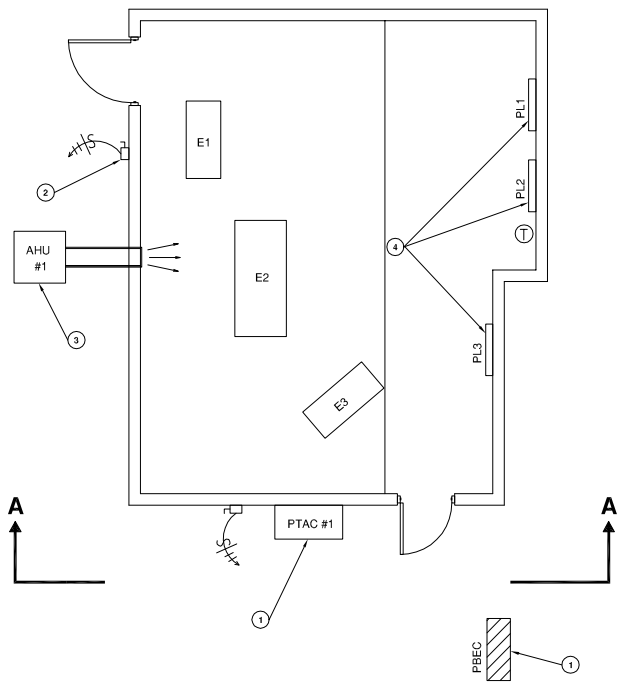
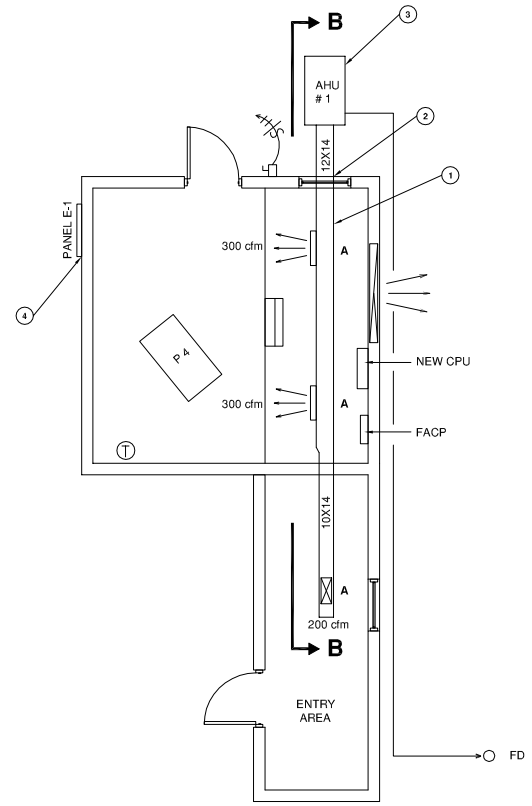


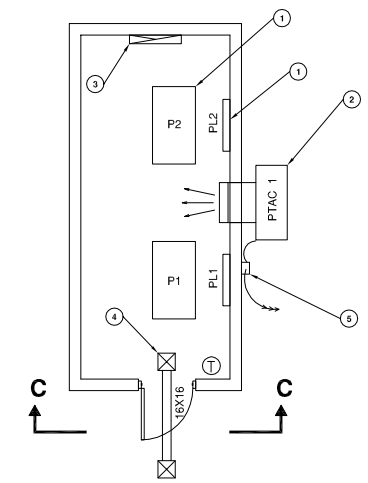
7 TH FLOOR PENTHOUSE ELEVATOR ROOM

Scale: 1/4" = 1'-0"



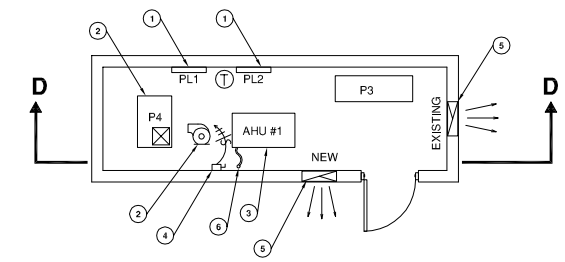
4 TH FLOOR MECHANICAL ROOM ANNEX ROOF

Scale: 1/4" = 1'-0"



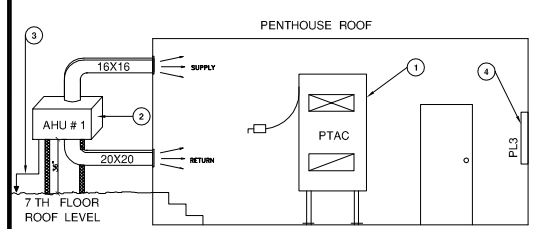
2 nd FLOOR ELEVATOR EQUIPMENT ROOM 1A-102

Scale: 1/4" = 1'-0"



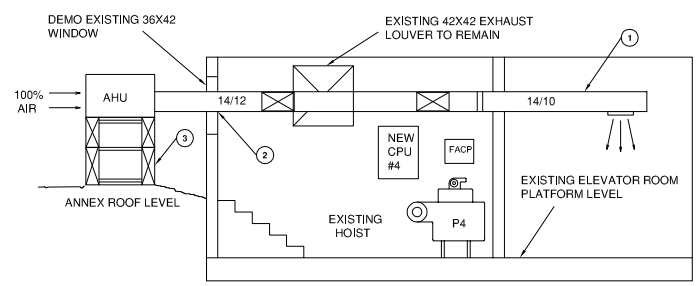
GROUND FLOOR ELEVATOR CONTROL ROOM

Scale: 1/4" = 1'-0"



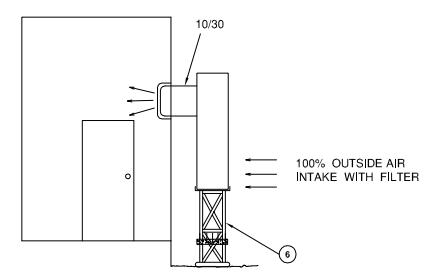
SECTION A-A EQUIPMENT / ROOF ELEVATION

Scale: 1/4" = 1'-0"



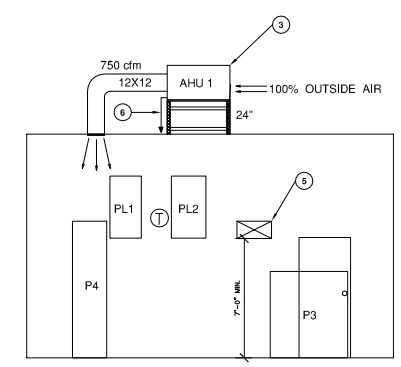
SECTION B-B 4 TH FLOOR ANNEX ROOF

Scale: 1/4" = 1'-0"



SECTION C-C EQUIPMENT ROOM

Scale: 1/4" = 1'-0"



SECTION D-D GROUND FLOOR EQUIPMENT ROOM ELEVATION

Scale: 1/4" = 1'-0"

KEYED NOTES

1. CONTRACTOR TO DEMOLISH PTAC#1, DISCONNECT ELECTRICAL SERVICE BACK TO EMERGENCY PANEL PBEC ONLY AFTER, NEW A/C IS INSTALLED & IS COOLING. SEAL WALL OPENINGS TO MATCH. COORDINATE WITH KERRVILLE MAINTENANCE DEPT. AND HOSPITAL STAFF FOR TEMPORARY SHUTDOWN. TIE INTO FACP.
2. CONTRACTOR TO FABRICATE METAL STAND, SET PACKAGED AIR CONDITIONER RUDD USND-060C, 5 TON, 208/ 230V / 1/PH, 34X55X58 OR APPROVED EQUAL, SET LEVEL ON VIBRATION PADS. FIELD MEASURE TO APPROXIMATE 36" HEIGHT AFF; FABRICATE 16 / 16 SUPPLY & 20 / 20 RETURN EXTERIOR DUCTS PER SMACNA, SEALED & TESTED. ELECTRICAL SERVICE TO USE EXISTING PANEL PBEC SPARES. CONTRACTOR TO FIELD VERIFY ALL ELECTRICAL & MECHANICAL FEEDS PRIOR TO BIDDING THE PROJECT.
3. CONTRACTOR TO RUN 3 / 4" UNISULATED COPPER CONDENSATE DRAIN TO ROOF DRAIN; TO PLACE SELF CONTAINED A / C AWAY FROM BUILDING TO MAKE MAINTENANCE ACCESSIBLE FROM ALL SIDES. AN ACCEPTABLE ALTERNATE UNITE MUST CLEAR 3'-0" DOOR OPENING. UNIT TO MEET ALL ENERGY EFFICIENCY, IECC, R410 A ENVIRONMENTAL REQUIREMENTS.
4. NEW PL1 / p2 / p3 TO REPLACE EXISTING UNDER A DIFFERENT CONTRACT; LOCATION SHOWN IS SCHEMATIC ONLY AND THERMOSTAT IS TO BE PLACED 10" AWAY FROM CORNER TO ALLOW FOR FLEXIBILITY IN LOCATING PLs.

KEYED NOTES

1. CONSTRUCT ALL DUCT TO BE SMACNA MEDIUM PRESSURE, 2" CLASSIFICATION, LEVEL W/AHU, GALVANIZED STEEL, 26 GA. MIN., INSULATED WITH 2" FOIL BACKED WRAP. ALL GRILLS TO BE METALAIR TYPE V4004 SIDEWALL SUPPLY GRILLS, 16"X8" WITH HORIZONTAL & VERTICAL DEFLECTION ADJUSTABLE BLADES, SUSPEND PER CODE
.
2. CONTRACTOR TO RUN SUPPLY DUCT LEVEL OF EXISTING WINDOW, DEMO WINDOW AND ENCLOSE WITH 6" 20 GA. METAL STUDS OVER AROUND DUCT & WALL; FILLED WITH R26 BATT INSULATION, INSTALL 16 GA. SHEET METAL ON OUTSIDE, 3 / 4" FIRE RETARDANT PLYWOOD ON INSIDE, SEAL BETWEEN DUCTWORK & FINISHED EDGES W/FOAM OR OTHER ACCEPTABLE SEALANT. PAINT SHEET METAL & PLYWOOD TO MATCH.
3. CONTRACTOR TO FABRICATE METAL STAND, SET PACKAGED AIR CONDITIONER RUUD USND-024J OR APPROVED EQUAL; FIELD MEASURE TO APPROXIMATE 38" HEIGHT AFF, SLOPE 3 / 4" DRAIN TO ROOF FD.
4. CONTRACTOR TO USE SPARE IN EMERGENCY PANEL SHOWN; TO USE A LICENSED QUALIFIED ENGINEER TO DESIGN THE FIRE ALARM CONTROL PANEL INTERFACE & SHUTDOWN; CONDUIT TO AHU TO RUN SAFELY ABOVE DOOR.

KEYED NOTES

1. EXISTING HYDRAULIC ELEVATORS P1 & P2, NO WORK INVOLVED OTHER THAN REPLACING CONTROLLERS PL1, PL2 WITH NEW.
2. NEW PTAC 1 EXTERIOR SELF CONTAINED BARD #WA35SI-B UNIT OR APPROVED EQUAL. TO USE 100% OUTSIDE AIR, 240 / 3p / 30A, FRAME MOUNTED, 2 TON UNIT, 2 STAGE COOLING, MULTI-STEP COMPRESSOR CAPACITY, R4IOA FABRICATE 30X10 SUPPLY AIR EXTERIOR GRADE DUCT PER SMACNA; SEALED & TESTED.
3. EXISTING PRESSURE EXHAUST TO BE USED AS IS, NO WORK NECESSARY.
4. EXISTING 16 / 16 TRANSFER DUCT & 20 / 20 GRILLS TO BE DEMOLISHED & CEILINGS REPAIRED TO MATCH EXISTING.
5. NEW DISCONNECT TO FEED POWER TO PTAC BARD UNIT; POWER TO GO BACK TO BLDG 96 PANEL E1 BH IN EMT, CONCEALED ABOVE DROPPED CEILING, PER NEC & LOCAL CODES.
6. MOUNT UNIT 4' ABOVE GRADE ON GALVANIZED STEEL FRAME ON 3000 PSI SLAB, CHECK WITH KD MAINTANCE DEPT. FOR APPROVAL. CLEAR BRUSH FOR SLAB FABRICATION, 16; DEEP / 4" HIGH, 6" WIDER THAN PTAC UNIT, SLAB REINFORCED PER INDUSTRY STANDARDS, ROUGH FINISH.

KEYED NOTES

1. NEW PROGRAMMABLE LOGIC CONTROLLERS, PL1 / PL2 DIFFERENT CONTRACT; HYDRAULIC ELEVATORS P4 &P3 TO REMAIN.
2. CONTRACTOR TO DEMOLISH EXISTING OUTSIDE AIR SUPPLY FAN & ROOF INTAKE; EXISTING 12"X12" ROOF CURB & OPENING TO BE REUSED FOR SUPPLY AIR DUCT.
3. CONTRACTOR TO FABRICATE METAL STAND & MOUNT RUD USND-024J PACKAGED A / C UNIT 2TON, 208 / 230V / 60 HZ / 1PH, 31X49X37 OR APPROVED EQUAL, SET ON VIBRATION PADS, FIELD MEASURE TO APPROXIMATE 24" AFF HEIGHT; FABRICATE 12"X12" EXTERIOR SUPPLY DUCT PER SMACNA, SEALED & TESTED.
4. CONTRACTOR TO USE ELECTRICAL SERVICE PANEL CURRENTLY SERVING DEMOLISHED SUPPLY FAN; COORDINATE WITH KERRVILLE MAINTANCE DEPT. / INTERFACE WITH FACP. CONTRACTOR TO RESIZE BREAKER FROM EXISTING 20A TO NEW 30A AS NECESSARY TO MEET NEC; ALSO TO REPLACE EXISTING WIRE TO 10 AWG.
5. CONTRACTOR TO REMOVE EXISTING EXHAUST GRILL FACING VESTIBULE AND TO INSTALL NEW @ SOUTH WALL @ 7' MIN. AFF. CONTRACTOR TO PATCH EAST WALL OPENING TO MATCH EXISTING. GRILL TO BE 24"X12" WITH SCREEN.
6. CONTRACTOR TO RUN 3 / 4" UNINSULATED COPPER LINE TO ROOF DRAIN PER IMC STANDARDS.

Revisions	Date

NOTE: THE RESIDENT ENGINEER MUST BE NOTIFIED 24 HOURS IN ADVANCE OF ANY COMPROMISE IN THE FIRE SUPPRESSION OR SMOKE DETECTION SYSTEMS. A COPY OF THE INTERIM LIFE SAFETY MEASURED MUST BE OBTAINED AND FOLLOWED DURING CONSTRUCTION

Concur M & O	Approved: Service Chief
Concur Bio-Med	Approved: Service Chief
Concur Safety	Approved: Service Chief
Approved: Service Chief	Approved: Service Chief
Approved: Service Chief	Approved: Chief of Staff

Drawing Title: PLANS AND ELEVATIONS

Approved: Chief of Engineering

Approved: Associate Director

Project Title: REPLACE ELEVATOR CONTROLS - KERRVILLE

Building Number

Checked: E.G.

Drawing: P.A.

Location: Audie L. Murphy Memorial Veterans Hospital, San Antonio, Texas

Date: 05/14/08

Project No. 07-711

DRAWING NO. A-1

Dwg 1 Of 2

Office Of Facilities

Department of Veterans Affairs