

GROUND FLOOR PLAN - AREA A - POWER
SCALE: 1/8" = 1'-0"

DRAWING NOTES:

- COORDINATE INSTALLATION OF DEVICE WITH MILLWORK/CABINET MANUFACTURER AND ARCHITECT PRIOR TO ROUGH-IN. RUN ALL WIRING CONCEALED WITHIN MILLWORK VIA BUILT-IN CONDUIT OPENINGS OVER TO NEW WALL CONSTRUCTION AND EXTEND OVERHEAD.
- PROVIDE DUAL-CHANNEL, NON-METALLIC SURFACE RACEWAY SYSTEM SIMILAR TO WIREMOLD 5400 SERIES. VERIFY COLOR OF RACEWAY WITH ARCHITECT PRIOR TO ORDERING. PROVIDE DEVICES AS SHOWN. VERIFY EXACT MOUNTING HEIGHT OF RACEWAY WITH OWNER PRIOR TO ROUGH-IN UNLESS NOTED OTHERWISE.
- INDICATES VERTICAL RUN OF DUAL-CHANNEL SURFACE RACEWAY SYSTEM UP TO ACCESSIBLE CEILING PLENUM.
- PROVIDE DUPLEX RECEPTACLE FLUSH IN CEILING FOR CEILING PROJECTOR POWER. WIRE AS INDICATED OR EXTEND EXISTING WIRING FROM CEILING PROJECTOR LOCATION IN ROOMS WHERE NOTED ON DEMOLITION DRAWINGS. COORDINATE EXACT MOUNTING LOCATION WITH OWNER PRIOR TO ROUGH-IN. PROVIDE PLENUM RATED HDMI CABLE FROM PROJECTOR TO EXISTING INSTRUCTOR'S DESK AREA. WHERE NEW LOCATION IS INDICATED, PROVIDE TO THIS LOCATION. PROVIDE CABLE LENGTH AS REQUIRED, BUT MINIMUM 35' IN LENGTH, AND SUPPORT 4K30 4:4:4 (4K60 4:2:0). AT THE INSTRUCTOR'S DESK, PROVIDE KEYSTONE PLATE, HDMI KEYSTONE JACK RATED TO SUPPORT HDMI 2.2 AND HDMI 1.4* ADAPTER RATED TO SUPPORT HDMI 2.2. ALL SYSTEMS MUST BE TESTED TO ENSURE FULL COMPATIBILITY AND FUNCTIONALITY. RUN IN EXISTING RACEWAY AND INSTALL IN EXISTING BOX.
- MOUNT OUTLET ABOVE EXISTING HORIZONTAL DUAL-CHANNEL SURFACE RACEWAY. COORDINATE EXACT HEIGHT AND LOCATION WITH OWNER IN FIELD PRIOR TO ROUGH-IN.
- PROVIDE NEW RACEWAY COVERS AS REQUIRED FOR EXISTING RACEWAY SECTIONS WHERE EXISTING DATA/TELEPHONE OUTLETS ARE BEING REMOVED. VERIFY REQUIRED COVER LENGTHS AND RACEWAY TYPE AND MANUFACTURER IN THE FIELD PRIOR TO ORDERING EQUIPMENT.
- COORDINATE EXACT MOUNTING LOCATION AND HEIGHT WITH OWNER PRIOR TO ROUGH-IN FOR TV MONITOR/LED SCREEN OR LED DIGITAL DISPLAY.
- PROVIDE SURFACE MOUNTED QUAD RECEPTACLE IN THE BACK OF EACH SHELVING UNIT SPACE (TOTAL OF 8 SHELVING SPACES VERTICALLY) FOR CHARGING USE. WIRE (3) RECEPTACLES PER CIRCUIT. VERIFY EXACT MOUNTING LOCATION OF ALL (6) RECEPTACLES WITH OWNER PRIOR TO ROUGH-IN OF EACH DEVICE WITHIN SHELVING UNIT.
- CONNECT CABINET HEATER TO NEAREST EXISTING 120V UNSWITCHED CORRIDOR RECEPTACLE CIRCUIT VIA 2 #12 & #120-3/4".
- CONNECT INDOOR UNIT (DAC) TO ASSOCIATED ROOFTOP CONDENSING UNIT TERMINAL BLOCK WITH WIRING (QUANTITY AND SIZE) PER MANUFACTURER RECOMMENDATIONS IN 3/4" CONDUIT.
- MOUNT DEVICES UP HIGH ON WALL AT PROJECTOR HEIGHT. ALIGN DEVICES SO THEY ARE CENTERED ON THE EXISTING STAGE PROJECTION SCREEN. FIELD VERIFY EXACT MOUNTING LOCATION WITH OWNER PRIOR TO ROUGH-IN.
- PORTABLE THEATRICAL LIGHTING CONSOLE RECEPTACLE STATION. SEE SPECIFICATION SECTION 265561.
- MOUNT OUTLET IN EXISTING DUAL-CHANNEL SURFACE RACEWAY AND RUN CABLEING VIA RACEWAY. PROVIDE NEW COVER PLATE FOR DEVICE TO MATCH EXISTING RACEWAY TYPE.
- LOCATE REMOTE INTERCOM RACK INSIDE BASE CABINET AND PROVIDE POWER AND DATA AS INDICATED. SEE SPECIFICATIONS FOR REMOTE RACK INFORMATION.
- COORDINATE INSTALLATION OF DEVICE WITH MILLWORK/CABINET MANUFACTURER AND ARCHITECT PRIOR TO ROUGH-IN. RUN ALL WIRING CONCEALED WITHIN MILLWORK OVER TO NEW WALL CONSTRUCTION AND EXTEND OVERHEAD.
- DISCONNECT (2) 480V-3Ø BRANCH WIRING CIRCUITS (CKTS. 1,3,5 & 7,9,11 LABELED WALK-IN CONDENSING UNITS) FROM PANEL AND REMOVE WIRING BACK TO POINT IN STEEL STRUCTURE ABOVE PANEL. PROVIDE JUNCTION BOX IN STEEL STRUCTURE. SPLICE WIRING AND EXTEND 6 #12 & #120-3/4" CONCEALED ABOVE ACCESSIBLE CEILINGS TO PANEL 'NC1' LOCATED IN MECH. D-118 AND CONNECT TO 15A/3P BREAKERS.
- DISCONNECT (1) 120V-1Ø BRANCH WIRING CIRCUIT (CKT. 11 LABELED REFRIG. EVAP. FAN) FROM PANEL AND REMOVE WIRING BACK TO POINT IN STEEL STRUCTURE ABOVE PANEL. PROVIDE JUNCTION BOX IN STEEL STRUCTURE. SPLICE WIRING AND EXTEND 2 #12 & #120-3/4" CONCEALED ABOVE ACCESSIBLE CEILINGS TO PANEL 'NC2' LOCATED IN MECH. D-118 AND CONNECT TO 20A/1P BREAKER.
- DISCONNECT (1) 208V-1Ø BRANCH WIRING CIRCUIT (CKT. 25,27 LABELED FREEZER EVAP. DEFROST CYCLE) FROM PANEL AND REMOVE WIRING BACK TO POINT IN STEEL STRUCTURE ABOVE PANEL. PROVIDE JUNCTION BOX IN STEEL STRUCTURE. SPLICE WIRING AND EXTEND 2 #12 & #120-3/4" CONCEALED ABOVE ACCESSIBLE CEILINGS TO PANEL 'NC2' LOCATED IN MECH. D-118 AND CONNECT TO 15A/2P BREAKER.
- CONNECT EXHAUST FAN TO ROOM LIGHTING SWITCH. PROVIDE REQUIRED CONTACTOR/RELAY TO CONTROL 120V FAN WITH 277V LIGHT SWITCH AND ROOM LIGHTING. PROVIDE THERMAL SWITCH ADJACENT TO MOTOR ABOVE ACCESSIBLE CEILING.
- PROVIDE JUNCTION BOX ABOVE CEILING ADJACENT TO HVAC UNIT AND MAKE HARD-WIRED CONNECTION TO CONDENSATE PUMP. COORDINATE PUMP LOCATION WITH H.C.
- PROVIDE FREE-STANDING EQUIPMENT RACK WITH HORIZONTAL UNISTRUT SUPPORTS FOR ATTACHMENT OF EQUIPMENT. PROVIDE VERTICAL UNISTRUT SUPPORTS FOR RACK AND ATTACH SUPPORTS SECURELY TO CONCRETE FLOOR AND OVERHEAD STRUCTURE AS REQUIRED. COORDINATE RACK LOCATION WITH H.C. SO AS NOT TO INTERFERE WITH HVAC PIPING AND CLEARANCES.

60A-3P POWER MODULE SWITCH. RECONNECT TO EXISTING ELEVATOR CONTROLLER MAIN POWER UNIT AS REQUIRED. PROVIDE FIRE ALARM CONNECTIONS PER MANUF. REQUIREMENTS SO THAT POWER IS INTERRUPTED UPON SPRINKLER ACTIVATION.

ALL WIRING IN PIT TO BE IN LIQUID-TIGHT CONDUIT AND FITTINGS WITH WATER-TIGHT BOXES. PROVIDE PHONE PATCH CORD FROM OUTLET JACK TO ELEVATOR CONTROLLER IN MACHINE ROOM. PROVIDE TVSS SURGE PROTECTION DEVICE ON CONTROLLER SIMILAR TO CURRENT TECHNOLOGY LOAD GUARD. PROVIDE LINEAR HEAT DETECTOR SYSTEM AND AIR-SAMPLING SMOKE DETECTORS PER SPECIFICATIONS FOR ELEV. PIT AND TOP OF SHAFT. LOCATE DETECTORS OUTSIDE OF SHAFT SPACE.

INTEGRATE NEW FIRE ALARM SYSTEM TO EXISTING ELEVATOR CONTROLS AS REQUIRED FOR ELEVATOR RECALL FUNCTION. COORDINATE WORK WITH G.C./E.C. SHALL COORDINATE ALL NEW EQUIPMENT LOCATIONS IN ROOM WITH ELEVATOR EQUIP. MANUFACTURER PRIOR TO INSTALLATION.

IDF #2: REFER TO ENLARGED PLAN ON DWG E-13.

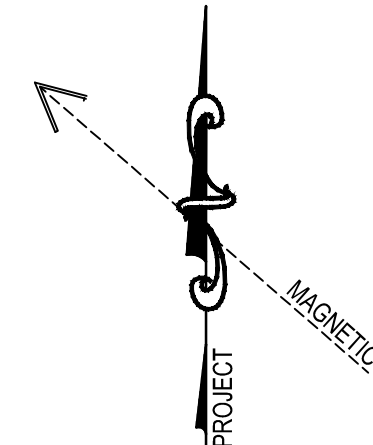
LP3-2,4,6
3 #4 & #4G-1 1/4"

NC3-23

EXIST. CAR LIGHTS
DISCONNECT SWITCH
LOCATED IN
ELEV. PIT

LOCATE
ADJACENT
TO ELEV. PIT

ROUTE 3" EMT CONDUIT SLEEVE FROM CRAWL SPACE INTO PIPE CHASE AT TOILET AREA AND EXTEND UP THRU FLOOR ABOVE INTO MDF ROOM FOR FIBER OPTIC SERVICE CABLE EXTENSION BY BLUE RIDGE CABLE COMPANY. SEE DWG. E-3 FOR ADDITIONAL INFORMATION.



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GROUND FLOOR PLAN - AREA A - POWER
RENOVATIONS TO THE
REAMTOWN ELEMENTARY SCHOOL
COCALICO SCHOOL DISTRICT
SOUTH REAMTOWN ROAD, REAMTOWN, PENNSYLVANIA, LANCASTER COUNTY, PA.

ALL DIMENSIONS AND EXISTING CONDITIONS
SHALL BE CHECKED AND VERIFIED
BY THE CONTRACTOR AT THE SITE.
JOB NO.: 22011.00
DRAWN BY: DS
DATE: 04.14.23

E-A3

KEY PLAN
NO SCALE