Reconstruction to:
Ⓑ Boynton Middle School
Ⓒ DeWitt Middle School

61-06-00-01-0-026-020
61-06-00-01-0-027-018

Ithaca City School District
Ithaca, NY

Drawing List

Boynton Middle School

GENERAL
G001 Title Sheet
G100 Symbols and Abbreviations

HAZARDOUS MATERIALS
BH100 First and Second Floor Abatement Plans

CIVIL
BC100 Site Demolition Plan
BC120 Site Layout Plan
BC140 Site Utility Plan

ARCHITECTURAL
BA050 Key Plans and Code Compliance Review
BA400 Enlarged Plans and Details

ELECTRICAL
BE050 Key Plan
BE100 First Floor Demolition Plan - Area A
BE101 First Floor Demolition Plan - Area B
BE102 First Floor Demolition Plan - Area C
BE103 Second Floor Demolition Plan - Area A
BE104 Roof Demolition Plans - Areas A & B
BE160 First Floor Power Plan - Area A
BE161 First Floor Power Plan - Area B
BE162 First Floor Power Plan - Area C
BE163 Second Floor Power Plan - Area A
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BE500 Details
BE501 Details
BE600 Schedules
BE601 Panel Schedules
BE602 Panel Schedules
BE603 Panel Schedules
BE604 Panel Schedules
BE605 Panel Schedules
BE700 Riser Diagrams

DeWitt Middle School

HAZARDOUS MATERIALS
CH100 First Floor Abatement Plan

CIVIL
CC100 Site Demolition Plan
CC120 Site Layout Plan
CC140 Site Utility Plan

ARCHITECTURAL
CA050 Key Plans and Code Compliance Review
CA400 Enlarged Plans

ELECTRICAL
CE050 Key Plan
CE100 Basement Demolition Plan - Area A
CE101 Basement Demolition Plan - Area C
CE102 First Floor Demolition Plan - Area A
CE103 First Floor Demolition Plan - Area B
CE104 Roof Demolition Plans - Areas A & B
CE160 Basement Power Plan - Area A
CE161 Basement Power Plan - Area C
CE162 First Floor Power Plan - Area A
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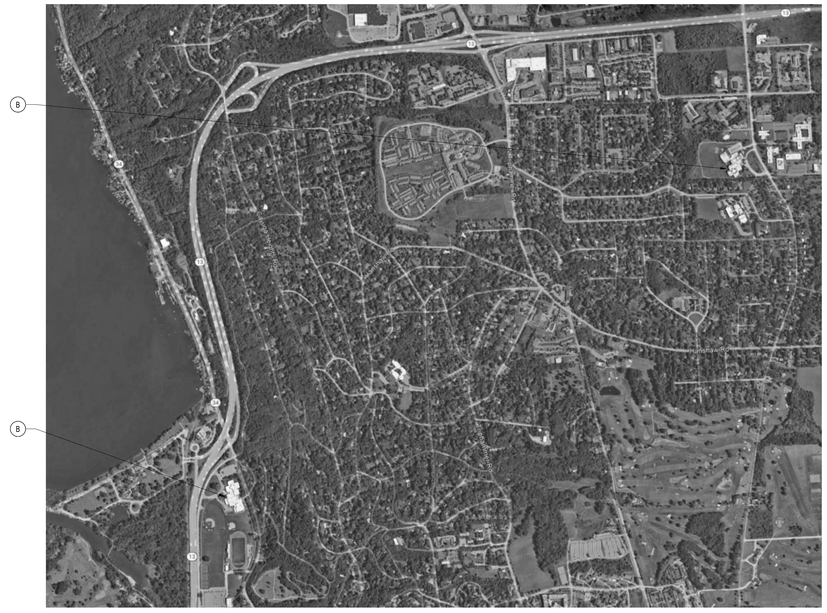
CE164 Roof Power Plans - Areas A & B
CE600 Schedules
CE601 Panel Schedules
CE602 Panel Schedules
CE603 Panel Schedules
CE604 Panel Schedules
CE605 Panel Schedules
CE700 Riser Diagrams

Common Details

COMMON
ZC500 Site Details



Project Location Map

N

ASBESTOS AWARENESS

1. CMU/BLOCK WALL PAINT AT BOYNTON MS AND DEWITT MS IS ASBESTOS AND LEAD CONTAINING AND IS PRESENT THROUGHOUT THE BUILDING. ASBESTOS PAINT IS LIMITED TO CMU WALLS, AND NOT GYP BOARD WALLS.
2. ALL WORK WHICH WOULD DISTURB CMU WALL PAINT SHALL BE PERFORMED AS AN ASBESTOS ABATEMENT PROJECT. REFER TO HAZARDOUS MATERIAL SERIES DRAWINGS. DISTURBANCE INCLUDES, BUT IS NOT LIMITED TO DETACHMENT OF EXISTING ITEMS FROM THE WALL, ATTACHMENT OF NEW ITEMS TO THE WALL, AND MODIFICATION OF THE WALL/OPENING.
3. ADDITIONAL ASBESTOS AND LEAD CONTAINING ITEMS ARE INDICATED ELSEWHERE WITHIN THE FACILITIES. REFER TO ON-SITE ASBESTOS DOCUMENTATION FOR FURTHER INFORMATION.
4. CMU WALLS WITH ACM/LEAD PAINT HAVE BEEN OBSERVED SUCH THAT THEY DO NOT TYPICALLY EXTEND TO DECK ABOVE. FURTHER, IN AREAS WHERE CMU WALL EXTENDS ABOVE CEILING OR UP TO DECK, ACM PAINT TYPICALLY TERMINATES 4" ABOVE FINISHED CEILING HEIGHT. CONTRACTOR SHALL CHOOSE ROUTING OF WIRING, ETC SUCH THAT ACM WALL PAINT IS NOT DISTURBED. CONTRACTOR RESPONSIBLE TO VERIFY IN FIELD SPECIFIC WALL CONDITIONS IN AREAS OF PROPOSED DISTURBANCE.
5. AT CMU WALLS IN THE MEZZANINES/PENTHOUSES, ACM PAINT IS NOT PRESENT. CMU PAINT IN THE BOILER ROOM IS NON-ACM.
6. ADDITIONALLY, ASBESTOS CONTAINING PIPE FITTING INSULATION MAY EXIST WITHIN WALLS/CHASES AND/OR CEILINGS. WHEN PERFORMING PANEL AND/OR WIRING REPLACEMENT, CONTRACTOR SHALL TAKE CARE NOT TO DISTURB ACM PIPE FITTING INSULATION.

Drawn By:	Date:	Drawing Number:
TTAE	07/11//2025	AA130
Project No.:		
214159-25001		

BUILDING DESIGNATOR
DISCIPLINE DESIGNATOR
SHEET TYPE DESIGNATOR
SHEET SEQUENCE DESIGNATOR

TETRA TECH
ARCHITECTS & ENGINEERS
Architecture Engineering Planning for High Performance Facilities

Tetra Tech Engineers, Architects & Landscape Architects, P.C.

Volume 1 of 1

BID SET

214159-25001
07/11//2025

Set No.

Drawing Number:
G001

Site Symbols

- + 83.36 — SPOT ELEVATION
- 99.50 TC / 99.00 BC — TOP OF CURB ELEVATION / BOTTOM OF CURB ELEVATION
- + 83.36 — EXISTING SPOT ELEVATION
- 136 — CONTOUR
- 136 — EXISTING CONTOUR
- TB-1 — SOIL TEST BORING
- TP-1 — TEST PIT LOCATION
- TREE OR SHRUB
- TREE OR SHRUB TO REMAIN
- TREE OR SHRUB TO BE REMOVED
- ASPHALT PAVING OR TOP COURSE
- HEAVY-DUTY ASPHALT PAVING
- REMOVE AND REPLACE ASPHALT PAVING
- CONCRETE PAVING
- CONCRETE SECTION
- CURBING
- CURBING TO REMAIN
- CURBING TO BE REMOVED
- FENCING
- FENCING TO REMAIN
- FENCING TO BE REMOVED
- SILT FENCING
- TEMPORARY CONSTRUCTION FENCING
- HAY BALES
- TEMPORARY TREE PROTECTION
- UTILITY POLE
- UTILITY POLE TO REMAIN
- UTILITY POLE TO BE REMOVED
- NEW OR RELOCATED FIRE HYDRANT
- FIRE HYDRANT TO REMAIN
- DROP INLET
- CATCH BASIN
- STORM/SANITARY MANHOLE
- DROP INLET TO REMAIN
- MANHOLE/CATCH BASIN/DRYWELL TO REMAIN
- DRYWELL W/ GRATE
- DRYWELL W/ SOLID COVER TO GRADE
- DRYWELL W/ COVER BURIED
- ST — STORM LINE WITH HEADWALL
- ST — STORM LINE WITH ENDWALL
- ST — STORM LINE WITH END SECTION
- ST — STORM PIPE
- ST — STORM PIPE TO REMAIN
- ST — STORM PIPE TO BE REMOVED/ABANDONED
- UD — UNDERDRAIN
- UD — UNDERDRAIN TO REMAIN
- UD — UNDERDRAIN TO BE REMOVED/ABANDONED
- SAN — SANITARY LINE
- SAN — SANITARY LINE TO REMAIN
- SAN — SANITARY LINE TO BE REMOVED/ABANDONED
- G — GAS LINE
- G — GAS LINE TO REMAIN
- G — GAS LINE TO BE REMOVED/ABANDONED
- W — WATER LINE
- W — WATER LINE TO REMAIN
- W — WATER LINE TO BE REMOVED/ABANDONED
- CO — STORM/SANITARY CLEANOUT
- GATE VALVE
- SIGN POST
- UNIVERSAL HANDICAP SYMBOL
- REMOVAL
- RIP-RAP

Architectural Symbols

- EXISTING TO REMAIN
- DEMOLITION WORK
- NEW WORK IN EXISTING (MATERIAL INDICATION VARIES)
- NEW WORK (MATERIAL INDICATION VARIES)
- CMU AND BRICK CAVITY WALL
- CMU WALL
- GYPSUM BOARD PARTITION W/ METAL STUD WALL
- OPERABLE PARTITION
- 100 / 1 — DOOR NUMBER (ROOM NO W/ DOOR NO)
- A — WINDOW TYPE
- 126 — RELOCATED EQUIPMENT FURNITURE OR CASEWORK NUMBER
- P3.8 — PARTITION TYPE
- MGM — BOARD UNIT SYMBOL
- FINISH CHANGE

ROOF SYMBOLS

- AREA OF TAPERED INSULATION
- EXISTING ROOF DRAIN WITH RETROFIT ROOF DRAIN INSERT IN NEW FACTORY-TAPERED SUMP
- EJ/CONTROL JOINT
- TAPERED 1/4"/FT — DIRECTION OF DOWNWARD SLOPE AND DEGREE OF SLOPE OF TAPERED INSULATION (MINIMUM 1/8"/FT, TYP UNO)
- OR — DIRECTION OF DOWNWARD SLOPE OF TAPERED INSULATION CRICKET (MINIMUM 1/4"/FT, TYP UNO)
- SLOPE STRU — DIRECTION OF DOWNWARD SLOPE OF ROLLED OR SLOPED STRUCTURE
- "X" — TOTAL THICKNESS OF INSULATION
- "X" FLAT — TOTAL THICKNESS OF AREA OF FLAT INSULATION
- RS-X — DESIGNATES ROOF SYSTEM TYPE
- WALKWAY PAD
- S-X — SKYLIGHT (REINSTALLED OR REPLACED)
- SMOKE VENT OR ROOF HATCH
- OR — PIPE PENETRATION
- OR — ROOFTOP HOOD ON CURB, TYP
- ROOFTOP EQUIPMENT ON CURB, TYP (SHAPE AND SIZE VARY)

REFLECTED CEILING SYMBOLS

- A 0'-0" — BOTTOM OF CEILING AFF
- CEILING MATERIAL
- CEILING HUNG UNIT VENTILATOR OR CEILING HUNG FAN COIL UNIT
- CEILING RETURN/EXHAUST GRILLE
- CEILING SUPPLY DIFFUSER/GRILLE
- EXIT LIGHT
- 2 X 4 FIXTURE IN 2 X 2 PATTERN

Structural Symbols

- INDICATES AREA IS EXISTING
- INDICATES SLAB IS DEPRESSED OR RECESSED
- [-4'-0] [-3'-0] <-1'-8"> — TOP OF FTG ELEVATION FROM DATUM / CONTINUOUS FTG / FOUNDATION WALL / BM POCKET ELEVATION FROM DATUM / STEPPED FOOTING
- P1 (-8) — INDICATES PIER TYPE / TOP OF PIER ELEVATION FROM DATUM
- F4 [-3'-0] — TOP OF FOOTING ELEVATION FROM DATUM / INDICATES FOOTING TYPE REFER TO FOOTING SCHEDULE
- RD — INDICATES A FRAMED ROOF OR FLOOR OPNG COORD SIZE AND LOCATION / INDICATES FRAMED OPNG IS FOR: RD = ROOF DRAIN ME = MECH EQUIP SL = SKYLIGHT SH = SMOKE HATCH AH = ACCESS HATCH
- (-6) 21K W8X15 0.7 [14] (GIR) 21K — ELEVATION FROM DRAWING DATUM / BEAM SIZE / NUMBER OF SHEAR STUDS OVER FULL LENGTH OF BEAM / INDICATES TOP OF BEAM AT ADJ GIRDER ELEV / END REACTION- KIPS / DEFLECTION (INCHES) APPROX W/ WET CONC
- L-2 — LINTEL DESIGNATION SEE SCHEDULE / INDICATES LINTEL CONNECTION TO COLUMN
- INDICATES MEMBER IS EXISTING
- INDICATES BEAM SPLICE
- INDICATES MOMENT CONNECTION
- OVER COLUMN
- INDICATES SHEAR WALL CONNECTION TO BEAM
- INDICATES BM TO HAVE TOP OF WALL CLIPS
- 12K3 — JOIST DESIGNATION / INDICATES BEAM FRAMES HORIZONTAL BRIDGING
- JOIST
- DIAGONAL BRIDGING
- MASONRY LOAD BEARING WALL
- SHEAR WALL SEE SCHEDULE
- CFMF BEARING WALL
- FIREWALL
- SW1 — WALL TYPE

Mechanical Symbols

- TAG NO. / VALUE — EQUIPMENT TAG (NON-MOTORIZED) / CFM, GPM, CAPACITY
- TAG NO. / VALUE — EQUIPMENT TAG (MOTORIZED)
- TAG NO. / NECK SZ / CFM — REGISTER, GRILLE, DIFFUSER
- FTR-TYPE / ENC. FT-IN / ELEM. FT-IN / GPM — FIN TUBE RADIATION / ENCLOSURE NOTED AS: W/W: WALL TO WALL, W/U: WALL TO UNIT, W/D: WALL TO DOOR, ETC...
- SUPPLY DUCT
- RETURN DUCT
- EXHAUST DUCT - NEGATIVE PRESSURE
- 8x8 — DUCTWORK, FIRST VALUE IS SIZE OF SIDE IN VIEW
- DUCT TRANSITION
- DUCT OFFSET
- RECTANGULAR ELBOW W/TURNING VANES
- RECTANGULAR ELBOW
- ROUND DUCTWORK W/ MITERED ELBOW
- RADIUS ELBOW W/ TURNING/SPLITTER VANES
- RADIUS ELBOW
- STANDARD BRANCH DUCT W/VOLUME DAMPER
- ACOUSTICALLY LINED DUCTWORK
- ACOUSTICALLY LINED DUCTWORK (UP/DOWN)
- FLEXIBLE DUCT
- VOLUME DAMPER
- FD — FIRE DAMPER
- SD — SMOKE DAMPER
- FSD — FIRE AND SMOKE DAMPER
- AAD — AUTOMATIC AIR DAMPER
- BDD — BACKDRAFT DAMPER
- EXISTING DUCTWORK
- STATIC PRESSURE CLASS
- FREE AIR FLOW
- DUCT AIR FLOW
- EXISTING MECHANICAL EQUIPMENT TO BE REMOVED
- EXISTING MECHANICAL EQUIPMENT
- MECHANICAL EQUIPMENT
- ACCESS CLEARANCE

- ATV — ATMOSPHERIC VENT
- BBD — BOILER BLOW DOWN
- CWS — CHILLED WATER SUPPLY
- CWR — CHILLED WATER RETURN
- CGS — CHILLED GLYCOL SUPPLY
- CGR — CHILLED GLYCOL RETURN
- CD — CONDENSATE DRAIN
- C — CONDENSER WATER SUPPLY
- CR — CONDENSER WATER RETURN
- GS — GLYCOL SUPPLY
- GR — GLYCOL RETURN
- HGS — HOT GLYCOL SUPPLY
- HGR — HOT GLYCOL RETURN
- HPWS — HEAT PUMP SUPPLY
- HPWR — HEAT PUMP RETURN
- HWS — HOT WATER SUPPLY
- HWR — HOT WATER RETURN
- HCS — HOT/CHILLED WATER SUPPLY
- HCR — HOT/CHILLED WATER RETURN
- LPS — LOW PRESSURE STEAM
- LPC — LOW PRESSURE CONDENSATE
- LPWC — LOW PRESSURE STEAM WET (FLOODED) CONDENSATE
- MU — MECHANICAL EQUIPMENT MAKE-UP COLD WATER(NON-POTABLE)
- RS — REFRIGERANT SUCTION
- RL — REFRIGERANT LIQUID
- HG — REFRIGERANT HOT GAS
- PD — PUMP DISCHARGE
- REMOVE EXG. DUCT, PIPING, EQUIPMENT
- EXG — EXISTING HVAC PIPE
- BOTTOM PIPE CONNECTION
- TOP PIPE CONNECTION
- PIPE ELBOW DOWN
- PIPE ELBOW UP
- PIPE DOWN WITH CLEANOUT AT BASE
- PIPE DOWN WITH SHUTOFF VALVE
- CAP OR PLUG
- UNION CONNECTION
- FLANGE CONNECTION
- PIPING REDUCER (CONCENTRIC)
- PIPING REDUCER (ECCENTRIC)
- PIPE ANCHOR
- PIPE GUIDE
- EXPANSION COMPENSATOR
- EXPANSION JOINT
- FLEX CONNECTOR
- TEMPERATURE OR PRESSURE PROBE WELL
- THERMOMETER
- P — PRESSURE SWITCH
- P — PRESSURE GAUGE
- TP — TEMPERATURE/ PRESSURE GAUGE
- V — MANUAL AIR VENT
- AV — AUTOMATIC AIR VENT
- SV — STEAM VENT
- VB — VACUUM BREAKER
- F — FLOW SWITCH
- FM — FLOW METER
- ORIFICE METER
- VENTURI FLOW METER
- WYE STRAINER
- WYE STRAINER WITH BLOW DOWN VALVE
- DIRECTION OF FLOW
- PIPE BREAK
- M — WATER METER

- FOS — FUEL OIL SUPPLY
- FOT — FLAT ON TOP
- FP — FIREPROOF (ING)
- FPM — FEET PER MINUTE
- FR — FRAME, FLOOR REGISTER
- FRA — FRESH AIR
- FRC — FIRE RESISTANT COATING
- FRP — FIBERGLASS REINFORCED PANEL
- FRT — FIRE RETARDANT
- FS — FLOOR SINK
- FSD — FIRE AND SMOKE DAMPER
- FT — FEET, FLOOR TREATMENT
- FTG — FOOTING
- FTR — FIN TUBE RADIATION
- FV — FLUSH VALVE
- G — GAS, GLYCOL
- GA — GAUGE
- GAL — GALLON
- GALV — GALVANIZED
- GASK — GASKET (ED)
- GC — GREENROOF CONTRACT (OR)
- GCMU — GLAZED CONCRETE MASONRY UNIT
- GCO — GRADE CLEANOUT GF GROUND FACE
- GL — GLASS, GLAZING
- GND — GROUND
- GPM — GALLONS PER MINUTE
- GR — GRADE (ING), GLYCOL RETURN
- GS — GLYCOL SUPPLY
- GVEL — GRAVEL
- GWB — GYPSUM WALL BOARD
- GYP — GYPSUM
- H — HEIGHT
- HB — HOSE BIB
- HBD — HARD BOARD
- HC — HEATING CONTRACT (OR), HANDICAP
- HCR — HOT/CHILLED RETURN
- HCS — HOT/CHILLED SUPPLY
- HD — HEAVY DUTY
- HDPE — HIGH DENSITY POLYETHYLENE
- HDR — HEADER
- HDW — HARDWARE
- HG — HOT GLYCOL
- HIP — HIGH IMPACT PANEL
- HM — HOLLOW METAL
- HORZ — HORIZONTAL
- HP — HORSEPOWER, HIGH PRESSURE, HEAT PUMP
- HPC — HIGH PERFORMANCE COATING
- HPL — HIGH PRESSURE LAMINATE
- HPR — HEAT PUMP LOOP WATER RETURN
- HPS — HEAT PUMP LOOP WATER SUPPLY
- HR — HANDRAIL, HOUR
- HT — HEIGHT
- HTG — HEATING
- HV — HIGH VOLTAGE
- HVAC — HEATING/VENTILATING/AIR CONDITIONING
- HVU — HEATING AND VENTILATING UNIT
- HW — HOT WATER
- HWH — HOT WATER HEATER
- HWP — HOT WATER PUMP
- HWR — HOT WATER RETURN
- HWS — HOT WATER SUPPLY
- I — I
- ID — INSIDE DIAMETER
- IE — INVERT ELEVATION
- IN — INCHES
- INCL — INCLUDE (D) (ING)
- INS — INSULATE (D) (ION)
- INT — INTERIOR
- INV — INVERT
- IP — IRON PIPE
- IPS — IRON PIPE SIZE
- IW — INDIRECT WASTE
- J — J
- JAN — JANITORS CLOSET
- JB — JUNCTION BOX
- JC — JANITORS CLOSET
- JCT — JUNCTION
- JT — JOINT
- K — KILOVOLT
- KVA — KILOVOLT AMPERE
- KW — KILOWATT
- KWH — KILOWATT PER HOUR
- L — LENGTH, LONG
- LAB — LABORATORY
- LAD — LADDER
- LAM — LAMINATE (D)
- LAT — LEAVING AIR TEMPERATURE
- LAV — LAVATORY
- LB — POUND
- LBL — LABEL
- LBP — LEAD BASED PAINT
- LC — LANDSCAPE CONTRACTOR (SITE)
- CCD — LEAD COATED COPPER
- LDR — LEADER
- LEV — LEVEL
- LF — LINEAR FOOT
- LFMC — LIQUID-TIGHT FLEXIBLE METAL CONDUIT
- LFNC — LIQUID-TIGHT FLEXIBLE NONMETALLIC CONDUIT
- LG — LENGTH, LONG
- LGI — LARGE GROUP INSTRUCTION
- LH — LEFT HAND
- LIN — LINEAR
- LKR — LOCKER
- LL — LIVE LOAD
- LP — LOW PRESSURE
- LPC — LOW PRESSURE CONDENSATE
- NEG — NEGATIVE
- NEUT — NEUTRALIZATION
- NG — NATURAL GAS
- NIC — NOT IN CONTRACT
- NO — NUMBER, NORMALLY OPEN
- NOM — NOMINAL
- NRC — NOISE REDUCTION COEFFICIENT
- NTS — NOT TO SCALE
- O — O
- OA — OVERALL, OUTSIDE AIR
- OC — ON CENTER
- OD — OUTSIDE DIAMETER
- OH — OVERHEAD
- OPNG — OPENING
- OPP — OPPOSITE
- OPP HD — OPPOSITE HAND
- P — P
- P — PAINT SURFACE(S) INCLUDING SOFFITS
- PAR — PARALLEL
- PART — PARTITION
- PC — PLUMBING CONTRACT (OR), PIGMENTED CONCRETE
- PCC — PRECAST CONCRETE
- PE — PORCELAIN ENAMEL
- PENC — PRE-EXISTING NON-CONFORMING
- PERF — PERFORATE (ION) (ED)
- PERI — PERIMETER
- PERP — PERPENDICULAR
- MIR — MIRROR
- MISC — MISCELLANEOUS
- MO — MASONRY OPENING
- MOD — MODULE (OR), MODEL
- MP — MULTICOLOR WALL COATING
- MR — MOP RECEPTOR
- MT — MOUNT
- MTD — MOUNTED
- MTG — MOUNTING
- MTH — MARBLE THRESHOLD
- MTL — METAL
- MTR — METER
- MULL — MULLION
- MVEJ — MASONRY EXPANSION JOINT
- N — N
- NOR — NORTH
- NAT — NATURAL
- NC — NORMALLY CLOSED
- NEC — NATIONAL ELECTRIC CODE
- NS — NEW SOFFIT
- NTS — NEW TOP SURFACE
- NW — NEW WALL
- O — O
- OS — OVERSIZE
- OSB — ORIENTED STRAND BOARD
- OSC — OFFSET CUT
- OSD — OVERSIZE DIAMETER
- OSL — OVERSIZE LOAD
- OSP — OVERSIZE PLATE
- OSW — OVERSIZE WASHER
- OW — OVERWIDTH
- P — P
- PAR — PARALLEL
- PB — PANIC BAR
- PC — PRECAST CONCRETE
- PCF — POUNDS PER CUBIC FOOT
- PCP — PRECAST CONCRETE PLANK
- PERF — PERFORATED
- PERI — PERIMETER
- PERP — PERPENDICULAR
- PL — PLATE
- PLAM — PLASTIC LAMINATE
- PLAS — PLASTER
- PLF — POUNDS PER LINEAR FOOT
- PLYWD — PLYWOOD
- PM — PLUGMOLD
- PNL — PANEL
- POC — POINT OF CURVATURE, POINT OF CONNECTION
- POL — POLISHED
- POS — POSITIVE
- POT — POINT OF TANGENCY
- PR — PAIR
- PRE — POWER ROOF EXHAUSTER
- PREP — PREPARE (ATION)
- PRF — PREFORMED
- PROJ — PROJECT
- PS — PAINT EXPOSED STRUCTURE/DECK
- PSF — POUNDS PER SQUARE FOOT
- PSI — POUNDS PER SQUARE INCH
- PT — POINT, PORCELAIN TILE
- PTD — PAINTED
- PTFR — PRESSURE TREATED FIRE RETARDANT
- PTP — PRESSURE TREATED PRESERVATIVE
- PVC — POLYVINYL CHLORIDE
- PVMT — PAVEMENT
- PWE — POWER WALL EXHAUSTER
- Q — Q
- QF — QUARTZ FLOORING
- QT — QUARRY TILE
- R — R
- R — RADIUS, RETURN, REFRIGERANT
- RA — RETURN AIR
- RAD — RADIATION
- RAF — RETURN AIR FAN, RESILIENT ATHLETIC FLOORING
- RB — RESILIENT BASE
- RC — ROOFING CONTRACT (OR)
- RCA — RECYCLED CONCRETE AGGREGATE
- RCP — REINFORCED CONCRETE PIPE, REFLECTED CEILING PLAN
- RCU — REMOTE CONDENSING UNIT
- RD — ROOF DRAIN
- RECEP — RECEPTACLE
- REF — REFERENCE
- REFL — REFLECT (ED) (IVE) (OR)
- REFR — REFRIGERATOR
- REG — REGISTER
- REINF — REINFORCE (D) (ING)
- REM — REMOVED
- REQD — REQUIRED
- RESIL — RESILIENT
- RET — RETAINING, RETURN
- REV — REVISION, REVISED, REVEAL
- RF — RUBBER FLOORING
- RFG — ROOFING
- RFH — ROOF HATCH
- RFM — RECESSED FLOOR MAT
- RG — RETURN GRILLE
- RGS — RIGID GALVANIZED STEEL
- RH — RIGHT HAND
- RHC — RHEAT COIL
- RI — ROUGH-IN
- RL — RAIN LEADER, REFRIGERANT LIQUID
- RLG — RAILING)
- RM — ROOM
- RMC — RIGID METAL CONDUIT
- RNMC — RIGID NONMETALLIC CONDUIT
- RNT — RUNNING TRAP
- RO — ROUGH OPENING
- ROW — RIGHT OF WAY
- RPM — REVOLUTIONS PER MINUTE
- RR — REMOVE EXISTING AND REPLACE WITH NEW
- RS — RUBBER STAIR TREAD/RISER, REINFORCED SUCTION
- RTD — ROOF TOP HOOD
- RTU — ROOF TOP UNIT
- RW — RAW WATER
- S — S
- S — SOUTH, SUPPLY, SURGE PROTECTED
- SA — SUPPLY AIR
- SAN — SANITARY
- SAS — SMOOTH ALL SIDES
- SC — SOLID CORE, SILL COCK, SEALED CONCRETE
- SCHED — SCHEDULE
- SCT — STRUCTURAL CLAY TILE
- SD — STORM DRAIN, SPLITTER DAMPER, SMOKE DAMPER
- SEC — SECTION
- SF — SQUARE FEET
- SGI — SMALL GROUP INSTRUCTION
- SGT — STRUCTURAL GLAZED TILE
- SH — SHELF, SHELVING, SMOKE HATCH
- SHR — SHOWER, SHEAR WALL
- SHT — SHEET
- SHTHG — SHEATHING
- SIM — SIMILAR
- SK — SINK
- SL — SOUND LINED, SKYLIGHT
- SLC — SILLCOCK
- SLV — SLEEVE
- SLVR — STORM LOUVER
- SMH — SANITARY MANHOLE
- SOG — SLAB ON GRADE
- SP — STATIC PRESSURE, STANDPIPE, SPACE (ING) (ES)
- SPEC — SPECIFICATION (S)
- SPKR — SPRINKLER
- SPL — SPECIAL
- SQ — SQUARE
- SS — STAINLESS STEEL
- SST — STRUCTURAL STEEL TUBING
- ST — STORM, STORAGE
- STA — STATION
- STC — SHOWER TEMPERATURE CONTROLLER, STAINED CONCRETE
- STD — STANDARD
- STG — SEATING
- STL — STEEL
- STN — STAIN (ED)
- STOR — STORAGE
- STRU — STRUCTURAL
- SURF — SURFACE
- SUSP — SUSP'SUSPENDED
- SV — SHEET VINYL, STEAM VENT
- SVN — SWITCH, SOFTENED WATER
- SWSC — SERVICE WEIGHT CAST IRON
- SYM — SYMMETRICAL
- SYN — SYNTHETIC
- SYS — SYSTEM
- T — T
- T — T
- TB — TREAD, TOP, TOILET ROOM, TONS, TERRAZZO
- TOP AND BOTTOM, TACK BOARD, TERRAZZO BASE
- TBD — TO BE DETERMINED
- TC — TEMPERATURE CONTROL, TEMPERED GLEAR, TELECOMMUNICATION CONTRACTOR, TOP OF CURB
- TCX — TOP CHORD EXTENTION
- TDV — TRIPLE DUTY VALVE
- TEL — TELEPHONE
- TEMP — TEMPERATURE
- TG — TOP GRILLE, TONGUE AND GROOVE
- THK — THICKNESS
- THR — THRESHOLD
- TME — TO MATCH EXISTING
- TMV — THERMOSTATIC MIXING VALVE
- TOD — TOP OF DUCT
- TOF — TOP OF FASCIA, TOP OF FOOTING
- TOL — TOLERANCE
- TOM — TOP OF MASONRY
- TOP — TOP OF PIPE, TOP OF PIER
- TOS — TOP OF STEEL, TOP OF STAIR
- TPART — TOILET PARTITION
- TR — TOP REGISTER
- TRN — TRANSOM
- TS — TOP OF STAIR
- TV — TELEVISION
- TW — TEMPERED WATER, TOP OF WALL
- TYP — TYPICAL
- U — U
- UC — UNDERCUT
- UD — UNDERDRAIN
- UE — UNDERGROUND ELECTRIC
- UG — UNDERGROUND
- UH — UNIT HEATER
- UNF — UNFINISHED
- UNIF — UNIFORM
- UNO — UNLESS NOTED OTHERWISE
- UR — URINAL
- UT — UNDERGROUND TELEPHONE
- V — V
- V — VENT, VOLT
- VAR — VARIES, VARIABLE
- VARN — VARNISH
- VAT — VINYL ASBESTOS TILE
- VAV — VARIABLE AIR VOLUME
- VB — VACUUM BREAKER, VAPOR RETARDER BARRIER, VOLLEYBALL
- VCB — VENTED COVE BASE
- VCT — VINYL COMPOSITE TILE
- VD — VOLUME DAMPER
- VERM — VERMICULITE
- VERT — VERTICAL
- VEST — VESTIBULE
- VIF — VERIFY IN FIELD
- VIN — VINYL
- VIT — VITREOUS TILE
- VNR — VENEER
- VOL — VOLUME
- VTR — VENT THROUGH ROOF
- VWC — VINYL WALL COVERING
- W — W
- W — WEST, WIDTH, WIDE, WASTE, WATT
- W/ — WITH
- W/O — WITHOUT
- WB — WET BULB
- WC — WATER CLOSET, WALL COVERING
- WD — WOOD, WOOD FLOORING
- WDW — WINDOW
- WDWC — WINDOW CONTRACTOR
- WF — WASH FOUNTAIN
- WG — WALL GRILLE, WATER GAUGE
- WH — WALL HUNG, WALL HYDRANT
- WHA — WATER HAMMER ARRESTOR
- WI — WEIGHT IRON
- WM — WIREMOLD
- WP — WATER PROOFING, WORKING POINT
- WR — WATER REPELLENT, WIDE RIB, WALL REGISTER
- WS — WATER STOP
- WSCT — WAINSCOT
- WT — WEIGHT
- WWHP — WATER TO WATER HEAT PUMP
- WWR — WELDED WIRE REINFORCEMENT
- X — X
- XHCI — EXTRA HEAVY CAST IRON
- Y — Y
- YD — YARD DRAIN, YARD

Electrical and Technology Symbols

- # — LUMINAIRE* # DENOTES TYPE
- # — EMERGENCY LUMINAIRE* # DENOTES TYPE
- # — LUMINAIRE* # DENOTES TYPE
- # — EMERGENCY LUMINAIRE* # DENOTES TYPE
- # — COMBINATION EXIT/EMERGENCY LUMINAIRE* # DENOTES TYPE
- # — EMERGENCY LUMINAIRE* W/BATTERY PACK # DENOTES TYPE
- # — EXIT LIGHT*-CEILING MOUNTED # DENOTES TYPE
- # — EXIT LIGHT* -WALL MOUNTED # DENOTES TYPE
- * ALL LUMINAIRE SYMBOLS NOT SHOWN, REFER TO LUMINAIRE SCHEDULE
- DLS — DAYLIGHT SENSOR
- AR # — AREA OF RESCUE LIGHT FIXTURE # DENOTES TYPE
- # — POLE MOUNTED SITE LIGHT # DENOTES TYPE
- LIGHT SWITCH (LINE VOLTAGE): K - KEY OPERATED; 3 - 3 WAY; 4 - 4 WAY
- LOW VOLTAGE CONTROL
- TC — TIME CLOCK
- OS — OCCUPANCY SENSOR
- VS — VACANCY SENSOR
- PC — PHOTO CELL
- LT — LIGHTING TOUCHSCREEN CONTROL
- CM — CARBON MONOXIDE DETECTOR
- F — FIRE ALARM MANUAL PULL STATION
- F F — FIRE ALARM BELL: W/STROBE W/O STROBE
- F F — FIRE ALARM HORN- W/STROBE W/O STROBE
- S — SMOKE DETECTOR
- B — BEAM SMOKE DETECTOR
- S D — DUCT SMOKE DETECTOR
- H — RATE OF RISE HEAT DETECTOR
- H F — FIXED HEAT DETECTOR
- S — FIRE ALARM STROBE LIGHT
- DH — MAGNETIC DOOR HOLDER
- A — FIRE ALARM / VOICE NOTIFICATION SPEAKER (WALL)
- A — FIRE ALARM / VOICE NOTIFICATION SPEAKER (CEILING)
- A — FIRE ALARM / VOICE NOTIFICATION SPEAKER STROBE (CEILING)
- A — FIRE ALARM / VOICE NOTIFICATION SPEAKER STROBE (WALL)
- A — FIRE ALARM / VOICE NOTIFICATION SPEAKER STROBE (WALL)
- R — RELAY
- RTS — REMOTE INDICATOR TEST SWITCH
- FS — SPRINKLER FLOW SWITCH
- TS — SPRINKLER TAMPER SWITCH
- FAA — FIRE ALARM ANNUNCIATOR PANEL
- FACP — FIRE ALARM CONTROL PANEL
- FAGA — FIRE ALARM GRAPHIC ANNUNCIATOR
- CS — CONTROL STATION- TYPE AS DESCRIBED ON DWGS.
- HOL — HOUSE LIGHTING CONTROL STATION
- DDR — DIMMER CONTROL OUTLET
- AR — AREA OF RESCUE STATION
- MJ — MICROPHONE JACK
- SJ — SPEAKER JACK
- P — HOUSE LIGHT PANIC STATION
- AI — AUDITORIUM INTERCOM
- S — COMBINATION CLOCK/SPEAKER
- CLOCK
- EXISTING TELEPHONE
- TELEPHONE OUTLET
- W - WALL MOUNT AT 54" AFF; IC - INTERCOM SOUND SYSTEM HAND SET BLANK - WALL MOUNT AT 16" AFF; FLOOR TELEPHONE OUTLET
- INTERCOM CALL SWITCH
- TV — TELEVISION OUTLET
- CO — COMPUTER OUTLET
- AV — AUDIO/VIDEO OUTLET
- PROJECTOR MOUNTING TILE
- CABLE TRAY - LADDER TYPE
- CABLE TRAY - BASKET TYPE
- SR — SURFACE RACEWAY TYPE AS DESCRIBED ON DWGS.
- CI — COMMUNICATION INTERFACE OUTLET
- S — CEILING MOUNT SPEAKER
- S — WALL MOUNT SPEAKER
- VC — VOLUME CONTROL
- H — HORN SPEAKER
- P — PROGRAM BELL
- FB — FLOOR BOX
- DR — DOOR RELEASE
- SE — SECURITY ALARM HORN
- SE — SECURITY SENSOR: GB - GLASS BREAK; MD - MOTION DETECTOR; SD - SOUND DETECTOR
- DC — SECURITY DOOR CONTACT
- KP # — SECURITY SYSTEM KEYPAD # DENOTES DESIGNATION
- # — SECURITY CAMERA # DENOTES DESIGNATION
- REX — SECURITY REQUEST TO EXIT SENSOR
- PS # — LOW-VOLTAGE POWER SUPPLY # DENOTES DESIGNATION
- ELH — SECURITY ELECTRIC LOCKING HARDWARE
- IC # — DOOR INTERCOM CALL STATION # DENOTES DESIGNATION
- CR # — ACCESS CONTROL CARD READER # DENOTES DESIGNATION
- ADA — ADA PUSH BUTTON
- MON — SECURITY CCTV MONITOR
- DB — SECURITY DURESS BUTTON
- EXISTING PANEL TO REMAIN
- EXISTING PANEL TO REPLACE
- NEW PANEL
- SPD — SURGE PROTECTION DEVICE
- MOTOR
- LABEL # — NEW MOTOR SEE SCHEDULE FOR DESCRIPTION
- PB — PULL BOX
- J — JUNCTION BOX
- H — HAND/HAIR DRYER
- SINGLE RECEPTACLE
- DUPLEX RECEPTACLE
- DOUBLE DUPLEX RECEPTACLE
- SPECIAL PURPOSE RECEPTACLE
- DUPLEX FLOOR RECEPTACLE
- CR — CORD REEL
- TELE./DATA POWER POLE
- NON-FUSED DISCONNECT SWITCH
- FUSED DISCONNECT SWITCH
- MOTOR STARTER
- COMBINATION STARTER
- C — CONTACTOR
- CB — ENCLOSED CIRCUIT BREAKER
- EQUIPMENT CONNECTION
- EMERGENCY OFF BUTTON
- T# — TRANSFORMER # DENOTES DESIGNATION REFER TO RISER DIAGRAM
- UT — UNDERGROUND TELEPHONE
- T — OVERHEAD TELEPHONE
- UTV — UNDERGROUND TELEVISION
- TV — OVERHEAD TELEVISION
- UL — UNDERGROUND LIGHTING
- L — OVERHEAD LIGHTING
- UE — UNDERGROUND ELECTRIC
- E — OVERHEAD ELECTRIC
- UC — UNDERGROUND COMMUNICATIONS
- C — OVERHEAD COMMUNICATIONS
- CONNECTION TO EXISTING PIPING
- PLATE STRAINER
- HOSE BIBB
- CA — COMPRESSED AIR
- LV — LABORATORY VENT
- LW — LABORATORY WASTE
- LW — LABORATORY WASTE (BURIED)
- V — VENT
- SAN — SANITARY (ABOVE GRADE)
- SAN — SANITARY (BURIED)
- IW — INDIRECT WASTE
- ST — STORM (ABOVE GRADE)
- ST — STORM (BURIED)
- SP — FIRE STANDPIPE
- F — FIRE MAIN
- SPRK — FIRE SPRINKLER
- EXISTING COLD WATER
- EXISTING HOT WATER
- EXG HOT WATER RETURN
- 110° HW — EXISTING 110° HOT WATER
- 140° HW — EXISTING 140° HOT WATER
- 180° HW — EXISTING 180° HOT WATER
- COLD WATER
- HOT WATER
- HOT WATER RETURN
- 110° HW — 110° HOT WATER
- 140° HW — 140° HOT WATER
- 180° HW — 180° HOT WATER
- TW — TEMPERED (HOT) WATER
- RAW — RAW WATER
- SW — SOFT WATER
- DE — DEIONIZED WATER
- DI — DISTILLED WATER
- G — GAS
- P — PROPANE
- D — DIESEL FUEL
- U — UNLEADED GASOLINE
- FOS — EXG FUEL OIL SUPPLY
- FOS — FUEL OIL SUPPLY
- FOR — EXG FUEL OIL RETURN
- FOR — FUEL OIL RETURN
- FOV — EXG FUEL OIL VENT
- FOV — FUEL OIL VENT
- MU — MECHANICAL EQUIPMENT MAKE-UP COLD WATER (NON-POTABLE)
- EXISTING ROOF DRAIN
- ROOF DRAIN REPLACING EXG
- ROOF DRAIN
- SCUPPER ROOF DRAIN
- EXG PLUMBING FIXTURE TO BE REMOVED
- EXG PLUMBING FIXTURE
- PLUMBING FIXTURE
- FLOOR DRAINS
- FLOOR SINK
- WALL HYDRANT
- FIRE HOSE CABINET
- UPRIGHT SPRINKLER HEAD
- PENDANT SPRINKLER HEAD
- CONCEALED SPRINKLER HEAD
- RECESSED SPRINKLER HEAD
- SIDEWALL SPRINKLER HEAD

Symbol Tags

- F — = REMOVE EXISTING
- F E — = EXISTING TO REMAIN
- F RL — = RELOCATE EXISTING
- F RE — = REPLACE EXISTING

TYPICAL FOR ALL ELEC SYMBOLS

Standard Symbols

- 2 / A12 — STANDARD REFERENCE BUBBLE: DETAIL NUMBER / DRAWING NUMBER
- Floor Plan — 1/8"=1'-0" — DRAWING TITLE & SCALE
- 2 A112 — BUILDING SECTION
- CLL — CONTRACT LIMIT LINE
- ADA 5' TURNING RADIUS
- 100'-0" 1st FF — ELEVATION CALL OUT
- 2 A112 — WALL SECTION
- 2 A12 — ELEVATION
- 4 A112 2 3 — INTERIOR ELEVATION
- 2 A112 — DETAIL
- N — NORTH ARROW
- CLASSROOM 101 — ROOM NAME AND NUMBER
- PROPERTY LINE
- CUT LINE
- A — COLUMN CENTER LINE
- CENTER LINE
- A A / B B — MATCH LINE
- 5 — DRAWING REVISION NUMBER
- EARTH
- GRAVEL
- SAND
- CONCRETE
- NEW ASPHALT PAVING OR TOP COURSE
- NEW HEAVY-DUTY ASPHALT PAVING
- REMOVE AND REPLACE ASPHALT PAVING
- BRICK
- CONCRETE MASONRY UNITS
- STONE
- FINISHED WOOD TRIM
- PLYWOOD
- INSULATION (LOOSE OR BATT)
- ROUGH WOOD
- STRUCTURAL GLAZED TILE
- RIGID INSULATION
- METAL, STEEL
- TERRAZZO
- ACOUSTICAL PANEL
- CERAMIC TILE
- RESILIENT FLOORING
- GLASS (LARGE SCALE)
- PLASTER, CEMENT, GROUT, GYPSUM WALL BOARD

SED Control No. 61-06-00-01-0-026-020
61-06-00-01-0-027-018

Rev. No.:	Date:	Description:

Ithaca City School District

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Tetra Tech Engineers, Architects & Landscape Architects, P.C.

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

Ithaca City School District
Ithaca, NY

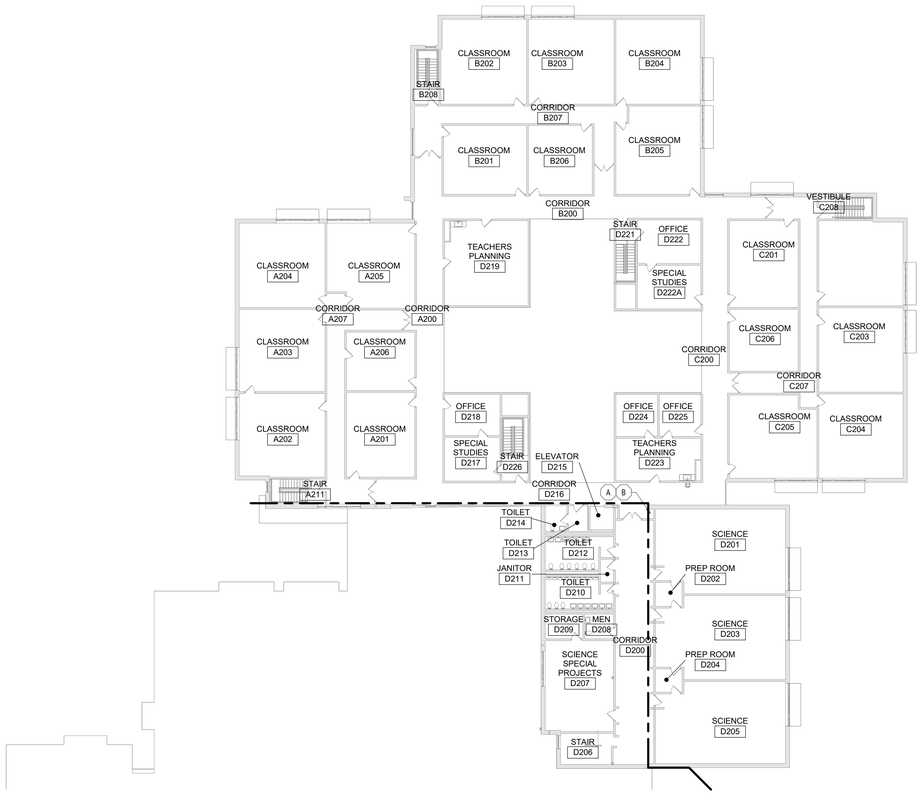
Reconstruction to:
Boynton and DeWitt Middle Schools

Symbols and Abbreviations

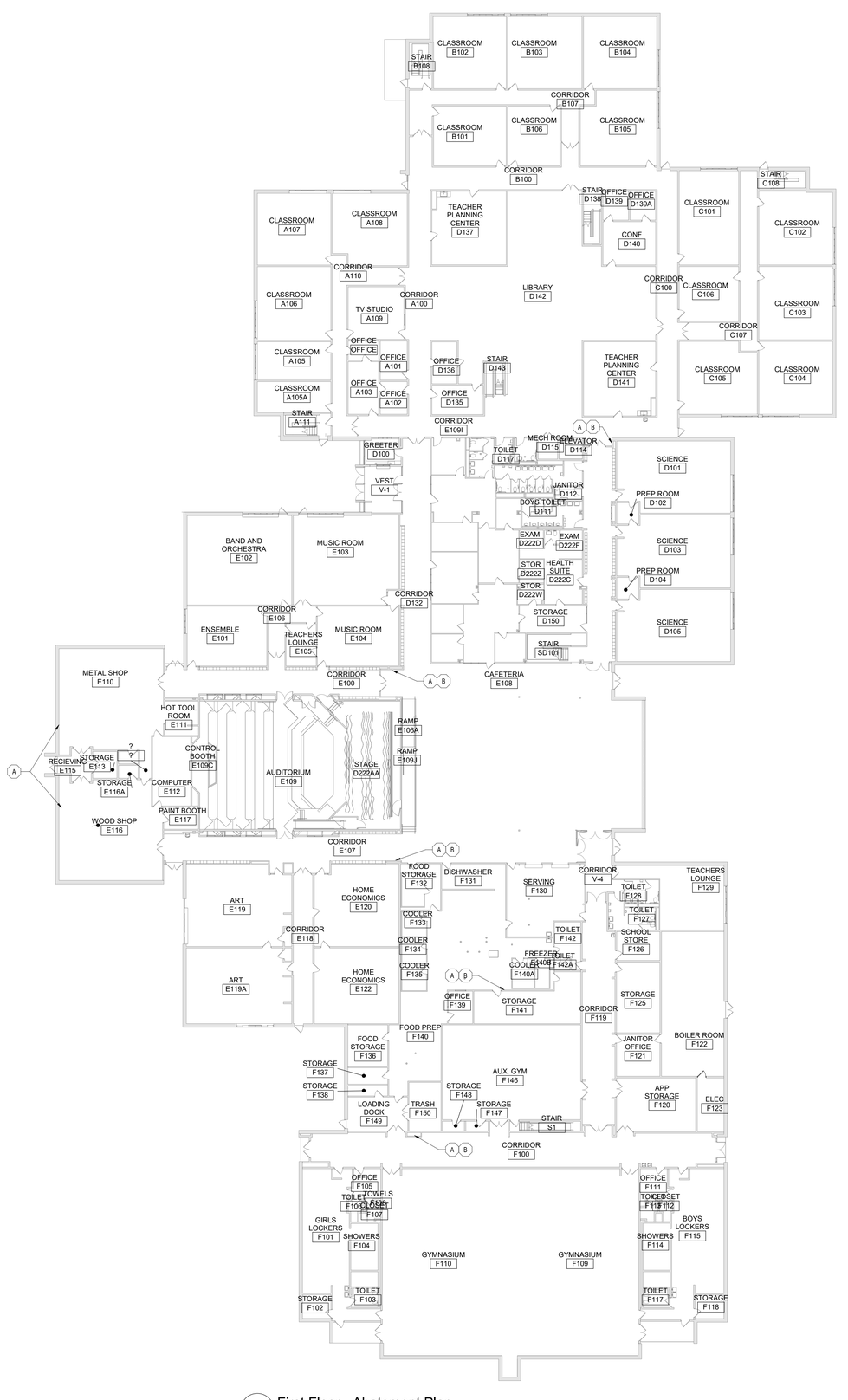
Drawn By:	Date:
TTAE	07/11/2025

Project No.: 214159-25001

Drawing Number: G100



2 Second Floor - Abatement Plan
1" = 20'-0"



1 First Floor - Abatement Plan
1" = 20'-0"

Wall Paint Removal Notes

1. PAINT ON CMU/BLOCK WALLS IS ASBESTOS AND LEAD CONTAINING.
2. PERFORM ALL WORK THAT WILL DISTURB PAINTED BLOCK WALLS AS AN ASBESTOS PROJECT AND IN ACCORDANCE WITH SECTION 028200 - ASBESTOS ABATEMENT.
3. DISTURBANCE INCLUDES, WITHOUT LIMITATION:
   A. REMOVAL OF PAINTED BLOCK WALLS;
   B. REMOVAL OF FIXTURES / CONSTRUCTION THAT IMPACTS PAINTED BLOCK WALLS;
   C. INSTALLATION OF NEW CONSTRUCTION THAT IMPACTS PAINTED BLOCK WALLS OR;
   D. PREPARING PAINTED BLOCK WALLS FOR PAINTING WHERE SANDING, SCRAPING OR SIMILAR ACTIVITIES OCCUR.
4. COORDINATE EXTENTS OF REMOVALS AND LOCATIONS OF ATTACHMENTS WITH OTHERS.
5. PERFORM REMOVALS SUCH THAT ALL PAINT REMAINING BEYOND THE LIMITS OF REMOVAL IS INTACT AND FIRMLY ADHERED. PERFORM REMOVALS SUCH THAT A CLEAN, STRAIGHT EDGE IS PROVIDED AT THE LIMIT OF PAINT REMOVAL. ENCAPSULATE EDGE OF REMAINING PAINT WITH 2 LAYERS OF FULL STRENGTH BRIDGING ENCAPSULANT.

Legend

(A) REMOVE ELECTRICAL PANEL FROM CMU WALL WITH ASBESTOS AND LEAD CONTAINING PAINT. INSTALL NEW ELECTRICAL PANEL AT WALL WITH ASBESTOS CONTAINING PAINT UPON COMPLETION OF ELECTRICAL WORK.

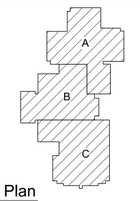
(B) ENLARGE OPENINING IN CMU WALL WITH ASBESTOS AND LEAD CONTAINING PAINT AS REQUIRED TO ACCOMODATE SCHEDULED WORK. COORDINATE EXACT LIMIT OF REMOVALS REQUIRED WITH ELECTRICAL CONTRACTOR AND ARCHITECTURAL DRAWINGS.

Asbestos Abatement General Notes

1. CONTRACTOR PERFORMING ANY AND ALL ASBESTOS ABATEMENT WORK SHALL BE A NYSDOL LICENSED ASBESTOS CONTRACTOR.
2. PERFORM ALL WORK IN ACCORDANCE WITH SPECIFICATION SECTION 02 82 00 - ASBESTOS ABATEMENT.
3. ASBESTOS CONTAINING MATERIALS SHALL BE ABATED IN ACCORDANCE WITH THE DRAWINGS AND SECTION 02 82 00 PRIOR TO ANY GENERAL DEMOLITION WORK THAT COULD DISTURB THOSE MATERIALS.
4. DO NOT SCALE DRAWINGS.
5. COORDINATE ALL WORK WITH OTHER CONTRACTORS.
6. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY AND ALL VARIANCES FROM INDUSTRIAL CODE RULE 56, WHICH ARE DESIRED OR NECESSARY TO PERFORM THE WORK.
7. REMOVE ALL ABATED MATERIALS FROM THE WORK AREA AND /OR BUILDING IN SEALED BAGS, DRUMS OR PLASTIC SHEETING.
8. WHERE INTERIOR ABATEMENT OCCURS, ISOLATE THE WING OR MAJOR SECTION OF THE BUILDING, FROM OCCUPIED PORTIONS OF THE BUILDING WITH SEALED ISOLATION BARRIERS CONSTRUCTED OF NON-COMBUSTIBLE MATERIALS. THE ISOLATED PORTION OF THE BUILDING MUST CONTAIN EXITS THAT DO NOT PASS THROUGH THE OCCUPIED PORTION OF THE BUILDING AND VENTILATION SYSTEMS SHALL BE PHYSICALLY SEPARATED AND SEALED AT THE ISOLATION BARRIER.

Lead Safe Work Practices

1. EACH PRIME CONTRACTOR IS RESPONSIBLE FOR THEIR OWN WORK WHICH WILL DISTURB LEAD PAINTED OR CONTAINING MATERIALS IN AN AUXILIARY MANNER. CONTRACTOR RESPONSIBLE FOR ABATEMENT SHALL BE RESPONSIBLE FOR ALL LEAD WORK EXPLICITLY INDICATED HEREIN.
2. LEAD BASED PAINT HAS BEEN IDENTIFIED ON:
   A. SHEETROCK WINDOW PANEL
   B. CONCRETE BLOCK WALL PAINT
   C. SHEETROCK WALL
   D. PAINTED METAL PIPES
   E. PLASTER WALL
   F. WOOD CEILING MOLDING
   G. METAL OVERHEAD DOOR FRAME
   H. METAL ROLL UP DOOR FRAME
   I. METAL BENCH SUPPORT
   J. FABRIC DUCT COVERING
   K. METAL COLUMN
   L. METAL I-BEAM
   M. WOOD WALL PANELS
   N. METAL STAIR COMPONENTS
3. PERFORM ALL WORK THAT WILL DISTURB LBP IN ACCORDANCE WITH SECTION 02 83 00 - LEAD-SAFE WORK PRACTICES.
4. WHERE REMOVAL OF A COMPONENT IS INDICATED, REMOVE AND DISPOSE OF THE ENTIRE COMPONENT AND REMOVE RESIDUAL PAINT FROM ADJACENT SURFACES.



Key Plan
N.T.S.

S.E.D. Control No. 61-06-00-01-0-026-020

Rev. No.:	Date:	Description:

Ithaca City School District

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BID SET

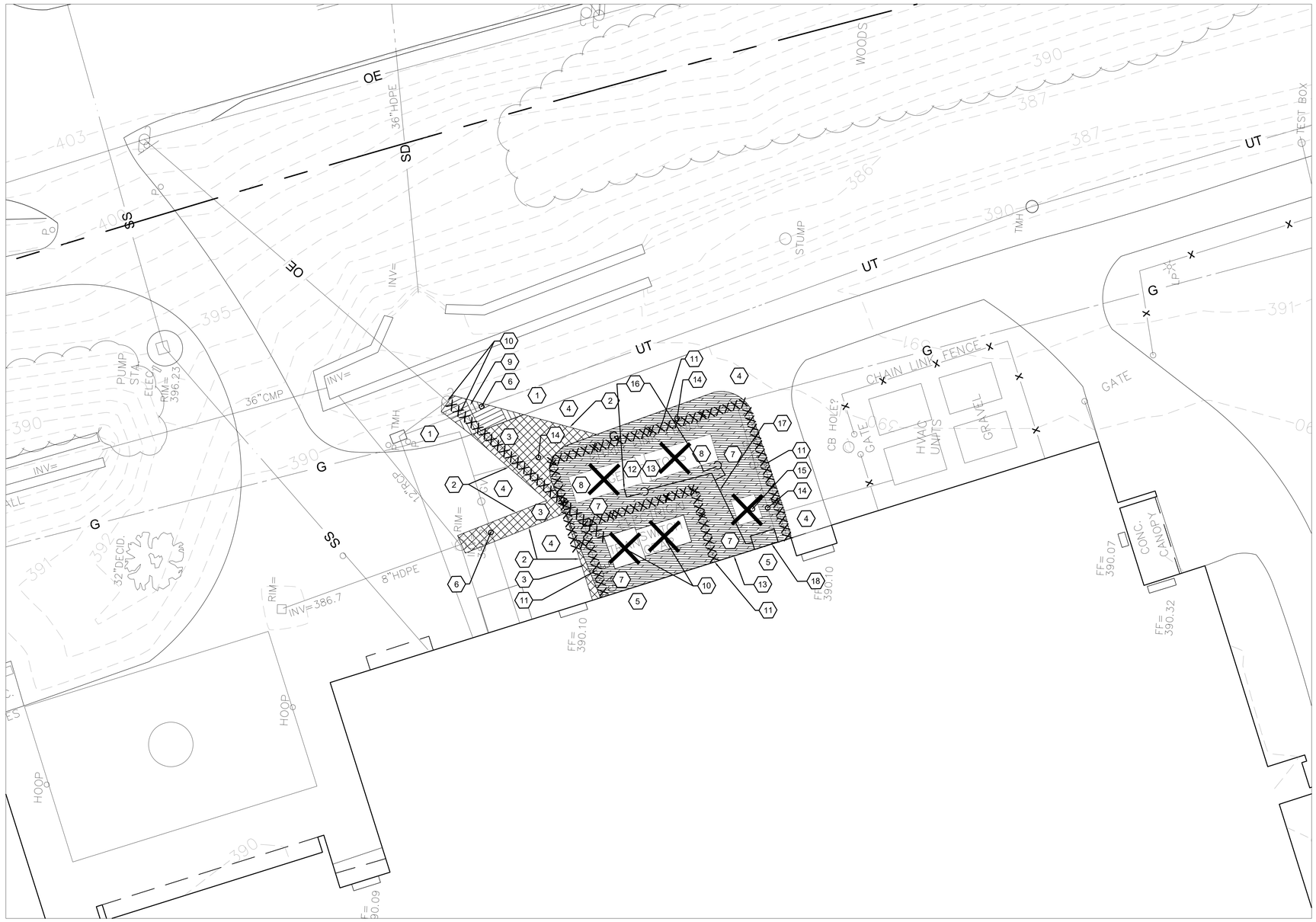
TETRA TECH
ARCHITECTS & ENGINEERS

Ithaca City School District
Ithaca, NY

Reconstruction to:
Boynton Middle School

First and Second Floor Abatement Plans

Drawn By:	Date:	Drawing Number:
TTAE	07/11/2025	BH100
Project No.: 214159-25001		


OE
SD
SS
OE
UT
UT
UT
G
G
G
SS
36"CMP
36"HDPE
8"HDPE
INV=
INV=
INV=
INV=386.7
RIM=
RIM=
RIM=
RIM= 396.23
PUMP STA ELEC
TMH
TMH
STUMP
TMH
TEST BOX
CHAIN LINK FENCE
GATE
GATE
CB HOLE?
HVAC UNITS
GRAVEL
CONC. CANOPY
FF= 390.07
FF= 390.32
FF= 390.10
FF= 390.10
FF= 390.09
32"DECID.
HOOP
HOOP
WOODS
PAVED
403
402
401
400
395
392
391
390
387
386
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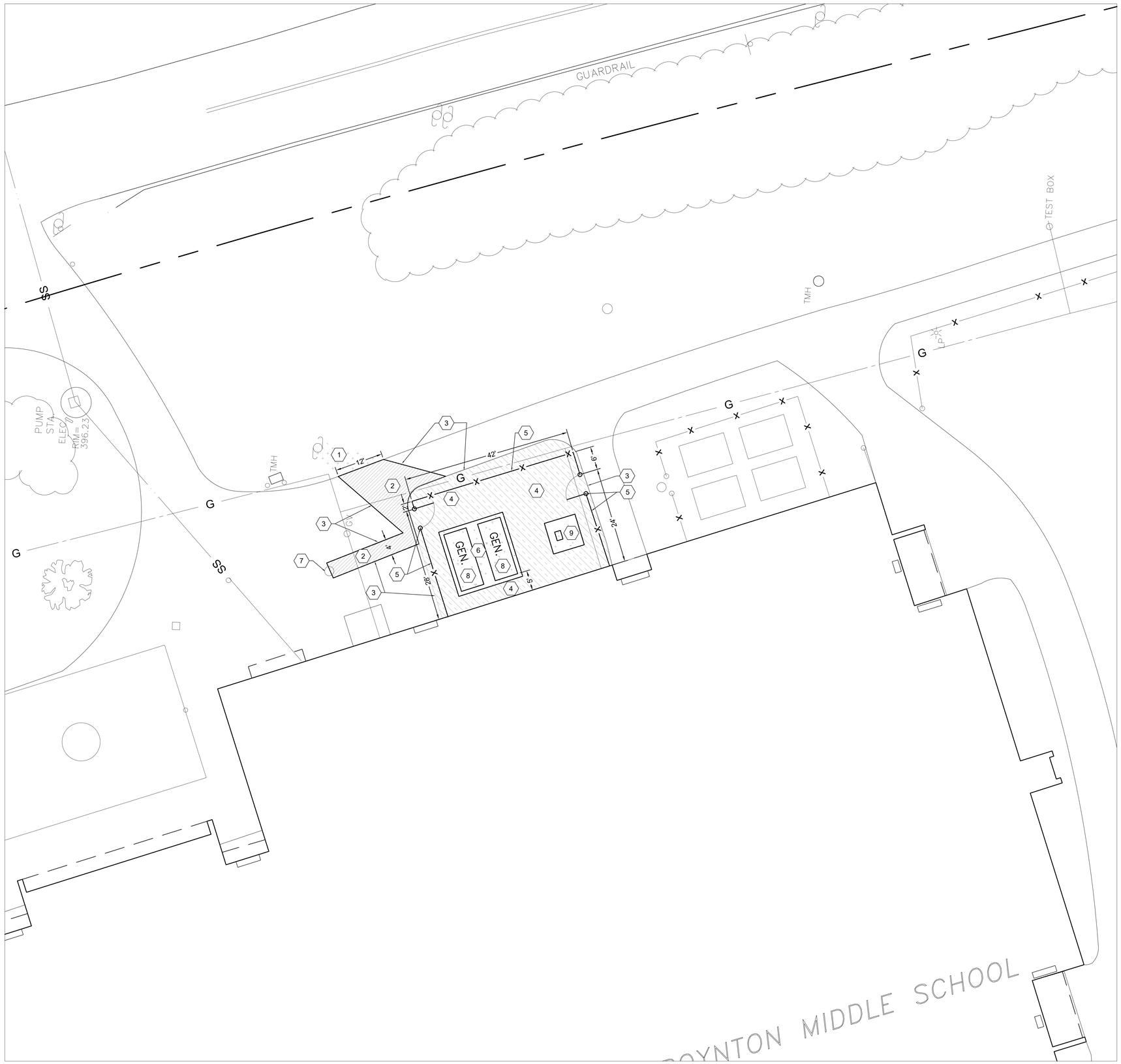
390
390



1 Site Layout Plan
1"=10'

Site Layout Keynotes

1. SEEDED AREA - PROVIDE 6" OF AMENDED TOPSOIL, FINE GRADE, SEED, FERTILIZE AND MULCH. SEE DETAIL 7 / ZC500.
2. ASPHALT PAVING PATCH. SEE DETAIL 3 / ZC500.
3. SMOOTH TRANSITION FROM PROPOSED SURFACE TO ADJACENT EXISTING AND NEW SURFACES, TYPICAL.
4. HEAVY-DUTY GRAVEL PAVING. SEE DETAIL 1 / ZC500.
5. 6-FT TALL BLACK VINYL CLAD CHAIN LINK W / 5'-0" WIDE SINGLE SWING GATE. SEE DETAILS 2 AND 5 / ZC500.
6. CONCRETE EQUIPMENT PAD.
7. EXISTING DRAINAGE STRUCTURE
8. RELOCATED GENERATORS.
9. TRANSFORMER VAULT AND PAD, REFER TO DETAL 4 / BE501.

General Site Notes

1. REFER TO DRAWING BC100 FOR GENERAL SITE NOTES THAT APPLY TO ALL C-SERIES DRAWINGS.

Site Layout Notes

1. LAYOUT DIMENSIONS GIVEN ARE FROM FACE OF BUILDING (FOB), FACE OF CURB (F.O.C.), CENTER LINE (CL) AND EDGE OF PAVEMENTS UNLESS OTHERWISE NOTED.
2. OBJECTS ARE PARALLEL OR PERPENDICULAR TO EACH OTHER UNLESS OTHERWISE NOTED.
3. PAINTED TRAFFIC MARKINGS AND TRAFFIC SIGNS TO COMPLY WITH THE LATEST EDITION OF THE NYSDOT MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND LOCAL REQUIREMENTS.
4. VERIFY DIMENSIONS IN FIELD WITH OWNER'S REPRESENTATIVE ANY DIMENSIONS NOTED AS "V.I.F."
5. AT EDGE OF NEW PAVING MEETING LAWN: ADD TOPSOIL ALONG EDGE OF NEW PAVING TO BRING ADJACENT GRADE FLUSH WITH EDGE OF NEW PAVING AT MAXIMUM 3% SLOPE. CUT NEAT LINE IN EXISTING LAWN AT NEW TOPSOIL LIMIT LINE. REFER TO PROJECT MANUAL SIDEWALK AND ASPHALT PAVEMENT SECTIONS FOR ADDITIONAL REQUIREMENTS.
6. SCORE CONCRETE SIDEWALKS AT 5-FT SQUARE UNLESS OTHERWISE NOTED.

Site Layout Legend

	CONCRETE PAVING
	GRAVEL PAVEMENT
	ASPHALT PAVING - AUTO DUTY
	TOPSOIL, LAWN SEEDING & MULCHING

S.E.D. Control No. 61-06-00-01-0-026-016

Rev. No.:	Date:	Description:

Ithaca City School District

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Tetra Tech Engineers, Architects & Landscape Architects, P.C.

BID SET

TETRA TECH ARCHITECTS & ENGINEERS

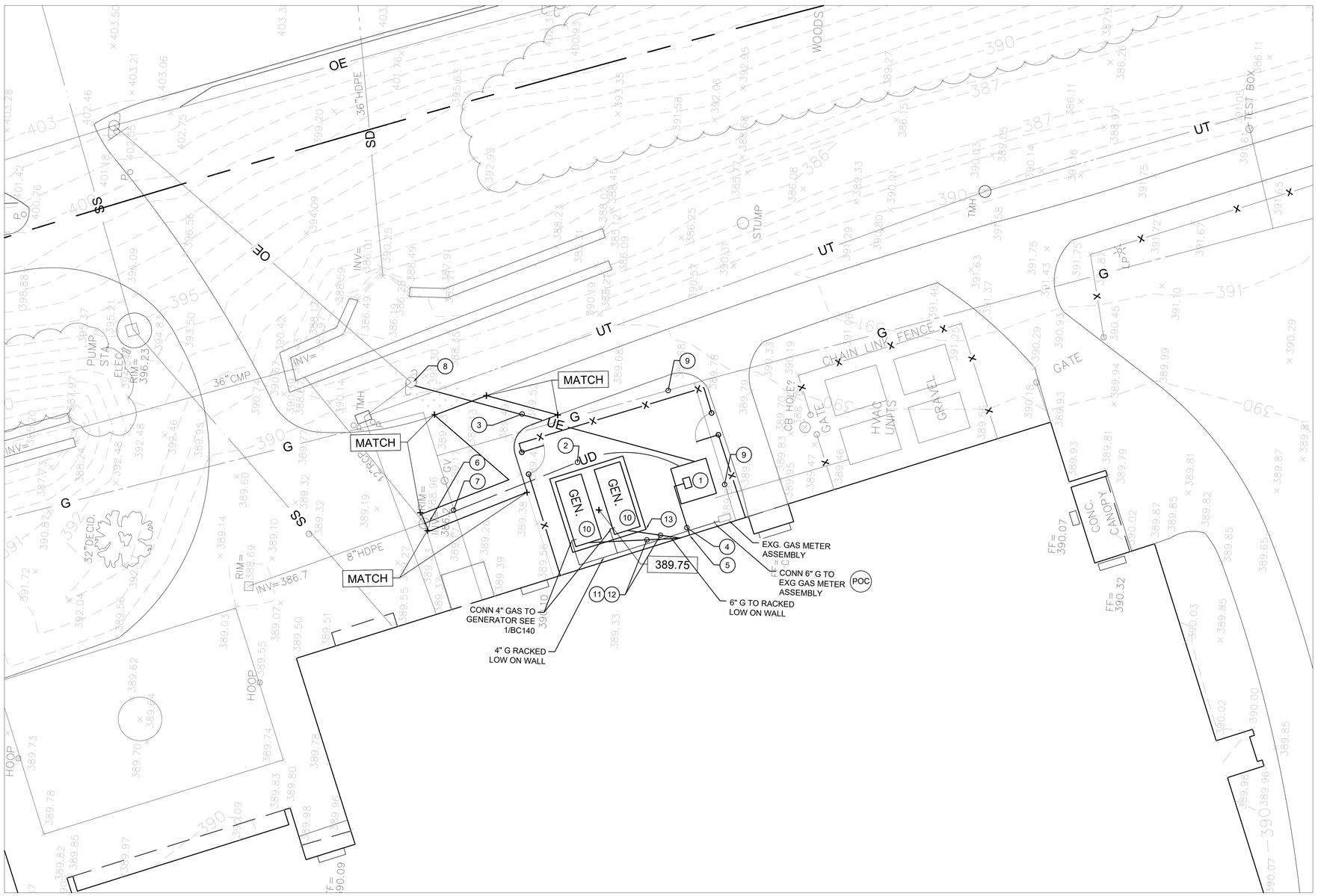
Ithaca City School District
400 Lake St., Ithaca, NY

Reconstruction to:
Boynton Middle School

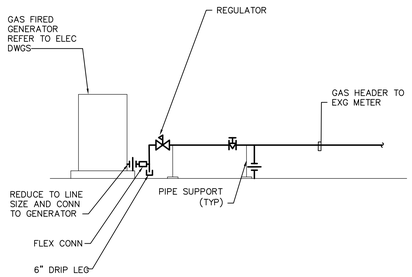
Site Layout Plan

Drawn by:	Date:	Drawing No.:
LGB	05/8/2026	BC120

T+ Project No.:
214159-25001



1 Site Grading and Utility Plan
1"=10'



1 Gas Piping Schematic
NTS

General Utility Plan Notes

1. CONTRACTOR IS RESPONSIBLE FOR REPAIRS OR DAMAGE TO ANY EXISTING UTILITY DURING CONSTRUCTION AT NO COST TO THE OWNER.
2. SEE PROJECT MANUAL FOR BACKFILLING AND COMPACTION REQUIREMENTS FOR UTILITY TRENCHES.
3. FILL MATERIAL IS TO BE IN PLACE AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
4. ALL WATER AND OTHER UTILITIES SHOULD BE KEPT TEN-FEET (10-FT) APART (PARALLEL) OR WITH 18 INCH CLEARANCE WHEN CROSSING VERTICALLY(OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE.)
5. LINES UNDERGROUND SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
6. TOPS OF EXISTING MANHOLES, DRAINAGE INLETS, HYDRANTS AND WATER LINE VALVE BOXES SHALL BE RAISED AS NECESSARY TO BE FLUSH WITH PROPOSED PAVEMENT ELEVATIONS.
7. DRAWINGS DO NOT PURPORT TO SHOW ALL EXISTING UTILITIES.
8. EXISTING UTILITIES SHALL BE VERIFIED IN FIELD PRIOR TO INSTALLATION OF ANY NEW LINES.
9. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND/OR MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. CONTRACTOR TO REFER TO PROJECT MANUAL REGARDING COORDINATION WITH UTILITY COMPANIES BEFORE ANY EXCAVATION REGARDING FIELD LOCATION OF UTILITIES.
10. THE CONTRACTOR SHALL CONDUCT REQUIRED TESTS TO THE SATISFACTION OF THE RESPECTIVE UTILITY COMPANIES AND THE OWNER'S INSPECTING AUTHORITIES.
11. CONTRACTOR SHALL COMPLY TO THE FULLEST EXTENT WITH THE LATEST STANDARDS OF OSHA DIRECTIVES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BENCHING, AND OTHER MEANS OF PROTECTION. THIS TO INCLUDE BUT IS NOT LIMITED TO ACCESS AND EGRESS FROM ALL EXCAVATION AND TRENCHING. CONTRACTOR IS RESPONSIBLE TO COMPLY WITH PERFORMANCE CRITERIA FOR OSHA.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEWATERING, PUMPING AND TREATMENT OF WATER. NO WATER FROM ANY CONSTRUCTION WORK, PROCESS OR AREA SHALL BE RELEASED DOWN STREAM OR INTO STORM SYSTEMS WITH OUT FIRST BEING TREATED TO REMOVE SEDIMENT, OILS, OR OTHER POLLUTANTS.

Site Utility and Drainage Keynotes

1. ELECTRICAL VAULT. SEE DETAIL 4 / BE501.
   TOP OF VAULT = 390.50.
   FG = 390.00.
   BOTTOM OF VAULT = 387.00
   6" UNDERDRAIN INV = 386.60
2. UD-1: 60-LF @ MIN 0.50%. SEE DETAILS 4 AND 6 / ZC500.
3. ELECTRICAL SUPPLY TO ELECTRICAL VAULT. SEE DETAIL 2 / BE501. REFER TO DETAIL 2 / BE700 FOR CABLE SIZING.
4. PROVIDE CONDUITS IN TRENCH SEE DETAIL 2 / BE501. REFER TO BE700 FOR CONDUCTOR AND CONDUIT SIZING.
5. NEW ELECTRICAL SERVICE TO BUILDING. REFER TO ELECTRICAL PLANS. EXISTING FEED TO REMAIN UNTIL NEW SERVICE IS UP AND RUNNING.
6. CORE AND SEAL UNDERDRAIN CONNECTION TO DRAINAGE STRUCTURE. 6" INV = 386.25.
7. PIPE CROSSING. SEE DETAIL 8 / ZC500.
8. P.O.C.
9. GAS LINE LOCATION IS APPROXIMATE, FIELD VERIFY
10. REINSTALL GENERATORS ON CONCRETE PAD. CONNECT TO GAS LINE AS INDICATED.
11. PROVIDE (4) #500 KCMIL, #1/0G IN 3"C FROM EACH GENERATOR TO ATS IN BOILER ROOM. PROVIDE RS232 CABLING FROM GENSET TO CONTROL PANEL FOR STATUS MONITORING. REUSE PROTECTED SLEEVES INTO BUILDING.
12. PROVIDE (3)#10, #10G TO NORTH AND SOUTH GENERATOR DISTRIBUTION PANEL FROM 40A-2P BREAKERS IN PANELS PB-1 AND PP-4, RESPECTIVELY. REFER TO PANEL SCHEDULES.
13. PROVIDE SINGLE 175" BY 224" CONCRETE PAD FOR GENERATORS. COORDINATE GAS AND ELECTRIC PENETRATIONS BASED ON EQUIPMENT REQUIREMENTS. REFER TO DETAIL 5 ON SHEET BE501 FOR THE CONCRETE PAD INSTALLATION.

General Site Notes

1. REFER TO DRAWING BC100 FOR GENERAL SITE NOTES THAT APPLY TO ALL BC-SERIES DRAWINGS.

General Grading Plan Notes

1. ALL FILL MATERIALS, INCLUDING ON-SITE MATERIALS, ARE TO BE SUBMITTED FOR ARCHITECT APPROVAL BEFORE PLACEMENT. REFER TO EARTH MOVING SPECIFICATION FOR REQUIREMENTS.
2. ALL CUT OR FILL SLOPES SHALL BE 3:1 OR FLATTER UNLESS OTHERWISE NOTED.
3. EXCESS MATERIAL CUT FROM THE SITE (WITH THE EXCEPTION OF TOPSOIL) SHALL BE REMOVED FROM THE SITE AND LEGALLY DISPOSED OF PER THE PROJECT MANUAL.
4. OWNER'S GEOTECHNICAL ENGINEER TO BE PRESENT FOR ALL FILL AND COMPACTION OPERATIONS, INCLUDING TRENCHES AND STORMWATER STRUCTURES. REFER TO EARTH MOVING SPECIFICATION FOR GEOTECHNICAL TESTING REQUIREMENTS.
5. CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS AND STRUCTURES FOR NATURAL AND PAVED AREAS.
6. SPREAD TOPSOIL TO A MINIMUM DEPTH OF 6-INCHES CONTINUOUS SETTLED DEPTH OVER AREAS OF THE SITE WHERE EARTH HAS BEEN DISTURBED, EXCEPT WHERE BUILDING OR PAVING IS PROPOSED.
7. DISTURBED AREAS THAT ARE NOT RECEIVING PAVEMENT SHALL BE FINE GRADED, SEEDED OR SODDED, FERTILIZED AND MULCHED AS PER THE PROJECT MANUAL.
8. AFTER FINE GRADING IS COMPLETED, INFORM THE OWNER AND A/E SO THAT AN INSPECTION OF THE FINE GRADING CAN TAKE PLACE BEFORE SEEDING IS BEGUN. IF INSPECTION DOES NOT TAKE PLACE, APPROVAL OF LAWN MAY BE DELAYED OR DENIED.
9. PROVIDE GRADE ADJUSTING RINGS OR SHIMS AT DROP-INLETS, CATCH BASINS AND MANHOLES IN AREAS SCHEDULED FOR REPAVING OR REGRADING TO BRING RIMS UP TO LEVEL OF NEW FINISHED GRADE.
10. EXISTING AND PROPOSED GRADE CONTOUR INTERVALS SHOWN AT 1-FOOT INTERVALS.
11. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING LIDS.
12. IF APPLICABLE, THE CONTRACTOR SHALL ADHERE TO ALL TERMS & CONDITIONS AS OUTLINED IN THE GENERAL NEW YORK STATE S.P.D.E.S. PERMIT AND PROJECT S.W.P.P.P. FOR STORMWATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES.
13. CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.

S.E.D. Control No. 61-06-00-01-0-026-016

Rev. No.:	Date:	Description:

Ithaca City School District

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Tetra Tech Engineers, Architects & Landscape Architects, P.C.

BID SET

TETRA TECH ARCHITECTS & ENGINEERS

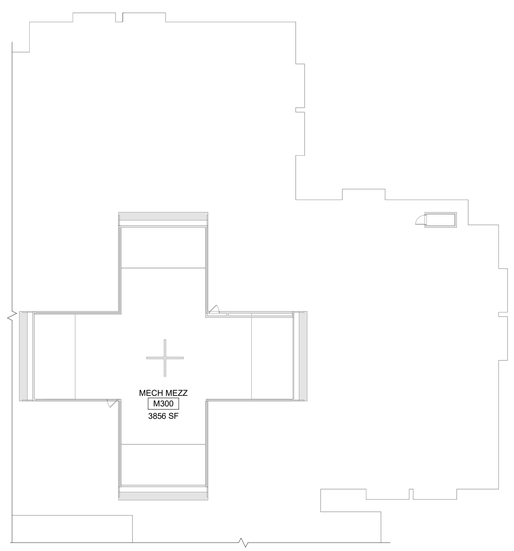
Ithaca City School District
400 Lake St., Ithaca, NY

Reconstruction to:
Boynton Middle School

Site Utility Plan

Drawn by:	Date:	Drawing No.:
JRS	05/8/2026	BC140

T+ Project No.:
214159-25001



3 Mechanical Mezzanine
1" = 20'-0"

Code Compliance Review

PROJECT LOCATION:
1601 NORTH CAYUGA STREET, ITHACA, NY
BOUNDED BY NORTH CAYUGA STREET TO THE WEST, LAKE STREET TO THE EAST, THE EXISTING BUILDING IS LOCATED TO THE NORTHEAST OF DOWNTOWN ITHACA AND SOUTHEAST OF CAYUGA LAKE.

PROJECT DESCRIPTION:

WORK GENERALLY CONSISTS OF THE FOLLOWING:
ALTERATIONS - LEVEL 1
- REPLACEMENT OF ELECTRICAL SERVICE
- REPLACEMENT OF ELECTRICAL DISTRIBUTION PANELS AND SUB PANELS.

APPLICABLE CODES AND STANDARDS:

BASED ON THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE INCLUDING APPLICABLE 2018 ICC CODES AND 2020 BUILDING CODES of NYS, AND ICC A117.1-2017 STANDARD FOR ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES AND MANUAL OF PLANNING STANDARDS 2022.

REFER TO PROJECT MANUAL FOR REQUIREMENTS STATED IN "NYCRR 155 REGULATIONS OF THE COMMISSIONER OF EDUCATION".

BUILDING DATA:

BUILDING:	BOYNTON MIDDLE SCHOOL 1601 NORTH CAYUGA STREET ITHACA, NY 14850	
DESCRIPTION:	TWO STORY, STEEL FRAMED BUILDING.	
YEAR BUILT:	1971 (ANTON J EGNER & ASSOCIATES)	
BUILDING AREA:	1ST FLOOR	89,088 SQFT
	2ND FLOOR	41,065 SQFT
	PENTHOUSES	6,544 SQFT
	TOTAL GROSS AREA=	136,697 SQFT

CODE DATA SUMMARY:

USE GROUP: E : EDUCATION

CONSTRUCTION TYPE : IIB

PATH OF CODE COMPLIANCE:

2018 IEBC CODES AND 2020 EXISTING BUILDING CODE of NYS
301.3.2 WORK AREA COMPLIANCE METHOD

CHAPTER 6 - CLASSIFICATION OF WORK
602 ALTERATION - LEVEL 1 (CHAPTER 7)
603 ALTERATION - LEVEL 2 (CHAPTER 8)

CHAPTER 8 - MINIMUM FIXTURES
809.1 OCCUPANCY IS NOT INCREASED THEREFORE NO INCREASE TO PLUMBING FIXTURE COUNT IS REQUIRED.

CHAPTER 10 - NO CHANGE OF OCCUPANCY

NEW CONSTRUCTION WILL COMPLY WITH REQUIREMENTS OF 2018 ICC CODES AND 2020 BUILDING CODES of NYS

ACCESSIBLE ROUTE AND ACCESSIBLE ENTRANCES:
NA

EXIT TRAVEL DISTANCE (PER TABLE 1017.2):
NA

STAIR AND OTHER EXIT WIDTH CALCULATIONS (PER 1005.3.1 AND 1005.3.2):
NA

UL DESIGN NUMBERS:

1 HR. BLOCK PARTITIONS	UL# U905
2 HR. BLOCK PARTITIONS	UL# U905

NOTES:

1. RATING PROVIDED BY 4" SOLID CONCRETE MASONRY UNITS - DETERMINATION OF EQUIVALENT THICKNESS OF CMU REQUIRED IS BASED ON SECTION 721 PRESCRIPTIVE FIRE RESISTANCE, TABLE 721.1 (2) RATED FIRE RESISTANCE PERIODS FOR VARIOUS WALLS AND PARTITIONS, ITEM NUMBER 3-1.2
2. ALL CMU CONSTRUCTION SHALL MEET FIRE RESISTANCE REQUIREMENTS INDICATED IN CHART OF SAME NAME ABOVE, BLOCK TYPE AS REQUIRED TO COMPLY WITH UL DESIGN NUMBERS AND AS REQUIRED TO COMPLY WITH RATED WALLS INDICATED ON CODE COMPLIANCE DRAWINGS. PROVIDE MINIMUM 4" SOLID CMU AT SUCH LOCATIONS REGARDLESS IF NOTED AS SUCH ON PLAN DETAILS.

Structural Loads:

A ROOF LIVE LOADS PER BCNYS 1607.13
MINIMUM ROOF LIVE LOAD 20 PSF

B RAIN LOADS PER BCNYS 1611
RAIN INTENSITY, i 2.5 IN/HR
RAIN LOAD, R 9.1 PSF

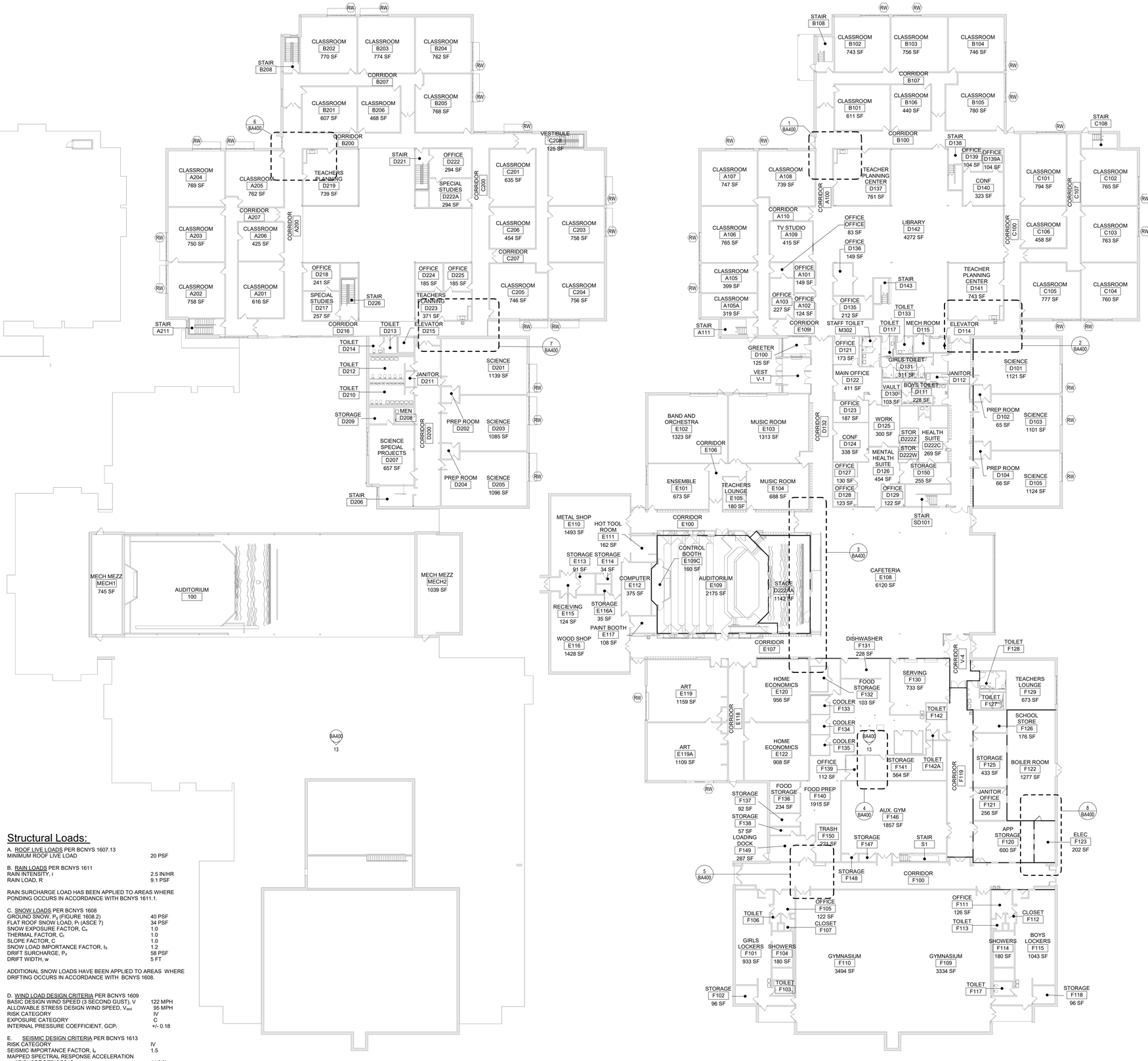
RAIN SURCHARGE LOAD HAS BEEN APPLIED TO AREAS WHERE PONDING OCCURS IN ACCORDANCE WITH BCNYS 1611.1.

C. SNOW LOADS PER BCNYS 1608
GROUND SNOW, P_g (FIGURE 1608.2) 40 PSF
FLAT ROOF SNOW LOAD, P_f (ASCE 7) 34 PSF
SNOW EXPOSURE FACTOR, C_e 1.0
THERMAL FACTOR, C_t 1.0
SLOPE FACTOR, C_s 1.0
SNOW LOAD IMPORTANCE FACTOR, I_S 1.2
DRIFT SURCHARGE, P_d 58 PSF
DRIFT WIDTH, w 5 FT

ADDITIONAL SNOW LOADS HAVE BEEN APPLIED TO AREAS WHERE DRIFTING OCCURS IN ACCORDANCE WITH BCNYS 1608.

D. WIND LOAD DESIGN CRITERIA PER BCNYS 1609
BASIC DESIGN WIND SPEED (3 SECOND GUST), V 122 MPH
ALLOWABLE STRESS DESIGN WIND SPEED, V_{asd} 95 MPH
RISK CATEGORY IV
EXPOSURE CATEGORY C
INTERNAL PRESSURE COEFFICIENT, GC_{Pi} +/- 0.18

E. SEISMIC DESIGN CRITERIA PER BCNYS 1613
RISK CATEGORY IV
SEISMIC IMPORTANCE FACTOR, I_e 1.5
MAPPED SPECTRAL RESPONSE ACCELERATION
AT SHORT PERIODS, S_S 11.9 %g
AT 1 SECOND PERIODS, S_1 4.6 %g
SITE CLASS E
DESIGN SPECTRAL RESPONSE ACCELERATION
AT SHORT PERIODS, S_{DS} 19.1 %g
AT 1 SECOND PERIODS, S_{D1} 12.7 %g
SEISMIC DESIGN CATEGORY C



2 Second Floor - Key Plan
1" = 20'-0"

1 First Floor - Key Plan
1" = 20'-0"

General Notes

A. DO NOT SCALE DRAWINGS TO OBTAIN DIMENSIONS.

B. TAKE FIELD MEASUREMENTS TO FIT THE WORK PROPERLY. VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD.

C. REFER INCONSISTENCIES TO ARCHITECT PRIOR TO COMMENCING THE WORK IN AFFECTED AREA.

D. ITEMS ARE SHOWN DIAGRAMMATICALLY ON DRAWINGS. VERIFY SPACE REQUIREMENTS AND DIMENSIONS TO FIT THE WORK PROPERLY.

E. NOTES SHOWN ON ONE DRAWING APPLY TO ALL SIMILAR DRAWINGS.

F. DO NOT DISTURB CONSTRUCTION SUSPECTED OF CONTAINING HAZARDOUS MATERIAL. IF ENCOUNTERED, IMMEDIATELY NOTIFY ARCHITECT, CONSTRUCTION MANAGER AND OWNER.

G. WHERE EXISTING CONSTRUCTION IS DAMAGED OR DISTURBED, PATCH AS REQUIRED TO RESTORE SURFACES TO THEIR ORIGINAL CONDITION.

General Code Notes

A. COORDINATE WITH FLOOR PLANS IMMEDIATELY NOTIFY ARCHITECT OF ANY WALL RATING DISCREPANCIES BETWEEN DRAWINGS AND FIELD CONDITIONS

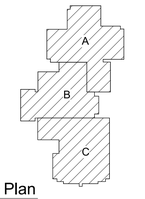
B. AT AREAS OF PROJECT WORK, COMPLETELY SEAL ALL PENETRATIONS REQUIRED TO COMPLY WITH FIRE RESISTANCE RATINGS IDENTIFIED ON THE DRAWINGS, REGARDLESS IF WALL IS NEW OR EXISTING, TYPICAL UNLESS NOTED OTHERWISE.

C. PENETRATIONS AT CORRIDOR WALLS ARE TO BE COMPLETELY SEALED WITH 1 HOUR RATED PENETRATION FIRESTOPPING REGARDLESS OF EXISTING PENETRATIONS OR RATINGS SHOWN ON THIS DRAWING.

Legend

TREAT PENETRATIONS THROUGH EXISTING WALLS AS TYPE INDICATED WITH IDENTIFICATIONS BELOW REGARDLESS OF CONDITION AT OTHER PENETRATIONS.

- 2-HOUR FIRE BARRIER
- 1-HOUR FIRE BARRIER
- 1-HOUR FIRE PARTITION
- (RW) RESCUE WINDOW, SEE KEY PLANS FOR ADDITIONAL EXISTING LOCATIONS



Key Plan
N.T.S.

S.E.D. Control No. 61-06-00-01-0-026-020

Rev. No.:	Date:	Description:

Ithaca City School District

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Tetra Tech Engineers, Architects & Landscape Architects, P.C.

BID SET

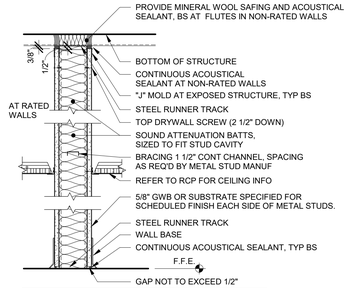
TETRA TECH ARCHITECTS & ENGINEERS

Ithaca City School District
Ithaca, NY

Reconstruction to:
Boynton Middle School

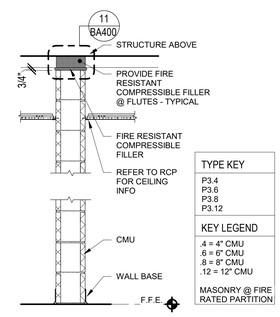
Key Plans and Code Compliance Review

Drawn By:	Date:	Drawing Number:
KRG	07/11//2025	BA050
Project No.: 214159-25001		



TYPE KEY	KEY LEGEND
P12.3, P12.4, AND P12.6 (NO RATING) P13.3 UL DESIGN #U465 (1 HOUR) P13.4 UL DESIGN #U465 (1 HOUR) P13.6 UL DESIGN #U465 (1 HOUR)	.3 = 3-5/8" MTL STUDS .4 = 4" MTL STUDS .6 = 6" MTL STUDS

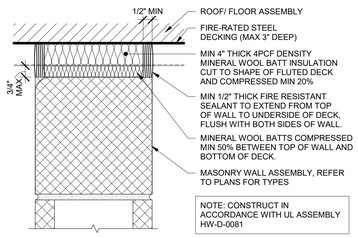
9 Metal Stud Partition Type P12 and P13
1 1/2" = 1'-0"



TYPE KEY
P3.4 P3.6 P3.8 P3.12
KEY LEGEND
.4 = 4" CMU .6 = 6" CMU .8 = 8" CMU .12 = 12" CMU MASONRY @ FIRE RATED PARTITION

P3.6 UL DESIGN # U906 (2HRS)
P3.8 UL DESIGN # U905 (2HRS)
P3.12 UL DESIGN # U905 (2HRS)

10 Partition Type P3
3/4" = 1'-0"



NOTE: CONSTRUCT IN ACCORDANCE WITH UL ASSEMBLY HW-D-0081

11 Typical Rated Top of Wall Assembly
3" = 1'-0"

1. FOR 4" THICK WALLS

MASONRY OPENING	STEEL
UP TO 6'-4"	MT 6X5.9

2. FOR 6" THICK WALLS

MASONRY OPENING (<)	STEEL
5'-0"	2- L2 1/2X2 1/2X5/16
6'-0"	2- L3X2 1/2X5/16 LLV
7'-0"	2- L3 1/2X2 1/2X5/16 LLV
8'-0"	2- L3 1/2X2 1/2X5/16 LLV

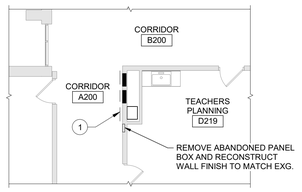
3. FOR 8", 12", AND 16" THICK WALLS: FOR EACH 4" THICKNESS OF WALL

MASONRY OPENING (<)	STEEL
5'-0"	L3 1/2X3 1/2X5/16
6'-0"	L4X3 1/2X 5/16 LLV
7'-0"	L5X3 1/2X5/16 LLV
8'-0"	L5X3 1/2X5/16 LLV
9'-0"	L6X3 1/2X5/16 LLV
10'-0"	L6X3 1/2X5/16 LLV

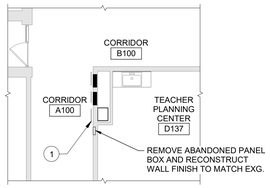
LINTEL NOTES

1. ALL OPENINGS 1'-0" AND OVER REQUIRE LINTELS.
2. STEEL TO BE A36.
3. THIS SCHEDULE IS TYPICAL FOR ALL MASONRY OPENINGS IN NON-LOAD BEARING WALLS UNLESS OTHERWISE NOTED.
4. ALL LINTELS TO HAVE MINIMUM 8" BEARING BOTH ENDS.
5. BACK TO BACK ANGLES ARE TO BE STITCH WELDED TOGETHER BEFORE PLACEMENT.
6. ALL LINTELS ARE TO HAVE BOTH ENDS BEAR ON SOLID MASONRY OR SOLIDLY GROUTED HOLLOW MASONRY.
7. WHERE MINIMUM 8" BEARING LENGTH CANNOT BE PROVIDED DUE TO COLUMN INTERFERENCE, PROVIDE CONNECTION OF LINTEL TO COLUMN.
8. THIS LINTEL SCHEDULE IS APPLICABLE FOR USE IN EXISTING BUILDING. SHORE EXISTING STRUCTURE AND WALL AS REQD FOR INSTALLATION OF NEW MAS AND LINTEL. SEE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR SIZE AND LOCATION OF OPENINGS.

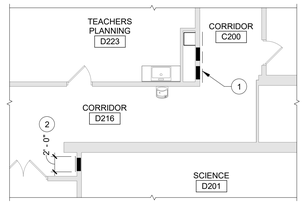
12 Lintel Schedule
NTS



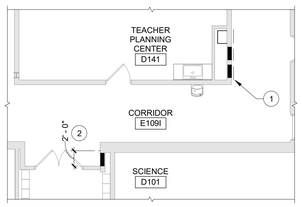
6 Enlarged Plan - Area A
1/8" = 1'-0"



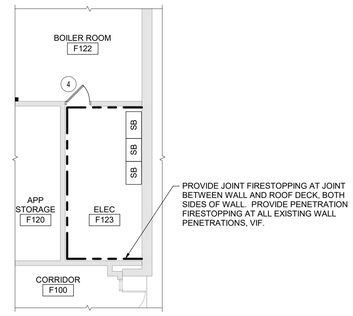
1 Enlarged Plan - Area A
1/8" = 1'-0"



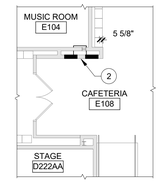
7 Enlarged Plan - Area A
1/8" = 1'-0"

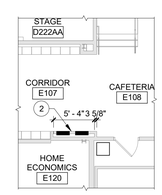


2 Enlarged Plan - Area A
1/8" = 1'-0"

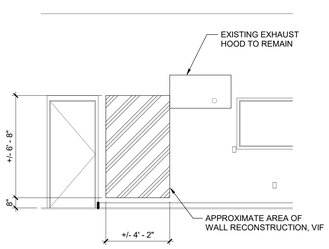


8 Enlarged Plan - Area C
1/8" = 1'-0"

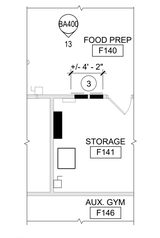




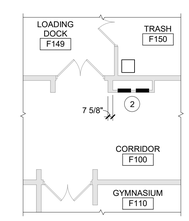
3 Enlarged Plan - Area B
1/8" = 1'-0"



13 Interior Elevation - Food Prep F140
1/4" = 1'-0"



4 Enlarged Plan - Area C
1/8" = 1'-0"



5 Enlarged Plan - Area C
1/8" = 1'-0"

General Notes

A. DO NOT SCALE DRAWINGS TO OBTAIN DIMENSIONS.

B. TAKE FIELD MEASUREMENTS TO FIT THE WORK PROPERLY. VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD.

C. REFER INCONSISTENCIES TO ARCHITECT PRIOR TO COMMENCING THE WORK IN AFFECTED AREA.

D. ITEMS ARE SHOWN DIAGRAMMATICALLY ON DRAWINGS. VERIFY SPACE REQUIREMENTS AND DIMENSIONS TO FIT THE WORK PROPERLY.

E. NOTES SHOWN ON ONE DRAWING APPLY TO ALL SIMILAR DRAWINGS.

F. DO NOT DISTURB CONSTRUCTION SUSPECTED OF CONTAINING HAZARDOUS MATERIAL. IF ENCOUNTERED, IMMEDIATELY NOTIFY ARCHITECT, CONSTRUCTION MANAGER AND OWNER.

G. WHERE EXISTING CONSTRUCTION IS DAMAGED OR DISTURBED, PATCH AS REQUIRED TO RESTORE SURFACES TO THEIR ORIGINAL CONDITION.

General Demolition Notes

A. – – – REMOVE ITEMS INDICATED BY DASHED LINE.

B. KEYED DEMOLITION TAGS REFER TO SPECIFIC LOCATIONS AS FOLLOWS:

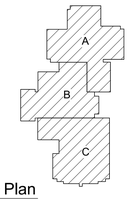
1. DEMOLITION TAGS LOCATED WITHIN THE MIDDLE OF A SPACE REFER TO DEMOLITION OF ALL ITEMS OF THAT SAME TYPE WITHIN THAT ENTIRE SPACE.
2. DEMOLITION TAGS PLACED IMMEDIATELY ON OR ADJACENT TO A DASHED LINE INDICATING ITEM REMOVAL OR THAT HAVE A LEADER POINTING TO SPECIFIC ITEM(S) REFER TO DEMOLITION OF THAT SPECIFIC ITEM ONLY OF THAT TYPE WITHIN THAT SPACE.
3. DEMOLITION TAGS IN SERIES REFER TO DEMOLITION OF ALL THOSE ITEMS EITHER WITHIN THAT ENTIRE SPACE OR TO THE SPACE IDENTIFIED BY THAT LEADER.

C. WHEN AN ITEM IS INDICATED TO BE DEMOLISHED REMOVE ALL ASSOCIATED COMPONENTS AS PART OF THAT WORK.

D. ALL ARTWORK NOT PERMANENTLY AFFIXED TO EXISTING CONSTRUCTION SHALL BE REMOVED AND STORED BY OWNER PRIOR TO BEGINNING DEMOLITION WORK. CONTACT OWNER'S AGENT(S) IF ANY ARTWORK IS ENCOUNTERED PRIOR TO START OF DEMOLITION WORK.

Keyed Plan Notes

1. REMOVE GYPSUM WALL BOARD FINISH AS REQUIRED FOR PANEL AND TRANSFORMER REMOVAL.
   PROVIDE GYPSUM BOARD ON EXISTING FRAMING AND FINISH TO MATCH EXISTING ADJACENT WALLS REFER TO DETAIL 9/BA400 FOR WALL TYPE, SIM. PROVIDE ACCESS DOOR WITH LOUVERS SIZED LARGER THAN SCHEDULED TRANSFORMER.
2. REMOVE PORTION OF CMU WALL TO 6'-8" ABOVE FINISH FLOOR. PROVIDE LINTEL PER LINTEL SCHEDULE. COORDINATE WITH ABATEMENT DRAWINGS.
   INFILL OPENING WITH GYPSUM PARTITION SIMILAR TO DETAIL 9/BA400.
3. REMOVE PORTION OF CMU WALL AS REQUIRED FOR ELECTRICAL PANEL REPLACEMENT. DO NOT DISTURB EXISTING WALL BASE FINISH. VERIFY EXTENT IN FIELD. COORDINATE WITH ABATEMENT DRAWINGS.
   RECONSTRUCT MASONRY WALL TO MATCH EXISTING ADJACENT WALL FOR THICKNESS. SEE DETAIL 10/BA400. PAINT ACCENT COLOR TO BE SELECTED BY ARCHITECT.
4. REMOVE DOOR HARDWARE AS REQUIRED FOR INSTALLATION OF SCHEDULED HARDWARE ONLY, BALANCE OF HARDWARE TO REMAIN. DOOR AND FRAME TO REMAIN. MODIFY EXISTING DOOR AS REQUIRED FOR INSTALLATION OF SCHEDULED HARDWARE PER DOOR HARDWARE SPECIFICATION SET NO. 1



Key Plan
N.T.S.

S.E.D. Control No. 61-06-00-01-0-026-020

Rev. No.:	Date:	Description:

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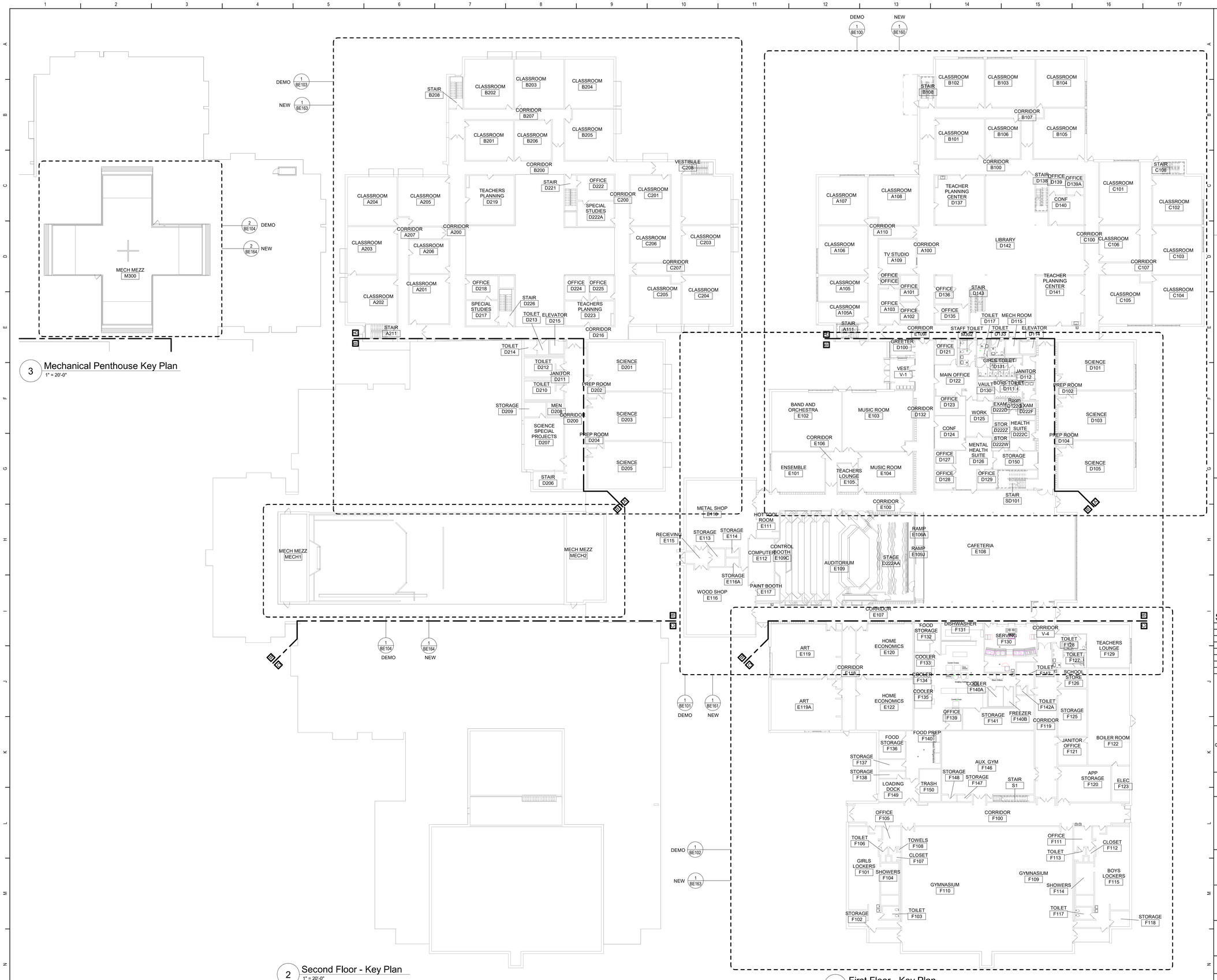
TETRA TECH ARCHITECTS & ENGINEERS

Ithaca City School District
Ithaca, NY

Reconstruction to:
Boynton Middle School

Enlarged Plans and Details

Drawn By:	Date:	Drawing Number:
TTAE	07/11//2025	BA400
Project No.: 214159-25001		



3 Mechanical Penthouse Key Plan
1" = 20'-0"

2 Second Floor - Key Plan
1" = 20'-0"

1 First Floor - Key Plan
1" = 20'-0"

General Notes

A. COORDINATE ALL ELECTRICAL WORK AND POWER OUTAGES WITH OWNER AND OTHER TRADES PRIOR TO THE START OF CONSTRUCTION. NO POWER OUTAGES SHALL OCCUR WITHOUT OWNER'S PRIOR KNOWLEDGE AND CONSENT.

B. REFER TO DRAWING G100 FOR STANDARD SYMBOLS AND ABBREVIATIONS.

C. PROPERLY IDENTIFY ALL CIRCUITS AT PANELS AND J-BOXES AND IN ACCORDANCE WITH PROJECT SPECIFICATIONS.

D. PROVIDE ALL ADAPTERS, COUPLINGS AND ASSOCIATED FITTINGS REQUIRED FOR COMPLETE OPERATIONAL SYSTEM.

E. WHEN INSTALLING NEW DEVICES IN EXISTING LOCATIONS, REUSE EXISTING CONDUIT/RACEWAY AND BACK BOXES IF IN GOOD CONDITION. EXTEND/INSTALL NEW CONDUIT/RACEWAY AS REQUIRED FOR PROPER MOUNTING OF DEVICE. CONCEAL ABOVE CEILINGS OR WITHIN WALLS WHERE POSSIBLE. REFER TO SPECIFICATION SECTION 26 05 33.

F. TESTS OF ALL ELECTRICAL WORK SHALL BE PERFORMED IN THE PRESENCE OF THE ENGINEER OR ARCHITECT, AS EQUIPMENT IS INSTALLED AND AS SYSTEMS ARE COMPLETED. IN ADDITION AN ELECTRIC APPROVED CERTIFICATE SHALL BE ISSUED BY AN ELECTRICAL INSPECTION AGENCY.

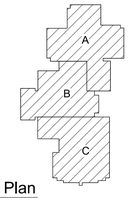
G. UNLESS NOTED ELSEWHERE ON THE CONTRACT DOCUMENTS, THE FOLLOWING LIST REPRESENTS THE TYPICAL MOUNTING HEIGHTS FOR THE DEVICES SHOWN:

1. POWER PANELS.....72" (TO TOP)
2. DISCONNECT SWITCHES.....60" (TO TOP)

THE HEIGHTS INDICATED SHALL BE NOMINAL TO THE BOTTOM OF THE BOX UNLESS NOTED OTHERWISE. MAINTAIN HEIGHT CONSISTENCY BETWEEN NEW AND EXISTING DEVICES.

Asbestos Awareness

1. CMU/BLOCK WALL PAINT AT BOYNTON MS AND DEWITT MS IS ASBESTOS AND LEAD CONTAINING AND IS PRESENT THROUGHOUT THE BUILDING. ASBESTOS PAINT IS LIMITED TO CMU WALLS, AND NOT GYPBOARD WALLS.
2. ALL WORK WHICH WOULD DISTURB CMU WALL PAINT SHALL BE PERFORMED AS AN ASBESTOS ABATEMENT PROJECT. REFER TO HAZARDOUS MATERIAL SERIES DRAWINGS. DISTURBANCE INCLUDES, BUT IS NOT LIMITED TO DETACHMENT OF EXISTING ITEMS FROM THE WALL, ATTACHMENT OF NEW ITEMS TO THE WALL, AND MODIFICATION OF THE WALL/OPENING.
3. ADDITIONAL ASBESTOS AND LEAD CONTAINING ITEMS ARE INDICATED ELSEWHERE WITHIN THE FACILITIES. REFER TO ON-SITE ASBESTOS DOCUMENTATION FOR FURTHER INFORMATION.
4. CMU WALLS WITH ACM/LEAD PAINT HAVE BEEN OBSERVED SUCH THAT THEY DO NOT TYPICALLY EXTEND TO DECK ABOVE. FURTHER, IN AREAS WHERE CMU WALL EXTENDS ABOVE CEILING OR UP TO DECK, ACM PAINT TYPICALLY TERMINATES 4" ABOVE FINISHED CEILING HEIGHT. CONTRACTOR SHALL CHOOSE ROUTING OF WIRING, ETC SUCH THAT ACM WALL PAINT IS NOT DISTURBED. CONTRACTOR RESPONSIBLE TO VERIFY IN FIELD SPECIFIC WALL CONDITIONS IN AREAS OF PROPOSED DISTURBANCE.
5. AT CMU WALLS IN THE MEZZANINES/PENTHOUSES, ACM PAINT IS NOT PRESENT. CMU PAINT IN THE BOILER ROOM IS NON-ACM.
6. ADDITIONALLY, ASBESTOS CONTAINING PIPE FITTING INSULATION MAY EXIST WITHIN WALLS/CHASES AND/OR CEILINGS. WHEN PERFORMING PANEL/AND/OR WIRING REPLACEMENT, CONTRACTOR SHALL TAKE CARE NOT TO DISTURB ACM PIPE FITTING INSULATION.



Key Plan
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S.E.D. Control No. 61-06-00-01-0-026-020

Rev. No.:	Date:	Description:

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Ithaca City School District
Ithaca, NY

Reconstruction to:
Boynton Middle School

Key Plan

Drawn By:	Date:	Drawing Number:
AEL	07/11//2025	BE050
Project No.: 214159-25001		

1 First Floor - Demolition Plan - Area A
3/32" = 1'-0"

Demolition General Notes

A. ALL ELECTRICAL DEVICES INTERFERING WITH DEMOLITION WORK SHALL BE DISCONNECTED AND REMOVED, UNLESS OTHERWISE NOTED. EXISTING CIRCUIT WIRING SHALL BE REMOVED BACK TO SOURCE AND PANEL DIRECTORIES MODIFIED ACCORDINGLY.

B. ANY DEVICE INTERFERING WITH DEMOLITION WORK NOT SHOWN ON THESE DRAWINGS SHALL NOT BE REMOVED WITHOUT WRITTEN AUTHORIZATION FROM THE OWNER'S REPRESENTATIVE OR THE ENGINEER.

C. ALL ELECTRICAL DEMOLITION WORK SHALL BE PROPERLY COORDINATED WITH ALL OTHER TRADES.

D. REFER TO SPECIFICATIONS SECTION 26 05 00 FOR DEMOLITION REQUIREMENTS.

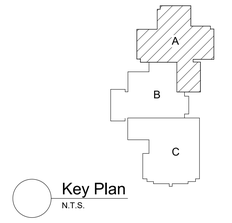
Keyed Notes

1. DISCONNECT AND REMOVE ELECTRICAL PANEL. DISCONNECT BRANCH CIRCUITS, COIL AND LABEL WIRING FOR RECONNECTION TO REPLACEMENT PANEL. REMOVE PANEL FEEDERS BACK TO SOURCE PANEL/TRANSFORMER - REFER TO DEMOLITION RISER DIAGRAM ON SHEET BE700.

2. DISCONNECT AND REMOVE TRANSFORMER. REMOVE FEEDERS BACK TO SOURCE. REFER TO RISER DIAGRAM ON SHEET BE700 FOR FULL DEMOLITION SCOPE. MAINTAIN BRACKET FOR MOUNTING REPLACEMENT TRANSFORMER.

General Notes

1. REFER TO SHEET BE050 FOR GENERAL NOTES AND ASBESTOS AWARENESS NOTES.



Key Plan
N.T.S.

S.E.D. Control No. 61-06-00-01-0-026-020

Rev. No.:	Date:	Description:

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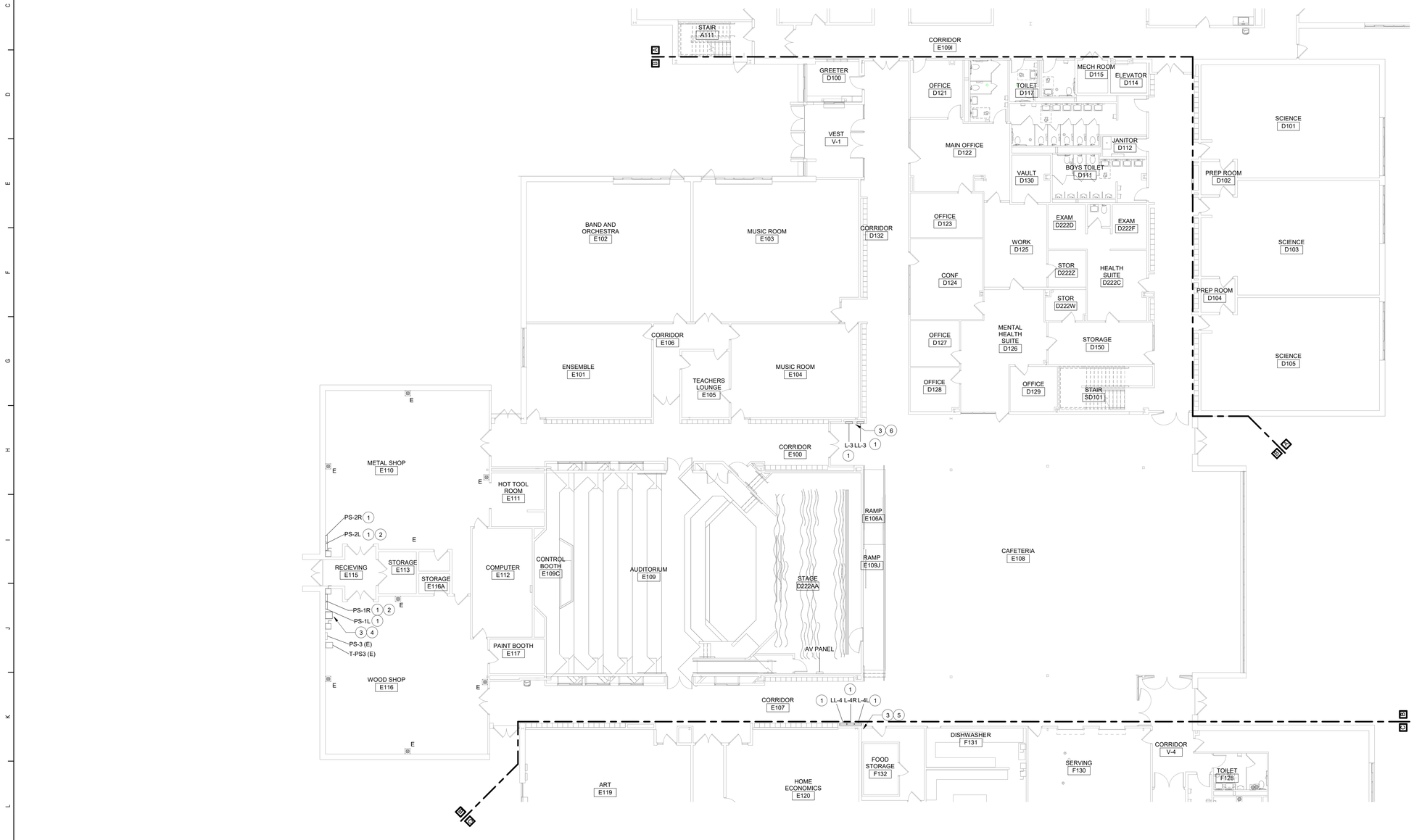
Ithaca City School District
Ithaca, NY

Reconstruction to:
Boynton Middle School

First Floor Demolition Plan - Area A

Drawn By:	Date:	Drawing Number:
AEL	07/11/2025	BE100

Project No.: 214159-25001



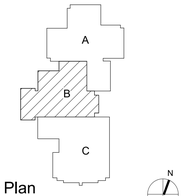
1 First Floor - Demolition Plan - Area B
3/32" = 1'-0"

Keyed Notes

1. DISCONNECT AND REMOVE ELECTRICAL PANEL. DISCONNECT BRANCH CIRCUITS, COIL AND LABEL WIRING FOR RECONNECTION TO REPLACEMENT PANEL. REMOVE PANEL FEEDERS BACK TO SOURCE PANEL/TRANSFORMER - REFER TO DEMOLITION RISER DIAGRAM ON SHEET BE700.
2. REMOVE CONTACTORS AND KEYED SWITCHES ASSOCIATED WITH SHOP PANEL. PRESERVE EMERGENCY STOP SWITCHES FOR RECONNECTION TO CONTACTOR ASSOCIATED WITH REPLACEMENT PANEL. REFER TO KEYED NOTE 1 ON BE600.
3. DISCONNECT AND REMOVE TRANSFORMER. REMOVE FEEDERS BACK TO SOURCE. REFER TO RISER DIAGRAM ON SHEET BE700 FOR FULL DEMOLITION SCOPE.
4. MAINTAIN CEILING-HUNG TRANSFORMER BRACKET FOR MOUNTING REPLACEMENT TRANSFORMER.
5. MAINTAIN WALL-MOUNTED BRACKET FOR MOUNTING REPLACEMENT TRANSFORMER.
6. REMOVE MOUNTING BRACKET ASSOCIATED WITH TRANSFORMER.

General Notes

1. REFER TO SHEET BE050 FOR GENERAL NOTES AND ASBESTOS AWARENESS NOTES.
2. REFER TO SHEET BE100 FOR DEMOLITION NOTES.



Key Plan
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S.E.D. Control No. 61-06-00-01-0-026-020

Rev. No.:	Date:	Description:

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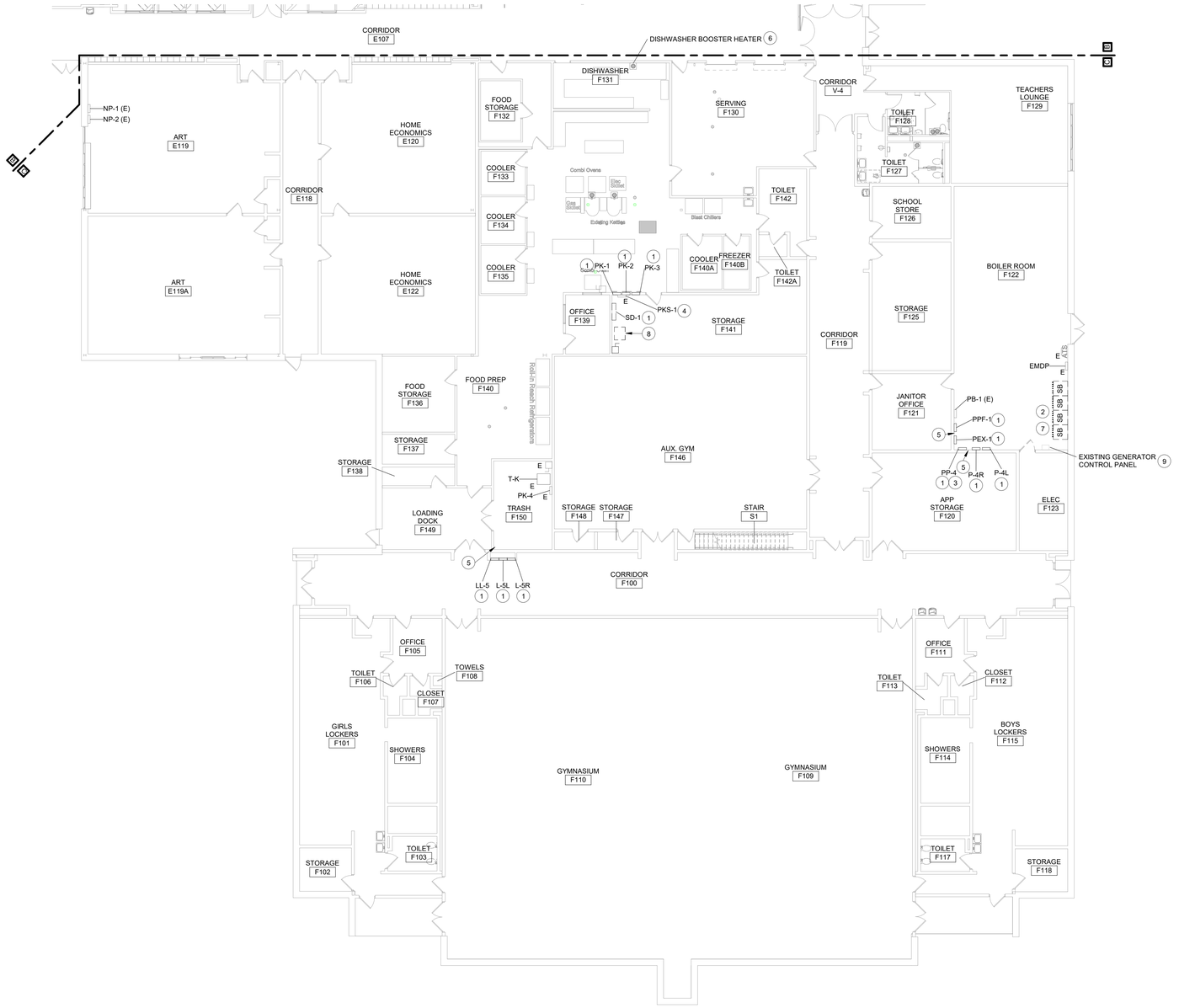
Ithaca, NY

Reconstruction to:
Boynton Middle School

First Floor Demolition Plan - Area B

Drawn By:	Date:	Drawing Number:
AEL	07/11//2025	BE101

Project No.: 214159-25001



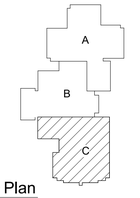
1 First Floor - Demolition Plan - Area C
3/32" = 1'-0"

Keyed Notes

1. DISCONNECT AND REMOVE ELECTRICAL PANEL. DISCONNECT BRANCH CIRCUITS, COIL AND LABEL WIRING FOR RECONNECTION TO REPLACEMENT PANEL. REMOVE PANEL FEEDERS BACK TO SOURCE PANEL/TRANSFORMER - REFER TO DEMOLITION RISER DIAGRAM ON SHEET BE700.
2. DISCONNECT AND REMOVE MAIN SWITCHBOARD. REMOVE SERVICE ENTRANCE CONDUCTORS TO EXTERIOR TRANSFORMER. CAP AND SEAL SERVICE ENTRANCE RACEWAY TO EXTERIOR. CONCRETE HOUSEKEEPING PAD TO REMAIN.
3. DISCONNECT AND REMOVE (2) CIRCUITS TO HV SWITCHGEAR CABINET HEATERS. REMOVE ASSOCIATED WIRING AND CONDUIT.
4. DISCONNECT PANEL PKS-1 FROM SUBFEED BREAKER ON PANEL PK-3. COIL AND PRESERVE FEEDERS FOR EXTENSION AND CONNECTION TO BREAKER IN REPLACEMENT PANEL SD-1.
5. DISCONNECT AND REMOVE TRANSFORMER. REMOVE FEEDERS BACK TO SOURCE. REFER TO RISER DIAGRAM ON SHEET BE700 FOR FULL DEMOLITION SCOPE. REMOVE AND DISCARD ASSOCIATED WALL-BRACKET.
6. DISCONNECT DISHWASHER BOOSTER HEATER FROM MAIN FUSED SWITCHBOARD. COIL AND PRESERVE WIRING FOR RECONNECTION TO BREAKER IN REPLACEMENT SWITCHBOARD.
7. DISCONNECT CHILLER CIRCUIT FROM MAIN FUSED SWITCHBOARD. COIL AND PRESERVE WIRING FOR RECONNECTION TO BREAKER IN REPLACEMENT SWITCHBOARD.
8. DISCONNECT AND REMOVE TRANSFORMER. REMOVE FEEDERS BACK TO SOURCE. MAINTAIN HOUSEKEEPING PAD.
9. MAINTAIN WIRING BETWEEN EXISTING GENERATOR CONTROL PANEL AND EXISTING ATS.

General Notes

1. REFER TO SHEET BE050 FOR GENERAL NOTES AND ASBESTOS AWARENESS NOTES.
2. REFER TO SHEET BE100 FOR DEMOLITION NOTES.



Key Plan
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S.E.D. Control No. 61-06-00-01-0-026-020

Rev. No.:	Date:	Description:

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Ithaca City School District
Ithaca, NY

Reconstruction to:
Boynton Middle School

First Floor Demolition Plan - Area C

Drawn By:	Date:	Drawing Number:
AEL	07/11//2025	BE102
Project No.: 214159-25001		

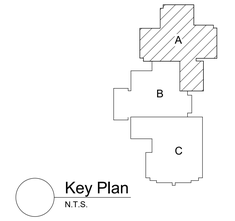
1 Second Floor Demolition Plan - Area A
3/32" = 1'-0"

Keyed Notes

1. DISCONNECT AND REMOVE ELECTRICAL PANEL. DISCONNECT BRANCH CIRCUITS, COIL AND LABEL WIRING FOR RECONNECTION TO REPLACEMENT PANEL. REMOVE PANEL FEEDERS BACK TO SOURCE PANEL/TRANSFORMER - REFER TO DEMOLITION RISER DIAGRAM ON SHEET BE700.
2. DISCONNECT AND REMOVE TRANSFORMER. REMOVE FEEDERS BACK TO SOURCE. REFER TO RISER DIAGRAM ON SHEET BE700 FOR FULL DEMOLITION SCOPE. MAINTAIN BRACKET FOR MOUNTING REPLACEMENT TRANSFORMER.

General Notes

1. REFER TO SHEET BE050 FOR GENERAL NOTES AND ASBESTOS AWARENESS NOTES.
2. REFER TO SHEET BE100 FOR DEMOLITION NOTES.



Key Plan
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S.E.D. Control No. 61-06-00-01-0-026-020

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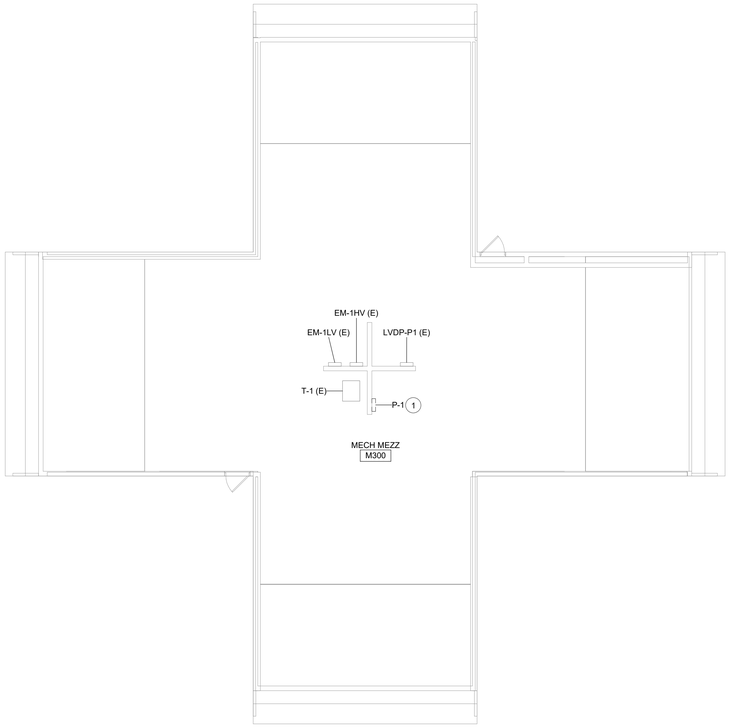
Ithaca, NY

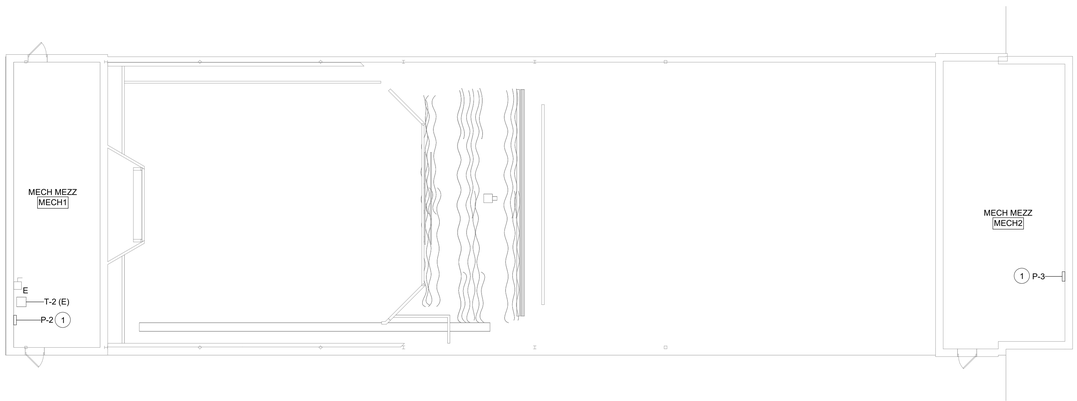
Reconstruction to:
Boynton Middle School

Second Floor Demolition Plan - Area A

Drawn By:	Date:	Drawing Number:
AEL	07/11//2025	BE103
Project No.: 214159-25001		



2 Roof Demolition Plan - Mechanical Mezzanine - Area A
1/8" = 1'-0"



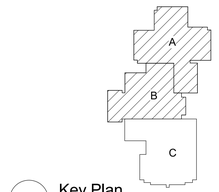
1 Second Floor - Demolition Plan - Area B
3/32" = 1'-0"

Keyed Notes

1. DISCONNECT AND REMOVE ELECTRICAL PANEL. DISCONNECT BRANCH CIRCUITS, COIL AND LABEL WIRING FOR RECONNECTION TO REPLACEMENT PANEL. REMOVE PANEL FEEDERS BACK TO SOURCE PANEL/TRANSFORMER - REFER TO DEMOLITION RISER DIAGRAM ON SHEET BE700.

General Notes

1. REFER TO SHEET BE050 FOR GENERAL NOTES AND ASBESTOS AWARENESS NOTES.
2. REFER TO SHEET BE100 FOR DEMOLITION NOTES.



Key Plan
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S.E.D. Control No. 61-06-00-01-0-026-020

Rev. No.:	Date:	Description:

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Ithaca, NY

Reconstruction to:
Boynton Middle School

Roof Demolition Plans - Areas A & B

Drawn By:	Date:	Drawing Number:
AEL	07/11//2025	BE104
Project No.: 214159-25001		

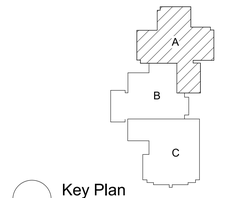
1 First Floor - Power & Communications Plan - Area A
3/32" = 1'-0"

Keyed Notes

1. PROVIDE ELECTRICAL PANEL. REFER TO SCHEDULE ON SHEET BE600 FOR PANEL DETAILS. PROVIDE FEEDERS TO PANEL FROM SOURCE PANEL OR TRANSFORMER AS INDICATED IN TABLE ON SHEET BE600. RECONNECT PROTECTED BRANCH CIRCUIT WIRING TO BREAKERS.
2. PROVIDE TRANSFORMER AS INDICATED ON RISER DIAGRAM AND IN TRANSFORMER REPLACEMENT TABLE ON SHEET BE600. CONNECT TO SOURCE BREAKER WITH INDICATED WIRE SIZING. INSTALL TRANSFORMER ON PRESERVED BRACKET. MODIFY BRACKET AS NEEDED TO ACCOMMODATE TRANSFORMER.

General Notes

1. REFER TO SHEET BE050 FOR GENERAL NOTES AND ASBESTOS AWARENESS NOTES.



Key Plan
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S.E.D. Control No. 61-06-00-01-0-026-020

Rev. No.:	Date:	Description:

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Ithaca, NY

Reconstruction to:
Boynton Middle School

First Floor Power Plan - Area A

Drawn By:	Date:	Drawing Number:
AEL	07/11/2025	BE160
Project No.: 214159-25001		

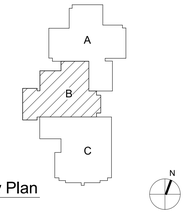
1 First Floor - Power & Communications Plan - Area B
3/32" = 1'-0"

Keyed Notes

1. PROVIDE ELECTRICAL PANEL. REFER TO SCHEDULE ON SHEET BE600 FOR PANEL DETAILS. PROVIDE FEEDERS TO PANEL FROM SOURCE PANEL OR TRANSFORMER AS INDICATED IN TABLE ON SHEET BE600. RECONNECT PROTECTED BRANCH CIRCUIT WIRING TO BREAKERS.
2. PROVIDE TRANSFORMER AS INDICATED ON RISER DIAGRAM AND IN TRANSFORMER REPLACEMENT TABLE ON SHEET BE600. CONNECT TO SOURCE BREAKER WITH INDICATED WIRE SIZING.
3. MOUNT TRANSFORMERS ON PRESERVED CEILING-HUNG BRACKET. MODIFY BRACKET AS NEEDED TO ACCOMMODATE TRANSFORMER.
4. CONNECT PRESERVED EMERGENCY STOP SWITCHES TO CONTACTORS PROVIDED FOR PANELS. REFER TO KEYED NOTE 1 ON BE600 AND DETAIL 7 ON BE500.
5. INSTALL TRANSFORMERS ON PRESERVED WALL-MOUNTED BRACKET. MODIFY BRACKET AS NEEDED TO ACCOMMODATE TRANSFORMER.
6. PROVIDE MOUNTING BRACKET FOR TRANSFORMER.

General Notes

1. REFER TO SHEET BE050 FOR GENERAL NOTES AND ASBESTOS AWARENESS NOTES.



Key Plan
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S.E.D. Control No. 61-06-00-01-0-026-020

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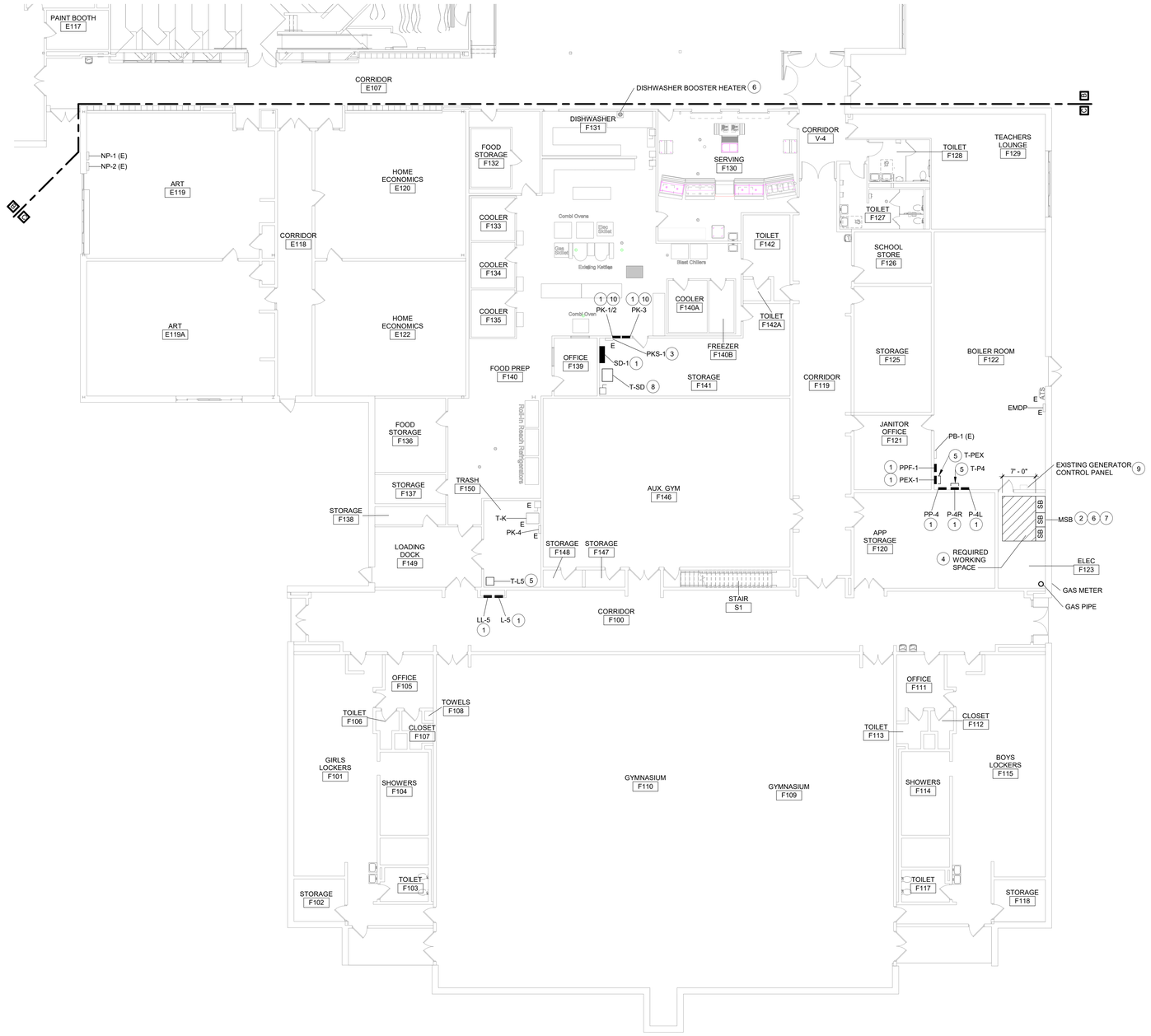
Ithaca City School District
Ithaca, NY

Reconstruction to:
Boynton Middle School

First Floor Power Plan - Area B

Drawn By:	Date:	Drawing Number:
AEL	07/11/2025	BE161

Project No.: 214159-25001



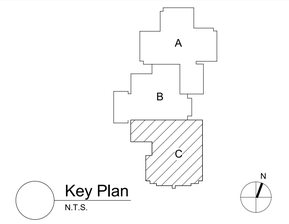
1 First Floor - Power & Communications Plan - Area C
3/32" = 1'-0"

Keyed Notes

1. PROVIDE ELECTRICAL PANEL. REFER TO SCHEDULE ON SHEET BE600 FOR PANEL DETAILS. PROVIDE FEEDERS TO PANEL FROM SOURCE PANEL OR TRANSFORMER AS INDICATED IN TABLE ON SHEET BE600. RECONNECT PROTECTED BRANCH CIRCUIT WIRING TO BREAKERS.
2. PROVIDE SWITCHBOARD WITH MAIN DISCONNECT AND DISTRIBUTION SECTIONS AS REQUIRED TO ACCOMMODATE BREAKERS. REFER TO SCHEDULE ON BE600 FOR SWITCHBOARD RATINGS AND FEEDER BREAKER SIZING. PROVIDE CONCRETE HOUSEKEEPING PAD.
3. REFEED PANEL PKS-1 FROM BREAKER IN PANEL SD-1. REFER TO KEYED NOTE 1 ON SHEET BE604. EXTEND/MODIFY WIRING AS NEEDED TO MAKE CONNECTION. ASSUME MIN (4) #1, #6G IN 1-1/2"C.
4. PER NEC 110.26(C)(2)(b), ONLY A SINGLE MEANS OF EGRESS FROM THE WORKING SPACE IS REQUIRED AS THE DEPTH OF THE WORKING SPACE IS AT LEAST TWICE THAT REQUIRED BY 110.26(A).
5. PROVIDE TRANSFORMER AS INDICATED ON RISER DIAGRAM AND IN TRANSFORMER REPLACEMENT TABLE ON SHEET BE600. CONNECT TO SOURCE BREAKER WITH INDICATED WIRE SIZING. PROVIDE MOUNTING BRACKETS AS REQUIRED FOR WALL-MOUNTING.
6. RECONNECT PROTECTED WIRING FOR DISHWASHER BOOSTER HEATER TO BREAKER IN MSB. REFER TO PANEL PANEL SCHEDULE ON BE600 FOR BREAKER SIZING. EXTEND/MODIFY WIRING AND RACEWAY AS NEEDED TO REACH BREAKER IN NEW SWITCHBOARD LOCATION.
7. RECONNECT PROTECTED WIRING FOR CHILLER TO BREAKER IN MSB. REFER TO PANEL PANEL SCHEDULE ON BE600 FOR BREAKER SIZING. EXTEND/MODIFY WIRING AND RACEWAY AS NEEDED TO REACH BREAKER IN NEW SWITCHBOARD LOCATION.
8. PROVIDE TRANSFORMER AS INDICATED ON RISER DIAGRAM AND IN TRANSFORMER REPLACEMENT TABLE ON SHEET BE600. CONNECT TO SOURCE BREAKER WITH INDICATED WIRE SIZING. INSTALL TRANSFORMER ON PRESERVED HOUSEKEEPING PAD.
9. RECONNECT EXISTING GENERATOR CONTROL PANEL TO GENERATORS WITH RS232 WIRING. REFER TO KEYED NOTE 11 ON DRAWING BC140.
10. PROVIDE SPARE 2" CONDUIT FROM PANEL, STUBBED UP ABOVE CEILING OR TO ACCESSIBLE JUNCTION BOX, FOR FUTURE CIRCUITS.

General Notes

1. REFER TO SHEET BE050 FOR GENERAL NOTES AND ASBESTOS AWARENESS NOTES.



Key Plan
N.T.S.

S.E.D. Control No. 61-06-00-01-0-026-020

Rev. No.:	Date:	Description:

Ithaca CITY SCHOOL DISTRICT

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Tetra Tech Engineers, Architects & Landscape Architects, P.C.

BID SET

TETRA TECH ARCHITECTS & ENGINEERS

Ithaca City School District
Ithaca, NY

Reconstruction to:
Boynton Middle School

First Floor Power Plan - Area C

Drawn By:	Date:	Drawing Number:
AEL	07/11//2025	BE162

Project No.:
214159-25001

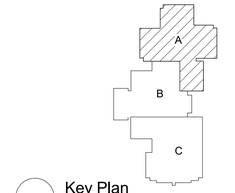
1 Second Floor - Power Plan - Area A
3/32" = 1'-0"

Keyed Notes

1. PROVIDE ELECTRICAL PANEL. REFER TO SCHEDULE ON SHEET BE600 FOR PANEL DETAILS. PROVIDE FEEDERS TO PANEL FROM SOURCE PANEL OR TRANSFORMER AS INDICATED IN TABLE ON SHEET BE600. RECONNECT PROTECTED BRANCH CIRCUIT WIRING TO BREAKERS.
2. PROVIDE TRANSFORMER AS INDICATED ON RISER DIAGRAM AND IN TRANSFORMER REPLACEMENT TABLE ON SHEET BE600. CONNECT TO SOURCE BREAKER WITH INDICATED WIRE SIZING. INSTALL TRANSFORMER ON PRESERVED BRACKET. MODIFY BRACKET AS NEEDED TO ACCOMMODATE TRANSFORMER.

General Notes

1. REFER TO SHEET BE050 FOR GENERAL NOTES AND ASBESTOS AWARENESS NOTES.



Key Plan
N.T.S.

S.E.D. Control No. 61-06-00-01-0-026-020

Rev. No.:	Date:	Description:

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TETRA TECH ARCHITECTS & ENGINEERS

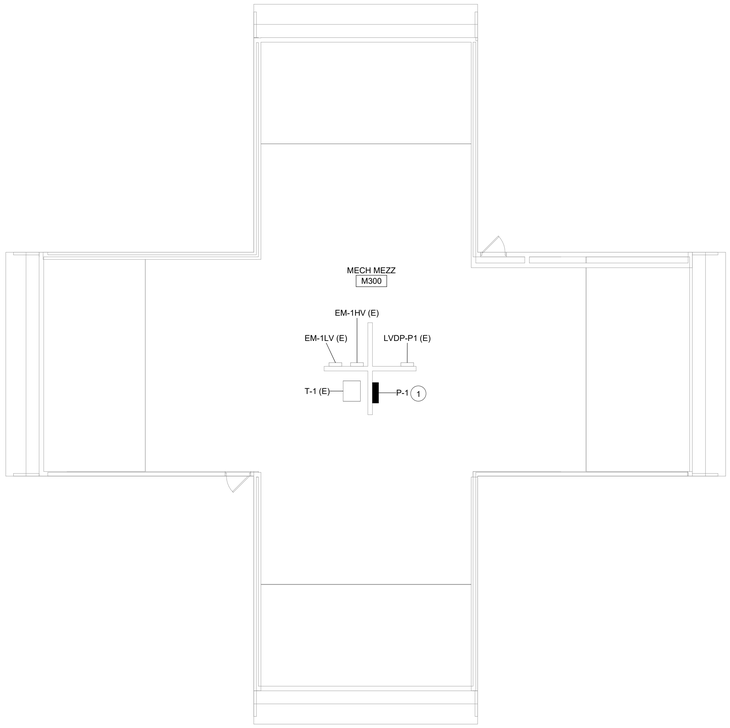
Ithaca City School District
Ithaca, NY

Reconstruction to:
Boynton Middle School

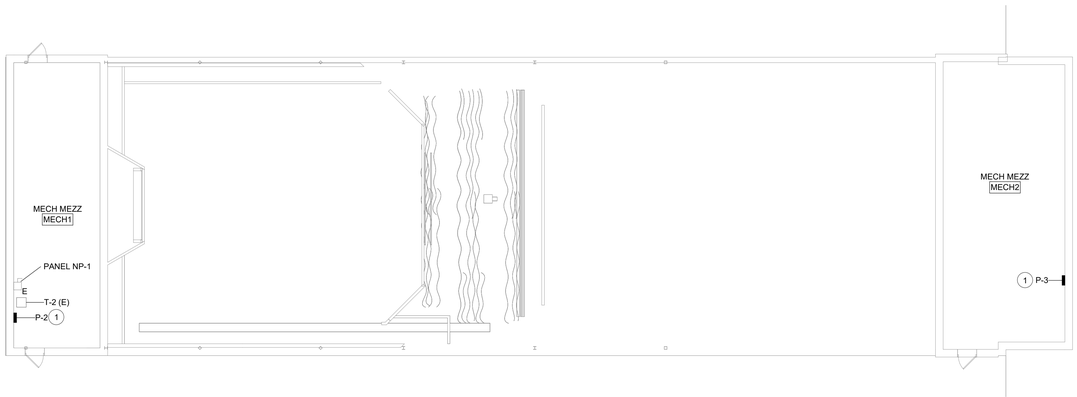
Second Floor Power Plan - Area A

Drawn By:	Date:	Drawing Number:
AEL	07/11//2025	BE163

Project No.: 214159-25001



2 Roof Power Plan - Mechanical Mezzanine - Area A
1/8" = 1'-0"



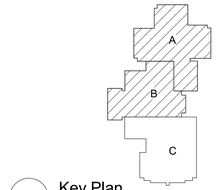
1 Roof Power Plan - Mechanical Mezzanines - Area B
3/32" = 1'-0"

Keyed Notes

1. PROVIDE ELECTRICAL PANEL. REFER TO SCHEDULE ON SHEET BE600 FOR PANEL DETAILS. PROVIDE FEEDERS TO PANEL FROM SOURCE PANEL OR TRANSFORMER AS INDICATED IN TABLE ON SHEET BE600. RECONNECT PROTECTED BRANCH CIRCUIT WIRING TO BREAKERS.

General Notes

1. REFER TO SHEET BE050 FOR GENERAL NOTES AND ASBESTOS AWARENESS NOTES.



Key Plan
N.T.S.

S.E.D. Control No. 61-06-00-01-0-026-020

Rev. No.:	Date:	Description:

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ARCHITECTS & ENGINEERS

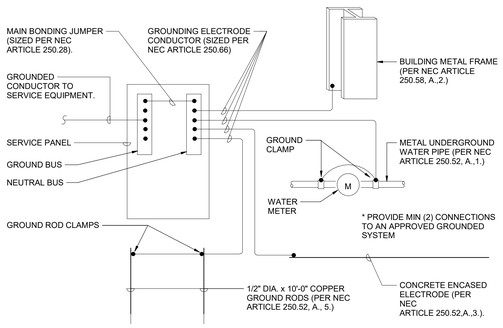
Ithaca City School District
Ithaca, NY

Reconstruction to:
Boynton Middle School

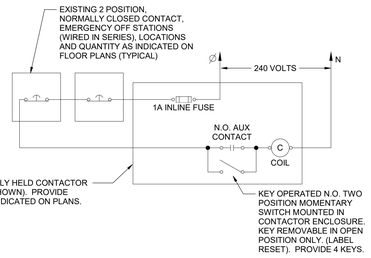
Roof Power Plans - Areas A & B

Drawn By:	Date:	Drawing Number:
AEL	07/11/2025	BE164

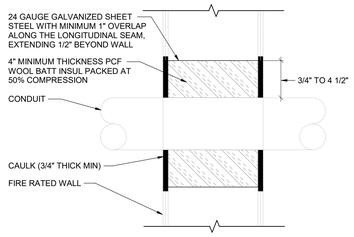
Project No.:
214159-25001



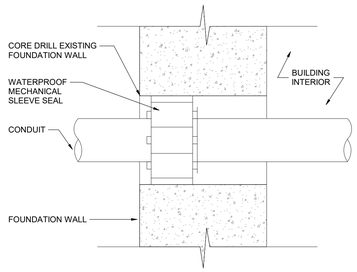
6 Typical System Grounding Connection
NTS



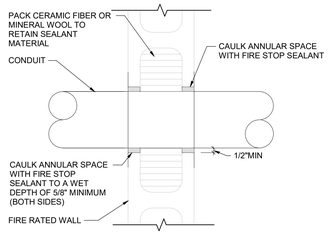
7 Emergency Shut-Off System Wiring Diagram
NTS



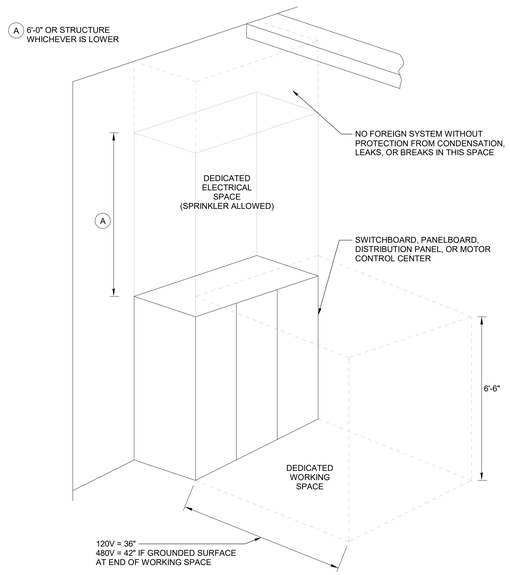
3 Fire Rated Metal Stud Conduit Penetration Detail
NTS



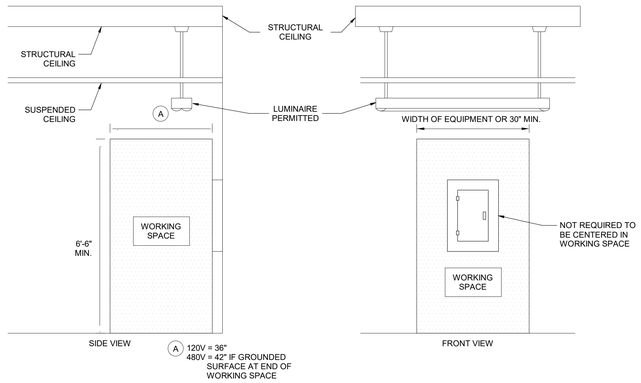
4 Existing Foundation Penetration Detail
NTS



5 Fire Rated CMU Wall Conduit Penetration Detail
NTS



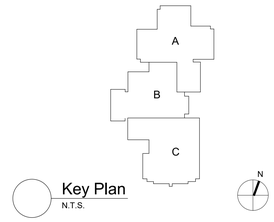
1 Working Space/Dedicated Space at Panelboard
NTS



2 Working Space/ Dedicated Space at Panelboard
NTS

General Notes

1. REFER TO SHEET BE050 FOR GENERAL NOTES AND ASBESTOS AWARENESS NOTES.
2. DETAILS APPLY TO WORK AT BOTH BOYNTON AND DEWITT BUILDINGS.



Key Plan
N.T.S.

S.E.D. Control No. 61-06-00-01-0-026-020

Rev. No.:	Date:	Description:

Ithaca City School District

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BID SET

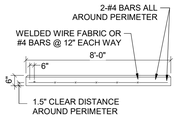
TETRA TECH ARCHITECTS & ENGINEERS

Ithaca City School District
Ithaca, NY

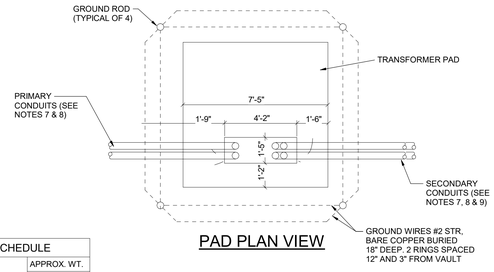
Reconstruction to:
Boynton Middle School

Details

Drawn By:	Date:	Drawing Number:
TTAE	07/11/2025	BE500
Project No.: 214159-25001		

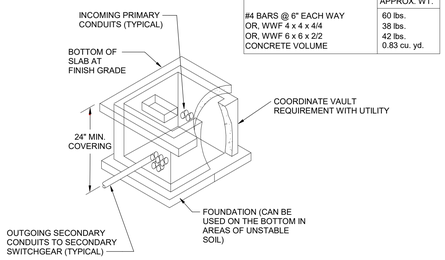


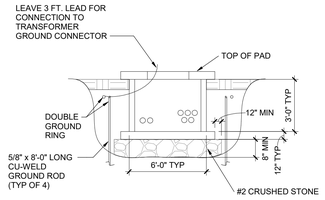
PAD ELEVATION



PAD PLAN VIEW

REINFORCING SCHEDULE	
	APPROX. WT.
#4 BARS @ 6" EACH WAY	60 lbs.
OR, WWF 4 x 4 x 4/4	38 lbs.
OR, WWF 6 x 6 x 2/2	42 lbs.
CONCRETE VOLUME	0.83 cu. yd.



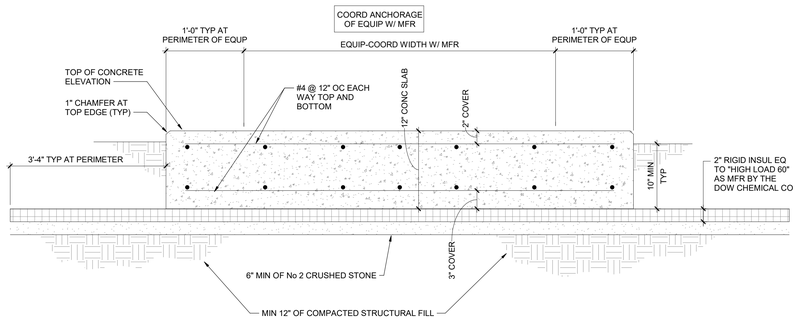


SIDE VIEW

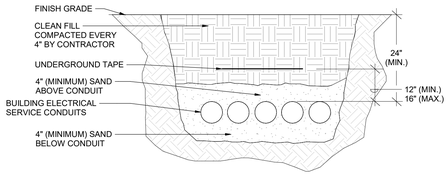
INSTALLATION NOTES:

1. EXCAVATION AREA: 11' X 11' X 4'-2".
2. INSTALL PRECAST FOOTING AND FOUNDATION (WHERE APPLICABLE).
3. INSTALL CONDUITS AND SEAL ENTRANCES WITH GROUT.
4. INSTALL PLUGS AND CAPS ON ALL UNUSED CONDUIT ENTRANCES.
5. BACKFILL AROUND OUTSIDE OF FOUNDATION WITH CLEAN FILL, MECHANICALLY COMPACT EVERY 12". BACKFILL SHALL BE WELL TAMPED.
6. INSTALL (5/8"x8' LONG COPPER GROUND RODS DRIVEN FLUSH WITH TOP OF FOOTING (6'-0" APART).
7. DIRECTION OF CONDUIT TO BE DETERMINED BY FIELD APPLICATION.
8. METALLIC PRIMARY AND SECONDARY CONDUITS, WHEN USED, SHALL BE GROUNDED USING GROUNDING BUSHINGS CONNECTED TO THE GROUND RING.
9. REFER TO DRAWING FOR NUMBER AND SIZE OF SECONDARY CONDUITS.
10. FINISH GRADE SHALL SLOPE AWAY FROM BUILDINGS.
11. 4000 PSI CONCRETE AT 28 DAYS.
12. WELDED WIRE FABRIC - ASTM A-185.
13. DEFORMED BARS - ASTM A-615, GRADE 40.
14. TOP SURFACE SHALL BE SMOOTH FINISHED.
15. 3/4" CHAMFER ALL EXPOSED EDGES, INCLUDING OPENING.
16. COORDINATE ALL VAULT, PAD, CONDUCTOR, AND CONDUIT REQUIREMENTS WITH UTILITY.

4 Typical Transformer Vault and Pad Detail
NTS



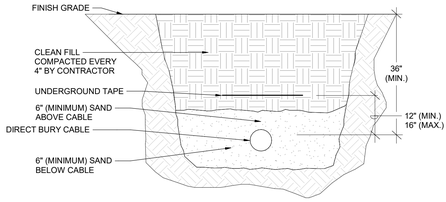
5 Typical Exterior Equipment Pad
NTS



NOTE:
BURIAL DEPTHS AND CONDUIT SPACING SHALL CONFORM TO NEC AND UTILITY COMPANY REQUIREMENTS.

NOTE:
REFER TO EARTHWORK AND TRENCHING SPECIFICATIONS SECTIONS FOR FILL REQUIREMENTS.

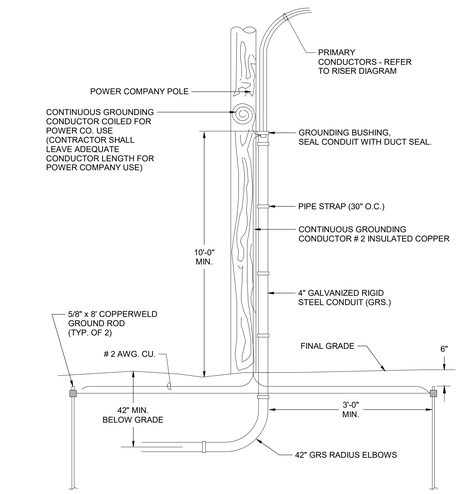
1 Building Service Conduit Trench Detail
NTS



NOTE:
BURIAL DEPTHS AND CABLE SPACING SHALL CONFORM TO NEC AND UTILITY COMPANY REQUIREMENTS.

NOTE:
REFER TO EARTHWORK AND TRENCHING SPECIFICATIONS SECTIONS FOR FILL REQUIREMENTS.

2 Primary Service Trench Detail
NTS

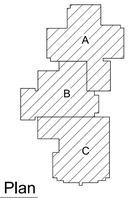


NOTE:
1. STUB UP SPARE 4" CONDUIT 24" ABOVE FINISHED GRADE AND CAP WATERTIGHT.
2. COORDINATE ALL INSTALLATION REQUIREMENTS WITH UTILITY.

3 Steel Conduit Riser at Power Company Pole
NTS

General Notes

1. REFER TO SHEET BE050 FOR GENERAL NOTES AND ASBESTOS AWARENESS NOTICES.
2. DETAILS APPLY TO WORK AT BOTH BOYNTON AND DEWITT BUILDINGS.



Key Plan
N.T.S.

S.E.D. Control No. 61-06-00-01-0-026-020

Rev. No.:	Date:	Description:

Ithaca City School District

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Tetra Tech Engineers, Architects & Landscape Architects, P.C.

BID SET

TETRA TECH ARCHITECTS & ENGINEERS

Ithaca City School District
Ithaca, NY

Reconstruction to:
Boynton Middle School

Details

Drawn By:	Date:	Drawing Number:
AEL	07/11//2025	BE501
Project No.: 214159-25001		

PANELBOARD: EMDP

Location: BOILER ROOM F122 Surface **MOUNTED** **SYM. A.I.C....** **ENCLOSURE TYPE** Type 1

AMP MAIN (LUGS) OR 1 A **AMP MAIN BREAKER WITH** 1 A **AMP TRIP**

SE LABEL

480Y/277V VOLTS 3 **PHASE** 4 **WIRE** 60 **HERTZ** 100 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1								0 VA	0 VA												2
3	3	60 A					PANEL EM-1HV (E)			0 VA	0 VA			PANEL L-3					175 A	3	4
5												0 VA	0 VA								6
7								0 VA	0 VA												8
9	3	125 A					PAENL L-5			0 VA	0 VA			PANEL P-2					125 A	3	10
11												0 VA	0 VA								12
13								0 VA	0 VA												14
15	3	125 A					PANEL L-4			0 VA	0 VA			PANEL P-3					150 A	3	16
17												0 VA	0 VA								18
19								15131...	0 VA												20
21	3	80 A					STEAM KETTLE #1			15131...	0 VA			T-SD					300 A	3	22
23												15131...	0 VA								24
25								13053...	0 VA					PANEL SD-1	--	--	--	--	300 A	1	26
27	3	60 A					STEAM KETTLE #2			13053...	0 VA			MAIN BREAKER	--	--	--	--	800 A	1	28
29												13053...	0 VA	MAIN BREAKER	--	--	--	--	800 A	1	30
31								0 VA	0 VA					MAIN BREAKER	--	--	--	--	800 A	1	32
33	3	125 A					PANEL P-4L			0 VA	0 VA			MAIN BREAKER	--	--	--	--	800 A	1	34
35												0 VA	0 VA	MAIN BREAKER	--	--	--	--	800 A	1	36
37								0 VA	0 VA					MAIN BREAKER	--	--	--	--	800 A	1	38
39	3	50 A					PANEL PEX-1			0 VA	--			SPACE	--	--	--	--	--	1	40
41												0 VA	--	SPACE	--	--	--	--	--	1	42
							TOTAL CONNECTED LOAD PER PHASE...	28184 VA		28184 VA		28184 VA									

* -GFCI BREAKER ** -SHUNT TRIP BREAKER

A **B** **C**

TOTAL CONNECTED LOAD: 102 A

TOTAL CONNECTED LOAD: 84.552 kVA

 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

SUPPLIED FROM: ATS

NOTE: PANEL SCHEDULE IS PROVIDED FOR REFERENCE ONLY. PANEL, AND ITS BREAKERS, ARE EXISTING TO REMAIN.

Switchboard: MSB

Location: METER ROOM F123
Supply From:
Mounting: PAD
Enclosure: NEMA 1

Volts: 480Y/277V
Phases: 3
Wires: 4

A.I.C. Rating: MIN 22,000
Mains Type: BREAKER
Mains Rating: 2000 A
MCB Rating: 2000 A

Notes:

CKT	Circuit Description	# of Poles	Frame Size	Trip Rating	Remarks
1	PANEL L-1A	3	400 A	125 A	
2	PANEL L-2A	3	400 A	200 A	
3	PANEL L-1	3	400 A	125 A	
4	PANEL L-2	3	400 A	125 A	
5	PANEL P-1	3	400 A	400 A	
6	ATS-PANEL EMDP	3	800 A	800 A	
7	XMFR T-K/PANEL PK-4	3	400 A	250 A	
8	D/W BOOSTER HEATER	3	400 A	100 A	
9	CHILLER CH-1	3	400 A	350 A	
10	XFMRS T-PS1/T-PS2/T-PS3 (SHOP PANELS)	3	400 A	200 A	
11	SPARE	3	400 A	200 A	
12	SPARE	3	400 A	100 A	
13					
14					
15					
16					
17					
18					
19					
20					

Legend:

Notes:

Panel ID	Floor	Area	Room	Mounting Type	Voltage (Phase-No. Wires)	Bus Rating	Type (MLO or MB)	MCB Rating	Minimum Panel AIC (kA)	Source Panel/Transformer	Source Breaker	Feeder Size	No. of Spaces
L-1A	First	A	Corridor A100	Recessed	480Y/277V (3Ph-4W)	125A	MB	125A	10	MSB	125A-3P	(4) #1, #6G in 1-1/2"C	30
LL-1A	First	A	Corridor A100	Recessed	208Y/120V (3Ph-4W)	100A	MLO	-	10	T-L1A	-	(4) #6, #10G in 1"C	30
L-2A	First	A	Corridor C100	Recessed	480Y/277V (3Ph-4W)	250A	MB	200A	10	MSB	200A-3P	(4) #3/0, #6G in 2"C	42
LL-2A	First	A	Corridor C100	Recessed	208Y/120V (3Ph-4W)	225A	MLO	-	10	T-L2A	-	(4) #2/0, #6G in 2"C	42
LS-2	First	A	Corridor E109	Recessed	208Y/120V (3Ph-4W)	100A	MLO	-	10	LL-2A	70A-3P	(4) #4, #8G in 1-1/4"C	30
L-3	First	B	Cafeteria E108	Recessed	480Y/277V (3Ph-4W)	250A	MB	175A	10	EMDP	175A-3P	(4) #2/0, #6G in 2"C	30
LL-3	First	B	Cafeteria E108	Recessed	208Y/120V (3Ph-4W)	225A	MLO	-	10	T-L3	-	(4) #2/0, #6G in 2"C	42
(2) L-4	First	B	Corridor E107	Recessed	480Y/277V (3Ph-4W)	250A	MB	150A	10	EMDP	125A-3P	(4) #1, #6G in 1-1/2"C	42
LL-4	First	B	Corridor E107	Recessed	208Y/120V (3Ph-4W)	225A	MB	150A	10	T-L4	-	(4) #2/0, #6G in 2"C	42
PS-1L	First	B	Wood Shop E116	Surface	240/120V (1Ph-3W)	100A	MB	80A	10	T-PS2	-	(3) #4, #8G in 1"C	30
(1) PS-1R	First	B	Wood Shop E116	Surface	240D/120V (3Ph-3W)	125A	MB	100A	10	T-PS1	-	(3) #2, #8G in 1-1/4"C	30
PS-2L	First	B	Metal Shop E110	Surface	240D/120V (3Ph-3W)	125A	MB	100A	10	T-PS1	-	(3) #2, #8G in 1-1/4"C	30
PS-2R	First	B	Metal Shop E110	Surface	240/120V (1Ph-3W)	100A	MB	80A	10	T-PS2	-	(3) #4, #8G in 1"C	30
P-4L	First	C	Boiler Room F122	Surface	480Y/277V (3Ph-4W)	250A	MLO	-	10	EMDP	125A-3P	(4) #1, #6G in 1-1/2"C	42
P-4R	First	C	Boiler Room F122	Surface	480Y/277V (3Ph-4W)	250A	MLO	-	10	P-4L	SUBFEED	(4) #1, #6G in 1-1/2"C	30
PP-4	First	C	Boiler Room F122	Surface	208Y/120V (3Ph-4W)	100A	MLO	-	10	T-P4	-	(4) #6, #10G in 1"C	30
PEX-1	First	C	Boiler Room F122	Surface	480Y/277V (3Ph-4W)	125A	MLO	-	10	EMDP	50A-3P	(4) #6, #10G in 1"C	18
PPF-1	First	C	Boiler Room F122	Surface	208Y/120V (3Ph-4W)	100A	MLO	-	10	T-PEX	-	(4) #6, #10G in 1"C	18
SD-1	First	C	Storage F141	Surface	208Y/120V (3Ph-4W)	800A	MB	800A	10	T-SD	-	(2) SETS OF (4) 350KCMIL, #1/0G in 3"C	36" BUSBAR
(2) PK-1/2	First	C	Food Prep F140	Recessed	208Y/120V (3Ph-4W)	400A	MLO	-	10	SD-1	400A-3P	(2) SETS OF (4)#3/0, #2G in 2"C	84
PK-3	First	C	Food Prep F140	Recessed	208Y/120V (3Ph-4W)	400A	MLO	-	10	SD-1	400A-3P	(2) SETS OF (4)#3/0, #2G in 2"C	54
(2) L-5	First	C	Corridor F100	Recessed	480Y/277V (3Ph-4W)	250A	MB	150A	10	EMDP	125A-3P	(4) #1, #6G in 1-1/2"C	42
LL-5	First	C	Corridor F100	Recessed	208Y/120V (3Ph-4W)	225A	MLO	-	10	T-L5	-	(4) #2/0, #6G in 2"C	42
L-1	Second	A	Corridor A200	Recessed	480Y/277V (3Ph-4W)	125A	MB	125A	10	MSB	125A-3P	(4) #1, #6G in 1-1/2"C	30
LL-1	Second	A	Corridor A200	Recessed	208Y/120V (3Ph-4W)	100A	MLO	-	10	T-L1	-	(4) #6, #10G in 1"C	30
L-2	Second	A	Corridor C200	Recessed	480Y/277V (3Ph-4W)	125A	MB	125A	10	MSB	125A-3P	(4) #1, #6G in 1-1/2"C	30
LL-2	Second	A	Corridor C200	Recessed	208Y/120V (3Ph-4W)	225A	MLO	-	10	T-L2	-	(4) #2/0, #6G in 2"C	42
LS-1	Second	A	Corridor D216	Recessed	208Y/120V (3Ph-4W)	100A	MLO	-	10	LL-2	70A-3P	(4) #4, #8G in 1-1/4"C	30
P-1	Roof	A	Mechanical Mezzanine M300	Surface	480Y/277V (3Ph-4W)	600A	MB	600A	10	MSB	400A-3P	(2) SETS OF (4)#3/0, #2G in 3"C	72" BUSBAR
P-2	Roof	B	Mechanical Mezzanine MECH1	Surface	480Y/277V (3Ph-4W)	125A	MB	125A	10	EMDP	125A-3P	(4) #1, #6G in 1-1/2"C	30
P-3	Roof	B	Mechanical Mezzanine MECH2	Surface	480Y/277V (3Ph-4W)	250A	MB	150A	10	EMDP	150A-3P	(4) #1/0, #6G in 1-1/2"C	30

NOTE: REFER TO SHEETS BE601 THROUGH BE605 FOR BREAKER INVENTORY FOR PANELS SCHEDULED FOR REPLACEMENT.

1 Panel Replacement Schedule
NTS

Name	Primary Voltage (V)	Secondary Voltage (V)	Phase	Rating (kVA)	Source Panel	Source Breaker	Feeder Size	Mounting Type	Ground Wire Size
T-L1A	480Y	208Y/120	3	15	L-1A	25A-3P	(3) #10, #10G in 3/4"C	Wall Bracket	#8
T-L2A	480Y	208Y/120	3	45	L-2A	70A-3P	(3) #4, #8G in 1"C	Wall Bracket	#4
T-L1	480Y	208Y/120	3	15	L-1	25A-3P	(3) #10, #10G in 3/4"C	Wall Bracket	#8
T-L2	480Y	208Y/120	3	45	L-2	70A-3P	(3) #4, #8G in 1"C	Wall Bracket	#4
T-L3	480Y	208Y/120	3	45	L-3	70A-3P	(3) #4, #8G in 1"C	Wall Bracket	#4
T-L4	480Y	208Y/120	3	45	L-4	70A-3P	(3) #4, #8G in 1"C	Wall Bracket	#4
T-L5	480Y	208Y/120	3	45	L-5	70A-3P	(3) #4, #8G in 1"C	Wall Bracket	#4
T-P4	480Y	208Y/120	3	15	P-4	25A-3P	(3) #10, #10G in 3/4"C	Wall Bracket	#8
T-PEX	480Y	208Y/120	3	15	PEX-1	25A-3P	(3) #10, #10G in 3/4"C	Wall Bracket	#8
T-PS1	480Y	240D	3	75	MSB	200A-3P	(3) #1, #6G in 1-1/4"C	Ceiling-hung Bracket	#4
T-PS2	480	240/120	1	25			(2) #6, #10G in 3/4"C	Ceiling-hung Bracket	#4
T-SD	480Y	208Y/120	3	225	EMDP	300A-3P	(3) 350kcmil, #2G in 3"C	Pad Mount	#2/0

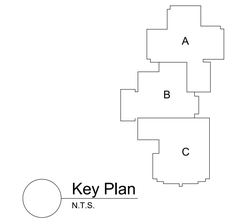
2 Transformer Schedule
NTS

Keyed Notes

1. PROVIDE PANEL WITH ELECTRICALLY HELD CONTACTOR FOR PANEL. CONNECT TO EXISTING EMERGENCY STOP BUTTONS WITHIN EACH ROOM CONTAINING THE PANEL. EXTEND/MODIFY WIRING AS NECESSARY TO PROVIDE OPERATION OF SYSTEM.
2. SINGLE PANEL IS BEING PROVIDED IN PLACE OF (2) SEPARATE PANELS. MODIFY BRANCH WIRING AS NEEDED FOR RELOCATION OF BRANCH CIRCUIT OVERCURRENT PROTECTION INTO SINGLE ENCLOSURE.

General Notes

1. REFER TO SHEET BE050 FOR GENERAL NOTES AND ASBESTOS AWARENESS NOTES.



Key Plan
N.T.S.

S.E.D. Control No. 61-06-00-01-0-026-020

Rev. No.:	Date:	Description:

Ithaca City School District

complex world | CLEAR SOLUTIONS

Tetra Tech Engineers, Architects & Landscape Architects, P.C.

BID SET

TETRA TECH ARCHITECTS & ENGINEERS

Ithaca City School District
Ithaca, NY

Reconstruction to:
Boynton Middle School

Schedules

Drawn By: AEL
Date: 07/11/2025
Project No.: 214159-25001
Drawing Number: BE600

PANELBOARD: LL-2A

Location: CORRIDOR C100 | Recessed **MOUNTED** | 22k **SYM. A.I.C....** | **ENCLOSURE TYPE** Type 1

225 A **AMP MAIN (LUGS) OR** ____ **AMP MAIN BREAKER WITH** ____ **AMP TRIP**

SE LABEL ____

208Y/120V **VOLTS** | 3 **PHASE** | 4 **WIRE** | 60 **HERTZ** | 225 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	4
5	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	6
7	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	8
9	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	10
11	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	12
13	1	--	--	--	--	--	SPACE	--	0 VA					EXG LOAD	--	--	--	--	20 A	1	14
15	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	16
17	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	18
19	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	20
21	2	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	2	22
23												0 VA	0 VA								24
25								0 VA	0 VA												26
27	3	70 A					PANEL LS-2			0 VA	0 VA			EXG LOAD	--	--	--	--	40 A	3	28
29												0 VA	0 VA								30
31	1	20 A	--	--	--	--	SPARE	0 VA	0 VA					SPARE	--	--	--	--	20 A	1	32
33	1	20 A	--	--	--	--	SPARE			0 VA	0 VA			SPARE	--	--	--	--	20 A	1	34
35	1	20 A	--	--	--	--	SPARE					0 VA	0 VA	SPARE	--	--	--	--	20 A	1	36
37	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	38
39	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	40
41	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	42
TOTAL CONNECTED LOAD PER PHASE...								0 VA		0 VA		0 VA									
*** -GFCI BREAKER** **** -SHUNT TRIP BREAKER**								**A**		**B**		**C**									

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

SUPPLIED FROM: T-L2A

PANELBOARD: LS-2

Location: CORRIDOR-2 E109I-2 | Recessed **MOUNTED** | 22k **SYM. A.I.C....** | **ENCLOSURE TYPE** Type 1

100 A **AMP MAIN (LUGS) OR** ____ **AMP MAIN BREAKER WITH** ____ **AMP TRIP**

SE LABEL ____

208Y/120V **VOLTS** | 3 **PHASE** | 4 **WIRE** | 60 **HERTZ** | 100 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	4
5	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	6
7	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	8
9	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	10
11	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	12
13	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	14
15	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	16
17	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	18
19	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	20
21	2	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	2	22
23												0 VA	0 VA								24
25								0 VA	0 VA												26
27	3	50 A	--	--	--	--	T-L3			0 VA	0 VA			EXG LOAD	--	--	--	--	40 A	3	28
29												0 VA	0 VA								30
31	1	20 A	--	--	--	--	SPARE	0 VA	0 VA					SPARE	--	--	--	--	20 A	1	32
33	1	20 A	--	--	--	--	SPARE			0 VA	0 VA			SPARE	--	--	--	--	20 A	1	34
35	1	20 A	--	--	--	--	SPARE					0 VA	0 VA	SPARE	--	--	--	--	20 A	1	36
37	1	20 A	--	--	--	--	SPARE	--	--					SPARE	--	--	--	--	--	1	38
39	1	20 A	--	--	--	--	SPARE			--	--			SPARE	--	--	--	--	--	1	40
41	1	20 A	--	--	--	--	SPARE					--	--	SPARE	--	--	--	--	--	1	42
TOTAL CONNECTED LOAD PER PHASE...								0 VA		0 VA		0 VA									
*** -GFCI BREAKER** **** -SHUNT TRIP BREAKER**								**A**		**B**		**C**									

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

SUPPLIED FROM: LL-2A

PANELBOARD: L-3

Location: CAFETERIA-2 E108-2 | Recessed **MOUNTED** | ____ **SYM. A.I.C....** | **ENCLOSURE TYPE** Type 1

____ **AMP MAIN (LUGS) OR** 175 A **AMP MAIN BREAKER WITH** 175 A **AMP TRIP**

SE LABEL ____

480Y/277V **VOLTS** | 3 **PHASE** | 4 **WIRE** | 60 **HERTZ** | 250 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	4
5	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	6
7	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	8
9	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	10
11	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	12
13	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	14
15	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	16
17	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	18
19	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	20
21	3	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	70 A	3	22
23												0 VA	0 VA								24
25	1	20 A	--	--	--	--	SPARE	0 VA	0 VA					SPARE	--	--	--	--	20 A	3	26
27	1	20 A	--	--	--	--	SPARE			0 VA	0 VA			SPARE	--	--	--	--	20 A	3	28
29	1	20 A	--	--	--	--	SPARE					0 VA	0 VA	SPARE	--	--	--	--	20 A	3	30
TOTAL CONNECTED LOAD PER PHASE...								0 VA		0 VA		0 VA									
*** -GFCI BREAKER** **** -SHUNT TRIP BREAKER**								**A**		**B**		**C**									

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

SUPPLIED FROM: EMDP

PANELBOARD: L-1A

Location: CORRIDOR A100 | Recessed **MOUNTED** | ____ **SYM. A.I.C....** | **ENCLOSURE TYPE** Type 1

____ **AMP MAIN (LUGS) OR** 125 A **AMP MAIN BREAKER WITH** 125 A **AMP TRIP**

SE LABEL ____

480Y/277V **VOLTS** | 3 **PHASE** | 4 **WIRE** | 60 **HERTZ** | 125 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	4
5	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	6
7	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	8
9	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	10
11	1	20 A	--	--	--	--	SPARE					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	12
13	1	20 A	--	--	--	--	SPARE	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	14
15										0 VA	0 VA										16
17	3	20 A	--	--	--	--	SPARE					0 VA	0 VA	T-L1A					25 A	3	18
19								0 VA	0 VA												20
21	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	22
23	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	24
25	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	26
27	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	28
29	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	30
TOTAL CONNECTED LOAD PER PHASE...								0 VA		0 VA		0 VA									
*** -GFCI BREAKER** **** -SHUNT TRIP BREAKER**								**A**		**B**		**C**									

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

SUPPLIED FROM: MSB

PANELBOARD: LL-1A

Location: CORRIDOR A100 | Recessed **MOUNTED** | 22,000 **SYM. A.I.C....** | **ENCLOSURE TYPE** Type 1

100 A **AMP MAIN (LUGS) OR** ____ **AMP MAIN BREAKER WITH** ____ **AMP TRIP**

SE LABEL ____

208Y/120V **VOLTS** | 3 **PHASE** | 4 **WIRE** | 60 **HERTZ** | 100 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	4
5	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	6
7	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	8
9	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	10
11	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	12
13	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	14
15	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	16
17	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	18
19	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD							20
21	2	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA				--	--	--	--	20 A	2	22
23												0 VA	0 VA								24
25	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD							26
27	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA				--	--	--	--	60 A	3	28
29	1	20 A	--	--	--	--	SPARE					0 VA	0 VA	SPARE	--	--	--	--	20 A	1	30
TOTAL CONNECTED LOAD PER PHASE...								0 VA		0 VA		0 VA									
*** -GFCI BREAKER** **** -SHUNT TRIP BREAKER**								**A**		**B**		**C**									

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

SUPPLIED FROM: T-L1A

PANELBOARD: L-2A

Location: CORRIDOR C100 | Recessed **MOUNTED** | ____ **SYM. A.I.C....** | **ENCLOSURE TYPE** Type 1

____ **AMP MAIN (LUGS) OR** 200 A **AMP MAIN BREAKER WITH** 200 A **AMP TRIP**

SE LABEL ____

480Y/277V **VOLTS** | 3 **PHASE** | 4 **WIRE** | 60 **HERTZ** | 250 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	4
5	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	6
7	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	8
9	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	10
11	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	12
13	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	14
15	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	16
17	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	18
19	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	20
21	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	22
23												0 VA	0 VA								24
25	3	50 A	--	--	--	--	EXG LOAD	0 VA	0 VA					T-L2A					70 A	3	26
27										0 VA	0 VA										28
29	1	20 A	--	--	--	--	SPARE					0 VA	0 VA								30
31	1	20 A	--	--	--	--	SPARE	0 VA	0 VA					SPARE	--	--	--	--	20 A	3	32
33	1	--	--	--	--	--	SPACE			--	0 VA										34
35	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	36
37	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	38
39	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	40
41	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	42
TOTAL CONNECTED LOAD PER PHASE...								0 VA		0 VA		0 VA									
*** -GFCI BREAKER** **** -SHUNT TRIP BREAKER**								**A**		**B**		**C**									

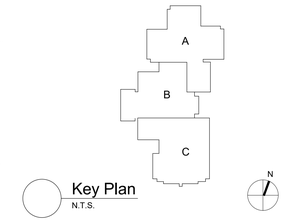
TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

SUPPLIED FROM: MSB

General Notes

1. REFER TO SHEET BE050 FOR GENERAL NOTES AND ASBESTOS AWARENESS NOTES.
2. PANEL SCHEDULES ARE PROVIDED TO INDICATE BREAKER SIZING WITHIN EACH PANEL. CONTRACTOR IS RESPONSIBLE FOR TRACING CIRCUITS AND PROVIDING UPDATED, TYPEWRITTEN PANEL SCHEDULES FOR ALL REPLACEMENT PANELS. WHERE A BREAKER IS FOUND TO NOT BE IN USE, LABEL AS SPARE AND LEAVE IN THE OFF POSITION. MAINTAIN ALL EXISTING PANEL SCHEDULES FROM DEMOLISHED PANELS - ADD PANEL IDENTIFICATION TO SCHEDULE AND TURN OVER TO OWNER FOR HISTORICAL RECORD.



Key Plan
N.T.S.

S.E.D. Control No. 61-06-00-01-0-026-020

Rev. No.:	Date:	Description:

Ithaca City School District

complex world | CLEAR SOLUTIONS

Tetra Tech Engineers, Architects & Landscape Architects, P.C.

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

Ithaca City School District
Ithaca, NY

Reconstruction to:
Boynton Middle School

Panel Schedules

Drawn By:	Date:	Drawing Number:
Author	07/11//2025	BE601

Project No.: 214159-25001

PANELBOARD: PS-1L

Location: STORAGE E115 — Surface **MOUNTED** — **SYM. A.I.C....** — **ENCLOSURE TYPE** Type 1

AMP MAIN (LUGS) OR 100 **AMP MAIN BREAKER WITH** 80 **AMP TRIP**

SE LABEL

240/120 VOLTS 1 PHASE 3 WIRE 60 HERTZ 100 AMP BUS

CKT NO.	POLES	TRIP AMPS	LOAD SERVED	A		B		LOAD SERVED	TRIP AMPS	POLES	CKT NO.
1	1	20 A	EXG LOAD	0 VA	0 VA			EXG LOAD	20 A	1	2
3	1	20 A	EXG LOAD			0 VA	0 VA	EXG LOAD	20 A	1	4
5	1	20 A	EXG LOAD	0 VA	0 VA			EXG LOAD	20 A	1	6
7	1	20 A	EXG LOAD			0 VA	0 VA	EXG LOAD	20 A	1	8
9	1	20 A	EXG LOAD	0 VA	0 VA			EXG LOAD	20 A	1	10
11	1	20 A	EXG LOAD			0 VA	0 VA	EXG LOAD	20 A	1	12
13	1	20 A	EXG LOAD	0 VA	0 VA			EXG LOAD	20 A	1	14
15	1	20 A	EXG LOAD			0 VA	0 VA	EXG LOAD	20 A	1	16
17	1	20 A	EXG LOAD	0 VA	0 VA			EXG LOAD	20 A	2	18
19	1	20 A	EXG LOAD			0 VA	0 VA				20
21	2	20 A	EXG LOAD	0 VA	0 VA			EXG LOAD	20 A	1	22
23						0 VA	0 VA	SPARE	20 A	1	24
25	1	20 A	SPARE	0 VA	0 VA			SPARE	20 A	1	26
27	1	20 A	SPARE			0 VA	0 VA	SPARE	20 A	1	28
29	1	20 A	SPARE	0 VA	0 VA			SPARE	20 A	1	30
			TOTAL CONNECTED LOAD PER PHASE (VA)	0 VA		0 VA					
			A			B					

* -GFCI BREAKER ** -SHUNT TRIP BREAKER

-PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR TVSS

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: T-PS2

PANELBOARD: PS-1R

Location: STORAGE E115 — Surface **MOUNTED** — **SYM. A.I.C....** — **ENCLOSURE TYPE** Type 1

AMP MAIN (LUGS) OR 100 A **AMP MAIN BREAKER WITH** 100 A **AMP TRIP**

SE LABEL

240D VOLTS 3 PHASE 3 WIRE 60 HERTZ 125 A AMP BUS

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1								0 VA	0 VA												2
3	3	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	3	4
5												0 VA	0 VA								6
7								0 VA	0 VA												8
9	3	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	3	10
11												0 VA	0 VA								12
13								0 VA	0 VA												14
15	3	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	3	16
17												0 VA	0 VA								18
19	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	20
21	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	22
23	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	24
25	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	26
27	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	28
29	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	30
							TOTAL CONNECTED LOAD PER PHASE...	0 VA		0 VA		0 VA									
							* -GFCI BREAKER ** -SHUNT TRIP BREAKER	A		B		C									

-PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: T-PS1

PANELBOARD: PS-2L

Location: METAL SHOP E110 — Surface **MOUNTED** — **SYM. A.I.C....** — **ENCLOSURE TYPE** Type 1

AMP MAIN (LUGS) OR 100 A **AMP MAIN BREAKER WITH** 100 A **AMP TRIP**

SE LABEL

240D VOLTS 3 PHASE 3 WIRE 60 HERTZ 125 A AMP BUS

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1								0 VA	0 VA												2
3	3	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	3	4
5												0 VA	0 VA								6
7								0 VA	0 VA												8
9	3	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	3	10
11												0 VA	0 VA								12
13								0 VA	0 VA												14
15	3	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			SPARE	--	--	--	--	20 A	3	16
17												0 VA	0 VA								18
19	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	20
21	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	22
23	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	24
25	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	26
27	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	28
29	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	30
							TOTAL CONNECTED LOAD PER PHASE...	0 VA		0 VA		0 VA									
							* -GFCI BREAKER ** -SHUNT TRIP BREAKER	A		B		C									

-PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: T-PS1

PANELBOARD: PS-2R

Location: METAL SHOP E110 — Surface **MOUNTED** — **SYM. A.I.C....** — **ENCLOSURE TYPE** Type 1

AMP MAIN (LUGS) OR 100 **AMP MAIN BREAKER WITH** 80 **AMP TRIP**

SE LABEL

240/120 VOLTS 1 PHASE 4 WIRE 60 HERTZ 100 AMP BUS

CKT NO.	POLES	TRIP AMPS	LOAD SERVED	A		B		LOAD SERVED	TRIP AMPS	POLES	CKT NO.
1	1	20 A	EXG LOAD	0 VA	0 VA			EXG LOAD	20 A	1	2
3	1	20 A	EXG LOAD			0 VA	0 VA	EXG LOAD	20 A	1	4
5	1	20 A	EXG LOAD	0 VA	0 VA			EXG LOAD	20 A	1	6
7	1	20 A	EXG LOAD			0 VA	0 VA	EXG LOAD	20 A	1	8
9	1	20 A	EXG LOAD	0 VA	0 VA			EXG LOAD	20 A	1	10
11	1	20 A	EXG LOAD			0 VA	0 VA	EXG LOAD	70 A	2	12
13	2	20 A	EXG LOAD	0 VA	0 VA						14
15						0 VA	0 VA	COMPUTER LAB PANEL	40 A	2	16
17	1	20 A	SPARE	0 VA	0 VA						18
19	1	20 A	SPARE			0 VA	0 VA	SPARE	20 A	1	20
21	1	--	SPACE	--	--			SPACE	--	1	22
23	1	--	SPACE			--	--	SPACE	--	1	24
25	1	--	SPACE	--	--			SPACE	--	1	26
27	1	--	SPACE			--	--	SPACE	--	1	28
29	1	--	SPACE	--	--			SPACE	--	1	30
			TOTAL CONNECTED LOAD PER PHASE (VA)	0 VA		0 VA					
			* -GFCI BREAKER ** -SHUNT TRIP BREAKER	A		B					

-PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR TVSS

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: T-PS2

PANELBOARD: LL-3

Location: CAFETERIA-2 E108-2 — Recessed **MOUNTED** — **SYM. A.I.C....** — **ENCLOSURE TYPE** Type 1

225 A AMP MAIN (LUGS) OR **AMP MAIN BREAKER WITH** **AMP TRIP**

SE LABEL

208Y/120V VOLTS 3 PHASE 4 WIRE 60 HERTZ 225 A AMP BUS

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	4
5	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	6
7	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	8
9	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	10
11	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	12
13	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	14
15	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	16
17	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	18
19	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	20
21	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	22
23	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	24
25	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	26
27	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	28
29	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	30
31								0 VA	0 VA												32
33	3	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	34
35												0 VA	0 VA								36
37	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	100 A	3	38
39	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA										40
41	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	SPARE	--	--	--	--	20 A	1	42
							TOTAL CONNECTED LOAD PER PHASE...	0 VA		0 VA		0 VA									
							* -GFCI BREAKER ** -SHUNT TRIP BREAKER	A		B		C									

-PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: T-L3

PANELBOARD: L-4

Location: CORRIDOR 100 — Recessed **MOUNTED** — **SYM. A.I.C....** — **ENCLOSURE TYPE** Type 1

AMP MAIN (LUGS) OR 150 A **AMP MAIN BREAKER WITH** 150 A **AMP TRIP**

SE LABEL

480Y/277V VOLTS 3 PHASE 4 WIRE 60 HERTZ 250 A AMP BUS

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	4
5	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	6
7	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	8
9	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	10
11	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	12
13	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	14
15	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			T-L4					70 A	3	16
17	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA								18
19	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	20
21	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	22
23	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	24
25	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	26
27	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	28
29	1	20 A	--	--	--	--	SPARE					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	30
31	1	20 A	--	--	--	--	SPARE	0 VA	0 VA					EXG LOAD	--	--	--	--	100 A	3	32
33	1	20 A	--	--	--	--	SPARE			0 VA	0 VA										34
35	1	--	--	--	--	--	SPACE					--	0 VA								36
37	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	38
39	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	40
41	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	42
							TOTAL CONNECTED LOAD PER PHASE...	0 VA		0 VA		0 VA									
							* -GFCI BREAKER ** -SHUNT TRIP BREAKER	A		B		C									

-PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: T-L4

PANELBOARD: LL-4

Location: CORRIDOR 100 — Recessed **MOUNTED** — **SYM. A.I.C....** — **ENCLOSURE TYPE** Type 1

225 A AMP MAIN (LUGS) OR **AMP MAIN BREAKER WITH** **AMP TRIP**

SE LABEL

208Y/120V VOLTS 3 PHASE 4 WIRE 60 HERTZ 225 A AMP BUS

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	4
5	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	6
7	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	8
9	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	10
11	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	12
13	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	30 A	2	14
15	2	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA										16
17												0 VA	0 VA	EXG LOAD	--	--	--	--	40 A	2	18
19	2	50 A	--	--	--	--	EXG LOAD	0 VA	0 VA												20
21										0 VA	0 VA										22
23												0 VA	0 VA	EXG LOAD	--	--	--	--	50 A	3	24
25	3	70 A	--	--	--	--	EXG LOAD	0 VA	0 VA												26
27										0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	2	28
29	1	20 A	--	--	--	--	SPARE					0 VA	0 VA								30
31	1	20 A	--	--	--	--	SPARE	0 VA	0 VA												32
33	1	20 A	--	--	--	--	SPARE			0 VA	0 VA			EXG LOAD	--	--	--	--	100 A	3	34
35	1	--	--	--	--	--	SPACE					--	0 VA								36
37	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	38
39	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	40
41	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	42
							TOTAL CONNECTED LOAD PER PHASE...	0 VA		0 VA		0 VA									
							* -GFCI BREAKER ** -SHUNT TRIP BREAKER	A		B		C									

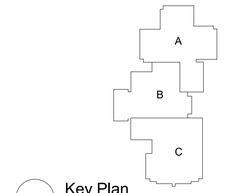
-PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: EMDP

General Notes

1. REFER TO SHEET BE050 FOR GENERAL NOTES AND ASBESTOS AWARENESS NOTES.
2. PANEL SCHEDULES ARE PROVIDED TO INDICATE BREAKER SIZING WITHIN EACH PANEL. CONTRACTOR IS RESPONSIBLE FOR TRACING CIRCUITS AND PROVIDING UPDATED, TYPEWRITTEN PANEL SCHEDULES FOR ALL REPLACEMENT PANELS. WHERE A BREAKER IS FOUND TO NOT BE IN USE, LABEL AS SPARE AND LEAVE IN THE OFF POSITION. MAINTAIN ALL EXISTING PANEL SCHEDULES FROM DEMOLISHED PANELS - ADD PANEL IDENTIFICATION TO SCHEDULE AND TURN OVER TO OWNER FOR HISTORICAL RECORD.



Key Plan
N.T.S.

S.E.D. Control No. 61-06-00-01-0-026-020

Rev. No.:	Date:	Description:

Ithaca City School District

complex world | CLEAR SOLUTIONS

Tetra Tech Engineers, Architects & Landscape Architects, P.C.

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

Ithaca City School District
Ithaca, NY

Reconstruction to:
Boynton Middle School

Panel Schedules

Drawn By:	Date:	Drawing Number:
Author	07/11/2025	BE602
Project No.: 214159-25001		

PANELBOARD: PEX-1

Location: BOILER ROOM F122 | Surface **MOUNTED** | 22,000 **SYM. A.I.C....** | **ENCLOSURE TYPE** Type 1

125 A **AMP MAIN (LUGS) OR** ____ **AMP MAIN BREAKER WITH** ____ **AMP TRIP**

SE LABEL ____

480Y/277V **VOLTS** | 3 **PHASE** | 4 **WIRE** | 60 **HERTZ** | 125 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	4
5	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	6
7								0 VA	0 VA					SPARE	--	--	--	--	20 A	1	8
9	3	25 A					T-PEX			0 VA	0 VA			SPARE	--	--	--	--	20 A	1	10
11												0 VA	0 VA	SPARE	--	--	--	--	20 A	1	12
13	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	14
15	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	16
17	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	18
TOTAL CONNECTED LOAD PER PHASE...								0 VA		0 VA		0 VA									
								A		B		C									

* -GFCI BREAKER ** -SHUNT TRIP BREAKER

-PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

TOTAL CONNECTED LOAD: 0 A

TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: EMDP

PANELBOARD: PPF-1

Location: BOILER ROOM F122 | Surface **MOUNTED** | 22,000 **SYM. A.I.C....** | **ENCLOSURE TYPE** Type 1

100 A **AMP MAIN (LUGS) OR** ____ **AMP MAIN BREAKER WITH** ____ **AMP TRIP**

SE LABEL ____

208Y/120V **VOLTS** | 3 **PHASE** | 4 **WIRE** | 60 **HERTZ** | 100 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	SPARE			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	4
5	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA								6
7	1	20 A	--	--	--	--	SPARE	0 VA	0 VA					SPARE	--	--	--	--	20 A	3	8
9	1	20 A	--	--	--	--	SPARE			0 VA	0 VA										10
11	1	20 A	--	--	--	--	EXG LOAD					0 VA	--	SPACE	--	--	--	--	--	1	12
13	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	14
15	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	16
17	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	18
TOTAL CONNECTED LOAD PER PHASE...								0 VA		0 VA		0 VA									
								A		B		C									

* -GFCI BREAKER ** -SHUNT TRIP BREAKER

-PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

TOTAL CONNECTED LOAD: 0 A

TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: T-PEX

PANELBOARD: LL-5

Location: CORRIDOR F100 | Recessed **MOUNTED** | 22k **SYM. A.I.C....** | **ENCLOSURE TYPE** Type 1

225 A **AMP MAIN (LUGS) OR** ____ **AMP MAIN BREAKER WITH** ____ **AMP TRIP**

SE LABEL ____

208Y/120V **VOLTS** | 3 **PHASE** | 4 **WIRE** | 60 **HERTZ** | 225 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	4
5	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	6
7	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	8
9	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	10
11	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	12
13	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	14
15	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	16
17	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	18
19	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	20
21	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	22
23	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	24
25	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	26
27	1	30 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	30 A	1	28
29	1	30 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	30 A	1	30
31	2	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	2	32
33										0 VA	0 VA										34
35	2	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	3	36
37								0 VA	0 VA												38
39	2	50 A	--	--	--	--	EXG LOAD			0 VA	0 VA										40
41												0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	42
TOTAL CONNECTED LOAD PER PHASE...								0 VA		0 VA		0 VA									
								A		B		C									

* -GFCI BREAKER ** -SHUNT TRIP BREAKER

-PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

TOTAL CONNECTED LOAD: 0 A

TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: ____

PANELBOARD: P-4L

Location: BOILER ROOM F122 | Surface **MOUNTED** | 22,000 **SYM. A.I.C....** | **ENCLOSURE TYPE** Type 1

250 A **AMP MAIN (LUGS) OR** ____ **AMP MAIN BREAKER WITH** ____ **AMP TRIP**

SE LABEL ____

480Y/277V **VOLTS** | 3 **PHASE** | 4 **WIRE** | 60 **HERTZ** | 250 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1								0 VA	0 VA												2
3	3	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			T-P4					25 A	3	4
5												0 VA	0 VA								6
7								0 VA	0 VA												8
9	3	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	3	10
11												0 VA	0 VA								12
13								0 VA	0 VA												14
15	3	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	15 A	3	16
17												0 VA	0 VA								18
19								0 VA	0 VA												20
21	3	20 A	--	--	--	--	SPARE			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	3	22
23												0 VA	0 VA								24
25								0 VA	0 VA												26
27	3	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	3	28
29												0 VA	0 VA								30
31	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	32
33	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	34
35	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	36
37	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	38
39	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	40
41	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	42
TOTAL CONNECTED LOAD PER PHASE...								0 VA		0 VA		0 VA									
								A		B		C									

* -GFCI BREAKER ** -SHUNT TRIP BREAKER

-PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

TOTAL CONNECTED LOAD: 0 A

TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: EMDP

PANELBOARD: P-4R

Location: BOILER ROOM F122 | Surface **MOUNTED** | 22,000 **SYM. A.I.C....** | **ENCLOSURE TYPE** Type 1

250 A **AMP MAIN (LUGS) OR** ____ **AMP MAIN BREAKER WITH** ____ **AMP TRIP**

SE LABEL ____

480Y/277V **VOLTS** | 3 **PHASE** | 4 **WIRE** | 60 **HERTZ** | 250 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1								0 VA	0 VA												2
3	3	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	3	4
5												0 VA	0 VA								6
7								0 VA	0 VA												8
9	3	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	3	10
11												0 VA	0 VA								12
13								0 VA	0 VA												14
15	3	40 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	40 A	3	16
17												0 VA	0 VA								18
19	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	20
21	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	22
23	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	24
25	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	26
27	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	28
29	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	30
TOTAL CONNECTED LOAD PER PHASE...								0 VA		0 VA		0 VA									
								A		B		C									

* -GFCI BREAKER ** -SHUNT TRIP BREAKER

-PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

TOTAL CONNECTED LOAD: 0 A

TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: P-4L

PANELBOARD: PP-4

Location: BOILER ROOM F122 | Surface **MOUNTED** | ____ **SYM. A.I.C....** | **ENCLOSURE TYPE** Type 1

100 A **AMP MAIN (LUGS) OR** ____ **AMP MAIN BREAKER WITH** ____ **AMP TRIP**

SE LABEL ____

208Y/120V **VOLTS** | 3 **PHASE** | 4 **WIRE** | 60 **HERTZ** | 100 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	4
5	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	6
7	2	40 A	--	--	--	--	SOUTH GENERATOR	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	8
9							PANEL			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	10
11	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	12
13	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	14
15	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	16
17	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	18
19	1	20 A	--	--	--	--	SPARE	0 VA	0 VA												20
21	1	20 A	--	--	--	--	SPARE			0 VA	0 VA			SPARE	--	--	--	--	20 A	3	22
23	1	--	--	--	--	--	SPACE					--	0 VA								24
25	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	26
27	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	28
29	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	30
TOTAL CONNECTED LOAD PER PHASE...								0 VA		0 VA		0 VA									
								A		B		C									

* -GFCI BREAKER ** -SHUNT TRIP BREAKER

-PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

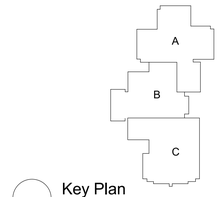
TOTAL CONNECTED LOAD: 0 A

TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: T-P4

General Notes

1. REFER TO SHEET BE050 FOR GENERAL NOTES AND ASBESTOS AWARENESS NOTES.
2. PANEL SCHEDULES ARE PROVIDED TO INDICATE BREAKER SIZING WITHIN EACH PANEL. CONTRACTOR IS RESPONSIBLE FOR TRACING CIRCUITS AND PROVIDING UPDATED, TYPEWRITTEN PANEL SCHEDULES FOR ALL REPLACEMENT PANELS. WHERE A BREAKER IS FOUND TO NOT BE IN USE, LABEL AS SPARE AND LEAVE IN THE OFF POSITION. MAINTAIN ALL EXISTING PANEL SCHEDULES FROM DEMOLISHED PANELS - ADD PANEL IDENTIFICATION TO SCHEDULE AND TURN OVER TO OWNER FOR HISTORICAL RECORD.



S.E.D. Control No. 61-06-00-01-0-026-020

Rev. No.:	Date:	Description:

Ithaca City School District

complex world | CLEAR SOLUTIONS

Tetra Tech Engineers, Architects & Landscape Architects, P.C.

BID SET

TETRA TECH ARCHITECTS & ENGINEERS

Ithaca City School District
Ithaca, NY

Reconstruction to:
Boynton Middle School

Panel Schedules

Drawn By:	Date:	Drawing Number:
Author	07/11/2025	BE603
Project No.: 214159-25001		

PANELBOARD: L-1

Location: CORRIDOR A200 | Recessed **MOUNTED** | 22k **SYM. A.I.C....** | **ENCLOSURE TYPE** Type 1

AMP MAIN (LUGS) OR 125 A **AMP MAIN BREAKER WITH** 125 A **AMP TRIP**

480Y/277V VOLTS | 3 **PHASE** | 4 **WIRE** | 60 **HERTZ** | 125 A **AMP BUS** | **SE LABEL**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	4
5	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	6
7	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	8
9	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	10
11	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	12
13	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	14
15	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	16
17	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	18
19	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	20
21	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	22
23	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	24
25	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					T-L1							26
27	1	--	--	--	--	--	SPACE			--	0 VA								25 A	3	28
29	1	--	--	--	--	--	SPACE					--	0 VA								30
							TOTAL CONNECTED LOAD PER PHASE...	0 VA		0 VA		0 VA									
								A		B		C									

* -GFCI BREAKER ** -SHUNT TRIP BREAKER

 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: MSB

PANELBOARD: LL-1

Location: CORRIDOR A200 | Recessed **MOUNTED** | 22k **SYM. A.I.C....** | **ENCLOSURE TYPE** Type 1

100 A AMP MAIN (LUGS) OR **AMP MAIN BREAKER WITH** **AMP TRIP**

208Y/120V VOLTS | 3 **PHASE** | 4 **WIRE** | 60 **HERTZ** | 100 A **AMP BUS** | **SE LABEL**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	4
5	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	6
7	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	8
9	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	10
11	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	12
13	2	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	2	14
15										0 VA	0 VA										16
17	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	2	18
19	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	20
21	1	20 A	--	--	--	--	EXG LOAD			0 VA	--			SPACE	--	--	--	--	--	1	22
23	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	24
25	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	26
27	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	28
29	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	30
							TOTAL CONNECTED LOAD PER PHASE...	0 VA		0 VA		0 VA									
								A		B		C									

* -GFCI BREAKER ** -SHUNT TRIP BREAKER

 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: T-L1

PANELBOARD: L-5

Location: CORRIDOR F100 | Recessed **MOUNTED** | 22k **SYM. A.I.C....** | **ENCLOSURE TYPE** Type 1

AMP MAIN (LUGS) OR 150 A **AMP MAIN BREAKER WITH** 150 A **AMP TRIP**

480Y/277V VOLTS | 3 **PHASE** | 4 **WIRE** | 60 **HERTZ** | 250 A **AMP BUS** | **SE LABEL**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	EXG LOAD (L-5L)	0 VA	0 VA					EXG LOAD (L-5L)	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	EXG LOAD (L-5L)			0 VA	0 VA			EXG LOAD (L-5L)	--	--	--	--	20 A	1	4
5	1	20 A	--	--	--	--	EXG LOAD (L-5L)					0 VA	0 VA	EXG LOAD (L-5L)	--	--	--	--	20 A	1	6
7	1	20 A	--	--	--	--	EXG LOAD (L-5L)	0 VA	0 VA					EXG LOAD (L-5L)	--	--	--	--	20 A	1	8
9	1	20 A	--	--	--	--	SPARE			0 VA	0 VA										10
11	3	20 A	--	--	--	--	EXG LOAD (L-5L)					0 VA	0 VA	EXG LOAD (L-5L)	--	--	--	--	20 A	3	12
13								0 VA	0 VA												14
15										0 VA	0 VA										16
17												0 VA	0 VA	EXG LOAD (L-5L)	--	--	--	--	30 A	3	18
19	3	20 A	--	--	--	--	EXG LOAD (L-5L)	0 VA	0 VA												20
21										0 VA	0 VA			EXG LOAD (L-5R)	--	--	--	--	20 A	1	22
23	1	20 A	--	--	--	--	EXG LOAD (L-5R)					0 VA	0 VA	EXG LOAD (L-5R)	--	--	--	--	20 A	1	24
25	1	20 A	--	--	--	--	EXG LOAD (L-5R)	0 VA	0 VA					EXG LOAD (L-5R)	--	--	--	--	20 A	1	26
27	1	20 A	--	--	--	--	EXG LOAD (L-5R)			0 VA	0 VA										28
29	1	20 A	--	--	--	--	EXG LOAD (L-5R)					0 VA	0 VA								30
31	1	20 A	--	--	--	--	EXG LOAD (L-5R)	0 VA	0 VA												32
33	1	20 A	--	--	--	--	EXG LOAD (L-5R)			0 VA	0 VA										34
35	3	20 A	--	--	--	--	EXG LOAD (L-5R)					0 VA	0 VA	T-L5					70 A	3	36
37								0 VA	0 VA												38
39										0 VA	--			SPACE	--	--	--	--	--	1	40
41	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	42
							TOTAL CONNECTED LOAD PER PHASE...	0 VA		0 VA		0 VA									
								A		B		C									

* -GFCI BREAKER ** -SHUNT TRIP BREAKER

 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: EMDP

PANELBOARD: SD-1

Location: STORAGE F141 | Surface **MOUNTED** | **SYM. A.I.C....** | **ENCLOSURE TYPE** Type 1

AMP MAIN (LUGS) OR 1 A **AMP MAIN BREAKER WITH** 1 A **AMP TRIP**

208Y/120V VOLTS | 3 **PHASE** | 4 **WIRE** | 60 **HERTZ** | 100 A **AMP BUS** | **SE LABEL**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1								0 VA	0 VA												2
3	3	400 A					PANEL PK-3			0 VA	0 VA			PANEL PK-1/2					400 A	3	4
5												0 VA	0 VA								6
7	1	--	--	--	--	--	SPACE	--	0 VA												8
9	1	--	--	--	--	--	SPACE			--	0 VA			PANEL PKS-1					125 A	3	10
11	1	--	--	--	--	--	SPACE					--	0 VA								12
13	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	14
15	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	16
17	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	18
19	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	20
21	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	22
23	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	24
							TOTAL CONNECTED LOAD PER PHASE...	0 VA		0 VA		0 VA									
								A		B		C									

* -GFCI BREAKER ** -SHUNT TRIP BREAKER

 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: T-SD

PANELBOARD: PK-1/2

Location: FOOD PREP F140 | Recessed **MOUNTED** | **SYM. A.I.C....** | **ENCLOSURE TYPE** Type 1

400 A AMP MAIN (LUGS) OR **AMP MAIN BREAKER WITH** **AMP TRIP**

208Y/120V VOLTS | 3 **PHASE** | 4 **WIRE** | 60 **HERTZ** | 400 A **AMP BUS** | **SE LABEL**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	EXG LOAD (PK-2)	0 VA	0 VA					EXG LOAD (PK-2)	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	EXG LOAD (PK-2)			0 VA	0 VA			EXG LOAD (PK-2)	--	--	--	--	20 A	1	4
5	1 1	20 A	--	--	--	--	EXG LOAD (PK-2)					0 VA	0 VA	EXG LOAD (PK-2)	--	--	--	--	20 A	1	6
7	1	20 A	--	--	--	--	EXG LOAD (PK-2)	0 VA	0 VA					EXG LOAD (PK-2)	--	--	--	--	20 A	1	8
9	1	20 A	--	--	--	--	SPARE			0 VA	0 VA			EXG LOAD (PK-2)	--	--	--	--	20 A	1	10
11	1	20 A	--	--	--	--	EXG LOAD (PK-2)					0 VA	0 VA	EXG LOAD (PK-2)	--	--	--	--	20 A	1	12
13	1	20 A	--	--	--	--	EXG LOAD (PK-2)	0 VA	0 VA					EXG LOAD (PK-2)	--	--	--	--	20 A	1	14
15	2	20 A	--	--	--	--	EXG LOAD (PK-2)			0 VA	0 VA			EXG LOAD (PK-2)	--	--	--	--	20 A	1	16
17												0 VA	0 VA								18
19								0 VA	0 VA												20
21	3	70 A	--	--	--	--	EXG LOAD (PK-2)			0 VA	0 VA										22
23												0 VA	0 VA	EXG LOAD (PK-2)	--	--	--	--	20 A	3	24
25								0 VA	0 VA												26
27	3	20 A	--	--	--	--	EXG LOAD (PK-2)			0 VA	0 VA										28
29												0 VA	0 VA	EXG LOAD (PK-2)	--	--	--	--	20 A	3	30
31								0 VA	0 VA												32
33	3	20 A	--	--	--	--	EXG LOAD (PK-2)			0 VA	0 VA										34
35												0 VA	0 VA	EXG LOAD (PK-2)	--	--	--	--	40 A	3	36
37								0 VA	0 VA												38
39	3	20 A	--	--	--	--	EXG LOAD (PK-2)			0 VA	0 VA			EXG LOAD (PK-2)	--	--	--	--	20 A	1	40
41												0 VA	0 VA	EXG LOAD (PK-2)	--	--	--	--	20 A	1	42
43	1	20 A	--	--	--	--	EXG LOAD (PK-1)	0 VA	0 VA					EXG LOAD (PK-1)	--	--	--	--	20 A	1	44
45	1	20 A	--	--	--	--	EXG LOAD (PK-1)			0 VA	0 VA			EXG LOAD (PK-1)	--	--	--	--	20 A	1	46
47	1	20 A	--	--	--	--	EXG LOAD (PK-1)					0 VA	0 VA	EXG LOAD (PK-1)	--	--	--	--	20 A	2	48
49	2	30 A	--	--	--	--	EXG LOAD (PK-1)	0 VA	0 VA												50
51										0 VA	0 VA			EXG LOAD (PK-1)	--	--	--	--	30 A	2	52
53												0 VA	0 VA								54
55	3	20 A	--	--	--	--	EXG LOAD (PK-1)	0 VA	0 VA												56
57										0 VA	0 VA			EXG LOAD (PK-1)	--	--	--	--	20 A	3	58
59												0 VA	0 VA								60
61	3	20 A	--	--	--	--	EXG LOAD (PK-1)	0 VA	0 VA												62
63										0 VA	0 VA			EXG LOAD (PK-1)	--	--	--	--	20 A	3	64
65												0 VA	0 VA								66
67	2	50 A	--	--	--	--	EXG LOAD (PK-1)	0 VA	0 VA					EXG LOAD (PK-1)	--	--	--	--	20 A	1	68
69	1	20 A	--	--	--	--	EXG LOAD (PK-1)			0 VA	0 VA			EXG LOAD (PK-1)	--	--	--	--	20 A	1	70
71												0 VA	0 VA	EXG LOAD (PK-1)	--	--	--	--	20 A	1	72
73	3	60 A	--	--	--	--	EXG LOAD (PK-1)	0 VA	0 VA					EXG LOAD (PK-1)	--	--	--	--	20 A	1	74
75										0 VA	0 VA			EXG LOAD (PK-1)	--	--	--	--	20 A	1	76
77	1	20 A	--	--	--	--	SPARE					0 VA	0 VA	EXG LOAD (PK-1)	--	--	--	--	20 A	1	78
79	1	20 A	--	--	--	--	SPARE	0 VA	0 VA												80
81	1	20 A	--	--	--	--	SPARE			0 VA	0 VA			EXG LOAD (PK-1)	--	--	--	--	50 A	3	82
83	1	20 A	--	--	--	--	SPARE					0 VA	0 VA								84
							TOTAL CONNECTED LOAD PER PHASE...	0 VA		0 VA		0 VA									
								A		B		C									

* -GFCI BREAKER ** -SHUNT TRIP BREAKER

 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: SD-1

PANELBOARD: PK-3

Location: FOOD PREP F140 | Recessed **MOUNTED** | **SYM. A.I.C....** | **ENCLOSURE TYPE** Type 1

400 A AMP MAIN (LUGS) OR **AMP MAIN BREAKER WITH** **AMP TRIP**

208Y/120V VOLTS | 3 **PHASE** | 4 **WIRE** | 60 **HERTZ** | 400 A **AMP BUS** | **SE LABEL**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	4
5	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	6
7	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA												8
9	1	20 A	--	--	--	--	SPARE			0 VA	0 VA			EXG LOAD	--	--	--	--	100 A	3	10
11												0 VA	0 VA								12
13	3	50 A	--	--	--	--	EXG LOAD	0 VA	0 VA												14
15										0 VA	0 VA			EXG LOAD	--	--	--	--	50 A	3	16
17												0 VA	0 VA								18
19	2	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA												20
21										0 VA	0 VA			EXG LOAD	--	--	--	--	100 A	3	22
23	3	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA								24
25								0 VA	0 VA												26
27	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	3	28
29	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA								30
31								0 VA	0 VA					SPARE	--	--	--	--	20 A	1	32
33	3	100 A	--	--	--	--	EXG LOAD			0 VA	0 VA			SPARE	--	--	--	--	20 A	1	34
35												0 VA	0 VA	SPARE	--	--	--	--	20 A	1	36
37	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	38
39	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	40
41	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	42
43	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	44
45	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	46
47	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	48
49	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	50
51	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	52
53	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	54
							TOTAL CONNECTED LOAD PER PHASE...	0 VA		0 VA		0 VA									
								A		B		C									

* -GFCI BREAKER ** -SHUNT TRIP BREAKER

 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

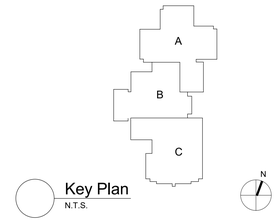
SUPPLIED FROM: SD-1

Keyed Notes

1. PROVIDE 125A-3P SUBFEED BREAKER ON PANEL PK-3 FOR PANEL PKS-1. REFER TO KEYED NOTE 3 ON SHEET BE162.

General Notes

1. REFER TO SHEET BE050 FOR GENERAL NOTES AND ASBESTOS AWARENESS NOTES.
2. PANEL SCHEDULES ARE PROVIDED TO INDICATE BREAKER SIZING WITHIN EACH PANEL. CONTRACTOR IS RESPONSIBLE FOR TRACING CIRCUITS AND PROVIDING UPDATED, TYPEWRITTEN PANEL SCHEDULES FOR ALL REPLACEMENT PANELS. WHERE A BREAKER IS FOUND TO NOT BE IN USE, LABEL AS SPARE AND LEAVE IN THE OFF POSITION. MAINTAIN ALL EXISTING PANEL SCHEDULES FROM DEMOLISHED PANELS - ADD PANEL IDENTIFICATION TO SCHEDULE AND TURN OVER TO OWNER FOR HISTORICAL RECORD.



Key Plan
N.T.S.

S.E.D. Control No. 61-06-00-01-0-026-020

Rev. No.:	Date:	Description:

Ithaca City School District

complex world | CLEAR SOLUTIONS

Tetra Tech Engineers, Architects & Landscape Architects, P.C.

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

Ithaca City School District
Ithaca, NY

Reconstruction to:
Boynton Middle School

Panel Schedules

Drawn By:	Date:	Drawing Number:
Author	07/11/2025	BE604

Project No.: 214159-25001

PANELBOARD: P-1

Location: MECH MEZZ M300 Surface **MOUNTED** **SYM. A.I.C....** **ENCLOSURE TYPE** Type 1

AMP MAIN (LUGS) OR 600 A **AMP MAIN BREAKER WITH** 600 A **AMP TRIP**

SE LABEL

480Y/277V VOLTS 3 **PHASE** 4 **WIRE** 60 **HERTZ** 600 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1								0 VA	0 VA												2
3	3	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			SPARE	--	--	--	--	20 A	3	4
5												0 VA	0 VA								6
7								0 VA	0 VA												8
9	3	15 A	--	--	--	--	SPARE			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	3	10
11												0 VA	0 VA								12
13								0 VA	0 VA												14
15	3	60 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	40 A	3	16
17												0 VA	0 VA								18
19								0 VA	0 VA												20
21	3	25 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	60 A	3	22
23												0 VA	0 VA								24
25								0 VA	0 VA					SPARE	--	--	--	--	20 A	1	26
27	3	60 A	--	--	--	--	EXG LOAD			0 VA	0 VA			SPARE	--	--	--	--	20 A	1	28
29												0 VA	--	SPACE	--	--	--	--	--	1	30
31	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	32
33										0 VA	0 VA										34
35	3	150 A	--	--	--	--	SPARE					0 VA	0 VA	T-1 (E)					125 A	3	36
37								0 VA	0 VA												38
39	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	40
41	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	42
43	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	44
45	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	46
47	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	48
TOTAL CONNECTED LOAD PER PHASE...								0 VA		0 VA		0 VA									
								A		**B**		**C**									

*** -GFCI BREAKER** **** -SHUNT TRIP BREAKER**

 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: MSB

PANELBOARD: P-2

Location: Space 56 Surface **MOUNTED** 22k **SYM. A.I.C....** **ENCLOSURE TYPE** Type 1

AMP MAIN (LUGS) OR 125 A **AMP MAIN BREAKER WITH** 125 A **AMP TRIP**

SE LABEL

480Y/277V VOLTS 3 **PHASE** 4 **WIRE** 60 **HERTZ** 125 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1								0 VA	0 VA												2
3	3	30 A	--	--	--	--	SPARE			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	3	4
5												0 VA	0 VA								6
7								0 VA	0 VA												8
9	3	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	3	10
11												0 VA	0 VA								12
13								0 VA	0 VA												14
15	3	125 A					T-2 (E)			0 VA	0 VA			PANEL NP-1	--	--	--	--	60 A	3	16
17												0 VA	0 VA								18
19	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	20
21	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	22
23	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	24
25	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	26
27	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	28
29	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	30
TOTAL CONNECTED LOAD PER PHASE...								0 VA		0 VA		0 VA									
								A		**B**		**C**									

*** -GFCI BREAKER** **** -SHUNT TRIP BREAKER**

 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: EMDP

PANELBOARD: P-3

Location: MECH MEZZ MECH2 Surface **MOUNTED** 22k **SYM. A.I.C....** **ENCLOSURE TYPE** Type 1

AMP MAIN (LUGS) OR 250 A **AMP MAIN BREAKER WITH** 250 A **AMP TRIP**

SE LABEL

480Y/277V VOLTS 3 **PHASE** 4 **WIRE** 60 **HERTZ** 250 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1								0 VA	0 VA												2
3	3	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	3	4
5												0 VA	0 VA								6
7								0 VA	0 VA												8
9	3	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	3	10
11												0 VA	0 VA								12
13	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	14
15	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	16
17	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	18
19	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	20
21	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	22
23	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	24
25	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	26
27	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	28
29	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	30
TOTAL CONNECTED LOAD PER PHASE...								0 VA		0 VA		0 VA									
								A		**B**		**C**									

*** -GFCI BREAKER** **** -SHUNT TRIP BREAKER**

 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: EMDP

PANELBOARD: L-2

Location: CORRIDOR C200 Recessed **MOUNTED** 22k **SYM. A.I.C....** **ENCLOSURE TYPE** Type 1

AMP MAIN (LUGS) OR 125 A **AMP MAIN BREAKER WITH** 125 A **AMP TRIP**

SE LABEL

480Y/277V VOLTS 3 **PHASE** 4 **WIRE** 60 **HERTZ** 125 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	4
5	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	6
7	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	8
9	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	10
11	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	12
13								0 VA	0 VA												14
15	3	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			T-L2					70 A	3	16
17												0 VA	0 VA								18
19	1	20 A	--	--	--	--	SPARE	0 VA	0 VA												20
21	1	20 A	--	--	--	--	SPARE			0 VA	0 VA			SPARE	--	--	--	--	20 A	3	22
23	1	--	--	--	--	--	SPACE					--	0 VA								24
25	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	26
27	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	28
29	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	30
TOTAL CONNECTED LOAD PER PHASE...								0 VA		0 VA		0 VA									
								A		**B**		**C**									

*** -GFCI BREAKER** **** -SHUNT TRIP BREAKER**

 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: MSB

PANELBOARD: LL-2

Location: CORRIDOR C200 Recessed **MOUNTED** 22k **SYM. A.I.C....** **ENCLOSURE TYPE** Type 1

225 A AMP MAIN (LUGS) OR **AMP MAIN BREAKER WITH** **AMP TRIP**

SE LABEL

208Y/120V VOLTS 3 **PHASE** 4 **WIRE** 60 **HERTZ** 225 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	4
5	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	6
7	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	8
9	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	10
11	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	12
13	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	14
15	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	16
17	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	18
19	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	20
21	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			SPARE	--	--	--	--	20 A	1	22
23	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	SPARE	--	--	--	--	20 A	1	24
25	1	20 A	--	--	--	--	SPARE	0 VA	0 VA					SPARE	--	--	--	--	20 A	1	26
27	1	20 A	--	--	--	--	SPARE			0 VA	0 VA			SPARE	--	--	--	--	20 A	1	28
29	1	20 A	--	--	--	--	SPARE					0 VA	0 VA	SPARE	--	--	--	--	20 A	1	30
TOTAL CONNECTED LOAD PER PHASE...								0 VA		0 VA		0 VA									
								A		**B**		**C**									

*** -GFCI BREAKER** **** -SHUNT TRIP BREAKER**

 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: LL-2

PANELBOARD: LS-1

Location: Recessed **MOUNTED** 22k **SYM. A.I.C....** **ENCLOSURE TYPE** Type 1

100 A AMP MAIN (LUGS) OR **AMP MAIN BREAKER WITH** **AMP TRIP**

SE LABEL

208Y/120V VOLTS 3 **PHASE** 4 **WIRE** 60 **HERTZ** 100 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	4
5	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	6
7	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	8
9	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	10
11	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	12
13	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	14
15	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	16
17	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	18
19	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	20
21	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			SPARE	--	--	--	--	20 A	1	22
23	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	SPARE	--	--	--	--	20 A	1	24
25	1	20 A	--	--	--	--	SPARE	0 VA	0 VA					SPARE	--	--	--	--	20 A	1	26
27	1	20 A	--	--	--	--	SPARE			0 VA	0 VA			SPARE	--	--	--	--	20 A	1	28
29	1	20 A	--	--	--	--	SPARE					0 VA	0 VA	SPARE	--	--	--	--	20 A	1	30
TOTAL CONNECTED LOAD PER PHASE...								0 VA		0 VA		0 VA									
								A		**B**		**C**									

*** -GFCI BREAKER** **** -SHUNT TRIP BREAKER**

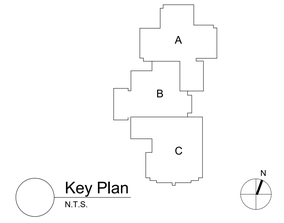
 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: LL-2

General Notes

1. REFER TO SHEET BE050 FOR GENERAL NOTES AND ASBESTOS AWARENESS NOTICE.
2. PANEL SCHEDULES ARE PROVIDED TO INDICATE BREAKER SIZING WITHIN EACH PANEL. CONTRACTOR IS RESPONSIBLE FOR TRACING CIRCUITS AND PROVIDING UPDATED, TYPEWRITTEN PANEL SCHEDULES FOR ALL REPLACEMENT PANELS. WHERE A BREAKER IS FOUND TO NOT BE IN USE, LABEL AS SPARE AND LEAVE IN THE OFF POSITION. MAINTAIN ALL EXISTING PANEL SCHEDULES FROM DEMOLISHED PANELS - ADD PANEL IDENTIFICATION TO SCHEDULE AND TURN OVER TO OWNER FOR HISTORICAL RECORD.



S.E.D. Control No. 61-06-00-01-0-026-020

Rev. No.:	Date:	Description:

Ithaca City School District

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Tetra Tech Engineers, Architects & Landscape Architects, P.C.

BID SET

TETRA TECH ARCHITECTS & ENGINEERS

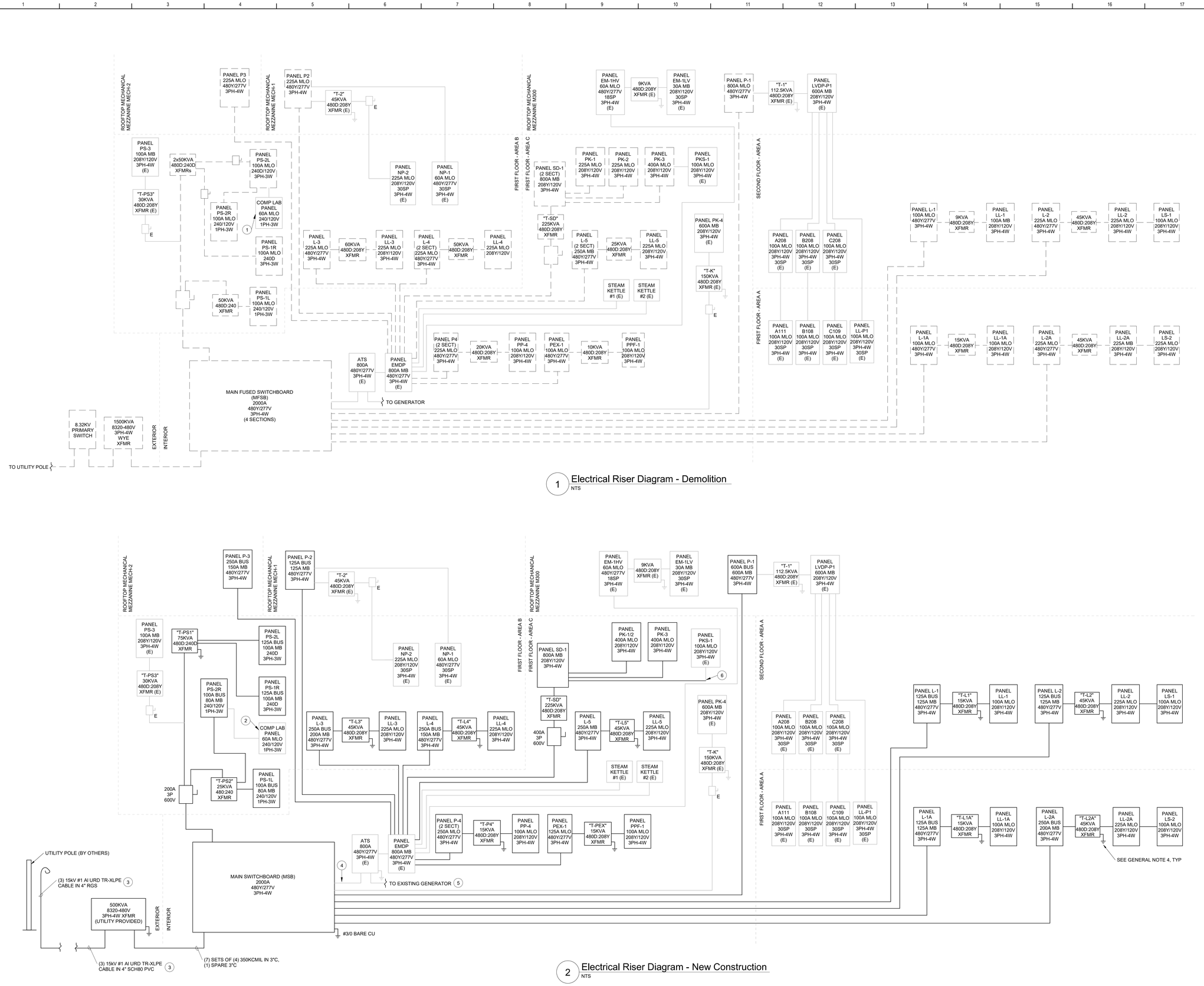
Ithaca City School District
Ithaca, NY

Reconstruction to:
Boynton Middle School

Panel Schedules

Drawn By:	Date:	Drawing Number:
Author	07/11//2025	BE605

Project No.: 214159-25001



1 Electrical Riser Diagram - Demolition
NTS

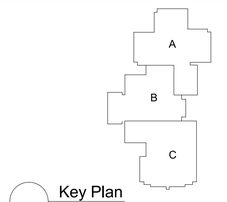
2 Electrical Riser Diagram - New Construction
NTS

Keyed Notes

1. DISCONNECT PANEL FROM FEED TO PANEL PS-2R. REMOVE DISCONNECT. PROTECT AND MAINTAIN WIRING TO SUBPANEL.
2. CONNECT PANEL TO BREAKER IN PS-2R - REFER TO PANEL SCHEDULE ON BE602. EXTEND/MODIFY WIRING AND CONDUIT AS NEEDED TO CONNECT TO FEEDER PANEL - ASSUME MIN (3) #8, #10G IN 3/4"C.
3. PROVIDE 40' LENGTH OF PRIMARY CONDUCTORS AT POLE, 15' OF LENGTH AT VAULT. CONTRACTOR SHALL SUBMIT CONDUCTOR CUTSHEET TO NYSEG FOR APPROVAL PRIOR TO PURCHASE AND INSTALLATION. REFER TO DETAIL 3/501 FOR FURTHER INSTALLATION REQUIREMENTS.
4. EXTEND FEEDERS IN KIND TO ATS FROM NEW SWITCHBOARD LOCATION. ASSUME (2) SETS OF (4) 500 KCMIL, #1/0G IN 3"C.
5. REFER TO SHEET BC140 FOR EXTENT OF GENERATOR RELOCATION AND RECIRCUITING.
6. REFER TO KEYED NOTE 3 ON SHEET BE162 FOR WORK ASSOCIATED WITH REFEEDING PANEL PKS-1 FROM PANEL SD-1.

General Notes

1. REFER TO SHEET BE050 FOR GENERAL NOTES AND ASBESTOS AWARENESS NOTES.
2. REFER TO SHEET BE100 FOR DEMOLITION NOTES.
3. REFER TO PANEL REPLACEMENT SCHEDULE AND TRANSFORMER SCHEDULE ON SHEET BE600 FOR FEEDER AND RACEWAY SIZING.
4. REFER TO TRANSFORMER SCHEDULE ON SHEET BE600 FOR GROUNDING CONDUCTOR SIZING.



Key Plan
N.T.S.

S.E.D. Control No. 61-06-00-01-0-026-020

Rev. No.:	Date:	Description:

Ithaca City School District

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Tetra Tech Engineers, Architects & Landscape Architects, P.C.

BID SET

TETRA TECH ARCHITECTS & ENGINEERS

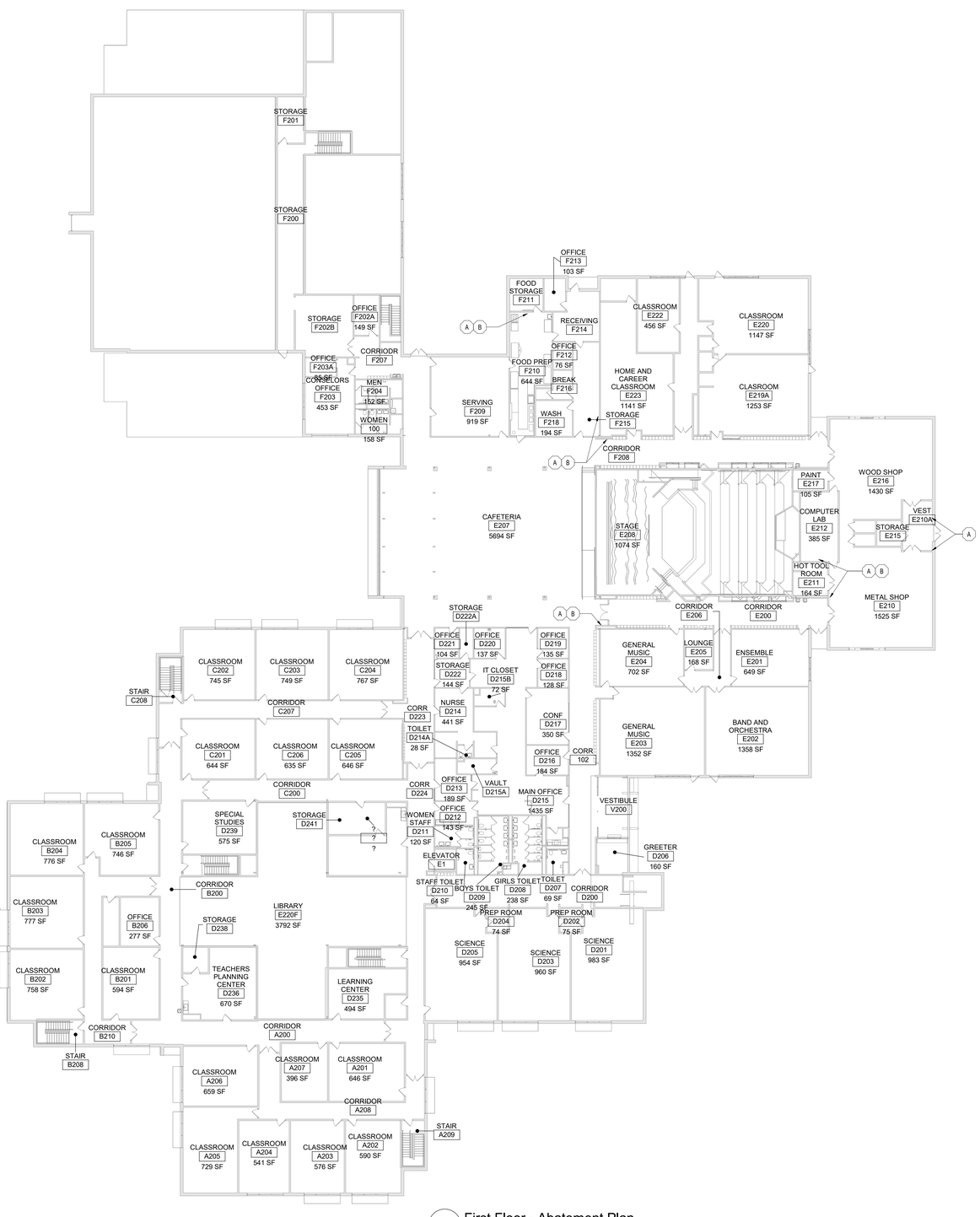
Ithaca City School District
Ithaca, NY

Reconstruction to:
Boynton Middle School

Riser Diagrams

Drawn By:	Date:	Drawing Number:
AEL	07/11/2025	BE700

Project No.:
214159-25001



1 First Floor - Abatement Plan
1" = 20'-0"

Wall Paint Removal Notes

1. PAINT ON CMU/BLOCK WALLS IS ASBESTOS AND LEAD CONTAINING.
2. PERFORM ALL WORK THAT WILL DISTURB PAINTED BLOCK WALLS AS AN ASBESTOS PROJECT AND IN ACCORDANCE WITH SECTION 028200 - ASBESTOS ABATEMENT.
3. DISTURBANCE INCLUDES, WITHOUT LIMITATION:
   A. REMOVAL OF PAINTED BLOCK WALLS;
   B. REMOVAL OF FIXTURES / CONSTRUCTION THAT IMPACTS PAINTED BLOCK WALLS;
   C. INSTALLATION OF NEW CONSTRUCTION THAT IMPACTS PAINTED BLOCK WALLS OR;
   D. PREPARING PAINTED BLOCK WALLS FOR PAINTING WHERE SANDING, SCRAPING OR SIMILAR ACTIVITIES OCCUR.
4. COORDINATE EXTENTS OF REMOVALS AND LOCATIONS OF ATTACHMENTS WITH OTHERS.
5. PERFORM REMOVALS SUCH THAT ALL PAINT REMAINING BEYOND THE LIMITS OF REMOVAL IS INTACT AND FIRMLY ADHERED. PERFORM REMOVALS SUCH THAT A CLEAN, STRAIGHT EDGE IS PROVIDED AT THE LIMIT OF PAINT REMOVAL. ENCAPSULATE EDGE OF REMAINING PAINT WITH 2 LAYERS OF FULL STRENGTH BRIDGING ENCAPSULANT.

Legend

(A) REMOVE ELECTRICAL PANEL FROM CMU WALL WITH ASBESTOS AND LEAD CONTAINING PAINT. INSTALL NEW ELECTRICAL PANEL AT WALL WITH ASBESTOS CONTAINING PAINT UPON COMPLETION OF ELECTRICAL WORK.

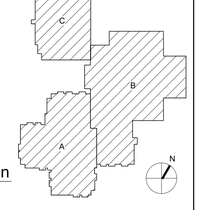
(B) ENLARGE OPENINING IN CMU WALL WITH ASBESTOS AND LEAD CONTAINING PAINT AS REQUIRED TO ACCOMODATE SCHEDULED WORK. COORDINATE EXACT LIMIT OF REMOVALS REQUIRED WITH ELECTRICAL CONTRACTOR AND ARCHITECTURAL DRAWINGS.

Asbestos Abatement General Notes

1. CONTRACTOR PERFORMING ANY AND ALL ASBESTOS ABATEMENT WORK SHALL BE A NYSDOL LICENSED ASBESTOS CONTRACTOR.
2. PERFORM ALL WORK IN ACCORDANCE WITH SPECIFICATION SECTION 02 82 00 - ASBESTOS ABATEMENT.
3. ASBESTOS CONTAINING MATERIALS SHALL BE ABATED IN ACCORDANCE WITH THE DRAWINGS AND SECTION 02 82 00 PRIOR TO ANY GENERAL DEMOLITION WORK THAT COULD DISTURB THOSE MATERIALS.
4. DO NOT SCALE DRAWINGS.
5. COORDINATE ALL WORK WITH OTHER CONTRACTORS.
6. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY AND ALL VARIANCES FROM INDUSTRIAL CODE RULE 56, WHICH ARE DESIRED OR NECESSARY TO PERFORM THE WORK.
7. REMOVE ALL ABATED MATERIALS FROM THE WORK AREA AND /OR BUILDING IN SEALED BAGS, DRUMS OR PLASTIC SHEETING.
8. WHERE INTERIOR ABATEMENT OCCURS, ISOLATE THE WING OR MAJOR SECTION OF THE BUILDING, FROM OCCUPIED PORTIONS OF THE BUILDING WITH SEALED ISOLATION BARRIERS CONSTRUCTED OF NON-COMBUSTIBLE MATERIALS. THE ISOLATED PORTION OF THE BUILDING MUST CONTAIN EXITS THAT DO NOT PASS THROUGH THE OCCUPIED PORTION OF THE BUILDING AND VENTILATION SYSTEMS SHALL BE PHYSICALLY SEPARATED AND SEALED AT THE ISOLATION BARRIER.

Lead Safe Work Practices

1. EACH PRIME CONTRACTOR IS RESPONSIBLE FOR THEIR OWN WORK WHICH WILL DISTURB LEAD PAINTED OR CONTAINING MATERIALS IN AN AUXILIARY MANNER. CONTRACTOR RESPONSIBLE FOR ABATEMENT SHALL BE RESPONSIBLE FOR ALL LEAD WORK EXPLICITLY INDICATED HEREIN.
2. LEAD BASED PAINT HAS BEEN IDENTIFIED ON:
   A. SHEETROCK WALL
   B. SHEETROCK WINDOW PANEL
   C. CONCRETE / BLOCK WALL
   D. METAL I BEAM
   E. METAL BAR JOIST
   F. METAL COLUMN
   G. METAL DOOR JAMB
   H. FABRIC DUCTWORK
   I. WOOD WALL
   J. METAL PIPE
   K. METAL SHELF
   L.
3. PERFORM ALL WORK THAT WILL DISTURB LBP IN ACCORDANCE WITH SECTION 02 83 00 - LEAD-SAFE WORK PRACTICES.
4. WHERE REMOVAL OF A COMPONENT IS INDICATED, REMOVE AND DISPOSE OF THE ENTIRE COMPONENT AND REMOVE RESIDUAL PAINT FROM ADJACENT SURFACES.



Key Plan
N.T.S.

S.E.D. Control No. 61-06-00-01-0-027-018

Rev. No.:	Date:	Description:

Ithaca City School District

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Tetra Tech Engineers, Architects & Landscape Architects, P.C.

BID SET

TETRA TECH ARCHITECTS & ENGINEERS

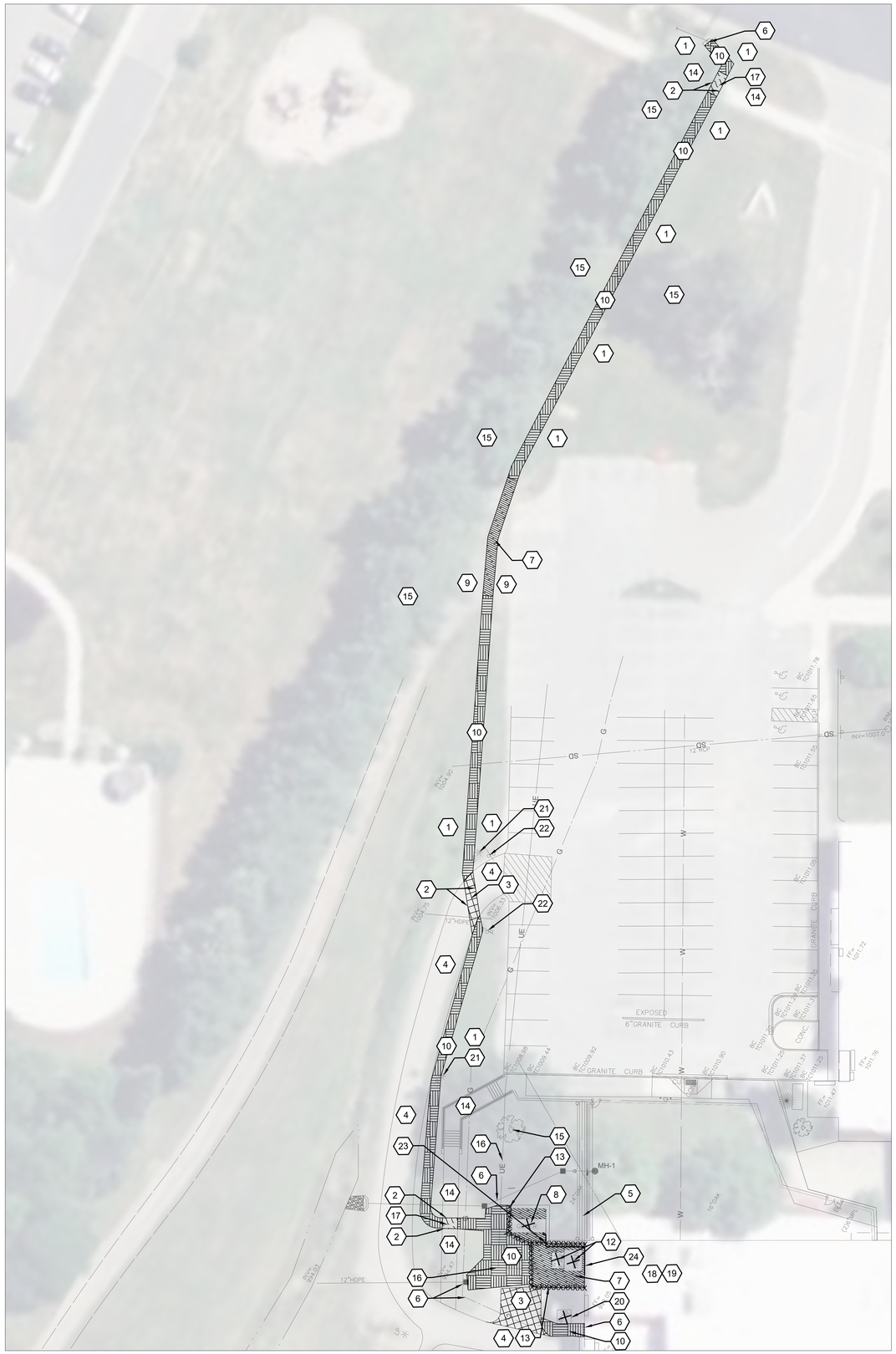
Ithaca City School District
Ithaca, NY

Reconstruction to:
Dewitt Middle School

First Floor Abatement Plan

Drawn By:	Date:	Drawing Number:
TJT	07/11//2025	CH100

Project No.: 214159-25001


MH-1
EXPOSED 6"GRANITE CURB
GRANITE CURB
CONC.
12"HDPE
OS
INV=1007.0
INV=1004.90
INV=1003.90
INV=1002.3
INV=1001.72
INV=1001.47
INV=1000.44
INV=1000.98
INV=1000.92
INV=1000.43
INV=1000.80
INV=1001.25
INV=1001.37
INV=1001.32
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INV=1001.58
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INV=1001.35
INV=1001.31
INV=1001.29
INV=1001.27
INV=1001.22
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INV=1001.15
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INV=1001.09
INV=1001.07
INV=1001.05
INV=1001.03
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INV=1000.99
INV=1000.97
INV=1000.95
INV=1000.93
INV=1000.91
INV=1000.89
INV=1000.87
INV=1000.85
INV=1000.83
INV=1000.81
INV=1000.79
INV=1000.77
INV=1000.75
INV=1000.73
INV=1000.71
INV=1000.69
INV=1000.67
INV=1000.65
INV=1000.63
INV=1000.61
INV=1000.59
INV=1000.57
INV=1000.55
INV=1000.53
INV=1000.51
INV=1000.49
INV=1000.47
INV=1000.45
INV=1000.43
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INV=1000.37
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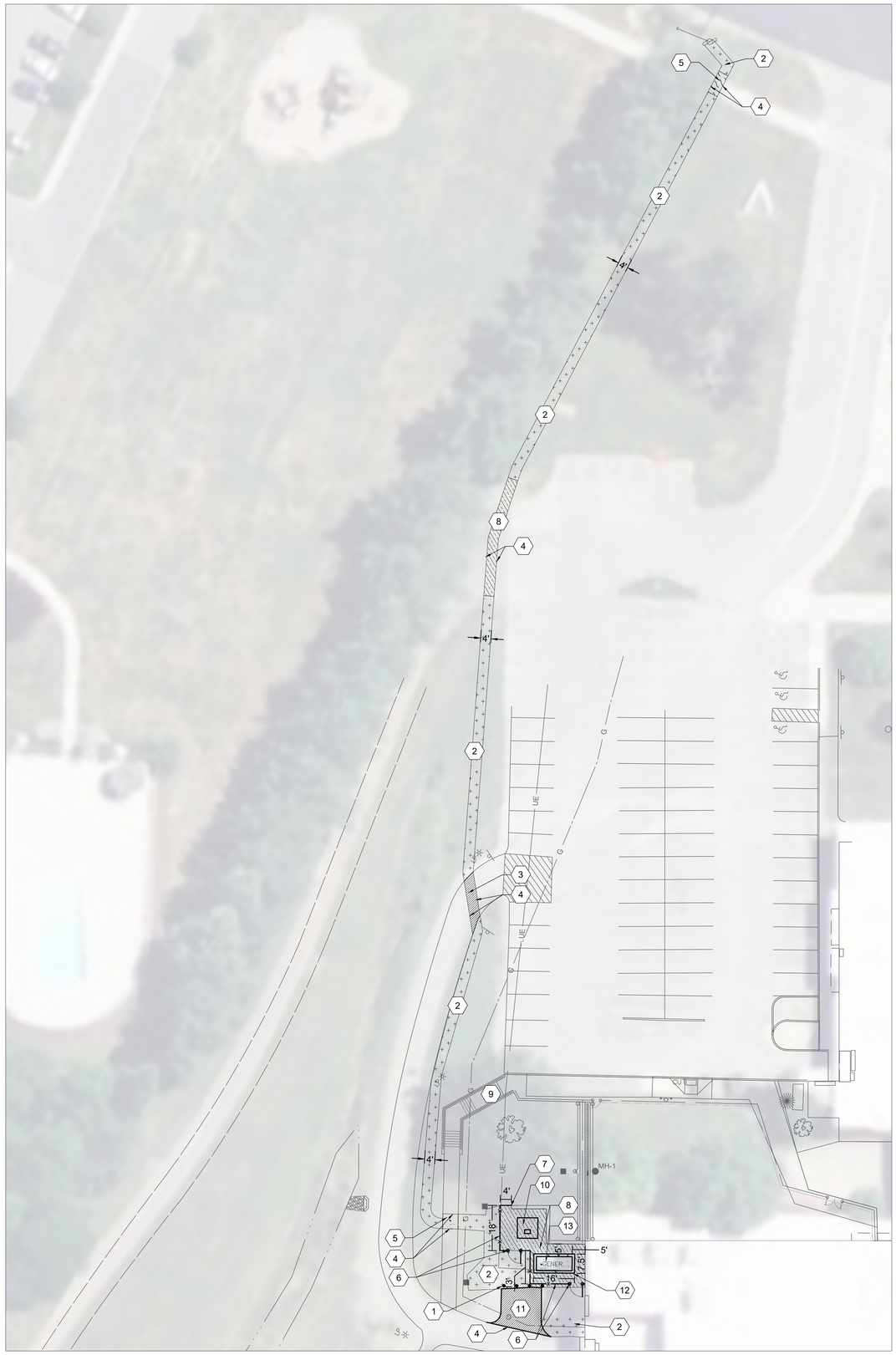
INV=1000.33
INV=1000.31



1 Site Layout Plan
1" = 20'

0 10' 20' 40'
SCALE: 1" = 20'

Site Layout Keynotes

1. PROVIDE BOLLARDS (4). SEE DETAIL 13 / ZC500
2. SEEDED AREA - PROVIDE 6" OF AMENDED TOPSOIL, FINE GRADE, SEED, FERTILIZE AND MULCH. SEE DETAIL 7 / ZC500.
3. ASPHALT PAVING PATCH. SEE DETAIL 3 / ZC500.
4. SMOOTH TRANSITION FROM PROPOSED SURFACE TO ADJACENT EXISTING AND NEW SURFACES, TYPICAL.
5. CONCRETE PAVING. SEE DETAILS 9 AND 10 / ZC500.
6. 6-FT TALL BLACK VINYL CLAD CHAIN LINK W / 5'-0" WIDE SINGLE SWING GATE. SEE DETAILS 2 AND 5 / ZC500.
7. END NEW CHAIN LINK FENCE AT CONCRETE RETAINING WALL.
8. GRAVEL PAVEMENT. SEE DETAIL 1 / ZC500.
9. EXISTING CONCRETE WALK AND STAIRS.
10. NEW ELECTRICAL VAULT. SEE SHEETS BC140 AND 4 / BE501.
11. AUTO DUTY ASPHALT PAVING. SEE DETAIL 12 / ZC500.
12. EQUIPMENT PAD. SEE DETAIL 11 / ZC500
13. RELOCATED EXISTING GENERATOR.

Site Layout Legend

	CONCRETE PAVING
	GRAVEL PAVEMENT
	ASPHALT PAVING - PATCH
	TOPSOIL, LAWN SEEDING & MULCHING

General Site Notes

1. REFER TO DRAWING CC100 FOR GENERAL SITE NOTES THAT APPLY TO ALL C-SERIES DRAWINGS.

Site Layout Notes

1. LAYOUT DIMENSIONS GIVEN ARE FROM FACE OF BUILDING (FOB), FACE OF CURB (F.O.C.), CENTER LINE (CL) AND EDGE OF PAVEMENTS UNLESS OTHERWISE NOTED.
2. OBJECTS ARE PARALLEL OR PERPENDICULAR TO EACH OTHER UNLESS OTHERWISE NOTED.
3. PAINTED TRAFFIC MARKINGS AND TRAFFIC SIGNS TO COMPLY WITH THE LATEST EDITION OF THE NYSDOT MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND LOCAL REQUIREMENTS.
4. VERIFY DIMENSIONS IN FIELD WITH OWNER'S REPRESENTATIVE ANY DIMENSIONS NOTED AS "V.I.F."
5. AT EDGE OF NEW PAVING MEETING LAWN: ADD TOPSOIL ALONG EDGE OF NEW PAVING TO BRING ADJACENT GRADE FLUSH WITH EDGE OF NEW PAVING AT MAXIMUM 3% SLOPE. CUT NEAT LINE IN EXISTING LAWN AT NEW TOPSOIL LIMIT LINE. REFER TO PROJECT MANUAL SIDEWALK AND ASPHALT PAVEMENT SECTIONS FOR ADDITIONAL REQUIREMENTS.
6. SCORE CONCRETE SIDEWALKS AT 5-FT SQUARE UNLESS OTHERWISE NOTED.

S.E.D. Control No. 61-06-00-01-0-027-016

Rev. No.:	Date:	Description:

Ithaca CITY SCHOOL DISTRICT

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Tetra Tech Engineers, Architects & Landscape Architects, P.C.

BID SET

TETRA TECH ARCHITECTS & ENGINEERS

Ithaca City School District
Ithaca, NY

Reconstruction to:
Dewitt Middle School

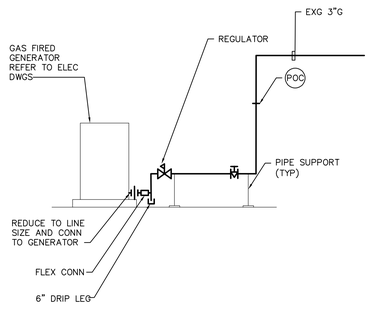
Site Layout Plan

Drawn by:	Date:	Drawing No.:
LGB	05/8/2026	CC120

T+ Project No.: 214159-25001

I Site Utility Plan
1" = 20'

0 10' 20' 40'
SCALE: 1" = 20'



I Gas Piping Schematic
NTS

General Utility Plan Notes

1. CONTRACTOR IS RESPONSIBLE FOR REPAIRS OR DAMAGE TO ANY EXISTING UTILITY DURING CONSTRUCTION AT NO COST TO THE OWNER.
2. SEE PROJECT MANUAL FOR BACKFILLING AND COMPACTION REQUIREMENTS FOR UTILITY TRENCHES.
3. FILL MATERIAL IS TO BE IN PLACE AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
4. ALL WATER AND OTHER UTILITIES SHOULD BE KEPT TEN-FEET (10-FT) APART (PARALLEL) OR WITH 18 INCH CLEARANCE WHEN CROSSING VERTICALLY(OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE.)
5. LINES UNDERGROUND SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
6. TOPS OF EXISTING MANHOLES, DRAINAGE INLETS, HYDRANTS AND WATER LINE VALVE BOXES SHALL BE RAISED AS NECESSARY TO BE FLUSH WITH PROPOSED PAVEMENT ELEVATIONS.
7. DRAWINGS DO NOT PURPORT TO SHOW ALL EXISTING UTILITIES.
8. EXISTING UTILITIES SHALL BE VERIFIED IN FIELD PRIOR TO INSTALLATION OF ANY NEW LINES.
9. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND/OR MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. CONTRACTOR TO REFER TO PROJECT MANUAL REGARDING COORDINATION WITH UTILITY COMPANIES BEFORE ANY EXCAVATION REGARDING FIELD LOCATION OF UTILITIES.
10. THE CONTRACTOR SHALL CONDUCT REQUIRED TESTS TO THE SATISFACTION OF THE RESPECTIVE UTILITY COMPANIES AND THE OWNER'S INSPECTING AUTHORITIES.
11. CONTRACTOR SHALL COMPLY TO THE FULLEST EXTENT WITH THE LATEST STANDARDS OF OSHA DIRECTIVES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BENCHING, AND OTHER MEANS OF PROTECTION. THIS TO INCLUDE BUT IS NOT LIMITED TO ACCESS AND EGRESS FROM ALL EXCAVATION AND TRENCHING. CONTRACTOR IS RESPONSIBLE TO COMPLY WITH PERFORMANCE CRITERIA FOR OSHA.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEWATERING, PUMPING AND TREATMENT OF WATER. NO WATER FROM ANY CONSTRUCTION WORK, PROCESS OR AREA SHALL BE RELEASED DOWN STREAM OR INTO STORM SYSTEMS WITH OUT FIRST BEING TREATED TO REMOVE SEDIMENT, OILS, OR OTHER POLLUTANTS.

Site Utility and Drainage Keynotes

1. ELECTRICAL VAULT. SEE DETAIL 4 / BE501.
   TOP OF VAULT = 999.50
   FG = 999.00
   BOTTOM OF VAULT = 996.50
   6" UNDERDRAIN INV OUT = 995.83
2. UD-1: 27-LF @ 1.00%. SEE DETAILS 4 AND 6 / ZC500.
3. ELECTRICAL SUPPLY TO ELECTRICAL VAULT. SEE DETAIL 4 / BE501. REFER TO DETAIL 2 / BE700 FOR CABLE SIZING.
4. PROVIDE CONDUITS IN TRENCH SEE DETAIL 2 / BE501. REFER TO DETAIL BE700 FOR CONDUCTOR AND CONDUIT SIZING.
5. NEW ELECTRICAL SERVICE TO BUILDING. REFER TO ELECTRICAL PLANS. EXISTING FEED WILL REMAIN UNTIL NEW SERVICE IS INSTALLED.
6. EXISTING CONCRETE 24-IN BY 24-IN STORM INLET (DS-1). SEE DETAIL 1 / ZC502
   TOP OF GRATE = 996.50
   NEW 6-IN (SW) INVERT IN = 995.00
   EX.12-IN (NE) INVERT OUT = 994.58

   CORE AND SEAL UNDERDRAIN CONNECTION TO DRAINAGE STRUCTURE.
7. PIPE CROSSING. SEE DETAIL 8 / ZC500.
8. P.O.C. (POINT OF CONNECTION)
9. PROVIDE 49" BY 127" CONCRETE PAD FOR GENERATOR. COORDINATE GAS AND ELECTRIC PENETRATIONS BASED ON EQUIPMENT REQUIREMENTS. REFER TO DETAIL 5 ON SHEET BE501 FOR THE CONCRETE PAD INSTALLATION.
10. REINSTALL GENERATORS ON CONCRETE PAD. CONNECT TO GAS LINE AS INDICATED.
11. PROVIDE (4) #4/0, #4G IN 2"C FROM GENSET TO ATS IN BOILER ROOM. PROVIDE RS232 CABLING FROM GENSET TO ATS FOR STATUS MONITORING. REUSE PROTECTED SLEEVE INTO BUILDING.
12. EXTEND EACH CIRCUIT ASSOCIATED WITH GENERATOR BATTERY CHARGER, BLOCK HEATER, AND SPARE FEED AT GENERATOR. MATCH EXISTING CONDUCTOR SIZING, ASSUMING (2) #12, #12G IN 3/4"C FOR EACH OF (3) CIRCUITS.
13. EXISTING ELECTRICAL SERVICE TO REMAIN UNTIL DECOMMISSIONED.

General Site Notes

1. REFER TO DRAWING CC100 FOR GENERAL SITE NOTES THAT APPLY TO ALL BC-SERIES DRAWINGS.

General Grading Plan Notes

1. ALL FILL MATERIALS, INCLUDING ON-SITE MATERIALS, ARE TO BE SUBMITTED FOR ARCHITECT APPROVAL BEFORE PLACEMENT. REFER TO EARTH MOVING SPECIFICATION FOR REQUIREMENTS.
2. ALL CUT OR FILL SLOPES SHALL BE 3:1 OR FLATTER UNLESS OTHERWISE NOTED.
3. EXCESS MATERIAL CUT FROM THE SITE (WITH THE EXCEPTION OF TOPSOIL) SHALL BE REMOVED FROM THE SITE AND LEGALLY DISPOSED OF PER THE PROJECT MANUAL.
4. OWNER'S GEOTECHNICAL ENGINEER TO BE PRESENT FOR ALL FILL AND COMPACTION OPERATIONS, INCLUDING TRENCHES AND STORMWATER STRUCTURES. REFER TO EARTH MOVING SPECIFICATION FOR GEOTECHNICAL TESTING REQUIREMENTS.
5. CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS AND STRUCTURES FOR NATURAL AND PAVED AREAS.
6. SPREAD TOPSOIL TO A MINIMUM DEPTH OF 6-INCHES CONTINUOUS SETTLED DEPTH OVER AREAS OF THE SITE WHERE EARTH HAS BEEN DISTURBED, EXCEPT WHERE BUILDING OR PAVING IS PROPOSED.
7. DISTURBED AREAS THAT ARE NOT RECEIVING PAVEMENT SHALL BE FINE GRADED, SEEDED, FERTILIZED AND MULCHED AS PER THE PROJECT MANUAL.
8. AFTER FINE GRADING IS COMPLETED, INFORM THE OWNER AND A/E SO THAT AN INSPECTION OF THE FINE GRADING CAN TAKE PLACE BEFORE SEEDING IS BEGUN. IF INSPECTION DOES NOT TAKE PLACE, APPROVAL OF LAWN MAY BE DELAYED OR DENIED.
9. PROVIDE GRADE ADJUSTING RINGS OR SHIMS AT DROP-INLETS, CATCH BASINS AND MANHOLES IN AREAS SCHEDULED FOR REPAVING OR REGRADING TO BRING RIMS UP TO LEVEL OF NEW FINISHED GRADE.
10. EXISTING AND PROPOSED GRADE CONTOUR INTERVALS SHOWN AT 1-FOOT INTERVALS.
11. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING LIDS.
12. IF APPLICABLE, THE CONTRACTOR SHALL ADHERE TO ALL TERMS & CONDITIONS AS OUTLINED IN THE GENERAL NEW YORK STATE S.P.D.E.S. PERMIT AND PROJECT S.W.P.P.P. FOR STORMWATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES.
13. CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.

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TETRA TECH
ARCHITECTS & ENGINEERS

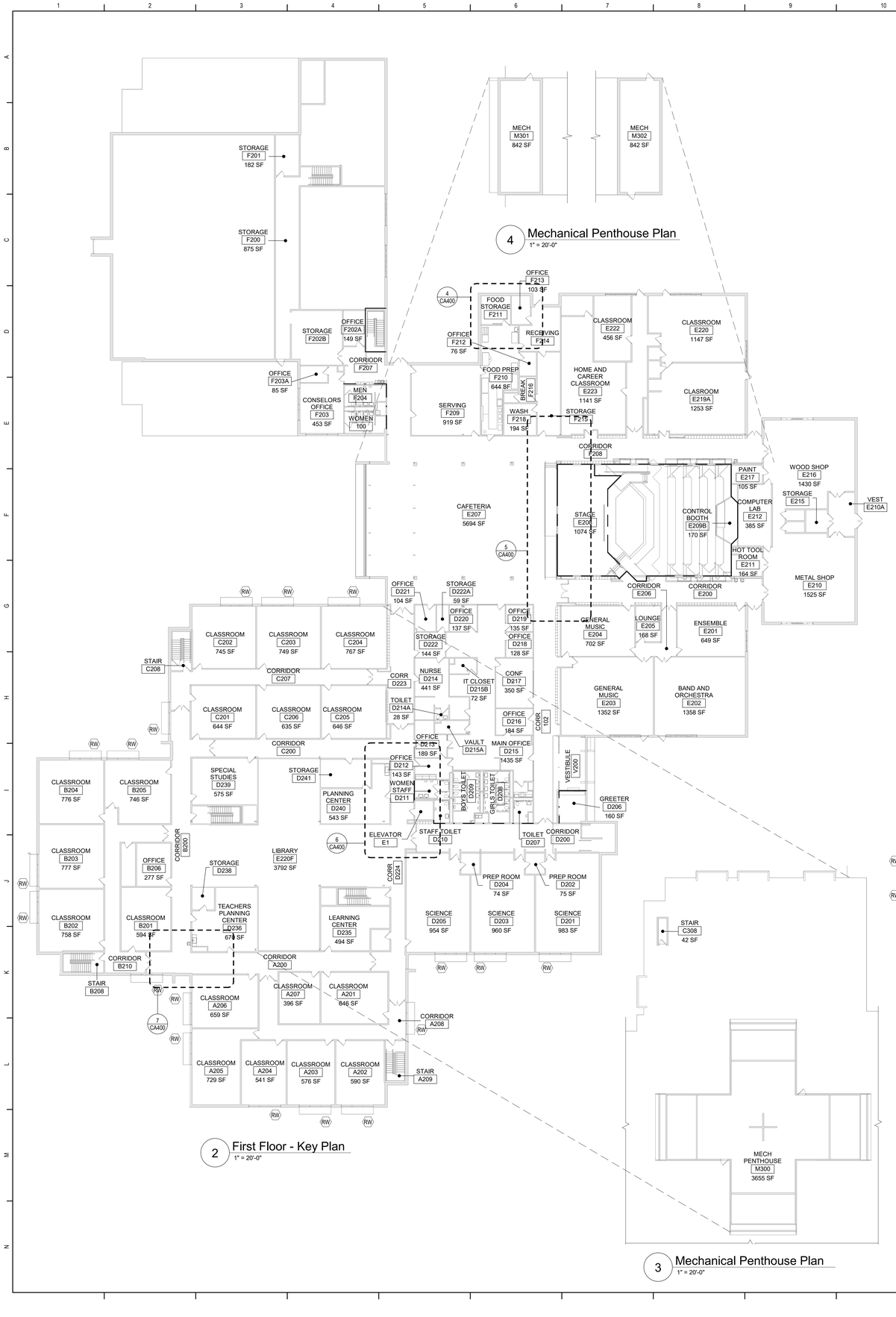
Ithaca City School District
Ithaca, NY

Reconstruction to:
Dewitt Middle School

Site Utility Plan

Drawn by:	Date:	Drawing No.:
JRS	05/8/2026	CC140

T+ Project No.:
214159-25001



Code Compliance Review

PROJECT LOCATION:
560 WARREN ROAD, ITHACA, NY
BOUNDED BY WARREN ROAD TO THE EAST, WINTHROP DRIVE TO THE SOUTH, THE EXISTING BUILDING IS LOCATED TO THE SOUTH OF THE ITHACA AIRPORT AND SOUTHEAST OF CAYUGA LAKE.

PROJECT DESCRIPTION:

WORK GENERALLY CONSISTS OF THE FOLLOWING:
ALTERATIONS - LEVEL 1
- REPLACEMENT OF ELECTRICAL SERVICE
- REPLACEMENT OF ELECTRICAL DISTRIBUTION PANELS AND SUB PANELS.

APPLICABLE CODES AND STANDARDS:

BASED ON THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE INCLUDING APPLICABLE 2018 ICC CODES AND 2020 BUILDING CODES of NYS, AND ICC A117.1-2017 STANDARD FOR ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES AND MANUAL OF PLANNING STANDARDS 2022.

REFER TO PROJECT MANUAL FOR REQUIREMENTS STATED IN "NYCRR 155 REGULATIONS OF THE COMMISSIONER OF EDUCATION".

BUILDING DATA:

BUILDING: DEWITT MIDDLE SCHOOL
560 WARREN ROAD
ITHACA, NY 14850

DESCRIPTION: TWO STORY, STEEL FRAMED BUILDING.

YEAR BUILT: 1971 (ANTON J EGNER & ASSOCIATES)

BUILDING AREA: "B1"

1ST FLOOR	71,502 SQFT
2ND FLOOR	60,343 SQFT
PENTHOUSE	5,606 SQFT

TOTAL GROSS AREA= 137,451 SQFT

CODE DATA SUMMARY:

USE GROUP: E : EDUCATION

CONSTRUCTION TYPE: IIB

PATH OF CODE COMPLIANCE:

2018 IEBC CODES AND 2020 EXISTING BUILDING CODE of NYS
301.3.2 WORK AREA COMPLIANCE METHOD

CHAPTER 6 - CLASSIFICATION OF WORK
602 ALTERATION - LEVEL 1 (CHAPTER 7)
603 ALTERATION - LEVEL 2 (CHAPTER 8)

CHAPTER 8 - MINIMUM FIXTURES
809.1 OCCUPANCY IS NOT INCREASED THEREFORE NO INCREASE TO PLUMBING FIXTURE COUNT IS REQUIRED.

CHAPTER 10 - NO CHANGE OF OCCUPANCY

NEW CONSTRUCTION WILL COMPLY WITH REQUIREMENTS OF 2018 ICC CODES AND 2020 BUILDING CODES of NYS

ACCESSIBLE ROUTE AND ACCESSIBLE ENTRANCES:
NA

EXIT TRAVEL DISTANCE (PER TABLE 1017.2):
NA

STAIR AND OTHER EXIT WIDTH CALCULATIONS (PER 1005.3.1 AND 1005.3.2):
NA

UL DESIGN NUMBERS:

1 HR. BLOCK PARTITIONS	UL# U905
2 HR. BLOCK PARTITIONS	UL# U905

NOTES:
1. RATING PROVIDED BY 4" SOLID CONCRETE MASONRY UNITS - DETERMINATION OF EQUIVALENT THICKNESS OF CMU REQUIRED IS BASED ON SECTION 721 PRESCRIPTIVE FIRE RESISTANCE, TABLE 721.1 (2) RATED FIRE RESISTANCE PERIODS FOR VARIOUS WALLS AND PARTITIONS, ITEM NUMBER 3-1.2
2. ALL CMU CONSTRUCTION SHALL MEET FIRE RESISTANCE REQUIREMENTS INDICATED IN CHART OF SAME NAME ABOVE, BLOCK TYPE AS REQUIRED TO COMPLY WITH UL DESIGN NUMBERS AND AS REQUIRED TO COMPLY WITH RATED WALLS INDICATED ON CODE COMPLIANCE DRAWINGS. PROVIDE MINIMUM 4" SOLID CMU AT SUCH LOCATIONS REGARDLESS IF NOTED AS SUCH ON PLAN DETAILS.

General Notes

A. DO NOT SCALE DRAWINGS TO OBTAIN DIMENSIONS.

B. TAKE FIELD MEASUREMENTS TO FIT THE WORK PROPERLY. VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD.

C. REFER INCONSISTENCIES TO ARCHITECT PRIOR TO COMMENCING THE WORK IN AFFECTED AREA.

D. ITEMS ARE SHOWN DIAGRAMMATICALLY ON DRAWINGS. VERIFY SPACE REQUIREMENTS AND DIMENSIONS TO FIT THE WORK PROPERLY.

E. NOTES SHOWN ON ONE DRAWING APPLY TO ALL SIMILAR DRAWINGS.

F. DO NOT DISTURB CONSTRUCTION SUSPECTED OF CONTAINING HAZARDOUS MATERIAL. IF ENCOUNTERED, IMMEDIATELY NOTIFY ARCHITECT, CONSTRUCTION MANAGER AND OWNER.

General Code Notes

A. COORDINATE WITH FLOOR PLANS IMMEDIATELY NOTIFY ARCHITECT OF ANY WALL RATING DISCREPANCIES BETWEEN DRAWINGS AND FIELD CONDITIONS

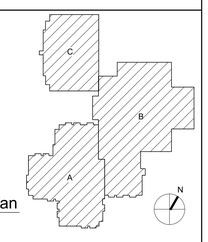
B. AT AREAS OF PROJECT WORK, COMPLETELY SEAL ALL PENETRATIONS REQUIRED TO COMPLY WITH FIRE RESISTANCE RATINGS IDENTIFIED ON THE DRAWINGS, REGARDLESS IF WALL IS NEW OR EXISTING, TYPICAL UNLESS NOTED OTHERWISE.

C. PENETRATIONS AT CORRIDOR WALLS ARE TO BE COMPLETELY SEALED WITH 1 HOUR RATED PENETRATION FIRESTOPPING REGARDLESS OF EXISTING PENETRATIONS OR RATINGS SHOWN ON THIS DRAWING.

Legend

TREAT PENETRATIONS THROUGH EXISTING WALLS AS TYPE INDICATED WITH IDENTIFICATIONS BELOW REGARDLESS OF CONDITION AT OTHER PENETRATIONS.

- 2-HOUR FIRE BARRIER
- 1-HOUR FIRE BARRIER
- 1-HOUR FIRE PARTITION
- (RW) RESCUE WINDOW



Key Plan
N.T.S.

S.E.D. Control No. 61-06-00-01-0-027-018

Rev. No.:	Date:	Description:

Ithaca City School District

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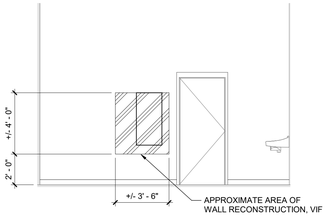
Ithaca City School District
Ithaca, NY

Reconstruction to:
Dewitt Middle School

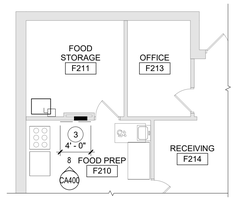
Key Plans and Code Compliance Review

Drawn By:	Date:	Drawing Number:
KRG	07/11/2025	CA050

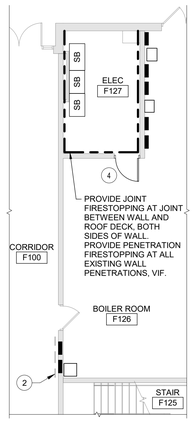
Project No.: 214159-25001



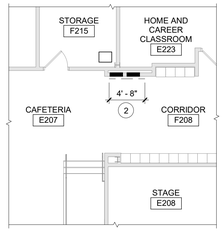
8 Interior Elevation - Food Prep F210
1/4" = 1'-0"

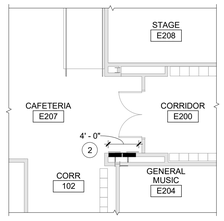


4 Partial Frist Floor Plan - Area B
1/8" = 1'-0"

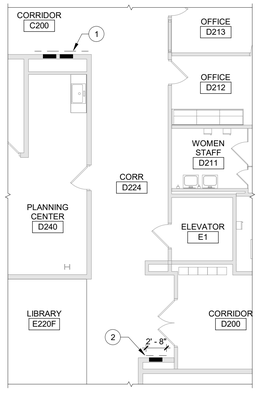


1 Partial Basement Plan - Area C
1/8" = 1'-0"

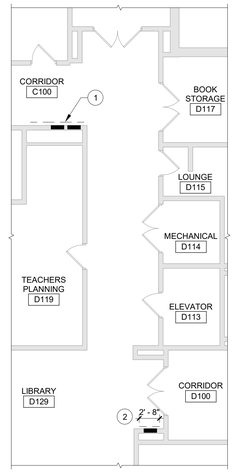




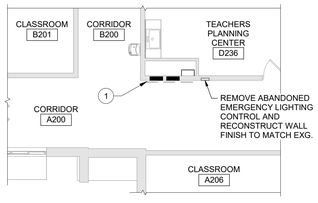
5 Partial Frist Floor Plan - Area B
1/8" = 1'-0"



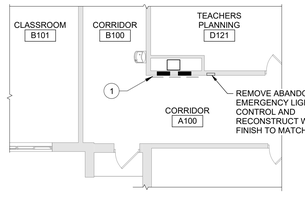
6 Partial Frist Floor Plan - Area A
1/8" = 1'-0"



2 Partial Basement Plan - Area A
1/8" = 1'-0"



7 Partial Frist Floor Plan - Area A
1/8" = 1'-0"



3 Partial Basement Plan - Area A
1/8" = 1'-0"

General Notes

A. DO NOT SCALE DRAWINGS TO OBTAIN DIMENSIONS.

B. TAKE FIELD MEASUREMENTS TO FIT THE WORK PROPERLY. VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD.

C. REFER INCONSISTENCIES TO ARCHITECT PRIOR TO COMMENCING THE WORK IN AFFECTED AREA.

D. ITEMS ARE SHOWN DIAGRAMMATICALLY ON DRAWINGS. VERIFY SPACE REQUIREMENTS AND DIMENSIONS TO FIT THE WORK PROPERLY.

E. NOTES SHOWN ON ONE DRAWING APPLY TO ALL SIMILAR DRAWINGS.

F. DO NOT DISTURB CONSTRUCTION SUSPECTED OF CONTAINING HAZARDOUS MATERIAL. IF ENCOUNTERED, IMMEDIATELY NOTIFY ARCHITECT, CONSTRUCTION MANAGER AND OWNER.

General Demolition Notes

A. – – – REMOVE ITEMS INDICATED BY DASHED LINE.

B. KEYED DEMOLITION TAGS REFER TO SPECIFIC LOCATIONS AS FOLLOWS:

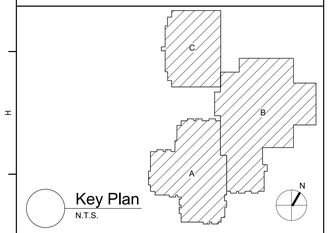
1. DEMOLITION TAGS LOCATED WITHIN THE MIDDLE OF A SPACE REFER TO DEMOLITION OF ALL ITEMS OF THAT SAME TYPE WITHIN THAT ENTIRE SPACE.
2. DEMOLITION TAGS PLACED IMMEDIATELY ON OR ADJACENT TO A DASHED LINE INDICATING ITEM REMOVAL OR THAT HAVE A LEADER POINTING TO SPECIFIC ITEM(S) REFER TO DEMOLITION OF THAT SPECIFIC ITEM ONLY OF THAT TYPE WITHIN THAT SPACE.
3. DEMOLITION TAGS IN SERIES REFER TO DEMOLITION OF ALL THOSE ITEMS EITHER WITHIN THAT ENTIRE SPACE OR TO THE SPACE IDENTIFIED BY THAT LEADER.

C. WHEN AN ITEM IS INDICATED TO BE DEMOLISHED REMOVE ALL ASSOCIATED COMPONENTS AS PART OF THAT WORK.

D. ALL ARTWORK NOT PERMANENTLY AFFIXED TO EXISTING CONSTRUCTION SHALL BE REMOVED AND STORED BY OWNER PRIOR TO BEGINNING DEMOLITION WORK. CONTACT OWNER'S AGENT(S) IF ANY ARTWORK IS ENCOUNTERED PRIOR TO START OF DEMOLITION WORK.

Keyed Plan Notes

1. REMOVE GYPSUM WALL BOARD FINISH AS REQUIRED FOR PANEL AND TRANSFORMER REMOVAL.
PROVIDE GYPSUM BOARD ON EXISTING FRAMING AND FINISH TO MATCH EXISTING ADJACENT WALLS REFER TO DETAIL 9/BA400 FOR WALL TYPE, SIM. PROVIDE ACCESS DOOR WITH LOUVER SIZED LARGER THAN SCHEDULED TRANSFORMER.
2. REMOVE PORTION OF CMU WALL TO 6'-8" ABOVE FINISH FLOOR. PROVIDE LINTEL PER LINTEL SCHEDULE. COORDINATE WITH ABATEMENT DRAWINGS.
INFILL OPENING WITH GYPSUM PARTITION SIMILAR TO DETAIL 9/BA400.
3. REMOVE PORTION OF CMU WALL AS REQUIRED FOR ELECTRICAL PANEL REPLACEMENT. DO NOT DISTURB EXISTING WALL BASE FINISH. VERIFY EXTENT IN FIELD. COORDINATE WITH ABATEMENT DRAWINGS.
RECONSTRUCT MASONRY WALL TO MATCH EXISTING ADJACENT WALL FOR THICKNESS. SEE DETAIL 10/BA400. PAINT ACCENT COLOR TO BE SELECTED BY ARCHITECT.
4. REMOVE EXISTING DOOR AND HARDWARE ONLY. DOOR FRAME TO REMAIN. PROVIDE LABELING OF EXISTING FRAME PER SPECIFICATIONS. PROVIDE HOLLOW METAL DOOR AND DOOR HARDWARE PER HARDWARE SPECIFICATION SET 2.
DOOR FRAME MAY BE REPLACED WITH 90 MINUTE RATED FRAME AT CONTRACTORS OPTION.



Key Plan
N.T.S.

S.E.D. Control No. 61-06-00-01-0-027-018

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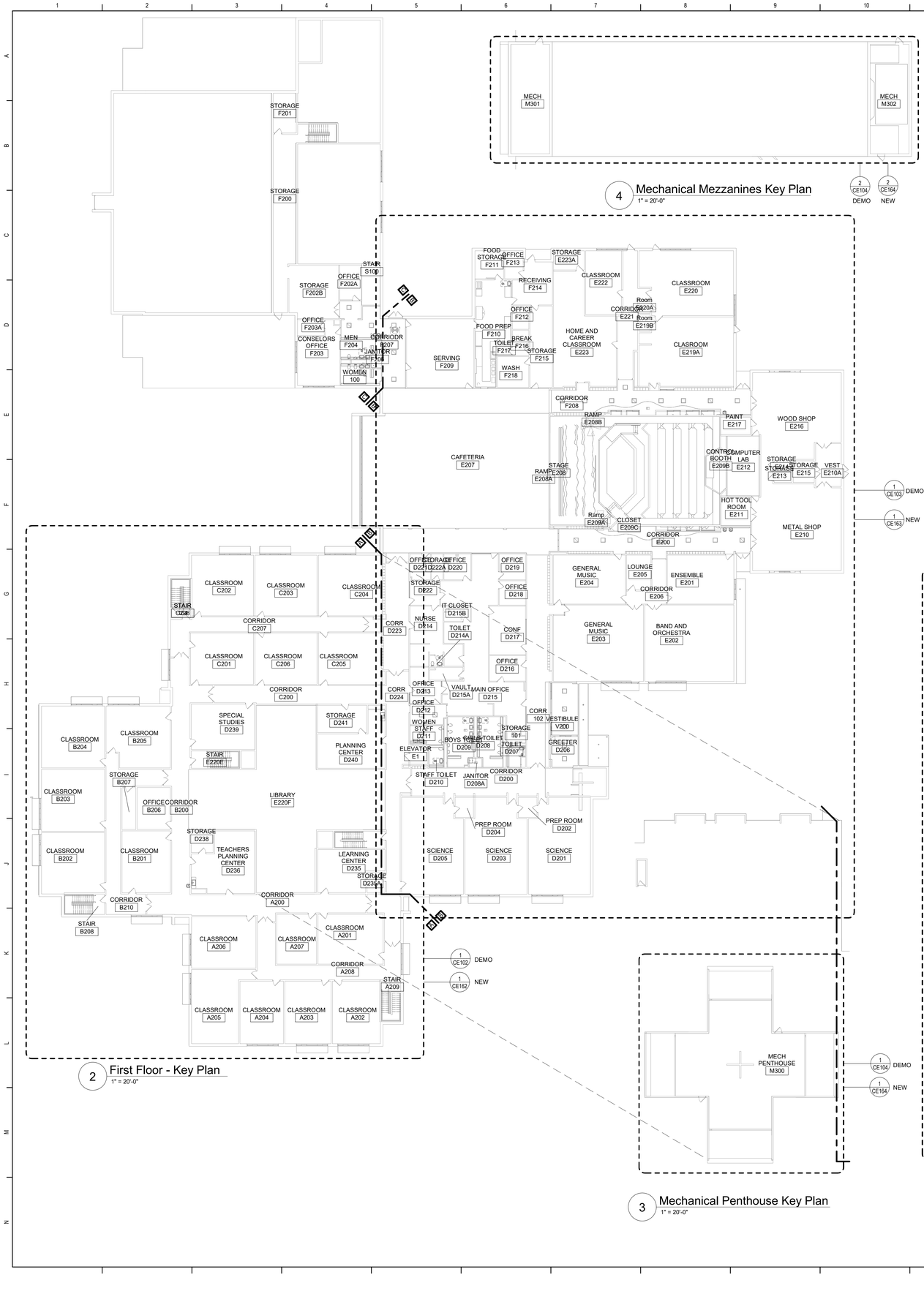
Ithaca City School District
Ithaca, NY

Reconstruction to:
Dewitt Middle School

Enlarged Plans

Drawn By:	Date:	Drawing Number:
KRG	07/11//2025	CA400

Project No.:
214159-25001



4 Mechanical Mezzanines Key Plan
1" = 20'-0"

2 First Floor - Key Plan
1" = 20'-0"

3 Mechanical Penthouse Key Plan
1" = 20'-0"

1 Basement - Key Plan
1" = 20'-0"

General Notes

A. COORDINATE ALL ELECTRICAL WORK AND POWER OUTAGES WITH OWNER AND OTHER TRADES PRIOR TO THE START OF CONSTRUCTION. NO POWER OUTAGES SHALL OCCUR WITHOUT OWNER'S PRIOR KNOWLEDGE AND CONSENT.

B. REFER TO DRAWING G100 FOR STANDARD SYMBOLS AND ABBREVIATIONS.

C. PROPERLY IDENTIFY ALL CIRCUITS AT PANELS AND J-BOXES AND IN ACCORDANCE WITH PROJECT SPECIFICATIONS.

D. PROVIDE ALL ADAPTERS, COUPLINGS AND ASSOCIATED FITTINGS REQUIRED FOR COMPLETE OPERATIONAL SYSTEM.

E. WHEN INSTALLING NEW DEVICES IN EXISTING LOCATIONS, REUSE EXISTING CONDUIT/RACEWAY AND BACK BOXES IF IN GOOD CONDITION. EXTEND/INSTALL NEW CONDUIT/RACEWAY AS REQUIRED FOR PROPER MOUNTING OF DEVICE. CONCEAL ABOVE CEILINGS OR WITHIN WALLS WHERE POSSIBLE. REFER TO SPECIFICATION SECTION 26 05 33.

F. TESTS OF ALL ELECTRICAL WORK SHALL BE PERFORMED IN THE PRESENCE OF THE ENGINEER OR ARCHITECT, AS EQUIPMENT IS INSTALLED AND AS SYSTEMS ARE COMPLETED. IN ADDITION AN ELECTRIC APPROVED CERTIFICATE SHALL BE ISSUED BY AN ELECTRICAL INSPECTION AGENCY.

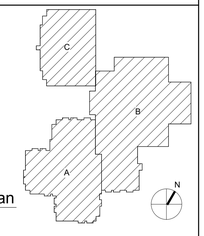
G. UNLESS NOTED ELSEWHERE ON THE CONTRACT DOCUMENTS, THE FOLLOWING LIST REPRESENTS THE TYPICAL MOUNTING HEIGHTS FOR THE DEVICES SHOWN:

1. POWER PANELS.....72" (TO TOP)
2. DISCONNECT SWITCHES.....60" (TO TOP)

THE HEIGHTS INDICATED SHALL BE NOMINAL TO THE BOTTOM OF THE BOX UNLESS NOTED OTHERWISE. MAINTAIN HEIGHT CONSISTENCY BETWEEN NEW AND EXISTING DEVICES.

Asbestos Awareness

1. CMU/BLOCK WALL PAINT AT BOYNTON MS AND DEWITT MS IS ASBESTOS AND LEAD CONTAINING AND IS PRESENT THROUGHOUT THE BUILDING. ASBESTOS PAINT IS LIMITED TO CMU WALLS, AND NOT GYPBOARD WALLS.
2. ALL WORK WHICH WOULD DISTURB CMU WALL PAINT SHALL BE PERFORMED AS AN ASBESTOS ABATEMENT PROJECT. REFER TO HAZARDOUS MATERIAL SERIES DRAWINGS. DISTURBANCE INCLUDES, BUT IS NOT LIMITED TO DETACHMENT OF EXISTING ITEMS FROM THE WALL, ATTACHMENT OF NEW ITEMS TO THE WALL, AND MODIFICATION OF THE WALL/OPENING.
3. ADDITIONAL ASBESTOS AND LEAD CONTAINING ITEMS ARE INDICATED ELSEWHERE WITHIN THE FACILITIES. REFER TO ON-SITE ASBESTOS DOCUMENTATION FOR FURTHER INFORMATION.
4. CMU WALLS WITH ACM/LEAD PAINT HAVE BEEN OBSERVED SUCH THAT THEY DO NOT TYPICALLY EXTEND TO DECK ABOVE. FURTHER, IN AREAS WHERE CMU WALL EXTENDS ABOVE CEILING OR UP TO DECK, ACM PAINT TYPICALLY TERMINATES 4" ABOVE FINISHED CEILING HEIGHT. CONTRACTOR SHALL CHOOSE ROUTING OF WIRING, ETC SUCH THAT ACM WALL PAINT IS NOT DISTURBED. CONTRACTOR RESPONSIBLE TO VERIFY IN FIELD SPECIFIC WALL CONDITIONS IN AREAS OF PROPOSED DISTURBANCE.
5. AT CMU WALLS IN THE MEZZANINES/PENTHOUSES, ACM PAINT IS NOT PRESENT. CMU PAINT IN THE BOILER ROOM IS NON-ACM.
6. ADDITIONALLY, ASBESTOS CONTAINING PIPE FITTING INSULATION MAY EXIST WITHIN WALLS/CHASES AND/OR CEILINGS. WHEN PERFORMING PANEL/AND/OR WIRING REPLACEMENT, CONTRACTOR SHALL TAKE CARE NOT TO DISTURB ACM PIPE FITTING INSULATION.



Key Plan
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S.E.D. Control No. 61-06-00-01-0-027-018

Rev. No.:	Date:	Description:

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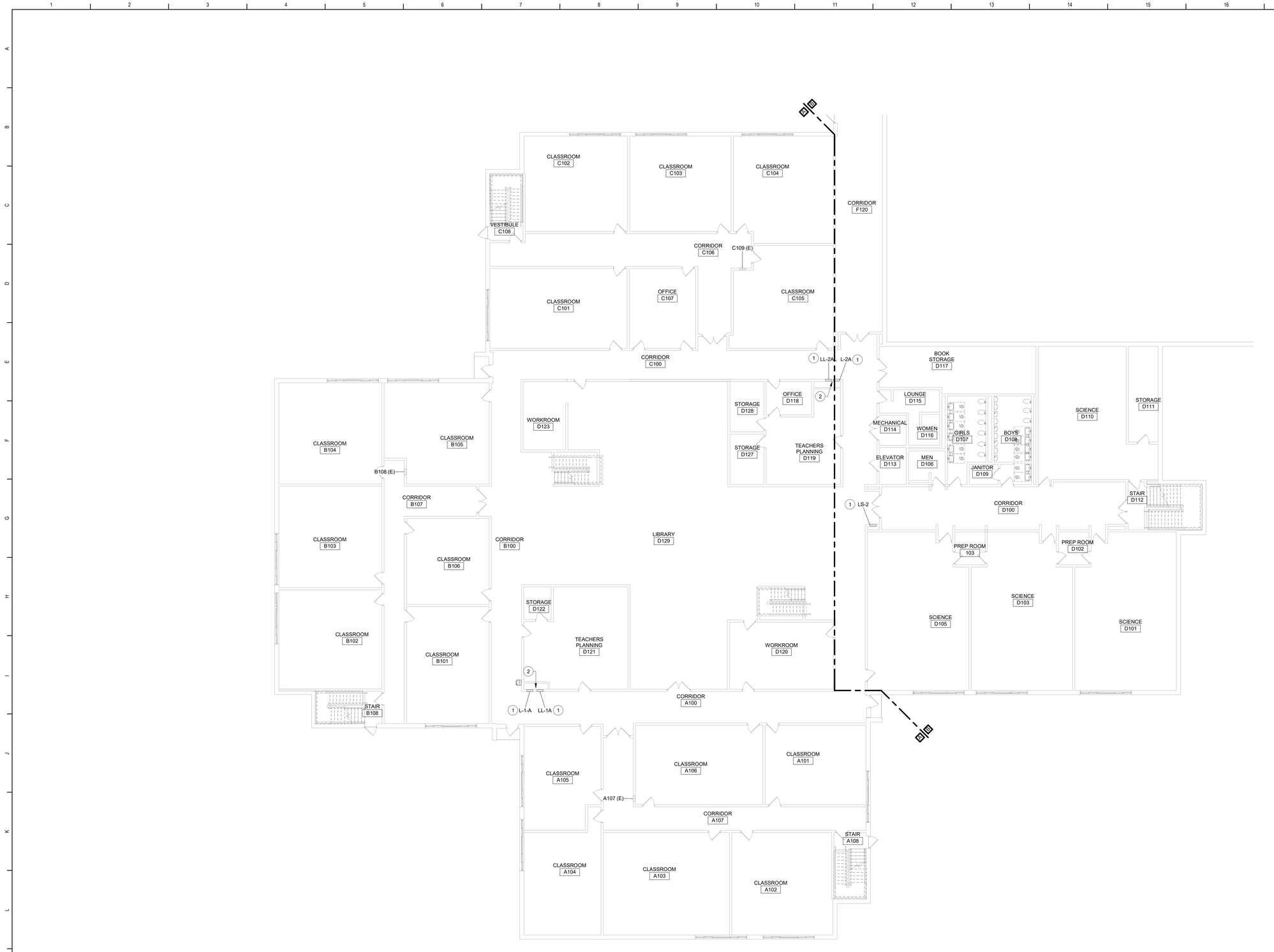
Ithaca City School District
Ithaca, NY

Reconstruction to:
Dewitt Middle School

Key Plan

Drawn By:	Date:	Drawing Number:
TTAE	07/11/2025	CE050
Project No.: 214159-25001		



1 Basement - Demolition Plan - Area A
3/32" = 1'-0"

Demolition General Notes

A. ALL ELECTRICAL DEVICES INTERFERING WITH DEMOLITION WORK SHALL BE DISCONNECTED AND REMOVED, UNLESS OTHERWISE NOTED. EXISTING CIRCUIT WIRING SHALL BE REMOVED BACK TO SOURCE AND PANEL DIRECTORIES MODIFIED ACCORDINGLY.

B. ANY DEVICE INTERFERING WITH DEMOLITION WORK NOT SHOWN ON THESE DRAWINGS SHALL NOT BE REMOVED WITHOUT WRITTEN AUTHORIZATION FROM THE OWNER'S REPRESENTATIVE OR THE ENGINEER.

C. ALL ELECTRICAL DEMOLITION WORK SHALL BE PROPERLY COORDINATED WITH ALL OTHER TRADES.

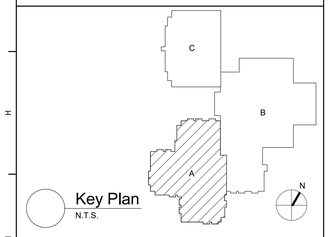
D. REFER TO SPECIFICATIONS SECTION 16010 FOR DEMOLITION REQUIREMENTS.

Keyed Notes

1. DISCONNECT AND REMOVE ELECTRICAL PANEL. DISCONNECT BRANCH CIRCUITS, COIL AND LABEL WIRING FOR RECONNECTION TO REPLACEMENT PANEL. REMOVE PANEL FEEDERS BACK TO SOURCE PANEL/TRANSFORMER - REFER TO DEMOLITION RISER DIAGRAM ON SHEET CE700.
2. DISCONNECT AND REMOVE TRANSFORMER FEEDING DEMOLISHED PANELS. REFER TO RISER DIAGRAM ON SHEET CE700 FOR FULL DEMOLITION SCOPE. MAINTAIN BRACKET FOR MOUNTING REPLACEMENT TRANSFORMER.

General Notes

1. REFER TO SHEET CE050 FOR GENERAL NOTES AND ASBESTOS AWARENESS NOTES.



Key Plan
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Reconstruction to:
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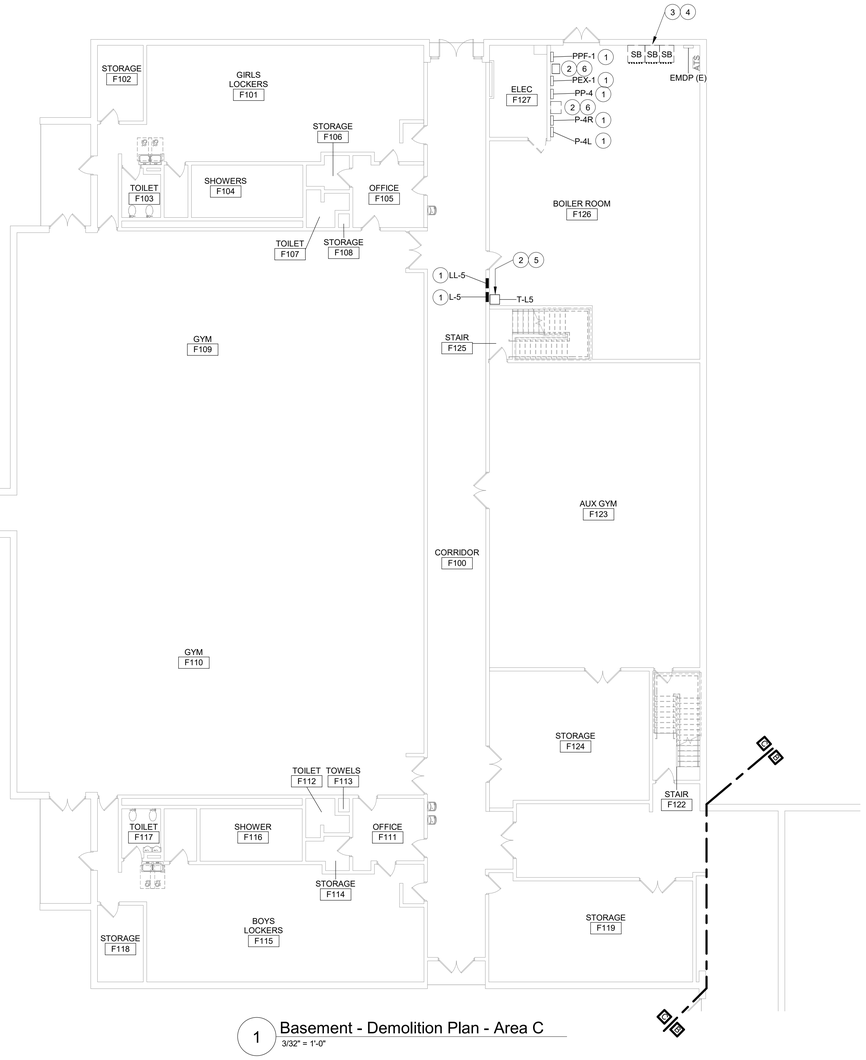
Basement Demolition Plan - Area A

Drawn By:	Date:	Drawing Number:
TTAE	07/11/2025	CE100
Project No.: 214159-25001		



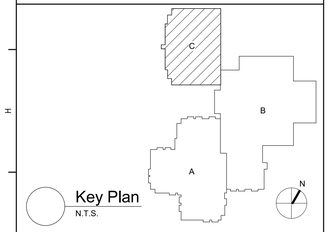
1 Basement - Demolition Plan - Area C
3/32" = 1'-0"

Keyed Notes

1. DISCONNECT AND REMOVE ELECTRICAL PANEL. DISCONNECT BRANCH CIRCUITS, COIL AND LABEL WIRING FOR RECONNECTION TO REPLACEMENT PANEL. REMOVE PANEL FEEDERS BACK TO SOURCE PANEL/TRANSFORMER - REFER TO DEMOLITION RISER DIAGRAM ON SHEET CE700.
2. DISCONNECT AND REMOVE TRANSFORMER FEEDING DEMOLISHED PANELS. REFER TO RISER DIAGRAM ON SHEET CE700 FOR FULL DEMOLITION SCOPE.
3. DISCONNECT AND REMOVE MAIN SWITCHBOARD. REMOVE SERVICE ENTRANCE CONDUCTORS TO EXTERIOR TRANSFORMER. CAP AND SEAL SERVICE ENTRANCE RACEWAY TO EXTERIOR. CONCRETE HOUSEKEEPING PAD TO REMAIN.
4. DISCONNECT CHILLER CIRCUIT FROM MAIN SWITCHBOARD. COIL AND PRESERVE WIRING FOR RECONNECTION TO BREAKER IN REPLACEMENT SWITCHBOARD.
5. MAINTAIN WALL-MOUNTED BRACKET FOR MOUNTING REPLACEMENT TRANSFORMER.
6. REMOVE MOUNTING BRACKET ASSOCIATED WITH TRANSFORMER.

General Notes

1. REFER TO SHEET CE050 FOR GENERAL NOTES AND ASBESTOS AWARENESS NOTES.
2. REFER TO SHEET CE100 FOR DEMOLITION NOTES.



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Reconstruction to:
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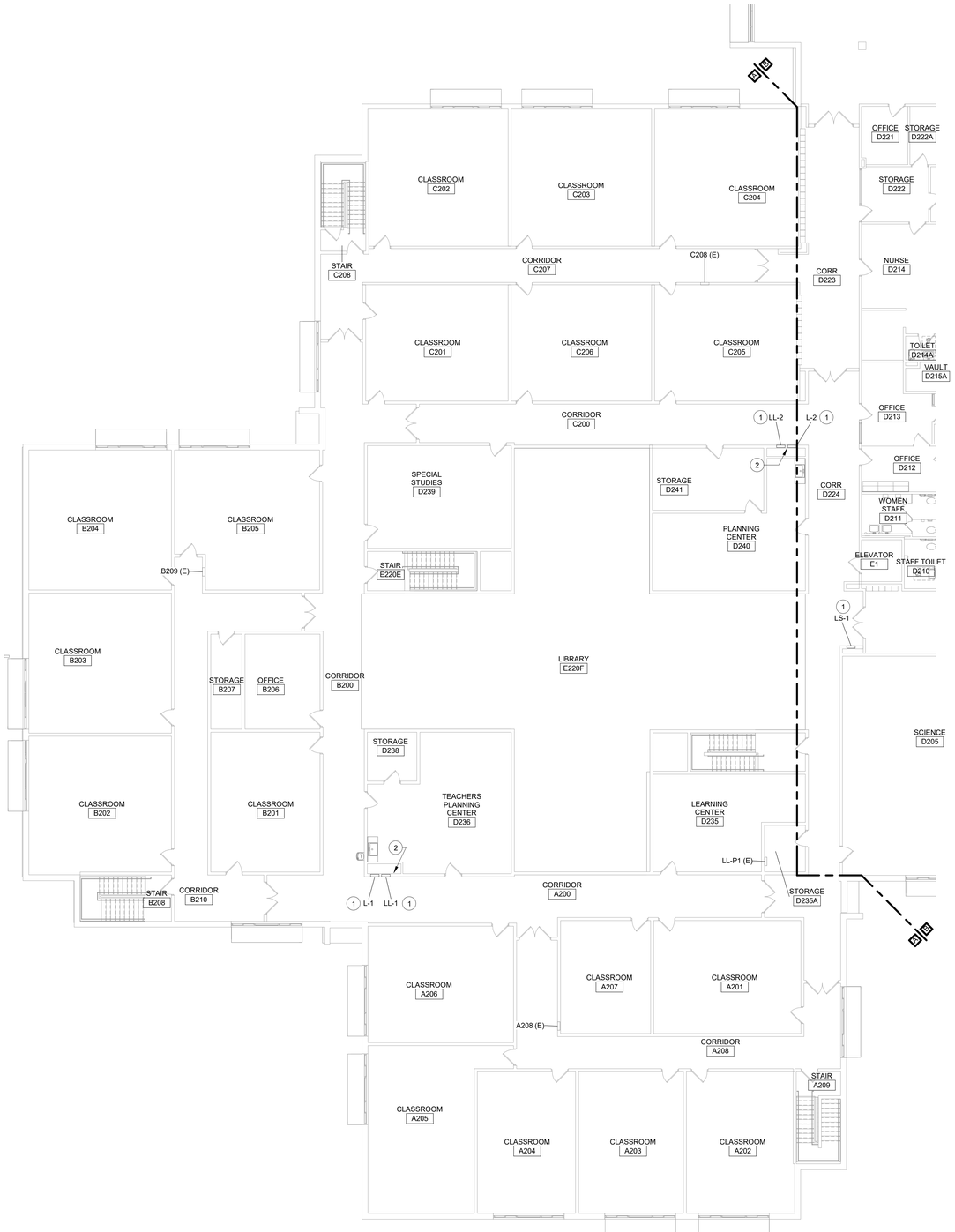
Basement Demolition Plan - Area C

Drawn By:	Date:	Drawing Number:
TTAE	07/11/2025	CE101

Project No.:
214159-25001



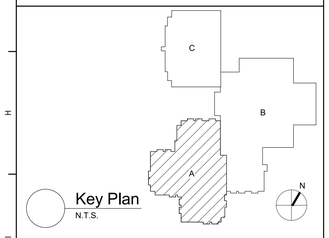
1 First Floor - Demolition Plan - Area A
3/32" = 1'-0"

Keyed Notes

1. DISCONNECT AND REMOVE ELECTRICAL PANEL. DISCONNECT BRANCH CIRCUITS, COIL AND LABEL WIRING FOR RECONNECTION TO REPLACEMENT PANEL. REMOVE PANEL FEEDERS BACK TO SOURCE PANEL/TRANSFORMER - REFER TO DEMOLITION RISER DIAGRAM ON SHEET CE700.
2. DISCONNECT AND REMOVE TRANSFORMER FEEDING DEMOLISHED PANELS. REFER TO RISER DIAGRAM ON SHEET CE700 FOR FULL DEMOLITION SCOPE. MAINTAIN BRACKET FOR MOUNTING REPLACEMENT TRANSFORMER.

General Notes

1. REFER TO SHEET CE050 FOR GENERAL NOTES AND ASBESTOS AWARENESS NOTES.
2. REFER TO SHEET CE100 FOR DEMOLITION NOTES.



Key Plan
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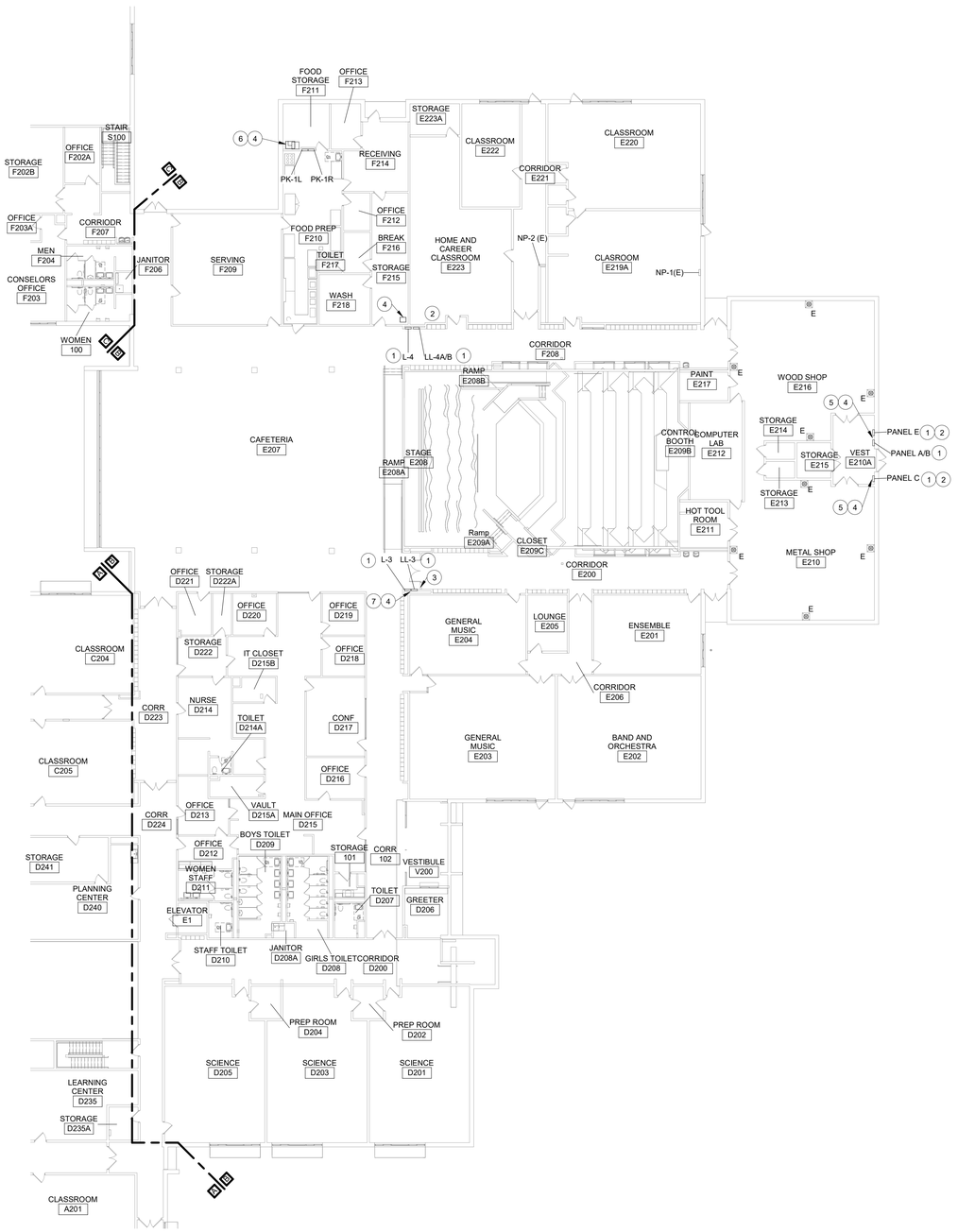
Reconstruction to:
Dewitt Middle School

First Floor Demolition Plan - Area A

Drawn By:	Date:	Drawing Number:
TTAE	07/11/2025	CE102
Project No.: 214159-25001		



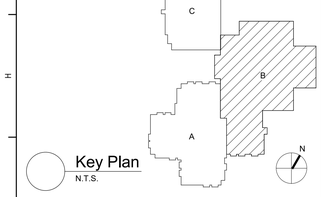
1 First Floor - Demolition Plan - Area B
1/16" = 1'-0"

Keyed Notes

1. DISCONNECT AND REMOVE ELECTRICAL PANEL. DISCONNECT BRANCH CIRCUITS, COIL AND LABEL WIRING FOR RECONNECTION TO REPLACEMENT PANEL. REMOVE PANEL FEEDERS BACK TO SOURCE PANEL/TRANSFORMER - REFER TO DEMOLITION RISER DIAGRAM ON SHEET CE700.
2. REMOVE CONTACTORS AND KEYED SWITCHES ASSOCIATED WITH SHOP PANEL. PRESERVE EMERGENCY STOP SWITCHES FOR RECONNECTION TO CONTACTOR ASSOCIATED WITH REPLACEMENT PANEL. REFER TO KEYED NOTE 1 ON CE600.
3. REMOVE ABANDONED DOOR HOLD OPEN AND ASSOCIATED WIRING.
4. DISCONNECT AND REMOVE TRANSFORMER FEEDING DEMOLISHED PANELS. REFER TO RISER DIAGRAM ON SHEET CE700 FOR FULL DEMOLITION SCOPE.
5. MAINTAIN CEILING-HUNG TRANSFORMER BRACKETS FOR MOUNTING REPLACEMENT TRANSFORMERS.
6. MAINTAIN CONCRETE HOUSEKEEPING PAD FOR MOUNTING REPLACEMENT TRANSFORMER.
7. REMOVE MOUNTING BRACKET ASSOCIATED WITH TRANSFORMER.

General Notes

1. REFER TO SHEET CE050 FOR GENERAL NOTES AND ASBESTOS AWARENESS NOTES.
2. REFER TO SHEET CE100 FOR DEMOLITION NOTES.



Key Plan
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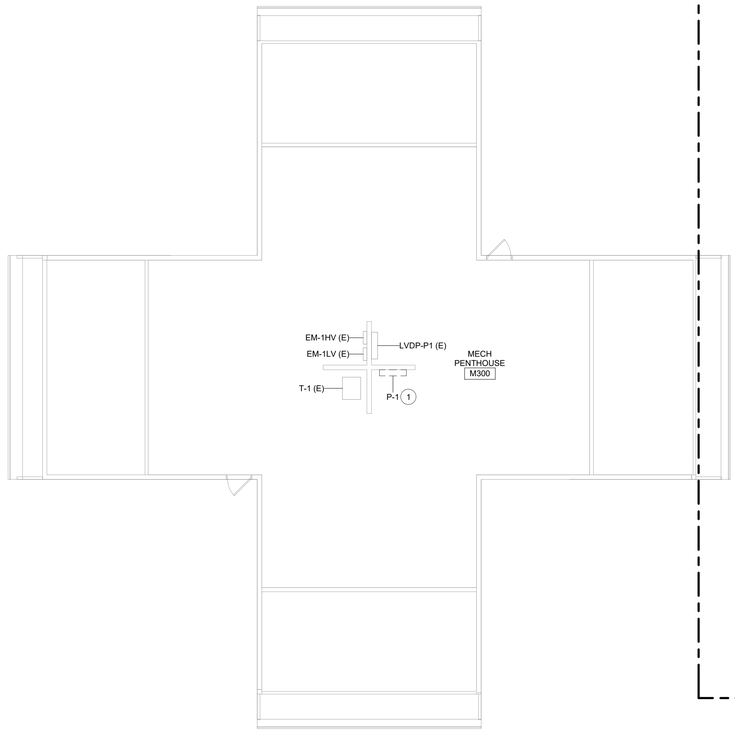
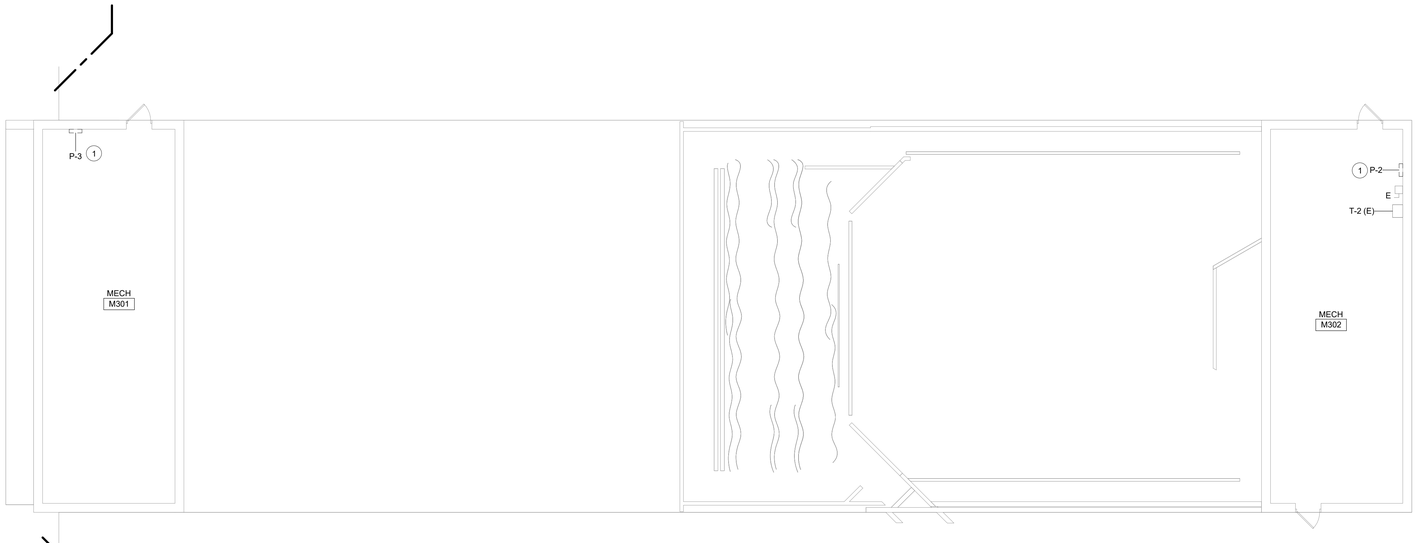
Reconstruction to:
Dewitt Middle School

First Floor Demolition Plan - Area B

Drawn By:	Date:	Drawing Number:
TTAE	07/11/2025	CE103
Project No.: 214159-25001		



1 Roof - Demolition Plan - Area A
1/8" = 1'-0"



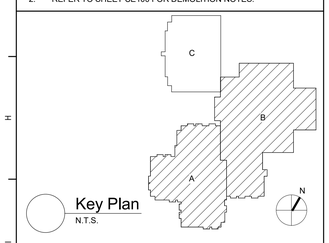
2 Roof - Demolition Plan - Area B
1/8" = 1'-0"

Keyed Notes

1. DISCONNECT AND REMOVE ELECTRICAL PANEL. DISCONNECT BRANCH CIRCUITS, COIL AND LABEL WIRING FOR RECONNECTION TO REPLACEMENT PANEL. REMOVE PANEL FEEDERS BACK TO SOURCE PANEL/TRANSFORMER - REFER TO DEMOLITION RISER DIAGRAM ON SHEET CE700.

General Notes

1. REFER TO SHEET CE050 FOR GENERAL NOTES AND ASBESTOS AWARENESS NOTES.
2. REFER TO SHEET CE100 FOR DEMOLITION NOTES.



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Reconstruction to:
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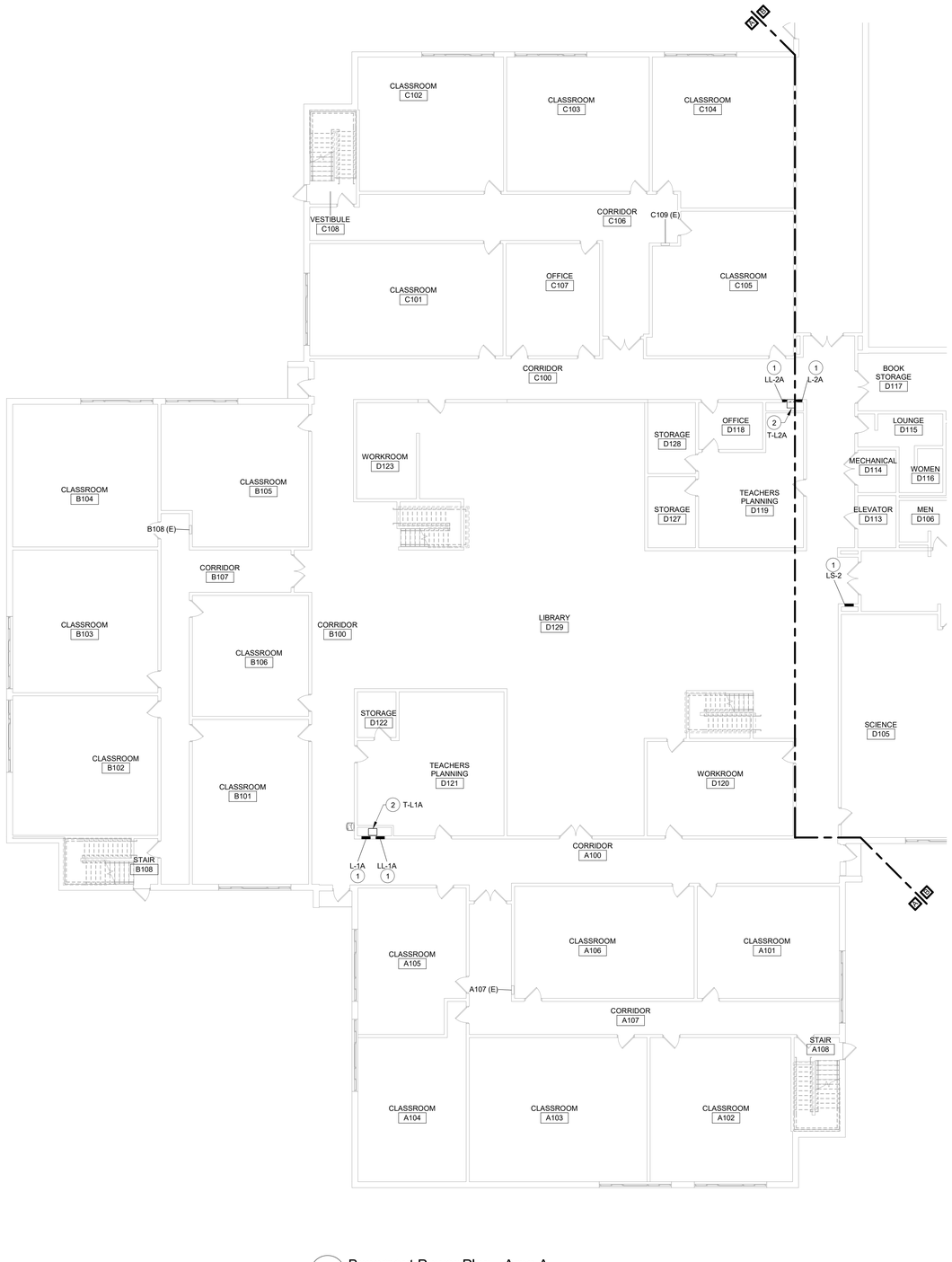
Roof Demolition Plans - Areas A & B

Drawn By:	Date:	Drawing Number:
AEL	07/11/2025	CE104

Project No.:
214159-25001



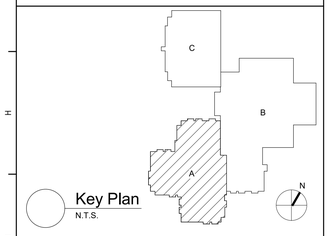
1 Basement Power Plan - Area A
3/32" = 1'-0"

Keyed Notes

1. PROVIDE ELECTRICAL PANEL. REFER TO SCHEDULE ON SHEET CE600 FOR PANEL DETAILS. PROVIDE FEEDERS TO PANEL FROM SOURCE PANEL OR TRANSFORMER AS INDICATED IN TABLE ON SHEET CE600. RECONNECT PROTECTED BRANCH CIRCUIT WIRING TO BREAKERS.
2. PROVIDE TRANSFORMER AS INDICATED ON RISER DIAGRAM AND IN TRANSFORMER REPLACEMENT TABLE ON SHEET CE600. CONNECT TO SOURCE BREAKER WITH INDICATED WIRE SIZING. INSTALL TRANSFORMER ON PRESERVED BRACKET. MODIFY BRACKET AS NEEDED TO ACCOMMODATE TRANSFORMER.

General Notes

1. REFER TO SHEET CE050 FOR GENERAL NOTES AND ASBESTOS AWARENESS NOTES.
2. REFER TO SHEETS BE500 AND BE501 FOR INSTALLATION DETAILS.



Key Plan
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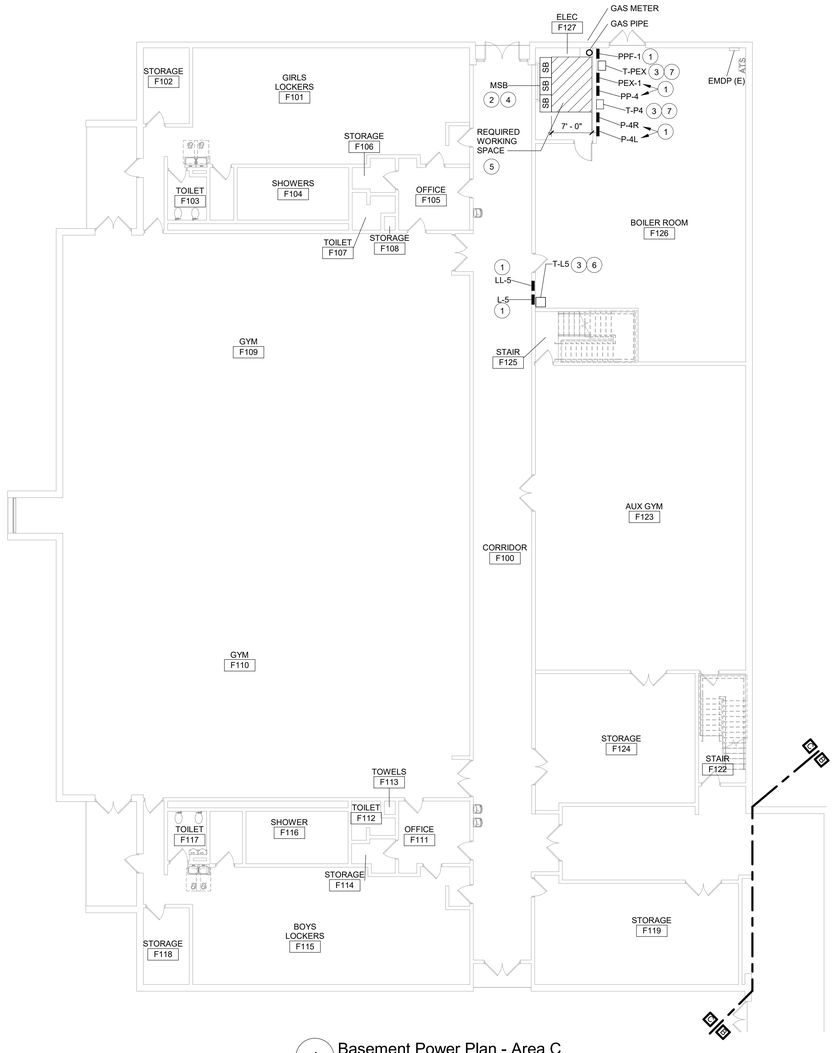
Dewitt Middle School

Basement Power Plan - Area A

Drawn By:	Date:	Drawing Number:
AEL	07/11/2025	CE160

Project No.: 214159-25001



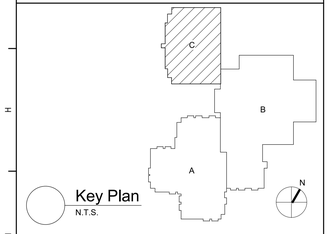
1 Basement Power Plan - Area C
3/32" = 1'-0"

Keyed Notes

1. PROVIDE ELECTRICAL PANEL. REFER TO SCHEDULE ON SHEET CE600 FOR PANEL DETAILS. PROVIDE FEEDERS TO PANEL FROM SOURCE PANEL OR TRANSFORMER AS INDICATED IN TABLE ON SHEET CE600. RECONNECT PROTECTED BRANCH CIRCUIT WIRING TO BREAKERS.
2. PROVIDE SWITCHBOARD WITH MAIN DISCONNECT AND DISTRIBUTION SECTIONS AS REQUIRED TO ACCOMMODATE BREAKERS. REFER TO SCHEDULE ON CE600 FOR SWITCHBOARD RATINGS AND FEEDER BREAKER SIZING. PROVIDE CONCRETE HOUSEKEEPING PAD.
3. PROVIDE TRANSFORMER AS INDICATED ON RISER DIAGRAM AND IN TRANSFORMER REPLACEMENT TABLE ON SHEET CE600. CONNECT TO SOURCE BREAKER WITH INDICATED WIRE SIZING.
4. RECONNECT PROTECTED WIRING FOR CHILLER TO BREAKER IN MSB. REFER TO PANEL PANEL SCHEDULE ON BE600 FOR BREAKER SIZING. EXTEND/MODIFY WIRING IN KIND TO LOCATION OF NEW SWITCHBOARD. ASSUME (3) 500 KCMIL #2G IN 3-1/2"C.
5. PER NEC 110.26(C)(2)(b), ONLY A SINGLE MEANS OF EGRESS FROM THE WORKING SPACE IS REQUIRED AS THE DEPTH OF THE WORKING SPACE IS AT LEAST TWICE THAT REQUIRED BY 110.26(A).
6. INSTALL TRANSFORMERS ON PRESERVED WALL-MOUNTED BRACKET. MODIFY BRACKET AS NEEDED TO ACCOMMODATE TRANSFORMER.
7. PROVIDE MOUNTING BRACKET FOR TRANSFORMER.

General Notes

1. REFER TO SHEET CE050 FOR GENERAL NOTES AND ASBESTOS AWARENESS NOTES.
2. REFER TO SHEETS BE500 AND BE501 FOR INSTALLATION DETAILS.



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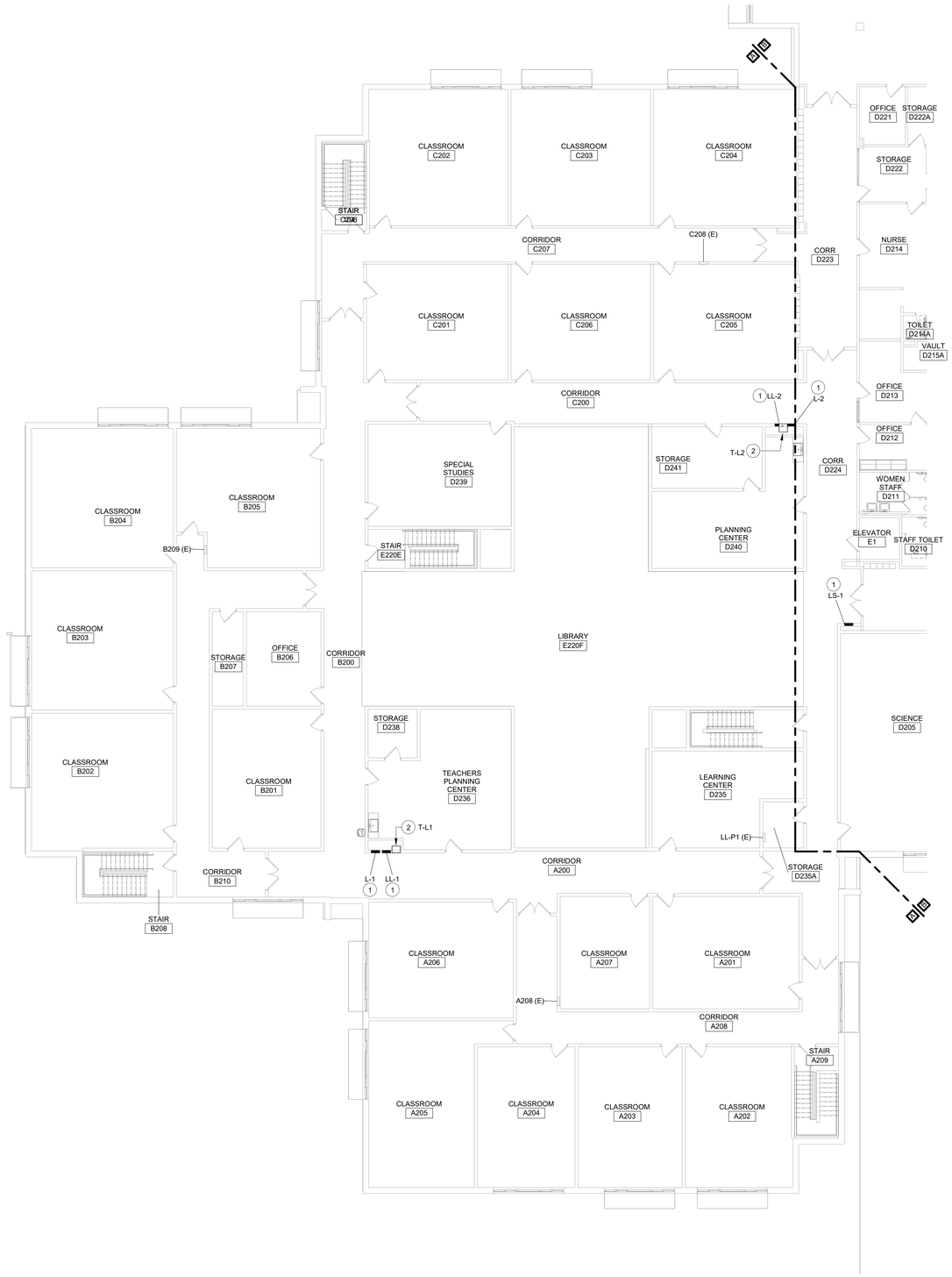
Ithaca, NY

Reconstruction to:
Dewitt Middle School

Basement Power Plan - Area C

Drawn By:	Date:	Drawing Number:
AEL	07/11/2025	CE161

Project No.: 214159-25001



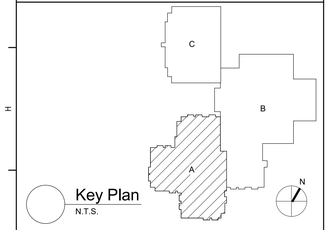
1 First Floor - Power & Communications Plan - Area A
3/32" = 1'-0"

Keyed Notes

1. PROVIDE ELECTRICAL PANEL. REFER TO SCHEDULE ON SHEET CE600 FOR PANEL DETAILS. PROVIDE FEEDERS TO PANEL FROM SOURCE PANEL OR TRANSFORMER AS INDICATED IN TABLE ON SHEET CE600. RECONNECT PROTECTED BRANCH CIRCUIT WIRING TO BREAKERS.
2. PROVIDE TRANSFORMER AS INDICATED ON RISER DIAGRAM AND IN TRANSFORMER REPLACEMENT TABLE ON SHEET CE600. CONNECT TO SOURCE BREAKER WITH INDICATED WIRE SIZING. INSTALL TRANSFORMER ON PRESERVED BRACKET. MODIFY BRACKET AS NEEDED TO ACCOMMODATE TRANSFORMER.

General Notes

1. REFER TO SHEET CE050 FOR GENERAL NOTES AND ASBESTOS AWARENESS NOTES.
2. REFER TO SHEETS BE500 AND BE501 FOR INSTALLATION DETAILS.



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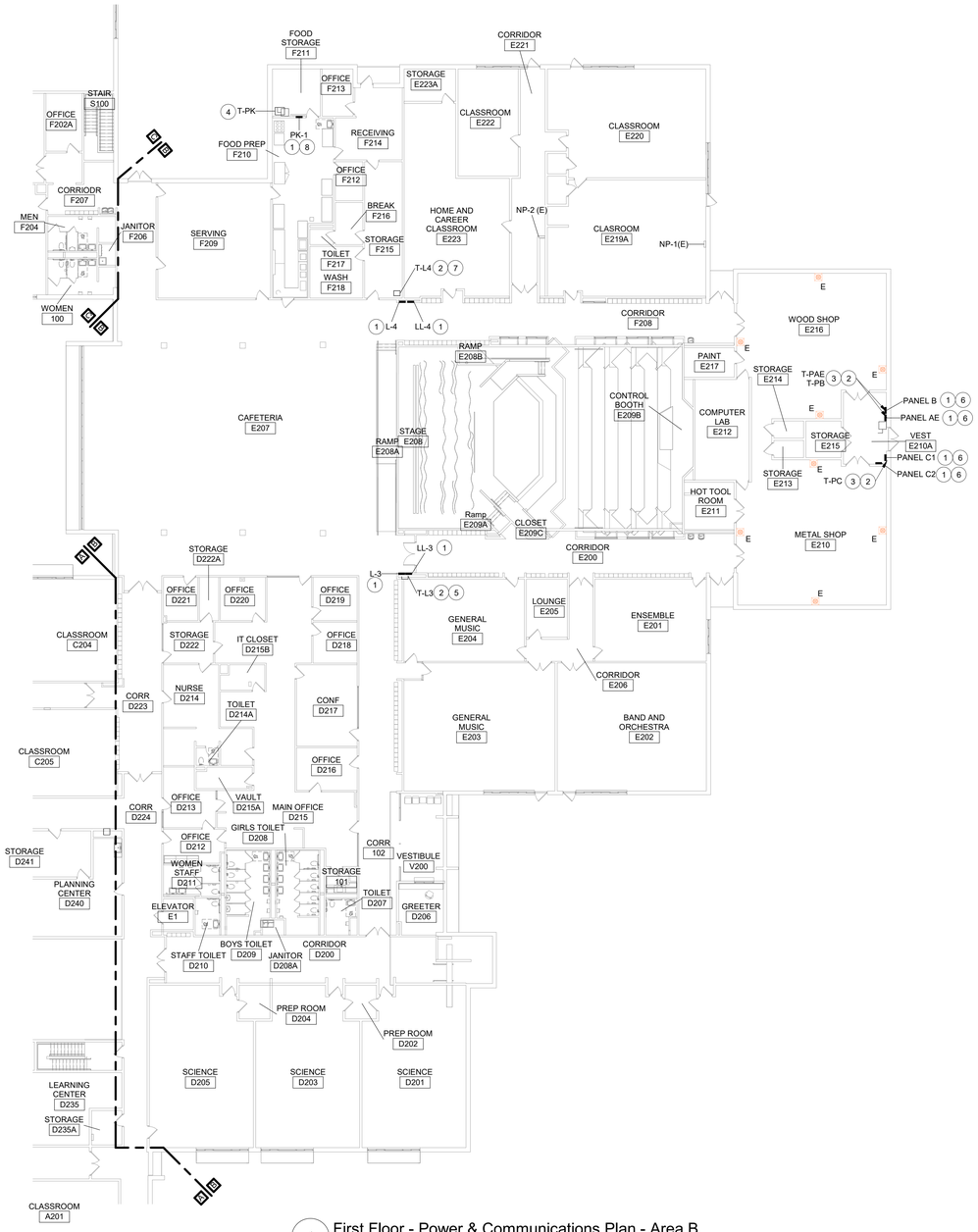
Ithaca City School District
Ithaca, NY

Reconstruction to:
Dewitt Middle School

First Floor Power Plan - Area A

Drawn By:	Date:	Drawing Number:
TTAE	07/11/2025	CE162

Project No.:
214159-25001



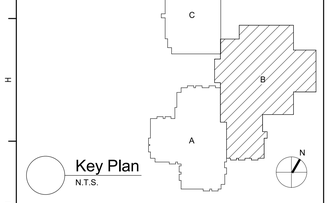
1 First Floor - Power & Communications Plan - Area B
1/16" = 1'-0"

Keyed Notes

1. PROVIDE ELECTRICAL PANEL. REFER TO SCHEDULE ON SHEET CE600 FOR PANEL DETAILS. PROVIDE FEEDERS TO PANEL FROM SOURCE PANEL OR TRANSFORMER AS INDICATED IN TABLE ON SHEET CE600. RECONNECT PROTECTED BRANCH CIRCUIT WIRING TO BREAKERS.
2. PROVIDE TRANSFORMER AS INDICATED ON RISER DIAGRAM AND IN TRANSFORMER REPLACEMENT TABLE ON SHEET CE600. CONNECT TO SOURCE BREAKER WITH INDICATED WIRE SIZING.
3. MOUNT TRANSFORMER ON PRESERVED CEILING-HUNG BRACKET. MODIFY BRACKET AS NEEDED TO ACCOMMODATE TRANSFORMER.
4. INSTALL TRANSFORMER ON EXISTING CONCRETE HOUSEKEEPING PAD.
5. PROVIDE MOUNTING BRACKET FOR TRANSFORMER.
6. CONNECT PRESERVED EMERGENCY STOP SWITCHES TO CONTACTORS PROVIDED FOR PANELS. REFER TO KEYED NOTE 1 ON BE600 AND DETAIL 7 ON BE500.
7. INSTALL TRANSFORMERS ON PRESERVED WALL-MOUNTED BRACKET. MODIFY BRACKET AS NEEDED TO ACCOMMODATE TRANSFORMER.
8. PROVIDE SPARE 2" CONDUIT FROM PANEL, STUBBED UP ABOVE CEILING OR TO ACCESSIBLE JUNCTION BOX, FOR FUTURE CIRCUITS.

General Notes

1. REFER TO SHEET CE050 FOR GENERAL NOTES AND ASBESTOS AWARENESS NOTES.
2. REFER TO SHEETS BE500 AND BE501 FOR INSTALLATION DETAILS.



Key Plan
N.T.S.

S.E.D. Control No. 61-06-00-01-0-027-018

Rev. No.:	Date:	Description:

Ithaca City School District

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Tetra Tech Engineers, Architects & Landscape Architects, P.C.

BID SET

TETRA TECH ARCHITECTS & ENGINEERS

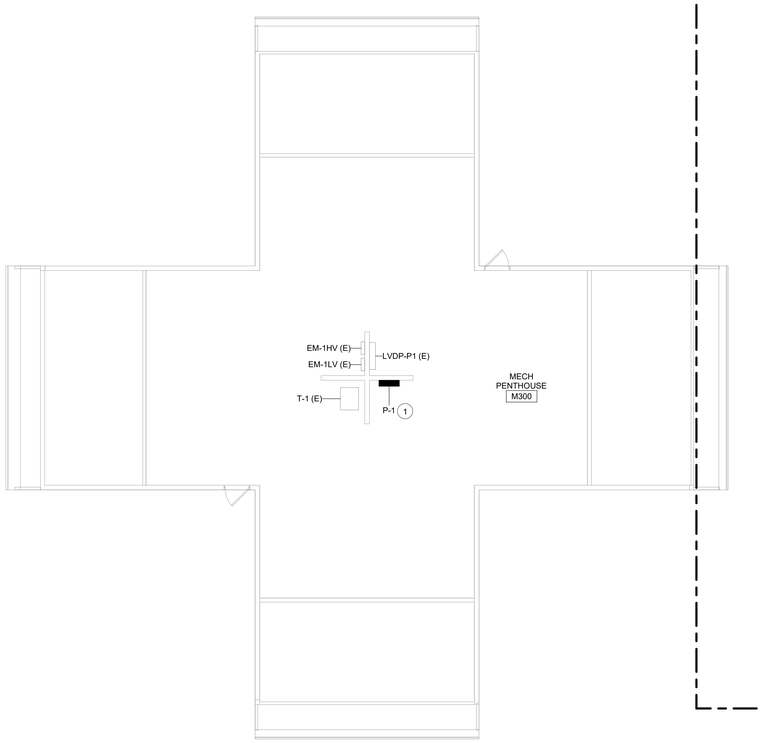
Ithaca City School District
Ithaca, NY

Reconstruction to:
Dewitt Middle School

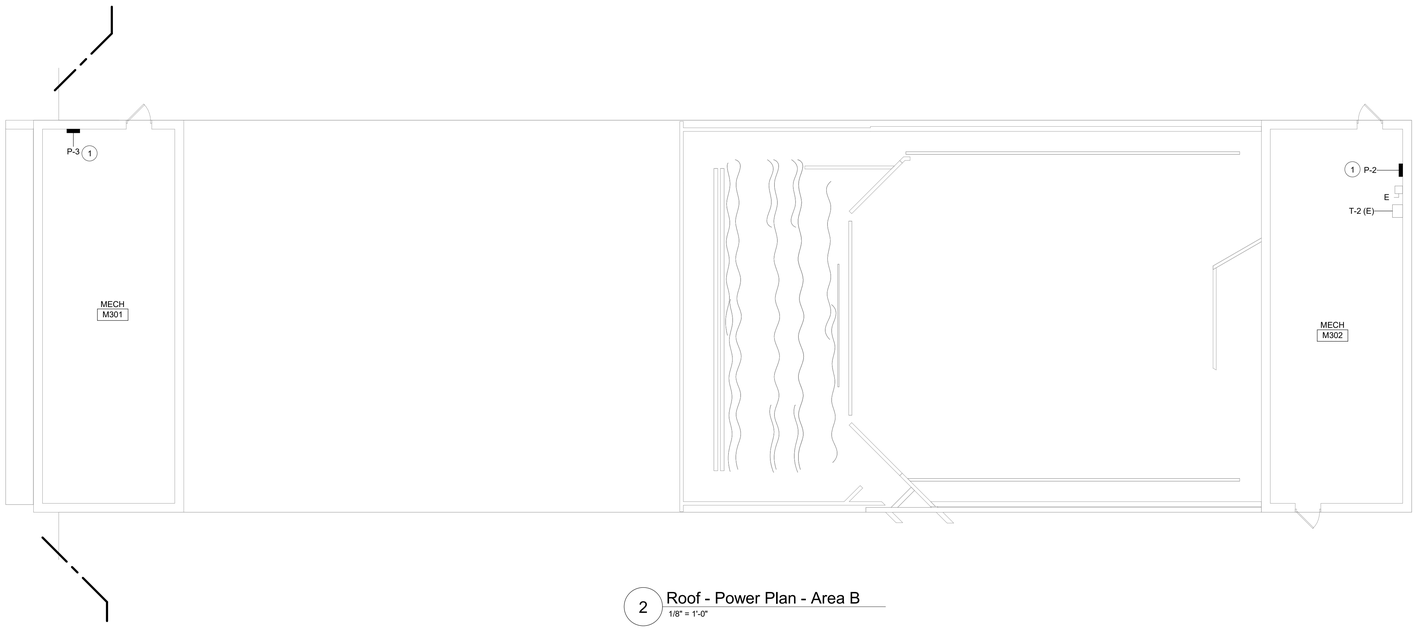
First Floor Power Plan - Area B

Drawn By:	Date:	Drawing Number:
TTAE	07/11/2025	CE163

Project No.: 214159-25001



1 Roof - Power Plan - Area A
1/8" = 1'-0"



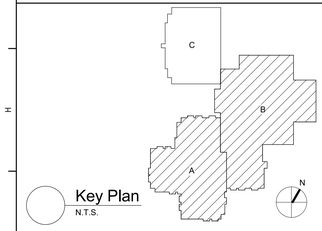
2 Roof - Power Plan - Area B
1/8" = 1'-0"

Keyed Notes

1. PROVIDE ELECTRICAL PANEL. REFER TO SCHEDULE ON SHEET CE600 FOR PANEL DETAILS. PROVIDE FEEDERS TO PANEL FROM SOURCE PANEL OR TRANSFORMER AS INDICATED IN TABLE ON SHEET CE600. RECONNECT PROTECTED BRANCH CIRCUIT WIRING TO BREAKERS.

General Notes

1. REFER TO SHEET CE050 FOR GENERAL NOTES AND ASBESTOS AWARENESS NOTES.
2. REFER TO SHEETS BE500 AND BE501 FOR INSTALLATION DETAILS.



Key Plan
N.T.S.

S.E.D. Control No. 61-06-00-01-0-027-018

Rev. No.:	Date:	Description:

Ithaca City School District

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Tetra Tech Engineers, Architects & Landscape Architects, P.C.

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

Ithaca City School District
Ithaca, NY

Reconstruction to:
Dewitt Middle School

Roof Power Plans - Areas A & B

Drawn By:	Date:	Drawing Number:
AEL	07/11/2025	CE164

Project No.:
214159-25001

PANELBOARD: EMDP (E)

Location: BOILER ROOM F126 Surface **MOUNTED** EXG **SYM. A.I.C....** **ENCLOSURE TYPE** Type 1

AMP MAIN (LUGS) OR 250 A **AMP MAIN BREAKER WITH** 250 A **AMP TRIP**

SE LABEL

480Y/277V VOLTS 3 **PHASE** 4 **WIRE** 60 **HERTZ** 250 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1								0 VA	0 VA												2
3	3	50 A					PANEL PEX-1			0 VA	0 VA			EM-1HV (E)					50 A	3	4
5												0 VA	0 VA								6
7								0 VA	--					SPACE	--	--	--	--	--	1	8
9	3	125 A					PANEL P-4L			0 VA	--			SPACE	--	--	--	--	--	1	10
11												0 VA	--	SPACE	--	--	--	--	--	1	12
13	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	14
15	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	16
17	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	18
19	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	20
21	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	22
23	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	24
25	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	26
27	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	28
29	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	30
							TOTAL CONNECTED LOAD PER PHASE...	0 VA		0 VA		0 VA									
								A		B		C									

* -GFCI BREAKER ** -SHUNT TRIP BREAKER

TOTAL CONNECTED LOAD: 0 A

TOTAL CONNECTED LOAD: 0.000 kVA

 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

SUPPLIED FROM: MSB

NOTE: PANEL SCHEDULE IS PROVIDED FOR REFERENCE ONLY. PANEL, AND ITS BREAKERS, ARE EXISTING TO REMAIN.

Switchboard: MSB

Location: ELEC F127
Supply From:
Mounting: PAD
Enclosure: NEMA 1

Volts: 480Y/277V
Phases: 3
Wires: 4

A.I.C. Rating: MIN 22,000
Mains Type:
Mains Rating: 2000 A
MCB Rating: 2000 A

Notes:

CKT	Circuit Description	# of Poles	Frame Size	Trip Rating	Remarks
1	PANEL L-1A	3	400 A	125 A	
2	PANEL L-2A	3	400 A	200 A	
3	PANEL L-2	3	400 A	125 A	
4	PANEL L-1	3	400 A	125 A	
5	PANEL L-3	3	400 A	200 A	
6	PANEL L-4	3	400 A	125 A	
7	XFMR T-PK	3	400 A	175 A	
8	PANEL P-1	3	400 A	400 A	
9	PANEL P-2	3	400 A	125 A	
10	PANEL P-3	3	400 A	150 A	
11	WOOD/METAL SHOP XFMRS	3	400 A	200 A	
12	CHILLER CH-1	3	400 A	350 A	
13	SPARE	3	400 A	100 A	
14	SPARE	3	400 A	200 A	
15	PANEL L-5	3	400 A	125 A	
16	ATS/PANEL EMDP	3	400 A	200 A	
17	SETRA POWER METER	1	400 A	20 A	
18					
19					
20					

Legend:

Notes:

Panel ID	Floor	Area	Room	Mounting Type	Voltage (Phase-No. Wires)	Bus Rating	Type (MLO or MB)	MCB Rating	Min Panel AIC (kA)	Source Panel/Transformer	Source Breaker	Feeder Size	No. of Spaces
L-1A	Basement	A	Corridor A100	Recessed	480Y/277V (3Ph-4W)	125A	MB	125A	10	MSB	125A-3P	(4) #1, #6G in 1-1/2"C	30
LL-1A	Basement	A	Corridor A100	Recessed	208Y/120V (3Ph-4W)	100A	MLO	-	10	T-L1A	-	(4) #6, #10G in 1"C	30
L-2A	Basement	A	Corridor C100	Recessed	480Y/277V (3Ph-4W)	250A	MB	200A	10	MSB	200A-3P	(4) #3/0, #6G in 2"C	30
LL-2A	Basement	A	Corridor C100	Recessed	208Y/120V (3Ph-4W)	225A	MLO	-	10	T-L2A	-	(4) #2/0, #6G in 2"C	42
LS-2	Basement	A	Corridor E109	Recessed	208Y/120V (3Ph-4W)	100A	MLO	-	10	LL-2A	70A-3P	(4) #4, #8G in 1-1/4"C	30
L-3	First	B	Cafeteria E207	Recessed	480Y/277V (3Ph-4W)	250A	MB	200A	10	MSB	200A-3P	(4) #3/0, #6G in 2"C	42
LL-3	First	B	Cafeteria E207	Recessed	208Y/120V (3Ph-4W)	225A	MLO	-	10	T-L3	-	(4) #2/0, #6G in 2"C	42
L-4	First	B	Corridor F208	Recessed	480Y/277V (3Ph-4W)	125A	MB	125A	10	MSB	125A-3P	(4) #1, #6G in 1-1/2"C	30
LL-4	First	B	Corridor F208	Recessed	208Y/120V (3Ph-4W)	225A	MLO	-	10	T-L4	-	(4) #2/0, #6G in 2"C	66
AE	First	B	Vestibule E210A	Surface	240D (3Ph-3W)	250A	MB	225A	10	T-PAE	-	(4) #4/0, #4G in 1-1/2"C	42
B	First	B	Vestibule E210A	Surface	240/120V (1Ph-3W)	100A	MB	80A	10	T-PB	-	(3) #2, #8G in 1-1/4"C	42
C1	First	B	Vestibule E210A	Surface	240D (3Ph-3W)	125A	MB	125A	10	T-PC	-	(4) #2, #8G in 1-1/4"C	30
C2	First	B	Vestibule E210A	Surface	240/120V (1Ph-3W)	100A	MB	80A	10	T-PB	-	(3) #2, #8G in 1-1/4"C	42
PK-1	First	B	Food Prep F210	Recessed	208Y/120V (3Ph-4W)	400A	MB	400A	10	T-PK	400A-3P	(2) SETS OF (4) #3/0, #6G in 2"C	66
P-4L	Basement	C	Boiler Room F126	Surface	480Y/277V (3Ph-4W)	125A	MLO	-	10	EMDP	125A-3P	(4) #1, #6G in 1-1/2"C	42
P-4R	Basement	C	Boiler Room F126	Surface	480Y/277V (3Ph-4W)	125A	MLO	-	10	P-4L	100A-3P	(4) #2, #8G in 1-1/4"C	30
PP-4	Basement	C	Boiler Room F126	Surface	208Y/120V (3Ph-4W)	100A	MLO	-	10	T-P4	-	(4) #6, #10G in 1"C	30
PEX-1	Basement	C	Boiler Room F126	Surface	480Y/277V (3Ph-4W)	125A	MLO	-	10	EMDP	50A-3P	(4) #6, #10G in 1"C	18
PPF-1	Basement	C	Boiler Room F126	Surface	208Y/120V (3Ph-4W)	100A	MLO	-	10	T-PEX	-	(4) #6, #10G in 1"C	18
L-5	Basement	C	Corridor F100	Recessed	480Y/277V (3Ph-4W)	125A	MB	125A	10	MSB	125A-3P	(4) #1, #6G in 1-1/2"C	30
LL-5	Basement	C	Corridor F100	Recessed	208Y/120V (3Ph-4W)	225A	MLO	-	10	T-L5		(4) #2/0, #6G in 2"C	42
L-1	First	A	Corridor A200	Recessed	480Y/277V (3Ph-4W)	125A	MB	125A	10	MSB	125A-3P	(4) #1, #6G in 1-1/2"C	30
LL-1	First	A	Corridor A200	Recessed	208Y/120V (3Ph-4W)	100A	MLO	-	10	T-L1	-	(4) #6, #10G in 1"C	30
L-2	First	A	Corridor C200	Recessed	480Y/277V (3Ph-4W)	250A	MB	150A	10	MSB	125A-3P	(4) #1, #6G in 1-1/2"C	42
LL-2	First	A	Corridor C200	Recessed	208Y/120V (3Ph-4W)	225A	MLO	-	10	T-L2	-	(4) #2/0, #6G in 2"C	42
LS-1	First	A	Corridor D224	Recessed	208Y/120V (3Ph-4W)	100A	MLO	-	10	LL-2	70A-3P	(4) #4, #8G in 1-1/4"C	30
P-1	Roof	A	Mech Penthouse M300	Surface	480Y/277V (3Ph-4W)	800A	MB	800A	10	MSB	400A-3P	(2) SETS OF (4)#3/0, #2G in 3"C	42
P-2	Roof	B	Mech Mezzanine M301	Surface	480Y/277V (3Ph-4W)	125A	MB	125A	10	MSB	125A-3P	(4) #1, #6G in 1-1/2"C	30
P-3	Roof	B	Mech Mezzanine M302	Surface	480Y/277V (3Ph-4W)	250A	MB	150A	10	MSB	150A-3P	(4) #1/0, #6G in 1-1/2"C	30

NOTE: REFER TO SHEETS CE601 THROUGH CE605 FOR BREAKER INVENTORY FOR PANELS SCHEDULED FOR REPLACEMENT.

1 Panel Replacement Schedule
NTS

Name	Primary Voltage (V)	Secondary Voltage (V)	Phase	Rating (kV)	Source Panel	Source Breaker	Feeder Size	Mounting Type	Ground Wire Size
T-L1A	480Y	208Y/120	3	15	L-1A	25A-3P	(3) #10, #10G in 3/4"C	Wall Bracket	#8
T-L2A	480Y	208Y/120	3	45	L-2A	70A-3P	(3) #4, #8G in 1"C	Wall Bracket	#4
T-L1	480Y	208Y/120	3	15	L-1	25A-3P	(3) #10, #10G in 3/4"C	Wall Bracket	#8
T-L2	480Y	208Y/120	3	45	L-2	70A-3P	(3) #4, #8G in 1"C	Wall Bracket	#4
T-L3	480Y	208Y/120	3	45	L-3	70A-3P	(3) #4, #8G in 1"C	Wall Bracket	#4
T-L4	480Y	208Y/120	3	45	L-4	70A-3P	(3) #4, #8G in 1"C	Wall Bracket	#4
T-L5	480Y	208Y/120	3	45	L-5	70A-3P	(3) #4, #8G in 1"C	Wall Bracket	#4
T-P4	480Y	208Y/120	3	15	P-4	25A-3P	(3) #10, #10G in 3/4"C	Wall Bracket	#8
T-PEX	480Y	208Y/120	3	15	PEX-1	25A-3P	(3) #10, #10G in 3/4"C	Wall Bracket	#8
T-PAE	480Y	240D	3	75	MSB	200A-3P	(3) #1, #6G in 1-1/4"C	Ceiling-hung Bracket	#2
T-PB	480	240/120V	1	25			(2) #4, #8G in 1"C	Ceiling-hung Bracket	#4
T-PC	480Y	240D	3	30			(3) #4, #8G in 1"C	Ceiling-hung Bracket	#8
T-PK	480Y	208Y/120	3	112.5	MSB	175A-3P	(3) #2/0, #6G in 2"C	Pad Mount	#1/0

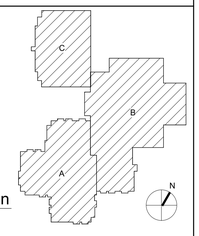
2 Transformer Replacement Schedule
NTS

Keyed Notes

1. PROVIDE PANEL WITH ELECTRICALLY HELD CONTACTOR FOR PANEL. CONNECT TO EXISTING EMERGENCY STOP BUTTONS WITHIN EACH ROOM CONTAINING THE PANEL. EXTEND/MODIFY WIRING AS NECESSARY TO PROVIDE OPERATION OF SYSTEM.
2. SINGLE PANEL IS BEING PROVIDED IN PLACE OF (2) SEPARATE PANELS. MODIFY BRANCH WIRING AS NEEDED FOR RELOCATION OF BRANCH CIRCUIT OVERCURRENT PROTECTION TO SINGLE ENCLOSURE.

General Notes

1. REFER TO SHEET CE050 FOR GENERAL NOTES AND ASBESTOS AWARENESS NOTES.
2. REFER TO SHEETS BE500 AND BE501 FOR INSTALLATION DETAILS.



Key Plan
N.T.S.

S.E.D. Control No. 61-06-00-01-0-027-018

Rev. No.:	Date:	Description:

Ithaca City School District

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BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

Ithaca City School District
Ithaca, NY

Reconstruction to:
Dewitt Middle School

Schedules

Drawn By:	Date:	Drawing Number:
AEL	07/11/2025	CE600

Project No.: 214159-25001

PANELBOARD: LL-2A

Location: CORRIDOR C100 — Recessed **MOUNTED** — **SYM. A.I.C....** — **ENCLOSURE TYPE** Type 1

225 A **AMP MAIN (LUGS) OR** — **AMP MAIN BREAKER WITH** — **AMP TRIP**

SE LABEL

208Y/120V **VOLTS** 3 **PHASE** 4 **WIRE** 60 **HERTZ** 225 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	4
5	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	6
7	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	8
9	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	10
11	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	12
13	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	14
15	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	16
17	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA								18
19	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					LS-2					70 A	3	20
21	2	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA										22
23												0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	24
25								0 VA	0 VA												26
27	3	70 A	--	--	--	--	EXG LOAD			0 VA	0 VA			SPARE	--	--	--	--	20 A	3	28
29												0 VA	0 VA								30
31	1	20 A	--	--	--	--	SPARE	0 VA	0 VA					SPARE	--	--	--	--	20 A	1	32
33	1	20 A	--	--	--	--	SPARE			0 VA	0 VA			SPARE	--	--	--	--	20 A	1	34
35	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	36
37	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	38
39	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	40
41	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	42
TOTAL CONNECTED LOAD PER PHASE...								0 VA		0 VA		0 VA									
A										**B**		**C**									

* -GFCI BREAKER ** -SHUNT TRIP BREAKER

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

SUPPLIED FROM: T-L2A

PANELBOARD: LS-2

Location: — Recessed **MOUNTED** — **SYM. A.I.C....** — **ENCLOSURE TYPE** Type 1

100 A **AMP MAIN (LUGS) OR** — **AMP MAIN BREAKER WITH** — **AMP TRIP**

SE LABEL

208Y/120V **VOLTS** 3 **PHASE** 4 **WIRE** 60 **HERTZ** 100 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	4
5	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	6
7	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	8
9	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	10
11	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	12
13	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	14
15	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	16
17	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	18
19	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	20
21	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	22
23	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	24
25	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	26
27	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			SPARE	--	--	--	--	20 A	1	28
29	1	20 A	--	--	--	--	SPARE					0 VA	0 VA	SPARE	--	--	--	--	20 A	1	30
TOTAL CONNECTED LOAD PER PHASE...								0 VA		0 VA		0 VA									
A										**B**		**C**									

* -GFCI BREAKER ** -SHUNT TRIP BREAKER

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

SUPPLIED FROM: LL-2A

PANELBOARD: L-3

Location: CAFETERIA E207 — Recessed **MOUNTED** — **SYM. A.I.C....** — **ENCLOSURE TYPE** Type 1

AMP MAIN (LUGS) OR 200 A **AMP MAIN BREAKER WITH** 200 A **AMP TRIP**

SE LABEL

480Y/277V **VOLTS** 3 **PHASE** 4 **WIRE** 60 **HERTZ** 250 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	4
5	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	6
7	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	8
9	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	10
11	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	12
13	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	14
15	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	16
17	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	18
19	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	20
21	3	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	3	22
23												0 VA	0 VA								24
25								0 VA	0 VA												26
27	3	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			T-L3					70 A	3	28
29												0 VA	0 VA								30
31	1	20 A	--	--	--	--	SPARE	0 VA	0 VA					SPARE	--	--	--	--	20 A	3	32
33	1	20 A	--	--	--	--	SPARE			0 VA	0 VA										34
35	1	--	--	--	--	--	SPACE					--	0 VA								36
37	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	38
39	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	40
41	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	42
TOTAL CONNECTED LOAD PER PHASE...								0 VA		0 VA		0 VA									
A										**B**		**C**									

* -GFCI BREAKER ** -SHUNT TRIP BREAKER

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

SUPPLIED FROM: MSB

PANELBOARD: L-1A

Location: CORRIDOR A100 — Recessed **MOUNTED** — **SYM. A.I.C....** — **ENCLOSURE TYPE** Type 1

AMP MAIN (LUGS) OR 125 A **AMP MAIN BREAKER WITH** 125 A **AMP TRIP**

SE LABEL

480Y/277V **VOLTS** 3 **PHASE** 4 **WIRE** 60 **HERTZ** 125 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	4
5	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	6
7	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	8
9	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	10
11	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	12
13	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	14
15	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	16
17	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	18
19	3	25 A	--	--	--	--	T-L1A	0 VA	0 VA					EXG LOAD (XFMR COMPUTER ROOM)	--	--	--	--	40 A	3	20
21										0 VA	0 VA										22
23	1	20 A	--	--	--	--	SPARE					0 VA	0 VA	SPARE	--	--	--	--	20 A	3	24
25	1	20 A	--	--	--	--	SPARE	0 VA	0 VA												26
27	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	28
29	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	30
TOTAL CONNECTED LOAD PER PHASE...								0 VA		0 VA		0 VA									
A										**B**		**C**									

* -GFCI BREAKER ** -SHUNT TRIP BREAKER

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

SUPPLIED FROM: MSB

PANELBOARD: LL-1A

Location: CORRIDOR A100 — Recessed **MOUNTED** — **SYM. A.I.C....** — **ENCLOSURE TYPE** Type 1

100 A **AMP MAIN (LUGS) OR** — **AMP MAIN BREAKER WITH** — **AMP TRIP**

SE LABEL

208Y/120V **VOLTS** 3 **PHASE** 4 **WIRE** 60 **HERTZ** 100 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	4
5	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	6
7	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	8
9	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	10
11	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	12
13	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	14
15	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	16
17	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	18
19	2	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	2	20
21										0 VA	0 VA										22
23	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	2	24
25	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA												26
27	1	20 A	--	--	--	--	SPARE			0 VA	0 VA			SPARE	--	--	--	--	20 A	1	28
29	1	20 A	--	--	--	--	SPARE					0 VA	0 VA	SPARE	--	--	--	--	20 A	1	30
TOTAL CONNECTED LOAD PER PHASE...								0 VA		0 VA		0 VA									
A										**B**		**C**									

* -GFCI BREAKER ** -SHUNT TRIP BREAKER

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

SUPPLIED FROM: T-L1A

PANELBOARD: L-2A

Location: — Recessed **MOUNTED** — **SYM. A.I.C....** — **ENCLOSURE TYPE** Type 1

AMP MAIN (LUGS) OR 200 A **AMP MAIN BREAKER WITH** 200 A **AMP TRIP**

SE LABEL

480Y/277V **VOLTS** 3 **PHASE** 4 **WIRE** 60 **HERTZ** 250 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	4
5	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	6
7	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	8
9	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	10
11	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	12
13	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	14
15	3	30 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	15 A	3	16
17												0 VA	0 VA								18
19								0 VA	0 VA					T-L2A					70 A	3	20
21	3	20 A	--	--	--	--	SPARE			0 VA	0 VA										22
23												0 VA	0 VA								24
25								0 VA	0 VA					SPARE	--	--	--	--	20 A	1	26
27	1	--	--	--	--	--	SPACE			--	0 VA			SPARE	--	--	--	--	20 A	1	28
29	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	30
TOTAL CONNECTED LOAD PER PHASE...								0 VA		0 VA		0 VA									
A										**B**		**C**									

* -GFCI BREAKER ** -SHUNT TRIP BREAKER

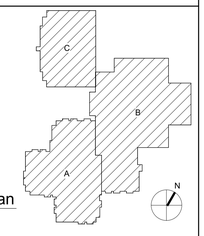
TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

SUPPLIED FROM: MSB

General Notes

1. REFER TO SHEET CE050 FOR GENERAL NOTES AND ASBESTOS AWARENESS NOTES.
2. PANEL SCHEDULES ARE PROVIDED TO INDICATE BREAKER SIZING WITHIN EACH PANEL. CONTRACTOR IS RESPONSIBLE FOR TRACING CIRCUITS AND PROVIDING UPDATED, TYPEWRITTEN PANEL SCHEDULES FOR ALL REPLACEMENT PANELS. WHERE A BREAKER IS FOUND TO NOT BE IN USE, LABEL AS SPARE AND LEAVE IN THE OFF POSITION. MAINTAIN ALL EXISTING PANEL SCHEDULES FROM DEMOLISHED PANELS - ADD PANEL IDENTIFICATION TO SCHEDULE AND TURN OVER TO OWNER FOR HISTORICAL RECORD.



Key Plan
N.T.S.

S.E.D. Control No. 61-06-00-01-0-027-018

Rev. No.:	Date:	Description:

Ithaca City School District

complex world | CLEAR SOLUTIONS

Tetra Tech Engineers, Architects & Landscape Architects, P.C.

BID SET

TETRA TECH ARCHITECTS & ENGINEERS

Ithaca City School District
Ithaca, NY

Reconstruction to:
Dewitt Middle School

Panel Schedules

Drawn By:	Date:	Drawing Number:
Author	07/11/2025	CE601
Project No.: 214159-25001		

PANELBOARD: PANEL AE

Location: VEST E210A | Surface **MOUNTED** | **SYM. A.I.C....** | **ENCLOSURE TYPE** Type 1

AMP MAIN (LUGS) OR 225 A **AMP MAIN BREAKER WITH** 225 A **AMP TRIP**

SE LABEL

240D **VOLTS** 3 **PHASE** 3 **WIRE** 60 **HERTZ** 250 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A	B	C	LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1								0 VA 0 VA										2
3	3	20 A	--	--	--	--	EXG LOAD (PANEL A)		0 VA 0 VA		EXG LOAD (PANEL A)	--	--	--	--	20 A	3	4
5										0 VA 0 VA								6
7								0 VA 0 VA										8
9	3	20 A	--	--	--	--	EXG LOAD (PANEL A)		0 VA 0 VA		EXG LOAD (PANEL A)	--	--	--	--	20 A	3	10
11										0 VA 0 VA								12
13								0 VA 0 VA										14
15	3	20 A	--	--	--	--	EXG LOAD (PANEL A)		0 VA 0 VA		EXG LOAD (PANEL A)	--	--	--	--	20 A	3	16
17										0 VA 0 VA								18
19								0 VA 0 VA										20
21	3	20 A	--	--	--	--	EXG LOAD (PANEL E)		0 VA 0 VA		EXG LOAD (PANEL E)	--	--	--	--	25 A	3	22
23										0 VA 0 VA								24
25								0 VA 0 VA										26
27	3	30 A	--	--	--	--	EXG LOAD (PANEL E)		0 VA 0 VA		EXG LOAD (PANEL E)	--	--	--	--	20 A	3	28
29										0 VA 0 VA								30
31	2	30 A	--	--	--	--	EXG LOAD (PANEL E)	0 VA 0 VA										32
33									0 VA 0 VA		EXG LOAD (PANEL E)	--	--	--	--	20 A	3	34
35	1	--	--	--	--	--	SPACE			-- 0 VA								36
37	1	--	--	--	--	--	SPACE	-- --			SPACE	--	--	--	--	--	1	38
39	1	--	--	--	--	--	SPACE		-- --		SPACE	--	--	--	--	--	1	40
41	1	--	--	--	--	--	SPACE			-- --	SPACE	--	--	--	--	--	1	42
							TOTAL CONNECTED LOAD PER PHASE...	0 VA	0 VA	0 VA								
							* -GFCI BREAKER ** -SHUNT TRIP BREAKER	A	B	C								

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

SUPPLIED FROM:

PANELBOARD: PANEL B

Location: VEST E210A | Surface **MOUNTED** | **SYM. A.I.C....** | **ENCLOSURE TYPE** Type 1

AMP MAIN (LUGS) OR 100 **AMP MAIN BREAKER WITH** 80 **AMP TRIP**

SE LABEL

240/120 **VOLTS** 1 **PHASE** 3 **WIRE** 60 **HERTZ** 100 **AMP BUS**

CKT NO.	POLES	TRIP AMPS	LOAD SERVED	A	B	LOAD SERVED	TRIP AMPS	POLES	CKT NO.
1	1	20 A	SPARE	0 VA 0 VA		SPARE	20 A	1	2
3	1	20 A	SPARE		0 VA 0 VA	EXG LOAD	20 A	1	4
5	1	20 A	EXG LOAD	0 VA 0 VA		EXG LOAD	20 A	1	6
7	1	20 A	EXG LOAD		0 VA 0 VA	EXG LOAD	20 A	1	8
9	1	20 A	EXG LOAD	0 VA 0 VA		EXG LOAD	20 A	1	10
11	1	20 A	EXG LOAD		0 VA 0 VA	EXG LOAD	20 A	1	12
13	1	20 A	EXG LOAD	0 VA 0 VA		EXG LOAD	20 A	1	14
15	1	20 A	EXG LOAD		0 VA 0 VA	EXG LOAD	20 A	1	16
17	1	20 A	EXG LOAD	0 VA 0 VA		EXG LOAD	20 A	1	18
19	1	20 A	EXG LOAD		0 VA 0 VA	EXG LOAD	20 A	1	20
21	1	20 A	EXG LOAD	0 VA 0 VA		EXG LOAD	20 A	1	22
23	1	20 A	EXG LOAD		0 VA 0 VA	EXG LOAD	20 A	1	24
25	1	20 A	EXG LOAD	0 VA 0 VA		EXG LOAD	20 A	1	26
27	1	20 A	EXG LOAD		0 VA 0 VA	EXG LOAD	20 A	1	28
29	1	20 A	SPARE	0 VA 0 VA		PANEL D	60 A	2	30
			TOTAL CONNECTED LOAD PER PHASE (VA)	0 VA	0 VA				
			* -GFCI BREAKER ** -SHUNT TRIP BREAKER	A	B				

 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR TVSS

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM:

PANELBOARD: PANEL C1

Location: VEST E210A | Surface **MOUNTED** | **SYM. A.I.C....** | **ENCLOSURE TYPE** Type 1

AMP MAIN (LUGS) OR 125 A **AMP MAIN BREAKER WITH** 125 A **AMP TRIP**

SE LABEL

240D **VOLTS** 3 **PHASE** 3 **WIRE** 60 **HERTZ** 125 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A	B	C	LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1								0 VA 0 VA										2
3	3	20 A	--	--	--	--	EXG LOAD		0 VA 0 VA		EXG LOAD	--	--	--	--	20 A	3	4
5										0 VA 0 VA								6
7								0 VA 0 VA										8
9	3	20 A	--	--	--	--	EXG LOAD		0 VA 0 VA		EXG LOAD	--	--	--	--	20 A	3	10
11										0 VA 0 VA								12
13	1	--	--	--	--	--	SPACE	-- --			SPACE	--	--	--	--	--	1	14
15	1	--	--	--	--	--	SPACE		-- --		SPACE	--	--	--	--	--	1	16
17	1	--	--	--	--	--	SPACE			-- --	SPACE	--	--	--	--	--	1	18
							TOTAL CONNECTED LOAD PER PHASE...	0 VA	0 VA	0 VA								
							* -GFCI BREAKER ** -SHUNT TRIP BREAKER	A	B	C								

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

SUPPLIED FROM:

PANELBOARD: PANEL C2

Location: VEST E210A | Surface **MOUNTED** | **SYM. A.I.C....** | **ENCLOSURE TYPE** Type 1

AMP MAIN (LUGS) OR 80 A **AMP MAIN BREAKER WITH** 80 A **AMP TRIP**

SE LABEL

120/240... **VOLTS** 1 **PHASE** 3 **WIRE** 60 **HERTZ** 100 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A	B	LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	2	60 A	--	--	--	--	EXG LOAD	0 VA 0 VA		SPARE	--	--	--	--	20 A	1	2
3									0 VA 0 VA	SPARE	--	--	--	--	20 A	1	4
5	2	30 A	--	--	--	--	EXG LOAD	0 VA 0 VA		EXG LOAD	--	--	--	--	30 A	1	6
7									0 VA 0 VA	EXG LOAD	--	--	--	--	20 A	1	8
9	1	20 A	--	--	--	--	EXG LOAD	0 VA 0 VA		EXG LOAD	--	--	--	--	15 A	2	10
11	1	20 A	--	--	--	--	EXG LOAD		0 VA 0 VA								12
13	1	20 A	--	--	--	--	EXG LOAD	0 VA 0 VA		EXG LOAD	--	--	--	--	20 A	1	14
15	1	20 A	--	--	--	--	EXG LOAD		0 VA 0 VA	EXG LOAD	--	--	--	--	20 A	1	16
17	2	20 A	--	--	--	--	EXG LOAD	0 VA 0 VA		EXG LOAD	--	--	--	--	20 A	1	18
19									0 VA 0 VA	EXG LOAD	--	--	--	--	20 A	1	20
21	1	--	--	--	--	--	SPACE	-- --		SPACE	--	--	--	--	--	1	22
23	1	--	--	--	--	--	SPACE		-- --	SPACE	--	--	--	--	--	1	24
25	1	--	--	--	--	--	SPACE	-- --		SPACE	--	--	--	--	--	1	26
27	1	--	--	--	--	--	SPACE		-- --	SPACE	--	--	--	--	--	1	28
29	1	--	--	--	--	--	SPACE	-- --		SPACE	--	--	--	--	--	1	30
							TOTAL CONNECTED LOAD PER PHASE (VA)	0 VA	0 VA								
							* -GFCI BREAKER ** -SHUNT TRIP BREAKER	A	B								

 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR TVSS

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM:

PANELBOARD: LL-3

Location: CAFETERIA E207 | Recessed **MOUNTED** | **SYM. A.I.C....** | **ENCLOSURE TYPE** Type 1

225 A AMP MAIN (LUGS) OR **AMP MAIN BREAKER WITH** **AMP TRIP**

SE LABEL

208Y/120V **VOLTS** 3 **PHASE** 4 **WIRE** 60 **HERTZ** 225 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A	B	C	LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	EXG LOAD	0 VA 0 VA			EXG LOAD	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	EXG LOAD		0 VA 0 VA		EXG LOAD	--	--	--	--	20 A	1	4
5	1	20 A	--	--	--	--	EXG LOAD			0 VA 0 VA	EXG LOAD	--	--	--	--	20 A	1	6
7	1	20 A	--	--	--	--	EXG LOAD	0 VA 0 VA			EXG LOAD	--	--	--	--	20 A	1	8
9	1	20 A	--	--	--	--	EXG LOAD		0 VA 0 VA		EXG LOAD	--	--	--	--	20 A	1	10
11	1	30 A	--	--	--	--	EXG LOAD			0 VA 0 VA	EXG LOAD	--	--	--	--	20 A	1	12
13	1	20 A	--	--	--	--	EXG LOAD	0 VA 0 VA			EXG LOAD	--	--	--	--	20 A	1	14
15	1	20 A	--	--	--	--	EXG LOAD		0 VA 0 VA		EXG LOAD	--	--	--	--	20 A	1	16
17	1	20 A	--	--	--	--	EXG LOAD			0 VA 0 VA	EXG LOAD	--	--	--	--	20 A	1	18
19	1	20 A	--	--	--	--	EXG LOAD	0 VA 0 VA			EXG LOAD	--	--	--	--	20 A	1	20
21	1	20 A	--	--	--	--	EXG LOAD		0 VA 0 VA		EXG LOAD	--	--	--	--	20 A	1	22
23	1	20 A	--	--	--	--	EXG LOAD			0 VA 0 VA	EXG LOAD	--	--	--	--	20 A	1	24
25	1	20 A	--	--	--	--	EXG LOAD	0 VA 0 VA			EXG LOAD	--	--	--	--	20 A	1	26
27	1	20 A	--	--	--	--	EXG LOAD		0 VA 0 VA		EXG LOAD	--	--	--	--	20 A	1	28
29	1	15 A	--	--	--	--	EXG LOAD			0 VA 0 VA	EXG LOAD	--	--	--	--	20 A	1	30
31	1	15 A	--	--	--	--	EXG LOAD	0 VA 0 VA			SPARE	--	--	--	--	20 A	1	32
33	2	20 A	--	--	--	--	EXG LOAD		0 VA 0 VA		EXG LOAD	--	--	--	--	50 A	2	34
35										0 VA 0 VA								36
37								0 VA 0 VA										38
39	3	20 A	--	--	--	--	EXG LOAD		0 VA 0 VA		EXG LOAD	--	--	--	--	100 A	3	40
41										0 VA 0 VA								42
							TOTAL CONNECTED LOAD PER PHASE...	0 VA	0 VA	0 VA								
							* -GFCI BREAKER ** -SHUNT TRIP BREAKER	A	B	C								

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

SUPPLIED FROM: T-L3

PANELBOARD: L-4

Location: CORRIDOR F208 | Recessed **MOUNTED** | **SYM. A.I.C....** | **ENCLOSURE TYPE** Type 1

AMP MAIN (LUGS) OR 125 A **AMP MAIN BREAKER WITH** 125 A **AMP TRIP**

SE LABEL

480Y/277V **VOLTS** 3 **PHASE** 4 **WIRE** 60 **HERTZ** 125 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A	B	C	LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	EXG LOAD	0 VA 0 VA			EXG LOAD	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	EXG LOAD		0 VA 0 VA		EXG LOAD	--	--	--	--	20 A	1	4
5	1	20 A	--	--	--	--	EXG LOAD			0 VA 0 VA	EXG LOAD	--	--	--	--	20 A	1	6
7	1	20 A	--	--	--	--	EXG LOAD	0 VA 0 VA			EXG LOAD	--	--	--	--	20 A	1	8
9	1	20 A	--	--	--	--	EXG LOAD		0 VA 0 VA		EXG LOAD	--	--	--	--	20 A	1	10
11	1	20 A	--	--	--	--	EXG LOAD			0 VA 0 VA	EXG LOAD	--	--	--	--	20 A	1	12
13								0 VA 0 VA										14
15	3	20 A	--	--	--	--	EXG LOAD		0 VA 0 VA		T-L4					70 A	3	16
17										0 VA 0 VA								18
19								0 VA 0 VA			SPARE	--	--	--	--	20 A	1	20
21	3	20 A	--	--	--	--	SPARE		0 VA 0 VA		SPARE	--	--	--	--	20 A	1	22
23										0 VA 0 VA	SPARE	--	--	--	--	20 A	1	24
25	1	--	--	--	--	--	SPACE	-- --			SPACE	--	--	--	--	--	1	26
27	1	--	--	--	--	--	SPACE		-- --		SPACE	--	--	--	--	--	1	28
29	1	--	--	--	--	--	SPACE			-- --	SPACE	--	--	--	--	--	1	30
							TOTAL CONNECTED LOAD PER PHASE...	0 VA	0 VA	0 VA								
							* -GFCI BREAKER ** -SHUNT TRIP BREAKER	A	B	C								

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

SUPPLIED FROM: MSB

PANELBOARD: LL-4

Location: CORRIDOR F208 | Recessed **MOUNTED** | **SYM. A.I.C....** | **ENCLOSURE TYPE** Type 1

225 A AMP MAIN (LUGS) OR **AMP MAIN BREAKER WITH** **AMP TRIP**

SE LABEL

208Y/120V **VOLTS** 3 **PHASE** 4 **WIRE** 60 **HERTZ** 225 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A	B	C	LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	EXG LOAD (LL-4A)	0 VA 0 VA			EXG LOAD (LL-4A)	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	EXG LOAD (LL-4A)		0 VA 0 VA		EXG LOAD (LL-4A)	--	--	--	--	20 A	1	4
5	1	20 A	--	--	--	--	EXG LOAD (LL-4A)			0 VA 0 VA	EXG LOAD (LL-4A)	--	--	--	--	20 A	1	6
7	1	20 A	--	--	--	--	EXG LOAD (LL-4A)	0 VA 0 VA			EXG LOAD (LL-4A)	--	--	--	--	20 A	1	8
9	1	20 A	--	--	--	--	EXG LOAD (LL-4A)		0 VA 0 VA		EXG LOAD (LL-4A)	--	--	--	--	20 A	1	10
11	1	20 A	--	--	--	--	EXG LOAD (LL-4A)			0 VA 0 VA	EXG LOAD (LL-4A)	--	--	--	--	20 A	1	12
13	1	20 A	--	--	--	--	EXG LOAD (LL-4A)	0 VA 0 VA			EXG LOAD (LL-4A)	--	--	--	--	20 A	1	14
15	1	20 A	--	--	--	--	EXG LOAD (LL-4A)		0 VA 0 VA		EXG LOAD (LL-4A)	--	--	--	--	20 A	1	16
17	1	20 A	--	--	--	--	EXG LOAD (LL-4A)			0 VA 0 VA	EXG LOAD (LL-4A)	--	--	--	--	20 A	1	18
19	1	20 A	--	--	--	--	EXG LOAD (LL-4A)	0 VA 0 VA			EXG LOAD (LL-4A)	--	--	--	--	50 A	3	20
21	2	50 A	--	--	--	--	EXG LOAD (LL-4A)		0 VA 0 VA									22
23										0 VA 0 VA	EXG LOAD (LL-4B)	--	--	--	--	20 A	1	24
25	2	50 A	--	--	--	--	EXG LOAD (LL-4A)	0 VA 0 VA			EXG LOAD (LL-4B)	--	--	--	--	20 A	1	26
27									0 VA 0 VA		EXG LOAD (LL-4B)	--	--	--	--	20 A	1	28
29	1	30 A	--	--	--	--	EXG LOAD (LL-4B)			0 VA 0 VA	EXG LOAD (LL-4B)	--	--	--	--	20 A	1	30
31	1	20 A	--	--	--	--	EXG LOAD (LL-4B)	0 VA 0 VA			EXG LOAD (LL-4B)	--	--	--	--	20 A	1	32
33	1	20 A	--	--	--	--	EXG LOAD (LL-4B)		0 VA 0 VA		EXG LOAD (LL-4B)	--	--	--	--	20 A	1	34
35	1	20 A	--	--	--	--	EXG LOAD (LL-4B)			0 VA 0 VA	EXG LOAD (LL-4B)	--	--	--	--	20 A	1	36
37	1	20 A	--	--	--	--	EXG LOAD (LL-4B)	0 VA 0 VA			EXG LOAD (LL-4B)	--	--	--	--	30 A	2	38
39	1	20 A	--	--	--	--	EXG LOAD (LL-4B)		0 VA 0 VA									40
41	1	20 A	--	--	--	--	EXG LOAD (LL-4B)			0 VA 0 VA	EXG LOAD (LL-4B)	--	--	--	--	20 A	1	42
43	2	20 A	--	--	--	--	EXG LOAD (LL-4B)	0 VA 0 VA			EXG LOAD (LL-4B)	--	--	--	--	20 A	1	44
45									0 VA 0 VA		EXG LOAD (LL-4B)	--	--	--	--	20 A	1	46
47	1	15 A	--	--	--	--	EXG LOAD (LL-4B)			0 VA 0 VA	EXG LOAD (LL-4B)	--	--	--	--	20 A	1	48
49	3	100 A	--	--	--	--	EXG LOAD (AUD AV PANEL)	0 VA 0 VA										50
51									0 VA 0 VA		SPARE	--	--	--	--	20 A	3	52
53										0 VA 0 VA								54
55	2	40 A	--	--	--	--	EXG LOAD (LL-4B)	0 VA 0 VA			SPARE	--	--	--	--	20 A	1	56
57									0 VA 0 VA		SPARE	--	--	--	--	20 A	1	58
59	1	--	--	--	--	--	SPACE			-- --	SPACE	--	--	--	--	--	1	60
61	1	--	--	--	--	--	SPACE	-- --			SPACE	--	--	--	--	--	1	62
63	1	--	--	--	--	--	SPACE		-- --		SPACE	--	--	--	--	--	1	64
65	1	--	--	--	--	--	SPACE			-- --	SPACE	--	--	--	--	--	1	66
							TOTAL CONNECTED LOAD PER PHASE...	0 VA	0 VA	0 VA								
							* -GFCI BREAKER ** -SHUNT TRIP BREAKER	A	B	C								

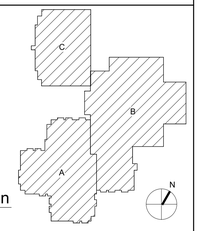
TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

SUPPLIED FROM: T-L4

General Notes

1. REFER TO SHEET CE050 FOR GENERAL NOTES AND ASBESTOS AWARENESS NOTES.
2. PANEL SCHEDULES ARE PROVIDED TO INDICATE BREAKER SIZING WITHIN EACH PANEL. CONTRACTOR IS RESPONSIBLE FOR TRACING CIRCUITS AND PROVIDING UPDATED, TYPEWRITTEN PANEL SCHEDULES FOR ALL REPLACEMENT PANELS. WHERE A BREAKER IS FOUND TO NOT BE IN USE, LABEL AS SPARE AND LEAVE IN THE OFF POSITION. MAINTAIN ALL EXISTING PANEL SCHEDULES FROM DEMOLISHED PANELS - ADD PANEL IDENTIFICATION TO SCHEDULE AND TURN OVER TO OWNER FOR HISTORICAL RECORD.



Key Plan
N.T.S.

S.E.D. Control No. 61-06-00-01-0-027-018

Rev. No.:	Date:	Description:

Ithaca City School District

complex world | CLEAR SOLUTIONS

Tetra Tech Engineers, Architects & Landscape Architects, P.C.

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

Ithaca City School District
Ithaca, NY

Reconstruction to:
Dewitt Middle School

Panel Schedules

Drawn By:	Date:	Drawing Number:
Author	07/11/2025	CE602
Project No.: 214159-25001		

PANELBOARD: PP-4

Location: BOILER ROOM F126 Surface **MOUNTED** **SYM. A.I.C....** **ENCLOSURE TYPE** Type 1

100 A **AMP MAIN (LUGS) OR** **AMP MAIN BREAKER WITH** **AMP TRIP**

SE LABEL

208Y/120V **VOLTS** 3 **PHASE** 4 **WIRE** 60 **HERTZ** 100 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	4
5	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	6
7	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	8
9	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	10
11												0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	12
13	3	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	14
15										0 VA	0 VA			EXG LOAD	--	--	--	--	60 A	2	16
17	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA								18
19	1	20 A	--	--	--	--	SPARE	0 VA	0 VA												20
21	1	20 A	--	--	--	--	SPARE			0 VA	0 VA			SPARE	--	--	--	--	20 A	3	22
23	1	--	--	--	--	--	SPACE					--	0 VA								24
25	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	26
27	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	28
29	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	30
							TOTAL CONNECTED LOAD PER PHASE...	0 VA		0 VA		0 VA									
								A		B		C									

* -GFCI BREAKER ** -SHUNT TRIP BREAKER

-PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

TOTAL CONNECTED LOAD: 0 A

TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: T-P4

PANELBOARD: PEX-1

Location: BOILER ROOM F126 Surface **MOUNTED** **SYM. A.I.C....** **ENCLOSURE TYPE** Type 1

125 A **AMP MAIN (LUGS) OR** **AMP MAIN BREAKER WITH** **AMP TRIP**

SE LABEL

480Y/277V **VOLTS** 3 **PHASE** 4 **WIRE** 60 **HERTZ** 125 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	4
5	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	6
7								0 VA	0 VA												8
9	3	25 A					T-PEX			0 VA	0 VA			SPARE	--	--	--	--	20 A	3	10
11												0 VA	0 VA								12
13	1	20 A	--	--	--	--	SPARE	0 VA	--					SPACE	--	--	--	--	--	1	14
15	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	16
17	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	18
							TOTAL CONNECTED LOAD PER PHASE...	0 VA		0 VA		0 VA									
								A		B		C									

* -GFCI BREAKER ** -SHUNT TRIP BREAKER

-PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

TOTAL CONNECTED LOAD: 0 A

TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: EMDP (E)

PANELBOARD: PPF-1

Location: BOILER ROOM F126 Surface **MOUNTED** **SYM. A.I.C....** **ENCLOSURE TYPE** Type 1

100 A **AMP MAIN (LUGS) OR** **AMP MAIN BREAKER WITH** **AMP TRIP**

SE LABEL

208Y/120V **VOLTS** 3 **PHASE** 4 **WIRE** 60 **HERTZ** 100 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	EXG LOAD (GEN BATT)			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	4
5	1	20 A	--	--	--	--	EXG LOAD (GEN HEAT)					0 VA	0 VA	SPARE	--	--	--	--	20 A	1	6
7	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	8
9	1	20 A	--	--	--	--	EXG LOAD (GEN...			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	10
11	1	20 A	--	--	--	--	SPARE					0 VA	0 VA	SPARE	--	--	--	--	20 A	1	12
13	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	14
15	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	16
17	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	18
							TOTAL CONNECTED LOAD PER PHASE...	0 VA		0 VA		0 VA									
								A		B		C									

* -GFCI BREAKER ** -SHUNT TRIP BREAKER

-PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

TOTAL CONNECTED LOAD: 0 A

TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: T-PEX

PANELBOARD: L-5

Location: CORRIDOR F100 Recessed **MOUNTED** **SYM. A.I.C....** **ENCLOSURE TYPE** Type 1

AMP MAIN (LUGS) OR 125 A **AMP MAIN BREAKER WITH** 125 A **AMP TRIP**

SE LABEL

480Y/277V **VOLTS** 3 **PHASE** 4 **WIRE** 60 **HERTZ** 125 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	4
5	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	6
7	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	8
9	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	10
11	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	12
13	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	14
15	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	16
17	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	18
19	1	20 A	--	--	--	--	SPARE	0 VA	0 VA					SPARE	--	--	--	--	20 A	1	20
21										0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	3	22
23	3	70 A					T-L5					0 VA	0 VA								24
25								0 VA	--					SPACE	--	--	--	--	--	1	26
27	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	28
29	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	30
							TOTAL CONNECTED LOAD PER PHASE...	0 VA		0 VA		0 VA									
								A		B		C									

* -GFCI BREAKER ** -SHUNT TRIP BREAKER

-PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

TOTAL CONNECTED LOAD: 0 A

TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: MSB

PANELBOARD: PK-1

Location: FOOD PREP F210 Recessed **MOUNTED** **SYM. A.I.C....** **ENCLOSURE TYPE** Type 1

AMP MAIN (LUGS) OR 250 A **AMP MAIN BREAKER WITH** 250 A **AMP TRIP**

SE LABEL

208Y/120V **VOLTS** 3 **PHASE** 4 **WIRE** 60 **HERTZ** 400 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	2	70 A	--	--	--	--	EXG LOAD (PK-1L)	0 VA	0 VA					EXG LOAD (PK-1L)	--	--	--	--	80 A	2	2
3										0 VA	0 VA										4
5	1	20 A	--	--	--	--	EXG LOAD (PK-1L)					0 VA	0 VA	EXG LOAD (PK-1L)	--	--	--	--	20 A	1	6
7	3	40 A	--	--	--	--	EXG LOAD (PK-1L)	0 VA	0 VA					EXG LOAD (PK-1L)	--	--	--	--	90 A	3	8
9										0 VA	0 VA										10
11												0 VA	0 VA								12
13	3	40 A	--	--	--	--	EXG LOAD (PK-1L)	0 VA	0 VA												14
15										0 VA	0 VA			EXG LOAD (PK-1L)	--	--	--	--	100 A	3	16
17												0 VA	0 VA								18
19	2	40 A	--	--	--	--	EXG LOAD (PK-1L)	0 VA	0 VA					EXG LOAD (PK-1L)	--	--	--	--	20 A	1	20
21										0 VA	0 VA			EXG LOAD (PK-1L)	--	--	--	--	20 A	1	22
23	1	20 A	--	--	--	--	EXG LOAD (PK-1L)					0 VA	0 VA	EXG LOAD (PK-1L)	--	--	--	--	20 A	1	24
25	1	20 A	--	--	--	--	EXG LOAD (PK-1L)	0 VA	0 VA					EXG LOAD (PK-1R)	--	--	--	--	20 A	1	26
27	1	20 A	--	--	--	--	EXG LOAD (PK-1R)			0 VA	0 VA			EXG LOAD (PK-1R)	--	--	--	--	20 A	1	28
29	1	20 A	--	--	--	--	EXG LOAD (PK-1R)					0 VA	0 VA	EXG LOAD (PK-1R)	--	--	--	--	20 A	1	30
31	1	20 A	--	--	--	--	EXG LOAD (PK-1R)	0 VA	0 VA					EXG LOAD (PK-1R)	--	--	--	--	20 A	1	32
33	1	20 A	--	--	--	--	EXG LOAD (PK-1R)			0 VA	0 VA			EXG LOAD (PK-1R)	--	--	--	--	20 A	1	34
35	1	20 A	--	--	--	--	EXG LOAD (PK-1R)					0 VA	0 VA	EXG LOAD (PK-1R)	--	--	--	--	20 A	1	36
37	1	20 A	--	--	--	--	EXG LOAD (PK-1R)	0 VA	0 VA					EXG LOAD (PK-1R)	--	--	--	--	30 A	2	38
39	2	30 A	--	--	--	--	EXG LOAD (PK-1R)			0 VA	0 VA										40
41												0 VA	0 VA	EXG LOAD (PK-1R)	--	--	--	--	20 A	1	42
43	1	20 A	--	--	--	--	EXG LOAD (PK-1R)	0 VA	0 VA					EXG LOAD (PK-1R)	--	--	--	--	15 A	1	44
45	1	20 A	--	--	--	--	EXG LOAD (PK-1R)			0 VA	0 VA			EXG LOAD (PK-1R)	--	--	--	--	20 A	1	46
47	1	20 A	--	--	--	--	EXG LOAD (PK-1R)					0 VA	0 VA	EXG LOAD (PK-1R)	--	--	--	--	15 A	1	48
49	1	20 A	--	--	--	--	EXG LOAD (PK-1R)	0 VA	0 VA					EXG LOAD (PK-1R)	--	--	--	--	20 A	1	50
51	1	20 A	--	--	--	--	EXG LOAD (PK-1R)			0 VA	0 VA			EXG LOAD (PK-1R)	--	--	--	--	20 A	1	52
53	1	20 A	--	--	--	--	SPARE					0 VA	0 VA								54
55	1	20 A	--	--	--	--	SPARE	0 VA	0 VA					SPARE	--	--	--	--	20 A	3	56
57	1	--	--	--	--	--	SPACE			--	0 VA										58
59	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	60
61	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	62
63	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	64
65	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	66
							TOTAL CONNECTED LOAD PER PHASE...	0 VA		0 VA		0 VA									
								A		B		C									

* -GFCI BREAKER ** -SHUNT TRIP BREAKER

-PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

TOTAL CONNECTED LOAD: 0 A

TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: T-PK

PANELBOARD: P-4L

Location: BOILER ROOM F126 Surface **MOUNTED** **SYM. A.I.C....** **ENCLOSURE TYPE** Type 1

125 A **AMP MAIN (LUGS) OR** **AMP MAIN BREAKER WITH** **AMP TRIP**

SE LABEL

480Y/277V **VOLTS** 3 **PHASE** 4 **WIRE** 60 **HERTZ** 125 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1								0 VA	0 VA												2
3	3	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	30 A	3	4
5												0 VA	0 VA								6
7								0 VA	0 VA												8
9	3	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	3	10
11												0 VA	0 VA								12
13								0 VA	0 VA												14
15	3	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	3	16
17												0 VA	0 VA								18
19								0 VA	0 VA												20
21	3	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	3	22
23												0 VA	0 VA								24
25								0 VA	0 VA												26
27	3	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			PANEL P-4R					100 A	3	28
29												0 VA	0 VA								30
							TOTAL CONNECTED LOAD PER PHASE...	0 VA		0 VA		0 VA									
								A		B		C									

* -GFCI BREAKER ** -SHUNT TRIP BREAKER

-PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

TOTAL CONNECTED LOAD: 0 A

TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: EMDP (E)

PANELBOARD: P-4R

Location: BOILER ROOM F126 Surface **MOUNTED** **SYM. A.I.C....** **ENCLOSURE TYPE** Type 1

125 A **AMP MAIN (LUGS) OR** **AMP MAIN BREAKER WITH** **AMP TRIP**

SE LABEL

480Y/277V **VOLTS** 3 **PHASE** 4 **WIRE** 60 **HERTZ** 125 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1								0 VA	0 VA												2
3	3	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			SPARE	--	--	--	--	20 A	3	4
5												0 VA	0 VA								6
7								0 VA	0 VA												8
9	3	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			SPARE	--	--	--	--	20 A	3	10
11												0 VA	0 VA								12
13								0 VA	0 VA												14
15	3	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			T-P4					25 A	3	16
17												0 VA	0 VA								18
19								0 VA	0 VA												20
21	3	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	40 A	3	22
23												0 VA	0 VA								24
25								0 VA	0 VA												26
27	3	40 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	3	28
29												0 VA	0 VA								30
							TOTAL CONNECTED LOAD PER PHASE...	0 VA		0 VA		0 VA									
								A		B		C									

* -GFCI BREAKER ** -SHUNT TRIP BREAKER

-PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

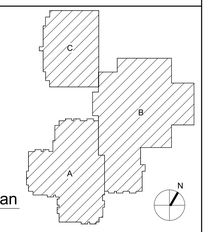
TOTAL CONNECTED LOAD: 0 A

TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: P-4L

General Notes

1. REFER TO SHEET CE050 FOR GENERAL NOTES AND ASBESTOS AWARENESS NOTES.
2. PANEL SCHEDULES ARE PROVIDED TO INDICATE BREAKER SIZING WITHIN EACH PANEL. CONTRACTOR IS RESPONSIBLE FOR TRACING CIRCUITS AND PROVIDING UPDATED, TYPEWRITTEN PANEL SCHEDULES FOR ALL REPLACEMENT PANELS. WHERE A BREAKER IS FOUND TO NOT BE IN USE, LABEL AS SPARE AND LEAVE IN THE OFF POSITION. MAINTAIN ALL EXISTING PANEL SCHEDULES FROM DEMOLISHED PANELS - ADD PANEL IDENTIFICATION TO SCHEDULE AND TURN OVER TO OWNER FOR HISTORICAL RECORD.



S.E.D. Control No. 61-06-00-01-0-027-018

Rev. No.:	Date:	Description:

Ithaca City School District

complex world | CLEAR SOLUTIONS

Tetra Tech Engineers, Architects & Landscape Architects, P.C.

BID SET

TETRA TECH ARCHITECTS & ENGINEERS

Ithaca City School District
Ithaca, NY

Reconstruction to:
Dewitt Middle School

Panel Schedules

Drawn By: Author | Date: 07/11/2025 | Drawing Number: CE603

Project No.: 214159-25001

PANELBOARD: L-2

Location: CORRIDOR C200 | Recessed **MOUNTED** | **SYM. A.I.C....** | **ENCLOSURE TYPE** Type 1

AMP MAIN (LUGS) OR 1 A **AMP MAIN BREAKER WITH** 1 A **AMP TRIP**

SE LABEL

480Y/277V VOLTS 3 **PHASE** 4 **WIRE** 60 **HERTZ** 250 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	SPARE	0 VA	0 VA					SPARE	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	SPARE			0 VA	0 VA			SPARE	--	--	--	--	20 A	1	4
5	1	20 A	--	--	--	--	SPARE					0 VA	0 VA	SPARE	--	--	--	--	20 A	1	6
7	1	20 A	--	--	--	--	SPARE	0 VA	0 VA					SPARE	--	--	--	--	20 A	1	8
9	1	20 A	--	--	--	--	SPARE			0 VA	0 VA			SPARE	--	--	--	--	20 A	1	10
11	1	20 A	--	--	--	--	SPARE					0 VA	0 VA	SPARE	--	--	--	--	20 A	1	12
13	1	20 A	--	--	--	--	SPARE	0 VA	0 VA					SPARE	--	--	--	--	20 A	1	14
15	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			SPARE	--	--	--	--	20 A	1	16
17	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	SPARE	--	--	--	--	20 A	1	18
19	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					SPARE	--	--	--	--	20 A	1	20
21	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			SPARE	--	--	--	--	20 A	1	22
23												0 VA	0 VA								24
25	3	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					SPARE	--	--	--	--	20 A	3	26
27										0 VA	0 VA										28
29												0 VA	0 VA								30
31	3	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					T-L2					70 A	3	32
33										0 VA	0 VA										34
35												0 VA	0 VA	SPARE	--	--	--	--	20 A	1	36
37	3	20 A	--	--	--	--	SPARE	0 VA	0 VA					SPARE	--	--	--	--	20 A	1	38
39										0 VA	--			SPACE	--	--	--	--	--	1	40
41	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	42
TOTAL CONNECTED LOAD PER PHASE...								0 VA		0 VA		0 VA									
A										**B**		**C**									

*** -GFCI BREAKER** **** -SHUNT TRIP BREAKER**

 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: MSB

PANELBOARD: LL-5

Location: CORRIDOR F100 | Recessed **MOUNTED** | **SYM. A.I.C....** | **ENCLOSURE TYPE** Type 1

225 A AMP MAIN (LUGS) OR **AMP MAIN BREAKER WITH** **AMP TRIP**

SE LABEL

208Y/120V VOLTS 3 **PHASE** 4 **WIRE** 60 **HERTZ** 225 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	4
5	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	6
7	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	8
9	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	10
11	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	12
13	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	14
15	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	16
17	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	18
19	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	20
21	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	22
23	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	24
25	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					T-L1					25 A	3	26
27	1	20 A	--	--	--	--	SPARE			0 VA	0 VA										28
29	1	20 A	--	--	--	--	SPARE					0 VA	0 VA								30
TOTAL CONNECTED LOAD PER PHASE...								0 VA		0 VA		0 VA									
A										**B**		**C**									

*** -GFCI BREAKER** **** -SHUNT TRIP BREAKER**

 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: T-L5

PANELBOARD: LL-2

Location: CORRIDOR C200 | Recessed **MOUNTED** | **SYM. A.I.C....** | **ENCLOSURE TYPE** Type 1

225 A AMP MAIN (LUGS) OR **AMP MAIN BREAKER WITH** **AMP TRIP**

SE LABEL

208Y/120V VOLTS 3 **PHASE** 4 **WIRE** 60 **HERTZ** 225 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	4
5	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	6
7	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	8
9	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	10
11	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	12
13	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	14
15	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	16
17	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	18
19	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	60 A	3	20
21	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA										22
23	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	24
25	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	26
27	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	28
29												0 VA	0 VA								30
31	3	70 A					PANEL LS-1	0 VA	0 VA					SPARE	--	--	--	--	20 A	3	32
33										0 VA	0 VA										34
35	1	20 A	--	--	--	--	SPARE					0 VA	0 VA	SPARE	--	--	--	--	20 A	1	36
37	1	20 A	--	--	--	--	SPARE	0 VA	0 VA					SPARE	--	--	--	--	20 A	1	38
39	1	20 A	--	--	--	--	SPARE			0 VA	0 VA			SPARE	--	--	--	--	20 A	1	40
41	1	20 A	--	--	--	--	SPARE					0 VA	0 VA	SPARE	--	--	--	--	20 A	1	42
TOTAL CONNECTED LOAD PER PHASE...								0 VA		0 VA		0 VA									
A										**B**		**C**									

*** -GFCI BREAKER** **** -SHUNT TRIP BREAKER**

 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: T-L2

PANELBOARD: L-1

Location: CORRIDOR A200 | Recessed **MOUNTED** | **SYM. A.I.C....** | **ENCLOSURE TYPE** Type 1

AMP MAIN (LUGS) OR 125 A **AMP MAIN BREAKER WITH** 125 A **AMP TRIP**

SE LABEL

480Y/277V VOLTS 3 **PHASE** 4 **WIRE** 60 **HERTZ** 125 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	4
5	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	6
7	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	8
9	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	10
11	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	12
13	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	14
15	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	16
17	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	18
19	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	20
21	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	22
23	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	24
25	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					T-L1					25 A	3	26
27	1	20 A	--	--	--	--	SPARE			0 VA	0 VA										28
29	1	20 A	--	--	--	--	SPARE					0 VA	0 VA								30
TOTAL CONNECTED LOAD PER PHASE...								0 VA		0 VA		0 VA									
A										**B**		**C**									

*** -GFCI BREAKER** **** -SHUNT TRIP BREAKER**

 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: MSB

PANELBOARD: LS-1

Location: CORR D224 | Recessed **MOUNTED** | **SYM. A.I.C....** | **ENCLOSURE TYPE** Type 1

100 A AMP MAIN (LUGS) OR **AMP MAIN BREAKER WITH** **AMP TRIP**

SE LABEL

208Y/120V VOLTS 3 **PHASE** 4 **WIRE** 60 **HERTZ** 100 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	4
5	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	6
7	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	8
9	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	10
11	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	12
13	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	14
15	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	16
17	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	18
19	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	20
21	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	22
23	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	24
25	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	26
27	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	28
29	1	20 A	--	--	--	--	SPARE					0 VA	0 VA	SPARE	--	--	--	--	20 A	1	30
TOTAL CONNECTED LOAD PER PHASE...								0 VA		0 VA		0 VA									
A										**B**		**C**									

*** -GFCI BREAKER** **** -SHUNT TRIP BREAKER**

 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: LL-2

PANELBOARD: LL-1

Location: CORRIDOR A200 | Recessed **MOUNTED** | 10,000 **SYM. A.I.C....** | **ENCLOSURE TYPE** Type 1

100 A AMP MAIN (LUGS) OR **AMP MAIN BREAKER WITH** **AMP TRIP**

SE LABEL

208Y/120V VOLTS 3 **PHASE** 4 **WIRE** 60 **HERTZ** 100 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	2
3	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	4
5	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	6
7	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	8
9	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	10
11	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	12
13	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	1	14
15	1	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	16
17	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	18
19	2	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A	2	20
21										0 VA	0 VA										22
23	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	2	24
25	1	20 A	--	--	--	--	EXG LOAD	0 VA	0 VA					EXG LOAD	--	--	--	--	20 A		26
27	1	20 A	--	--	--	--	SPARE			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	1	28
29	1	20 A	--	--	--	--	EXG LOAD					0 VA	0 VA	EXG LOAD	--	--	--	--	20 A	1	30
TOTAL CONNECTED LOAD PER PHASE...								0 VA		0 VA		0 VA									
A										**B**		**C**									

*** -GFCI BREAKER** **** -SHUNT TRIP BREAKER**

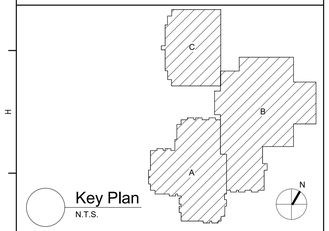
 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: T-L1

General Notes

1. REFER TO SHEET CE050 FOR GENERAL NOTES AND ASBESTOS AWARENESS NOTES.
2. PANEL SCHEDULES ARE PROVIDED TO INDICATE BREAKER SIZING WITHIN EACH PANEL. CONTRACTOR IS RESPONSIBLE FOR TRACING CIRCUITS AND PROVIDING UPDATED, TYPEWRITTEN PANEL SCHEDULES FOR ALL REPLACEMENT PANELS. WHERE A BREAKER IS FOUND TO NOT BE IN USE, LABEL AS SPARE AND LEAVE IN THE OFF POSITION. MAINTAIN ALL EXISTING PANEL SCHEDULES FROM DEMOLISHED PANELS - ADD PANEL IDENTIFICATION TO SCHEDULE AND TURN OVER TO OWNER FOR HISTORICAL RECORD.



Key Plan
N.T.S.

S.E.D. Control No. 61-06-00-01-0-027-018

Rev. No.:	Date:	Description:

Ithaca City School District

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Tetra Tech Engineers, Architects & Landscape Architects, P.C.

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

Ithaca City School District
Ithaca, NY

Reconstruction to:
Dewitt Middle School

Panel Schedules

Drawn By:	Date:	Drawing Number:
Author	07/11/2025	CE604

Project No.:
214159-25001

PANELBOARD: P-1

Location: MECH PENTHOUSE... Surface **MOUNTED** **SYM. A.I.C....** **ENCLOSURE TYPE** Type 1

AMP MAIN (LUGS) OR 600 A **AMP MAIN BREAKER WITH** 600 A **AMP TRIP**

SE LABEL

480Y/277V VOLTS 3 **PHASE** 4 **WIRE** 60 **HERTZ** 600 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1								0 VA	0 VA					SPARE	--	--	--	--	20 A	1	2
3	3	15 A	--	--	--	--	EXG LOAD			0 VA	0 VA										4
5												0 VA	0 VA	EXG LOAD	--	--	--	--	80 A	3	6
7								0 VA	0 VA												8
9	3	60 A	--	--	--	--	EXG LOAD			0 VA	0 VA										10
11												0 VA	0 VA	EXG LOAD	--	--	--	--	60 A	3	12
13								0 VA	0 VA												14
15	3	40 A	--	--	--	--	EXG LOAD			0 VA	0 VA										16
17												0 VA	0 VA	SPARE	--	--	--	--	20 A	3	18
19								0 VA	0 VA												20
21	3	40 A	--	--	--	--	EXG LOAD			0 VA	0 VA										22
23												0 VA	0 VA	SPARE	--	--	--	--	150 A	3	24
25								0 VA	0 VA												26
27	3	15 A	--	--	--	--	EXG LOAD			0 VA	0 VA										28
29												0 VA	0 VA	SPARE	--	--	--	--	40 A	3	30
31								0 VA	0 VA												32
33	3	250 A					T-1 (E)			0 VA	0 VA										34
35												0 VA	0 VA	SPARE	--	--	--	--	20 A	3	36
37								0 VA	0 VA												38
39	3	20 A	--	--	--	--	EXG LOAD			0 VA	--			SPACE	--	--	--	--	--	1	40
41												0 VA	--	SPACE	--	--	--	--	--	1	42
43	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	44
45	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	46
47	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	48
TOTAL CONNECTED LOAD PER PHASE...								0 VA		0 VA		0 VA									
								A		**B**		**C**									

*** -GFCI BREAKER** **** -SHUNT TRIP BREAKER**

 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: MSB

PANELBOARD: P-2

Location: MECH M302 Surface **MOUNTED** **SYM. A.I.C....** **ENCLOSURE TYPE** Type 1

AMP MAIN (LUGS) OR 125 A **AMP MAIN BREAKER WITH** 125 A **AMP TRIP**

SE LABEL

480Y/277V VOLTS 3 **PHASE** 4 **WIRE** 60 **HERTZ** 125 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1								0 VA	0 VA												2
3	3	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	60 A	3	4
5												0 VA	0 VA								6
7								0 VA	0 VA												8
9	3	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	70 A	3	10
11												0 VA	0 VA								12
13								0 VA	0 VA												14
15	3	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	3	16
17												0 VA	0 VA								18
19	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	20
21	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	22
23	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	24
25	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	26
27	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	28
29	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	30
TOTAL CONNECTED LOAD PER PHASE...								0 VA		0 VA		0 VA									
								A		**B**		**C**									

*** -GFCI BREAKER** **** -SHUNT TRIP BREAKER**

 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: MSB

PANELBOARD: P-3

Location: MECH M301 Surface **MOUNTED** **SYM. A.I.C....** **ENCLOSURE TYPE** Type 1

AMP MAIN (LUGS) OR 150 A **AMP MAIN BREAKER WITH** 150 A **AMP TRIP**

SE LABEL

480Y/277V VOLTS 3 **PHASE** 4 **WIRE** 60 **HERTZ** 250 A **AMP BUS**

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GND. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GND. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1								0 VA	0 VA												2
3	3	20 A	--	--	--	--	EXG LOAD			0 VA	0 VA			EXG LOAD	--	--	--	--	20 A	3	4
5												0 VA	0 VA								6
7								0 VA	0 VA												8
9	3	30 A	--	--	--	--	EXG LOAD			0 VA	0 VA			SPARE	--	--	--	--	20 A	3	10
11												0 VA	0 VA								12
13	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	14
15	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	16
17	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	18
19	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	20
21	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	22
23	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	24
25	1	--	--	--	--	--	SPACE	--	--					SPACE	--	--	--	--	--	1	26
27	1	--	--	--	--	--	SPACE			--	--			SPACE	--	--	--	--	--	1	28
29	1	--	--	--	--	--	SPACE					--	--	SPACE	--	--	--	--	--	1	30
TOTAL CONNECTED LOAD PER PHASE...								0 VA		0 VA		0 VA									
								A		**B**		**C**									

*** -GFCI BREAKER** **** -SHUNT TRIP BREAKER**

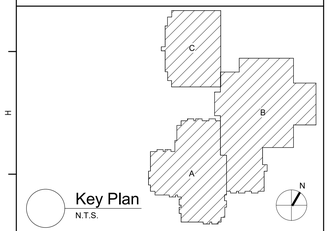
 # -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

TOTAL CONNECTED LOAD: 0 A
TOTAL CONNECTED LOAD: 0.000 kVA

SUPPLIED FROM: MSB

General Notes

1. REFER TO SHEET CE050 FOR GENERAL NOTES AND ASBESTOS AWARENESS NOTES.
2. PANEL SCHEDULES ARE PROVIDED TO INDICATE BREAKER SIZING WITHIN EACH PANEL. CONTRACTOR IS RESPONSIBLE FOR TRACING CIRCUITS AND PROVIDING UPDATED, TYPEWRITTEN PANEL SCHEDULES FOR ALL REPLACEMENT PANELS. WHERE A BREAKER IS FOUND TO NOT BE IN USE, LABEL AS SPARE AND LEAVE IN THE OFF POSITION. MAINTAIN ALL EXISTING PANEL SCHEDULES FROM DEMOLISHED PANELS - ADD PANEL IDENTIFICATION TO SCHEDULE AND TURN OVER TO OWNER FOR HISTORICAL RECORD.



S.E.D. Control No. 61-06-00-01-0-027-018

Rev. No.:	Date:	Description:

Ithaca CITY SCHOOL DISTRICT

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BID SET

Tetra Tech Engineers, Architects & Landscape Architects, P.C.

TETRA TECH ARCHITECTS & ENGINEERS

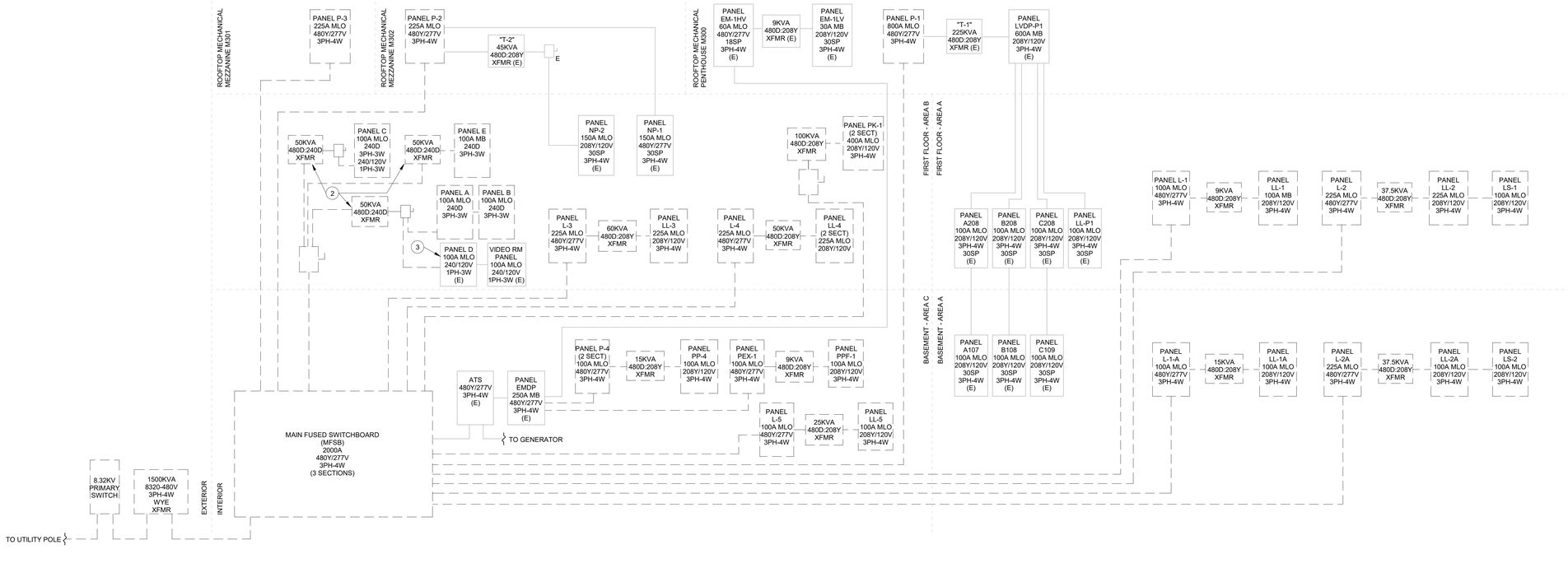
Ithaca City School District
Ithaca, NY

Reconstruction to:
Dewitt Middle School

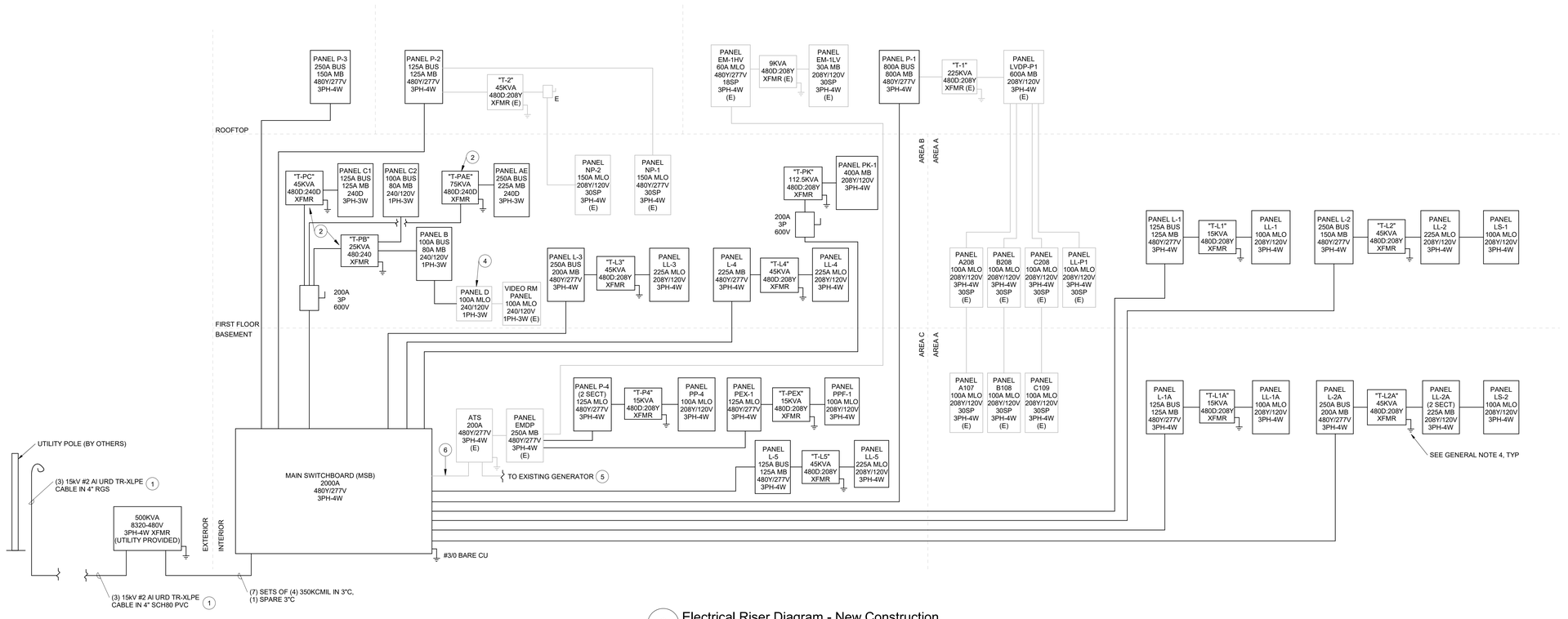
Panel Schedules

Drawn By:	Date:	Drawing Number:
Author	07/11//2025	CE605

Project No.: 214159-25001



1 Electrical Riser Diagram - Demolition
NTS



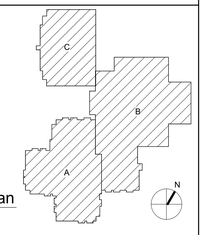
2 Electrical Riser Diagram - New Construction
NTS

Keyed Notes

1. PROVIDE 40' LENGTH OF PRIMARY CONDUCTORS AT POLE. 15' OF LENGTH AT VAULT. CONTRACTOR SHALL SUBMIT CONDUCTOR CUTSHEET TO NYSEG FOR APPROVAL PRIOR TO PURCHASE AND INSTALLATION. REFER TO DETAIL 3/501 FOR FURTHER INSTALLATION REQUIREMENTS.
2. TRANSFORMERS FOR PANELS SERVING CIRCUITS IN WOOD AND METAL SHOPS ARE MOUNTED ABOVE CEILING.
3. REMOVE FEED TO PANEL FROM DISCONNECT. MAINTAIN PANEL AND WIRING TO CONNECTED SUBPANEL.
4. CONNECT PANEL TO BREAKER IN PANEL B. REFER TO PANEL SCHEDULE ON SHEET CE602. EXTEND/MODIFY WIRING AS NEEDED TO MAKE CONNECTION - ASSUME MIN (3) #6, #10G IN 3/4"C.
5. REFER TO SHEET CC140 FOR EXTENT OF GENERATOR RELOCATION AND RECIRCUITING.
6. EXTEND FEEDERS IN KIND TO ATS FROM BREAKER IN MSB. ASSUME (4) #3/0, #6G IN 2"C.

General Notes

1. REFER TO SHEET CE050 FOR GENERAL NOTES AND ASBESTOS AWARENESS NOTES.
2. REFER TO SHEET CE100 FOR DEMOLITION NOTES.
3. REFER TO PANEL REPLACEMENT SCHEDULE AND TRANSFORMER SCHEDULE ON SHEET CE600 FOR FEEDER AND RACEWAY SIZING.
4. REFER TO TRANSFORMER SCHEDULE ON SHEET CE600 FOR GROUNDING CONDUCTOR SIZING.
5. REFER TO SHEETS BE500 AND BE501 FOR INSTALLATION DETAILS.



Key Plan
N.T.S.

S.E.D. Control No. 61-06-00-01-0-027-018

Rev. No.:	Date:	Description:

Ithaca City School District

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Tetra Tech Engineers, Architects & Landscape Architects, P.C.

BID SET

TETRA TECH ARCHITECTS & ENGINEERS

Ithaca City School District
Ithaca, NY

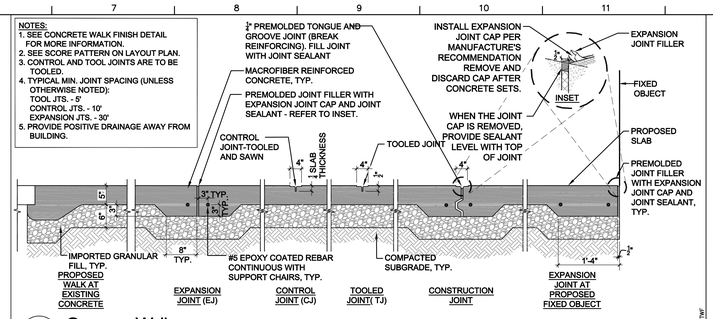
Reconstruction to:
Dewitt Middle School

Riser Diagrams

Drawn By:	Date:	Drawing Number:
TTAE	07/11/2025	CE700

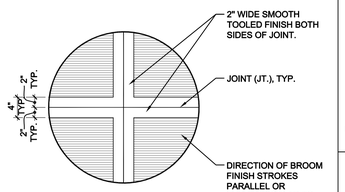
Project No.: 214159-25001

NOTES:
1. SEE CONCRETE WALK FINISH DETAIL FOR MORE INFORMATION.
2. SEE SCORE PATTERN ON LAYOUT PLAN.
3. CONTROL AND TOOL JOINTS ARE TO BE TOOLED.
4. TYPICAL MIN. JOINT SPACING (UNLESS OTHERWISE NOTED):
   TOOL JTS. - 5'
   CONTROL JTS. - 10'
   EXPANSION JTS. - 30'
5. PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDING.



9 Concrete Walk
N.T.S.

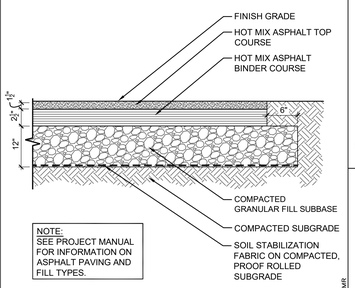
05.07.2018 - TWF



NOTE:
SEE CONCRETE WALK DETAIL FOR ADDITIONAL INFORMATION

10 Concrete Finish
NTS

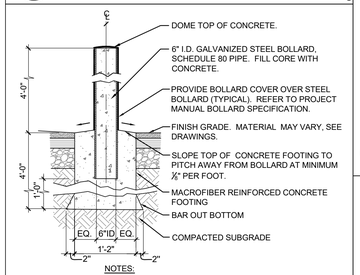
10.2008 - DFL



NOTE:
SEE PROJECT MANUAL FOR INFORMATION ON ASPHALT PAVING AND FILL TYPES.

11 Asphalt Paving - Auto Duty
NTS SECTION

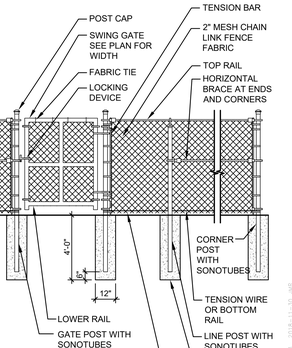
03.2019 - JMR



NOTES:
REFER TO PROJECT MANUAL FOR GALVANIZED STEEL MATERIAL REQUIREMENTS.

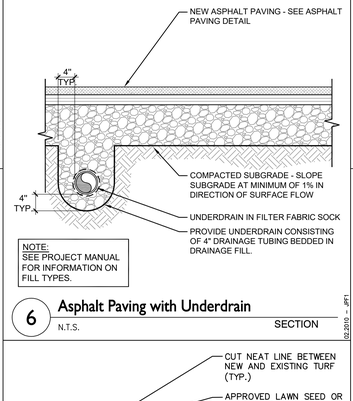
12 Bollard - Steel Pipe with Bollard Cover
NTS

03.2010 - DFL



NOTE: REFER TO CHAIN LINK FENCES AND GATES SPECIFICATION AND SITE PLAN FOR INFORMATION REGARDING MATERIALS, SIZES, AND COATINGS.

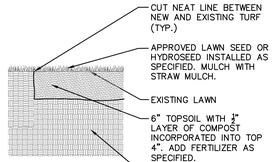
5 Chain Link Fence with Single Gate
NTS



NOTE:
SEE PROJECT MANUAL FOR INFORMATION ON FILL TYPES.

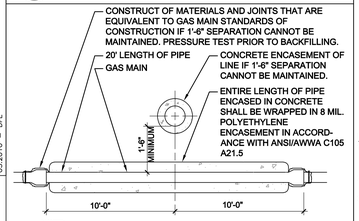
6 Asphalt Paving with Underdrain
N.T.S. SECTION

02.2010 - JPT



7 Lawn Area - Seeding Detail
N.T.S.

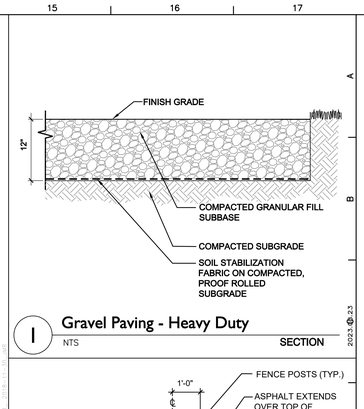
7.2015 SDF



NOTE:
IF 1'-6" SEPARATION CANNOT BE MAINTAINED THEN PROVIDE ONE OF THE FOLLOWING:
1. CONSTRUCT SEWER LINE OF MATERIALS AND JOINTS THAT ARE EQUIVALENT TO GAS PIPING, AND PRESSURE TEST PRIOR TO BACK FILLING.
2. WRAP EITHER PIPE IN 8 MIL. POLYETHYLENE AND ENCASE IN CONCRETE IN ACCORDANCE WITH ANSI /AWWA C105 A21.5

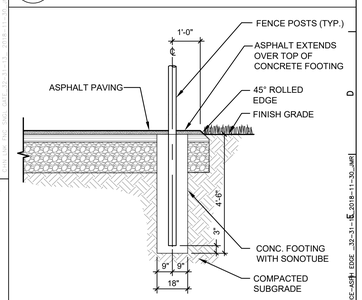
8 Pipe Crossing
NTS

03.2010 - JPT



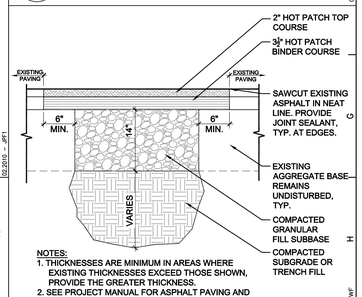
1 Gravel Paving - Heavy Duty
NTS SECTION

2023.03.23



2 Chainlink Fence Post and Edge Detail
NTS

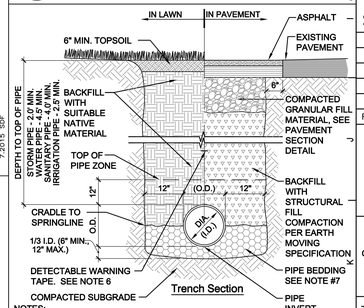
CHAIN_LINK_FENCE_ASPH_EDGE_-_32'-31'-6"_2018-11-30_.dwg



NOTES:
1. THICKNESSES ARE MINIMUM IN AREAS WHERE EXISTING THICKNESSES EXCEED THOSE SHOWN, PROVIDE THE GREATER THICKNESS.
2. SEE PROJECT MANUAL FOR ASPHALT PAVING AND FILL TYPES.

3 Asphalt Paving Patch
NTS SECTION

02.2019 - JMR



NOTES:
1. INSTALL PIPE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
2. INCLUDE SHORING AND DEWATERING IN TRENCHING OPERATIONS.
3. TRENCH DETAILS ARE ONLY SHOWN FOR PURPOSES OF MATERIAL PLACEMENT AND MAXIMUM PAY LIMITS. THICKNESSES INDICATED ARE MINIMUMS. WHERE EXISTING CONDITIONS EXCEED THOSE SHOWN, MATCH EXISTING.
4. USE MOVABLE PROTECTIVE TRENCH SHIELDS IN UNSHEETED TRENCH AREAS AS REQUIRED BY OSHA REGULATIONS.
5. MINIMUM BURY DEPTHS SHOWN ABOVE APPLY UNLESS OTHERWISE INDICATED.
6. PROVIDE DETECTABLE WARNING TAPE AS SPECIFIED.
7. PIPE BEDDING SHALL BE:
   STORM - USE STRUCTURAL FILL OR APPROVED FILL MATERIAL IN PIPE ZONE.
   WATER - USE CRUSHED STONE IN PIPE CRADLE. USE MATERIAL EXCAVATED FROM TRENCH WITH 3" AND LARGER STONE REMOVED IN REMAINING PIPE ZONE.

4 Pipe Trench
NTS

2020-03-03_NKS

S.E.D. Control No. 61-06-00-01-0-026-016
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Rev. No.:	Date:	Description:

Ithaca CITY SCHOOL DISTRICT

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BID SET

Tetra Tech Engineers, Architects & Landscape Architects, P.C.

TETRA TECH
ARCHITECTS & ENGINEERS

Ithaca City School District
Ithaca, NY

Reconstruction to:
Boynton Middle School
Dewitt Middle School

Site Details

Drawn by:	Date:	Drawing No.:
LGB	5/8/2026	ZC500

T+ Project No.: 214159-25001