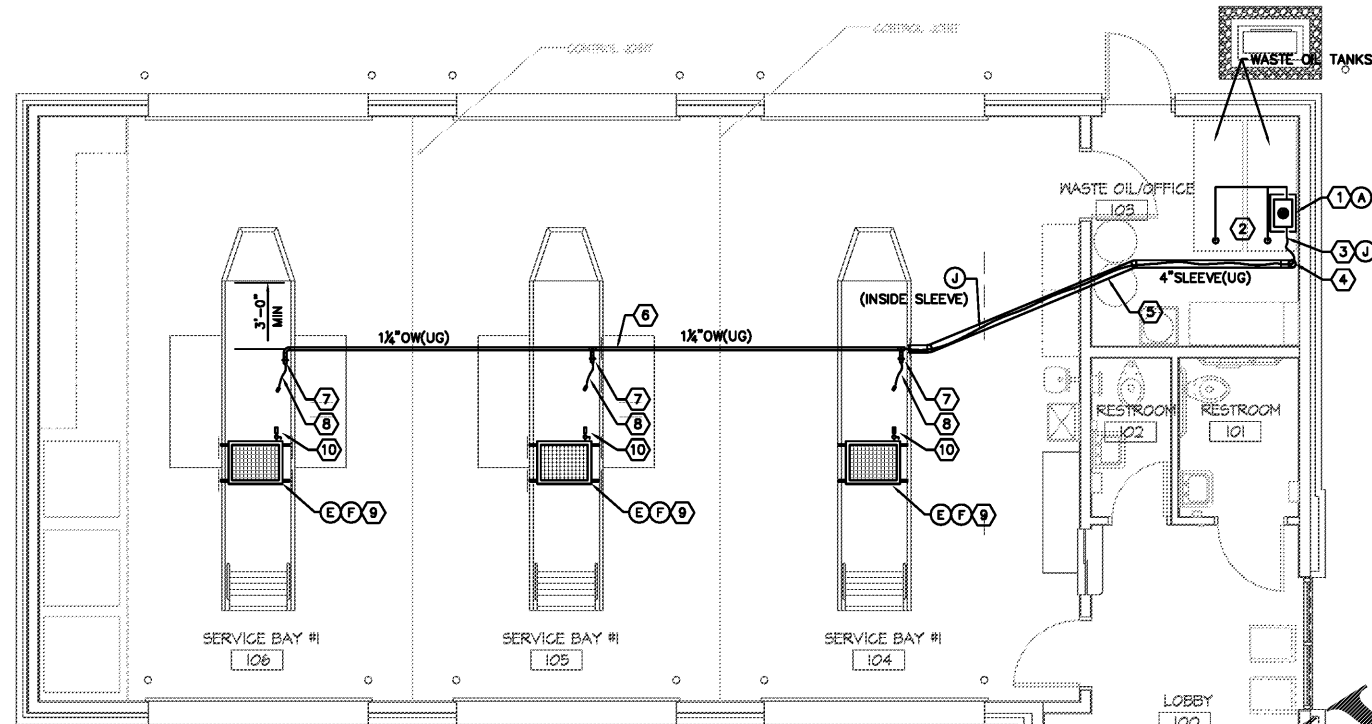


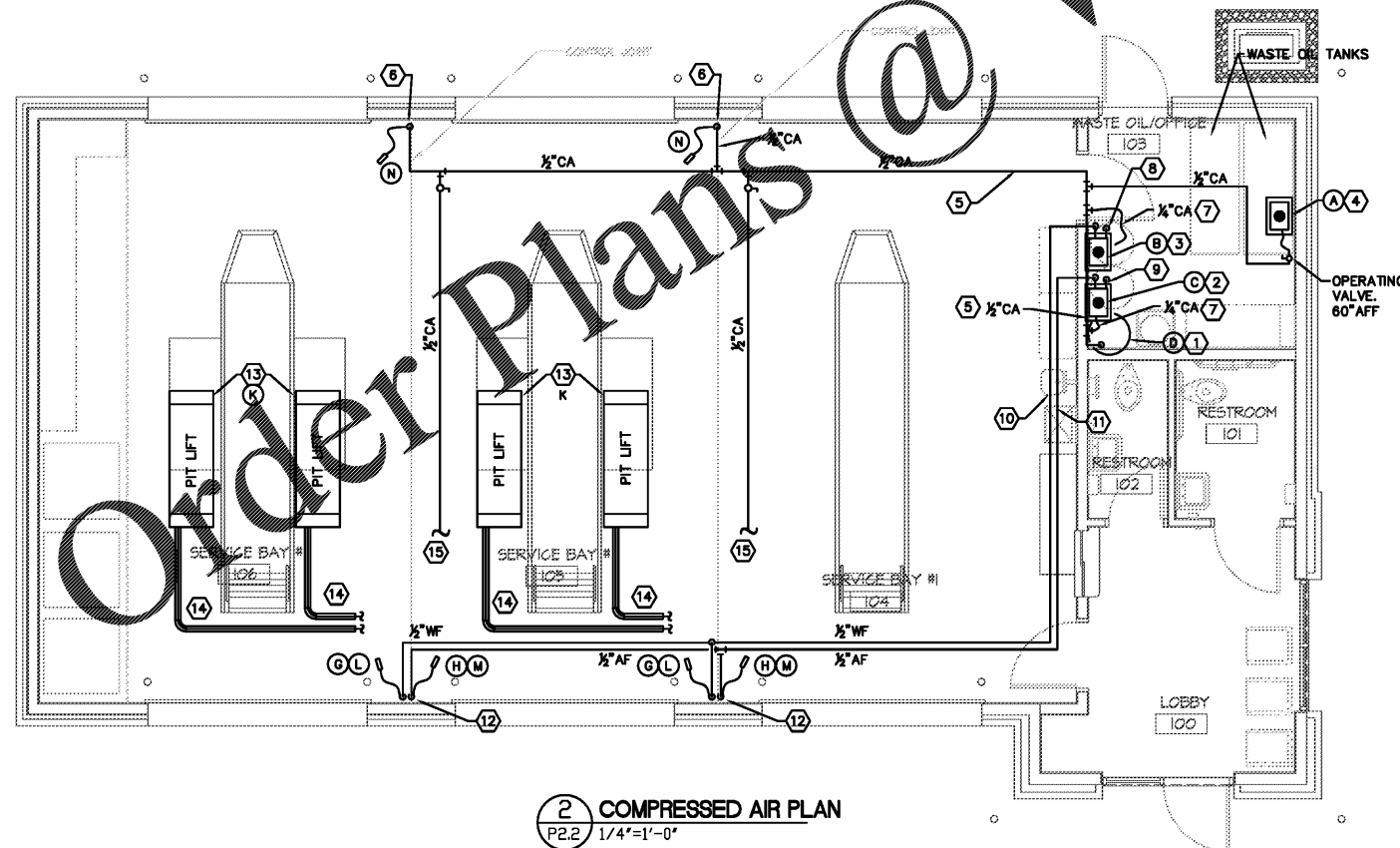
THE ARCHITECT/ENGINEER DOES NOT DEFINE THE SCOPE OF INDIVIDUAL TRADES, SUBCONTRACTORS, MATERIAL SUPPLIERS, OR VENDORS. ANY SHEET NUMBERING SYSTEM USED WHICH IDENTIFIES DISCIPLINES IS SOLELY TO SEPARATE ARCHITECT'S AND ENGINEER'S SCOPE. IT DOES NOT DEFINE A SUBCONTRACTOR'S SCOPE OF WORK. ANY DISCREPANCIES BETWEEN DRAWINGS, SPECIFICATIONS, CODES OR CONSTRUCTION SEQUENCING SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO PROCEEDING. NO CONSIDERATION WILL BE GIVEN TO REQUESTS FOR CHANGE ORDERS FOR FAILURE TO OBTAIN AND REVIEW THE COMPLETE SET OF CONSTRUCTION DOCUMENTS, OR FOR FAILURE TO SEEK INTERPRETATION FROM ARCHITECT FOR DISCREPANCIES.



1 WASTE OIL PLAN  
P2.2 1/4"=1'-0"

- KEY NOTES 1/P2.2
- DIAPHRAGM PUMP FOR EXTRACTING WASTE OIL FROM PIT SLIDING TRAYS TO WASTE OIL TANK. MOUNT PUMP ON WALL SHELF ABOVE WASTE OIL TANKS AT APPROX 84" AFF. SEE 2/P2.2 FOR ALL COMPRESSED AIR PIPING.
  - PIPING FROM PUMP DISCHARGE INTO WASTE OIL STORAGE TANKS.
  - FLEXIBLE WASTE OIL LINE UP FROM BELOW GROUND TO PUMP INLET PORT.
  - 4" PVC PIPE TURNED UP FROM UNDERGROUND AND TERMINATED AT 3" AFF. FLEXIBLE WASTE OIL LINE SHALL CONTINUE UP TO WASTE OIL PUMP.
  - 4" PVC PIPE SLEEVE WITH FLEXIBLE WASTE OIL LINE INSIDE, ROUTED BELOW SLAB FROM EDGE OF SERVICE BAY #1. P.C. SHALL ROUTE PVC PIPE FLAT WITH TOP OF PIPE APPROX 2" BELOW BOTTOM OF FLOOR SLAB, (APPROX 6" BFF). DO NOT PROVIDE ANY 90 DEGREE ELBOWS, ALL OFFSET SHALL BE 22.5 DEGREE (1/16TH BENDS).
  - 1 1/2" O.W. (SCHEDULE 40 PVC PRESSURE RATED PIPE) ROUTED UNDERGROUND AND THROUGH PIT WALLS. SEE DETAIL 4/PO.1 FOR DETAIL OF COMPONENTS. SEAL PIPE PENETRATIONS OF PIT WALL WITH CLEAR SILICONE SEALANT AROUND FITTING AT WALL.
  - 1 1/2" PVC TEE WITH 3" SPOOL PIPE OUT TO A 1 1/2" PVC BALL VALVE WITH THREADED ADAPTOR. SEE 4/PO.1 FOR DETAIL OF COMPONENTS.
  - PROVIDE 24" DIA. FLEXIBLE HOSE (ITEM J) FROM THREADED FITTING ON PVC BALL VALVE AND TERMINATE WITH VENDOR SUPPLIED FEMALE QUICK CONNECT FITTING. REFER TO FF&E MANUAL.
  - 80 GALLON SLIDING WASTE OIL TANK MOUNTED ON PERAILS INSIDE PIT.
  - WASTE OIL TANK SHALL BE EQUIPPED WITH THE VENDOR SUPPLIED ALL-THREAD FITTING WITH BALL VALVE AND MALE QUICK CONNECT FITTING. REFER TO FF&E MANUAL.

- EQUIPMENT & MATERIALS LIST
- THE FOLLOWING EQUIPMENT AND MATERIALS ARE REQUIRED FOR THE OPERATION OF THIS FACILITY AND ARE TO BE PURCHASED BY THE OWNER AND INSTALLED BY THE PLUMBING CONTRACTOR.
- THE PLUMBING CONTRACTOR SHOULD REFERENCE THE PROJECT FF&E (FURNISHES, FINISHES & EQUIPMENT) MANUAL FOR EQUIPMENT LIST. ALL PART NUMBERS LISTED BELOW CORRESPOND TO THE FF&E MANUAL.
- A WASTE OIL PUMP: GCO-647016
  - B WASHER FLUID PUMP: GCO-647066
  - C ANTI-FREEZE PUMP: GCO-647016
  - D AIR COMPRESSOR: VT-115-80-B
  - E ROLLING OIL TANKS: E20-100
  - F OIL SPASH GUARD: 02203
  - G WINDSHIELD NOZZLES: GCO-180685
  - H ANTI-FREEZE NOZZLES: GCO-180685
  - J FLEXIBLE WASTE OIL LINES: LISTED UNDER "MISC ITEMS". P.C. TO SPECIFY LENGTH REQUIRED PRIOR TO ORDERING.
  - K LOW RISE LIFT: BL-BLAZER 9000
  - L FLEXIBLE WASHER FLUID HOSE: A-CH-4-25-PR14-25A-B (BLUE)
  - M FLEXIBLE ANTI-FREEZE HOSE: A-CH-4-25-PR14-25A-G (GREEN)
  - N FLEXIBLE GENERAL AIR HOSE: A-AC-4-40-PR14-50A-R



2 COMPRESSED AIR PLAN  
P2.2 1/4"=1'-0"

- KEY NOTES 2/P2.2
- 80 GALLON AIR COMPRESSOR ON 4" THICK HOUSEKEEPING PAD. INITIALLY SET OUTLET PSI TO 90PSI. OWNER TO ADJUST AS NECESSARY. P.C. TO PROVIDE ALL REQUIRED REGULATORS AS NEEDED AT PUMPS AND VEHICLE LIFTS.
  - DIAPHRAGM PUMP FOR ANTI-FREEZE DISTRIBUTION TO SERVICE HOSES AT WORK BAYS. MOUNT PUMP ON WALL SHELF ABOVE ANTI-FREEZE TANK AT APPROX 84" AFF. CONNECT COMPRESSED AIR PIPING AND FLUID HOSES PER MANUFACTURERS RECOMMENDATIONS.
  - DIAPHRAGM PUMP FOR WINDSHIELD WASHER FLUID DISTRIBUTION TO SERVICE HOSES AT WORK BAYS. MOUNT PUMP ON WALL SHELF ABOVE ANTI-FREEZE TANK AT APPROX 84" AFF. CONNECT COMPRESSED AIR PIPING AND FLUID HOSES PER MANUFACTURERS RECOMMENDATIONS.
  - DIAPHRAGM PUMP FOR EXTRACTING WASTE OIL FROM PIT SLIDING TRAYS TO WASTE OIL TANKS. MOUNT PUMP ON WALL SHELF ABOVE WASTE OIL TANKS AT APPROX 84" AFF. CONNECT COMPRESSED AIR PIPING AND FLUID HOSES PER MANUFACTURERS RECOMMENDATIONS. LOCATE AN AIR LINE SHUT OFF VALVE AT APPROX 60" AFF. FOR OPERATOR MANUAL USE TO ACTIVATE PUMP. COORDINATE WITH G.C. FOR EXACT LOCATION. SEE 1/P2.2 FOR ALL WASTE OIL PIPING.
  - BLACK STEEL COMPRESSED AIR DISTRIBUTION PIPING ROUTED UP HIGH AS SHOWN. ROUTE SUCH THAT PIPING DOESN'T INTERFERE WITH BAY DOOR OPERATION.
  - COMPRESSED AIR ROUTED DOWN FACE OF WALL TO 24" AFF. PROVIDE BALL VALVE JUST ABOVE BOTTOM OF PIPE. CONNECT FLEXIBLE HOSE FROM FF&E MANUAL TO END OF STEEL PIPING.
  - CONNECT COMPRESSED AIR TO DIAPHRAGM PUMPS. PROVIDE STEEL TEE IN MAIN AND ROUTE FLEXIBLE AIR HOSE TO PUMP INLET CONNECTION. TYPICAL.
  - ROUTE FLEXIBLE HOSE FROM PUMP FLUID INLET PORT DOWN INTO WINDSHIELD WASHER FLUID TANK BELOW. CONNECT WITH MANUFACTURER APPROVED FITTINGS.
  - ROUTE FLEXIBLE HOSE FROM PUMP FLUID INLET PORT DOWN INTO ANTI-FREEZE FLUID TANK BELOW. CONNECT WITH MANUFACTURER APPROVED FITTINGS.
  - ROUTE 1/2" WF (WASHER FLUID) PIPING AS SHOWN FROM PUMP OUTLET FITTING TO SERVICE BAYS.

- KEY NOTES 2/P2.2
- ROUTE 1/2" AF (ANTI-FREEZE) PIPING AS SHOWN FROM PUMP OUTLET FITTING TO SERVICE BAYS.
  - 1/2" AF & 1/2" WF DROPS DOWN FACE OF WALL BETWEEN BAY DOORS TO 24" AFF. CONFIRM WITH OWNER FOR EXACT LOCATION OF DROPS. CONNECT FLUID HOSE AND DISPENSING NOZZLE TO END OF DROPS.
  - RECESSED PIT LIFT SYSTEM WITH CONTROL BOX/CONSOLE. LIFT PROVIDED AND INSTALLED BY G.C., P.C. TO COORDINATE UNDERGROUND HYDRAULIC LINES PRIOR TO SLAB POUR.
  - P.C. SHALL BE RESPONSIBLE FOR PLUMBING THE HYDRAULIC LINES TO THE NEW PIT LIFT. THIS INCLUDES THE ROUGH-IN OF 2" PVC PIPE CONDUIT UNDER SLAB TO LOCATIONS RECOMMENDED BY LIFT MANUFACTURER. P.C. MUST COORDINATE WITH G.C. PRIOR TO SLAB POUR. ALL PVC ELBOWS SHOULD BE LONG RADIUS, NOT SHORT RADIUS. HYDRAULIC LINES SHOULD EXTEND FROM LIFT CONNECTION TO LIFT CONTROL MODULE. REFER TO MANUFACTURERS INSTRUCTIONS FOR SIZE AND QUANTITY OF HYDRAULIC LINES. ROUTING SHOWN ON THIS PLAN IS DIAGRAMMATIC ONLY. FIELD COORDINATION IS NECESSARY ON THIS PIECE OF EQUIPMENT.
  - P.C. SHALL BE RESPONSIBLE FOR PLUMBING THE PRIMARY COMPRESSED AIR LINE TO THE NEW PIT LIFT CONTROL BOX/CONSOLE AND ALSO THE INTERNAL AIR LINES FROM THE CONSOLE TO THE LIFT. COORDINATE WITH G.C. AND INSTALL PER MANUFACTURERS INSTALLATION INSTRUCTIONS.

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REVISION 3: \_\_\_\_\_  
REVISION 4: \_\_\_\_\_  
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PROJECT ARCHITECT: ECE  
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CADD FILE NAME: 20-127

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P2.2

