FULLY SPRINKLERED

ELECTRICAL ABBREVIATIONS

1P SINGLE POLE
4W FOUR-WIRE

A/C UNIT AIR CONDITIONING UNIT
A/E ARCHITECT/ENGINEER
AAP ALARM ANNUNCIATOR PANEL
AC ALTERNATING CURRENT OR ARMORED CABLE
ADO AUTOMATIC DOOR OPENER
AF AMPERE FRAME OR AMP FUSE
AFF ABOVE FINISHED FLOOR
AFG ABOVE FINISHED GRADE
AH AMPERE HOUR
AHJ AUTHORITY HAVING JURISDICTION
AIC AMPERE INTERRUPTING CAPACITY
ALT ALTERNATE
AMP AMPERE
ARCH ARCHITECT
ASC AMPS SHORT CIRCUIT
AT AMPERE TRIP
ATS AUTOMATIC TRANSFER SWITCH
AUTO AUTOMATIC
AV AUDIO VISUAL

BIL BASIC INSULATION LEVEL
BLDG BUILDING
BRKR BREAKER
BYP BY PASS

C CONDUIT
CAB CABINET
CATV COMMUNITY ANTENNA TELEVISION
CCTV CLOSED CIRCUIT TELEVISION
cd CANDELA
CF CONTRACTOR FURNISHED
CF/CI CONTRACTOR FURNISHED/CONTRACTOR INSTALLED
CF/OI CONTRACTOR FURNISHED/OWNER INSTALLED
CFE CONTRACTOR FURNISHED EQUIPMENT
CHW CHILLED WATER
CHWP CHILLED WATER PUMP
CKT CIRCUIT
CKT BRKR CIRCUIT BREAKER
CLG CEILING
CMU CONCRETE MASONRY UNIT
COAX COAX CABLE
COMM COMMUNICATION
CPT CONTROL POWER TRANSFORMER
CRI COLOR RENDERING INDEX
CT CURRENT TRANSFORMER
CTV CABLE TELEVISION
CU COPPER

DB DECIBEL OR DIRECT BURIAL
DEMO DEMOLITION
DIAG DIAGRAM
DISC DISCONNECT
DISTR DISTRIBUTION
DISTR PNL DISTRIBUTION PANEL
DN DOWN
DPDT DOUBLE POLE, DOUBLE THROW
DPST DOUBLE POLE, SINGLE THROW
DS DISCONNECT SWITCH
DWG DRAWING

EC EMPTY CONDUIT
EG EQUIPMENT GROUND
ELEC ELECTRIC OR ELECTRICAL
ELEV ELEVATOR
EMER EMERGENCY
EMI ELECTROMAGNETIC INTERFERENCE
EMT ELECTRICAL METALLIC TUBING
EPO EMERGENCY POWER OFF
EWC ELECTRIC WATER COOLER
EWH ELECTRIC WATER HEATER
EXIST EXISTING
EX/R EXISTING TO BE RELOCATED

FA FIRE ALARM
FAAP FIRE ALARM ANNUNCIATOR PANEL
FACP FIRE ALARM CONTROL PANEL
FC FOOTCANDLE
FI FILM ILLUMINATOR
FIXT FIXTURE
FLA FULL LOAD AMPS
FLEX FLEXIBLE METALLIC CONDUIT

FLUOR FLUORESCENT
FP FIRE PROTECTION
FT FEET OR FOOT
FU SW FUSED SWITCH
FVNR FULL VOLTAGE NON-REVERSING

G OR GND GROUND OR GENERATOR
GEN GENERATOR
GFCI GROUND FAULT CIRCUIT INTERRUPTER
GTB GROUND TERMINAL BOX

HID HIGH INTENSITY DISCHARGE
HOA HAND-OFF-AUTOMATIC
HP HORSEPOWER
HT HEIGHT
HZ HERTZ

IESNA ILLUMINATION ENGINEERING SOCIETY OF NORTH AMERICA
INCAND INCANDESCENT
IR INFRARED
IWH INSTANTANEOUS WATER HEATER

J-BOX JUNCTION BOX

kV KILOVOLT
kVA KILOVOLT AMPERE
kVAR KILOVOLT AMPERE REACTIVE
kW KILOWATT

LED LIGHT EMITTING DIODE
LF LINEAR FEET (FOOT)
LM LUMEN
LP LIGHT POLE
LRA LOCKED ROTOR AMPS
LT LIGHT
LTG LIGHTING
LTNG LIGHTNING
LV LOW VOLTAGE

MATV MASTER ANTENNA TELEVISION SYSTEM
MAX MAXIMUM
MCA MINIMUM CIRCUIT AMPS
MCB MAIN CIRCUIT BREAKER
MCC MOTOR CONTROL CENTER
MDP MAIN DISTRIBUTION PANEL
MH MANHOLE
MIN MINIMUM
MOCP MAXIMUM OVERCURRENT PROTECTION
MLO MAIN LUGS ONLY
MT MOUNT
MTD MOUNTED
MTG MOUNTING
MTS MANUAL TRANSFER SWITCH
MV MEDIUM VOLTAGE

NA NOT APPLICABLE
NEC NATIONAL ELECTRICAL CODE
NEMA NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NEUT OR N NEUTRAL
NFPA NATIONAL FIRE PROTECTION ASSOCIATION
NIC NOT IN CONTRACT
NL NIGHT LIGHT
NO NORMALLY OPEN
NTS NOT TO SCALE
OC ON CENTER
OD OUTSIDE DIAMETER
OL OVERLOAD
PA PUBLIC ADDRESS
PB PANELBOARD, PULL BOX, OR PUSHBUTTON
PBPU PREFABRICATED BEDSIDE PATIENT UNIT
PCB POLYCHLORINATED BIPHENYL
PF POWER FACTOR
PH PHASE
PNL PANEL
PT POTENTIAL TRANSFORMER
PWR POWER

RCP REFLECTED CEILING PLAN
REC RECESSED
RECPT RECEPTACLE
RGS RIGID GALVANIZED STEEL
REQD REQUIRED

SCC SHORT CIRCUIT CAPACITY
SPEC SPECIFICATION
SPST SINGLE POLE, SINGLE THROW
SURF SURFACE
SW SWITCH
SWBD SWITCHBOARD
SWGR SWITCHGEAR

TEL TELEPHONE
TP TWISTED PAIR
TPS TWISTED PAIR SHIELDED
TV TELEVISION
TYP TYPICAL

UGND UNDERGROUND
UL UNDERWRITERS LABORATORY
UPS UNINTERRUPTIBLE POWER SUPPLY
UTIL UTILITY

V VOLT
VA VOLT AMPERE
VAR VOLT AMPERE REACTIVE
VFD VARIABLE FREQUENCY DRIVE
VOLT VOLTAGE

W WATT
WP WEATHERPROOF

XFER TRANSFER
XFMR TRANSFORMER

ELECTRICAL SYMBOLS - DIAGRAM

DELTA CONNECTION
MOTOR, SINGLE-PHASE
MOTOR, THREE-PHASE
TRANSFORMER
WYE CONNECTION
EARTH GROUND
JUNCTION BOX
PB — PULL BOX
NORMALLY CLOSED RELAY CONTACT
NORMALLY OPEN RELAY CONTACT
FUSE WITH RATING
MOLDED CASE CIRCUIT BREAKER
LOW-VOLTAGE DRAWOUT AIR CIRCUIT BREAKER
HIGH-VOLTAGE OIL CIRCUIT BREAKER
HIGH-VOLTAGE DRAWOUT AIR CIRCUIT BREAKER
SWITCH AND FUSE UNIT
G — GENERATOR, POWER
POTHEAD
STRESS CONE
LIGHTNING ARRESTOR
M — METER
A — AMMETER
V — VOLTMETER
W — WATTMETER
WH — WATT-HOUR METER

ELECTRICAL SYMBOLS - POWER PLAN

DISCONNECT SWITCH, FUSED
DISCONNECT SWITCH, UNFUSED
STARTER, COMBINATION WITH DISCONNECT SWITCH
STARTER OR MOTOR CONTROLLER
VFD — VARIABLE FREQUENCY DRIVE
VENTILATOR OR FAN COIL UNIT OUTLET
CONDUIT TERMINATED 6" [152mm] AFF IN STANDARD BOX FOR EXTENSION TO EQUIPMENT AS DIRECTED.
DASHED SYMBOL INDICATES ITEM TO BE REMOVED.
CONDUIT TERMINATED W/COUPLING (FLUSH W/FINISHED FLOOR) FOR EXTENSION TO EQUIPMENT AS DIRECTED.
$2 — SWITCH
F = FUSED SWITCH K = KEY OPERATED L = LOCK
LM= LOW VOLTAGE MASTER M = MANUAL MOTOR STARTING
MC= MOMENTARY CONTACT MP= MOTOR SNAP WITH PILOT LIGHT
P = WITH PILOT LIGHT (THERMAL TYPE) PB= PUSH BUTTON STATION
2= TWO POLE 3= THREE WAY 4= FOUR WAY RC= REMOTE CONTROL
WP= WEATHER PROOF X = EXPLOSION PROOF D= DIMMER
MOTOR
T — TRANSFORMER, PLAN
WYE CONNECTION
EARTH GROUND
JUNCTION BOX
BASKET TYPE CABLE TRAY, WIDTH/HEIGHT IN INCHES INDICATED
W W — WIREWAY
RC — RIGID CONDUIT LINE = RC
DB — DIRECT BURIAL CABLE = DB
P — POWER DUCT = P
FLOOR OUTLET, DATA COMMUNICATION
PUSH BUTTON
DP# — DISTRIBUTION PANEL
PANELBOARD CABINET, FLUSH MOUNTED
PANELBOARD CABINET, SURFACE MOUNTED
RECEPTACLE, DUPLEX, MTD. 18" AFF
EM — RECEPTACLE, DUPLEX ON EMERGENCY POWER, MTD. 18" AFF
GFCI — RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, MTD. 18" AFF

RECEPTACLE, QUADRAPLEX, MTD. 18" AFF
RECEPTACLE, SINGLE, MTD 8" AFF
RECEPTACLE, DUPLEX, MTD. 46" AFF
RECEPTACLE, SPECIAL PURPOSE (REFER TO PLAN NOTES)
RECEPTACLE, DUPLEX, CEILING MTD (FLUSH)
PM — ELECTRICAL STRIP MOLD (OUTLETS ON 2'-0" [610mm] CENTERS OR AS DESIGNATED ON DRAWINGS), MTD 3'-6" [1067mm] AFF OR AS INDICATED.
BRANCH CIRCUIT HOMERUN. ARROWS INDICATE NUMBER OF CIRCUITS. ONE SEPARATE NEUTRAL AND GREEN GROUNDING CONDUCTOR SHALL BE PROVIDED FOR EACH CIRCUIT.
RECEPTACLE, SPECIAL PURPOSE (REFER TO PLAN NOTES)

ELECTRICAL SYMBOLS - LIGHTING PLAN

LIGHT FIXTURE CEILING MOUNTED.
EMERGENCY LIGHT, WALL MTD 7'-6" AFF UNLESS OTHERWISE NOTED.
LIGHT FIXTURE, RECESSED FLUORESCENT, 2'x4' SUBSCRIPT INDICATES TYPE.
LIGHT FIXTURE, RECESSED FLUORESCENT, EMERGENCY 2'x4'; SUBSCRIPT INDICATES TYPE.
LIGHT TRACK WITH HEADS AS SHOWN
LIGHT FIXTURE, WALL MOUNTED 7'-6" AFF UNLESS OTHERWISE NOTED.
LIGHTING, TWO HEAD EMERGENCY BATTERY POWER
LIGHT POLE, ONE LUMINAIRE
LIGHT POLE, TWO LUMINAIRES
EXIT SIGN, WALL MOUNTED WITH DIRECTIONAL ARROWS AND FACES AS SHOWN
EXIT SIGN, CEILING MOUNTED WITH DIRECTIONAL ARROWS AND FACES AS SHOWN
OS — DUAL TECHNOLOGY (PASSIVE INFRARED AND/OR ULTRASONIC) OCCUPANCY SENSOR. PROVIDE 1/8" SCALE FLOOR PLANS WITH MANUFACTURER'S RECOMMENDED LAYOUT AND COVERAGE PATTERN DURING SHOP DRAWING REVIEW. SUBMITTALS MISSING THIS INFORMATION WILL BE REJECTED.
E — EMERGENCY SHUNT/CONTROL RELAY.

COMMUNICATION SYMBOLS

VOICE/DATA OUTLET (18" MH). PROVIDE 1" CONDUIT TO LOCAL CABLE TRAY ABOVE ACCESSIBLE CORRIDOR CEILING. REFER TO DETAIL SHEET E7.
WP — TELEPHONE OUTLET; WALL TYPE 54" MH. PROVIDE 1" CONDUIT TO LOCAL CABLE TRAY ABOVE ACCESSIBLE CORRIDOR CEILING. REFER TO DETAIL SHEET E7.
AP — NEW ABOVE CEILING WAP OUTLET, 1-DATA ONLY. REFER TO DETAIL SHEET E7.
AP EX/R — AP EX/R — EXISTING CEILING MOUNTED ACCESS POINT TO BE REMOVED AND RE-INSTALLED IN NEW CEILING. PROVIDE NEW DATA DROP AS DETAILED ON SHEET E7.
AP R — EXISTING CEILING ACCESS POINT TO BE REMOVED (INCLUDING CABLING) AND TURNED OVER TO OWNER.
SC — RECESSED CEILING SPEAKER FOR PAGING SYSTEM.
SC EX/R — SC EX/R — EXISTING CEILING MOUNTED PAGING SPEAKER TO BE REMOVED AND RE-INSTALLED IN NEW CEILING.
CATV OUTLET (84" MH). PROVIDE 1" CONDUIT TO LOCAL CABLE TRAY ABOVE ACCESSIBLE CORRIDOR CEILING. REFER TO DETAIL SHEET E7.
CM — J-HOOK CABLE MANAGEMENT SYSTEM MAJOR PATHWAY. PROPOSED LOCATIONS FOR BIDDING PURPOSES ONLY. REFER TO SPECIFICATIONS FOR CABLE MANAGEMENT SYSTEMS REQUIREMENTS.
CONDUIT SLEEVE WITH FIRE/SMOKE STOP ASSEMBLY FOR LOW VOLTAGE CABLING. 2" CONDUIT SIZE UNLESS OTHERWISE NOTED.

NURSE CALL SYMBOLS

NCT — NURSE CALL TERMINAL CABINET
M — NURSE CALL MASTER STATION ON COUNTER TOP. SUBSCRIPT "VM" INDICATES VISUAL MASTER LCD TOUCH SCREEN AND PC.
T — NURSES CALL STATION - MTD 6'-0" AFF FOR SHOWER LOCATION
- MTD 4'-6" AFF FOR TUB LOCATION
- MTD 3'-0" AFF FOR TOILET LOCATION
P — NURSES CALL PATIENT STATION, PILLOW SPEAKER/TV/LIGHTING CONTROLLER - MTD 5'-0" AFF.
D — NURSE'S CALL DUTY STATION MTD 5'-0". AFF UNLESS OTHERWISE NOTED.
S — NURSE'S CALL STAFF STATION MTD 5'-0". AFF UNLESS OTHERWISE NOTED.
S P — NURSE'S CALL STAFF PRESENCE STATION MTD 5'-0". AFF UNLESS OTHERWISE NOTED.
B — EMERGENCY CODE BLUE BUTTON MTD 5'-0". AFF UNLESS OTHERWISE NOTED.
∅ — NURSE'S CALL CORRIDOR DOME LIGHT. "I" DESIGNATION INDICATES INTERSECTIONAL ZONE INDICATOR.
S NA — VISUAL ANNUNCIATOR WITH INTERCOM MTD. 5'-0" AFF.

ELECTRONIC SAFETY AND SECURITY SYMBOLS

FANP — ALARM, FIRE, NETWORK COMMUNICATOR PANEL.
FACP — ALARM, FIRE, PANEL; LETTERS INDICATE AS FOLLOWS:
FACC = CENTRAL CONSOLE FACP = CONTROL PANEL
MFACP= MASTER CONTROL PANEL FAAP = ANNUNCIATOR PANEL
FATC — ALARM, FIRE, TERMINAL CABINET.
FARP — ALARM, FIRE, REMOTE ANNUNCIATOR PANEL
F — ALARM, FIRE, MANUAL PULL STATION, MTD. 80" AFF
F AR — AREA OF RESCUE REMOTE STATION, MTD 46" AFF. REFER TO DETAIL 2/211-E10
F AM — AREA OF RESCUE MASTER STATION. REFER TO DETAIL 2/211-E10
F — ALARM, SPEAKER/LIGHT, ONE ASSEMBLY, MTD. 80" AFF
L — ALARM, SIGNAL LIGHT, STROBE, MTD. 80" AFF
V — ALARM, VALVE TAMPER SWITCH
W — DETECTOR, FLOW SWITCH
H — DETECTOR, HEAT
S — DETECTOR; SMOKE
S — DETECTOR, SMOKE, FOR DUCT
SR — DUCT DETECTOR REMOTE TEST STATION
ZAM — FIRE ALARM MONITORING/CONTROL MODULE
DH — ELECTROMAGNETIC TYPE DOOR HOLDER OUTLET
P — PUSHPLATE DOOR CONTROLS FURNISHED BY THE DOOR EQUIPMENT SUPPLIER AND INSTALLED BY THE E.C. (30" M.H.).
A — ELECTRIC DOOR OPERATOR, INCLUDING RELAYS, OPERATING SWITCHES AND LIMIT SWITCHES SHALL BE FURNISHED BY THE DOOR EQUIPMENT SUPPLIER AND INSTALLED BY THE E.C. IN ACCORDANCE WITH APPROVED WIRING DIAGRAMS BY THE EQUIPMENT SUPPLIER (120 VOLT SINGLE PHASE OPERATION).
HD — ELECTRIC HAND DRYER.
UV — UNIT VENTILATOR BY DIV. 23.
FC — FAN COIL UNIT BY DIV. 23.
UH — UNIT HEATER BY DIV. 23.
PB — PULLBOX
EB — ELECTRIC BASEBOARD HEATER.
CC EX/R — CC EX/R — EXISTING CLOSED CIRCUIT SECURITY CAMERA TO BE REMOVED AND RE-INSTALLED IN NEW CEILING, INCLUDING EXTENSION OF EXISTING CABLING.

Project Seeking LEED Certification.
See Specification Section 01 81 13.

SHEET LIST

Sheet Number	Sheet Name
E1	SYMBOLS
E2	LIGHTING FIXTURE DESCRIPTIONS
E3	LIGHTING FIXTURE DESCRIPTIONS
E4	ELECTRIC SINGLE LINE - SECONDARY
E5	MOTOR STARTER AND DISTRIBUTION SCHEDULES
E6	PANELBOARD SCHEDULES
E7	TECHNOLOGY RISER DIAGRAM AND DETAILS
E8	EXISTING TECHNOLOGY RISER
E9	PARTIAL CAMPUS PLAN
E10	NEW SIGNALS CLOSET DETAILS
E11	DOOR ROUGH-IN DETAILS
211 - E1	BASEMENT FLOOR PLAN - REMOVALS
211 - E2	FIRST AND SECOND FLOOR PLANS - REMOVALS
211 - E3	ATTIC FLOOR PLAN - REMOVALS
211 - E4	BASEMENT FLOOR PLAN - LIGHTING
211 - E5	FIRST FLOOR PLAN - LIGHTING
211 - E6	SECOND FLOOR PLAN - LIGHTING
211 - E7	BASEMENT FLOOR PLAN - POWER
211 - E8	FIRST FLOOR PLAN - POWER
211 - E9	SECOND FLOOR PLAN - POWER
211 - E10	BASEMENT FLOOR PLAN - SIGNALS
211 - E11	FIRST FLOOR PLAN - SIGNALS
211 - E12	SECOND FLOOR PLAN - SIGNALS
211 - E13	ATTIC FLOOR PLAN - LIGHTING
211 - E14	ATTIC FLOOR PLAN - POWER AND SIGNALS
211 - E15	ROOF PLAN - NEW WORK
211 - E16	CENTER WING FIRST FLOOR PLAN - SIGNALS
211 - E17	CENTER WING SECOND FLOOR PLAN - SIGNALS
211 - E18	OVERALL FIRST FLOOR PLAN
211 - E19	OVERALL SECOND FLOOR PLAN

Revisions	Date

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Drawing Title: SYMBOLS
Approved: Project Director

Project Title: RENOVATE CLC BUILDING 211 WEST
Location: Chillicothe, Ohio
Date: 09/06/2013 | Checked: LLC | Drawn: MSG

Project No. VA Project No. 538-107 JPA Project No. 11001.00
Building Number: 211
Drawing Number: E1
Dwg. 103 of 132

Office of Construction and Facilities Management
Department of Veterans Affairs

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SPECIFICATION GRADE CHAIN HUNG INDUSTRIAL, NOMINAL 14" X 4' IN SIZE AND APPROXIMATELY 6" DEEP.

HOUSING: CODE GAUGE STEEL HOUSING WITH LONGITUDINAL REINFORCING RIBS. SEPARATE NON-CAPTIVE STUD FOR FIXTURE GROUNDING. DESIGNED FOR INDIVIDUAL OR CONTINUOUS ROW MOUNTING. SPRING LOADED TURRET LAMP HOLDERS. WIRE GUARD.

REFLECTOR: DIE-EMBOSSED STEEL WITH TRANSVERSE RIBS FOR RIGIDITY. 10%-15% UPLIGHT APERTURES.

FINISH: MULTI-STAGE PHOSPHATE BONDING TREATMENT AND HIGH REFLECTANCE BAKE ENAMEL.

LAMPS: TWO RAPID START 32W-T8 LAMPS, MIN CRI OF 85, 4100K.

BALLAST: HPF ELECTRONIC PROGRAMMED RAPID START BALLAST, 0.88BF, 120/277V.

LOCATION: CHAIN MOUNT AT 7'-6" AFF UNLESS NOTED OTHERWISE.

FLUORESCENT INDUSTRIAL FIXTURE — E / C1

SPECIFICATION GRADE RECESSED FLUORESCENT LIGHTING TROFFER WITH LUMINOUS HIGH EFFICIENCY LENS PANELS, NOMINAL 2' X 4' IN SIZE AND APPROXIMATELY 4.5 INCHES DEEP.

HOUSING: DIE FORMED AND EMBOSSED CODE GAUGE STEEL. END CAPS HINGED AND SCREWED TO HOUSING FOR RIGIDITY. DESIGNED FOR INSTALLATION IN CEILING TYPE SHOWN ON ARCHITECTURAL DRAWINGS. INTEGRAL T-BAR CLIPS. HARDWARE FOR MINIMUM 4 POINTS OF SUPPORT. SEPARATE NON-CAPTIVE STUD FOR FIXTURE GROUNDING.

OPTICS: HIGH TRANSMISSION EXTRUDED ACRYLIC. S/MH 1.2, 86% EFFICIENCY MIN.

FINISH: MULTI-STAGE PHOSPHATE BONDING TREATMENT AND SOFT NON-GLARE HIGH REFLECTANCE POWDER COAT.

DOOR: FLUSH FRAME-LESS HINGED DOOR WITH INCONSPICUOUS CAM ACTION LATCHES.

LAMPS: TWO RAPID START 32W-T8 LAMPS, MIN CRI OF 85, 4100K.

BALLAST: HPF ELECTRONIC PROGRAMMED RAPID START BALLAST, 0.88BF, 120/277V.

VARIATIONS:

EF1a: TWO LAMP FIXTURE WITH PROGRAMMED RAPID START STEP DIMMING BALLAST.

EF1b: 2'x2' FIXTURE WITH TWO 17W T8 LAMPS.

RECESSED FLUORESCENT FIXTURE — E / F1

SPECIFICATION GRADE RECESSED FLUORESCENT LIGHTING TROFFER WITH FLAT LOW-BRIGHTNESS LENS PANEL, NOMINAL 2' X 4' IN SIZE AND APPROXIMATELY 4.25 INCHES DEEP.

HOUSING: DIE FORMED AND EMBOSSED CODE GAUGE STEEL. END CAPS HINGED AND SCREWED TO HOUSING FOR RIGIDITY. DESIGNED FOR INSTALLATION IN CEILING TYPE SHOWN ON ARCHITECTURAL DRAWINGS. INTEGRAL T-BAR CLIPS. HARDWARE FOR MINIMUM 4 POINTS OF SUPPORT. SEPARATE NON-CAPTIVE STUD FOR FIXTURE GROUNDING.

REFLECTOR: HIGH REFLECTANCE BAKED WHITE ENAMEL AND SPECULAR SILVER INSERT.

FINISH: MULTI-STAGE PHOSPHATE BONDING TREATMENT AND HIGH REFLECTANCE BAKED WHITE ENAMEL.

SHIELDING: 100% PRISMATIC VIRGIN ACRYLIC, PATTERN 12, .125" THICK (NOMINAL). FLUSH DOOR WITH MITRED CORNERS, INCONSPICUOUS CAM ACTION LATCHES.

LAMPS: RAPID START 32W-T8 LAMPS, MIN CRI OF 85, 4100K.

BALLAST: HPF ELECTRONIC PROGRAMMED RAPID START BALLAST, 0.88BF, 120/277V.

VARIATIONS:

EF2: TWO LAMP FIXTURE WITH ONE STANDARD BALLAST.

EF2a: TWO LAMP FIXTURE WITH PROGRAMMED RAPID START STEP DIMMING BALLAST.

EF3: THREE LAMP FIXTURE WITH TWO STANDARD BALLASTS WHERE DUAL LEVEL SWITCHING IS SHOWN ON PLANS.

EF4: THREE LAMP WET LOCATION LISTED FIXTURE WITH ALUMINUM FRAME

EF5: 2' x 2' FIXTURE WITH 2-17W T8 LAMPS.

RECESSED FLUORESCENT FIXTURE — E / Fx

HOUSING AND CANOPY: MARINE GRADE VINYL CLAD ALUMINUM.

DOOR FRAME: HINGED WITH ALUMINUM REINFORCED POLYCARBONATE SHIELD.

FINISH: WHITE

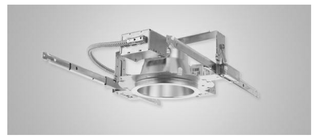
INSCRIPTION PANEL(S): RED L.E.D. 6" LETTERS

LAMPS: MULTIPLE L.E.D. LAMP ASSEMBLY WITH MINIMUM OF 20,000 HOURS LIFE.

VARIATIONS: TYPE EX2 DENOTE DOUBLE FACED FIXTURES. FURNISHED FIXTURES WITH DIRECTIONAL ARROWS WHERE SHOWN ON DRAWINGS AND WIRED FOR 120/277-VOLT OPERATION AS INDICATED.

LOCATION: CEILING MOUNT WHERE SHOWN. WALL MOUNT AT 7'-4" AFF WHERE SHOWN UNLESS OTHERWISE NOTED.

TOP MOUNTED EXIT LIGHT — E / X1



SPECIFICATION GRADE FLUORESCENT RECESSED DOWNLIGHT, NOMINAL 6" DIA.

HOUSING: 16 GAUGE GALVANIZED STEEL MOUNTING/PLASTER FRAME AND BARS WITH INTEGRAL YOKE TO RETAIN OPTICAL SYSTEM.

REFLECTOR: SEMI-SPECULAR SILVER REFLECTOR.

LAMPS: ONE 4 PIN 32W TRIPLE TUBE CFL, MIN CRI OF 80, 4100K.

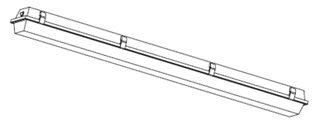
BALLAST: HPF ELECTRONIC PROGRAMMED RAPID START BALLAST, 0.95 BF, 120/277V.

VARIATIONS:

EN1a: AS LISTED ABOVE WITH WALL WASH REFLECTOR.

EN2: FLUORESCENT SHOWER LIGHT PROVIDED BY DIV. 01 WITH SHOWER ENCLOSURE.

RECESSED FLUORESCENT DOWNLIGHT — E / N1



SPECIFICATION GRADE LOW PROFILE FLUORESCENT LIGHTING FIXTURE WITH ACRYLIC LENS, NOMINAL 4.25" DP x 7.25" WIDE x 52"L IN SIZE.

HOUSING: MOLDED FIBERGLASS 5V-A HOUSING. SEPARATE NON-CAPTIVE STUD FOR FIXTURE GROUNDING. IP67 RATED

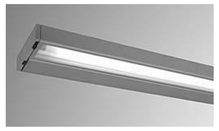
REFLECTOR: PAINTED WHITE INTERNAL METAL.

LAMPS: RAPID START 32W-T8 LAMPS, MIN CRI OF 85, 4100K.

BALLAST: HPF ELECTRONIC PROGRAMMED RAPID START BALLAST, 0.88BF, 120/277V.

LOCATION: SURFACE MOUNT ON UNDERSIDE OF DECK.

FLUORESCENT VAPORTIGHT — E / C2



SPECIFICATION GRADE UNDER CABINET FLUORESCENT LIGHTING FIXTURE WITH FLAT STIPLED ACRYLIC LENS PANEL, NOMINAL 1.25" DP x 4.5" WIDE IN SIZE.

HOUSING: EXTRUDED ALUMINUM BODY, WIREWAY COVER AND LENS FRAME. SEPARATE NON-CAPTIVE STUD FOR FIXTURE GROUNDING. PROVIDE ROCKER SWITCH.

REFLECTOR: SPECULAR SILVER REFLECTOR.

FINISH: MULTI-STAGE PHOSPHATE BONDING TREATMENT AND WHITE ANTI-MICROBIAL POLYESTER POWDER COAT PAINT.

LAMPS: RAPID START T5 LAMPS, MIN CRI OF 85, 4100K.

BALLAST: HPF ELECTRONIC PROGRAMMED RAPID START BALLAST, 0.88BF, 120/277V.

VARIATIONS:

EU1: NOMINAL 12.75" IN LENGTH, 8W-T5 LAMP.
EU2: NOMINAL 23.0" IN LENGTH, 14W-T5 LAMP.
EU3: NOMINAL 34.5" IN LENGTH, 21W-T5 LAMP.
EU4: NOMINAL 46.5" IN LENGTH, 28W-T5 LAMP.

NOTE: COORDINATE EXACT FIXTURE LENGTH WITH DIV 01 PRIOR TO ORDERING.

UNDERCABINET LIGHT — E / Ux

Revisions	Date

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PROJECT NO. 2010-04024 FIRM LICENSE NO. 01528

STATE OF OHIO — JOHN A. BLACK 49341 — REGISTERED PROFESSIONAL ENGINEER

ARCHITECT/ENGINEERS:

JOHN POE ARCHITECTS
116 EAST THIRD STREET
DAYTON, OHIO
45402-2130
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Drawing Title: LIGHTING FIXTURE DESCRIPTIONS

Approved: Project Director

Project Title: RENOVATE CLC BUILDING 211 WEST

Location: Chillicothe, Ohio

Date: 09/06/2013 | Checked: LLC | Drawn: MSG

Project No. — VA Project No. 538-107; JPA Project No. 11001.00

Building Number: 211

Drawing Number: E2

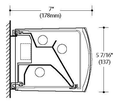
Dwg. 104 of 132

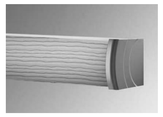
Office of Construction and Facilities Management

Department of Veterans Affairs

9/6/2013 1:34:41 PM

FULLY SPRINKLERED





SPECIFICATION GRADE FLUORESCENT OVER BED LIGHT.

HOUSING: INTERNAL STRUCTURAL FRAME 6063 T5 EXTRUDED ALUMINUM. DIE CAST END CAPS WITH NO EXPOSED FASTENERS. SEPARATE NON-CAPTIVE STUD FOR FIXTURE GROUNDING.

REFLECTOR: DIE FORMED SPECULAR UPPER AND LOWER REFECTORS.

FINISH: MEDIUM SILVER POWDER COAT.

SHIELDING: EXTRUDED PRISMATIC VIRGIN ACRYLIC INSIDE TOP AND BOTTOM LENSES, FOR ASYMMETRIC DISTRIBUTION. "3FORM" BRAND ENCAPSULATED INTERLAYER PANEL OF TRANSLUCENT POLYESTER RESIN.

LAMPS: THREE RAPID START 32W-T8 LAMPS, MIN CRI OF 85, 4100K.

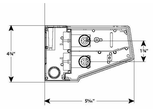
BALLAST: HPF ELECTRONIC PROGRAMMED RAPID START BALLAST, 0.88BF, 120/277V.

LOCATION: MOUNT AT 6'-6" AFF UNLESS OTHERWISE NOTED.

NOTE: FIXTURE SHALL BE CONTROLLED VIA NURSE CALL RELAY ONLY.

PATIENT HEADWALL FIXTURE

E / W1



SPECIFICATION GRADE FLUORESCENT WALL BRACKET.

HOUSING: DIE FORMED AND EMBOSSED CODE GAUGE STEEL. DIE CAST END CAPS HINGED AND SCREWED TO HOUSING FOR RIGIDITY. SEPARATE NON-CAPTIVE STUD FOR FIXTURE GROUNDING.

REFLECTOR: HIGH REFLECTANCE BAKED WHITE ENAMEL.

FINISH: POWDER COAT WHITE ENAMEL.

SHIELDING: 100% PRISMATIC VIRGIN ACRYLIC, PATTERN 12, .125" THICK (NOMINAL).

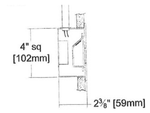
LAMPS: TWO RAPID START 32W-T8 LAMPS, MIN CRI OF 85, 4100K.

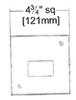
BALLAST: HPF ELECTRONIC PROGRAMMED RAPID START BALLAST, 0.88BF, 120/277V.

LOCATION: MOUNT AT 7'-0" AFF UNLESS OTHERWISE NOTED.

FLUORESCENT WALL BRACKET

E / W2





VANDAL RESISTANT RECESSED LED NIGHTLIGHT.

HOUSING: 4"x4"x2 STANDARD U.L. LISTED 2-GANG GALVANIZED STEEL OUTLET BOX.

LAMP: LED, 4.4 WATTS

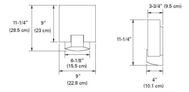
DRIVER: HPF ELECTRONIC TYPE, 120VAC.

FINISH: HOUSING TO BE BAKED WHITE ENAMEL OVER A MULTI-STAGE CORROSION RESISTANT PRIMER. ALL OTHER METAL PARTS TO BE NON-CORROSIVE.

LOCATION: MOUNT AT 1'-6" AFF UNLESS OTHERWISE NOTED.

RECESSED SECURITY-TYPE NIGHT LIGHT

E / W3



DECORATIVE FLUORESCENT WALL SCONCE.

HOUSING: ALUMINUM BACK PLATE, PAINTED OR DIE CAST ALUMINUM TRIM BARS. MATTE WHITE LUMINOUS SHIELD DIFFUSER.

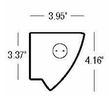
LAMPS: ONE 26W 4 PIN TRIPLE TUBE CFL, MIN CRI OF 80, 4100K.

BALLAST: HPF ELECTRONIC PROGRAMMED RAPID START BALLAST, 0.95 BF, 120/277V.

LOCATION: MOUNT AT 6'-6" AFF UNLESS OTHERWISE NOTED.

FLUORESCENT WALL SCONCE

E / W4



SPECIFICATION GRADE WALL MOUNTED LIGHTING FIXTURE.

HOUSING: EXTRUDED ALUMINUM HOUSING WITH PERFORATED VERTICAL CURVED FACIA. SEPARATE NON-CAPTIVE STUD FOR FIXTURE GROUNDING.

REFLECTOR: HIGH REFLECTANCE STEEL OR ALUMINUM, MIN 85% REFLECTANCE.

FINISH: MULTI-STAGE PHOSPHATE BONDING TREATMENT AND WHITE BAKED ENAMEL.

LAMPS: ONE RAPID START 32W-T8 LAMP, MIN CRI OF 85, 4100K.

BALLAST: HPF ELECTRONIC PROGRAMMED RAPID START BALLAST, 0.88BF, 120/277V.

EW5: NOMINAL 48" IN LENGTH, 1-32W T8 LAMP.
EW5a: NOMINAL 24" IN LENGTH, 1-17W T8 LAMP.

LOCATION: MOUNT AT 6'-10" AFF UNLESS OTHERWISE NOTED.

FLUORESCENT VANITY FIXTURE

E / W5

DECORATIVE FLUORESCENT WALL SCONCE.

HOUSING: ALUMINUM BACK PLATE, PAINTED OR DIE CAST ALUMINUM TRIM BARS. CURVED PERFORATED FASCIA.

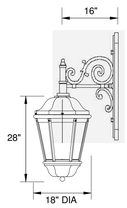
LAMPS: TWO 13W 4 PIN TRIPLE TUBE CFL, MIN CRI OF 80, 4100K.

BALLAST: HPF ELECTRONIC PROGRAMMED RAPID START BALLAST, 0.95 BF, 120/277V.

LOCATION: MOUNT AT 6'-6" AFF.

FLUORESCENT WALL SCONCE

E / W7



SPECIFICATION GRADE WALL MOUNTED LANTERN TYPE SECURITY LIGHT.

HOUSING: CAST ALUMINUM HOUSING, IP54 CERTIFIED.

LENS: LIGHTLY DIFFUSE GLASS LENS.

REFLECTOR: SPECULAR ALUMINUM TYPE 3, SEALED AND GASKETED.

FINISH: STANDARD COLOR FINISH, TO BE SELECTED BY ARCHITECT.

LAMPS: 70W MH AND 70W QUARTZ HALOGEN LAMP.

BALLAST: MAGNETIC BALLAST WITH QUARTZ RESTRIKE SYSTEM, 120V.

LOCATION: COORDINATE MOUNTING HEIGHT WITH ARCHITECT.

EXTERIOR SECURITY LIGHT

E / W8

Revisions	Date

CONSULTANTS:

Heapy Engineering
Mechanical Electrical Commissioning Technology
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Drawing Title: LIGHTING FIXTURE DESCRIPTIONS

Approved: Project Director

Project Title: RENOVATE CLC BUILDING 211 WEST

Location: Chillicothe, Ohio

Date: 09/06/2013 | Checked: LLC | Drawn: MSG

Project No. VA Project No. 538-107 JPA Project No. 11001.00

Building Number: 211

Drawing Number: E3

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Office of Construction and Facilities Management

Department of Veterans Affairs

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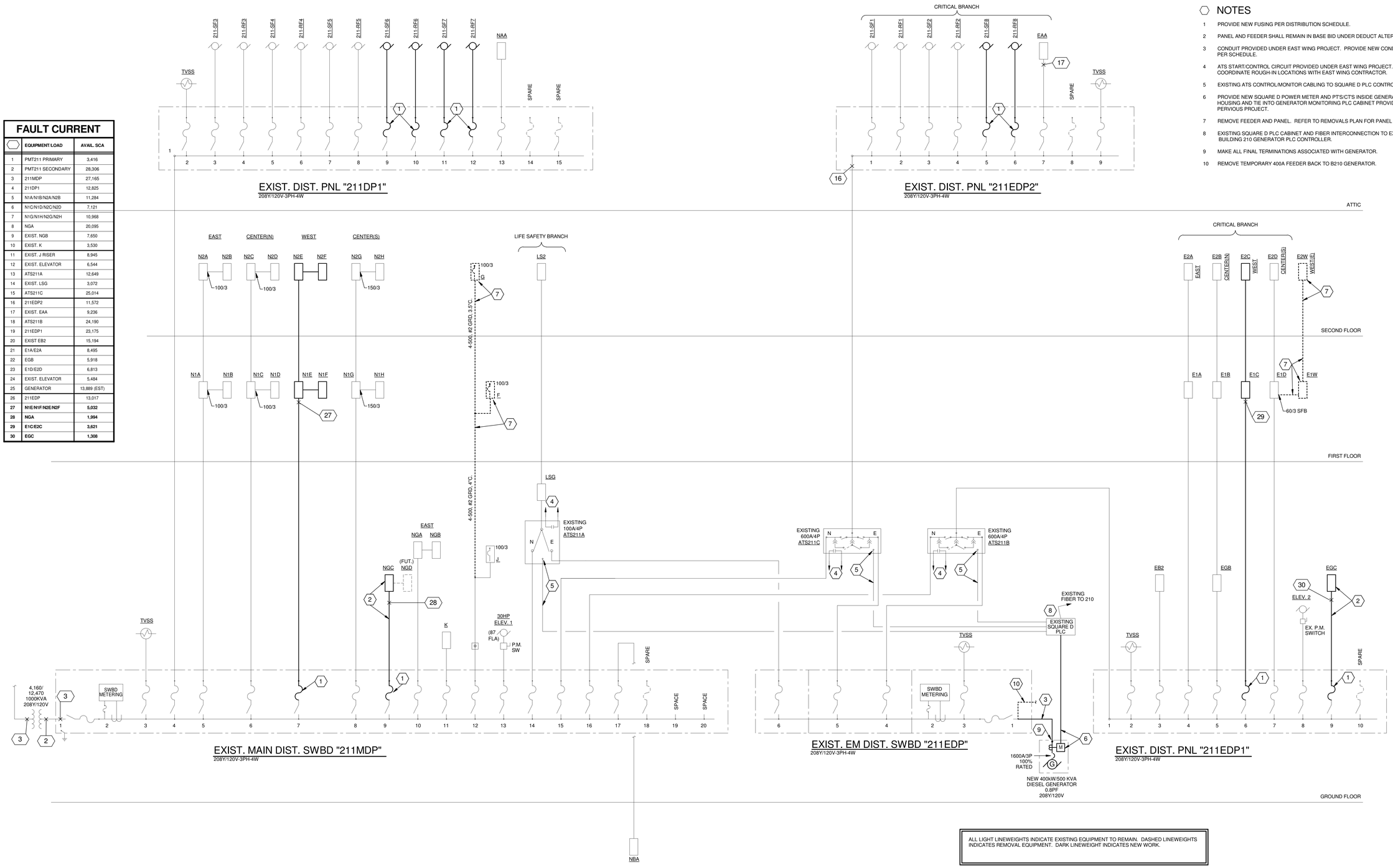
FAULT CURRENT

	EQUIPMENT/LOAD	AVAIL. SCA
1	PMT211 PRIMARY	3,416
2	PMT211 SECONDARY	28,306
3	211MDP	27,165
4	211DP1	12,825
5	N1A/N1B/N2A/N2B	11,284
6	N1C/N1D/N2C/N2D	7,121
7	N1G/N1H/N2G/N2H	10,968
8	NGA	20,095
9	EXIST. NGB	7,650
10	EXIST. K	3,530
11	EXIST. J RISER	8,945
12	EXIST. ELEVATOR	6,544
13	ATS211A	12,649
14	EXIST. LSG	3,072
15	ATS211C	25,014
16	211EDP2	11,572
17	EXIST. EAA	9,236
18	ATS211B	24,190
19	211EDP1	23,175
20	EXIST EB2	15,194
21	E1A/E2A	8,495
22	EGB	5,918
23	E1D/E2D	6,813
24	EXIST. ELEVATOR	5,484
25	GENERATOR	13,889 (EST)
26	211EDP	13,017
27	**N1E/N1F/N2E/N2F**	**5,032**
28	**NGA**	**1,994**
29	**E1C/E2C**	**3,621**
30	**EGC**	**1,308**

NOTES

1. PROVIDE NEW FUSING PER DISTRIBUTION SCHEDULE.
2. PANEL AND FEEDER SHALL REMAIN IN BASE BID UNDER DEDUCT ALTERNATE.
3. CONDUIT PROVIDED UNDER EAST WING PROJECT. PROVIDE NEW CONDUCTORS PER SCHEDULE.
4. ATS START/CONTROL CIRCUIT PROVIDED UNDER EAST WING PROJECT. COORDINATE ROUGH-IN LOCATIONS WITH EAST WING CONTRACTOR.
5. EXISTING ATS CONTROL/MONITOR CABLING TO SQUARE D PLC CONTROLLER.
6. PROVIDE NEW SQUARE D POWER METER AND PT'S/CT'S INSIDE GENERATOR HOUSING AND TIE INTO GENERATOR MONITORING PLC CABINET PROVIDED UNDER PERVIOUS PROJECT.
7. REMOVE FEEDER AND PANEL. REFER TO REMOVALS PLAN FOR PANEL LOCATION.
8. EXISTING SQUARE D PLC CABINET AND FIBER INTERCONNECTION TO EXISTING BUILDING 210 GENERATOR PLC CONTROLLER.
9. MAKE ALL FINAL TERMINATIONS ASSOCIATED WITH GENERATOR.
10. REMOVE TEMPORARY 400A FEEDER BACK TO B210 GENERATOR.



ALL LIGHT LINEWEIGHTS INDICATE EXISTING EQUIPMENT TO REMAIN. DASHED LINEWEIGHTS INDICATES REMOVAL EQUIPMENT. DARK LINEWEIGHT INDICATES NEW WORK.

Revisions	Date

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Drawing Title: ELECTRIC SINGLE LINE - SECONDARY

Approved: Project Director

Project Title: RENOVATE CLC BUILDING 211 WEST

Location: Chillicothe, Ohio

Date: 09/06/2013 | Checked: LLC | Drawn: MSG

Project No. VA Project No. 538-107 JPA Project No. 11001.00

Building Number: 211

Drawing Number: E4

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Office of Construction and Facilities Management

Department of Veterans Affairs

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MOTORS, STARTERS, DISCONNECTS & CONTROLS

MOTOR: MOTOR	MOTOR: NUMBER	MOTOR: CIRCUIT NO.	MOTOR: NAMEPLATE	CHARACTERISTICS: HP (KVA)	CHARACTERISTICS: 120V-1PH	CHARACTERISTICS: 208V-3PH	CHARACTERISTICS: 277V-1PH	CHARACTERISTICS: 480V-1PH	CHARACTERISTICS: 480V-3PH	MOTOR: LOCATION	STARTER: TYPE: NEMA SIZE	STARTER: TYPE: MANUAL	STARTER: TYPE: MAGNETIC	STARTER: TYPE: BUILT-IN MOTOR O.L.	STARTER: TYPE: 2 SPEED 2 WINDING	STARTER: TYPE: VFD	STARTER: TYPE:	STARTER: TYPE: SEE NOTE	STARTER: LOCATION: NEAR MOTOR	STARTER: LOCATION: MOTOR CONT. CENTER	STARTER: LOCATION: EQUIP. CONT. PANEL	STARTER: LOCATION: ROOM NUMBER	STARTER: LOCATION: SEE NOTE	STARTER: FURNISHED BY	DISCONNECT MEANS: TYPE: DISC. SWITCH	DISCONNECT MEANS: TYPE: MANUAL STARTER	DISCONNECT MEANS: TYPE: RECEPTACLE	DISCONNECT MEANS: TYPE: FEEDER SW. OR BREAKER	DISCONNECT MEANS: LOCATION: NEAR MOTOR	DISCONNECT MEANS: LOCATION: MOTOR CONT. CENTER	DISCONNECT MEANS: LOCATION: EQUIP. CONT. PANEL	DISCONNECT MEANS: LOCATION: PANELBOARD	DISCONNECT MEANS: SEE NOTE	DISCONNECT MEANS: FURNISHED BY	CONTROL: INTERLOCK WITH MOTOR NO. BY E.C.	CONTROL: MANUAL AT STARTER	CONTROL: INTEGRAL WITH EQUIPMENT	CONTROL: BY H.C.	CONTROL: SEE NOTE	FEEDER: NUMBER OF CONDUCTORS	FEEDER: WIRE SIZE	FEEDER: GRD. SIZE	FEEDER: CONDUIT SIZE	SEE NOTE
	211-SF6	211DP1-9	AIR HANDLING UNIT 6 (SUPPLY FAN)	10		o				ATTIC	-					o			o				DIV 26	o				o					DIV 26				o		SEE DIST. SCHED.				
	211-RF6	211DP1-10	AIR HANDLING UNIT 6 (RETURN FAN)	3		o				ATTIC	-					o			o				DIV 26	o				o					DIV 26				o		SEE DIST. SCHED.				
	211-SF7	211DP1-11	AIR HANDLING UNIT 7 (SUPPLY FAN)	15		o				ATTIC	-					o			o				DIV 26	o				o					DIV 26				o		SEE DIST. SCHED.				
	211-RF7	211DP1-12	AIR HANDLING UNIT 7 (RETURN FAN)	5		o				ATTIC	-					o			o				DIV 26	o				o					DIV 26				o		SEE DIST. SCHED.				
	211-SF8	211EDP2-5	AIR HANDLING UNIT 8 (SUPPLY FAN)	50		o				ATTIC	-					o			o				DIV 26	o				o					DIV 26				o		SEE DIST. SCHED.				
	211-RF8	211EDP2-6	AIR HANDLING UNIT 8 (RETURN FAN)	15		o				ATTIC	-					o			o				DIV 26	o				o					DIV 26				o		SEE DIST. SCHED.				
	211-P12	EB2-19,21,23	HOT WATER PUMP	7.5		o				TANK ROOM	-					o			o				DIV 26	o				o					DIV 26				o		3	8	10	.75	
	211-P13	EAA-20	HOT WATER RECIRC PUMP	0.25	o					ATTIC	0		o						o				DIV 26	o				o					DIV 26				o		2	12	12	.75	
	211-EF9	NAA-24,26,28	EXHAUST FAN 9	0.75		o				ATTIC	0		o						o				DIV 26	o				o					DIV 26				o		3	12	12	.75	
	211-EF10	EAA-14,16,18	EXHAUST FAN 10	2		o				ATTIC	0		o						o				DIV 26	o				o					DIV 26				o		3	12	12	.75	
	211-EF11	EXIST	EXHAUST FAN 11	1/20	o					BASEMENT 005				o					o				DIV 23	o				o					DIV 26					1	2	12	12	.75	
	211-EF12	NGC-13	EXHAUST FAN 12	1/20	o					BASEMENT HAC				o					o				DIV 23	o				o					DIV 26					1	2	12	12	.75	

NOTES:
1. FAN SHALL RUN CONTINUOUSLY.

EXISTING DIST. PANEL "211MDP"

MAIN BUSSING: 3000 AMPS
FEEDER SIZE: SIX SETS OF (4-600 KCMIL IN 4" C.), #3/0 G.E.C.

CONNECTED LOAD: 1206 KVA
DEMAND LOAD: 825 KVAD (TOT FUT. EST.)(2,292A)
VOLTAGE: 208Y/120V-3PH-4W

SWITCH OR UNIT NO.	NAMEPLATE	APPROX. CONNECTED KVA LOAD	OVERCURRENT PROTECTION: SWITCH SIZE	OVERCURRENT PROTECTION: POLES	OVERCURRENT PROTECTION: FUSE SIZE	OVERCURRENT PROTECTION: FUSE TYPE	OVERCURRENT PROTECTION: SEE NOTE	FEEDER: NUMBER OF CONDUCTORS	FEEDER: WIRE SIZE	FEEDER: GROUND SIZE	FEEDER: CONDUIT SIZE
1	EXIST MAIN SWITCH	1206	2500	3	2500	KRP-C		-	-	-	-
2	EXIST SWITCHBOARD METERING	.	-	-	-			-	-	-	-
3	EXIST TVSS	.	60	3	60	LPN-RK		-	-	-	-
4	EXIST 211-DP1	140	600	3	600	LPN-RK		4	2 SETS OF 350	1	3
5	EXIST N1A, N1B, N2A, N2B	65	200	3	200	LPJ		4	3/0	6	2
6	EXIST N1C, N1D, N2C, N2D	67	200	3	200	LPJ		4	3/0	6	2
7	**NEW N1E, N1F, N2E, N2F**	**88**	200	3	**200**	**LPJ**		**4**	**3/0**	**6**	**2**
8	EXIST N1G, N1H, N2G, N2H	198	400	3	400	LPN-RK		4	500	3	4
9	**NEW NGC, FUT. NGD**	**19**	200	3	**100**	**LPJ**		**4**	**2**	**8**	**1.25**
10	EXIST NGA, NGB	26	200	3	200	LPJ		4	3/0	6	2
11	EXIST K	28	100	3	100	LPN-RK		4	2	8	1.25
12	EXIST J	20 (EST)	200	3	200	LPJ		4	3/0	6	2
13	EXIST ELEVATOR (30 HP 87 FLA)	32	200	3	175	LPJ		4	2/0	6	2
14	EXIST ATS211A/LSG, LS2	13	100	3	100	LPN-RK		4	2	8	1.25
15	EXIST ATS211C/211EDP2	212	600	3	600	LPN-RK		4	2 SETS OF 350	1	3
16	EXIST ATS211B/211EDP1	240	800	3	800	KRP-C		4	2 SETS OF 600	1/0	4
17	EXIST NBA	58	400	3	250	LPN-RK		4	250	4	2.5
18	SPARE		200	3	-	LPJ		-	-	-	-
19	SPACE (5.5")										
20	SPACE (9.5")										

EXISTING DIST. PANEL "211DP1"

MAIN BUSSING: 600 AMPS
FEEDER SIZE: REFER TO 211 MDP.

CONNECTED LOAD: 140 KVA
DEMAND LOAD: 112 KVAD (311A)
VOLTAGE: 208Y/120V-3PH-4W

SWITCH OR UNIT NO.	NAMEPLATE	APPROX. CONNECTED KVA LOAD	OVERCURRENT PROTECTION: SWITCH SIZE	OVERCURRENT PROTECTION: POLES	OVERCURRENT PROTECTION: FUSE SIZE	OVERCURRENT PROTECTION: FUSE TYPE	OVERCURRENT PROTECTION: SEE NOTE	FEEDER: NUMBER OF CONDUCTORS	FEEDER: WIRE SIZE	FEEDER: GROUND SIZE	FEEDER: CONDUIT SIZE
1	EXIST MAIN LUGS	140	-	-	-			-	-	-	-
2	EXIST TVSS	-	30	3	30	LPN-RK		3	10	10	0.75
3	EXIST 211-SF3	22	100	3	80	LPN-RK		3	3	8	1.25
4	EXIST 211-RF3	10	60	3	35	LPN-RK		3	8	10	0.75
5	EXIST 211-SF4	22	100	3	80	LPN-RK		3	3	8	1.25
6	EXIST 211-RF4	6.4	60	3	25	LPN-RK		3	10	10	0.75
7	EXIST 211-SF5	17	60	3	60	LPN-RK		3	6	10	0.75
8	EXIST 211-RF5	6.4	60	3	25	LPN-RK		3	10	10	0.75
9	**NEW 211-SF6**	**11**	60	3	**40**	**LPN-RK**		**3**	**8**	**10**	**0.75**
10	**NEW 211-RF6**	**3.8**	60	3	**15**	**LPN-RK**		**3**	**12**	**12**	**0.75**
11	**NEW 211-SF7**	**17**	60	3	**60**	**LPN-RK**		**3**	**6**	**10**	**0.75**
12	**NEW 211-RF7**	**6**	60	3	**25**	**LPN-RK**		**3**	**10**	**10**	**0.75**
13	EXIST NAA	15	100	3	100	LPN-RK		4	2	8	1.25
14	SPARE	-	60	3	-	LPN-RK		-	-	-	-
15	SPARE	-	100	3	-	LPN-RK		-	-	-	-
16	SPACE (16.5")	-									

EXISTING DIST. PANEL "211EDP"

MAIN BUSSING: 1600 AMPS
FEEDER SIZE: **4 SETS OF (4-600 KCMIL IN 4"C), 3/0 G.E.C.**

CONNECTED LOAD: 465 KVA
DEMAND LOAD: 331 KVAD (919A)
VOLTAGE: 208Y/120V-3PH-4W

SWITCH OR UNIT NO.	NAMEPLATE	APPROX. CONNECTED KVA LOAD	OVERCURRENT PROTECTION: SWITCH SIZE	OVERCURRENT PROTECTION: POLES	OVERCURRENT PROTECTION: FUSE SIZE	OVERCURRENT PROTECTION: FUSE TYPE	OVERCURRENT PROTECTION: SEE NOTE	FEEDER: NUMBER OF CONDUCTORS	FEEDER: WIRE SIZE	FEEDER: GROUND SIZE	FEEDER: CONDUIT SIZE
1	EXIST MAIN SWITCH	465	1600	3	1600	KRP-C		-	-	-	-
3	EXIST TVSS	-	60	3	60	LPN-RK		-	-	-	-
2	EXIST SWITCHBOARD METERING	-	-	-	-			-	-	-	-
4	EXIST ATS211B/211EDP1	240	800	3	800	KRP-C		4	2 SETS OF 600	1/0	4
5	EXIST ATS211C/211EDP2	212	600	3	600	LPN-RK		4	2 SETS OF 350	1	3
6	EXIST ATS211A/LSG, LS2	13	100	3	100	LPN-RK		4	3/0	6	2
7	SPARE		100	3	-	LPN-RK		-	-	-	-
8	SPACE (24")										
9	SPACE (63")										
10											

EXISTING DIST. PANEL "211EDP1"

MAIN BUSSING: 800 AMPS
FEEDER SIZE: REFER TO 211 MDP

CONNECTED LOAD: 240 KVA
DEMAND LOAD: 175 KVAD (486 A)
VOLTAGE: 208Y/120V-3PH-4W

SWITCH OR UNIT NO.	NAMEPLATE	APPROX. CONNECTED KVA LOAD	OVERCURRENT PROTECTION: SWITCH SIZE	OVERCURRENT PROTECTION: POLES	OVERCURRENT PROTECTION: FUSE SIZE	OVERCURRENT PROTECTION: FUSE TYPE	OVERCURRENT PROTECTION: SEE NOTE	FEEDER: NUMBER OF CONDUCTORS	FEEDER: WIRE SIZE	FEEDER: GROUND SIZE	FEEDER: CONDUIT SIZE
1	EXIST MAIN LUGS	240	-	-	-						
2	EXIST TVSS	-	30	3	30	LPN-RK		-	-	-	-
3	EXIST EB2	59	200	3	200	LPN-RK		4	3/0	6	2
4	EXIST E1A, E2A	32	200	3	150	LPN-RK		4	1/0	6	2
5	EXIST EGB, EXIST E1B, E2B	32	200	3	150	LPN-RK		4	1/0	6	2
6	**NEW E1C, E2C**	**34**	**200**	**3**	**150**	**LPN-RK**		**4**	**1/0**	**6**	**2**
7	EXIST E1D, E2D, E1W & E2W	45	200	3	200	LPN-RK		4	3/0	6	2
8	EXIST ELEVATOR	32	200	3	175	LPN-RK		4	2/0	6	2
9	**NEW EGC**	**5**	**100**	**3**	**60**	**LPN-RK**		**4**	**4**	**8**	**1**
10	SPARE		200	3	-			-	-	-	-
11	SPACE (33")										

EXISTING DIST. PANEL "211EDP2"

MAIN BUSSING: 600 AMPS
FEEDER SIZE: REFER TO 211 MDP

CONNECTED LOAD: 212 KVA
DEMAND LOAD: 170 KVAD (471A)
VOLTAGE: 208Y/120V-3PH-4W

SWITCH OR UNIT NO.	NAMEPLATE	APPROX. CONNECTED KVA LOAD	OVERCURRENT PROTECTION: SWITCH SIZE	OVERCURRENT PROTECTION: POLES	OVERCURRENT PROTECTION: FUSE SIZE	OVERCURRENT PROTECTION: FUSE TYPE	OVERCURRENT PROTECTION: SEE NOTE	FEEDER: NUMBER OF CONDUCTORS	FEEDER: WIRE SIZE	FEEDER: GROUND SIZE	FEEDER: CONDUIT SIZE
1	EXIST. 211-SF1	44	200	3	150	LPN-RK		3	1/0	6	1.5
2	EXIST. 211-RF1	17	60	3	60	LPN-RK		3	6	10	0.75
3	EXIST 211-SF2	53	200	3	200	LPN-RK		3	3/0	6	2
4	EXIST 211-RF2	17	60	3	60	LPN-RK		3	6	10	0.75
5	**NEW 211-SF9**	**52**	200	3	**200**	**LPN-RK**		**3**	**3/0**	**6**	**2**
6	**NEW 211-RF9**	**17**	60	3	**60**	**LPN-RK**		**3**	**6**	**10**	**0.75**
7	EXIST. EAA	12	60	3	60	LPN-RK		4	4	10	1.25
8	SPARE	-	100	3	-	-		-	-	-	-
9	EXIST TVSS	-	60	3	30	LPN-RK		4	10	10	.75

9/6/2013 1:34:43 PM

Revisions	Date

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Drawing Title: MOTOR STARTER AND DISTRIBUTION SCHEDULES

Approved: Project Director

Project Title: RENOVATE CLC BUILDING 211 WEST

Location: Chillicothe, Ohio

Date: 09/06/2013 | Checked: LLC | Drawn: MSG

Project No.: VA Project No. 538-107; JPA Project No. 11001.00

Building Number: 211

Drawing Number: E5

Dwg. 107 of 132

Office of Construction and Facilities Management
Department of Veterans Affairs

FULLY SPRINKLERED

NOTES

1. UTILIZE SPARE BREAKER IN EXISTING PANEL.
2. PROVIDE NEW 208V-20A/2P BREAKER IN EXISTING PANEL.
3. PROVIDE NEW 208V-50A/2P BREAKER IN EXISTING PANEL.

Panel: EGC

Location: ELEC. CLOS. 034 **Mounting:** Surface **A.I.C. Rating:**
Supply From: **Enclosure:** Type 1 **Mains Type:**
Voltage: 120/208-3PH-4W **Mains Rating:** 100 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	Power	20 A	1	360 VA	900 VA					1	20 A	Power	2
3	Power	20 A	1			360 VA	180 VA			1	20 A	Power	4
5	Power	20 A	1					900 VA	900 VA	1	20 A	Power	6
7	Spare	20 A	1	0 VA	786 VA					1	20 A	Lighting	8
9	Spare	20 A	1			0 VA	0 VA			1	0 A	Spare	10
11	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	12
13	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	14
15	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	16
17	Space	--	--					0 VA	0 VA	1	20 A	Spare	18
19	Space	--	--	0 VA	0 VA					1	20 A	Spare	20
21	Space	--	--			0 VA	0 VA			--	--	Space	22
23	Space	--	--					0 VA	0 VA	--	--	Space	24
25	Space	--	--	0 VA	0 VA					--	--	Space	26
27	Space	--	--			0 VA	0 VA			--	--	Space	28
29	Space	--	--					0 VA	0 VA	--	--	Space	30
31	Space	--	--	0 VA	0 VA					--	--	Space	32
33	Space	--	--			0 VA	0 VA			--	--	Space	34
35	Space	--	--					0 VA	0 VA	--	--	Space	36
37	Space	--	--	0 VA	0 VA					--	--	Space	38
39	Space	--	--			0 VA	0 VA			--	--	Space	40
41	Space	--	--					0 VA	0 VA	--	--	Space	42
			Total Load:	2.05 kVA		0.54 kVA		1.80 kVA					

Notes: PROVIDE FEED-THROUGH LUGS.

TOTAL CONNECTED		ESTIMATED DEMAND
4.39 kVA		4 KVAD (11A)

Panel: E1C

Location: ELEC. RM. 113A **Mounting:** Surface **A.I.C. Rating:**
Supply From: **Enclosure:** Type 1 **Mains Type:**
Voltage: 120/208-3PH-4W **Mains Rating:** 225 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	Power	20 A	1	1620	1620					1	20 A	Power	2
3	Power	20 A	1			1800	1080			1	20 A	Power	4
5	Power	20 A	1					1440	1620	1	20 A	Power	6
7	Power	20 A	1	720 VA	1620					1	20 A	Power	8
9	Power	20 A	1			720 VA	1220			1	20 A	Lighting	10
11	Power	20 A	1					1620	688 VA	1	20 A	Lighting	12
13	Power	20 A	1	360 VA	615 VA					1	20 A	Lighting	14
15	Spare	20 A	1			0 VA	864 VA			1	20 A	Lighting	16
17	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	18
19	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	20
21	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	22
23	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	24
25	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	26
27	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	28
29	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	30
31	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	32
33	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	34
35	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	36
37	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	38
39	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	40
41	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	42
			Total Load:	6.56 kVA		5.68 kVA		5.37 kVA					

Notes: PROVIDE FEED THROUGH LUGS.

TOTAL CONNECTED		ESTIMATED DEMAND
17.61 kVA		11 KVAD (30A)

Panel: E2C

Location: ELEC. RM. 213A **Mounting:** Surface **A.I.C. Rating:**
Supply From: **Enclosure:** Type 1 **Mains Type:**
Voltage: 120/208-3PH-4W **Mains Rating:** 225 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	Power	20 A	1	1620	1620					1	20 A	Power	2
3	Power	20 A	1			1800	1080			1	20 A	Power	4
5	Power	20 A	1					1620	1620	1	20 A	Power	6
7	Power	20 A	1	720 VA	1620					1	20 A	Power	8
9	Power	20 A	1			720 VA	1092			1	20 A	Lighting	10
11	Power	20 A	1					1620	688 VA	1	20 A	Lighting	12
13	Power	20 A	1	360 VA	615 VA					1	20 A	Lighting	14
15	Spare	20 A	1			0 VA	824 VA			1	20 A	Lighting	16
17	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	18
19	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	20
21	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	22
23	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	24
25	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	26
27	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	28
29	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	30
31	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	32
33	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	34
35	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	36
37	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	38
39	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	40
41	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	42
			Total Load:	6.56 kVA		5.52 kVA		5.55 kVA					

Notes:

TOTAL CONNECTED		ESTIMATED DEMAND
17.62 kVA		11 KVAD (30A)

Panel: LS2

Location: **Mounting:** Surface **A.I.C. Rating:**
Supply From: **Enclosure:** Type 1 **Mains Type:**
Voltage: 120/208-3PH-4W **Mains Rating:** 100 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	Ex. Lighting	20 A	1	520 VA	190 VA					1	20 A	Ex. Power	2
3	Ex. Lighting	20 A	1			520 VA	520 VA			1	20 A	Ex. Lighting	4
5	Ex. Power	20 A	1					250 VA	200 VA	1	20 A	Ex. Power	6
7	Ex. Lighting	20 A	1	540 VA	1170					1	20 A	Ex. Lighting	8
9	Ex. Lighting	20 A	1			380 VA	540 VA			1	20 A	Ex. Lighting	10
11	Ex. Fire Shutter	20 A	1					400 VA	1170	1	20 A	Ex. Lighting	12
13	Ex. Fire Dam.	20 A	1	400 VA	1120					1	20 A	Ex. Lighting	14
15	(1) Ltg. Stairs	20 A	1			192 VA	200 VA			1	20 A	Power (1)	16
17	Lighting	20 A	1					1158	1539	1	20 A	Lighting	18
19	Lighting	20 A	1	1158	1539					1	20 A	Lighting	20
21	Lighting	20 A	1			770 VA	200 VA			1	20 A	AAP	22
23	Power	20 A	1					200 VA	0 VA	--	--	Space	24
25	Space	--	--	0 VA	0 VA					--	--	Space	26
27	Space	--	--			0 VA	0 VA			--	--	Space	28
29	Space	--	--					0 VA	0 VA	--	--	Space	30
31	Space	--	--	0 VA	0 VA					--	--	Space	32
33	Space	--	--			0 VA	0 VA			--	--	Space	34
35	Space	--	--					0 VA	0 VA	--	--	Space	36
37	Space	--	--	0 VA	0 VA					--	--	Space	38
39	Space	--	--			0 VA	0 VA			--	--	Space	40
41	Space	--	--					0 VA	0 VA	--	--	Space	42
			Total Load:	6.64 kVA		3.32 kVA		4.92 kVA					

Notes: EXISTING PANEL.

TOTAL CONNECTED		ESTIMATED DEMAND
14.88 kVA		11 KVAD (30A)

Panel: NGC

Location: ELEC. CLOS. 034 **Mounting:** Surface **A.I.C. Rating:**
Supply From: **Enclosure:** Type 1 **Mains Type:**
Voltage: 120/208-3PH-4W **Mains Rating:** 100 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	Power	20 A	1	1320	360 VA					1	20 A	Power	2
3	Power	20 A	1			900 VA	360 VA			1	20 A	Power	4
5	Power	20 A	1					360 VA	360 VA	1	20 A	Power	6
7	Vending	20 A	1	1200	1200					1	20 A	Vending	8
9	Vending	20 A	1			1200	1080			1	20 A	Power	10
11	Refrig	20 A	1					1000	180 VA	1	20 A	Kitchenette	12
13	Power	20 A	1	900 VA	180 VA					1	20 A	Power	14
15	Power	20 A	1			1440	700 VA			1	20 A	WC	16
17	Power	20 A	1					1140	780 VA	1	20 A	Power	18
19	Power	20 A	1	640 VA	780 VA					1	20 A	Power	20
21	Lighting	20 A	1			908 VA	940 VA			1	20 A	Lighting	22
23	Spare	20 A	1					0 VA	1076	1	20 A	Lighting	24
25	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	26
27	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	28
29	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	30
31	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	32
33	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	34
35	Space	--	--					0 VA	0 VA	--	--	Space	36
37	Space	--	--	0 VA	0 VA					--	--	Space	38
39	Space	--	--			0 VA	0 VA			--	--	Space	40
41	Space	--	--					0 VA	0 VA	--	--	Space	42
			Total Load:	6.58 kVA		7.53 kVA		4.90 kVA					

Notes: PROVIDE FEED THROUGHT LUGS.

TOTAL CONNECTED		ESTIMATED DEMAND
19.00 kVA		12 KVAD (34A)

Panel: N1E

Location: ELEC. RM. 113A **Mounting:** Surface **A.I.C. Rating:**
Supply From: **Enclosure:** Type 1 **Mains Type:**
Voltage: 120/208-3PH-4W **Mains Rating:** 225 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	Power	20 A	1	1080	720 VA					1	20 A	Power	2
3	Power	20 A	1			900 VA	720 VA			1	20 A	Power	4
5	Power	20 A	1					720 VA	720 VA	1	20 A	Power	6
7	Power	20 A	1	720 VA	1080					1	20 A	Power	8
9	Power	20 A	1			720 VA	720 VA			1	20 A	Power	10
11	Power	20 A	1					720 VA	900 VA	1	20 A	Power	12
13	Power	20 A	1	720 VA	720 VA					1	20 A	Power	14
15	Power	20 A	1			720 VA	720 VA			1	20 A	Power	16
17	Hot Food	20 A	2					1500	1080	1	20 A	Power	18
19	--	--	--	1500	666 VA					1	20 A	Corr. Lighting	20
21	Hot Food	20 A	2			1500	970 VA			1	20 A	Corr. Lighting	22
23	--	--	--					1500	924 VA	1	20 A	Lighting	24
25	Spare	20 A	1	0 VA	720 VA					1	20 A	Lighting	26
27	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	28
29	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	30
31	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	32
33	Space	--	--			0 VA	0 VA			--	--	Space	34
35	Space	--	--					0 VA	0 VA	--	--	Space	36
37	Space	--	--	0 VA	7372					3	100	N1F	38
39	Space	--	--			0 VA	7260			--	--	--	40
41	Space	--	--					0 VA	7986	--	--	--	42
			Total Load:	15.30 kVA		14.23 kVA		16.05 kVA					

Notes: PROVIDE FEED THROUGH LUGS.

TOTAL CONNECTED		ESTIMATED DEMAND
45.58 kVA		19.6 KVAD (54A)

Panel: N1F

Location: ELEC. RM. 113A **Mounting:** Surface **A.I.C. Rating:**
Supply From: N1E **Enclosure:** Type 1 **Mains Type:**
Voltage: 120/208-3PH-4W **Mains Rating:** 100 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	Power	20 A	1	720 VA	1080					1	20 A	Power	2
3	Power	20 A	1			720 VA	720 VA			1	20 A	Power	4
5	Power	20 A	1					720 VA	720 VA	1	20 A	Power	6
7	Power	20 A	1	720 VA	720 VA					1	20 A	Power	8
9	Power	20 A	1			720 VA	720 VA			1	20 A	Power	10
11	Power	20 A	1					720 VA	720 VA	1	20 A	Power	12
13	Power	20 A	1	720 VA	720 VA					1	20 A	Power	14
15	Power	20 A	1			1080	1260			1	20 A	Power	16
17	Power	20 A	1					1080	1500	2	20 A	Hot Food	18
19	Coffee	20 A	1	1000	1500					--	--	--	20
21	Spare	20 A	1			0 VA	1500			2	20 A	Hot Food	22
23	Spare	20 A	1					0 VA	1500	--	--	--	24
25	Spare	20 A	1	0 VA	192 VA					1	20 A	Lighting	26
27	Spare	20 A	1			0 VA	540 VA			1	20 A	Lighting	28
29	Spare	20 A	1					0 VA	1026	1	20 A	Lighting	30
31	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	32
33	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	34
35	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	36
37	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	38
39	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	40
41	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	42
			Total Load:	7.37 kVA		7.26 kVA		7.99 kVA					

Notes:

TOTAL CONNECTED		ESTIMATED DEMAND
22.62 kVA		11 KVAD (30A)

Panel: N1H

Location: ELEC **Mounting:** Surface **A.I.C. Rating:**
Supply From: **Enclosure:** Type 1 **Mains Type:**
Voltage: 120/208-3PH-4W **Mains Rating:** 225 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	(1) Power	20 A	1	360 VA	1600					1	20 A	Ex - toast	2
3	Ex - Power	20 A	1			1000	1200			1	20 A	Ex - Power	4
5	Ex - Power	20 A	1					600 VA	1200	1	20 A	Ex - Washer	6
7	Ex - Dryer	30 A	2	1125	2250					2	30 A	Ex - Dryer	8
9	--	--	--			1125	2250			--	--	--	10
11	Ex - LTG	20 A	1					1170	1170	1	20 A	Ex - Power	12
13	Ex - LTG	20 A	1	1620	1200					1	20 A	Ex - Coffee	14
15	Ex - Ice Mach	20 A	1			1200	1800			1	20 A	Ex - Coffee	16
17	Ex - Range	50 A	2					3500	1500	2	20 A	Ex - Hot Food	18
19	--	--	--	3500	1500					--	--	--	20
21	Ex - Hot Food	20 A	2			1500	1508			1	20 A	Corr. Ltg. (1)	22
23	--	--	--					1500	872 VA	1	20 A	Lighting	24
25	(1) Power	20 A	1	900 VA	720 VA					1	20 A	Power	26
27	Power	20 A	1			2060	900 VA			1	20 A	Power	28
29	Micro.	20 A	1					1500	0 VA	1	20 A	Spare	30
31	Coffee	20 A	1	1580	1500					2	20 A	(2) Hot Food	32
33	Power	20 A	1			1700	1500			--	--	--	34
35	Toaster (2)	20 A	2					1400	180 VA	1	20 A	Range Hood	36
37	--	--	--	1400	0 VA					--	--	Space	38
39	Range (3)	50 A	2			3500	0 VA			--	--	Space	40
41	--	--	--					3500	0 VA	--	--	Space	42
			Total Load:	19.26 kVA		21.24 kVA		18.09 kVA					

Notes: PANEL PROVIDED UNDER 211 E.W. PROJECT.

TOTAL CONNECTED		ESTIMATED DEMAND
58.59 kVA		EXIST.

Panel: E1D

Location: ELEC **Mounting:** Surface **A.I.C. Rating:**
Supply From: **Enclosure:** Type 1 **Mains Type:**
Voltage: 120/208-3PH-4W **Mains Rating:** 100 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	Ex. Power	20 A	1	800 VA	1200					1	20 A	Ex. Ref.	2
3	Ex. Ref.	20 A	1			1200	800 VA			1	20 A	Ex. Power	4
5	Ex. EWC	20 A	1					500 VA	1600	1	20 A	Ex. Power	6
7	Ex. Power	20 A	1	1200	1200					1	20 A	Ex. Power	8
9	Ex. Power	20 A	1			1160	1200			1	20 A	Ex. Power	10
11	Ex. Lighting	20 A	1					770 VA	1640	1	20 A	Ex. Lighting	12
13	Ex. Ref.	20 A	1	1200	1200					1	20 A	Ex. Ref.	14
15	Ex. Power	20 A	1			800 VA	1500			2	20 A	Ex. Hot Food	16
17	(1) Power	20 A	1					900 VA	1500	--	--	--	18
19	Power	20 A	1	540 VA	0 VA					1	20 A	Spare	20
21	Refrigerator	20 A	1			1000	0 VA			1	20 A	Spare	22
23	Ice	20 A	1					1500	0 VA	1	20 A	Spare	24
25	Space	--	--	0 VA	0 VA					--	--	Space	26
27	Space	--	--			0 VA	0 VA			--	--	Space	28
29	Space	--	--					0 VA	0 VA	--	--	Space	30
31	Space	--	--	0 VA	0 VA					--	--	Space	32
33	Space	--	--			0 VA	0 VA			--	--	Space	34
35	Space	--	--					0 VA	0 VA	--	--	Space	36
37	Ex. E1W / E2W	50 A	3	0 VA	0 VA					--	--	Space	38
39	--	--	--			0 VA	0 VA			--	--	Space	40
41	--	--	--					0 VA	0 VA	--	--	Space	42
			Total Load:	7.34 kVA		7.66 kVA		8.41 kVA					

Notes: PANEL PROVIDED UNDER E.W. PROJECT.

TOTAL CONNECTED		ESTIMATED DEMAND
23.41 kVA		EXIST.

Panel: LSG

Location: **Mounting:** Surface **A.I.C. Rating:**
Supply From: **Enclosure:** Type 1 **Mains Type:**
Voltage: 120/208-3PH-4W **Mains Rating:** 100 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	2
3	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	4
5	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	6
7	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	8
9	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	10
11	Spare	20 A	1					0 VA	30 VA	1	20 A	(1) Lighting	12
13	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	14
15	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	16
17	Spare	20 A	1					0 VA	1228	1	20 A	(1) Lighting	18
19	Space	--	--	0 VA	180 VA					1	20 A	(1) Power	20
21	Space	--	--			0 VA	0 VA			--	--	Space	22
23	Space	--	--					0 VA	0 VA	--	--	Space	24
25	Space	--	--	0 VA	0 VA					--	--	Space	26
27	Space	--	--			0 VA	0 VA			--	--	Space	28
29	Space	--	--					0 VA	0 VA	--	--	Space	30
31	Space	--	--	0 VA	0 VA					--	--	Space	32
33	Space	--	--			0 VA	0 VA			--	--	Space	34
35	Space	--	--					0 VA	0 VA	--	--	Space	36
37	Space	--	--	0 VA	0 VA					--	--	Space	38
39	Space	--	--			0 VA	0 VA			--	--	Space	40
41	Space	--	--					0 VA	0 VA	--	--	Space	42
			Total Load:	0.18 kVA		0.00 kVA		1.26 kVA					

Notes: PANEL PROVIDED UNDER 211 E.W. PROJECT.

TOTAL CONNECTED		ESTIMATED DEMAND
1.44 kVA		EXIST.

Panel: N2E

Location: ELEC. RM. 213A **Mounting:** Surface **A.I.C. Rating:**
Supply From: **Enclosure:** Type 1 **Mains Type:**
Voltage: 120/208-3PH-4W **Mains Rating:** 225 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	Power	20 A	1	1080	720 VA					1	20 A	Power	2
3	Power	20 A	1			900 VA	720 VA			1	20 A	Power	4
5	Power	20 A	1					720 VA	720 VA	1	20 A	Power	6
7	Power	20 A	1	720 VA	1080					1	20 A	Power	8
9	Power	20 A	1			720 VA	720 VA			1	20 A	Power	10
11	Power	20 A	1					720 VA	900 VA	1	20 A	Power	12
13	Power	20 A	1	720 VA	720 VA					1	20 A	Power	14
15	Power	20 A	1			720 VA	720 VA			1	20 A	Power	16
17	Hot Food	20 A	2					1500	1080	1	20 A	Power	18
19	--	--	--	1500	666 VA					1	20 A	Lighting	20
21	Hot Food	20 A	2			1500	970 VA			1	20 A	Lighting	22
23	--	--	--					1500	924 VA	1	20 A	Lighting	24
25	Spare	20 A	1	0 VA	720 VA					1	20 A	Lighting	26
27	Spare	20 A	1			0 VA	0 VA			--	--	Space	28
29	Spare	20 A	1					0 VA	0 VA	--	--	Space	30
31	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	32
33	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	34
35	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	36
37	Spare	20 A	1	0 VA	7540					3	100	N2F	38
39	Spare	20 A	1			0 VA	7714			--	--	--	40
41	Spare	20 A	1					0 VA	6960	--	--	--	42
			Total Load:	15.47 kVA		14.68 kVA		15.02 kVA					

Notes: PROVIDE FEED - THROUGH LUGS.

TOTAL CONNECTED		ESTIMATED DEMAND
45.17 kVA		19.6 KVAD (54A)

Panel: N2F

Location: ELEC. RM. 213A **Mounting:** Surface **A.I.C. Rating:**
Supply From: N2E **Enclosure:** Type 1 **Mains Type:**
Voltage: 120/208-3PH-4W **Mains Rating:** 100 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	Power	20 A	1	540 VA	1080					1	20 A	Power	2
3	Power	20 A	1			720 VA	720 VA			1	20 A	Power	4
5	Power	20 A	1					720 VA	720 VA	1	20 A	Power	6
7	Power	20 A	1	720 VA	720 VA					1	20 A	Power	8
9	Power	20 A	1			720 VA	720 VA			1	20 A	Power	10
11	Power	20 A	1					720 VA	720 VA	1	20 A	Power	12
13	Power	20 A	1	720 VA	720 VA					1	20 A	Power	14
15	Power	20 A	1			1080	1260			1	20 A	Power	16
17	Power	20 A	1					1080	1500	2	20 A	Hot Food	18
19	Coffee	20 A	1	1000	1500					--	--	--	20
21	Spare	20 A	1			0 VA	1500			2	20 A	Hot Food	22
23	Spare	20 A	1					0 VA	1500	--	--	--	24
25	Spare	20 A	1	0 VA	540 VA					1	20 A	Lighting	26
27	Spare	20 A	1			0 VA	994 VA			1	20 A	Lighting	28
29	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	30
31	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	32
33	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	34
35	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	36
37	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	38
39	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	40
41	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	42
			Total Load:	7.54 kVA		7.71 kVA		6.96 kVA					

Notes:

TOTAL CONNECTED		ESTIMATED DEMAND
22.21 kVA		11 KVAD (30A)

Panel: N2H

Location: **Mounting:** Surface **A.I.C. Rating:**
Supply From: **Enclosure:** Type 1 **Mains Type:**
Voltage: 120/208-3PH-4W **Mains Rating:** 100 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	Ex - Ltg	20 A	1	1490	1490					1	20 A	Ex - Ltg	2
3	Ex - Ltg	20 A	1			1170	1200			1	20 A	Ex - Washer	4
5	Ex - Washer	20 A	1					1200	2250	2	30 A	Ex - Dryer	6
7	Ex - Dryer	30 A	2	2250	2250					--	--	--	8
9	--	--	--			2250	1000			1	20 A	Ex - Power	10
11	Ex - Power	20 A	1					600 VA	1200	1	20 A	Ex - Ice Mach	12
13	Ex - Coffee	20 A	1	1200	1600					1	20 A	Ex - Toaster	14
15	Ex - Range	50 A	2			4500	1800			1	20 A	Ex - Power	16
17	--	--	--					4500	1500	2	20 A	Ex - Hot Food	18
19	Spare	20 A	1	0 VA	1500					--	--	--	20
21	Spare	20 A	1			0 VA	1636			1	20 A	Lighting (1)	22
23	Spare	20 A	1					0 VA	872 VA	1	20 A	Lighting	24
25	(1) Power	20 A	1	180 VA	720 VA					1	20 A	Power	26
27	Power	20 A	1			2060	900 VA			1	20 A	Power	28
29	Micro.	20 A	1					1500	360 VA	1	20 A	Power	30
31	Coffee	20 A	1	1580	1500					2	20 A	Hot Food (2)	32
33	Power	20 A	1			1700	1500			--	--	--	34
35	Toaster	20 A	2					1400	180 VA	1	20 A	Range Hood	36
37	--	--	--	1400	0 VA					1	20 A	Spare	38
39	(3) Range	50 A	2			3500	0 VA			1	20 A	Spare	40
41	--	--	--					3500	0 VA	1	20 A	Spare	42
			Total Load:	17.16 kVA		23.22 kVA		19.06 kVA					

Notes: PANEL PROVIDED UNDER 211 E.W. PROJECT.

TOTAL CONNECTED		ESTIMATED DEMAND
59.44 kVA		EXIST.

Panel: E2D

Location: **Mounting:** Surface **A.I.C. Rating:**
Supply From: **Enclosure:** Type 1 **Mains Type:**
Voltage: 120/208-3PH-4W **Mains Rating:** 100 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	Ex Lighting	20 A	1	770 VA	1620					1	20 A	Ex. Lighting	2
3	Ex. Power	20 A	1			1200	800 VA			1	20 A	Ex. Power	4
5	Ex. Power	20 A	1					1200	1600	1	20 A	Ex. Power	6
7	Ex. Ref.	20 A	1	1200	1200					1	20 A	Ex. Ref.	8
9	Ex. Ref.	20 A	1			1200	800 VA			1	20 A	Ex. Power	10
11	Ex. Power	20 A	1					1160	1200	1	20 A	Ex. Power	12
13	Ex. Power	20 A	1	1200	800 VA					1	20 A	Ex. Power	14
15	Ex. Power	20 A	1			600 VA	1500			2	20 A	Ex. Hot Food	16
17	Ex. Power	20 A	1					180 VA	1500	--	--	--	18
19	(1) Power	20 A	1	540 VA	1500					1	20 A	ICE MACH (1)	20
21	Power	20 A	1			1000	1500			2	20 A	EX Power	22
23	Spare	0 A	1					0 VA	1500	--	--	--	24
25	Spare	0 A	1	0 VA	0 VA					1	0 A	Spare	26
27	Spare	0 A	1			0 VA	0 VA			1	0 A	Spare	28
29	Space	--	--					0 VA	0 VA	--	--	Space	30
31	Space	--	--	0 VA	0 VA					--	--	Space	32
33	Space	--	--			0 VA	0 VA			--	--	Space	34
35	Space	--	--					0 VA	0 VA	--	--	Space	36
37	Space	--	--	0 VA	0 VA					--	--	Space	38
39	Space	--	--			0 VA	0 VA			--	--	Space	40
41	Space	--	--					0 VA	0 VA	--	--	Space	42
			Total Load:	8.83 kVA		8.60 kVA		8.34 kVA					

Notes: PANEL PROVIDED UNDER E.W. PROJECT.

TOTAL CONNECTED		ESTIMATED DEMAND
25.77 kVA		EXIST.

Revisions | Date

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PROJECT NO. 2010-04024 FIRM LICENSE NO. 01528

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Drawing Title	Project Title	Project No.	
PANELBOARD SCHEDULES	RENOVATE CLC BUILDING 211 WEST	VA Project No. 538-107; JPA Project No. 11001.00	Office of Construction and Facilities Management
Approved: Project Director	Location: Chillicothe, Ohio	Building Number: 211	Department of Veterans Affairs
	Date: 09/06/2013; Checked: LLC; Drawn: MSG	Drawing Number: E6; Dwg. 108 of 132	

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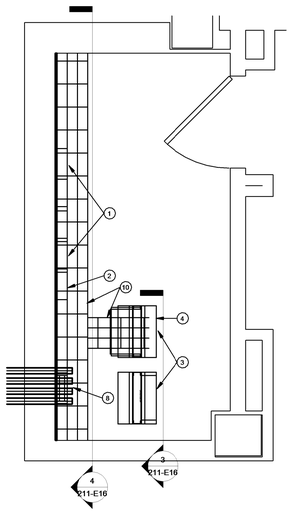
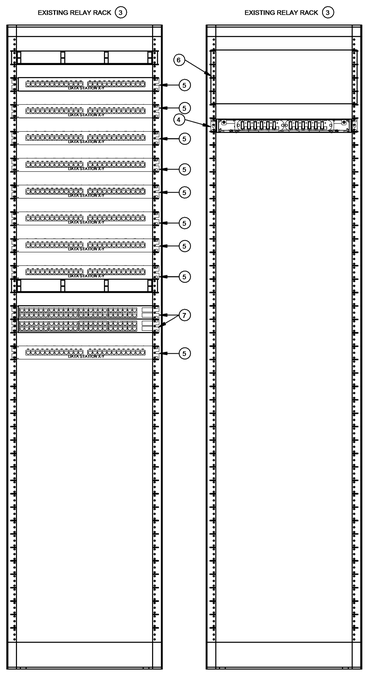


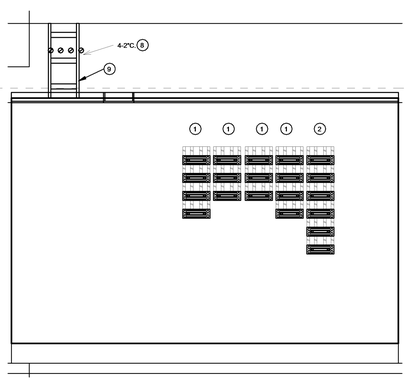
1 COMMUNICATION ROOM 18B

1/2" = 1'-0"



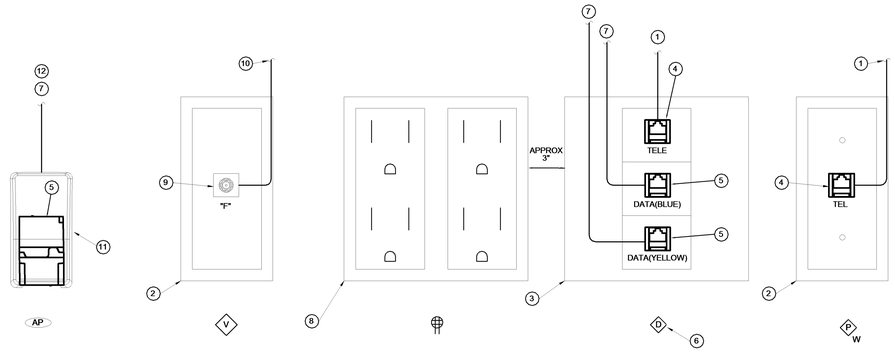
2 BASEMENT RACK ELEVATION

1 1/2" = 1'-0"



3 BASEMENT WALL ELEVATION

1/2" = 1'-0"



TECHNOLOGY OUTLET ELEVATIONS

SCALE: NONE

A / E7

DETAIL NOTES

1 RUN TO LOCAL VOICE STATION CABLE TERMINATION EQUIPMENT.

2 1-GANG BOX. SUBSCRIPT "W" INDICATES WALL PHONE PLATE. REFER TO LEGEND FOR M.H.

3 4" SQ., 3.5" DEEP BOX WITH 1-GANG FACEPLATE.

4 UTP VOICE JACK.

5 UTP DATA JACK.

6 DEFAULT OUTLET IS 2 DATA JACKS AND 1 VOICE JACK. (2D/1V) PROVIDE ALTERNATE CONFIGURATION WHERE INDICATED ON THE DRAWINGS.

7 RUN TO LOCAL DATA STATION CABLE TERMINATION EQUIPMENT.

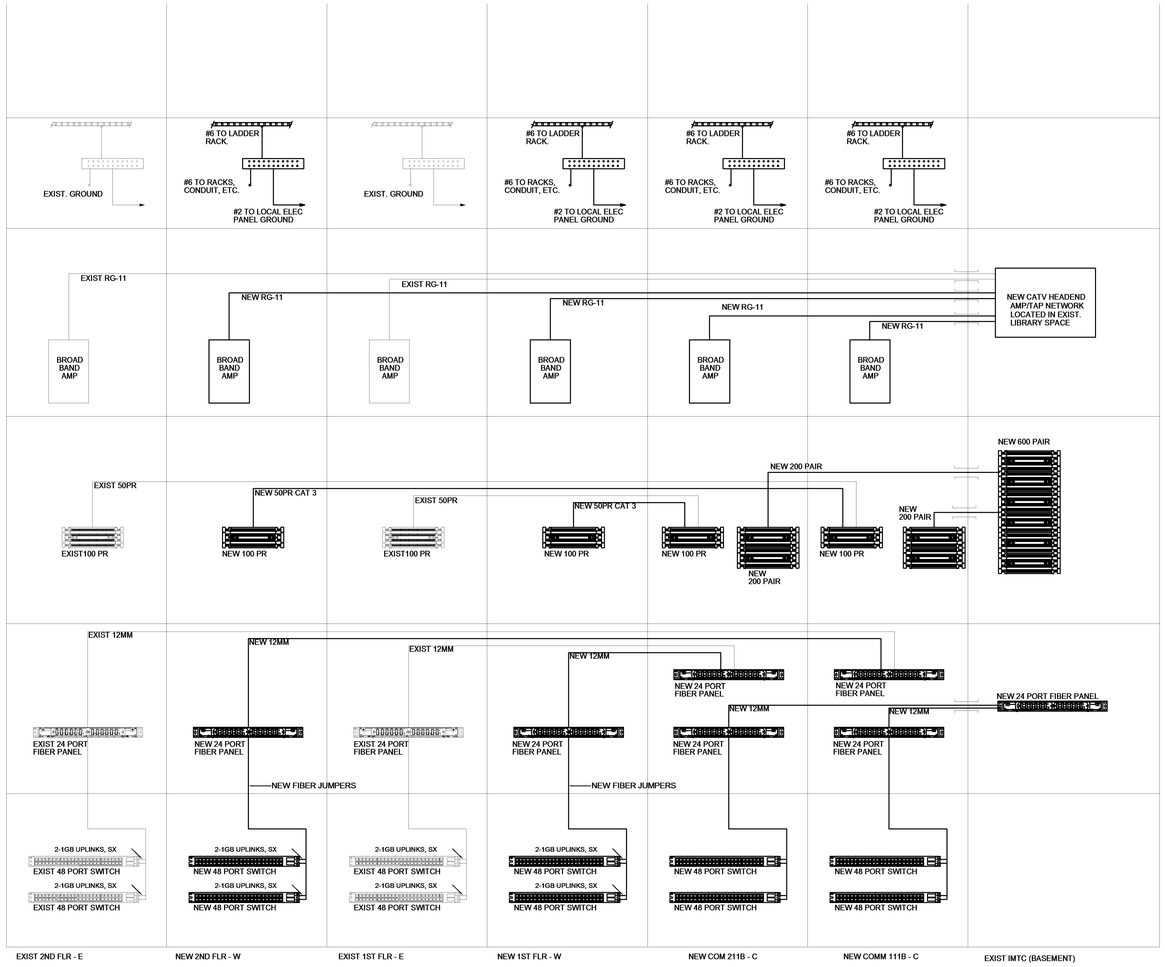
8 ELECTRICAL OUTLET.

9 CATV COAXIAL TYPE "F" CONNECTOR

10 CONNECT TO LOCAL CATV DISTRIBUTION EQUIPMENT.

11 SURFACE MOUNT ASSEMBLY FOR UTP DATA JACK ABOVE CEILING FOR ACCESS POINT.

12 PROVIDE 20' COIL IN MANAGED LOOP AT AP LOCATION.



TECHNOLOGY RISER DIAGRAMS

SCALE: NONE

B / E7

Revisions	Date

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Drawing Title: TECHNOLOGY RISER DIAGRAM AND DETAILS

Approved: Project Director

Project Title: RENOVATE CLC BUILDING 211 WEST

Location: Chillicothe, Ohio

Date: 09/06/2013 | Checked: JDK | Drawn: JDK

Project No. VA Project No. 538-107 JPA Project No. 11001.00

Building Number: 211

Drawing Number: E7

Dwg. 109 of 132

Office of Construction and Facilities Management

Department of Veterans Affairs

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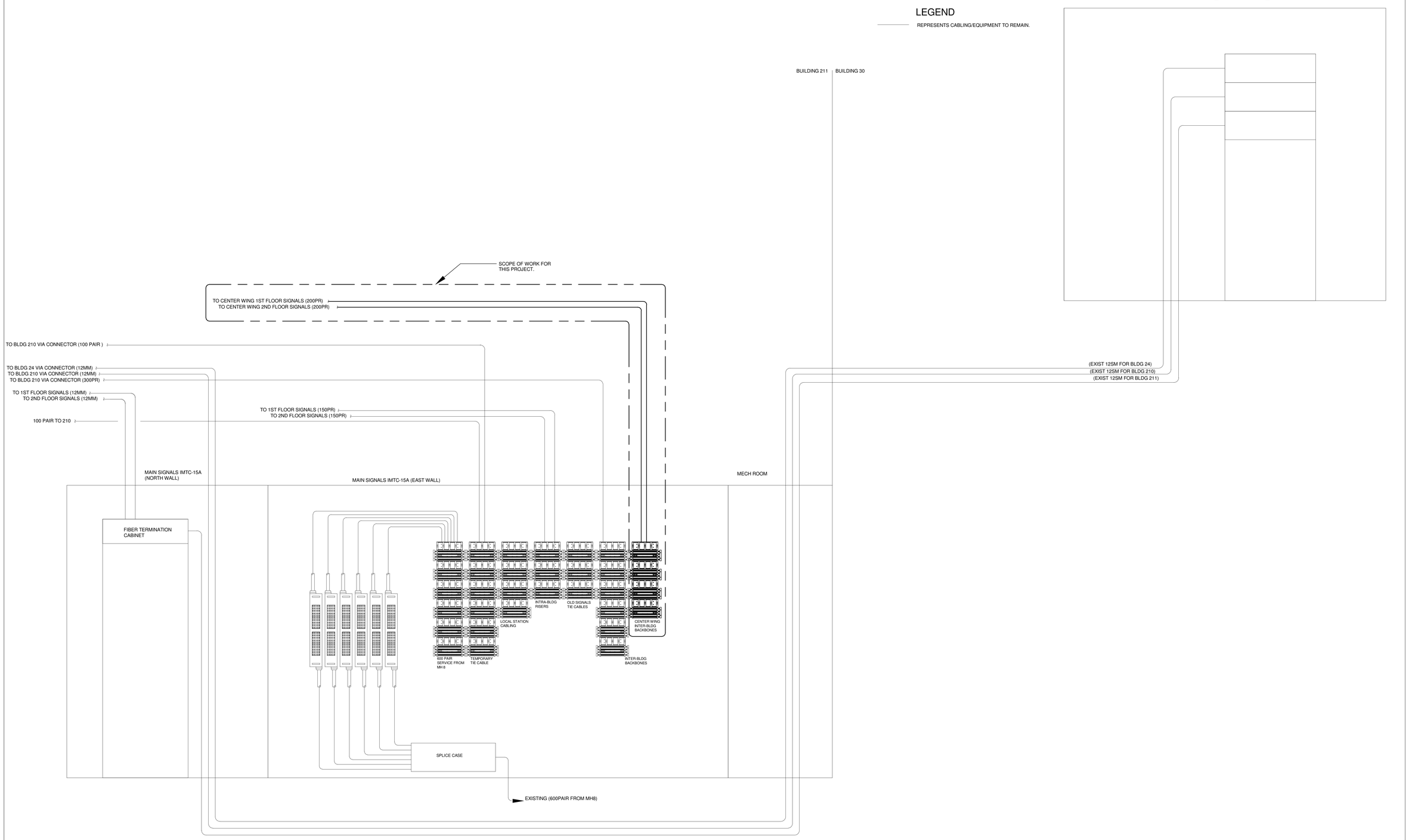
LEGEND

REPRESENTS CABLING/EQUIPMENT TO REMAIN.



Revisions	Date

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Drawing Title: EXISTING TECHNOLOGY RISER

Approved: Project Director

Project Title: RENOVATE CLC BUILDING 211 WEST

Location: Chillicothe, Ohio

Date: 09/06/2013 | Checked: JDK | Drawn: JDK

Project No.
VA Project No. 538-107
JPA Project No. 11001.00

Building Number: 211

Drawing Number: E8

Dwg. 110 of 132

Office of Construction and Facilities Management
Department of Veterans Affairs

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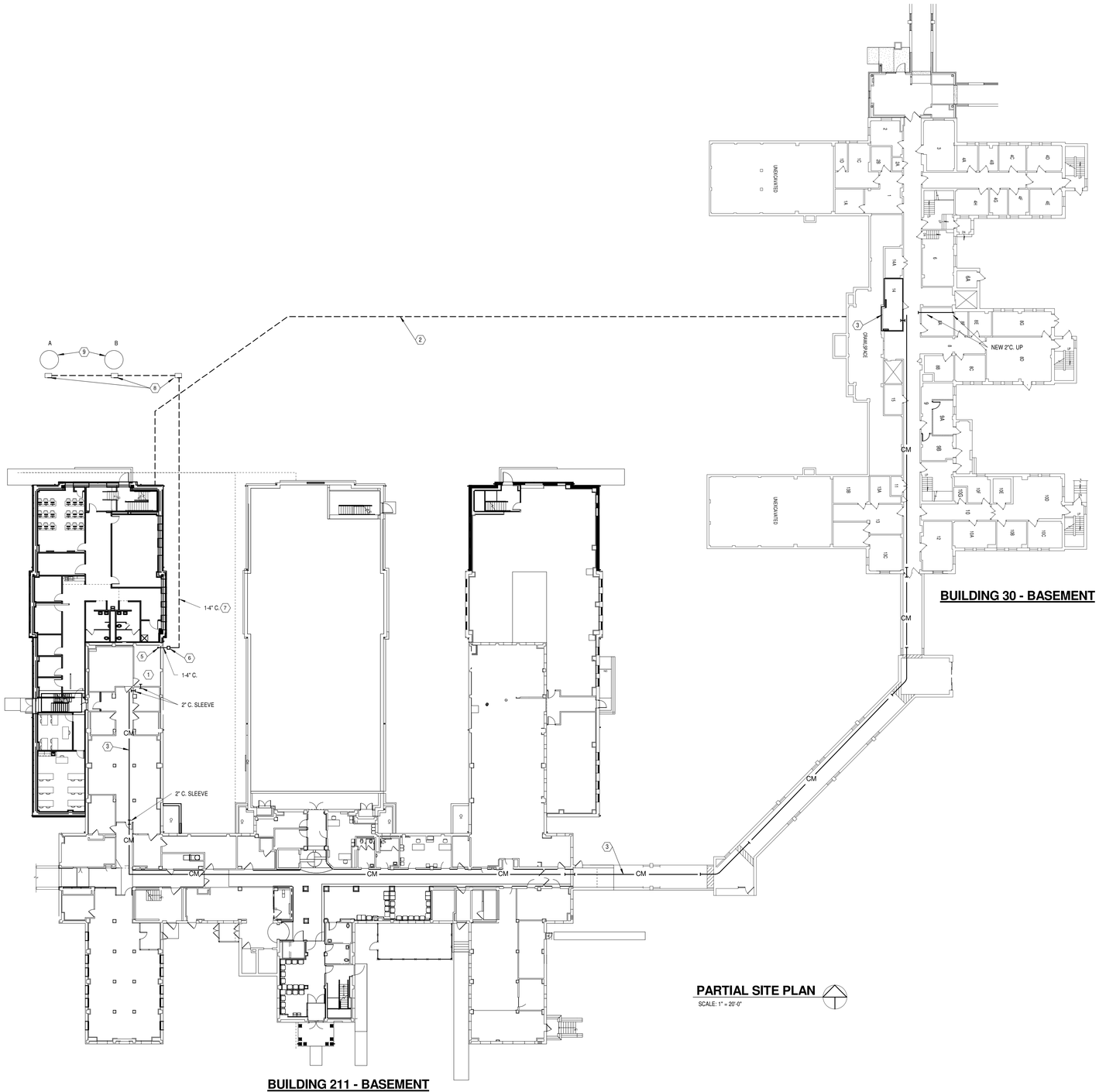
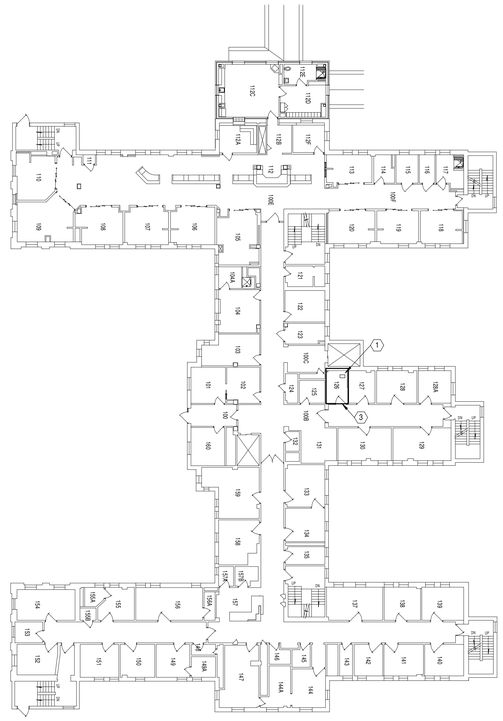


BUILDING 211 - BASEMENT

BUILDING 30 - BASEMENT



BUILDING 30 - 1ST FLOOR

PLAN NOTES

1. EXISTING CATV/SATELLITE HEAD END ROOM.
2. EXISTING CATV UNDERGROUND FIBER TO BE ABANDONED.
3. PROVIDE NEW FIBER (36SM) FROM EXISTING FIRST FLOOR COMM ROOM IN BLDG. 30, DOWN TO BASEMENT, THROUGH EXISTING CONNECTOR, THROUGH BASEMENT OF 211 AND RE-CONNECT TO EXISTING CATV/SATELLITE HEAD END.
4. NOTE NOT USED.
5. EXTEND NEW SATELLITE DISH CABLING FROM EXISTING RACK MOUNTED EQUIPMENT TO EXISTING SATELLITE DISHES AT PAVILION.
6. PROVIDE NEW 11"x18"x18"DP OPEN BOTTOM POLYMER CONCRETE FLUSH GRADE PULLBOX.
7. PROVIDE DIRECT BURIED CONDUIT AND CABLING FOR EXISTING SATELLITE DISHES.
8. EXTEND TO EXISTING SATELLITE CABLING UNDERGROUND CONDUIT.
9. APPROXIMATE LOCATION OF EXISTING GROUND MOUNTED SATELLITE DISHES. RE-CABLE EACH DISH (DISH A 1-RG6/U OSP, DISH B 1-RG6/U OSP AND 1-3PR SHIELDED OSP) BACK TO THE CATV/SATELLITE HEADEND.

PARTIAL SITE PLAN

SCALE: 1" = 20'-0"

Revisions	Date

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Drawing Title: PARTIAL CAMPUS PLAN

Approved: Project Director

Project Title: RENOVATE CLC BUILDING 211 WEST

Location: Chillicothe, Ohio

Date: 09/06/2013 | Checked: JDK | Drawn: JDK

Project No. VA Project No. 538-107 JPA Project No. 11001.00

Building Number: 211

Drawing Number: E9

Dwg. 111 of 132

Office of Construction and Facilities Management
Department of Veterans Affairs

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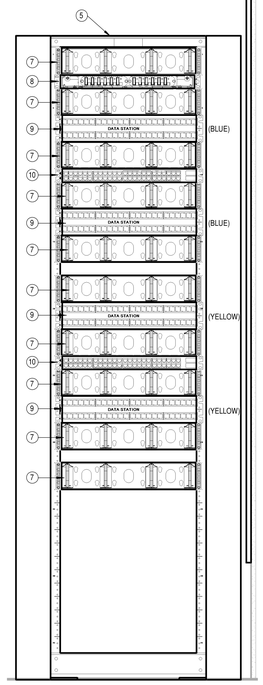
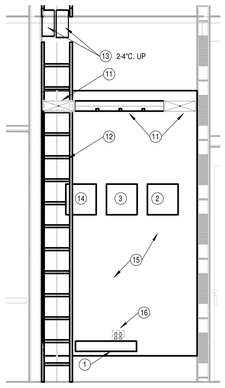
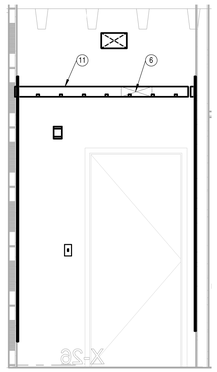


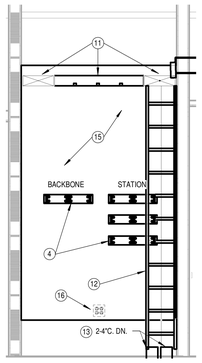
7 1ST FLOOR TECH ROOM - RACK ELEVATION
1 1/2" = 1'-0"



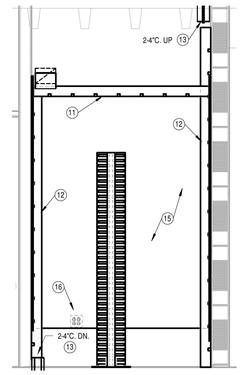
6 1ST FLOOR TECH ROOM - SOUTH WALL
1/2" = 1'-0"



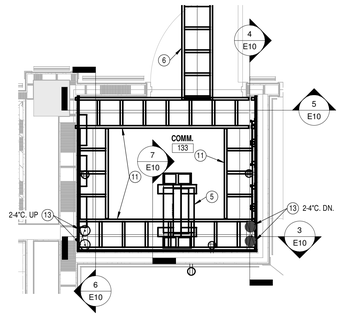
5 1ST FLOOR TECH ROOM - WEST WALL
1/2" = 1'-0"



4 1ST FLOOR TECH ROOM - NORTH WALL
1/2" = 1'-0"



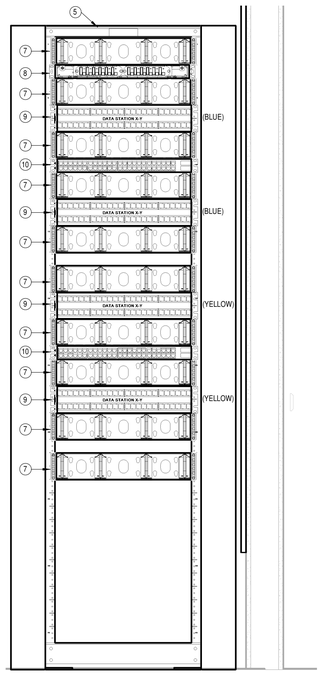
3 1ST FLOOR TECH ROOM - EAST WALL
1/2" = 1'-0"



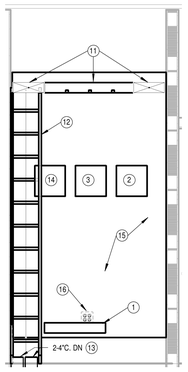
1 1ST FLOOR TECH ROOM
1/2" = 1'-0"

DETAIL NOTES

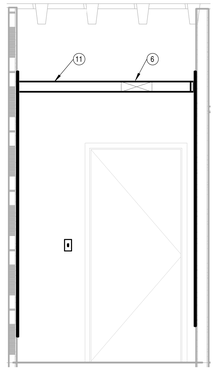
1. TELECOMMUNICATIONS GROUND BAR (TGB).
2. PAGING SYSTEM WALL FIELD.
3. FUTURE SECURITY/ACCESS CONTROL SYSTEM WALL MOUNTED EQUIPMENT.
4. VOICE WALL FIELD.
5. DATA/FIBER CABLING RELAY RACK WITH VERTICAL WIRE MANAGER.
6. EXTEND CORRIDOR CABLE TRAY THROUGH WALL INTO TECH ROOM. PROVIDE FIRESTOPPING.
7. HORIZONTAL WIRE MANAGER (TYP.).
8. FIBER PATCH PANEL.
9. 48 PORT COPPER DATA STATION CABLE PATCH PANEL.
10. 48 PORT POE LAYER 2 EDGE SWITCH.
11. WALL MOUNTED 12"W LADDER RACK.
12. WALL MOUNTED 12"W VERTICAL LADDER RACK.
13. CONDUIT SLEEVE THROUGH FLOOR.
14. CATV TERMINATION.
15. 8' HIGH X FULL WIDTH, 3/4", TYPE A/C FIRE TREATED PLYWOOD, COLOR AS REQUIRED BY COTR.
16. 20A-120V OUTLET ON DEDICATED EMERGENCY CIRCUIT.



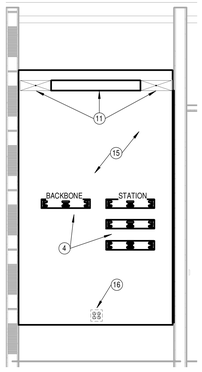
12 2ND FLOOR TECH ROOM - RACK ELEVATION
1 1/2" = 1'-0"



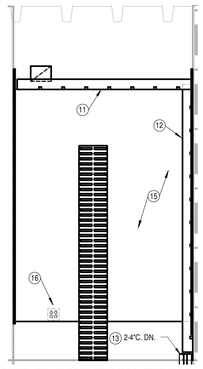
11 2ND FLOOR TECH ROOM - SOUTH WALL
1/2" = 1'-0"



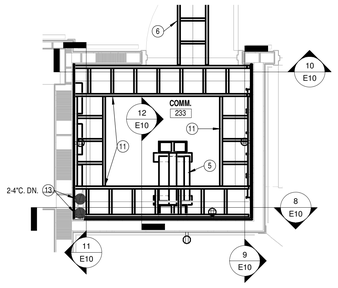
10 2ND FLOOR TECH ROOM - WEST WALL
1/2" = 1'-0"



9 2ND FLOOR TECH ROOM - NORTH WALL
1/2" = 1'-0"



8 2ND FLOOR TECH ROOM - EAST WALL
1/2" = 1'-0"



2 2nd FLOOR TECH ROOM
1/2" = 1'-0"

Revisions	Date

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PROJECT NO. 2010-04024 FIRM LICENSE NO. 01528

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Drawing Title: NEW SIGNALS CLOSET DETAILS

Approved: Project Director

Project Title: RENOVATE CLC BUILDING 211 WEST

Location: Chillicothe, Ohio

Date: 09/06/2013 | Checked: JDK | Drawn: JDK

Project No. VA Project No. 538-107 JPA Project No. 11001.00

Building Number: 211

Drawing Number: E10

Dwg. 112 of 132

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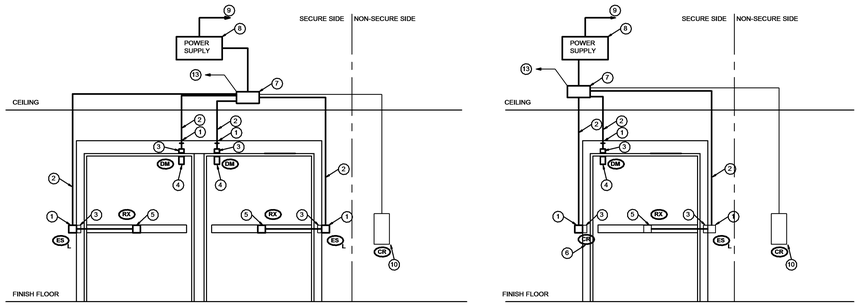
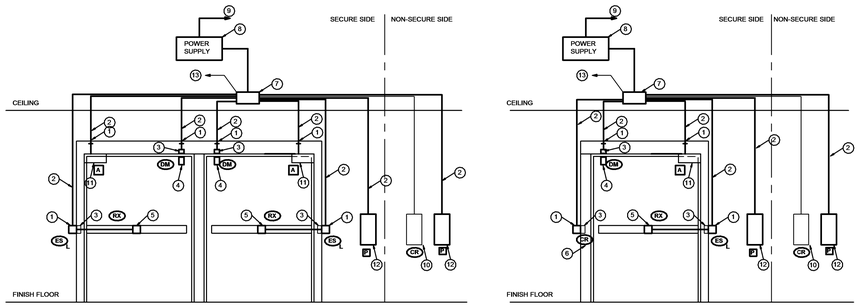


FUTURE CARD READER DOOR

○ DETAIL NOTES

1. PROVIDE CONDUIT CONNECTION INTO DOOR FRAME
2. PROVIDE 0.75" CONDUIT TO LOCAL SECURITY JUNCTION BOX ABOVE ACCESSIBLE CEILING.
3. PROVIDE MORTISE BOX IN FRAME FOR FUTURE SECURITY/DOOR HARDWARE EQUIPMENT AND WIRING
4. FUTURE SECURITY SYSTEM DOOR POSITION SWITCH
5. ELECTRONIC DOOR HARDWARE WITH INTEGRAL REQUEST TO EXIT
6. FUTURE MULLION MOUNTED CARD READER.
7. SECURITY SYSTEM JUNCTION BOX ABOVE: ACCESSIBLE CEILING NEAR CONTROLLED DOOR.
8. LOCAL POWER SUPPLY FOR ELECTRONIC DOOR HARDWARE ABOVE ACCESSIBLE CEILING NEAR CONTROLLED DOOR
9. 120V EMERGENCY BRANCH CIRCUIT CONNECTION TO LOCAL POWER SUPPLY
10. FUTURE CARD READER, BOX, CONDUIT AND WIRING.
11. HANDICAP AUTOMATIC DOOR OPERATOR.
12. WALL MOUNTED PUSHPLATE FOR HANDICAP DOOR OPERATOR INCLUDING ROUGH-IN BOX AND WIRING.
13. FUTURE SECURITY/ACCESS CONTROL SYSTEM DOOR CONTROL WIRING



1 DOOR ROUGH-IN DETAILS
SCALE: N.T.S.

FUTURE CARD READER DOOR WITH AUTOMATIC OPERATOR

Revisions	Date

CONSULTANTS:

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Drawing Title: DOOR ROUGH-IN DETAILS

Approved: Project Director

Project Title: RENOVATE CLC BUILDING 211 WEST

Location: Chillicothe, Ohio

Date: 09/06/2013 | Checked: JDK | Drawn: JDK

Project No. VA Project No. 538-107 JPA Project No. 11001.00

Building Number: 211

Drawing Number: E11

Dwg. 113 of 132

Office of Construction and Facilities Management
Department of Veterans Affairs

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GENERAL NOTES

A MAINTAIN ALL LIGHTING AND RECEPTACLE CIRCUITS FOR NEW WORK (WHERE INDICATED OR REQUIRED).

B REMOVE ALL ACCESSIBLE ABANDONED WIRING OF ALL TYPES, OR CAP AND LABEL IN JUNCTION BOX FOR RE-USE, IN COMPLIANCE WITH THE NATIONAL ELECTRIC CODE.

C MAINTAIN AND RESTORE, IF INTERRUPTED, ALL CONDUITS AND CONDUCTORS PASSING THROUGH RENOVATED AREAS AND SERVICING UNDISTURBED AREAS.

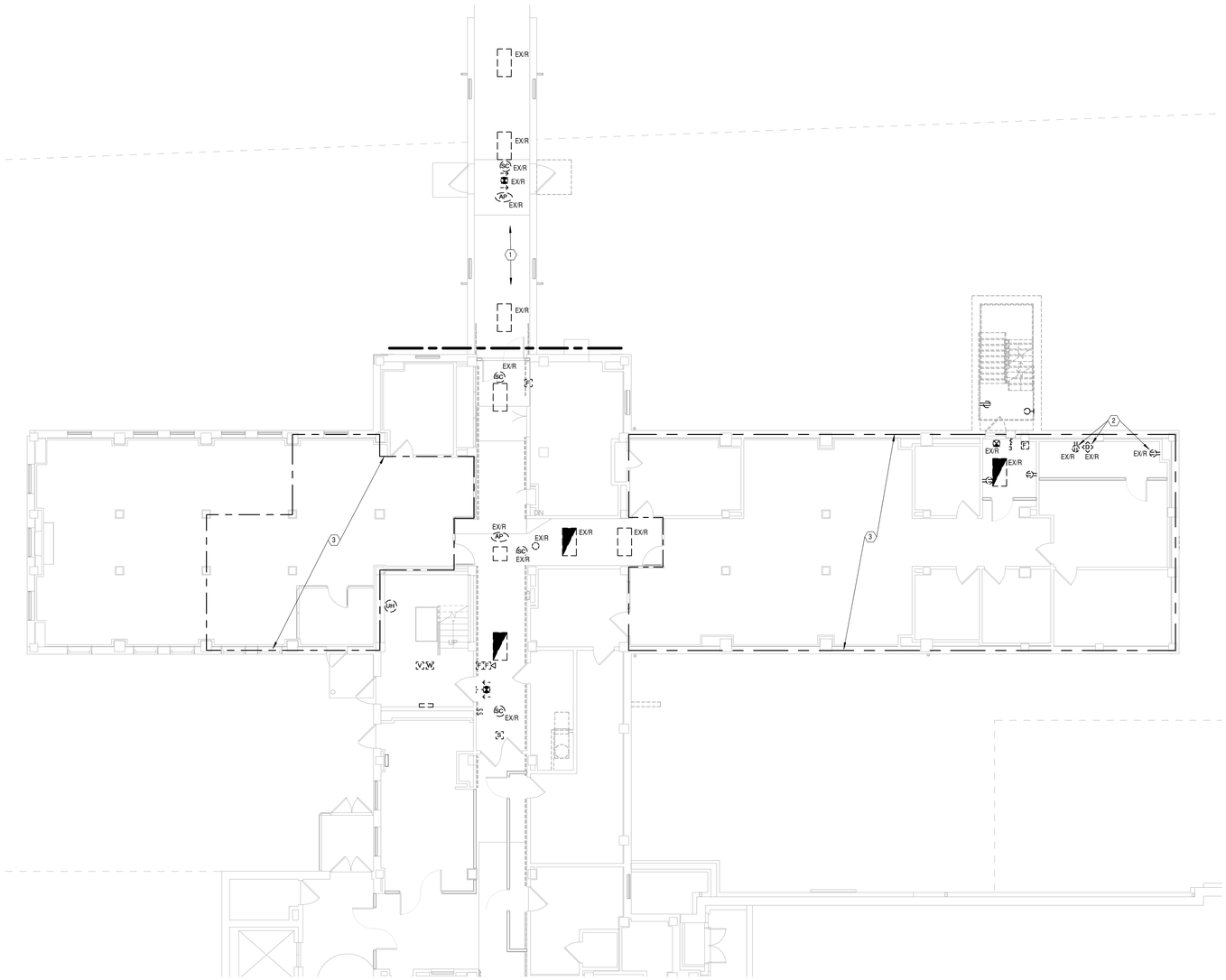
D REFER TO ARCHITECTURAL PHASING PLAN AND INCLUDE ALL WORK NECESSARY TO ACCOMMODATE PHASING.

NOTES

1 EXISTING COMMUNICATIONS CABLING ROUTED THROUGH CONNECTOR TO REMAIN.

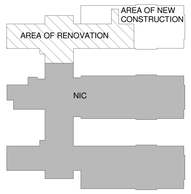
2 RELOCATE DEVICE TO ACCOMMODATE NEW WALL.

3 REMOVE AND REINSTALL ALL EXISTING ELECTRICAL CEILING DEVICES (ie., LIGHTING, SPEAKERS, OCCUPANCY SENSORS, ETC.) AS REQUIRED TO ACCOMMODATE CEILING REMOVAL/REPLACEMENT FOR NEW PLUMBING WORK.



N 1 BASEMENT FLOOR PLAN - REMOVALS

Scale: 1/8" = 1'-0"



KEYPLAN

Scale: N.T.S.

Revisions	Date

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Drawing Title: BASEMENT FLOOR PLAN - REMOVALS

Approved: Project Director

Project Title: RENOVATE CLC BUILDING 211 WEST

Location: Chillicothe, Ohio

Date: 09/06/2013 | Checked: LLC | Drawn: MSG

Project No. VA Project No. 538-107 JPA Project No. 11001.00

Building Number: 211

Drawing Number: 211 - E1

Dwg. 114 of 132

Office of Construction and Facilities Management

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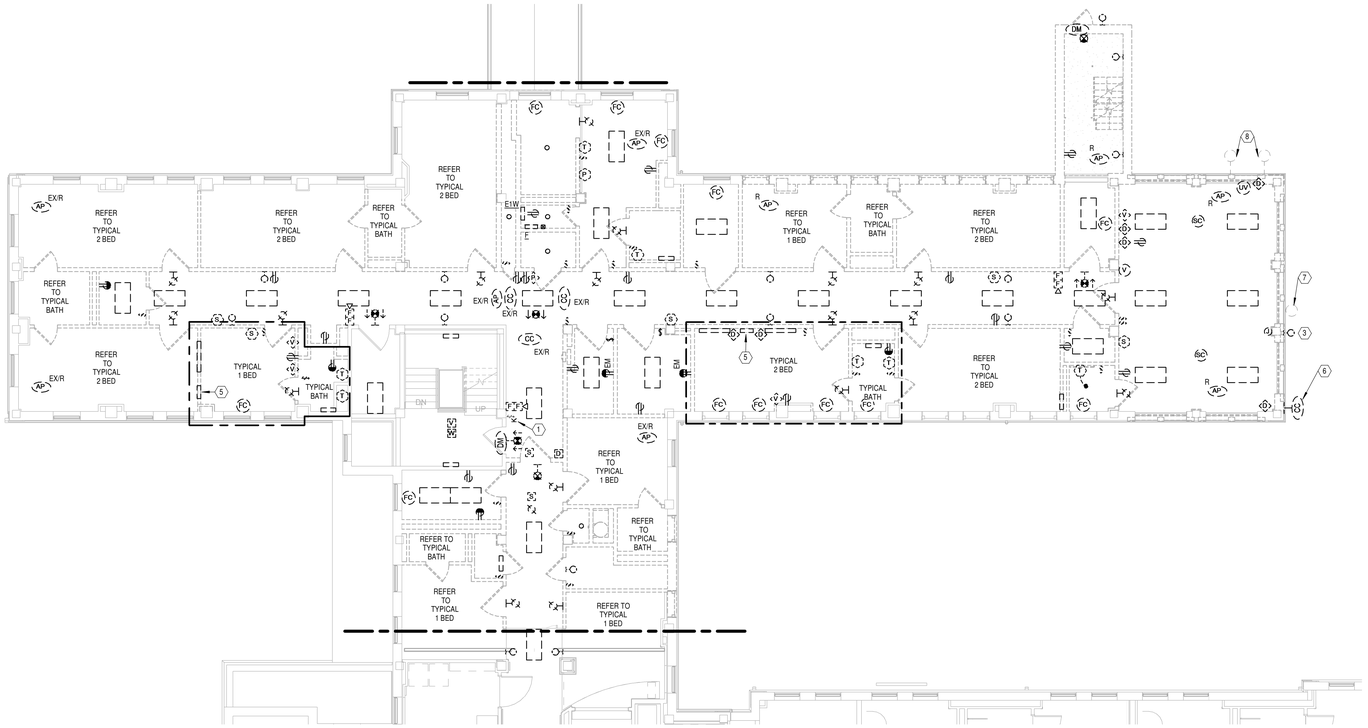
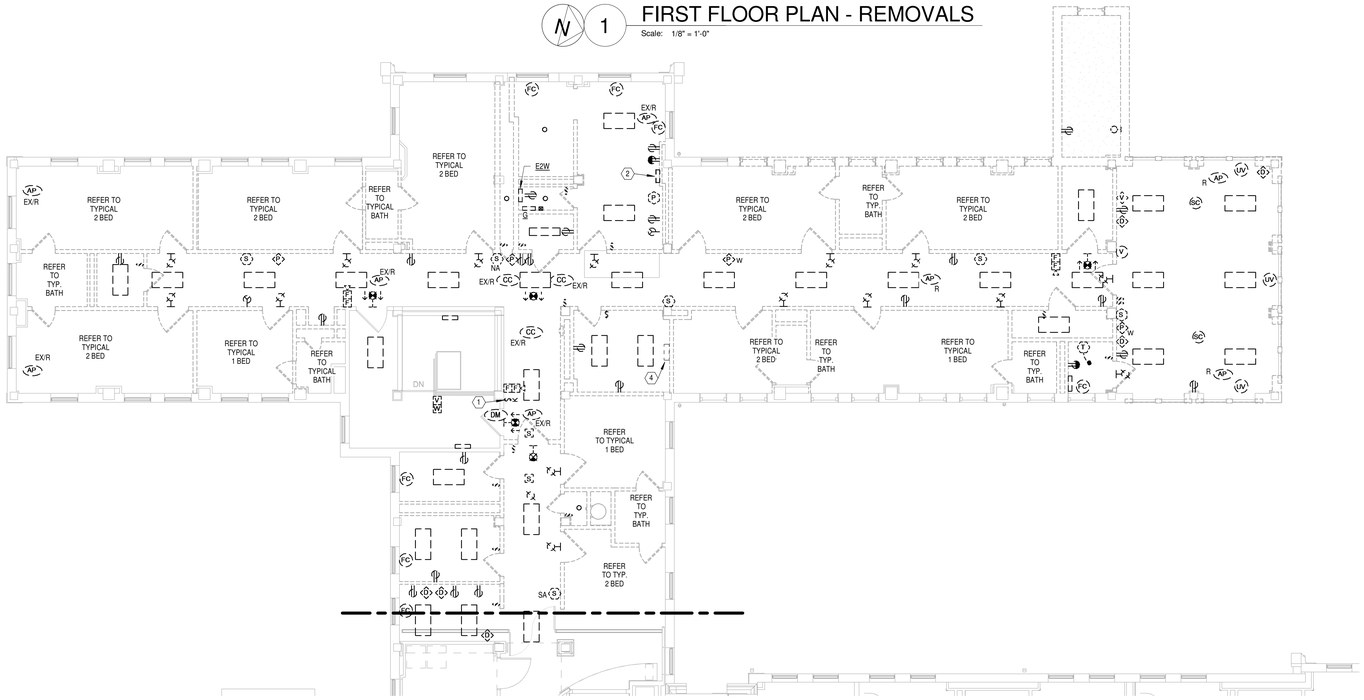


N 1 FIRST FLOOR PLAN - REMOVALS

Scale: 1/8" = 1'-0"



N 2 SECOND FLOOR PLAN - REMOVALS

Scale: 1/8" = 1'-0"

GENERAL NOTES

A MAINTAIN ALL LIGHTING AND RECEPTACLE CIRCUITS FOR NEW WORK (WHERE INDICATED OR REQUIRED).

B REMOVE ALL ACCESSIBLE ABANDONED WIRING OF ALL TYPES, OR CAP AND LABEL IN JUNCTION BOX FOR RE-USE, IN COMPLIANCE WITH THE NATIONAL ELECTRIC CODE.

C MAINTAIN AND RESTORE, IF INTERRUPTED, ALL CONDUITS AND CONDUCTORS PASSING THROUGH RENOVATED AREAS AND SERVICING UNDISTURBED AREAS.

D REFER TO ARCHITECTURAL PHASING PLAN AND INCLUDE ALL WORK NECESSARY TO ACCOMMODATE PHASING.

E ALL NURSE CALL DEVICES SHOWN HAVE BEEN REMOVED AND TURNED OVER TO OWNER/USED ON PREVIOUS PHASES. REMOVE REMAINING BACKBOX, CONDUIT, WIRING, ETC.

NOTES

1 REMOVE KEY PAD AND ALARM SYSTEM.

2 REMOVE LOAD CENTER.

3 REMOVE FLOOD LIGHT.

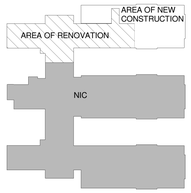
4 REMOVE ABANDONED NURSE CALL POWER SUPPLIES.

5 PREFABRICATED HEADWALL UNIT TO BE REMOVED BY DIV. 01. DISCONNECT AND REMOVE ALL LIGHT FIXTURES, GROUNDING, NURSE CALL, SWITCHES, ETC. AND CIRCUITRY BACK TO SOURCE.

6 EXISTING CAMERA TO BE RELOCATED TO END OF NEW ADDITION INCLUDING EXTENDING EXISTING CABLING.

7 EXISTING ANTENNA AND CABLING TO BE REMOVED.

8 EXISTING SATELLITE DISHES AND CABLING TO BE REMOVED.



KEYPLAN

Scale: N.T.S.

Revisions	Date

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Drawing Title: FIRST AND SECOND FLOOR PLANS - REMOVALS

Approved: Project Director

Project Title: RENOVATE CLC BUILDING 211 WEST

Location: Chillicothe, Ohio

Date: 09/06/2013 | Checked: LLC | Drawn: MSG

Project No. VA Project No. 538-107 JPA Project No. 11001.00

Building Number: 211

Drawing Number: 211 - E2

Dwg. 115 of 132

Office of Construction and Facilities Management

Department of Veterans Affairs

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GENERAL NOTES

A MAINTAIN ALL LIGHTING AND RECEPTACLE CIRCUITS FOR NEW WORK (WHERE INDICATED OR REQUIRED).

B REMOVE ALL ACCESSIBLE ABANDONED WIRING OF ALL TYPES, OR CAP AND LABEL IN JUNCTION BOX FOR RE-USE, IN COMPLIANCE WITH THE NATIONAL ELECTRIC CODE.

C MAINTAIN AND RESTORE, IF INTERRUPTED, ALL CONDUITS AND CONDUCTORS PASSING THROUGH RENOVATED AREAS AND SERVICING UNDISTURBED AREAS.

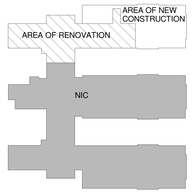
D REFER TO ARCHITECTURAL PHASING PLAN AND INCLUDE ALL WORK NECESSARY TO ACCOMMODATE PHASING.

NOTES

1 AIR HANDLING UNIT TO BE REMOVED BY DIV. 23. DISCONNECT AND REMOVE CIRCUITRY BACK TO SOURCE.

N 1 ATTIC PLAN - REMOVALS

Scale: 1/8" = 1'-0"



KEYPLAN

Scale: N.T.S.

Revisions	Date

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PROJECT NO. 2010-04024 FIRM LICENSE NO. 01528

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Drawing Title: ATTIC FLOOR PLAN - REMOVALS

Approved: Project Director

Project Title: RENOVATE CLC BUILDING 211 WEST

Location: Chillicothe, Ohio

Date: 09/06/2013 | Checked: LLC | Drawn: MSG

Project No.
VA Project No. 538-107
JPA Project No. 11001.00

Building Number: 211

Drawing Number: 211 - E3

Dwg. 116 of 132

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Department of Veterans Affairs

9/6/2013 1:30:36 PM

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GENERAL NOTES

A (1) EACH BRANCH CIRCUIT HOMERUN SHALL HAVE NO MORE THAN THREE CIRCUITS. EACH BRANCH CIRCUIT SHALL HAVE A SEPARATE NEUTRAL AND COMMON/SHARED GREEN INSULATED EQUIPMENT GROUNDING CONDUCTOR.

B MULTI-GANG BACKBOXES FOR DIFFERENT VOLTAGES AND TYPES OF EMERGENCY AND NORMAL BRANCH WIRING DEVICES SHALL HAVE DIVIDERS BETWEEN DEVICES.

C INCLUDE ALL WORK NECESSARY TO ACCOMMODATE PHASING. REFER TO ARCHITECTURAL DRAWINGS AND GENERAL REQUIREMENTS SECTION 01 00 00.

D WHERE SWITCHES ARE SHOWN IN SPACES CONTROLLED BY OCCUPANCY SENSORS, WIRE SENSOR RELAY PACK AHEAD OF LOCAL SWITCHING.

E REFER TO ARCHITECTURAL DRAWINGS FOR RATED WALL LOCATIONS.

F REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATIONS OF DEVICES MOUNTED ABOVE OR BELOW CASEWORK, FURNITURE, LAVATORIES, ETC.

G WIRE ALL EXIT SIGNS AHEAD OF LOCAL SWITCHING.

H COORDINATE ALL ELECTRIC WORK ABOVE CEILING WITH PATIENT LIFT TRACK STRUCTURE.

NOTES

1 UNDER DEDUCT ALTERNATE PROVIDE 100' OF TEMPORARY CONSTRUCTION STRING LIGHTS, 26W SELF BALLASTED COMPACT FLUORESCENT LAMPS WITH SHATTER RESISTANT COATING, PLASTIC CAGE AROUND EACH LAMP, 16 AMP CORD AND PLUG FOR SHELL SPACE. REFER TO ARCHITECTURAL PLANS FOR ALTERNATE LAYOUT. UTILIZE EMERGENCY CIRCUIT LSG-3.

2 PROVIDE EMERGENCY SHUNT/CONTROL RELAY TO CONTROL EMERGENCY LIGHTS WITH NORMAL (ONE RELAY PER SWITCHLEG FOR STEP DIMMING BALLASTS..

3 CONNECT TO EXISTING SECURITY LIGHTING CIRCUIT (CENTER WING ADDITION).

4 RUN THROUGH LIGHTING CONTROL PANEL LCP1 FOR CONTROL (CENTER WING ADDITION).

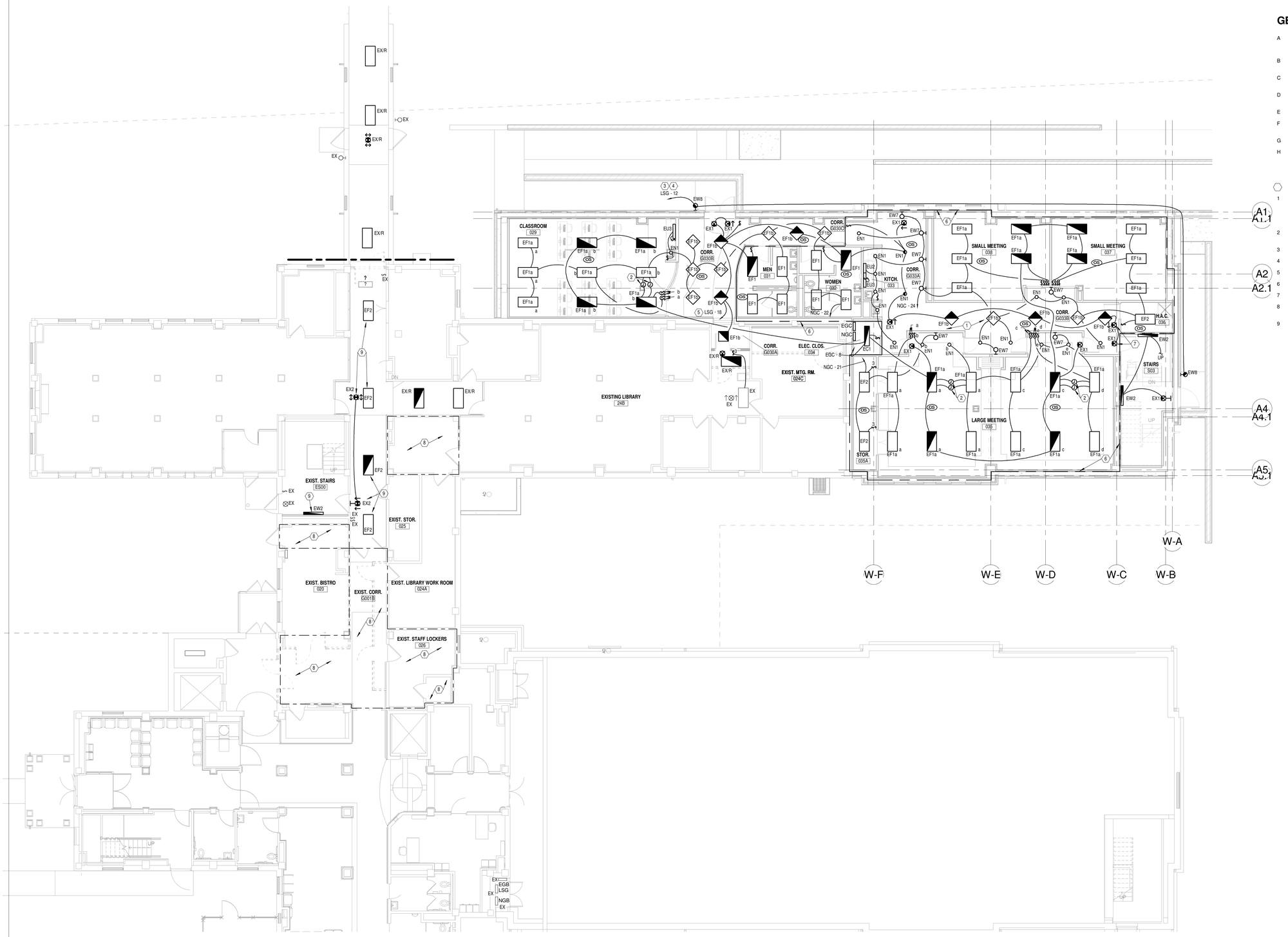
5 PROVIDE NEW 120V-20A CIRCUIT BREAKER IN EXISTING PANEL.

6 UNDER DEDUCT ALTERNATE, DELETE ALL WORK WITHIN THIS AREA.

7 FIXTURES REMAIN IN BASE BID (DO NOT DELETE UNDER DEDUCT ALTERNATE).

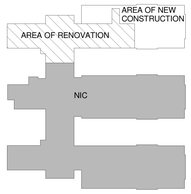
8 TEMPORARILY SUPPORT/SUSPEND LIGHTING FIXTURES TO ACCOMMODATE CEILING REMOVAL / REINSTALLATION FOR DIV. 23 WORK.

9 CONNECT NEW LIGHTING FIXTURE TO EXISTING EM CIRCUIT.



N 1 BASEMENT FLOOR PLAN - LIGHTING

Scale: 1/8" = 1'-0"



KEYPLAN

Scale: N.T.S.

Revisions	Date

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PROJECT NO. 2010-04024 FIRM LICENSE NO. 01528

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Drawing Title: BASEMENT FLOOR PLAN - LIGHTING

Approved: Project Director

Project Title: RENOVATE CLC BUILDING 211 WEST

Location: Chillicothe, Ohio

Date: 09/06/2013 | Checked: LLC | Drawn: MSG

Project No. VA Project No. 538-107 JPA Project No. 11001.00

Building Number: 211

Drawing Number: 211 - E4

Dwg. 117 of 132

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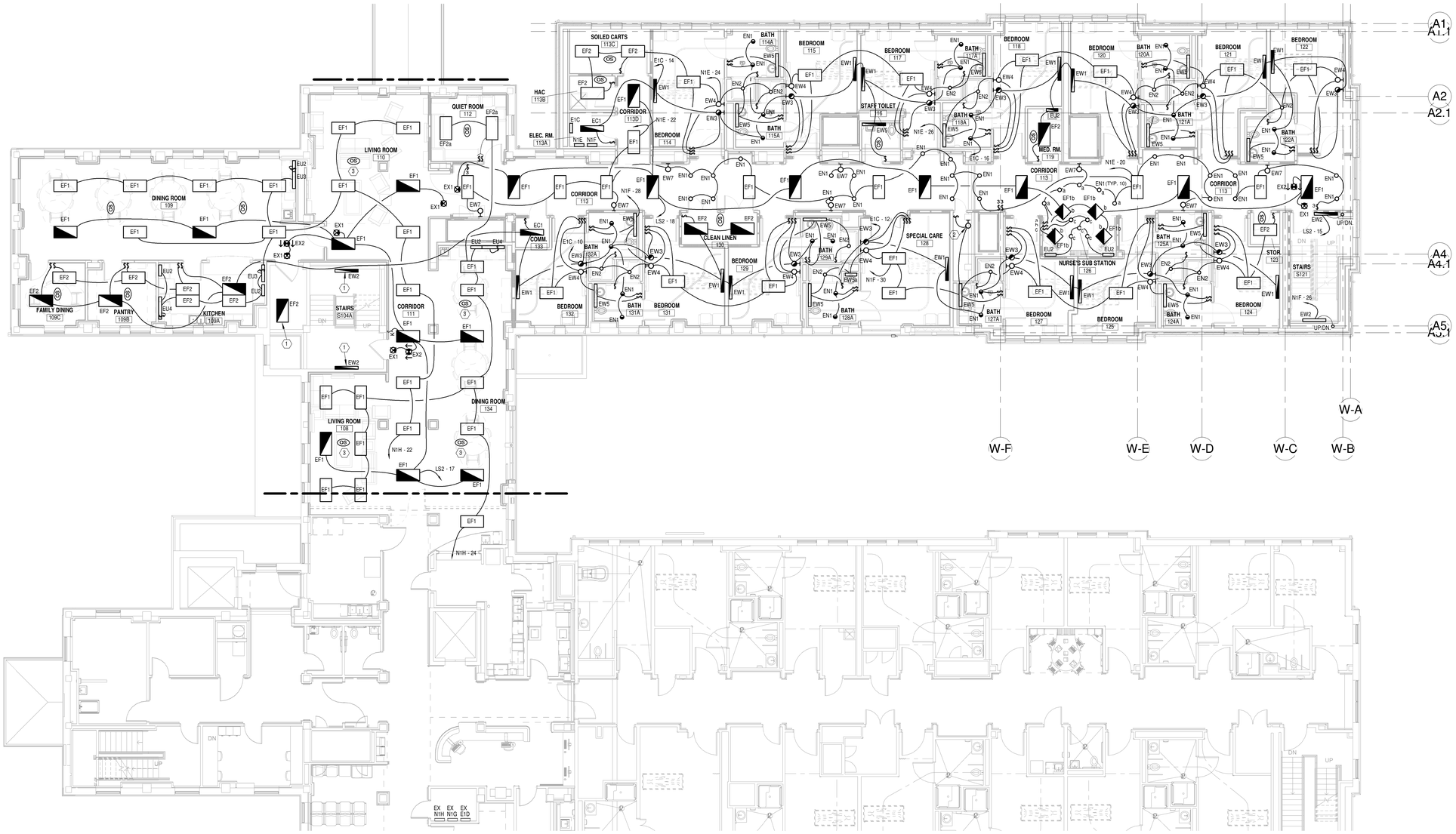


1 FIRST FLOOR PLAN - LIGHTING
Scale: 1/8" = 1'-0"

GENERAL NOTES

A (1) EACH BRANCH CIRCUIT HOMERUN SHALL HAVE NO MORE THAN THREE CIRCUITS. EACH BRANCH CIRCUIT SHALL HAVE A SEPARATE NEUTRAL AND COMMON/SHARED GREEN INSULATED EQUIPMENT GROUNDING CONDUCTOR.

B MULTI-GANG BACKBOXES FOR DIFFERENT VOLTAGES AND TYPES OF EMERGENCY AND NORMAL BRANCH WIRING DEVICES SHALL HAVE DIVIDERS BETWEEN DEVICES.

C INCLUDE ALL WORK NECESSARY TO ACCOMMODATE PHASING. REFER TO ARCHITECTURAL DRAWINGS AND GENERAL REQUIREMENTS SECTION 01 00 00.

D WHERE SWITCHES ARE SHOWN IN SPACES CONTROLLED BY OCCUPANCY SENSORS, WIRE SENSOR RELAY PACK AHEAD OF LOCAL SWITCHING.

E REFER TO ARCHITECTURAL DRAWINGS FOR RATED WALL LOCATIONS.

F REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATIONS OF DEVICES MOUNTED ABOVE OR BELOW CASEWORK, FURNITURE, LAVATORIES, ETC.

G WIRE ALL EXIT SIGNS AHEAD OF LOCAL SWITCHING.

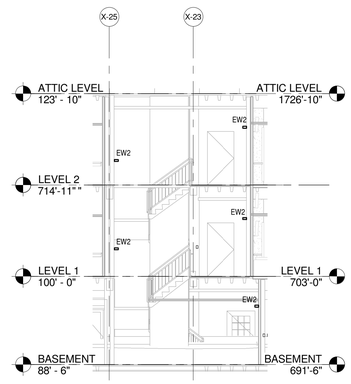
H COORDINATE ALL ELECTRIC WORK ABOVE CEILING WITH PATIENT LIFT TRACK STRUCTURE.

NOTES

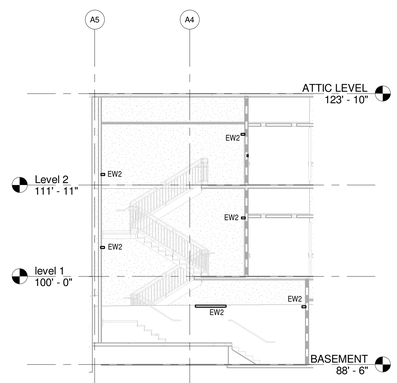
1 CONNECT TO EXISTING EMERGENCY SOURCE.

2 PROVIDE 100W GLASS GLOBE "JELLY JAR" WITH CAST ALUMINUM GUARD, WALL MTD AT 7'-0".

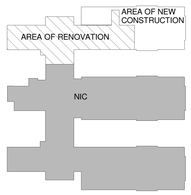
3 OCCUPANCY SENSOR FOR DDC INTERFACE ONLY.



2 STAIR S011 SECTION
Scale: 1/8" = 1'-0"



3 STAIR S012 SECTION
Scale: 1/8" = 1'-0"



KEYPLAN
Scale: N.T.S.

Revisions	Date

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Drawing Title: FIRST FLOOR PLAN - LIGHTING

Approved: Project Director

Project Title: RENOVATE CLC BUILDING 211 WEST

Location: Chillicothe, Ohio

Date: 09/06/2013 | Checked: LLC | Drawn: MSG

Project No. VA Project No. 538-107 JPA Project No. 11001.00

Building Number: 211

Drawing Number: 211 - E5

Dwg. 118 of 132

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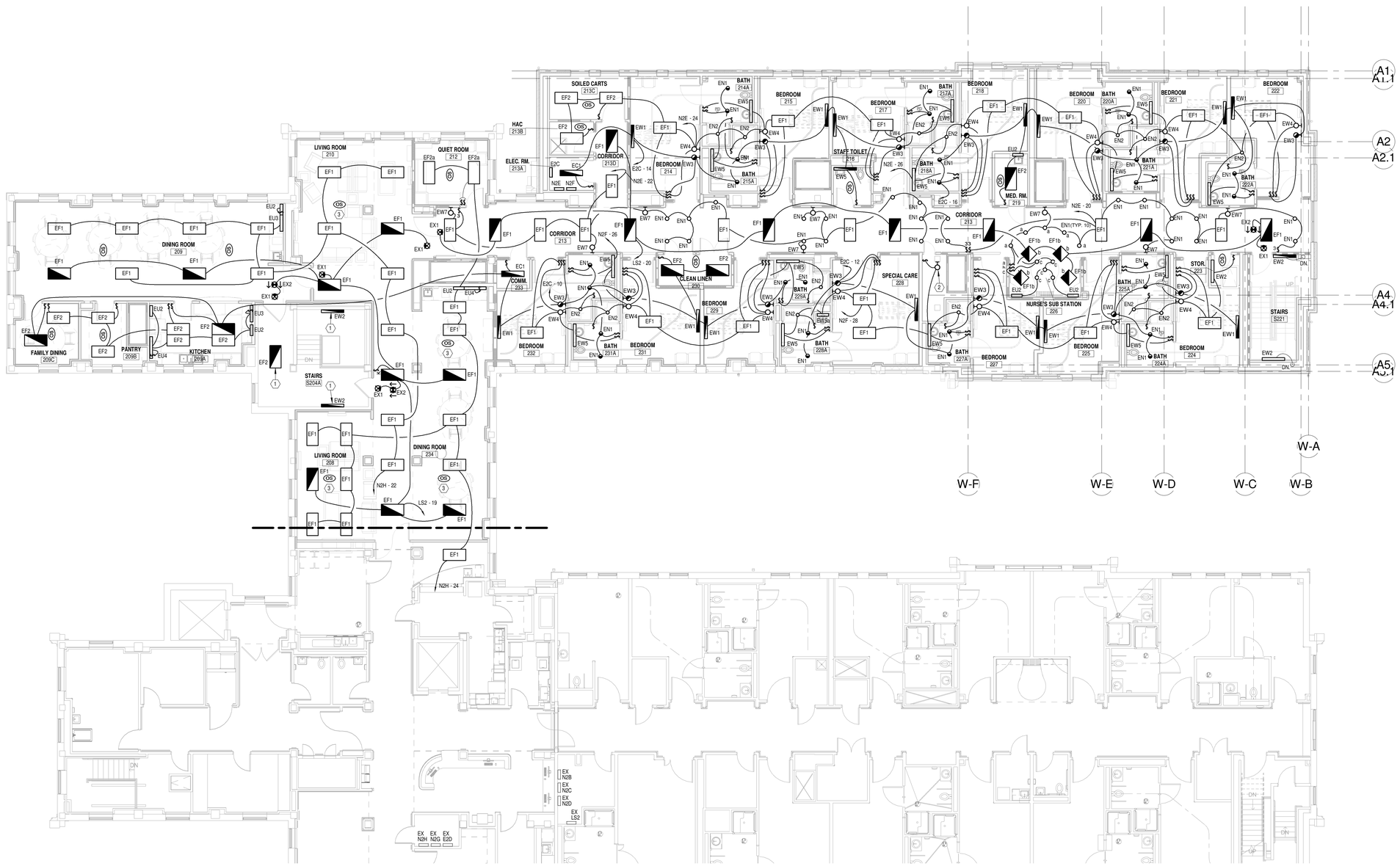


GENERAL NOTES

A (1) EACH BRANCH CIRCUIT HOMERUN SHALL HAVE NO MORE THAN THREE CIRCUITS. EACH BRANCH CIRCUIT SHALL HAVE A SEPARATE NEUTRAL AND COMMON/SHARED GREEN INSULATED EQUIPMENT GROUNDING CONDUCTOR.

B MULTI-GANG BACKBOXES FOR DIFFERENT VOLTAGES AND TYPES OF EMERGENCY AND NORMAL BRANCH WIRING DEVICES SHALL HAVE DIVIDERS BETWEEN DEVICES.

C INCLUDE ALL WORK NECESSARY TO ACCOMMODATE PHASING. REFER TO ARCHITECTURAL DRAWINGS AND GENERAL REQUIREMENTS SECTION 01 00 00.

D WHERE SWITCHES ARE SHOWN IN SPACES CONTROLLED BY OCCUPANCY SENSORS, WIRE SENSOR RELAY PACK AHEAD OF LOCAL SWITCHING.

E REFER TO ARCHITECTURAL DRAWINGS FOR RATED WALL LOCATIONS.

F REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATIONS OF DEVICES MOUNTED ABOVE OR BELOW CASEWORK, FURNITURE, LAVATORIES, ETC.

G WIRE ALL EXIT SIGNS AHEAD OF LOCAL SWITCHING.

H COORDINATE ALL ELECTRIC WORK ABOVE CEILING WITH PATIENT LIFT TRACK STRUCTURE.

NOTES

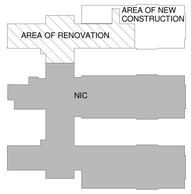
1 CONNECT TO EXISTING EMERGENCY SOURCE.

2 PROVIDE 100W GLASS GLOBE "JELLY JAR" WITH CAST ALUMINUM GUARD, WALL MTD AT 7'-0".

3 OCCUPANCY SENSOR FOR DDC INTERFACE ONLY.

2 SECOND FLOOR PLAN - LIGHTING

Scale: 1/8" = 1'-0"



KEYPLAN

Scale: N.T.S.

Revisions	Date

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PROJECT NO. 2010-04024 FIRM LICENSE NO. 01528

STATE OF OHIO — JOHN A. BLACK 49341 — REGISTERED PROFESSIONAL ENGINEER

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Drawing Title: SECOND FLOOR PLAN - LIGHTING

Approved: Project Director

Project Title: RENOVATE CLC BUILDING 211 WEST

Location: Chillicothe, Ohio

Date: 09/06/2013 | Checked: LLC | Drawn: MSG

Project No. VA Project No. 538-107 JPA Project No. 11001.00

Building Number: 211

Drawing Number: 211 - E6

Dwg. 119 of 132

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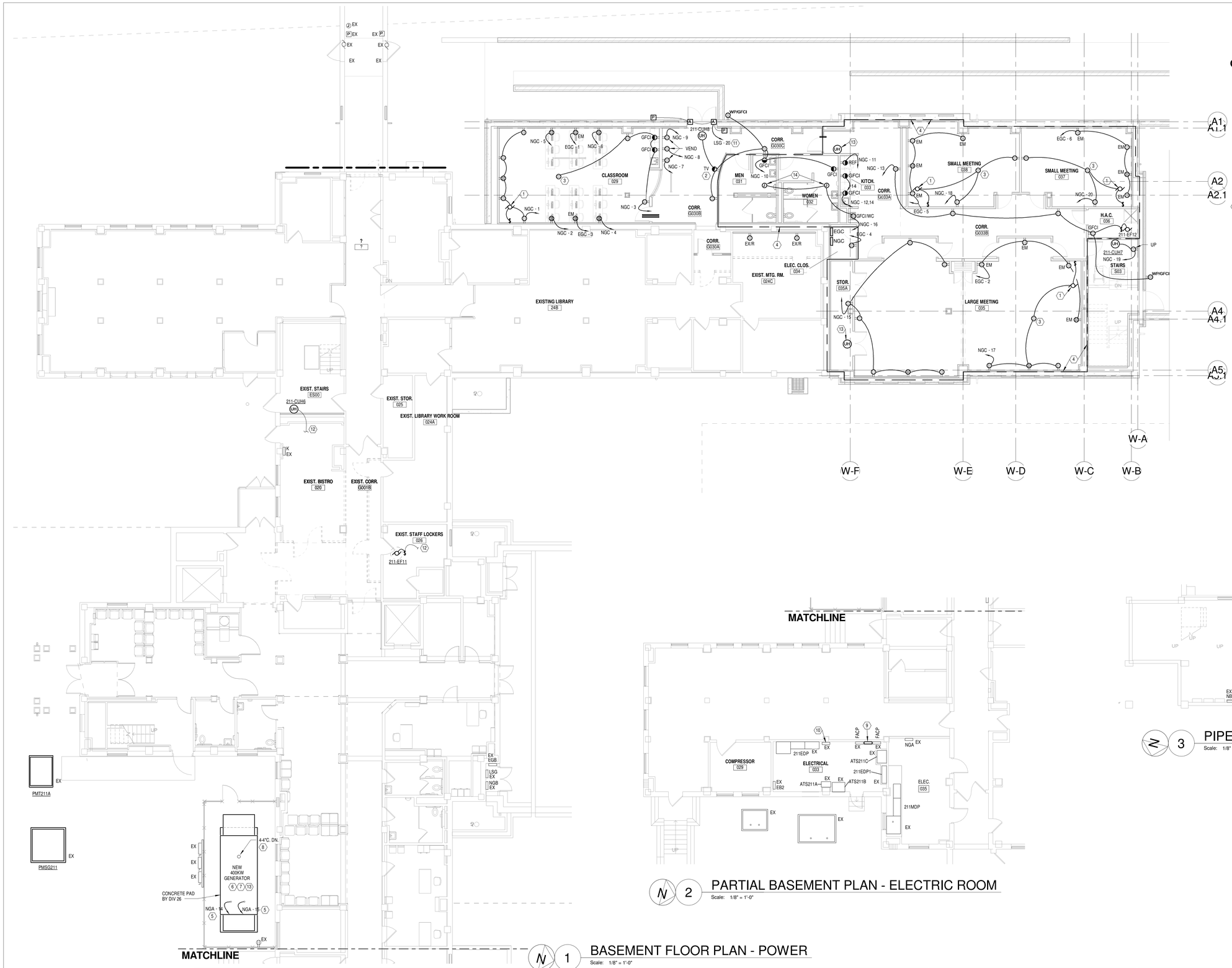


GENERAL NOTES

A (1) EACH BRANCH CIRCUIT HOMERUN SHALL HAVE NO MORE THAN THREE CIRCUITS. EACH BRANCH CIRCUIT SHALL HAVE A SEPARATE NEUTRAL AND GREEN INSULATED EQUIPMENT GROUNDING CONDUCTOR.

B MULTI-GANG BACKBOXES FOR DIFFERENT VOLTAGES AND TYPES OF EMERGENCY AND NORMAL BRANCH WIRING DEVICES SHALL HAVE DIVIDERS BETWEEN EVICES.

C INCLUDE ALL WORK NECESSARY TO ACCOMMODATE PHASING. REFER TO ARCHITECTURAL DRAWINGS AND GENERAL REQUIREMENTS SECTION 01 00 00.

D REFER TO ARCHITECTURAL DRAWINGS FOR RATED WALL LOCATIONS.

E REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATIONS OF DEVICES MOUNTED ABOVE OR BELOW CASEWORK, FURNITURE, LAVATORIES, ETC.

F COORDINATE ALL ELECTRIC WORK ABOVE CEILING WITH PATIENT LIFT TRACK STRUCTURE.

PLAN NOTES

1 PROVIDE 120V CIRCUIT ROUGH-IN FOR FUTURE MOTORIZED PROJECTION SCREEN.

2 RECEPTACLE FOR TV. COORDINATE EXACT HEIGHT/LOCATION WITH ARCHITECT.

3 RECEPTACLE FLUSH IN CEILING FOR PROJECTOR. COORDINATE EXACT LOCATION WITH ARCHITECT.

4 UNDER DEDUCT ALTERNATE, DELETE ALL WORK WITHIN THIS AREA.

5 CIRCUIT PROVIDE UNDER 211 EAST WING PROJECT.

6 SUBMIT SEALED DRAWINGS FROM A PROFESSIONAL ENGINEER SHOWING PAD DIMENSIONS, REBAR ARRANGEMENT, ETC. WITH SHOP DRAWINGS.

7 PROVIDE UL2085 PROTECTED SUB-BASE TANK WITH 30 PLUS HOURS OF FUEL (APPROX. 1000 GALLONS). REFER TO SPECIFICATIONS.

8 CONTROL CONDUIT / CABLING / PROVIDED UNDER 211 EAST WING PROJECT. PROVIDE NEW FEEDER CONDUCTORS.

9 NEW GENERATOR REMOTE ANNUNCIATOR.

10 EXISTING SQUARE D PLC CONTROLLER PROVIDED UNDER 211 EAST WING PROJECT. PROVIDE 6MM FIBER IN 0.75"C. TO BUILDING 210 PLC CONTROLLER (APPROX. 450' AWAY). COORDINATE ALL WORK WITH SQUARE D. REFER TO SINGLE LINE DIAGRAM.

11 PROVIDE NEW 120V-20A/1P CIRCUIT BREAKER IN EXISTING PANEL.

12 CONNECT TO LOCAL 120V-20A RECEPTACLE CIRCUIT.

13 GENERATOR WILL HAVE TO BE LIFTED ABOVE EXISTING CHILLERS PROVIDED IN EAST WING PROJECT. INCLUDE ALL RIGGING EQUIPMENT / LABOR REQUIRED.

14 PROVIDE 4"SQ. JUINCTION BOX ABOVE CEILING FOR L.V. LAVATORY TRANSFORMER (BY DIV. 22) AND PROVIDE 0.75"C. FROM BELOW EACH LAVATORY TO ABOVE CEILING FOR L.V. WIRING BY DIV. 22. COORDINATE ALL REQUIREMENTS WITH DIV. 22.

15 PROVIDE NEW 208V-40A/3P CIRCUIT BREAKER IN EXISTING PANEL.

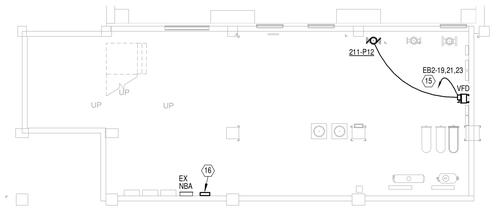
16 CONNECT TO EXISTING DDC PANEL EMERGENCY 120V CIRCUIT.

N 1 BASEMENT FLOOR PLAN - POWER

Scale: 1/8" = 1'-0"

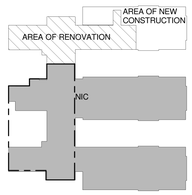
N 2 PARTIAL BASEMENT PLAN - ELECTRIC ROOM

Scale: 1/8" = 1'-0"



N 3 PIPE BASEMENT - TANK ROOM

Scale: 1/8" = 1'-0"



KEYPLAN

Scale: N.T.S.

Revisions	Date

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Drawing Title: BASEMENT FLOOR PLAN - POWER

Approved: Project Director

Project Title: RENOVATE CLC BUILDING 211 WEST

Location: Chillicothe, Ohio

Date: 09/06/2013 | Checked: LLC | Drawn: MSG

Project No. VA Project No. 538-107 JPA Project No. 11001.00

Building Number: 211

Drawing Number: 211 - E7

Dwg. 120 of 132

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GENERAL NOTES

A (1) EACH BRANCH CIRCUIT HOMERUN SHALL HAVE NO MORE THAN THREE CIRCUITS. EACH BRANCH CIRCUIT SHALL HAVE A SEPARATE NEUTRAL AND GREEN INSULATED EQUIPMENT GROUNDING CONDUCTOR.

B MULTI-GANG BACKBOXES FOR DIFFERENT VOLTAGES AND TYPES OF EMERGENCY AND NORMAL BRANCH WIRING DEVICES SHALL HAVE DIVIDERS BETWEEN DEVICES.

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D REFER TO ARCHITECTURAL DRAWINGS FOR RATED WALL LOCATIONS.

E REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATIONS OF DEVICES MOUNTED ABOVE OR BELOW CASEWORK, FURNITURE, LAVATORIES, ETC.

F COORDINATE ALL ELECTRIC WORK ABOVE CEILING WITH PATIENT LIFT TRACK STRUCTURE.

NOTES

1 PROVIDE 4"SQ. JUNCTION BOX ABOVE CEILING FOR L.V. LAVATORY TRANSFORMER (BY DIV. 22) AND PROVIDE 0.75"C. FROM BELOW EACH LAVATORY TO ABOVE CEILING FOR L.V. WIRING BY DIV. 22. COORDINATE ALL REQUIREMENTS WITH DIV. 22.

2 MOUNT RECEPTACLE FLUSH IN CEILING FOR PATIENT LIFT BY VA. COORDINATE EXACT LOCATION WITH COTR.

3 PROVIDE 208V-20A NEMA 6-20R RECEPTACLE FOR HOT FOOD COUNTER. RUN 2-#12, 1-#12 GRD. IN 0.75"C.

4 LOCATE RECEPTACLE WITHIN CASEWORK FOR FIRE SUPPRESSION SYSTEM MODULE PROVIDED BY DIV 23.

5 PROVIDE 250V-50A RECEPTACLE FOR RESIDENTIAL RANGE. RUN 3-#6, 1-#10 GRD. IN 0.75"C. RUN CIRCUIT THRU CONTACTOR LOCATED IN ELEC CLOSET. REFER TO DETAIL 2/211-E8.

6 PROVIDE 208V-20A NEMA 6-20R RECEPTACLE FOR TOASTER. RUN 2-#12, 1-#12 GRD. IN 0.75"C.

7 RANGE HOOD PROVIDED BY DIVISION 1. PROVIDE REQUIRED 120V ELECTRICAL CONNECTIONS.

8 PROVIDE 230V-90A3P NEMA RATED LATCHING CONTACTOR WITH 120V COIL FOR RANGE CONTROL. CONNECT COIL CIRCUIT TO LOCAL RECEPTACLE CIRCUIT AND RUN THROUGH SWITCH.

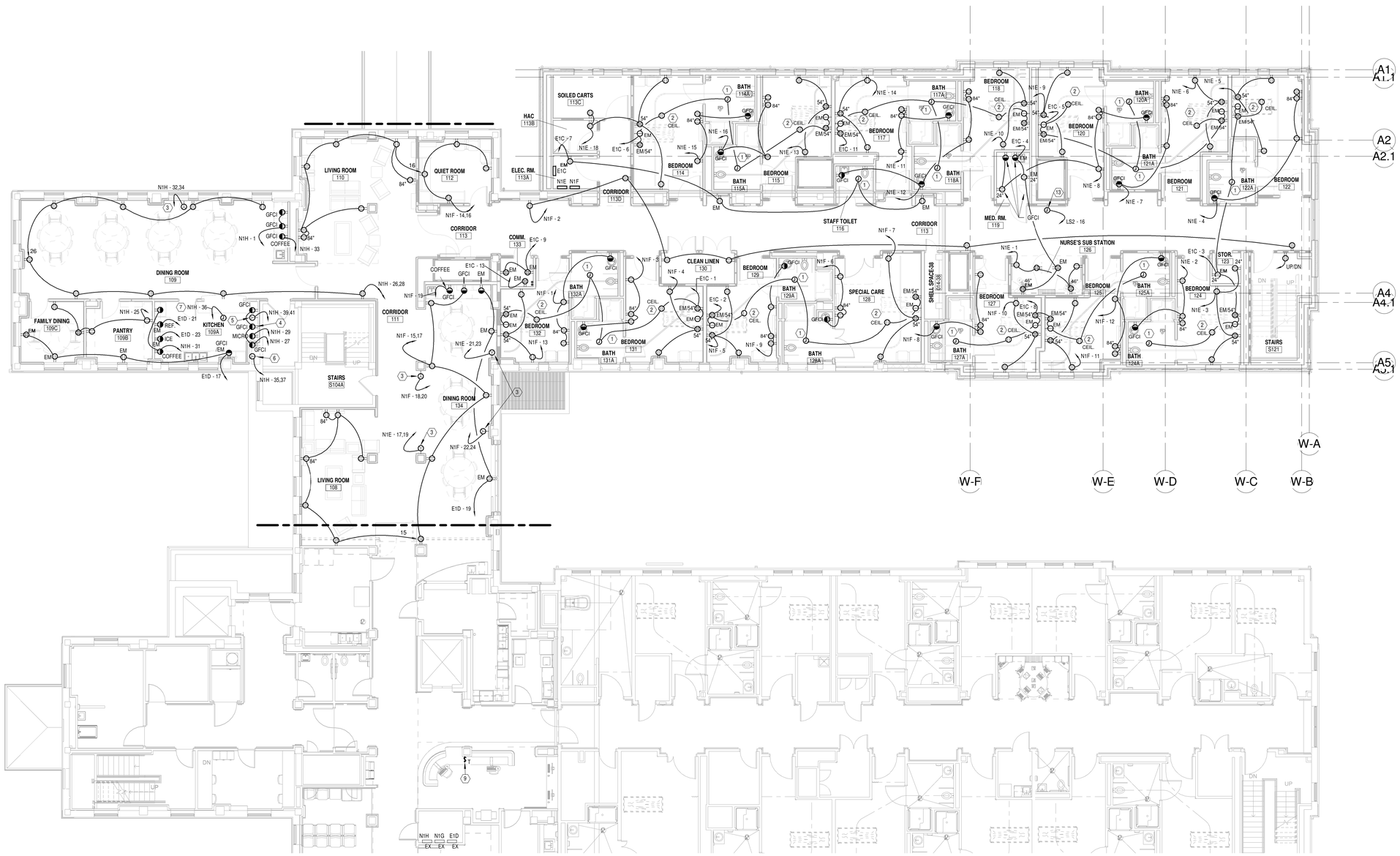
9 PROVIDE ONE 120V - 60 MINUTE SPRING WOUND TIMER FOR RANGE CONTACTOR CONTROL. LABEL COVERPLATE TO READ "RANGE"

10 208/120V-50A RECEPTACLE AND CONTACTOR IN NEMA 1 ENCLOSURE FURNISHED BY DIVISION 23 AND INSTALLED BY DIVISION 26 FOR RANGE. LOCATE IN CASEWORK ADJACENT TO RANGE.

11 REFER TO SIGNALS PLAN, SHEET 211-E11.

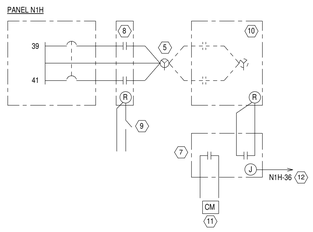
12 PROVIDE 120V SHUNT TRIP CONTACTOR CONTROL CIRCUIT FROM HOOD TO RANGE RECEPTACLE CONTACTOR.

13 PROVIDE 120V CONNECTION TO AREA OF REFUGE MASTER STATION POWER SUPPLY.



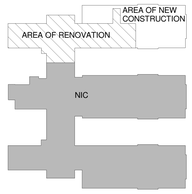
1 FIRST FLOOR PLAN - POWER

Scale: 1/8" = 1'-0"



2 RANGE WIRING DIAGRAM

SCALE: N.T.S.



KEYPLAN

Scale: N.T.S.

Revisions	Date

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Drawing Title: FIRST FLOOR PLAN - POWER

Approved: Project Director

Project Title: RENOVATE CLC BUILDING 211 WEST

Location: Chillicothe, Ohio

Date: 09/06/2013 | Checked: LLC | Drawn: MSG

Project No. VA Project No. 538-107 JPA Project No. 11001.00

Building Number: 211

Drawing Number: 211 - E8

Dwg. 121 of 132

Office of Construction and Facilities Management

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GENERAL NOTES

A (1) EACH BRANCH CIRCUIT HOMERUN SHALL HAVE NO MORE THAN THREE CIRCUITS. EACH BRANCH CIRCUIT SHALL HAVE A SEPARATE NEUTRAL AND GREEN INSULATED EQUIPMENT GROUNDING CONDUCTOR.

B MULTI-GANG BACKBOXES FOR DIFFERENT VOLTAGES AND TYPES OF EMERGENCY AND NORMAL BRANCH WIRING DEVICES SHALL HAVE DIVIDERS BETWEEN DEVICES.

C INCLUDE ALL WORK NECESSARY TO ACCOMMODATE PHASING. REFER TO ARCHITECTURAL DRAWINGS AND GENERAL REQUIREMENTS SECTION 01 00 00.

D REFER TO ARCHITECTURAL DRAWINGS FOR RATED WALL LOCATIONS.

E REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATIONS OF DEVICES MOUNTED ABOVE OR BELOW CASEWORK, FURNITURE, LAVATORIES, ETC.

F COORDINATE ALL ELECTRIC WORK ABOVE CEILING WITH PATIENT LIFT TRACK STRUCTURE.

NOTES

1 PROVIDE 4"SQ. JUNCTION BOX ABOVE CEILING FOR L.V. LAVATORY TRANSFORMER (BY DIV. 22) AND PROVIDE 0.75"C. FROM BELOW EACH LAVATORY TO ABOVE CEILING FOR L.V. WIRING BY DIV. 22. COORDINATE ALL REQUIREMENTS WITH DIV. 22.

2 MOUNT RECEPTACLE FLUSH IN CEILING FOR PATIENT LIFT BY VA. COORDINATE EXACT LOCATION WITH CCTR.

3 PROVIDE 208V-20A NEMA 6-20R RECEPTACLE FOR HOT FOOD COUNTER. RUN 2-#12, 1-#12 GRD. IN 0.75"C.

4 LOCATE RECEPTACLE WITHIN CASEWORK FOR FIRE SUPPRESSION SYSTEM MODULE PROVIDED BY DIV 23.

5 PROVIDE 250V-50A RECEPTACLE FOR RESIDENTIAL RANGE. RUN 3-#6, 1-#10 GRD. IN 0.75"C. RUN CIRCUIT THRU CONTACTOR LOCATED IN ELEC CLOSET. REFER TO DETAIL 2/211-E8.

6 PROVIDE 208V-20A NEMA 6-20R RECEPTACLE FOR TOASTER. RUN 2-#12, 1-#12 GRD. IN 0.75"C.

7 RANGE HOOD PROVIDED BY DIVISION 1. PROVIDE REQUIRED 120V ELECTRICAL CONNECTIONS.

8 PROVIDE 230V-90A3P NEMA RATED LATCHING CONTACTOR WITH 120V COIL FOR RANGE CONTROL. CONNECT COIL CIRCUIT TO LOCAL RECEPTACLE CIRCUIT AND RUN THROUGH SWITCH LOCATED IN WORKROOM.

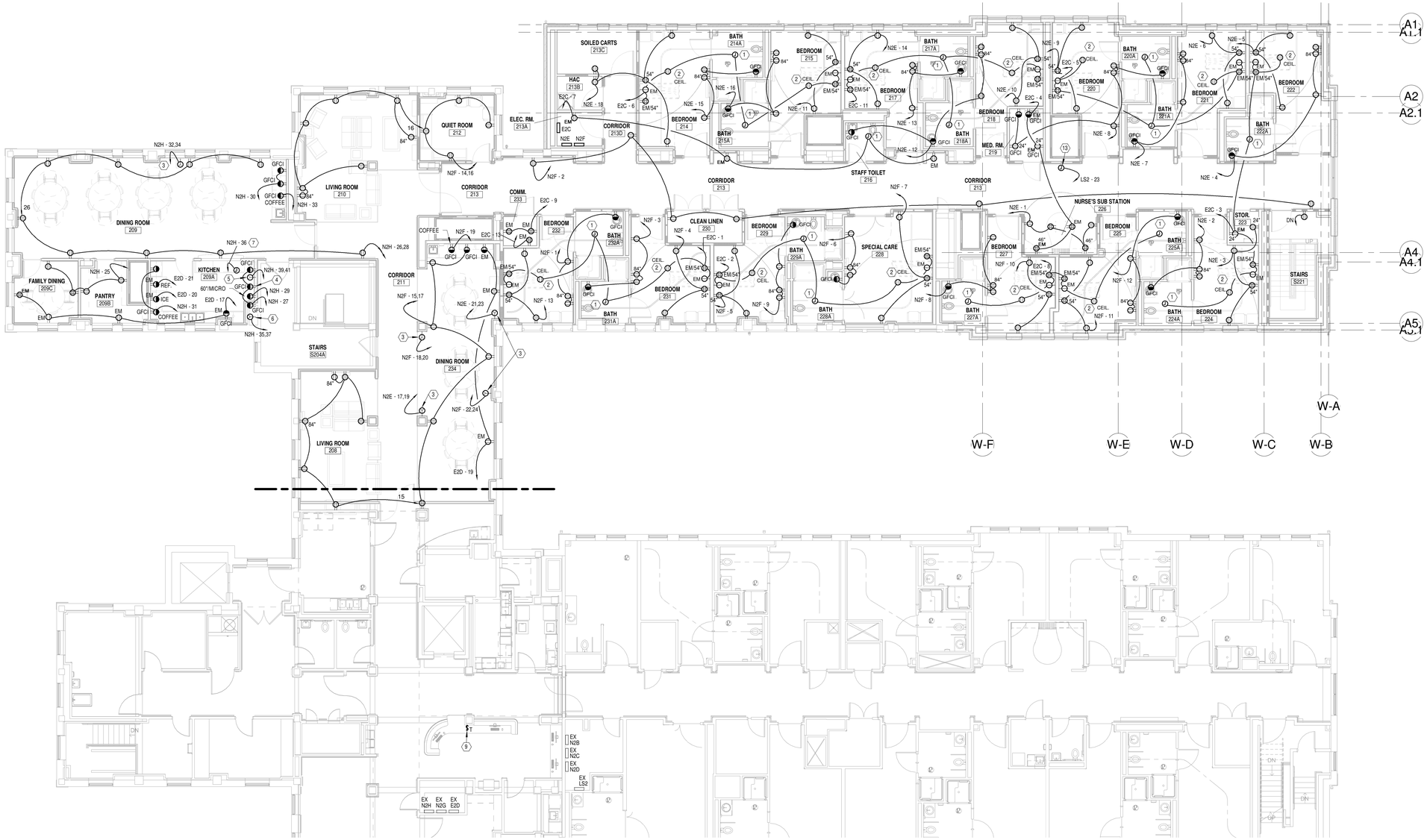
9 PROVIDE ONE 120V - 60 MINUTE SPRING WOUND TIMER FOR RANGE CONTACTOR CONTROL. LABEL COVERPLATE TO READ "RANGE"

10 208/120V-50A RECEPTACLE AND CONTACTOR IN NEMA 1 ENCLOSURE FURNISHED BY DIVISION 23 AND INSTALLED BY DIVISION 26 FOR RANGE. LOCATE IN CASEWORK ADJACENT TO RANGE.

11 REFER TO SIGNALS PLAN, SHEET 211-E12.

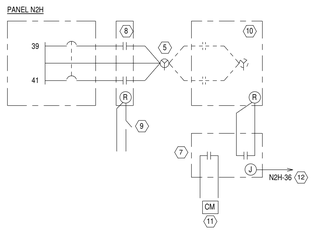
12 PROVIDE 120V SHUNT TRIP CONTACTOR CONTROL CIRCUIT FROM HOOD TO RANGE RECEPTACLE CONTACTOR.

13 PROVIDE 120V CONNECTION TO AREA OF REFUGE MASTER STATION POWER SUPPLY.



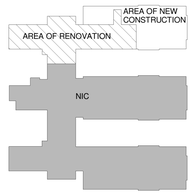
1 SECOND FLOOR PLAN - POWER

Scale: 1/8" = 1'-0"



2 RANGE WIRING DIAGRAM

SCALE: N.T.S.



KEYPLAN

Scale: N.T.S.

Revisions	Date

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Drawing Title: SECOND FLOOR PLAN - POWER

Approved: Project Director

Project Title: RENOVATE CLC BUILDING 211 WEST

Location: Chillicothe, Ohio

Date: 09/06/2013 | Checked: LLC | Drawn: MSG

Project No. VA Project No. 538-107 JPA Project No. 11001.00

Building Number: 211

Drawing Number: 211 - E9

Dwg. 122 of 132

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DETAIL NOTES

1 AREA OF RESCUE 4 ZONE ANNUNCIATOR/MASTER CONTROL PANEL WITH TWO WAY VOICE INTERCOM, ALTERNATE ACTION SWITCH, TWO INTERNAL LED INDICATORS FOR EACH ZONE (INTERCOM ON AND ZONE CALL), ONE YELLOW SUPERVISORY LED, AUDIBLE ALARM (90 db @ 30cm). ANODIZED ALUMINUM CONSTRUCTION WITH SILK SCREENED DESIGNATIONS.

2 120V TO 12/24V POWER SUPPLY WITH SHORT CIRCUIT PROTECTION AND TROUBLE INDICATOR LIGHTS.

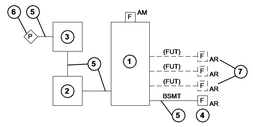
3 TELEPHONE ACCESS KIT WITH AUTO DIALER, DIGITAL ANNOUNCER, MESSEGE PLAYER (UP TO ONE MINUTE) AND UP TO TWO INPUTS. DIALER SHALL BE PROGRAMMED TO CALL POLICE.

4 FULLY SUPERVISED VANDAL RESISTANT CALL STATION WITH TWO WAY VOICE INTERCOM, MOMENTARY CALL IN FLUSH PUSHBUTTON, LED AND AUDIBLE ALARM (70 db @ 30cm). STAINLESS STEEL FACEPLATE AND TAMPERPROOF SCREWS.

5 WIRING IN 0.75"C. PER MANUFACTURER.

6 VOICE JACK. REFER TO FLOOR PLANS.

7 FUTURE DEVICES AND WIRING.



2 AREA OF RESCUE SYSTEM DETAIL

Scale: N.T.S.

GENERAL NOTES

A ALL NEW VOICE/DATA IN THIS AREA TO BE CABLED TO NEW COMM 134A.

B REFER TO ARCHITECTURAL PHASING PLAN AND INCLUDE ALL WORK NECESSARY TO ACCOMMODATE PHASING.

C REFER TO ARCHITECTURAL DRAWINGS FOR RATED WALL LOCATIONS.

D INCLUDE ALL WORK NECESSARY TO ACCOMMODATE PHASING. REFER TO ARCHITECTURAL DRAWINGS AND GENERAL REQUIREMENTS SECTION 01 00 00.

E COORDINATE ALL NEW FIRE ALARM/FIRE SUPPRESSION ZONES WITH COTR.

F REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATIONS OF DEVICES MOUNTED ABOVE OR BELOW CASEWORK, FURNITURE, LAVATORIES, ETC.

G COORDINATE ALL ELECTRIC WORK ABOVE CEILING WITH PATIENT LIFT TRACK STRUCTURE.

PLAN NOTES

1 TEMPORARILY SUPPORT / SUSPEND SIGNAL DEVICES TO ACCOMMODATE CEILING REMOVAL / REINSTALLATION FOR DIV. 23 WORK.

2 EXISTING FIBER TERMINATION AND CATV RECEIVER. RE-CONNECT NEW FIBER.

3 EXISTING CATV/SATELLITE HEADEND CABINET.

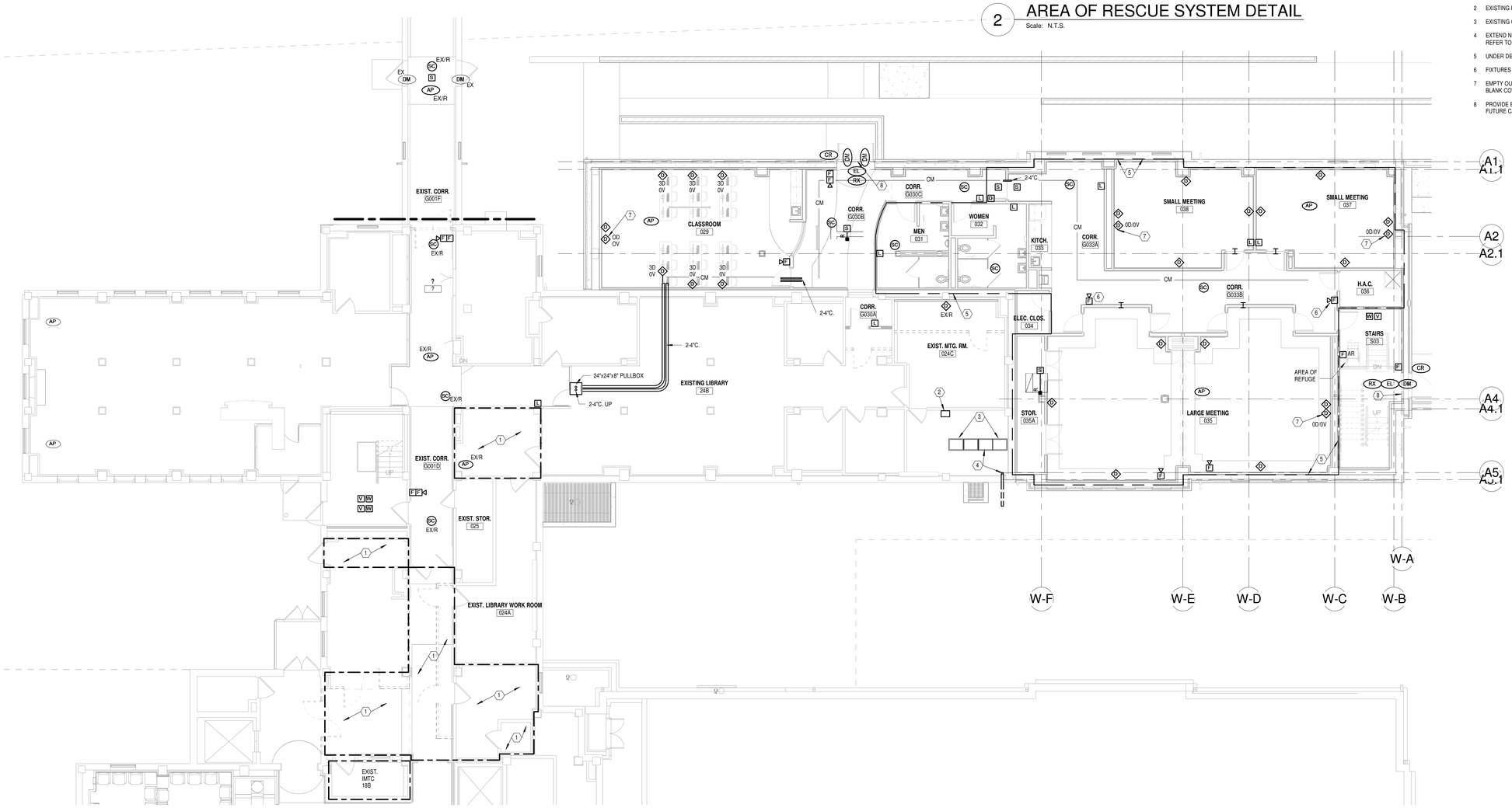
4 EXTEND NEW SATELLITE DISH CABLING BACK INTO EXISTING RECEIVERS/CONTROLLERS. REFER TO SHEET E9 FOR CONTINUATION.

5 UNDER DEDUCT ALTERNATE, DELETE ALL WORK WITHIN THIS AREA.

6 FIXTURES REMAIN IN BASE BID (DO NOT DELETE UNDER DEDUCT ALTERNATE).

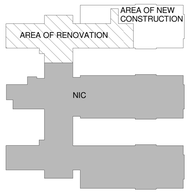
7 EMPTY OUTLET BOX TO BE UTILIZED FOR OWNER FURNISHED AV INPUT OUTLET. PROVIDE BLANK COVER PLATE AND 2-1" CONDUITS TO ABOVE ACCESSIBLE CEILING.

8 PROVIDE ELECTRICAL ROUGH-IN INCLUDING CONDUITS AND COMMON JUNCTION BOX FOR FUTURE CARD READER DOOR. REFER TO DETAILS, SHEET E11.



N 1 BASEMENT FLOOR PLAN - SIGNALS

Scale: 1/8" = 1'-0"



KEYPLAN

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Drawing Title: BASEMENT FLOOR PLAN - SIGNALS

Approved: Project Director

Project Title: RENOVATE CLC BUILDING 211 WEST

Location: Chillicothe, Ohio

Date: 09/06/2013 | Checked: LLC | Drawn: MSG

Project No. VA Project No. 538-107 JPA Project No. 11001.00

Building Number: 211

Drawing Number: 211 - E10

Dwg. 123 of 132

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Department of Veterans Affairs

9/6/2013 1:33:00 PM

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GENERAL NOTES

A ALL NEW VOICE/DATA TO BE CABLED TO COMM 134A THIS SHEET.

B REFER TO ARCHITECTURAL PHASING PLAN AND INCLUDE ALL WORK NECESSARY TO ACCOMMODATE PHASING.

C REFER TO ARCHITECTURAL DRAWINGS FOR RATED WALL LOCATIONS.

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G COORDINATE ALL ELECTRIC WORK ABOVE CEILING WITH PATIENT LIFT TRACK STRUCTURE.

PLAN NOTES

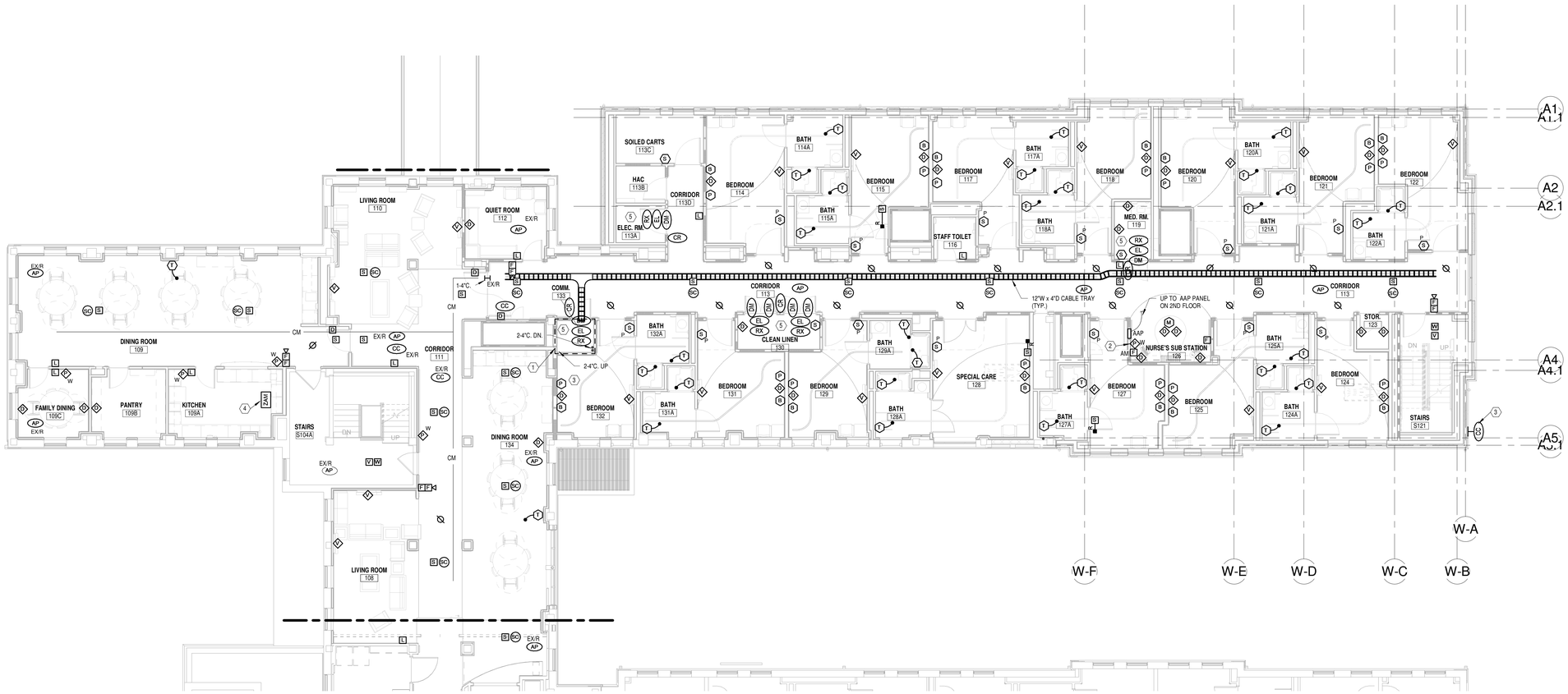
1 REFER TO SHEET E11 FOR TECH ROOM DETAILS.

2 PROVIDE PHONE JACK FOR AREA OF REFUGE.

3 EXISTING CAMERA RELOCATED FROM EXISTING BUILDING. RE-MOUNT CAMERA AND EXTEND EXISTING VIDEO AND POWER CABLING AS REQUIRED. COORDINATE EXACT LOCATION WITH OWNER.

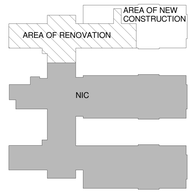
4 PROVIDE ZONE ADDRESSABLE MONITORING MODULE FOR HOOD SUPPRESSION SYSTEM.

5 PROVIDE ELECTRICAL ROUGH-IN INCLUDING CONDUITS AND COMMON JUNCTION BOX FOR FUTURE CARD READER DOOR. REFER TO DETAILS, SHEET E11.



N 1 FIRST FLOOR PLAN - SIGNALS

Scale: 1/8" = 1'-0"



KEYPLAN

Scale: N.T.S.

Revisions	Date

CONSULTANTS:

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PROJECT NO. 2010-04024 FIRM LICENSE NO. 01528

STATE OF OHIO — JOHN A. BLACK 49341 — REGISTERED PROFESSIONAL ENGINEER

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Drawing Title: FIRST FLOOR PLAN - SIGNALS

Approved: Project Director

Project Title: RENOVATE CLC BUILDING 211 WEST

Location: Chillicothe, Ohio

Date: 09/06/2013 | Checked: LLC | Drawn: MSG

Project No. VA Project No. 538-107 JPA Project No. 11001.00

Building Number: 211

Drawing Number: 211 - E11

Dwg. 124 of 132

Office of Construction and Facilities Management

Department of Veterans Affairs

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FULLY SPRINKLERED

GENERAL NOTES

A ALL NEW VOICE/DATA TO BE CABLED TO COMM 234A THIS SHEET.

B REFER TO ARCHITECTURAL PHASING PLAN AND INCLUDE ALL WORK NECESSARY TO ACCOMMODATE PHASING.

C REFER TO ARCHITECTURAL DRAWINGS FOR RATED WALL LOCATIONS.

D INCLUDE ALL WORK NECESSARY TO ACCOMMODATE PHASING. REFER TO ARCHITECTURAL DRAWINGS AND GENERAL REQUIREMENTS SECTION 01 00 00.

E COORDINATE ALL NEW FIRE ALARM/FIRE SUPPRESSION ZONES WITH COTR.

F REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATIONS OF DEVICES MOUNTED ABOVE OR BELOW CASEWORK, FURNITURE, LAVATORIES, ETC.

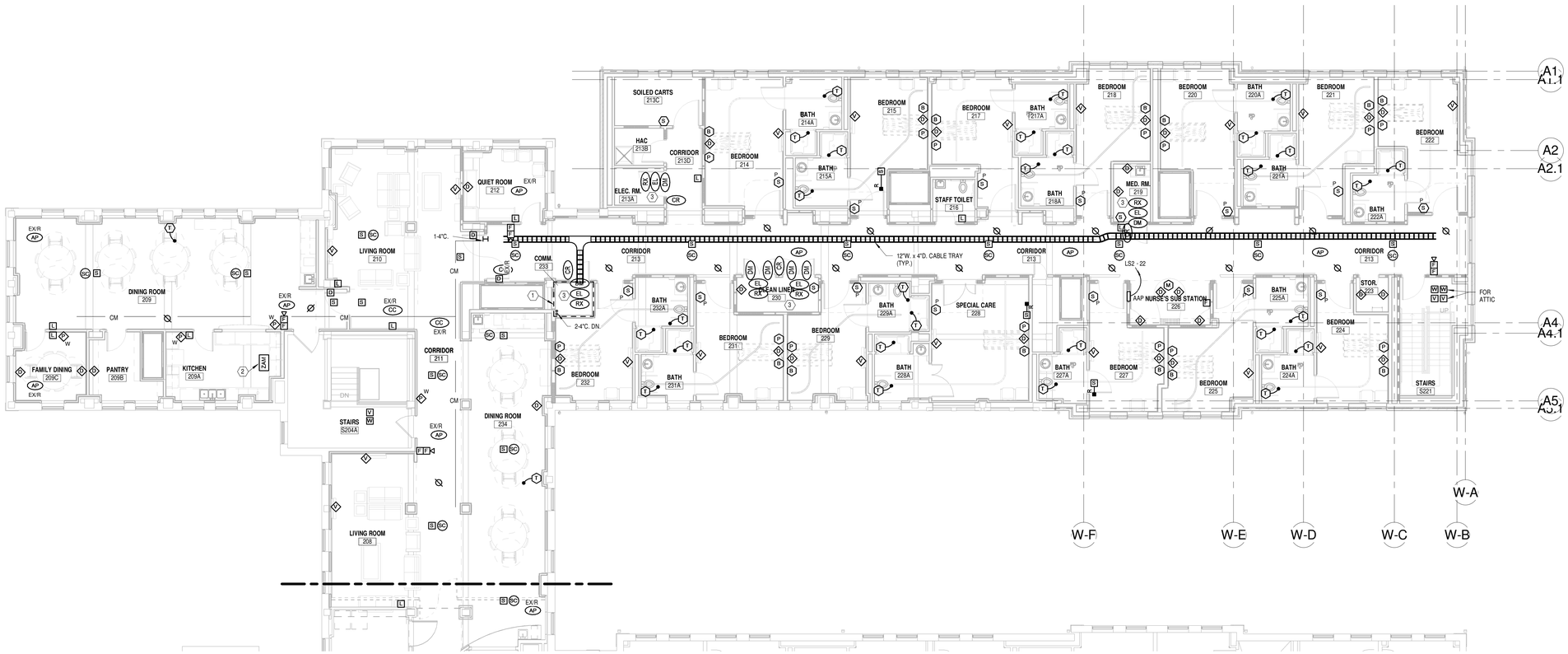
G COORDINATE ALL ELECTRIC WORK ABOVE CEILING WITH PATIENT LIFT TRACK STRUCTURE.

PLAN NOTES

1 REFER TO SHEET E11 FOR TECH ROOM DETAILS.

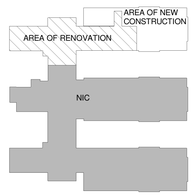
2 PROVIDE ZONE ADDRESSABLE MONITORING MODULE FOR HOOD SUPPRESSION SYSTEM.

3 PROVIDE ELECTRICAL ROUGH-IN INCLUDING CONDUITS AND COMMON JUNCTION BOX FOR FUTURE CARD READER DOOR. REFER TO DETAILS, SHEET E11.



N 1 SECOND FLOOR PLAN - SIGNALS

Scale: 1/8" = 1'-0"



KEYPLAN

Scale: N.T.S.

Revisions	Date

CONSULTANTS:

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PROJECT NO. 2010-04024 FIRM LICENSE NO. 01528

STATE OF OHIO — JOHN A. BLACK 49341 — REGISTERED PROFESSIONAL ENGINEER

ARCHITECT/ENGINEERS:

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Drawing Title: SECOND FLOOR PLAN - SIGNALS

Approved: Project Director

Project Title: RENOVATE CLC BUILDING 211 WEST

Location: Chillicothe, Ohio

Date: 09/06/2013 | Checked: LLC | Drawn: MSG

Project No. VA Project No. 538-107 JPA Project No. 11001.00

Building Number: 211

Drawing Number: 211 - E12

Dwg. 125 of 132

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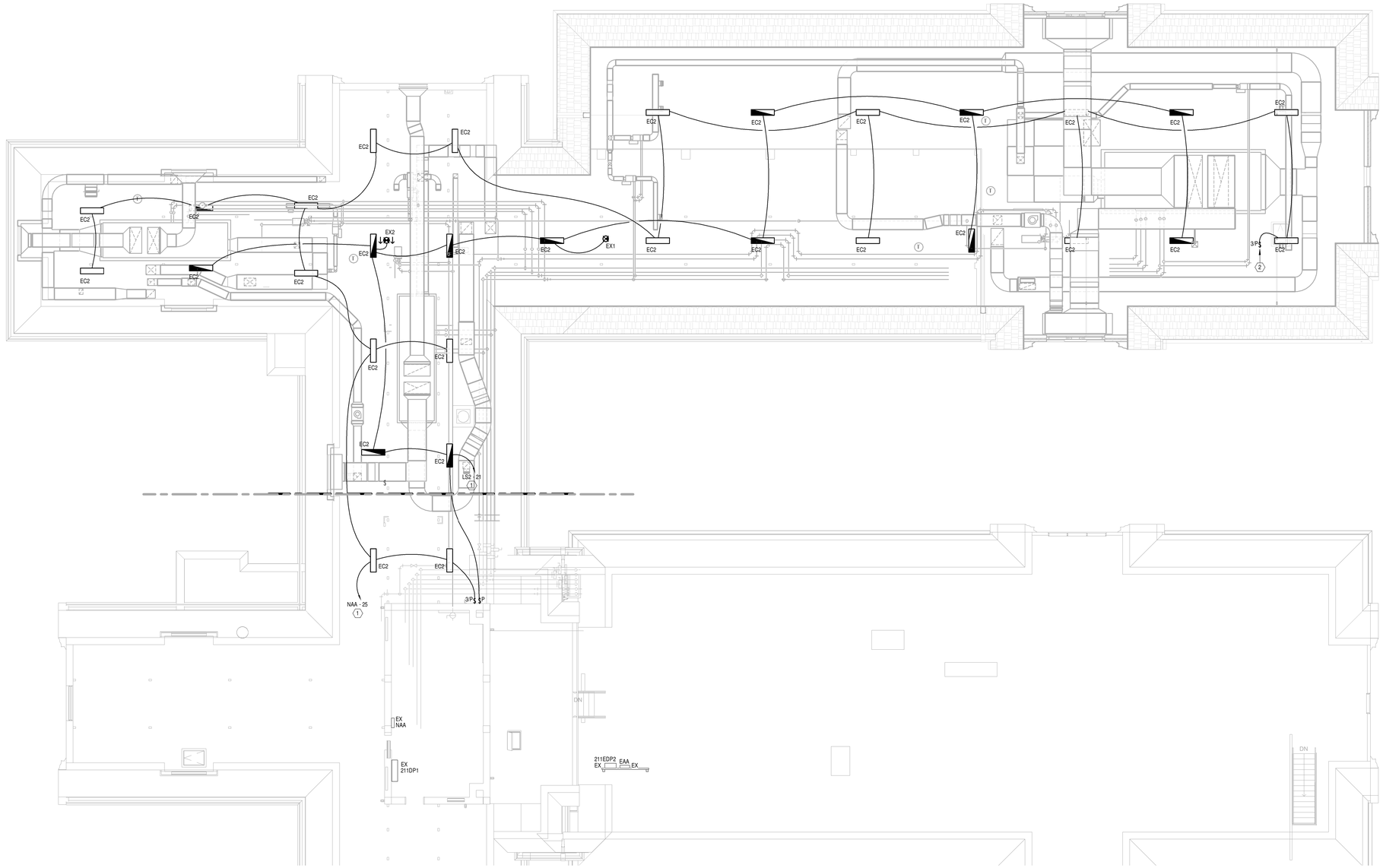


GENERAL NOTES

A (1) EACH BRANCH CIRCUIT HOMERUN SHALL HAVE NO MORE THAN THREE CIRCUITS. EACH BRANCH CIRCUIT SHALL HAVE A SEPARATE NEUTRAL AND COMMON/SHARED GREEN INSULATED EQUIPMENT GROUNDING CONDUCTOR.

B MULTI-GANG BACKBOXES FOR DIFFERENT VOLTAGES AND TYPES OF EMERGENCY AND NORMAL BRANCH WIRING DEVICES SHALL HAVE DIVIDERS BETWEEN DEVICES.

C INCLUDE ALL WORK NECESSARY TO ACCOMMODATE PHASING. REFER TO ARCHITECTURAL DRAWINGS AND GENERAL REQUIREMENTS SECTION 01 00 00.

D WHERE SWITCHES ARE SHOWN IN SPACES CONTROLLED BY OCCUPANCY SENSORS, WIRE SENSOR RELAY PACK AHEAD OF LOCAL SWITCHING.

E REFER TO ARCHITECTURAL DRAWINGS FOR RATED WALL LOCATIONS.

F REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATIONS OF DEVICES MOUNTED ABOVE OR BELOW CASEWORK, FURNITURE, LAVATORIES, ETC.

G WIRE ALL EXIT SIGNS AHEAD OF LOCAL SWITCHING.

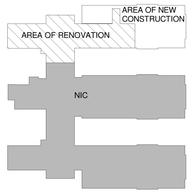
NOTES

1 UTILIZE SPARE 120V-20A/1P CIRCUIT BREAKER IN EXISTING PANEL.

2 LOCATE NEAR ATTIC HATCH.

1 ATTIC FLOOR PLAN - LIGHTING

Scale: 1/8" = 1'-0"



KEYPLAN

Scale: N.T.S.

Revisions	Date

CONSULTANTS:

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PROJECT NO. 2010-04024 FIRM LICENSE NO. 01528

STATE OF OHIO
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Drawing Title: ATTIC FLOOR PLAN - LIGHTING

Approved: Project Director

Project Title: RENOVATE CLC BUILDING 211 WEST

Location: Chillicothe, Ohio

Date: 09/06/2013 | Checked: LLC | Drawn: MSG

Project No. VA Project No. 538-107 JPA Project No. 11001.00

Building Number: 211

Drawing Number: 211 - E13

Dwg. 126 of 132

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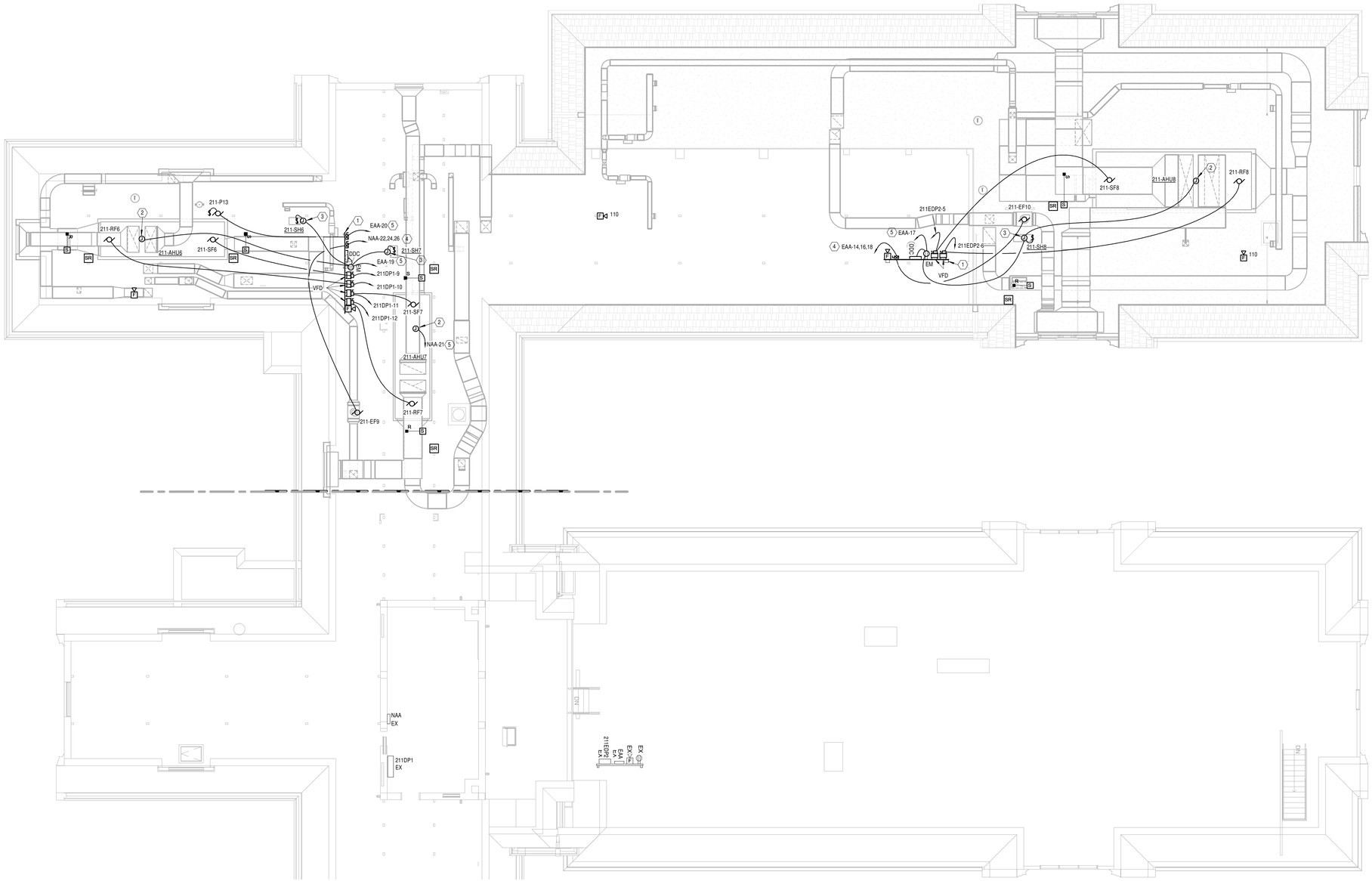


1 ATTIC FLOOR PLAN - POWER & SIGNALS

Scale: 1/8" = 1'-0"

GENERAL NOTES

A (1) EACH BRANCH CIRCUIT HOMERUN SHALL HAVE NO MORE THAN THREE CIRCUITS. EACH BRANCH CIRCUIT SHALL HAVE A SEPARATE NEUTRAL AND GREEN INSULATED EQUIPMENT GROUNDING CONDUCTOR.

B MULTI-GANG BACKBOXES FOR DIFFERENT VOLTAGES AND TYPES OF EMERGENCY AND NORMAL BRANCH WIRING DEVICES SHALL HAVE DIVIDERS BETWEEN DEVICES.

C INCLUDE ALL WORK NECESSARY TO ACCOMMODATE PHASING. REFER TO ARCHITECTURAL DRAWINGS AND GENERAL REQUIREMENTS SECTION 01 00 00.

D WHERE SWITCHES ARE SHOWN IN SPACES CONTROLLED BY OCCUPANCY SENSORS, WIRE SENSOR RELAY PACK AHEAD OF LOCAL SWITCHING.

E REFER TO ARCHITECTURAL DRAWINGS FOR RATED WALL LOCATIONS.

F REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATIONS OF DEVICES MOUNTED ABOVE OR BELOW CASEWORK, FURNITURE, LAVATORIES, ETC.

G COORDINATE ALL NEW FIRE ALARM/FIRE SUPPRESSION ZONES WITH COTR.

H LIGHTNING PROTECTION SHOWN FOR REFERENCE ONLY. SYSTEM SHALL BE DESIGNED AND INSTALLED PER NFPA 780 AND SPECIFICATIONS.

I WIRE ALL EXIT SIGNS AHEAD OF LOCAL SWITCHING.

NOTES

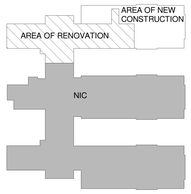
1 PROVIDE UNISTRUT FRAME AND 0.75" PLYWOOD BACKBOARD FOR EQUIPMENT.

2 PROVIDE 120V. CONNECTION TO PREWIRED LIGHTS/RECEPTACLES IN AHU.

3 PROVIDE 120V. CONNECTION TO STEAM HUMIDIFIER.

4 PROVIDE NEW 208V-20A/3P CIRCUIT BREAKER IN EXISTING PANEL.

5 UTILIZE SPARE 120V-20A/1P CIRCUIT BREAKER IN EXISTING PANEL.



KEYPLAN

Scale: N.T.S.

Revisions	Date

CONSULTANTS:

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PROJECT NO. 2010-04024 FIRM LICENSE NO. 01528

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Drawing Title: ATTIC FLOOR PLAN - POWER AND SIGNALS

Approved: Project Director

Project Title: RENOVATE CLC BUILDING 211 WEST

Location: Chillicothe, Ohio

Date: 09/06/2013 | Checked: LLC | Drawn: MSG

Project No. VA Project No. 538-107 JPA Project No. 11001.00

Building Number: 211

Drawing Number: 211 - E14

Dwg. 127 of 132

Office of Construction and Facilities Management

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9/6/2013 1:34:19 PM

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GENERAL NOTES

A INCLUDE ALL WORK NECESSARY TO ACCOMMODATE PHASING. REFER TO ARCHITECTURAL DRAWINGS AND GENERAL REQUIREMENTS SECTION 01 00 00.

B REFER TO ARCHITECTURAL DRAWINGS FOR RATED WALL LOCATIONS.

C REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATIONS OF DEVICES MOUNTED ABOVE OR BELOW CASEWORK, FURNITURE, LAVATORIES, ETC.

D LIGHTNING PROTECTION SHOWN FOR REFERENCE ONLY. SYSTEM SHALL BE DESIGNED AND INSTALLED PER NFPA 780 AND SPECIFICATIONS.

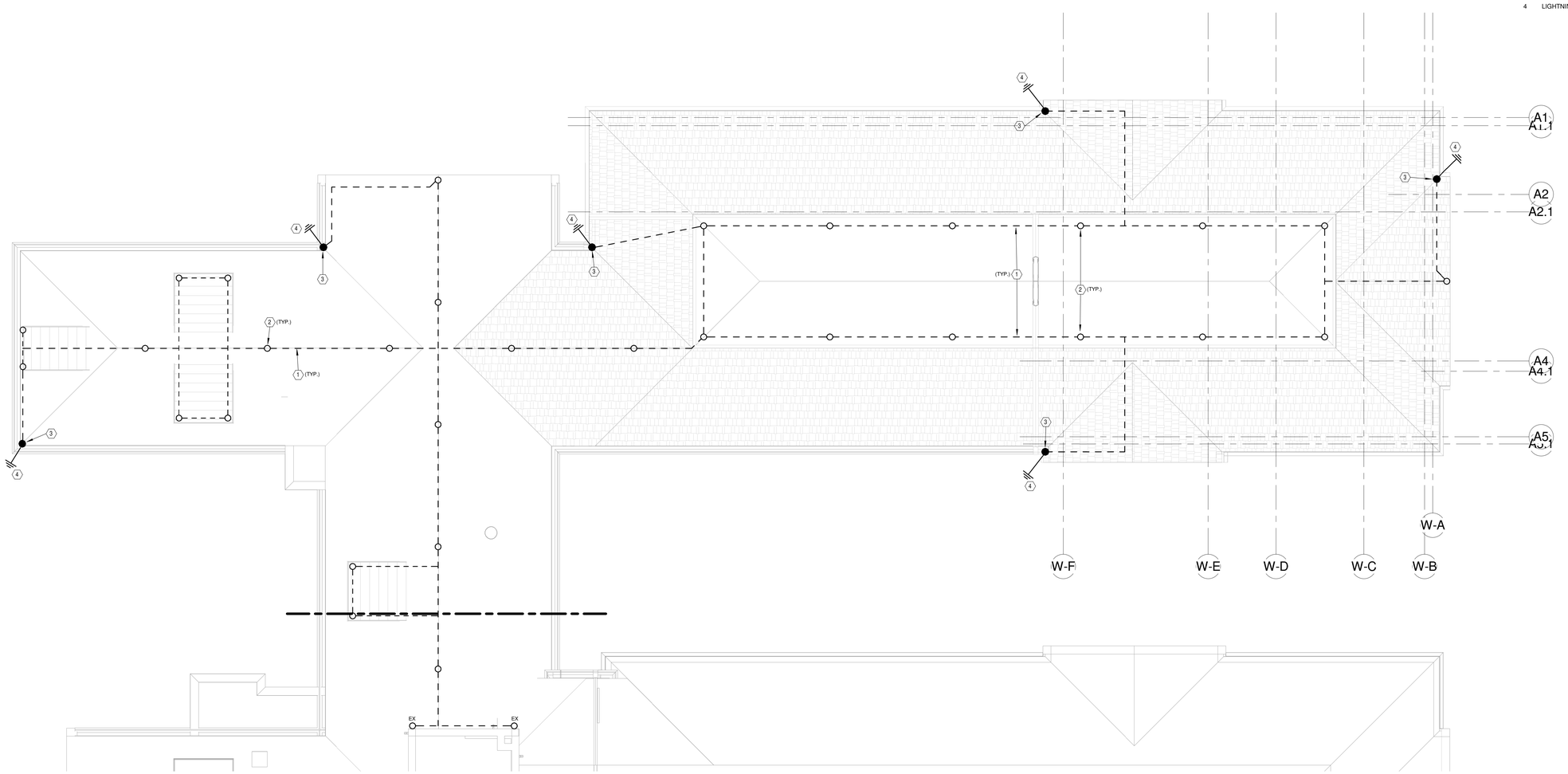
NOTES

1 LIGHTNING PROTECTION CONDUCTOR.

2 LIGHTNING PROTECTION AIR TERMINAL.

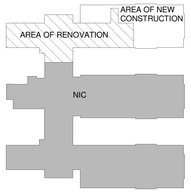
3 CONCEALED LIGHTNING PROTECTION DOWN CONDUCTOR.

4 LIGHTNING PROTECTION GROUND ROD.



N 1 ROOF PLAN - NEW WORK

Scale: 1/8" = 1'-0"



KEYPLAN

Scale: N.T.S.

Revisions	Date

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Drawing Title: ROOF PLAN - NEW WORK

Approved: Project Director

Project Title: RENOVATE CLC BUILDING 211 WEST

Location: Chillicothe, Ohio

Date: 09/06/2013 | Checked: LLC | Drawn: MSG

Project No. VA Project No. 538-107 JPA Project No. 11001.00

Building Number: 211

Drawing Number: 211 - E15

Dwg. 128 of 132

Office of Construction and Facilities Management

Department of Veterans Affairs

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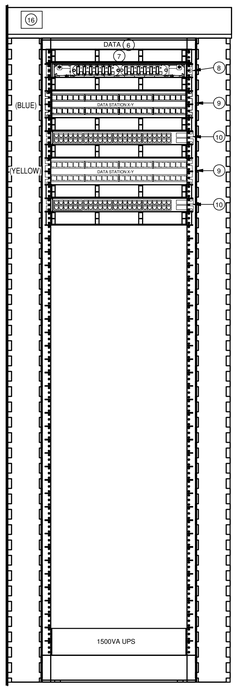
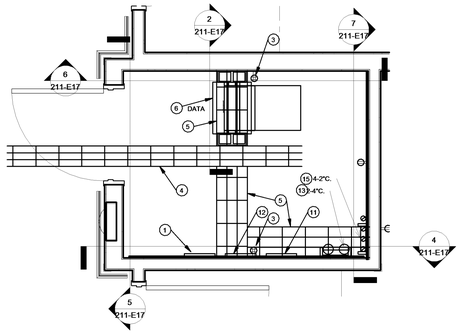


2 111B RACK ELEVATION

1 1/2" = 1'-0"

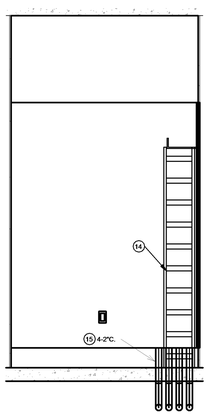


3 COMMUNICATION ROOM 111B

1/2" = 1'-0"

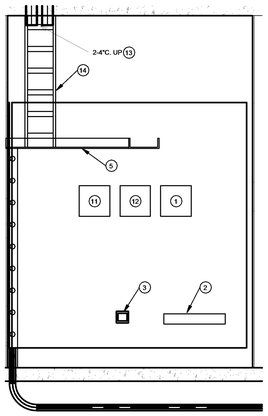
ELEVATION NOTES

1. LOCAL CATV DISTRIBUTION EQUIPMENT.
2. TELECOMMUNICATIONS GROUND BAR.
3. 20A-120V QUAD OUTLET.
4. EXTEND CORRIDOR CABLE TRAY INTO COMM ROOM. PROVIDE FIRE-STOP THROUGH CORRIDOR WALL AS REQUIRED.
5. PROVIDE 12"WX4" DEEP LADDER RACK.
6. RELAY RACK WITH VERTICAL CABLE MANAGERS.
7. HORIZONTAL WIRE MANAGER. (TYPICAL)
8. FIBER TERMINATION PANEL.
9. 48 PORT DATA UTP STATION CABLE PATCH PANEL.
10. 48 PORT LAYER 2 POE EDGE SWITCH.
11. VOICE BACKBONE TERMINATION WALL FIELD.
12. VOICE STATION CABLE TERMINATION WALL FIELD.
13. CONDUIT SLEEVES UP THROUGH FLOOR ABOVE.
14. 12" WIDE, VERTICAL WALL MOUNTED LADDER RACK
15. 4-2" CONDUITS FOR VOICE/FIBER/COAX SERVICE FROM BASEMENT IMTC.
16 NETBOTZ 355 IP CAMERA.



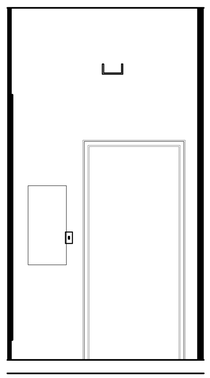
7 111B W WALL ELEVATION

1/2" = 1'-0"



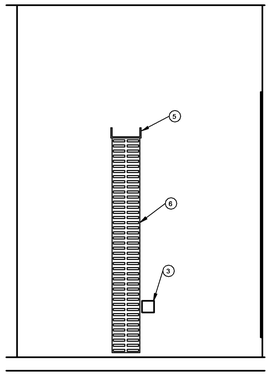
4 111B N WALL ELEVATION

1/2" = 1'-0"



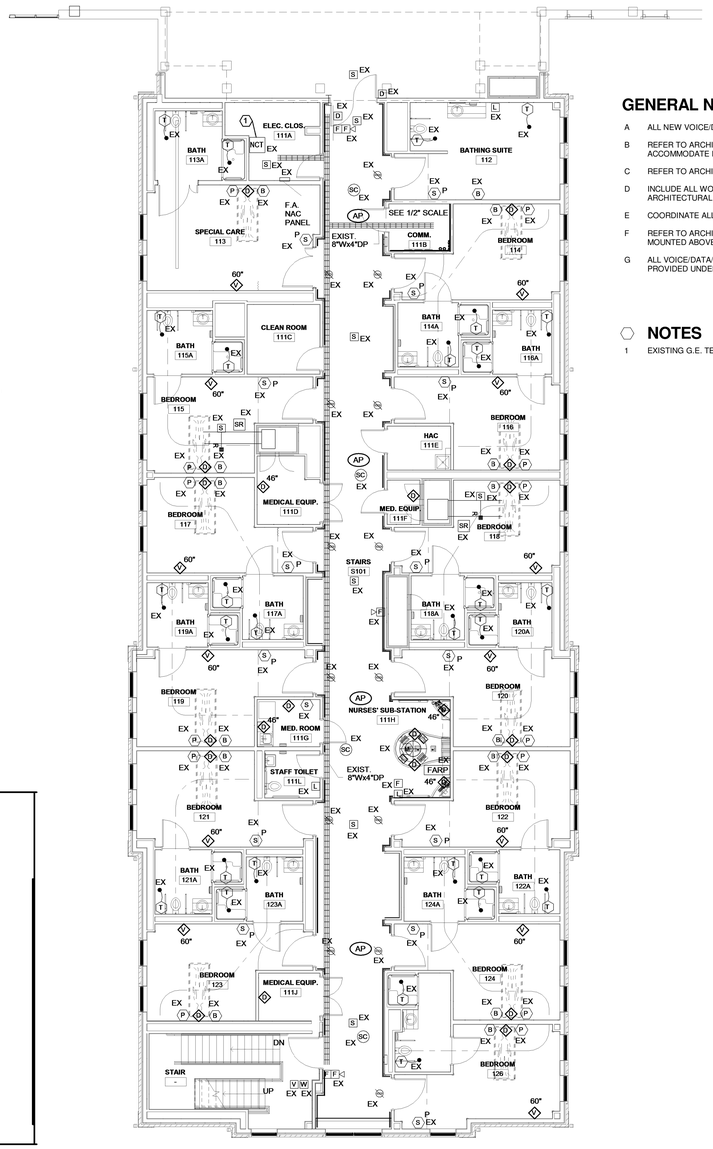
5 111B E WALL ELEVATION

1/2" = 1'-0"



6 111B S WALL ELEVATION

1/2" = 1'-0"



1 FIRST FLOOR PLAN - SIGNALS

Scale: 1/8" = 1'-0"

GENERAL NOTES

A ALL NEW VOICE/DATA TO BE CABLED TO COMM 111B THIS SHEET.

B REFER TO ARCHITECTURAL PHASING PLAN AND INCLUDE ALL WORK NECESSARY TO ACCOMMODATE PHASING.

C REFER TO ARCHITECTURAL DRAWINGS FOR RATED WALL LOCATIONS.

D INCLUDE ALL WORK NECESSARY TO ACCOMMODATE PHASING. REFER TO ARCHITECTURAL DRAWINGS AND GENERAL REQUIREMENTS SECTION 01 00 00.

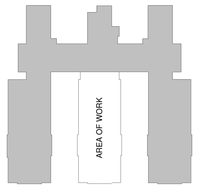
E COORDINATE ALL NEW FIRE ALARM/FIRE SUPPRESSION ZONES WITH COTR.

F REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATIONS OF DEVICES MOUNTED ABOVE OR BELOW CASEWORK, FURNITURE, LAVATORIES, ETC.

G ALL VOICE/DATA/NURSE CALL DEVICES (THIS SHEET) BACKBOXES AND CONDUIT PROVIDED UNDER PREVIOUS PROJECT UNLESS NOTED OTHERWISE.

NOTES

1 EXISTING G.E. TELLIGENCE NURSE CALL HEAD END CABINET.



KEYPLAN

Scale: N.T.S.

Revisions	Date

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PROJECT NO. 2010-04024 FIRM LICENSE NO. 01528

STATE OF OHIO JOHN A. BLACK 49341 REGISTERED PROFESSIONAL ENGINEER

ARCHITECT/ENGINEERS:

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Drawing Title: CENTER WING FIRST FLOOR PLAN - SIGNALS

Approved: Project Director

Project Title: RENOVATE CLC BUILDING 211 WEST

Location: Chillicothe, Ohio

Date: 09/06/2013 | Checked: LLC | Drawn: MSG

Project No. VA Project No. 538-107 JPA Project No. 11001.00

Building Number: 211

Drawing Number: 211 - E16

Dwg. 129 of 132

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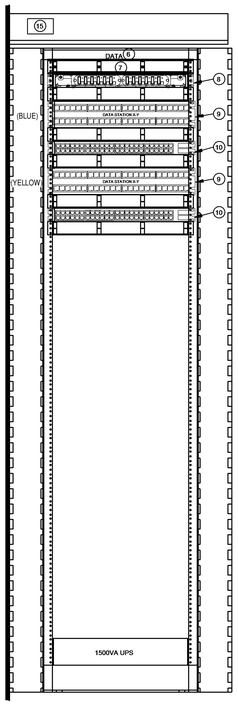
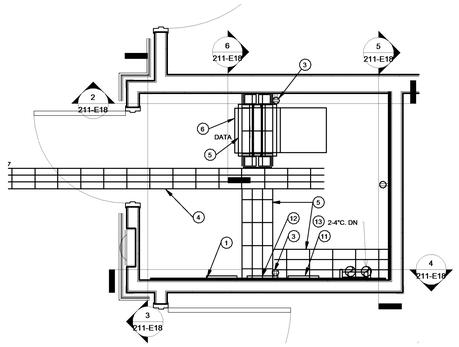


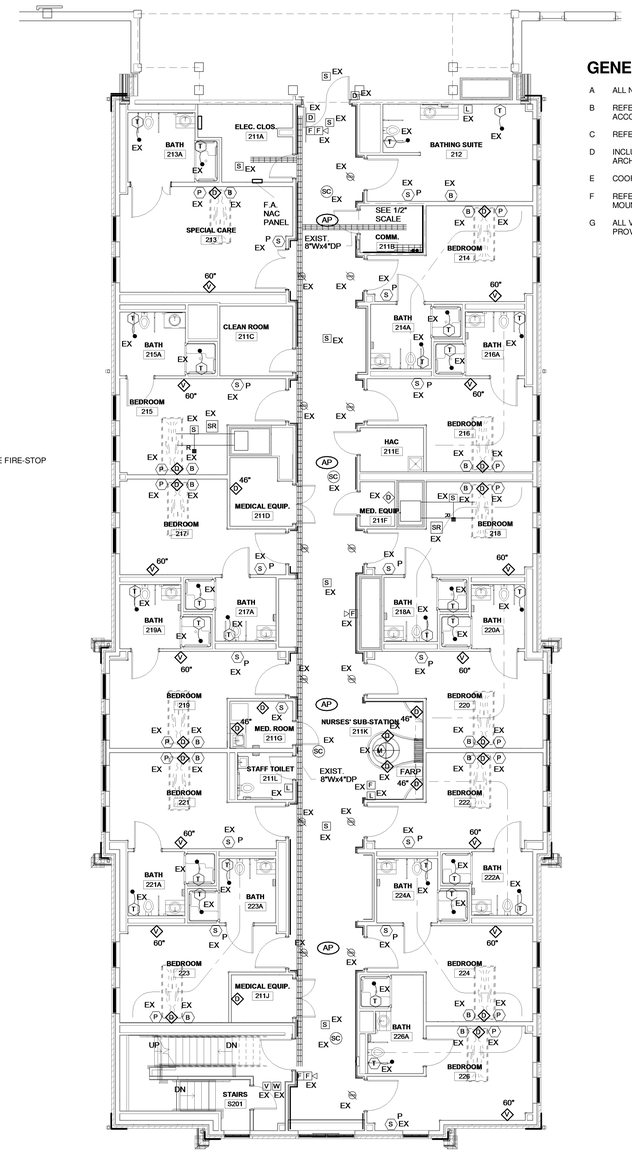
6 **211B RACK ELEVATION**
1 1/2" = 1'-0"



7 **COMMUNICATION ROOM 211B**
1/2" = 1'-0"

ELEVATION NOTES

1. LOCAL CATV DISTRIBUTION EQUIPMENT.
2. TELECOMMUNICATIONS GROUND BAR.
3. 20A-120V QUAD OUTLET.
4. EXTEND CORRIDOR CABLE TRAY INTO COMM ROOM. PROVIDE FIRE-STOP THROUGH CORRIDOR WALL AS REQUIRED.
5. PROVIDE 12"WX4" DEEP LADDER RACK.
6. RELAY RACK WITH VERTICAL CABLE MANAGERS.
7. HORIZONTAL WIRE MANAGER. (TYPICAL)
8. FIBER TERMINATION PANEL.
9. 48 PORT DATA UTP STATION CABLE PATCH PANEL.
10. 48 PORT LAYER 2 POE EDGE SWITCH.
11. VOICE BACKBONE TERMINATION WALL FIELD.
12. VOICE STATION CABLE TERMINATION WALL FIELD.
13. CONDUIT SLEEVE THROUGH FLOOR.
14. 12"W VERTICAL WALL MOUNTED LADDER RACK.
15. NETBOTX 355 IP CAMERA.



1 **SECOND FLOOR PLAN - SIGNALS**
Scale: 1/8" = 1'-0"

GENERAL NOTES

A ALL NEW VOICE/DATA TO BE CABLED TO COMM 211B THIS SHEET.

B REFER TO ARCHITECTURAL PHASING PLAN AND INCLUDE ALL WORK NECESSARY TO ACCOMMODATE PHASING.

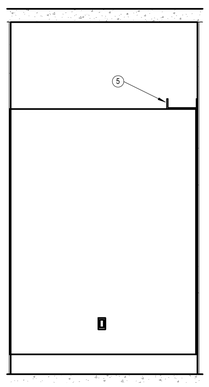
C REFER TO ARCHITECTURAL DRAWINGS FOR RATED WALL LOCATIONS.

D INCLUDE ALL WORK NECESSARY TO ACCOMMODATE PHASING. REFER TO ARCHITECTURAL DRAWINGS AND GENERAL REQUIREMENTS SECTION 01 00 00.

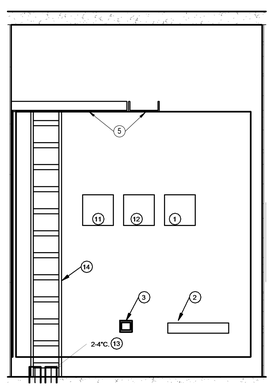
E COORDINATE ALL NEW FIRE ALARM/FIRE SUPPRESSION ZONES WITH COTR.

F REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATIONS OF DEVICES MOUNTED ABOVE OR BELOW CASEWORK, FURNITURE, LAVATORIES, ETC.

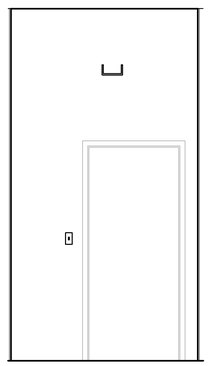
G ALL VOICE/DATA/NURSE CALL DEVICES (THIS SHEET) BACKBOXES AND CONDUIT PROVIDED UNDER PREVIOUS PROJECT UNLESS NOTED OTHERWISE.



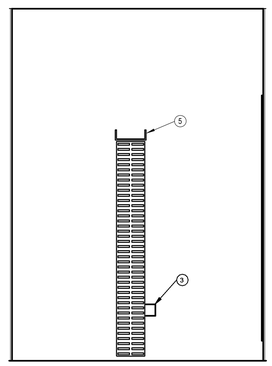
5 **211B W WALL ELEVATION**
1/2" = 1'-0"



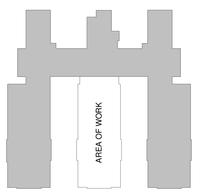
4 **211B N WALL ELEVATION**
1/2" = 1'-0"



3 **211B E WALL ELEVATION**
1/2" = 1'-0"



2 **211B S WALL ELEVATION**
1/2" = 1'-0"



KEYPLAN
Scale: N.T.S.

Revisions	Date

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Drawing Title: CENTER WING SECOND FLOOR PLAN - SIGNALS

Approved: Project Director

Project Title: RENOVATE CLC BUILDING 211 WEST

Location: Chillicothe, Ohio

Date: 09/06/2013 | Checked: LLC | Drawn: MSG

Project No. VA Project No. 53B-107 JPA Project No. 11001.00

Building Number: 211

Drawing Number: 211 - E17

Dwg. 130 of 132

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Department of Veterans Affairs

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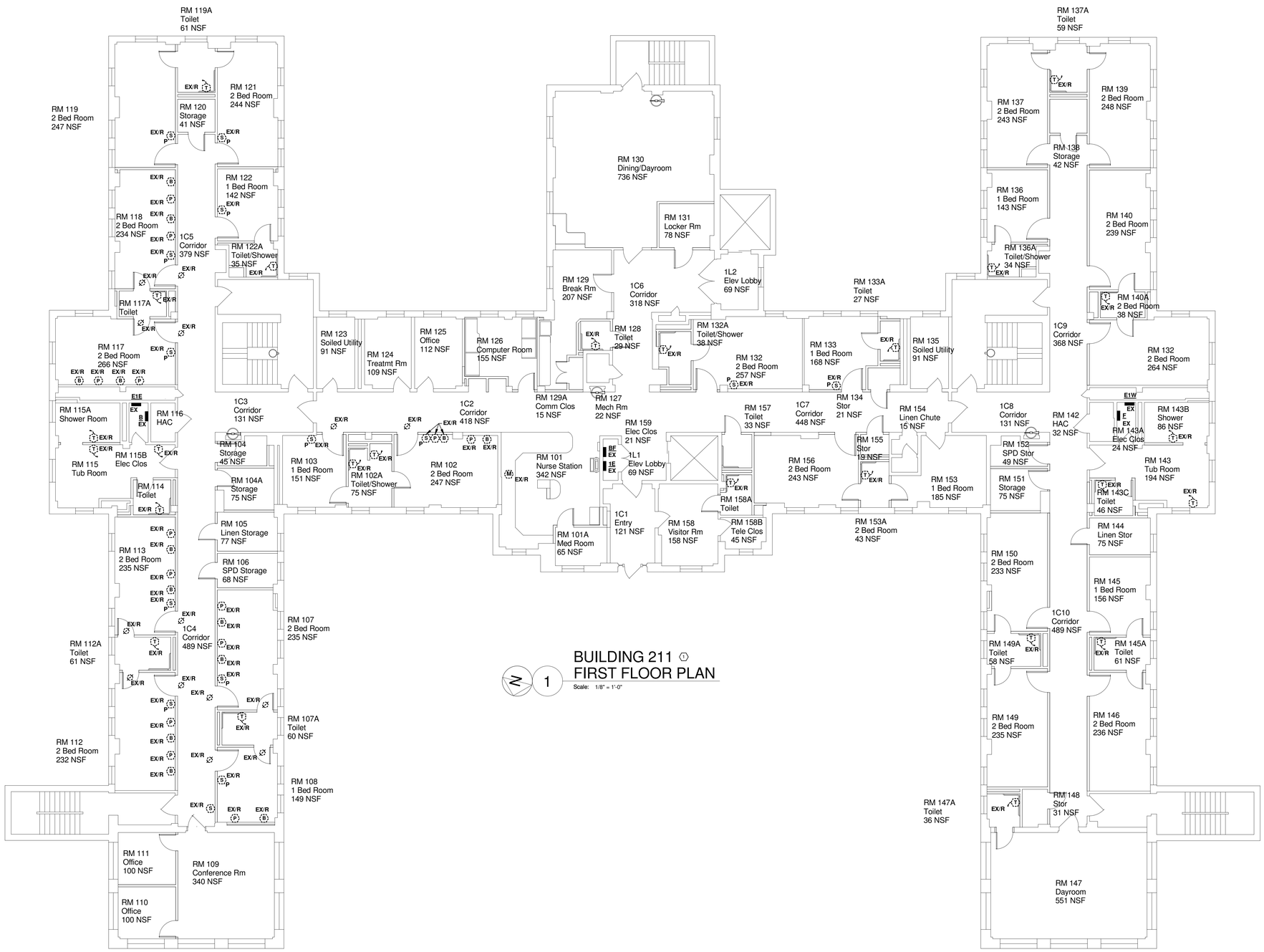

BUILDING 211 ①
FIRST FLOOR PLAN
Scale: 1/8" = 1'-0"

GENERAL NOTES

A. (1) EACH BRANCH CIRCUIT HOMERUN SHALL HAVE NO MORE THAN THREE CIRCUIT. EACH BRANCH CIRCUIT SHALL HAVE A SEPARATE NEUTRAL AND GREEN INSULATED EQUIPMENT GROUNDING CONDUCTOR.
B. MULTI-GANG BACKBOXES FOR DIFFERENT VOLTAGES AND TYPES OF EMERGENCY AND NORMAL BRANCH WIRING DEVICES SHALL HAVE DIVIDERS BETWEEN DEVICES.
C. INCLUDE ALL WORK NECESSARY TO ACCOMMODATE PHASING. REFER TO ARCHITECTURAL DRAWINGS AND GENERAL REQUIREMENTS SECTION 01 00 00.
D. REFER TO ARCHITECTURAL DRAWINGS FOR RATED WALL LOCATIONS.
E. COORDINATE ALL NEW FIRE ALARM/FIRE SUPPRESSION ZONES WITH COTR.

NOTES

1. EXISTING BUILDING PLAN ONLY. REFER TO NEW WORK PLANS FOR NEW ADDITION.

Revisions	Date

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Drawing Title: OVERALL FIRST FLOOR PLAN

Approved: Project Director

Project Title: RENOVATE CLC BUILDING 211 WEST

Location: Chillicothe, Ohio

Date: 09/06/2013 | Checked: LLC | Drawn: MSG

Project No. VA Project No. 538-107 JPA Project No. 11001.00

Building Number: 211

Drawing Number: 211 - E18

Dwg. 131 of 132

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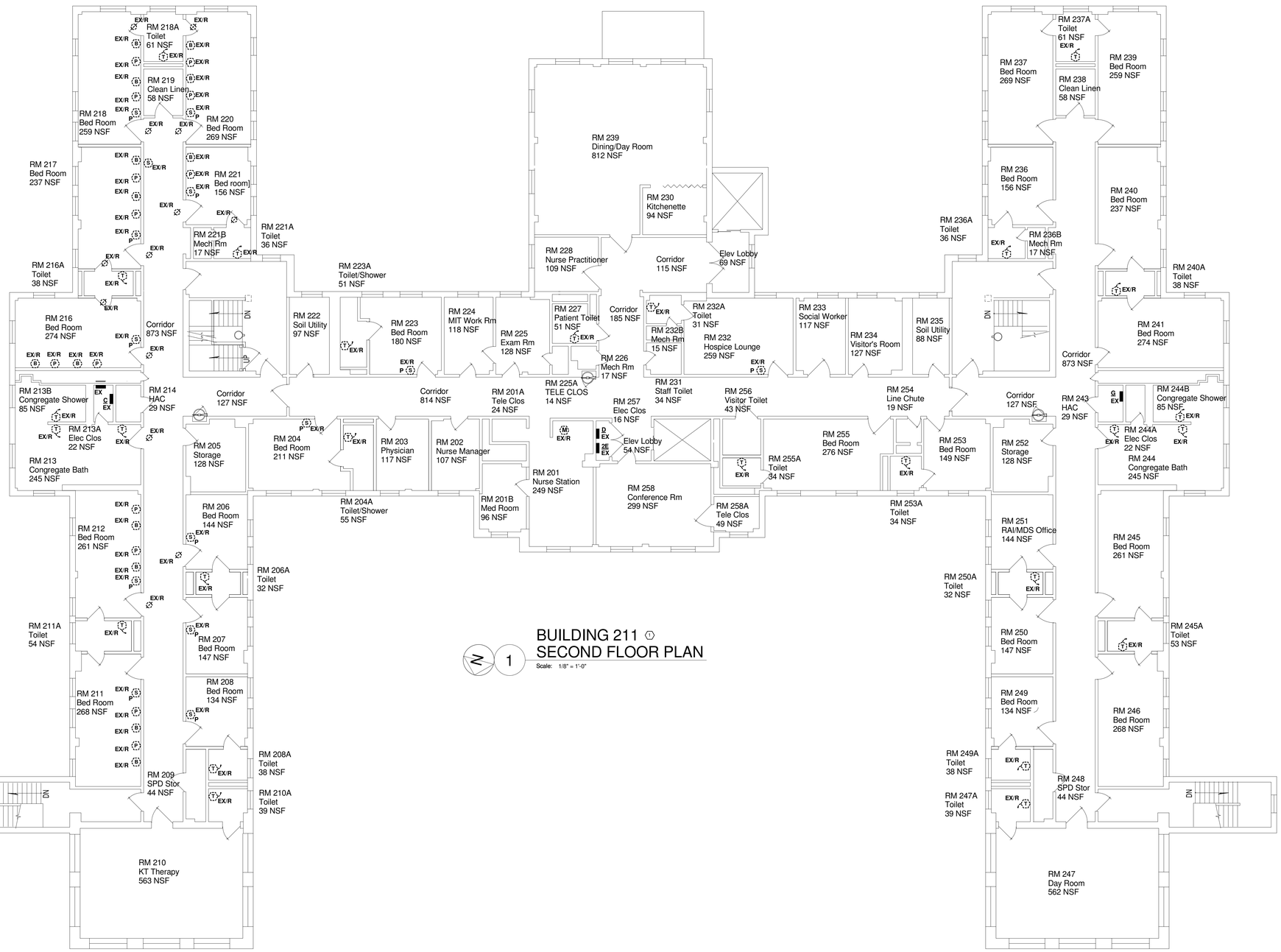

BUILDING 211 ①
SECOND FLOOR PLAN
Scale: 1/8" = 1'-0"

GENERAL NOTES

A. (1) EACH BRANCH CIRCUIT HOMERUN SHALL HAVE NO MORE THAN THREE CIRCUIT. EACH BRANCH CIRCUIT SHALL HAVE A SEPARATE NEUTRAL AND GREEN INSULATED EQUIPMENT GROUNDING CONDUCTOR.
B. MULTI-GANG BACKBOXES FOR DIFFERENT VOLTAGES AND TYPES OF EMERGENCY AND NORMAL BRANCH WIRING DEVICES SHALL HAVE DIVIDERS BETWEEN DEVICES.
C. INCLUDE ALL WORK NECESSARY TO ACCOMMODATE PHASING. REFER TO ARCHITECTURAL DRAWINGS AND GENERAL REQUIREMENTS SECTION 01 00 00.
D. REFER TO ARCHITECTURAL DRAWINGS FOR RATED WALL LOCATIONS.
E. COORDINATE ALL NEW FIRE ALARM/FIRE SUPPRESSION ZONES WITH COTR.

NOTES

1. EXISTING BUILDING PLAN ONLY. REFER TO NEW WORK PLANS FOR NEW ADDITION.

Revisions	Date

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Drawing Title: OVERALL SECOND FLOOR PLAN

Approved: Project Director

Project Title: RENOVATE CLC BUILDING 211 WEST

Location: Chillicothe, Ohio

Date: 09/06/2013 | Checked: LLC | Drawn: MSG

Project No. VA Project No. 538-107 JPA Project No. 11001.00

Building Number: 211

Drawing Number: 211 - E19

Dwg. 132 of 132

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