00  | 1.50   | 1.50 | 2.00  |
| K1445    | SINK                      | 2.00  | 1.50   | 1.50 | 2.00  |

FIXTURE BRANCH SIZE SCHEDULE

| P-NUMBER | DESCRIPTION               | DRAINAGE |        | SUPPLY |      |
|----------|---------------------------|----------|--------|--------|------|
|          |                           | WP       | VP     | CW     | HW   |
| P-101    | WATER CLOSET, FLUSH VALVE | 4"       | 2"     | 1"     | -    |
| P-401    | LAVATORY                  | 1-1/2"   | 1-1/2" | 1/2"   | 1/2" |
| P-413    | LAVATORY                  | 1-1/2"   | 1-1/2" | 1/2"   | 1/2" |
| P-414    | LAVATORY                  | 1-1/2"   | 1-1/2" | 1/2"   | 1/2" |
| P-502    | SERVICE SINK              | 3"       | 1-1/2" | 3/4"   | 3/4" |
| P-505    | CLINIC SERVICE SINK       | 4"       | 2"     | 1"     | 3/4" |
| P-528    | SINK, CRS                 | 1-1/2"   | 1-1/2" | 1/2"   | 1/2" |
| P-609    | ELECTRIC WATER COOLER     | 1-1/2"   | 1-1/2" | 1/2"   | -    |
| P-704    | SHOWER                    | 2"       | 2"     | 1/2"   | 1/2" |
| P-706    | EMERGENCY SHOWER          | -        | -      | 1-1/4" | -    |
| P-812    | ICE MACHINE BOX           | -        | -      | 1/2"   | -    |
| K1443    | SINK                      | 2"       | 2"     | 3/4"   | 3/4" |
| K1445    | SINK                      | 2"       | 2"     | 3/4"   | 3/4" |

FLOOR DRAIN SCHEDULE

| LOCATION       | TYPE | SIZE | SEWER | REMARKS |
|----------------|------|------|-------|---------|
| HOSPITAL AREA: |      |      |       |         |
| SHOWER, SINGLE | C/D  | 2"   | S     |         |
| BATHROOM       | C/D  | 2"   | S     |         |
| FLOOR SINK     | C/D  | 2"   | S     |         |

LEGEND:

S = SANITARY SEWER

ST = STORM SEWER

TYPES:

C = FINISHED AREAS

D = LATEX MASTIC FLOOR/THIN SET TILE

NOTES:

- REFER TO PLANS FOR LOCATION OF FLOOR DRAIN.

SHOCK ABSORBER SCHEDULE

| ABSORBOTRON TYPE NO. | 5005 | 5010  | 5020  | 5030   | 5040    | 5050    |
|----------------------|------|-------|-------|--------|---------|---------|
| P.D.I. SYMBOLS       | A    | B     | C     | D      | E       | F       |
| FIXTURE UNIT RATING  | 1-11 | 12-32 | 33-60 | 61-113 | 114-154 | 155-330 |

NOTES:

- J.R. SMITH MODEL NUMBERS SHOWN, EQUAL - JOSAM OR ZURN.

FINAL SUBMITTAL