

DRAIN SCHEDULE

| SYMBOL | DESCRIPTION | BODY | | | STRAINER/GRATE | | | | | TOP FINISH | | | | | |
|--------|--|------|------|------|----------------|-------|--------|--------|------|------------|-----------|---------------|------|------|------|
| | | C.I. | S.S. | C.R. | BRASS | ROUND | SQUARE | ADJUST | FLAT | FUNNEL | SEC. DOME | NICKEL BRONZE | C.I. | C.R. | S.S. |
| FD1 | 3" MEDIUM DUTY/DOUBLE DRAINAGE/VANDAL RESISTANT (TYPE C) | ● | - | - | - | ● | - | - | ● | - | - | ● | - | - | - |
| FD2 | 4" MEDIUM DUTY/DOUBLE DRAINAGE/VANDAL RESISTANT/STAINLESS STEEL 1/2" SQUARE (TYPE S) 1/2 GRATE | ● | ● | - | - | ● | - | - | ● | - | - | ● | - | - | ● |
| FD3 | 4" MEDIUM DUTY/DOUBLE DRAINAGE/VANDAL RESISTANT/STAINLESS STEEL 1/2" SQUARE (TYPE S) | - | ● | - | - | ● | - | - | ● | - | - | ● | - | - | ● |
| FD4 | 3" LIGHT DUTY/DOUBLE DRAINAGE/VANDAL RESISTANT/STAINLESS STEEL/FUNNEL (TYPE M) | - | ● | - | - | ● | - | - | ● | - | - | ● | - | - | ● |

GENERAL NOTES

- A THESE NOTES APPLY EQUALLY TO THE FULL SET OF DOCUMENTS.
- B SITE VISIT(S) SHALL BE AS OUTLINED IN PROJECT SPECIFICATIONS.
- C ALL PIPING IS ABOVE THE CEILING (AT THE UNDERSIDE OF STRUCTURE IN EXPOSED STRUCTURE AREAS), UNLESS OTHERWISE NOTED.
- D REFER TO SCHEDULES, DETAILS AND DIAGRAMS FOR PIPING, PIPE SIZES AND PIPELINE DEVICES NOT INDICATED ON THE FLOOR PLAN.
- E ABOVE CEILING UTILITY SPACE IS LIMITED. COORDINATION WITH ALL TRADES IS CRITICAL PRIOR TO INSTALLATION OF ANY WORK.
- F EXISTING CONDITIONS SHOWN HAVE BEEN BASED UPON AVAILABLE DRAWING INFORMATION, AND MAY BE AT VARIANCE WITH ACTUAL WORK IN PLACE. THE CONTRACTOR SHALL TAKE ALL NECESSARY FIELD MEASUREMENTS AND FIELD VERIFY ALL CONDITIONS AFFECTING THE EXECUTION OF THE WORK. ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THE WORK SHOWN ON THE CONTRACT DOCUMENTS WHICH MAY IMPACT THE PROGRESS OF THE WORK SHALL BE BROUGHT TO THE ATTENTION OF THE COR IN WRITING FOR RESOLUTION BEFORE PROCEEDING WITH THE WORK.
- G ALL PIPING INDICATED TO BE REMOVED SHALL BE REMOVED BACK TO ACTIVE MAINS AND CAPPED, OR REMOVED BACK TO POINTS OF CONNECTION OF NEW WORK. INACCESSIBLE PIPING, WHERE SO NOTED, TO BE ABANDONED SHALL BE DISCONNECTED FROM ACTIVE MAINS AND CAPPED OR PLUGGED IN CONCEALED LOCATIONS.
- H NEW CONNECTIONS TO EXISTING PIPING SHALL BE WITH THE SAME SIZE AS THE EXISTING PIPING UNLESS OTHERWISE NOTED.
- I ALL REMOVED MATERIAL AND EQUIPMENT SO DESIGNATED BY THE COR, SHALL BE TURNED OVER AND PLACED WHERE DIRECTED. ALL MATERIAL AND EQUIPMENT, WHICH THE COR DOES NOT WISH TO RETAIN, SHALL BECOME THE PROPERTY OF THE CONTRACTOR RESPONSIBLE FOR THE REMOVAL.
- J REFER TO THE ARCHITECTURAL PLANS FOR PROJECT PHASING REQUIREMENTS.
- K ANNULAR SPACE OF ALL PIPE, CONDUIT, DUCT & OTHER SIMILAR PENETRATIONS OF FIRE RATED ASSEMBLIES SHALL BE FIRESTOPPED. IN ADDITION, PENETRATIONS THROUGH CHIMNEY RATED WALLS & FLOORS SHALL BE FIRESTOPPED TO RETARD PASSAGE OF FIRE AND SMOKE.
- L THE CONTRACT DRAWINGS ARE NOT INTENDED TO SHOW EVERY VERTICAL OR HORIZONTAL OFFSET WHICH MAY BE NECESSARY TO COMPLETE THE SYSTEMS. COORDINATE WORK IN ADVANCE WITH ALL OTHER TRADES AND REPORT IMMEDIATELY ANY DIFFICULTIES WHICH CAN BE ANTICIPATED.
- M FIELD VERIFY EXISTING CONDITIONS, INCLUDING PIPE SIZES, SERVICES AND LOCATIONS PRIOR TO PERFORMING WORK.
- N ALL CUTTING AND PATCHING REQUIRED FOR THIS PROJECT SHALL BE INCLUDED IN THE CONTRACT. REFINISH ANY SURFACE DISTURBED UNDER THIS WORK TO MATCH EXISTING.
- O WHERE ROOFING WORK IS REQUIRED, THE EXISTING ROOFING MEMBRANE AND INSULATION SHALL BE CUT, REMOVED AND RESTORED AS REQUIRED TO ATTAIN A WATERTIGHT CONDITION. THE ROOFING SUB-CRONTACTOR SHALL BE A CERTIFIED INSTALLER FOR SUCH INSTALLATION TO MAINTAIN THE EXISTING WARRANTY ON THE ROOF.

LEGEND

| | | | |
|--------|---|--------|--------------------------------------|
| G.C. | GENERAL CONTRACTOR | ⊗ | "CONNECT TO EXISTING" SYMBOL |
| P.C. | PLUMBING CONTRACTOR (DIV 22) | SS | SANITARY STACK (SOIL/WASTE) |
| F.P.C. | FIRE PROTECTION CONTRACTOR (DIV 21) | SR | SUPPLY RISER |
| H.C. | HVAC CONTRACTOR (DIV 23) | VR | VENT RISER |
| E.C. | ELECTRICAL CONTRACTOR (DIV 26) | CO | CLEANOUT |
| --- | SOIL AND OR WASTE PIPE (SP OR WP) | DS | DOWNSPOUT |
| --- | KITCHEN WASTE PIPE | FD1 | FLOOR DRAIN |
| --- | PUMPED DISCHARGE PIPE | EM | EMERGENCY FIXTURE (EXISTING) |
| --- | PROPANE GAS PIPE | DF | DRINKING FOUNTAIN (EXISTING) |
| --- | VENT PIPE | SK | SINK (EXISTING) |
| --- | DOMESTIC COLD WATER PIPE (DCW) | UR | URINAL (EXISTING) |
| --- | DOMESTIC HOT WATER PIPE (DHW) | WC | WATER CLOSET (EXISTING) |
| --- | DOMESTIC HOT WATER RETURN PIPE (DHW-R) | LV | LAVATORY (EXISTING) |
| --- | SOFTENED DOMESTIC COLD WATER PIPE | HR | HOSE REEL (EXISTING) |
| --- | SHUT-OFF VALVE (BALL) | COR | CONTRACTING OFFICER'S REPRESENTATIVE |
| --- | COMBINATION BALANCING & SHUT OFF VALVE | 123 | ROOM NUMBER |
| --- | CHECK VALVE | P418 | PLUMBING FIXTURE DESIGNATION |
| --- | EXISTING PIPE TO REMAIN | K8 | KITCHEN EQUIPMENT |
| --- | EXISTING PIPE TO BE REMOVED | F.F.E. | FINISHED FLOOR ELEVATION |
| --- | DROP OR RISE | Ⓟ | DETAIL B SHOWN ON SHEET 411P001 |
| --- | CONNECTION OUT OF TOP | Ⓟ | |
| --- | CONNECTION OUT OF BOTTOM | Ⓟ | |
| --- | UP TO FIXTURE ABOVE | Ⓟ | |
| --- | DIRECTION OF FLOW | Ⓟ | |
| --- | "NOTE" SYMBOL (FOR NOTES ON SAME SHEET) | Ⓟ | |

FIXTURE SCHEDULE

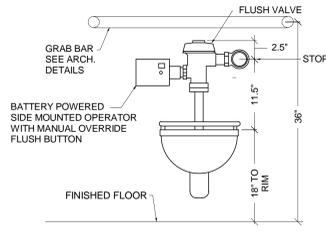
| SYMBOL | MOUNTING HEIGHT | DESCRIPTION | FLOW | | FIXTURE UNITS | | | SUPPLY | | | DRAINAGE CONNECTION | | | REMARKS |
|--------|-----------------|--|------|------|---------------|-----------|-------|--------|-------|----------|---------------------|--------|----------|---|
| | | | GPM | GPF | DRAINS | WATER C/H | COLD | HOT | TEPID | OUTLET | VENT | DIRECT | INDIRECT | |
| P103 | 18" TO RIM | WATER CLOSET/WALL HUNG/ELONGATED BOWL/ADA | | 1.28 | 4 | 5'- | 1' | - | - | 4" | 2" | ● | - | BATTERY POWERED/SENSOR OPERATED |
| P201 | 17" TO RIM | URINAL/WALL HUNG/ADA | | 0.5 | 4 | 5'- | 0.75" | - | - | 2" | 1.5" | ● | - | BATTERY POWERED/SENSOR OPERATED |
| P418 | 34" TO RIM | LAVATORY/WALL HUNG/20"x18"/ADA/NON-AERATED FLOW | 0.5 | | 1 | 0.6/0.6 | 0.5" | 0.5" | - | 1.5" | 1.5" | ● | - | SENSOR OPERATED/GOOSENECK SPOUT/LAV SHIELD |
| P419 | - | LAVATORY/C/TOP/19" DIAMETER/ADA/NON-AERATED FLOW | 0.5 | | 1 | 0.6/0.6 | 0.5" | 0.5" | - | 1.5" | 1.5" | ● | - | SENSOR OPERATED/GOOSENECK SPOUT/ADA COVERS |
| P505 | FLOOR SET | MOP SINK/24"x24"x12/6" DROP FRONT/TERRAZZO | | | 3 | 2.25/2.25 | 0.5" | 0.5" | - | 3" | 1.5" | ● | - | PAIL HOOK FAUCET/VACUUM BREAKER/CROSS HANDLES |
| P524 | - | SINK/STAINLESS STEEL/C/TOP/TWO COMP/25"x19.5" | 1.5 | | 1 | 0.5/0.5 | 0.5" | 0.5" | - | (2) 1.5" | 1.5" | ● | - | SINGLE HANDLE/GOOSENECK SPOUT |
| P609 | 36" TO SPOUT | WATER COOLER/DRINKING FOUNTAIN/ADA | | | 0.5 | 0.5'- | 0.5" | - | - | 1.5" | 1.5" | ● | - | SINGLE HEIGHT/WALL MOUNTED |
| P701 | 44" VALVE | SHOWER VALVE & HEAD ASSEMBLY/SHOWER BY G.C./ADA | 1.5 | 2 | 0.5/0.5 | 0.5" | 0.5" | - | - | 2" | 1.5" | ● | - | THERMOSTATIC/PRESS. BALANCING/HAND HELD HOSE |
| P706 | SEE SPECS | EMERGENCY EYE/FACEWASH/WALL HUNG | | | 1 | 3/3 | - | - | 0.5" | 1.5" | 1.5" | ● | - | EMERGENCY EQUIPMENT/TEPID WATER TO FIXTURE |
| P707 | SEE SPECS | EMERGENCY SHOWER/EYE/FACEWASH/FREE STANDING | | | 1 | 6/6 | - | - | 1.25" | 1.5" | 1.5" | ● | - | EMERGENCY EQUIPMENT/TEPID WATER TO FIXTURE |

FIXTURE SCHEDULE NOTES:
 1. DO NOT USE AERATORS ON LAVATORY AND SINK FAUCETS. USE NON-AERATED FLOW DEVICES ONLY.
 2. SUPPLY PIPE SIZES IN THIS SCHEDULE ARE FIXTURE CONNECTION SIZES. DCW SUPPLY PIPE SIZES SERVING FLUSH VALVES SHALL BE A MINIMUM ONE PIPE SIZE LARGER THAN THE INDICATED CONNECTION SIZE, OR AS SIZED AS SHOWN ON THE FLOOR PLANS. PIPING AT THE FLUSH VALVE CONNECTION, OF A SIZE EQUAL TO THE CONNECTION SIZE, SHALL BE LIMITED TO A MAXIMUM 2 FEET IN DEVELOPED LENGTH AND INCLUDE A MAXIMUM ONE 90 DEGREE ELBOW FITTING. FULL SIZE MANIFOLDS, WHERE INDICATED ON THE FLOOR PLANS, SHALL BE PROVIDED FULL SIZE THE LENGTH OF THE PIPING CHASE AND TERMINATED WITH A FULL SIZE CAP.

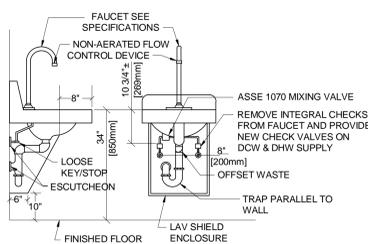
KITCHEN EQUIPMENT

| MARK | DESCRIPTION | SUPPLY & WASTE TRIM | | SUPPLY | | WASTE & VENT | | WASTE SYSTEM | | REFER TO EQUIPMENT SCHEDULE NOTES |
|------|--|---------------------|---------------|--------|----------------|-----------------|----------------|--------------|---------------|-----------------------------------|
| | | BALL VALVE | NICKEL BRONZE | D.C.W. | D.H.W. (H/P/F) | WASTE - MINIMUM | VENT - MINIMUM | SANITARY | KITCHEN WASTE | |
| K5 | BLAST CHILLER / SHOCK FREEZER | - | - | - | - | 1.25" | 1.25" | 1.25" | - | - |
| K21 | UTILITY DISTRIBUTION SYSTEM | - | - | 0.5" | - | - | - | - | - | - |
| K23 | COMBI OVEN / STEAMER (STACKED - 2 REQ'D) | - | - | 0.75" | 0.5" | 2" | 2" | 2" | - | 1.2, 7.8 |
| K24 | COMBI OVEN / STEAMER (STACKED - 2 REQ'D) | - | - | 0.75" | 0.5" | 2" | 2" | 2" | - | 1.2, 7.8 |
| K25 | MINI-ROTATING RACK BAKERY OVEN | - | - | 0.5" | - | 1.5" | 1.5" | 1.5" | - | 1.2, 8 |
| K27 | 40 GALLON TILT SKILLET (MODULAR ELECTRICAL TILTING BRAISING PAN) | - | - | 0.5" | - | 2" | 2" | 2" | - | 2.8 |
| K28 | 40 GALLON TILT KETTLE (MODULAR ELECTRICAL TILTING BRAISING PAN) | - | - | 0.5" | - | 2" | 2" | 2" | - | 2.8 |
| K29 | 20 GALLON TILT KETTLE/STAND | - | - | 0.5" | - | 1.5" | 1.5" | 1.5" | - | 2.8 |
| K30 | 20 GALLON TILT KETTLE/STAND | - | - | 0.5" | - | 1.5" | 1.5" | 1.5" | - | 2.8 |
| K36 | INGREDIENT CONTROL PREP COUNTER/SINK | - | - | 0.75" | 0.5" | 2" | 2" | 2" | - | - |
| K37 | VEGETABLE PREP WORKTABLE/SINK | - | - | 0.75" | 0.5" | 2" | 2" | 2" | - | 5 |
| K40 | VEGETABLE PREP WORKTABLE/SINK | - | - | 0.5" | 0.5" | 2" | 2" | 2" | - | - |
| K41 | COLD / DESSERT PREP WORKTABLE/SINK | - | - | 0.75" | 0.5" | 2" | 2" | 2" | - | 5 |
| K60 | MOBILE BAGGING / VACUUM SEALER | - | - | 0.5" | - | 1.5" | 1.5" | 1.5" | - | 2.8 |
| K61 | MEAT PACKING / VACUUM SEALER | - | - | 0.5" | - | 1.5" | 1.5" | 1.5" | - | 2.8 |
| K66 | HOT WATER DISPENSER | - | - | 0.5" | 0.5" | 0.75" | 0.75" | 0.75" | - | 4 |
| K67 | ICE MAKER W/DISPENSER | - | - | 0.5" | 0.5" | 0.75" | 0.75" | 0.75" | - | 4 |
| K68 | TRAY MAKE-UP SERVICE EQUIPMENT | - | - | 0.5" | 0.5" | 0.75" | 0.75" | 0.75" | - | 4 |
| K71 | HERO'S CAFE PREP COUNTER/SINK | - | - | 0.5" | 0.5" | 2" | 2" | 2" | - | - |
| K76 | COOK & HOLD OVEN | - | - | 0.5" | - | 2" | 2" | 2" | - | 4 |
| K77 | COUNTERTOP COMBI OVEN / STEAMER | - | - | 0.75" | 0.5" | 1.5" | 1.5" | 1.5" | - | 1 |
| K91 | FIVE-WELL HOT FOOD COUNTER | - | - | 0.75" | 0.5" | 0.75" | 0.75" | 0.75" | - | - |
| K92 | REFRIGERATED TRAY MAKE-UP TABLE | - | - | 0.75" | 0.5" | 0.75" | 0.75" | 0.75" | - | - |
| K96 | GARBAGE DISPOSAL SYSTEM | - | - | 0.5" | - | 2" | 2" | 3" | 1.5" | 6 |
| K97 | GARBAGE DISPOSAL SYSTEM | - | - | 0.5" | - | 2" | 2" | 3" | 1.5" | 6 |
| K98 | GARBAGE DISPOSAL SYSTEM | - | - | 0.5" | - | 2" | 2" | 3" | 1.5" | 6 |
| K99 | REMOTE WASTE PULPER | - | - | 0.75" | 0.5" | 1.5" | 1.5" | 1.5" | - | 10 |
| K100 | REMOTE WASTE HYDRA - EXTRACTOR | - | - | 0.75" | 0.5" | 2" | 2" | 2" | - | 10 |
| K101 | COMPOSTABLE WASTE DEHYDRATOR | - | - | 0.75" | 0.5" | 2" | 2" | 2" | - | 10 |
| K106 | SOILED TRAY CONVEYOR | - | - | 0.75" | 0.5" | 2" | 2" | 2" | - | - |
| K107 | POWERWASH SOAK SINK | - | - | 0.5" | 0.5" | 2" | 2" | 2" | - | - |
| K108 | SILVERWARE SOAK SINK | - | - | 0.75" | 0.5" | 0.75" | 0.75" | 0.75" | - | - |
| K110 | THREE COMPARTMENT SINK | - | - | 0.75" | 0.5" | 2" | 2" | 2" | 1.5" | 3 |
| K117 | FLIGHT-TYPE DISH MACHINE | - | - | 1" | 1" | 0.75" | 0.75" | 0.75" | - | 4 |
| K119 | WALL MOUNTED POWER WASH | - | - | 0.75" | - | - | - | - | - | - |
| K120 | WALL MOUNTED POWER WASH | - | - | 0.75" | - | - | - | - | - | - |
| K121 | WALL MOUNTED HOSE REEL (EXISTING RELOCATED) | - | - | 0.75" | 0.5" | - | - | - | - | - |

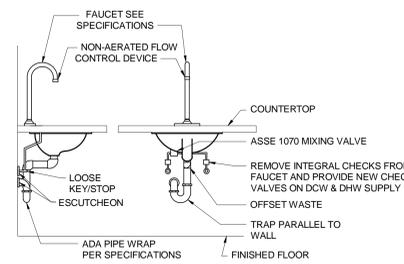
KITCHEN EQUIPMENT NOTES:
 1. INSTALL BLENDED WATER FILTER SYSTEM PROVIDED BY KITCHEN EQUIPMENT CONTRACTOR (K.E.C.) AND EXTEND DCW THRU FLOOR TO EQUIPMENT. COORDINATE EXACT LOCATION OF FILTER SYSTEM WITH K.E.C.
 2. EQUIPMENT SUPPLIED FROM K21 UTILITY DISTRIBUTION SYSTEM. REFER TO ADDITIONAL UTILITY DISTRIBUTION SYSTEM NOTES ON SHEET 4110F502.
 3. EXTEND 2" DRAIN FROM WASH & RINSE COMPARTMENT TO DIRECT DRAIN AND 2" DRAIN FROM SANITIZE COMPARTMENT INDIRECT TO FLOOR DRAIN.
 4. EXTEND DCW THRU WATER FILTER PROVIDED BY K.E.C.
 5. VENT RISER IN STAINLESS STEEL CHASE - CHASE BY K.E.C.
 6. EXTEND DCW THRU K.E.C. SUPPLIED SOLENOIDS & VACUUM BREAKER TO DISPOSAL.
 7. CONNECTORS INDICATED ARE FOR EACH UNIT (2 UNITS REQUIRED).
 8. ALL ADAPTORS, CONNECTORS, INCREASERS, REDUCERS, ETC. REQUIRED TO CONNECT EQUIPMENT HOSES TO UTILITY DISTRIBUTION SYSTEM SHALL BE BY DIVISION 22.
 9. ALL FLEXIBLE HOSE CONNECTORS WITH QUICK DISCONNECTS PROVIDED BY THE K.E.C. SHALL BE INSTALLED BY DIVISION 22.
 10. REFER TO SHEET 4110F504 FOR ALL INTERCONNECTING PIPING AND ADDITIONAL INFORMATION.



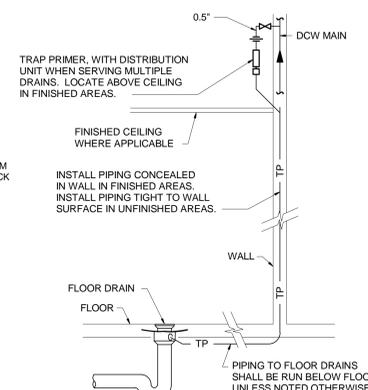
P103 WATER CLOSET



P418 WALL HUNG LAVATORY

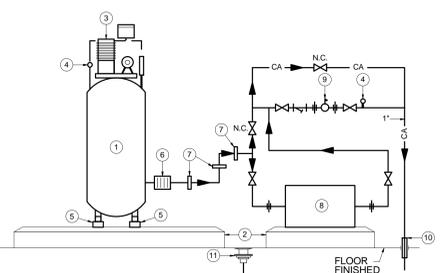


P419 COUNTERTOP LAVATORY



TRAP PRIMER

| Sheet Number | Sheet Name |
|--------------|--|
| 411P001 | LEGEND, SCHEDULE, DETAILS, NOTES AND INDEX |
| 411P002 | SITE PLAN |
| 411PD100 | LOWER LEVEL PLAN - REMOVALS |
| 411PD101 | FIRST FLOOR PLAN - REMOVALS |
| 411PP099 | FOUNDATION PLAN |
| 411PP100 | LOWER LEVEL PLAN |
| 411PP101 | FIRST FLOOR PLAN |
| 411P400 | ENLARGED LOWER LEVEL PLAN |
| 411P401 | ENLARGED FIRST FLOOR PLAN |
| 411P901 | SOIL, WASTE & VENT - OFFICE AREA |
| 411P902 | SOIL, WASTE & VENT - KITCHEN AREA |



NOTES

- 1 AIR COMPRESSOR - DUPLEX, 5 HP, 208 V, 3 PHASE (Y2) CAPACITY, 17.3 INLET CFM @ 100 PSIG WITH INTEGRALLY MOUNTED VERTICALLY, ASME STAMPED, CORROSION RESISTANT 80 GALLON RECEIVER RATED FOR A MINIMUM 150 PSIG DESIGN PRESSURE. SYSTEM SHALL BE BASE MOUNTED WITH A SINGLE POINT CONNECTION.
- 2 EXISTING CONCRETE PAD TO REMAIN.
- 3 AIR COMPRESSOR TANK.
- 4 PRESSURE GAUGE (1-125 PSI)
- 5 VIBRATION ISOLATORS
- 6 FLEXIBLE CONNECTOR
- 7 ANCHOR TO BUILDING STRUCTURE OR WALL.
- 8 1/8 HP REFRIGERATED AIR DRYER 120/160.
- 9 PRESSURE REGULATING VALVE.
- 10 EXISTING PIPE SLEEVE THRU FLOOR SLAB TO REMAIN.
- 11 EXISTING FLOOR DRAIN TO REMAIN.

AIR COMPRESSOR

FULLY SUPPRESSED

| | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|
| CONSULTANTS: JOHN DOE ARCHITECTS REITANO DESIGN GROUP THE KLEINGERS GROUP | | HEAPY PROJECT No: 2013-04002 ARCHITECT/ENGINEERS: Heapy Engineering Mechanical Electrical Commissioning Technology Nationally Recognized Leader in Sustainability / LEED 1400 W Dorothy Lane, Dayton OH 45409-1310 Ph: 937-224-0861 Fax: 937-224-5777 www.heapy.com | | Drawing Title LEGEND, SCHEDULE, DETAILS, NOTES AND INDEX | | Project Title Correct Deficiencies Patient Kitchen | | Project No. VA Project No. 552-14-102 JPA Project No. 13001.00 | | Office of Construction and Facilities Management Department of Veterans Affairs | |
| Revisions: _____ Date: _____ | | Firm License No.: 01528 | | Approved: Project Director | | Location Dayton, OH | | Building Number B411 | | Drawing Number 411P001 | |
| | | | | | | Date 05/30/2014 | | Checker RLT | | Drawn DPB/RLC | |

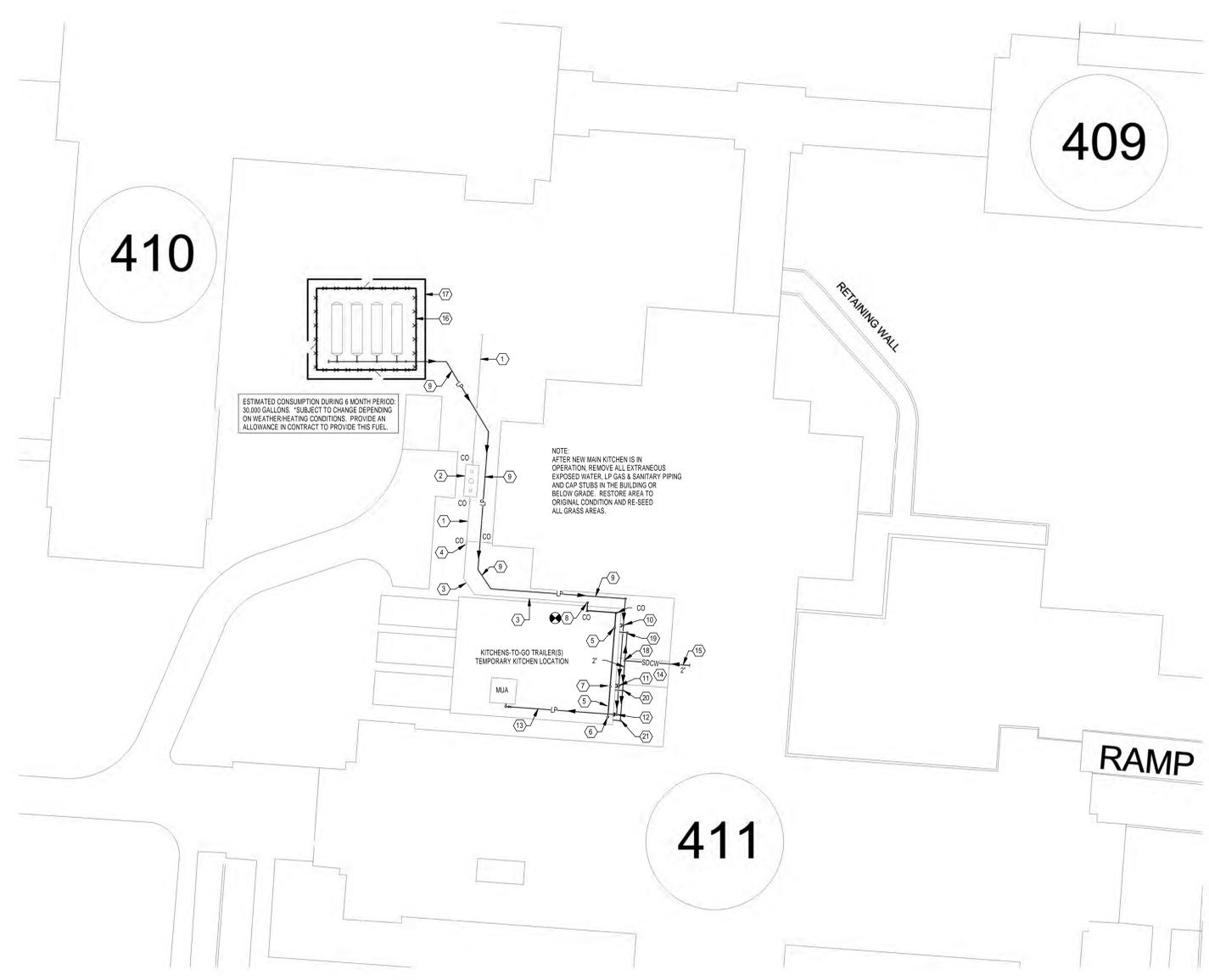
A three inches = one foot
 B one and one-half inches = one foot
 C one inch = one foot
 D three-quarters inch = one foot
 E one-half inch = one foot
 F three-eighths inch = one foot
 one-quarter inch = one foot
 one-eighth inch = one foot

GENERAL NOTES

A REFER TO SHEET 411P001 FOR LEGEND, SCHEDULE, NOTES, DETAILS AND DRAWING INDEX.

PLAN NOTES

- EXISTING SANITARY PIPING LOCATED IN GRADE TO REMAIN.
- NEW KITCHEN GREASE INTERCEPTOR BY OTHERS. REFER TO CIVIL ENGINEERING DRAWINGS.
- NEW 4" SANITARY PIPING LOCATED IN GRADE BY OTHERS. REFER TO CIVIL ENGINEERING DRAWINGS.
- CONNECTION TO EXISTING 6" KITCHEN WASTE PIPING LOCATED IN GRADE BY OTHERS. REFER TO CIVIL ENGINEERING DRAWINGS.
- 3" KITCHEN WASTE DRAIN CONNECTION. PROVIDE SELF-REGULATING HEAT TRACE ON ALL PIPING LOCATED ABOVE GRADE. REFER TO KITCHENS-TO-GO (K-T-G) PLAN FOR EXACT LOCATION OF CONNECTION POINT.
- 4" SANITARY DRAIN CONNECTION. PROVIDE SELF-REGULATING HEAT TRACE ON ALL PIPING LOCATED ABOVE GRADE. REFER TO TEMPORARY MOBILE KITCHEN PLAN FOR EXACT LOCATION OF CONNECTION POINT.
- EXTEND NEW 4" KITCHEN WASTE MAIN BELOW TEMPORARY MOBILE KITCHEN TO SERVE SANITARY DRAIN CONNECTIONS. PROVIDE PIPE INSULATION PER 22.07.11, SECTION 3.4 AND SELF-REGULATING HEAT TRACE ON ALL PIPING LOCATED ABOVE GRADE. REFER TO TEMPORARY MOBILE KITCHEN PLAN FOR EXACT LOCATIONS OF CONNECTION POINTS.
- DROP NEW 4" KITCHEN WASTE MAIN PIPING TO CONNECTION POINT AT GRADE PROVIDED BY OTHERS. REFER TO CIVIL ENGINEERING DRAWINGS. PROVIDE SELF-REGULATING HEAT TRACE ON ALL PIPING LOCATED ABOVE GRADE.
- 1.5" HIGH PRESSURE LP GAS PIPING PER MANUFACTURER'S INSTALLATION REQUIREMENTS. DIRECT BURY ENTIRE LENGTH OF PIPING IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS. REMOVE WHEN TEMPORARY TRAILER(S) AND PIPING ARE REMOVED.
- 1.5" LP GAS CONNECTION HIGH UP ON TEMPORARY MOBILE KITCHEN. PROVIDE REGULATOR & MANIFOLD TO DELIVER 995,200 BTUH LP GAS @ 13" W.C. AT POINT OF CONNECTION.
- 1" LP GAS CONNECTION HIGH UP ON TEMPORARY MOBILE KITCHEN. PROVIDE REGULATOR & MANIFOLD TO DELIVER 274,000 BTUH LP GAS @ 13" W.C. AT POINT OF CONNECTION.
- 2.5" LP GAS CONNECTION HIGH UP ON TEMPORARY MOBILE KITCHEN. PROVIDE REGULATOR & MANIFOLD TO DELIVER 1,860,000 BTUH LP GAS @ 13" W.C. AT POINT OF CONNECTION.
- EXTEND 1.5" LP GAS PIPING ON ROOF OF TEMPORARY MOBILE KITCHEN TO SERVE MOBILE KITCHEN SUPPLIED MUA LOCATED ON ROOF. REFER TO TEMPORARY MOBILE KITCHEN PLANS FOR EXACT CONNECTION LOCATION.
- TEMPORARY STICK-FRAMED CONNECTOR BY OTHERS.
- 2" SOFTENED DOMESTIC COLD WATER CONDT ON SHEET 411P001.
- FOUR (4) TEMPORARY 1,000 GALLON PROPANE TANKS ENCOMPASSED BY 6'-0" HIGH CHAIN LINK FENCE WITH TWO (2) GATES. SET TANKS ON LEVEL GROUND WITH GRAVEL ON GRADE.
- SUPPLY, INSTALL AND MAINTAIN INTER-CONNECTED WATER-FILLED LONGITUDINAL CHANNELING BARRICADES PER DAWGCO SECTION 8P-86. BARRICADE IS TO MEET THE FPNR NCHRP 390 TL-2 STANDARD FOR LONGITUDINAL, RE-DIRECTIVE BARRIER. THE BARRIER SHALL BE A HIGHLY PORTABLE AND CRASHWORTHY LONGITUDINAL BARRIER AND SHALL ACT AS ITS OWN CRASHWORTHY END TREATMENT.
- DROP 2" SOFTENED DOMESTIC COLD WATER OUT OF TEMPORARY CONNECTOR AND EXTEND 2" MANIFOLD TO SERVE TEMPORARY MOBILE KITCHEN DOMESTIC WATER CONNECTIONS. PROVIDE SELF-REGULATING HEAT TRACE ON ALL ABOVE GRADE PIPING OUTSIDE THE MAIN BUILDING.
- 1.5" SOFTENED DOMESTIC COLD WATER CONNECTION TO TEMPORARY MOBILE KITCHEN. PROVIDE SELF-REGULATING HEAT TRACE ON ALL EXPOSED ABOVE GRADE PIPING.
- 1" SOFTENED DOMESTIC COLD WATER CONNECTION TO TEMPORARY MOBILE KITCHEN. PROVIDE SELF-REGULATING HEAT TRACE ON ALL EXPOSED ABOVE GRADE PIPING.
- 1" SOFTENED DOMESTIC COLD WATER CONNECTION TO TEMPORARY MOBILE KITCHEN. PROVIDE SELF-REGULATING HEAT TRACE ON ALL EXPOSED ABOVE GRADE PIPING.



TYPICAL K-T-G INSTALLATION



TYPICAL K-T-G INSTALLATION



EXISTING DOCK AREA



EXISTING DOCK AREA

Site Plan
 Scale: 1" = 20'-0"

FULLY SUPPRESSED

| | | | | | | | | | | | | | | | |
|-------------------|-------------------------|--|--|-----------------------------------|------------------------|---|--|----------------------------|----------------------------|---|--------------------|--|---------------------------|--|---------|
| Revisions Date | CONSULTANTS: | | | HEAPY PROJECT No.: 2013-04002 | | ARCHITECT/ENGINEERS: 1400 W Dorothy Lane, Dayton OH 45409-1310 Ph: 937-224-0861 Fax: 937-224-5777 www.heapy.com | | Drawing Title SITE PLAN | | Project Title Correct Deficiencies Patient Kitchen | | Project No. VA Project No. 552-14-102 JPA Project No. 13001.00 | | Office of Construction and Facilities Management Department of Veterans Affairs | |
| | Building Number B411 | | | | Location Dayton, OH | | | | Approved: Project Director | | Date 05/30/2014 | | Drawing Number 411P002 | | Dwg. of |

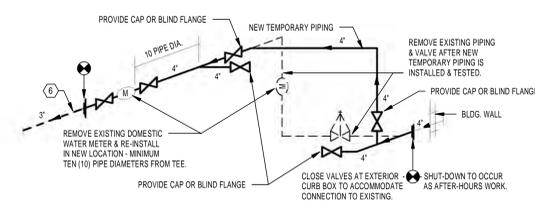
three inches = one foot
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GENERAL NOTES

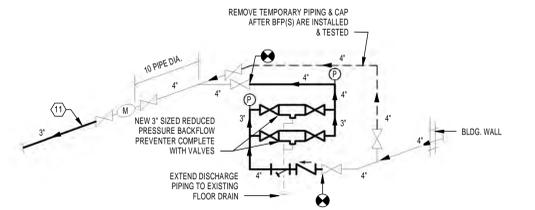
A REFER TO SHEET 411PD01 FOR LEGEND, SCHEDULE, NOTES, DETAILS AND DRAWING INDEX.

PLAN NOTES

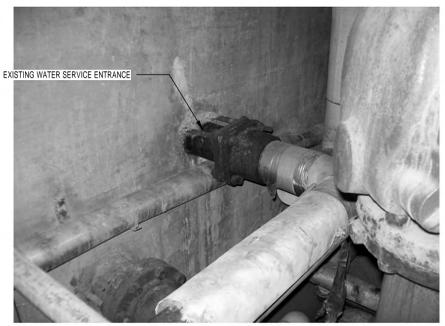
- EXISTING TO REMAIN.
- REMOVE EXISTING FIXTURE OR ITEM OF EQUIPMENT (TYPE AS INDICATED) AND ALL EXTRANEOUS PIPING BACK TO MAIN OR POINT OF NEW CONNECTION. CAP PIPING IN WALLS WHERE WALLS ARE TO REMAIN OR ABOVE CEILING OR BELOW FLOOR SLAB WHERE WALLS ARE TO BE REMOVED. NO PIPE STUBS SHALL REMAIN VISIBLE IN FINISHED AREAS.
- REMOVE EXISTING PIPING (SIZE AS INDICATED).
- REMOVE EXISTING FLOOR DRAIN STRAINER, PLUG PIPING, AND INFILL WITH CONCRETE TO FLUSH WITH FINISHED FLOOR SLAB.
- REMOVE EXISTING 0.25" CA CONNECTION TO EXISTING KITCHEN EQUIPMENT AND ALL EXTRANEOUS PIPING BACK TO ACTIVE MAIN OR POINT OF NEW CONNECTION.
- REMOVE EXISTING 3" DCW BACK TO POINT OF NEW CONNECTION AFTER PARALLEL DCW MAIN IS INSTALLED, TESTED, INSPECTED, AND IS OPERATIONAL.
- EXISTING GREASE INTERCEPTOR. REFER TO CIVIL DRAWINGS.
- REMOVE EXISTING DCW, DHW & DHWR MAINS (SIZES AS INDICATED) AFTER NEW DCW, DHW, & DHWR PARALLEL MAINS HAVE BEEN INSTALLED, TESTED, INSPECTED AND ARE COMPLETELY OPERATIONAL. REFER TO SHEET 411PD100 FOR NEW WORK.
- REMOVE EXISTING DCW, DHW & DHWR MAINS (SIZES AS INDICATED) AFTER NEW DCW, DHW, & DHWR PARALLEL MAINS HAVE BEEN INSTALLED, TESTED, INSPECTED AND ARE COMPLETELY OPERATIONAL. REFER TO SHEET 411PD100 FOR NEW WORK.
- REMOVE EXISTING DCW, DHW & DHWR MAINS (SIZES AS INDICATED) AFTER NEW DCW, DHW, & DHWR PARALLEL MAINS HAVE BEEN INSTALLED, TESTED, INSPECTED AND ARE COMPLETELY OPERATIONAL. REFER TO SHEET 411PD100 FOR NEW WORK.
- REMOVE EXISTING DCW, DHW & DHWR MAINS (SIZES AS INDICATED) AFTER NEW DCW, DHW, & DHWR PARALLEL MAINS HAVE BEEN INSTALLED, TESTED, INSPECTED AND ARE COMPLETELY OPERATIONAL. REFER TO SHEET 411PD100 FOR NEW WORK.
- REMOVE EXISTING DCW, DHW & DHWR MAINS (SIZES AS INDICATED) AFTER NEW DCW, DHW, & DHWR PARALLEL MAINS HAVE BEEN INSTALLED, TESTED, INSPECTED AND ARE COMPLETELY OPERATIONAL. REFER TO SHEET 411PD100 FOR NEW WORK.
- REMOVE EXISTING DCW, DHW & DHWR MAINS (SIZES AS INDICATED) AFTER NEW DCW, DHW, & DHWR PARALLEL MAINS HAVE BEEN INSTALLED, TESTED, INSPECTED AND ARE COMPLETELY OPERATIONAL. REFER TO SHEET 411PD100 FOR NEW WORK.
- REMOVE EXISTING DCW, DHW & DHWR MAINS (SIZES AS INDICATED) AFTER NEW DCW, DHW, & DHWR PARALLEL MAINS HAVE BEEN INSTALLED, TESTED, INSPECTED AND ARE COMPLETELY OPERATIONAL. REFER TO SHEET 411PD100 FOR NEW WORK.
- REMOVE EXISTING DCW, DHW & DHWR MAINS (SIZES AS INDICATED) AFTER NEW DCW, DHW, & DHWR PARALLEL MAINS HAVE BEEN INSTALLED, TESTED, INSPECTED AND ARE COMPLETELY OPERATIONAL. REFER TO SHEET 411PD100 FOR NEW WORK.



3 TEMPORARY WATER SERVICE
 Scale: N.T.S.



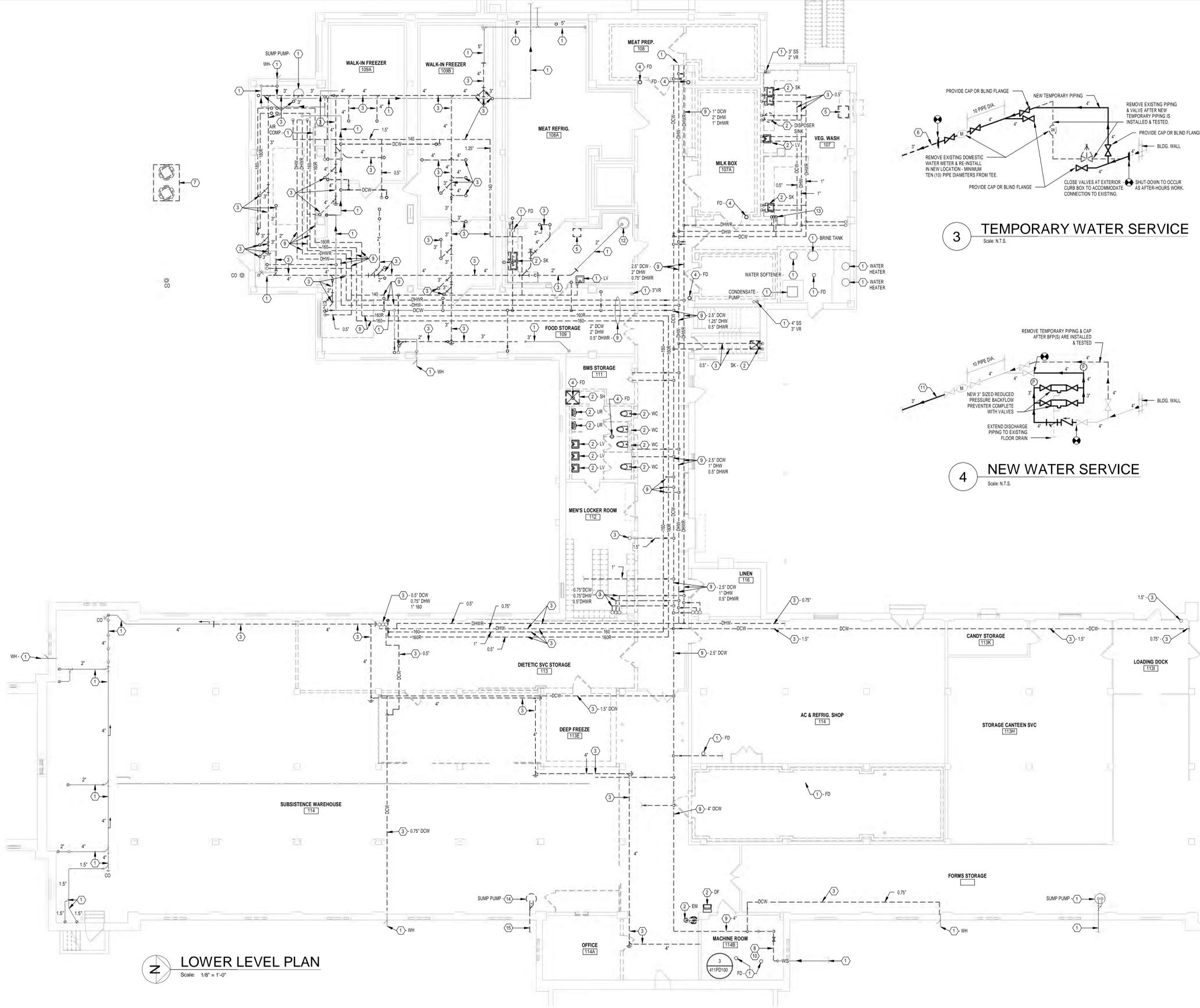
4 NEW WATER SERVICE
 Scale: N.T.S.



1 EXISTING WATER SERVICE ENTRANCE
 Scale: N.T.S.



2 EXISTING WATER SERVICE MAIN SHUT-OFF VALVE & METER
 Scale: N.T.S.

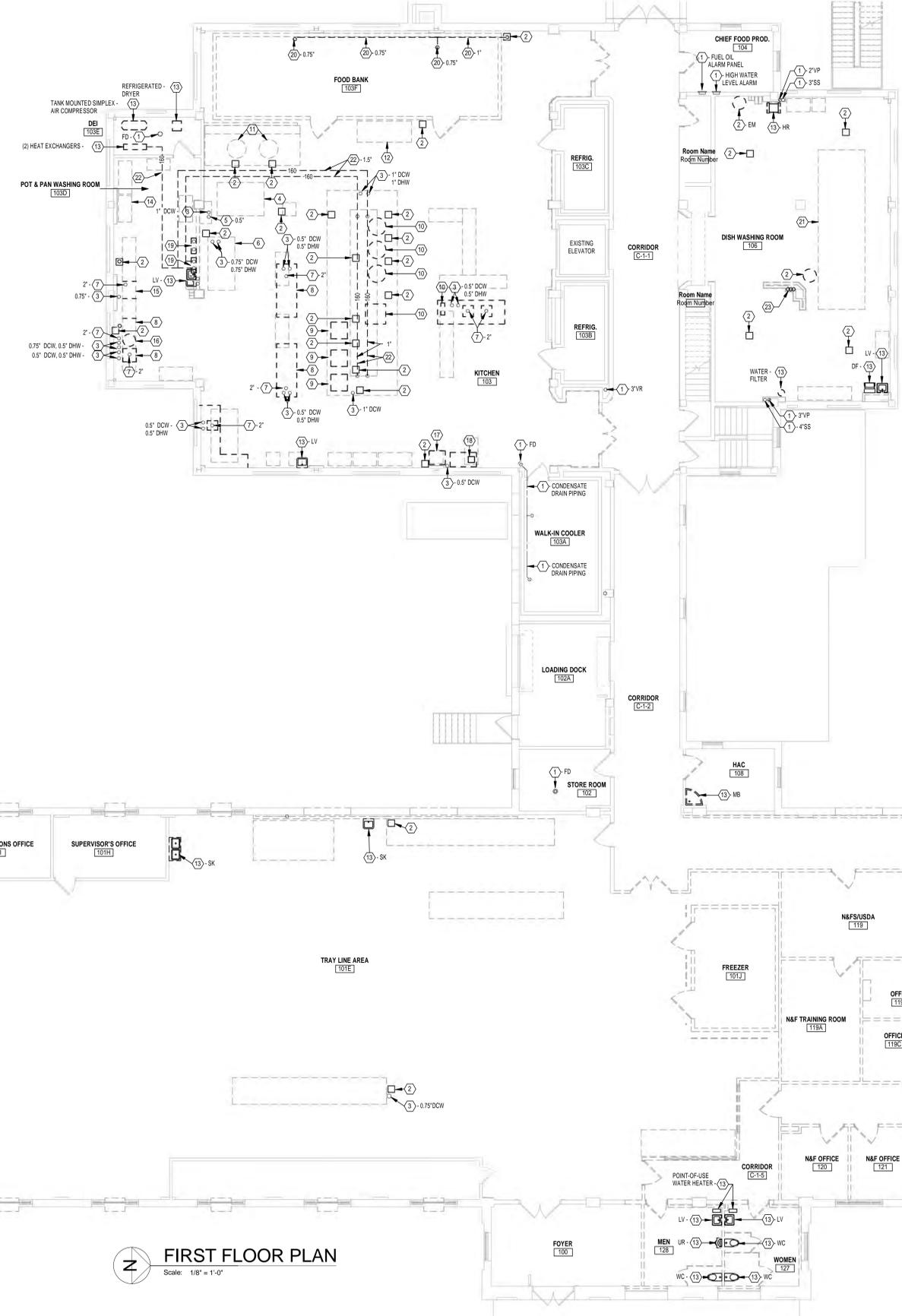


LOWER LEVEL PLAN
 Scale: 1/8" = 1'-0"

FULLY SUPPRESSED

| | | | | | |
|------------------|---|---|--|--|--|
| CONSULTANTS: | HEAPY PROJECT No.: 2013-04002 ARCHITECT/ENGINEERS: Mechanical Electrical Commissioning Technology Nationally Recognized Leader in Sustainability / LEED 1400 W Dorothy Lane, Dayton OH 45409-1310 Ph: 937-224-0861 Fax: 937-224-5777 www.heapy.com | Drawing Title LOWER LEVEL PLAN - REMOVALS | Project Title Correct Deficiencies Patient Kitchen | Project No. VA Project No. 552-14-102 JPA Project No. 13001.00 Building Number B411 Drawing Number 411PD100 Dwg. of | Office of Construction and Facilities Management Department of Veterans Affairs |
| | | | | | |

three inches = one foot
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 one-eighth inch = one foot



- GENERAL NOTES**
 A REFER TO SHEET 411P001 FOR LEGEND, SCHEDULE, NOTES, DETAILS AND DRAWING INDEX.
- PLAN NOTES**
- EXISTING TO REMAIN.
 - REMOVE EXISTING FLOOR DRAIN STRAINER, PLUG DRAIN OUTLET, & INFILL WITH CONCRETE TO FLUSH WITH FINISHED FLOOR AND REMOVE ALL EXTRANEOUS PIPING BACK TO ACTIVE MAIN OR POINT OF NEW CONNECTION.
 - REMOVE EXISTING DW AND/OR DHW PIPING CONNECTIONS (SIZE AS INDICATED) TO EXISTING KITCHEN EQUIPMENT AND ALL EXTRANEOUS PIPING BACK TO ACTIVE MAIN OR POINT OF NEW CONNECTIONS.
 - REMOVE EXISTING 0.75" DCW, 0.75" DHW, AND 1.5" WASTE CONNECTIONS TO EXISTING KITCHEN EQUIPMENT AND ALL EXTRANEOUS PIPING BACK TO ACTIVE MAIN OR POINT OF NEW CONNECTION.
 - REMOVE EXISTING CA PIPING CONNECTIONS (SIZE AS INDICATED) TO EXISTING KITCHEN EQUIPMENT AND ALL EXTRANEOUS PIPING BACK TO ACTIVE MAIN OR POINT OF NEW CONNECTION.
 - REMOVE EXISTING 1" DCW, 0.5" CA, AND 2" WASTE CONNECTIONS TO EXISTING KITCHEN EQUIPMENT AND ALL EXTRANEOUS PIPING BACK TO ACTIVE MAIN OR POINT OF NEW CONNECTION.
 - REMOVE EXISTING SANITARY DRAIN PIPING CONNECTIONS (SIZE AS INDICATED) TO EXISTING KITCHEN EQUIPMENT AND ALL EXTRANEOUS PIPING BACK TO ACTIVE MAIN OR POINT OF NEW CONNECTION.
 - REMOVE EXISTING 0.5" DCW, 0.5" DHW, AND 2" SANITARY DRAIN & VENT CONNECTIONS TO EXISTING KITCHEN EQUIPMENT AND ALL EXTRANEOUS PIPING BACK TO ACTIVE MAIN OR POINT OF NEW CONNECTION.
 - REMOVE EXISTING (2) 1" DRAIN & (2) 0.5" DCW CONNECTIONS TO EXISTING KITCHEN EQUIPMENT AND ALL EXTRANEOUS PIPING BACK TO ACTIVE MAIN OR POINT OF NEW CONNECTION.
 - REMOVE EXISTING 0.5" DCW & 0.5" DHW CONNECTIONS TO EXISTING KITCHEN EQUIPMENT AND ALL EXTRANEOUS PIPING BACK TO ACTIVE MAIN OR POINT OF NEW CONNECTION.
 - REMOVE EXISTING 0.75" DCW & 0.75" DRAIN CONNECTIONS TO EXISTING KITCHEN EQUIPMENT AND ALL EXTRANEOUS PIPING BACK TO ACTIVE MAIN OR POINT OF NEW CONNECTION.
 - REMOVE EXISTING 1" DRAIN CONNECTION TO EXISTING KITCHEN EQUIPMENT AND ALL EXTRANEOUS PIPING BACK TO ACTIVE MAIN OR POINT OF NEW CONNECTION.
 - REMOVE EXISTING PLUMBING FIXTURE OR ITEM OF EQUIPMENT (TYPE AS INDICATED) AND ALL EXTRANEOUS PIPING BACK TO ACTIVE MAIN OR POINT OF NEW CONNECTION. NO PIPE STUBS SHALL REMAIN VISIBLE IN FINISHED AREAS.
 - REMOVE EXISTING 1.5" DRAIN CONNECTION TO EXISTING KITCHEN EQUIPMENT AND ALL EXTRANEOUS PIPING BACK TO ACTIVE MAIN OR POINT OF NEW CONNECTION.
 - REMOVE EXISTING 0.75" DHW & 2" DRAIN CONNECTION TO EXISTING KITCHEN EQUIPMENT AND ALL EXTRANEOUS PIPING BACK TO ACTIVE MAIN OR POINT OF NEW CONNECTION.
 - REMOVE EXISTING 0.75" DCW, 0.5" DHW & 2" DRAIN CONNECTIONS TO EXISTING KITCHEN EQUIPMENT AND ALL EXTRANEOUS PIPING BACK TO ACTIVE MAIN OR POINT OF NEW CONNECTION.
 - REMOVE EXISTING 0.5" DCW & 1" DRAIN CONNECTIONS TO EXISTING KITCHEN EQUIPMENT AND ALL EXTRANEOUS PIPING BACK TO ACTIVE MAIN OR POINT OF NEW CONNECTION.
 - REMOVE EXISTING 0.25" DCW CONNECTION TO EXISTING KITCHEN EQUIPMENT AND ALL EXTRANEOUS PIPING BACK TO ACTIVE MAIN OR POINT OF NEW CONNECTION.
 - REMOVE EXISTING (2) 1" DHW CONNECTIONS TO EXISTING KITCHEN EQUIPMENT AND ALL EXTRANEOUS PIPING BACK TO ACTIVE MAIN OR POINT OF NEW CONNECTION.
 - REMOVE EXISTING CONDENSATE PIPING SERVING EXISTING COOLER (SIZE AS INDICATED) AND ALL EXTRANEOUS PIPING BACK TO ACTIVE MAIN OR POINT OF NEW CONNECTION.
 - REMOVE EXISTING (2) 1" DCW, 0.75" DHW, (3) 0.75" DRAINS, AND (3) DRAIN CONNECTIONS TO EXISTING KITCHEN AND ALL EXTRANEOUS PIPING BACK TO ACTIVE MAIN OR POINT OF NEW CONNECTION.
 - REMOVE EXISTING PIPING (SIZE AS INDICATED). NO PIPE STUBS SHALL REMAIN VISIBLE IN FINISHED AREA.
 - REMOVE EXISTING 1.5" DCW, 1" DHW, & 0.5" DHW SUPPLY RISERS TO POINT OF NEW CONNECTION ABOVE FIRST FLOOR CEILING. REFER TO SHEET #411P001 FOR LOCATION OF POINT OF NEW CONNECTION ABOVE FIRST FLOOR CEILING.

FIRST FLOOR PLAN
 Scale: 1/8" = 1'-0"

FULLY SUPPRESSED

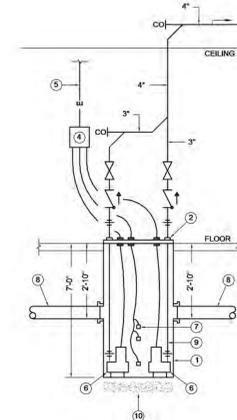
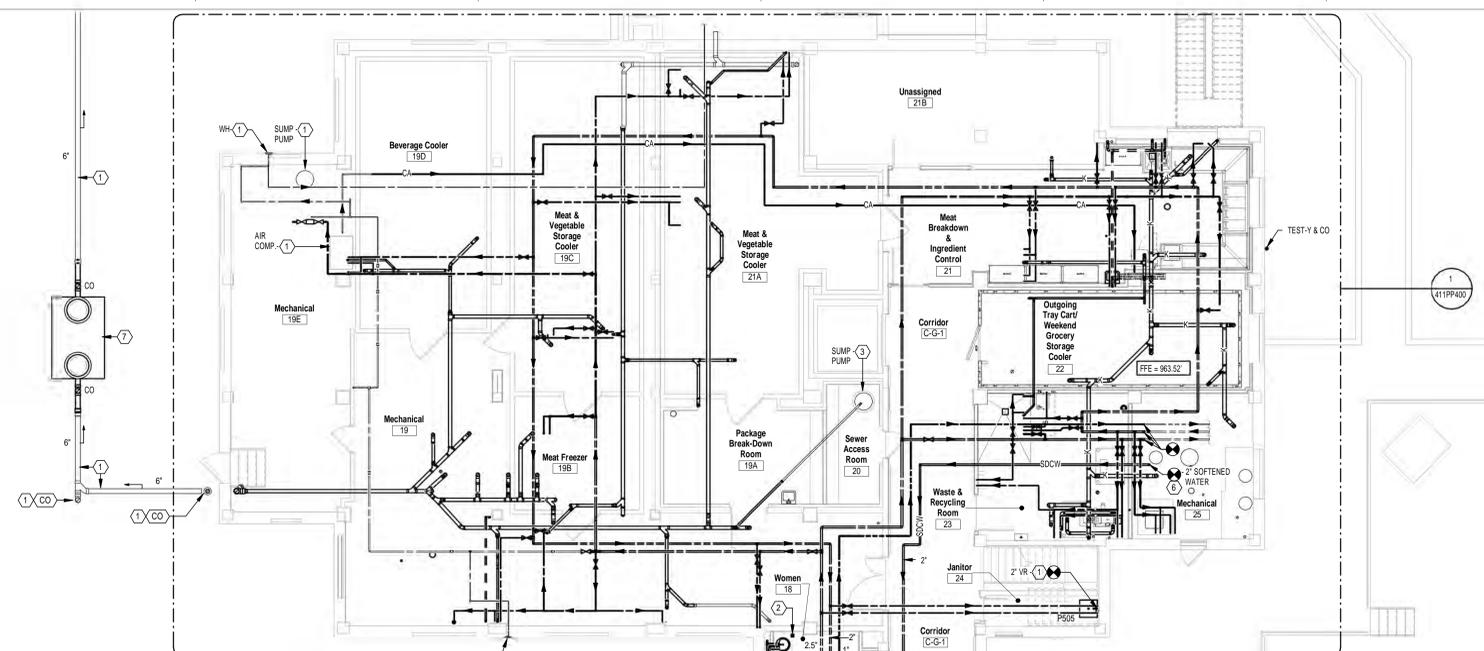
| | | | | | | |
|-------------------|--------------------------------|---|---|---|--|--|
| Revisions Date | CONSULTANTS: | HEAPY PROJECT No: 2013-04002 ARCHITECT/ENGINEERS: 1400 W Dorothy Lane, Dayton OH 45409-1310 Ph: 937-224-0861 Fax: 937-224-5777 www.heapy.com | Drawing Title FIRST FLOOR PLAN - REMOVALS | Project Title Correct Deficiencies Patient Kitchen | Project No. VA Project No. 552-14-102 JPA Project No. 13001.00 | Office of Construction and Facilities Management Department of Veterans Affairs |
| | Building Number B411 | Location Dayton, OH | Building Number 411PD101 | Date 05/30/2014 | Drawing Number 411PD101 | |

GENERAL NOTES

A REFER TO SHEET 411P001 FOR LEGEND, SCHEDULE, NOTES, DETAILS AND DRAWINGS INDEX.

PLAN NOTES

- 1 EXISTING TO REMAIN.
- 2 BOX MOUNTED TRANSFORMER LOCATED ABOVE THE CEILING TO CONTROL SENSOR OPERATED FAUCET ON FIXTURE(S) BELOW. 120V-1PH POWER WILL BE LOCATED IN A WIRING BOX ABOVE THE CEILING BY DIVISION 26. 1/2" CONDUIT FOR LOW VOLTAGE WIRING STUBBED ABOVE THE CEILING AND EXTENDED DOWN TO AN ELECTRICAL WALL BOX LOCATED BELOW EACH LAVATORY WILL BE PROVIDED BY DIVISION 26. THE TRANSFORMER AND LOW VOLTAGE WIRING SHALL BE BY DIVISION 22. COORDINATE ALL WORK WITH DIVISION 26.
- 3 EXISTING SUMP BASIN AND PIPING TO REMAIN. REPLACE EXISTING DUPLEX PUMPS. CAPACITY: 12 GPM FLOW @ 23 FT. HEAD (EA.) 0.5 HP @ 175 RPM (EA.) 115V1PH60HZ (EA.)
- 4 DOW AND DHW RISERS (SIZE AS INDICATED) TO FLOOR ABOVE. PIPING CONTINUED ON SHEET 411PP101.
- 5 DHWR RISER (SIZE AS INDICATED). FROM FLOOR ABOVE. PIPING CONTINUED ON SHEET 411PP101.
- 6 REFER TO WATER SOFTENER DETAIL #1 ON THIS SHEET.
- 7 NEW GREASE INTERCEPTOR. REFER TO CIVIL DRAWINGS.
- 8 TRAP PRIMER. REFER TO DETAIL D411P001.
- 9 EMERGENCY EQUIPMENT TEMPERING VALVE WITH INTEGRAL BY-PASS. CERTIFIED TO ASSE 107.1 TO SERVE EMERGENCY EYE/FACE WASH. CAPACITY: 25 GPM @ 10 PSI PRESSURE DROP. SET UNIT TO PROVIDE 85 DEGREE F TEMPERATURE. SECURE TO WALL ABOVE ACCESSIBLE CEILING WITH HEAVY DUTY MOUNTING BRACKET.
- 10 EMERGENCY EQUIPMENT TEMPERING VALVE WITH INTEGRAL BY-PASS. CERTIFIED TO ASSE 107.1 TO SERVE EMERGENCY EYE/FACE WASH. CAPACITY: 5 GPM @ 10 PSI PRESSURE DROP. SET UNIT TO PROVIDE 85 DEGREE F TEMPERATURE. SECURE TO WALL ABOVE ACCESSIBLE CEILING WITH HEAVY DUTY MOUNTING BRACKET.
- 11 PROVIDE 1" SIZE REDUCED PRESSURE TYPE BACKFLOW PREVENTER WITH BALL TYPE SHUT-OFF VALVES AS INDICATED TO ACCOMMODATE ISOLATION FOR MAINTENANCE. CAPACITY: 12 GPM @ 12 PSI LOSS. EXTEND RELIEF DISCHARGE PIPING TO FLOOR DRAIN. PROVIDE 3/8" BALL-TYPE SHUT-OFF VALVE & PIPE STUB FOR EXTENSION BY DIVISION 23. COORDINATE WORK WITH DIVISION 23.
- 12 PROVIDE 0.75" SIZE REDUCED PRESSURE TYPE BACKFLOW PREVENTER WITH BALL TYPE SHUT-OFF VALVES AS INDICATED TO ACCOMMODATE ISOLATION FOR MAINTENANCE. CAPACITY: 8 GPM @ 10 PSI LOSS. EXTEND RELIEF DISCHARGE PIPING TO FLOOR DRAIN. PROVIDE 3/8" BALL-TYPE SHUT-OFF VALVE & PIPE STUB FOR EXTENSION BY DIVISION 23. COORDINATE WORK WITH DIVISION 23.
- 13 CONNECT DISCHARGE TO EXISTING STORM DRAINAGE SYSTEM.
- 14 PROPOSED DUPLEX SUMP PUMP LOCATION. CONNECT EXISTING FOUNDATION DRAINAGE PIPING TO NEW SUMP. REFER TO DETAIL 2 ON THIS SHEET.



NOTES

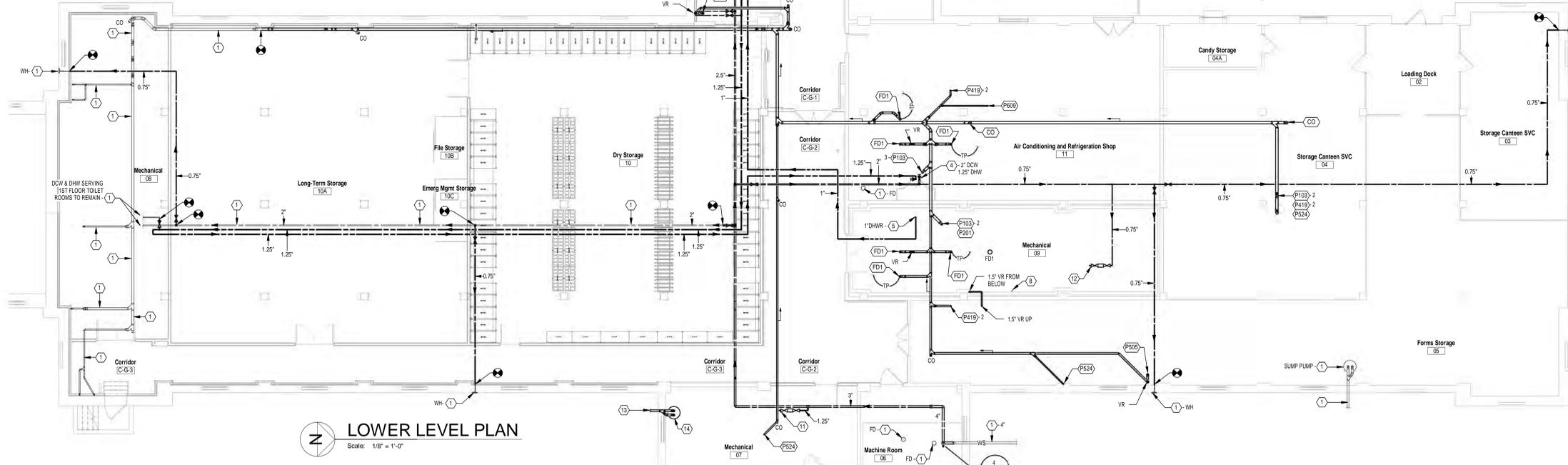
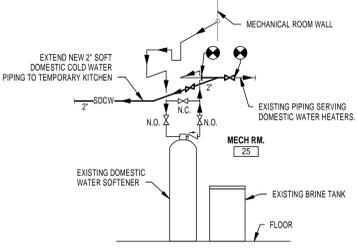
- 1 48" DIA. X 64" DEEP FIBERGLASS BASIN WITH ANCHOR FLANGE.
- 2 RELOCATED GASKETED/BOLTED 1/4" STEEL NON-SKID BASIN COVER.
- 3 CONNECT INTO TOP OF LOCAL STORM WITH WYE FITTING.
- 4 RELOCATED DUPLEX ALTERNATING CONTROL ALARM PANEL. MOUNT ON ADJACENT WALL APPROXIMATELY 4' A.F.F.
- 5 EMERGENCY POWER PROVISION BY E.C.
- 6 RELOCATED SUBMERSIBLE PUMPS (DUPLEX): CAPACITY: 36 GPM @ 20 FT. HD. EACH MOTOR: 1/2 HP POWER: 120V - 1-PH
- 7 RELOCATED TRIPLEX FLOAT CONTROLS.
- 8 4" STORM SEWER INLET LINE. VERIFY EXACT INVERT.
- 9 3" PUMPED DISCHARGE OUTLET. TYPICAL.
- 10 MINIMUM 6" LEVELED SAND BED.

2 DUPLEX SUMP PUMP

Scale: N.T.S.

1 WATER SOFTENER

Scale: N.T.S.



LOWER LEVEL PLAN
Scale: 1/8" = 1'-0"

FULLY SUPPRESSED

| <p>Revisions</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">No.</th> <th style="width: 50%;">Date</th> </tr> <tr> <td> </td> <td> </td> </tr> </table> | No. | Date | | | <p>CONSULTANTS:</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>JOHN DOE ARCHITECTS</p> </div> <div style="text-align: center;"> <p>REITANO DESIGN GROUP</p> </div> <div style="text-align: center;"> <p>TTP</p> </div> <div style="text-align: center;"> <p>THE KLEINGERS GROUP</p> </div> </div> | <p>HEAPY PROJECT No.: 2013-04002</p> <div style="text-align: center;"> </div> | <p>ARCHITECT/ENGINEERS:</p> <div style="text-align: center;"> <p>Heapy Engineering Mechanical Electrical Commissioning Technology <i>Nationally Recognized Leader in Sustainability / LEED</i></p> <p>1400 W Dorothy Lane, Dayton OH 45409-1310 Ph: 937-224-0861 Fax: 937-224-5777 www.heapy.com</p> </div> | <p>Drawing Title</p> <p style="text-align: center; font-weight: bold;">LOWER LEVEL PLAN</p> <p>Approved: Project Director</p> | <p>Project Title</p> <p style="text-align: center; font-weight: bold;">Correct Deficiencies Patient Kitchen</p> <p>Location</p> <p style="text-align: center; font-weight: bold;">Dayton, OH</p> <p>Date</p> <p style="text-align: center; font-weight: bold;">05/30/2014</p> | <p>Project No.</p> <p>VA Project No. 552-14-102 JPA Project No. 13001.00</p> <p>Building Number</p> <p style="text-align: center; font-weight: bold;">B411</p> <p>Drawing Number</p> <p style="text-align: center; font-weight: bold;">411PP100</p> <p>Dwg. of</p> | <p style="text-align: center; font-weight: bold;">Office of Construction and Facilities Management</p> <p style="text-align: center; font-weight: bold;">Department of Veterans Affairs</p> |
|---|------|------|--|--|--|---|--|---|---|--|---|
| No. | Date | | | | | | | | | | |
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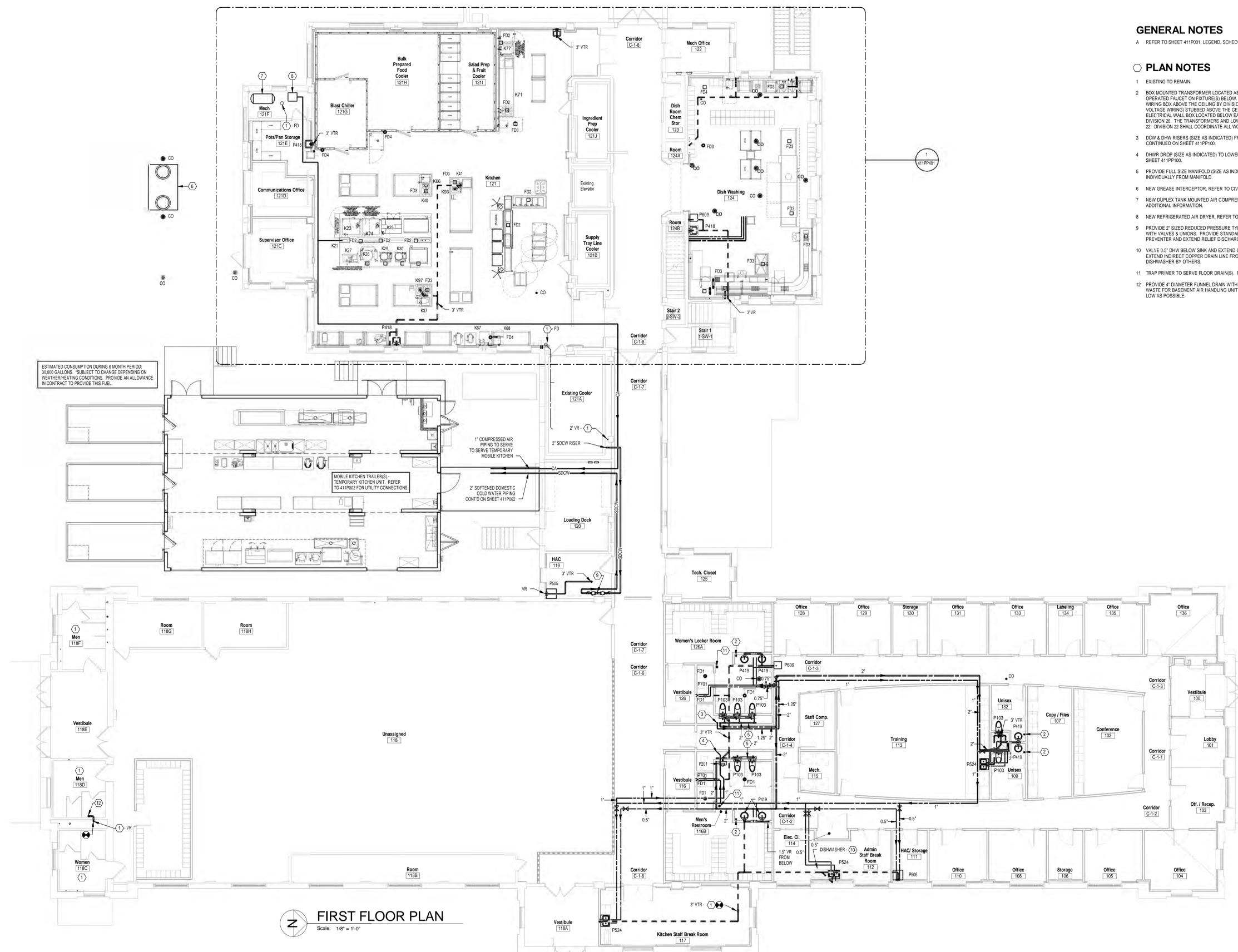
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GENERAL NOTES
 A REFER TO SHEET 411P001, LEGEND, SCHEDULES, AND DETAILS FOR GENERAL NOTES.

- PLAN NOTES**
- EXISTING TO REMAIN.
 - BOX MOUNTED TRANSFORMER LOCATED ABOVE THE CEILING TO CONTROL SENSOR OPERATED FAUCET ON FIXTURE(S) BELOW. 120V/1PH POWER WILL BE LOCATED IN A WIRING BOX ABOVE THE CEILING BY DIVISION 26. A 0.75" CONDUIT FOR LOW VOLTAGE WIRING STUBBED ABOVE THE CEILING AND EXTENDED DOWN TO AN ELECTRICAL WALL BOX LOCATED BELOW EACH LAVATORY WILL BE PROVIDED BY DIVISION 26. THE TRANSFORMERS AND LOW VOLTAGE WIRING SHALL BE BY DIVISION 22. DIVISION 22 SHALL COORDINATE ALL WORK WITH DIVISION 26.
 - DCW & DHW RISERS (SIZE AS INDICATED) FROM LOWER LEVEL BELOW. PIPING CONTINUED ON SHEET 411PP100.
 - DHW/R DROP (SIZE AS INDICATED) TO LOWER LEVEL BELOW. PIPING CONTINUED ON SHEET 411PP100.
 - PROVIDE FULL SIZE MANIFOLD (SIZE AS INDICATED) AND SERVE EACH FIXTURE INDIVIDUALLY FROM MANIFOLD.
 - NEW GREASE INTERCEPTOR. REFER TO CIVIL DRAWINGS.
 - NEW DUPLEX TANK MOUNTED AIR COMPRESSOR. REFER TO DETAIL E411P001 FOR ADDITIONAL INFORMATION.
 - NEW REFRIGERATED AIR DRYER. REFER TO DETAIL E411P001.
 - PROVIDE 2" SIZED REDUCED PRESSURE TYPE BACKFLOW PREVENTER COMPLETE WITH VALVES & UNIONS. PROVIDE STANDARD CHECK VALVE BEFORE BACKFLOW PREVENTER AND EXTEND RELIEF DISCHARGE PIPING OVER TO MOP BASIN.
 - VALVE 0.5" DHW BELOW SINK AND EXTEND COPPER TUBING TO DISHWASHER. EXTEND INDIRECT COPPER DRAIN LINE FROM DISHWASHER TO STUB ON SINK TAILPIECE. DISHWASHER BY OTHERS.
 - TRAP PRIMER TO SERVE FLOOR DRAIN(S). REFER TO DETAIL D411P001.
 - PROVIDE 4" DIAMETER FUNNEL DRAIN WITH AIR GAP FITTING ABOVE CEILING WITH 1.5" WASTE FOR BASEMENT AIR HANDLING UNIT CONDENSATE DRAINAGE. KEEP FUNNEL AS LOW AS POSSIBLE.



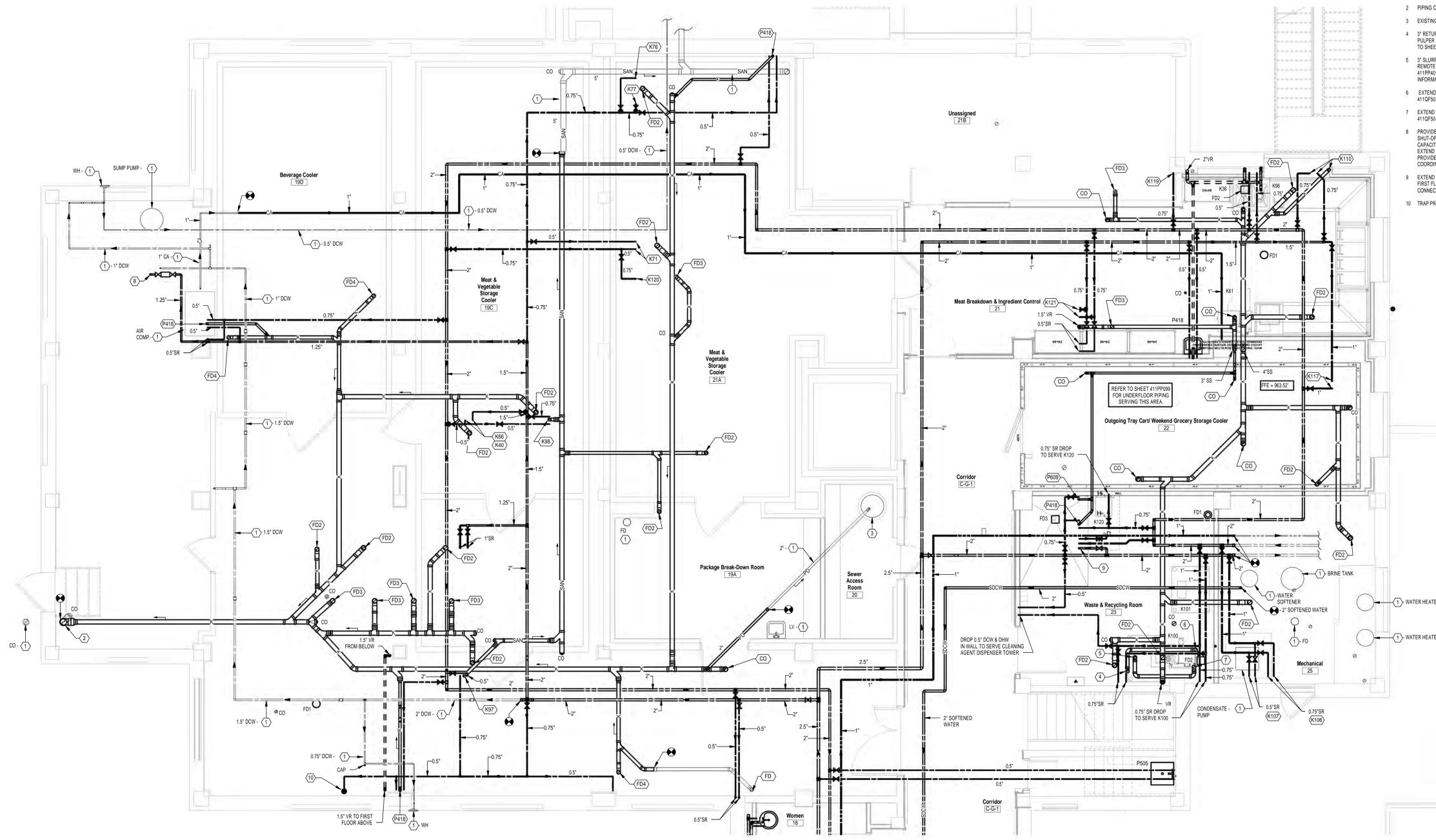
ESTIMATED CONSUMPTION DURING 6 MONTH PERIOD:
 30,000 GALLONS. *SUBJECT TO CHANGE DEPENDING ON WEATHER/HEATING CONDITIONS. PROVIDE AN ALLOWANCE IN CONTRACT TO PROVIDE THIS FUEL.

FIRST FLOOR PLAN
 Scale: 1/8" = 1'-0"

FULLY SUPPRESSED

| | | | | | |
|-------------------|---|--|-----------------------------------|---|--|
| Revisions Date | CONSULTANTS: JOHN DOE ARCHITECTS REITANO DESIGN GROUP TTP THE KLEINGERS GROUP | HEAPY PROJECT No.: 2013-04002 ARCHITECT/ENGINEERS: Heapy Engineering Mechanical Electrical Commissioning Technology Nationally Recognized Leader in Sustainability / LEED 1400 W Dorothy Lane, Dayton OH 45409-1310 Ph: 937-224-0861 Fax: 937-224-5777 www.heapy.com | Drawing Title FIRST FLOOR PLAN | Project Title Correct Deficiencies Patient Kitchen | Project No. VA Project No. 552-14-102 JPA Project No. 13001.00 Building Number B411 Drawing Number 411PP101 Dwg. of |
| | Approved: Project Director | Date 05/30/2014 | Checked RLT | Drawn DPB/RLC | Location Dayton, OH |

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 one and one-half inches = one foot
 one inch = one foot
 three-quarters inch = one foot
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 one-quarter inch = one foot
 one-eighth inch = one foot



LOWER LEVEL PLAN - KITCHEN
 Scale: 1/4" = 1'-0"

- GENERAL NOTES**
 A REFER TO SHEET 411P001 FOR LEGEND, SCHEDULE, NOTES, DETAILS AND DRAWING INDEX.
- PLAN NOTES**
- EXISTING TO REMAIN.
 - PIPING CONTINUED ON FOUNDATION PLAN SHEET 411P001.
 - EXISTING SUMP BASIN AND PIPING TO REMAIN. REPLACE EXISTING DUPLEX PUMPS.
 - 3" RETURN PIPING FROM REMOTE WASTE HYDRA-EXTRACTOR (K100) UP TO REMOTE WASTE PULPER (K99) LOCATED ON FIRST FLOOR ABOVE. PIPING CONT'D ON SHEET 411P0401. REFER TO SHEET 411QF504 FOR CONNECTION SIZES, DETAILS, AND ADDITIONAL INFORMATION.
 - 3" SLURRY PIPING FROM REMOTE WASTE PULPER (K99) LOCATED ON FIRST FLOOR ABOVE TO REMOTE WASTE HYDRA-EXTRACTOR (K100) LOCATED IN BASEMENT. PIPING CONT'D ON SHEET 411P0401. REFER TO SHEET 411QF504 FOR CONNECTION SIZES, DETAILS, AND ADDITIONAL INFORMATION.
 - EXTEND 3" RETURN PIPING FROM REMOTE WASTE HYDRA-EXTRACTOR (K100). REFER TO SHEET 411QF504 FOR CONNECTION SIZES, DETAILS, AND ADDITIONAL INFORMATION.
 - EXTEND 3" SLURRY PIPING TO REMOTE WASTE HYDRA-EXTRACTOR (K100). REFER TO SHEET 411QF504 FOR CONNECTION SIZES, DETAILS, AND ADDITIONAL INFORMATION.
 - PROVIDE 1" SIZE REDUCED PRESSURE TYPE BACKFLOW PREVENTER WITH BALL TYPE SHUT-OFF VALVES AS INDICATED TO ACCOMMODATE ISOLATION FOR MAINTENANCE. CAPACITY: 12 GPM @ 12 PSI LOSS. EXTEND RELIEF DISCHARGE PIPING TO FLOOR DRAIN. PROVIDE 1.25" BALL-TYPE SHUT-OFF VALVE & PIPE STUB FOR EXTENSION BY DIVISION 23. COORDINATE WORK WITH DIVISION 23.
 - EXTEND 1.5" DCW, 1" DHW, 0.5" DHW SUPPLY RISERS TO POINT OF NEW CONNECTION ABOVE FIRST FLOOR CEILING. REFER TO SHEET 4411P401 FOR LOCATION OF POINT OF NEW CONNECTION ABOVE FIRST FLOOR CEILING.
 - TRAP PRIMER. REFER TO DETAIL D411P001.

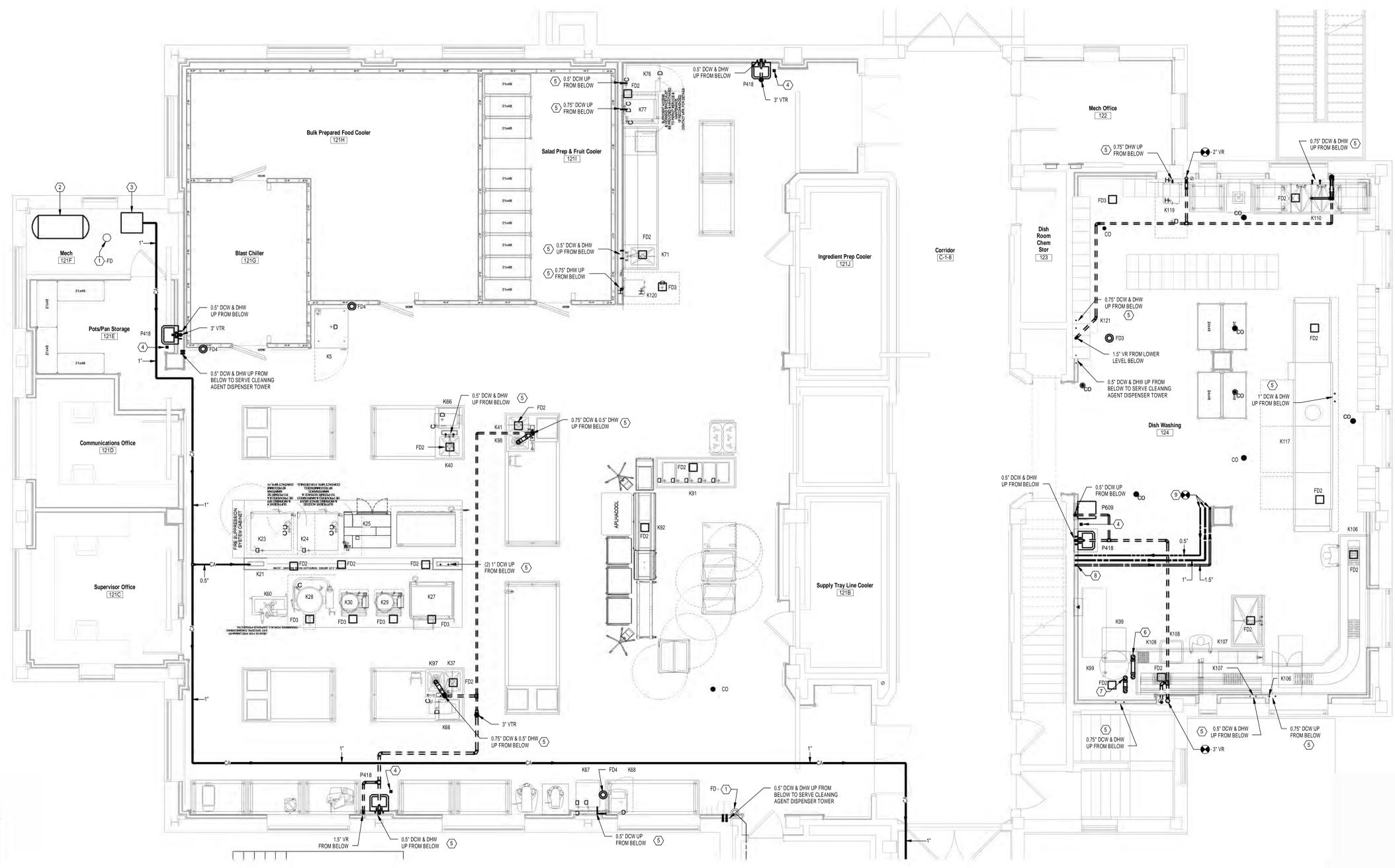
FULLY SUPPRESSED

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|--|--|--|---|--|--|--|---|--|---|--|---|--|
| Revisions 1 2 3 4 5 6 7 8 9 | CONSULTANTS: JOHN DOE ARCHITECTS REITANO DESIGN GROUP TTP THE KLEINGERS GROUP | | HEAPY PROJECT No.: 2013-04002 ARCHITECT/ENGINEERS: Heapy Engineering Mechanical Electrical Commissioning Technology <i>Nationally Recognized Leader in Sustainability / LEED</i> 1400 W Dorothy Lane, Dayton OH 45409-1310 Ph: 937-224-0861 Fax: 937-224-5777 www.heapy.com | | Drawing Title: ENLARGED LOWER LEVEL PLAN | | Project Title: Correct Deficiencies Patient Kitchen | | Project No.: VA Project No. 552-14-102 JPA Project No. 13001.00 Building Number: B411 Drawing Number: 411P400 Dwg. of | | Office of Construction and Facilities Management Department of Veterans Affairs | |
| | DATE: 05/30/2014 CHECKED: RLT DRAWN: DPB/RLC | | APPROVED: Project Director | | LOCATION: Dayton, OH | | DATE: 05/30/2014 CHECKED: RLT DRAWN: DPB/RLC | | DATE: 05/30/2014 CHECKED: RLT DRAWN: DPB/RLC | | DATE: 05/30/2014 CHECKED: RLT DRAWN: DPB/RLC | |

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
 one-eighth inch = one foot

GENERAL NOTES
 A REFER TO SHEET 411P001 FOR LEGEND, SCHEDULE, NOTES, DETAILS AND DRAWING INDEX.

- PLAN NOTES**
- EXISTING TO REMAIN
 - NEW DUPLEX TANK MOUNTED AIR COMPRESSORS, REFER TO DETAIL E411P001 FOR ADDITIONAL INFORMATION.
 - NEW REFRIGERATED AIR DRYER, REFER TO DETAIL E411P001 FOR ADDITIONAL INFORMATION.
 - BOX MOUNTED TRANSFORMER LOCATED ABOVE THE CEILING TO CONTROL SENSOR OPERATED FAUCET ON FIXTURES BELOW. 120V-1PH POWER WILL BE LOCATED IN A WIRING BOX ABOVE THE CEILING BY DIVISION 26. A 0.75" CONDUIT (FOR LOW VOLTAGE WIRING) STUBBED ABOVE THE CEILING AND EXTENDED DOWN TO AN ELECTRICAL WALL BOX LOCATED BELOW EACH LAVATORY WILL BE PROVIDED BY DIVISION 26. THE TRANSFORMER AND LOW VOLTAGE WIRING SHALL BE BY DIVISION 22. COORDINATE ALL WORK WITH DIVISION 26.
 - REFER TO KITCHEN EQUIPMENT SCHEDULE ON SHEET 411P001 AND ENLARGED FOOD SERVICE SPOT LOCATION PLANS & UTILITY DISTRIBUTION SYSTEM SCHEDULE ON THE KITCHEN EQUIPMENT PLANS 411QF403 - 411QF401 FOR KITCHEN EQUIPMENT CONNECTION INFORMATION.
 - EXTEND 3" SLURRY PIPING FROM REMOTE WASTE PULPER (K99) DOWN THRU FLOOR SLAB TO REMOTE WASTE HYDRA-EXTRACTOR (K100) LOCATED IN LOWER LEVEL BELOW. PIPING CONT'D ON SHEET 411PP400. REFER TO SHEET 411QF504 FOR CONNECTION SIZES, DETAILS, AND ADDITIONAL INFORMATION.
 - EXTEND 3" RETURN PIPING FROM REMOTE WASTE HYDRA-EXTRACTOR (K100) LOCATED IN LOWER LEVEL BELOW UP THRU FLOOR SLAB TO REMOTE WASTE PULPER (K99). PIPING CONT'D ON SHEET 411PP400. REFER TO SHEET 411QF504 FOR CONNECTION SIZES, DETAILS, AND ADDITIONAL INFORMATION.
 - EXTEND EXISTING 1.5" DCW, 1" DHW, & 0.5" DHWR SUPPLY RISERS OVER TO POINT OF NEW CONNECTION ABOVE FIRST FLOOR CEILING AS INDICATED.
 - CONNECT TO EXISTING 1.5" DCW, 1" DHW, & 0.5" DHWR SUPPLY RISERS, LOCATED ABOVE FIRST FLOOR CEILING, SERVING SECOND FLOOR.



FIRST FLOOR PLAN - KITCHEN
 Scale: 1/4" = 1'-0"

FULLY SUPPRESSED

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|-------------------|---|--|--|--|---|---|--|---|
| Revisions Date | CONSULTANTS: JOHN DOE ARCHITECTS REITANO DESIGN GROUP TTP THE KLEINGERS GROUP | HEAPY PROJECT No.: 2013-04002 GARY S. EODICE E-52755 FIRM LICENSE No.: 01528 | ARCHITECT/ENGINEERS: Heapy Engineering Mechanical Electrical Commissioning Technology Nationally Recognized Leader in Sustainability / LEED 1400 W Dorothy Lane, Dayton OH 45409-1310 Ph: 937-224-0861 Fax: 937-224-5777 www.heapy.com | Drawing Title ENLARGED FIRST FLOOR PLAN Approved: Project Director | Project Title Correct Deficiencies Patient Kitchen Location Dayton, OH Date 05/30/2014 Checker RLT Drawn DPB/RLC | Project No. VA Project No. 552-14-102 JPA Project No. 13001.00 Building Number B411 Drawing Number 411P401 Dwg. of | Office of Construction and Facilities Management Department of Veterans Affairs | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |

