Reconstruction to:
Springhurst Elementary School
Middle/High School

66-04-03-03-0-004-019
66-04-03-03-0-001-020



DOBBS FERRY MIDDLE / HIGH SCHOOL
SPRINGHURST ELEMENTARY SCHOOL

Project Location Map

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Drawing List

GENERAL
G001 Title Sheet
G100 Symbols and Abbreviations

Springhurst Elementary School

CODE COMPLIANCE
AG350 Code Compliance Review and Vintage Plans

SURVEY / MAPPING
AV001 SPRINGHURST ELEMENTARY SURVEY

CIVIL
AC100 Site Demolition Plan
AC110 Site Soil Erosion and Sediment Control Plan
AC120 Site Layout Plan
AC130 Site Grading Plan
AC140 Site Utility Plan
AC500 Site Details

ARCHITECTURAL
AA050 First and Second Floor Key Plans
AA100 First Floor Demolition, Floor and Reflected Ceiling Plans
AA750 Miscellaneous Details

MECHANICAL
AM050 First Floor Key Plan
AM051 Roof Key Plan
AM100 First Floor and Roof Plans, Details, and Controls

ELECTRICAL
AE051 First Floor Key Plan
AE400 Partial First Floor Demolition, Lighting, Power and Communcaiton Plans
AE401 Partial First Floor Demolition and Power Plans - By Alternate SES-01
AE500 Details

Middle High School

CODE COMPLIANCE
BG350 Code Compliance Review and Vintages
BG351 First Floor and Partial Third Floor Scope of Work Plans

HAZARDOUS MATERIALS
ACM001 Asbestos Containing Materials Location Plan - First Floor
ACM002 Asbestos Containing Materials Location Plan - Third Floor

SURVEY / MAPPING
BV001 DOBBS FERRY MSHS SURVEY

CIVIL
BC100 Site Demolition Plan
BC110 Site Soil Erosion and Sediment Control Plan
BC120 Site Layout Plan
BC130 Site Grading Plan
BC140 Site Utility Plan
BC500 Site Details

ARCHITECTURAL
BA050 Basement Floor Key Plan
BA051 First Floor Key Plan
BA052 Second Floor Key Plan
BA053 Third Floor Key Plan
BA101 First Floor Demolition Plans
BA102 Basement, First, Second and Third Floor Demolition Plans
BA131 Partial Floor Plans
BA132 Partial Floor Plans
BA160 Reflected Ceiling Plans
BA190 Roof Plan and Details
BA600 Door Schedule, Door and Window Types, and Details
BA700 Wall Types, Toilet Room Clearances, Accessories and Schedule
BA920 Enlarged Plans
BA930 Elevations

Middle High School

BA931 Details

STRUCTURAL
BS130 Partial Foundation Plans -Area B, Notes, and Details

MECHANICAL
BM051 First Floor Key Plan
BM052 Third Floor Key Plan
BM101 Partial First and Third Floor Plans
BM500 Details, Schedules, and Controls

ELECTRICAL
BE050 Basement and Pipe Crawl Space Key Plan
BE051 First Floor Key Plan
BE052 Second Floor Key Plan
BE053 Third Floor Key Plan
BE200 Basement Fire Alarm Demolition Plan
BE201 First Floor Fire Alarm Demolition Plan
BE202 Second Floor Fire Alarm Demolition Plan
BE204 Third Floor Fire Alarm Demolition Plan
BE205 Attic Fire Alarm Demoliton Plan
BE206 Basement Fire Alarm Plan
BE207 First Floor Fire Alarm Plan
BE208 Second Floor Fire Alarm Plan
BE209 Third Floor Fire Alarm Plan
BE210 Attic Fire Alarm Plan
BE400 Partial First Floor Demolition Plans - Area A, B and C
BE401 Partial First and Third Floor Lighting, Power and Communications Plan - Area A, B, and C
BE500 Details
BE501 Details

PLUMBING
BP050 First Floor Key Plan and Plumbing Fixture Schedule
BP051 Third Floor Plans, Details and Schedule
BP130 Basement Floor Plans and Details
BP400 Enlarged Plans

Drawn By:	Date:	Drawing Number:
TTAE	12/1/2023	AA130
Project No.:		
234903-23001		

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.

The engineer that has signed this document certifies that to the best of their knowledge, information and belief, the asbestos plans and specifications are in accordance with applicable requirements of the New York State Uniform Fire Prevention and Building Code, Construction Standards of the Commissioner of Education, New York State Department of Labor Part 56 of Title 12, and the United States Environmental Protection Agency Hazard Emergency Response ACT Regulations. Kevin C. Terry is accredited to the EPA and New York State under AHERA Regulations as an Asbestos Project Designer (Asbestos Handling Certificate Number 14-20336)

To the best of the Architect's knowledge, information and belief, the design of this project conforms to all applicable provisions of the New York State Uniform Fire Prevention and Building Code, the New York State Energy Conservation Code, and the building standards of the New York State Education Department.

BID SET

234903-23001
12/1/2023

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
- 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] — TOP OF FTG ELEVATION FROM DATUM; CONTINUOUS FTG
- <-1'-8> — FOUNDATION WALL
- BM. POCKET ELEVATION FROM DATUM
- STEPPED FOOTING
- INDICATES PIER TYPE
- P1 (-8) — 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
- ELEVATION FROM DRAWING DATUM
- BEAM SIZE
- NUMBER OF SHEAR STUDS OVER FULL LENGTH OF BEAM
- (-6) W8X15 [14] (GIR) — INDICATES TOP OF BEAM AT ADJ GIRDER ELEV
- 21K 0.7 21K
- END REACTION- KIPS
- DEFLECTION (INCHES) APPROX W/ WET CONC
- LINTEL DESIGNATION SEE SCHEDULE
- INDICATES LINTEL CONNECTION TO COLUMN
- L-2
- 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
- JOIST DESIGNATION
- 12K3 — INDICATES BEAM/JOIST/GIRDER DIRECTION
- 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 — FIN TUBE RADIATION
- ENC. LENGTH / ELEM. LENGTH / GPM — ENCLOSURE NOTED AS: W/U: WALL TO WALL, W/U: WALL TO UNIT, W/D: WALL TO DOOR, ETC...
- SUPPLY DUCT - POSITIVE PRESSURE
- RETURN DUCT - NEGATIVE PRESSURE
- 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)
- OR — FLEXIBLE DUCT
- VOLUME DAMPER
- FD — FIRE DAMPER
- SD — SMOKE DAMPER
- FSD — FIRE AND SMOKE DAMPER
- AAD — AUTOMATIC AIR DAMPER
- BDD — BACKDRAFT DAMPER

- 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
- MANUAL AIR VENT
- AV — AUTOMATIC AIR VENT
- SV — STEAM VENT
- VB — VACUUM BREAKER
- F — FLOW SWITCH
- M — FLOW METER
- ORIFICE METER
- VENTURI FLOW METER
- WYE STRAINER
- WYE STRAINER WITH BLOW DOWN VALVE
- DIRECTION OF FLOW
- PIPE BREAK
- M — WATER METER

- BASKET STRAINER
- DUPLEX BASKET STRAINER
- A — AQUASTAT
- D — PITCH PIPING (DOWN)
- AUTOMATIC FLOW CONTROL VALVE
- BACKFLOW PREVENTOR
- B — BALANCING VALVE
- BALL VALVE
- EXISTING BALL VALVE
- BUTTERFLY VALVE
- CHECK VALVE
- 2-WAY CONTROL MODULATING VALVE
- 3-WAY CONTROL, MODULATING VALVE (INSTALL STEM VERTICAL)
- 3-WAY CONTROL, THERMOSTATIC MIXING VALVE (SELF-CONTAINED)
- S — SOLENOID (ELECTRIC) ON/OFF
- M — MOTORIZED MODULATING VALVE
- FUSIBLE LINK VALVE
- GAS PRESSURE REGULATOR VALVE
- TRIPLE DUTY VALVE
- GATE VALVE
- GLOBE VALVE
- OS&Y GATE VALVE
- PLUG VALVE
- PRESSURE REDUCING VALVE
- PRESSURE RELIEF VALVE
- STEAM TRAP
- THERMOSTATIC STEAM TRAP
- FT — FLOAT AND THERMOSTATIC STEAM TRAP
- B — BUCKET STEAM TRAP
- AIR SEPARATOR
- CIRCULATING PUMP
- WATER HAMMER ARRESTOR
- CLEANOUT PLUG
- CODP — CLEANOUT DECK PLATE
- F — FIRE RISER VALVE ASSEMBLY
- BS — BURNER SHUT OFF
- H — HUMIDISTAT
- H S — HUMIDITY SENSOR
- H SG — HUMIDITY SENSOR W/ GUARD
- P S — PRESSURE SENSOR
- P SG — PRESSURE SENSOR W/ GUARD
- S — SWITCH
- T — THERMOSTAT
- T G — THERMOSTAT W/ GUARD
- T S — TEMPERATURE SENSOR
- CO2 — CO2 SENSOR
- POC — POINT OF CONNECTION
- FIRE DEPARTMENT CONNECTION

- 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

Electrical and Technology Symbols

- # — LIGHT FIXTURE # DENOTES TYPE
- # — LIGHT FIXTURE # DENOTES TYPE
- RETROFITTED LIGHT FIXTURE AS NOTED
- # — COMBINATION EXIT/EMERGENCY LIGHT # DENOTES TYPE
- # — EMERGENCY LIGHT W/BATTERY PACK # DENOTES TYPE
- # — EMER. LIGHT/WALL MOUNT # DENOTES TYPE
- # — EMERGENCY FIXTURE # DENOTES TYPE
- # — EMERGENCY FIXTURE # DENOTES TYPE
- # — EXIT LIGHT- CEILING MOUNTED # DENOTES TYPE
- # — EXIT LIGHT -WALL MOUNTED # DENOTES TYPE
- DLS — DAYLIGHT SENSOR
- AR # — AREA OF RESCUE LIGHT FIXTURE # DENOTES TYPE
- # — POLE MOUNTED SITE LIGHT # DENOTES TYPE
- LOW VOLTAGE LIGHTING CONTROL
- TC — TIME CLOCK
- OS — OCCUPANCY SENSOR
- VS — VACANCY SENSOR
- PC — PHOTO CELL
- CM — CARBON MONOXIDE DETECTOR
- F — FIRE ALARM MANUAL PULL STATION
- F F — FIRE ALARM BELL-
- 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 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.
- HCL — 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 18" 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
- FS # — 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
- P — UTILITY POLE
- 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

Symbol Tags

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

TYPICAL FOR ALL ELEC SYMBOLS

AC = ABOVE CEILING
AUX = AUXILLARY CONTACT
WP = WEATHERPROOF
WG = WIRE GUARD
A = ABOVE (CASEWORK)
B = BELOW (CASEWORK)
H = HORIZONTAL
TK = TOE KICK
TS = TEACHER STATION
USB = UNIVERSAL SERIAL BUS

Standard Symbols

- 2 / A12 — STANDARD REFERENCE BUBBLE: DETAIL NUMBER / DRAWING NUMBER
- Floor Plan — 1/8"=1'-0" — DRAWING TITLE & SCALE
- 2 A112 | 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
- 1 / 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

S.E.D. Control No. 66-04-03-03-0-004-019
S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

BID SET

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

TETRA TECH
ARCHITECTS & ENGINEERS

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Springhurst Elementary School
Dobbs Ferry Middle / High School

Symbols and Abbreviations

Drawn By:	Date:	Drawing Number:
TTAE	12/1/2023	G100

Project No.: 234903-23001

Abbreviations

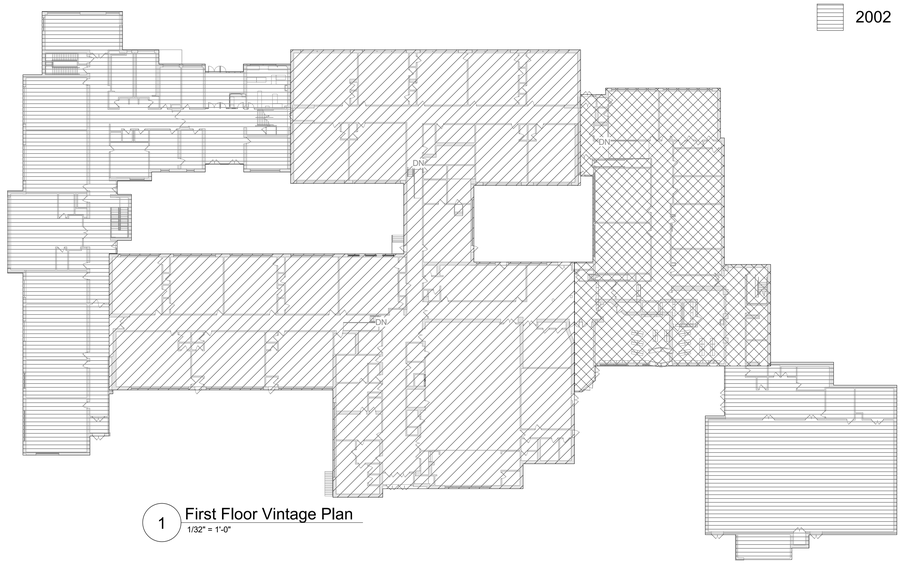
A		BD	BOARD	CHUV	CEILING HUNG UNIT VENTILATOR	DDC	DIRECT DIGITAL CONTROL	EOD	EDGE OF DECK	FR	FRAME, FLOOR REGISTER	HPR	HEAT PUMP LOOP WATER RETURN	LDR	LEADER	MTD	MOUNTED	POC	POINT OF CURVATURE, POINT OF CONNECTION	REV	REVISION, REVISED, REVEAL	SMH	SANITARY MANHOLE	TOM	TOP OF MASONRY	VERT	VERTICAL
A/S	AIR SEPARATOR	BDD	BACKDRAFT DAMPER			DE	DELONIZED WATER	EOS	EDGE OF SLAB	FRA	FRESH AIR			LEV	LEVEL	MTG	MOUNTING			RF	RUBBER FLOORING	SOG	SLAB ON GRADE	TOP	TOP OF PIPE, TOP OF PIER	VEST	VESTIBULE
AAC	ASBESTOS ABATEMENT CONTRACTOR	BF	BACK FLOW PREVENTER	CI	CAST IRON	DEG	DEGREES	EQ	EQUAL, EQUIVALENT	FRC	FIRE RESISTANT COATING	HPS	HEAT PUMP LOOP WATER SUPPLY	LF	LINEAR FOOT	MTH	MARBLE THRESHOLD	POL	POLISHED	RFG	ROOFING	SP	STATIC PRESSURE, STANDPIPE, SPACE (ING) (ES)	TOP	TOP OF STEEL, TOP OF STAIR	VIF	VERIFY IN FIELD
AAD	AUTOMATIC AIR DAMPER	BG	BOTTOM GRILLE	CIP	CAST IN PLACE	DEMO	DEMOLISH	EQC	EQUIPMENT CONTRACTOR	FRP	FIBERGLASS REINFORCED PANEL	HR	HANDRAIL, HOUR	LFMC	LIQUID-TIGHT FLEXIBLE METAL CONDUIT	MTL	METAL	POS	POSITIVE	RFH	ROOF HATCH	SPEC	SPECIFICATION (S)	TPART	TOILET PARTITION	VIN	VINYL
AB	ANCHOR BOLT, AIR BARRIER	BIT	BITUMINOUS	CIRC	CIRCUMFERENCE	DEP	DEPRESS (ED) (ION)	EQUIP	EQUIPMENT			HT	HEIGHT			MTR	METER	POT	POINT OF TANGENCY	RFM	RECESSED FLOOR MAT	SPKR	SPRINKLER	TRN	TRANSOM	VIT	VITREOUS TILE
AC	AIR CONDITIONING, ALTERNATING CURRENT	BLDG	BUILDING	CJ	CONTROL JOINT	DET	DETAIL (ED)	ES	EXPOSED SURFACE, EXPOSED STRUCTURE	FRT	FIRE RETARDANT	HTG	HEATING	LFNC	LIQUID-TIGHT FLEXIBLE NONMETALLIC CONDUIT	MULL	MULLION	PRE	POWER ROOF EXHAUSTER	RGS	RIGID GALVANIZED STEEL	SPL	SPECIAL	TS	TOP OF STAIR	VOL	VOLUME
ACCMP	ASPHALT COATED CORR METAL PIPE	BM	BEAM	CLKG	CAULKING	DFT	DRINKING FOUNTAIN	ESF	ELASTIC SHEET FLASHING	FSD	FIRE AND SMOKE DAMPER	HV	HIGH VOLTAGE	LG	LENGTH, LONG	MVEJ	MASONRY VENEER EXPANSION JOINT	PREP	PREPARE (ATION)	RH	RIGHT HAND	SQ	SQUARE	TV	TELEVISION	VTR	VENT THROUGH ROOF
		BO	BY OTHERS	CLL	CONTRACT LIMIT LINE	DH	DOUBLE HUNG	ESM	ELASTIC SHEET MEMBRANE	FT	FEET, FLOOR TREATMENT	HVAC	HEATING/VENTILATING/AIR CONDITIONING	LGI	LARGE GROUP INSTRUCTION	N	N	PRF	PREFORMED	RHC	REHEAT COIL	SS	STAINLESS STEEL	TW	TEMPERED WATER, TOP OF WALL	VWC	VINYL WALL COVERING
ACM	ASBESTOS CONTAINING MATERIAL	BOD	BOTTOM OF DUCT	CLR	CLEAR (ING) (ENCE)	DI	DROP INLET, DUCTILE IRON, DISTILLED WATER	EW	EWC	ELECTRIC WATER COOLER	FTG	FOOTING	HVU	HEATING AND VENTILATING UNIT	LIN	LINEAR	NAT	NATURAL	PRJ	PROJECT	RI	RECESS/IN	ST	STORM, STORAGE	TYP	TYPICAL	W	WEST, WIDTH, WIDE, WASTE, WATT
ACT	ACOUSTICAL CEILING TILE	BOF	BOTTOM OF FOOTING	CLRM	CLASSROOM	DIA	DIAMETER	EWT	EMERGENCY WATER TEMPERATURE	FTR	FIN TUBE RADIATION			LNR	LINER	NC	NONCRITICALLY CLOSED	PS	PAINT EXPOSED STRUCTURE/DECK	RL	RAIL(ING)	STA	STATION	U			
ACU	AIR CONDITIONING UNIT	BOS	BOTTOM OF STEEL	CMP	CORRUGATED METAL PANEL	DIAG	DIAGONAL			FVT	FLUSH VALVE	HW	HOT WATER	LL	LIVE LOAD	NEC	NATIONAL ELECTRIC CODE	PSF	POUNDS PER SQUARE FOOT	RM	ROOM	STC	SHOWER TEMPERATURE CONTROLLER, STAINED CONCRETE	UC	UNDERCUT	W/	WITH
AD	AREA DRAIN	BOT	BOTTOM	CMT	CERAMIC MOSAIC TILE	DIM	DIMENSION	EXG	EXISTING	G	GAS, GLYCOL	HWP	HOT WATER PUMP	LPC	LOW PRESSURE CONDENSATE	NEG	NEGATIVE	PSI	POUNDS PER SQUARE INCH	RMC	RIGID NONMETALLIC CONDUIT			UD	UNDERDRAIN	W/O	WITHOUT
ADA	AMERICAN DISABILITIES ACT	BPL	BEARING PLATE	CMU	CONCRETE MASONRY UNIT	DISP	DISPENSER	EXH	EXHAUST	GA	GAUGE	HWR	HOT WATER RETURN	LPS	LOW PRESSURE STEAM	NEUT	NEUTRALIZATION	PT	POINT, PORCELAIN TILE	RNC	RIGID NONMETALLIC CONDUIT			UE	UNDERGROUND ELECTRIC	WB	WET BULB
ADD	ADDENDUM	BR	BOTTOM REGISTER	CO	CLEAN OUT	DIST	DISTANCE	EXP	EXPANSION	GAL	GALLON	HWS	HOT WATER SUPPLY	LPT	LOW POINT	NIC	NOT IN CONTRACT	PTD	PAINTED	RNT	RUNNING TRAP	STD	STANDARD	UG	UNDERGROUND	WC	WATER CLOSET, WALL COVERING
ADDL	ADDITIONAL	BRDG	BRIDGING	COOP	CLEAN OUT DECK PLATE	DIV	DIVISION	EXT	EXTERIOR, EXTERNAL	GALV	GALVANIZED			I		NO	NUMBER, NORMALLY OPEN	PTFR	PRESSURE TREATED FIRE RETARDANT	RO	ROUGH OPENING	STL	STEEL	UNF	UNFINISHED	WD	WOOD, WOOD FLOORING
ADDN	ADDITION	BRG	BEARING	COL	COLUMN	DL	DEAD LOAD	F		GASK	GASKET (ED)			ID	INSIDE DIAMETER	NOM	NOMINAL	PTP	PRESSURE TREATED PRESERVATIVE	ROW	RIGHT OF WAY	STN	STAIN (ED)	UNIF	UNIFORM	WDW	WINDOW
ADH	ADHESIVE	BRK	BRICK	COMB	COMBINATION	DN	DOWN	F	FAHRENHEIT	GC	GENERAL CONTRACT (OR)			IE	INVERT ELEVATION	NRC	NOISE REDUCTION COEFFICIENT			RPM	REVOLUTIONS PER MINUTE	STOR	STORAGE	UNO	UNLESS NOTED OTHERWISE	WDWC	WINDOW CONTRACTOR
ADJ	ADJACENT	BRSH	BRICKSHELF	COMP	COMPRESS (ED) (ION) (IBLE), COMPOSITE	DO	DITTO	FA	FIRE ALARM	GCMU	GLAZED CONCRETE MASONRY UNIT			IN	INCHES			PVC	POLYVINYL CHLORIDE	RR	REMOVE EXISTING AND REPLACE WITH NEW	STRU	STRUCTURAL	UR	URINAL	WF	WASH FOUNTAIN
ADR	ACCESS DOOR	BRZ	BRONZE			DP	DAMPPROOF (ING)	FAI	FRESH AIR INTAKE					INCL	INCLUDE (D) (ING)	NTS	NOT TO SCALE	PVMT	PAVEMENT			SURF	SURFACE	UT	UNDERGROUND TELEPHONE	WG	WALL GRILLE, WATER GAUGE
AESS	ARCH EXPOSED STRUCTURAL STEEL	BS	BOTH SIDES, BOTTOM OF STAIR	CONC	CONCRETE	DPR	DAMPER	FCU	FAN COOLING UNIT	GCO	GRADE CLEANOUT GF GROUND FACE			INS	INSULATE (D) (ION)			RE	POWER WALL EXHAUSTER			SUSP	SUSP'S/SUSPENDED	UV	UNIT VENTILATOR	WH	WALL HUNG, WALL HYDRANT
AFF	ABOVE FINISH FLOOR	BSMT	BASEMENT	CONN	CONNECTION	DR	DOOR, DEEP RIB	FD	FLOOR DRAIN, FIRE DAMPER	GL	GLASS, GLAZING			INT	INTERIOR	OC	ON CENTER			Q		SUSPS	SUSPENDED	V		WHA	WATER HAMMER ARRESTOR
AH	ACCESS HATCH	BSPL	BACKSPLASH	CONST	CONSTRUCTION	DS	DOWNSPOUT, DRAINAGE STRUCTURE	FDC	FEDERIS DEPARTMENT CONNECTION	GND	GROUND			INV	INVERT	OD	OUTSIDE DIAMETER	QT	QUARTZ FLOORING	RW	RAW WATER	SV	SHEET VINYL, STEAM VENT	V	VENT, VOLT	WI	WROUGHT IRON
AHU	AIR HANDLING UNIT	BT	BENT	CONT	CONTINUOUS			FE	FIRE EXTINGUISHER	GPM	GALLONS PER MINUTE	IP	IRON PIPE	OH	OVERHEAD	QTR	QUARRY TILE					SVC	SERVICE WEIGHT CAST IRON	VAR	VARIES, VARIABLE	WM	WIREMOLD
AIB	AIR INFILTRATION BARRIER	BTUH	BRITISH THERMAL UNITS PER HOUR	CONTR	CONTRACT (OR)	DTA	DOVETAIL ANCHOR	FEC	FIRE EXTINGUISHER CABINET	GR	GRADE (ING), GLYCOL RETURN	IPS	IRON PIPE SIZE					R				SYM	SYMMETRICAL	VARN	VARNISH	WP	WATER PROOFING, WORKING POINT
ALT	ALTERNATE			COORD	COORDINATE	DTL	DETAIL	FF	FINISH FLOOR, FACTORY FINISH	GS	GLYCOL SUPPLY	IW	INDIRECT WASTE									SYN	SYNTHETIC	VAT	VINYL ASBESTOS TILE		
ALTB	ACOUSTICALLY LINED TRANSFER BOX	BUR	BUILT-UP ROOFING	CORR	CORROSION, CORRIDOR	DTR	DUAL TEMPERATURE RETURN			GR	GRAVEL			J	JANITORS CLOSET	MAS	MASONRY	OPP HD	OPPOSITE HAND			SYS	SYSTEM	VAV	VARIABLE AIR VOLUME	WR	WATER REPELLENT, WIDE RIB, WALL REGISTER
ALTN	ALTERATION ALUM ALUMINUM	BW	BOTTOM OF WALL	COWP	CLEAN OUT WALL PLATE	DTS	DUAL TEMPERATURE SUPPLY	FFE	FINISH FLOOR ELEVATION	GWB	GYPSUM WALL BOARD	JAN	JANITORS CLOSET	MAU	MAKE UP AIR UNIT	P	P			RA	RETURN AIR	T		VB	VACUUM BREAKER, VAPOR RETARDER BARRIER, VOLLEYBALL	WS	WATER STOP
AMP	AMPERE	BWC	BACK WATER CHECK VALVE	CPVC	CHLORINATED POLY VINYL CHLORIDE

Vintage Key

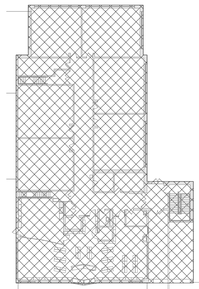
1959

1970

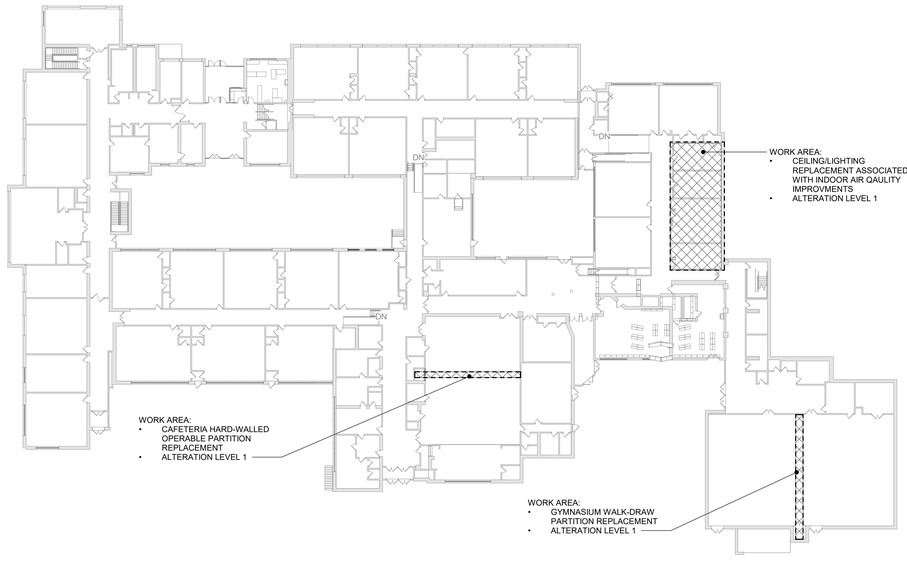
2002



1 First Floor Vintage Plan
1/32" = 1'-0"



2 Second Floor Vintage Plan
1/32" = 1'-0"



3 First Floor Work Areas
1/32" = 1'-0"

Code Compliance Review

PROJECT LOCATION:
175 WALGROVE AVE, DOBBS FERRY, NY 10522

PROJECT DESCRIPTION:
THIS PROJECT INCLUDES THE REPLACEMENT OF THE GYMNASIUM PARTITION WITH A NEW WALK-DRAW CURTAIN, THE REPLACEMENT OF THE CAFETERIA OPERABLE HARD-WALLED PARTITION WITH A NEW HARD-WALLED OPERABLE PARTITION, REPLACEMENT OF SELECT CEILINGS IN FOUR CLASSROOMS IN CONJUNCTION WITH INDOOR AIR QUALITY WORK AND EXTERIOR STAIR CONSTRUCTION CONNECTING DIFFERENT SITE AREAS.

WORK GENERALLY CONSISTS OF THE FOLLOWING:
ALTERATIONS - LEVEL 1
- GYMNASIUM AND CAFETERIA OPERABLE PARTITIONS
- CEILING REPLACEMENTS
- INDOOR AIR QUALITY IMPROVEMENTS IN 4 CLASSROOMS

APPLICABLE CODES AND STANDARDS:

BASED ON THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE, 2020 NYSBC, 2020 EBCNYS, 2020 ECCNYS, ICC A117.1-2017 STANDARD FOR ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES, AND COMMISSIONER OF EDUCATIONS 155 REGULATIONS (SED MPS-22).

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

BUILDING DATA:

BUILDING: SPRINGHURST ELEMENTARY SCHOOL
175 WALGROVE AVE
DOBBS FERRY, NY 10522

DESCRIPTION: THREE STORY MASONRY AND REINFORCED CONCRETE BUILDING

YEAR BUILT: 1959 (KNAPPE & JOHNSON ARCHITECTS)

BUILDING AREA:

GROUND	13,650 SQFT
1ST FLOOR	68,145 SQFT
2ND FLOOR	9,170 SQFT
TOTAL GROSS AREA=	90,965 SQFT

CODE DATA SUMMARY:

USE GROUP: E : EDUCATION

CONSTRUCTION TYPE -

EXISTING: IIB

NEW: IIB

FIRE SAFETY: UNSPRINKLERED

WORK AREA:

LOCATION	AREA	% OF TOTAL
GROUND	0 SQFT	0%
1ST FLOOR	2,190 SQFT	0.16%
2ND FLOOR	0 SQFT	0%

PATH OF CODE COMPLIANCE:

2020 EXISTING BUILDING CODE of NYS
301.3.2 WORK AREA COMPLIANCE METHOD

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

NEW CONSTRUCTION WILL COMPLY WITH REQUIREMENTS OF THE 2020 NYSBC, 2020 EBCNYS, 2020 ECCNYS, ICC A117.1-2017 STANDARD FOR ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES, AND COMMISSIONER OF EDUCATIONS 155 REGULATIONS (SED MPS-22).

INTERIOR FINISH REQUIREMENTS:

ALL FINISHES IN CORRIDORS AND ASSEMBLY SPACES SHALL HAVE A FIRE HAZARD CLASSIFICATION PER MANUAL OF PLANNING STANDARDS SECTION S202-2, a. THROUGH e.

RESCUE LABEL / SIGNAGE NOTES:

PROVIDE WARNING SIGN AT ALL MOVABLE PARTITIONS. SEE PROJECT MANUAL SECTION 01 35 26 FOR ADD'L REQUIREMENTS.

REFER TO SPECIFICATION SECTION 10 14 00 AND SIGNAGE DRAWINGS FOR TYPES AND LOCATIONS.

General Code Notes

A. ALL WALLS, INCLUDING AT CORRIDORS, SHALL EXTEND COMPLETELY TO THE UNDERSIDE OF DECKING, SUPPORTING STRUCTURE OR ROOF ABOVE, TYPICAL UNLESS NOTED OTHERWISE.

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

S.E.D. Control No. 66-04-03-03-0-004-019

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Springhurst Elementary School

Code Compliance Review and Vintage Plans

Drawn By:	Date:	Drawing Number:
m. reilly	12/1/2023	AG350

Project No.:
234903-23001



AV001

LEGEND

L.A.	LANDSCAPED AREA	MB	MAIL BOX
	POST	TMH	TELEPHONE MANHOLE
	SIGN	TP	TELEPHONE PEDESTAL
	IRON PIPE FOUND	TRANS	TRANSFORMER
	CAPPED IRON ROD FOUND	TSP	TRAFFIC SIGNAL POLE
	IRON ROD FOUND	TSB	TRAFFIC SIGNAL BOX
	CAPPED IRON ROD SET	EMH	ELECTRIC MANHOLE
CB	CATCH BASIN	UP	UTILITY POLE
DMH	DRAIN MANHOLE	LP	LIGHT POLE
SMH	SANITARY MANHOLE	HYD	HYDRANT
CO	CLEANOUT	WV	WATER VALVE
GV	GAS VALVE	WMH	WATER MANHOLE
OHV	OVERHEAD WIRES		
FO	UNDERGROUND FIBER OPTIC		
CTV	UNDERGROUND CABLE		
T	UNDERGROUND TELEPHONE		
G	UNDERGROUND GAS		
W	UNDERGROUND WATER		
E	UNDERGROUND ELECTRIC		
	OVERHEAD ROOF		

MAP NOTES:

1) HORIZONTAL DATUM IS PER NYS PLANE GRID EAST (NAD83)

2) VERTICAL DATUM IS PER NAVD88.

3) THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF AN ABSTRACT OR UP TO DATE TITLE REPORT AND IS THEREFORE SUBJECT TO ANY EASEMENTS, RESTRICTIONS, COVENANTS OR ANY STATEMENT OF FACTS THAT SUCH DOCUMENTS MAY DISCLOSE.

4) UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM DATA OBTAINED BY FIELD SURVEY, PREVIOUS MAPS AND RECORDS, AND FROM PAROLE TESTIMONY MADE BY SCHOOL DISTRICT AND UTILITY COMPANY PERSONNEL. THERE MAY BE OTHER UNDERGROUND UTILITIES, THE EXISTENCE OF WHICH ARE NOT KNOWN TO THE UNDERSIGNED. SIZE AND LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES MUST BE VERIFIED BY THE APPROPRIATE AUTHORITIES PRIOR TO ANY CONSTRUCTION.

5) FLOOD DATA OBTAINED FROM FIRM COMMUNITY PANEL 360119C0263F; WITH AN EFFECTIVE DATE OF 9/28/2007. ENTIRE PARCEL IN ZONE X (AREAS OF MINIMAL FLOODING).

MAP REFERENCES:

1) PARTIAL TOPOGRAPHIC SURVEY OF PROPERTY PREPARED FOR SPRINGHURST ELEMENTARY SCHOOL, MADE BY TERRY BERGENDORFF COLLINS, L.S. AND DATED MAY 4, 2012.

2) NEW DETENTION POND PREPARED FOR SPRINGHURST ELEMENTARY SCHOOL, DOBBS FERRY U.F.S.D. MADE BY CHAS. H. SELLS, INC. AND DATED 11/20/2001.

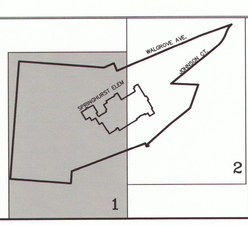
3) DOBBS FERRY U.F.S.D.; SPRINGHURST ELEMENTARY SCHOOL; DRAINAGE IMPROVEMENT PLAN; SHEET ES-2; BY KG&D ARCHITECTS AND DATED 5/29/2012.

4) TOPOGRAPHICAL SURVEY – SPRINGHURST SCHOOL, VILLAGE OF DOBBS FERRY, TOWN OF GREENBURGH, WESTCHESTER COUNTY, NY; BY PAUL J. PETRETTI, PE&LS AND DATED 4/21/1997. (2 sheets).

BAR SCALE

30 0 15 30 60

1 inch = 30 ft.



TOPOGRAPHIC SURVEY OF A PORTION OF

SPRINGHURST ELEMENTARY SCHOOL

DOBBS FERRY UNION FREE SCHOOL DISTRICT

VILLAGE OF DOBBS FERRY, WESTCHESTER COUNTY, STATE OF NEW YORK

PREPARED FOR TETRA TECH ARCHITECTS & ENGINEERS

T.P.N. – 3.130-121-81
T.P.N. – 3.130-121-82
T.P.N. – 3.130-121-82.1
T.P.N. – 3.130-121-83
Project No. – 15.03
Scale – 1"=30 feet
Sheet 1 of 2
Survey Date – 11/23/19
Map Date – 1/10/20
Print Date –
Checked By – RTB
Revisions –

Survey Prepared By:

BOLTON

LAND SURVEYING, P.C.

P.O. Box 265 – Pulkaski, NY 13142

TEL(315)298-5210 FAX:298-6787

Unauthorized alteration or addition to a survey map bearing a licensed land surveyor's seal is a violation of section 7209, of the New York State Education Law.

The certification hereon signifies that the survey was prepared in accordance with the existing code of practice for land surveys adopted by the New York State Association of Professional Land Surveyors. Certifications indicate the signer's professional opinion based on his knowledge and belief as the term is defined in the above mentioned code. It is not a guarantee or warranty as it is defined by implication or by law.

Certifications are not transferable to additional institutions or subsequent owners.

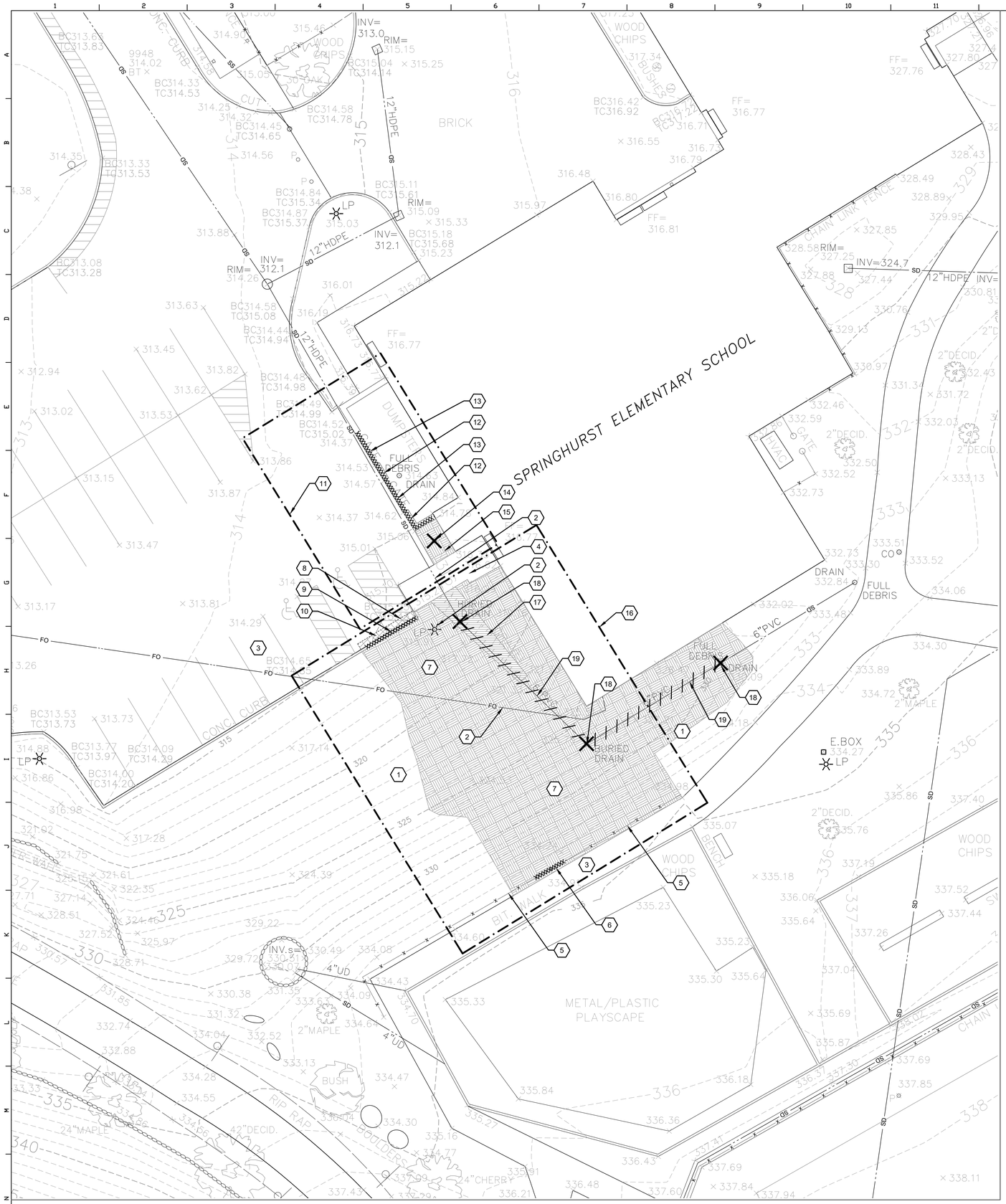
The location of underground improvements or encroachments, if any exist or are shown hereon, are not certified.

This survey is valid only if sealed, and the surveyor assumes no liability if it is used in violation of this section. The terms "certify" or "certified" or similar document, statement or conclusion to which they are attached.

ROBERT T. BOLTON

L.S.#49880

DWG. NAME = DOBBS FERRY SPRINGHURST



I Site Demolition Plan
1" = 10'

Site Preparation/Demolition Key Notes

1 EXISTING LAWN AREA TO REMAIN - REPAIR AS REQUIRED

2 EXISTING UTILITY TO REMAIN, PROTECT.

3 EXISTING ASPHALT TO REMAIN, PROTECT (TYP.).

4 EXISTING CONCRETE TO REMAIN, PROTECT (TYP.).

5 EXISTING FENCE TO REMAIN, PROTECT (TYP.).

6 ALTERNATE No. SES-03: REMOVE 7-LF OF CHAIN LINK FENCE AND POSTS.

7 ALTERNATE No. SES-03: STRIP, SCREEN, AND STOCKPILE TOPSOIL. STOCKPILE LOCATION TO BE APPROVED BY OWNER'S REPRESENTATIVE. REMOVE SUBGRADE AS REQUIRED TO MEET DESIGN GRADES AND ACCOMMODATE NEW WORK. HAND DIG IN VICINITY OF EXISTING BURIED UTILITIES TO AVOID DAMAGE (TYP.).

8 ALTERNATE No. SES-03: SAW CUT ASPHALT PAVEMENT.

9 ALTERNATE No. SES-03: REMOVE 13-LF OF CONCRETE CURB.

10 ALTERNATE No. SES-03: REMOVE ASPHALT PAVEMENT.

11 ALTERNATE No. SES-02: LIMIT OF WORK.

12 ALTERNATE No. SES-02: REMOVE BRICK WALL AND FOOTING.

13 ALTERNATE No. SES-02: REMOVE OVERHEAD FENCE RAIL AND GATE.

14 ALTERNATE No. SES-02: REMOVE EXISTING POST IN LAWN.

15 ALTERNATE No. SES-02: STRIP, SCREEN, AND STOCKPILE TOPSOIL. STOCKPILE LOCATION TO BE APPROVED BY OWNER'S REPRESENTATIVE. REMOVE SUBGRADE AS REQUIRED TO MEET DESIGN GRADES AND ACCOMMODATE NEW WORK. HAND DIG IN VICINITY OF EXISTING BURIED UTILITIES TO AVOID DAMAGE (TYP.).

16 ALTERNATE No. SES-03: LIMIT OF WORK.

17 REMOVE AND STORE EXISTING RIP-RAP FOR REINSTALLATION.

18 REMOVE AND DISPOSE OF EXISTING YARD DRAIN.

19 REMOVE AND DISPOSE OF EXISTING STORM PIPE.

Site Preparation/Demolition General Notes

1. THESE GENERAL SITE / PREPARATION / DEMOLITION NOTES REFER TO AC-SERIES DRAWINGS.
2. THE INTENT OF THIS DRAWING IS TO INDICATE PREPARATORY WORK, REMOVALS AND DEMOLITION NECESSARY TO CONSTRUCT THE PROJECT AS SHOWN ON THE REST OF THE CONTRACT DRAWINGS. SOME NOTES ARE GENERAL IN NATURE AND IT SHALL BE UNDERSTOOD THAT IT IS NOT FEASIBLE TO INDICATE EACH AND EVERY SPECIFIC REMOVAL. SITE PREPARATION / DEMOLITION DRAWINGS SHALL NOT BE USED ALONE, BUT SHALL BE USED IN CONJUNCTION WITH THE OTHER DRAWINGS FOR WORK TO BE REMOVED, REUSED, AND / OR REVISED NOT INDICATED HERE.
3. CONTRACTOR TO MAINTAIN UTILITY SERVICES TO BUILDINGS TO REMAIN. IF UTILITY SERVICES MUST BE INTERRUPTED THE CONTRACTOR SHALL COORDINATE THAT SHUTDOWN TO MINIMIZE IMPACT TO BUILDINGS. SEE PROJECT MANUAL REGARDING COORDINATION OF DEMOLITION WORK WITH UTILITY COMPANIES.
4. THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN SAFE SITE ACCESS TO PEDESTRIAN, VEHICULAR TRAFFIC, EMERGENCY AND HEALTH SAFETY AGENCIES. IF ACCESS WILL BE COMPROMISED IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE AT LEAST ONE WEEK IN ADVANCE WITH THE OWNER'S REPRESENTATIVE AND HEALTH SAFETY AGENCIES, UNLESS OTHERWISE NOTED IN THE PROJECT MANUAL.
5. UTILITIES, SIDEWALKS, PAVEMENT, SLABS, FOUNDATIONS, AND MISCELLANEOUS FEATURES NOTED TO BE DEMOLISHED SHALL BE SPOILED OFF-SITE IN A LEGAL MANNER UNLESS OTHERWISE DIRECTED BY THE OWNER'S REPRESENTATIVE. NO BURNING OF DEBRIS SHALL BE ALLOWED. IMMEDIATELY BACKFILL VOIDS WITH COMPACTED GRANULAR MATERIAL AS SPECIFIED.
6. WHEN A SITE FEATURE IS INDICATED TO BE REMOVED, THE SITE FEATURE, INCLUDING APPURTENANCES AND FOOTINGS, SHALL BE DISPOSED OF LEGALLY OFF SITE, UNLESS OTHERWISE INDICATED. IMMEDIATELY BACKFILL VOIDS WITH COMPACTED GRANULAR MATERIALS AS SPECIFIED.
7. WHEN A SITE FEATURE IS INDICATED TO REMAIN, IT SHALL BE PROTECTED AS INDICATED AND / OR SPECIFIED. WHEN DISTURBANCE OCCURS AROUND AN EXISTING FEATURE, THE CONTRACTOR SHALL USE ADDITIONAL PRECAUTIONS INCLUDING, BUT NOT LIMITED TO HAND DIGGING TO PROTECT THE FEATURE.
8. EXISTING ON-SITE UTILITIES SHALL REMAIN UNLESS DESIGNATED FOR REMOVAL. PROTECT ALL EXISTING UTILITIES TO REMAIN.
9. MANHOLES, CATCH BASINS, CLEAN OUTS, VALVE BOXES, FRAMES, COVERS AND GRATES REMAINING IN USE SHALL BE PROTECTED AND ADJUSTED TO FINAL GRADES. CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AT ALL TIMES.
10. CONTRACTOR IS RESPONSIBLE TO VERIFY GRADES AND UTILITIES SHOWN ON EXISTING CONDITIONS PLAN PRIOR TO START OF WORK. DISCREPANCIES ARE TO BE DOCUMENTED AND SUBMITTED TO THE OWNER'S REPRESENTATIVE AT THE TIME OF DISCOVERY.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATIONS, INCLUDING, BUT NOT LIMITED TO, UTILITIES, STORM DRAINAGE, SIGNS, ETC. AS INDICATED ON DESIGN DOCUMENTS.
12. IF EXISTING SITE FEATURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION BY CONTRACTOR, SITE FEATURES SHALL BE REPAIRED IN-KIND, TYPICAL.
13. CONTRACTOR TO REMOVE OR RELOCATE, WHEN APPLICABLE, ALL CONNECTING IMPROVEMENTS, DRAIN PIPES, SANITARY SEWER PIPES, POWER POLES, AND GUY WIRES, WATER METERS AND WATER LINES, WELLS, SIDEWALKS, SIGN POLES, UNDERGROUND GAS, SEPTIC TANKS, AND ASPHALT, SHOWN AND NOT SHOWN, WITHIN CONSTRUCTION LIMITS AND WHERE NEEDED, TO ALLOW FOR NEW CONSTRUCTION AS SHOWN.
14. CONTRACTOR TO NOTIFY OWNERS REPRESENTATIVE IF UNIDENTIFIED UTILITIES ARE ENCOUNTERED INCLUDING, BUT NOT LIMITED TO, STORM SEWER, SANITARY SEWER, TELECOMMUNICATIONS SERVICE, ELECTRICAL SERVICE, GAS SERVICE, WATER SERVICE, IRRIGATION LINES. UTILITIES LINES TO REMAIN UNDISTURBED UNTIL DIRECTED BY OWNERS REPRESENTATIVE.
15. CONTRACTOR SHALL REQUEST UFPO PRIOR TO START OF ANY WORK. "DIG SAFELY NEW YORK - CALL 811 - BEFORE YOU DIG".

Site Phasing Notes

1. INSTALL SOIL EROSION AND SEDIMENT CONTROL MEASURES BEFORE SOIL DISTURBANCE AND INSTALLATION OF OTHER TEMPORARY CONSTRUCTION FEATURES.
2. ACCESS ROADS AND CONSTRUCTION ENTRANCES ARE TO BE KEPT CLEAR AT ALL TIMES.
3. REFER TO PROJECT MANUAL FOR PHASING INFORMATION FOR INSTALLATION OF PAVING, SIDEWALKS, CURBING AND STORM UTILITIES.
4. CONTRACTOR PARKING IS RESTRICTED TO STAGING OR DESIGNATED TEMPORARY PARKING AREAS.
5. AT STAGING AND OTHER TEMPORARY AREAS TO BE RESTORED TO LAWN: THOROUGHLY REMOVE GRAVEL, STONES, DEBRIS, VEGETATION, ETC. FROM EXISTING TOPSOIL AND SCARIFY TO A MINIMUM DEPTH OF 6". AMEND TOPSOIL WITH COMPOST AND NUTRITIONAL AMENDMENTS AND FINE GRADE, FERTILIZE AND SEED OR SOD.
6. AT STAGING AND OTHER TEMPORARY AREAS ON EXISTING PAVING: CONTRACTOR TO REMOVE AND REPLACE EXISTING PAVING IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS.
7. PAVING THAT IS DAMAGED DUE TO CONSTRUCTION ACTIVITIES IS TO BE REMOVED AND REPLACED IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS.
8. LAWN THAT IS DAMAGED DUE TO CONSTRUCTION ACTIVITIES IS TO BE REMOVED AND THE AREA SCARIFIED. PROVIDE NEW TOPSOIL AS REQUIRED TO BRING THE AREA TO MATCH SURROUNDING GRADE. FERTILIZE AND SEED OR SOD.

General Site Notes

1. THESE GENERAL SITE NOTES APPLY TO AC-SERIES DRAWINGS.
2. REFER TO SURVEY FOR INFORMATION ON EXISTING FEATURES. IF EXISTING FEATURES ARE MISSING, MODIFIED, OBSCURED, OR THERE IS A CONFLICT BETWEEN HOW AN EXISTING FEATURE IS PORTRAYED ON THIS SHEET AND THE SURVEY, THE SURVEY SHALL GOVERN.
3. PRIOR TO CONSTRUCTION, LOCATE AND PROMINENTLY MARK THE PROPERTY LINES IN THE FIELD. PROTECT PROPERTY LINE MARKING AND MONUMENTS DURING CONSTRUCTION UNTIL FINAL ACCEPTANCE.
4. THE SURVEY(S) INCLUDED IN THESE DOCUMENTS ARE PROVIDED FOR INFORMATION ONLY AND ARE THE BASE INFORMATION USED TO PREPARE THE WORK INDICATED ON THESE DRAWINGS. THE DATA INDICATED REGARDING EXISTING CONDITIONS IS NOT INTENDED AS REPRESENTATIONS OR WARRANTIES OF THEIR ACCURACY. BY INCLUSION OF THE SURVEY(S) IN THIS SET OF DOCUMENTS, TETRA TECH AND THE OWNER DO NOT ASSUME RESPONSIBILITY FOR ACCURACY OF THE SURVEY, NOR FOR INTERPRETATIONS OR CONCLUSIONS DRAWN THEREFROM BY THE CONTRACTOR.
5. THE CONTRACTOR SHALL FIELD VERIFY EXISTING FEATURES, CONDITIONS, UTILITIES, PROPERTY LINES AND TOPOGRAPHY PRIOR TO COMMENCEMENT OF WORK. ANY DISCREPANCIES WHICH WILL AFFECT THE WORK REQUIRED AS PART OF THE CONTRACT DOCUMENTS SHALL BE IMMEDIATELY REPORTED IN WRITING TO THE ARCHITECT. COMMENCEMENT OF WORK WITHOUT THIS WRITTEN NOTIFICATION SHALL CONSTITUTE CONTRACTOR ACCEPTANCE OF THE EXISTING INFORMATION INDICATED ON THE DRAWINGS AS ACCURATE. NO ADJUSTMENTS TO THE CONTRACT WILL BE MADE FOR THE DISCREPANCIES BROUGHT TO THE OWNER'S ATTENTION AFTER WORK HAS BEGUN.
6. NO ATTEMPT HAS BEEN MADE TO SHOW ALL UNDERGROUND UTILITIES ON THIS DRAWING. CONTACT UNDERGROUND UTILITY LOCATION ORGANIZATION AND LOCAL UTILITY COMPANIES TO VERIFY THE LOCATION OF UTILITIES PRIOR TO EARTHWORK, TRENCHING OR EXCAVATION OPERATIONS.
7. CONTRACT LIMIT LINE SHALL BE TEN FEET OUTSIDE OF LIMITS OF WORK INDICATED ON THESE DRAWINGS AND NOT TO EXTEND BEYOND THE PROPERTY LINE UNLESS OTHERWISE INDICATED.
8. CONTRACTOR SHALL PROVIDE CONSTRUCTION/PROTECTIVE FENCING OR OTHER MEANS NECESSARY TO PROTECT WORK AND TO ENSURE SAFETY OF THE PUBLIC, PEDESTRIANS AND VEHICULAR TRAFFIC DURING CONSTRUCTION.
9. FOR INFORMATION REGARDING SUBSURFACE CONDITIONS AND TEST LOCATIONS, COORDINATE WITH OWNER REGARDING THE AVAILABILITY OF GEOTECHNICAL INFORMATION.
10. AT EDGE OF ALL NEW PAVING MEETING LAWN, REMOVE EXISTING TURF TO MINIMUM OF 4-FT FROM NEW PAVEMENT EDGE, UNLESS OTHERWISE NOTED. CUT NEAT REMOVAL LINE AND SCARIFY EXISTING GRADE. PROVIDE TAMPED TOPSOIL TO BRING EXISTING GRADE FLUSH WITH NEW PAVING. SLOPE LAWN AWAY FROM PAVING TO PREVENT PONDING. FINE GRADE, FERTILIZE, SEED AND MULCH IN ACCORDANCE WITH THE PROJECT MANUAL.

SITE DEMOLITION AND PREPARATION LEGEND

	REMOVE EXISTING ASPHALT PAVEMENT SECTION AND SUBBASE AS REQUIRED
	REMOVE EXISTING RIP-RAP STONE
X	REMOVE SITE FEATURE AS INDICATED IN DEMOLITION KEYNOTES (Specific Feature)
XXXX	REMOVE SITE FEATURE AS INDICATED IN DEMOLITION KEYNOTES (Outline of Feature)
	REMOVE LINEAR FEATURE REFER TO DRAWING'S FOR TYPE
	REMOVE EXISTING LAWN AND SOIL AS REQUIRED

S.E.D. Control No. 66-04-03-03-0-004-019

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

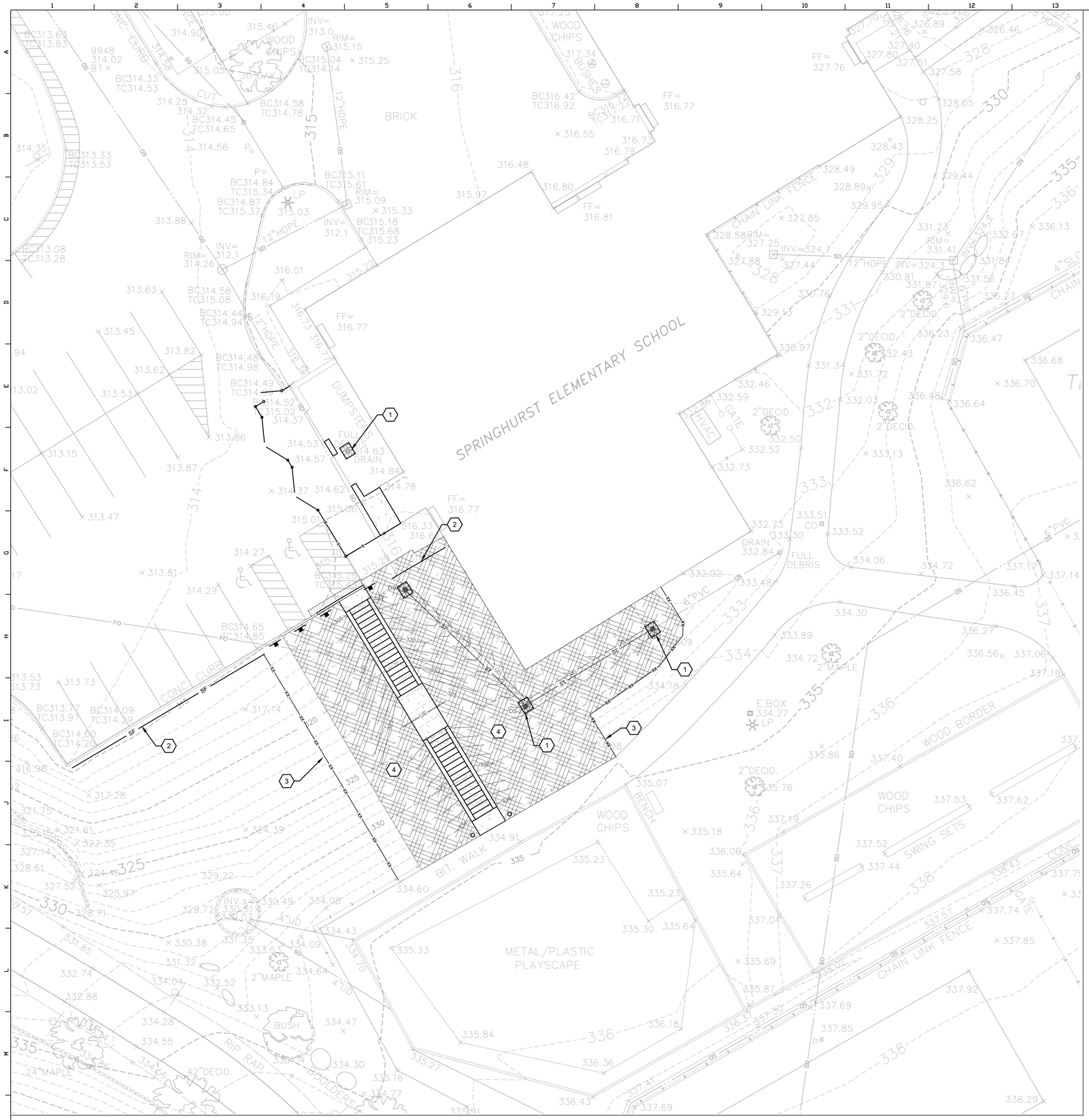
Reconstruction to:
Springhurst Elementary School

Site Demolition Plan

Drawn by:	Date:	Drawing No.:
J.L.P.	12/01/2023	AC100

234903-23001

0 5' 10' 20'
SCALE: 1" = 10'



I Site Soil Erosion and Sediment Control Plan
1" = 10'

Site Erosion and Sediment Control Notes

1. ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE INSTALLED IN ACCORDANCE WITH THE STANDARDS SPECIFIED IN THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL (BLUE BOOK), LATEST EDITION, AND WILL BE INSTALLED IN PROPER SEQUENCE AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.
2. ANY DISTURBED AREA THAT WILL BE LEFT EXPOSED FOR MORE THAN THIRTY DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC SHALL IMMEDIATELY RECEIVE A TEMPORARY SEEDING. IF THE SEASON PROHIBITS TEMP. SEEDING, THE DISTURBED AREA WILL BE MULCHED WITH SALT HAY OR EQUIVALENT AND BOUND IN ACCORDANCE WITH THE NY STANDARDS.
3. NYS DEC REGULATIONS REQUIRE THAT DISTURBANCE BE LIMITED TO AREAS LESS THAN 5-ACRES AT ANY ONE TIME.
4. IMMEDIATELY FOLLOWING INITIAL DISTURBANCE OR ROUGH GRADING, ALL CRITICAL AREAS SUBJECT TO EROSION WILL RECEIVE A TEMPORARY SEEDING IN COMBINATION WITH STRAW MULCH OR A SUITABLE EQUIVALENT ACCORDING TO NYS DEC STANDARDS.
5. STABILIZATION SPECIFICATIONS:

   A. SOIL AMENDMENTS:

   LIME - PROVIDE GROUND LIMESTONE TO PH OF 6.0.

   FERTILIZER - 14 LBS/1,000 S.F., 5-10-10 OR EQUIVALENT WORKED INTO SOIL A MINIMUM OF 4".

   B. TEMPORARY SEEDING AND MULCHING:

   SEED - ANNUAL RYEGRASS 30 LBS/ACRE; PLANT BETWEEN MARCH 1 AND MAY 15 OR BETWEEN AUGUST 15 AND OCTOBER 1. USE WINTER RYE IF SEEDING IN OCT./NOV.

   MULCH - SALT HAY OR SMALL GRAIN STRAW AT A RATE OF 90 LBS/1,000 S.F., TO BE APPLIED ACCORDING TO THE NY STANDARDS. MULCH SHALL BE SECURED BY WOOD FIBER MULCH (HYDROMULCH) AT 11-17 LBS./1,000 S.F. WOOD FIBER MULCH MUST BE APPLIED THROUGH A HYDROSEEDER IMMEDIATELY AFTER MULCHING.

   C. PERMANENT SEEDING AND MULCHING:

   SEED - REFER TO PROJECT MANUAL SPECIFICATIONS FOR SEED TYPE, RATE OF SEEDING AND SEASON OF SEEDING. RATE AND SEED TYPE ARE TO MEET THE MINIMUM REQUIREMENTS OF THE NY STANDARDS.

   MULCH - REFER TO PROJECT MANUAL SPECIFICATIONS FOR MULCH TYPE, RATE OF APPLICATION, ETC. RATE AND MULCH TYPE ARE TO MEET THE MINIMUM REQUIREMENTS OF THE NY STANDARDS.
6. TEMPORARY BERMS ARE TO BE INSTALLED ON ALL CLEARED ROADWAYS AND EASEMENT AREAS IN ACCORDANCE WITH SECTION 5A OF THE NY STANDARDS.
7. THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORMWATER RUN-OFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES.
8. ALL SEDIMENTATION STRUCTURES WILL BE INSPECTED AND MAINTAINED ON A REGULAR BASIS.
9. STOCKPILES ARE NOT TO BE LOCATED WITHIN 50' OF A FLOODPLAIN, SLOPE, ROADWAY, OR DRAINAGE FACILITY. THE BASE OF ALL STOCKPILES SHOULD BE PROTECTED BY A SILT DAM OR STRAW BALE DIKE IN ACCORDANCE WITH NY STANDARDS.
10. A CRUSHED STONE, VEHICLE WHEEL-CLEANING BLANKET WILL BE INSTALLED WHEREVER A CONSTRUCTION ACCESS ROAD INTERSECTS ANY PAVED ROADWAY. SAID BLANKET WILL BE COMPOSED OF 2" CRUSHED STONE, 6" THICK, WILL BE AT LEAST 30'X100' AND SHOULD BE UNDERLAIN WITH A SUITABLE SYNTHETIC SEDIMENT FILTER FABRIC AND MAINTAINED (SEE DETAIL).
11. ALL CATCH BASIN INLETS WILL BE PROTECTED WITH A FABRIC FILTER CRUSHED STONE OR FABRIC FILTER (FILTER DETAILS APPEAR ON THE PLAN).
12. ALL STORM DRAINAGE OUTLETS WILL BE STABILIZED, AS REQUIRED, BEFORE THE DISCHARGE POINTS BECOME OPERATIONAL.
13. ALL DEWATERING OPERATIONS MUST DISCHARGE DIRECTLY INTO A SEDIMENT TRAP OR APPROVED AFTERMARKET PRODUCT IN ACCORDANCE WITH SECTION 5A OF THE NY STANDARDS.
14. PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES.
15. STABILIZED CONSTRUCTION ENTRANCE AND CONSTRUCTION ACCESS AREAS TO BE RESTORED TO EXISTING CONDITIONS, LAWN RESTORATION SHALL INCLUDE REMOVAL GRANULAR FILL, GRAVEL AND STONE. SCARIFY SUBGRADE. PROVIDE TOPSOIL AND LIGHTLY COMPACT TO BE FLUSH WITH SURROUNDING GRADE. FINE GRADE, FERTILIZE, SEED AND MULCH.

Site Erosion & Sediment Control Sequence

1. INSTALL STABILIZED CONSTRUCTION ENTRANCE PAD.
2. INSTALL TEMPORARY TREE PROTECTION AT EXISTING TREES WITHIN CONSTRUCTION AREA. PRIOR TO COMMENCEMENT OF GRADING OPERATIONS,
3. INSTALL SILT FENCE, SEDIMENT TRAPS AND SEDIMENT BASINS.
4. INSTALL TEMPORARY STORM SEWER INLET PROTECTION AT ALL EXISTING DRAINAGE INLETS THAT WILL BE RECEIVING STORM DRAINAGE FROM CONSTRUCTION ACTIVITIES.
5. PREPARE CONTRACTOR ACCESS DRIVES, PARKING AND STAGING AREAS WITH TYPE 2 FILL OR OTHER SURFACING THAT WILL PREVENT EROSION OF THESE AREAS. STRIP TOPSOIL AND STOCKPILE IN LOCATION SHOWN.
6. SURROUND ALL STOCKPILES WITH SILT FENCE OR HAY BALE BARRIER. THROUGHOUT GRADING OPERATIONS,
7. PROVIDE TEMPORARY AND PERMANENT SEEDING PER SOIL EROSION AND SEDIMENT CONTROL NOTES NOS. 2, 3, & 4.
8. AFTER SLOPES ARE CUT OR FILLED, PROVIDE EROSION CONTROL MATTING AT ALL SLOPES THAT ARE THREE HORIZONTAL TO ONE VERTICAL AND STEEPER.
9. BEFORE COMMENCEMENT OF EXCAVATING FOR FOOTINGS, INSPECT SITE WITH OWNER/ARCHITECT FOR COMPLIANCE WITH SOIL EROSION AND SEDIMENT CONTROL REQUIREMENTS.
10. DURING EXCAVATION FOR FOOTINGS, TRENCHES, ETC., WHEN DEWATERING IS REQUIRED, PROVIDE MEANS TO REMOVE SEDIMENT IN ACCORDANCE WITH SOIL EROSION AND SEDIMENT CONTROL NOTE #13 THIS DRAWING.
11. AS STORM STRUCTURES ARE BEING INSTALLED, PROVIDE TEMPORARY STORM SEWER INLET PROTECTION PER DETAIL AT ALL GRATED STORM SEWER INLETS PRIOR TO CONNECTING BASINS TO NEW STORM PIPING. MAINTAIN EROSION CONTROL DEVICES IN FULLY FUNCTIONAL CONDITION THROUGHOUT CONTRACT PERIOD.
12. PROVIDE ADDITIONAL EROSION CONTROL MEASURES AS REQUIRED TO MEET NEW YORK STANDARDS OR AS REQUIRED BY SOIL CONSERVATION DISTRICT.
13. UPON OWNER APPROVAL, REMOVE TEMPORARY SOIL & EROSION CONTROL MEASURES AFTER PERMANENT MEASURES ARE IN PLACE AND FUNCTIONING EFFECTIVELY.

N

0 5' 10' 20'
SCALE: 1" = 10'

General Site Notes

1. REFER TO DRAWING AC100 FOR GENERAL SITE NOTES THAT APPLY TO AC-SERIES DRAWINGS.

(#) Soil Erosion & Sediment Control Key Notes

1 ALTERNATE No. SES-02: DROP-IN INLET PROTECTION, (TYP.). SEE DETAIL 6 / AC500.

2 ALTERNATE No. SES-03: SILT FENCE, (TYP.). SEE DETAIL 8 / AC500.

3 ALTERNATE No. SES-03: CONSTRUCTION FENCE, (TYP.). SEE DETAIL 9 / AC500.

4 ALTERNATE No. SES-03: TURF REINFORCEMENT ROLLED EROSION CONTROL BLANKET (TYP.). SEE DETAIL 5 / AC500.

SOIL EROSION AND SEDIMENT CONTROL LEGEND

SYMBOL	DESCRIPTION
SF	SILT FENCE
xx xx	CONSTRUCTION FENCE
	DROP-IN INLET PROTECTION
	TURF REINFORCEMENT ROLLED EROSION CONTROL BLANKET

S.E.D. Control No. 66-04-03-03-0-004-019

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

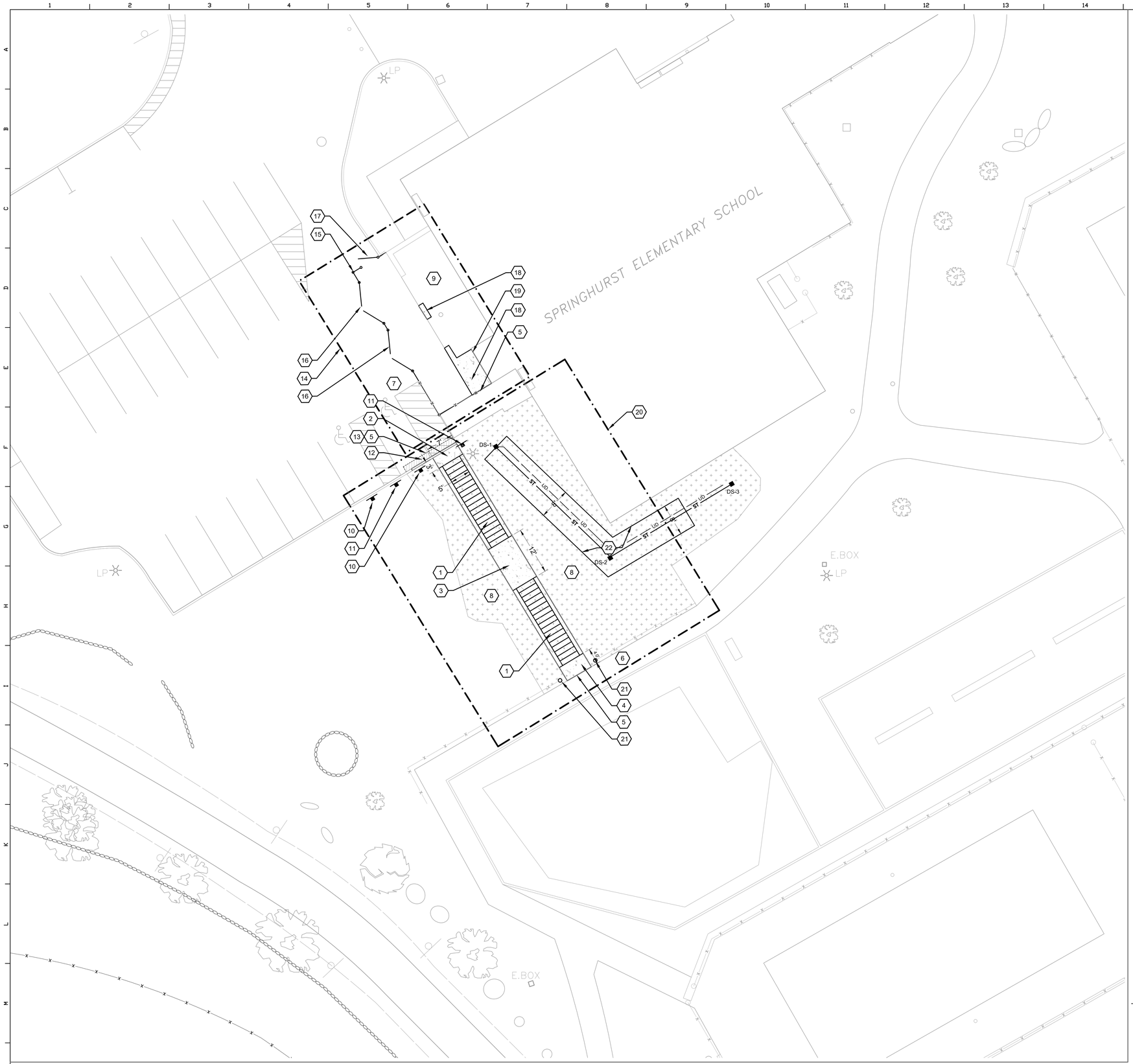
TETRA TECH
ARCHITECTS & ENGINEERS

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Springhurst Elementary School

Site Soil Erosion and Sediment Control Plan

Drawn by:	Date:	Drawing No.:
J.L.P.	12/01/2023	AC110
234903-23001		



I Site Layout Plan
1" = 10'

SCALE: 1" = 10'

Site Layout Keynotes

1 ALTERNATE No. SES-03: 6'-FT WIDE CONCRETE STAIRS, 16-IN TREADS WITH 6-IN RISERS WITH STAINLESS STEEL RAILINGS. SEE DETAILS 1 AND 2 / AC500.

2 ALTERNATE No. SES-03: 3-FT X 7-FT CONCRETE LANDING. SEE DETAILS 3 AND 4 / AC500.

3 ALTERNATE No. SES-03: 12-FT X 7-FT CONCRETE LANDING. SEE DETAILS 3 AND 4 / AC500.

4 ALTERNATE No. SES-03: 4-FT X 7-FT CONCRETE LANDING. SEE DETAILS 3 AND 4 / AC500.

5 ALTERNATE No. SES-03: SMOOTH TRANSITION FROM PROPOSED SURFACE TO ADJACENT EXISTING SURFACE, (TYP.).

6 ALTERNATE No. SES-03: EXISTING ASPHALT SIDEWALK TO REMAIN, PROTECT.

7 ALTERNATE No. SES-03: EXISTING ASPHALT PAVEMENT TO REMAIN, PROTECT.

8 ALTERNATE No. SES-03: SEEDED AREA - 6-IN OF AMENDED TOPSOIL, FINE GRADE, SEED, FETILIZE AND MULCH. LEAVE NEAT SMOOTH EDGE (TYP.)

9 ALTERNATE No. SES-03: EXISTING CONCRETE PAVEMENT TO REMAIN, PROTECT.

10 ALTERNATE No. SES-03: "ACCESSIBLE PARKING" SIGN AND POST IN LAWN. SEE DETAILS 14 AND 15 / AC500.

11 ALTERNATE No. SES-03: "NO PARKING" SIGN AND POST IN LAWN. SEE DETAILS 14 AND 15 / AC500.

12 ALTERNATE No. SES-03: AUTO DUTY ASPHALT PAVING. SEE DETAIL 16 / AC500.

13 ALTERNATE No. SES-03: ASPHALT PAVING AT EXISTING ASPHALT. SEE DETAIL 17 / AC500.

14 ALTERNATE No. SES-02: LIMIT OF WORK.

15 ALTERNATE No. SES-02: 8-FT TALL BLACK VINYL CLAD CHAIN LINK FENCE WITH PRIVACY SLATS. SEE DETAIL 11 / AC500.

16 ALTERNATE No. SES-02: 8-FT TALL BLACK VINYL CLAD CHAIN LINK FENCE WITH PRIVACY SLATS. TWO 12-FT WIDE DOUBLE SWING GATES. SEE DETAIL 13 / AC500.

17 ALTERNATE No. SES-02: 8-FT TALL BLACK VINYL CLAD CHAIN LINK FENCE WITH PRIVACY SLATS. 5-FT WIDE SINGLE SWING GATE. SEE DETAIL 12 / AC500.

18 ALTERNATE No. SES-02: CONCRETE SURFACE LEVEL WITH SURROUNDING SURFACE. SEE DETAIL 3 AND 4 / AC500.

19 ALTERNATE No. SES-02: SEE ARCHITECTURAL DRAWINGS FOR REPAIR OF BUILDING BRICK WORK IN AREA OF DEMOLISHED WALL. SEE DETAIL 1 / AC501.

20 ALTERNATE No. SES-03: LIMIT OF WORK.

21 PROVIDE AND INSTALL 4-FT TALL BLACK VINYL CLAD CHAIN LINK FENCE POSTS AT NEW OPENING WITHIN EXISTING 4-FT TALL CHAIN LINK FENCE. SEE DETAIL 11 / AC500.

22 REINSTALL SALVAGED RIP-RAP SURFACE AND PROVIDE AND INSTALL ADDITIONAL RIP-RAP SURFACE FOR REMAINING AREA.

General Site Notes

1. REFER TO DRAWING AC100 FOR GENERAL SITE NOTES THAT APPLY TO ALL AC-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.
7. ALL DISTURBED AREAS TO RECEIVE 6-IN TOPSOIL AND SEED UNLESS OTHERWISE NOTED.

Site Layout Legend

	CONCRETE PAVING
	ASPHALT PAVING -AUTO DUTY
	LAWN AREA
CC	CONCRETE CURB

S.E.D. Control No. 66-04-03-03-0-004-019

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

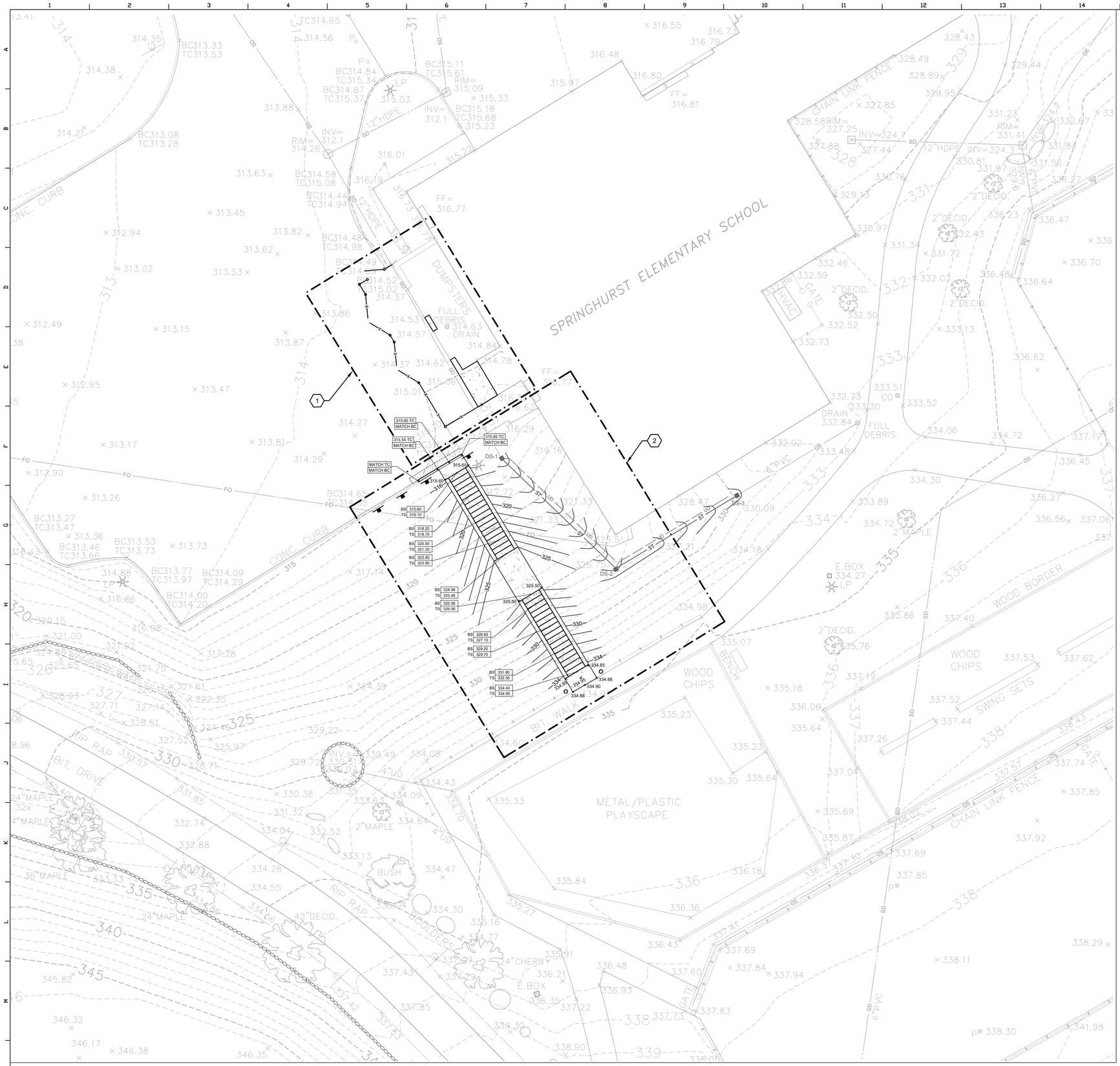
TETRA TECH
ARCHITECTS & ENGINEERS

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Springhurst Elementary School

Site Layout Plan

Drawn by:	Date:	Drawing No.:
J.L.P.	12/01/2023	AC120
234903-23001		



Site Grading Keynotes

1 ALTERNATE No. SES-02: LIMIT OF WORK.

2 ALTERNATE No. SES-03: LIMIT OF WORK.

General Site Notes

1. REFER TO DRAWING AC100 FOR GENERAL SITE NOTES THAT APPLY TO ALL AC-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.
14. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME.

GRADING KEY	
TC	TOP OF CURB
BC	BOTTOM OF CURB
+	SPOT ELEVATION
HP	HIGH POINT
MATCH	MATCH EXISTING GRADE
TS	TOP OF STEP
BS	BOTTOM OF STEP

ADA Site Notes

1. THE MAXIMUM SLOPE OF ACCESSIBLE PARKING STALLS AND ASSOCIATED ACCESS AISLE SHALL BE 2% (1V:50H).
2. THE MAXIMUM SLOPE IN THE DIRECTION OF TRAVEL ON ACCESSIBLE PATHS SHALL BE 5% (1V:20H).
3. THE MAXIMUM CROSS SLOPE ON ACCESSIBLE PATHS SHALL BE 2% (1V:50H).
4. THE MAXIMUM SLOPE IN THE DIRECTION OF TRAVEL ON ACCESSIBLE RAMPS AND CURB RAMPS SHALL BE 8.33% (1V:12H), AS INDICATED ON THE DETAILS.
5. GROUND SURFACES ON ACCESSIBLE PATHS SHALL BE STABLE, FIRM, AND SLIP RESISTANT.

S.E.D. Control No. 66-04-03-03-0-004-019

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Springhurst Elementary School

Site Grading Plan

Drawn by:	Date:	Drawing No.:
J.L.P.	12/01/2023	AC130
234903-23001		

1 Site Grading Plan
1" = 10'

0 5' 10' 20'
SCALE: 1" = 10'



1 Site Grading Plan
1" = 10'

Site Utility and Drainage Keynotes

1 EXISTING UTILITY TO REMAIN, PROTECT.

2 ALTERNATE No. SES-03: 4-IN CONDUIT FOR FUTURE UTILITIES.

3 EXISTING FIBER OPTIC LINE TO PASS THROUGH NEW STAIRS STRUCTURE.

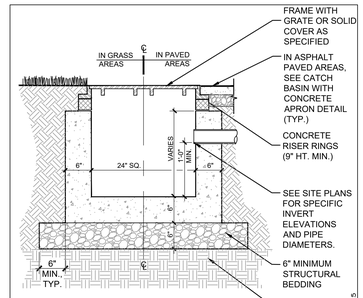
4 ALTERNATE No. SES-02: LIMIT OF WORK.

5 ALTERNATE No. SES-03: LIMIT OF WORK.

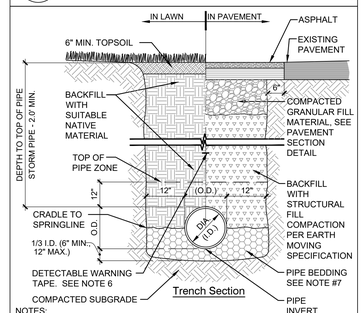
6 PROVIDE PRECAST CONCRETE 24-IN BY 24-IN CATCH BASIN (DS #'S 1, 2 AND 3). SEE DETAIL 2 / AC140.

7 NEW 12-INCH HDPE STORM PIPING. SEE DETAIL 3 / AC140.

8 NEW 4-INCH UNDERDRAIN. SEE DETAIL 4 / AC140.

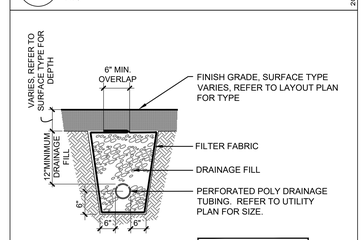


2 Catch Basin - 24" X 24"
NTS



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.

3 Pipe Trench
NTS



NOTE:
SEE PROJECT MANUAL FOR INFORMATION ON FILL TYPES.

4 Porous Underdrain
N.T.S. SECTION

0 5' 10' 20'
SCALE: 1:10_XREF

General Site Notes

1. REFER TO DRAWING AC100 FOR GENERAL SITE NOTES THAT APPLY TO ALL AC-SERIES DRAWINGS.

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-FTJAPART(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 Legend

UE ELECTRIC CONDUIT

S.E.D. Control No. 66-04-03-03-0-004-019

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

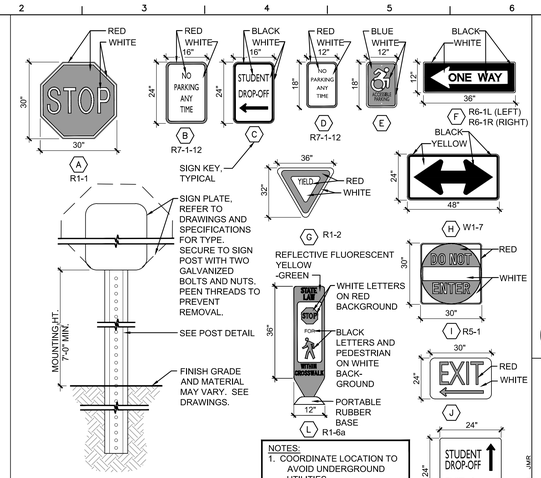
Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Springhurst Elementary School

Site Utility Plan

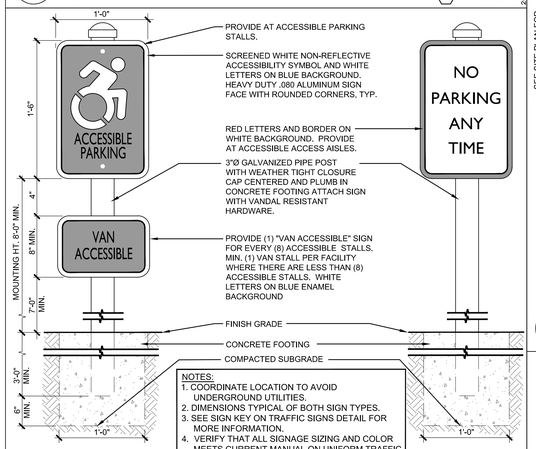
Drawn by:	Date:	Drawing No.:
J.L.P.	12/01/2023	AC140

234903-23001



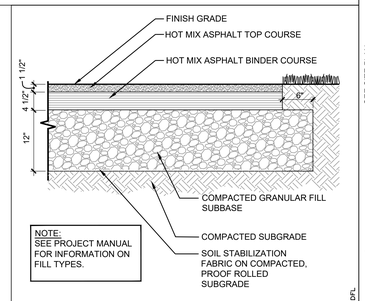
NOTES:
1. COORDINATE LOCATION TO AVOID UNDERGROUND UTILITIES.
2. MOUNTING DIMENSIONS TYPICAL FOR SIGNS

14 Traffic Signs
NTS



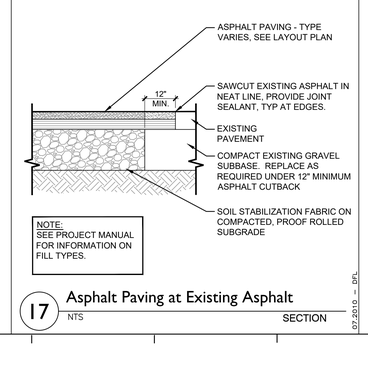
NOTES:
1. COORDINATE LOCATION TO AVOID UNDERGROUND UTILITIES.
2. DIMENSIONS TYPICAL OF BOTH SIGN TYPES.
3. SEE SIGN KEY ON TRAFFIC SIGNS DETAIL FOR MORE INFORMATION.
4. VERIFY THAT ALL SIGNAGE SIZING AND COLOR MEETS CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) REGULATIONS.

15 Accessible and No Parking Signs With Pipe Post in Pavement
N.T.S



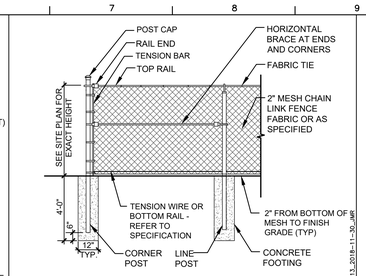
NOTE:
SEE PROJECT MANUAL FOR INFORMATION ON FILL TYPES.

16 Asphalt Paving - Heavy Duty
NTS SECTION



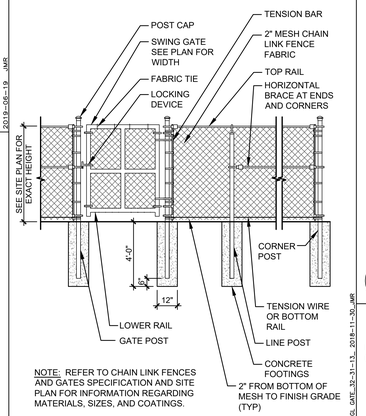
NOTE:
SEE PROJECT MANUAL FOR INFORMATION ON FILL TYPES.

17 Asphalt Paving at Existing Asphalt
NTS SECTION



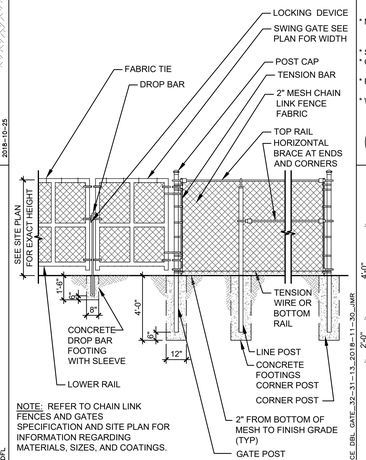
NOTE: REFER TO CHAIN LINK FENCES AND GATES SPECIFICATION AND SITE PLAN FOR INFORMATION REGARDING MATERIALS AND COATINGS.

11 Chain Link Fence
NTS



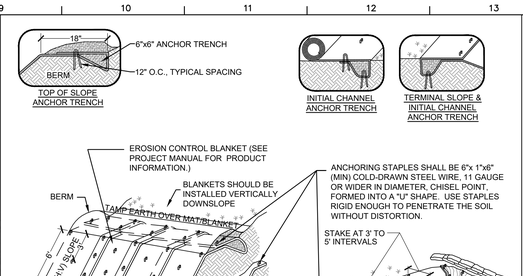
NOTE: REFER TO CHAIN LINK FENCES AND GATES SPECIFICATION AND SITE PLAN FOR INFORMATION REGARDING MATERIALS, SIZES, AND COATINGS.

12 Chain Link Fence with Single Gate
NTS

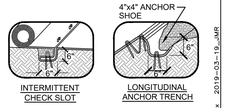


NOTE: REFER TO CHAIN LINK FENCES AND GATES SPECIFICATION AND SITE PLAN FOR INFORMATION REGARDING MATERIALS, SIZES, AND COATINGS.

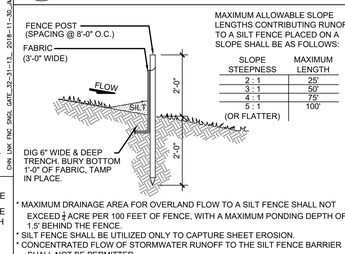
13 Chain Link Fence with Double Gates
NTS



NOTES:
1. SLOPE SURFACE SHALL BE FREE OF ROCKS, CLODS, STICKS AND GRASS. BLANKETS SHALL HAVE GOOD SOIL CONTACT.
2. LAY BLANKETS LOOSELY AND STAPLE TO MAINTAIN DIRECT CONTACT WITH THE SOIL. DO NOT STRETCH.
3. FOR JUTE MESH APPLICATION, BIODEGRADABLE ANCHOR STAKES PER MANUFACTURER'S RECOMMENDATIONS MAY BE SUBSTITUTED FOR STAPLES.
4. CONSTRUCT CHECK SLOTS PER MANUFACTURER'S RECOMMENDATIONS.
5. STAPLING LAYOUT AS SHOWN, OR PER MANUFACTURER'S RECOMMENDATIONS.
6. INSTALL BLANKETS PER MANUFACTURER'S RECOMMENDATIONS.



5 Rolled Erosion Control Blanket - Typical
NTS (FOR GEOTEXTILE & BIODEGRADABLE APPLICATIONS)



MAXIMUM ALLOWABLE SLOPE LENGTHS CONTRIBUTING RUNOFF TO A SILT FENCE PLACED ON A SLOPE SHALL BE AS FOLLOWS:

SLOPE STEEPNESS	MAXIMUM LENGTH
2 : 1	25'
3 : 1	50'
4 : 1	75'
5 : 1 (OR FLATTER)	100'

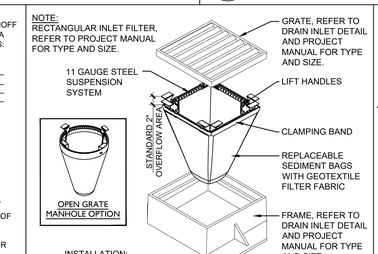
* MAXIMUM DRAINAGE AREA FOR OVERLAND FLOW TO A SILT FENCE SHALL NOT EXCEED ½ ACRE PER 100 FEET OF FENCE, WITH A MAXIMUM PONDING DEPTH OF 1.5' BEHIND THE FENCE.
* SILT FENCE SHALL BE UTILIZED ONLY TO CAPTURE SHEET EROSION.
* CONCENTRATED FLOW OF STORMWATER RUNOFF TO THE SILT FENCE BARRIER SHALL NOT BE PERMITTED
* PLACE SILT FENCE AS CLOSE TO DISTURBANCE AREAS AS POSSIBLE, BUT AT LEAST 10' FROM TOE OF SLOPE AREAS TO ALLOW FOR MAINTENANCE.
* WHERE ENDS OF FILTER CLOTH ADJOIN EACH OTHER, OVERLAP 6", FOLD AND STAPLE ENDS TO PREVENT SEDIMENT BYPASS FROM OCCURRING.

8 Silt Fence - Standard
NTS

9 Temporary Construction Fence
NTS

NOTES:
1. PLACE TREE GUARD AT DRIP LINE OF TREE (END OF BRANCHES). MINIMUM 4' FROM EDGE OF TRUNK.
2. MEDIUM/LARGE TREES – CONSTRUCT AS POLYGON AROUND DRIP LINE.
3. SMALL TREES – CONSTRUCT AS SQUARE AROUND DRIP LINE, OR MINIMUM OF 4' FROM EDGE OF TRUNK, WHICHEVER IS GREATER.
4. GROUPS OF TWO OR MORE TREES, PLANT BEDS AND WOODED EDGES – CONSTRUCT AS A CONTINUOUS POLYGON AROUND COLLECTIVE DRIP LINE.

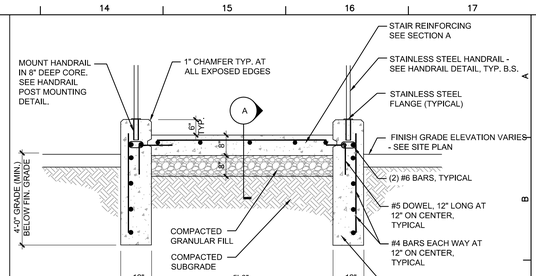
7 Vegetation Protection
N.T.S.



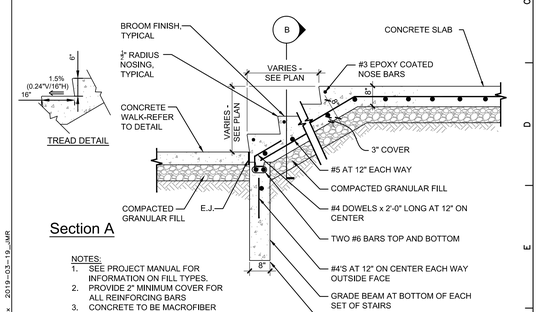
NOTE:
RECTANGULAR INLET FILTER, REFER TO PROJECT MANUAL FOR TYPE AND SIZE.

INSTALLATION:
1. REMOVE GRATE
2. DROP INLET FILTER ONTO LOAD BEARING LIP OF CASTING OR CONCRETE STRUCTURE
3. REPLACE GRATE

6 Drop Inlet Protection - Drop In Filter
NTS



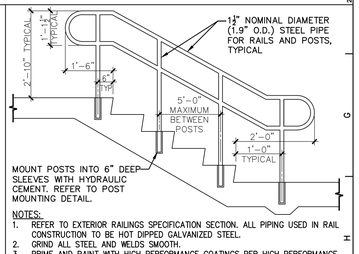
Section B



Section A

NOTES:
1. SEE PROJECT MANUAL FOR INFORMATION ON FILL TYPES.
2. PROVIDE 2" MINIMUM COVER FOR ALL REINFORCING BARS.
3. CONCRETE TO BE MACROFIBER REINFORCED. SEE PROJECT MANUAL.

1 Concrete Stair
NTS

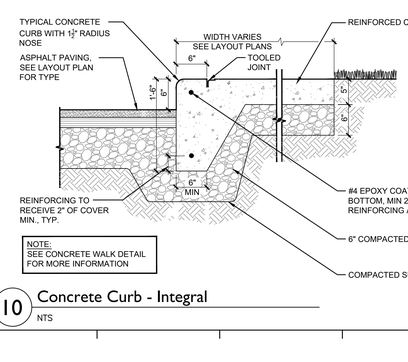


NOTES:
1. REFER TO EXTERIOR RAILINGS SPECIFICATION SECTION. ALL PIPING USED IN RAIL CONSTRUCTION TO BE HOT DIPPED GALVANIZED STEEL.
2. GRIND ALL STEEL AND WELDS SMOOTH.
3. PRIME AND PAINT WITH HIGH PERFORMANCE COATINGS PER HIGH PERFORMANCE COATINGS SPECIFICATIONS SECTION. PAINT TO BE APPLIED TO ALL EXTERIOR RAIL SURFACES, INCLUDING MOUNTING SECTION. COLOR TO BE SELECTED BY ARCHITECT.
4. CORE DRILLING FOR RAILS IN LIEU OF SLEEVES IS NOT ALLOWED.

2 Stair Handrail - Steel
N.T.S.

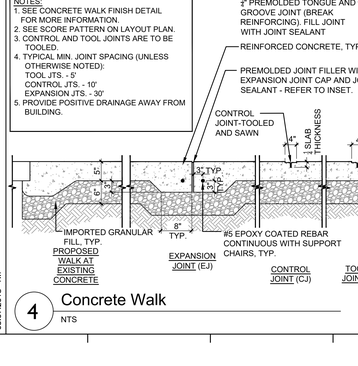
NOTE:
SEE CONCRETE WALK DETAIL FOR ADDITIONAL INFORMATION

3 Concrete Finish
NTS



NOTE:
SEE CONCRETE WALK DETAIL FOR MORE INFORMATION

10 Concrete Curb - Integral
NTS



4 Concrete Walk
NTS

S.E.D. Control No. 66-04-03-03-0-004-019

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Springhurst Elementary School

Site Details

Drawn by:	Date:	Drawing No.:
J.L.P.	12/01/2023	AC500

234903-23001



General Notes - Applies to all Drawings

A. DO NOT SCALE DRAWINGS TO OBTAIN DIMENSIONS.

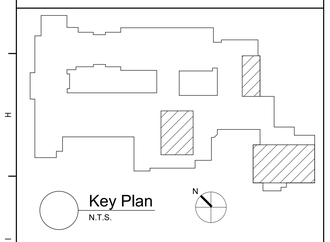
B. TAKE FIELD MEASUREMENTS TO FIT THE WORK PROPERLY. VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD.

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.



S.E.D. Control No. 66-04-03-03-0-004-019

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

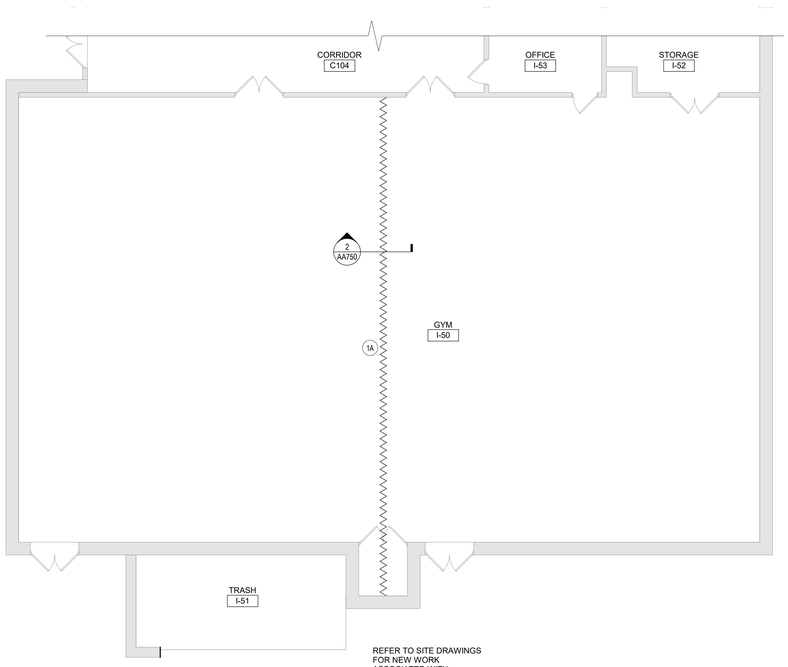
Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Springhurst Elementary School

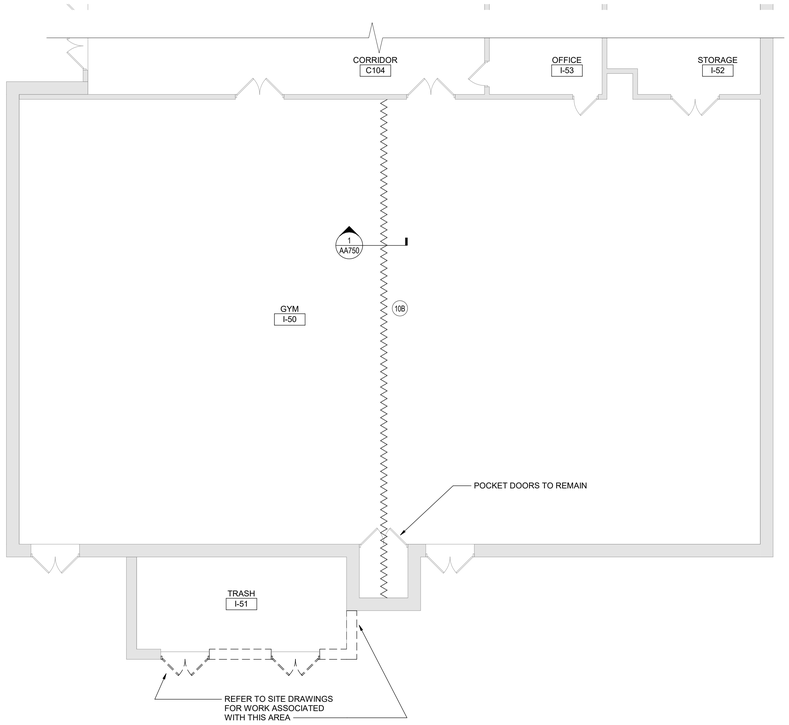
First and Second Floor Key Plans

Drawn By:	Date:	Drawing Number:
m. reilly	12/1/2023	AA050

Project No.: 234903-23001



4 First Floor Plan
1/8" = 1'-0"



1 First Floor Demolition Plan
1/8" = 1'-0"

Demolition Key Notes

9A REMOVE CEILING SYSTEM AND/OR SOFFIT SYSTEM IN ITS ENTIRETY.

9C.x REMOVE FLOOR FINISH, MASTIC AND WALL BASE TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. AT ALL AREAS OF FLOOR REMOVAL, LEVEL SLAB WITH ADJACENT SLABS AT LOCATIONS SCHEDULED TO RECEIVE FLOOR FINISH. INCLUDE CONCRETE FLOOR PATCHING AND LEVELING MATERIALS TO MAKE SURFACE LEVEL. PREPARE FOR FINISH. PATCH AREAS OF WALLS TO REMAIN THAT WERE DAMAGED BY REMOVAL OF WALL BASE.

SUFFIX KEY (FLOOR FINISH IDENTIFICATIONS):
I. VAT/VCT.

10A REMOVE OPERABLE PARTITION SYSTEM, ASSOCIATED SOFFIT CONSTRUCTION UP TO HORIZONTAL WOOD TRIM, ASSOCIATED VERTICAL JAMB TRIM, PARTITION ENCLOSURE DOORS AND ALL OTHER ASSOCIATED COMPONENTS IN THEIR ENTIRETY. REFER TO KEYED DETAIL.

10B REMOVE OPERABLE PARTITION SYSTEM, VERTICAL JAMB TRIM AND ALL ASSOCIATED COMPONENTS IN THEIR ENTIRETY. OPERABLE PARTITION POCKET DOORS TO REMAIN. REFER TO KEYED DETAIL.

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.

E. COORDINATE ALL REMOVALS WITH ABATEMENT DRAWINGS.

General Plan Notes

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

Keyed Plan Notes

1A PROVIDE WALK-DRAW DIVIDER SYSTEM AND SOFFIT.

1B PROVIDE GYMNASIUM DIVIDER. MODIFY SOFFIT AS REQUIRED

General Ceiling Notes

A. LIGHTING AND OTHER CEILING-MOUNTED FIXTURES ARE SHOWN FOR DRAWING CLARITY. COORDINATE ALL CEILING WORK PRIOR TO INSTALLATION OF CEILING GRID.

B. CEILING HEIGHT IS 8'-0" ABOVE FINISHED FLOOR (UNO).

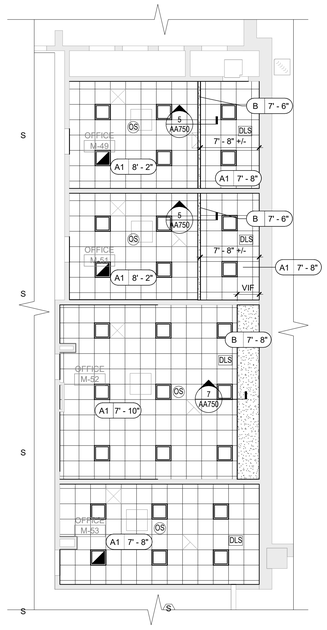
C. CENTER CEILING-MOUNTED ITEMS (LIGHTS, GRILLES, DETECTORS, SPRINKLER HEAD, ETC) WITHIN THE CEILING PANELS AND GRIDS UNLESS THE PANELS ARE SCORED. CENTER TEMS WITHIN THE PATTERN OF SCORED PANELS.

D. PATCH CEILING SYSTEMS TO REMAIN THAT HAVE BEEN DISTURBED BY SCHEDULED WORK TO MATCH ADJACENT CONSTRUCTION PRIOR TO PAINTING.

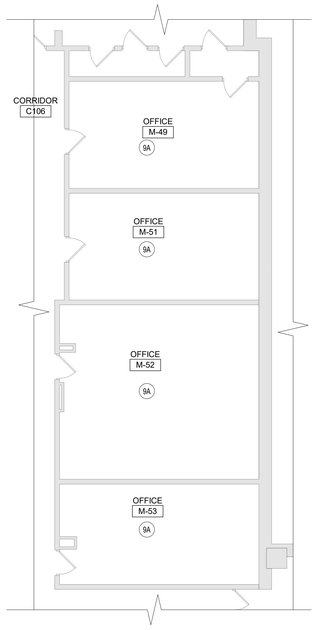
E. (X) 9'-0" DESIGNATES BOTTOM OF CEILING ABOVE FINISHED FLOOR AT THAT POINT UNO. DESIGNATION "ME" INDICATES MATCH EXISTING CEILING HEIGHT.

Ceiling Types

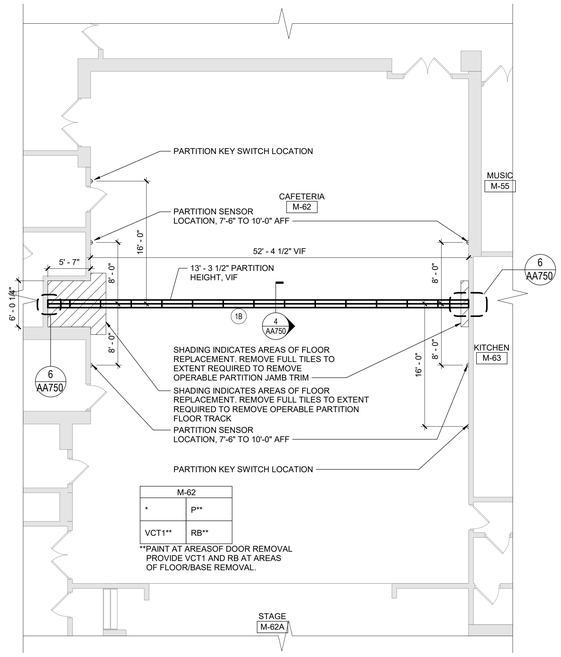
A1 X'-X" ACOUSTIC PANEL CEILING



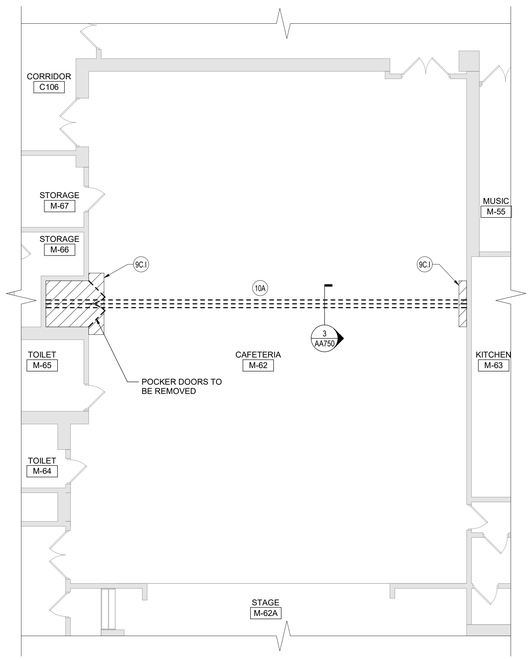
6 First Floor Reflected Ceiling Plan
1/8" = 1'-0"



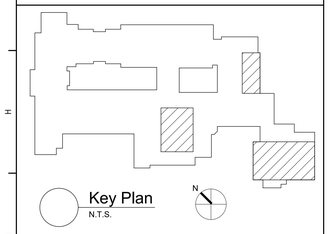
3 First Floor Demolition Plan
1/8" = 1'-0"



5 First Floor Plan
1/8" = 1'-0" WORK BY ALTERNATE SES-01



2 First Floor Demolition Plan
1/8" = 1'-0" WORK BY ALTERNATE SES-01



S.E.D. Control No. 66-04-03-03-0-004-019

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Springhurst Elementary School

First Floor Demolition, Floor and Reflected Ceiling Plans

Drawn By:	Date:	Drawing Number:
m. reilly	12/1/2023	AA100

Project No.:
234903-23001

NON-GLARE SURFACE:

*TYPICAL FOR ENTIRE SIGN

TACTILE CHARACTERS:

*RAISED 1/32" MINIMUM
*FULL CAPS
*SAN SERIF TYPE STYLE
*CHARACTERS MUST CONTRAST WITH BACKGROUND

! CAUTION !

ELECTRICALLY-POWERED PARTITION

ONLY APPROPRIATELY TRAINED PERSONNEL MAY OPERATE PARTITION
ANY STUDENT PRESENT WHILE PARTITION IS BEING OPERATED SHALL BE UNDER THE DIRECT SUPERVISION OF TRAINED STAFF
CONTROL STATIONS MUST BE ATTENDED BY OPERATORS ANY TIME THE PARTITION IS IN MOTION

OPERATORS MUST BE STATIONED ON OPPOSITE SIDES OF THE OPENING OR CLOSING PARTITION

6"

1' - 0"

NOTE:

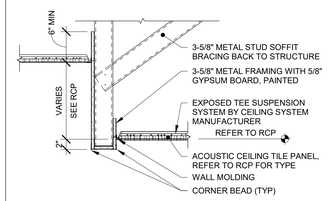
PROVIDE SIGNAGE AT EACH OPERATING MECHANISM ON BOTH SIDES OF THE SEPARATION

TYPE 2 - Typical Electrical Partition Guidelines

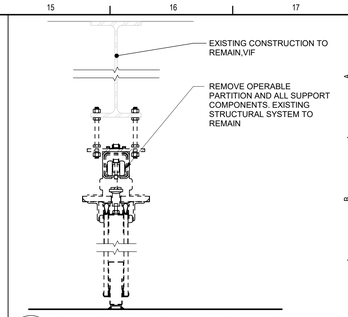
NOTE:

PROVIDE COMPARABLE SIGNS FOR ANY ELECTRICALLY OPERATED ROOM DIVIDER, CURTAIN, BLEACHER OR SIMILAR DEVICE

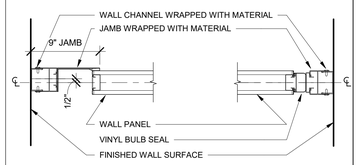
8 Typical Electrical Partition Guidelines
12" = 1'-0"



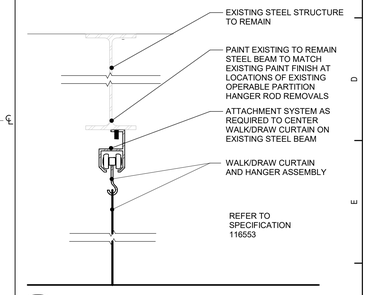
5 Soffit Detail
1" = 1'-0"



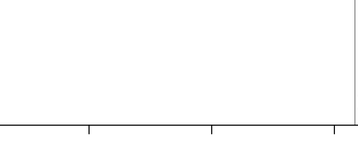
1 Gym Operable Partition Demo Section
1 1/2" = 1'-0"



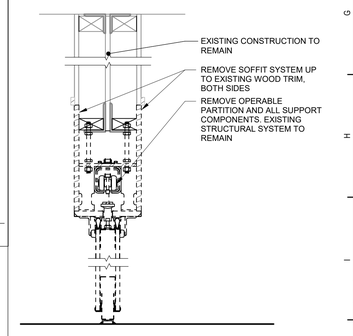
6 Cafeteria Operable Panel Partition Jambs
1 1/2" = 1'-0"



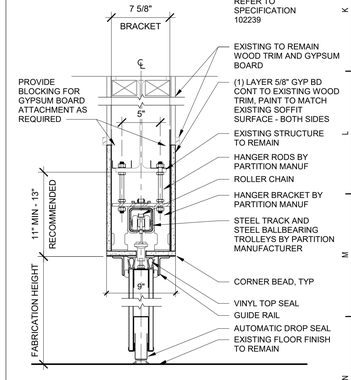
2 Gym Walk-Draw Divider System Section
1 1/2" = 1'-0"



7 Soffit Detail
1" = 1'-0"



3 Cafeteria Operable Panel Partition Demo Section
1 1/2" = 1'-0"
WORK BY ALTERNATE SES-01



4 Cafeteria Operable Panel Partition Section
1 1/2" = 1'-0"
WORK BY ALTERNATE SES-01

S.E.D. Control No. 66-04-03-03-0-004-019

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

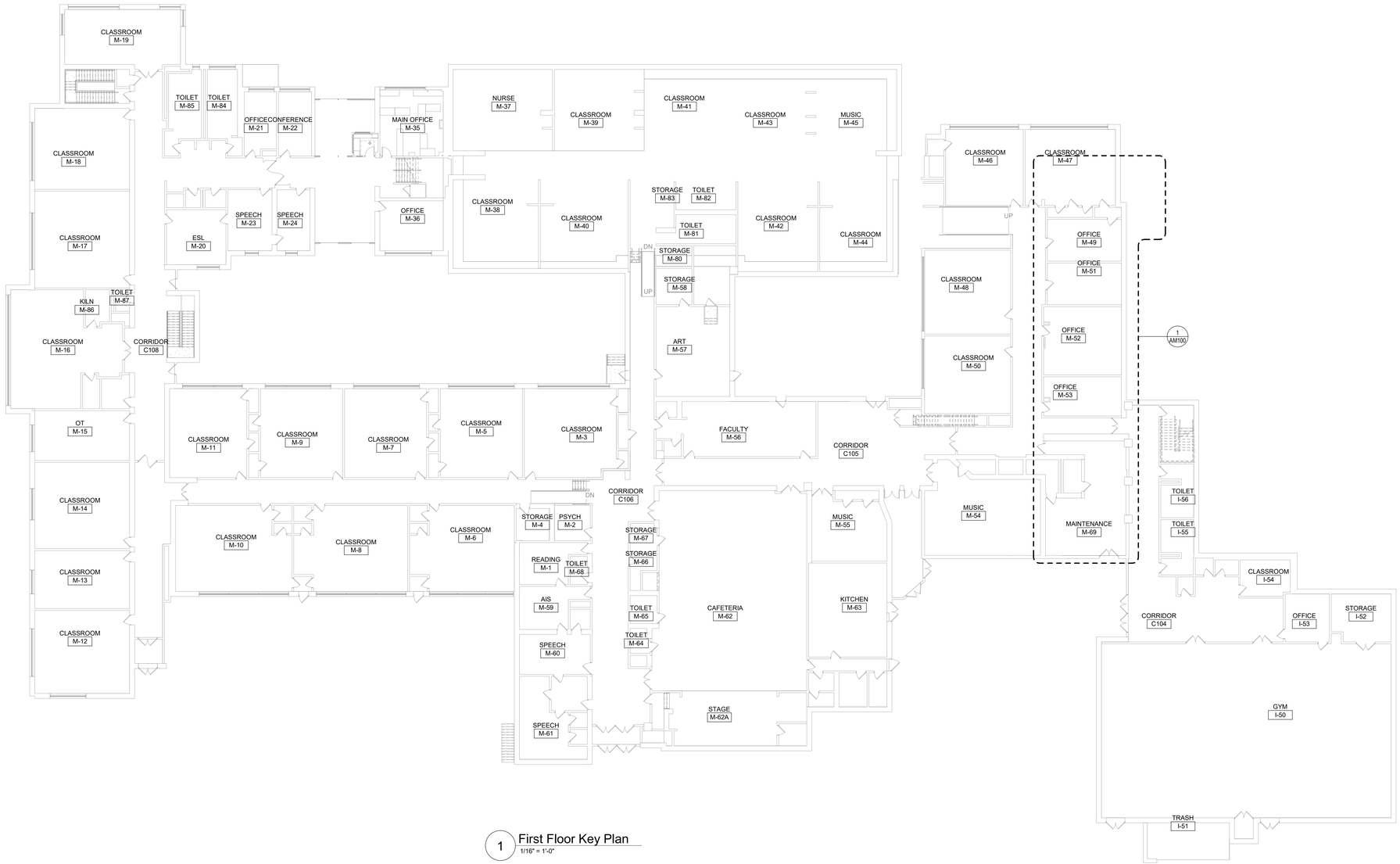
Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Springhurst Elementary School

Miscellaneous Details

Drawn By:	Date:	Drawing Number:
m. reilly	12/1/2023	AA750

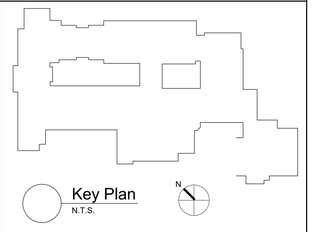
Project No.:
234903-23001



1 First Floor Key Plan
1/16" = 1'-0"

General Notes

A. THE FOLLOWING GENERAL NOTES APPLY TO ALL "AM" SERIES DRAWINGS.
B. REFER TO ALL CONTRACT DOCUMENTS, DRAWINGS AND SPECIFICATIONS, FOR DETAILED STANDARDS AND REQUIREMENTS.
C. REPORT UNSAFE OR UNSATISFACTORY CONDITIONS IN WRITING TO ARCHITECT AND RESOLVE ISSUES BEFORE PROCEEDING.
D. WORK INCLUDES ALL LABOR AND MATERIALS REQUIRED TO PROVIDE COMPLETE WORKING SYSTEMS.
E. COORDINATE PHASING REQUIREMENTS AT JOB MEETINGS AND ON WORK SCHEDULES.
F. DO NOT SCALE DRAWINGS. PIPING AND DUCTWORK ARE SHOWN DIAGRAMMATICALLY; IT IS NOT POSSIBLE TO SHOW EVERY TRANSITION, FITTING, ASPECT RATIO CHANGE, ETC.; PROVIDE AS REQUIRED TO FIT WITHIN STRUCTURAL CONSTRAINTS. EXAMINE CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED AND VERIFY ALL ACCESS, LOCATIONS, DIMENSIONS, ARRANGEMENTS, ELECTRICAL CHARACTERISTICS AND INTERFERENCE IN THE FIELD PRIOR TO BID.
G. VERIFY EXTENT OF CEILING WORK SHOWN ELSEWHERE IN THE CONTRACT DOCUMENTS. PROVIDE FOR ADDITIONAL CEILING SYSTEM REMOVAL, PROTECTION, AND REINSTALLATION AS REQUIRED FOR CONTRACT WORK.
H. DEMOLITION DRAWINGS SHOW THE GENERAL SCOPE OF ITEMS AND SYSTEMS TO BE REMOVED. IT IS NOT THE INTENT TO SHOW ALL ITEMS TO BE REMOVED. FIELD VERIFY AND REMOVE ALL ASSOCIATED ITEMS BACK TO POINT OF CONTINUED SERVICE, UNLESS OTHERWISE NOTED. VERIFY WHAT ALL EQUIPMENT SERVES PRIOR TO REMOVAL.
I. GIVE ALL REMOVED EQUIPMENT TO THE OWNER. DELIVER ON SITE WHERE DESIGNATED BY THE OWNER. PROMPTLY REMOVE FROM THE SITE AND LEGALLY DISPOSE OF ANY SUCH ITEMS DECLINED BY OWNER.
J. IF UNANTICIPATED MECHANICAL, ELECTRICAL, OR STRUCTURAL CONFLICTS ARE ENCOUNTERED, INVESTIGATE AND REPORT BOTH NATURE AND EXTENT OF THE CONFLICT. RE-ROUTE WORK AS REQUIRED.
K. CUT, DRILL, OR OTHERWISE CREATE OPENINGS AS NEATLY AS POSSIBLE, AS REQUIRED FOR THE INDICATED CONTRACT WORK. PROVIDE SUPPORT AS REQUIRED FOR AND USE METHODS LEAST LIKELY TO DAMAGE ELEMENTS TO REMAIN. PRIOR TO WORK, VERIFY LOCATIONS OF ALL STRUCTURAL MEMBERS INCLUDING CROSS BRACING, ELECTRICAL WIRING, PLUMBING, ETC. PROMPTLY NOTIFY ARCHITECT OF ANY CONFLICTS. DO NOT CUT ANY STRUCTURAL MEMBERS OR OTHER SERVICES UNTIL SPECIFICALLY DIRECTED TO DO SO. PENDING RECEIPT OF DIRECTIVE, REARRANGE SCHEDULE AS NECESSARY TO CONTINUE OVERALL JOB PROGRESS WITHOUT DELAY.
L. PATCH ALL DISTURBANCES RESULTING FROM DEMOLITION OR NEW WORK TO MATCH SURROUNDING SURFACES. PATCH FOLLOWING DEMOLITION, AND AGAIN FOLLOWING WORK, WHERE HOLES REMAIN FROM REMOVALS, INFILL AND PATCH TO MATCH UNLESS HOLE IS TO BE REUSED.
M. PROTECT ALL CONTRACT EQUIPMENT, ELEMENTS TO REMAIN, OWNER'S BELONGINGS, AND EQUIPMENT TO BE REUSED OR RETAINED BY OWNER DURING ALL CONTRACT WORK. AT NO ADDITIONAL COST TO OWNER, REPAIR OR REPLACE ITEMS WHICH ARE DAMAGED.
N. THOROUGHLY CLEAN FOLLOWING DEMOLITION AND BEFORE BEGINNING CONTRACT INSTALLATIONS. THOROUGHLY CLEAN AGAIN DURING AND FOLLOWING CONTRACT WORK AS REQUIRED. LEAVE ALL WORK AREAS CLEANER THAN FOUND. LEGALLY DISPOSE OF ALL CONSTRUCTION DEBRIS.
O. PROVIDE TEMPORARY PIPING, DUCT, HEAT, WEATHERPROOFING, ETC. TO SERVICES TO REMAIN UNTIL PERMANENT INSTALLATIONS CAN BE MADE.
P. ALL EXCESS MATERIALS AND SCRAPS ARE CONTRACTOR'S PROPERTY. PROMPTLY REMOVE FROM SITE UNLESS SPECIFICALLY DIRECTED OTHERWISE.
Q. EXISTING HVAC COMPONENTS IN THIS BUILDING MAY CONTAIN, BE IN PROXIMITY TO, OR, WORK ON THEM MAY CAUSE DISTURBANCE OF ASBESTOS CONTAINING OR OTHER HAZARDOUS MATERIALS. REFER TO ABATEMENT SERIES DRAWINGS AND SPECIFICATIONS COMPLETE FOR ADDITIONAL INFORMATION. PROVIDE FOR RE-INSULATION AS SPECIFIED FOR ALL EXISTING TO REMAIN HVAC COMPONENTS WHERE INSULATION IS REMOVED AS A PART OF ABATEMENT WORK.
R. SEAL ALL FLOOR, WALL AND CEILING PENETRATIONS PER FIRERESISTANCE RATINGS NOTED ON CODE COMPLIANCE DRAWINGS, BUT NOT LESS THAN 1-HOUR, AND IN ACCORDANCE WITH SECTION 07 84 13 -PENETRATION FIRESTOPPING. THIS INCLUDES ALL NEW PENETRATIONS AND EXISTING UNFIRESTOPPED PENETRATIONS CREATED BY REMOVALS, AS REQUIRED TO PERFORM THE WORK.



S.E.D. Control No. 66-04-03-03-0-004-019

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

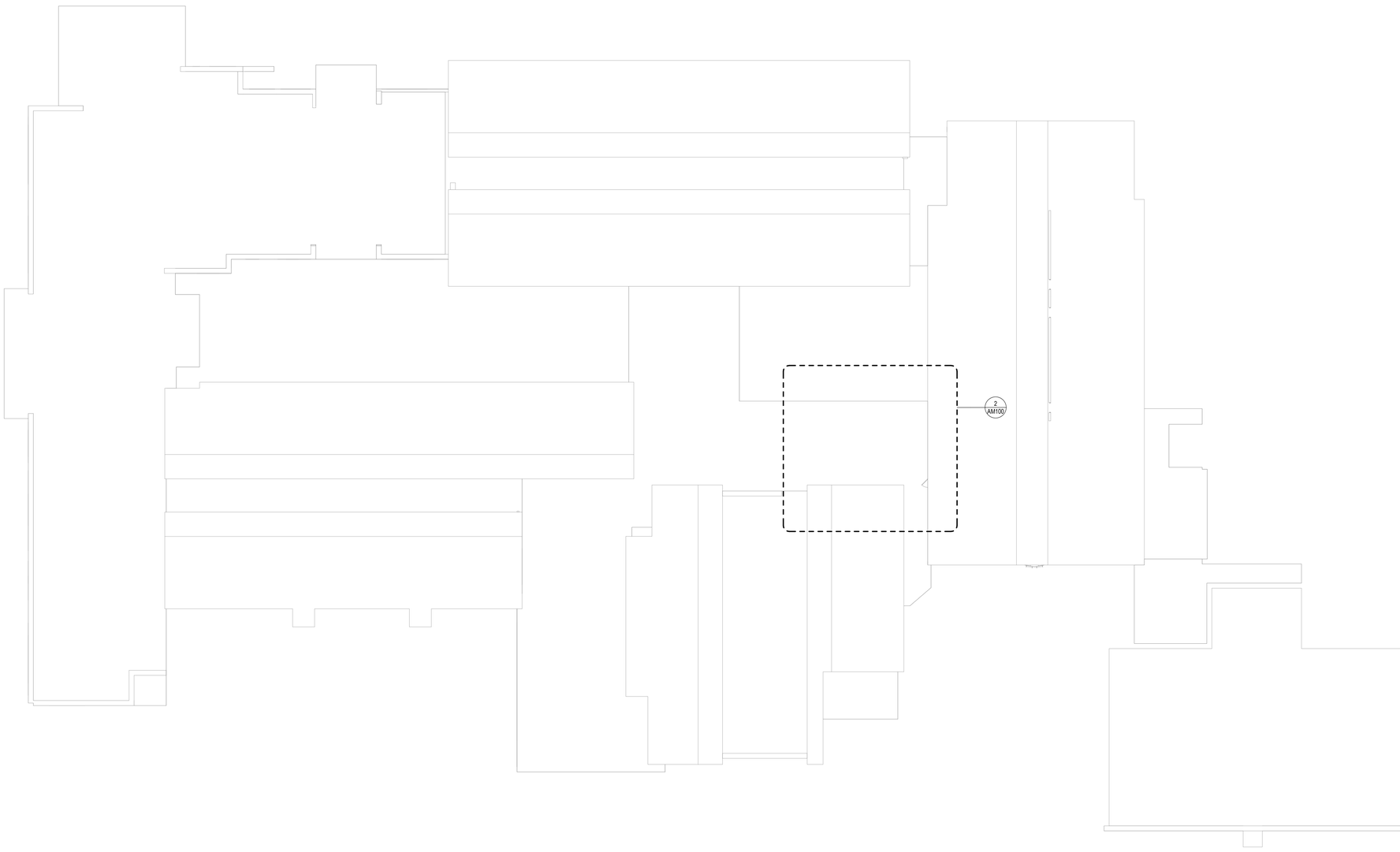
Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Springhurst Elementary School

First Floor Key Plan

Drawn By:	Date:	Drawing Number:
DPM/jtk	12/1/2023	AM050

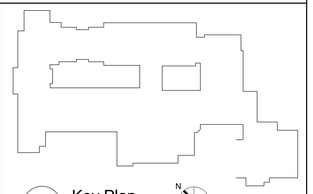
Project No.: 234903-23001



1 Roof Key Plan
1/16" = 1'-0"

General Notes

A. REFER TO AM050 FOR GENERAL NOTES



Key Plan
N.T.S.

N

S.E.D. Control No. 66-04-03-03-0-004-019

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

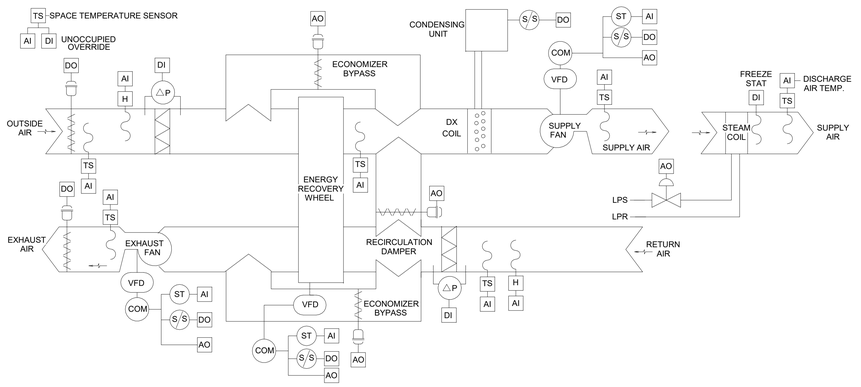
Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Springhurst Elementary School

Roof Key Plan

Drawn By:	Date:	Drawing Number:
DPM/jtk	12/1/2023	AM051

Project No.:
234903-23001

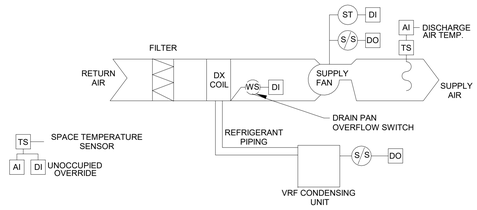


AIR HANDLING UNIT WITH ENERGY RECOVERY WHEEL, DX COOLING, & STEAM REHEAT

PROVIDE NEW CONTROLS AS REQUIRED FOR SEQUENCE DESCRIBED.

1. UNOCCUPIED AND WARMUP MODE:
   A. UNIT SHALL BE OFF.
2. OCCUPIED MODE:
   A. RUN THE SUPPLY AND EXHAUST FANS CONTINUOUSLY.
   B. THE HEAT RECOVERY WHEEL WILL OPERATE ANY TIME THE UNIT IS IN OPERATION UNLESS THE UNIT IS IN ECONOMIZER MODE.
   C. MODULATE THE OUTSIDE AIR DAMPERS TO MAINTAIN THE REQUIRED FLOW RATE OF OUTSIDE AIR TO THE SPACE.
   D. WHEN THE SPACE TEMPERATURE IS BELOW THE SPACE TEMPERATURE HEATING SETPOINT OF 70 DEG. F (ADJUSTABLE), MODULATE THE STEAM HEATING CONTROL VALVE TO MAINTAIN A DISCHARGE AIR TEMPERATURE OF 1 DEG. F BELOW SPACE TEMPERATURE SETPOINT.
   E. WHEN THE SPACE TEMPERATURE IS ABOVE THE SPACE COOLING TEMPERATURE SETPOINT OF 75 DEG. F. (ADJUSTABLE), CYCLE THE CONDENSING UNIT WITH THE HEATING VALVE FULLY CLOSED TO MAINTAIN DISCHARGE AIR TEMPERATURE OF 1 DEG. F ABOVE SPACE TEMPERATURE SETPOINT.
   F. WHEN THE RETURN AIR HUMIDITY IS ABOVE 60% (ADJUSTABLE) AND THE UNIT IS IN COOLING MODE, PROVIDE SUBCOOLING OF THE AIR AS NEEDED TO REDUCE RETURN AIR HUMIDITY TO 50%. MODULATE THE STEAM REHEAT CONTROL VALVE TO PROVIDE A DISCHARGE AIR TEMPERATURE EQUAL TO SPACE TEMPERATURE SETPOINT.
   G. DEPENDING ON TOTAL HEAT (ENTHALPY) OF THE OUTSIDE AIR, THERE WILL BE TIMES WHEN THE SPACE MAY BENEFIT FROM FREE COOLING. THE ENERGY MANAGEMENT SYSTEM SHALL CALCULATE WHEN FREE COOLING WOULD BE BENEFICIAL AND OPERATE THE AIR HANDLING UNIT TO PROVIDE THIS. FREE COOLING MODE OF OPERATION IS THE SUPPLY AND EXHAUST AIR FANS ARE IN OPERATION, HEAT RECOVERY WHEEL STOPPED AND THE HEAT WHEEL BYPASS DAMPERS ARE 100% OPEN.
3. PRE-OCCUPANCY PURGE:
   A. PRIOR TO OCCUPANCY, PROVIDE A 30-MINUTE PREOCCUPANCY PURGE CYCLE WITH THE OUTSIDE AIR AND EXHAUST AIR DAMPERS FULLY OPEN, ENERGY WHEEL OFF, AND BYPASS DAMPERS OPEN. MODULATE THE STEAM HEATING CONTROL VALVE TO MAINTAIN A DISCHARGE AIR TEMPERATURE OF 1 DEG. F BELOW SPACE TEMPERATURE.
4. POST OCCUPANCY PURGE:
   A. RUN THE UNIT WITH THE OUTSIDE AIR AND EXHAUST AIR DAMPERS FULLY OPEN AFTER THE OCCUPIED MODE FOR A DURATION OF 30-MINUTES PRIOR TO SHUTTING DOWN. MODULATE THE STEAM HEATING CONTROL VALVE TO MAINTAIN A DISCHARGE AIR TEMPERATURE OF 1 DEG. F BELOW SPACE TEMPERATURE.
5. SAFETIES:
   A. MONITOR DATA FROM VSDs TO SENSE THE STATUS OF THE FANS AND RECOVERY WHEEL. WHEN FREQUENCY / AMPS RATIO IS OUT OF NORMAL RANGE, GENERATE AN ALARM AT THE OWS
   B. PROVIDE FILTER DIFFERENTIAL PRESSURE SWITCHES ACROSS ALL FILTER BANKS; ALARM THE OWS WHEN THE FILTERS EXCEED THEIR DIFFERENTIAL PRESSURE LIMIT.
   C. A SEPARATE LOW LIMIT FREEZE STAT WITH AUTOMATIC RESET SHALL BE INSTALLED WITH THE SENSING ELEMENT SERPENTINED ACROSS THE FACE OF THE COIL, WHENEVER COIL FREEZE-UP CONDITIONS ARISE (36 DEG. F ADJUSTABLE) THE SUPPLY FAN SHALL STOP, THE OUTSIDE AIR DAMPER SHALL CLOSE 100%, AND THE CONTROL VALVE SHALL OPEN 100%. AN ALARM SHALL BE ACTIVATED.

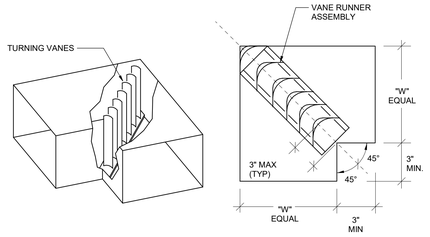
5 ERV - 100% OA - Energy Recovery Wheel - DX w/ Steam Reheat
NTS



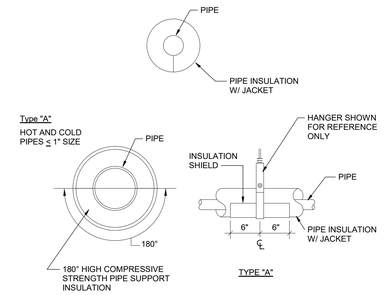
FAN COIL UNIT - VRF HEATING & COOLING - SEQUENCE OF OPERATIONS:

1. OCCUPIED MODE:
   A. THE SUPPLY FAN SHALL RUN CONTINUOUSLY.
   B. WHEN THE SPACE TEMPERATURE IS AT OR BELOW THE HEATING SETPOINT, THE RESPECTIVE CONDENSING UNIT SHALL BE CYCLED TO MAINTAIN SPACE TEMPERATURE SETPOINT OF 70 DEG. F. USE 5 DEG. F (ADJUSTABLE) DEADBAND BETWEEN HEATING AND COOLING SETPOINTS.
   C. WHEN THE SPACE TEMPERATURE IS ABOVE THE COOLING SETPOINT, THE RESPECTIVE CONDENSING UNIT SHALL BE CYCLED TO MAINTAIN SPACE TEMPERATURE.
2. UNOCCUPIED MODE:
   A. THE SUPPLY FAN SHALL BE OFF.
   B. ON DROP IN SPACE TEMPERATURE BELOW THE UNOCCUPIED HEATING SETPOINT, CYCLE THE FAN ON AND THE RESPECTIVE CONDENSING UNIT SHALL BE CYCLED TO MAINTAIN UNOCCUPIED SPACE TEMPERATURE SETPOINT.
   C. A TIMED LOCAL OVERRIDE CONTROL SHALL ALLOW AN OCCUPANT TO OVERRIDE THE SCHEDULE AND PLACE THE UNIT INTO OCCUPIED MODE FOR 1 HOUR (ADJUSTABLE). AT EXPIRATION OF THIS TIME, CONTROL OF THE UNIT SHALL AUTOMATICALLY RETURN TO THE SCHEDULE.
3. SAFETIES:
   A. WHERE DRAIN PAN OVERFLOW SWITCH IS PROVIDED, INTERLOCK WIRING SHALL DISABLE THE UNIT, WHEN THE OVERFLOW SWITCH IS TRIPPED. AN ALARM SHALL BE ACTIVATED.
   B. UPON FAILURE OF A FAN, AS SENSED BY THE CURRENT SENSING SWITCH, AN ALARM SHALL BE ACTIVATED.

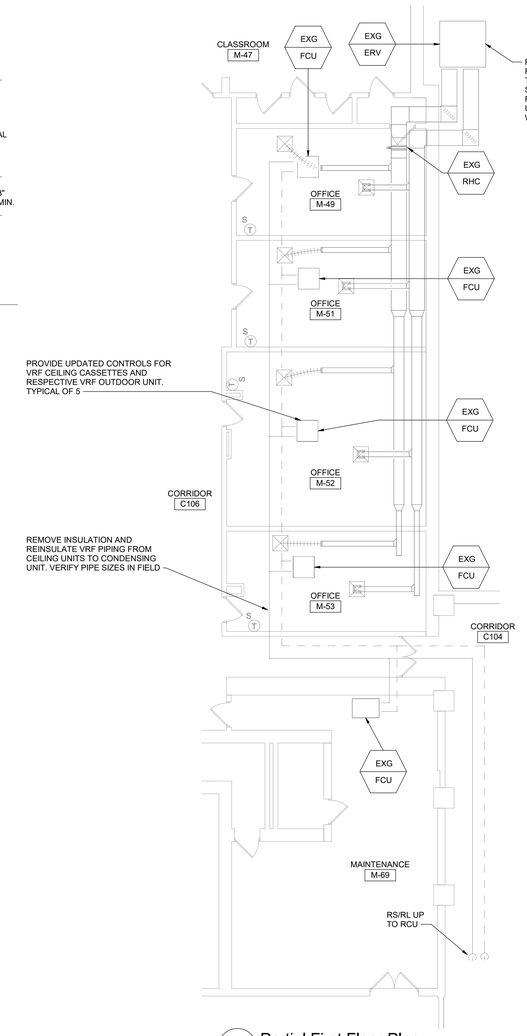
6 FCU - VRF Heating & Cooling
NTS



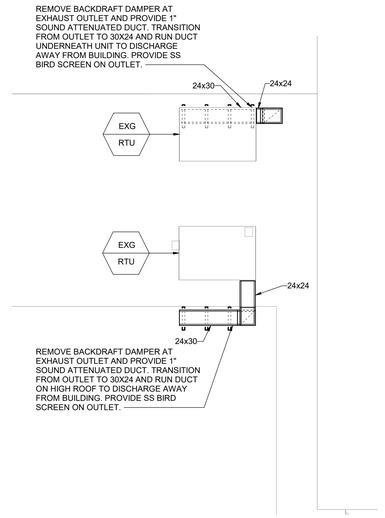
3 Duct Turning Vanes
NTS



4 Insulation Shield and Blocking Detail
NTS



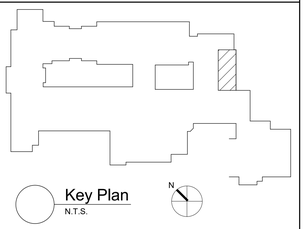
1 Partial First Floor Plan
1/8" = 1'-0"



2 Partial Roof Plan
1/8" = 1'-0"

TEMPERATURE CONTROLS SYMBOLS LIST

AI	ANALOG IN
AO	ANALOG OUT
COM	COMMUNICATIONS PORT
CS	AIRBORNE CONTAMINANT SENSOR
DI	DIGITAL IN
(	DAMPER MOTOR
DO	DIGITAL OUT
EMCS	ENERGY MANAGEMENT CONTROL SYSTEM
F	FLOW (WATER/AIR)
FM	FLOW METER
FS	AIR FLOW SENSOR
FZ	FREEZE STAT
H	HUMIDITY SENSOR
HL	HIGH LIMIT
KWH	KILOWATT HOUR METER
LL	LOW LIMIT
M/S	MANUAL SWITCH STOP / START
P	PRESSURE SENSOR
ΔP	DIFFERENTIAL PRESSURE
PS	POSITION SENSOR
S/S	STOP / START
SD	SMOKE DETECTOR
ST	STATUS
START	STARTER
T	ADJUSTABLE THERMOSTAT
TS	TEMPERATURE SENSOR
VFD	VARIABLE FREQUENCY DRIVE
WS	WATER SENSOR
%	PERCENT
ES	END SWITCH
BS	BOILER SWITCH



Key Plan
N.T.S.

S.E.D. Control No. 66-04-03-03-0-004-019

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

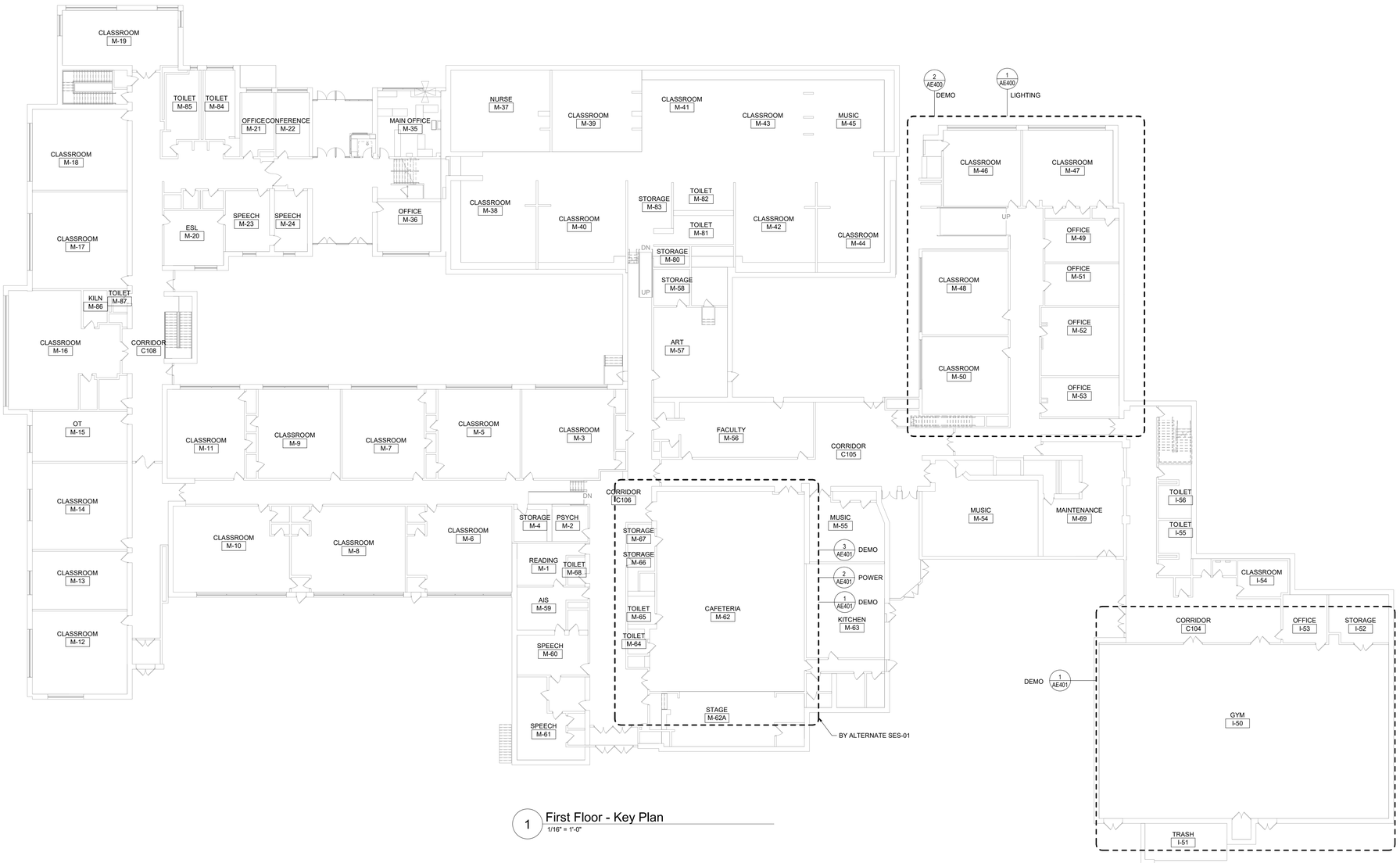
TETRA TECH
ARCHITECTS & ENGINEERS

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Springhurst Elementary School

First Floor and Roof Plans, Details, and Controls

Drawn By:	Date:	Drawing Number:
DPM/jtk	12/1/2023	AM100
Project No.: 234903-23001		



1 First Floor - Key Plan
1/16" = 1'-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. 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.

D. CIRCUIT WIRING FOR ALL LIGHTING CIRCUITS SHALL BE IN 1/2" EMT CONDUIT (MIN) OR TYPE MC CABLE CONCEALED ABOVE CEILINGS AND IN WALLS (REFER TO SPECIFICATION SECTION 26 05 33 FOR LOCATIONS WHERE MC CABLE IS ACCEPTABLE). ALL CIRCUIT CONDUCTORS SHALL BE #12AWG COPPER (MIN) 90°C THHN THERMOPLASTIC INSULATION.

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

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

G. INSTALL CHAIN-HUNG LIGHT FIXTURES AFTER ALL MECHANICAL AND PLUMBING EQUIPMENT, PIPING AND DUCTWORK HAVE BEEN INSTALLED.

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

1. SWITCHES AND PANIC STATIONS.....48" (TO TOP)
2. RECEPTACLES.....16"
3. COMPUTER RECEPTACLES.....16"
4. WALL (W) TELEPHONE AND/OR CALL SWITCHES...48" (TO TOP)
5. TELEPHONE OUTLETS (UNLABELED).....16"
6. VOLUME CONTROLS.....48" (TO TOP)
7. TELEVISION OUTLETS.....16"
8. FIRE ALARM PULL STATIONS.....48" (TO TOP)
9. FIRE ALARM AUDIO/VISUAL UNITS.....88"
   * (OR 6" BELOW CEILING, WHICHEVER IS LOWER)
10. POWER PANELS.....72" (TO HANDLE OF TOP BREAKER)
11. DISCONNECT SWITCHES.....60" (TO TOP)
12. MOTOR STARTERS.....60" (TO TOP)

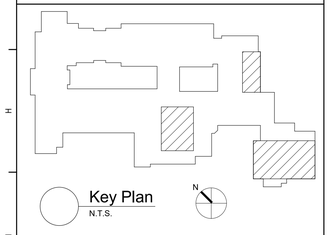
THE HEIGHTS INDICATED SHALL BE NOMINAL TO THE BOTTOM OF THE BOX UNLESS NOTED OTHERWISE. MAINTAIN HEIGHT CONSISTENCY BETWEEN NEW AND EXISTING DEVICES.

K. COORDINATE ALL ELECTRICAL WORK WITH OTHER TRADES.

L. WIRE EMERGENCY BATTERY PACKS TO UNSWITCHED LIGHTING CIRCUIT SUPPLYING SPACE SERVED BY EMERGENCY BATTERY PACK.

M. WIRE EXIT LIGHTS TO UNSWITCHED LEG OF LIGHTING CIRCUIT SUPPLYING SPACE SERVED BY EXIT.

N. 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.



Key Plan
N.T.S.

S.E.D. Control No. 66-04-03-03-0-004-019

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

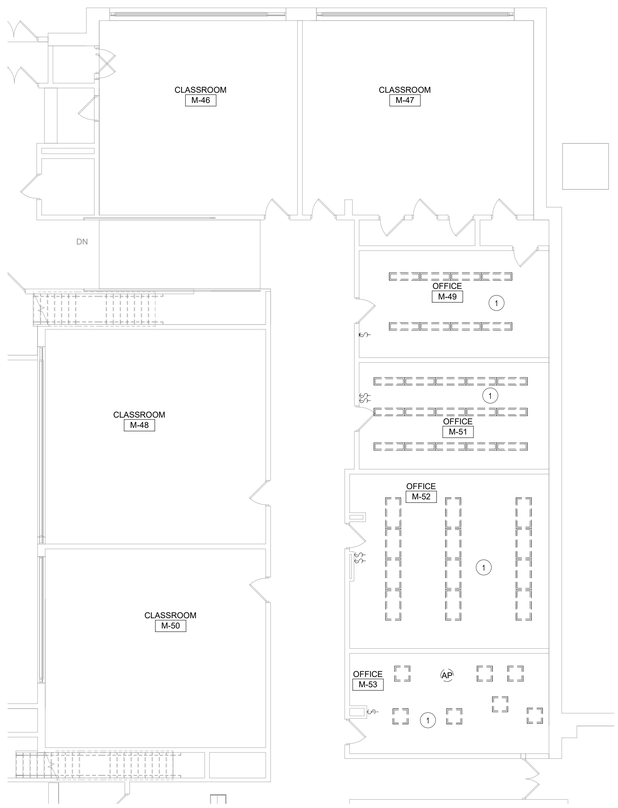
TETRA TECH
ARCHITECTS & ENGINEERS

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

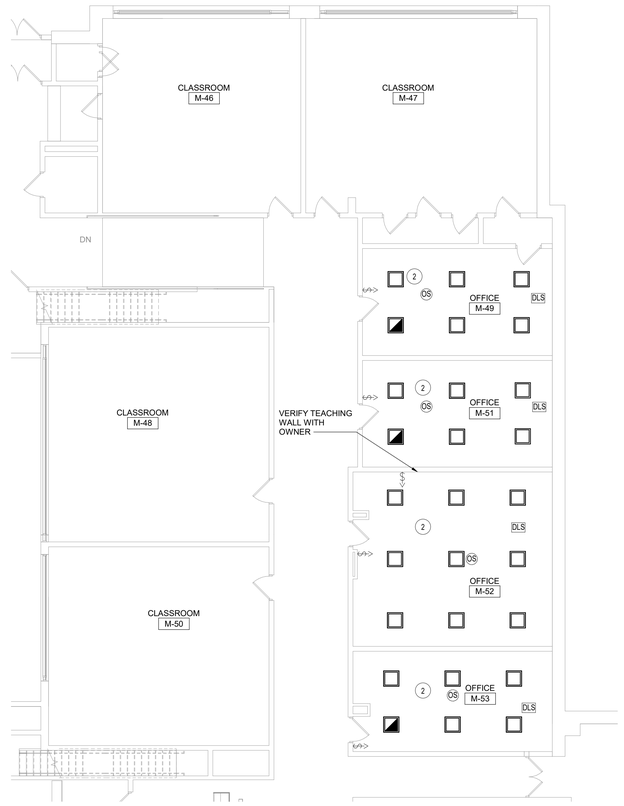
Reconstruction to:
Springhurst Elementary School

First Floor Key Plan

Drawn By:	Date:	Drawing Number:
CR/HM/ded	12/1/2023	AE051
Project No.: 234903-23001		



2 Partial First Floor - Demolition Plan
1/8" = 1'-0"



1 Partial First Floor - Lighting Plan
1/8" = 1'-0"

LUMINAIRE SCHEDULE

TYPE	SYMBOL	DESCRIPTION	LAMPS			MANUFACTURERS (OR EQUAL)	
			WATTAGE	LUMENS	TYPE	NAME	MODEL OR SERIES
1		2' x 2' FLAT PANEL (RECESSED IN GRID)	30	3393	LED	UTOPIA LIGHTING	ULP-2G-22-L30 (3500K)
1 EM		SAME AS TYPE 1 - WITH INTEGRAL BATTERY	30	3393	LED	UTOPIA LIGHTING	ULP-2G-22-L30 (3500K)

* MANUFACTURER AND MODEL NUMBER ARE PROVIDED TO SHOW BASIS OF DESIGN ONLY.

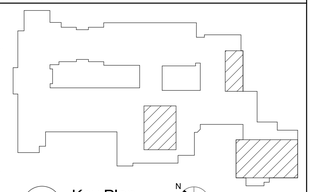
Keyed Notes:

1. REMOVE LUMINAIRES AND CONTROLS. PRESEVRE CIRCUIRTY FOR REUSE.
2. CONNECT LUMINAIRES TO PREVIOUSLY PRESERVED CIRCUITRY. EXTEND/MODIFY AS NECESSARY.

General Notes

A. REFER TO AE051 FOR GENERAL NOTES.

B. LIGHTING CONTROL SEQUENCES:
CLASSROOMS:
(2) ZONE, TEACHING WALL AND GENERAL CLASSROOM EACH OPERATED WITH A (4) BUTTON LOW VOLTAGE LIGHTING CONTROL. BUTTON CAPABLE OF ON/OFF, 50% AND 100% MAY BE MANUALLY ADJUSTED BY EACH LOW VOLTAGE LIGHTING CONTROL PER ZONE. IF LUMINAIRES ARE LEFT ON AND CLASSROOM IS UNOCCUPIED LUMINAIRES WILL TURN OFF WITHIN 15 MINUTES. ONCE ROOM BECOMES OCCUPIED AGAIN LUMINAIRES WILL TURN ON TO LAST LEVEL OR LAST LEVEL SELECTED. DAYLIGHT RESPONSIVE CONTROL WILL DIM ROW OF LUMINAIRES CLOSET TO WINDOW TO PRESET SET POINT OF ROOM TO MAINTAIN UNIFORMITY OF ILLUMINATION.
OFFICES/OT/PT:
PERSON ENTERS THE ROOM AND LUMINAIRES TURN ON TO 50% OUTPUT BY OCCUPANCY SENSOR. WHEN PERSON EXITS THE ROOM THE OCCUPANCY SENSOR WILL TURN OFF THE LUMINAIRES AFTER 15 MINUTES. LOW VOLTAGE LIGHTING CONTROL. BUTTON CAPABLE OF ON/OFF, 50% AND 100% MAYBE BE MANUALLY ADJUSTED BY BUTTON.



Key Plan
N.T.S.

S.E.D. Control No. 66-04-03-03-0-004-019

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

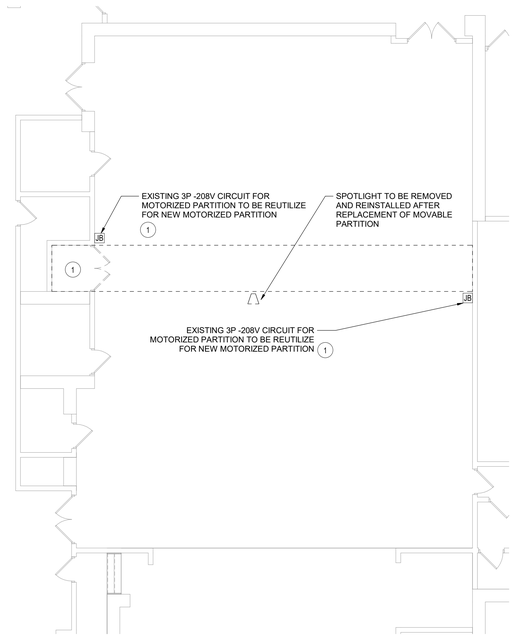
Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Springhurst Elementary School

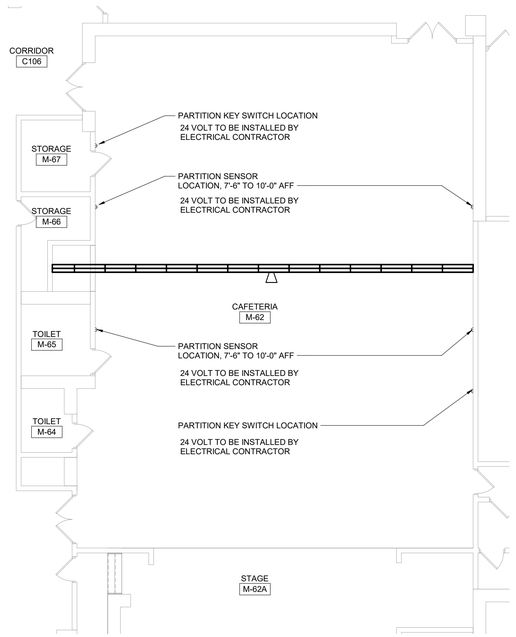
Partial First Floor Demolition, Lighting, Power and Communcaiton Plans

Drawn By:	Date:	Drawing Number:
CR/HM/ded	12/1/2023	AE400

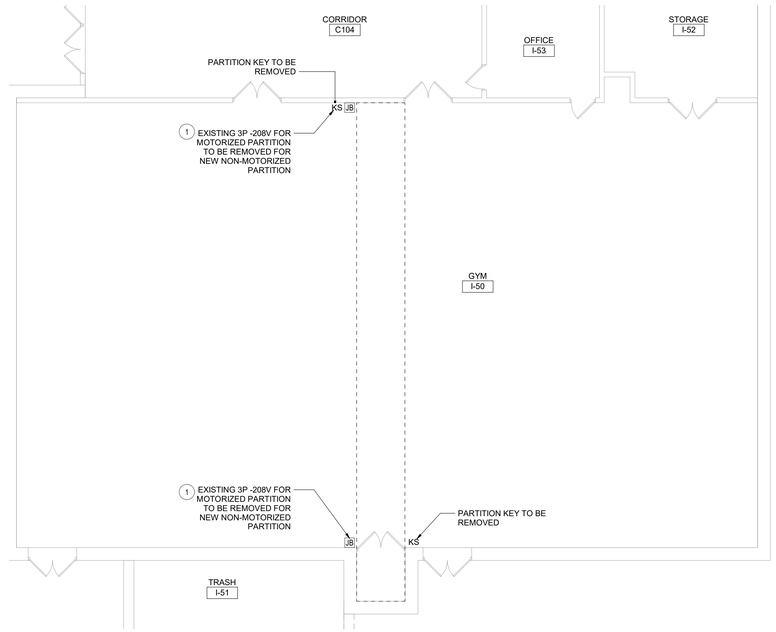
Project No.:
234903-23001



3 Partial First Floor Demolition Plan - Cafe
1/8" = 1'-0"



2 Partial First Floor Plan - Cafe
1/8" = 1'-0"



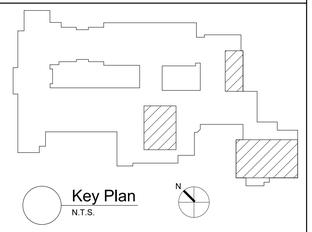
1 Partial First Floor - Demolition Plan - Gym
1/8" = 1'-0"

Keyed Notes:

1. REMOVE AND DISCONNECT ALL ELECTRICAL CABINETS AND CONTROL EQUIPMENT RELATED TO EXISTING ELECTRICAL MOVABLE PARTITION BEING REMOVED AND REPLACED.

General Notes

1. REFER TO AE051 FOR GENERAL NOTES



Key Plan
N.T.S.

S.E.D. Control No. 66-04-03-03-0-004-019

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

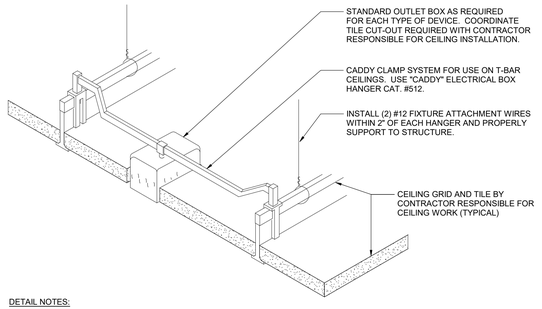
Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Springhurst Elementary School

Partial First Floor Demolition and Power Plans - By Alternate SES-01

Drawn By:	Date:	Drawing Number:
HM/CR/ded	12/1/2023	AE401

Project No.:
234903-23001

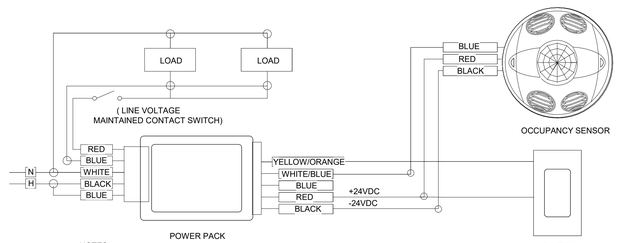


DETAIL NOTES:

A. IN AREAS RECEIVING NEW CEILINGS ALL CEILING MOUNTED ITEMS (DETECTORS, SPEAKERS, ETC) ARE TO BE CENTERED WITHIN THE PATTERN OF THE CEILING PANEL. A 2'X4' PANEL SCORED TO A 2'X2' PATTERN SHALL HAVE ITEMS CENTERED IN THE 2'x2' PORTION.

B. PROVIDE ADDITIONAL SUPPORT FOR EXIT SIGNS, WHERE REQUIRED.

4 Ceiling Mounting Device Detail
12" = 1'-0"



NOTES:

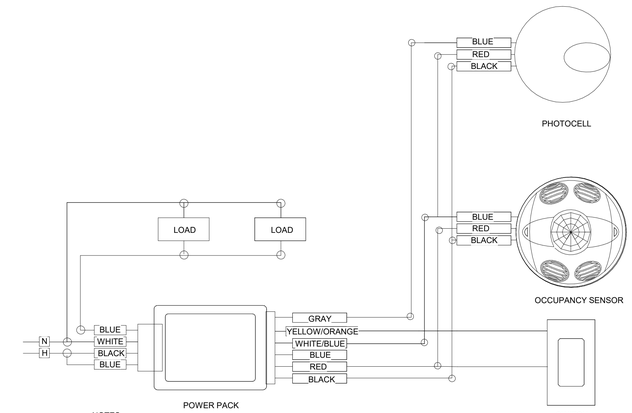
A. PAINT ALL SURFACE RACEWAY AND BOXES TO MATCH EXISTING SURFACES. (WHERE APPLICABLE).

B. PROVIDE RELAYS WHERE TWO OR MORE CIRCUITS FEED LIGHTING IN SAME ROOM.

C. ADJUST SENSITIVITY OF EACH OCCUPANCY SENSOR TO DETECT HUMAN MOVEMENT BUT NOT HVAC EQUIPMENT. ADJUST TIME DELAY FOR OPTIMUM PERFORMANCE. APPLY MASKING SEGMENTS TO DETECTION HEAD WHERE REQUIRED.

D. POWER PACK AND THE LOAD SWITCHED BY THE POWER PACK MUST BE FED FROM THE SAME PHASE.

1 Occupancy Sensor Wiring Diagram
12" = 1'-0"



NOTES:

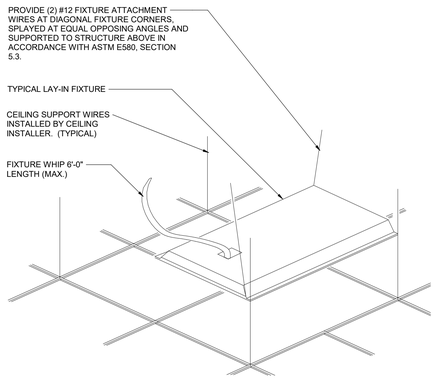
A. PAINT ALL SURFACE RACEWAY AND BOXES TO MATCH EXISTING SURFACES. (WHERE APPLICABLE).

B. PROVIDE RELAYS WHERE TWO OR MORE CIRCUITS FEED LIGHTING IN SAME ROOM.

C. ADJUST SENSITIVITY OF EACH OCCUPANCY SENSOR TO DETECT HUMAN MOVEMENT BUT NOT HVAC EQUIPMENT. ADJUST TIME DELAY FOR OPTIMUM PERFORMANCE. APPLY MASKING SEGMENTS TO DETECTION HEAD WHERE REQUIRED.

D. POWER PACK AND THE LOAD SWITCHED BY THE POWER PACK MUST BE FED FROM THE SAME PHASE.

2 Daylight Sensor Wiring Diagram
12" = 1'-0"



3 Typical Troffer Mounting Detail
12" = 1'-0"

S.E.D. Control No. 66-04-03-03-0-004-019

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

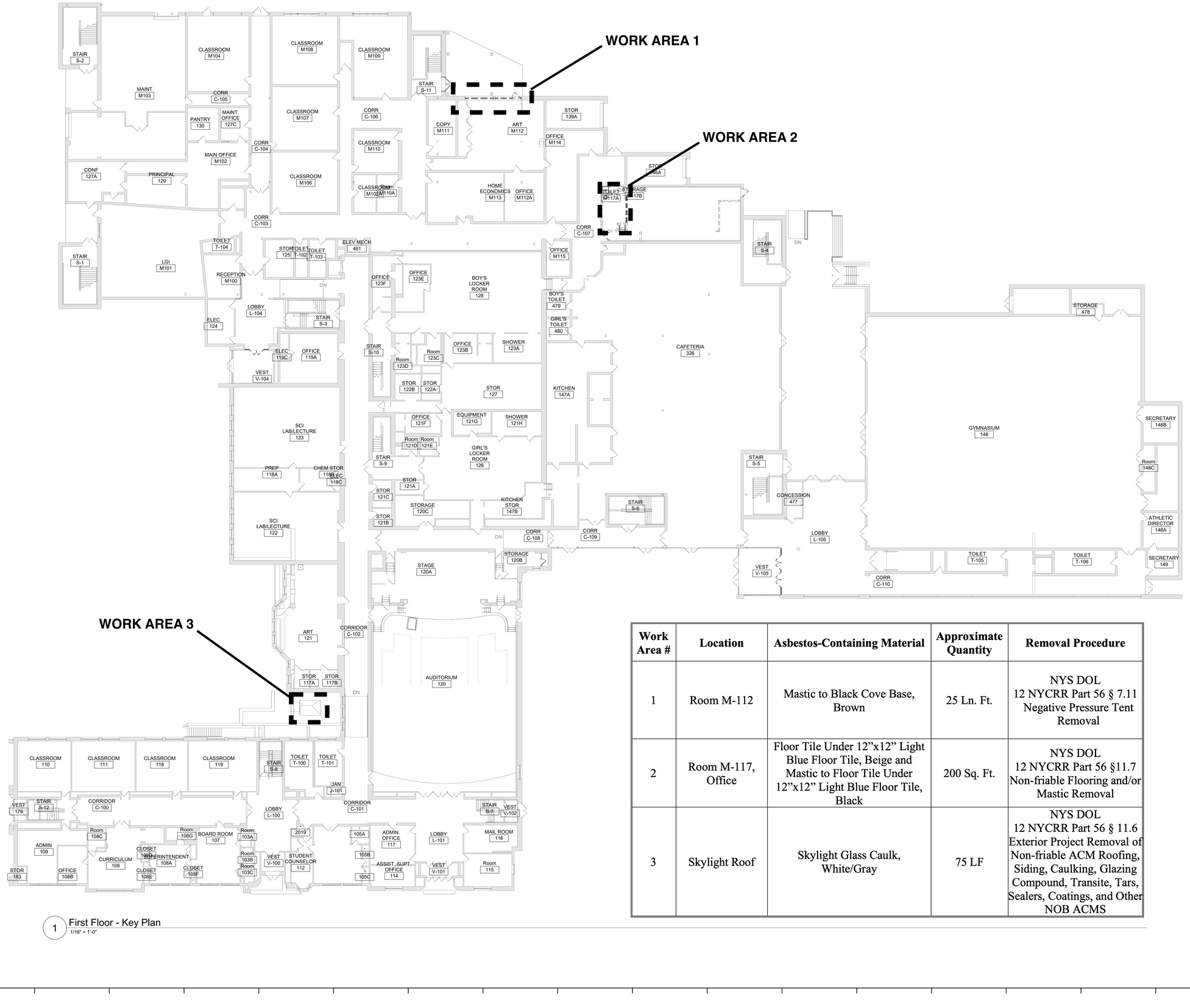
Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Springhurst Elementary School

Details

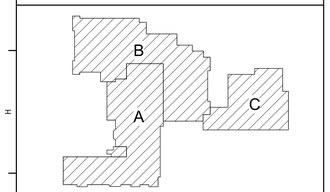
Drawn By:	Date:	Drawing Number:
CR/HM/ded	12/1/2023	AE500

Project No.: 234903-23001



Work Area #	Location	Asbestos-Containing Material	Approximate Quantity	Removal Procedure
1	Room M-112	Mastic to Black Cove Base, Brown	25 Ln. Ft.	NYS DOL 12 NYCRR Part 56 § 7.11 Negative Pressure Tent Removal
2	Room M-117, Office	Floor Tile Under 12”x12” Light Blue Floor Tile, Beige and Mastic to Floor Tile Under 12”x12” Light Blue Floor Tile, Black	200 Sq. Ft.	NYS DOL 12 NYCRR Part 56 §11.7 Non-friable Flooring and/or Mastic Removal
3	Skylight Roof	Skylight Glass Caulk, White/Gray	75 LF	NYS DOL 12 NYCRR Part 56 § 11.6 Exterior Project Removal of Non-friable ACM Roofing, Siding, Caulking, Glazing Compound, Transite, Tars, Sealers, Coatings, and Other NOB ACMS

1 First Floor - Key Plan
1/16" = 1'-0"



Key Plan
N.T.S.

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

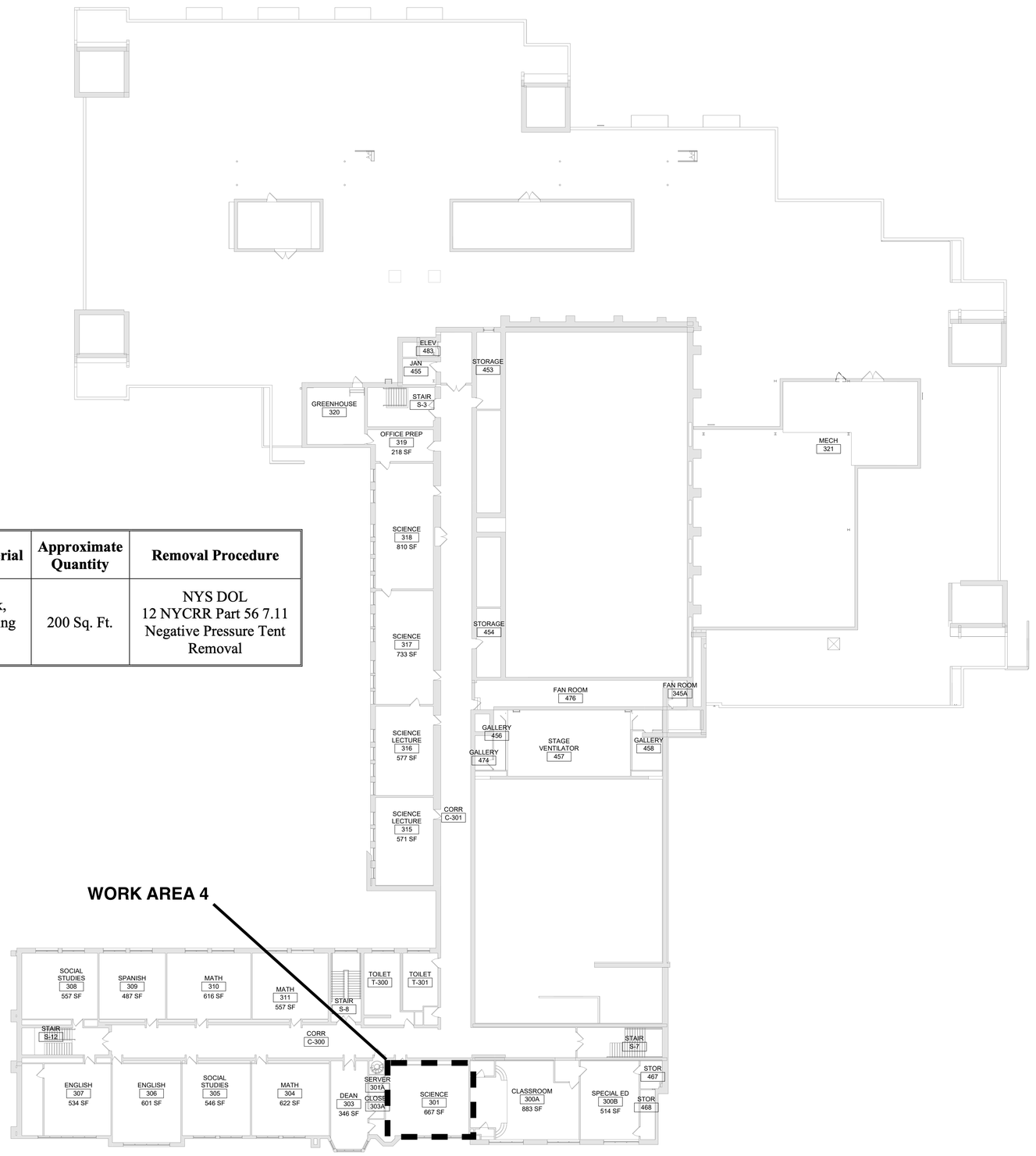
Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Middle/High School

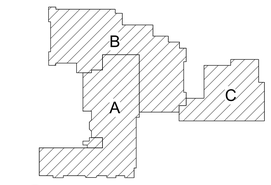
Asbestos Containing Materials
Location Plan - First Floor

Drawn By:	Date:	Drawing Number:
DC	12/01/23	ACM001
Project No.: 234903-23001		

Work Area #	Location	Asbestos-Containing Material	Approximate Quantity	Removal Procedure
4	Room 301	Sink Undercoating, Black, Countertops, Black & Drying Rack, Black	200 Sq. Ft.	NYS DOL 12 NYCRR Part 56 7.11 Negative Pressure Tent Removal



1 Third Floor Key Plan
1/16" = 1'-0"



Key Plan
N.T.S.

N

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Middle/High School

Asbestos Containing Materials
Location Plan Third Floor

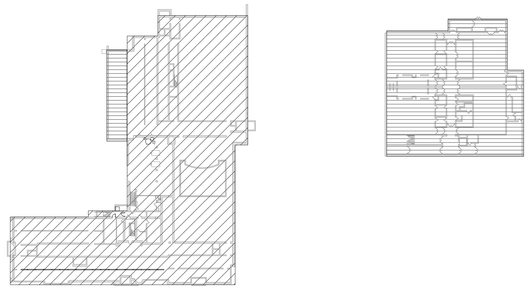
Drawn By: DC
Date: 12/01/23
Drawing Number: ACM002
Project No.: 234903-23001

Vintage Key

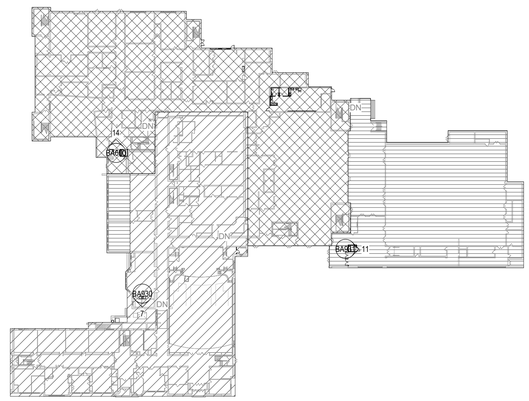
1934

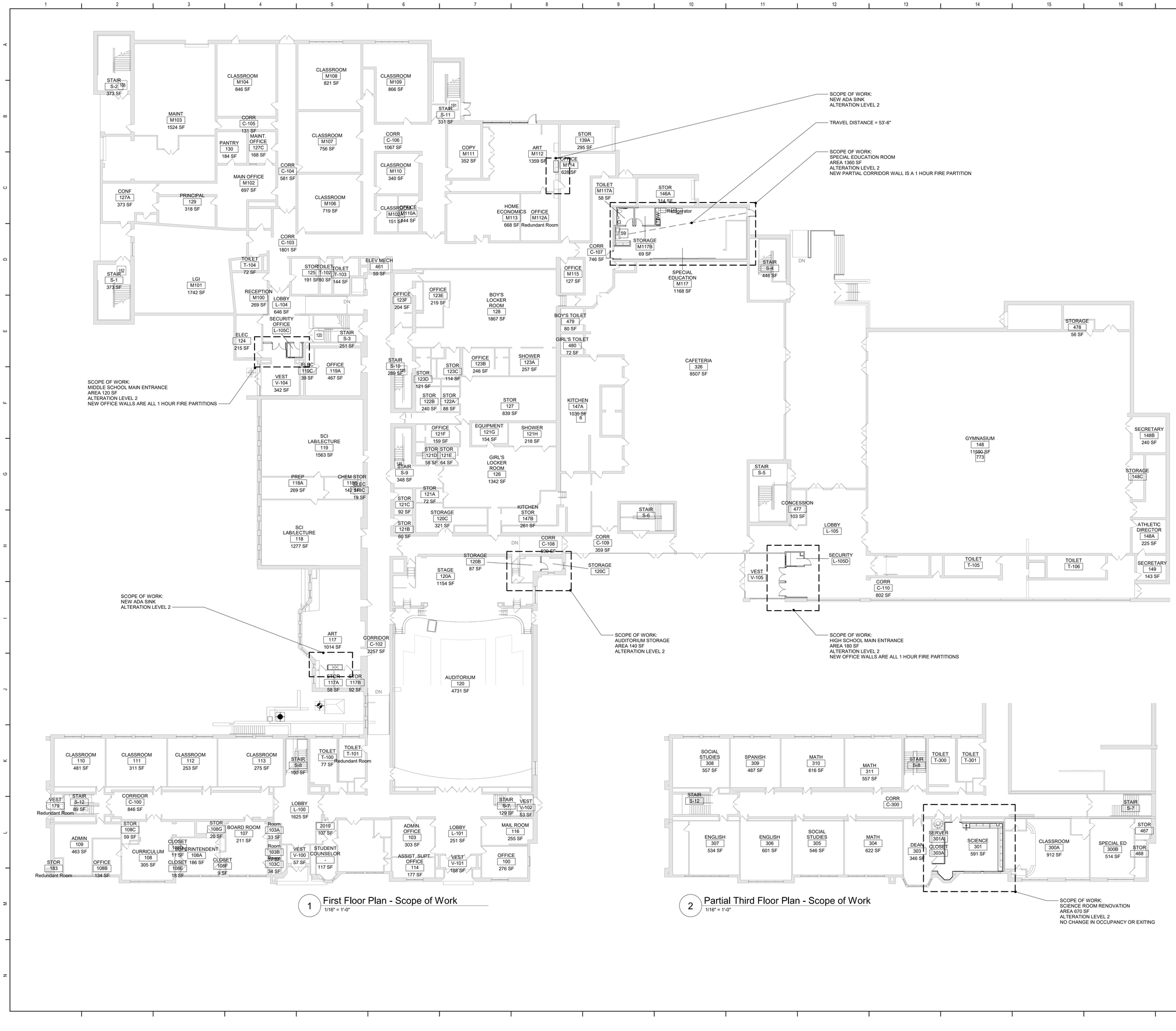
1974

2002



1 Basement Floor Vintage Plan
1" = 60'-0"





General Code Notes

A. COORDINATE WITH FLOOR PLANS, WALL SECTIONS AND PARTITION TYPES FOR RATED WALL TYPES AND LOCATIONS. IMMEDIATELY NOTIFY ARCHITECT OF ANY WALL RATING DISCREPANCIES BETWEEN DRAWINGS AND FLOOR PLANS.

B. ALL WALLS, INCLUDING AT CORRIDORS, SHALL EXTEND COMPLETELY TO THE UNDERSIDE OF DECKING, SUPPORTING STRUCTURE OR ROOF ABOVE, TYPICAL UNLESS NOTED OTHERWISE.

C. 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.

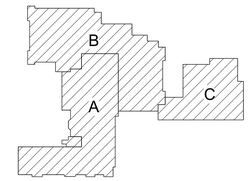
Legend

ALL WALLS, INCLUDING CORRIDOR WALLS, EXTEND TO THE ROOF DECK OR FLOOR DECK ABOVE UNLESS NOTED OTHERWISE.

COMMON EGRESS PATH

XX NUMBER OF OCCUPANTS IN EACH SPACE, UNO

NEW FIRE EXTINGUISHER LOCATION



Key Plan
N.T.S.

N

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

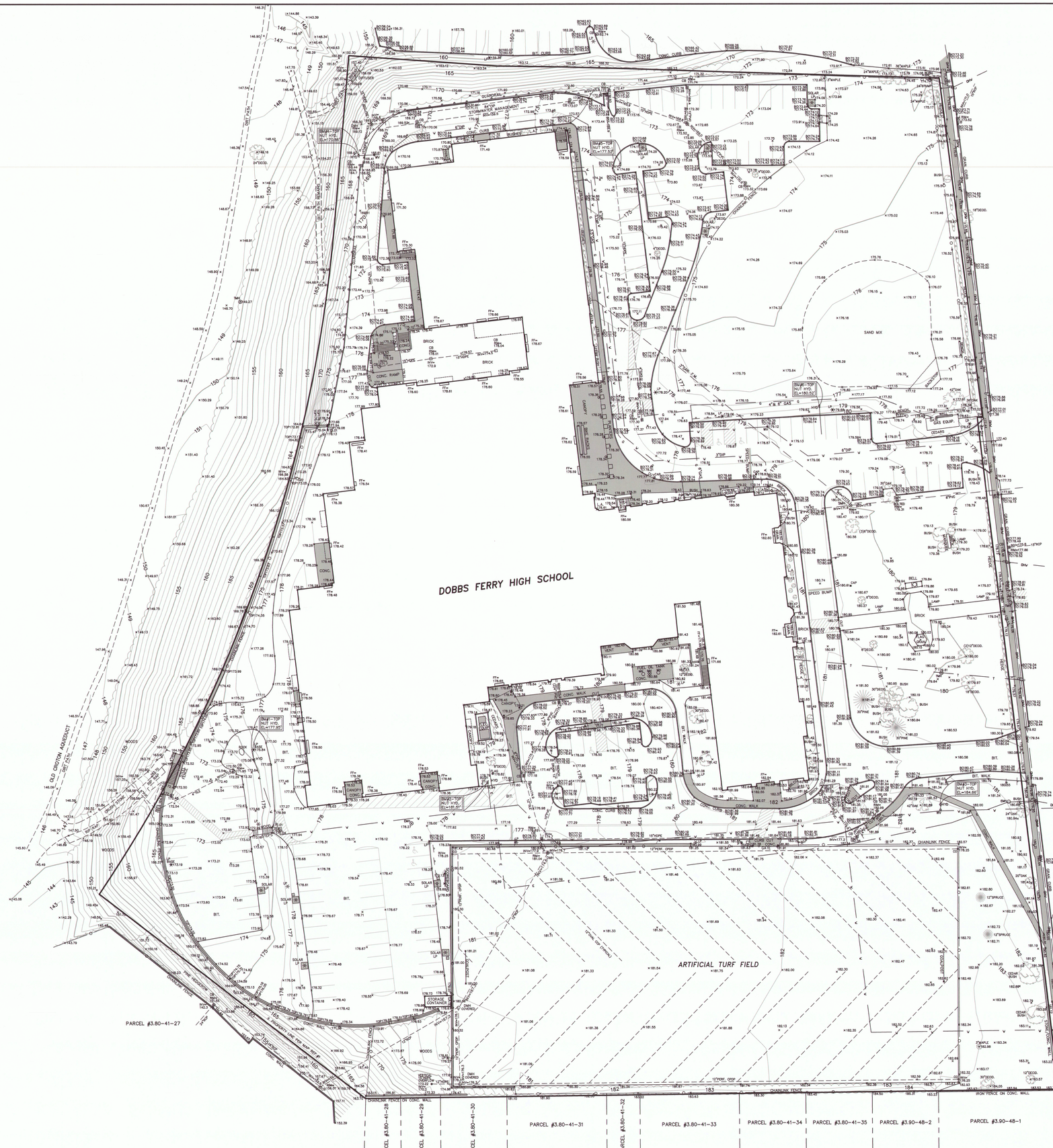
Dobbs Ferry Union Free School District
Dobbs Ferry, New York

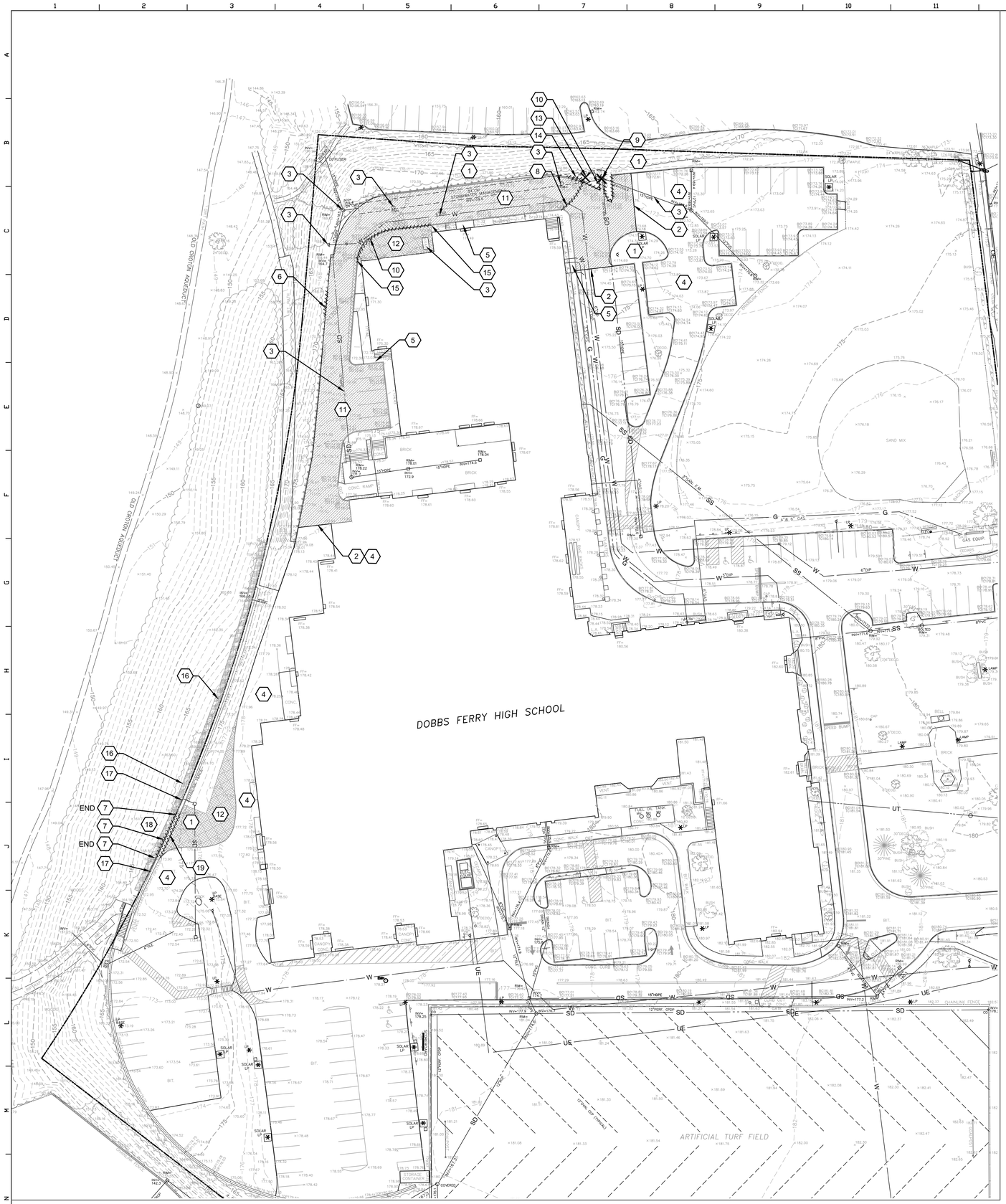
Reconstruction to:
Dobbs Ferry Middle / High School

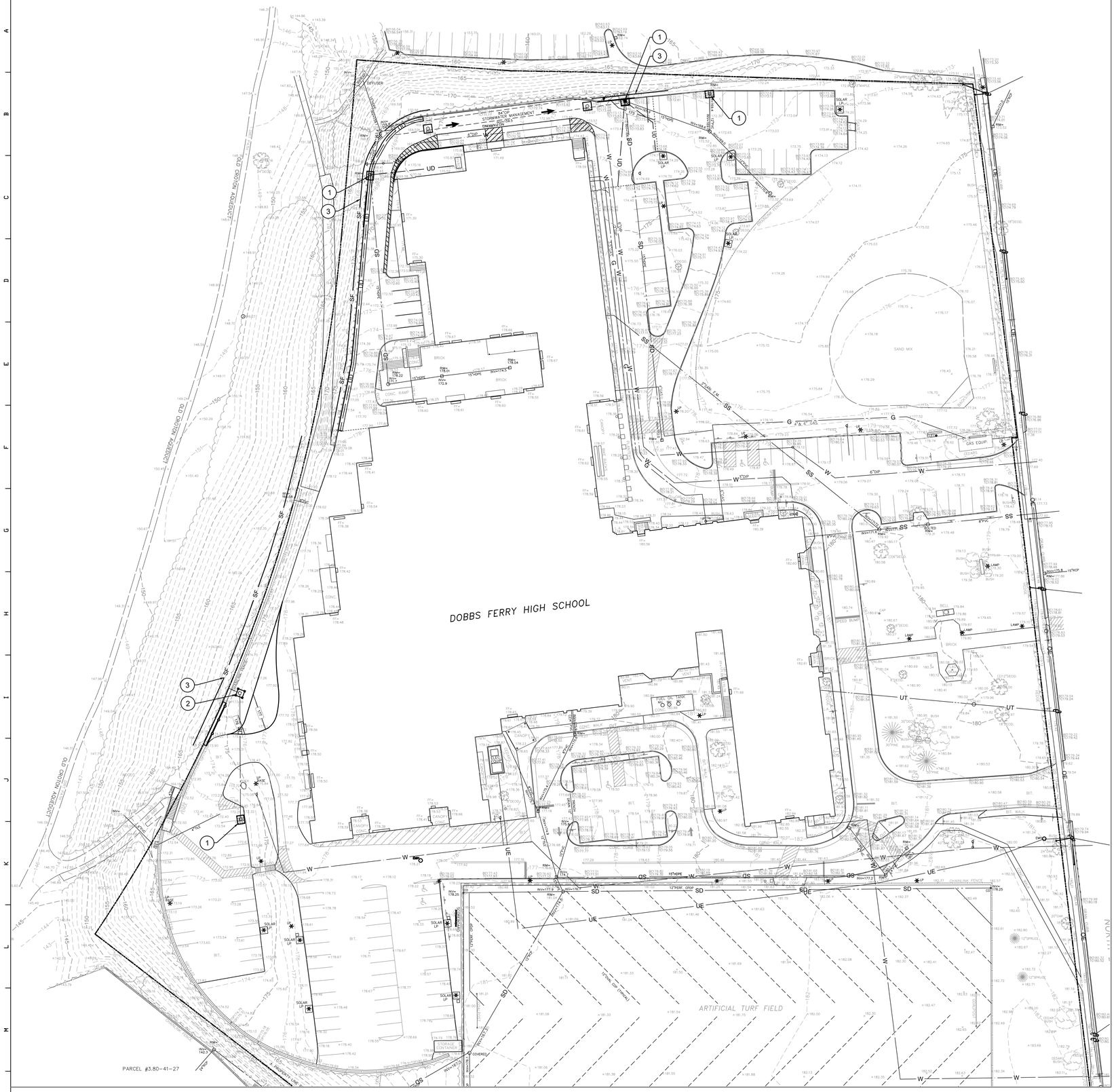
First Floor and Partial Third Floor
Scope of Work Plans

Drawn By:	Date:	Drawing Number:
m. reilly	12/1/2023	BG351

Project No.:
234903-23001


DOBBS FERRY HIGH SCHOOL
ARTIFICIAL TURF FIELD
SAND MIX
NORTH BROADWAY
OLD CROTON AQUEDUCT
PARCEL #3.80-41-27
PARCEL #3.80-41-28
PARCEL #3.80-41-29
PARCEL #3.80-41-30
PARCEL #3.80-41-31
PARCEL #3.80-41-32
PARCEL #3.80-41-33
PARCEL #3.80-41-34
PARCEL #3.80-41-35
PARCEL #3.90-48-2
PARCEL #3.90-48-1
BRICK
CONC. RAMP
CANOPY
STORAGE CONTAINER
CHAINLINK FENCE
IRON FENCE ON CONC. WALL
CONC. WALK
BIT. WALK
BIT.
WOODS
BUSH
SPEED BUMP
BENCH
FLAG POLE
SIGN
GAS EQUIP
CEDARS
BACKSTOP
SOLAR LP
SOLAR PANEL
DMH COVERED
DMH
CB
VENT
BOLLARD
LAMP
BELL
CAP
BENCH MARK
NUT HYD. EL=177.95
NUT HYD. EL=177.67
NUT HYD. EL=180.55
NUT HYD. EL=184.69
NUT HYD. EL=170.00
NUT HYD. EL=177.95
NUT HYD. EL=177.95
NUT HYD. EL=177.95


DOBBS FERRY HIGH SCHOOL
ARTIFICIAL TURF FIELD
OLD CROTON AQUEDUCT
SAND MIX
BRICK
CONCRETE
ASPHALT
CHAINLINK FENCE
GAS EQUIP.
FUEL OIL TANK
SOLAR LP
SOLAR PANEL
SOLAR ARRAY
LAMP
BUSH
TREE
SPEED BUMP
CROSSWALK
STOP BAR
CURB CUT
CONCRETE CURB
CATCH BASIN
DRAIN MH
SEWER MH
GAS VALVE
WATER VALVE
GAS METER
WATER METER
UTILITY POLE
GUY WIRE
GUIDE RAIL
SIGN
SIGN POST
FOOTING
CANOPY
COVERED
UNDERGROUND GAS
UNDERGROUND WATER
UNDERGROUND ELECTRIC
UNDERGROUND TELECOMMUNICATIONS
OVERHEAD UTILITY
SILT FENCE
SEDIMENT CONTROL
SEDIMENT CONTROL BARRIER
SEDIMENT CONTROL BARRIER (TYP.)
SEDIMENT CONTROL BARRIER (TYP.)
SEDIMENT CONTROL BARRIER (TYP.)



I Site Soil Erosion and Sediment Control Plan
1" = 30'

Site Erosion and Sediment Control Notes

1. ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE INSTALLED IN ACCORDANCE WITH THE STANDARDS SPECIFIED IN THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL (BLUE BOOK), LATEST EDITION, AND WILL BE INSTALLED IN PROPER SEQUENCE AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.

2. ANY DISTURBED AREA THAT WILL BE LEFT EXPOSED FOR MORE THAN THIRTY DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC SHALL IMMEDIATELY RECEIVE A TEMPORARY SEEDING. IF THE SEASON PROHIBITS TEMP. SEEDING, THE DISTURBED AREA WILL BE MULCHED WITH SALT HAY OR EQUIVALENT AND BOUND IN ACCORDANCE WITH THE NY STANDARDS.

3. NYS DEC REGULATIONS REQUIRE THAT DISTURBANCE BE LIMITED TO AREAS LESS THAN 5-ACRES AT ANY ONE TIME.

4. IMMEDIATELY FOLLOWING INITIAL DISTURBANCE OR ROUGH GRADING, ALL CRITICAL AREAS SUBJECT TO EROSION WILL RECEIVE A TEMPORARY SEEDING IN COMBINATION WITH STRAW MULCH OR A SUITABLE EQUIVALENT ACCORDING TO NYS DEC STANDARDS.

5. STABILIZATION SPECIFICATIONS:

A. SOIL AMENDMENTS:

LIME - PROVIDE GROUND LIMESTONE TO PH OF 6.0.

FERTILIZER - 14 LBS/1,000 S.F., 5-10-10 OR EQUIVALENT WORKED INTO SOIL A MINIMUM OF 4".

B. TEMPORARY SEEDING AND MULCHING:

SEED - ANNUAL RYEGRASS 30 LBS/ACRE; PLANT BETWEEN MARCH 1 AND MAY 15 OR BETWEEN AUGUST 15 AND OCTOBER 1. USE WINTER RYE IF SEEDING IN OCT./NOV.

MULCH - SALT HAY OR SMALL GRAIN STRAW AT A RATE OF 90 LBS/1,000 S.F., TO BE APPLIED ACCORDING TO THE NY STANDARDS. MULCH SHALL BE SECURED BY WOOD FIBER MULCH (HYDROMULCH) AT 11-17 LBS./1,000 S.F. WOOD FIBER MULCH MUST BE APPLIED THROUGH A HYDROSEEDER IMMEDIATELY AFTER MULCHING.

C. PERMANENT SEEDING AND MULCHING:

SEED - REFER TO PROJECT MANUAL SPECIFICATIONS FOR SEED TYPE, RATE OF SEEDING AND SEASON OF SEEDING. RATE AND SEED TYPE ARE TO MEET THE MINIMUM REQUIREMENTS OF THE NY STANDARDS.

MULCH - REFER TO PROJECT MANUAL SPECIFICATIONS FOR MULCH TYPE, RATE OF APPLICATION, ETC. RATE AND MULCH TYPE ARE TO MEET THE MINIMUM REQUIREMENTS OF THE NY STANDARDS.

6. TEMPORARY BERMS ARE TO BE INSTALLED ON ALL CLEARED ROADWAYS AND EASEMENT AREAS IN ACCORDANCE WITH SECTION 5A OF THE NY STANDARDS.

7. THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORMWATER RUN-OFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES.

8. ALL SEDIMENTATION STRUCTURES WILL BE INSPECTED AND MAINTAINED ON A REGULAR BASIS.

9. STOCKPILES ARE NOT TO BE LOCATED WITHIN 50' OF A FLOODPLAIN, SLOPE, ROADWAY, OR DRAINAGE FACILITY. THE BASE OF ALL STOCKPILES SHOULD BE PROTECTED BY A SILT DAM OR STRAW BALE DIKE IN ACCORDANCE WITH NY STANDARDS.

10. A CRUSHED STONE, VEHICLE WHEEL-CLEANING BLANKET WILL BE INSTALLED WHEREVER A CONSTRUCTION ACCESS ROAD INTERSECTS ANY PAVED ROADWAY. SAID BLANKET WILL BE COMPOSED OF 2" CRUSHED STONE, 6" THICK, WILL BE AT LEAST 30'X100' AND SHOULD BE UNDERLAIN WITH A SUITABLE SYNTHETIC SEDIMENT FILTER FABRIC AND MAINTAINED (SEE DETAIL).

11. ALL CATCH BASIN INLETS WILL BE PROTECTED WITH A FABRIC FILTER CRUSHED STONE OR FABRIC FILTER (FILTER DETAILS APPEAR ON THE PLAN).

12. ALL STORM DRAINAGE OUTLETS WILL BE STABILIZED, AS REQUIRED, BEFORE THE DISCHARGE POINTS BECOME OPERATIONAL.

13. ALL DEWATERING OPERATIONS MUST DISCHARGE DIRECTLY INTO A SEDIMENT TRAP OR APPROVED AFTERMARKET PRODUCT IN ACCORDANCE WITH SECTION 5A OF THE NY STANDARDS.

14. PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES.

15. STABILIZED CONSTRUCTION ENTRANCE AND CONSTRUCTION ACCESS AREAS TO BE RESTORED TO EXISTING CONDITIONS, LAWN RESTORATION SHALL INCLUDE REMOVAL. GRANULAR FILL, GRAVEL AND STONE. SCARIFY SUBGRADE. PROVIDE TOPSOIL AND LIGHTLY COMPACT TO BE FLUSH WITH SURROUNDING GRADE. FINE GRADE, FERTILIZE, SEED AND MULCH.

Site Erosion & Sediment Control Sequence

1. INSTALL STABILIZED CONSTRUCTION ENTRANCE PAD.

2. INSTALL TEMPORARY TREE PROTECTION AT EXISTING TREES WITHIN CONSTRUCTION AREA. PRIOR TO COMMENCEMENT OF GRADING OPERATIONS,

3. INSTALL SILT FENCE, SEDIMENT TRAPS AND SEDIMENT BASINS.

4. INSTALL TEMPORARY STORM SEWER INLET PROTECTION AT ALL EXISTING DRAINAGE INLETS THAT WILL BE RECEIVING STORM DRAINAGE FROM CONSTRUCTION ACTIVITIES.

5. PREPARE CONTRACTOR ACCESS DRIVES, PARKING AND STAGING AREAS WITH TYPE 2 FILL OR OTHER SURFACING THAT WILL PREVENT EROSION OF THESE AREAS. STRIP TOPSOIL AND STOCKPILE IN LOCATION SHOWN.

6. SURROUND ALL STOCKPILES WITH SILT FENCE OR HAY BALE BARRIER. THROUGHOUT GRADING OPERATIONS,

7. PROVIDE TEMPORARY AND PERMANENT SEEDING PER SOIL EROSION AND SEDIMENT CONTROL NOTES NOS. 2, 3, & 4.

8. AFTER SLOPES ARE CUT OR FILLED, PROVIDE EROSION CONTROL MATTING AT ALL SLOPES THAT ARE THREE HORIZONTAL TO ONE VERTICAL AND STEEPER.

9. BEFORE COMMENCEMENT OF EXCAVATING FOR FOOTINGS, INSPECT SITE WITH OWNER/ARCHITECT FOR COMPLIANCE WITH SOIL EROSION AND SEDIMENT CONTROL REQUIREMENTS.

10. DURING EXCAVATION FOR FOOTINGS, TRENCHES, ETC., WHEN DEWATERING IS REQUIRED, PROVIDE MEANS TO REMOVE SEDIMENT IN ACCORDANCE WITH SOIL EROSION AND SEDIMENT CONTROL NOTE #13 THIS DRAWING.

11. AS STORM STRUCTURES ARE BEING INSTALLED, PROVIDE TEMPORARY STORM SEWER INLET PROTECTION PER DETAIL AT ALL GRATED STORM SEWER INLETS PRIOR TO CONNECTING BASINS TO NEW STORM PIPING. MAINTAIN EROSION CONTROL DEVICES IN FULLY FUNCTIONAL CONDITION THROUGHOUT CONTRACT PERIOD.

12. PROVIDE ADDITIONAL EROSION CONTROL MEASURES AS REQUIRED TO MEET NEW YORK STANDARDS OR AS REQUIRED BY SOIL CONSERVATION DISTRICT.

13. UPON OWNER APPROVAL, REMOVE TEMPORARY SOIL & EROSION CONTROL MEASURES AFTER PERMANENT MEASURES ARE IN PLACE AND FUNCTIONING EFFECTIVELY.

0 15' 30' 60'
SCALE: 1" = 30'

General Site Notes

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

(#) Soil Erosion & Sediment Control Key Notes

1 DROP-IN INLET PROTECTION, (TYP.). SEE DETAIL 1 / BC501.

2 INLET PROTECTION IN LAWN, SEE DETAIL 1 / BC501.

3 SILT FENCE, (TYP.). SEE DETAIL 3 / BC501.

SOIL EROSION AND SEDIMENT CONTROL LEGEND

SYMBOL	DESCRIPTION
SF	SILT FENCE
	DROP-IN INLET PROTECTION
	INLET PROTECTION IN LAWN

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

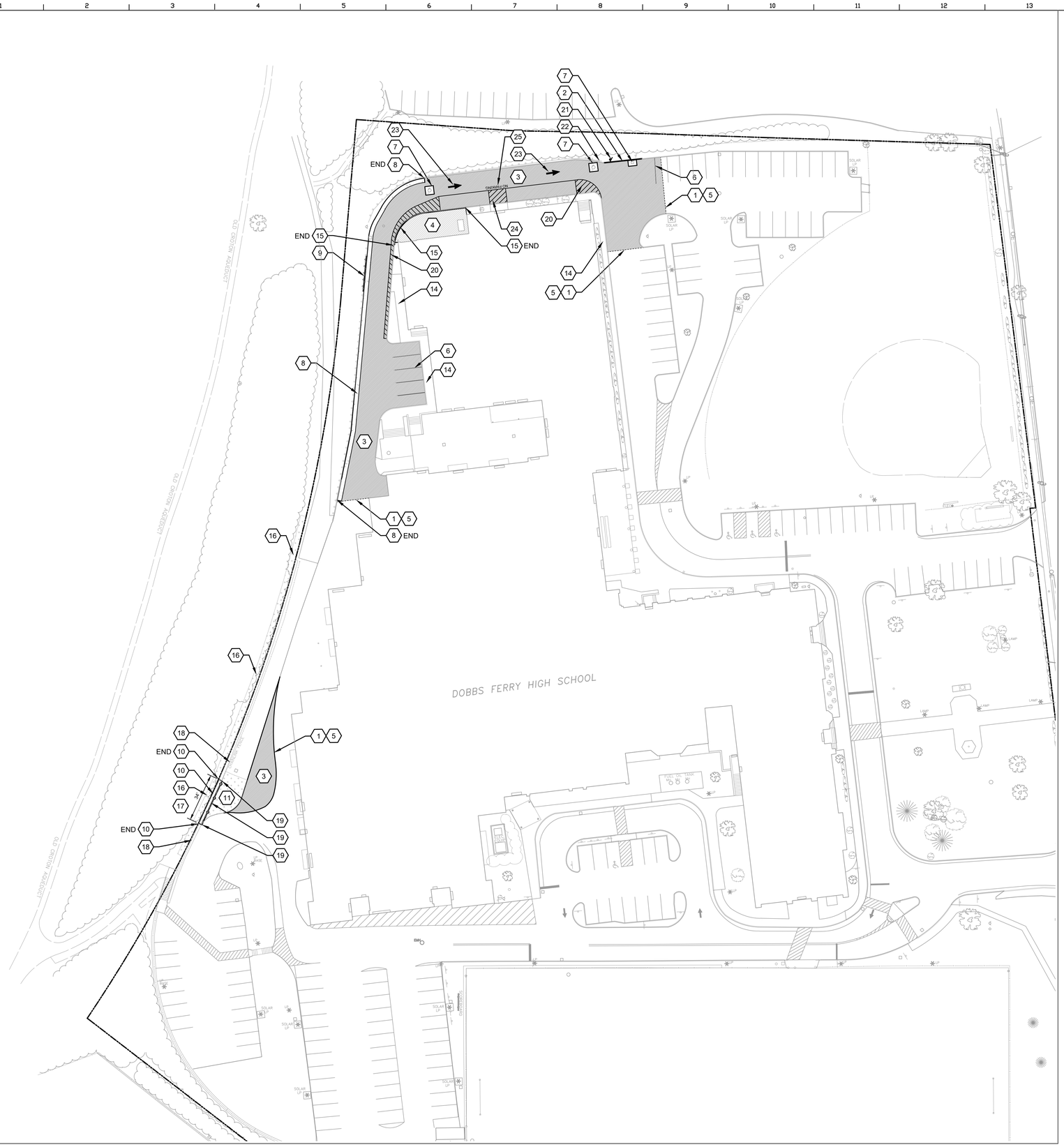
Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Dobbs Ferry Middle / High School

Site Soil Erosion and Sediment Control Plan

Drawn by:	Date:	Drawing No.:
J.L.P.	12/01/2023	BC110

234903-23001



Site Layout Keynotes

1 SMOOTH TRANSITION FROM PROPOSED SURFACE TO ADJACENT EXISTING SURFACE, (TYP.).

2 CAST IN PLACE CONCRETE CURB AT LAWN, SEE DETAIL 4 / BC500.

3 HEAVY DUTY ASPHALT PAVING. SEE DETAIL 1 / BC500.

4 WALK DUTY ASPHALT PAVING. SEE DETAIL 2 / BC500.

5 ASPHALT PAVING AT EXISTING ASPHALT (TYP.) SEE DETAIL 3 / BC500.

6 4-IN WIDE WHITE PAINTED LINE (TYP.) SEE DETAIL 5 / BC500.

7 CONCRETE APRON AROUND STORM STRUCTURE. SEE DETAIL 15 / BC500.

8 CONCRETE GUTTER. SEE DETAIL 7 / BC500.

9 REPLACE TWO (2) RAILS AND ONE (1) POST OF GUARD RAIL.

10 RECONSTRUCT STONE RETAINING WALL. SEE DETAIL 11 / BC500.

11 SEEDED AREA.

14 EXISTING CONCRETE SIDEWALK TO REMAIN, PROTECT.

15 MOUNTABLE GRANITE CURB. SEE DETAIL 6 / BC500.

16 CONSERVATION SEEDED AREA - 6-IN OF AMENDED TOPSOIL, FINE GRADE, SEED, FETILIZE AND MULCH. LEAVE NEAT SMOOTH EDGE (TYP.)

17 EXISTING BRUSH TO REMAIN, PROTECT.

18 EXISTING 6-FT TALL CHAINLINK FENCE TO REMAIN, PROTECT.

19 RE-INSTALLED EXISTING 6-FT TALL CHAIN LINK FENCE CONNECT RE-INSTALLED FENCE TO NEW FENCE. SEE DETAIL 9 / BC500.

20 WHITE CROSS HATCH PAVEMENT MARKING, (TYP.). SEE DETAIL 5 / BC500.

21 "DO NOT ENTER" SIGN AND POST IN LAWN. SEE DETAILS 12 AND 13 / BC500.

22 GUIDE RAIL END SECTION. SEE DETAIL 17 / BC500.

23 TRAFFIC ARROWS - PAINTED WHITE, SEE DETAIL 10 / BC500.

24 CROSS HATCH PAVEMENT MARKING - PAINTED YELLOW, SEE DETAIL 5 / BC500.

25 "NO PARKING" - PAINTED YELLOW, SEE DETAIL 19 / BC500.

General Site Notes

1. REFER TO DRAWING BC100 FOR GENERAL SITE NOTES THAT APPLY TO ALL BC-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.
7. ALL DISTURBED AREAS TO RECEIVE 6-IN TOPSOIL AND SEED UNLESS OTHERWISE NOTED.

Site Layout Legend	
	ASPHALT PAVING -HEAVY DUTY
	ASPHALT PAVING -WALK DUTY
	CONCRETE PAVING
	LAWN AREA
CC	CONCRETE CURB

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Dobbs Ferry Middle / High School

Site Layout Plan

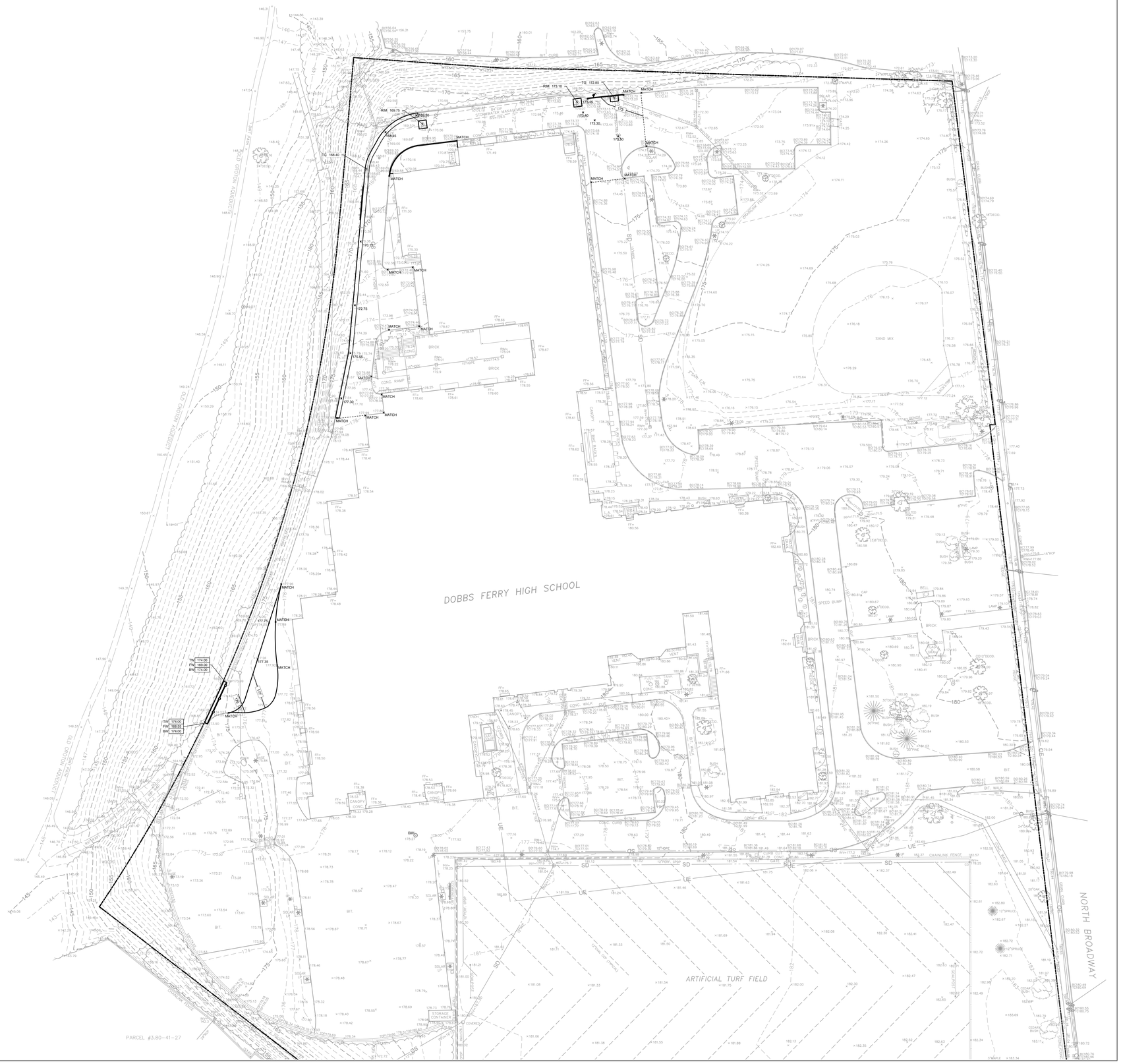
Drawn by:	Date:	Drawing No.:
J.L.P.	12/01/2023	BC120

234903-23001

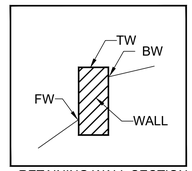
1 Site Layout Plan
1" = 30'

N

0 15' 30' 60'
SCALE: 1" = 30'



1 Site Grading Plan
1" = 30'



RETAINING WALL SECTION

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.
14. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME.

GRADING KEY	
TW	TOP OF WALL
BW	BACK FACE OF WALL
FW	FRONT FACE OF WALL
BS	BOTTOM OF SWALE
+	SPOT ELEVATION
HP	HIGH POINT
MATCH	MATCH EXISTING GRADE

ADA Site Notes

1. THE MAXIMUM SLOPE OF ACCESSIBLE PARKING STALLS AND ASSOCIATED ACCESS AISLE SHALL BE 2% (1V:50H).
2. THE MAXIMUM SLOPE IN THE DIRECTION OF TRAVEL ON ACCESSIBLE PATHS SHALL BE 5% (1V:20H).
3. THE MAXIMUM CROSS SLOPE ON ACCESSIBLE PATHS SHALL BE 2% (1V:50H).
4. THE MAXIMUM SLOPE IN THE DIRECTION OF TRAVEL ON ACCESSIBLE RAMPS AND CURB RAMPS SHALL BE 8.33% (1V:12H), AS INDICATED ON THE DETAILS.
5. GROUND SURFACES ON ACCESSIBLE PATHS SHALL BE STABLE, FIRM, AND SLIP RESISTANT.

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

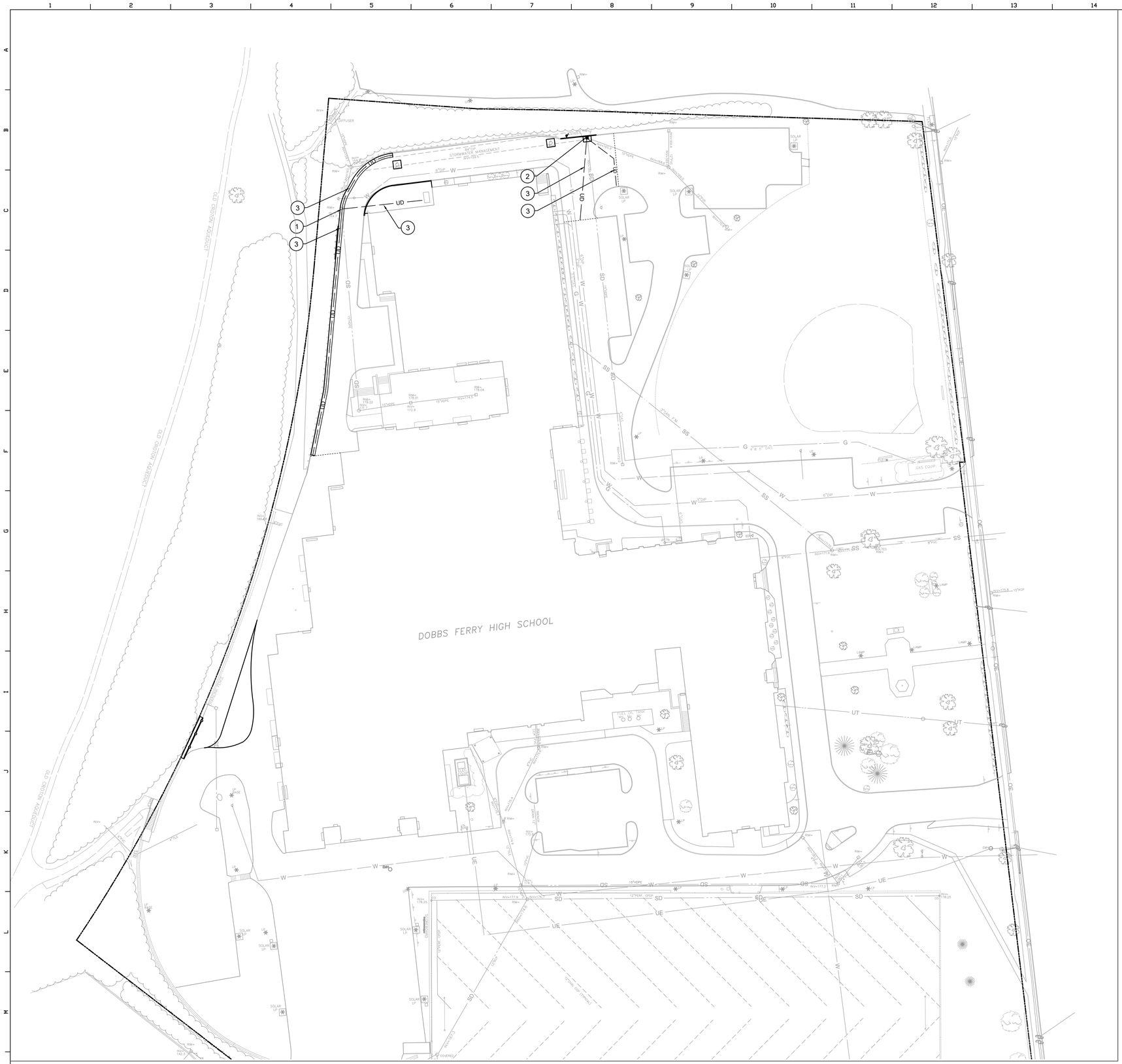
Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Dobbs Ferry Middle / High School

Site Grading Plan

Drawn by:	Date:	Drawing No.:
J.L.P.	12/01/2023	BC130
234903-23001		

0 15' 30' 60'
SCALE: 1" = 30'



I Site Utility Plan
1" = 30'

N

0 15' 30' 60'
SCALE: 1" = 30'

Site Utility and Drainage Keynotes

1 EXISTING CATCH BASIN IN CONCRETE GUTTER. SEE DETAIL 8 / BC500.
TOP OF GRATE = 168.40
INV = 164.7 (EX. 15" HDPE IN)
INV = 164.7 (EX. 15" HDPE OUT)
INV = (UD)
INV = (UD)
INV = (UD)

2 REPLACE EXISTING CATCH BASIN. SEE DETAIL 14 / BC500.
TOP OF GRATE = 172.85
INV = MATCH EXISTING
INV = MATCH EXISTING
INV = MATCH EXISTING
INV = (UD)
INV = (UD)

3 UNDER DRAIN IN PAVEMENT, SEE DETAIL 18 / BC500.

General Site Notes

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

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-FTJAPART(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 Legend

■ CATCH BASIN

——— UD ——— UNDER DRAIN

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

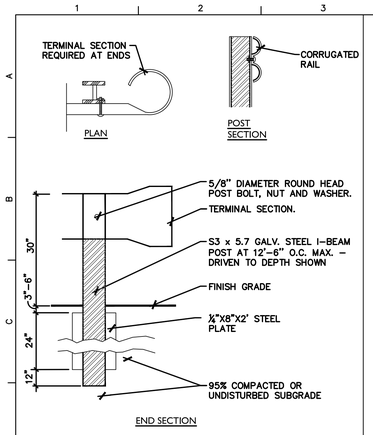
TETRA TECH
ARCHITECTS & ENGINEERS

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Dobbs Ferry Middle / High School

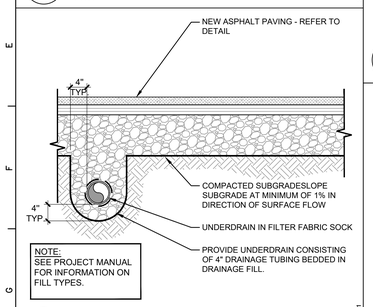
Site Utility Plan

Drawn by:	Date:	Drawing No.:
J.L.P.	12/01/2023	BC140
234903-23001		



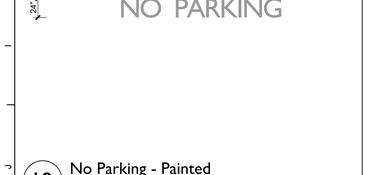
17 Corrugated Beam Guide Rail - Single Face

N.T.S.



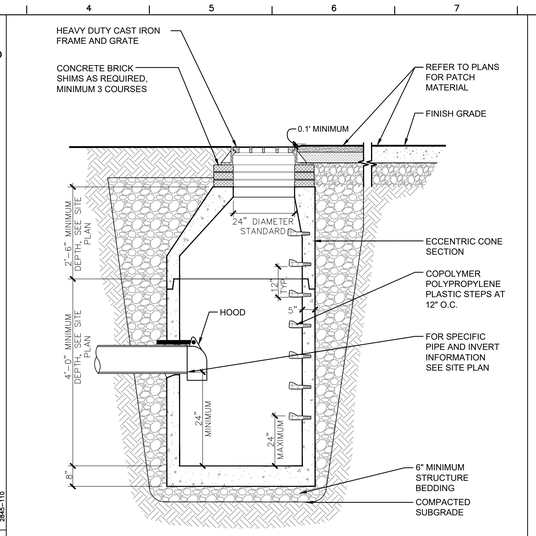
18 Asphalt Paving with Underdrain

NTS SECTION



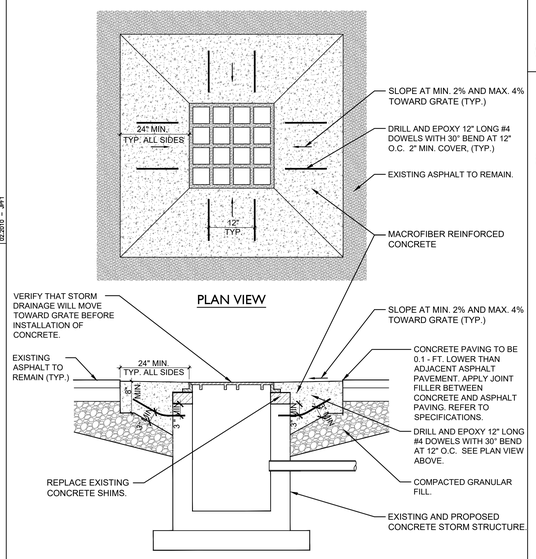
19 No Parking - Painted

NTS



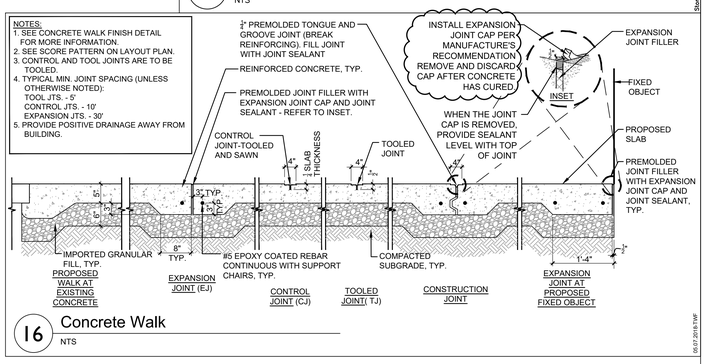
14 Catch Basin - Storm

N.T.S.



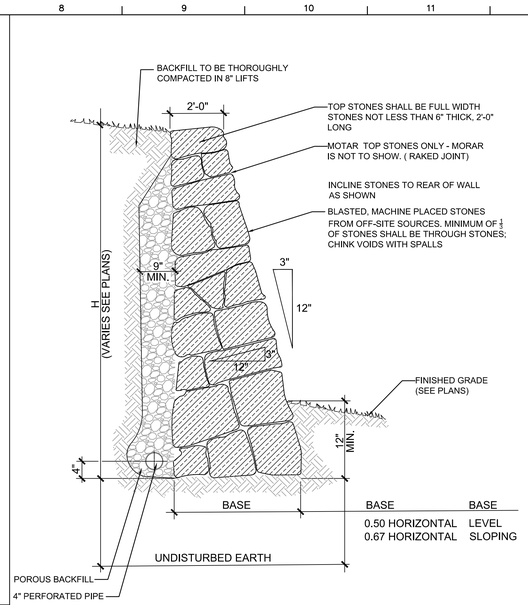
15 Storm Catch Basin with Concrete Apron

NTS



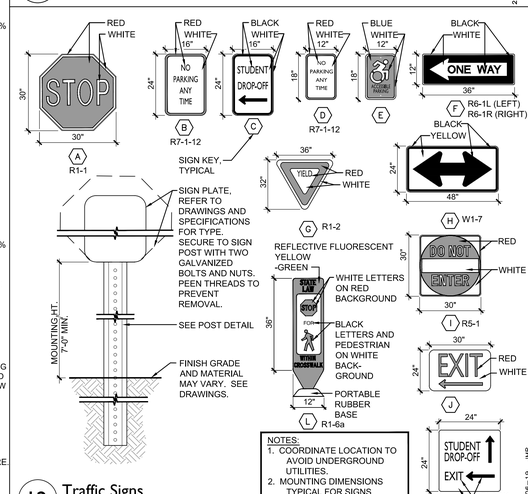
16 Concrete Walk

NTS



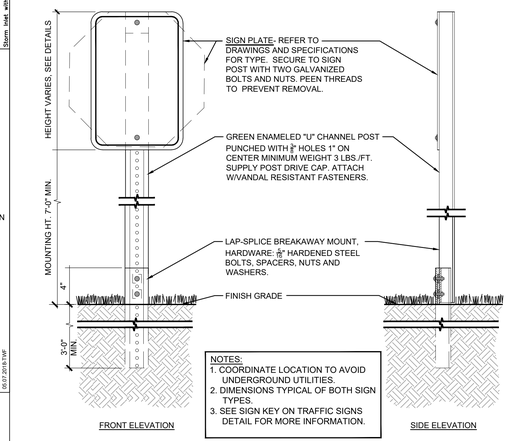
11 Dry Stack Stone Retaining Wall

N.T.S.



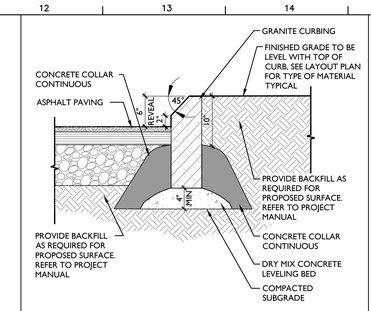
12 Traffic Signs

NTS



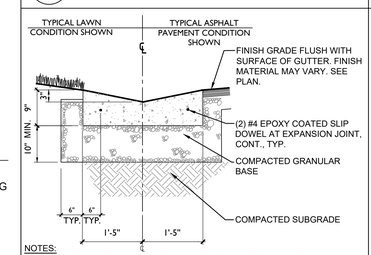
13 Sign "U" Channel Post in Lawn - Breakaway Mount

NTS



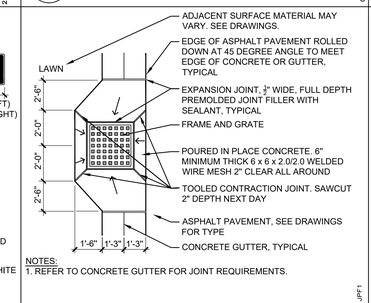
6 Slopped Granite Curb

NTS



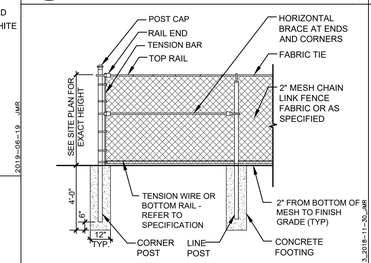
7 Concrete Gutter

NTS



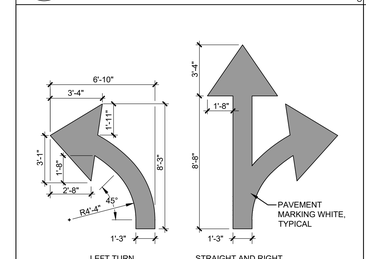
8 Concrete Gutter with Catch Basin

NTS



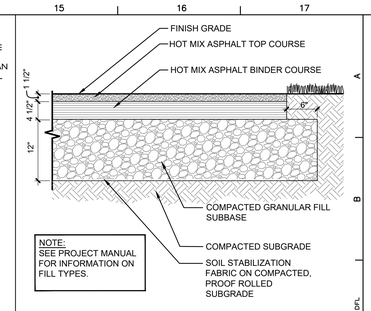
9 Chain Link Fence

NTS



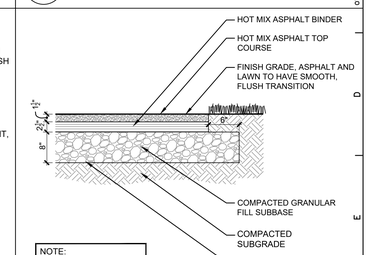
10 Traffic Arrows - Painted

NTS



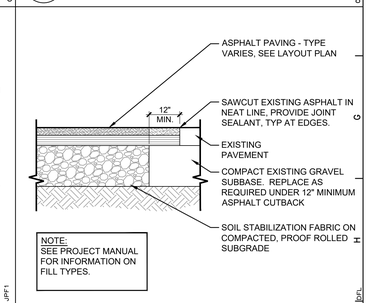
1 Asphalt Paving - Heavy Duty

NTS SECTION



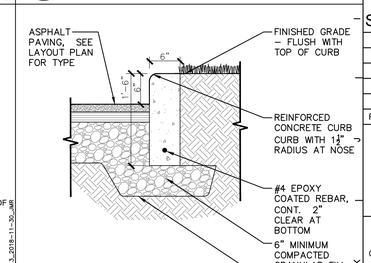
2 Asphalt Paving - Walk Duty

NTS SECTION



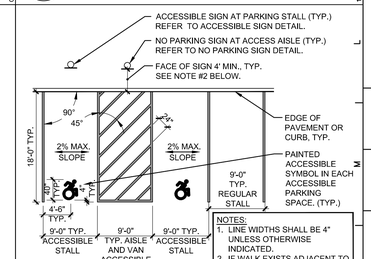
3 Asphalt Paving at Existing Asphalt

NTS SECTION



4 Concrete Curb at Lawn

N.T.S.



5 Parking Stall Striping

NTS

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:
1	4/11/2024	REVISED DETAIL 16

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

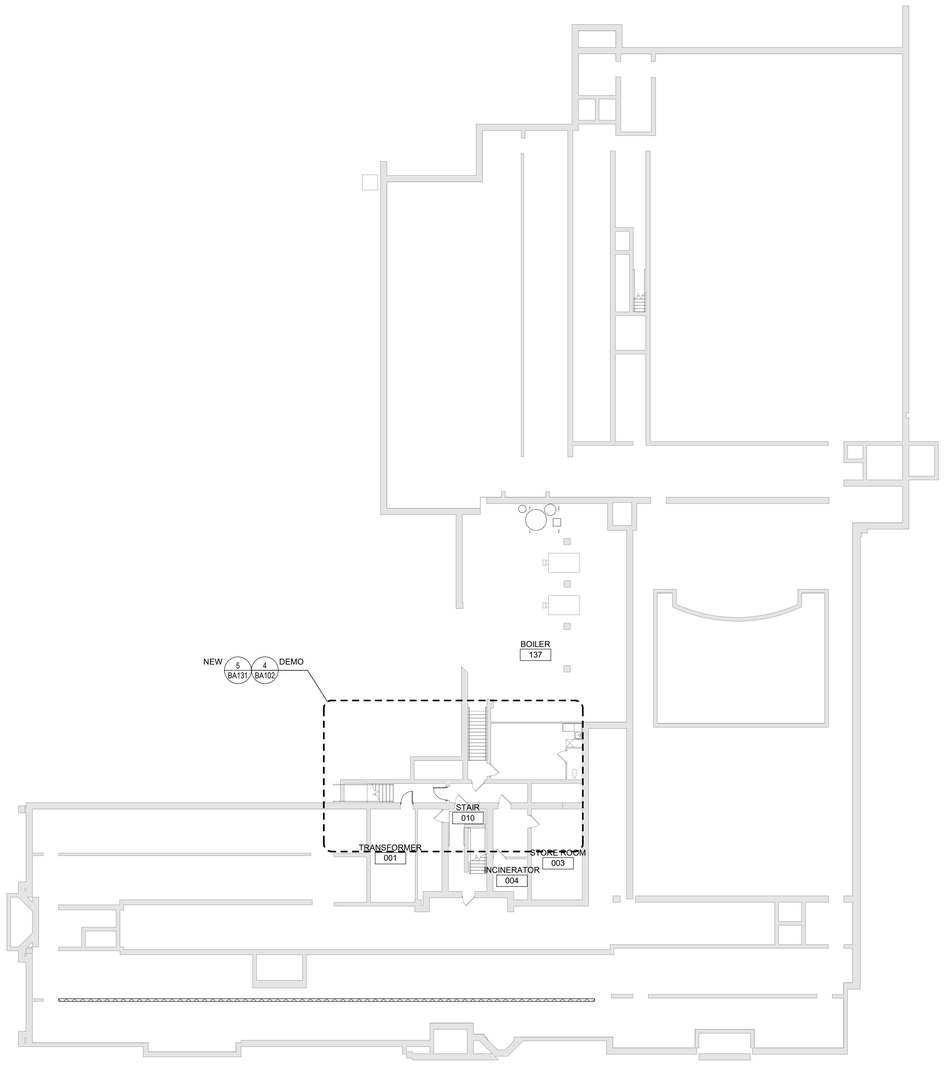
TETRA TECH
ARCHITECTS & ENGINEERS

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

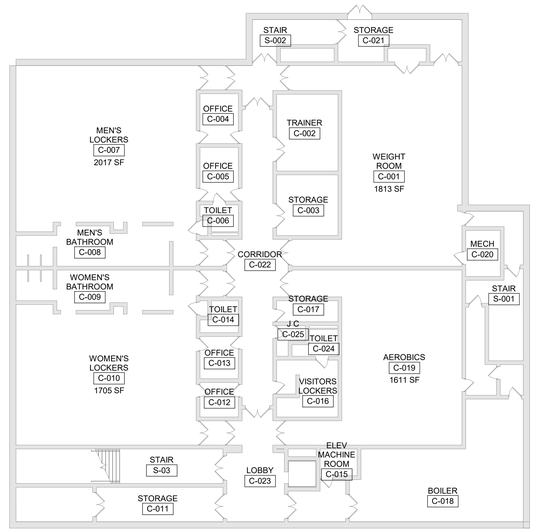
Reconstruction to:
Dobbs Ferry Middle / High School

Site Details

Drawn by:	Date:	Drawing No.:
J.L.P.	12/01/2023	BC500
234903-23001		



1 Basement Floor - Key Plan
1/16" = 1'-0"



General Notes - Applies to all Drawings

A. DO NOT SCALE DRAWINGS TO OBTAIN DIMENSIONS.

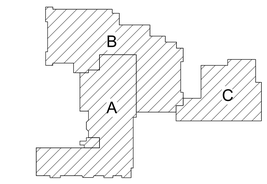
B. TAKE FIELD MEASUREMENTS TO FIT THE WORK PROPERLY. VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD.

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.



Key Plan
N.T.S.

N

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

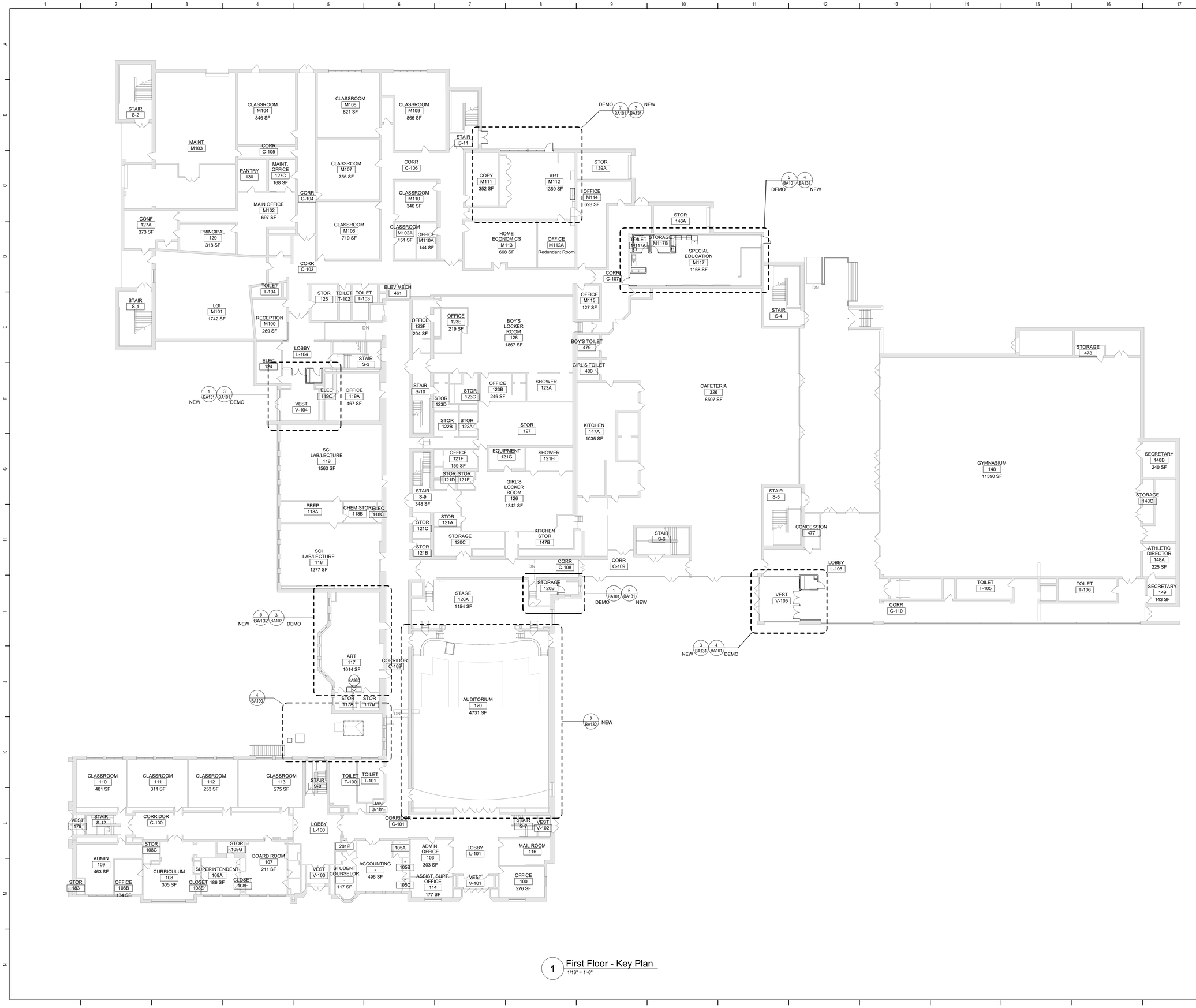
Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Dobbs Ferry Middle / High School

Basement Floor Key Plan

Drawn By:	Date:	Drawing Number:
m. reilly	12/1/2023	BA050

Project No.:
234903-23001



1 First Floor - Key Plan
1/16" = 1'-0"

General Notes - Applies to all Drawings

A. DO NOT SCALE DRAWINGS TO OBTAIN DIMENSIONS.

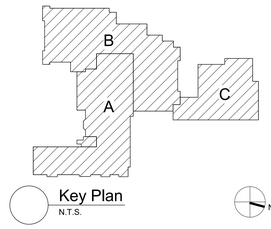
B. TAKE FIELD MEASUREMENTS TO FIT THE WORK PROPERLY. VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD.

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.



Key Plan
N.T.S.

N

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Dobbs Ferry Middle / High School

First Floor Key Plan

Drawn By:	Date:	Drawing Number:
m. reilly	12/1/2023	BA051
Project No.: 234903-23001		



1 Second Floor - Key Plan
1/16" = 1'-0"

General Notes - Applies to all Drawings

A. DO NOT SCALE DRAWINGS TO OBTAIN DIMENSIONS.

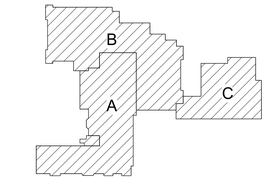
B. TAKE FIELD MEASUREMENTS TO FIT THE WORK PROPERLY. VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD.

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.



Key Plan
N.T.S.

N

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

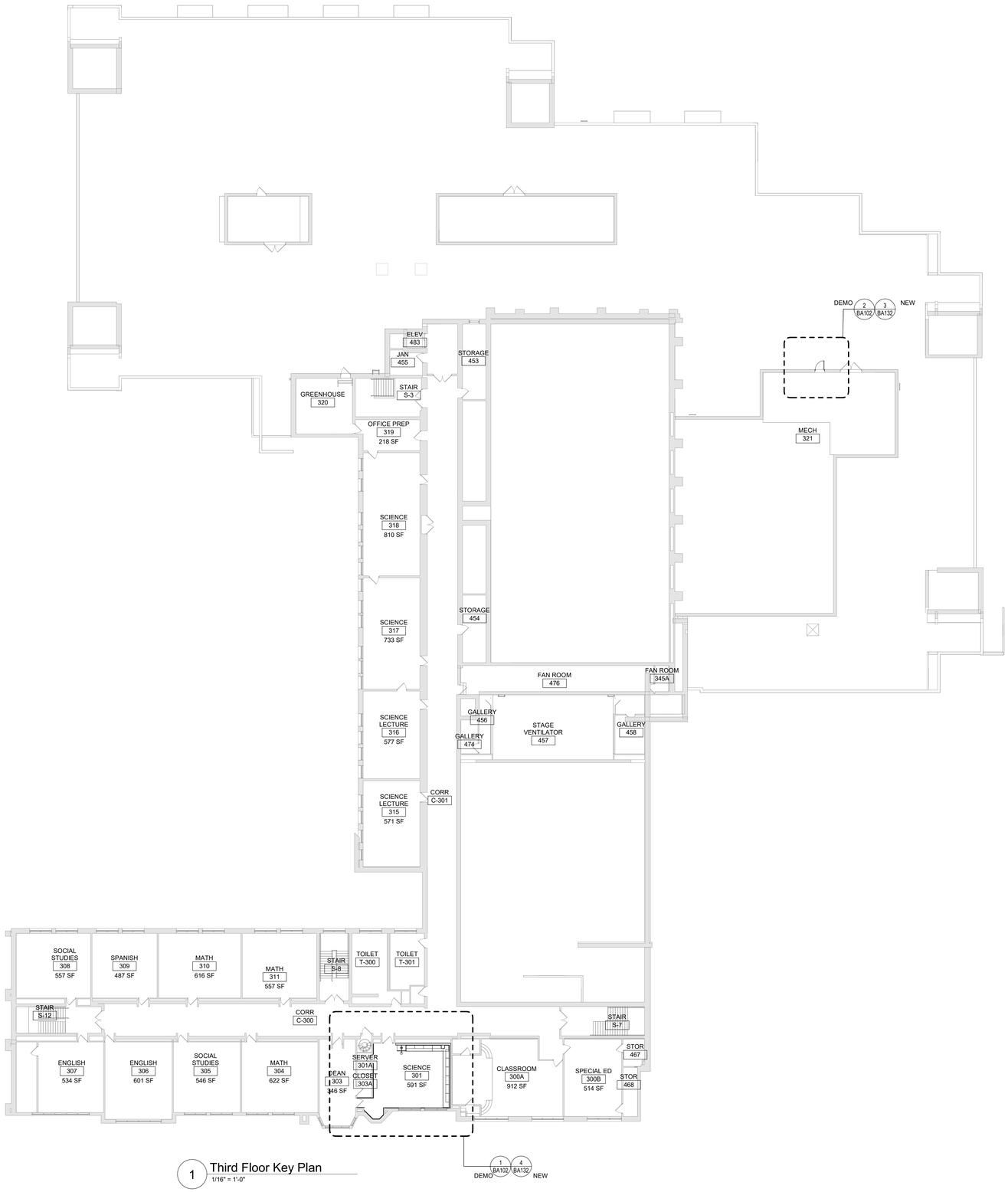
Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Dobbs Ferry Middle / High School

Second Floor Key Plan

Drawn By:	Date:	Drawing Number:
m. reilly	12/1/2023	BA052

Project No.:
234903-23001



1 Third Floor Key Plan
1/16" = 1'-0"

General Notes - Applies to all Drawings

A. DO NOT SCALE DRAWINGS TO OBTAIN DIMENSIONS.

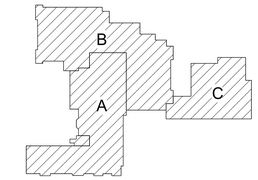
B. TAKE FIELD MEASUREMENTS TO FIT THE WORK PROPERLY. VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD.

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.



Key Plan
N.T.S.

N

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

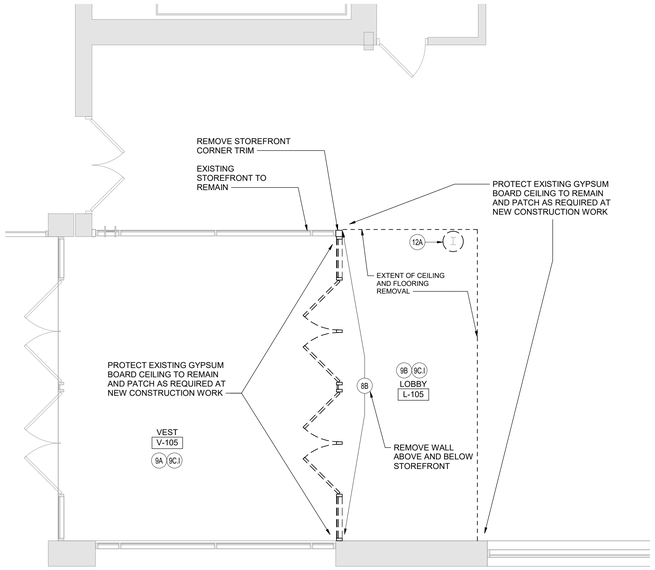
Dobbs Ferry Union Free School District
Dobbs Ferry, New York

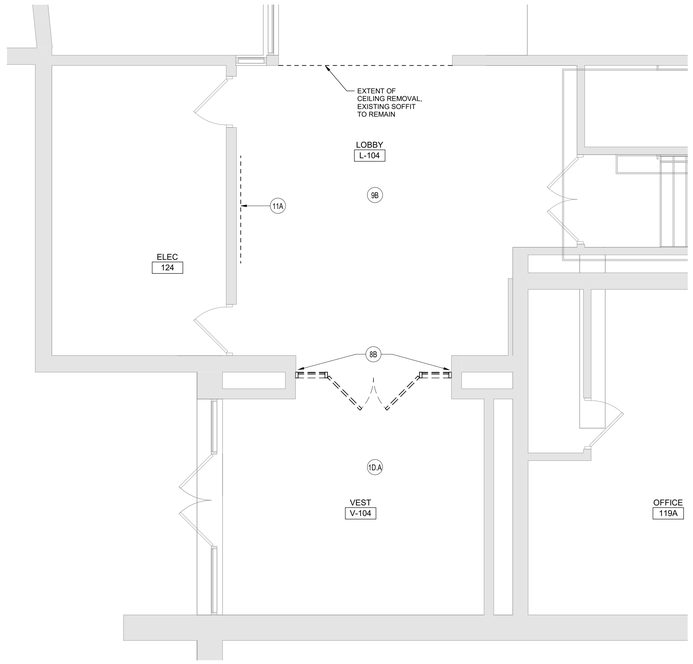
Reconstruction to:
Dobbs Ferry Middle / High School

Third Floor Key Plan

Drawn By:	Date:	Drawing Number:
m. reilly	12/1/2023	BA053

Project No.:
234903-23001





Demolition Key Notes

1B REMOVE INTERIOR PARTITION FULL-HEIGHT, PORTION AS INDICATED OR AS REQUIRED TO PERFORM SCHEDULED WORK. EXISTING STRUCTURE TO REMAIN.

1C REMOVE EXTERIOR PARTITION, PORTION AS INDICATED OR REQUIRED TO PERFORM SCHEDULED WORK. SEE STRUCTURAL DRAWINGS FOR LINTEL INFORMATION.

1D REMOVE FLOOR ASSEMBLY (INCLUDING FLOOR FINISH AND MASTIC), PORTION INDICATED OR REQUIRED TO PERFORM SCHEDULED WORK.

SUFFIX KEY (EXG FLOOR FINISH IDENTIFICATIONS):
- A. CARPET.
- B. CERAMIC FLOOR TILE.
- C. CONCRETE (NATURAL OR SEALED OR STAINED OR PAINTED FINISHES).
- D. LINOLEUM, SHEET OR TILE.
- E. PORCELAIN TILE.
- F. POURED EPOXY.
- G. RUBBER FLOORING.
- H. TERRAZZO.
- I. VAT/VCT.
- J. VINYL, SHEET.
- K. WOOD FLOORING.

8B REMOVE WINDOW, STOREFRONT AND DOORS COMPLETELY. PREPARE OPENING TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES.

8C REMOVE DOOR AND FRAME COMPLETELY. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. PREPARE OPENING FOR SCHEDULED WORK.

8D REMOVE HARDWARE ONLY - EXISTING DOOR AND FRAME TO REMAIN. INSTALL METAL PLATES OVER HINGE CUTOUTS, AND FILL ALL VOIDS IN FRAME FLUSH. PATCH, PREPARE AND PAINT FRAME TO REMAIN.

8E REMOVE SKYLIGHT SYSTEM COMPLETELY. SEE BA190 FOR DECK INFILL INFORMATION. PREPARE SURFACES FOR SCHEDULED WORK.

8F REMOVE GLAZING FROM EXISTING TO REMAIN WINDOW SYSTEM. CAREFULLY REMOVE GLAZING STOPS, ETC. AS REQUIRED TO REMOVE GLAZING. SALVAGE FOR REINSTALLATION ANY WINDOW FRAME ITEMS REQUIRED TO BE REMOVED TO REMOVE GLAZING. REMOVE AND SALVAGE FOR REINSTALLATION EXISTING EXTERIOR PROTECTIVE SCREEN.

9A REMOVE CEILING SYSTEM AND/OR SOFFIT SYSTEM IN ITS ENTIRETY.

9B REMOVE PORTION OF CEILING SYSTEM AND/OR SOFFIT SYSTEM, TO EXTENT REQUIRED TO PERFORM NEW WORK. CAREFULLY TRIM CEILING GRID TO REMAIN.

9C.X REMOVE FLOOR FINISH, MASTIC AND WALL BASE TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. AT ALL AREAS OF FLOOR REMOVAL, LEVEL SLAB WITH ADJACENT SLABS AT LOCATIONS SCHEDULED TO RECEIVE FLOOR FINISH. INCLUDE CONCRETE FLOOR PATCHING AND LEVELING MATERIALS TO MAKE SURFACE LEVEL. PREPARE FOR FINISH. PATCH AREAS OF WALLS TO REMAIN THAT WERE DAMAGED BY REMOVAL OF WALL BASE.

SUFFIX KEY (FLOOR FINISH IDENTIFICATIONS):
- A. CARPET.
- B. CERAMIC FLOOR TILE.
- C. CONCRETE (NATURAL OR SEALED OR STAINED OR PAINTED).
- D. LINOLEUM, SHEET OR TILE.
- E. PORCELAIN TILE.
- F. POURED EPOXY.
- G. RUBBER FLOORING.
- H. TERRAZZO.
- I. VAT/VCT.
- J. VINYL, SHEET.
- K. WOOD FLOORING.

9D REMOVE WOOD FINISHED FLOOR SYSTEM BELOW EXISTING VCT.

9E REMOVE WALL BASE AND ASSOCIATED MASTIC ONLY - EXISTING FLOOR FINISH TO REMAIN. PATCH AREAS OF WALLS TO REMAIN THAT WERE DAMAGED BY REMOVAL OF WALL BASE.

9F REMOVE PAINTED FINISH (INCLUDING RUST AND DEBRIS) ONLY TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK - EXISTING WALLS TO REMAIN. PREPARE SURFACE FOR FINISH AND PAINT.

9G REMOVE TEACHING SURFACES INCLUDING MARKER BOARDS, TACK BOARDS AND CHALK BOARDS. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES.

9H REMOVE AND SALVAGE PORTION OF CEILING AS REQUIRED TO PERFORM SCHEDULED WORK. REINSTALL CEILING AFTER WORK IS COMPLETE.

10A REMOVE TOILET AND BATH ACCESSORIES. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK.

11A REMOVE CASEWORK, SHELVING AND EQUIPMENT IN ITS ENTIRETY. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. COORDINATE WITH CASEWORK DRAWINGS.

11B REMOVE ALL WOOD WALL TRIM FROM EXISTING WALLS. PROTECT FROM DAMAGE EXISTING WOOD DOOR TRIM TO REMAIN.

12A REMOVE COLUMN COVER IN ITS ENTIRETY.

12B REMOVE WALL TILE AND SETTING BED FROM WALL. PREPARE SURFACES TO RECEIVE NEW WALL FINISH.

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.

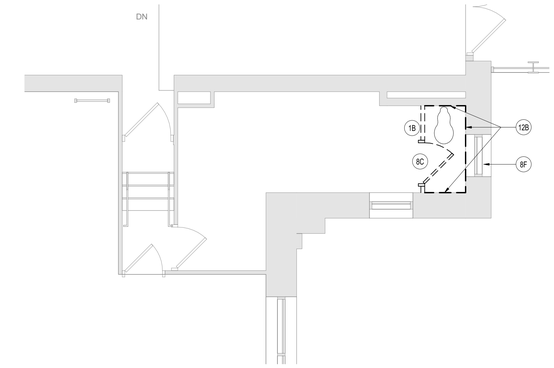
2. DEMOLITION TAGS PLACED IMMEDIATELY ON OR ADJACENT TO A DASHED LINE INDICATING ITEM REMOVAL OR THAT HAVE A LEADER POINTING TO SPECIFIC ITEM(S) REFER TO DEMOLITION OF THAT SPECIFIC ITEM ONLY OF THAT TYPE WITHIN THAT SPACE.

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.

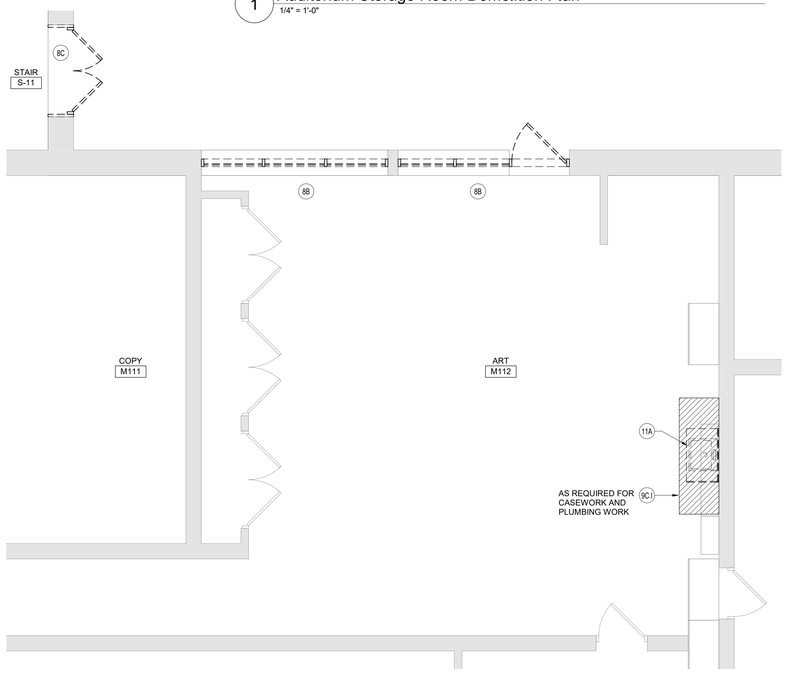
C. WHEN AN ITEM IS INDICATED TO BE DEMOLISHED REMOVE ALL ASSOCIATED COMPONENTS AS PART OF THAT WORK.

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.

E. PATCH TO MATCH ALL EXISTING TO REMAIN ITEMS AFFECTED BY ADJACENT DEMOLISHED ITEMS.



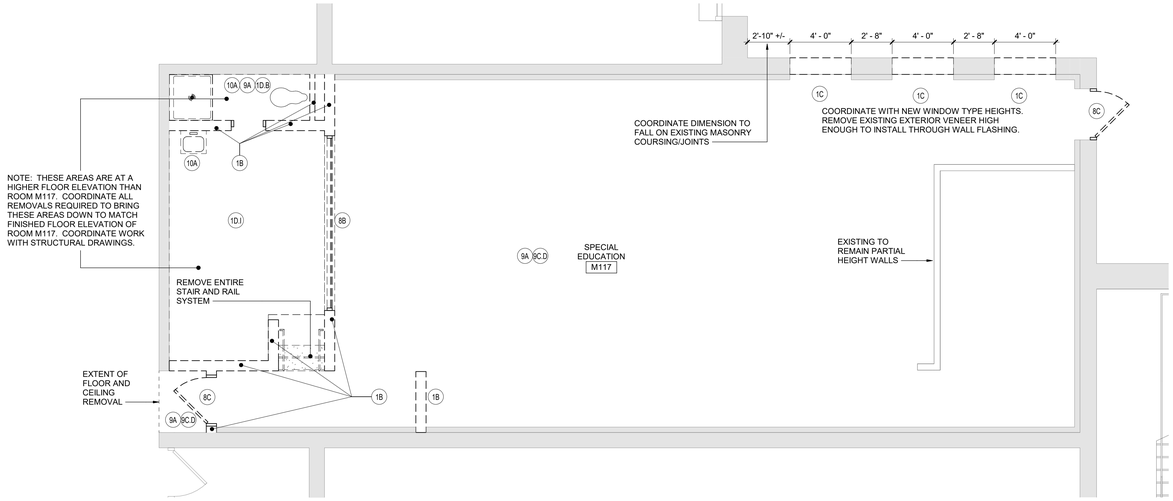
1 Auditorium Storage Room Demolition Plan
1/4" = 1'-0"



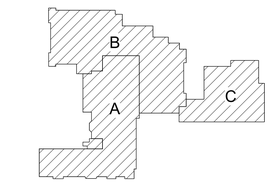
2 Art M112 Demolition Plan
1/4" = 1'-0"

3 Middle School Entrance Demolition Plan
1/4" = 1'-0"
WORK BY ALTERNATE MHS-01

4 High School Entrance Demolition Plan
1/4" = 1'-0"
WORK BY ALTERNATE MHS-02



5 Special Education Demolition Plan
1/4" = 1'-0"



Key Plan
N.T.S.

N

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

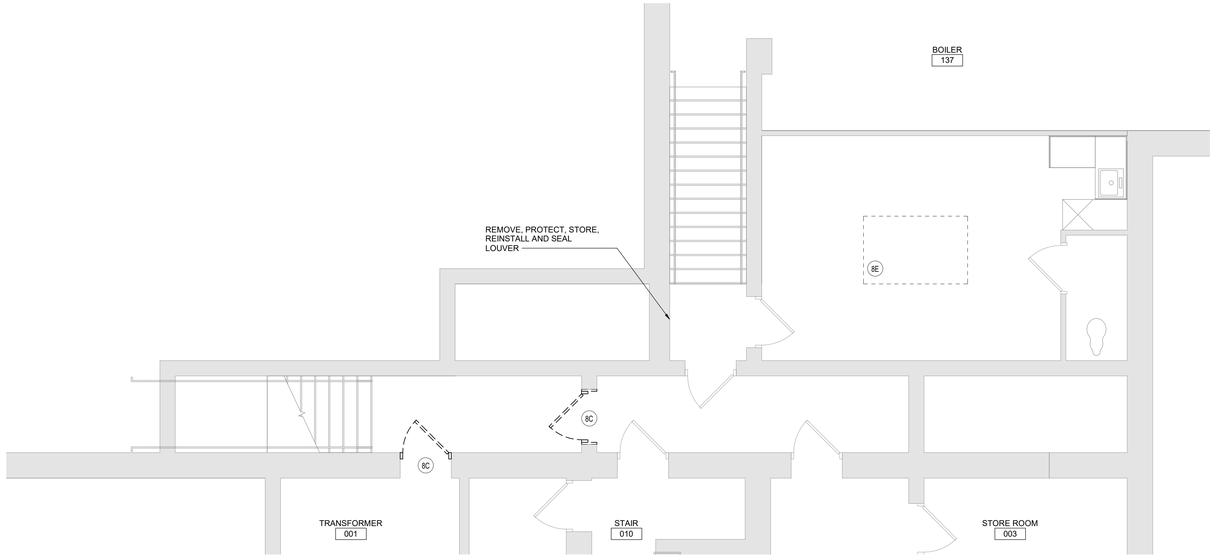
Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Dobbs Ferry Middle / High School

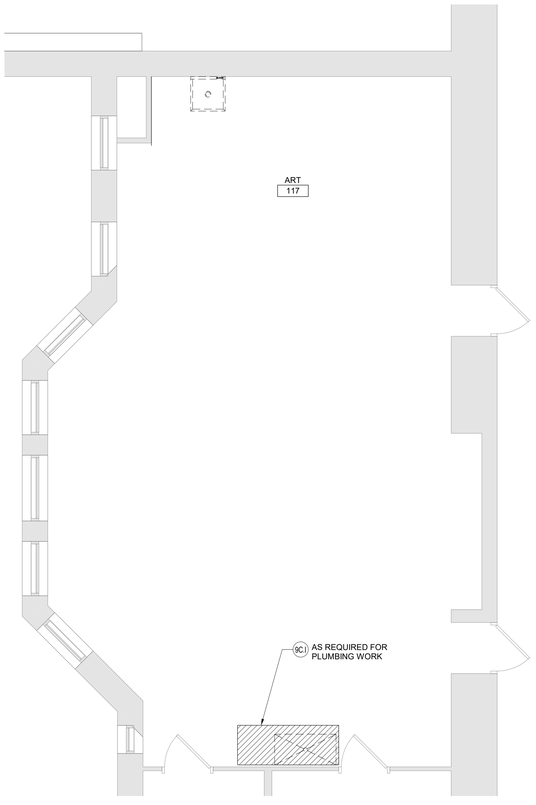
First Floor Demolition Plans

Drawn By:	Date:	Drawing Number:
m. reilly	12/1/2023	BA101

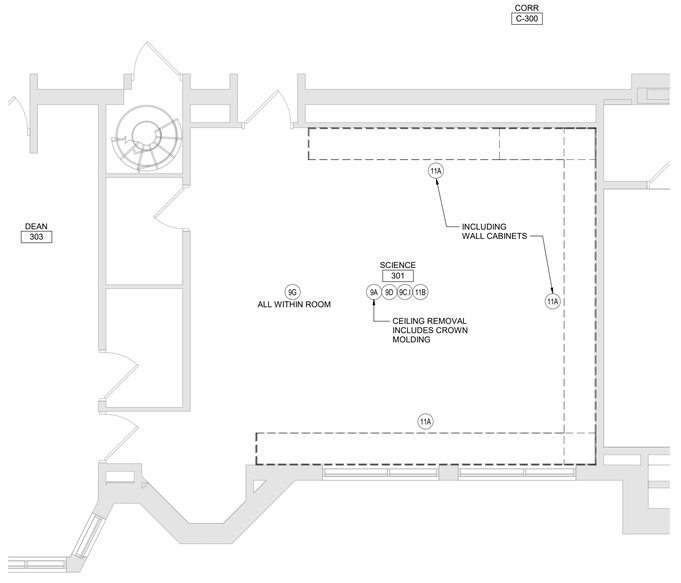
Project No.:
234903-23001



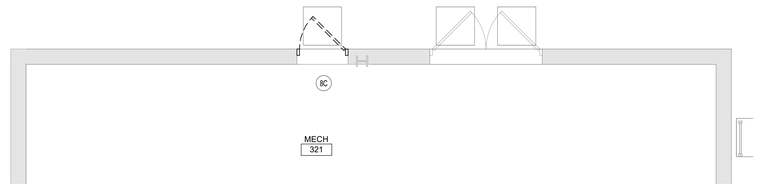
4 Basement Floor Demolition Plan
1/4" = 1'-0"



3 Art 117 Demolition Plan
1/4" = 1'-0"



1 Third Floor Demolition Plan
1/4" = 1'-0"



2 Third Floor Demolition Plan
1/4" = 1'-0"

Demolition Key Notes

1B REMOVE INTERIOR PARTITION FULL-HEIGHT, PORTION AS INDICATED OR AS REQUIRED TO PERFORM SCHEDULED WORK. EXISTING STRUCTURE TO REMAIN.

1C REMOVE EXTERIOR PARTITION, PORTION AS INDICATED OR REQUIRED TO PERFORM SCHEDULED WORK. SEE STRUCTURAL DRAWINGS FOR LINTEL INFORMATION.

1D REMOVE FLOOR ASSEMBLY (INCLUDING FLOOR FINISH AND MASTIC), PORTION INDICATED OR REQUIRED TO PERFORM SCHEDULED WORK.

SUFFIX KEY (EXG FLOOR FINISH IDENTIFICATIONS):
- A. CARPET.
- B. CERAMIC FLOOR TILE.
- C. CONCRETE (NATURAL OR SEALED OR STAINED OR PAINTED FINISHES).
- D. LINOLEUM, SHEET OR TILE.
- E. PORCELAIN TILE.
- F. POURED EPOXY.
- G. RUBBER FLOORING.
- H. TERRAZZO.
- I. VAT/VCT.
- J. VINYL, SHEET.
- K. WOOD FLOORING.

8B REMOVE WINDOW, STOREFRONT AND DOORS COMPLETELY. PREPARE OPENING TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES.

8C REMOVE DOOR AND FRAME COMPLETELY. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. PREPARE OPENING FOR SCHEDULED WORK.

8D REMOVE HARDWARE ONLY - EXISTING DOOR AND FRAME TO REMAIN. INSTALL METAL PLATES OVER HINGE CUTOUTS, AND FILL ALL VOIDS IN FRAME FLUSH. PATCH, PREPARE AND PAINT FRAME TO REMAIN.

8E REMOVE SKYLIGHT SYSTEM COMPLETELY. SEE BA190 FOR DECK INFILL INFORMATION. PREPARE SURFACES FOR SCHEDULED WORK.

8F REMOVE GLAZING FROM EXISTING TO REMAIN WINDOW SYSTEM. CAREFULLY REMOVE GLAZING STOPS, ETC. AS REQUIRED TO REMOVE GLAZING. SALVAGE FOR REINSTALLATION ANY WINDOW FRAME ITEMS REQUIRED TO BE REMOVED TO REMOVE GLAZING. REMOVE AND SALVAGE FOR REINSTALLATION EXISTING EXTERIOR PROTECTIVE SCREEN.

9A REMOVE CEILING SYSTEM AND/OR SOFFIT SYSTEM IN ITS ENTIRETY.

9B REMOVE PORTION OF CEILING SYSTEM AND/OR SOFFIT SYSTEM, TO EXTENT REQUIRED TO PERFORM NEW WORK. CAREFULLY TRIM CEILING GRID TO REMAIN.

9C.X REMOVE FLOOR FINISH, MASTIC AND WALL BASE TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. AT ALL AREAS OF FLOOR REMOVAL, LEVEL SLAB WITH ADJACENT SLABS AT LOCATIONS SCHEDULED TO RECEIVE FLOOR FINISH. INCLUDE CONCRETE FLOOR PATCHING AND LEVELING MATERIALS TO MAKE SURFACE LEVEL. PREPARE FOR FINISH. PATCH AREAS OF WALLS TO REMAIN THAT WERE DAMAGED BY REMOVAL OF WALL BASE.

SUFFIX KEY (FLOOR FINISH IDENTIFICATIONS):
- A. CARPET.
- B. CERAMIC FLOOR TILE.
- C. CONCRETE (NATURAL OR SEALED OR STAINED OR PAINTED).
- D. LINOLEUM, SHEET OR TILE.
- E. PORCELAIN TILE.
- F. POURED EPOXY.
- G. RUBBER FLOORING.
- H. TERRAZZO.
- I. VAT/VCT.
- J. VINYL, SHEET.
- K. WOOD FLOORING.

9D REMOVE WOOD FINISHED FLOOR SYSTEM BELOW EXISTING VCT.

9E REMOVE WALL BASE AND ASSOCIATED MASTIC ONLY - EXISTING FLOOR FINISH TO REMAIN. PATCH AREAS OF WALLS TO REMAIN THAT WERE DAMAGED BY REMOVAL OF WALL BASE.

9F REMOVE PAINTED FINISH (INCLUDING RUST AND DEBRIS) ONLY TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK - EXISTING WALLS TO REMAIN. PREPARE SURFACE FOR FINISH AND PAINT.

9G REMOVE TEACHING SURFACES INCLUDING MARKER BOARDS, TACK BOARDS AND CHALK BOARDS. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES.

9H REMOVE AND SALVAGE PORTION OF CEILING AS REQUIRED TO PERFORM SCHEDULED WORK. REINSTALL CEILING AFTER WORK IS COMPLETE.

10A REMOVE TOILET AND BATH ACCESSORIES. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK.

11A REMOVE CASEWORK, SHELVING AND EQUIPMENT IN ITS ENTIRETY. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. COORDINATE WITH CASEWORK DRAWINGS.

11B REMOVE ALL WOOD WALL TRIM FROM EXISTING WALLS. PROTECT FROM DAMAGE EXISTING WOOD DOOR TRIM TO REMAIN.

12A REMOVE COLUMN COVER IN ITS ENTIRETY.

12B REMOVE WALL TILE AND SETTING BED FROM WALL. PREPARE SURFACES TO RECEIVE NEW WALL FINISH.

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.

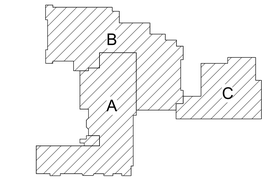
2. DEMOLITION TAGS PLACED IMMEDIATELY ON OR ADJACENT TO A DASHED LINE INDICATING ITEM REMOVAL OR THAT HAVE A LEADER POINTING TO SPECIFIC ITEM(S) REFER TO DEMOLITION OF THAT SPECIFIC ITEM ONLY OF THAT TYPE WITHIN THAT SPACE.

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.

E. PATCH TO MATCH ALL EXISTING TO REMAIN ITEMS AFFECTED BY ADJACENT DEMOLISHED ITEMS.



Key Plan
N.T.S.

N

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

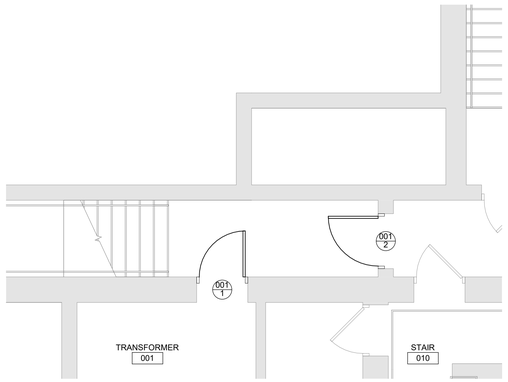
Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Dobbs Ferry Middle / High School

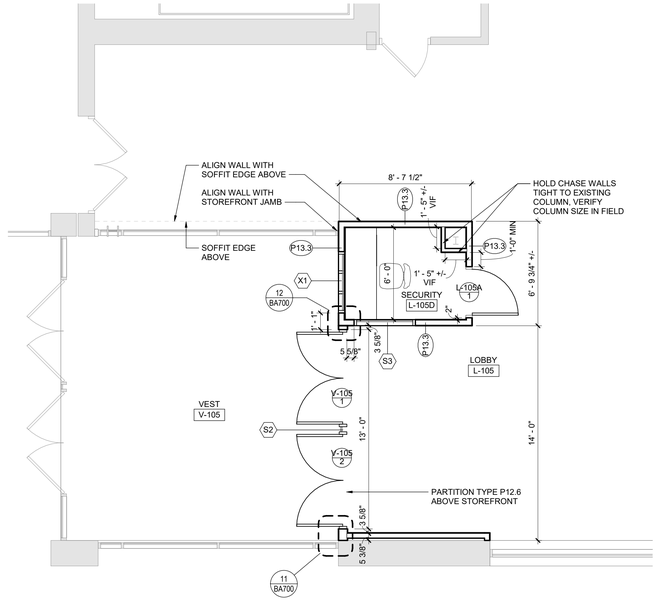
Basement, First, Second and Third Floor Demolition Plans

Drawn By:	Date:	Drawing Number:
m. reilly	12/1/2023	BA102

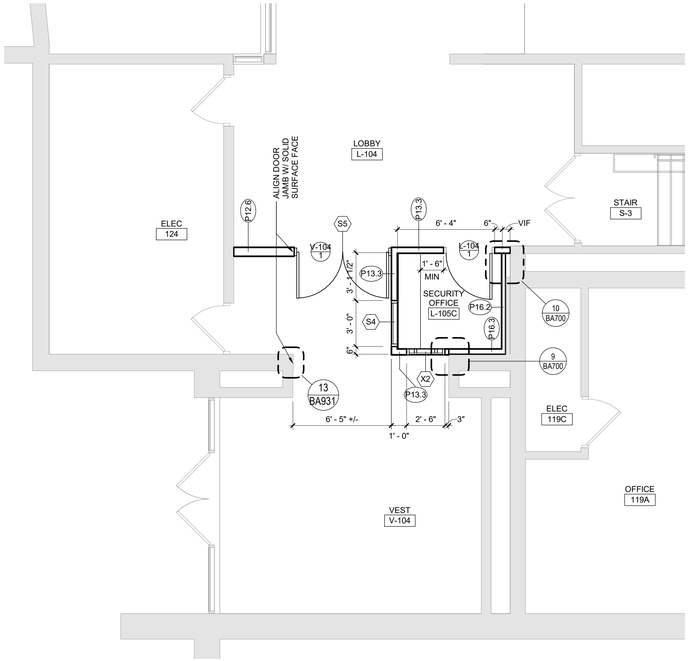
Project No.: 234903-23001



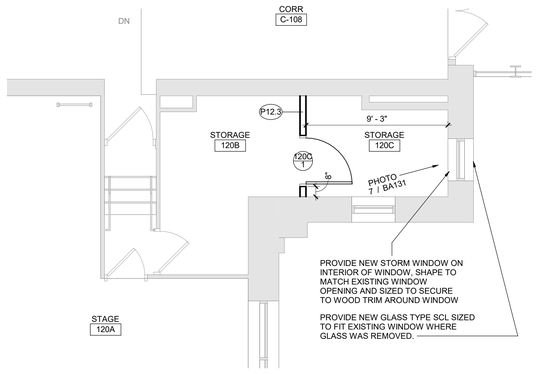
5 Basement Floor Plan
1/4" = 1'-0"



3 First Floor Plan - HS Office
1/4" = 1'-0"
WORK BY ALTERNATE MHS-02



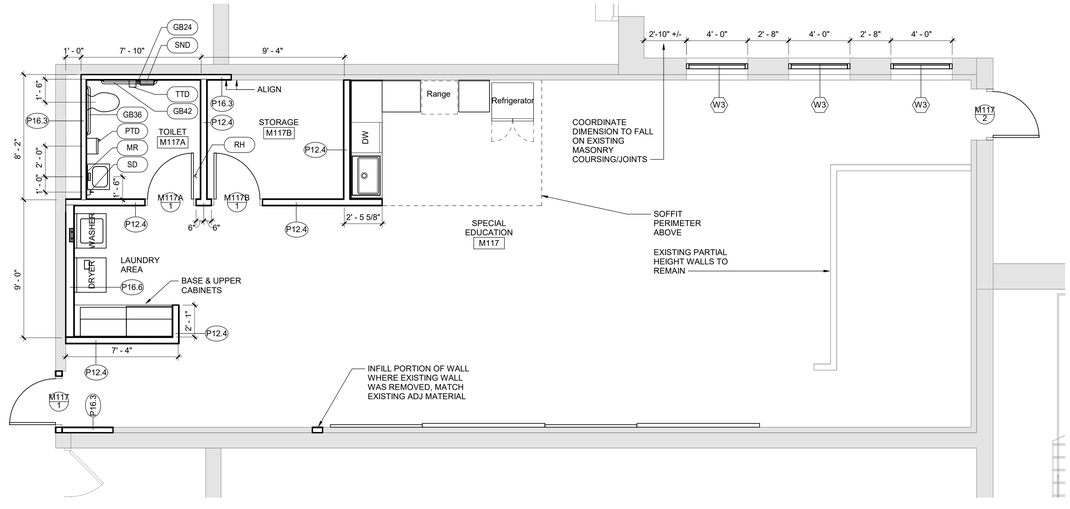
1 First Floor Plan - MS Office
1/4" = 1'-0"
WORK BY ALTERNATE MHS-01



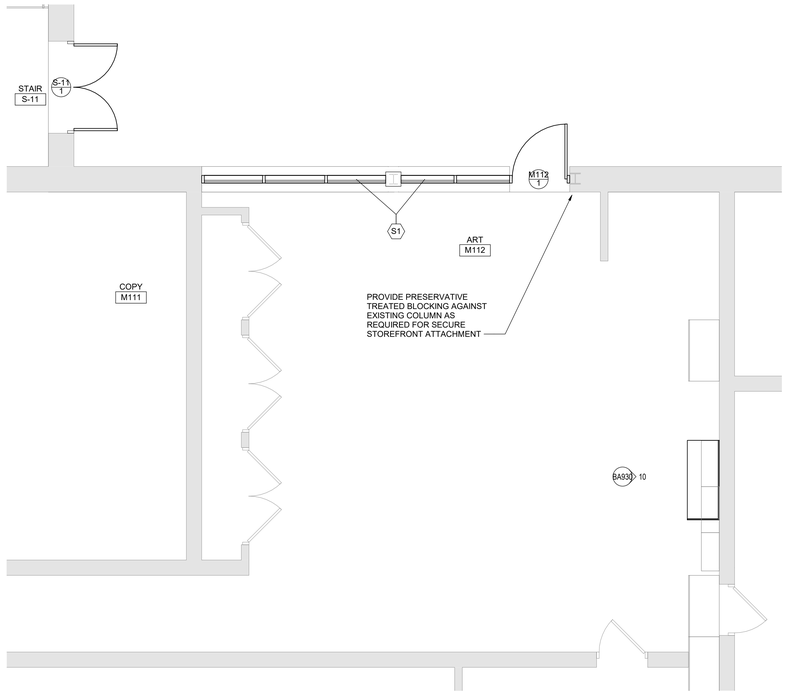
6 First Floor Plan - Aud Storage
1/4" = 1'-0"



7 Storage 120C Window
3/4" = 1'-0"



4 First Floor Plan - Special Ed
1/4" = 1'-0"



2 First Floor Plan - Art Room
1/4" = 1'-0"

General Plan Notes

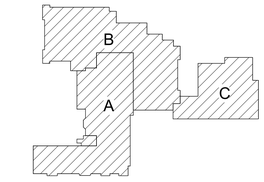
A. WHERE EXISTING CONSTRUCTION IS DAMAGED OR DISTURBED, PATCH AS REQUIRED TO RESTORE SURFACES TO THEIR ORIGINAL CONDITION.

B. PARTITION TYPE TAGS APPLY TO ENTIRE LENGTH OF WALL INDICATED BY THAT TAG, REGARDLESS OF OPENINGS WITHIN THAT WALL, TYPICAL UNLESS NOTED OTHERWISE.

General Toilet Room Notes

A. DIMENSION CONVENTIONS, UNLESS NOTED OTHERWISE, ARE AS FOLLOWS:

1. DIMENSIONS INDICATED FOR PLUMBING FIXTURE CENTERLINES ARE MEASURED FROM FACE OF WALL FINISH.



Key Plan
N.T.S.

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

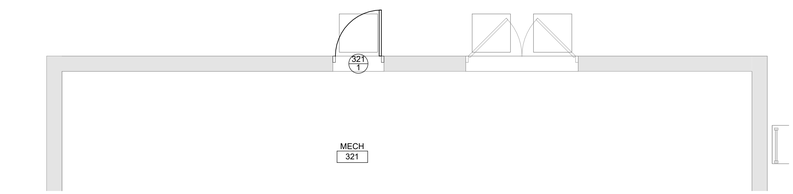
TETRA TECH
ARCHITECTS & ENGINEERS

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

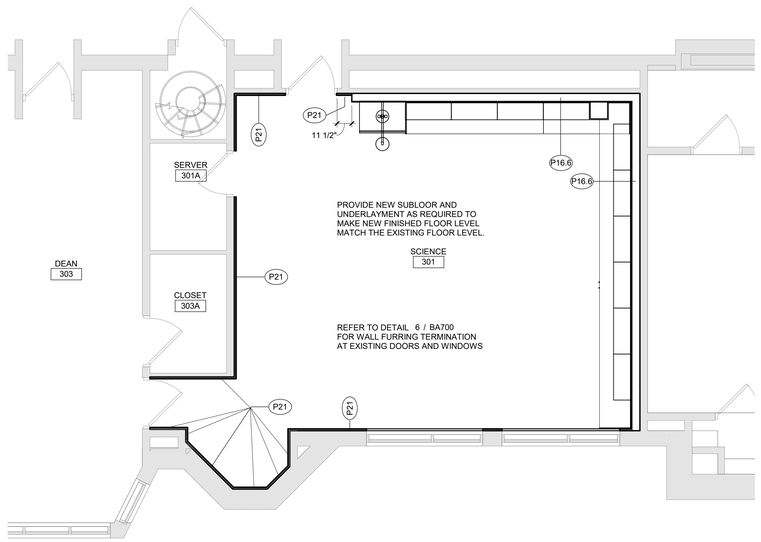
Reconstruction to:
Dobbs Ferry Middle / High School

Partial Floor Plans

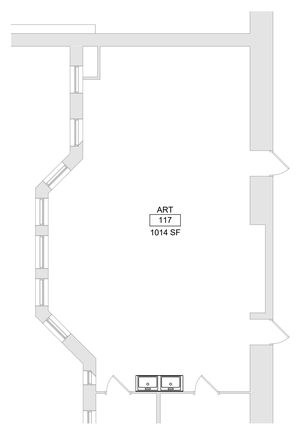
Drawn By:	Date:	Drawing Number:
m. reilly	12/1/2023	BA131
Project No.: 234903-23001		



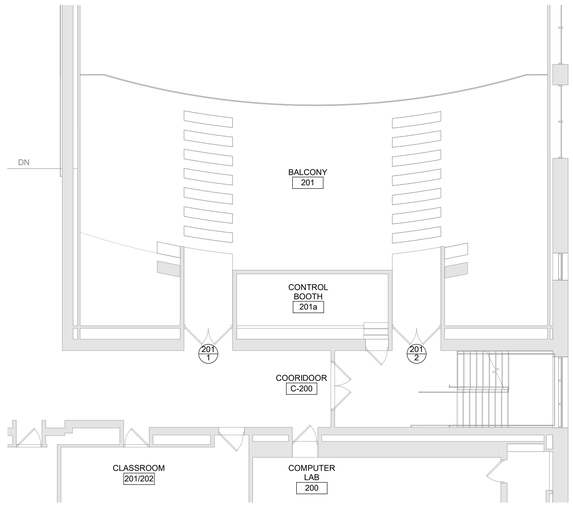
3 Third Floor Plan
1/4" = 1'-0"



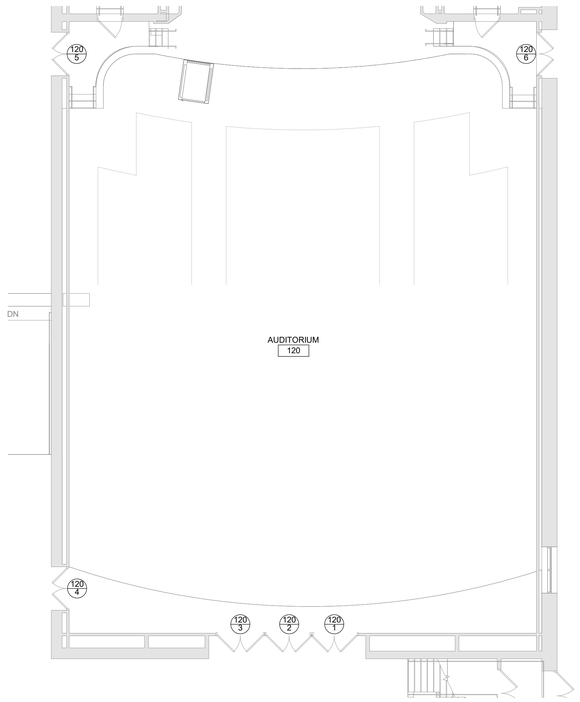
4 3rd Floor Science Room
1/4" = 1'-0"



5 First Floor Plan - Auditorium Plan
1/8" = 1'-0"



1 Second - Floor Plan
1/8" = 1'-0"

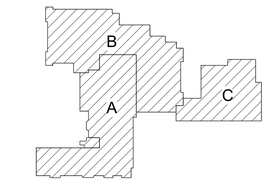


2 First Floor Plan - Auditorium Plan
1/8" = 1'-0"

General Plan Notes

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

B. PARTITION TYPE TAGS APPLY TO ENTIRE LENGTH OF WALL INDICATED BY THAT TAG, REGARDLESS OF OPENINGS WITHIN THAT WALL, TYPICAL UNLESS NOTED OTHERWISE.



Key Plan
N.T.S.

N

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

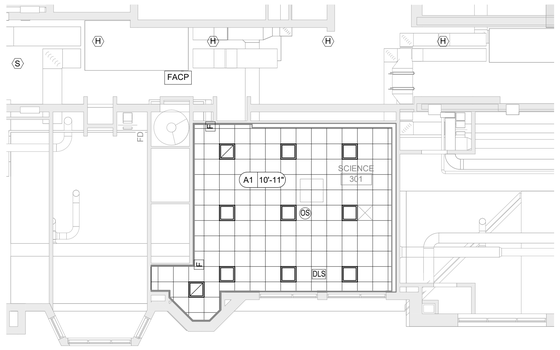
Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Dobbs Ferry Middle / High School

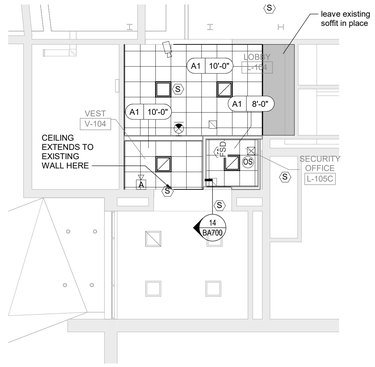
Partial Floor Plans

Drawn By:	Date:	Drawing Number:
m. reilly	12/1/2023	BA132

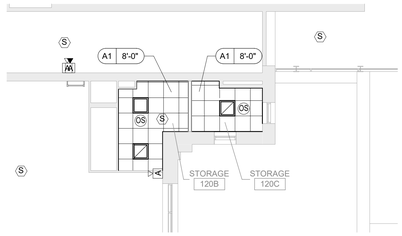
Project No.:
234903-23001



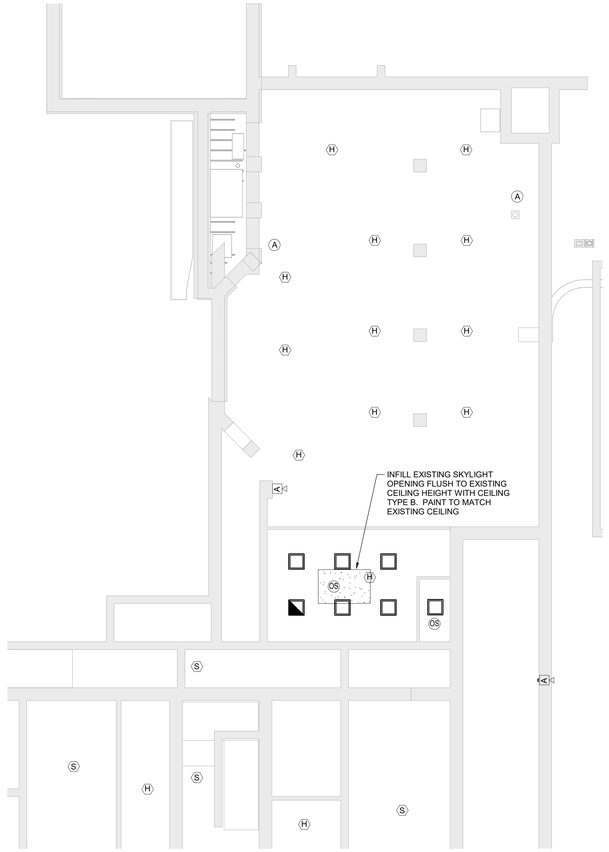
6 3rd Floor Ceiling Plan
1/8" = 1'-0"



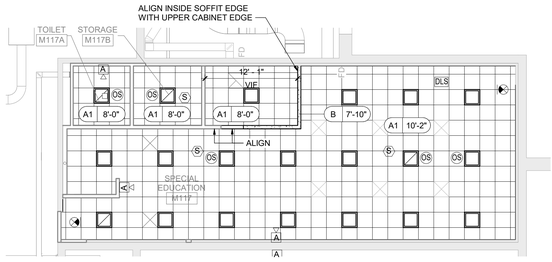
3 First Floor - Reflected Ceiling Plan, By Alternate MHS-01
1/8" = 1'-0"



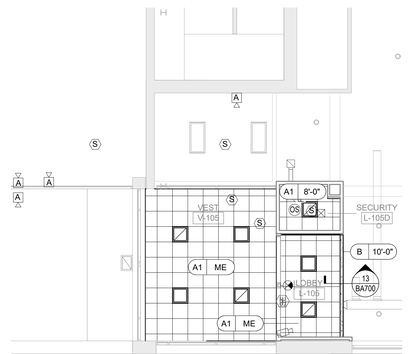
4 First Floor - Reflected Ceiling Plan
1/8" = 1'-0"



1 Basement - Reflected Ceiling Plan
1/8" = 1'-0"



5 First Floor - Reflected Ceiling Plan
1/8" = 1'-0"



2 First Floor - Reflected Ceiling Plan, By Alternate MHS-02
1/8" = 1'-0"

General Ceiling Notes

A. LIGHTING AND OTHER CEILING-MOUNTED FIXTURES ARE SHOWN FOR DRAWING CLARITY. COORDINATE ALL CEILING WORK PRIOR TO INSTALLATION OF CEILING GRID.

B. CEILING HEIGHT IS 9'-0" ABOVE FINISHED FLOOR (UNO).

C. CENTER CEILING-MOUNTED ITEMS (LIGHTS, GRILLES, DETECTORS, SPRINKLER HEAD, ETC) WITHIN THE CEILING PANELS AND GRIDS UNLESS THE PANELS ARE SCORED. CENTER TEMS WITHIN THE PATTERN OF SCORED PANELS.

D. PROVIDE EXPANSION JOINT (EJ) COVERS IN CEILINGS AND SOFFITS AT EJ LOCATIONS.

E. PROVIDE CONTROL JOINTS IN GYPSUM BOARD CEILINGS AND SOFFITS AS DETAILED ON DRAWINGS (MAXIMUM 20'-0" OC, EVENLY SPACED, TYP UNO).

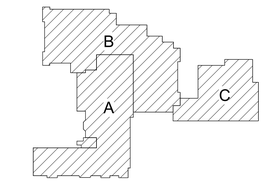
F. PATCH CEILING SYSTEMS TO REMAIN THAT HAVE BEEN DISTURBED BY SCHEDULED WORK TO MATCH ADJACENT ONSTRUCTION PRIOR TO PAINTING.

G. (X | 9'-0") DESIGNATES BOTTOM OF CEILING ABOVE FINISHED FLOOR AT THAT POINT UNO. DESIGNATION "ME" INDICATES MATCH EXISTING CEILING HEIGHT.

Ceiling Types

(A1 | X'-X") ACOUSTIC PANEL CEILING

(B | X'-X") PAINTED 5/8" GYPSUM CEILING ON SUPPORT MATERIALS (GRID SUSPENSION SYSTEM, TYP UNO)



Key Plan
N.T.S.

N

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

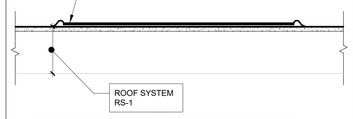
Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Dobbs Ferry Middle / High School

Reflected Ceiling Plans

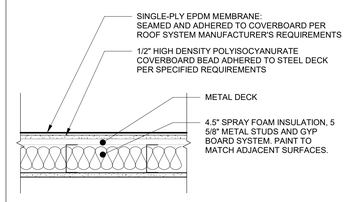
Drawn By:	Date:	Drawing Number:
m. reilly	12/1/2023	BA160

Project No.:
234903-23001



NOTE: PROVIDE WALKWAY PADS ON ROOF WHERE SHOWN ON PLAN.

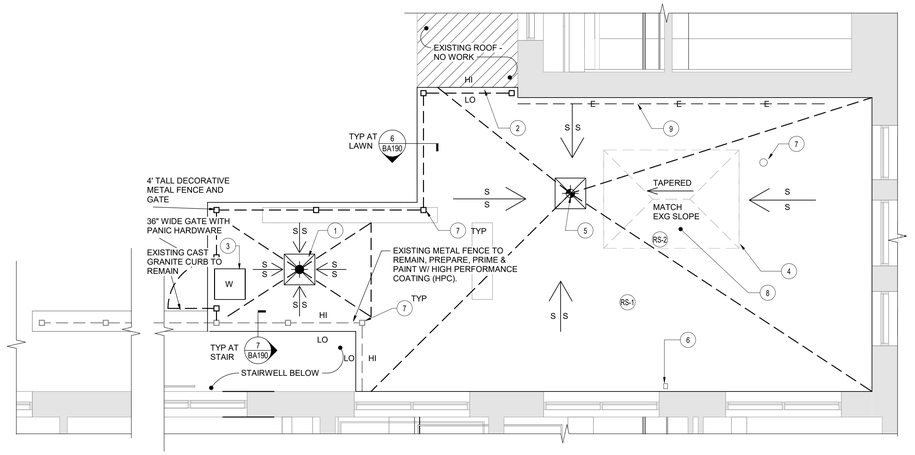
12 Walkway Pad Detail
1 1/2" = 1'-0"



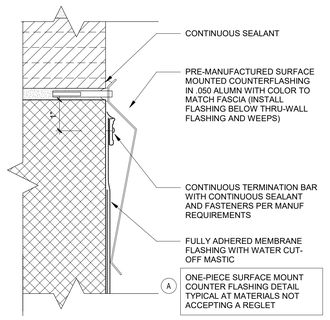
NOTE - PROVIDE TAPERED INSULATION AS REQUIRED TO MATCH EXISTING SLOPE AND ELEVATION, VIF

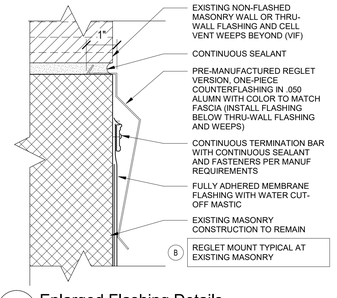
THERMAL VALUE = R2.5 ABOVE ROOF + R27.5 BELOW ROOF TOTAL = R30

1 Roof System RS-2
1 1/2" = 1'-0"

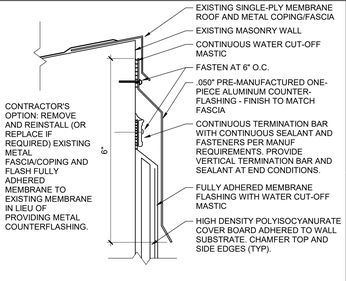


4 Roof Plan
1/4" = 1'-0"



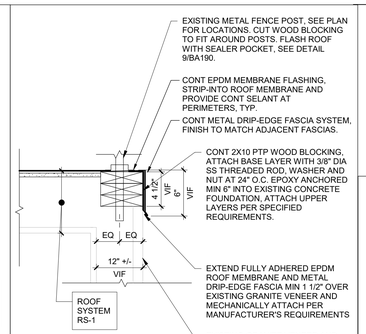


10 Enlarged Flashing Details
6" = 1'-0"

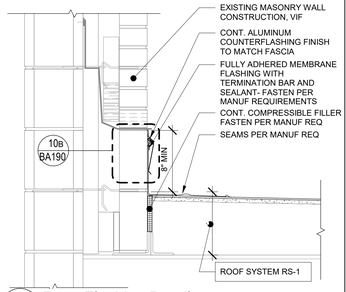


CONTRACTOR'S OPTION: REMOVE AND REINSTALL (OR REPLACE IF REQUIRED) EXISTING METAL FASCIA/COPING AND FLASH FULLY ADHERED MEMBRANE TO EXISTING MEMBRANE IN LIEU OF PROVIDING METAL COUNTERFLASHING.

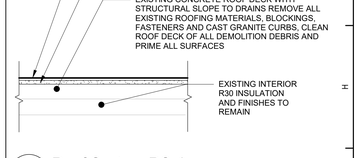
11 Roof Transition Detail
6" = 1'-0"



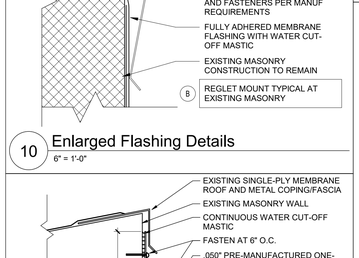
7 Roof Edge Detail at Stairwell
1 1/2" = 1'-0"



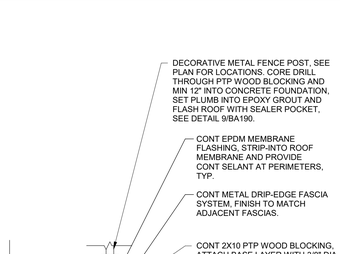
5 Base Flashing Detail
1 1/2" = 1'-0"



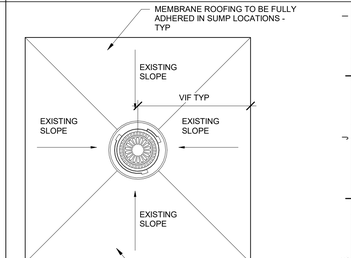
2 Roof System RS-1
1 1/2" = 1'-0"



8 Roof Vent Pipe Detail
1 1/2" = 1'-0"



6 Roof Edge Detail at Lawn
1 1/2" = 1'-0"



PLAN VIEW SCALE: 3/4" = 1'-0"

SEE PLUMBING DRAWINGS, COORDINATE WITH OTHER PRIME CONTRACTORS

3 Roof Drain Detail
1 1/2" = 1'-0"

Roof Key Notes

1. PROVIDE ROOF DRAIN AT NEW LOCATION. SEE DETAIL 3/BA190. SEE PLUMBING DRAWINGS. COORDINATE WITH OTHER PRIME CONTRACTORS.
2. ROOF TRANSITION DETAIL (TYP). HEIGHT AS REQUIRED TO ACCOMMODATE ROOF LAYOUT INDICATED. SEE DETAIL 11/BA190. EXTEND MEMBRANE VERTICAL AND TERMINATE BELOW EXISTING FASCIA.
3. ADHERED WALKWAY PAD (TYP). SEE DETAIL 12/BA190.
4. REMOVE EXISTING SKYLIGHT AND CURB, PROVIDE ROOF DECK OPENING INFILL. SEE DETAIL 13/BA190.
5. PROVIDE ROOF DRAIN REPLACEMENT AT EXISTING ROOF DRAIN LOCATION. SEE DETAIL 3/BA190. SEE PLUMBING DRAWINGS. COORDINATE WITH OTHER PRIME CONTRACTORS.
6. RIGID PIPE PENETRATION. SEE DETAIL 8/BA190.
7. CONDUIT OR FENCE POST PENETRATION, PROVIDE SEALER POCKET. SEE DETAIL 9/BA190.
8. PROVIDE TAPERED INSULATION AT SKYLIGHT OPENING INFILL TO MATCH SLOPE OF ADJACENT SURFACES TO PROVIDE POSITIVE SLOPE DRAIN.
9. EXISTING ELECTRICAL CONDUIT. REMOVE AND REINSTALL. SEE ELECTRICAL DRAWINGS. COORDINATE WITH OTHER PRIME CONTRACTORS.

Roof Legend

- AREA OF NO WORK
- NEW ROOF DRAIN ASSEMBLY AT NEW LOCATION (TYP). PROVIDE TAPERED SUMP. SEE ROOF KEY NOTES FOR LOCATIONS.
- REPLACE ROOF DRAIN ASSEMBLY AT EXISTING LOCATION. PROVIDE TAPERED SUMP. SEE ROOF KEY NOTES FOR LOCATIONS.
- S/S — DIRECTION OF DOWNWARD SLOPE OF SLOPED STRUCTURE.
- +"X" FLAT — TOTAL THICKNESS OF AREA OF FLAT INSULATION INCLUDING COVERBOARD.
- RS-X — ROOF SYSTEM TYPE RS-X.
- W — WALKWAY PADS (TYP).
- ●OR○ — PIPE PENETRATION (TYP).
- - - E - - — ELECTRICAL CONDUIT ATTACHED TO BASE/COUNTER FLASHING.
- EXISTING SKYLIGHT AND CURB TO BE REMOVED AND INFILLED.

General Re-Roofing Notes

A. DRAWINGS ARE REPRESENTATIVE, AND MAY NOT EXACTLY INDICATE ALL FIELD CONDITIONS.

B. VERIFY IN FIELD LOCATIONS OF ALL EXISTING ROOF DRAINS AND PENETRATIONS PRIOR TO FIRST SUBMITTALOF SHOP DRAWINGS.

C. INSPECT ROOF DECK PRIOR TO ROOFING INSTALLATION. VERIFY THAT EXISTING MATERIALS ARE SOLID AND SECURE. NOTIFY ARCHITECT IMMEDIATELY IF DETERIORATED OR LOOSE MATERIALS ARE DISCOVERED.

D. PROVIDE COMPLETE ROOFING INSTALLATION. REPAIR ALL ITEMS NOT SCHEDULED FOR WORK THAT ARE DAMAGED DURING ROOFING WORK.

E. MAINTAIN WATERTIGHT CONDITIONS AT ALL TIMES.

F. PROVIDE ROOFING SYSTEMS AND ALL RELATED COMPONENTS INDICATED BY THE CONTRACT DOCUMENTS.

G. WORK INCLUDES BUT IS NOT LIMITED TO REMOVAL OF ROOFING MATERIALS, INCLUDING MEMBRANE, INSULATION, BLOCKING, CANTS, FLASHING, FASCIA, UNDER- AND OVERLAYMENT BOARDS, VAPOR BARRIERS AND RELATED ITEMS DOWN TO ROOF DECK (UNO). THOROUGHLY CLEAN ROOF DECK OF ALL DEBRIS, PREPARE AND PRIME TO ACCEPT ROOFING MATERIALS INDICATED.

J. REMOVE AND LEGALLY DISPOSE OF ALL MATERIALS INDICATED FOR DEMOLITION.

K. REMOVE EXISTING MECHANICAL EQUIPMENT, SKYLIGHTS, HATCHES, PIPING, WIRING, CONDUITS AND MISCELLANEOUS ITEMS ON OR ADJACENT TO THE ROOF THAT IS IMPACTED BY SCHEDULED WORK (TYP, UNO). EXISTING CURBS SHALL BE BUILT WITH PRESERVATIVE-TREATED WOOD BLOCKING AS REQUIRED TO OBTAIN ROOFING WARRANTY SPECIFIED, BUT TO BE NOT LESS THAN MINIMUM 8" ABOVE FINISHED ROOF. EXTEND EXISTING DUCTWORK, PIPING AND ELECTRICAL CONNECTIONS AS REQUIRED, AND REINSTALL ALL EQUIPMENT AFTER ROOF INSTALLATION, MAKING PROPER MECHANICAL, ELECTRICAL AND PLUMBING CONNECTIONS. PROVIDE FOR TEMPORARY MECHANICAL, ELECTRICAL AND PLUMBING DISCONNECTS. COORDINATE SCHEDULING OF DISRUPTIONS WITH OWNER.

M. WOOD BLOCKING SHALL BE PRESERVATIVE-TREATED (PTP).

N. AT ROOF DRAIN LOCATIONS, REFER TO SPECIFIC NOTES ON ROOF PLANS AND REFERENCED DETAILS FOR WORK REQUIRED. BEFORE BEGINNING CONSTRUCTION, VERIFY ALL ROOF DRAINS ARE CLEAR AND IN WORKING ORDER. REPORT ANY OBSTRUCTIONS TO ARCHITECT AND OWNER PRIOR TO BEGINNING ROOF REMOVAL.

P. DO NOT DISTURB OR OVERBURDEN EXISTING ROOF AREAS THAT ARE NOT SCHEDULED FOR WORK. THIS INCLUDES HIGH FOOT TRAFFIC, POINTS OF ACCESS AND WORK PREPARATION AREAS. ALL WORK REQUIRED SHALL COMPLY WITH EXISTING ROOF SYSTEM MANUFACTURER'S WARRANTY REQUIREMENTS.

Q. MAINTAIN CONSTANT ROOF EDGE DATUM AND FASCIA HEIGHTS. BY ADJUSTING LAYERS AND THICKNESS OF CONTINUOUS WOOD BLOCKING (VIF).

R. ALL MATERIALS SHALL COMPLY WITH CHAPTER 15 OF THE 2020 BCNYS.

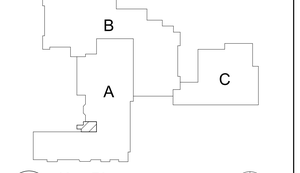
S. SEE STRUCTURAL LOAD NOTES FOR WIND SPEEND AND UPLIFT PRESSURES.

T. ADDITIONAL CONSTRUCTION ACTIVITIES MAY BE TAKING PLACE DURING THIS PROJECTS DURATION REQUIRING COORDINATION WITH THE DISTRICT AND OTHER PRIME CONTRACTORS.

Existing Conditions

1. THE FOLLOWING CONDITIONS WERE OBSERVED DURING TEST CUT ANALYSIS AT ALL AREAS INDICATED FOR ROOF REPLACEMENT. THE CONTRACTOR IS RESPONSIBLE TO VERIFY EXISTING CONDITIONS AND PROVIDE A COMPLETE REMOVAL OF ALL MATERIALS ABOVE THE ROOF DECK.

2. TYPICAL: (SEE ROOF PLAN)
- BUILT-UP ROOFING WITH COATING
- CONCRETE ROOF DECK



Key Plan
N.T.S.

N

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Dobbs Ferry Middle / High School

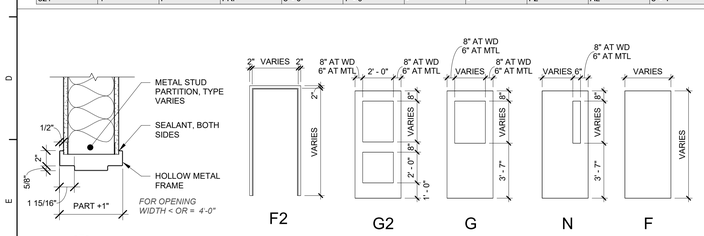
Roof Plan and Details

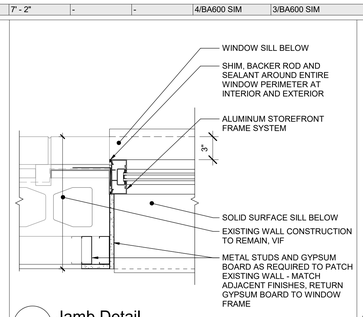
Drawn By:	Date:	Drawing Number:
m. reilly	12/1/2023	BA190

Project No.: 234903-23001

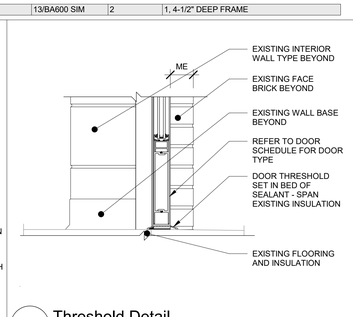
Door Schedule

ROOM NUMBER	DOOR NUMBER	DOOR TYPE	DOOR MATERIAL	DOOR WIDTH	DOOR HEIGHT	DOOR RATING	DOOR GLAZING	FRAME TYPE	FRAME MATERIAL	FRAME WIDTH	FRAME HEIGHT	FRAME RATING	FRAME GLAZING	HEAD	JAMB	SILL	HDW SET	REMARKS
BASEMENT																		
001	1	F	FRP	3' - 0"	7' - 0"	-	-	F2	AL	3' - 4"	7' - 2"	-	-	4/BA600 SIM	3/BA600 SIM	13/BA600 SIM	5	1
001	2	F	FRP	3' - 3"	7' - 0"	-	-	F2	AL	3' - 7"	7' - 2"	-	-	4/BA600 SIM	3/BA600 SIM	13/BA600 SIM	6	1
1st FLOOR																		
120	1	EXG-PR	EXG	3' - 0"	7' - 0"	-	-	EXG	EXG	6' - 4"	7' - 4"	-	-				14	5
120	2	EXG-PR	EXG	3' - 0"	7' - 0"	-	-	EXG	EXG	6' - 4"	7' - 4"	-	-				14	5
120	3	EXG-PR	EXG	3' - 0"	7' - 0"	-	-	EXG	EXG	6' - 4"	7' - 4"	-	-				14	5
120	4	EXG-PR	EXG	2' - 8"	7' - 0"	-	-	EXG	EXG	5' - 8"	7' - 4"	-	-				13	5
120	5	EXG-PR	EXG	2' - 8"	7' - 0"	-	-	EXG	EXG	5' - 8"	7' - 4"	-	-				13	5
120	6	EXG-PR	EXG	2' - 8"	7' - 0"	-	-	EXG	EXG	5' - 8"	7' - 4"	-	-				12	1, 6
120C	1	F	WD	3' - 0"	7' - 0"	-	-	F2	HM	3' - 4"	7' - 2"	-	-	H-13	J-13		7	
L-104	1	N	WD	3' - 0"	7' - 0"	20 MIN	FP	F2	HM	3' - 4"	7' - 2"	20 MIN	-	H-13	J-13		8	BY ALT. MHS-01
L-105A	1	N	WD	3' - 0"	7' - 0"	20 MIN	FP	F2	HM	3' - 4"	7' - 2"	20 MIN	-	H-13	J-13		9	BY ALT. MHS-02
M112	1	G	FRP	3' - 7"	7' - 11"	-	FCE/SCL	S1	AL	0"	0"	-	FCE/SCL	4/BA600	3/BA600 & 6/BA600	5&13/BA600 SIM	3	1, 6-1/2" DEEP FRAME
M117	1	N	WD	3' - 0"	7' - 0"	20 MIN	FP	F2	HM	3' - 4"	7' - 2"	20 MIN	-	H-13	J-13		10	
M117	2	F	FRP	3' - 0"	7' - 10"	-	-	F2	AL	3' - 4"	8' - 0"	-	-	4/BA600 SIM	3/BA600 SIM	13/BA600 SIM	3	1, 4-1/2" DEEP FRAME
M117A	1	F	WD	3' - 0"	7' - 0"	-	-	F2	HM	3' - 4"	7' - 2"	-	-	H-13	J-13		11	
M117B	1	F	WD	3' - 0"	7' - 0"	-	-	F2	HM	3' - 4"	7' - 2"	-	-	H-13	J-13		7	
S-11	1	G-PR	FRP	2' - 10"	7' - 11"	-	FCE/SCL	F2	AL	6' - 0"	8' - 1"	-	-	4/BA600 SIM	3/BA600 SIM	13/BA600 SIM	1	1, 7, 6-1/2" DEEP FRAME
V-104	1	G2-PR	AL	3' - 0"	7' - 0"	-	SCL	S5	AL	0"	0"	-	SCL	10/BA600	10/BA600 SIM		4	2, 3, 4, 4-1/2" DEEP FRAME, BY ALT. MHS-01
V-105	1	G2-PR	AL	3' - 0"	8' - 0"	-	SCL	S2	AL	0"	0"	-	SCL	10/BA600	11/BA700 & 12/BA700		4	2, 3, 4, 6-1/2" DEEP FRAME, BY ALT. MHS-02
V-105	2	G2-PR	AL	3' - 0"	8' - 0"	-	SCL	S2	AL	0"	0"	-	SCL	10/BA600	11/BA700 & 12/BA700		4	2, 3, 4, 6-1/2" DEEP FRAME, BY ALT. MHS-02
2nd FLOOR																		
201	1	EXG-PR	EXG	3' - 0"	7' - 0"	-	-	EXG	EXG	6' - 4"	7' - 4"	-	-	-	-	-	13	5
201	2	EXG-PR	EXG	3' - 0"	7' - 0"	-	-	EXG	EXG	6' - 4"	7' - 4"	-	-	-	-	-	13	5
3rd FLOOR																		
321	1	F	FRP	3' - 0"	7' - 0"	-	-	F2	AL	3' - 4"	7' - 2"	-	-	4/BA600 SIM	3/BA600 SIM	13/BA600 SIM	2	1, 4-1/2" DEEP FRAME

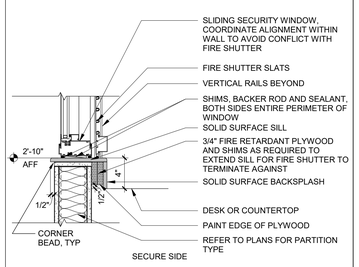




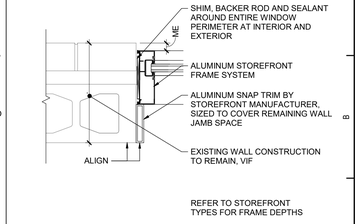
17 Jamb Detail
1 1/2" = 1'-0"



13 Threshold Detail
1 1/2" = 1'-0"



8 Fire Shutter Sill Detail
1 1/2" = 1'-0"



3 Jamb Detail
1 1/2" = 1'-0"

General Door Notes

A. HARDWARE ON DOORS FROM SPACES OF PUPIL OCCUPANCY SHALL BE A TYPE WHICH WILL ALWAYS PERMIT THE DOOR TO BE OPENED FROM THE INSIDE WITHOUT DIRECT MANIPULATION OF ANY TYPE LOCKING DEVICE.

B. METAL VISION PANEL TRIM SHALL BE PAINTED SAME COLOR AS DOOR FRAMES.

C. ALL DOOR HARDWARE FROM OCCUPIED SPACES SHALL BE OF A TYPE THAT WILL ALWAYS PERMIT THE DOOR TO BE OPENED FROM WITHIN THE SPACE WITHOUT USE OF A KEY.

D. ALL HM FRAMES IN METAL STUD WALLS SHALL BE FILLED WITH MINERAL WOOL INSULATION.

E. APPLY CONTINOUS JOINT SEALANT TO ALL JOINTS BETWEEN FRAMES AND WALLS, TYP ALL.

F. PAINT ALL HM DOORS AND FRAMES IN ACCORDANCE W/ SECTION 099100.

G. PROVIDE LINTELS AT ALL DOOR AND WINDOW OPENINGS IN ACCORDANCE WITH LINTEL SCHEDULE ON STRUCTURAL DWGS.

H. PROVIDE MARBLE THRESHOLDS AT ALL TOILET ROOMS WHERE ADJACENT FINISH IS CERAMIC TILE. REFER TO DET 1/BA931.

J. NOTE THAT DUE TO REQUIREMENTS IN THE BCNYS, SOME FIRE RESISTANCE RATINGS MAY DIFFER BETWEEN DOORS (AND ITS GLASS, IF ANY) AND THAT DOOR'S FRAME ESPECIALLY IF THAT FRAME HAS GLASS (SIDELITES; TRANSOMS; ETC).

K. PROVIDE DOOR UNDERCUTS AS REQUIRED TO COORDINATE WITH SCHEDULED FLOOR FINISHES AT BOTH NEW AND EXISTING DOORS.

General Window Notes

A. INSULATING GLASS UNITS SHALL BE TYPE FCE/SCL, TYP UNO.

B. RESCUE WINDOWS ARE INDICATED BY THE DESIGNATION "RW".

C. PROVIDE ALL ALUMINUM FLASHINGS, RECEIVERS, TRIM AND SILLS REQUIRED FOR A COMPLETE AND FINISHED INSTALLATION REGARDLESS OF IF SHOWN ON DRAWINGS.

D. REFER TO WINDOW TREATMENTS AS SHOWN ON DRAWINGS.

E. GLAZING SYSTEMS FRAME TYPE KEY:

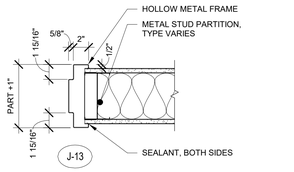
F	HOLLOW METAL
S	ALUMINUM STOREFRONT
W	ALUMINUM WINDOW
X	SECURITY WINDOW

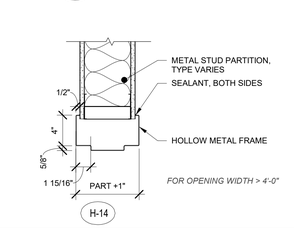
F. PROVIDE INTERNAL STEEL REINFORCEMENT TO WINDOW, STOREFRONT AND CURTAIN WALL SYSTEMS AS REQUIRED TO COMPLY WITH WIND LOADING OR OTHER DESIGN CRITERIA, OR AS RECOMMENDED BY MANUFACTURER,

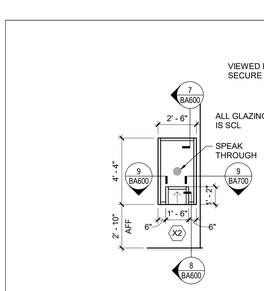
G. ALUMINUM WINDOW, STOREFRONT AND CURTAIN WALL FRAME EXTRUSIONS ARE INTENDED AS GENERIC GRAPHIC REPRESENTATIONS ONLY.

DOOR SCHEDULE NOTES:

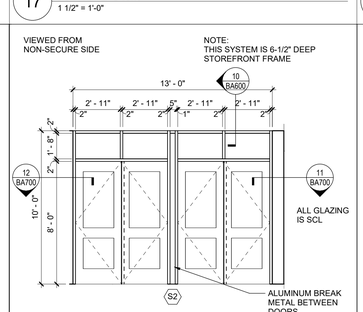
1. FIELD VERIFY ALL ROUGH OPENING DIMENSIONS AND MODIFY FRAME AND DOOR DIMENSIONS TO FIT OPENINGS.
2. REMOVABLE MULLION
3. SEE FRAME TYPE ELEVATION FOR FRAME DIMENSIONS
4. ELECTRIFIED HARDWARE
5. DOOR AND FRAME TO REMAIN, PREPARE DOOR FOR NEW HARDWARE, COORDINATE WITH EXISTING DOOR AND FRAME SIZES. REFINISH DOORS. COORDINATE REQUIRED HARDWARE REMOVALS WITH NEW SCHEDULED HARDWARE.
6. REMOVE EXISTING DOOR AND HARDWARE. PROVIDE DOOR RESTORATION WORK AND REFINISHING. PREPARE DOOR TO RECEIVE NEW HARDWARE AND REINSTALL DOOR
7. RECONNECT EXISTING ELECTRICAL ITEMS TO NEW DOOR.



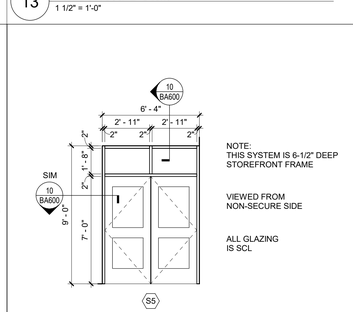




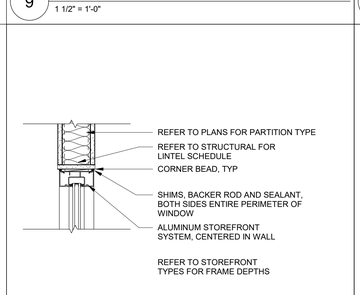
21 Middle School Security Window X2
1/4" = 1'-0"



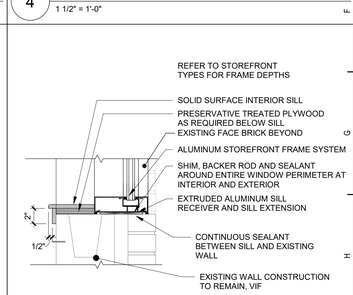
18 High School Storefront S2
1/4" = 1'-0"



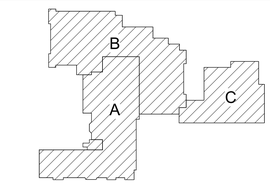
14 Middle School Storefront S5
1/4" = 1'-0"



10 Storefront Head Detail
1 1/2" = 1'-0"



5 Window Sill Detail
1 1/2" = 1'-0"



Key Plan
N.T.S.

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

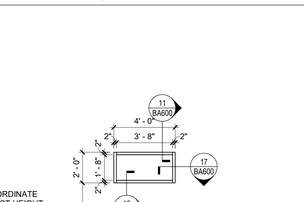
Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Dobbs Ferry Middle / High School

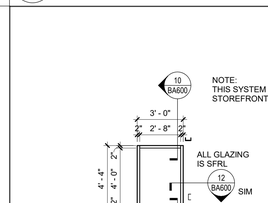
Door Schedule, Door and Window Types, and Details

Drawn By:	Date:	Drawing Number:
m. reilly	12/1/2023	BA600

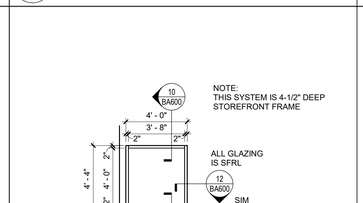
Project No.: 234903-23001



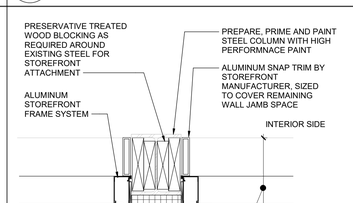
24 Exterior Window Type W3
1/4" = 1'-0"



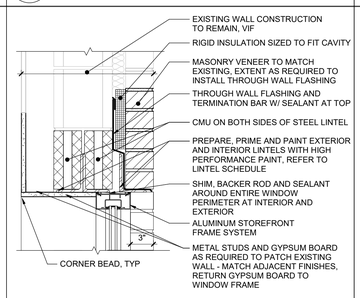
22 Middle School Storefront S4
1/4" = 1'-0"



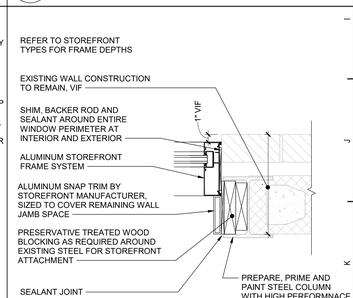
19 High School Storefront S3
1/4" = 1'-0"



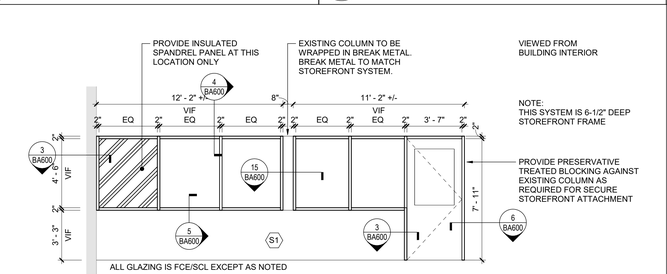
15 Storefront Jamb Detail
1 1/2" = 1'-0"



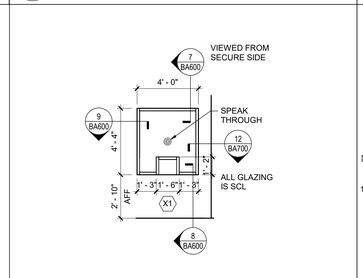
11 Head Detail
1 1/2" = 1'-0"



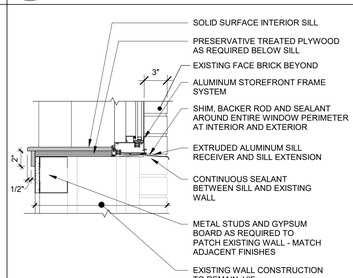
6 Jamb Detail
1 1/2" = 1'-0"



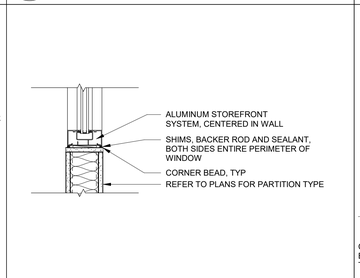
23 Storefront S1 Elevation
1/4" = 1'-0"



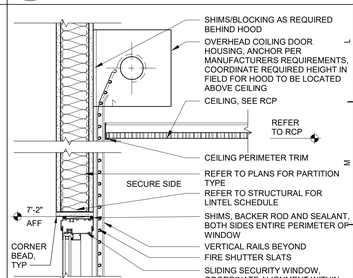
20 High School Security Window X1
1/4" = 1'-0"



16 Window Sill Detail
1 1/2" = 1'-0"



12 Storefront Sill Detail
1 1/2" = 1'-0"

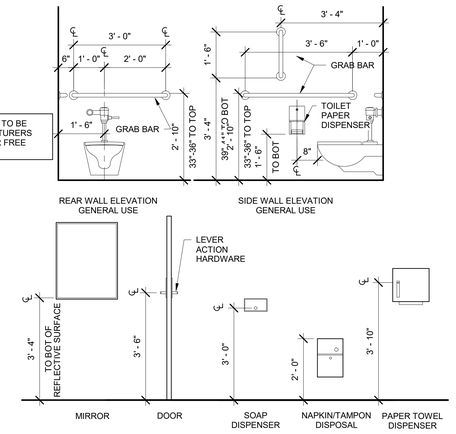


7 Fire Shutter Head Detail
1 1/2" = 1'-0"

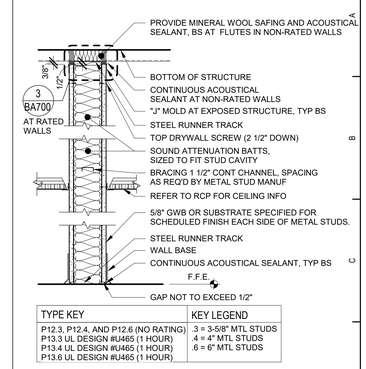
Toilet Room Accessory Schedule

ITEM	DESCRIPTION	COMMENTS
GB24	24" GRAB BAR - VERTICAL	
GB36	36" GRAB BAR - HORIZONTAL	
GB42	42" GRAB BAR - HORIZONTAL	
MR	MIRROR	
PTD	PAPER TOWEL DISPENCER - ROLL	OWNER FURNISHED, CONTRACTOR INSTALLED
RH	ROBE HOOK	
SND	SANITARY NAPKIN DISPOSAL	
SD	SOAP DISPENSER - VERTICAL	OWNER FURNISHED, CONTRACTOR INSTALLED
TTD	TOILET TISSUE DISPENSER	OWNER FURNISHED, CONTRACTOR INSTALLED

TOILET ROOM ACCESSORIES TO BE MOUNTED AS PER MANUFACTURERS INSTRUCTIONS FOR BARRIER FREE REQUIREMENTS



8 Toilet Accessories Mounting Heights
1/2" = 1'-0"



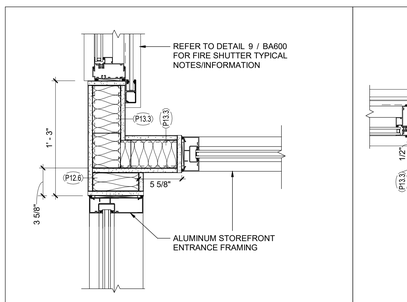
TYPE KEY	KEY LEGEND
P12.3, P12.4, AND P12.6 (NO RATING) P13.3 UL DESIGN #U465 (1 HOUR) P13.4 UL DESIGN #U465 (1 HOUR) P13.6 UL DESIGN #U465 (1 HOUR)	.3 = 3-5/8" MTL STUDS .4 = 4" MTL STUDS .6 = 6" MTL STUDS

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

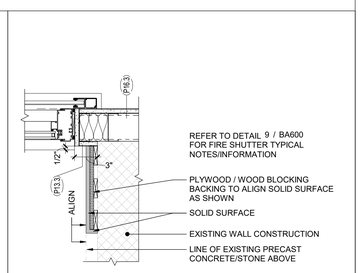
General Toilet Room Notes

A. DIMENSION CONVENTIONS, UNLESS NOTED OTHERWISE, ARE AS FOLLOWS:

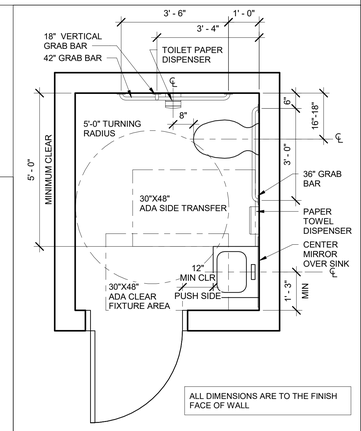
1. DIMENSIONS INDICATED FOR PLUMBING FIXTURE CENTERLINES ARE MEASURED FROM FACE OF WALL FINISH.



12 Plan Detail at Storefront
1 1/2" = 1'-0"

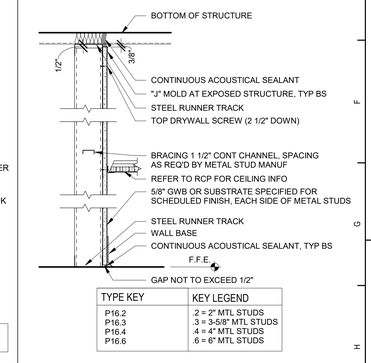


9 Plan Detail at Fire Shutter
1 1/2" = 1'-0"



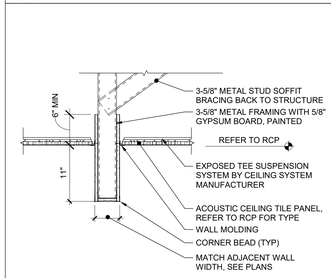
ALL DIMENSIONS ARE TO THE FINISH FACE OF WALL

5 Typical ADA Clearances
1/2" = 1'-0"

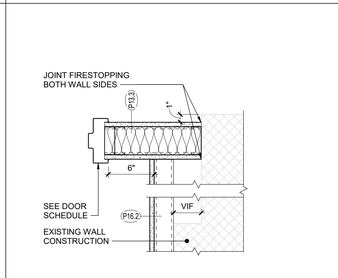


TYPE KEY	KEY LEGEND
P16.2 P16.3 P16.4 P16.6	.2 = 2" MTL STUDS .3 = 3-5/8" MTL STUDS .4 = 4" MTL STUDS .6 = 6" MTL STUDS

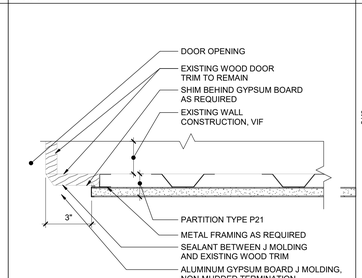
2 Metal Stud Partition Type P16
1 1/2" = 1'-0"



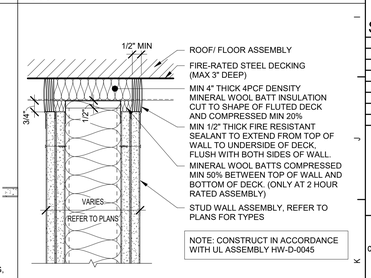
13 Soffit Detail at HS Entrance
1" = 1'-0"



10 Plan Detail at Wall Termination
1 1/2" = 1'-0"

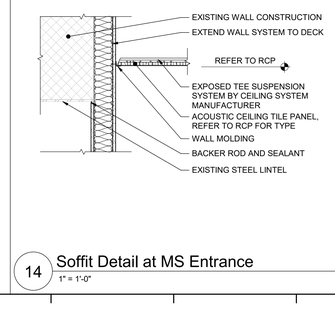


6 Wall Edge Detail
3" = 1'-0"

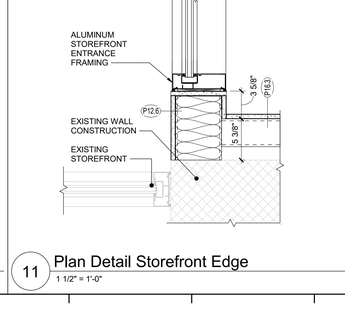


NOTE: CONSTRUCT IN ACCORDANCE WITH UL ASSEMBLY HW-D-0045

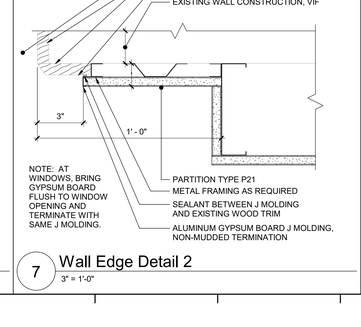
3 Typical Top of Wall Assembly (Rated)
3" = 1'-0"



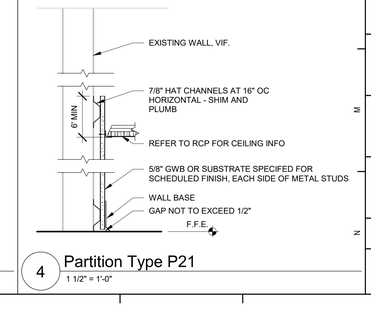
14 Soffit Detail at MS Entrance
1" = 1'-0"



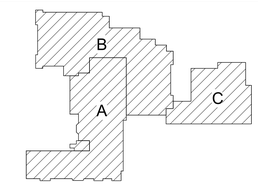
11 Plan Detail Storefront Edge
1 1/2" = 1'-0"



7 Wall Edge Detail 2
3" = 1'-0"



4 Partition Type P21
1 1/2" = 1'-0"



Key Plan
N.T.S.

N

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

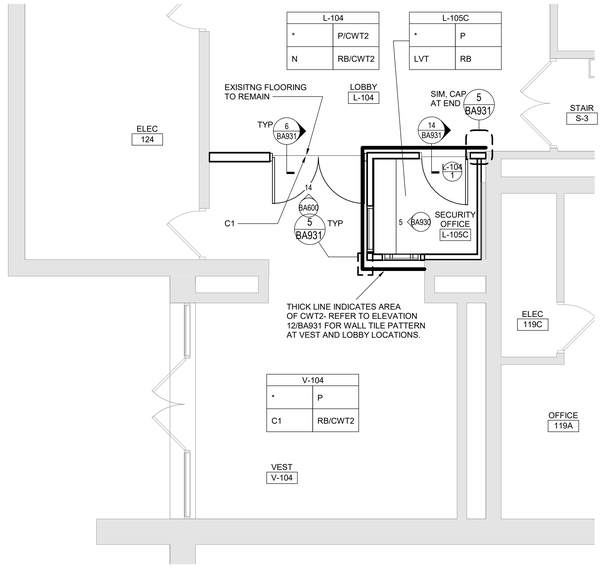
TETRA TECH
ARCHITECTS & ENGINEERS

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

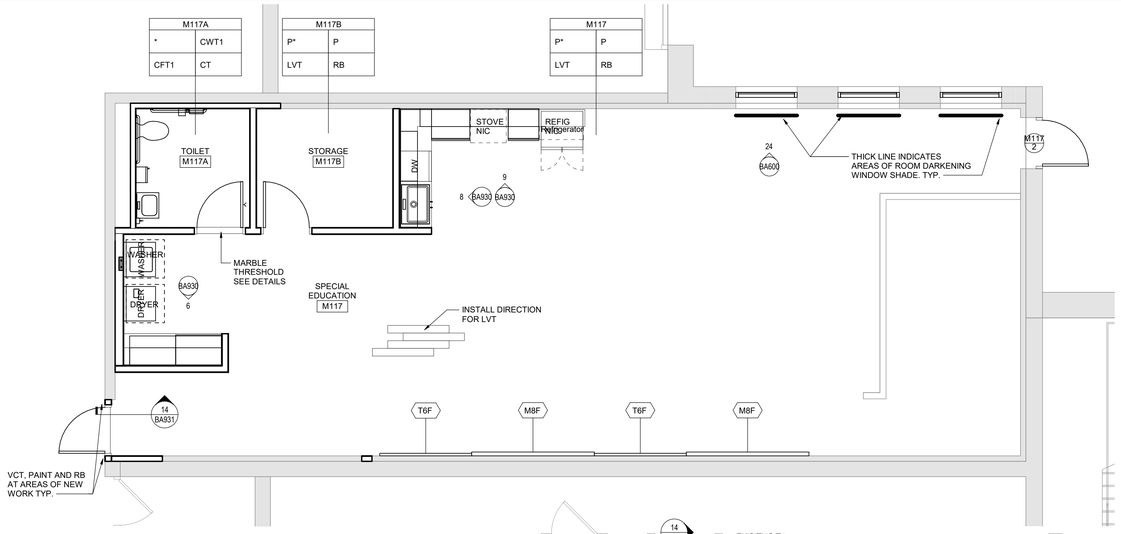
Reconstruction to:
Dobbs Ferry Middle / High School

Wall Types, Toilet Room Clearances, Accessories and Schedule

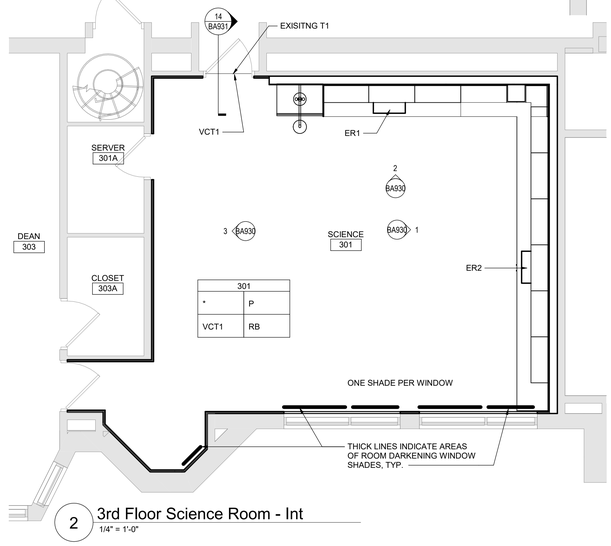
Drawn By:	Date:	Drawing Number:
m. reilly	12/1/2023	BA700
Project No.: 234903-23001		



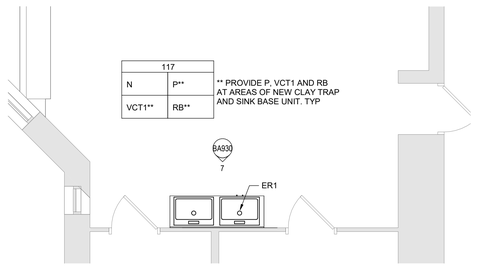
6 First Floor Plan - MS Office, By Alternate MHS-01
1/4" = 1'-0"



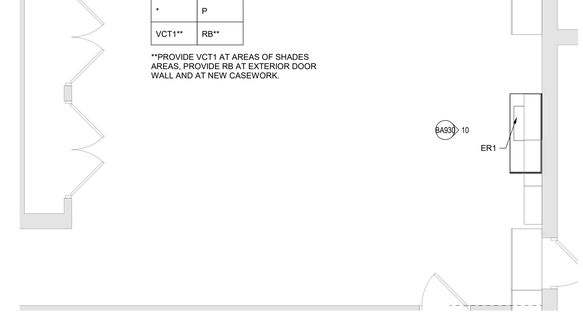
1 First Floor Plan - Special Ed
1/4" = 1'-0"



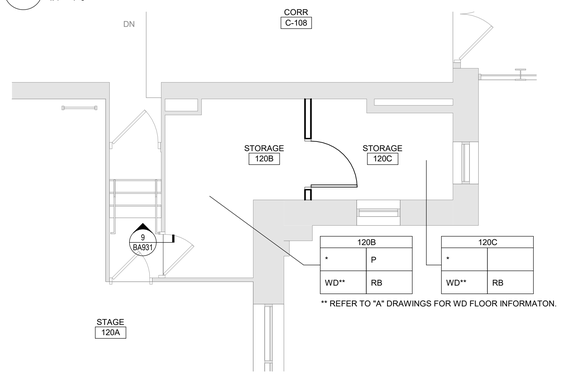
2 3rd Floor Science Room - Int
1/4" = 1'-0"



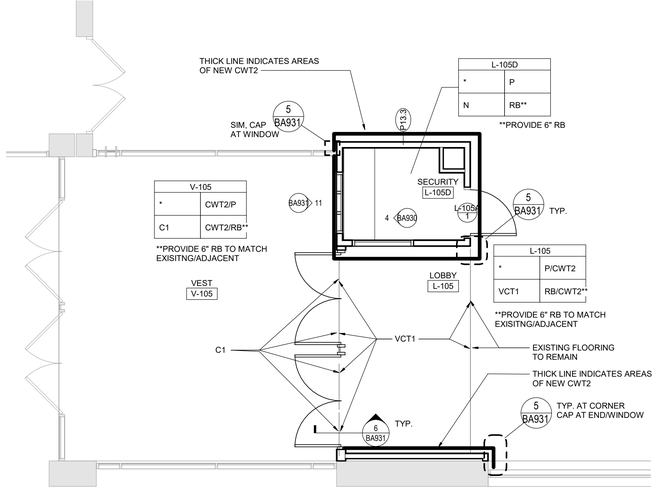
7 First Floor Plan - Art Room 117
1/4" = 1'-0"



4 First Floor Plan - Art Room M112
1/4" = 1'-0"



5 First Floor Plan - Aud Storage
1/4" = 1'-0"



3 First Floor Plan - HS Office, By Alternate MHS-02
1/4" = 1'-0"

Room Finish Key

C1	CARPET - TYPE 1
CFT1	CERAMIC FLOOR TILE - TYPE 1 (SEE SPEC FOR MCS)
CT	CERAMIC TILE COVE BASE
CWT1	CERAMIC WALL TILE - TYPE 1
CWT2	CERAMIC WALL TILE - TYPE 2
LVT	LUXURY VINYL TILE
MCS	MOISTURE CONTROL SYSTEM (SPEC 03 54 15)
N	NO WORK REQUIRED
P	PAINT SURFACE(S) INCLUDING SOFFITS
RB	RUBBER BASE
VCT1	VINYL COMPOSITION TILE - TYPE 1
*	SEE REFLECTED CEILING PLAN
	INDICATED CHANGE IN FLOOR FINISH

NOTE: ALL FINISHES LISTED MAY NOT BE REQUIRED FOR THIS PROJECT.

FINISHES SHOWN IN ROOM FINISH BOX ARE FOR ALL WALLS AND ENTIRE FLOOR AND CEILING
REFER TO EACH ROOM FOR MORE INFORMATION.

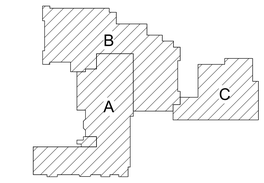
RM#	
CLG*	WALL
FLR	BASE

Board Unit Key

PROVIDE MARKER/CHALK/TACK BOARDS UNITS AS DESIGNATED ON PLANS BY SYMBOLS BELOW. SEE DETAIL 10/BA931 AND SPECIFICATION SECTIONS 10 11 00 FOR ADDITIONAL INFORMATION

M8F 8'-0" L x 4'-0" H LIQUID CHALK BOARD - FIXED
T6F 6'-0" L x 4'-0" H TACK BOARD - FIXED

REFER TO DRAWING BA931 FOR GENERAL FINISH NOTES
REFER TO DRAWING BA930 FOR WOOD CASEWORK NOTES



Key Plan
N.T.S.

N

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

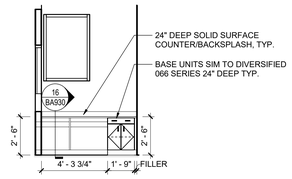
TETRA TECH
ARCHITECTS & ENGINEERS

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

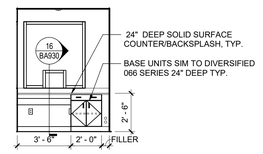
Reconstruction to:
Dobbs Ferry Middle / High School

Enlarged Plans

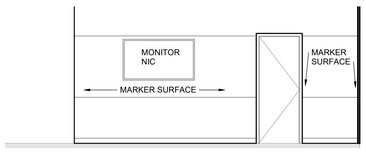
Drawn By:	Date:	Drawing Number:
TTAE	12/1/2023	BA920
Project No.: 234903-23001		



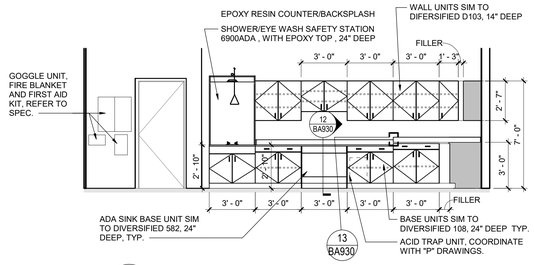
5 Security L105C, By Alt. MHS-01
1/4" = 1'-0"



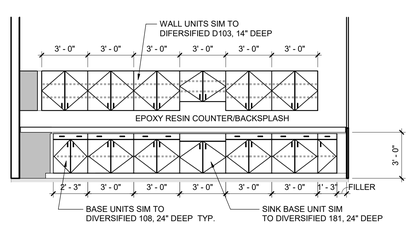
4 Security L105D, By Alt. MHS-02
1/4" = 1'-0"



3 Science 301
1/4" = 1'-0"



2 Science 301
1/4" = 1'-0"



1 Science 301
1/4" = 1'-0"

General Wood Casework Notes

FOR ALL CONTRACTOR RESPONSIBILITIES REFER TO SPECIFICATION SECTION 01 10 00/01 12 00.

A. THE CASEWORK SHOWN ON THE DRAWINGS IS BASED ON DIVERSIFIED SCIENCE WOOD CASEWORK. REFER TO THE PROJECT MANUAL, SECTION 12 32 13 FOR DETAILED SPECIFICATIONS.

B. ALL STANDARD CASEWORK DIMENSIONS TO BE MODIFIED TO CORRESPOND WITH THE DIMENSIONS NOTED ON THE DRAWINGS. FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION OF CABINETS

C. MODEL NUMBERS LISTED ON DRAWINGS APPLY TO ELEVATIONS SHOWN. PROVIDE OPPOSITE HAND MODELS WHERE SHOWN.

D. PROVIDE FULL DEPTH SHELVES AT BASE, WALL AND TALL CABINETS, UNLESS NOTED OTHERWISE.

E. BASE AND TALL CABINETS ARE 24 INCHES DEEP. U.N.O. WALL CABINETS ARE 14 INCHES DEEP, UNO BASE CABINET DEPTH DOES NOT INCLUDE 1" COUNTERTOP OVERHANG, TYP.

F. PROVIDE FINISHED ENDS, BACK EXTENSIONS, SCRIBES AND FINISHED FILLER PANELS ON ALL CABINETS. FILLER PANELS ARE NOT TO EXCEED 3" WIDE, UNLESS NOTED OTHERWISE. PROVIDE TOP AND BOTTOM FILLER PANELS AT ALL BASE & WALL UNITS. SUBMIT SHOP DRAWINGS SHOWING DETAILS OF THESE CONDITIONS.

G. SCIENCE COUNTERTOPS TO BE EPOXY RESIN W/ MARINE EDGE UNLESS NOTED OTHERWISE. BACKSPLASHES TO BE 4" HIGH, TYP. PROVIDE CAULK AT ALL JOINTS, TYP.

H. RADIUS COUNTERTOPS AT COUNTERTOPS ENDS MEETING TALL SHELVING UNITS WITH A DEPTH LESS THAN COUNTERTOP DEPTH. RADIUS TO BE 1-1/2" UNLESS NOTED OTHERWISE. REFER TO DETAIL.

I. PROVIDE CUTS AT ALL CONDITIONS THAT INTERFERE WITH COUNTERTOPS/CABINETS: SCRIBE TO FIT.

J. PROVIDE THE FOLLOWING AT EACH SCIENCE ROOM:
-- FIRE BLANKET WITH STEEL CABINET
-- GOGGLE CABINET WITH GOGGLES
-- FIRST AID KIT WITH WALL KIT
REFER TO SPEC SECTION FOR MORE INFORMATION.

K. ALL SINKS AND ACCESSORIES ARE AS PER SPECIFICATION SECTION 22 42 16.16 WITH THE EXCEPTION OF EPOXY RESIN SINKS. EPOXY RESIN SINK SIZES ARE AS FOLLOWS: (ID)
TYPE "ER1"- 25 X 16 X 5 DEEP (ADA)
TYPE "ER2"- 25 X 16 X 10 DEEP

L. PROVIDE SHOP DRAWINGS SHOWING LOCATIONS AND DETAILS FOR ALL GRILLES, LOUVERS, REMOVABLE PANELS, VALVE LOCATIONS ECT. ASSOCIATED WITH CASEWORK COORDINATE WITH ALL REQUIRED CONTRACTORS.

M. PROVIDE CABINETS WITH FINISHED SIDES, INCLUDING BUT NOT LIMITED TO, LOCATIONS OF ADJACENT CABINETS OR EQUIPMENT WITH A DEPTH LESS THAN CABINET OR EQUIPMENT.

N. PROVIDE ALL STANDARD FEATURES OF CASEWORK UNITS AS INDICATED BY MODEL NUMBER OR AS SHOWN ON PLANS, DETAILS AND ELEVATIONS, INCLUDED BUT NOT LIMITED TO: OUTLETS, SWITCHES, LIGHTS ETC.

O. PROVIDE BLOCKING AT NEW AND EXISTING GYPSUM BOARD WALLS PER MANUFACTURER RECOMMENDATIONS FOR SUPPORT OF WALL / TALL MOUNTED UNITS. REFER TO SPECIFICATION SECTION 06 10 00 FOR WOOD BLOCKING RESPONSIBILITIES.

P. PROVIDE LOCKS AT ALL CASEWORK DOORS/DRAWERS AND FILE UNITS TYP.

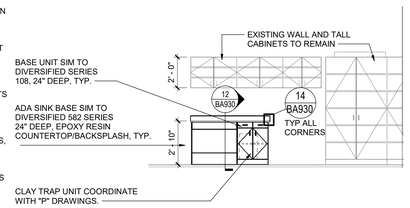
Q. PROVIDE AS NOTED ON DRAWINGS AND DETAILS: 2" GROMMETS AT OPEN BASE COUNTERS 30"/36" OC, WIRE MANAGEMENT, KEY BOARD TRAYS AND CABLE TRAYS.

R. PROVIDE ALL CUTOUTS AS SHOWN ON CASEWORK PLANS AND ELEVATIONS OR AS REQUIRED. CUTOUTS ARE TO INCLUDE BUT NOT LIMITED TO: ALL ELEC BOXES, OUTLETS, AND ASSOCIATED WIRING AND FINAL HOOK-UP.

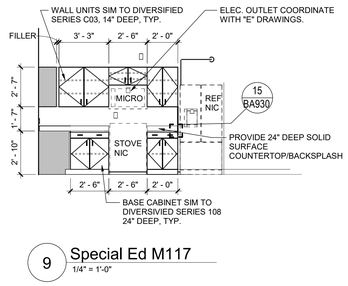
S. PROVIDE REMOVABLE BACK PANELS AT ALL SINK BASE CABINETS.

T. REFER TO BOTH 1/8" AND 1/4" PLANS FOR LAYOUTS.

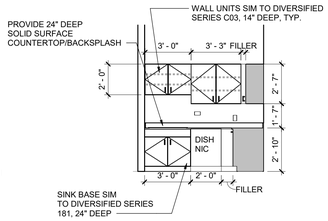
U. REFER TO SPECIFICATION SECTION 01 23 00 FOR ADDITIONAL INFORMATION REGARDING CASEWORK ALTERNATES.



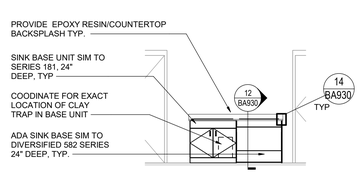
10 Art M112
1/4" = 1'-0"



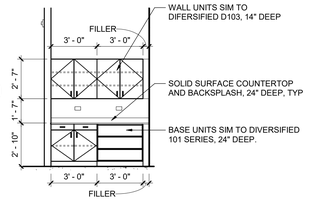
9 Special Ed M117
1/4" = 1'-0"



8 Special Ed M117
1/4" = 1'-0"



7 Art 117
1/4" = 1'-0"

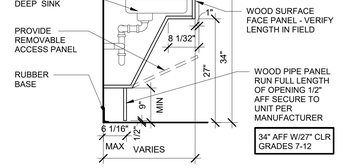


6 Special Ed M117
1/4" = 1'-0"

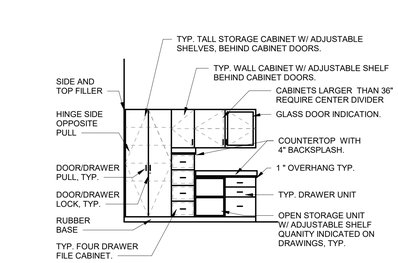
14 Epoxy Countertop Non Marine Edge Detail
3" = 1'-0"

13 Backsplash Detail @ Countertop
1 1/2" = 1'-0"

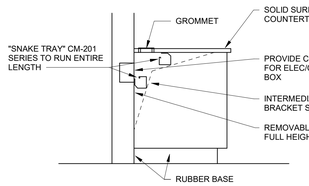
COORDINATE ALL SINK SIZES WITH CONTRACTOR RESPONSIBLE FOR SINK AND INSTALLATION.



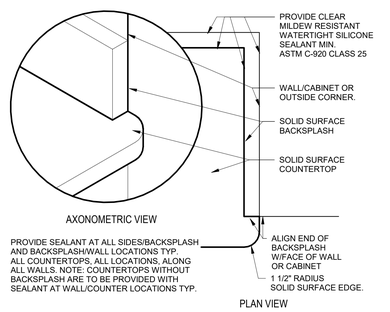
12 ADA Sink Base
3/4" = 1'-0"



11 Typical Casework Designations
1/4" = 1'-0"

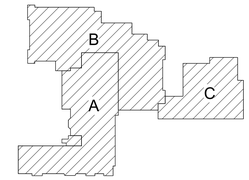


16 Counter Section Detail
3/4" = 1'-0"



15 Solid Surface Countertop Edge Detail
3" = 1'-0"

REFER TO DRAWING BA931 FOR GENERAL FINISH NOTES



Key Plan
N.T.S.

N

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Dobbs Ferry Middle / High School

Elevations

Drawn By:	Date:	Drawing Number:
TTAE	12/1/2023	BA930
Project No.: 234903-23001		

General Finish Notes

ALL FINISH PRODUCTS ARE TO BE INSTALLED IN ACCORDANCE WITH CONTRACT SPECIFICATION AND MANUFACTURES INSTRUCTIONS. REFER TO SPECIFICATIONS AND FINISH DETAILS FOR ADDITIONAL INFORMATION ON INSTALLATION OF SPECIFIED MATERIALS,

A. ALL PAINTS FOR INTERIOR AND EXTERIOR ARE TO BE APPLIED IN ACCORDANCE WITH SPECIFICATION SECTION 09 91 00 AND 09 96 00.

B. ALL EXPOSED STRUCTURES, INCLUDING BUT NOT LIMITED TO PIPING AND FIREPROOFING, CONDUIT, AND ALL ASSOCIATED EQUIPMENT ARE TO BE PAINTED.

C. APPLY PAINT TO BOTH NEW AND EXISTING ITEMS IN ALL AREAS INDICATED WITH A FINISH BOX AND/OR NOTES - THESE ITEMS ARE INCLUDING BUT ARE NOT LIMITED TO:
- FEC 'S, BEAMS, DOOR/FRAMES - BOTH SIDES GLAZING FRAMES IN DOOR/WALLS- BOTH SIDES, ALL ITEMS ARE TO BE ACCENT COLORS.

D. PATTERNS FOR FLOORS AND WALLS ARE ISSUED DURING THE CONSTRUCTION PHASE- INCLUDING ALL ACCENT LOCATIONS. SUBMIT SHOP DRAWINGS SHOWING DETAILED LAYOUTS OF EACH AREA, INCLUDING EDGES AND TRANSITIONS, ALL LAYOUTS ARE TO BE CENTERED IN EACH ROOM UNO - TYP ALL DRAWINGS. ABOVE REQUIREMENTS ARE TO INCLUDE BUT NOT LIMITED TO:
- CERAMIC TILE, BOTH WALL AND FLOOR.
- CARPET
- VCT
- RUBBER

E. FIELD AND ACCENT PAINT ARE ISSUED DURING THE CONSTRUCTION PHASE-CONTRACTOR IS TO ASSUME ALL FIELD AND ACCENT COLORS ARE DIFFERENT ROOM TO ROOM. AS WELL AS WITHIN EACH ROOM, REQUIREMENTS ARE TO INCLUDE BUT ARE NOT LIMITED TO:
- WALL, FIELD COLOR
- WALL, ACCENT COLOR
- CEILING, ACCENT COLOR
- SOFFITS. ACCENT COLOR
- DOOR AND WINDOW FRAMES, ACCENT COLOR
- EXPOSED COLUMNS, ACCENT COLOR
- EXPOSED DECKS, ACCENT COLOR
- EXPOSED JOISTS, ACCENT COLOR
- EXPOSED DUCTWORK, ACCENT COLOR

F. PROVIDE PAINT AT ALL NEW SOFFITS, REFER TO REFLECTIVE CEILING PLANS FOR ADDITIONAL LOCATIONS.

G. ALL EXPOSED BRICK, GROUND FACE BLOCK IS TO REMAIN UNPAINTED, UNO.

H. CERAMIC WALL TILE IS TO RUN FLOOR TO CEILING UNO.

I. CARPET IS TO RUN WALL TO WALL, UNDER ALL FURNITURE, MOVEABLE EQUIPMENT AND LIBRARY SHELVING UNITS, INCLUDING ALL UNITS AT THE PERIMETER WALLS.

J. FOR ALL RENOVATED AREAS REQUIRING FINISH WORK REMOVE, PROTECT AND REINSTALL MOVABLE EQUIPMENT INCLUDING BUT NOT LIMITED TO: BOARD UNITS, LOCKERS GYM EQUIPMENT, SHADES/BLINDS, BOOKCASES ETC. REINSTALL IN ORIGINAL LOCATION, OR AS NOTED ON DRAWINGS, COORDINATE WITH OWNER. REFER TO SPEC SECTION 01 23 00 ALTERATION PROJECT PROCEDURES FOR MORE INFORMATION.

K. FIELD VERIFY ALL CONTROL JOINTS LOCATIONS IN CONCRETE SLAB. LOCATE CONTROL JOINTS IN EXG/NEW FLOOR FINISH MATERIAL DIRECTLY ABOVE SLAB JOINTS OR AS RECOMMENDED BY FLOORING MATERIAL MANUFACTURER.
- AT NEW SLABS REFER TO STRUCTURAL DRAWINGS FOR SLAB CONTROL JOINT LOCATIONS.
- AT EXISTING SLABS, FIELD VERIFY LOCATIONS OF EXISTING SLAB CONTROL JOINTS.
- REFER TO FINISH DRAWINGS AND SPECIFICATIONS FOR NEW FLOOR MATERIALS.
COORDINATE FLOOR PATTERNS WITH CONTROL JOINT PRIOR TO SUBMISSION OF REQUIRED FLOOR PATTERN DRAWINGS.

L. INSTALLER IS TO FIELD VERIFY ALL EXG AND NEW FLOOR DRAIN LOCATIONS IN ALL EXG AND NEW SLABS AS PART OF THIS PROJECT.
* REFER TO ARCHITECTURAL DRAWINGS FOR FLOOR DEMO AREAS AND REQUIREMENTS.
* REFER TO PLUMBING DRAWINGS FOR EXG AND NEW FLOOR DRAIN LOCATIONS.
* REFER TO STRUCTURAL DRAWINGS FOR LOCATIONS OF SLAB DEPRESSIONS.
* REFER TO FINISH DRAWINGS FOR LOCATIONS OF NEW FLOOR FINISH MATERIALS AND FLOORING SLOPE.
* REFER TO FINISH MATERIAL SPECIFICATION SECTIONS FOR SLAB DEPRESSION DEPTH REQUIREMENTS.

M. PROVIDE ALL FINISHES AS INDICATED BY ROOM FINISH BOX AND/OR AS NOTED ON DRAWINGS.

NON-GLARE SURFACE:

*TYPICAL FOR ENTIRE SIGN

PICTOGRAM:

*APPEARS ON MINIMUM 8"x8 " CLEAR FIELD
*PICTOGRAM NOT REQUIRED TO BE RAISED
*PICTOGRAM MUST CONTRAST WITH BACKGROUND

TACTILE CHARACTERS:

*5/8" MINIMUM CAP LETTER HEIGHT
*RAISED 1/32" MINIMUM
*FULL CAPS
*SAN SERIF TYPE STYLE
*CHARACTERS MUST CONTRAST WITH BACKGROUND

GRADE 2 BRAILLE



TYPE 10a - Gender Neutral Accessible Plaque

NON-GLARE SURFACE:

*TYPICAL FOR ENTIRE SIGN

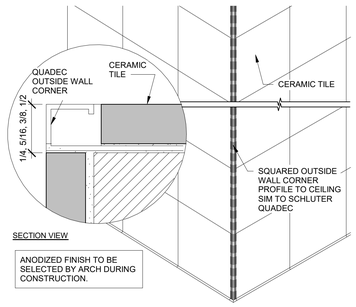
TACTILE CHARACTERS:

*5/8" MINIMUM CAP LETTER HEIGHT
*1" MINIMUM NUMBER HEIGHT
*RAISED 1/32" MINIMUM
*FULL CAPS
*SAN SERIF TYPE STYLE
*CHARACTERS MUST CONTRAST WITH BACKGROUND

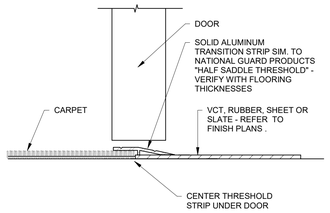
GRADE 2 BRAILLE



TYPE 5 - Typical Permanent Room Plaque

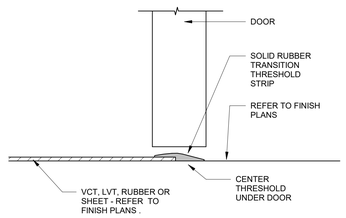


5 Outside Corner/ Rounded Profile
3" = 1'-0"



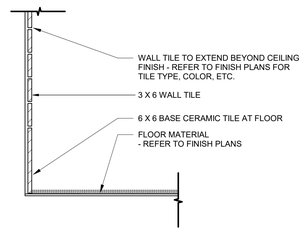
NOTE:
REFER TO SPECIFICATIONS FOR TRANSITION TYPES
REFER TO FINISH PLANS FOR ALL LOCATIONS, TYPICAL.
THRESHOLD TO MEET ALL ADA CRITERIA.
RATED DOOR UNDERCUT DISTANCE TO MEET REQUIRED NFPA CRITERIA

6 TYP. Aluminum Threshold Carpet to VCT Detail
6" = 1'-0"

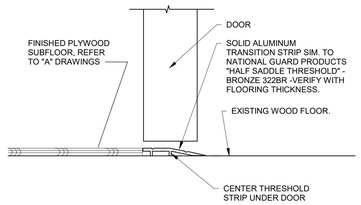


NOTE:
REFER TO SPECIFICATIONS FOR TRANSITION TYPES.
REFER TO FINISH PLANS FOR ALL LOCATIONS, TYPICAL .
THRESHOLD TO MEET ALL ADA CRITERIA
RATED DOOR UNDERCUT DISTANCE TO MEET REQUIRED NFPA CRITERIA.

7 TYP. Threshold Detail
6" = 1'-0"

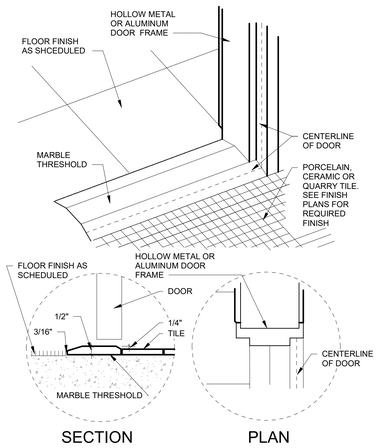


8 Ceramic Tile Base at Floor Finish-Vesibules
3" = 1'-0"

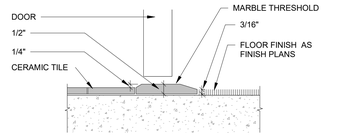


NOTE:
REFER TO SPECIFICATIONS FOR TRANSITION TYPES
REFER TO FINISH PLANS FOR ALL LOCATIONS, TYPICAL.
THRESHOLD TO MEET ALL ADA CRITERIA
RATED DOOR UNDERCUT DISTANCE TO MEET REQUIRED NFPA CRITERIA

9 Aluminum Threshold at Plywood Detail
6" = 1'-0"

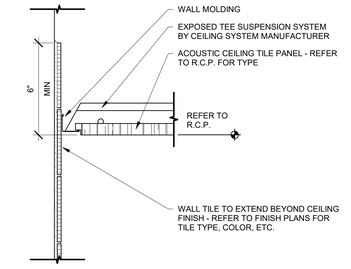


1 ADA Marble Threshold Detail
1 1/2" = 1'-0"

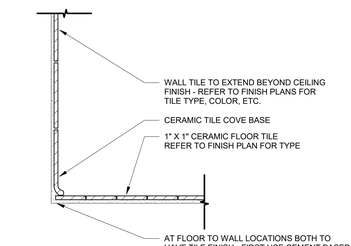


NOTE:
REFER TO SPECIFICATION FOR THRESHOLD TYPES.
REFER TO FINISH PLAN FOR LOCATIONS, TYPICAL
THRESHOLD TO MEET ADA CRITERIA AND REQUIREMENTS.
RATED DOOR UNDERCUT DISTANCE TO MEET REQUIRED NFPA CRITERIA

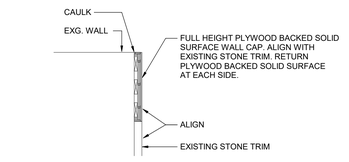
2 ADA Marble Threshold Detail
12" = 1'-0"



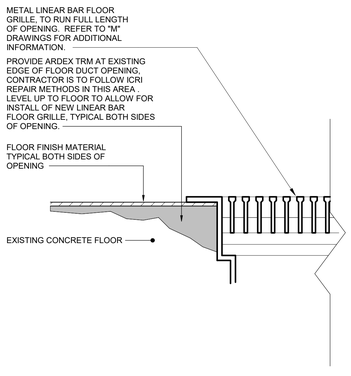
3 Ceramic Wall Tile at Acoustic Ceiling
3" = 1'-0"



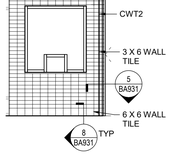
4 Ceramic Tile at Floor Detail- Toilet Room
3" = 1'-0"



13 Solid Surface Wall Cap
3/4" = 1'-0"

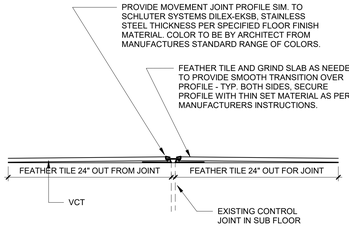


14 Detail at Floor Grille
6" = 1'-0"



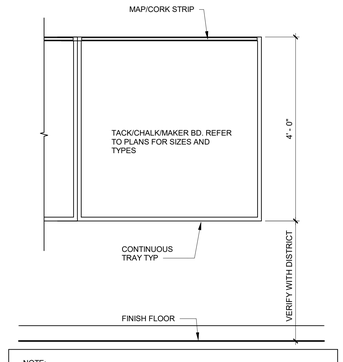
11 Vest V-105, TYP Wall Tile Pattern
1/4" = 1'-0"

NOTE: VESTIBULE WALL TILE PATTERN TYPICAL FOR ALL TILED WALLS AT THE HS VEST V-105 AND LOBBY L-105, MS VEST V-104 AND LOBBY 104.



NOTE:
REFER TO FINISH PLANS FOR ALL LOCATIONS TYP.

12 VCT Control Joint
6" = 1'-0"



NOTE:
COORDINATE LOCATION OF STANDARDS FOR BOARD UNITS WITH ELEC., OUTLETS, STROBE LIGHTS, CLOCKS, COMPUTERS, DATA OULETS, LIGHT SWITCHES, ETC. THIS DETAIL IS TO SHOW METAL STANDARD MOUNTING HEIGHTS. REFER TO PLANS FOR ACTUAL BOARD CONFIGURATIONS AND SIZES, TYP. ALL STANDARDS ARE REQUIRED TO BE ATTACHED TO WOOD BLOCKING, COORDINATE WITH CONTRACTOR LOCATIONS FOR ALL BLOCKING, TYP.

10 Typical Standard Mounting Height
3/4" = 1'-0"

Signage Notes

A. ALL ROOM NAMES AND NUMBERS ARE SUBJECT TO CHANGE, SUPPLIER TO VERIFY WITH SCHOOL DISTRICT DURING CONSTRUCTION PHASE, PRIOR TO SUBMITTAL PHASE, FOR FINAL ROOM NAMES AND NUMBERS.

B. ALL PERMANENT ROOMS TO RECEIVE ROOM IDENTIFICATION SYSTEM CONTAINING BOTH TEXT AND ROOM NUMBERS.

C. PROVIDE BARRIER-FREE AND TACTILE SIGNAGE AT ALL LOCATIONS REQUIRED BY CODE AND AS SHOWN ON THE ARCHITECTURAL DRAWINGS.

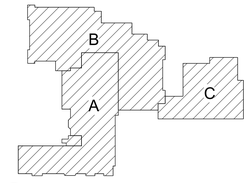
D. COORDINATE MOUNTING HEIGHTS AS PER CABO/ANSI A117.1 AND AS PER MANUFACTURER'S RECOMMENDATIONS.

E. ALL COLORS TO BE ISSUED DURING CONSTRUCTION.

F. PROVIDE SIGNS AS PER SIGNAGE SCHEDULE AS REQUIRE BY CODE AND SIGNAGE DRAWING.

G. REFER TO SPECIFICATIONS SECTION 10 14 00 FOR MORE INFORMATION.

REFER TO DRAWING BA930 FOR WOOD CASEWORK NOTES



Key Plan
N.T.S.

N

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

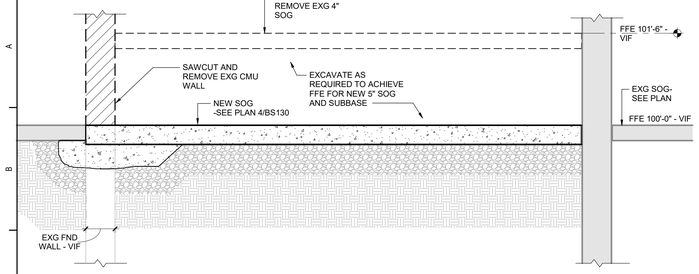
TETRA TECH
ARCHITECTS & ENGINEERS

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

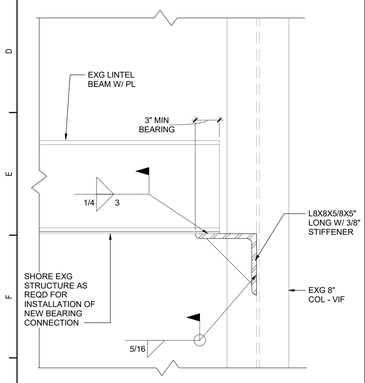
Reconstruction to:
Dobbs Ferry Middle / High School

Details

Drawn By:	Date:	Drawing Number:
MHH	12/1/2023	BA931
Project No.:		
234903-23001		

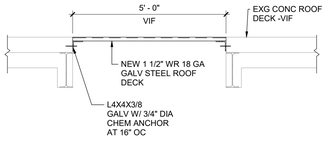


7 New Slab at Exg
3/4" = 1'-0"

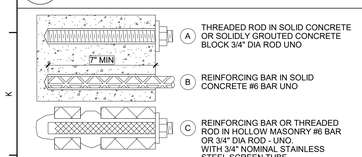


8 Bearing Conn at Exg
1 1/2" = 1'-0"

COORDINATE EXACT LOCATION W/ ARCH DWGS



10 Deck Infill Detail
1/2" = 1'-0"

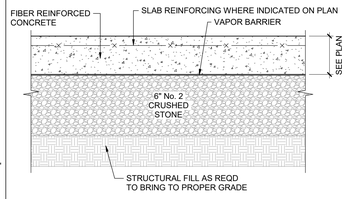


BAR/ROD SIZE	EMBEDMENT DEPTH
#4 OR 1/2"	5"
#5 OR 5/8"	6"
#6 OR 3/4"	7"
#7 OR 7/8"	8"
#8 OR 1"	9"

GENERAL NOTES
1. FOR ACCEPTABLE ADHESIVE PRODUCTS REFER TO SPECIFICATIONS.
2. COMPLY WITH MANUFACTURERS REQUIREMENTS FOR INSTALLATION.

11 Typ Chemical Anchors
3" = 1'-0"

- SAW CUT CONTROL JOINTS WITHIN 12 HOURS OF CASTING SLAB
- JOINTS TO BE SPACED 15 FEET OC MAXIMUM OR AS NOTED ON PLAN
- VAPOR BARRIER TO BE CONTINUOUS AND OVERLAPPED NOT LESS THAN 6" AT ALL SEAMS. TAPE ALL SEAMS.
- EXTEND VAPOR BARRIER UP THE FACE OF EXTERIOR FOUNDATION WALLS (TERMINATE AT TOP OF SLAB ELEV) ALONG SLAB EDGE, AND SECURE/SEAL VAPOR BARRIER TO WALL WITH APPROVED MASTIC PER SPEC.



4 Typical Slab on Grade
1 1/2" = 1'-0"

1. FOR 4" THICK WALLS

MASONRY OPENING (≤)	LINTEL ANGLE
UP TO 6'-4"	MT 6X5.9

2. FOR 6" THICK WALLS

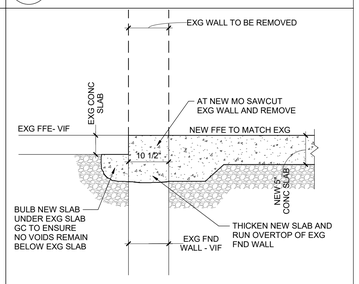
MASONRY OPENING (≤)	LINTEL ANGLE
5'-0"	2- L2 1/2X2 1/2X5/16
6'-0"	2- L3X2 1/2X5/16 LLV
7'-0"	2- L3 1/2X2 1/2X5/16 LLV
8'-0"	2- L3 1/2X2 1/2X5/16 LLV

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

MASONRY OPENING (≤)	LINTEL ANGLE
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.

5 Lintel Schedule
12" = 1'-0"



6 Typ New Slab at Existing Edge
3/4" = 1'-0"

COMPONENTS & CLADDING WIND PRESSURE (PSF)

MEAN ROOF HEIGHT, "h" (FT)	EFFECTIVE WIND AREA (SQ FT)	ROOF										WALLS			
		ZONE 1'		ZONE 1		ZONE 1/1'	ZONE 2			ZONE 3			ZONE 4		ZONE 5	
		MIDDLE INTERIOR		INTERIOR		OVERHANG	EDGE		OVERHANG	CORNER		OVERHANG	INTERIOR		CORNER	
32.00	≤ 10	-36.0	16.0	-62.6	16.0	-56.6	-82.6	36.0	-76.6	-82.6	36.0	-76.6	-39.0	36.0	-48.0	36.0
	20	-36.0	16.0	-58.5	16.0	-55.6	-77.3	34.4	-69.5	-77.3	34.4	-69.5	-37.4	34.4	-44.8	34.4
	50	-36.0	16.0	-53.0	16.0	-54.3	-70.3	32.3	-60.2	-70.3	32.3	-60.2	-35.3	32.3	-40.6	32.3
	100	-36.0	16.0	-48.9	16.0	-53.3	-65.0	30.7	-53.1	-65.0	30.7	-53.1	-33.7	30.7	-37.4	30.7
	≥ 500	-24.3	16.0	-39.3	16.0	-36.6	-52.6	27.0	-36.6	-52.6	27.0	-36.6	-30.0	27.0	-30.0	27.0

NOTES:

1. MEAN ROOF HEIGHT IS MEASURED ABOVE DATUM FFE, ELEVATION = 100'-0".

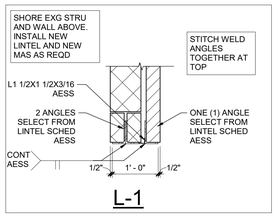
2. REFER TO ASCE 7-16 FOR DEFINITION OF TERMS. FOR THE DIMENSIONS OF EACH ZONE, REFERENCE FIGURE 30.4-1 IN ASCE 7-16 AND USE "h" FROM ABOVE TABLE TO DETERMINE 0.6h AND 0.2h.

3. THESE TABLES ARE TO BE USED FOR WIND LOAD CONTRIBUTION TO TOTAL LOAD ACTING ON ANY COMPONENT OR CLADDING MEMBER WHICH IS PART OF A ROOF OR EXTERIOR WALL ASSEMBLY. EXAMPLES OF COMPONENTS AND CLADDING INCLUDE, BUT ARE NOT LIMITED TO ROOF JOISTS, WALL STUDS, ROOF DECK FASTENERS, VENEER TIES, WINDOWS, AND THEIR ATTACHMENTS.

4. FOR EFFECTIVE WIND AREA VALUES LISTED IN THE TABLE ABOVE, PRESSURE VALUES MAY INTERPOLATED; OTHERWISE USE THE VALUE ASSOCIATED WITH THE LOWER EFFECTIVE WIND AREA.

5. POSITIVE PRESSURES (+) ACT TOWARDS THE BUILDING, NEGATIVE PRESSURES (-) ACT AWAY FROM THE BUILDING, POSITIVE AND NEGATIVE PRESSURES DO NOT ACT SIMULTANEOUSLY. PRESSURES ARE APPLIED TO THE SURFACE OF THE COMPONENT OR CLADDING.

6. DESIGN VALUES SHOWN IN THIS TABLE ARE ULTIMATE VALUES FOR USE WITH LRFD DESIGN. VALUES MAY BE MULTIPLIED BY 0.6 FOR USE WITH SERVICE LEVEL OR ASD DESIGN. REFER TO THE BUILDING CODE FOR APPLICABLE LOAD COMBINATIONS.



L-1

LINTELS TO BEAR 8" EACH END ON SOLID MASONRY, TYP UNO.

Structural Loads:

A. FLOOR LIVE LOADS PER BCNYS 1607

OCCUPANCY OR USE	UNIFORM	CONCENTRATED
CLASSROOMS	40 PSF	1000 LBS

REDUCTION IN LIVE LOADS HAS BEEN APPLIED WHERE PERMITTED PER 1607.11

B. ROOF LIVE LOADS PER BCNYS 1607.13

MINIMUM ROOF LIVE LOAD	20 PSF

C. RAIN LOADS PER BCNYS 1611

RAIN INTENSITY, i	3.0IN/HR

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

D. SNOW LOADS PER BCNYS 1608

GROUND SNOW, P_g (FIGURE 1608.2)	30 PSF
FLAT ROOF SNOW LOAD, P_f (ASCE 7)	25.4 PSF
SNOW EXPOSURE FACTOR, C_e	1.1
THERMAL FACTOR, C_t	1.0
SLOPE FACTOR, C	1.0
SNOW LOAD IMPORTANCE FACTOR, I_S	1.1

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

E. WIND LOAD DESIGN CRITERIA PER BCNYS 1609

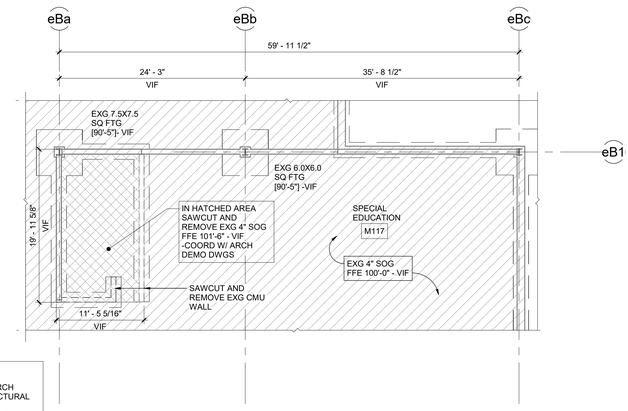
BASIC DESIGN WIND SPEED (3 SECOND GUST), V	124 MPH
ALLOWABLE STRESS DESIGN WIND SPEED, V_{asd}	96 MPH
RISK CATEGORY	I I I
EXPOSURE CATEGORY	C
INTERNAL PRESSURE COEFFICIENT, GCPi	+/- 0.18

F. SEISMIC DESIGN CRITERIA PER BCNYS 1613

RISK CATEGORY	I I I
SEISMIC IMPORTANCE FACTOR, I_e	1.25
MAPPED SPECTRAL RESPONSE ACCELERATION	
AT SHORT PERIODS, S_S	29.8 %g
AT 1 SECOND PERIODS, S_1	6.1 %g
SITE CLASS	D
DESIGN SPECTRAL RESPONSE ACCELERATION	
AT SHORT PERIODS, S_{DS}	31.0 %g
AT 1 SECOND PERIODS, S_{D1}	9.8 %g
SEISMIC DESIGN CATEGORY	B

General Notes:

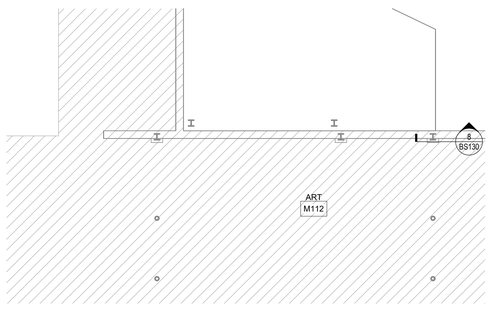
A. DIMENSIONS AND ELEVATIONS SHOWN ON PLAN AS PLUS/MINUS (+/-) AND VIF ARE TO BE CONSIDERED APPROXIMATE. EXACT VALUES FOR ALL (+/-) AND VIF DIMENSIONS ARE TO BE DETERMINED BY THE CONTRACTOR IN THE FIELD THROUGH A PRELIMINARY BUILDING LAYOUT CONTRACTOR TO VERIFY EXISTING DIMENSIONS, ELEVATIONS AND CONDITIONS AND NOTIFY A/E OF ANY DISCREPANCIES PRIOR TO COMMENCING WORK. COORDINATE INFORMATION WITH OTHER TRADES.



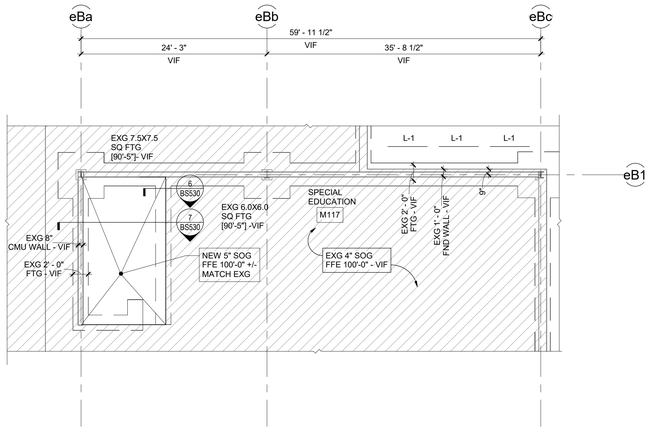
Demo Notes:

1.) COORDINATE ALL DEMOLITION NOTES W/ ARCH DEMOLITION DRAWINGS AND W/ NEW STRUCTURAL PLANS.
2.) COORDINATE ALL DEMOLITION WORK W/ DIV 01 SPEC SECT.
3.) CONTRACTOR TO VERIFY ALL EXG INFORMATION AND CONDITIONS. NOTIFY A/E OF ANY DISCREPANCIES PRIOR TO COMMENCING WORK

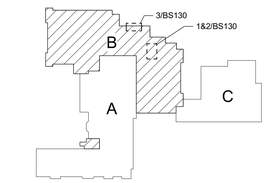
1 Partial Foundation Demo Plan - Area B
1/8" = 1'-0"



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



2 Partial Foundation Plan - Area B
1/8" = 1'-0"



Key Plan
N.T.S.

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Dobbs Ferry Middle / High School

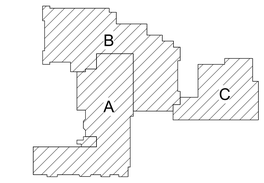
Partial Foundation Plans -Area B, Notes, and Details

Drawn By:	Date:	Drawing Number:
NDC/kjr	12/1/2023	BS130
Project No.: 234903-23001		

1 First Floor Key Plan
1/16" = 1'-0"

General Notes

A. THE FOLLOWING GENERAL NOTES APPLY TO ALL "BM" SERIES DRAWINGS.
B. REFER TO ALL CONTRACT DOCUMENTS; DRAWINGS AND SPECIFICATIONS, FOR DETAILED STANDARDS AND REQUIREMENTS.
C. REPORT UNSAFE OR UNSATISFACTORY CONDITIONS IN WRITING TO ARCHITECT AND RESOLVE ISSUES BEFORE PROCEEDING.
D. WORK INCLUDES ALL LABOR AND MATERIALS REQUIRED TO PROVIDE COMPLETE WORKING SYSTEMS.
E. COORDINATE PHASING REQUIREMENTS AT JOB MEETINGS AND ON WORK SCHEDULES.
F. DO NOT SCALE DRAWINGS. PIPING AND DUCTWORK ARE SHOWN DIAGRAMMATICALLY. IT IS NOT POSSIBLE TO SHOW EVERY TRANSITION, FITTING, ASPECT RATIO CHANGE, ETC.; PROVIDE AS REQUIRED TO FIT WITHIN STRUCTURAL CONSTRAINTS. EXAMINE CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED AND VERIFY ALL ACCESS, LOCATIONS, DIMENSIONS, ARRANGEMENTS, ELECTRICAL CHARACTERISTICS AND INTERFERENCE IN THE FIELD PRIOR TO BID.
G. VERIFY EXTENT OF CEILING WORK SHOWN ELSEWHERE IN THE CONTRACT DOCUMENTS. PROVIDE FOR ADDITIONAL CEILING SYSTEM REMOVAL, PROTECTION, AND REINSTALLATION AS REQUIRED FOR CONTRACT WORK.
H. DEMOLITION DRAWINGS SHOW THE GENERAL SCOPE OF ITEMS AND SYSTEMS TO BE REMOVED. IT IS NOT THE INTENT TO SHOW ALL ITEMS TO BE REMOVED. FIELD VERIFY AND REMOVE ALL ASSOCIATED ITEMS BACK TO POINT OF CONTINUED SERVICE, UNLESS OTHERWISE NOTED. VERIFY WHAT ALL EQUIPMENT SERVES PRIOR TO REMOVAL.
I. GIVE ALL REMOVED EQUIPMENT TO THE OWNER. DELIVER ON SITE WHERE DESIGNATED BY THE OWNER. PROMPTLY REMOVE FROM THE SITE AND LEGALLY DISPOSE OF ANY SUCH ITEMS DECLINED BY OWNER.
J. IF UNANTICIPATED MECHANICAL, ELECTRICAL, OR STRUCTURAL CONFLICTS ARE ENCOUNTERED, INVESTIGATE AND REPORT BOTH NATURE AND EXTENT OF THE CONFLICT. RE-ROUTE WORK AS REQUIRED.
K. CUT, DRILL, OR OTHERWISE CREATE OPENINGS AS NEATLY AS POSSIBLE, AS REQUIRED FOR THE INDICATED CONTRACT WORK. PROVIDE SUPPORT AS REQUIRED FOR AND USE METHODS LEAST LIKELY TO DAMAGE ELEMENTS TO REMAIN. PRIOR TO WORK, VERIFY LOCATIONS OF ALL STRUCTURAL MEMBERS INCLUDING CROSS BRACING, ELECTRICAL WIRING, PLUMBING, ETC. PROMPTLY NOTIFY ARCHITECT OF ANY CONFLICTS. DO NOT CUT ANY STRUCTURAL MEMBERS OR OTHER SERVICES UNTIL SPECIFICALLY DIRECTED TO DO SO. PENDING RECEIPT OF DIRECTIVE, REARRANGE SCHEDULE AS NECESSARY TO CONTINUE OVERALL JOB PROGRESS WITHOUT DELAY.
L. PATCH ALL DISTURBANCES RESULTING FROM DEMOLITION OR NEW WORK TO MATCH SURROUNDING SURFACES. PATCH FOLLOWING DEMOLITION, AND AGAIN FOLLOWING WORK, WHERE HOLES REMAIN FROM REMOVALS, INFILL AND PATCH TO MATCH UNLESS HOLE IS TO BE REUSED.
M. PROTECT ALL CONTRACT EQUIPMENT, ELEMENTS TO REMAIN, OWNER'S BELONGINGS, AND EQUIPMENT TO BE REUSED OR RETAINED BY OWNER DURING ALL CONTRACT WORK. AT NO ADDITIONAL COST TO OWNER, REPAIR OR REPLACE ITEMS WHICH ARE DAMAGED.
N. THOROUGHLY CLEAN FOLLOWING DEMOLITION AND BEFORE BEGINNING CONTRACT INSTALLATIONS. THOROUGHLY CLEAN AGAIN DURING AND FOLLOWING CONTRACT WORK AS REQUIRED. LEAVE ALL WORK AREAS CLEANER THAN FOUND. LEGALLY DISPOSE OF ALL CONSTRUCTION DEBRIS.
O. PROVIDE TEMPORARY PIPING, DUCT, HEAT, WEATHERPROOFING, ETC. TO SERVICES TO REMAIN UNTIL PERMANENT INSTALLATIONS CAN BE MADE.
P. ALL EXCESS MATERIALS AND SCRAPS ARE CONTRACTOR'S PROPERTY. PROMPTLY REMOVE FROM SITE UNLESS SPECIFICALLY DIRECTED OTHERWISE.
Q. EXISTING HVAC COMPONENTS IN THIS BUILDING MAY CONTAIN, BE IN PROXIMITY TO, OR, WORK ON THEM MAY CAUSE DISTURBANCE OF, ASBESTOS CONTAINING OR OTHER HAZARDOUS MATERIALS. REFER TO ABATEMENT SERIES DRAWINGS AND SPECIFICATIONS COMPLETE FOR ADDITIONAL INFORMATION. PROVIDE FOR RE-INSULATION AS SPECIFIED FOR ALL EXISTING TO REMAIN HVAC COMPONENTS WHERE INSULATION IS REMOVED AS A PART OF ABATEMENT WORK.
R. SEAL ALL FLOOR, WALL AND CEILING PENETRATIONS PER FIRERESISTANCE RATINGS NOTED ON CODE COMPLIANCE DRAWINGS, BUT NOT LESS THAN 1-HOUR, AND IN ACCORDANCE WITH SECTION 07 84 13 -PENETRATION FIRESTOPPING. THIS INCLUDES ALL NEW PENETRATIONS AND EXISTING UNFIRESTOPPED PENETRATIONS CREATED BY REMOVALS, AS REQUIRED TO PERFORM THE WORK.



Key Plan
N.T.S.

N

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

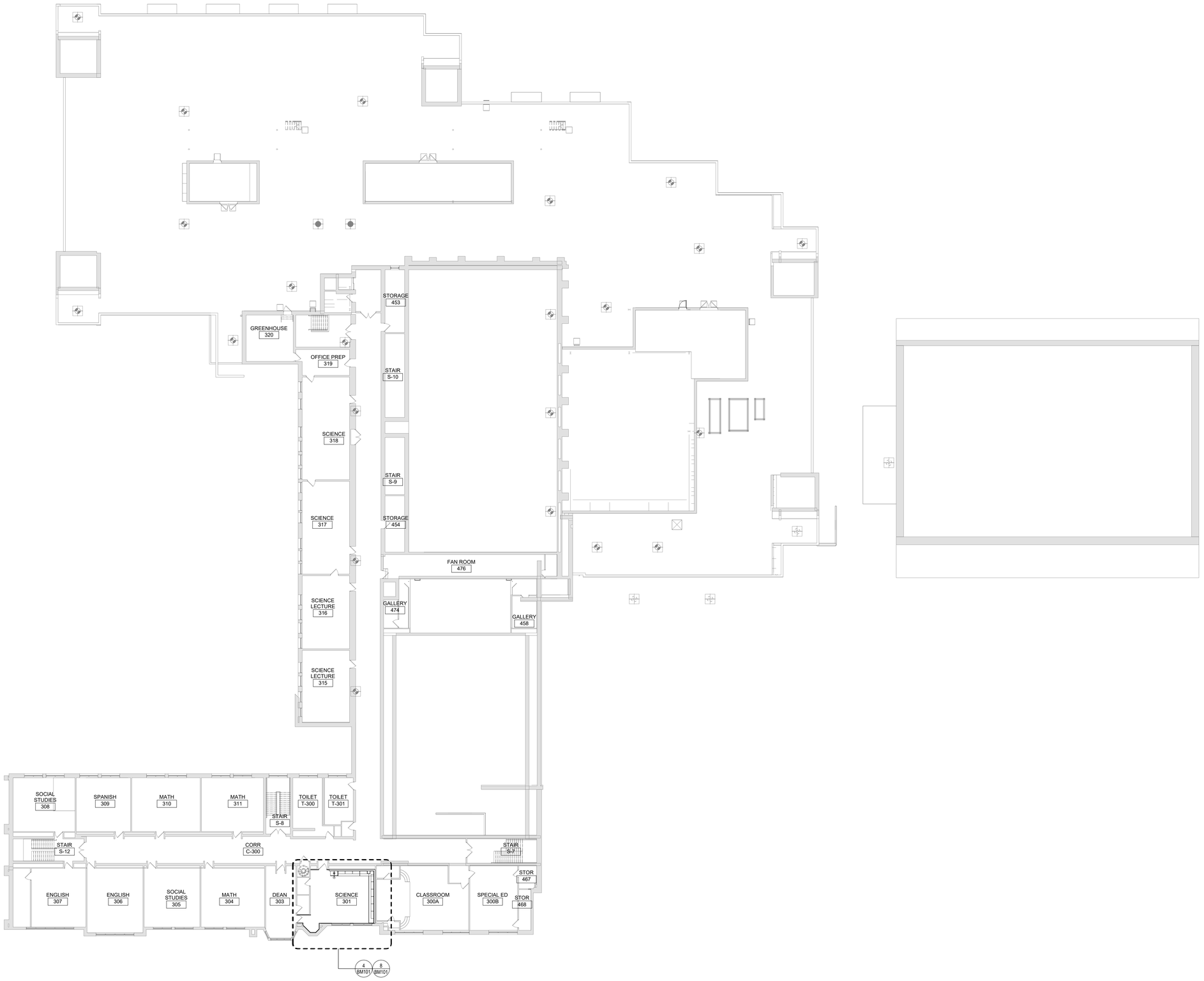
TETRA TECH
ARCHITECTS & ENGINEERS

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Dobbs Ferry Middle / High School

First Floor Key Plan

Drawn By:	Date:	Drawing Number:
DPM/jtk	12/1/2023	BM051
Project No.: 234903-23001		



1 Third Floor Key Plan
1/16" = 1'-0"

Key Plan
N.T.S.

N

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

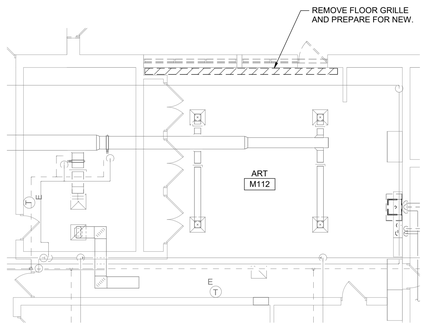
Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Dobbs Ferry Middle / High School

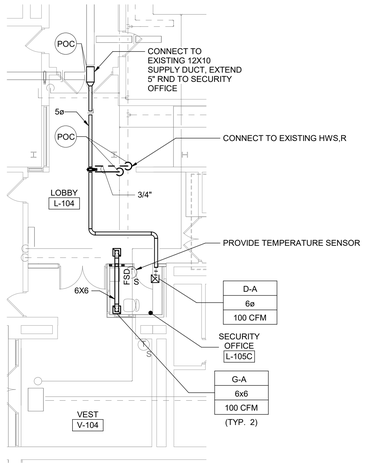
Third Floor Key Plan

Drawn By:	Date:	Drawing Number:
DPM/jtk	12/1/2023	BM052

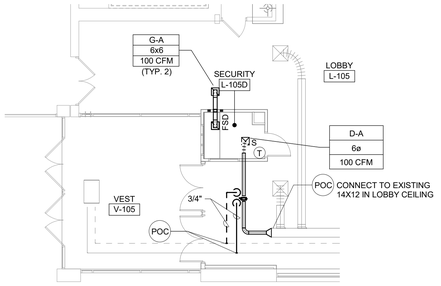
Project No.:
234903-23001



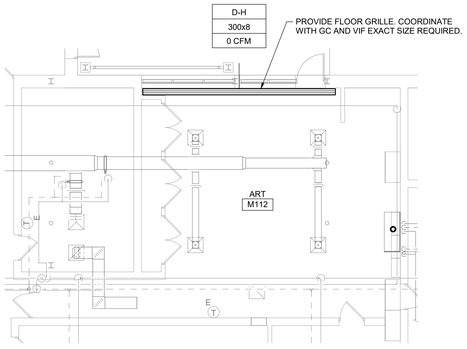
9 Partial First Floor Demolition Plan - Area B
1/8" = 1'-0"



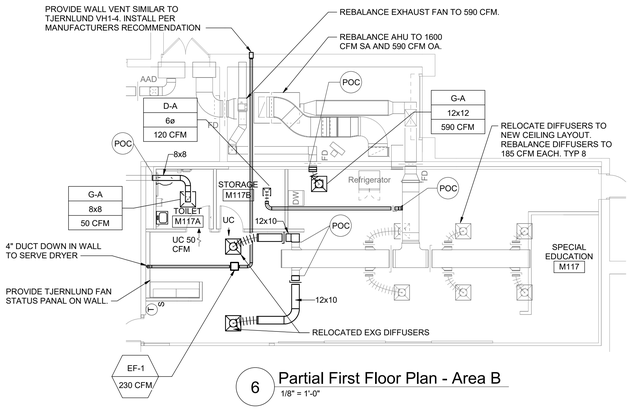
5 Partial First Floor Plan - Area A
1/8" = 1'-0"
BY ALTERNATE MHS-01



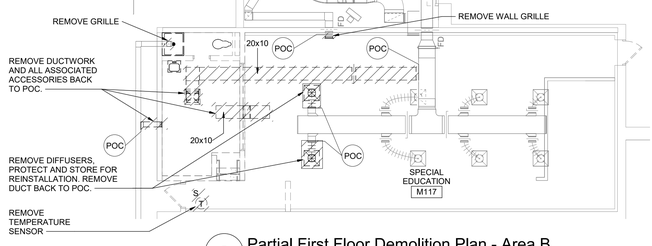
1 Partial First Floor Plan - Area C
1/8" = 1'-0"
BY ALTERNATE MHS-02



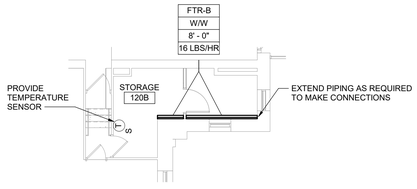
10 Partial First Floor Plan - Area B
1/8" = 1'-0"



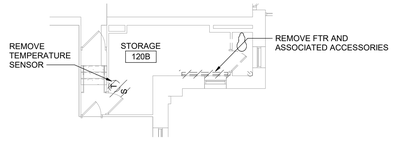
6 Partial First Floor Plan - Area B
1/8" = 1'-0"



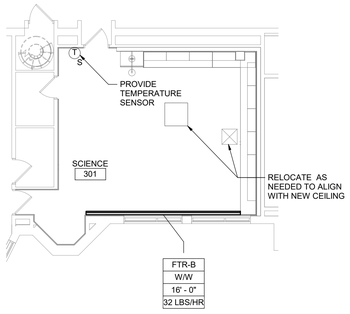
2 Partial First Floor Demolition Plan - Area B
1/8" = 1'-0"



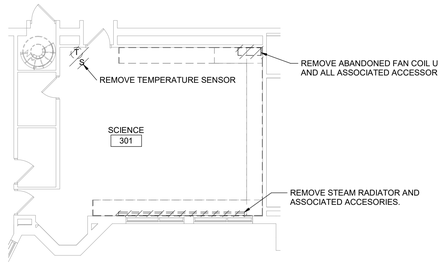
7 Partial First Floor Plan - Area A
1/8" = 1'-0"



3 Partial First Floor Demolition Plan - Area A
1/8" = 1'-0"



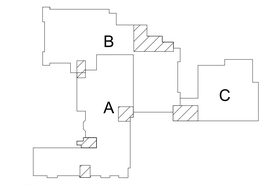
8 Partial Third Floor Plan - Area A
1/8" = 1'-0"



4 Partial Third Floor Demolition Plan - Area A
1/8" = 1'-0"

General Notes

A. REFER TO BM051 FOR GENERAL NOTES



Key Plan
N.T.S.

N

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

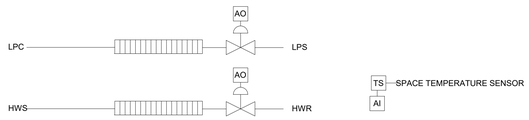
Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Dobbs Ferry Middle / High School

Partial First and Third Floor Plans

Drawn By:	Date:	Drawing Number:
DPM/jtk	12/1/2023	BM101

Project No.:
234903-23001



FIN TUBE RADIATION - WITH 2-WAY CONTROL VALVE - SEQUENCE OF OPERATIONS:

1. OCCUPIED MODE:
   a. WHEN THE SPACE TEMPERATURE IS AT OR BELOW THE OCCUPIED HEATING SETPOINT, THE CONTROL VALVE SHALL MODULATE OPEN AS REQUIRED TO MAINTAIN OCCUPIED SPACE SETPOINT.
2. UNOCCUPIED MODE:
   a. WHEN THE SPACE TEMPERATURE IS AT OR BELOW THE UNOCCUPIED HEATING SETPOINT, THE CONTROL VALVE SHALL MODULATE OPEN AS REQUIRED TO MAINTAIN UNOCCUPIED SPACE SETPOINT.
3. WARM-UP MODE:
   a. WHEN THE SPACE TEMPERATURE IS AT OR BELOW THE OCCUPIED HEATING SETPOINT, THE CONTROL VALVE SHALL MODULATE OPEN AS REQUIRED TO MAINTAIN OCCUPIED SPACE SETPOINT.
4. SAFETIES:
   a. IF THE SPACE TEMPERATURE IS LESS THAN THE HEATING SETPOINT BY 10 DEG. F (ADJUSTABLE), THE CONTROL VALVE SHALL MODULATE OPEN. AN ALARM SHALL BE ACTIVATED.

10 Fin Tube Radiation - With Two Way Valve Control
NTS

HOT WATER REHEAT COIL CONTROL:

1. PROVIDE FIELD MOUNTED CONTROLS.
2. HOT WATER REHEAT VALVE
   a. THE VAV HEATING COIL VALVE SHALL MODULATE AS REQUIRED TO MAINTAIN SPACE HEATING SETPOINT.
5. SAFETIES
   a. LOW LIMIT DISCHARGE AIR LOW LIMIT SET AT 38 DEG. F. (ADJ.)

11 Hot Water Reheat Coil Control
NTS

HOT WATER FIN TUBE RADIATION (FTR) SCHEDULE

Mark	MODEL	ENCLOSURE DATA				ELEMENT DATA						HEATING DATA			NOTES
		STYLE	HEIGHT (IN)	DEPTH (IN)	MOUNT HT. (IN.)	TUBE SIZE (IN.)	FIN SIZE (IN.)	FINS/FT.	TUBE MAT.	FIN MAT.	NO. TIERS	EWT (°F)	WTD (°F)	BTU/HR PER L.F.	
FTR-8	JVB-S	SLOPE	24	5-5/16"	28	3/4"	4-1/4" SQ	50	COPPER	ALUMINUM	1	180	40	1200	1,2,3

STEAM FIN TUBE RADIATION (FTR) SCHEDULE

Mark	MODEL	ENCLOSURE DATA				ELEMENT DATA						HEATING DATA	NOTES
		STYLE	HEIGHT (IN)	DEPTH (IN)	MOUNT HT. (IN.)	TUBE SIZE (IN.)	FIN SIZE (IN.)	FINS/FT.	TUBE MAT.	FIN MAT.	NO. TIERS	BTU/HR PER L.F.	
FTR-B2	JVB-S	SLOPE	24	5-5/16"	28	3/4"	4-1/4" SQ	50	COPPER	ALUMINUM	1	2470	1,2,3

NOTES:
1. DESIGN MAKE: STERLING
2. COILS SHALL HAVE SAME SIDE CONNECTIONS.
3. COLOR SELECTED BY ARCHITECT

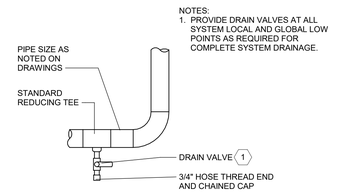
REHEAT COIL (RHC) SCHEDULE

DWG LABEL	SERVES	LOCATION	SIZE	AIRFLOW (CFM)	AIRSIDE DATA					HYDRONIC DATA				NOTES
					NO. ROWS	APD (in-wg)	EAT (°F)	LAT (°F)	HEATING CAPACITY (MBH)	HWS (°F)	HWR (°F)	GPM	WPD (ftH2O)	
RHC-105	SECURITY L-105D	LOBBY 105	6X6	100	2	0.23	55.0	104.1	6.4	180	150	0.5	0.03	
RHC-104	SECURITY L-104C	LOBBY 104	6X6	100	2	0.23	55.0	104.1	6.4	180	150	0.5	0.03	

FAN (EF) SCHEDULE

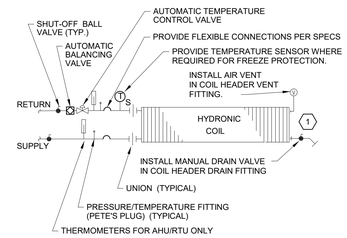
EQUIP NO.	LOCATION	SERVES	MODEL	AIRFLOW (CFM)	POWER (WATTS)	VOLTAGE	PHASE	FLA	NOTES
EF-1	M117	DYRER	LB2XL	230	110	120	1	0.92	1

NOTES:
1. DESIGN MAKE: TJERNLUND



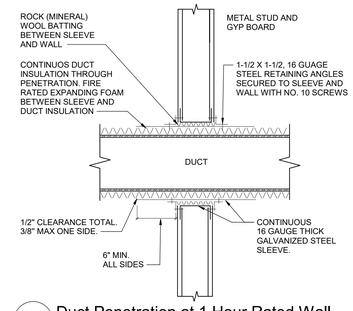
1 PROVIDE 3/4" FULL PORT BALL VALVE FOR 2 1/2" AND LARGER SERVICE
PROVIDE BALL OR 1/2" GLOBE VALVE FOR 2" AND SMALLER SERVICE

6 Low Point Drain Detail
NTS

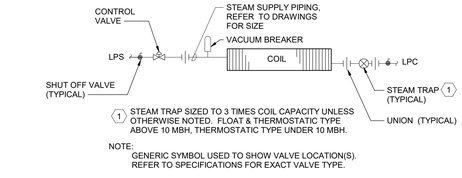


1 FOR COILS WITHOUT HEADERS, PROVIDE AIR VENT AND DRAIN VALVE IN ADJACENT SYSTEM HIGH AND LOW POINTS ON COIL SIDE OF COIL ISOLATION VALVES.

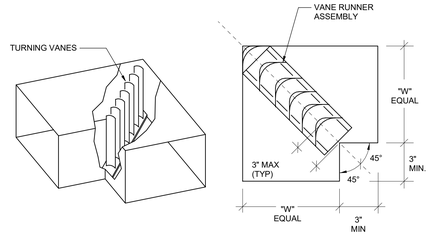
7 Hydronic Coil Piping Detail
NTS



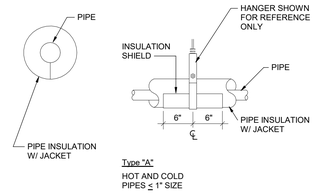
8 Duct Penetration at 1 Hour Rated Wall
NTS



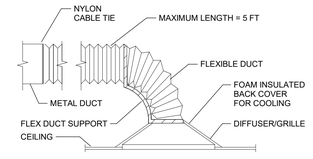
9 Steam Finned Tube Radiation Piping Detail
NTS



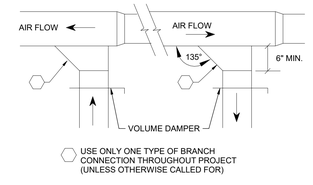
1 Duct Turning Vanes
NTS



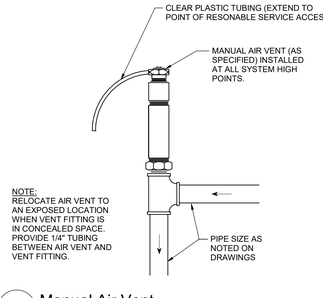
2 Insulation Shield and Blocking Detail
NTS



3 Ceiling Diffuser/Grille With Flex Duct
NTS



4 Duct Detail
NTS



5 Manual Air Vent
NTS

TEMPERATURE CONTROLS SYMBOLS LIST

AI	ANALOG IN
AO	ANALOG OUT
COM	COMMUNICATIONS PORT
CS	AIRBORNE CONTAMINANT SENSOR
DI	DIGITAL IN
	DAMPER MOTOR
DO	DIGITAL OUT
EMCS	ENERGY MANAGEMENT CONTROL SYSTEM
F	FLOW (WATER/AIR)
FM	FLOW METER
FS	AIR FLOW SENSOR
FZ	FREEZE STAT
H	HUMIDITY SENSOR
HL	HIGH LIMIT
KWH	KILOWATT HOUR METER
LL	LOW LIMIT
M/S	MANUAL SWITCH STOP / START
P	PRESSURE SENSOR
ΔP	DIFFERENTIAL PRESSURE
PS	POSITION SENSOR
S/S	STOP / START
SD	SMOKE DETECTOR
ST	STATUS
START	STARTER
T	ADJUSTABLE THERMOSTAT
TS	TEMPERATURE SENSOR
VFD	VARIABLE FREQUENCY DRIVE
WS	WATER SENSOR
%	PERCENT
ES	END SWITCH
BS	BOILER SWITCH

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

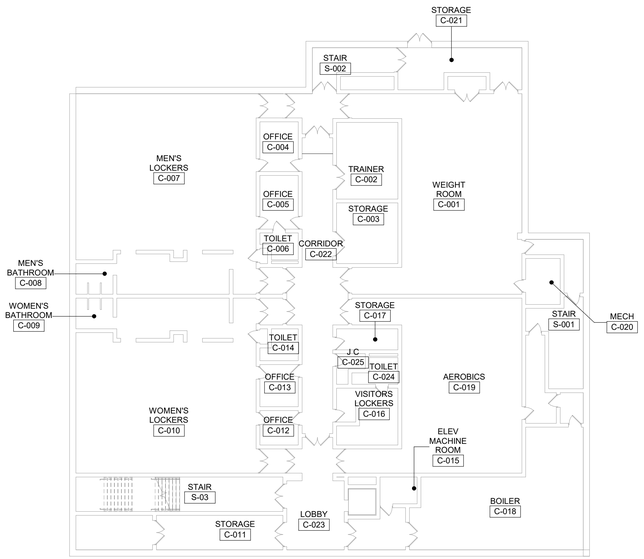
Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Dobbs Ferry Middle / High School

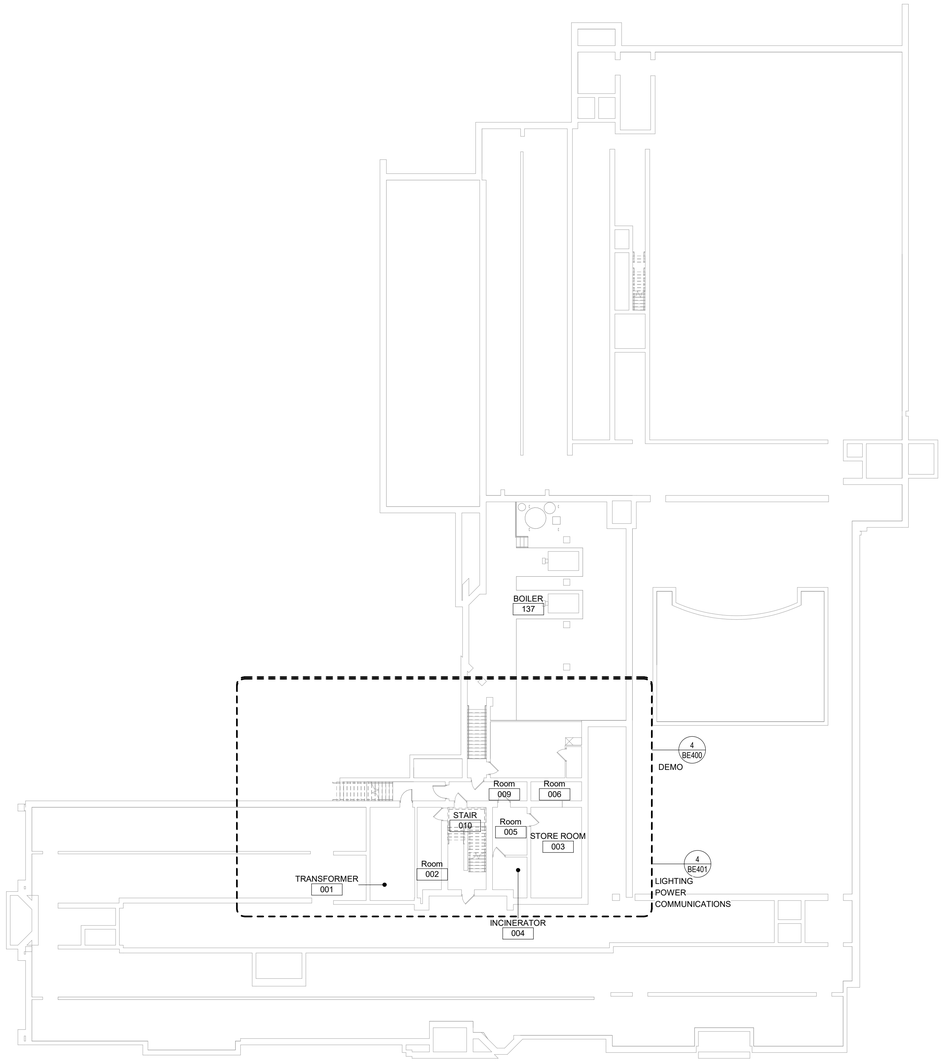
Details, Schedules, and Controls

Drawn By:	Date:	Drawing Number:
DPM/jtk	12/1/2023	BM500

Project No.: 234903-23001



1 Basement Key Plan - Area C
1/16" = 1'-0"



2 Basement Key Plan - Area A
1/16" = 1'-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. 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.

B. EC IS SOLELY RESPONSIBLE FOR ALL COSTS, FEES, AND PERMITS AS REQUIRED BY ELECTRICAL UTILITY COMPANY ASSOCIATED WITH THE INSTALLATION OF THE NEW EQUIPMENT.

C. REFER TO DRAWING SA FOR STANDARD SYMBOLS AND ABBREVIATIONS.

D. TEMPORARILY DISMANTLE AND REMOVE EXISTING CORRIDOR CEILINGS AS REQUIRED FOR THE INSTALLATION OF NEW ELECTRICAL WORK. PROPERLY STORE CEILING COMPONENTS FOR REINSTALLATION. REINSTALL CEILINGS UPON COMPLETION OF WORK. PATCH TO MATCH EXISTING CONDITIONS ALL DAMAGED SURFACES RESULTING FROM WORK PERFORMED UNDER THE EC'S CONTRACT.

E. IN EXISTING CONSTRUCTION, ROUTE SURFACE RACEWAY AS FOLLOWS: LOCATE VERTICAL RUNS IN CORNERS OR ALONG MOLDINGS. (RUN ABOVE CEILINGS WHERE NEW CEILINGS ARE BEING INSTALLED.) HORIZONTAL RUNS SHALL NOT EXCEED 20'-0" IN LENGTH WHEREVER POSSIBLE.

F. WHEN INSTALLING NEW DEVICES IN EXISTING LOCATIONS, REUSE EXISTING CONDUIT/RACEWAY AND BACKBOXES IF IN GOOD CONDITION. EXTEND/INSTALL NEW CONDUIT/RACEWAY AS REQUIRED FOR PROPER MOUNTING OF DEVICE. CONCEAL ABOVE CEILINGS OR WITHIN WALLS WHERE POSSIBLE.

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

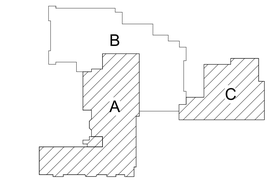
1. SWITCHES AND PANIC STATIONS..... 48" (TO TOP)
2. RECEPTACLES..... 16"
3. COMPUTER RECEPTACLES..... 16"
4. WALL (W) TELEPHONE AND/OR CALL SWITCHES... 48" (TO TOP)
5. TELEPHONE OUTLETS (UNLABELED)..... 16"
6. VOLUME CONTROLS..... 48" (TO TOP)
7. TELEVISION OUTLETS..... 16"
8. FIRE ALARM PULL STATIONS..... 48" (TO TOP)
9. FIRE ALARM AUDIO/VISUAL UNITS..... 88"
   * (OR 6" BELOW CEILING, WHICHEVER IS LOWER)
10. POWER PANELS..... 72" (TO TOP)
11. DISCONNECT SWITCHES..... 60" (TO TOP)
12. MOTOR STARTERS..... 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.

H. COORDINATE ALL ELECTRICAL WORK WITH OTHER TRADES.

J. ELECTRICAL WORK PRIME CONTRACT SHALL INCLUDE, BUT IS NOT LIMITED TO, ALL POWER DISTRIBUTION WORK INCLUDING PANELS, FEEDERS, BRANCH CIRCUIT WIRING, AND POWER RECEPTACLES. EC SHALL ALSO PROVIDE ALL DUAL COMPARTMENT SURFACE RACEWAY AND COORDINATE EXACT LOCATIONS AND CONFIGURATIONS WITH THE OWNER & TC PRIOR TO INSTALLATION. ELECTRICAL WORK PRIME CONTRACT SHALL NOT INCLUDE VOICE OR DATA CABLING, DEVICES, OR TERMINATIONS OF THOSE DEVICES.

K. 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.



Key Plan
N.T.S.

N

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

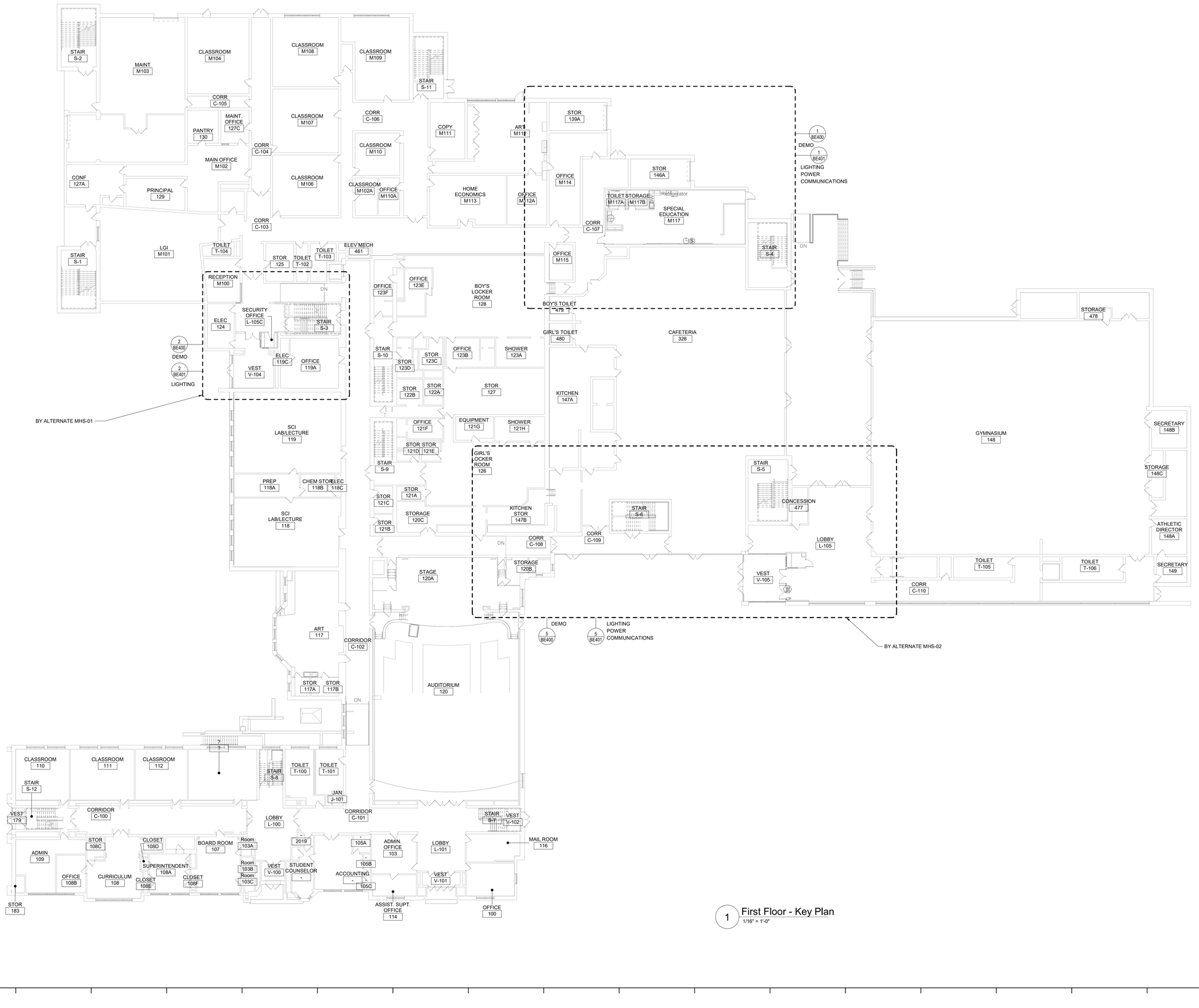
TETRA TECH
ARCHITECTS & ENGINEERS

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Dobbs Ferry Middle / High School

Basement and Pipe Crawl Space Key Plan

Drawn By:	Date:	Drawing Number:
CR/HM/ded	12/1/2023	BE050
Project No.: 234903-23001		

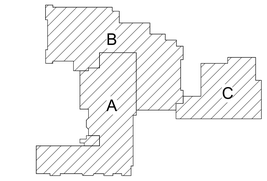


1 First Floor - Key Plan
1/16" = 1'-0"

General Notes

A. REFER TO BE050 FOR GENERAL NOTES.

B. PROVIDE CONNECTIONS TO EXISTING SMOKE DAMPERS AND COMBINATION FIRE/SMOKE DAMPERS TO NEW FIRE ALARM SYSTEM.



Key Plan
N.T.S.

N

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

BID SET

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

TETRA TECH
ARCHITECTS & ENGINEERS

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Dobbs Ferry Middle / High School

First Floor Key Plan

Drawn By:	Date:	Drawing Number:
CR/HM/ded	12/1/2023	BE051
Project No.:		
234903-23001		

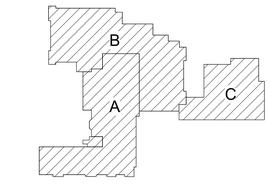


1 Second Floor - Key Plan
1/16" = 1'-0"

General Notes

A. REFER TO BE050 FOR GENERAL NOTES.

B. PROVIDE CONNECTIONS TO EXISTING SMOKE DAMPERS AND COMBINATION FIRE/SMOKE DAMPERS TO NEW FIRE ALARM SYSTEM.



Key Plan
N.T.S.

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

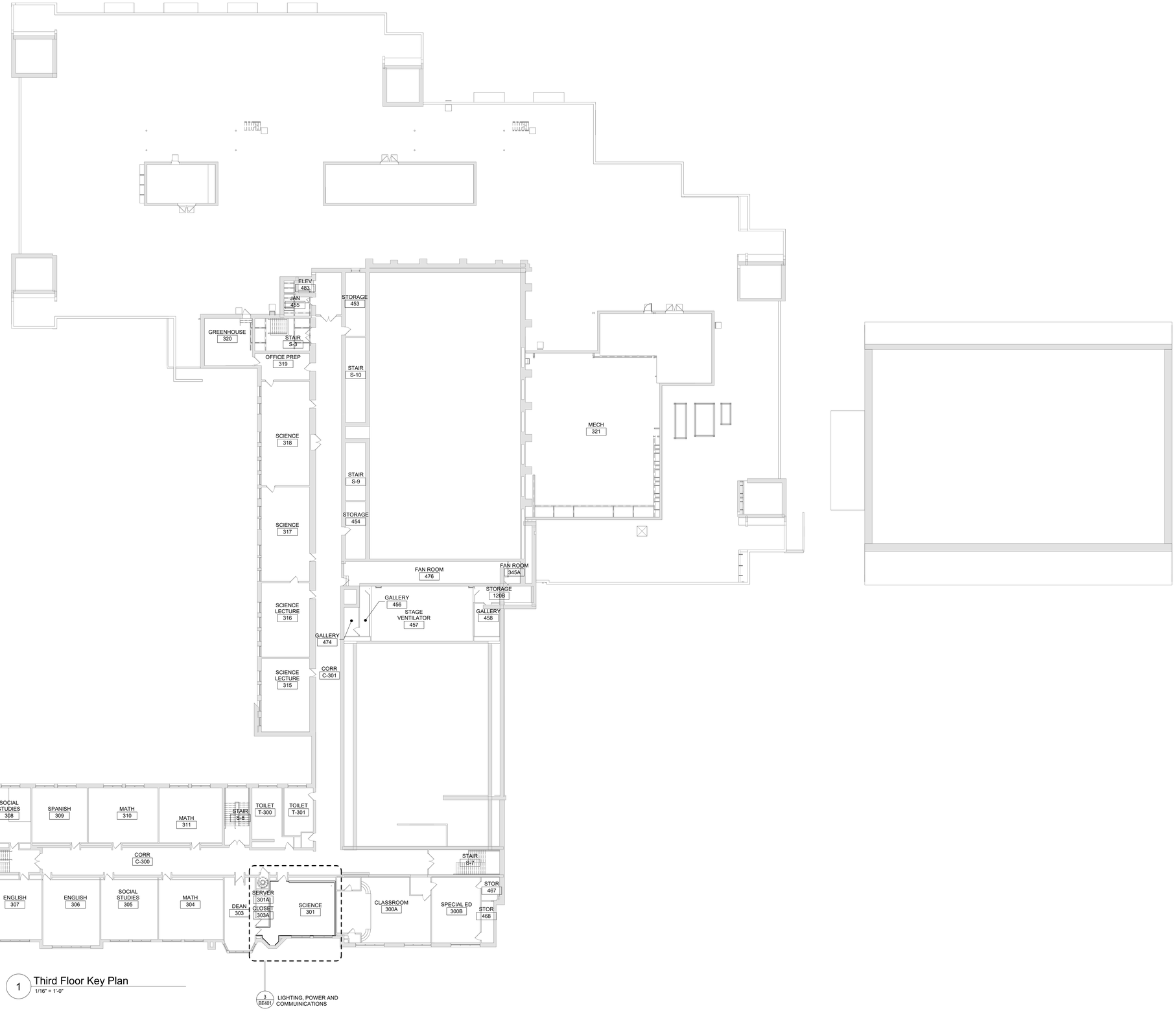
Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Dobbs Ferry Middle / High School

Second Floor Key Plan

Drawn By:	Date:	Drawing Number:
CR/HM/ded	12/1/2023	BE052

Project No.: 234903-23001



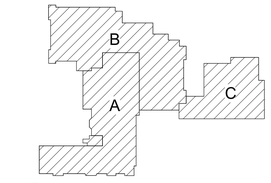
1 Third Floor Key Plan
1/16" = 1'-0"

3/BE401 LIGHTING, POWER AND COMMUNINICATIONS

General Notes

A. REFER TO BE050 FOR GENERAL NOTES.

B. PROVIDE CONNECTIONS TO EXISTING SMOKE DAMPERS AND COMBINATION FIRE/SMOKE DAMPERS TO NEW FIRE ALARM SYSTEM.



Key Plan
N.T.S.

N

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

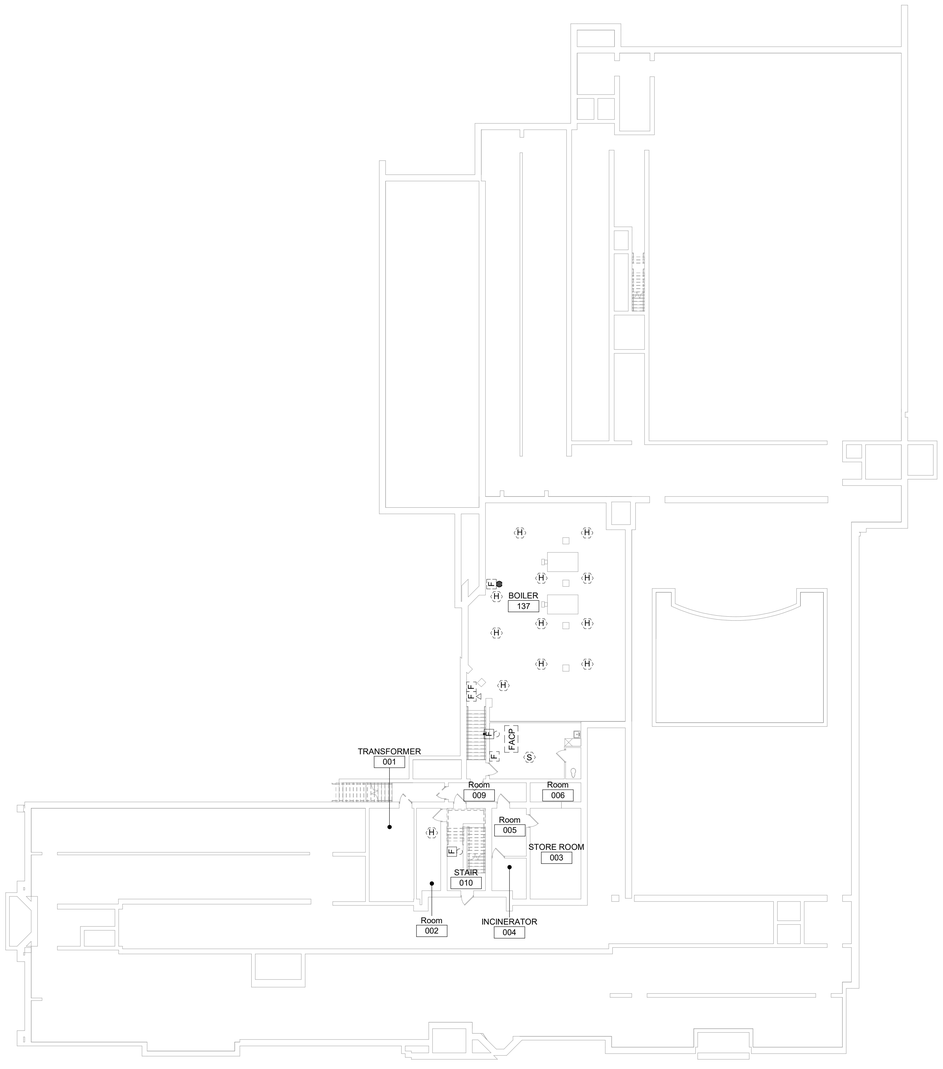
TETRA TECH
ARCHITECTS & ENGINEERS

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

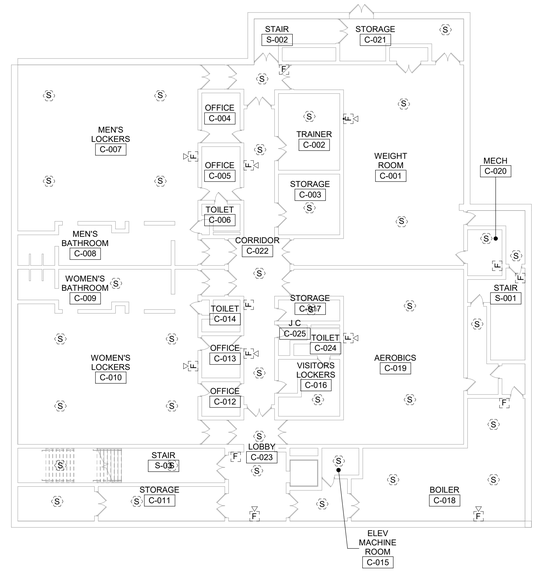
Reconstruction to:
Dobbs Ferry Middle / High School

Third Floor Key Plan

Drawn By:	Date:	Drawing Number:
CR/HM/ded	12/1/2023	BE053
Project No.: 234903-23001		



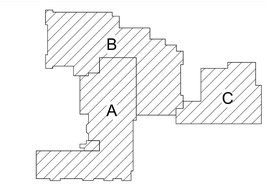
1 Basement - Demolition Plan
1/16" = 1'-0"



General Notes

A. REFER TO BE050 FOR GENERAL NOTES.

B. PROVIDE CONNECTIONS TO EXISTING SMOKE DAMPERS AND COMBINATION FIRE/SMOKE DAMPERS TO NEW FIRE ALARM SYSTEM.



Key Plan
N.T.S.

N

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

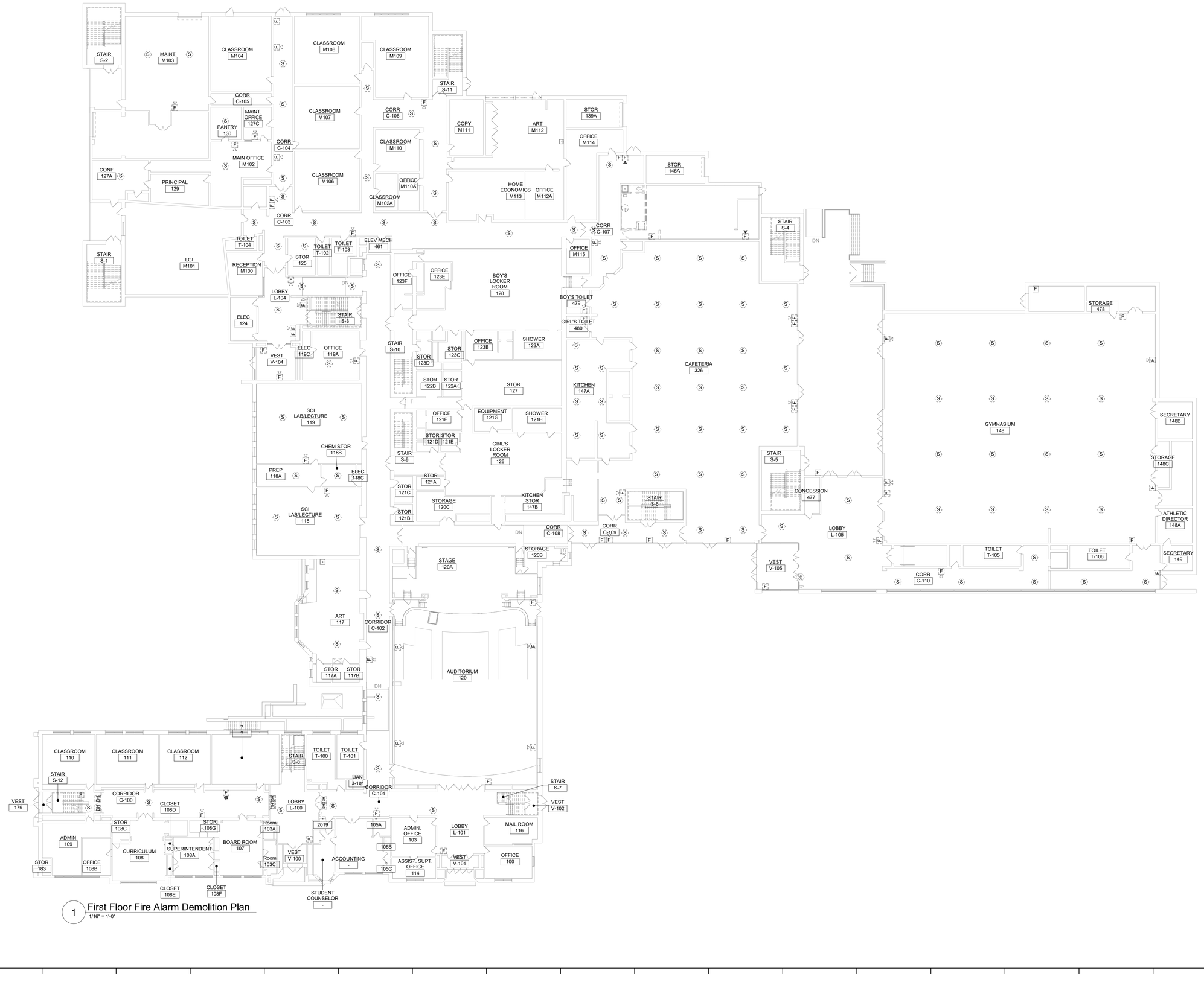
Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Dobbs Ferry Middle / High School

Basement Fire Alarm Demolition Plan

Drawn By:	Date:	Drawing Number:
HM/ded	12/1/2023	BE200

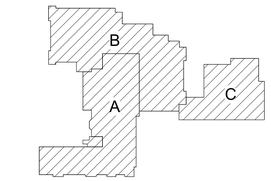
Project No.:
234903-23001



General Notes

A. REFER TO BE050 FOR GENERAL NOTES.

B. PROVIDE CONNECTIONS TO EXISTING SMOKE DAMPERS AND COMBINATION FIRE/SMOKE DAMPERS TO NEW FIRE ALARM SYSTEM.



Key Plan
N.T.S.

N

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

BID SET

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

TETRA TECH
ARCHITECTS & ENGINEERS

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Dobbs Ferry Middle / High School

First Floor Fire Alarm Demolition Plan

Drawn By:	Date:	Drawing Number:
HM/ded	12/1/2023	BE201

Project No.: 234903-23001

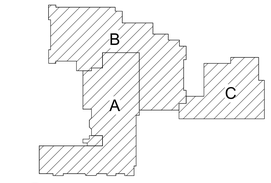


1 Second Floor Fire Alarm Demolition Plan
1/16" = 1'-0"

General Notes

A. REFER TO BE050 FOR GENERAL NOTES.

B. PROVIDE CONNECTIONS TO EXISTING SMOKE DAMPERS AND COMBINATION FIRE/SMOKE DAMPERS TO NEW FIRE ALARM SYSTEM.



Key Plan
N.T.S.

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

BID SET

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

TETRA TECH ARCHITECTS & ENGINEERS

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Dobbs Ferry Middle / High School

Second Floor Fire Alarm Demolition Plan

Drawn By:	Date:	Drawing Number:
HM/ded	12/1/2023	BE202
Project No.: 234903-23001		

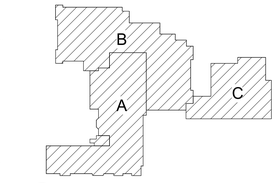


1 Third Floor Fire Alarm Demolition Plan
1/16" = 1'-0"

General Notes

A. REFER TO BE050 FOR GENERAL NOTES.

B. PROVIDE CONNECTIONS TO EXISTING SMOKE DAMPERS AND COMBINATION FIRE/SMOKE DAMPERS TO NEW FIRE ALARM SYSTEM.



Key Plan
N.T.S.

N

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

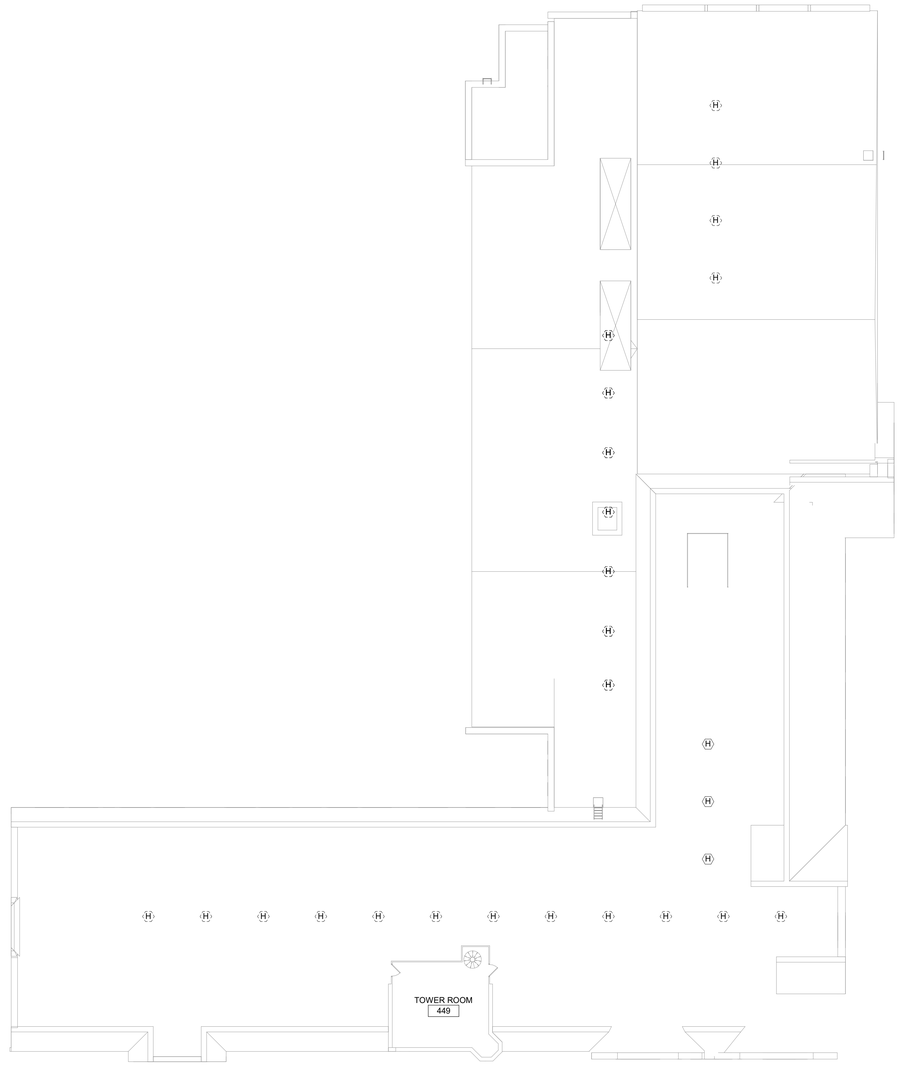
TETRA TECH
ARCHITECTS & ENGINEERS

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Dobbs Ferry Middle / High School

Third Floor Fire Alarm Demolition Plan

Drawn By:	Date:	Drawing Number:
HM/ded	12/1/2023	BE204
Project No.: 234903-23001		

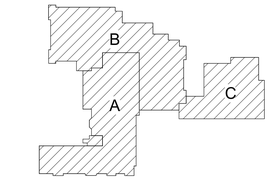


1 Attic Fire Alarm Demoliton Plan
1/16" = 1'-0"

General Notes

A. REFER TO BE050 FOR GENERAL NOTES.

B. PROVIDE CONNECTIONS TO EXISTING SMOKE DAMPERS AND COMBINATION FIRE/SMOKE DAMPERS TO NEW FIRE ALARM SYSTEM.



Key Plan
N.T.S.

N

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

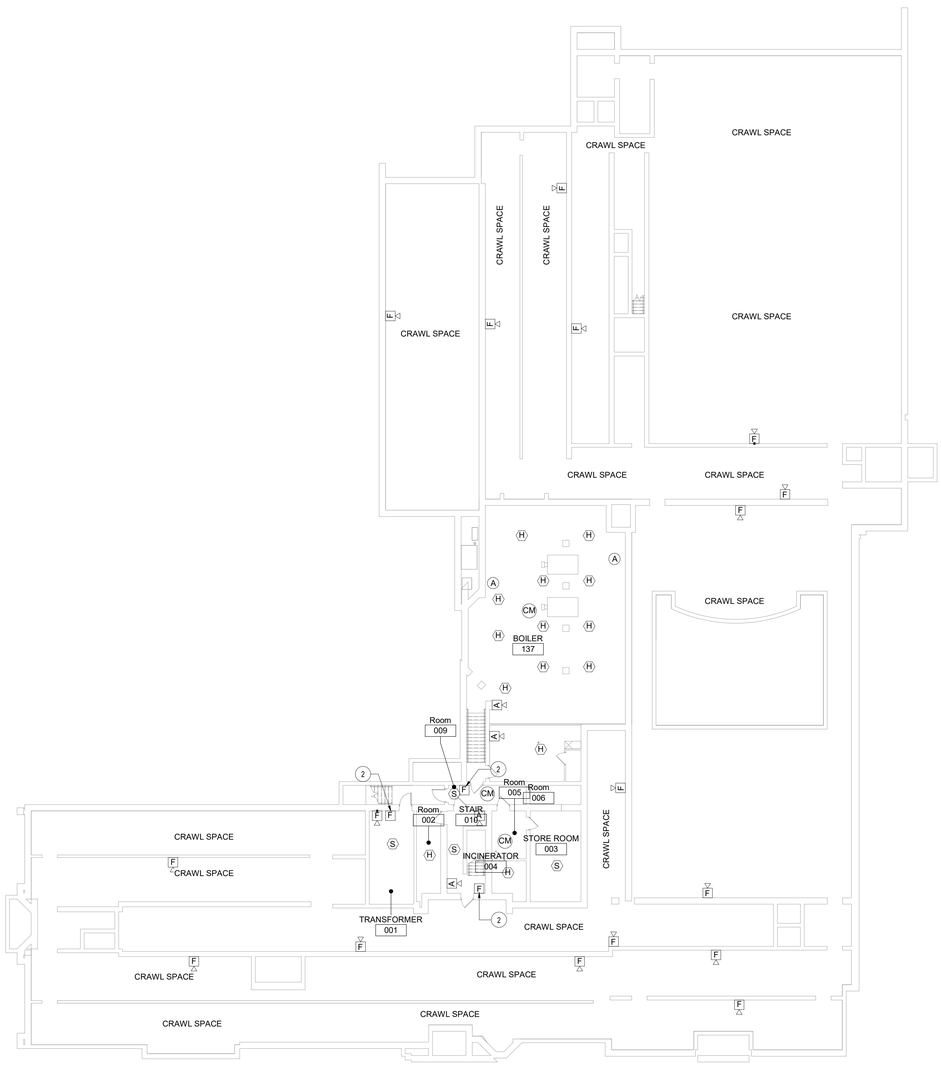
TETRA TECH
ARCHITECTS & ENGINEERS

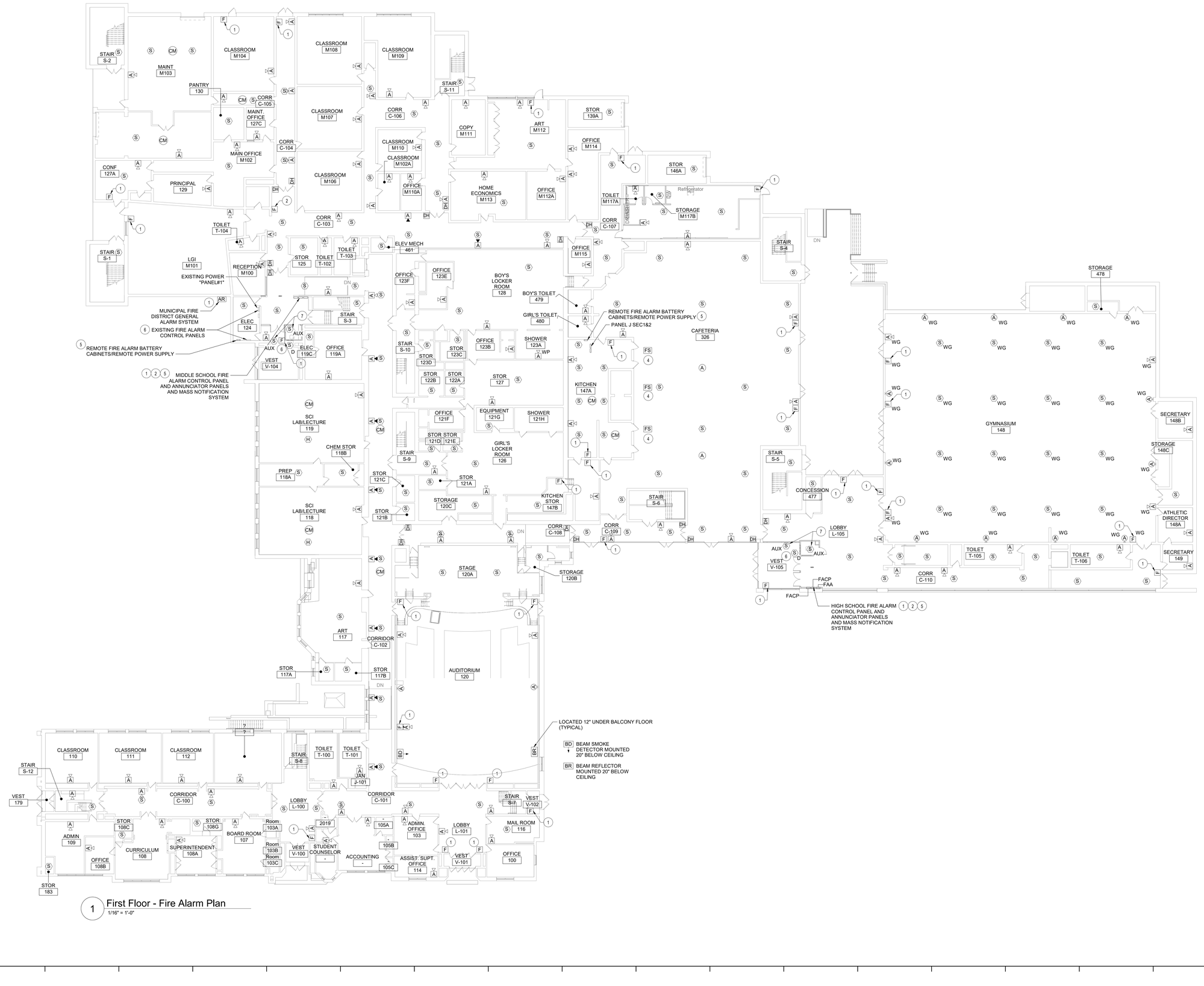
Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Dobbs Ferry Middle / High School

Attic Fire Alarm Demoliton Plan

Drawn By:	Date:	Drawing Number:
HM/ded	12/1/2023	BE205
Project No.: 234903-23001		


CRAWL SPACE
CRAWL SPACE
CRAWL SPACE



1 First Floor - Fire Alarm Plan
1/16" = 1'-0"

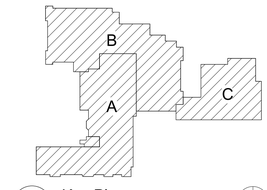
KEYNOTES

1. PULL STATIONS SHALL BE INSTALLED BETWEEN 42" AND 48" PER DETAIL 3/BE501. PROVIDE SURFACE MOUNTED PAINTABLE RACEWAY TO EXTEND PATHWAY TO REQUIRED PULL STATION LOCATIONS. EXTEND/MODIFY CIRCUITRY AS NECESSARY TO SUPPORT THE PULL STATION. PAINT SURFACE MOUNTED RACEWAY IN COLOR DETERMINED BY ARCHITECT.

General Notes

A. REFER TO BE050 FOR GENERAL NOTES.

B. PROVIDE CONNECTIONS TO EXISTING SMOKE DAMPERS AND COMBINATION FIRE/SMOKE DAMPERS TO NEW FIRE ALARM SYSTEM.



Key Plan
N.T.S.

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Dobbs Ferry Middle / High School

First Floor Fire Alarm Plan

Drawn By:	Date:	Drawing Number:
HM/ded	12/1/2023	BE207

Project No.: 234903-23001



1 Second Floor - Fire Alarm Plan
1/16" = 1'-0"

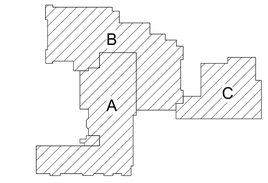
KEYNOTES

1. PULL STATIONS SHALL BE INSTALLED BETWEEN 42" AND 48" PER DETAIL 3/BE501. PROVIDE SURFACE MOUNTED PAINTABLE RACEWAY TO EXTEND PATHWAY TO REQUIRED PULL STATION LOCATIONS. EXTEND/MODIFY CIRCUITRY AS NECESSARY TO SUPPORT THE PULL STATION. PAINT SURFACE MOUNTED RACEWAY IN COLOR DETERMINED BY ARCHITECT.

General Notes

A. REFER TO BE050 FOR GENERAL NOTES.

B. PROVIDE CONNECTIONS TO EXISTING SMOKE DAMPERS AND COMBINATION FIRE/SMOKE DAMPERS TO NEW FIRE ALARM SYSTEM.



Key Plan
N.T.S.

N

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

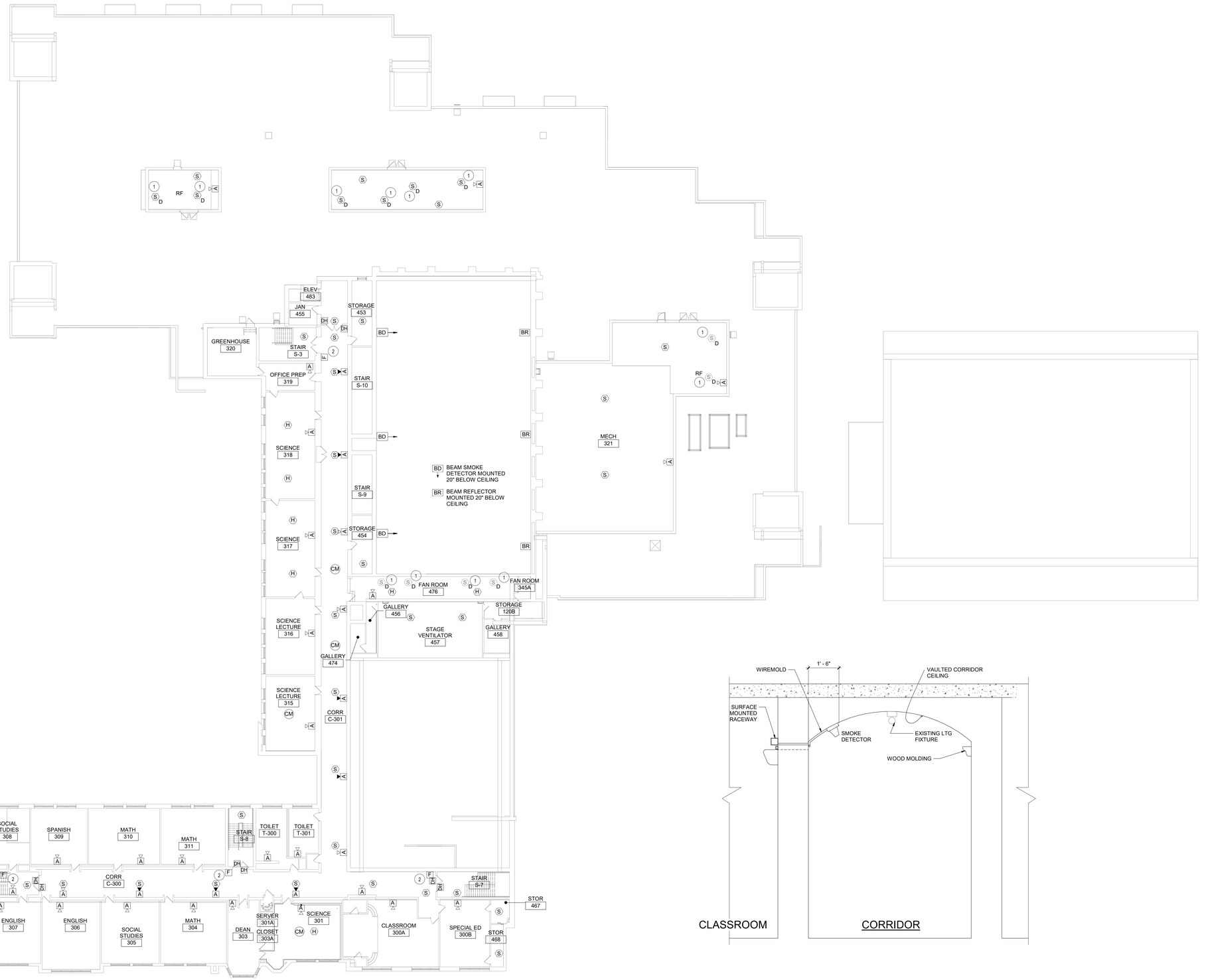
TETRA TECH
ARCHITECTS & ENGINEERS

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Dobbs Ferry Middle / High School

Second Floor Fire Alarm Plan

Drawn By:	Date:	Drawing Number:
HM/ded	12/1/2023	BE208
Project No.: 234903-23001		



2 Third Floor Fire Alarm Plan
1/16" = 1'-0"

1 ELEVATION - SECTION SHOWING FIRE ALARM SMOKE DETECTOR
1/2" = 1'-0"

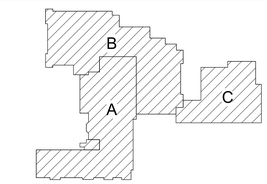
KEYNOTES

1. EXISTING HVAC UNIT DUCT SMOKE DETECTORS SHALL BE PROVIDED WITH ZONE ADDRESSABLE MODULES FOR CONTROL AND MONITORING AND SHALL BE CONNECTED TO THE CORRESPONDING FIRE ALARM CONTROL PANEL FOR THAT SCHOOL. COORDINATE WITH FIRE ALARM SYSTEM MANUFACTURER AND HVAC UNIT MANUFACTURER.
2. PULL STATIONS SHALL BE INSTALLED BETWEEN 42" AND 48" PER DETAIL 3/BE501. PROVIDE SURFACE MOUNTED PAINTABLE RACEWAY TO EXTEND PATHWAY TO REQUIRED PULL STATION LOCATIONS. EXTEND/MODIFY CIRCURITRY AS NECESSARY TO SUPPORT THE PULL STATION. PAINT SURFACE MOUNTED RACEWAY IN COLOR DETERMINED BY ARCHITECT.

General Notes

A. REFER TO BE050 FOR GENERAL NOTES.

B. PROVIDE CONNECTIONS TO EXISTING SMOKE DAMPERS AND COMBINATION FIRE/SMOKE DAMPERS TO NEW FIRE ALARM SYSTEM.



Key Plan
N.T.S.

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

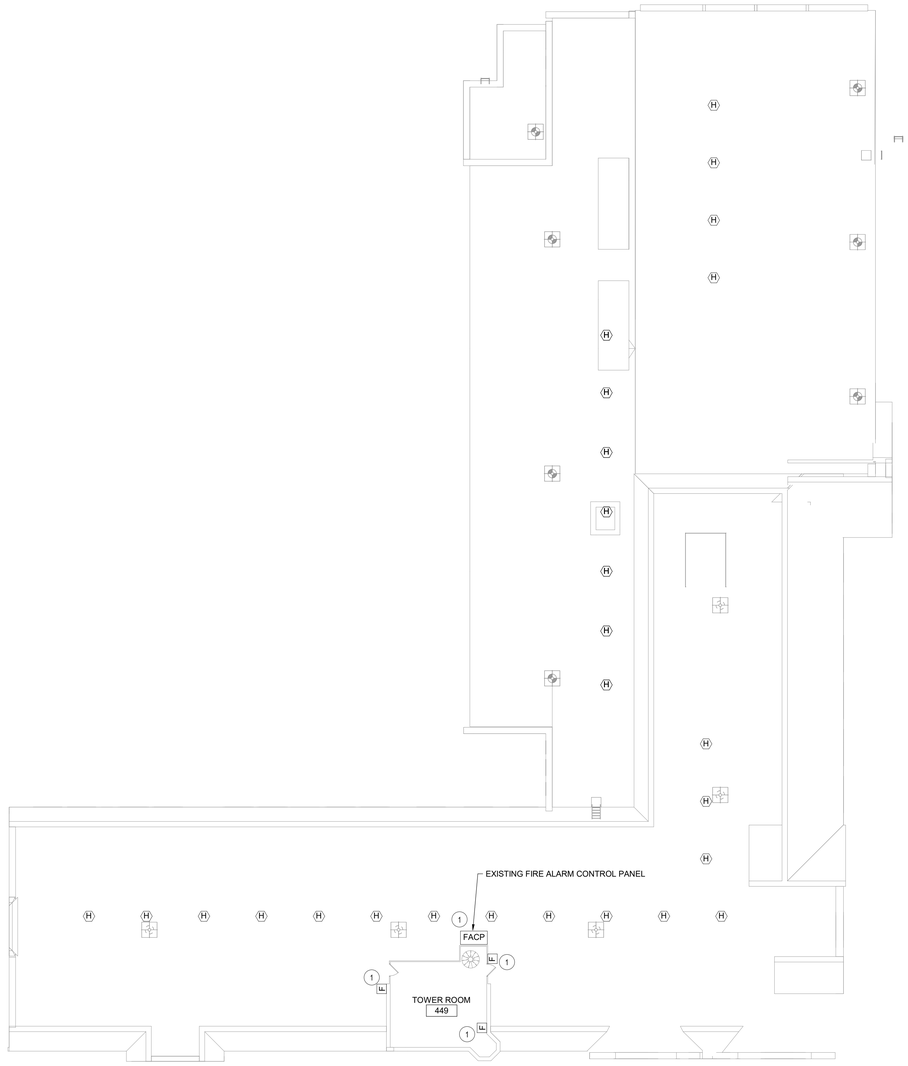
TETRA TECH
ARCHITECTS & ENGINEERS

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Dobbs Ferry Middle / High School

Third Floor Fire Alarm Plan

Drawn By:	Date:	Drawing Number:
HM/ded	12/1/2023	BE209
Project No.: 234903-23001		



1 Attic Fire Alarm Plan
1/16" = 1'-0"

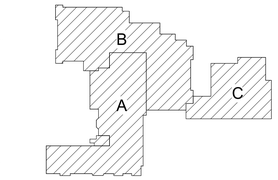
KEYNOTES

1. PULL STATIONS SHALL BE INSTALLED BETWEEN 42" AND 48" PER DETAIL 3/BE501. PROVIDE SURFACE MOUNTED PAINTABLE RACEWAY TO EXTEND PATHWAY TO REQUIRED PULL STATION LOCATIONS. EXTEND/MODIFY CIRCUITRY AS NECESSARY TO SUPPORT THE PULL STATION. PAINT SURFACE MOUNTED RACEWAY IN COLOR DETERMINED BY ARCHITECT.

General Notes

A. REFER TO BE050 FOR GENERAL NOTES.

B. PROVIDE CONNECTIONS TO EXISTING SMOKE DAMPERS AND COMBINATION FIRE/SMOKE DAMPERS TO NEW FIRE ALARM SYSTEM.



Key Plan
N.T.S.

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

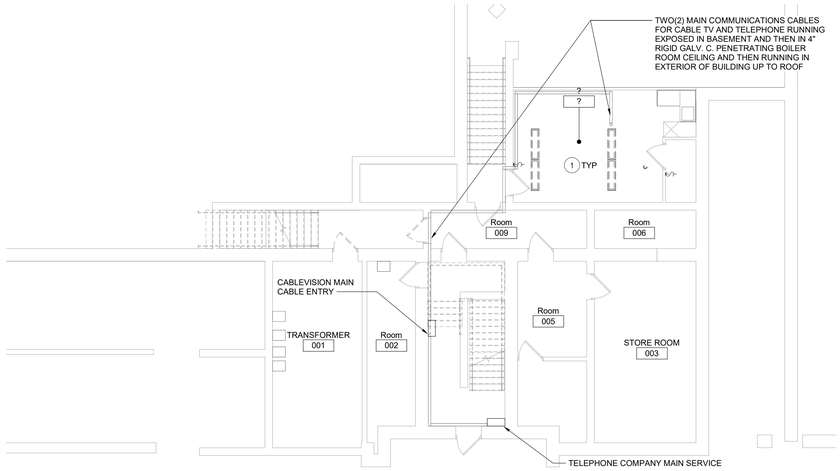
TETRA TECH
ARCHITECTS & ENGINEERS

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

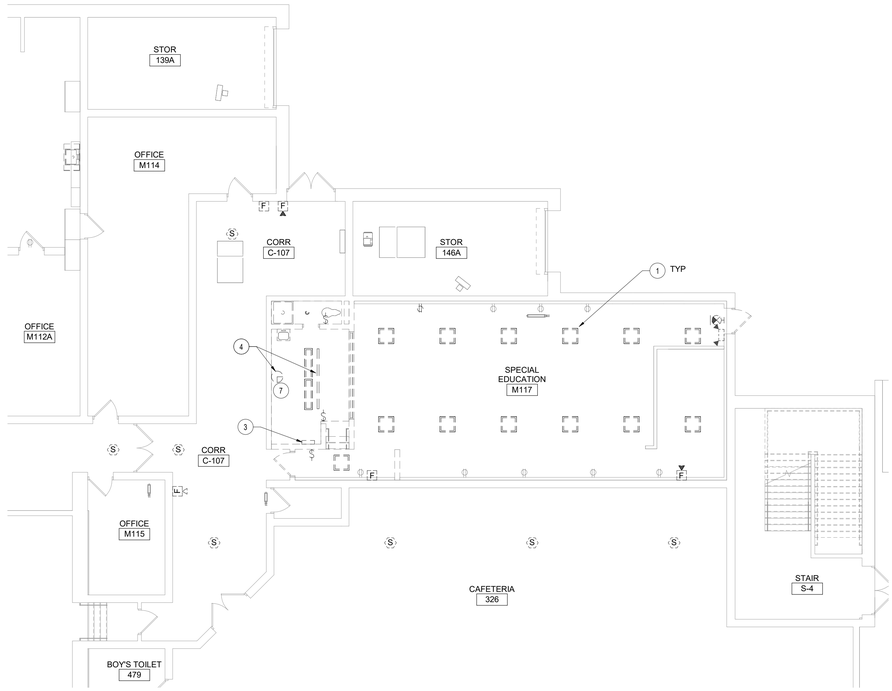
Reconstruction to:
Dobbs Ferry Middle / High School

Attic Fire Alarm Plan

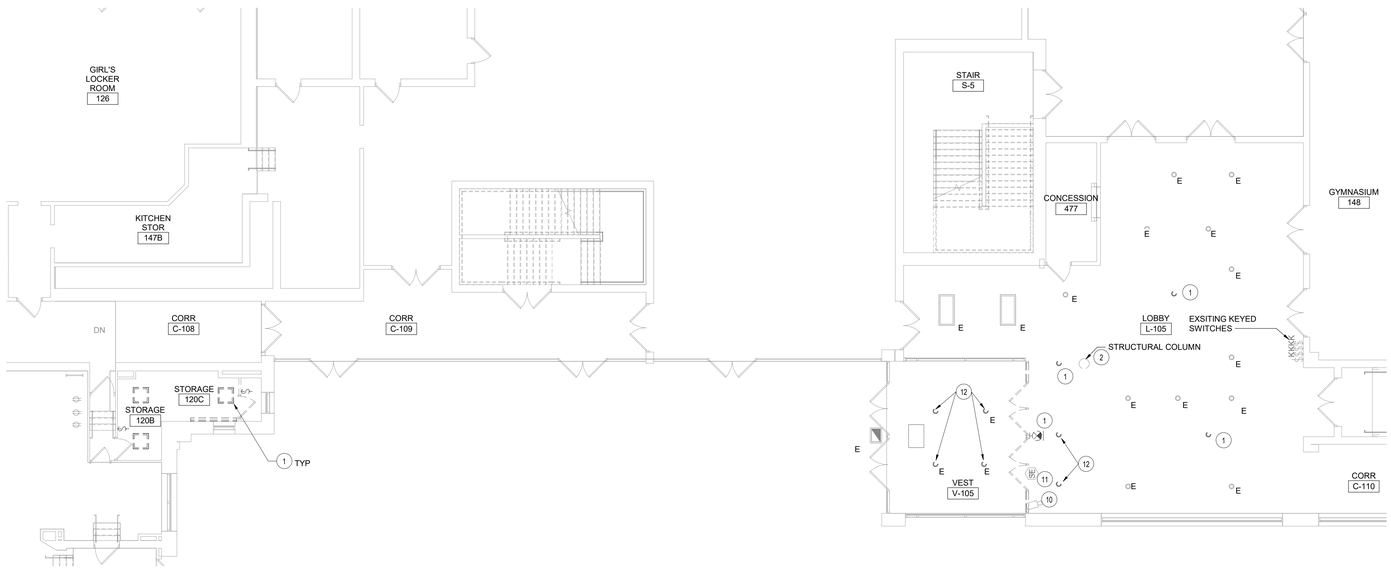
Drawn By:	Date:	Drawing Number:
HM/ded	12/1/2023	BE210
Project No.: 234903-23001		



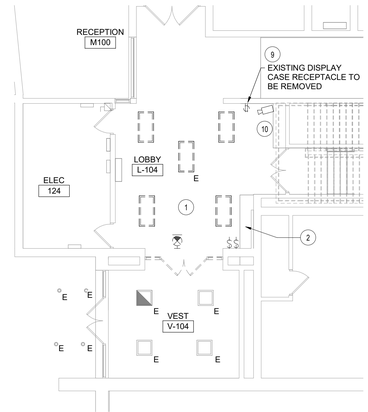
4 Partial Basement Floor Demolition Plan - Area A
1/8" = 1'-0"



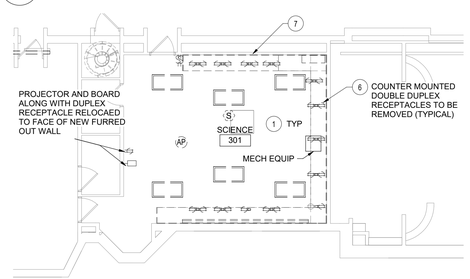
1 Partial First Floor Demolition Plan - Area B
1/8" = 1'-0"



5 Partial First Floor Demolition Plan - Area C By Alternate MHS-02
1/8" = 1'-0"



2 Partial First Floor Demolition Plan - Area A By alternate MHS-01
1/8" = 1'-0"



3 Partial Third Floor Demolition Plan - Area A
1/8" = 1'-0"

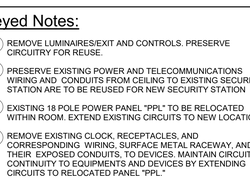
Keyed Notes:

1. REMOVE LUMINAIRES/EXIT AND CONTROLS. PRESERVE CIRCUITRY FOR REUSE.
2. PRESERVE EXISTING POWER AND TELECOMMUNICATIONS WIRING AND CONDUITS FROM CEILING TO EXISTING SECURITY STATION ARE TO BE REUSED FOR NEW SECURITY STATION
3. EXISTING 18 POLE POWER PANEL "PPL" TO BE RELOCATED WITHIN ROOM. EXTEND EXISTING CIRCUITS TO NEW LOCATION.
4. REMOVE EXISTING CLOCK, RECEPTACLES, AND CORRESPONDING WIRING, SURFACE METAL RACEWAY, AND THEIR EXPOSED CONDUITS, TO DEVICES. MAINTAIN CIRCUIT CONTINUITY TO EQUIPMENTS AND DEVICES BY EXTENDING CIRCUITS TO RELOCATED PANEL "PPL."
5. TWO(2) MAIN COMMUNICATIONS CABLES FOR CABLE TV AND TELEPHONE RUNNING EXPOSED IN BASEMENT AND THEN IN 4" RIGID GALV. C. PENETRATING BOILER ROOM CEILING AND THEN RUNNING IN EXTERIOR OF BUILDING UP TO ROOF TO RE-ROUTED TO ALLOW RE-CONSTRUCTION OF BOILER ROOM CEILING AND ROOF. MAINTAIN SERVICE CONTINUITY. THE VERTICAL PORTION IS A 4" RIGID GALVANIZED CONDUIT PENETRATING IN THE CENTER OF THE BOILER ROOM CEILING AND NEEDS TO BE REROUTED TO PENETRATE THE BOILER ROOM CEILING AND ROOF ALONG THE PERIMETER OF THE BOILER ROOM- PORTION OF GALVANIZED CONDUIT RUNNING VERTICALLY ON BUILDING EXTERIOR UP TO ROOF MAY BE RE-USED. COORDINATE WITH ROOF REPAIR AND RE-CONSTRUCTION PROJECT. COORDINATE WITH CABLEVISION AND TELEPHONE COMPANY FOR RE-ROUTING OF THESE SERVICES.
6. REMOVE SURFACE MOUNTED DOUBLE DUPLEX RECEPTACLES IN ROOM 301 AND MAINTAIN CIRCUITS FOR RE-USE IN NEW WALL MOUNTED DUPLEX RECEPTACLES IN ROOM.
7. EXISTING UNDERCOUNTER OLD SCIENCE ROOM 301 COMPRESSOR/VACUUM ELECTRICAL CONNECTION TO BE REMOVED BACK TO PANEL.
8. REMOVE OLD CLOCK WIRING AND CLOCK AND PROVIDE NEW CLOCK AND CLOCK WIRING TO EXISTING CLOCK RACK FOR NEW CLOCK LOCATION IN ROOM.
9. REMOVE EXISTING DISPLAY CASE RECEPTACLE. REUTILIZE CIRCUIT FOR NEW LOCATION IN ADJACENT WALL.
10. EXISTING SECURITY CAMERA TO BE RELOCATED. PROVIDE NEW WIRING TO NEW LOCATION BACK TO DATA RACK. UTIIZE CAT6 CABLE. COORDINATE WITH FACILITY'S SECURITY/TELECOMMUNICATIONS DEPT.
11. EXISTING CEILING MOUNTED MOTION SENSOR TO BE REMOVED AND REINSTALLED AFTERN NEW CEILING IS INSTALLED. COORDINATE WITH FACILITY'S SECURITY/TELECOMMUNICATIONS DEPT.
12. REMOVE LUMINAIRES/EXIT AND CONTROLS. PRESERVE CIRCUITRY AND CONTROLS FOR REUSE.

General Notes

A. REFER TO BE050 FOR GENERAL NOTES.

B. PROVIDE CONNECTIONS TO EXISTING SMOKE DAMPERS AND COMBINATION FIRE/SMOKE DAMPERS TO NEW FIRE ALARM SYSTEM.



S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Dobbs Ferry Middle / High School

Partial First Floor Demolition Plans - Area A, B and C

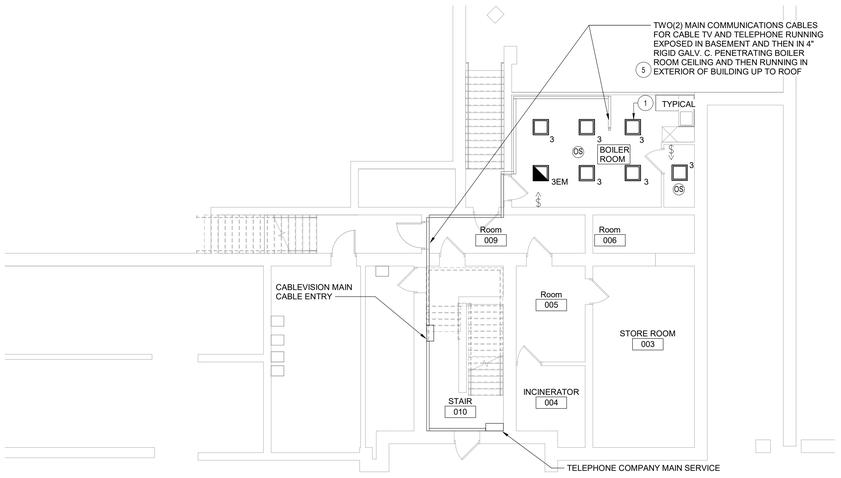
Drawn By:	Date:	Drawing Number:
CR/HM/ded	12/1/2023	BE400
Project No.: 234903-23001		

LUMINAIRE SCHEDULE

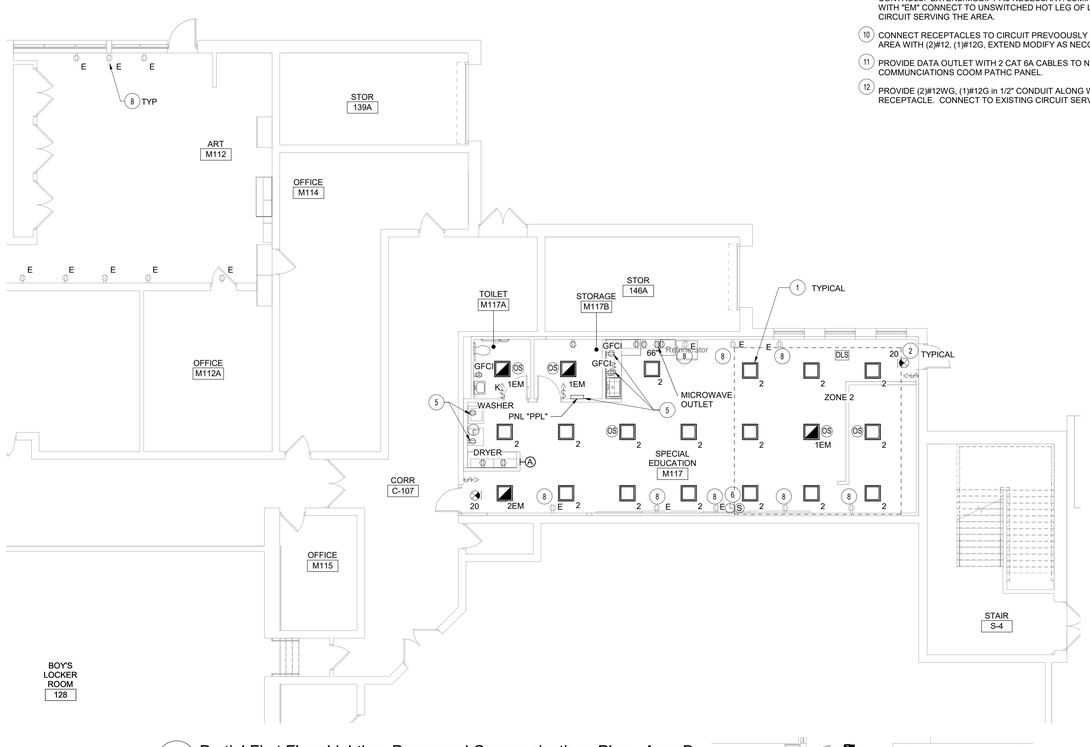
TYPE	SYMBOL	DESCRIPTION	LAMPS			MANUFACTURERS (OR EQUAL)	
			WATTAGE	LUMENS	TYPE	NAME	MODEL OR SERIES
1		2' x 2' FEIL;D ADJUSTABLE WATTAGE AND COLOR TEMPERATURE IN FIELD FLAT PANEL (RECESSED IN GRID)	30	3393	LED	UTOPIA LIGHTING	ULP-2G-22-L30 (3500K)
1 EM		SAME AS TYPE 1 - WITH INTEGRAL BATTERY	30	3393	LED	UTOPIA LIGHTING	ULP-2G-22-L30 (3500K)
2		2' x 2' TUNABLE WHITE FLAT PANEL (RECESSED IN GRID)	30	3500	LED	H.E. WILLIAMS	LPT-2-2-8-TW2-S-AF12125
2 EM		SAME AS TYPE 2 - WITH INTEGRAL BATTERY	30	3500	LED	H.E. WILLIAMS	LPT-2-2-8-TW2-S-AF12125
3		2' x 2' FLAT PANEL (SURFACE MOUNT)	30	3393	LED	UTOPIA LIGHTING	ULP-2G-22-L30 (3500K)
3 EM		SAME AS TYPE 3 - WITH INTEGRAL BATTERY	30	3393	LED	UTOPIA LIGHTING	ULP-2G-22-L30 (3500K)
4 EM		8" RECESSED DOWNLIGHT (RECESSED IN GYP) - WITH INTEGRAL BATTERY	46.4	3966	LED	H.E. WILLIAMS	8DR-L40-35-DIM-277-MEDIUM-EM/10
20		EXIT SIGN CEILING MOUNT SEE PLANS FOR DIRECTIONAL INDICATORS	4.8		LED	H.E. WILLIAMS	EXIT-R-EM-WHT
40		5" x 10" WET LOCATION PERIMETER (WALL MOUNTED) WITH INTEGRAL BATTERY	16	1760	LED	H.E. WILLIAMS	VMPV-L17-40-T3

* ALL LUMINAIRES ARE 120-277V.

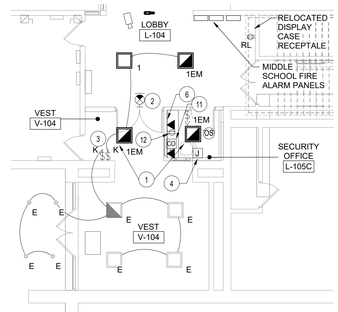
* MANUFACTURER AND MODEL NUMBER ARE PROVIDED TO SHOW BASIS OF DESIGN ONLY.



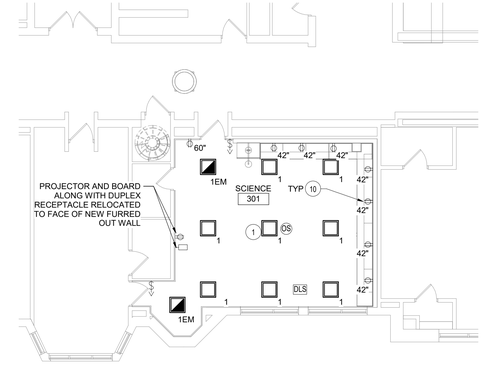
4 Partial Basement Floor Lighting, Power and Communications Plan - Area A
1/8" = 1'-0"



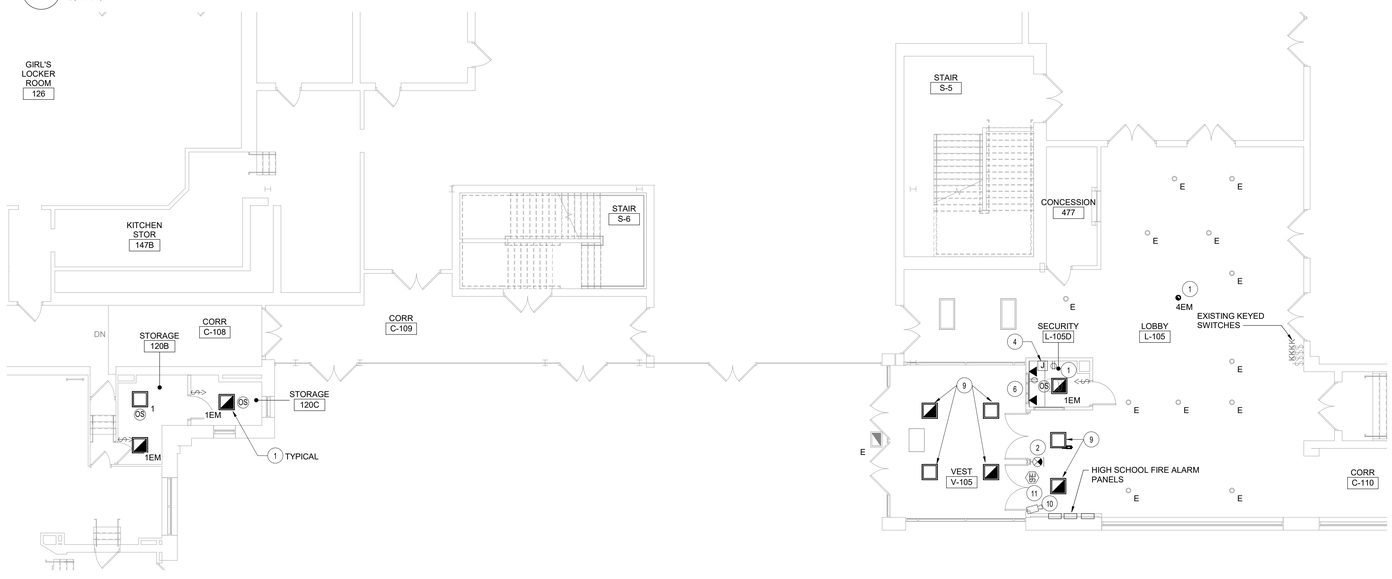
1 Partial First Floor Lighting, Power and Communications Plan - Area B
1/8" = 1'-0"



2 Partial First Floor Lighting, Power and Communications Plan - Area A By Alternate MHS-01
1/8" = 1'-0"



3 Partial Third Floor Lighting, Power and Commuinications Plan - Area A
1/8" = 1'-0"



5 Partial First Floor Lighting, Power and Communicatons Plan - Area C By Alternate MHS-02
1/8" = 1'-0"

Keyed Notes:

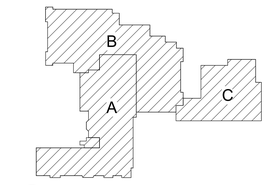
1. CONNECT LUMINAIRES TO PREVIOUSLY PRESERVED CIRCUITRY. EXTEND/MODIFY AS NECESSARY. LUMINAIRE TYPE WITH "EM" CONNECT TO UNSWITCHED HOT LEG OF LIGHTING CIRCUIT SERVING THE AREA.
2. INSTALL EXIT SIGN TO PREVIOUSLY PRESERVED CIRCUITRY. EXTEND/MODIFY AS NECESSARY.
3. PROVIDE (2) KEYED SWITCHES. CONNECT AS INDICATED TO PREVIOUSLY PRESERVED CIRCUITRY. EXTEND/MODIFY AS NECESSARY.
4. PROVIDE 20A 1P CIRCUIT BREAKER JUNCTION BOXES AT SECURITY VESTIBULES FOR FIRE SHUTTERS. CONNECT HIGH SCHOOL 20A 1P CIRCUIT BREAKER TO PANEL "J-1." CONNECT MIDDLE SCHOOL SECURITY VESTIBULE FIRE SHUTTER TO "PANEL#7" IN MIDDLE SCHOOL MAIN ELECTRICAL ROOM. .
5. UTILIZE EXISTING 20 A, 1 POLE SPARE CIRCUITS AT RELOCATED PANEL "PPL" AND PROVIDE FOUR (6) NEW CIRCUITS FOR POWER TO NEW REFRIGERATOR, MICROWAVE, CONVIENCE RECEPTACLE, NEW CLOTHES WASHER, AND NEW DRYER WITHIN THE ROOM UTILIZING 2 #10+1#12 GND IN 1/2" C. TO EACH. COORDINATE EXACT LOCATIONS INTHE FIELD.
6. PROVIDE NEW WALL MOUNTED PA SPEAKER AND CLOCK. CONNECT TO EXISTING CLOCK RACK, RACK AND PROVIDE ZONECARD. PROVIDE PRIVACY SWITCH IN CLASSROOM. COORDINATE WITH SYSTEM MANUFACTURER. COORDINATE EXACT LOCATIONS OF NEW EQUIPMENT IN THE FIELD.
7. COORDINATE EXACT LOCATION OF BOILER ROOM NEW ROOF PENETRATION FOR CABLE TV AND TELEPHONE SYSTEM MAIN CABLES TO CONNECT TO EXISTING 4" GALV. CONDUIT RUNNING VERTICALLY IN EXTERIOR OF BUILDING UP TO ROOF. COORDINATE WITH CALBE TV AND TELEPHONE COMPANIES.
8. ALL EXISTING RECEPTACLES IN ART ROOM M112 AND IN SPECIAL ED ROOM M117 SHALL BE REPLACED AND SHALL HAVE NEW FACEPLATES. FACEPLATE COLORS SHALL BE COORDINATED IN THE FIELD WITH THE OWNER.
9. CONNECT LUMINAIRES TO PREVIOUSLY PRESERVED CIRCUITRY AND CONTROLS. EXTEND/MODIFY AS NECESSARY. LUMINAIRE TYPE WITH "EM" CONNECT TO UNSWITCHED HOT LEG OF LIGHTING CIRCUIT SERVING THE AREA.
10. CONNECT RECEPTACLES TO CIRCUIT PREVOOUSLY SERVING THE AREA WITH (2)#12, (1)#12G, EXTEND MODIFY AS NECCESSARY.
11. PROVIDE DATA OUTLET WITH 2 CAT 6A CABLES TO NEAREST COMMUNCIATIONS COOM PATHC PANEL.
12. PROVIDE (2)#12WG, (1)#12G in 1/2" CONDUIT ALONG WITH RECEPTACLE. CONNECT TO EXISTING CIRCUIT SERVING THE AREA.

General Notes

A. REFER TO BE050 FOR GENERAL NOTES.

B. PROVIDE CONNECTIONS TO EXISTING SMOKE DAMPERS AND COMBINATION FIRE/SMOKE DAMPERS TO NEW FIRE ALARM SYSTEM.

C. LIGHTING CONTROL SEQUENCES:
CLASSROOMS:
(2) ZONE GENERAL CLASSROOM EACH ZONE OPERATED WITH LOW VOLTAGE LIGHTING CONTROL FOR WHITE LIGHTING TUNING. CONTROL CAPABLE OF ON/OFF, 50% AND 100% INTENSITYAND (3) WHITE LIGHT TUNING PRESENTS OF: 2700K, 3500K AND 4000K. MANUAL ADJUSTMENT OF INTENSITY AND COLOR TEMPERATURE BY EACH LOW VOLTAGE LIGHTING CONTROL. IF LUMINAIRES ARE LEFT ON AND CLASSROOM IS UNOCUPIED LUMINAIRES WILL TURN OFF WITHIN 15 MINUTES. ONCE ROOM BECOMES OCCUPIED AGAIN LUMINAIRES WILL TURN ON TO LAST LEVEL OR LAST LEVEL ELECTED. DAYLIGHT RESPONSIVE CONTROL WILL DIM ROW OF LUMINAIRES CLOSET TO WINDOW TO PRESET SET POINT OF ROOM TO MAINTAIN UNIFORMITY OF SETPOINT (MEASURED IN SPACE 30 FC MIN. AT WORK PLANE)ILLUMINATION.
OFFICES/STORAGE AND SECURITY ROOMS:
PERSON ENTERS THE ROOM AND LUMINAIRES TURN ON TO 50% OUTPUT BY OCCUPANCY SENSOR. WHEN PERSON EXITS THE ROOM THE OCCUPANCY SENSOR WILL TURN OFF THE LUMINAIRES AFTER 15 MINUTES. LOW VOLTAGE LIGHTING CONTROL BUTTON CAPABLE OF ON/OFF, 50% AND 100% MAYBE BE MANUALLY ADJUSTED BY BUTTON.
TOILETS:
PERSON ENTERS THE ROOM AND LUMINAIRES TURN ON TO 100% OUTPUT BY OCCUPANCY SENSOR. WHEN PERSON EXITS THE ROOM THE OCCUPANCY SENSOR WILL TURN OFF THE LUMINAIRES AFTER 15 MINUTES. MANUAL CONTROL BY LOW VOLTAGE KEYED SWITCH.



S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH ARCHITECTS & ENGINEERS

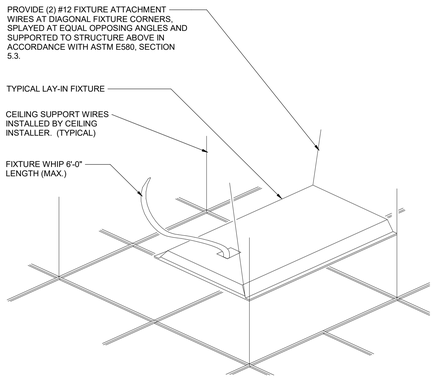
Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Dobbs Ferry Middle / High School

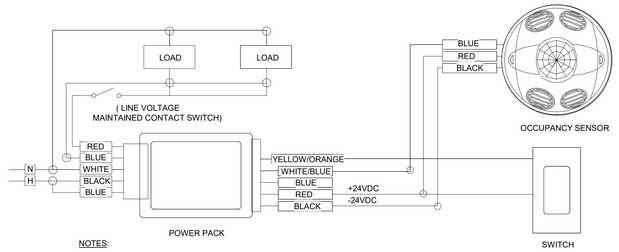
Partial First and Third Floor Lighting, Power and Communications Plan - Area A, B, and C

Drawn By:	Date:	Drawing Number:
CR/HM/ded	12/1/2023	BE401

Project No.: 234903-23001



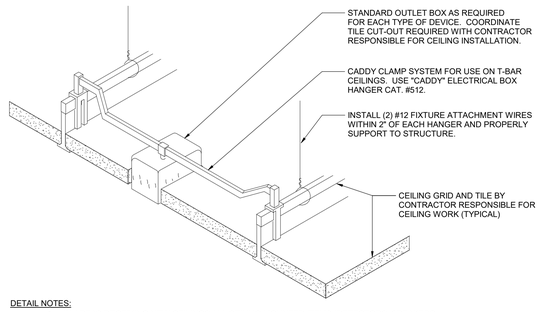
3 Typical Troffer Mounting Detail (Seismic Zones A,B,C)
NTS



NOTES:

A. PAINT ALL SURFACE RACEWAY AND BOXES TO MATCH EXISTING SURFACES. (WHERE APPLICABLE).
B. PROVIDE RELAYS WHERE TWO OR MORE CIRCUITS FEED LIGHTING IN SAME ROOM.
C. ADJUST SENSITIVITY OF EACH OCCUPANCY SENSOR TO DETECT HUMAN MOVEMENT BUT NOT HVAC EQUIPMENT. ADJUST TIME DELAY FOR OPTIMUM PERFORMANCE. APPLY MASKING SEGMENTS TO DETECTION HEAD WHERE REQUIRED.
D. POWER PACK AND THE LOAD SWITCHED BY THE POWER PACK MUST BE FED FROM THE SAME PHASE.
E. FOR 3 AND 4-WAY SWITCHING USE MASTER SLAVE SWITCH CONFIGURATION.
F. ROOM LIGHTING CONTROL SHALL CONSIST OF:
   a. WHEN AN OCCUPANT ENTERS THE ROOM, THE LIGHT SWITCH WILL AUTOMATICALLY TURN ON AND OPERATE AT 50% LIGHT OUTPUT. MANUAL ACTIVATION OF THE LIGHT SWITCH WILL INCREASE THE LIGHTING LEVEL TO 100%. ACTIVATING THE LIGHT SWITCH ONCE AGAIN WILL TURN OFF THE LIGHTING. IF THE LIGHTING IS NOT MANUALLY TURNED OFF, THE OCCUPANCY SENSOR WILL TURN OFF THE LIGHTING AFTER A PRESET AMOUNT OF TIME.
G. CORRIDOR LIGHTING CONTROL SHALL CONSIST OF:
   a. WHEN AN OCCUPANT ENTERS THE CORRIDOR, THE LIGHT SWITCH WILL AUTOMATICALLY TURN ON AND OPERATE AT 100% LIGHT OUTPUT. IF NO ONE IS PRESET IN CORRIDOR, THE OCCUPANCY SENSOR WILL REDUCE THE LIGHTING TO 50% AFTER A PRESET AMOUNT OF TIME.
H. VACANCY ROOM LIGHTING CONTROL SHALL CONSIST OF:
   a. WHEN AN OCCUPANT ENTERS THE ROOM, THE LIGHT SWITCH SHALL BE MANUALLY ACTIVATED AND THE LIGHTING WILL AUTOMATICALLY TURN ON AND OPERATE AT 50% LIGHT OUTPUT. ANOTHER ACTIVATION OF THE LIGHT SWITCH WILL INCREASE THE LIGHTING LEVEL TO 100. IF THE LIGHTING IS NOT MANUALLY TURNED OFF, THE VACANCY SENSOR WILL TURN OFF THE LIGHTING AFTER A PRESET AMOUNT OF TIME.

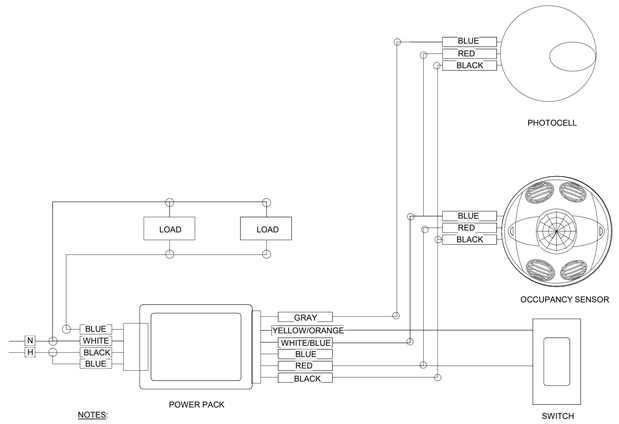
1 Occupancy/ Vacancy Sensor Wiring Diagram
NTS



DETAIL NOTES:

A. IN AREAS RECEIVING NEW CEILINGS ALL CEILING MOUNTED ITEMS (DETECTORS, SPEAKERS, ETC) ARE TO BE CENTERED WITHIN THE PATTERN OF THE CEILING PANEL. A 2'X4' PANEL SCORED TO A 2'X2' PATTERN SHALL HAVE ITEMS CENTERED IN THE 2'x2' PORTION.
B. PROVIDE ADDITIONAL SUPPORT FOR EXIT SIGNS, WHERE REQUIRED.

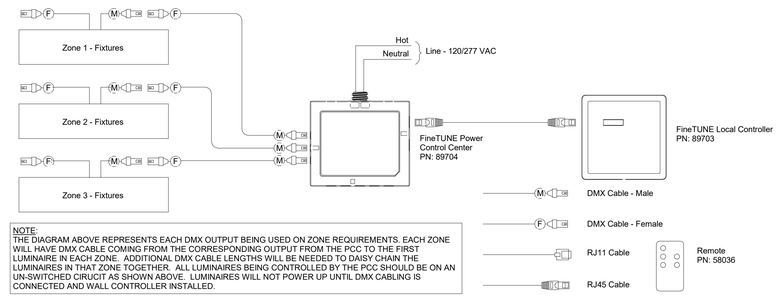
4 Ceiling Mounting Device Detail
NTS



NOTES:

A. PAINT ALL SURFACE RACEWAY AND BOXES TO MATCH EXISTING SURFACES. (WHERE APPLICABLE).
B. PROVIDE RELAYS WHERE TWO OR MORE CIRCUITS FEED LIGHTING IN SAME ROOM.
C. ADJUST SENSITIVITY OF EACH OCCUPANCY SENSOR TO DETECT HUMAN MOVEMENT BUT NOT HVAC EQUIPMENT. ADJUST TIME DELAY FOR OPTIMUM PERFORMANCE. APPLY MASKING SEGMENTS TO DETECTION HEAD WHERE REQUIRED.
D. POWER PACK AND THE LOAD SWITCHED BY THE POWER PACK MUST BE FED FROM THE SAME PHASE.

2 Daylight Sensor Wiring Diagram
NTS



NOTE:
THE DIAGRAM ABOVE REPRESENTS EACH DMX OUTPUT BEING USED ON ZONE REQUIREMENTS. EACH ZONE WILL HAVE DMX CABLE COMING FROM THE CORRESPONDING OUTPUT FROM THE PCC TO THE FIRST LUMINAIRE IN EACH ZONE. ADDITIONAL DMX CABLE LENGTHS WILL BE NEEDED TO DAISY CHAIN THE LUMINAIRES IN THAT ZONE TOGETHER. ALL LUMINAIRES BEING CONTROLLED BY THE PCC SHOULD BE ON AN UN-SWITCHED CIRUCIT AS SHOWN ABOVE. LUMINAIRES WILL NOT POWER UP UNTIL DMX CABLING IS CONNECTED AND WALL CONTROLLER INSTALLED.

SYSTEM IS BASED ON "MANUFACTURER" AND IS TO REPRESENT THE DESIGN BASIS ONLY.

5 White Light Tuning Wiring Diagram
NTS

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

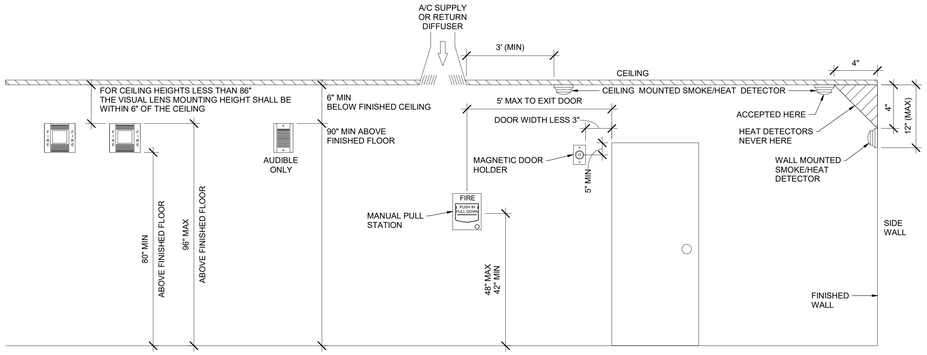
TETRA TECH
ARCHITECTS & ENGINEERS

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

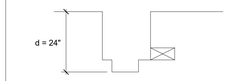
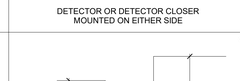
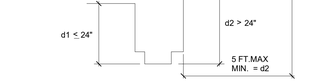
Reconstruction to:
Dobbs Ferry Middle / High School

Details

Drawn By:	Date:	Drawing Number:
CR/HM/ded	12/1/2023	BE500
Project No.: 234903-23001		



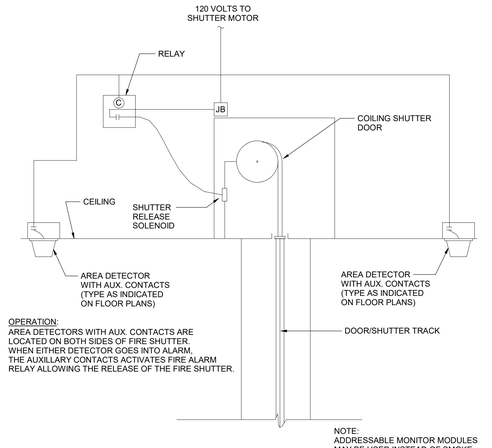
3 Typical Mounting Heights
NTS

DETECTOR LOCATION REQUIREMENTS (NFPA 72)		
d = DEPTH OF WALL SECTION ABOVE DOOR	DOOR FRAME MOUNTED (SMOKE DETECTOR LISTED FOR FRAME MOUNTING OR AS PART OF CLOSER ASSEMBLY)	CEILING MOUNTED (SMOKE DETECTOR)
0-24" ON BOTH SIDES OF DOORWAY	A  DETECTOR OR DETECTOR CLOSER MOUNTED ON EITHER SIDE	B  ONE DETECTOR MOUNTED ON EITHER SIDE
over 24" ON ONE SIDE ONLY	C  DETECTOR OR DETECTOR CLOSER MOUNTED ON HIGHER SIDE	D  DETECTOR MOUNTED ON HIGHER SIDE
over 24" ON BOTH SIDES	E  DETECTOR OR DETECTOR CLOSER MOUNTED ON EITHER SIDE	F  TWO DETECTORS REQUIRED
over 60"	MIGHT REQUIRE ADDITIONAL DETECTORS	

1 Smoke Detector Mounting Requirements (per NFPA 72)
NTS

KEYNOTES

1 INTERCONNECT BOTH SYSTEMS AS REQUIRED BY CODE SUCH THAT ALARM ANNUNCIATIONS IN ONE SCHOOL BUILDING SHALL ALARM THE SECOND SCHOOL BUILDING. COORDINATE WITH SYSTEM MANUFACTURER.

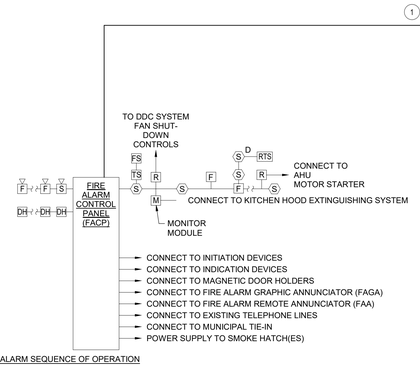


OPERATION:
AREA DETECTORS WITH AUX. CONTACTS ARE LOCATED ON BOTH SIDES OF FIRE SHUTTER. WHEN EITHER DETECTOR GOES INTO ALARM, THE AUXILLARY CONTACTS ACTIVATES FIRE ALARM RELAY ALLOWING THE RELEASE OF THE FIRE SHUTTER.

NOTE:
ADDRESSABLE MONITOR MODULES MAY BE USED INSTEAD OF SMOKE DETECTOR AUXILIARY CONTACTS. AN ADRESSABLE RELAY MAY BE USED INSTEAD OF A CONTROL RELAY.

WIRE DOOR UP/DOWN CONTROL STATION AND SAFETY EDGE TO SHUTTER MOTOR CONTROLLER.

5 Fire Shutter Wiring Diagram
12" = 1'-0"



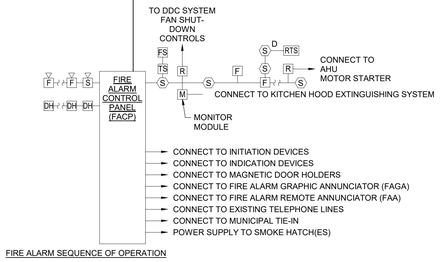
FIRE ALARM SEQUENCE OF OPERATION

A. UPON ACTIVATION OF MANUAL PULL STATIONS, HEAT DETECTORS, SMOKE DETECTORS, DUCT DETECTORS. THE FIRE ALARM PANEL WILL GO INTO ALARM AND SHOULD SOUND THE A/V DEVICES, SHUT DOWN THE FANS, RELEASE THE MAGNETIC DOOR HOLDERS, CONTACT THE LOCAL FIRE DEPARTMENT AND INDICATE WHICH ALARM ZONE THE ALARM IS IN VIA THE REMOTE ANNUNCIATORS.

B. UPON ACTIVATION OF A TROUBLE CONDITION THE FIRE ALARM PANEL SHALL GO INTO "TROUBLE" MODE INDICATING WHICH ZONE IS IN TROUBLE BY A LIGHT IN THE REMOTE ANNUNCIATOR AND AT THE FIRE ALARM PANEL.

NOTE:
FIRE ALARM RISER IS INTENDED TO BE SCHEMATIC ONLY. ALL DEVICES INDICATED ON PLANS AND DETAILS ARE TO BE INSTALLED AND CONNECTED FOR PROPER OPERATION OF SYSTEM.

4 Fire Alarm System Wiring Diagram - High School
NTS



FIRE ALARM SEQUENCE OF OPERATION

A. UPON ACTIVATION OF MANUAL PULL STATIONS, HEAT DETECTORS, SMOKE DETECTORS, DUCT DETECTORS. THE FIRE ALARM PANEL WILL GO INTO ALARM AND SHOULD SOUND THE A/V DEVICES, SHUT DOWN THE FANS, RELEASE THE MAGNETIC DOOR HOLDERS, CONTACT THE LOCAL FIRE DEPARTMENT AND INDICATE WHICH ALARM ZONE THE ALARM IS IN VIA THE REMOTE ANNUNCIATORS.

B. UPON ACTIVATION OF A TROUBLE CONDITION THE FIRE ALARM PANEL SHALL GO INTO "TROUBLE" MODE INDICATING WHICH ZONE IS IN TROUBLE BY A LIGHT IN THE REMOTE ANNUNCIATOR AND AT THE FIRE ALARM PANEL.

NOTE:
FIRE ALARM RISER IS INTENDED TO BE SCHEMATIC ONLY. ALL DEVICES INDICATED ON PLANS AND DETAILS ARE TO BE INSTALLED AND CONNECTED FOR PROPER OPERATION OF SYSTEM.

2 Fire Alarm System Wiring Diagram - Middle School
NTS

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

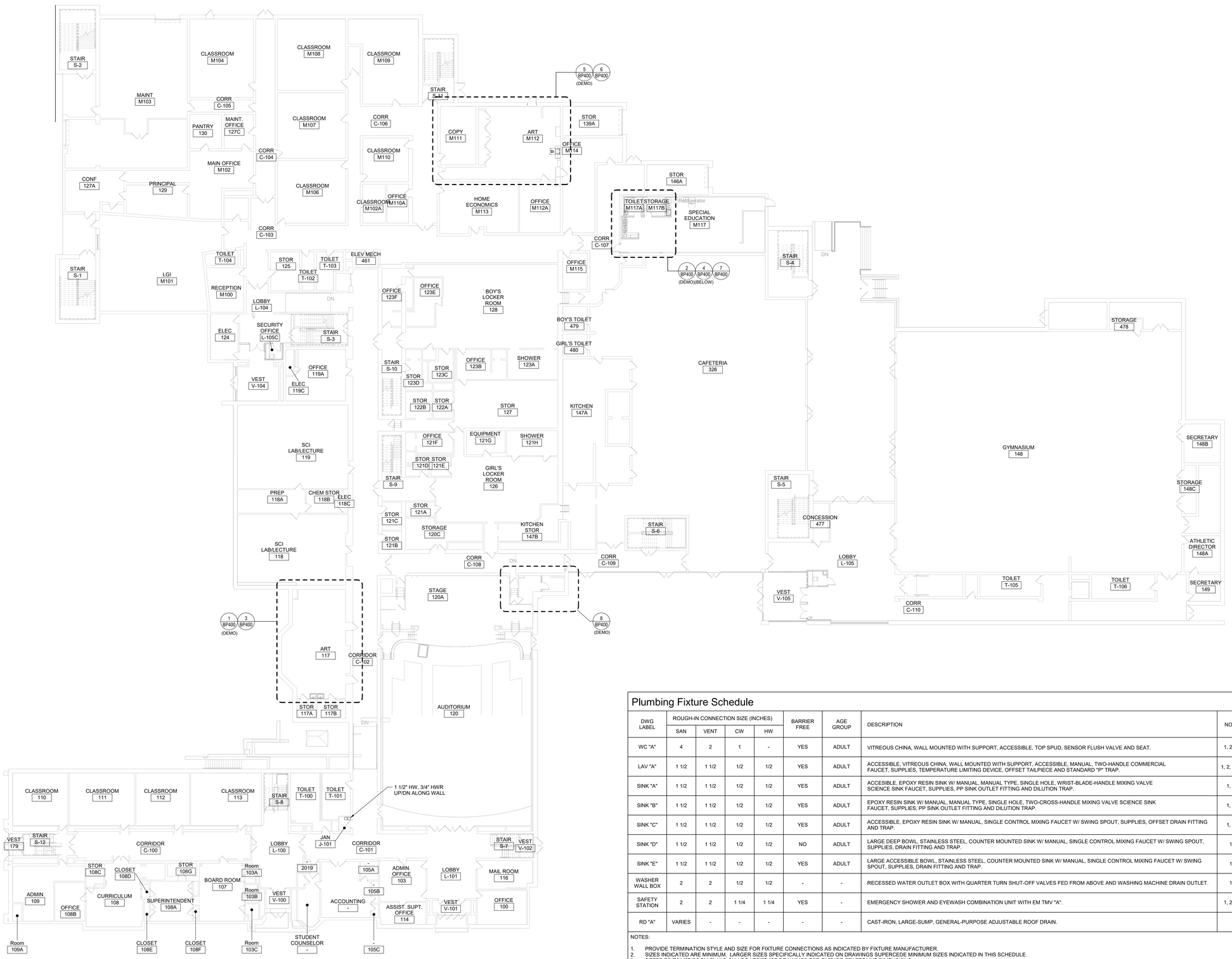
TETRA TECH
ARCHITECTS & ENGINEERS

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Dobbs Ferry Middle / High School

Details

Drawn By:	Date:	Drawing Number:
CR/HM/ded	12/1/2023	BE501
Project No.: 234903-23001		



1 First Floor Key Plan
1/16" = 1'-0"

Plumbing Fixture Schedule

DWG LABEL	ROUGH-IN CONNECTION SIZE (INCHES)				BARRIER FREE	AGE GROUP	DESCRIPTION	NOTES
	SAN	VENT	CW	HW				
WC "A"	4	2	1	-	YES	ADULT	VITREOUS CHINA, WALL MOUNTED WITH SUPPORT, ACCESSIBLE, TOP SPUD, SENSOR FLUSH VALVE AND SEAT.	1, 2, 3, 4
LAV "A"	1 1/2	1 1/2	1/2	1/2	YES	ADULT	ACCESSIBLE, VITREOUS CHINA, WALL MOUNTED WITH SUPPORT, ACCESSIBLE, MANUAL, TWO-HANDLE COMMERCIAL FAUCET, SUPPLIES, TEMPERATURE LIMITING DEVICE, OFFSET TAILPIECE AND STANDARD "P" TRAP.	1, 2, 3, 4, 5
SINK "A"	1 1/2	1 1/2	1/2	1/2	YES	ADULT	ACCESIBLE, EPOXY RESIN SINK W/ MANUAL, MANUAL TYPE, SINGLE HOLE, WRIST-BLADE-HANDLE MIXING VALVE SCIENCE SINK FAUCET, SUPPLIES, PP SINK OUTLET FITTING AND DILUTION TRAP.	1, 2, 6
SINK "B"	1 1/2	1 1/2	1/2	1/2	YES	ADULT	EPOXY RESIN SINK W/ MANUAL, MANUAL TYPE, SINGLE HOLE, TWO-CROSS-HANDLE MIXING VALVE SCIENCE SINK FAUCET, SUPPLIES, PP SINK OUTLET FITTING AND DILUTION TRAP.	1, 2, 6
SINK "C"	1 1/2	1 1/2	1/2	1/2	YES	ADULT	ACCESSIBLE, EPOXY RESIN SINK W/ MANUAL, SINGLE CONTROL MIXING FAUCET W/ SWING SPOUT, SUPPLIES, OFFSET DRAIN FITTING AND TRAP.	1, 2, 6
SINK "D"	1 1/2	1 1/2	1/2	1/2	NO	ADULT	LARGE DEEP BOWL, STAINLESS STEEL, COUNTER MOUNTED SINK W/ MANUAL, SINGLE CONTROL MIXING FAUCET W/ SWING SPOUT, SUPPLIES, DRAIN FITTING AND TRAP.	1, 2
SINK "E"	1 1/2	1 1/2	1/2	1/2	YES	ADULT	LARGE ACCESSIBLE BOWL, STAINLESS STEEL, COUNTER MOUNTED SINK W/ MANUAL, SINGLE CONTROL MIXING FAUCET W/ SWING SPOUT, SUPPLIES, DRAIN FITTING AND TRAP.	1, 2
WASHER WALL BOX	2	2	1/2	1/2	-	-	RECESSED WATER OUTLET BOX WITH QUARTER TURN SHUT-OFF VALVES FED FROM ABOVE AND WASHING MACHINE DRAIN OUTLET.	1, 2
SAFETY STATION	2	2	1 1/4	1 1/4	YES	-	EMERGENCY SHOWER AND EYEWASH COMBINATION UNIT WITH EM TMV "A".	1, 2, 6, 7
RD "A"	VARIES	-	-	-	-	-	CAST-IRON, LARGE-SUMP, GENERAL-PURPOSE ADJUSTABLE ROOF DRAIN.	-

NOTES:

1. PROVIDE TERMINATION STYLE AND SIZE FOR FIXTURE CONNECTIONS AS INDICATED BY FIXTURE MANUFACTURER.
2. SIZES INDICATED ARE MINIMUM. LARGER SIZES SPECIFICALLY INDICATED ON DRAWINGS SUPERCEDE MINIMUM SIZES INDICATED IN THIS SCHEDULE.
3. REFER TO TOILET ROOM PLANS ON ARCHITECTURE DRAWINGS FOR FIXTURE CENTERLINE DIMENSIONS.
4. REFER TO "MOUNTING HEIGHTS - GENERAL ADULT USE, 7TH - 12TH GRADE" DETAIL ON "A" DWGS FOR ADULT BARRIER FREE FIXTURE MOUNTING HEIGHTS.
5. REFER TO DETAIL 9/BP130 FOR ADDITIONAL INFORMATION.
6. REFER TO SECTION 12 32 13 "MANUFACTURED WOOD-VENEER-FACED CASEWORK" FOR ADDITIONAL INFORMATION ON SCIENCE CLASSROOM EQUIPMENT AND EPOXY RESIN SINKS.
7. REFER TO SPECIFICATION SECTION 22 45 00 - EMERGENCY FIXTURES FOR ADDITIONAL INFORMATION.

General Notes

A. VERIFY ALL PIPING LOCATIONS, SIZES, AND ARRANGEMENTS IN FIELD PRIOR TO BID. NOTIFY ARCHITECT IN WRITING OF ANY DISCREPANCIES.

B. VERIFY IN FIELD INVERT AND DIRECTION OF FLOW IN EXISTING SOIL PIPE WHERE NEW SOIL PIPE IS TO BE CONNECTED TO EXISTING SOIL PIPE.

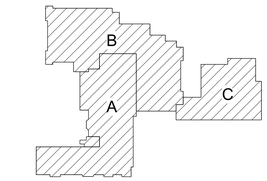
C. REFER TO SPECIFICATION SECTION 22 05 00 "COMMON WORK RESULTS FOR PLUMBING" FOR REQUIRED WATER LEAD TESTING PRIOR TO COMMENCING WITH CONSTRUCTION.

D. LEGALLY DISPOSE OF ALL DEMOLITION DEBRIS.

E. INCLUDE TRENCHING, CUTTING AND PATCHING OF FLOORS, WALLS AND CEILINGS, INCLUDING CEILING TILE REMOVAL AND REPLACEMENT, WHEN REQUIRED FOR PLUMBING WORK. PATCH ABANDONED OPENINGS AND DISTURBED FINISHES TO MATCH EXISTING. TAKE PRECAUTIONS TO PROTECT STRUCTURAL INTEGRITY OF FLOOR OR WALLS WHEN TRENCHING OR CUTTING.

F. MATERIALS FOR PLUMBING INSTALLATION SHALL BE NEW, UNLESS SPECIFICALLY NOTED OTHERWISE.

G. PROVIDE THROUGH PENETRATION FIRESTOPPING FOR FIRE RATED WALLS AND FLOORS. PENETRATIONS THROUGH EXISTING WALLS AND FLOORS ARE CONSIDERED TWO-HOUR PARTITIONS UNLESS SPECIFICALLY NOTED OTHERWISE. REFER TO "A" SERIES OR CODE COMPLIANCE DRAWINGS FOR LOCATION OF FIRE RATED WALLS AND FLOORS.



Key Plan
N.T.S.

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Dobbs Ferry Middle / High School

First Floor Key Plan and Plumbing Fixture Schedule

Drawn By:	Date:	Drawing Number:
GPD/ sef	12/1/2023	BP050

Project No.:
234903-23001

Thermostatic Mixing Valve Schedule

DWG LABEL	TW SETTING °F	DESIGN TW FLOW RATE GPM	PRESSURE DROP AT DESIGN FLOW RATE PSI	MIN TW FLOW RATE TO ASSE STANDARD GPM	TW OUTLET NPS	CW / HW INLET NPS	NOTES
TMV "A"	105	0.5	8	0.5	1/2	1/2	1
EM TMV "A"	85	23	6	2	1 1/4	1 1/4	2

NOTES:

1. ASSE 1070 MIXING VALVE SERVING SINGLE LAVATORY. REFER TO SECTION 22 11 19 - DOMESTIC WATER PIPING SPECIALTIES.
2. ASSE 1071 EMERGENCY FIXTURE MIXING VALVE. REFER TO SECTION 22 45 00 - EMERGENCY FIXTURES.

Plan Notes

A. REFER TO DRAWING NO. BP050 FOR GENERAL NOTES.

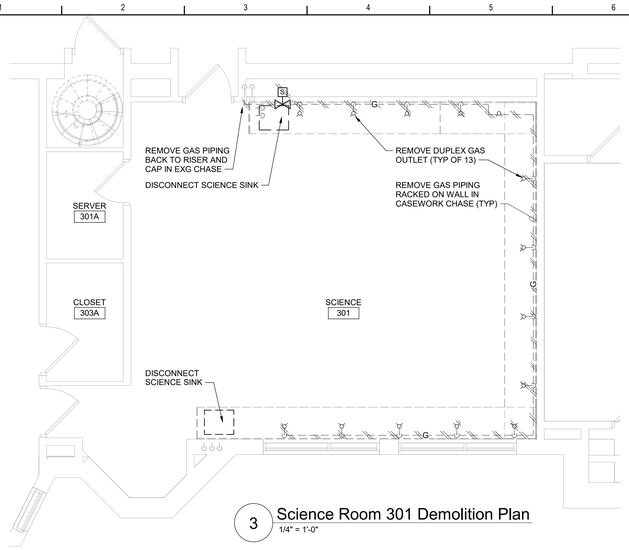
B. REMOVE PLUMBING FIXTURES INDICATED, INCLUDING ASSOCIATED PIPING, FASTENERS, SUPPORTS, ETC., BACK TO POINTS OF CONCEALMENT WITHIN OR BEHIND REMAINING WALLS, BELOW FLOORS OR ABOVE CEILINGS.

C. DISCONNECT SCIENCE CLASSROOM FIXTURES INDICATED, INCLUDING REMOVAL OF ASSOCIATED PIPING, FASTENERS, SUPPORTS, ETC., BACK TO POINTS OF CONCEALMENT WITHIN OR BEHIND REMAINING WALLS, BELOW FLOORS OR ABOVE CEILINGS.

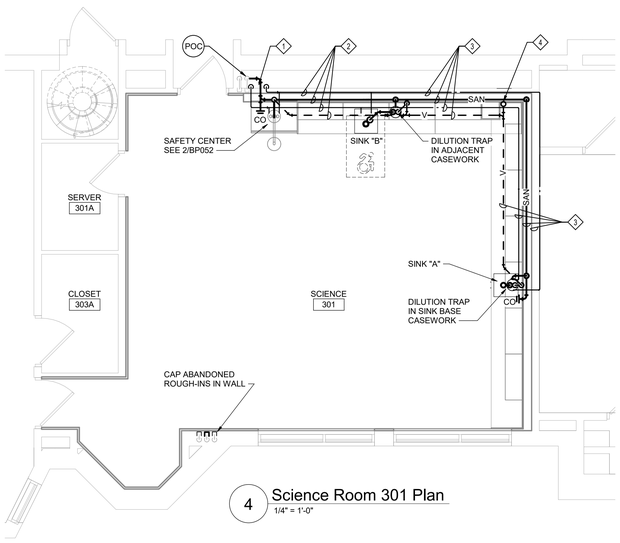
D. REMOVE ABANDONED ACCESSIBLE PIPING TO MAIN BRANCHES, STACKS OR RISERS AS REQUIRED TO ELIMINATE EXPOSED PIPING AND DEAD END PIPING RUNS LONGER THAN 1'-0". COORDINATE CONCEALMENT OF PIPING WITH FINAL CONSTRUCTION OF WALLS, FLOORS AND CEILINGS.

Plumbing Notes

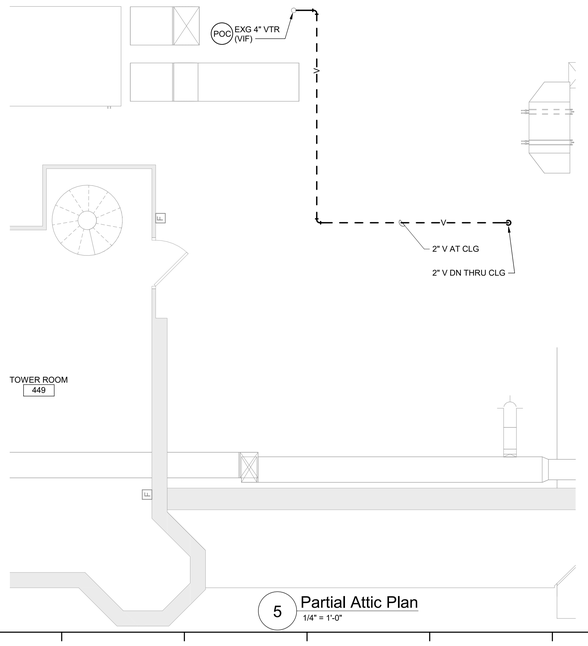
1. 1 1/2" HOT AND COLD WATER DOWN IN EXISTING CHASE WALL. OFFSET 1 1/2" HOT AND COLD WATER INTO FURRED OUT STUD WALL.
2. 3/4" HOT AND COLD WATER, 2" SANITARY AND VENT RUN HORIZONTALLY IN STUD WALL.
3. 1/2" HOT AND COLD WATER, 1 1/2" SANITARY AND VENT RUN HORIZONTALLY IN STUD WALL.
4. 2" VENT UP TO ATTIC, CONTINUED ON 5/BP051.



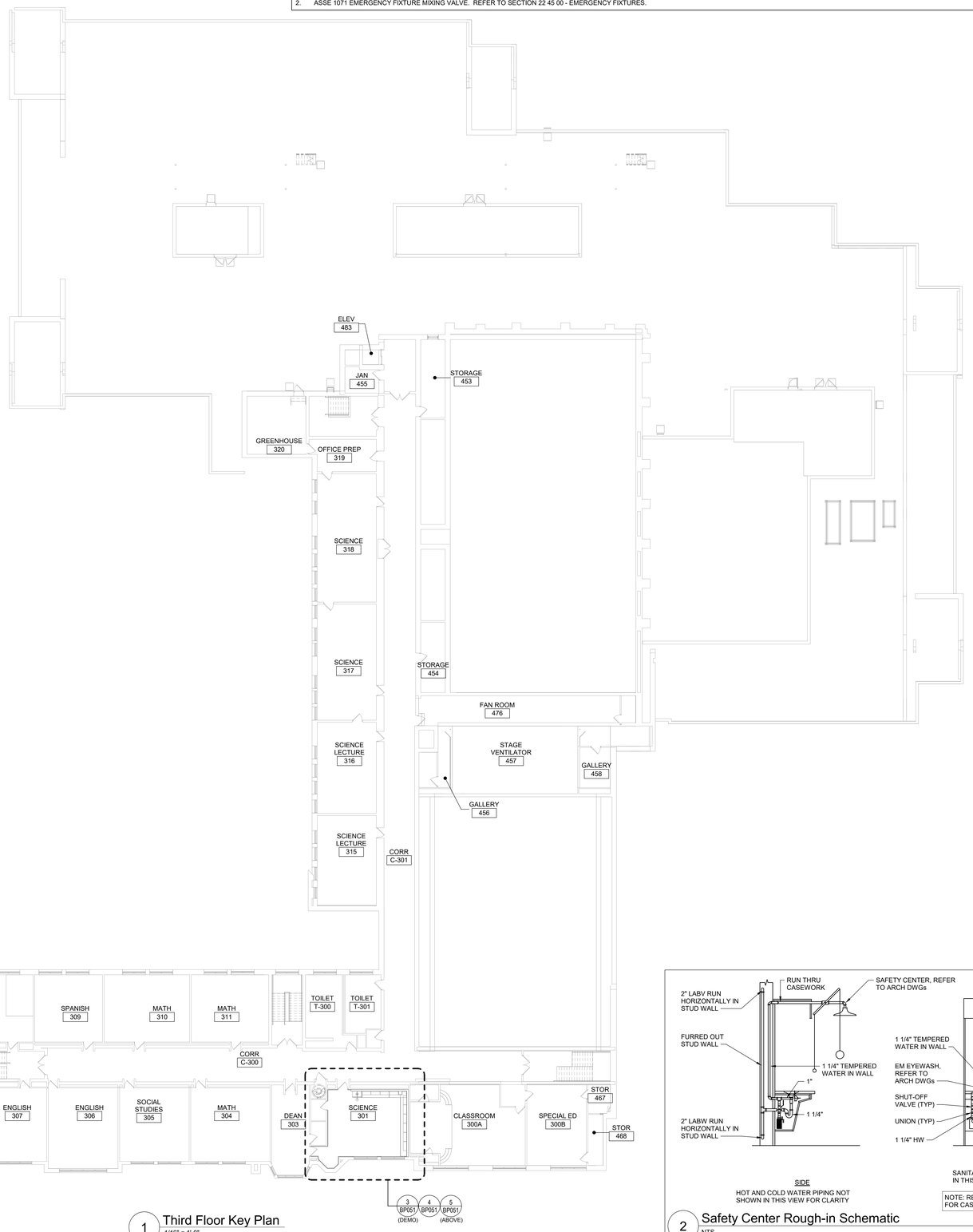
3 Science Room 301 Demolition Plan
1/4" = 1'-0"



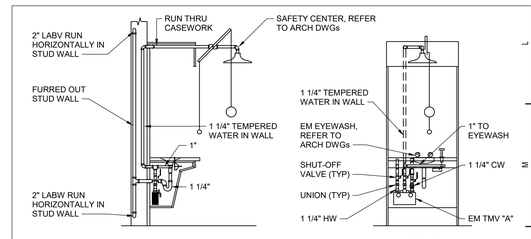
4 Science Room 301 Plan
1/4" = 1'-0"



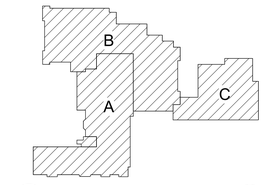
5 Partial Attic Plan
1/4" = 1'-0"



1 Third Floor Key Plan
1/16" = 1'-0"



2 Safety Center Rough-in Schematic
NTS



Key Plan
N.T.S.

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

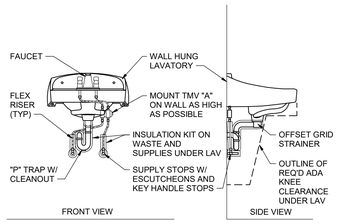
Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Dobbs Ferry Middle / High School

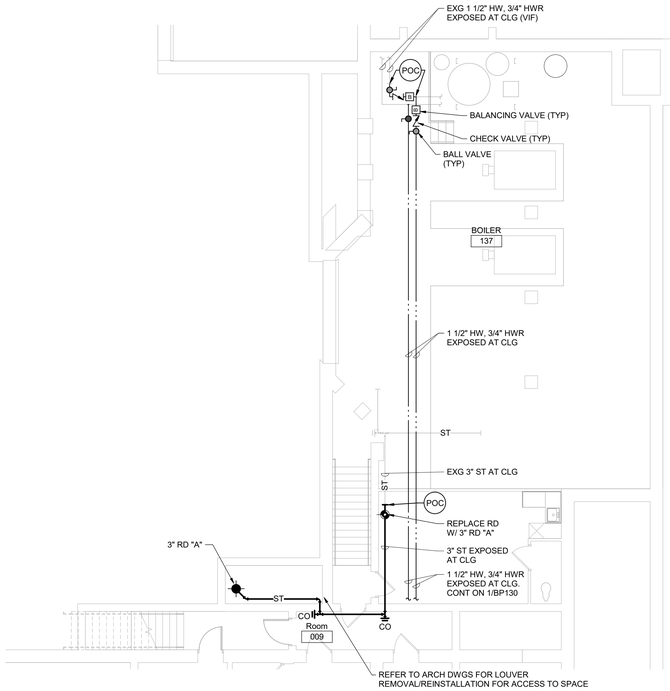
Third Floor Plans, Details and Schedule

Drawn By:	Date:	Drawing Number:
GPD/ sef	12/1/2023	BP051

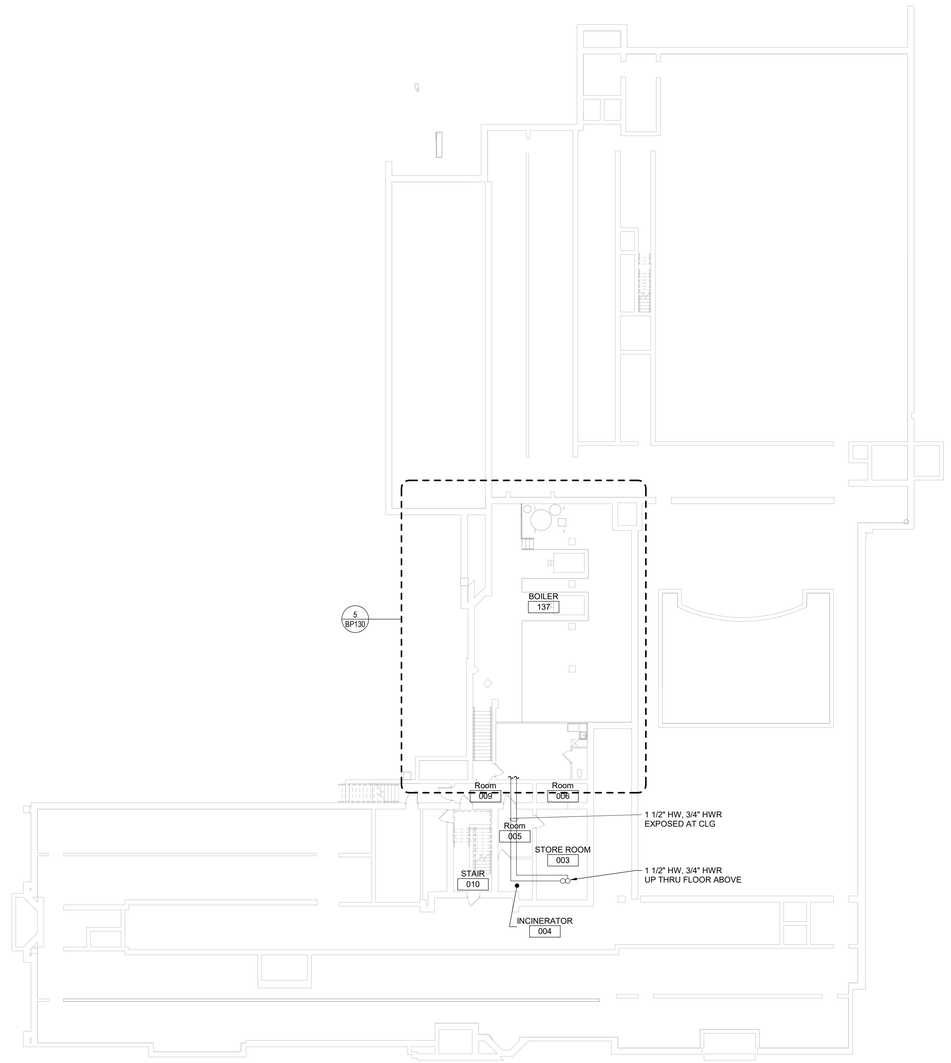
Project No.: 234903-23001



9 Accessible Lavatory Rough-In Detail
NTS



5 Boiler Room 137 Plan
1/8" = 1'-0"



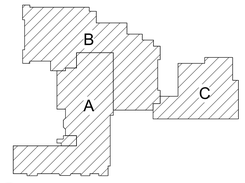
1 Basement Floor Plan - Area A
1/16" = 1'-0"

Plan Notes

A. REFER TO DRAWING NO. BP050 FOR GENERAL NOTES.

B. REMOVE PLUMBING FIXTURES INDICATED, INCLUDING ASSOCIATED PIPING, FASTENERS, SUPPORTS, ETC., BACK TO POINTS OF CONCEALMENT WITHIN OR BEHIND REMAINING WALLS, BELOW FLOORS OR ABOVE CEILINGS.

C. REMOVE ABANDONED ACCESSIBLE PIPING TO MAIN BRANCHES, STACKS OR RISERS AS REQUIRED TO ELIMINATE EXPOSED PIPING AND DEAD END PIPING RUNS LONGER THAN 1'-0". COORDINATE CONCEALMENT OF PIPING WITH FINAL CONSTRUCTION OF WALLS, FLOORS AND CEILINGS.



Key Plan
N.T.S.

N

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

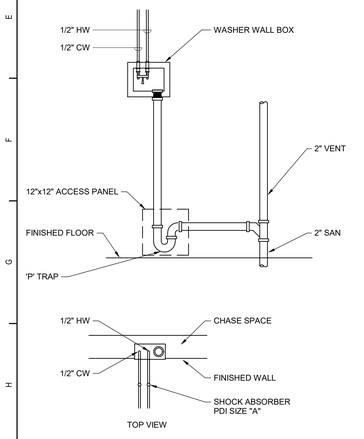
TETRA TECH
ARCHITECTS & ENGINEERS

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

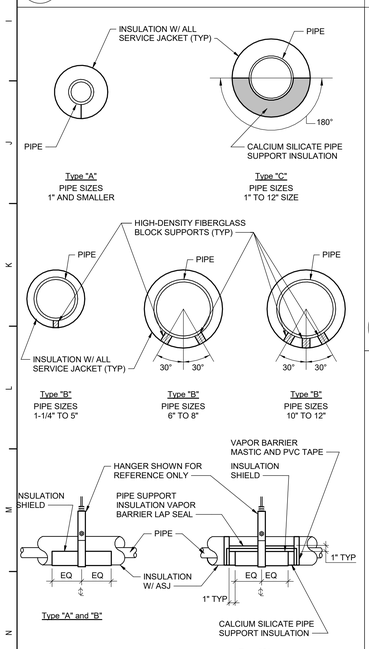
Reconstruction to:
Dobbs Ferry Middle / High School

Basement Floor Plans and Details

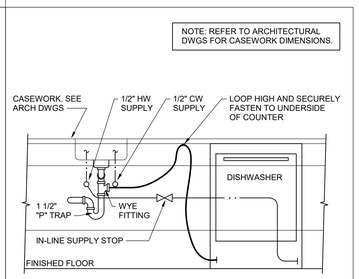
Drawn By:	Date:	Drawing Number:
GPD/ sef	12/1/2023	BP130
Project No.: 234903-23001		



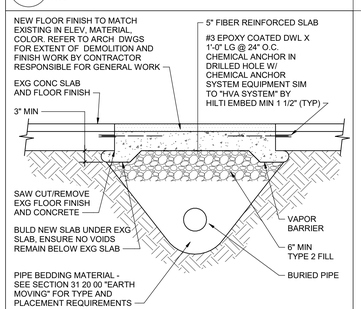
10 Washer Wall Box Detail
NTS



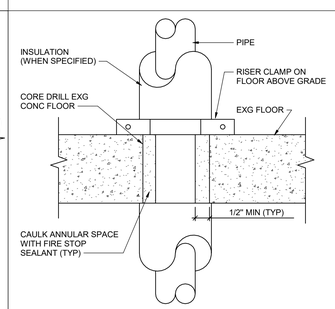
11 Insulated Piping Support Assemblies
NTS



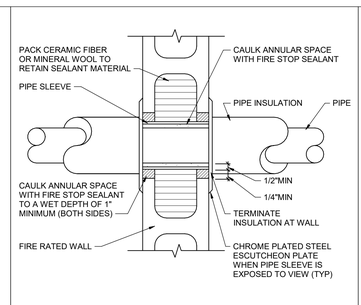
7 Dishwasher connection
NTS



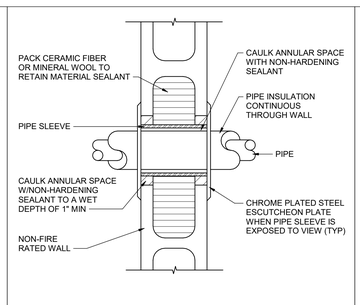
8 Trenching Below Existing Slab Detail
NTS



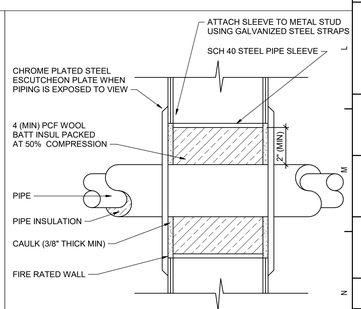
6 Existing Floor Penetration Detail
NTS



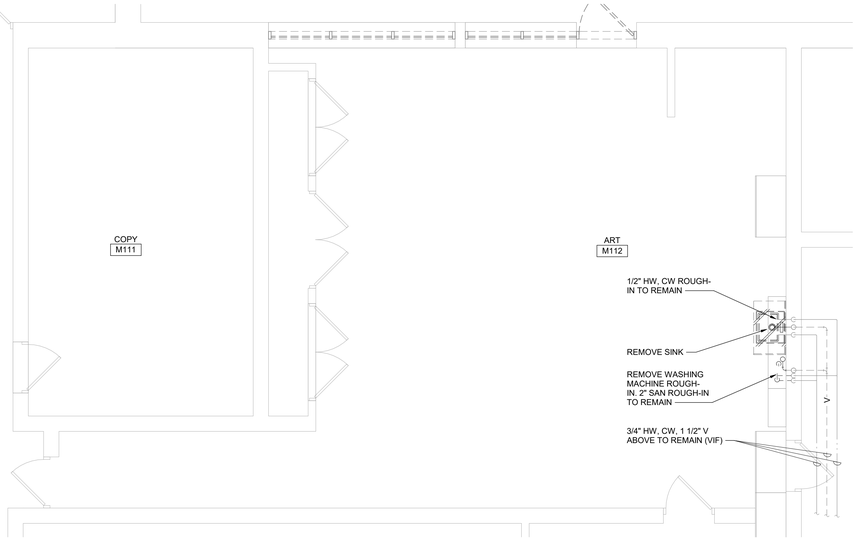
4 Fire Rated CMU Wall Pipe Sleeve Detail
NTS



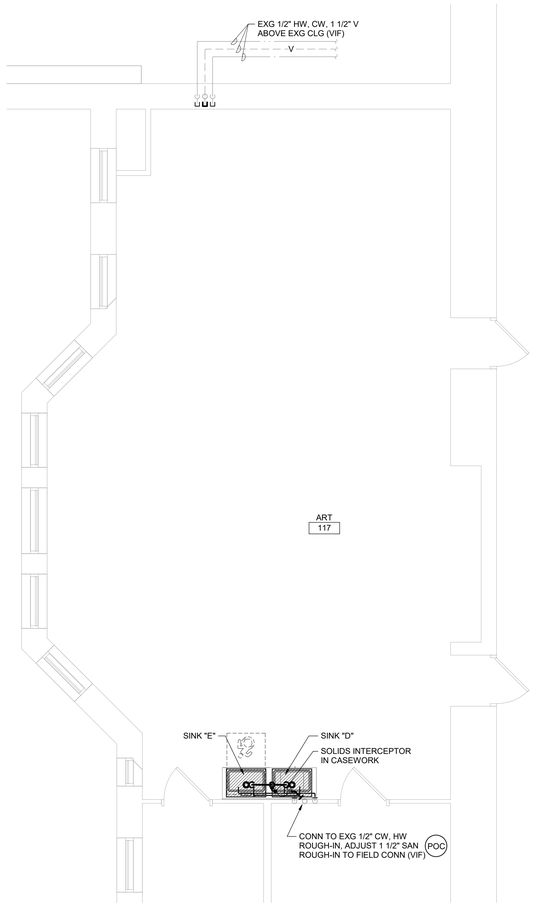
3 CMU Wall Pipe Sleeve Detail
NTS



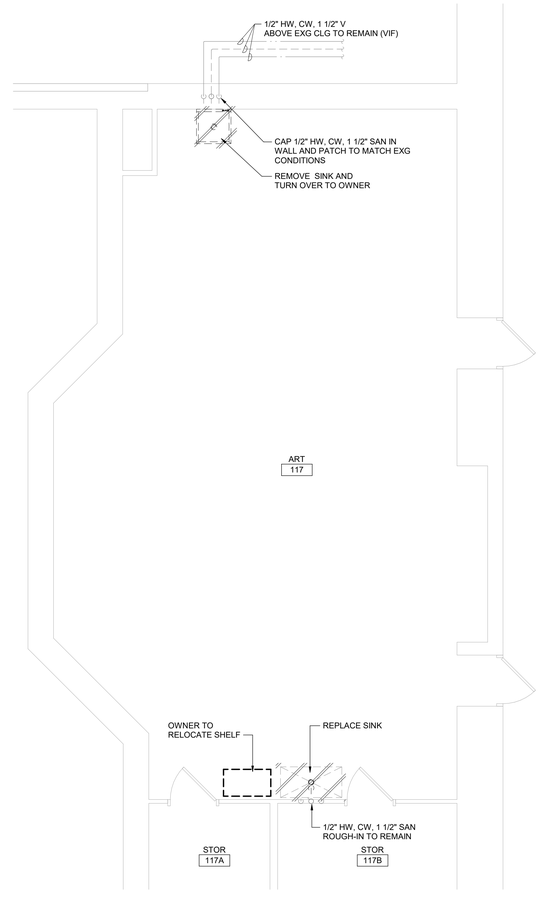
2 Fire Rated Metal Stud Wall Sleeve Detail
NTS



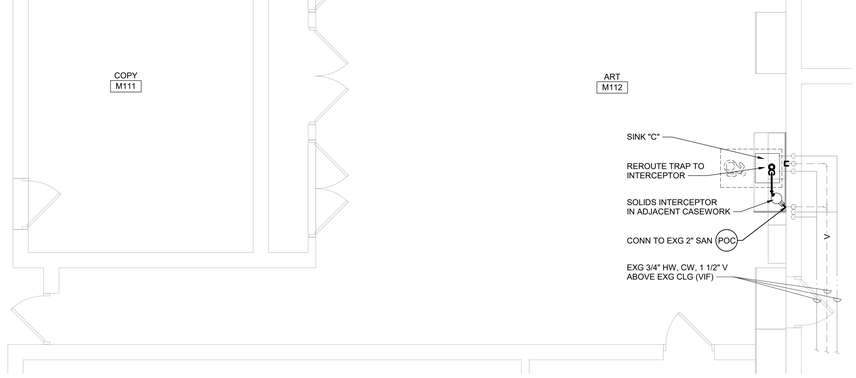
5 Art Room M112 Demolition Plan
1/4" = 1'-0"



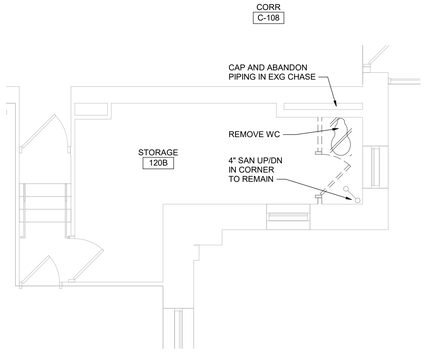
3 Art Room 117 Plan
1/4" = 1'-0"



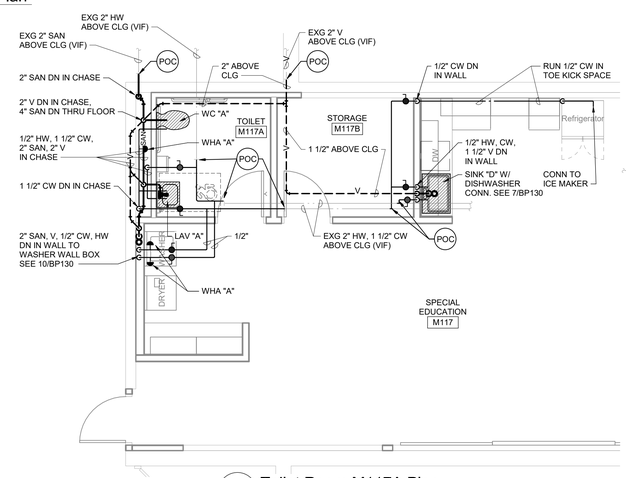
1 Art Room 117 Demolition Plan
1/4" = 1'-0"



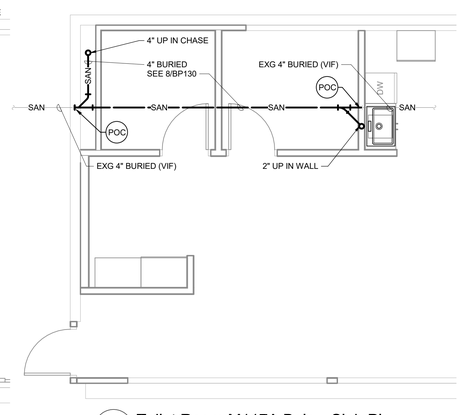
6 Art Room M112 Plan
1/4" = 1'-0"



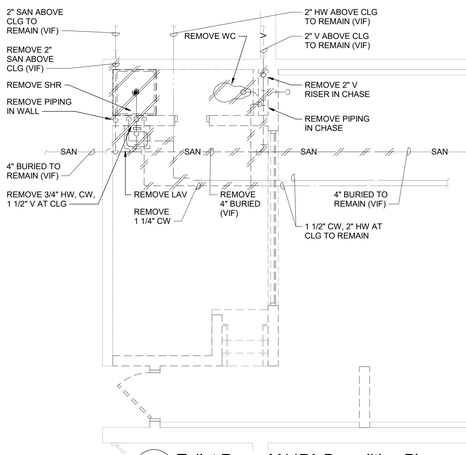
8 Auditorium Storage Room 120B Demolition Plan
1/4" = 1'-0"



7 Toilet Room M117A Plan
1/4" = 1'-0"



4 Toilet Room M117A Below Slab Plan
1/4" = 1'-0"



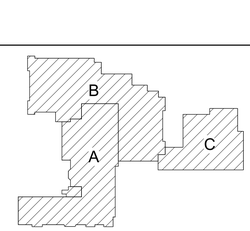
2 Toilet Room M117A Demolition Plan
1/4" = 1'-0"

Plan Notes

A. REFER TO DRAWING NO. BP050 FOR GENERAL NOTES.

B. REMOVE PLUMBING FIXTURES INDICATED, INCLUDING ASSOCIATED PIPING, FASTENERS, SUPPORTS, ETC., BACK TO POINTS OF CONCEALMENT WITHIN OR BEHIND REMAINING WALLS, BELOW FLOORS OR ABOVE CEILINGS.

C. REMOVE ABANDONED ACCESSIBLE PIPING TO MAIN BRANCHES, STACKS OR RISERS AS REQUIRED TO ELIMINATE EXPOSED PIPING AND DEAD END PIPING RUNS LONGER THAN 1'-0". COORDINATE CONCEALMENT OF PIPING WITH FINAL CONSTRUCTION OF WALLS, FLOORS AND CEILINGS.



Key Plan
N.T.S.

N

S.E.D. Control No. 66-04-03-03-0-001-020

Rev. No.:	Date:	Description:

Dobbs Ferry School District
Independent Thinkers Change Worlds

complex world | CLEAR SOLUTIONS

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

BID SET

TETRA TECH
ARCHITECTS & ENGINEERS

Dobbs Ferry Union Free School District
Dobbs Ferry, New York

Reconstruction to:
Dobbs Ferry Middle / High School

Enlarged Plans

Drawn By:	Date:	Drawing Number:
GPD/ sef	12/1/2023	BP400
Project No.:		
234903-23001		