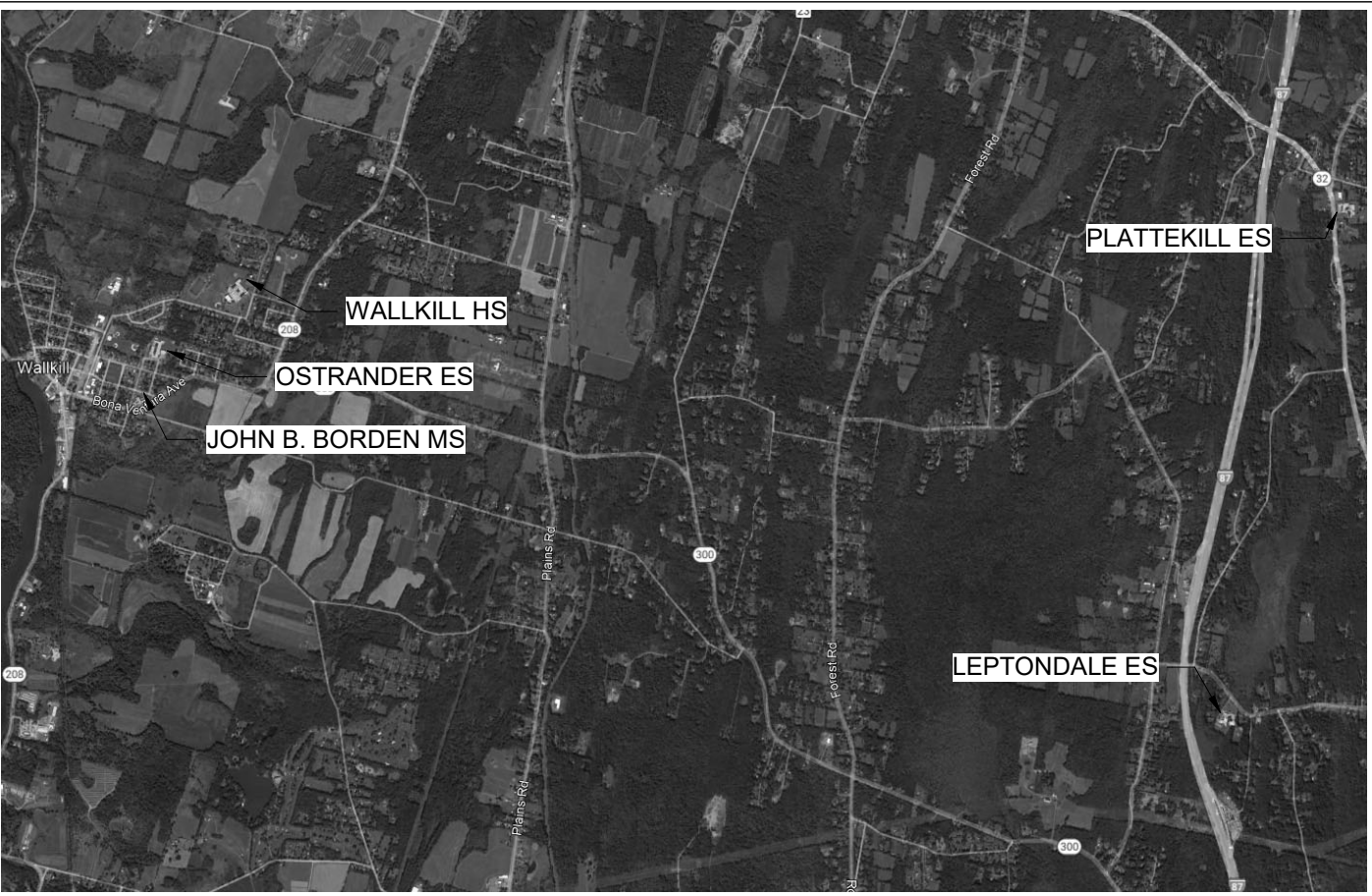


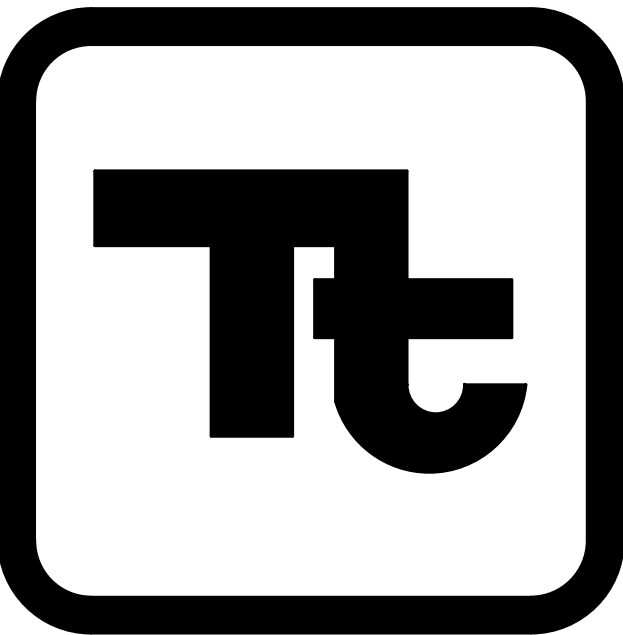
Reconstruction to:
Wallkill Senior High School
John G. Borden Middle School
Ostrander Elementary School
Plattekill Elementary School
Leptondale Elementary School
Wallkill Central School District
Wallkill, New York

62-18-01-06-0-007-018
62-18-01-06-0-002-014
62-18-01-06-0-003-014
62-18-01-06-0-005-015
62-18-01-06-0-001-019



Project Location Map

Drawing List	Wallkill Senior High School	John G. Borden Middle School	Ostrander Elementary School	Ostrander Elementary School
GENERAL				
G001 Title Sheet	AC507 Site Details			
G100 Symbols and Abbreviations				
Wallkill Senior High School	ARCHITECTURAL	CODE COMPLIANCE	CODE COMPLIANCE	MECHANICAL
	AA051 Basement and First Floor Key Plans	BG350 Code Compliance Review	CG350 Code Compliance Review	CM051 First Floor Key Plan
	AA052 Second Floor Key Plan	BG351 First Floor - Scope of Work and Rescue Window Locations	CG351 First Floor - Scope of Work and Rescue Window Locations	CM101 Partial First Floor Plans - Area A
CODE COMPLIANCE	AA101 First Floor Demolition Plan - Area A	BG352 Second and Third Floors - Rescue Window Locations		CM102 Partial First Floor Plans - Area B
AG300 Site Code Compliance and Key Plan	AA102 First Floor Demolition Plan - Area B		HAZARDOUS MATERIALS	CM103 Partial First Floor Plans - Area D
AG350 Code Compliance Review	AA103 First Floor Demolition Plan - Area C		CHAZ101 First Floor Abatement Plan	CM104 Roof Demolition Plan
AG351 First Floor - Scope of Work and Rescue Window Locations	AA104 First Floor Demolition Plan - Area D	HAZARDOUS MATERIALS		CM105 Roof Plan
AG352 Second Floor - Scope of Work and Rescue Window Locations	AA105 First Floor Demolition Plan - Area E	BHAZ100 First Floor Abatement Plan	SURVEY / MAPPING	CM500 Details
	AA108 Second Floor Demolition Plan - Area C		CV001 Existing Land Survey	CM600 Schedules
	AA109 Second Floor Demolition Plan - Area D	ARCHITECTURAL		CM700 Controls
SURVEY / MAPPING	AA110 Second Floor Demolition Plan - Area E	BA051 Basement and First Floor Key Plans	CIVIL	
AV001 Existing Land Survey	AA131 First Floor Plan - Area A	BA052 Second and Third Floor Key Plans	CC100 Site Demolition Plan	ELECTRICAL
AV002 Existing Land Survey	AA132 First Floor Plan - Area B	BA101 First Floor Demolition Plan - Area A	CC110 SESC Plan	CE051 First Floor Key Plan
AV003 Existing Land Survey	AA133 First Floor Plan - Area C	BA102 First Floor Demolition Plan - Area B	CC120 Site Layout Plan	CE100 Partial First Floor Demolition Plan - Area A
AV004 Existing Land Survey	AA134 First Floor Plan - Area D	BA103 Second Floor Demolition Plan - Areas A and B	CC130 Site Grading and Utility Plan	CE101 Partial First Floor Demolition Plan - Area B
AV005 Existing Land Survey	AA135 First Floor Plan - Area E	BA104 Third Floor Demolition Plan - Areas A and B	CC500 Site Details	CE102 Partial First Floor Demolition - Area C
	AA138 Second Floor Plan - Area C	BA131 First Floor Plan - Area A	CC501 Site Detail	CE103 Roof Power, Communications and Fire Alarm Demolition Plan
CIVIL	AA139 Second Floor Plan - Area D	BA132 First Floor Plan - Area B		CE130 Partial First Floor Lighting Plans - Area A
AC100 Site Demolition Plan - Area A	AA140 Second Floor Plan - Area E	BA133 Second Floor Plan - Areas A and B	ARCHITECTURAL	CE131 Partial First Floor Lighting Plan Area B
AC101 Site Demolition Plan - Area B	AA400 Enlarged Plans and Details	BA134 Third Floor Plan - Areas A and B	CA051 First Floor Key Plan	CE132 Partial Frist Floor Lighting Plan Area C
AC102 Site Demolition Plan - Area C	AA600 Door Schedule, Door and Window Types, and Details	BA400 Enlarged Plans and Details	CA052 Roof Plan	CE161 First Floor Power, Communications and Fire Alarm Plans
AC110 SESC Plan - Area A	AA601 Door and Window Details	BA600 Door Schedule, Door and Window Types, and Details	CA104 First Floor Demolition Plan - Area A	
AC111 SESC Plan - Area B	AA750 Stair Details	BA900 Interior Elevations, Casework Details and Signage	CA105 First Floor Demolition Plan - Area B	CE162 Partial First Floor Power, Communications and Fire Alarm Plans - Area B
AC112 SESC Plan - Area C	AA900 Details and Signage	BA920 Auditorium Details	CA106 First Floor Demolition Plan - Area C	CE163 Roof Power, Communications and Fire Alarm Plan
AC114 SESC Plan - Area E		BA921 Auditorium Seating Layout	CA107 First Floor Demolition Plan - Area D	CE400 Enlarged Plan
AC120 Site Layout Plan - Area A	STRUCTURAL		CA134 First Floor Plan - Area A	CE500 Details
AC121 Site Layout Plan - Area B	AS130 Loading Dock Foundation Plan - Area B, Notes, Schedules and Details	MECHANICAL	CA135 First Floor Plan - Area B	CE501 Details
AC122 Site Layout Plan - Area C		BM051 First Floor Key and Partial Plans	CA136 First Floor Plan - Area C	CE600 Schedules
AC123 Site Layout Plan - Area D	MECHANICAL	BM500 Details, Schedules and Controls	CA137 First Floor Plan - Area D	
AC130 Site Grading Plan - Area A	AM051 First Floor Key and Partial Plans	ELECTRICAL	CA160 First Floor Reflected Ceiling Plan - Area A	PLUMBING
AC131 Site Grading Plan - Area B	AM500 Details, Schedule and Control	BE051 First Floor Key Plan	CA161 First Floor Reflected Ceiling Plan - Area B	CP050 Partial Roof Plan - Area A and Details
AC132 Site Grading Plan - Area C		BE400 Enlarged Partial First Floor Plans - Area A	CA162 First Floor Reflected Ceiling Plan - Area C	Common
AC133 Site Grading Plan - Area D	ELECTRICAL	BE500 Details	CA163 First Floor Reflected Ceiling Plan - Area D	
AC140 Site Utility Plan - Area A	AE001 Site Electrical - Area A		CA400 Enlarged Plans and Details	ARCHITECTURAL
AC141 Site Utility Plan - Area B	AE002 Site Electrical - Area B		CA600 Door Schedule, Door and Window Types, and Details	ZA750 Roof Details
AC142 Site Utility Plan - Area C	AE003 Site Electrical - Area C		CA900 Interior Elevations, Details and Signage	
AC143 Site Utility Plan - Area D	AE051 Basement and First Floor Key Plan			
AC144 Site Utility Plan - Area E	AE400 Enlarged First Floor Plans - Area A		STRUCTURAL	
AC500 Site Details	AE500 Site Electrical Details		CS130 Partial Roof Framing Plan - Areas A, B Notes, Schedules, and Details	
AC501 Site Details	AE501 Electrical Details			
AC502 Site Details	AE600 Diagrams			
AC503 Site Details				
AC504 Site Details	PLUMBING			
AC505 Site Details	AP001 Partial Plumbing Site Plan			
AC506 Site Details	AP400 Enlarged Plans and Details			



TETRA TECH
ARCHITECTS & ENGINEERS

Architecture Engineering Planning
High Performance Facilities

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

VOLUME 1 OF 2

17597-22001
11/4/2022

Set No.

Drawing Number:

G001

SPOT ELEVATION
 TOP OF CURB ELEVATION
 BOTTOM OF CURB ELEVATION
 EXISTING SPOT ELEVATION
 CONTOUR
 EXISTING CONTOUR
 SOIL TEST BORING
 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
 STORM LINE WITH HEADWALL
 STORM LINE WITH ENDWALL
 STORM LINE WITH END SECTION
 STORM PIPE
 STORM PIPE TO REMAIN
 STORM PIPE TO BE REMOVED/ABANDONED
 UNDERDRAIN
 UNDERDRAIN TO REMAIN
 UNDERDRAIN TO BE REMOVED/ABANDONED
 SANITARY LINE
 SANITARY LINE TO REMAIN
 SANITARY LINE TO BE REMOVED/ABANDONED
 GAS LINE
 GAS LINE TO REMAIN
 GAS LINE TO BE REMOVED/ABANDONED
 WATER LINE
 WATER LINE TO REMAIN
 WATER LINE TO BE REMOVED/ABANDONED
 STORM/SANITARY CLEANOUT
 GATE VALVE
 SIGN POST
 UNIVERSAL HANDICAP SYMBOL
 REMOVAL
 RIP-RAP

WALLS

- 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

DOOR AND WINDOW SCHEDULE

- DOOR NUMBER (ROOM NO W/ DOOR NO)
- WINDOW TYPE
- RELOCATED EQUIPMENT FURNITURE OR CASEWORK NUMBER
- PARTITION TYPE
- 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
- DIRECTION OF DOWNWARD SLOPE AND DEGREE OF SLOPE OF TAPERED INSULATION (MINIMUM 1/8"/FT, TYP UNO)
- DIRECTION OF DOWNWARD SLOPE OF TAPERED INSULATION CRICKET (MINIMUM 1/4"/FT, TYP UNO)
- DIRECTION OF DOWNWARD SLOPE OF ROLLED OR SLOPED STRUCTURE
- TOTAL THICKNESS OF INSULATION
- TOTAL THICKNESS OF AREA OF FLAT INSULATION
- DESIGNATES ROOF SYSTEM TYPE
- WALKWAY PAD
- SKYLIGHT (REINSTALLED OR REPLACED)
- SMOKE VENT OR ROOF HATCH
- PIPE PENETRATION
- ROOFTOP HOOD ON CURB, TYP
- ROOFTOP EQUIPMENT ON CURB, TYP (SHAPE AND SIZE VARY)

REFLECTED CEILING SYMBOLS

- 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

INDICATES AREA IS EXISTING

INDICATES SLAB IS DERESSED OR RECESSED

TOP OF FTG ELEVATION FROM DATUM

CONTINUOUS FTG

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 TO REFER TO FOOTING SCHEDULE

INDICATES A FRAME ROOF OR FLOOR OR COORD SIZE AND LOCATION

RD

INDICATES FRAMED ORING IS FOR

RD = ROOF DRAIN

ME = MECH EQUIP

SL = SKYLIGHT

SH = SMOKE HATCH

AH = ACCESS HATCH

ELEVATION FROM DRAWING DATUM

BEAM SIZE

NUMBER OF BEAM STUDS OVER FULL LENGTH OF BEAM

W8x15 [14] (GIR) 21K

0.7

INDICATES TOP OF AT JOIST ELEVATION

END REACTION- KIP

STUDD OVER FULL LENGTH OF BEAM

DEFLECTION (INCH) APPROX W/ WET CO

L-2

INDICATES LINTEL DESIGNATION SEE SCHEDULE

INDICATES LINTEL CONNECTION TO COLUMN

INDICATES MEMBER IS EXISTING

INDICATES BEAM SPLICE

INDICATES MOMENT CONNECTION

OVER COLUMN

INDICATES SHEAR CONNECTION TO BE

INDICATES BM TO TOP OF WALL CLIPS

JOIST DESIGNATION

INDICATES JOIST MEMBER

12K3

JOIST

DIAGONAL BRIDGING

MASONRY LOAD BEARING WALL

SHEAR WALL SEE SCHEDULE

CFMF BEARING WALL

FIREWALL

WALL TYPE

Symbol	Description	Symbol	Description	Symbol	Description
ATV	ATMOSPHERIC VENT		BASKET STRAINER		CONNECTION TO EXISTING PIPING
BBD	BOILER BLOW DOWN		DUPLEX BASKET STRAINER		PLATE STRAINER
CWS	CHILLED WATER SUPPLY		AQUATRUST		HOSE BIBB
CWR	CHILLED WATER RETURN		PITCH PIPING (DOWN)		COMPRESSED AIR
CGS	CHILLED GLYCOL SUPPLY		AUTOMATIC FLOW CONTROL VALVE		LABORATORY VENT
CD	CONDENSATE DRAIN		BACKFLOW PREVENTOR		LABORATORY WASTE
C	CONDENSER WATER SUPPLY		BALANCING VALVE		LABORATORY WASTE (BURIED)
CR	CONDENSER WATER RETURN		BALL VALVE		VENT
GS	GLYCOL SUPPLY		EXISTING BALL VALVE		SANITARY (ABOVE GRADE)
GR	GLYCOL RETURN		BUTTERFLY VALVE		SANITARY (BURIED)
HGS	HOT GLYCOL SUPPLY		CHECK VALVE		INDIRECT WASTE
HGR	HOT GLYCOL RETURN		2-WAY CONTROL MODULATING VALVE		STORM (ABOVE GRADE)
HPWS	HEAT PUMP SUPPLY		3-WAY CONTROL MODULATING VALVE (INSTALL STEM VERTICAL)		STORM (BURIED)
HPWR	HEAT PUMP RETURN		3-WAY CONTROL THERMOSTATIC MIXING VALVE (SELF-CONTAINED)		FIRE STANDPIPE
HWS	HOT WATER SUPPLY		SOLENOID (ELECTRIC) ON/OFF		FIRE MAIN
HWR	HOT WATER RETURN		MOTORIZED MODULATING VALVE		FIRE SPRINKLER
HCS	HOT/CHILLED WATER SUPPLY		FUSIBLE LINK VALVE		EXISTING COLD WATER
HCRR	HOT/CHILLED WATER RETURN		GAS PRESSURE REGULATOR VALVE		EXG HOT WATER RETURN
LPS	LOW PRESSURE STEAM		TRIPLE DUTY VALVE		EXISTING 110° HOT WATER
LPC	LOW PRESSURE CONDENSATE		GATE VALVE		EXISTING 140° HOT WATER
LPWC	LOW PRESSURE STEAM WET (FLOODED) CONDENSATE		GLOBE VALVE		EXISTING 180° HOT WATER
MU	MECHANICAL EQUIPMENT MAKE-UP COLD WATER(NON-POTABLE)		OS&Y GATE VALVE		COLD WATER
RS	REFRIGERANT SUCTION		PLUG VALVE		HOT WATER
RL	REFRIGERANT LIQUID		PRESSURE REDUCING VALVE		HOT WATER RETURN
HG	REFRIGERANT HOT GAS		PRESSURE RELIEF VALVE		110° HOT WATER
PD	PUMP DISCHARGE		STEAM TRAP		140° HOT WATER
	REMOVE EXG. DUCT PIPING EQUIPMENT		FLOAT AND THERMOSTATIC STEAM TRAP		180° HOT WATER
EXG	EXISTING HVAC PIPE		BUCKET STEAM TRAP		TEMPERED (HOT) WATER
	BOTTOM PIPE CONNECTION		AIR SEPARATOR		RAW WATER
	TOP PIPE CONNECTION		CIRCULATING PUMP		SOFT WATER
	PIPE ELBOW DOWN		WATER HAMMER ARRESTOR		DEIONIZED WATER
	PIPE ELBOW UP		CLEANOUT PLUG		DISTILLED WATER
	PIPE DOWN WITH CLEANOUT AT BASE		CLEANOUT DECK PLATE		GAS
	PIPE DOWN WITH SHUTOFF VALVE		FIRE RISER VALVE ASSEMBLY		PROPANE
	CAP OR PLUG		BURNER SHUT OFF		DIESEL FUEL
	UNION CONNECTION		HUMIDISTAT		UNLEADED GASOLINE
	FLANGE CONNECTION		HUMIDITY SENSOR		EXG FUEL OIL SUPPLY
	PIPING REDUCER (CONCENTRIC)		HUMIDITY SENSOR W/ GUARD		FUEL OIL SUPPLY
	PIPING REDUCER (ECCENTRIC)		PRESSURE SENSOR		EXG FUEL OIL RETURN
	PIPE ANCHOR		PRESSURE SENSOR W/ GUARD		FUEL OIL RETURN
	PIPE GUIDE		EXG FUEL OIL VENT		FUEL OIL VENT
	EXPANSION COMPENSATOR		MECHANICAL EQUIPMENT MAKE-UP COLD WATER (NON-POTABLE)		EXISTING ROOF DRAIN
	EXPANSION JOINT				ROOF DRAIN REPLACING EXG
	FLEX CONNECTOR				ROOF DRAIN
	TEMPERATURE OR PRESSURE PROBE WELL				SCUPPER ROOF DRAIN
	THERMOMETER				EXG PLUMBING FIXTURE TO BE REMOVED
	PRESSURE SWITCH				EXG PLUMBING FIXTURE
	PRESSURE GAUGE				PLUMBING FIXTURE
	TEMPERATURE/PRESSURE GAUGE				FLOOR DRAINS
	MANUAL AIR VENT				FLOOR SINK
	AUTOMATIC AIR VENT				WALL HYDRANT
	STEAM VENT				FIRE HOSE

	LIGHT FIXTURE # DENOTES TYPE		CABLE TRAY - LADDER TYPE
	LIGHT FIXTURE # DENOTES TYPE		CABLE TRAY - BASKET TYPE
	RETROFITTED LIGHT FIXTURE AS NOTED		SURFACE RACEWAY TYPE AS DESCRIBED ON DWGS.
	COMBINATION EXIT/EMERGENCY LIGHT # DENOTES TYPE		COMMUNICATION INTERFACE OUTLET
	EMERGENCY LIGHT W/BATTERY PACK # DENOTES TYPE		CEILING MOUNT SPEAKER
	EMER. LIGHT/WALL MOUNT # DENOTES TYPE		WALL MOUNT SPEAKER
	EMERGENCY FIXTURE # DENOTES TYPE		VOLUME CONTROL
	EMERGENCY FIXTURE # DENOTES TYPE		HORN SPEAKER
	EXIT LIGHT - CEILING MOUNTED # DENOTES TYPE		PROGRAM BELL
	EXIT LIGHT - WALL MOUNTED # DENOTES TYPE		FLOOR BOX
	DAYLIGHT SENSOR		DOOR RELEASE
	AREA OF RESCUE LIGHT FIXTURE # DENOTES TYPE		SECURITY ALARM HORN
	POLE MOUNTED SITE LIGHT # DENOTES TYPE		SECURITY SENSOR
	LIGHT SWITCH (LINE VOLTAGE)		OB - GLASS BREAK MO - MOTION DETECTOR SD - SOUND DETECTOR SC - SECURITY DOOR CONTACT
	K - KEY OPERATED 3 - 3-WAY 4 - 4-WAY D - DIMMER		SECURITY SYSTEM KEYPAD # DENOTES DESIGNATION
			SECURITY CAMERA # DENOTES DESIGNATION
			SECURITY REQUEST TO EXIT SENSOR
	LIGHTING CONTROL (LOW VOLTAGE)		LOW-VOLTAGE POWER SUPPLY # DENOTES DESIGNATION
	TIME CLOCK		SECURITY ELECTRIC LOCKING HARDWARE
	ACCESS POINT		DOOR INTERCOM CALL STATION # DENOTES DESIGNATION
	OCCUPANCY SENSOR		ACCESS CONTROL CARD READER # DENOTES DESIGNATION
	VACANCY SENSOR		ADA PUSH BUTTON
	PHOTO CELL		SECURITY CCTV MONITOR
	LIGHTING CONTROL		SECURITY DURESS BUTTON
	FIRE ALARM MANUAL PULL STATION		EXISTING PANEL TO REMAIN
	FIRE ALARM BELL- W/STROBE W/O STROBE		EXISTING PANEL TO REPLACE
	FIRE ALARM HORN- W/STROBE W/O STROBE		NEW PANEL
	SMOKE DETECTOR		SURGE PROTECTION DEVICE
	BEAM SMOKE DETECTOR		MOTOR
	DUCT SMOKE DETECTOR		NEW MOTOR SEE SCHEDULE FOR DESCRIPTION
	RATE OF RISE HEAT DETECTOR		PULL BOX
	FIXED HEAT DETECTOR		JUNCTION BOX
	FIRE ALARM STROBE LIGHT		HANDI-HAIR DRYER
	MAGNETIC DOOR HOLDER		SINGLE RECEPTACLE
	FIRE ALARM / VOICE NOTIFICATION SPEAKER (WALL)		DUPLEX RECEPTACLE
	FIRE ALARM / VOICE NOTIFICATION SPEAKER (CEILING)		DOUBLE DUPLEX RECEPTACLE
	FIRE ALARM / VOICE NOTIFICATION SPEAKER STROBE (CEILING)		SPECIAL PURPOSE RECEPTACLE
	FIRE ALARM / VOICE NOTIFICATION SPEAKER STROBE (WALL)		DUPLEX FLOOR RECEPTACLE
	RELAY		CORD REEL
	REMOTE INDICATOR TEST SWITCH		TELE. DATA POWER POLE
	SPRINKLER FLOW SWITCH		NON-FUSED DISCONNECT SWITCH
	SPRINKLER TAMPER SWITCH		FUSED DISCONNECT SWITCH
	FIRE ALARM ANNUNCIATOR PANEL		MOTOR STARTER
	FIRE ALARM CONTROL PANEL		COMBINATION STARTER
	FIRE ALARM GRAPHIC ANNUNCIATOR		CONTACTOR
	CONTROL STATION- TYPE AS DESCRIBED ON DWGS.		ENCLOSED CIRCUIT BREAKER
	HOUSE LIGHTING CONTROL STATION		EQUIPMENT CONNECTION
	DIMMER CONTROL - OUTLET		EMERGENCY OFF BUTTON
	AREA OF RESCUE STATION		TRANSFORMER # DENOTES DESIGNATION REFER TO RISER DIAGRAM
	MICROPHONE JACK		UTILITY POLE
	SPEAKER JACK		UNDERGROUND TELEPHONE
	HOUSE LIGHT PANIC STATION		OVERHEAD TELEPHONE
	AUDITORIUM INTERCOM		UNDERGROUND TELEVISION
	COMBINATION CLOCK/SPEAKER		OVERHEAD TELEVISION
	CLOCK		UNDERGROUND LIGHTING
	EXISTING TELEPHONE		OVERHEAD ELECTRIC
	TELEPHONE OUTLET		UNDERGROUND ELECTRIC
	W - WALL MOUNT AT 54" AFF		OVERHEAD ELECTRIC
	INTERCOM SOUND SYSTEM HAND SET - BLANK - WALL MOUNT AT 16" AFF		UNDERGROUND COMPUTER
	EXTERIOR EVACUATION STROBE (EES)		OVERHEAD COMPUTER
	LOCK DOWN		
	FLOOR TELEPHONE OUTLET		
	INTERCOM CALL SWITCH		
	TELEVISION OUTLET		
	COMPUTER OUTLET		
	AUDIO/VIDEO OUTLET		
	PROJECTOR MOUNTING TILE		

Symbol Tags

= REMOVE EXISTING

= EXISTING TO REMAIN

= RELOCATE EXISTING

USING THE FOLLOWING SYMBOLS IS TYPICAL FOR ALL ELEC SYMBOLS

AC = ABOVE CEILING
 AUX = AUXILIARY CONTACT
 WP = WEATHERPROOF
 WG = WIRE GUARD
 A = ABOVE (CASEWORK)
 B = BELOW (CASEWORK)
 H = HORIZONTAL
 TS = TIE KICK

		STANDARD REFERENCE BUBBLE
		DETAIL NUMBER
		DRAWING NUMBER
	Floor Plan 1/8"=1'-0"	DRAWING TITLE & SCALE
		BUILDING SECTION
		CONTRACT LIMIT LINE
		ADA S TURNING RADIUS
		ELEVATION CALL OUT
		WALL SECTION
		ELEVATION
		INTERIOR ELEVATION
		DETAIL
		NORTH ARROW
		CLASSROOM 101 ROOM NAME AND NUMBER
		PROPERTY LINE
		CUT LINE
		COLUMN CENTER LINE
		CENTER LINE
		MATCH LINE
		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 BAT)
		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. 62-18-01-06-0-007-018

S.E.D. Control No. 62-18-01-06-0-002-014

S.E.D. Control No. 62-18-01-06-0-003-014

S.E.D. Control No. 62-18-01-06-0-005-015

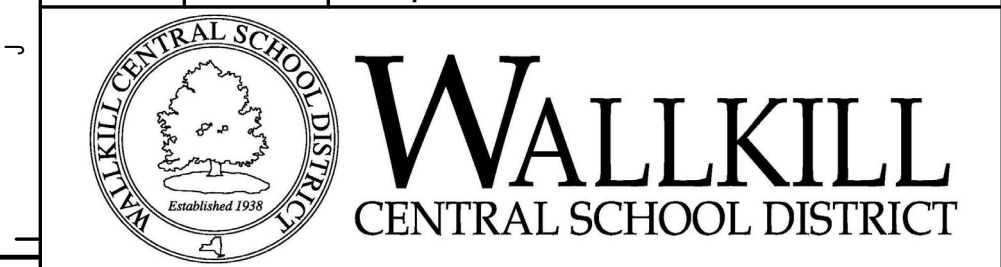
S.E.D. Control No. 62-18-01-06-0-001-019

Rev. No.	Date:	Description:

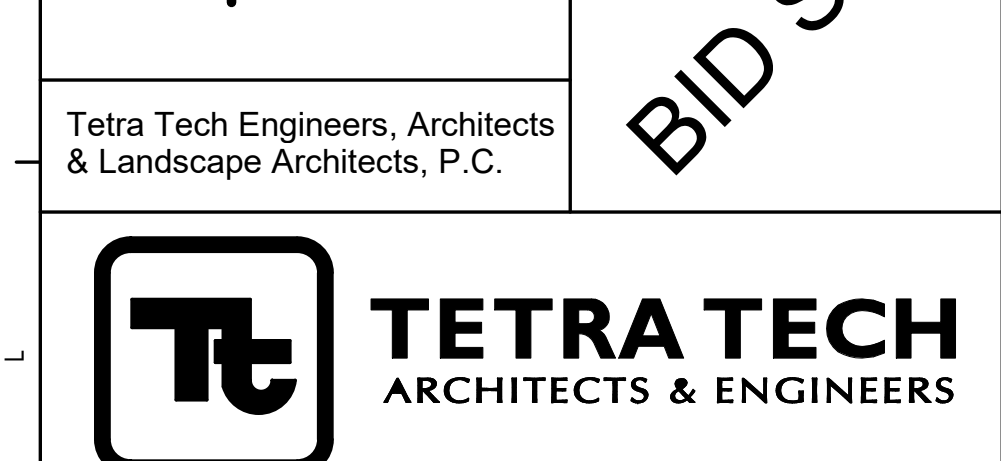
WALLKILL

CHARTERED BY ACT OF THE OHIO LEGISLATURE IN 1873

Rev. No.:	Date:	Description:
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K complex world CLEAR SOLUTIONS	SET
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Wallkill Central School District
Wallkill, New York

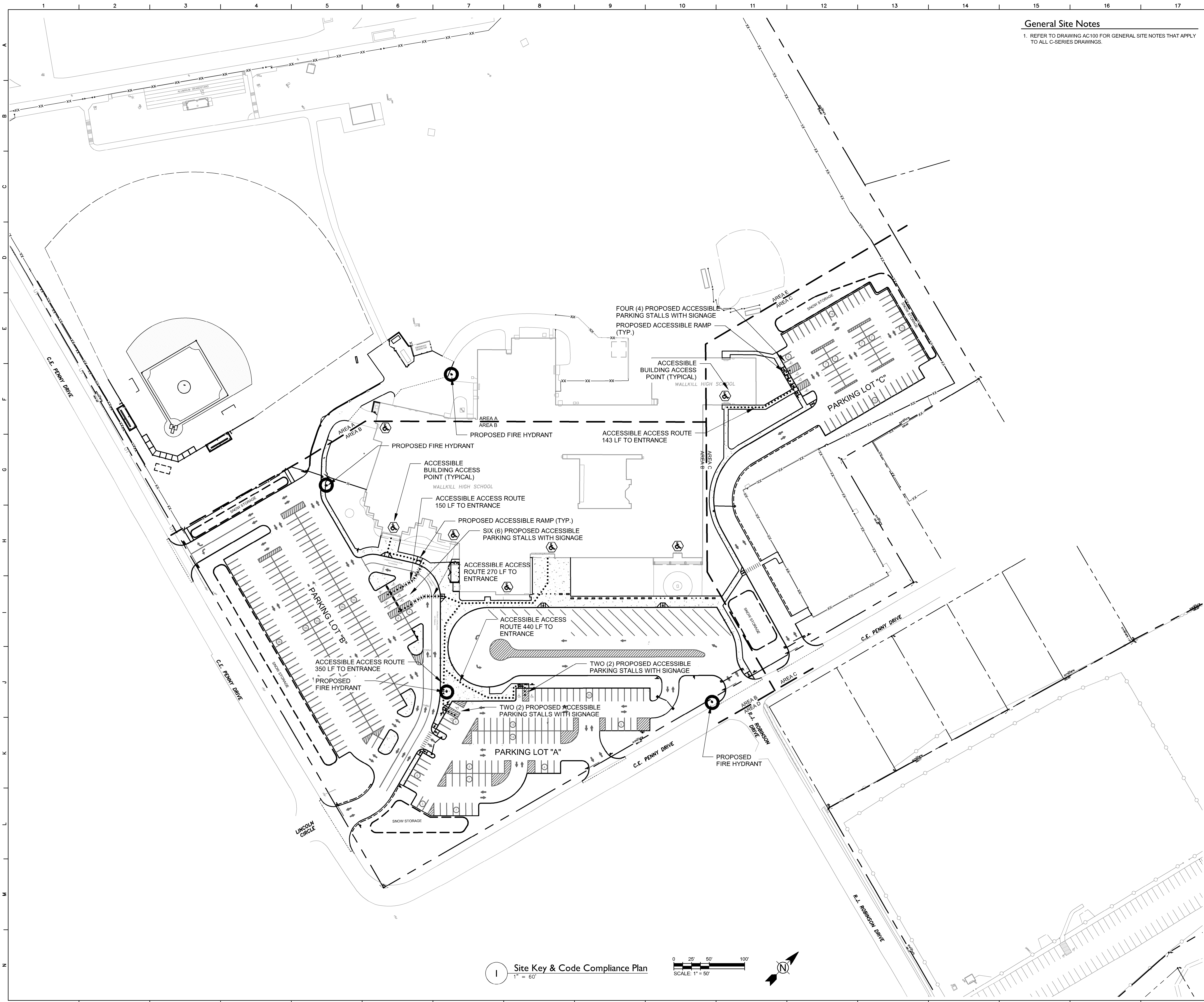
	<p>Reconstruction to: Wallkill Senior High School John G. Borden Middle School Ostrander Elementary School Plattekill Elementary School Leptondale Elementary School</p>
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Symbols and Abbreviations

N	Drawn By:	Date:	Drawing Number:
	TTAE	11/4/2022	

Project No.:	G100
17597-22001	

17001-22001	5-100
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General Site Notes

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

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.

IBC Table 1106.1 Accessible Parking Spaces

Parking Lot "A"	TOTAL PARKING SPACES PROVIDED IN PARKING FACILITY	REQUIRED MINIMUM NUMBER OF ACCESSIBLE SPACES
* TOTAL NUMBER OF EXISTING AND PROPOSED PARKING SPACES= 82	1 TO 25	1
* NUMBER OF ACCESSIBLE PARKING SPACES REQUIRED = 4	26 TO 50	2
	51 TO 75	3
	76 TO 100	4
	101 TO 150	5
	151 TO 200	6
	201 TO 300	7
	301 TO 400	8
	401 TO 500	9
	501 TO 1,000	2% OF TOTAL
	OVER 1,000	20 PLUS 1 FOR EACH 100 OVER 1,000

NOTE: PARKING SPACES USED EXCLUSIVELY FOR BUSES, TRUCKS AND OTHER DELIVERY VEHICLES, AND LAW ENFORCEMENT VEHICLES ARE EXEMPT FROM IBC TABLE 1106.1.

IBC Table 1106.1 Accessible Parking Spaces

Parking Lot "B"	TOTAL PARKING SPACES PROVIDED IN PARKING FACILITY	REQUIRED MINIMUM NUMBER OF ACCESSIBLE SPACES
* TOTAL NUMBER OF EXISTING AND PROPOSED PARKING SPACES= 188	1 TO 25	1
* NUMBER OF ACCESSIBLE PARKING SPACES REQUIRED = 8	26 TO 50	2
	51 TO 75	3
	76 TO 100	4
	101 TO 150	5
	151 TO 200	6
	201 TO 300	7
	301 TO 400	8
	401 TO 500	9
	501 TO 1,000	2% OF TOTAL
	OVER 1,000	20 PLUS 1 FOR EACH 100 OVER 1,000

NOTE: PARKING SPACES USED EXCLUSIVELY FOR BUSES, TRUCKS AND OTHER DELIVERY VEHICLES, AND LAW ENFORCEMENT VEHICLES ARE EXEMPT FROM IBC TABLE 1106.1.

IBC Table 1106.1 Accessible Parking Spaces

Parking Lot "C"	TOTAL PARKING SPACES PROVIDED IN PARKING FACILITY	REQUIRED MINIMUM NUMBER OF ACCESSIBLE SPACES
* TOTAL NUMBER OF EXISTING AND PROPOSED PARKING SPACES= 81	1 TO 25	1
* NUMBER OF ACCESSIBLE PARKING SPACES REQUIRED = 4	26 TO 50	2
	51 TO 75	3
	76 TO 100	4
	101 TO 150	5
	151 TO 200	6
	201 TO 300	7
	301 TO 400	8
	401 TO 500	9
	501 TO 1,000	2% OF TOTAL
	OVER 1,000	20 PLUS 1 FOR EACH 100 OVER 1,000

NOTE: PARKING SPACES USED EXCLUSIVELY FOR BUSES, TRUCKS AND OTHER DELIVERY VEHICLES, AND LAW ENFORCEMENT VEHICLES ARE EXEMPT FROM IBC TABLE 1106.1.

Site Accessible Legend

	ACCESSIBLE BUILDING ENTRY/EXIT
● ● ● ● ●	ACCESSIBLE ROUTE

Legend

34	NUMBER OF ADJACENT PARKING STALLS
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S.E.D. Control No. 62-18-01-06-0-007-018

1	1/16/23	SED Add. No. 2
Rev. No.:	Date:	Description:



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

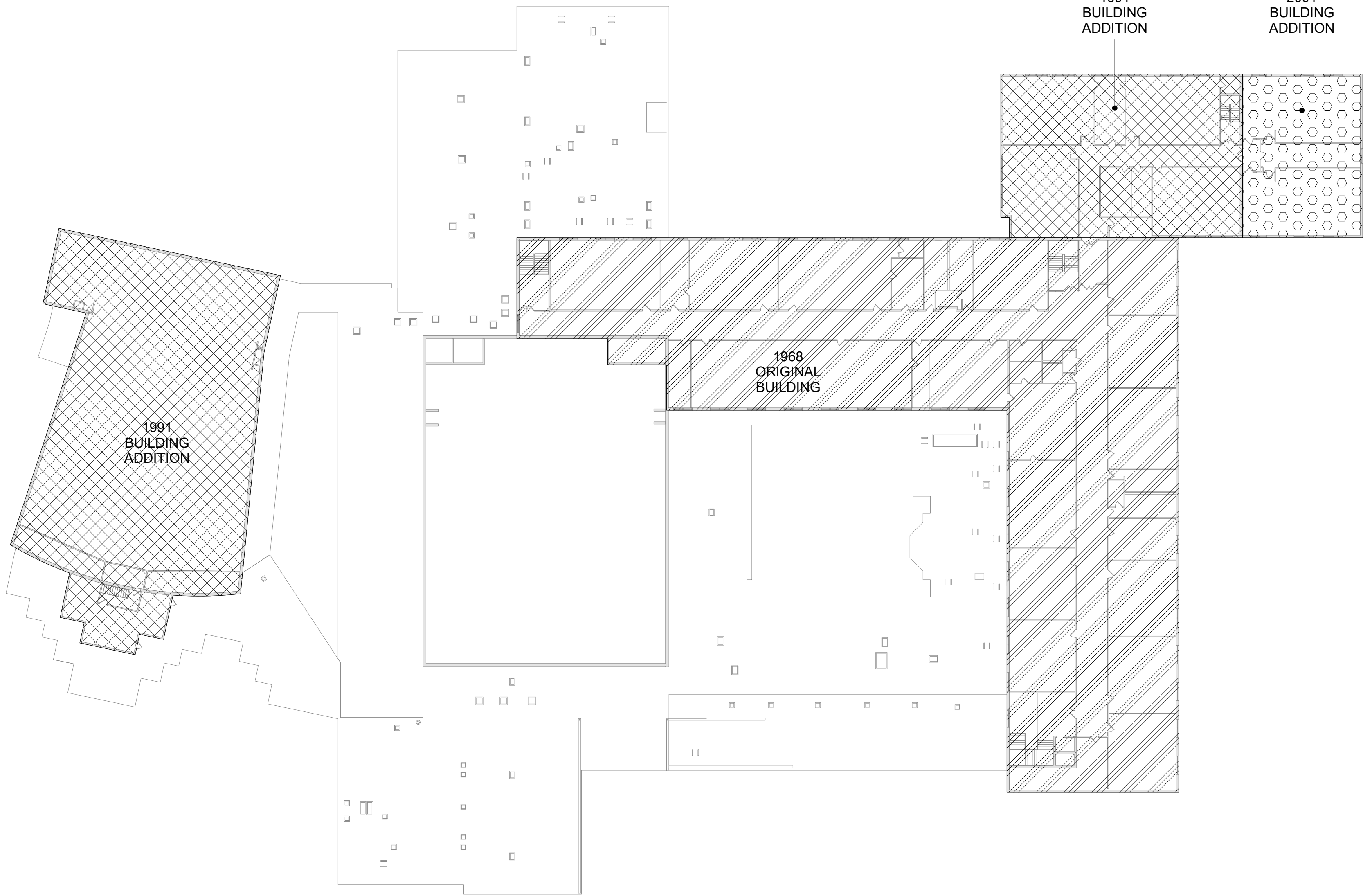


Wallkill Central School District
Wallkill, New York

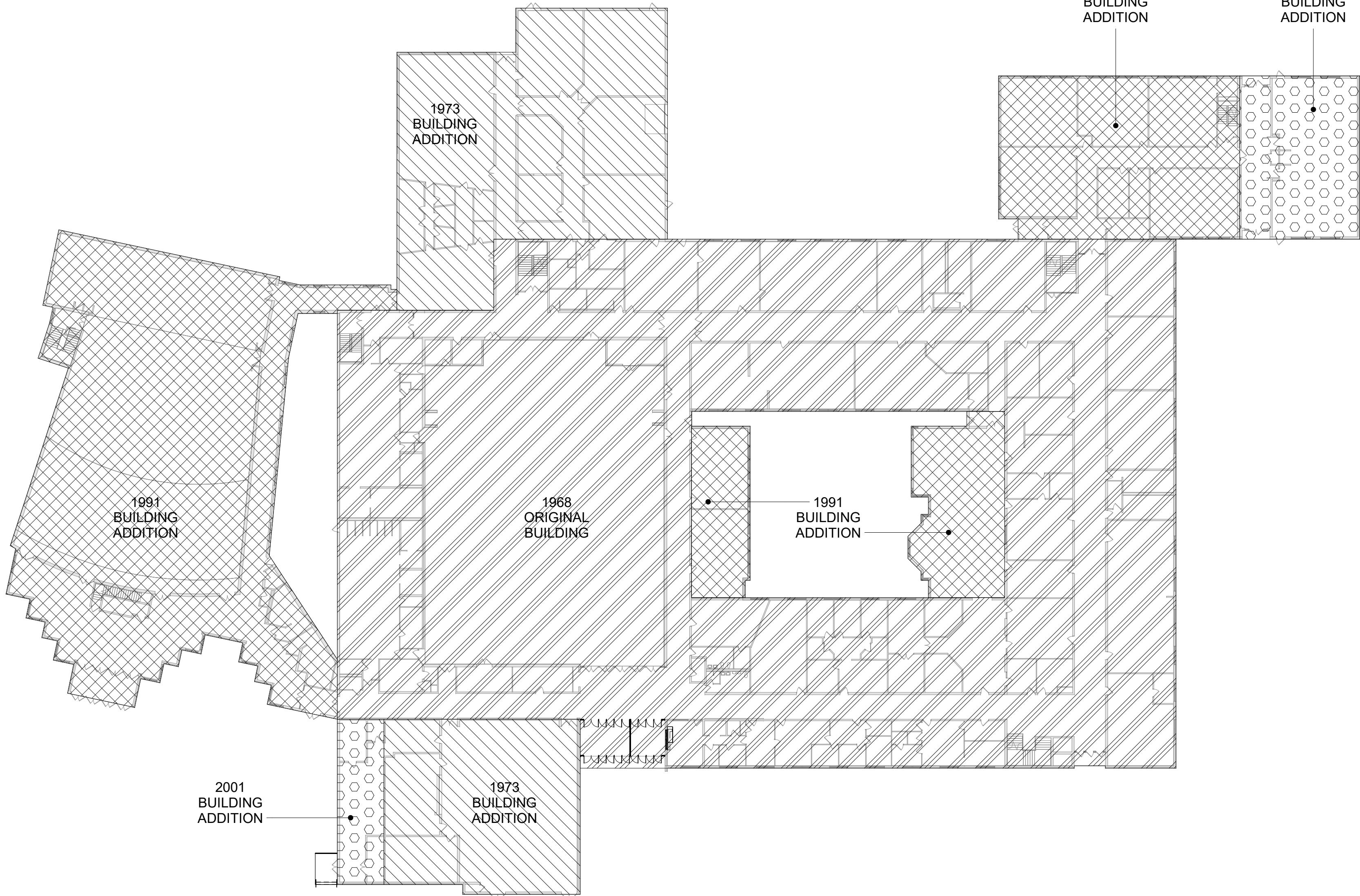
Reconstruction to:
Wallkill Senior High School

Site Code Compliance and Key Plan

Drawn by: J.L.P.	Date: 11/4/2022	Drawing No.:
Project No.:	AG300	
17597-22001		



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



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

Code Compliance Review

PROJECT LOCATION:
90 ROBINSON DRIVE, WALLKILL, NY 12588
BOUNDED BY C E PENNY DRIVE TO THE SOUTH, VETERANS CIRCLE TO THE NORTH, AND VALLEY VIEW DRIVE TO THE EAST.

PROJECT DESCRIPTION:
THIS PROJECT INCLUDES RENOVATION OF THE MAIN ENTRANCE TO CREATE A SECURE ENTRANCE VESTIBULE, REPLACEMENT OF THE EXISTING GYMNASIUM FLOOR, RECONSTRUCTION OF THE EXISTING LOADING DOCK, REPLACEMENT OF DOOR HARDWARE WITH NEW LOCKDOWN HARDWARE AND RECONFIGURATION OF THE SITE LAYOUT TO IMPROVE BUS DROP OFF PATTERNS AND PARKING.

- WORK GENERALLY CONSISTS OF THE FOLLOWING:
- ALTERATIONS - LEVEL 1
- LOCKDOWN DOOR HARDWARE UPGRADES
 - GYMNASIUM FLOOR REPLACEMENT
- ALTERATIONS - LEVEL 2
- RECONFIGURATION OF MAIN ENTRANCE FOR SECURITY
 - LOADING DOCK RECONSTRUCTION

APPLICABLE CODES (AND STANDARDS):

BASED ON THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE INCLUDING APPLICABLE 2018 ICC CODES, 2020 BUILDING CODE of NYS INCLUDING THE 2020 BCNYS, 2020 EBCNYS AND 2020 EGCNYS, ICC A117.1-09 STANDARD FOR ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES AND COMMISSIONER OF EDUCATIONS 155 REGULATIONS (SED MPS-98).

BUILDING DATA:

BUILDING: WALLKILL HIGH SCHOOL
90 ROBINSON DRIVE
WALLKILL, NY 12589

DESCRIPTION: THREE STORY MASONRY AND REINFORCED CONCRETE BUILDING WITH BASEMENT.

YEAR BUILT: 1968 CLARK & WARREN ARCHITECTS

BUILDING AREA: BASEMENT 15,417 SQFT
1ST FLOOR 109,939 SQFT
2ND FLOOR 50,345 SQFT

TOTAL GROSS AREA= 175,701 SQFT

CODE DATA SUMMARY:

USE GROUP:	E : EDUCATION						
CONSTRUCTION TYPE -							
EXISTING:	IIB						
NEW:	IIB						
SPRINKLERED:	NO						
WORK AREA:	<table><tr><th>LOCATION</th><th>AREA</th><th>% OF TOTAL</th></tr><tr><td>1ST FLOOR</td><td>902 SQFT</td><td>0.51%</td></tr></table>	LOCATION	AREA	% OF TOTAL	1ST FLOOR	902 SQFT	0.51%
LOCATION	AREA	% OF TOTAL					
1ST FLOOR	902 SQFT	0.51%					

PATH OF CODE COMPLIANCE:

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

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

NEW CONSTRUCTION WILL COMPLY WITH REQUIREMENTS OF 2018 ICC CODES, 2020 BUILDING CODE of NYS INCLUDING THE 2020 BCNYS, 2020 EBCNYS AND 2020 EGCNYS, ICC A117.1-09 STANDARD FOR ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES AND COMMISSIONER OF EDUCATIONS 155 REGULATIONS (SED MPS-98).

CORRIDOR ENCLOSURES (PER TABLE 1020.1):
FOR CORRIDOR FIRE RESISTANCE - SEE ENLARGED PLANS, PARTITION TYPES AND DOOR SCHEDULE.
ALL CROSS CORRIDOR PARTITIONS ARE SMOKE PARTITIONS AND EXTEND FROM FINISH FLOOR TO DECK ABOVE.

UL DESIGN NUMBERS:

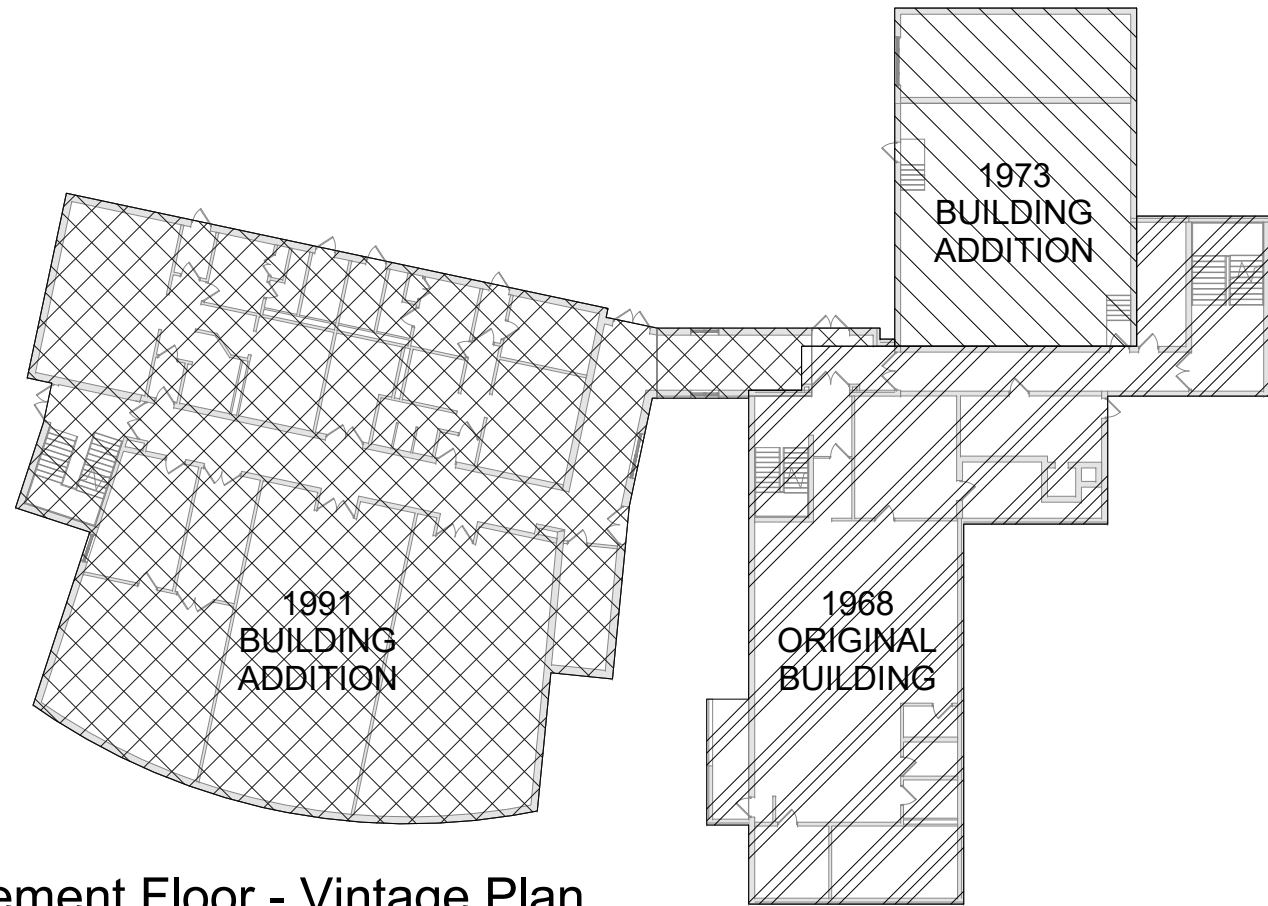
- 1 HR. STUD PARTITIONS UL# U465
2 HR. STUD PARTITIONS UL# U411
- NOTES:
1. RATING PROVIDED BY 4" SOLID CONCRETE MASONRY UNITS - DETERMINATION OF EQUIVALENT THICKNESS OF CMU REQUIRED IS BASED ON SECTION 721 PRESCRIPTIVE FIRE RESISTANCE, TABLE 721.1 (2) RATED FIRE RESISTANCE PERIODS FOR VARIOUS WALLS AND PARTITIONS, ITEM NUMBER 3-1.2
2. ALL CMU CONSTRUCTION SHALL MEET FIRE RESISTANCE REQUIREMENTS INDICATED IN CHART OF SAME NAME ABOVE, BLOCK TYPE AS REQUIRED TO COMPLY WITH UL DESIGN NUMBERS AND AS REQUIRED TO COMPLY WITH RATED WALLS INDICATED ON CODE COMPLIANCE DRAWINGS. PROVIDE MINIMUM 4" SOLID CMU AT SUCH LOCATIONS REGARDLESS IF NOTED AS SUCH ON PLAN DETAILS.

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:

1. REFER TO PLANS FOR RESCUE WINDOW LOCATIONS.
2. REFER TO SPECIFICATION SECTION 10 14 00 AND SIGNAGE DRAWINGS FOR TYPES AND LOCATIONS.



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

General Code Notes

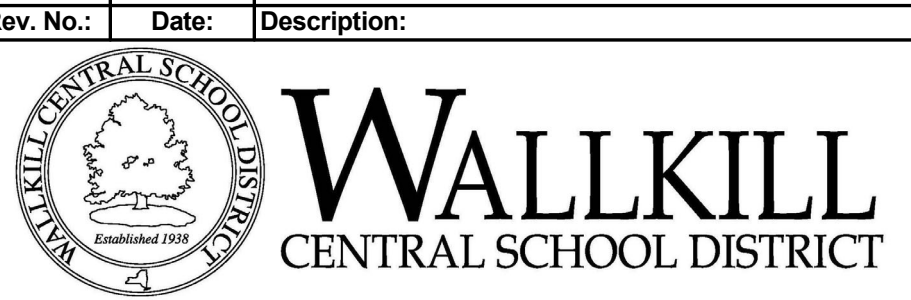
- A. COORDINATE WITH FLOOR PLANS, WALL SECTIONS AND PARTITION TYPES FOR RATED WALL TYPES AND LOCATIONS. IMMEDIATELY NOTIFY ARCHITECT OF ANY WALL RATING DISCREPANCIES BETWEEN DRAWINGS.
- B. ALL WALLS, INCLUDING AT CORRIDORS, SHALL EXTEND COMPLETELY TO THE UNDERSIDE OF DECKING, SUPPORTING STRUCTURE OR 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.

- (RW) RESCUE WINDOW
- 1968 ORIGINAL BUILDING
 - 1973 BUILDING ADDITION
 - 1991 BUILDING ADDITION
 - 2001 BUILDING ADDITION

S.E.D. Control No. 62-18-01-06-0-007-018



complex world
CLEAR SOLUTIONS

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

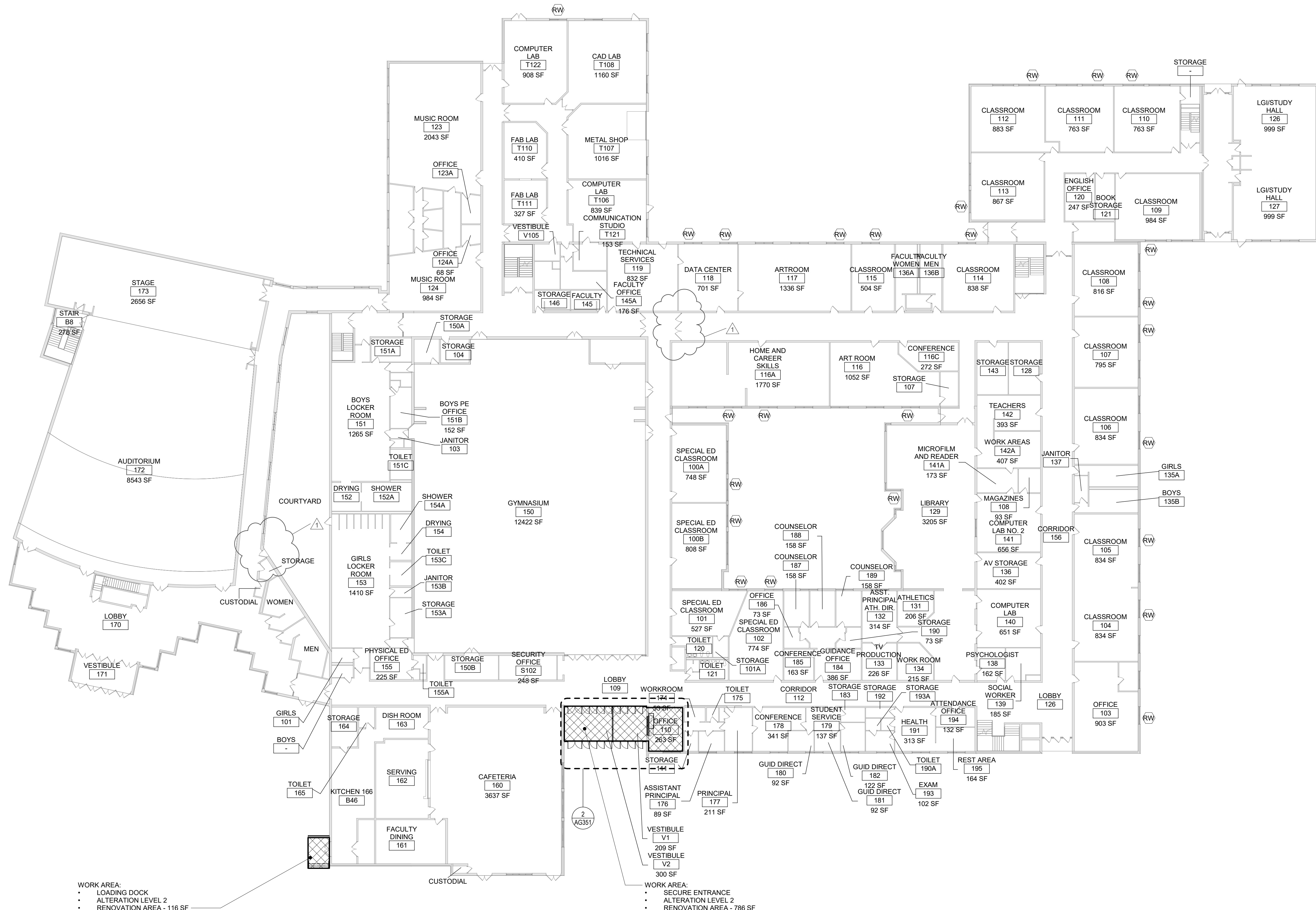


Wallkill Central School District
Wallkill, New York

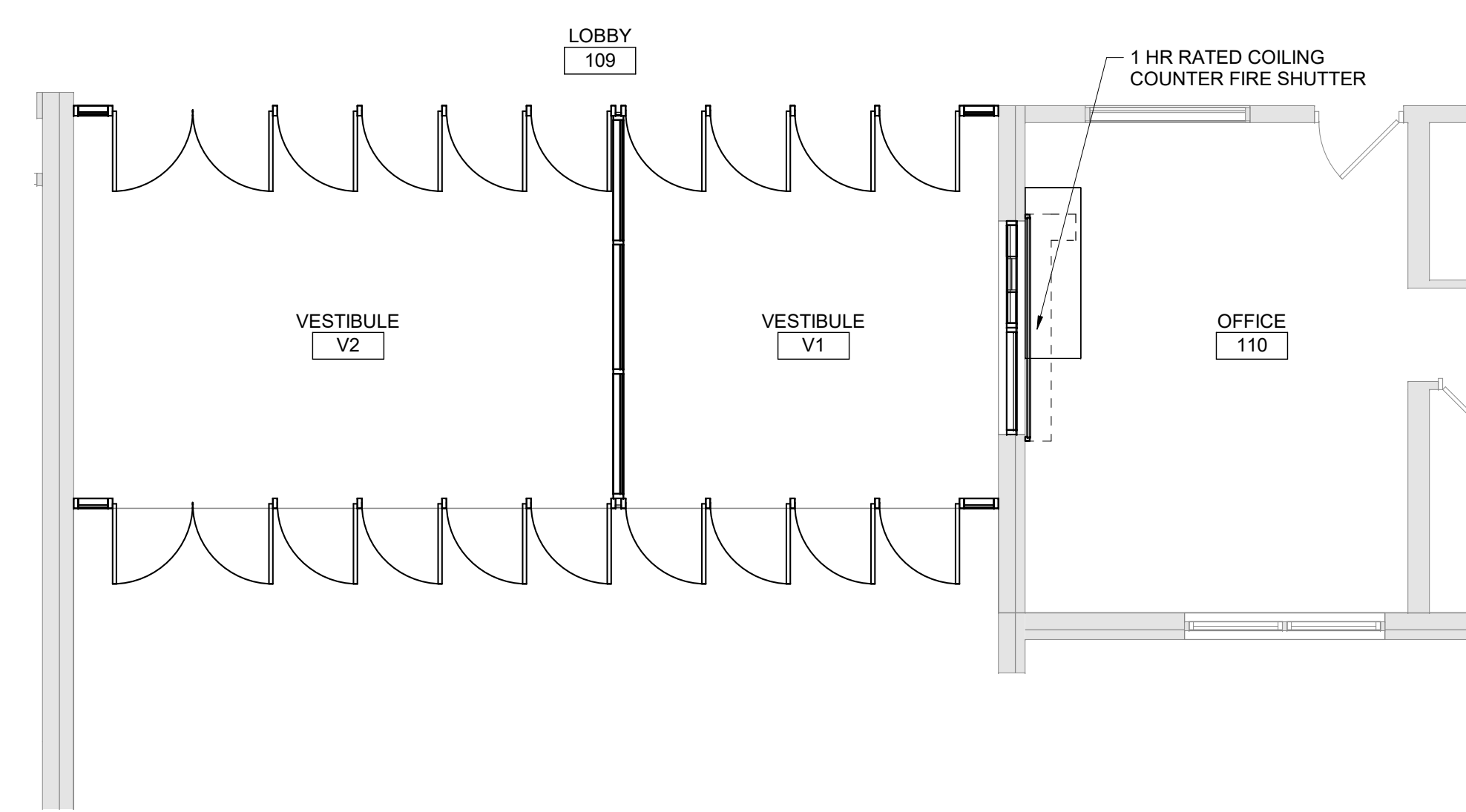
Reconstruction to:
Wallkill Senior High School

Code Compliance Review

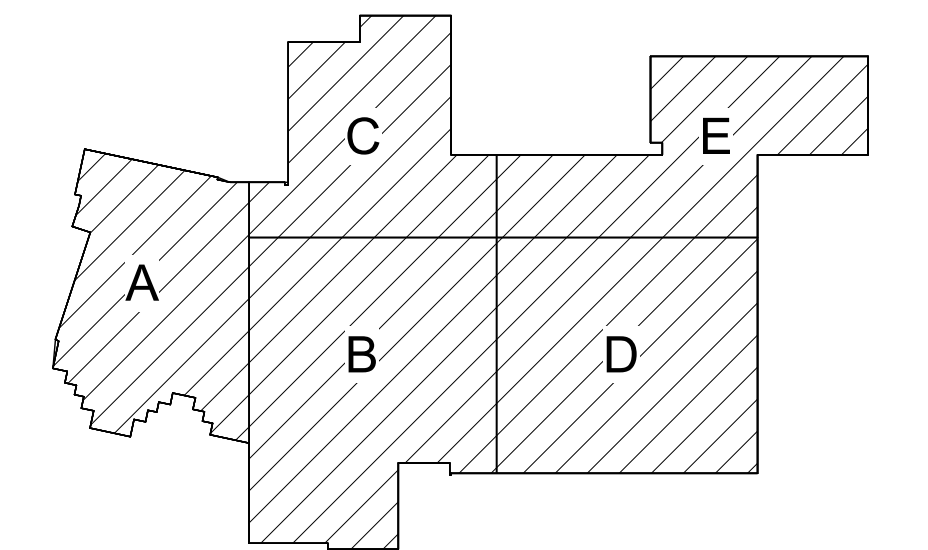
Drawn By: Author	Date: 11/4/2022	Drawing Number:
Project No.: 17597-22001	AG350	



1 First Floor Key Plan - Work Areas and Rescue Window Locations
3/16" = 1'-0"



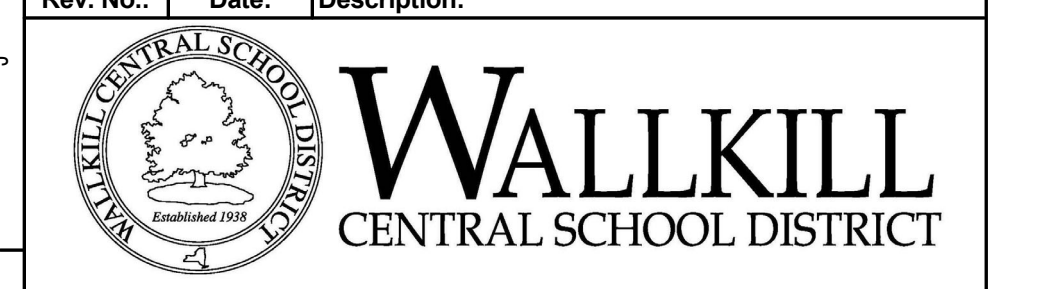
2 1st Floor Key Plan - Work Areas and Rescue Window Locations - Callout 1
3/16" = 1'-0"



Key Plan
N.T.S.

S.E.D. Control No. 62-18-01-06-0-007-018

Rev. No.	Date	SED Add. No.	Description
1	1/16/23	2	



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

BID SET



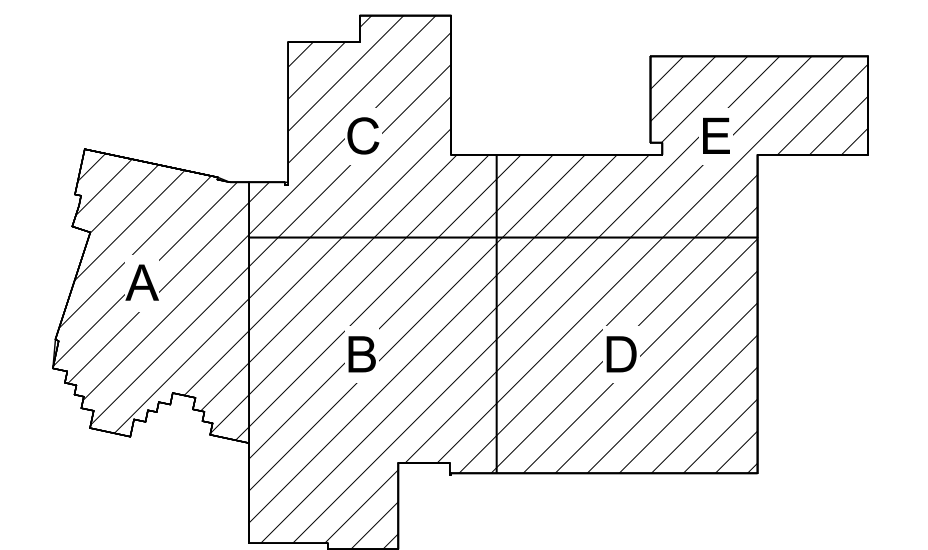
Wallkill Central School District
Wallkill, New York

Reconstruction to:
Wallkill Senior High School

First Floor - Scope of Work and Rescue
Window Locations

Drawn By: TS	Date: 11/4/2022	Drawing Number: AG351
Project No.: 17597-22001		

2 Second Floor - Key Plan
3/64" = 1'-0"



Key Plan
N.T.S.

S.E.D. Control No. 62-18-01-06-0-007-018

Rev. No.:	Date:	Description:
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complex world
CLEAR SOLUTIONS

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

BID SET

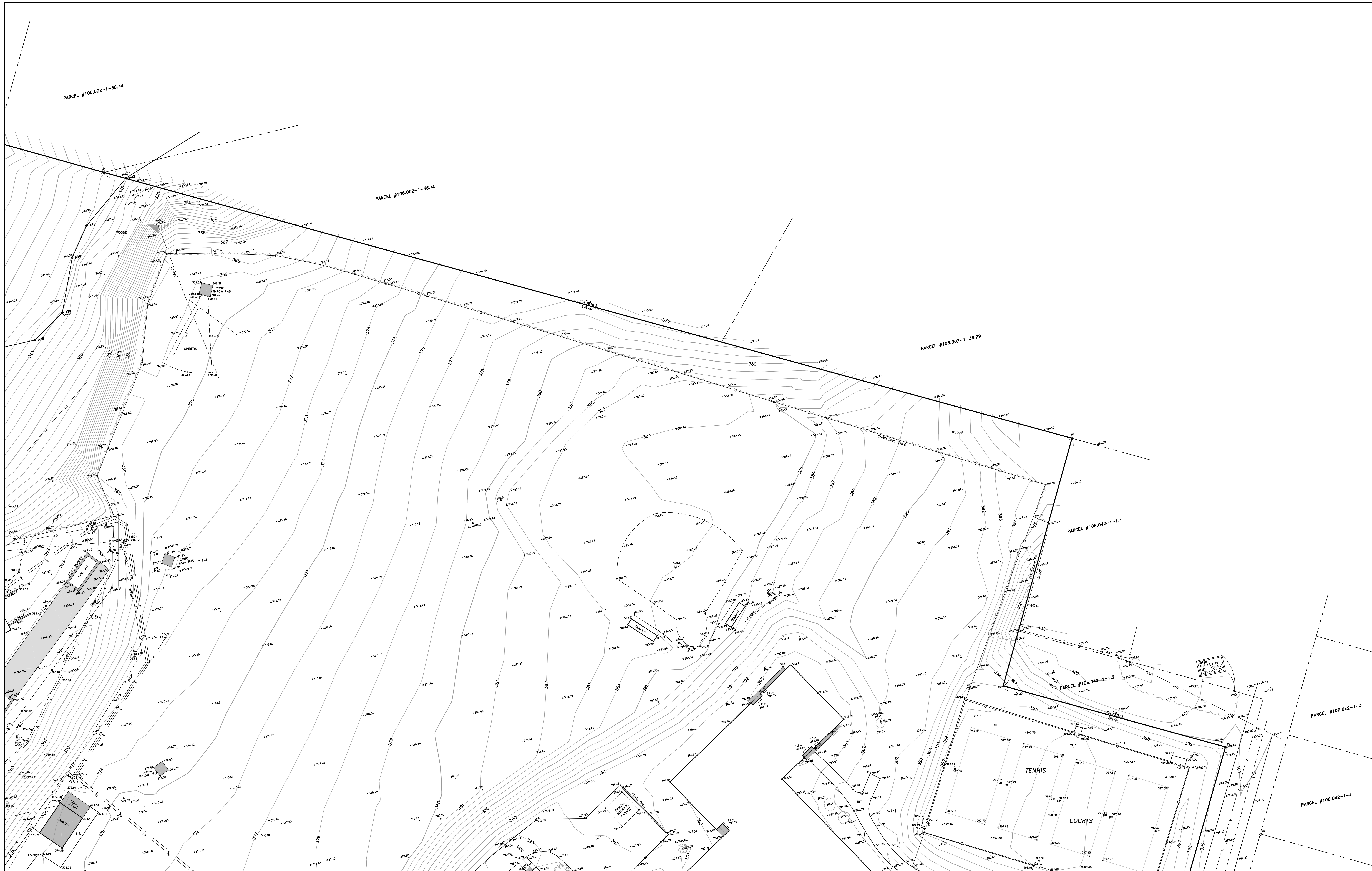


Wallkill Central School District
Wallkill, New York

Reconstruction to:
Wallkill Senior High School

Second Floor - Scope of Work and
Rescue Window Locations

Drawn By: TS	Date: 11/4/2022	Drawing Number:
Project No.:	17597-22001	AG352



LEGEND

LA. LANDSCAPED AREA	SP-20 SOIL BORING
PI POST	SM MAIL BOX
SI SIGN	TM TELEPHONE MANHOLE
IFP IRON PIPE FOUND	TP TELEPHONE PEDESTAL
BM GRANITE MONUMENT FOUND	TH TRANSFORMER
CRF CAPPED IRON ROD FOUND	TPF TRAFFIC SIGNAL POLE
IRF IRON ROD FOUND	TSF TRAFFIC SIGNAL BOX
CRS CAPPED IRON ROD SET	TMH TELEPHONE MANHOLE
CB CATCH BASIN	ULP UTILITY POLE
DMH DRAIN MANHOLE	LP LIGHT POLE
SMH SANITARY MANHOLE	HYD HYDRANT
CO CLEANOUT	WV WATER VALVE
GV GAS VALVE	WMH WATER MANHOLE
	OW OVERHEAD WIRES
	DF OVERHEAD FIBER OPTIC
	T UNDERGROUND COMMS
	G UNDERGROUND GAS
	W UNDERGROUND WATER
	E UNDERGROUND ELECTRIC
	ORF OVERHEAD ROOF

MAP NOTES:

1) NORTH ORIENTATION IS PER N.Y.S. PLANE COORDINATES (NAD83).

2) VERTICAL DATUM IS PER N.A.V.D. 1988.

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. BOUNDARY LINES ARE COMPILED FROM FILED MAPS.

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) WETLAND DELINEATION BY ENVIRONMENTAL DESIGN & RESEARCH, D.P.C., AND PROVIDED IN ELECTRONIC FORMAT ON 6/12/2014.

6) FLOOD DATA OBTAINED FROM FIRM COMMUNITY PANEL 3611C0860E; WITH AN EFFECTIVE DATE OF 9/25/2009. ENTIRE PROPERTY LIES IN ZONE X (AREA OF MINIMAL FLOODING).

UTILITY INFORMATION:

SERVICE	OPERATING AUTHORITY
ELECTRIC	CENTRAL HUDSON GAS & ELECTRIC/SOUTH
WATER	TOWN OF SHAWANGUNK - WALKILL WATER
TELEPHONE	VERIZON/HUDSON VALLEY
SANITARY	TOWN OF SHAWANGUNK
GAS	CENTRAL HUDSON GAS & ELECTRIC/SOUTH
CABLE	TIME WARNER CABLE HUDSON VALLEY

MAP REFERENCES:

1) ASBLT SURVEY-WALKILL HIGH SCHOOL, WALKILL C.S.D.; SHEET 1 OF 3; MADE BY LEO J. CARROLL PE & LS AND DATED 5/18/2017.

2) RECONSTRUCTION TO WALKILL SENIOR HIGH SCHOOL; SITE & UTILITY PLANS; WALKILL C.S.D.; BY TETRA TECH ARCHITECTS & ENGINEERS AND DATED 6/2/2015.

TOPOGRAPHIC SURVEY
WALKILL HIGH SCHOOL
WALKILL CENTRAL SCHOOL DISTRICT
TOWN OF SHAWANGUNK, ULSTER COUNTY, STATE OF NEW YORK
PREPARED FOR TETRA TECH ARCHITECTS & ENGINEERS

T.P.N. - 106.002-1-25 & 106.002-3-25.33
Project No. - 07.06
Scale - 1"=30 feet
Sheet 1 of 3
Survey Date - June 2014
Map Date - 6/24/14
Print Date -
Checked By - RTB
Revisions -
6/20/22 - update survey

Survey Prepared by
BOLTON
LAND SURVEYING, P.C.
P.O. Box 285 - Potosi, NY 13142
TEL (315) 298-5210

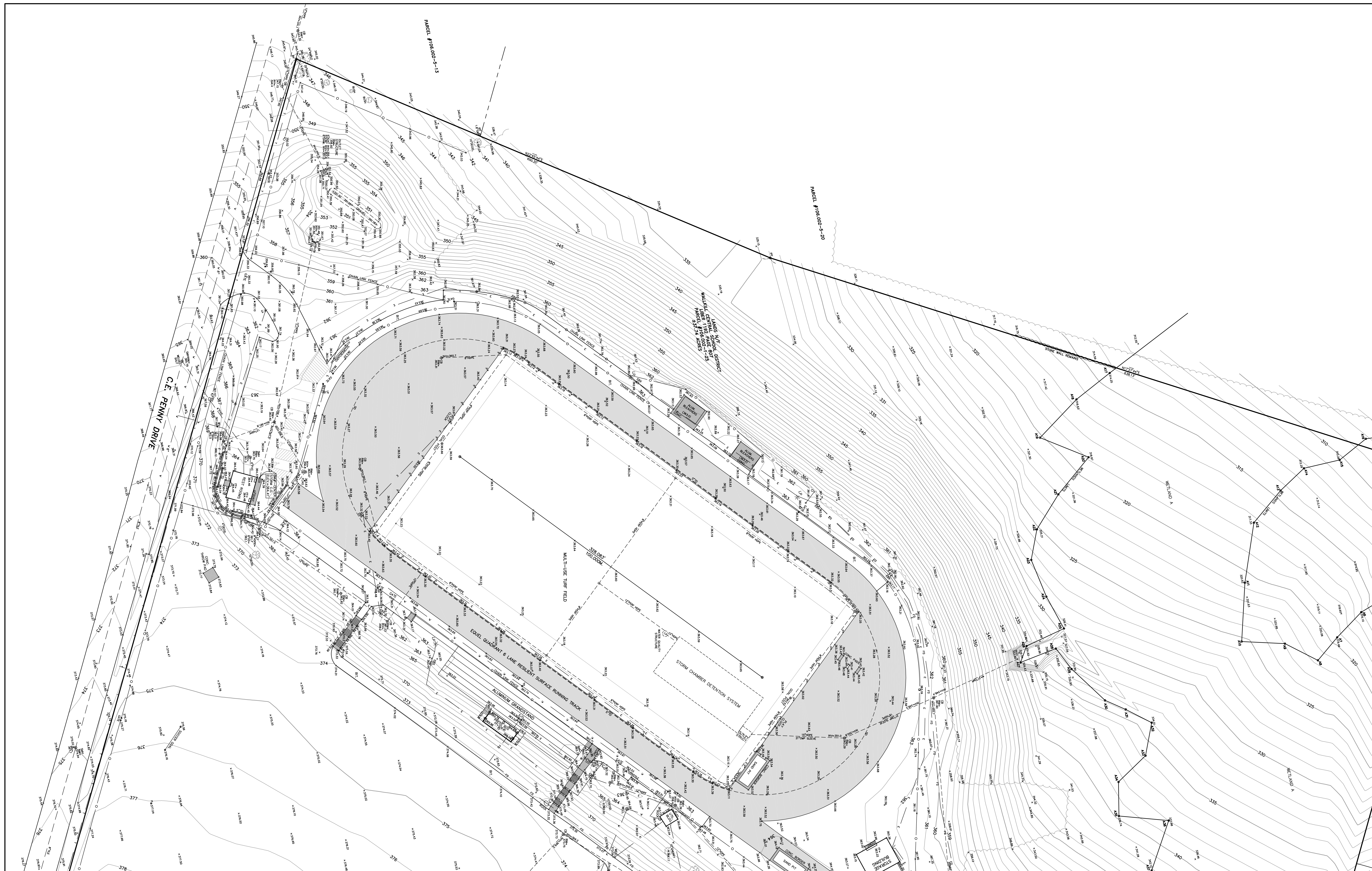
Unauthorized alteration or addition to a survey map bearing a licensed land surveyor's seal is a violation of Article 13 of the Eminent Domain Law, § 13-100 of the Real Property Law, and § 13-101 of the Real Property Law. The surveyor's seal shall be considered to be void if the surveyor's name is altered or if the surveyor's name is not the name of the surveyor who prepared the survey. The surveyor's name shall be the name of the surveyor who prepared the survey. The surveyor's name shall be the name of the surveyor who prepared the survey. The surveyor's name shall be the name of the surveyor who prepared the survey.

ROBERT T. BOLTON
LAND SURVEYOR
049880
L.S.#49880

SHEET INDEX

AV001

[illegible]



LEGEND			
LA.	LANDSCAPED AREA	6"Ø	SOIL BORING
P+P	POST	Ø	MAIL BOX
—	—	Ø	TELEPHONE CABLE
Ø	IRON PIPE FOUND	□	TELEPHONE PEDESTAL
grace	GRANITE MONUMENT FOUND	□	TRANSFORMER
Ø	CAPPED IRON ROD FOUND	□	TRAFFIC SIGNAL POLE
Ø	IRON ROD FOUND	□	TRAFFIC SIGNAL BOX
Ø	CAPPED IRON ROD SET	Ø	ELECTRIC MANHOLE
Ø	CATCH BASIN	□	UTILITY POLE
Ø	DRAIN MANHOLE	Ø	LIGHT POLE
Ø	SANITARY MANHOLE	Ø	HYDRANT
Ø	LEAKOUT	W	WATER VALVE
Ø	Ø	WM	WATER MANHOLE
Ø	Ø		OVERHEAD WIRES
	FD	FD	UNDERGROUND FIBER
	T	T	UNDERGROUND CABLE
	G	G	UNDERGROUND GAS
	V	V	UNDERGROUND WATER
	E	E	UNDERGROUND ELECTRICAL

MAP NOTES:

1) NORTH ORIENTATION IS PER N.T.S. PLANE COORDINATES (NAD83).

2) VERTICAL DATUM IS PER N.A.S.D. 1988.

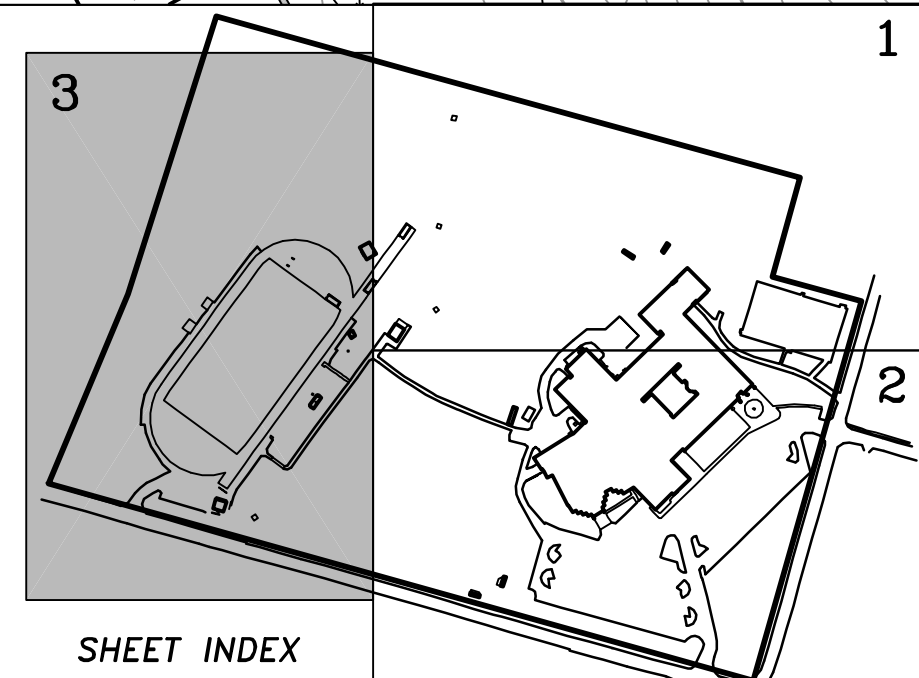
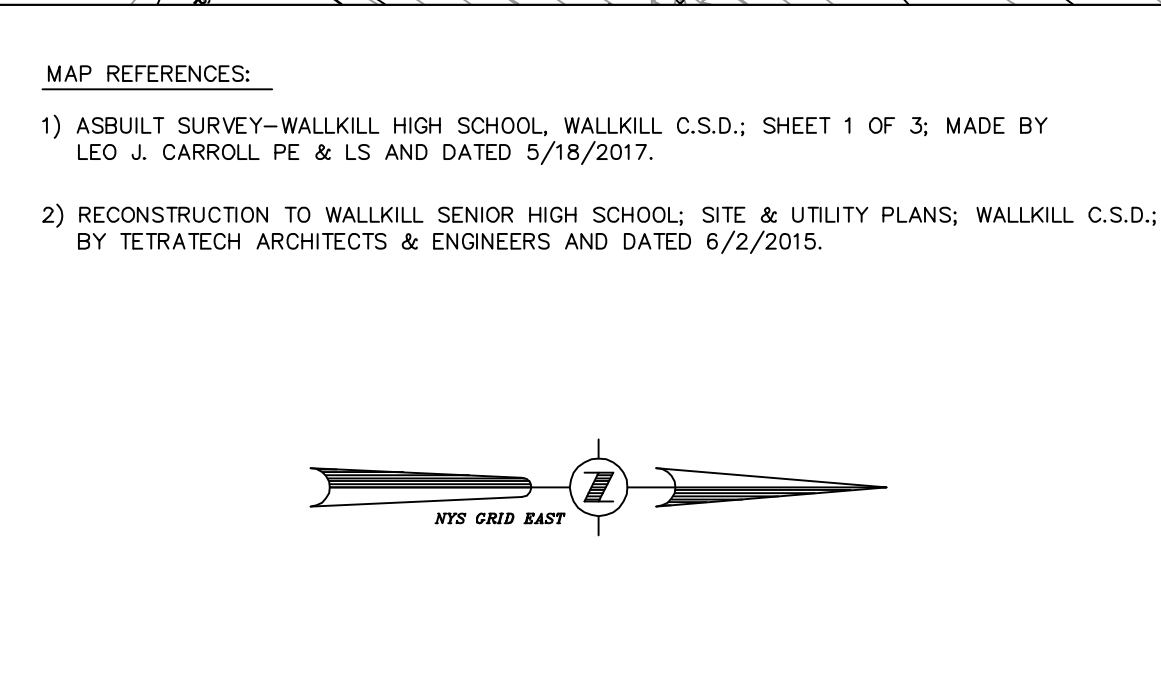
3) THIS REPORT WAS PREPARED WITHOUT THE BENEFIT OF AN ABSTRACT OR TITLE TO DATE. THIS REPORT IS THEREFORE SUBJECT TO ANY EASEMENTS, RESTRICTIONS, COVENANTS OR ANY STATEMENT OF FACTS THAT SUCH DOCUMENTS MAY DISCLOSE. BOUNDARY LINES ARE COMPILED FROM FILE MAPS.

4) UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM DATA OBTAINED BY FIELD SURVEY, PREVIOUS MAPS AND RECORDS, AND BY 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 UNDERWRITER. SIZE AND LOCATION OF UNDERGROUND UTILITIES AND STRUCTURES MUST BE VERIFIED BY THE APPROPRIATE AUTHORITIES PRIOR TO ANY CONSTRUCTION.

5) WETLAND DELINEATION BY ENVIRONMENTAL DESIGN & RESEARCH, D.P.C., AND PROVIDED IN ELECTRONIC FORMAT ON 6/12/2014.

6) FLOOD DATA OBTAINED FROM FIRM FLOODING PANEL, M111036602, WITH AN EFFECTIVE DATE OF 18 JULY 2009. ENTIRE PROPERTY LIES IN ZONE X (AREA OF MINIMAL FLOODING).

<u>UTILITY INFORMATION:</u>	
<u>SERVICE</u>	<u>OPERATING AUTHORITY</u>
ELECTRIC	CENTRAL HUDSON GAS & ELECTRIC/SOUTH
WATER	TOWN OF SHAWANGUNK – WALLKILL WATER
TELEPHONE	VERIZON/HUDSON VALLEY
SANITARY	TOWN OF SHAWANGUNK
GAS	CENTRAL HUDSON GAS & ELECTRIC/SOUTH
CABLE	TIME WARNER CABLE HUDSON VALLEY



<p>T.P.N. — 106.002-1-25 & 106.002-3-25.33 Project No. — 07.06 Scale — 1"=30 feet Sheet 3 of 3 Survey Date — June 2014 Map Date — 6/24/14 Printed Date — Checked By — RTB Revisions — 6/20/22 — update survey</p>	<p>TOPOGRAPHIC SURVEY WALKHILL HIGH SCHOOL WALKHILL CENTRAL SCHOOL DISTRICT TOWN OF SHAWHUNK, ULSTER COUNTY, STATE OF NEW YORK PREPARED FOR TETRA TECH ARCHITECTS & ENGINEERS</p>
---	--



LEGEND

LA LANDSCAPED AREA	SOIL BORING
P POST	MAIL BOX
S SIGN	TELEPHONE MANHOLE
IP IRON PIPE FOUND	TELEPHONE PEDESTAL
GM GRANITE MONUMENT FOUND	TRANSFORMER
CR CAPPED IRON ROD FOUND	TRAFFIC SIGNAL POLE
IR IRON ROD FOUND	ELECTRIC MANHOLE
CR CAPPED IRON ROD SET	UTILITY POLE
CB CATCH BASIN	LIGHT POLE
GM GRAM MANHOLE	HYDRANT
SM SANITARY MANHOLE	WATER VALVE
CO CLEANOUT	WATER MANHOLE
GV GAS VALVE	WATER WIRE
OV OVERHEAD	OVERHEAD FIBER OPTIC
FO FIBER OPTIC	UNDERGROUND TELEPHONE
T TELEPHONE	UNDERGROUND GAS
G GAS	UNDERGROUND WATER
E ELECTRIC	UNDERGROUND ELECTRIC
OV OVERHEAD	OVERHEAD ELECTRIC

MAP NOTES:

- NORTH ORIENTATION IS PER N.Y.S. PLANE COORDINATES (NAD83).
- VERTICAL DATUM IS PER N.A.V.D. 1988.
- 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. BOUNDARY LINES ARE COMPILED FROM FILED MAPS.
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- WETLAND DELINEATION BY ENVIRONMENTAL DESIGN & RESEARCH, D.P.C., AND PROVIDED IN ELECTRONIC FORMAT ON 6/12/2014.
- FLOOD DATA OBTAINED FROM FIRM COMMUNITY PANEL 3611C060E; WITH AN EFFECTIVE DATE OF 8/25/2009. ENTIRE PROPERTY LIES IN ZONE X (AREA OF MINIMAL FLOODING).

UTILITY INFORMATION:

SERVICE	OPERATING AUTHORITY
ELECTRIC	CENTRAL HUDSON GAS & ELECTRIC/SOUTH
WATER	TOWN OF SHAWANGUNK - WALLKILL WATER
TELEPHONE	VERIZON/HUDSON VALLEY
SANITARY	TOWN OF SHAWANGUNK
GAS	CENTRAL HUDSON GAS & ELECTRIC/SOUTH
CABLE	TIME WARNER CABLE HUDSON VALLEY

MAP REFERENCES:

- ASBUILT SURVEY-WALLKILL HIGH SCHOOL, WALLKILL C.S.D.; SHEETS 2&3 OF 3; MADE BY LEO J. CARROLL PE & LS AND DATED 5/18/2017.
- RECONSTRUCTION TO WALLKILL SENIOR HIGH SCHOOL, SITE & UTILITY PLANS; WALLKILL C.S.D.; BY TETRA TECH ARCHITECTS & ENGINEERS AND DATED 6/2/2015.

SHEET INDEX

TOPOGRAPHIC SURVEY
WALLKILL HIGH SCHOOL BALLFIELDS
WALLKILL CENTRAL SCHOOL DISTRICT
TOWN OF SHAWANGUNK, ULSTER COUNTY, STATE OF NEW YORK
PREPARED FOR TETRA TECH ARCHITECTS & ENGINEERS

T.P.N. - 106.002-1-25 & 106.002-3-25.33
Project No. - 07.06
Scale - 1"=30 feet
Sheet 1 of 2
Survey Date - June 2014
Map Date - 6/24/14
Print Date -
Checked By - RTB
Revisions -
6/14/22 - update survey

Survey Prepared By
BOLTON
LAND SURVEYING, P.C.
P.O. Box 265 - Pulaski, NY 13142
TEL (518) 298-5210

ROBERT T. BOLTON
LAND SURVEYING
STATE OF NEW YORK
048880
L.S.#49880

DWG NAME - WALLKILLBALLFIELDS



LEGEND

L.A.	LANDSCAPED AREA	SOIL BORING
P.O.	POST	MAIL BOX
SIGN	TELEPHONE MANHOLE	IRON PIPE FOUND
IRON PIPE FOUND	TELEPHONE PEDESTAL	TRANSFORMER
GRANITE MONUMENT FOUND	TRAFFIC SIGNAL POLE	IRON ROD FOUND
CAPPED IRON ROD FOUND	TRAFFIC SIGNAL BOX	CAPPED IRON ROD SET
IRON ROD FOUND	ELECTRIC MANHOLE	CATCH BASIN
DRAIN MANHOLE	LIGHT POLE	SANITARY MANHOLE
SANITARY MANHOLE	HYDRANT	CLEANOUT
CLEANOUT	WATER VALVE	MANHOLE
GAS VALVE	OVERHEAD WIRES	UNDERGROUND FIBER OPTIC
UNDERGROUND FIBER OPTIC	UNDERGROUND TELEPHONE	UNDERGROUND GAS
UNDERGROUND GAS	UNDERGROUND WATER	UNDERGROUND ELECTRIC
UNDERGROUND ELECTRIC	UNDERGROUND ROOF	

MAP NOTES:

- NORTH ORIENTATION IS PER N.Y.S. PLANE COORDINATES (NAD83).
- VERTICAL DATUM IS PER N.A.V.D. 1988.
- 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 IN SUCH DOCUMENTS MAY DISCLOSE. BOUNDARY LINES ARE COMPILED FROM FILED MAPS.
- 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.
- WETLAND DELINEATION BY ENVIRONMENTAL DESIGN & RESEARCH, D.P.C., AND PROVIDED IN ELECTRONIC FORMAT ON 6/12/2014.
- FLOOD DATA OBTAINED FROM FIRM COMMUNITY PLAN 36111C0862, WITH AN EFFECTIVE DATE OF 9/25/2009. ENTIRE PROPERTY LIES IN ZONE X (AREA OF MINIMAL FLOODING).

UTILITY INFORMATION:

SERVICE	OPERATING AUTHORITY
ELECTRIC	CENTRAL HUDSON GAS & ELECTRIC/SOUTH TOWN OF SHAWANGUNK – WALKKILL WATER
WATER	TOWN OF SHAWANGUNK – WALKKILL WATER
TELEPHONE	VERIZON/HUDSON VALLEY
SANITARY	TOWN OF SHAWANGUNK
GAS	CENTRAL HUDSON GAS & ELECTRIC/SOUTH TOWN OF SHAWANGUNK
CABLE	TIME WARNER CABLE HUDSON VALLEY

MAP REFERENCES:

- ASBUILT SURVEY-WALKKILL HIGH SCHOOL, WALKKILL C.S.D.; SHEETS 2&3 OF 3; MADE BY LEO J. CARROLL PE & LS AND DATED 5/18/2017.
- RECONSTRUCTION TO WALKKILL SENIOR HIGH SCHOOL; SITE & UTILITY PLANS; WALKKILL C.S.D.; BY TETRATech ARCHITECTS & ENGINEERS AND DATED 6/2/2015.

SHEET INDEX

**TOPOGRAPHIC SURVEY
WALLKILL HIGH SCHOOL BALLFIELDS
WALKKILL CENTRAL SCHOOL DISTRICT
TOWN OF SHAWANGUNK, ULSTER COUNTY, STATE OF NEW YORK
PREPARED FOR TETRA TECH ARCHITECTS & ENGINEERS**

F.P.N. - 106.002-1-25
Land Surveying, P.C.
Project No. - 106.002-3-25.33
Scale = 1"=30 feet
Sheet 2 of 2
Survey Date - June 2014
Map Date - 6/24/14
Print Date
Checked By - RTB
Revisions -
6/14/22 -update survey

Survey Prepared By:
BOLTON
LAND SURVEYING, P.C.
P.O. Box 285 - Pultney, NY 13142
TEL (315)298-5210

I, a holder of a valid "Professional Engineer License" issued by the State of New York, do hereby certify that I am duly qualified to perform the duties of a Professional Engineer, and that I have personally supervised the execution of the work shown on this plan, and that I am duly licensed to practice as a Professional Engineer in the State of New York.

The work shown on this plan was prepared by me or under my direct supervision, and I am duly licensed to practice as a Professional Engineer in the State of New York.

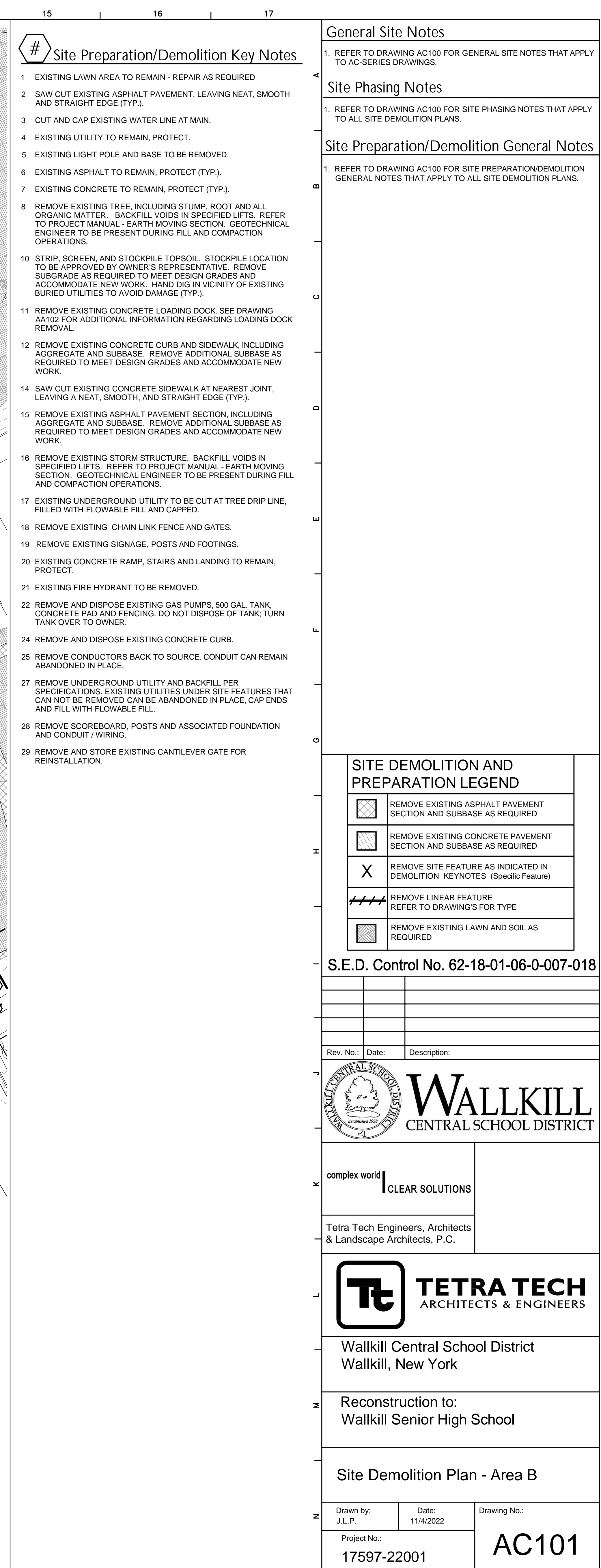
I, a holder of a valid "Professional Engineer License" issued by the State of New York, do hereby certify that I am duly qualified to perform the duties of a Professional Engineer, and that I have personally supervised the execution of the work shown on this plan, and that I am duly licensed to practice as a Professional Engineer in the State of New York.

The work shown on this plan was prepared by me or under my direct supervision, and I am duly licensed to practice as a Professional Engineer in the State of New York.

ROBERT T. BOLTON
LAND SURVEYING, P.C.
P.O. Box 285 - Pultney, NY 13142
TEL (315)298-5210
DATE 6/14/22
L.S.#49880



AC100





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'X10' 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.

General Site Notes

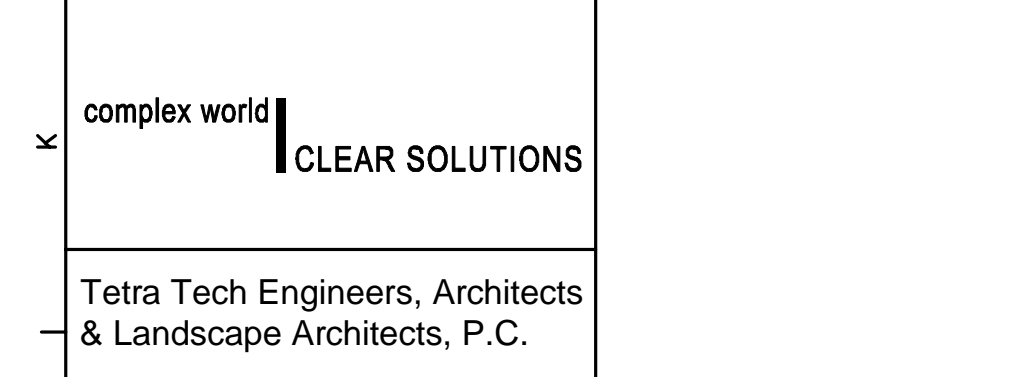
1. REFER TO DRAWING AC100 FOR GENERAL SITE NOTES THAT APPLY TO AC-SERIES DRAWINGS.
2. SOIL EROSION & Sediment Control Key Notes
3. DROP-IN INLET PROTECTION, (TYP.). SEE DETAIL 5 / AC501.
4. SILT FENCE, (TYP.). SEE DETAIL 2 / AC501.
5. TURF REINFORCEMENT ROLLED EROSION CONTROL BLANKET. SEE DETAIL 9 / AC507.

SOIL EROSION AND SEDIMENT CONTROL LEGEND

SYMBOL	DESCRIPTION
SF	SILT FENCE
[Symbol]	DROP-IN INLET PROTECTION
[Symbol]	TURF REINFORCEMENT ROLLED EROSION CONTROL BLANKET

S.E.D. Control No. 62-18-01-06-0-007-018

Rev. No.	Date	Description

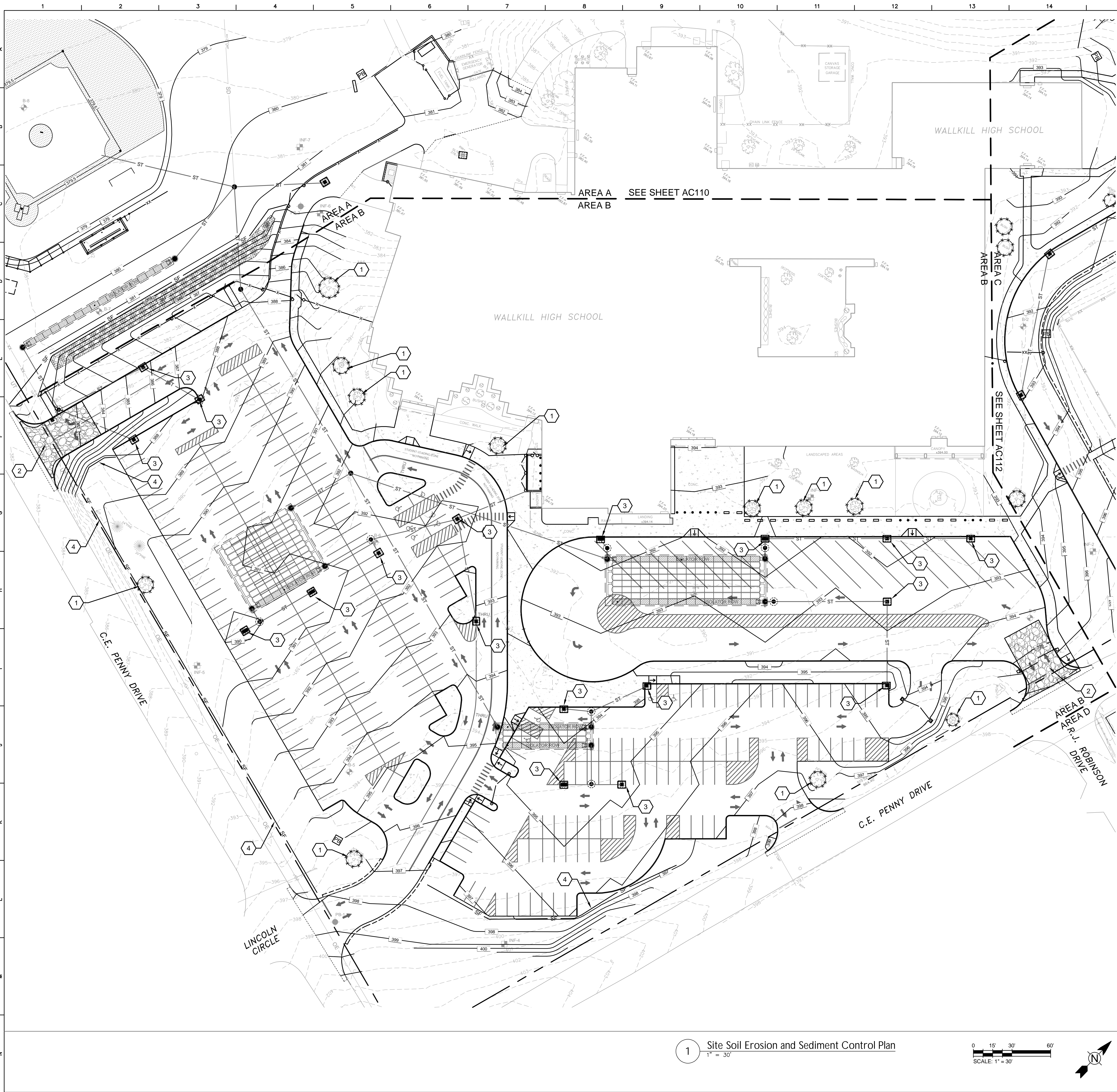


Walkill Central School District
Walkill, New York

Reconstruction to:
Walkill Senior High School

Site Soil Erosion and Sediment
Control Plan - Area A

Drawn by: J.L.P.	Date: 11/4/2022	Drawing No.:
Project No.:	17597-22001	AC110



General Site Notes

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

Site Erosion and Sediment Control Notes

1. REFER TO DRAWING AC110 FOR SITE EROSION AND SEDIMENT CONTROL NOTES THAT APPLY TO ALL SITE SOIL EROSION AND SEDIMENT CONTROL PLANS.

Site Erosion & Sediment Control Sequence

1. REFER TO DRAWING AC110 FOR SITE EROSION AND SEDIMENT CONTROL SEQUENCE NOTES THAT APPLY TO ALL SITE SOIL EROSION AND SEDIMENT CONTROL PLANS.

Soil Erosion & Sediment Control Key Notes

1. VEGETATION PROTECTION, (TYP.). SEE DETAIL 21 / AC501.

2. STABILIZED CONSTRUCTION ENTRANCE, SEE DETAIL 9 / AC501.

3. DROP-IN INLET PROTECTION, (TYP.). SEE DETAIL 5 / AC501.

4. SILT FENCE, (TYP.). SEE DETAIL 2 / AC501.

SOIL EROSION AND SEDIMENT CONTROL LEGEND

SYMBOL	DESCRIPTION
	TEMPORARY CONSTRUCTION ENTRANCE
	TREE PROTECTION
	SILT FENCE
	DROP-IN INLET PROTECTION
	TURF REINFORCEMENT ROLLED EROSION CONTROL BLANKET

S.E.D. Control No. 62-18-01-06-0-007-018

Rev. No.	Date	Description

WALLKILL CENTRAL SCHOOL DISTRICT

TETRA TECH ARCHITECTS & ENGINEERS

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

WALLKILL CENTRAL SCHOOL DISTRICT

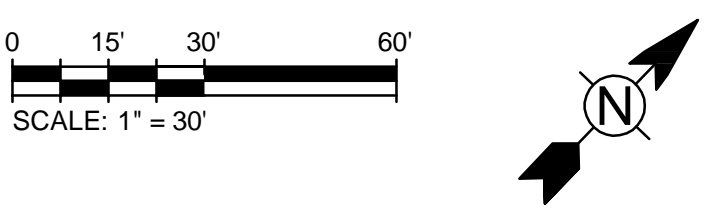
Reconstruction to:
Wallkill Senior High School

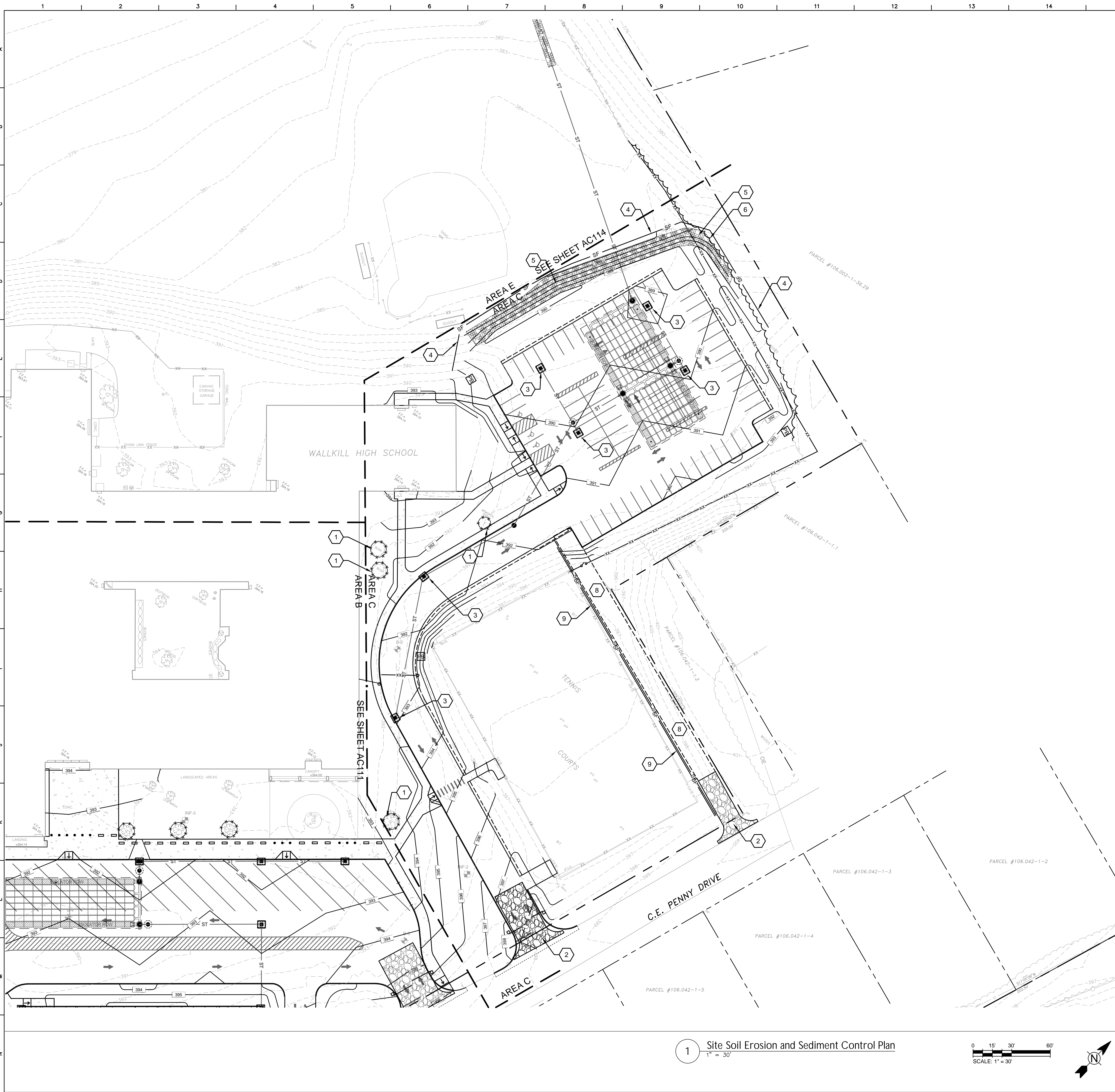
Site Soil Erosion and Sediment Control Plan - Area B

Drawn by: J.L.P. Date: 11/4/2022 Drawing No.: AC111

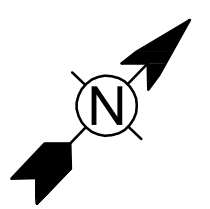
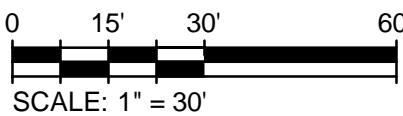
Project No.: 17597-22001

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





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



General Site Notes

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

Site Erosion and Sediment Control Notes

1. REFER TO DRAWING AC110 FOR SITE EROSION AND SEDIMENT CONTROL NOTES THAT APPLY TO ALL SITE SOIL EROSION AND SEDIMENT CONTROL PLANS.

Site Erosion & Sediment Control Sequence

1. REFER TO DRAWING AC110 FOR SITE EROSION AND SEDIMENT CONTROL SEQUENCE NOTES THAT APPLY TO ALL SITE SOIL EROSION AND SEDIMENT CONTROL PLANS.

Soil Erosion & Sediment Control Key Notes

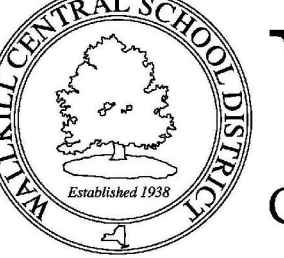
1. VEGETATION PROTECTION, (TYP.). SEE DETAIL 21 / AC501.
2. STABILIZED CONSTRUCTION ENTRANCE, SEE DETAIL 9 / AC501.
3. DROP-IN INLET PROTECTION, (TYP.). SEE DETAIL 5 / AC501.
4. SILT FENCE, (TYP.). SEE DETAIL 2 / AC501.
5. TURF REINFORCEMENT ROLLED EROSION CONTROL BLANKET. SEE DETAIL 9 / AC507.
6. LIMIT OF CLEARING.
8. TEMPORARY CRUSHED STONE ACCESS ROAD TO BE INSTALLED AT GRADES SUITABLE TO PREVENT DEBRIS AND RUNOFF FROM ENCROACHING ONTO THE TENNIS COURTS. CONTRACTOR RESPONSIBLE FOR ENSURING THAT TENNIS COURTS ARE NOT IMPACTED BY CONSTRUCTION ACTIVITIES. ENTIRE AREA TO REVERT TO LOAM AND SEED/GRASS IN THE POST-CONSTRUCTION CONDITION.
9. DOUBLE ROW OF SILT FENCE, (TYP.). SEE DETAIL 2 / AC501.

SOIL EROSION AND SEDIMENT CONTROL LEGEND

SYMBOL	DESCRIPTION
	TEMPORARY CONSTRUCTION ENTRANCE
	TREE PROTECTION
	SILT FENCE
	DROP-IN INLET PROTECTION
	TURF REINFORCEMENT ROLLED EROSION CONTROL BLANKET

S.E.D. Control No. 62-18-01-06-0-007-018

Rev. No.: Date: Description:



WALLKILL
CENTRAL SCHOOL DISTRICT

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Wallkill Central School District
Wallkill, New York

Reconstruction to:
Wallkill Senior High School

Site Soil Erosion and Sediment Control Plan - Area C

Drawn by: J.L.P. Date: 11/4/2022 Drawing No.: AC112
Project No.: 17597-22001



General Site Notes

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

Site Erosion and Sediment Control Notes

1. REFER TO DRAWING AC110 FOR SITE EROSION AND SEDIMENT CONTROL NOTES THAT APPLY TO ALL SITE SOIL EROSION AND SEDIMENT CONTROL PLANS.

Site Erosion & Sediment Control Sequence

1. REFER TO DRAWING AC110 FOR SITE EROSION AND SEDIMENT CONTROL SEQUENCE NOTES THAT APPLY TO ALL SITE SOIL EROSION AND SEDIMENT CONTROL PLANS.

Soil Erosion & Sediment Control Key Notes

- 4 SILT FENCE, (TYP.), SEE DETAIL 2 / AC501.
- 5 TURF REINFORCEMENT ROLLED EROSION CONTROL BLANKET. SEE DETAIL 9 / AC507.
- 6 LIMIT OF CLEARING.
- 7 RIP RAP AT STORM SEWER END SECTION. SEE DETAIL 3 / AC500.

SOIL EROSION AND SEDIMENT CONTROL LEGEND

SYMBOL	DESCRIPTION
SF	SILT FENCE
	TURF REINFORCEMENT ROLLED EROSION CONTROL BLANKET

S.E.D. Control No. 62-18-01-06-0-007-018

Rev. No.: Date: Description:



CLEAR SOLUTIONS

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

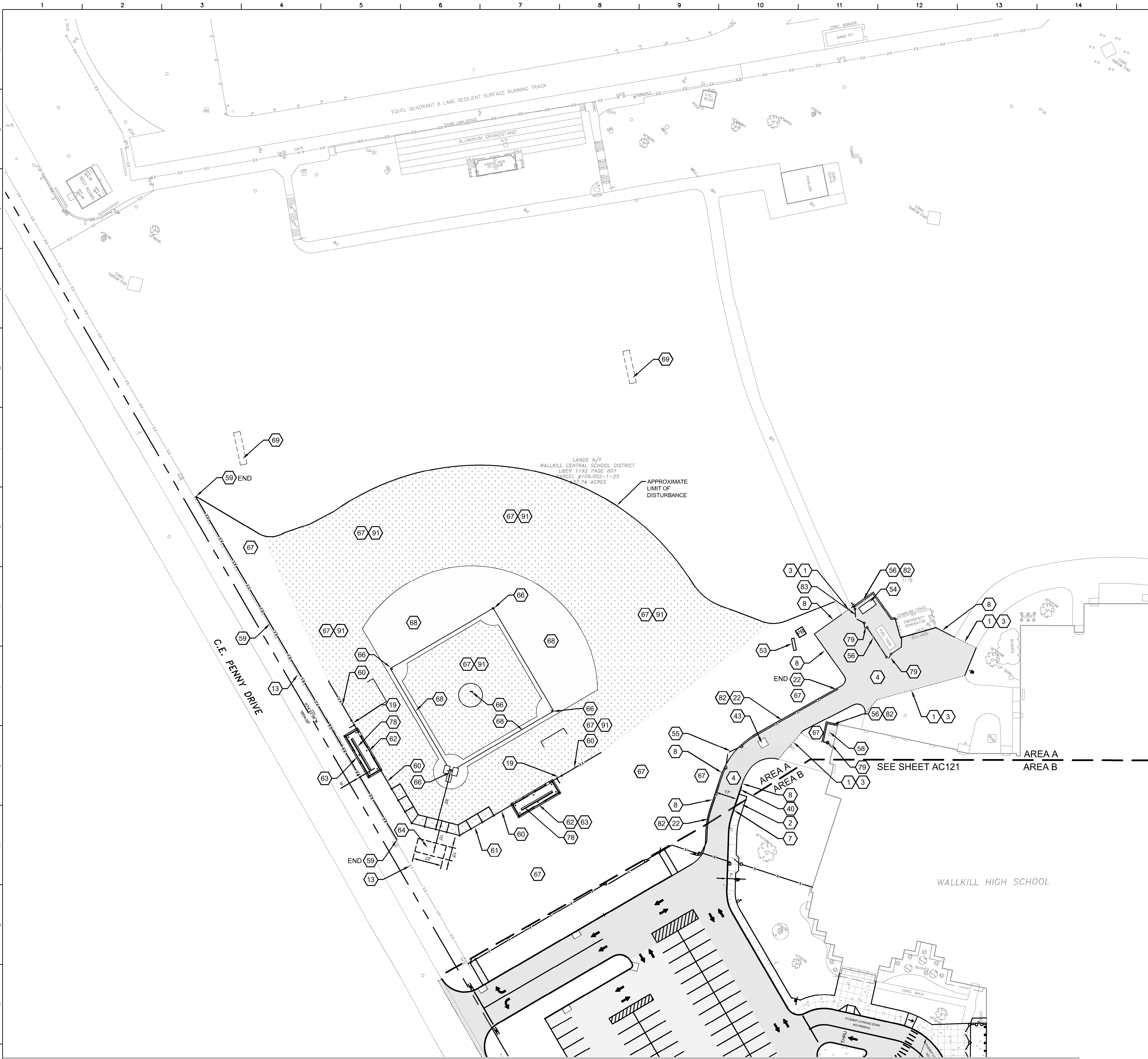


Wallkill Central School District
Wallkill, New York

Reconstruction to:
Wallkill Senior High School

Site Soil Erosion and Sediment Control Plan - Area E

Drawn by: J.L.P.	Date: 11/4/2022	Drawing No.:
Project No.:		AC114
17597-22001		



- ### # Site Layout Keynotes
- SMOOTH TRANSITION FROM PROPOSED SURFACE TO ADJACENT EXISTING SURFACE. (TYP.).
 - CONCRETE SIDEWALK. SEE DETAILS 13 AND 17 / AC501.
 - HEAVY DUTY ASPHALT PAVING. SEE DETAIL 14 / AC500.
 - INTEGRAL CONCRETE CURB AT SIDEWALK. SEE DETAIL 18 / AC501.
 - EDGE OF PAVEMENT WITHOUT CURB.
 - EXISTING CHAIN LINK FENCE TO REMAIN, PROTECT.
 - 8-FT TALL BLACK VINYL CLAD CHAIN LINK FENCE, 4-FT WIDE SINGLE GATE. SEE DETAIL 1 / AC507.
 - 6-FT TALL BLACK VINYL CLAD CHAIN LINK FENCE. SEE DETAIL 7 / AC501.
 - ASPHALT PAVING AT EXISTING ASPHALT (TYP.) SEE DETAIL 17 / AC500.
 - 6-FT LONG TRANSITION CURB. SEE DETAIL 24 / AC501.
 - CONCRETE APRON AROUND STORM INLET. (TYP.). SEE DETAIL 4 / AC500.
 - BASEBALL SCOREBOARD IN LOCATION SHOWN. REFER TO "E" SERIES DRAWINGS. VERIFY IN FIELD WITH OWNER. ELECTRICAL CONTRACTOR RESPONSIBLE FOR PROVIDING AND INSTALLING SCORE BOARD, SUPPORT STRUCTURE AND FOUNDATIONS.
 - 5-FT 6-IN x 12-FT 6-IN CONCRETE PAD FOR 1,000 GALLON GASOLINE TANK. PAD TO BE LOCATED 15' FROM EDGE OF EXISTING UNDERGROUND FUEL OIL TANK PAD. SEE DETAIL 5 / AC507.
 - 6-FT TALL BLACK VINYL CLAD CHAIN LINK FENCE, 12-FT WIDE DOUBLE GATE. SEE DETAIL 8 / AC501.
 - 8-FT TALL BLACK VINYL COATED CHAIN LINK FENCE WITH PRIVACY SLATS. SEE DETAIL 7 / AC501.
 - 15-FT LONG x 9-FT WIDE WALK DUTY ASPHALT PAVEMENT. SEE DETAIL 15 / AC500. EXISTING AC CONDENSER TO REMAIN, PROTECT.
 - INSTALL 300 FT OF 20-FT HIGH BALL STOPPER NETTING. SEE DETAIL 14 / AC502.
 - 8-FT TALL BLACK VINYL COATED CHAIN LINK FENCE. SEE DETAIL 7 / AC501.
 - BLACK VINYL COATED CHAIN LINK BASEBALL BACKSTOP. SEE DETAIL 5 / AC502.
 - BASEBALL CHAIN LINK DUGOUT (QTY-2) WITH METAL ROOF AND CONCRETE PAD. SEE DETAILS 16 / AC502, 9 / AC502 AND PROJECT MANUAL SECTION 11 68 33 - ATHLETIC FIELD EQUIPMENT.
 - 8-FT WIND SCREEN ON SIDES AND REAR OF DUGOUTS. REFER TO SPECIFICATIONS.
 - CRUSHED STONE PAD. SEE DETAIL 13 / AC502.
 - BASEBALL INFIELD WITH HOME PLATE, BREAKAWAY BASES AND PITCHING RUBBER. SEE DETAILS 7, 8, 10, 11 / AC502, 10 / AC502 AND PROJECT MANUAL SECTION 11 68 33 - BASEBALL / SOFTBALL ATHLETIC FIELD EQUIPMENT.
 - SEEDED AREA - PROVIDE 6-INCHES OF AMENDED TOPSOIL, FINE GRADE, SEED, FERTILIZE AND MULCH. LEAVE NEAT SMOOTH EDGE (TYP.).
 - BASEBALL INFIELD MIX. SEE DETAIL 12 / AC502 AND THE SPECIFICATIONS.
 - ALUMINUM RELOCATABLE NATURAL TURF SOCCER GOAL (QTY-2) SEE PROJECT MANUAL SECTION 11 68 33 - ATHLETIC FIELD EQUIPMENT.
 - BASEBALL 27-FT LONG ALUMINUM TEAM BENCH (QTY-2) SEE PROJECT MANUAL SECTION 11 68 33 - ATHLETIC FIELD EQUIPMENT.
 - 8-FT TALL BLACK VINYL CLAD CHAIN LINK FENCE, 4-FT WIDE SINGLE GATE. SEE DETAIL 1 / AC507.
 - ASPHALT AT FENCE TO EXTEND 12-IN BEYOND THE FENCE. SEE DETAIL 2 / AC507.
 - 8-FT TALL BLACK VINYL CLAD CHAIN LINK FENCE, 12-FT WIDE DOUBLE GATE WITH PRIVACY SLATS. SEE DETAIL 8 / AC501.
 - ALTERNATE No. SC-1-1: IN LIEU OF SEED PROVIDE SOD IN AREA NOTED. PROVIDE 6-INCHES OF AMENDED TOP SOIL, FINE GRADE. INSTALL SOD. LEAVE NEAT SMOOTH EDGE, TYPICAL. REFER TO SPECIFICATIONS.

General Site Notes

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

Site Layout Notes

- 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.
- OBJECTS ARE PARALLEL OR PERPENDICULAR TO EACH OTHER UNLESS OTHERWISE NOTED.
- PAINTED TRAFFIC MARKINGS AND TRAFFIC SIGNS TO COMPLY WITH THE LATEST EDITION OF THE NYSDOT MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND LOCAL REQUIREMENTS.
- VERIFY DIMENSIONS IN FIELD WITH OWNER'S REPRESENTATIVE ANY DIMENSIONS NOTED AS "V.I.F."
- AT EDGE OF NEW PAVING MEETING LAWN: ADD TOPSOIL ALONG 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.
- SCORE CONCRETE SIDEWALKS AT 5-FIT SQUARE UNLESS OTHERWISE NOTED.
- ALL DISTURBED AREAS TO RECEIVE 6-IN TOPSOIL AND SEED UNLESS OTHERWISE NOTED.

Site Layout Legend

	CONCRETE PAVING
	ASPHALT PAVING - HEAVY DUTY
	SOD LAWN

S.E.D. Control No. 62-18-01-06-0-007-018

Rev. No.	Date	Description

WALLKILL
CENTRAL SCHOOL DISTRICT

TETRA TECH
ARCHITECTS & ENGINEERS

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

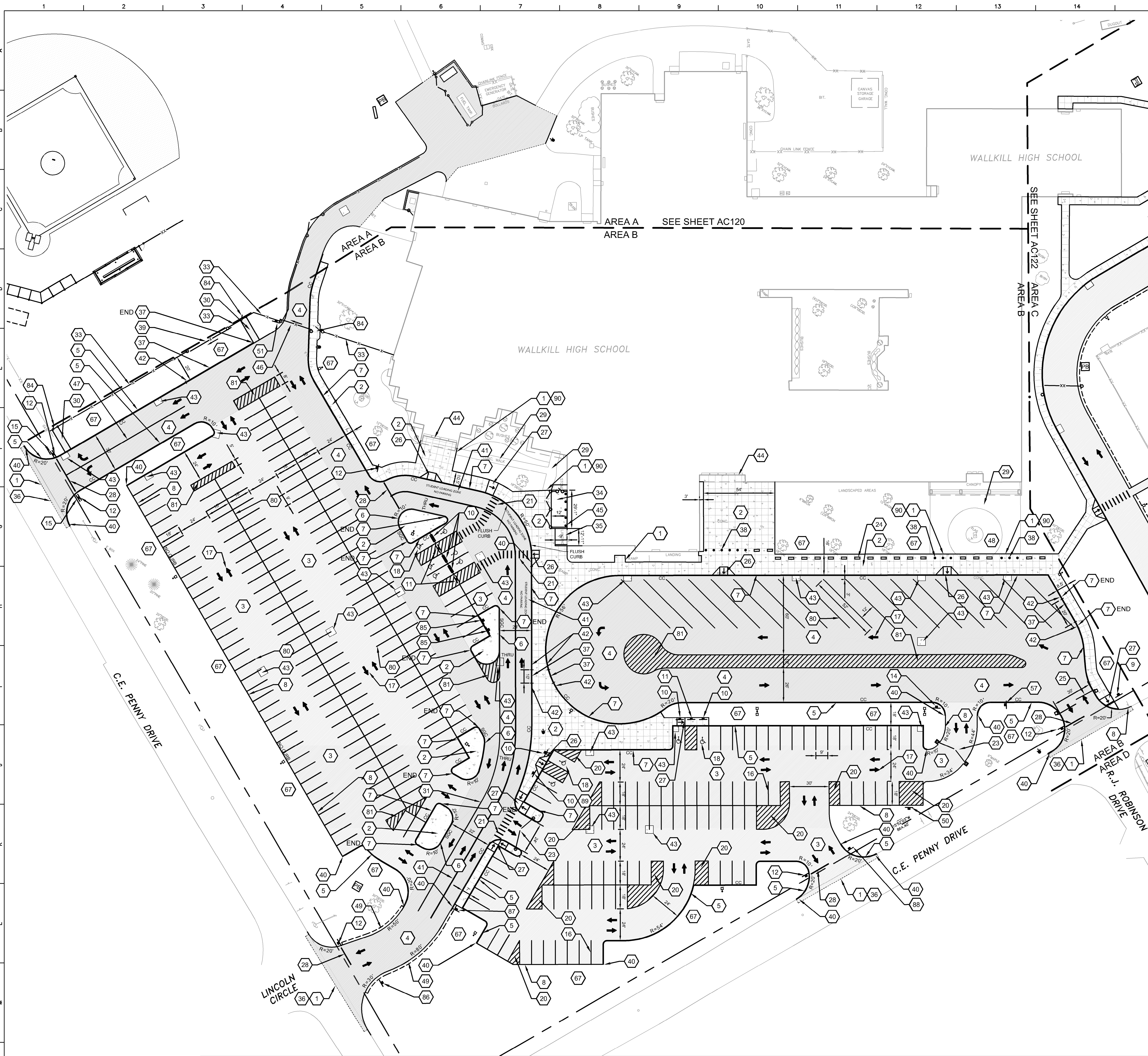
BID SET

Walkill Central School District
Walkill, New York

Reconstruction to:
Walkill Senior High School

Site Layout Plan - Area A

Drawn by: J.L.P.	Date: 11/4/2022	Drawing No.:
Project No.:		AC120
17597-22001		



- # Site Layout Keynotes
- 1

SMOOTH TRANSITION FROM PROPOSED SURFACE TO ADJACENT EXISTING SURFACE. (TYP.).
- 2

CONCRETE SIDEWALK. SEE DETAILS 13 AND 17 / AC501.
- 3

AUTO DUTY ASPHALT PAVING. SEE DETAIL 13 / AC500.
- 4

HEAVY DUTY ASPHALT PAVING. SEE DETAIL 14 / AC500.
- 5

CAST IN PLACE CONCRETE CURB AT LAWN. SEE DETAIL 19 / AC501.
- 6

SLOPED GRANITE CURB. SEE DETAIL 22 / AC501.
- 7

INTEGRAL CONCRETE CURB AT SIDEWALK. SEE DETAIL 18 / AC501.
- 8

EDGE OF PAVEMENT WITHOUT CURB.
- 9

18-IN X 24-IN "BUSES ONLY" SIGN AND POST IN LAWN. SEE DETAILS 9 / AC500 AND 3 / AC507.
- 10

"ACCESSIBLE PARKING" SIGN AND POST IN PAVEMENT (TYP.). SEE DETAILS 9 AND 10 / AC500.
- 11

"NO PARKING" SIGN AND POST IN PAVEMENT (TYP.). SEE DETAIL 10 / AC500.
- 12

"STOP" SIGN (TYPE "A") AND POST IN LAWN. SEE DETAIL 9 / AC500 AND 3 / AC507.
- 14

"ONE WAY" WITH ARROW SIGN AND POST IN LAWN. SEE DETAILS 9 / AC500 AND 3 / AC507.
- 15

"DO NOT ENTER" SIGN MOUNTED TO BACK OF THE PROPOSED STOP SIGN. SEE DETAIL 9 / AC500.
- 16

WHITE PARKING LOT PAINTED LINES (TYP.). SEE DETAIL 11 / AC500.
- 17

TRAFFIC ARROWS - PAINTED ARROW COLOR TO MATCH CORRESPONDING ADJACENT PARKING STALL LINE COLOR (TYP.). SEE DETAIL 19 / AC500.
- 18

ACCESSIBLE SYMBOLS WHERE INDICATED AND PARKING STALL STRIPING (TYP.). SEE DETAIL 11 / AC500.
- 20

WHITE CROSS HATCH PAVEMENT MARKING. (TYP.). SEE DETAIL 11 / AC500.
- 21

CROSSWALK - PAINTED. SEE DETAIL 12 / AC500.
- 22

6-FT TALL BLACK VINYL CLAD CHAIN LINK FENCE. SEE DETAIL 7 / AC501.
- 23

DOUBLE LEAF 28-FT WIDE STEEL SWING GATE. SEE DETAIL 6 / AC507.
- 24

VEHICULAR BARRIER (TYP.).
- 25

ARM GATES.
- 26

ACCESSIBLE RAMP WITH ACCESSIBLE WARNING SURFACE AND DROP CURB. SEE DETAILS 12 AND 15 / AC501.
- 27

INLINE ACCESSIBLE RAMP WITH ACCESSIBLE WARNING SURFACE AND DROP CURB. SEE DETAILS 12 AND 15 / AC501.
- 28

"STOP" BAR WITH TEXT - PAINTED. SEE DETAIL 18 / AC500.
- 29

EXISTING CONCRETE SIDEWALK TO REMAIN, PROTECT.
- 30

5-FT WIDE ASPHALT WALK DUTY SIDEWALK. SEE DETAIL 15 / AC500.
- 31

4-IN WIDE SOLID YELLOW LINE STRIPING.
- 32

4-IN WIDE WHITE SOLID LINE STRIPING.
- 33

4-FT TALL BLACK VINYL CLAD CHAIN LINK FENCE. SEE DETAIL 7 / AC501.
- 34

CONCRETE DUMPSTER PAD AND 8-FT TALL BLACK VINYL CLAD CHAIN LINK FENCE WITH WIND SCREEN ENCLOSURE, ONE 4' WIDE GATE AND TWO 12-FT WIDE DOUBLE SWING GATES.
- 35

CONCRETE LOADING DOCK. REFER TO STRUCTURAL DRAWINGS.
- 36

ASPHALT PAVING AT EXISTING ASPHALT (TYP.) SEE DETAIL 17 / AC 500.
- 37

MOUNTABLE CONCRETE CURB. SEE DETAIL 20 / AC501.
- 38

REMOVABLE BOLLARDS, 6-FT ON CENTER (TYP.). SEE DETAIL 6 / AC501.
- 39

REINSTALL STOCKPILED CANTILEVERED GATE WITH 35-FT WIDE OPENING. SEE DETAIL 10 / AC507.
- 40

6-FT LONG TRANSITION CURB. SEE DETAIL 24 / AC501.
- 41

PAINTED "STUDENT LOADING ZONE - NO PARKING" AND LINE STRIPING IN YELLOW. SEE DETAIL 20 / AC500.
- 42

TRANSITION FROM INTEGRAL CONCRETE CURB TO MOUNTABLE CONCRETE CURB (TYP.).
- 43

CONCRETE APRON AROUND STORM INLET. (TYP.). SEE DETAIL 4 / AC500.
- 44

CONCRETE SIDEWALK TO BE DOWELED IN BUILDING SLAB. REMOVE AND REINSTALL THRESHOLD TO ALLOW CONCRETE PLACEMENT AND FINISHING TO FOUNDATION. SEE DETAIL 10 / AC501.
- 45

BOLLARD 6-FT ON CENTER (TYP.). SEE DETAIL 1 / AC501.
- 46

4-FT TALL CANTILEVER GATE. SEE DETAIL 10 / AC507.
- 47

4-IN WIDE WHITE PAINTED LINE (TYP.) SEE DETAIL 11 / AC500.
- 49

3-IN OF TOPSOIL OVER 2-FT WIDE GRAVEL STRIP AT EDGE OF PAVEMENT. SEE DETAIL 14 / AC501.
- 50

"NO PARKING" SIGN IN LAWN. SEE DETAILS 9 / AC500 AND 3 / AC507.
- 51

18-IN X 24-IN "AUTHORIZED VEHICLES ONLY" SIGN MOUNTED TO FENCE. SEE DETAIL 9 / AC500.
- 57

"DO NOT ENTER" SIGN AND POST IN LAWN. SEE DETAIL 9 / AC500.
- 67

SEEDED AREA - 6-IN OF AMENDED TOPSOIL, FINE GRADE, SEED, FERTILIZE AND MULCH. LEAVE NEAT SMOOTH EDGE (TYP.)
- 80

YELLOW PARKING LOT PAINTED LINES (TYP.). SEE DETAIL 11 / AC500.
- 81

YELLOW CROSS HATCH PAVEMENT MARKING. (TYP.). SEE DETAIL 11 / AC500.
- 84

4-FT TALL BLACK VINYL CLAD CHAIN LINK FENCE, 4-FT WIDE SINGLE GATE. SEE DETAIL 1 / AC507.
- 85

12-IN X 18-IN "VISITOR PARKING" SIGN IN PAVEMENT. SEE DETAIL 9 / AC500.
- 86

WAY FINDING SIGN "STUDENT LOADING ZONE, VISITOR PARKING, STUDENT PARKING"
- 87

"STUDENT LOADING ZONE SIGN"
- 89

"NO PARKING" SIGN WITH ARROW POINTING TO THE LEFT AND POST IN PAVEMENT. SEE DETAIL 10 / AC500.
- 90

NEW CONCRETE WALK AT EXISTING WALK. SEE DETAIL 23 / AC501.

General Site Notes

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

Site Layout Notes

1. REFER TO DRAWING AC120 FOR GENERAL LAYOUT NOTES THAT APPLY TO ALL LAYOUT PLANS.

Site Layout Legend

CONCRETE PAVING

ASPHALT PAVING - AUTO DUTY

CC

SGC

S.E.D. Control No. 62-18-01-06-0-007-018

Rev. No.

Date

Description



WALLKILL
CENTRAL SCHOOL DISTRICT

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BID SET



TETRA TECH
ARCHITECTS & ENGINEERS

Wallkill Central School District

Wallkill, New York

Reconstruction to:

Wallkill Senior High School

Site Layout Plan - Area B

Drawn by:
J.L.P.

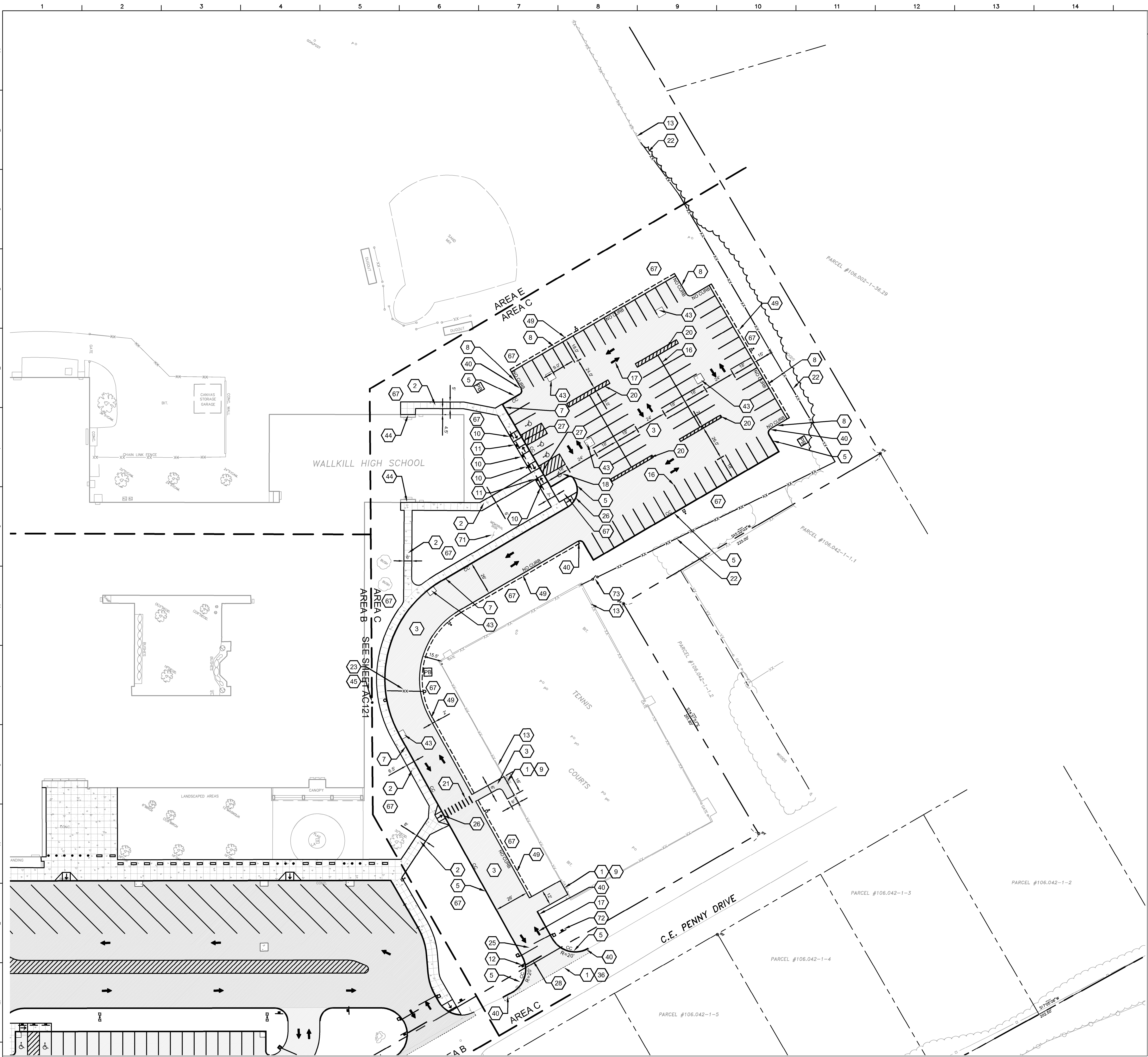
Date:
11/4/2022

Drawing No.:

Project No.:

17597-22001

AC121



- # Site Layout Keynotes**
- SMOOTH TRANSITION FROM PROPOSED SURFACE TO ADJACENT EXISTING SURFACE, (TYP.).
 - CONCRETE SIDEWALK. SEE DETAILS 13 AND 17 / AC501.
 - AUTO DUTY ASPHALT PAVING, SEE DETAIL 13 / AC500.
 - CAST IN PLACE CONCRETE CURB, SEE DETAIL 19 / AC501.
 - INTEGRAL CONCRETE CURB AT SIDEWALK. SEE DETAIL 18 / AC501.
 - EDGE OF PAVEMENT WITHOUT CURB.
 - "ACCESSIBLE PARKING" SIGN AND POST IN PAVEMENT (TYP.), SEE DETAILS 9 AND 10 / AC500.
 - "NO PARKING" SIGN AND POST IN PAVEMENT (TYP.). SEE DETAILS 9 AND 10 / AC500.
 - "STOP" SIGN (TYPE "A") AND POST IN LAWN. SEE DETAILS 9 / C500 AND 3 / AC507.
 - EXISTING CHAIN LINK FENCE TO REMAIN, PROTECT.
 - WHITE PARKING LOT PAINTED LINES (TYP.). SEE DETAIL 11 / AC500.
 - TRAFFIC ARROWS - PAINTED (TYP.). ARROW COLOR TO MATCH THE CORRESPONDING ADJACENT PARKING STALL LINE COLOR. SEE DETAIL 19 / AC500.
 - ACCESSIBLE SYMBOLS WHERE INDICATED AND PARKING STALL STRIPING (TYP.). SEE DETAIL 11 / AC500.
 - WHITE CROSS HATCH PAVEMENT MARKING, (TYP.). SEE DETAIL 11 / AC500.
 - CROSSWALK - PAINTED. SEE DETAIL 12 / AC500.
 - 6-FT TALL BLACK VINYL CLAD CHAIN LINK FENCE. SEE DETAIL 7 / AC501.
 - SINGLE LEAF 22-FT WIDE STEEL SWING GATE. SEE DETAIL 6 / AC502.
 - ARM GATES.
 - ACCESSIBLE RAMP WITH ACCESSIBLE WARNING SURFACE AND DROP CURB. SEE DETAILS 12 AND 15 / AC501.
 - INLINE ACCESSIBLE RAMP WITH ACCESSIBLE WARNING SURFACE AND DROP CURB. SEE DETAILS 12 AND 15 / AC501.
 - "STOP" BAR WITH TEXT - PAINTED. SEE DETAIL 18 / AC500.
 - 4-IN WIDE SOLID YELLOW LINE STRIPING.
 - 4-IN WIDE WHITE SOLID LINE STRIPING.
 - ASPHALT PAVING AT EXISTING ASPHALT (TYP.). SEE DETAIL 17 / AC500.
 - 6-FT LONG TRANSITION CURB. SEE DETAIL 24 / AC501.
 - CONCRETE APRON AROUND STORM INLET, (TYP.). SEE DETAIL 4 / AC500.
 - CONCRETE SIDEWALK TO BE DOWELED IN BUILDING SLAB. REMOVE AND REINSTALL THRESHOLD TO ALLOW CONCRETE PLACEMENT AND FINISHING TO FOUNDATION. SEE DETAIL 10 / AC501.
 - 6-IN DIA. STEEL BOLLARD WITH COVER. SEE DETAIL 1 / AC501.
 - 3-IN OF TOPSOIL OVER 2" WIDE GRAVEL STRIP AT EDGE OF PAVEMENT. SEE DETAIL 14 / AC501.
 - SEEDED AREA - PROVIDE 6 INCHES OF AMENDED TOPSOIL, FINE GRADE, SEED, FERTILIZE AND MULCH. LEAVE NEAT SMOOTH EDGE (TYP.).
 - EXISTING MEMORIAL SIGN TO REMAIN, PROTECT.
 - "STAFF PARKING ONLY SCHOOL DAYS 7:00 TO 3:00 PM" SIGN IN LAWN. SEE DETAILS 9 / AC 500 AND 3 / AC507.
 - 6-FT TALL BLACK VINYL CLAD CHAIN LINK FENCE, 4-FT WIDE SINGLE GATE. SEE DETAIL 1 / AC507.

General Site Notes

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

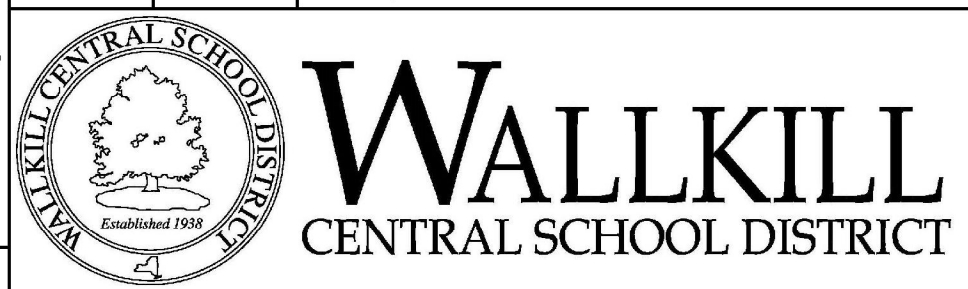
Site Layout Notes

1. REFER TO DRAWING AC120 FOR GENERAL LAYOUT NOTES THAT APPLY TO ALL LAYOUT PLANS.

Site Layout Legend	
	CONCRETE PAVING
	ASPHALT PAVING - AUTO DUTY
	CONCRETE CURB

S.E.D. Control No. 62-18-01-06-0-007-018

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BID SET



Walkill Central School District
Walkill, New York

Reconstruction to:
Walkill Senior High School

Site Layout Plan - Area C

Drawn by: J.L.P.	Date: 11/4/2022	Drawing No.: AC122
Project No.: 17597-22001		



Site Layout Keynotes

- 1 SMOOTH TRANSITION FROM PROPOSED SURFACE TO ADJACENT EXISTING SURFACE, (TYP.).
- 3 AUTO DUTY ASPHALT PAVING, SEE DETAIL 13 / AC500.
- 36 ASPHALT PAVING AT EXISTING ASPHALT (TYP.) SEE DETAIL 17 / AC500.
- 74 EXISTING FENCE TO BE REMOVED AS REQUIRED DURING DRAIN PIPE INSTALLATION AND REPLACED UPON COMPLETION OF WORK.
- 75 RE-STRIPE PARKING SPACES AS REQUIRED. SEE DETAIL 11 / AC500.
- 76 CONTRACTOR RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING IRRIGATION SYSTEM CAUSED BY CONSTRUCTION.
- 77 PROVIDE THE FOLLOWING ATHLETIC FIELD NATURAL TURF RENOVATION THROUGHOUT ATHLETIC FIELD AREA SHOWN:
 - HOLD A PRE-CONSTRUCTION CONFERENCE BEFORE BEGINNING WORK TO DISCUSS SCHEDULE, EQUIPMENT, WATERING PROCEDURE, ETC.
 - ADJUST GRADES WITH APPROVED SOIL TO CREATE A UNIFORM GRADE SLOPED AT 1.5% MIN. OR AS NOTED.
 - IN AREAS THAT ARE MORE THAN 10% WEEDS, PROVIDE WEED CONTROL APPROVED BY OWNER.
 - AERATE WITH SHATTER TINES IN TWO DIRECTIONS TO 6" DEPTH.
 - TOPDRESS WITH MIXTURE OF 50% COMPOST AND 50% SAND TO MINIMUM DEPTH OF 1".
 - OVERSEED WITH ATHLETIC FIELD SEED BLEND.
 - PROVIDE WATER, FERTILIZER AND FOLLOW-UP MAINTENANCE IN A TIMELY MANNER. NOTE, CONTRACTOR TO PROVIDE WATER FROM APPROVED SOURCE. EXISTING FIELD DOES NOT HAVE IRRIGATION.
 - REFER TO TURF AND GRASSES SPECIFICATION FOR TURF RENOVATION INSTALLER REQUIREMENTS AND MATERIALS AND EXECUTION SPECIFICATIONS.

General Site Notes

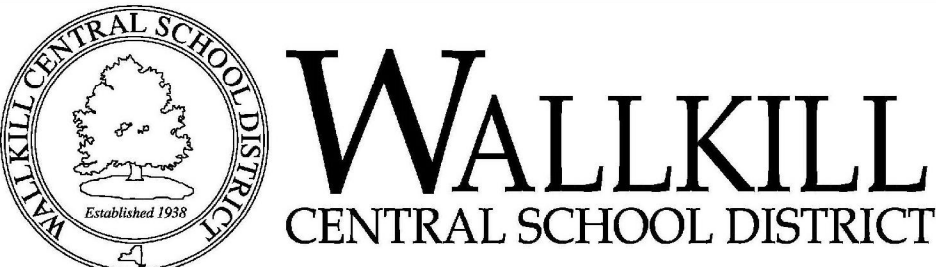
1. REFER TO DRAWING AC100 FOR GENERAL SITE NOTES THAT APPLY TO ALL AC-SERIES DRAWINGS.

Site Layout Notes

1. REFER TO DRAWING AC120 FOR GENERAL LAYOUT NOTES THAT APPLY TO ALL LAYOUT PLANS.

S.E.D. Control No. 62-18-01-06-0-007-018

Rev. No. Date Description



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Wallkill Central School District
Wallkill, New York

Reconstruction to:
Wallkill Senior High School

Site Layout Plan - Area D

Drawn by: J.L.P. Date: 11/4/2022 Drawing No.: AC123
Project No.: 17597-22001



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 8-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, SEED 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

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. 62-18-01-06-0-007-018

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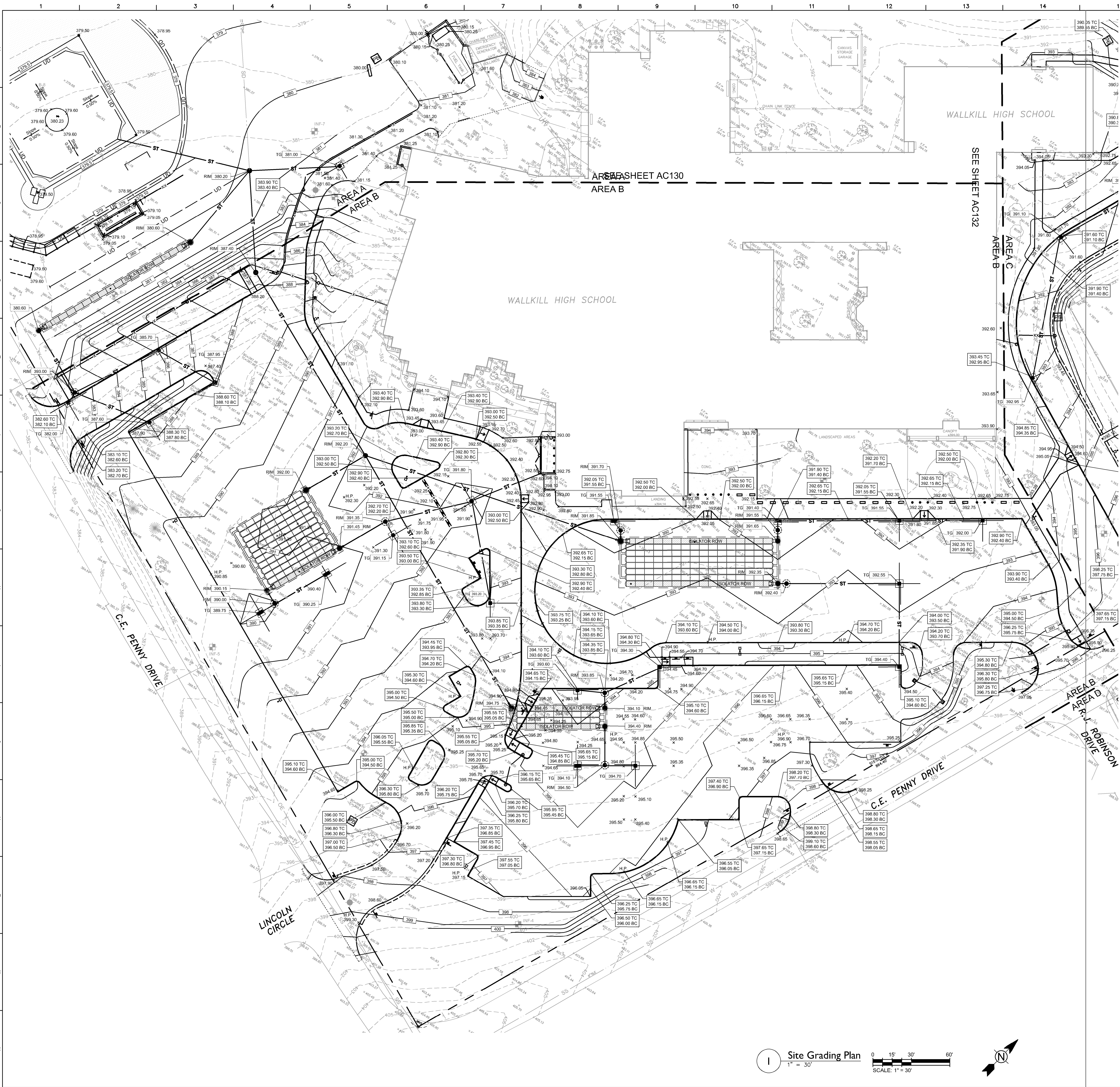


Wallkill Central School District
Walkill, New York

Reconstruction to:
Walkill Senior High School

Site Grading Plan - Area A

Drawn by: J.L.P.	Date: 11/4/2022	Drawing No.:
Project No.:		AC130
17597-22001		



General Site Notes

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

General Grading Plan Notes

1. REFER TO DRAWING AC130 FOR GENERAL GRADING PLAN NOTES THAT APPLY TO ALL GRADING PLANS.

GRADING KEY	
TC	TOP OF CURB
BC	BOTTOM OF CURB
+	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. 62-18-01-06-0-007-018

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Wallkill Central School District
Wallkill, New York

Reconstruction to:
Wallkill Senior High School

Site Grading Plan - Area B

Drawn by:
J.L.P.

Date:
11/4/2022

Drawing No.:
AC131



General Site Notes

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

General Grading Plan Notes

1. REFER TO DRAWING AC130 FOR GENERAL GRADING PLAN NOTES THAT APPLY TO ALL GRADING PLANS.

GRADING KEY	
TC	TOP OF CURB
BC	BOTTOM OF CURB
+	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. 62-18-01-06-0-007-018

Rev. No. : Date: Description:



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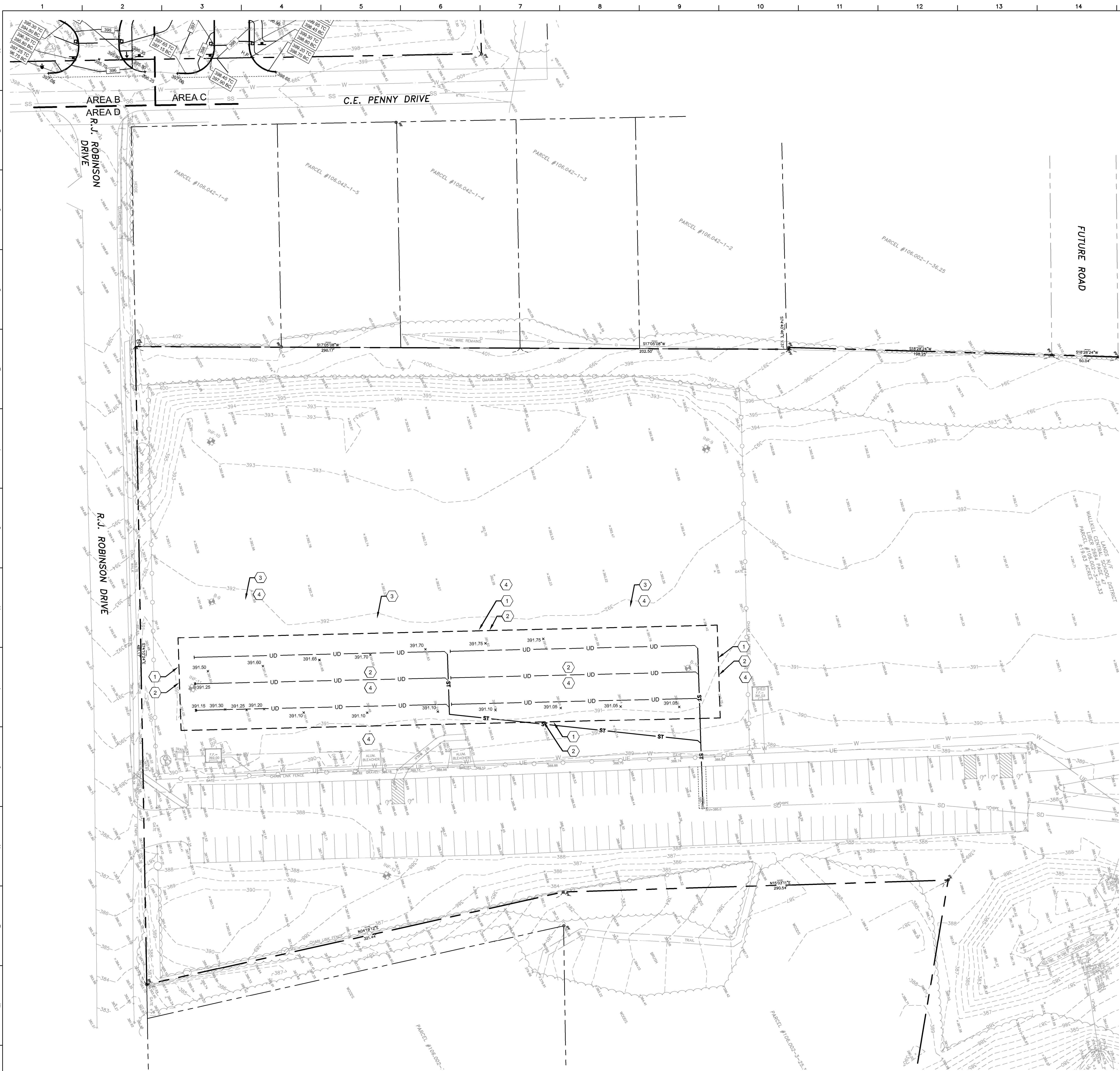


Walkill Central School District
Walkill, New York

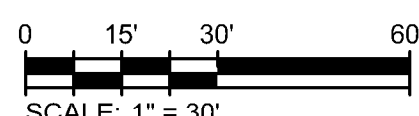
Reconstruction to:
Walkill Senior High School

Site Grading Plan - Area C

Drawn by: J.L.P.	Date: 11/4/2022	Drawing No.:
Project No.:	AC132	
17597-22001		



1 Site Grading Plan
1" = 30'



General Site Notes

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

General Grading Plan Notes

1. REFER TO DRAWING AC130 FOR GENERAL GRADING PLAN NOTES THAT APPLY TO ALL GRADING PLANS.

Site Grading Keynotes

1. LIMIT OF WORK, PROVIDE SMOOTH TRANSITION FROM PROPOSED SURFACE TO ADJACENT EXISTING SURFACE, TYPICAL.
2. CONTRACTOR TO GRADE AREA EVENLY AND INSTALL NEW LOAM AND SEED SOIL AMENDMENTS WITHIN LIMIT OF UNDERDRAIN WORK AREA.
3. CONTRACTOR TO COORDINATE WITH ENGINEER TO LOCATE POCKETS OF DEPRESSED AREAS CAUSING DRAINAGE ISSUES. CONTRACTOR TO REMOVE EXISTING TURF, FILL AND GRADE EVENLY WITH TOPSOIL, AND INSTALL NEW SOD.
4. CONTRACTOR RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING IRRIGATION SYSTEM CAUSED BY CONSTRUCTION.

GRADING KEY

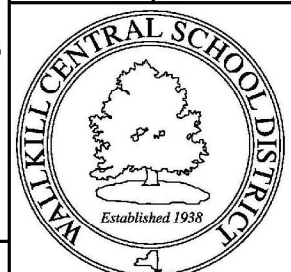
+	SPOT ELEVATION
HP	HIGH POINT
MATCH	MATCH EXISTING GRADE

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. 62-18-01-06-0-007-018

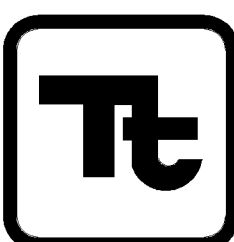
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WALLKILL
CENTRAL SCHOOL DISTRICT

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TETRA TECH
ARCHITECTS & ENGINEERS

Wallkill Central School District
Wallkill, New York

Reconstruction to:
Wallkill Senior High School

Site Grading Plan - Area D

Drawn by: J.L.P. Date: 11/4/2022 Drawing No.:

Project No.:
17597-22001

AC133



Site Utility and Drainage Keynotes

- 2 FIRE HYDRANT. SEE DETAIL 2 / AC502.
- 3 6-IN GATE VALVE. SEE DETAIL 4 / AC502
- 6 8-IN GATE VALVE. SEE DETAIL 4 / AC502.
- 10 SITE LIGHT. SEE ELECTRICAL PLANS FOR DETAILS.
- 14 CONCRETE THRUST BLOCK (TYP.). SEE DETAIL 3 / AC502.
- 15 UNDERGROUND TELECOMMUNICATION CONDUIT. SEE ELECTRICAL DRAWINGS.
- 16 UNDERGROUND ELECTRIC CONDUIT. SEE ELECTRICAL DRAWINGS.
- 17 TELECOM / ELECTRIC PULL BOX. SEE ELECTRICAL DRAWINGS.
- 18 INSTALL 15-FT INDIVIDUAL LENGTHS OF 4-IN PERFORATED HDPE UNDER DRAIN IN LOCATION SHOWN SLOPE = 0.50% (TYP.). SEE DETAIL 16 / AC500 FOR ASPHALT PAVING WITH UNDERDRAIN BEDDING REQUIREMENTS. (TYP.)
- 22 FUEL PUMP. SEE PLUMBING PLANS FOR DETAILS.
- 23 BASEBALL SCOREBOARD IN LOCATION SHOWN. SEE ELECTRICAL DRAWINGS.
- 24 INSTALL CHAMBER SUBSURFACE RECHARGE AREA 4. SEE DETAIL 4 / AC504.
- 25 233 LF 8-IN WATER LINE. SEE DETAIL 6 / AC500.
- 26 8-IN PIPE PLUG.
- 27 8-IN X 6-IN REDUCER.
- 28 8-IN X 8-IN X 8-IN TEE.
- 29 8 LF OF 6-IN WATER LINE. SEE DETAIL 6 / AC500.
- 32 6-IN HDPE STORM PIPE END CAP. INVERT = 378.00
- 51 1-IN X 12-IN EDGE DRAIN END CAP. INVERT = 377.50
- 52 6-IN HDPE STORM PIPE WYE. INVERT = 376.50
- 53 6-IN HDPE STORM PIPE END CAP. INVERT = 377.50
- 54 6-IN HDPE STORM PIPE WYE. INVERT = 376.20
- 55 1-IN X 12-IN EDGE DRAIN END CAP. INVERT = 378.00
- 56 1-IN X 12-IN EDGE DRAIN END CAP. INVERT = 378.00
- 57 6-IN HDPE STORM PIPE WYE. INVERT = 377.70

Storm Drainage Structure Schedule				
ID	STRUCTURE TYPE	CONNECTION DATA		
DS-45	4' DIA. CONCRETE MANHOLE	@	TOP OF RIM 380.60	
		(SE) 12" INVERT IN =	378.50	
		(NE) 24" ISOLATOR ROW =	376.01	
(SEE DETAIL 1 / AC500)				
DS-46	4' DIA. CONCRETE MANHOLE	@	TOP OF RIM 380.60	
OCS #4		4' WIDE WEIR =	377.25	
		8" ORIFICE =	376.00	
		(SW) 24" ISOLATOR ROW =	376.01	
		(N) 18" INVERT OUT =	376.00	
(SEE DETAIL 1 / AC503)				
DS-47	3' DIA. WATER QUALITY INLET	@	TOP OF GRATE 381.00	
		(W) 12" INVERT OUT =	377.80	
		(S, E, W) 4" UD INVERT IN =	379.00	
(SEE DETAIL 3 / AC506)				
DS-48	6' DIA. CONCRETE MANHOLE	@	TOP OF RIM 380.20	
		(E) 12" INVERT IN =	374.00	
		(S) 24" INVERT IN =	373.94	
		(SW) 18" INVERT IN =	375.22	
		(W) 6" INVERT IN =	377.10	
		(N) 21" INVERT OUT =	373.85	
EXISTING PIPE				
(SEE DETAIL 1 / AC500)				

Storm Drainage Piping Schedule				
ID	LENGTH	SIZE/MATERIAL	SLOPE	Description
DP-36	52' LF OF	12" HDPE PIPE @ 0.50%		Storm Line *
DP-37	68' LF OF	18" HDPE PIPE @ 1.10%		Storm Line *
DP-38	67' LF OF	12" HDPE PIPE @ 5.70%		Storm Line *
DP-39	76' LF OF	24" HDPE PIPE @ 1.00%		Storm Line *
DP-52	104' LF OF	6" HDPE PIPE @ 2.40%		Storm Line *
* SEE PIPE TRENCH DETAIL 8 / AC500 FOR BEDDING REQUIREMENTS				

Storm Under Drain Piping Schedule				
ID	LENGTH	SIZE/MATERIAL	SLOPE	Description
UD-1	318' LF OF	6" 6" HDPE @ 0.40%		Under Drain (2)
UD-2	148' LF OF	11"x12" EDGE DRAIN @ 0.20%		Under Drain (1)
UD-3	148' LF OF	11"x12" EDGE DRAIN @ 0.20%		Under Drain (1)
UD-4	293' LF OF	11"x12" EDGE DRAIN @ 0.30%		Under Drain (1)
UD-5	180' LF OF	6" 6" HDPE @ 0.50%		Under Drain (2)
1. SEE PIPE TRENCH DETAIL 7 / AC500 FOR BEDDING REQUIREMENTS. 2. SEE PIPE TRENCH DETAIL 8 / AC500 FOR BEDDING REQUIREMENTS.				

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

Site Utility Legend

- W WATER LINE
- ST STORM DRAIN LINE
- CATCH BASIN
- DRAIN MANHOLE
- WATER QUALITY INLET
- WATER QUALITY UNIT
- UT UNDERGROUND TELECOM
- UE UNDERGROUND ELECTRIC
- PE ELECTRIC PULL BOX

S.E.D. Control No. 62-18-01-06-0-007-018

1 1/16/23 SED Add. No. 2
Rev. No.: Date: Description:



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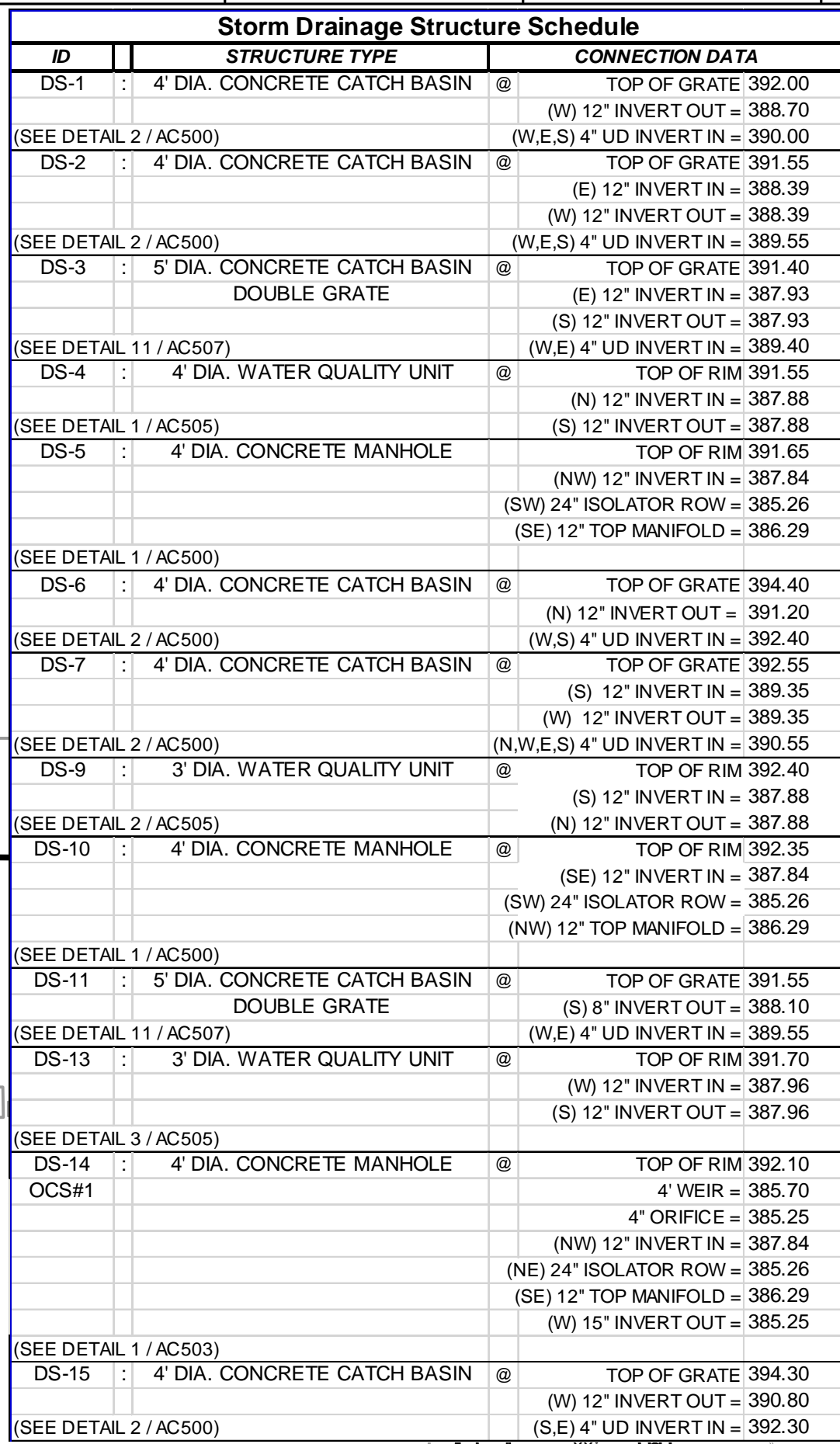


Walkill Central School District
Walkill, New York

Reconstruction to:
Walkill Senior High School

Site Utility Plan - Area A

Drawn by: J.L.P. Date: 11/4/2022 Drawing No.:
Project No.: 17597-22001
AC140



EE DETAIL 2 / AC509	4" DIA. CONCRETE CATCH BASIN	⊗	TOP OF GRADE = 393.60 (E) 12" INVERT OUT = 390.40 (W,S,E) 4" UD INVERT IN = 391.60
EE DETAIL 2 / AC500	5" DIA. WATER QUALITY UNIT	⊗	TOP OF GRADE = 393.60 (E) 12" INVERT IN = 390.22 (W) 12" INVERT IN = 390.22 (S) 12" INVERT IN = 390.22
EE DETAIL 4 / AC505	4" DIA. CONCRETE MANHOLE	⊗	TOP OF RIM 394.10 (NW) 12" INVERT IN = 390.14 (SW) 24" ISOLATOR ROW = 387.51 (SE) 12" TOP MANHOLE = 388.54
EE DETAIL 1 / AC500	5" DIA. CONCRETE CATCH BASIN DOUBLE GRATE	⊗	TOP OF GRADE 394.10 (E) 12" INVERT OUT = 390.90 (N,S,W,E) 4" UD INVERT IN = 392.10
EE DETAIL 11 / AC507	4" DIA. CONCRETE CATCH BASIN DOUBLE GRATE	⊗	TOP OF GRADE 394.10 (W) 12" INVERT IN = 391.70 (N,S,W,E) 4" UD INV. IN = 392.70
EE DETAIL 2 / AC500	6" DIA. WATER QUALITY UNIT	⊗	TOP OF GRADE 394.80 (W) 12" INVERT IN = 390.54 (SW) 12" INVERT IN = 390.54 (N) 8" INVERT OUT = 390.54
EE DETAIL 5 / AC505	4" DIA. CONCRETE MANHOLE	⊗	TOP OF RIM 394.40 (SE) 12" INVERT IN = 390.14 (SW) 24" ISOLATOR ROW = 387.51 (NW) 12" TOP MANHOLE = 388.54
EE DETAIL 1 / AC500	4" DIA. CONCRETE MANHOLE	⊗	TOP OF RIM 394.75 4" WEIR = 387.75 4" ORIFICE = 387.25 (SE) 12" BOTTOM MANHOLE = 387.60 (NW) 12" INVERT OUT = 387.25
EE DETAIL 1 / AC503	8" HEAVY DUTY TRENCH DRAIN	⊗	TOP OF GRADE = 392.60 (W) 8" INVERT OUT = 389.80
EE DETAIL 2 / AC500	4" DIA. CONCRETE CATCH BASIN	⊗	TOP OF GRADE 391.80 (E) 12" INVERT IN = 388.60 (S) 12" INVERT IN = 388.60 (W) 12" INVERT OUT = 390.00 (N,S,W,E) 4" UD INV. IN = 389.80
EE DETAIL 2 / AC500	4" DIA. CONCRETE CATCH BASIN	⊗	TOP OF GRADE 393.20 (N) 8" INVERT OUT = 390.00 (N,S,E) 4" UD INVERT IN = 391.20 (W) 12" INVERT OUT = 390.00
EE DETAIL 2 / AC500	4" DIA. CONCRETE CATCH BASIN	⊗	TOP OF GRADE 391.15 (NW) 12" INVERT IN = 387.20 (N,S,E) 4" UD INVERT IN = 389.35
EE DETAIL 2 / AC500	4" DIA. WATER QUALITY UNIT	⊗	TOP OF RIM 391.35 (E) 12" INVERT IN = 386.75 (S) 12" INVERT IN = 386.75 (W) 12" INVERT IN = 386.75
EE DETAIL 6 / AC505	4" DIA. CONCRETE MANHOLE	⊗	TOP OF RIM 390.95 (N)12" INVERT IN = 386.45 (SW) 24" ISOLATOR ROW = 383.76 (W) 12" TOP MANHOLE = 384.79
EE DETAIL 1 / AC500	5" DIA. CONCRETE CATCH BASIN DOUBLE GRATE	⊗	TOP OF GRADE 390.25 (E) 12" INVERT IN = 387.05 (S) 12" INVERT OUT = 387.05 (N,E,W) 4" UD INV. IN = 388.25
EE DETAIL 11 / AC507	5" DIA. CONCRETE CATCH BASIN DOUBLE GRATE	⊗	TOP OF GRADE 389.75 (S) 12" INVERT IN = 386.55 (E) 12" INVERT OUT = 386.55 (N,S,W) 4" UD INV. IN = 387.75
EE DETAIL 11 / AC507	5" DIA. WATER QUALITY UNIT	⊗	TOP OF RIM 389.75 (W) 12" INVERT IN = 386.50 (E) 12" INVERT IN = 386.50 (N) 12" INVERT OUT = 386.50
EE DETAIL 1 / AC506	4" DIA. CONCRETE MANHOLE	⊗	TOP OF RIM 390.15 (E) 12" INVERT IN = 386.45 (N)24" ISOLATOR ROW = 384.79 (W) 12" TOP MANHOLE = 384.79
EE DETAIL 1 / AC500	4" DIA. CONCRETE MANHOLE	⊗	TOP OF RIM 391.30 4" WEIR = 384.25 4" ORIFICE = 383.75 (N) 15" INVERT OUT = 383.75 (S) 12" BOTTOM ROW = 383.75 (E) 12" TOP MANHOLE = 384.79
EE DETAIL 1 / AC503	4" DIA. CONCRETE MANHOLE	⊗	TOP OF RIM 392.20 (E) 12" INVERT IN = 383.95 (W) 12" INVERT IN = 383.95 (S) 12" INVERT IN = 383.95 (S) 12" INVERT OUT = 383.95
EE DETAIL 1 / AC500	4" DIA. CONCRETE MANHOLE	⊗	TOP OF RIM 387.40 (S) 12" INVERT IN = 374.70 (N)24" INVERT OUT = 374.70
EE DETAIL 1 / AC500	4" DIA. CONCRETE CATCH BASIN	⊗	TOP OF GRADE 387.95 (W) 12" INVERT OUT = 384.75 (SW) 4" UD INVERT IN = 385.95
EE DETAIL 2 / AC500	4" DIA. CONCRETE CATCH BASIN	⊗	TOP OF GRADE 385.70 (E) 12" INVERT IN = 382.50 (W) 12" INVERT OUT = 382.50 (N,W,E) 4" UD INVERT IN = 383.70
EE DETAIL 2 / AC500	4" DIA. CONCRETE CATCH BASIN	⊗	TOP OF GRADE 387.60 (S) 12" INVERT IN = 383.75 (N,S,E) 4" UD INVERT IN = 385.60
EE DETAIL 2 / AC500	4" DIA. CONCRETE CATCH BASIN	⊗	TOP OF GRADE 382.00 (N) 12" INVERT OUT = 378.00 (N,S,E) 4" UD INVERT IN = 380.00
EE DETAIL 2 / AC500	6" DIA. WATER QUALITY UNIT	⊗	TOP OF RIM 393.00 (NE) 12" INVERT IN = 378.76 (E) 12" INVERT IN = 378.76 (S) 12" INVERT IN = 378.76 (NW) 12" INVERT OUT = 378.76
EE DETAIL 2 / AC506			

Storm Drainage Piping Schedule						
ID	LENGTH	SIZE/MATERIAL		SLOPE	Description	
DP-1	62' LF	OF 12"	HDPE PIPE	@ 0.50%	Storm Line	
DP-2	92' LF	OF 18"	HDPE PIPE	@ 0.50%	Storm Line	
DP-3	6' LF	OF 18"	HDPE PIPE	@ 0.80%	Storm Line	
DP-4	4' LF	OF 18"	HDPE PIPE	@ 0.80%	Storm Line	
DP-5	62' LF	OF 18"	HDPE PIPE	@ 3.00%	Storm Line	
DP-6	84' LF	OF 12"	HDPE PIPE	@ 1.70%	Storm Line	
DP-7	4' LF	OF 12"	HDPE PIPE	@ 0.80%	Storm Line	
DP-9	6' LF	OF 12"	HDPE PIPE	@ 2.00%	Storm Line	
DP-11	6' LF	OF 12"	HDPE PIPE	@ 2.00%	Storm Line	
DP-12	206' LF	OF 18"	HDPE PIPE	@ 0.63%	Storm Line	
DP-13	44' LF	OF 12"	HDPE PIPE	@ 1.30%	Storm Line	
DP-14	18' LF	OF 12"	HDPE PIPE	@ 1.30%	Storm Line	
DP-15	8' LF	OF 12"	HDPE PIPE	@ 1.00%	Storm Line	
DP-15A	18' LF	OF 12"	HDPE PIPE	@ 2.00%	Storm Line	
DP-17	20' LF	OF 12"	HDPE PIPE	@ 2.30%	Storm Line	
DP-18	26' LF	OF 12"	HDPE PIPE	@ 1.50%	Storm Line	
DP-19	224' LF	OF 18"	HDPE PIPE	@ 0.63%	Storm Line	
DP-20	57' LF	OF 12"	HDPE PIPE	@ 2.30%	Storm Line	
DP-21	78' LF	OF 12"	HDPE PIPE	@ 1.60%	Storm Line	
DP-22	68' LF	OF 12"	HDPE PIPE	@ 2.80%	Storm Line	
DP-23	9' LF	OF 12"	HDPE PIPE	@ 0.80%	Storm Line	
DP-24	37' LF	OF 18"	HDPE PIPE	@ 0.80%	Storm Line	
DP-26	44' LF	OF 12"	HDPE PIPE	@ 1.00%	Storm Line	
DP-28	10' LF	OF 12"	HDPE PIPE	@ 0.50%	Storm Line	
DP-29	8' LF	OF 18"	HDPE PIPE	@ 0.60%	Storm Line	
DP-30	50' LF	OF 12"	HDPE PIPE	@ 0.50%	Storm Line	
DP-31	162' LF	OF 18"	HDPE PIPE	@ 5.34%	Storm Line	
DP-32	48' LF	OF 12"	HDPE PIPE	@ 4.70%	Storm Line	
DP-33	70' LF	OF 12"	HDPE PIPE	@ 5.30%	Storm Line	
DP-34	58' LF	OF 12"	HDPE PIPE	@ 5.20%	Storm Line	
DP-35	10' LF	OF 12"	HDPE PIPE	@ 0.70%	Storm Line	

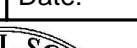
* SEE PIPE TRENCH DETAIL 6 / A6500 FOR BEDDING REQUIREMENTS.

Site Utility Legend

— W —————	WATER LINE
— ST —————	STORM DRAIN LINE
■	CATCH BASIN
●	DRAIN MANHOLE
⊙	WATER QUALITY INLET
⊙	WATER QUALITY UNIT
— UT —————	UNDERGROUND TELECOM
— UE —————	UNDERGROUND ELECTRIC
Ⓟ	ELECTRIC PULL BOX

E.D. Control No. 62-18-01-06-0-007-018

No.:	Date:	Description:
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WALLKILL

CENTRAL SCHOOL DISTRICT

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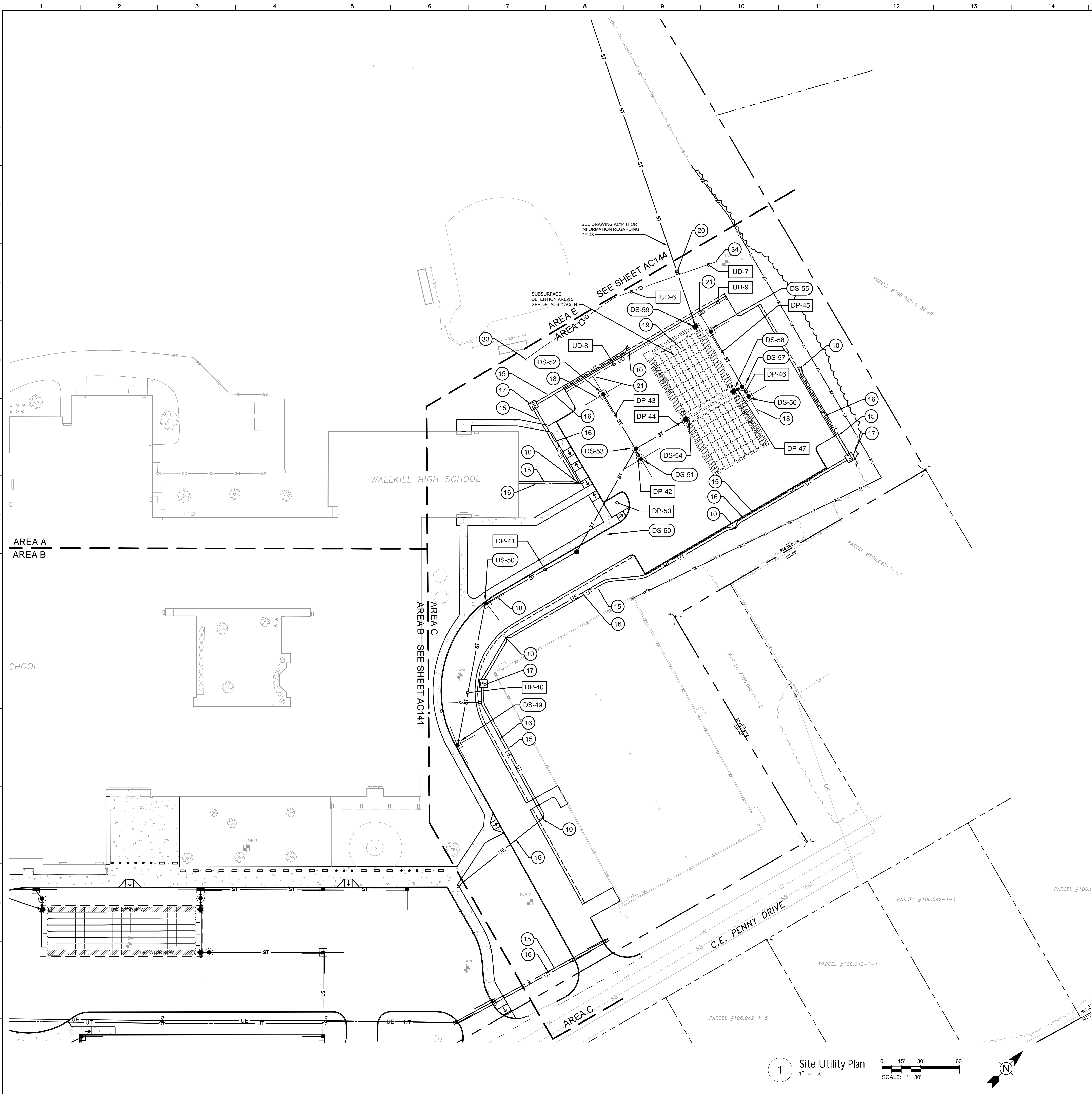
TETRA TECH
ARCHITECTS & ENGINEERS

Wallkill Central School District
Wallkill, New York

Reconstruction to:
Wallkill Senior High School

Site Utility Plan - Area B

Drawn by: J.L.P.	Date: 11/4/2022	Drawing No.:
Project No.: 17597-22001		AC141



Storm Drainage Structure Schedule		
ID	STRUCTURE TYPE	CONNECTION DATA
DS-40	4 DIA. CONCRETE CATCH BASIN	TOP OF GRATE: 392.95 (N) 12" INVERT OUT = 390.05 (NW, NE, SW) 4" UD INVERT IN = 390.95
(SEE DETAIL 2 / AC500)		
DS-50	4 DIA. CONCRETE CATCH BASIN	TOP OF GRATE: 391.10 (S) 12" INVERT IN = 387.70 (N) 12" INVERT OUT = 387.70 (SW, NE, SE) 4" UD INVERT IN = 389.10
(SEE DETAIL 2 / AC500)		
DS-51	4 DIA. CONCRETE CATCH BASIN	TOP OF GRATE: 390.10 (NW) 12" INVERT OUT = 385.85 (N, SE, SW) 4" UD INVERT IN = 388.10
(SEE DETAIL 2 / AC500)		
DS-52	4 DIA. CONCRETE CATCH BASIN	TOP OF GRATE: 389.00 (SE) 12" INVERT OUT = 385.80 (NE, SE, SW, NW) 4" UD INVERT IN = 387.00
(SEE DETAIL 2 / AC500)		
DS-53	4 DIA. WATER QUALITY UNIT	TOP OF RIM: 389.95 (SW) 12" INVERT IN = 385.55 (SE) 12" INVERT IN = 385.55 (NW) 12" INVERT IN = 385.55 (NE) 18" INVERT OUT = 385.55
(SEE DETAIL 4 / AC506)		
DS-54	4 DIA. CONCRETE MANHOLE	TOP OF RIM: 390.00 (SW) 18" INVERT IN = 385.30 (SE) 24" ISOLATOR ROW = 382.76 (NE) 12" TOP MANIFOLD = 383.79 (NW) 24" ISOLATOR ROW = 382.76
(SEE DETAIL 1 / AC500)		
DS-55	4 DIA. CONCRETE CATCH BASIN	TOP OF GRATE: 388.75 (SE) 12" INVERT OUT = 385.55 (NE, NW, SE) 4" UD INVERT IN = 386.75
(SEE DETAIL 2 / AC500)		
DS-56	4 DIA. CONCRETE CATCH BASIN	TOP OF GRATE: 389.90 (NW) 12" INVERT OUT = 385.50 (NE, SE) 4" UD INVERT IN = 387.90
(SEE DETAIL 2 / AC500)		
DS-57	3 DIA. WATER QUALITY UNIT	TOP OF RIM: 389.75 (SE) 12" INVERT IN = 385.32 (NW) 12" INVERT IN = 385.32 (SW) 12" INVERT OUT: 385.32
(SEE DETAIL 5 / AC506)		
DS-58	4 DIA. CONCRETE MANHOLE	TOP OF RIM: 389.85 (NE) 12" INVERT IN = 385.30 (SE) 24" ISOLATOR ROW = 382.76 (SW) 12" TOP MANIFOLD = 383.79 (NW) 24" ISOLATOR ROW = 382.76
(SEE DETAIL 1 / AC500)		
DS-59	4 DIA. CONCRETE MANHOLE	TOP OF RIM: 389.00 4" WEIR = 385.25 2" ORIFICE = 382.75 7.5" ORIFICE = 383.25 (SW) 12" BOTTOM MANIFOLD = 382.85 (NW) 12" INVERT OUT = 382.75
(SEE DETAIL 1 / AC503)		
DS-60	4 DIA. CONCRETE MANHOLE	TOP OF RIM: 391.40 (SW) 12" INVERT IN = 386.39 (NE) 12" INVERT OUT = 386.39
(SEE DETAIL 1 / AC500)		

Storm Drainage Piping Schedule				
ID	LENGTH	SIZE/MATERIAL	SLOPE	Description
DP-40	109 LF OF	12" HDPE PIPE	@ 2.20%	Storm Line *
DP-41	77 LF OF	12" HDPE PIPE	@ 1.37%	Storm Line *
DP-42	6 LF OF	12" HDPE PIPE	@ 5.00%	Storm Line *
DP-43	46 LF OF	12" HDPE PIPE	@ 0.50%	Storm Line *
DP-44	41 LF OF	18" HDPE PIPE	@ 0.60%	Storm Line *
DP-45	46 LF OF	12" HDPE PIPE	@ 0.50%	Storm Line *
DP-46	6 LF OF	12" HDPE PIPE	@ 3.00%	Storm Line *
DP-47	4 LF OF	12" HDPE PIPE	@ 0.50%	Storm Line *
DP-50	88 LF OF	12" HDPE PIPE	@ 1.00%	Storm Line *
* SEE PIPE TRENCH DETAIL 6 / AC500 FOR BEDDING REQUIREMENTS.				

Storm Under Drain Piping Schedule				
ID	LENGTH	SIZE/MATERIAL	SLOPE	Description
UD-6	136 LF OF	6" HDPE	@ 0.50%	Under Drain *
UD-7	30 LF OF	6" HDPE	@ 0.50%	Under Drain *
UD-8	70 LF OF	6" HDPE	@ 0.50%	Under Drain *
UD-9	70 LF OF	6" HDPE	@ 1.50%	Under Drain *
* SEE PIPE TRENCH DETAIL 8 / AC500 FOR BEDDING REQUIREMENTS.				

General Site Notes

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

General Utility Plan Notes

1. REFER TO DRAWING AC140 FOR GENERAL UTILITY PLAN NOTES THAT APPLY TO ALL UTILITY PLANS.

Site Utility and Drainage Keynotes

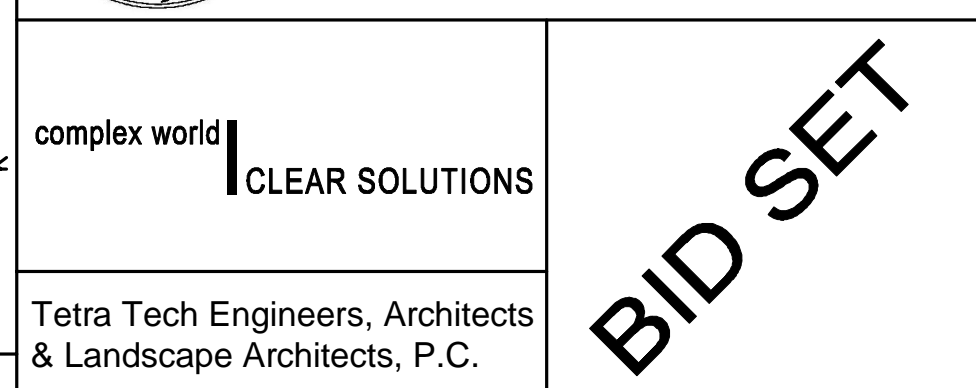
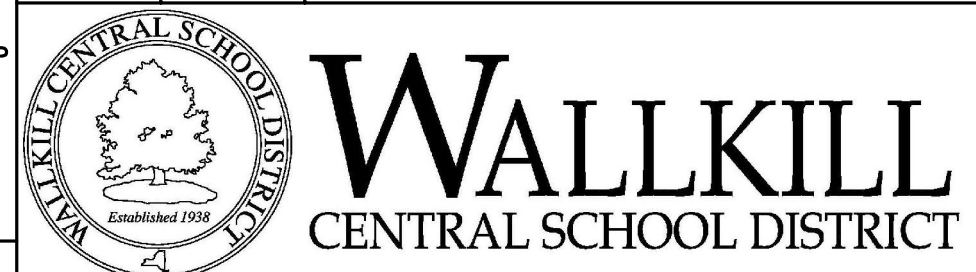
- 10 SITE LIGHT. SEE ELECTRICAL PLANS FOR DETAILS.
- 15 UNDERGROUND TELECOMMUNICATION CONDUIT. SEE ELECTRICAL DRAWINGS.
- 16 UNDERGROUND ELECTRIC CONDUIT. SEE ELECTRICAL DRAWINGS.
- 17 TELECOM / ELECTRIC PULL BOX. SEE ELECTRICAL DRAWINGS.
- 18 INSTALL 15-FT INDIVIDUAL LENGTHS OF 4-IN PERFORATED HDPE UNDER DRAIN IN LOCATION SHOWN SLOPE = 0.50% (TYP). SEE DETAIL 16 / AC500 FOR ASPHALT PAVING WITH UNDERDRAIN BEDDING REQUIREMENTS. (TYP.)
- 19 INSTALL CHAMBER SUBSURFACE RECHARGE AREA. SEE DETAIL 5 / AC504.
- 20 12-IN X 6-IN HDPE WYE CONNECTION
- 21 6-IN HDPE TEE FITTING.
- 33 6-IN HDPE STORM PIPE END CAP. INVERT = 382.20
- 34 6-IN HDPE STORM PIPE END CAP. INVERT = 381.65

Site Utility Legend

- W WATER LINE
- ST STORM DRAIN LINE
- CATCH BASIN
- DRAIN MANHOLE
- WATER QUALITY INLET
- WATER QUALITY UNIT
- UT UNDERGROUND TELECOM
- UE UNDERGROUND ELECTRIC
- PE ELECTRIC PULL BOX

S.E.D. Control No. 62-18-01-06-0-007-018

Rev. No.: Date: Description:

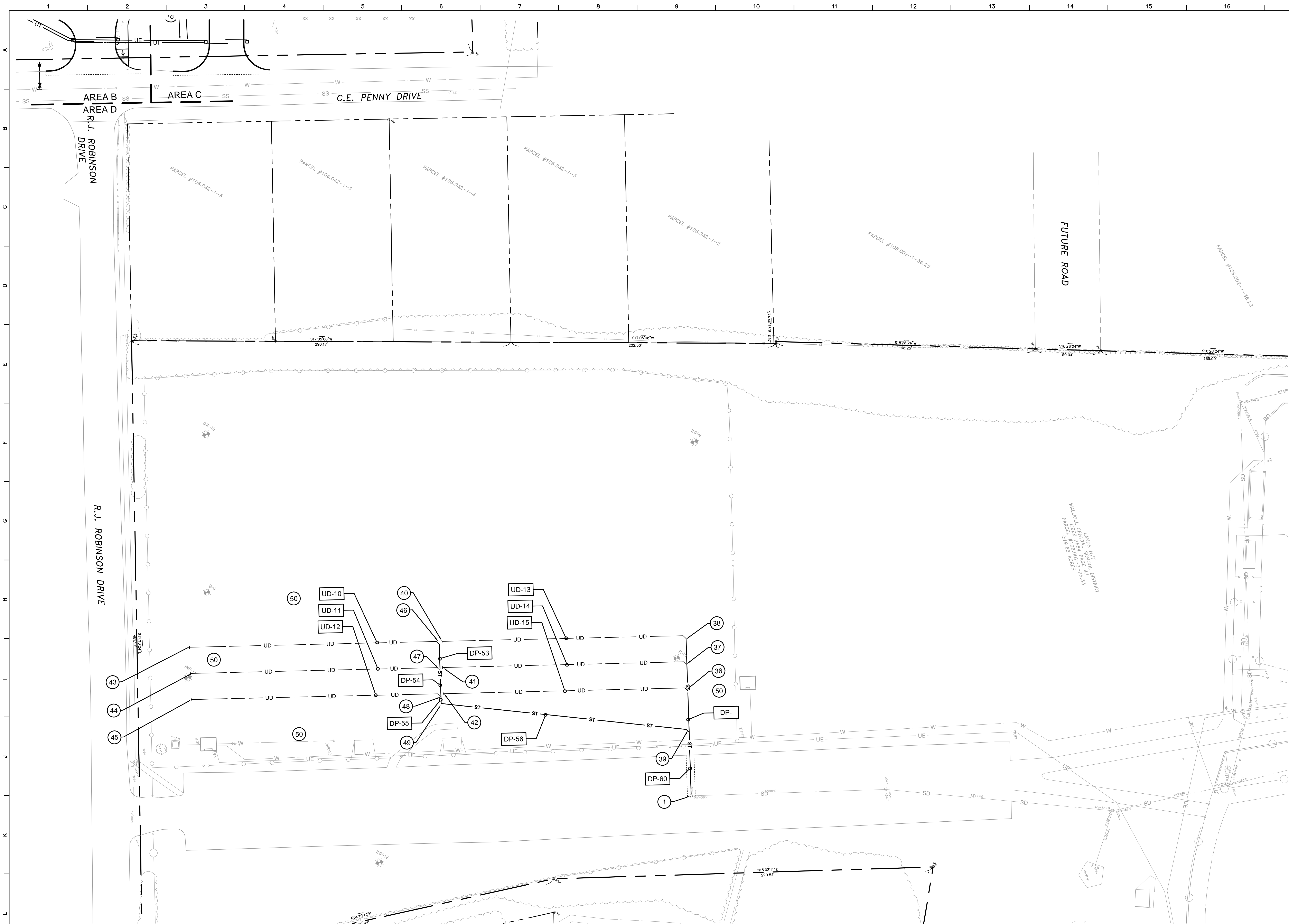


Wallkill Central School District
Wallkill, New York

Reconstruction to:
Wallkill Senior High School

Site Utility Plan - Area C

Drawn by: J.L.P. Date: 11/4/2022 Drawing No.:
Project No.: 17597-22001
AC142



General Site Notes

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

General Utility Plan Notes

1. REFER TO DRAWING AC140 FOR GENERAL UTILITY PLAN NOTES THAT APPLY TO ALL UTILITY PLANS.

Site Utility and Drainage Keynotes

- 35 CONNECT STORM PIPING TO EXISTING STORM STRUCTURE AT (ESTIMATED) INVERT 386.04'. VERIFY IN FIELD LOCATION AND DEPTH OF EXISTING STRUCTURE PRIOR TO CONSTRUCTION.
- 36 6-IN HDPE STORM PIPE WYE CONNECTION. INVERT = 386.40
- 37 6-IN HDPE STORM PIPE WYE CONNECTION. INVERT = 386.50
- 38 6-IN HDPE STORM PIPE WYE CONNECTION. INVERT = 386.60
- 39 6-IN HDPE STORM PIPE WYE CONNECTION. INVERT = 386.25
- 40 6-IN HDPE STORM PIPE END CAP. INVERT = 387.53
- 41 6-IN HDPE STORM PIPE END CAP. INVERT = 387.43
- 42 6-IN HDPE STORM PIPE END CAP. INVERT = 387.33
- 43 6-IN HDPE STORM PIPE END CAP. INVERT = 388.38
- 44 6-IN HDPE STORM PIPE END CAP. INVERT = 388.28
- 45 6-IN HDPE STORM PIPE END CAP. INVERT = 388.18
- 46 6-IN HDPE STORM PIPE WYE CONNECTION. INVERT = 387.43
- 47 6-IN HDPE STORM PIPE WYE CONNECTION. INVERT = 387.33
- 48 6-IN HDPE STORM PIPE WYE CONNECTION. INVERT = 387.23
- 49 6-IN HDPE STORM PIPE BEND. INVERT = 387.20
- 50 CONTRACTOR RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING IRRIGATION SYSTEM CAUSED BY CONSTRUCTION.

Site Utility Legend

- UD STORM UNDER DRAIN
- ST STORM DRAIN LINE

S.E.D. Control No. 62-18-01-06-0-007-018

Rev. No.: Date: Description:



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



Walkill Central School District
Walkill, New York

Reconstruction to:
Walkill Senior High School

Site Utility Plan - Area D

Drawn by: J.L.P. Date: 11/4/2022 Drawing No.:

Project No.: 17597-22001 AC143

Storm Drainage Piping Schedule					
ID	LENGTH	SIZE/MATERIAL	SLOPE	Description	
DP-53	20 LF OF	6" HDPE PIPE	@ 0.50%	Storm Line *	
DP-54	20 LF OF	6" HDPE PIPE	@ 0.50%	Storm Line *	
DP-55	6 LF OF	6" HDPE PIPE	@ 0.50%	Storm Line *	
DP-56	190 LF OF	6" HDPE PIPE	@ 0.50%	Storm Line *	
DP-57	20 LF OF	6" HDPE PIPE	@ 0.60%	Storm Line *	
DP-58	20 LF OF	6" HDPE PIPE	@ 0.50%	Storm Line *	
DP-59	32 LF OF	6" HDPE PIPE	@ 0.50%	Storm Line *	
DP-60	50 LF OF	6" HDPE PIPE	@ 0.50%	Storm Line *	
* SEE PIPE TRENCH DETAIL 6 / AC500 FOR BEDDING REQUIREMENTS.					

Storm Under Drain Piping Schedule					
ID	LENGTH	SIZE/MATERIAL	SLOPE	Description	
UD-10	190 LF OF	1"x12" EDGE DRAIN	@ 0.50%	Under Drain *	
UD-11	190 LF OF	1"x12" EDGE DRAIN	@ 0.50%	Under Drain *	
UD-12	190 LF OF	1"x12" EDGE DRAIN	@ 0.50%	Under Drain *	
UD-13	186 LF OF	1"x12" EDGE DRAIN	@ 1.50%	Under Drain *	
UD-14	186 LF OF	1"x12" EDGE DRAIN	@ 1.50%	Under Drain *	
UD-15	186 LF OF	1"x12" EDGE DRAIN	@ 1.50%	Under Drain *	
* SEE PIPE TRENCH DETAIL 16 / AC300 FOR BEDDING REQUIREMENTS.					



Storm Drainage Structure Schedule				
ID		STRUCTURE TYPE		CONNECTION DATA
DS-60		4' DIA. CONCRETE MANHOLE	@	TOP OF RIM 378.00 (S) 12" INVERT IN = 373.60 (N) 12" INVERT OUT = 373.60
(SEE DETAIL 1 / AC500)				
DS-61		12" CMP FLARED END OUTLET	@	12" INVERT OUT = 364.00
(SEE DETAIL 3 / AC500)				

Storm Drainage Piping Schedule				
ID	LENGTH	SIZE/MATERIAL	SLOPE	Description
DP-48	306' LF OF	12" HDPE PIPE	@ 3.00%	Storm Line *
DP-49	313' LF OF	12" HDPE PIPE	@ 3.10%	Storm Line *
* SEE PIPE TRENCH DETAIL 6 / AC500 FOR BEDDING REQUIREMENTS.				

General Site Notes

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

General Utility Plan Notes

1. REFER TO DRAWING AC140 FOR GENERAL UTILITY PLAN NOTES THAT APPLY TO ALL UTILITY PLANS.

Site Utility and Drainage Keynotes

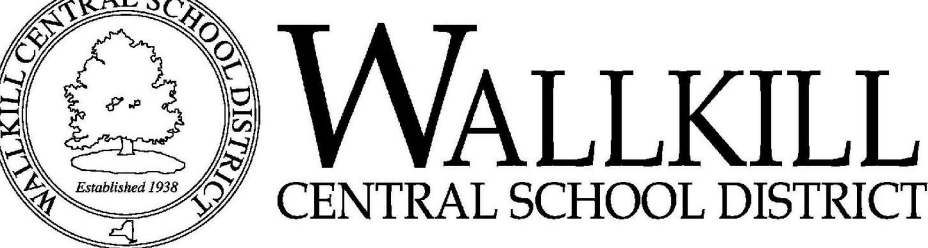
31 EXISTING FENCE TO BE REMOVED AS NEEDED DURING CONSTRUCTION AND REINSTALLED AFTER WORK IS COMPLETED.

Site Utility Legend

W	WATER LINE
ST	STORM DRAIN LINE
■	CATCH BASIN
●	DRAIN MANHOLE
⊙	WATER QUALITY INLET
⊙	WATER QUALITY UNIT
UT	UNDERGROUND TELECOM
UE	UNDERGROUND ELECTRIC
PE	ELECTRIC PULL BOX

S.E.D. Control No. 62-18-01-06-0-007-018

Rev. No.: Date: Description:



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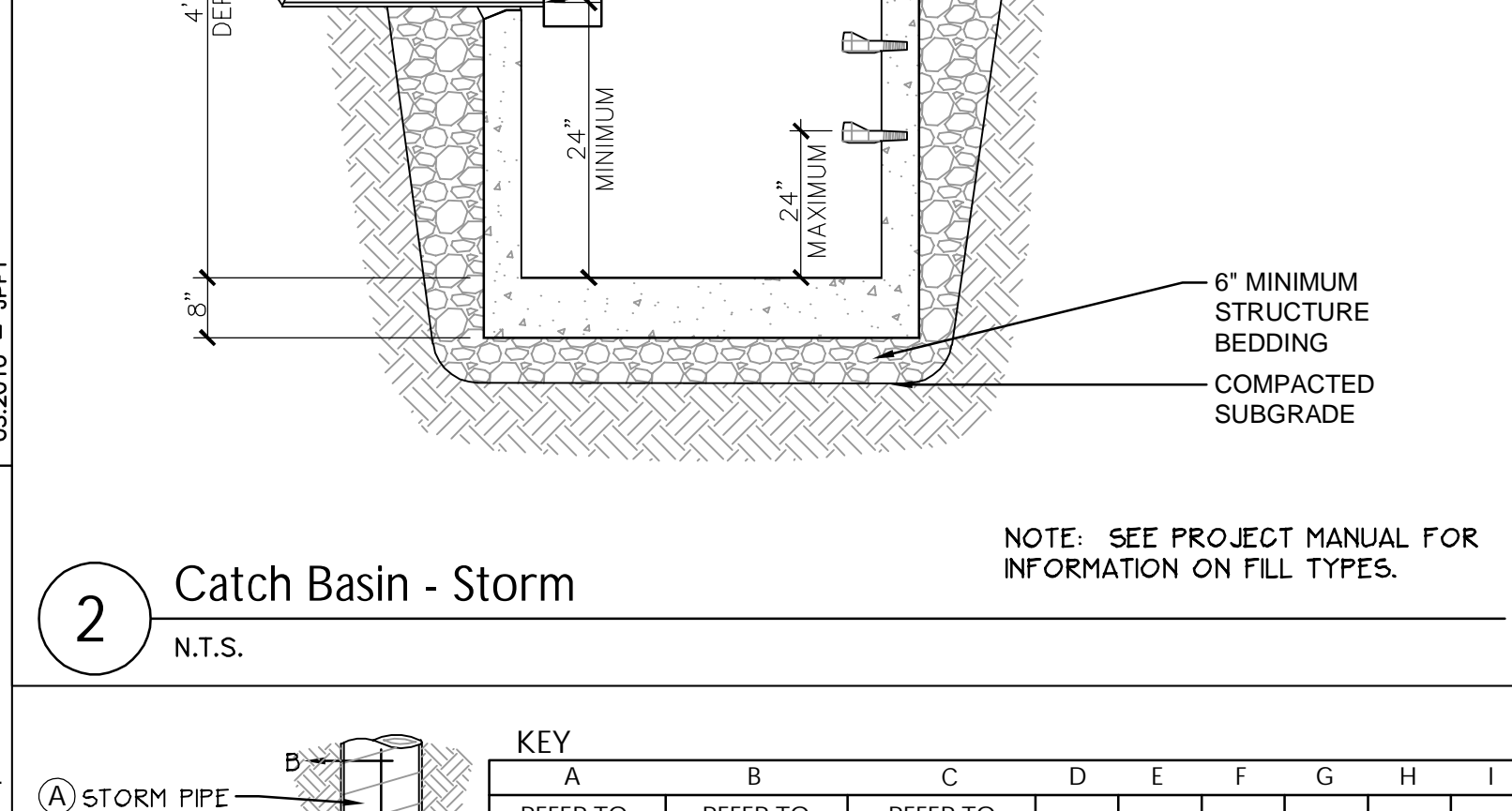
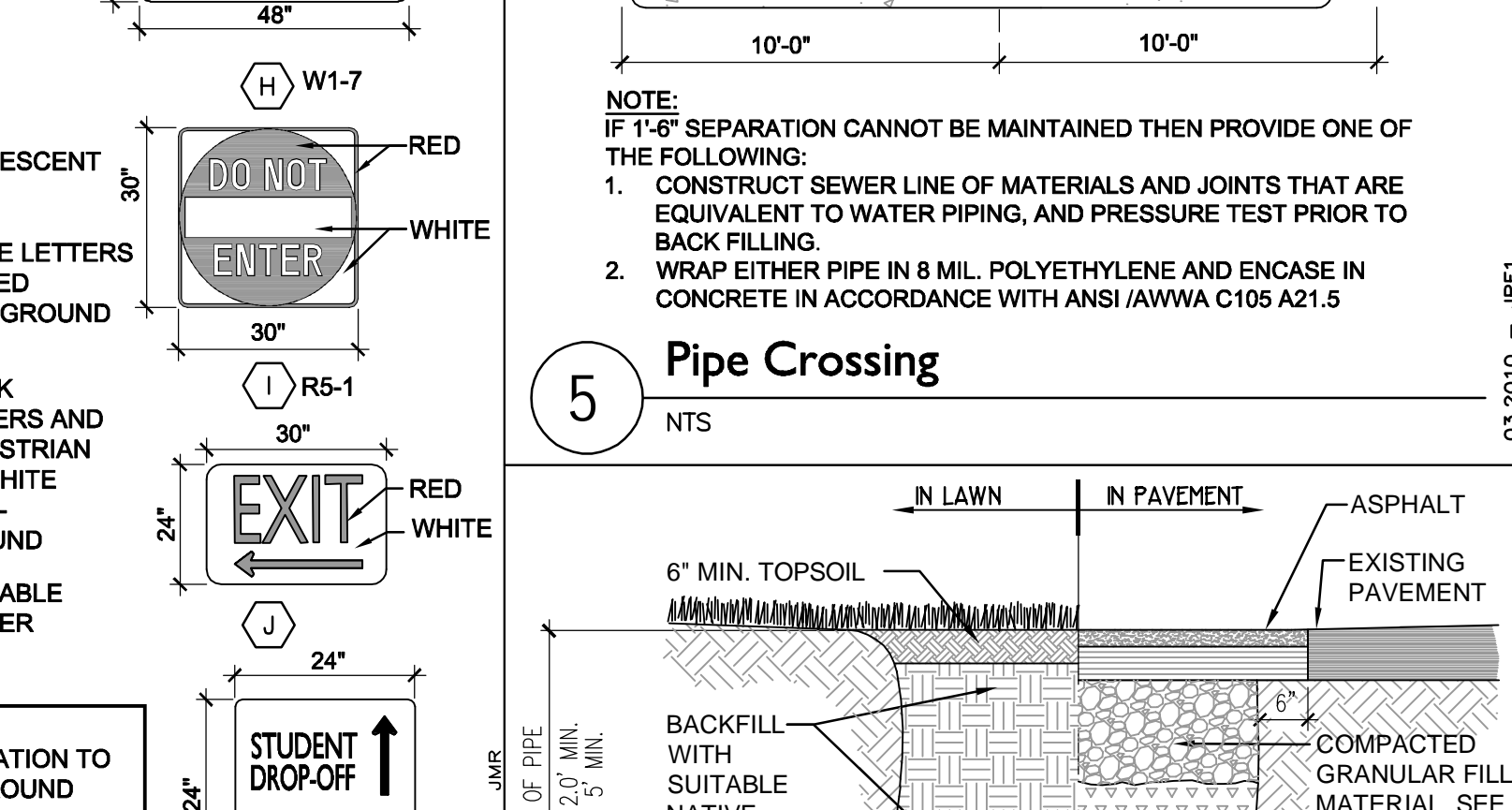
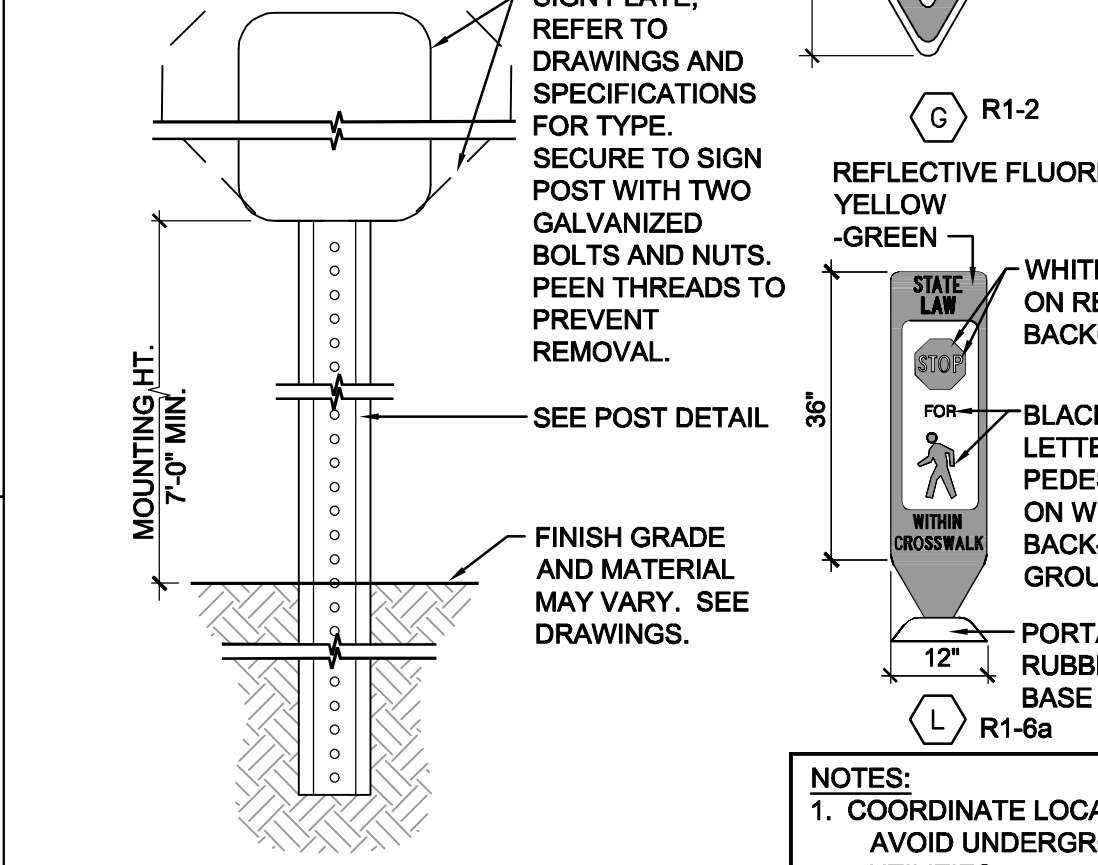
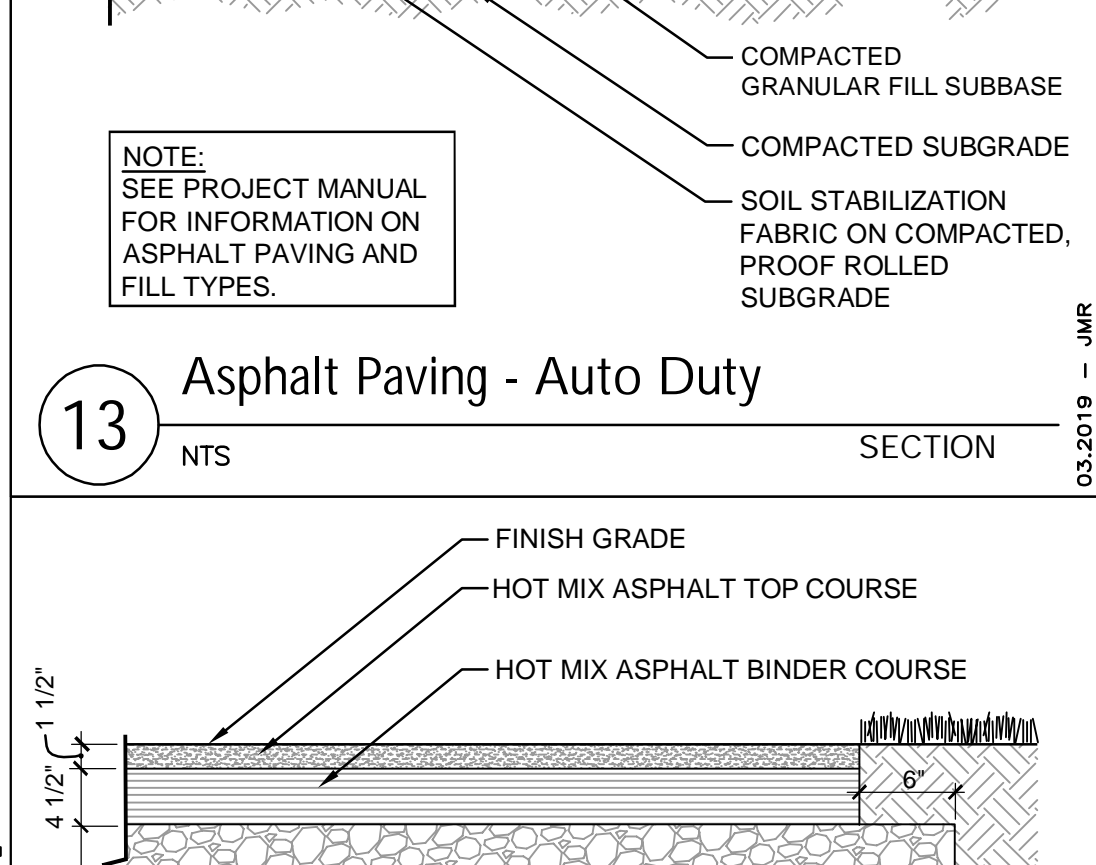
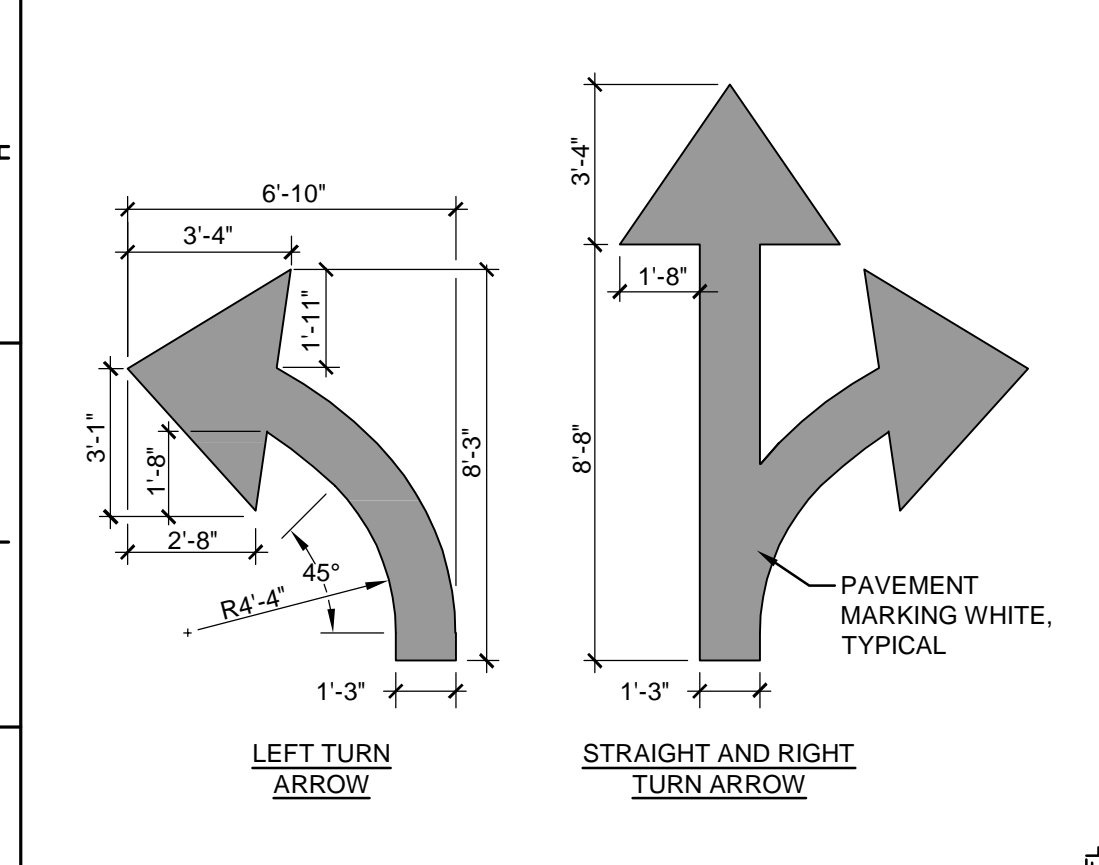
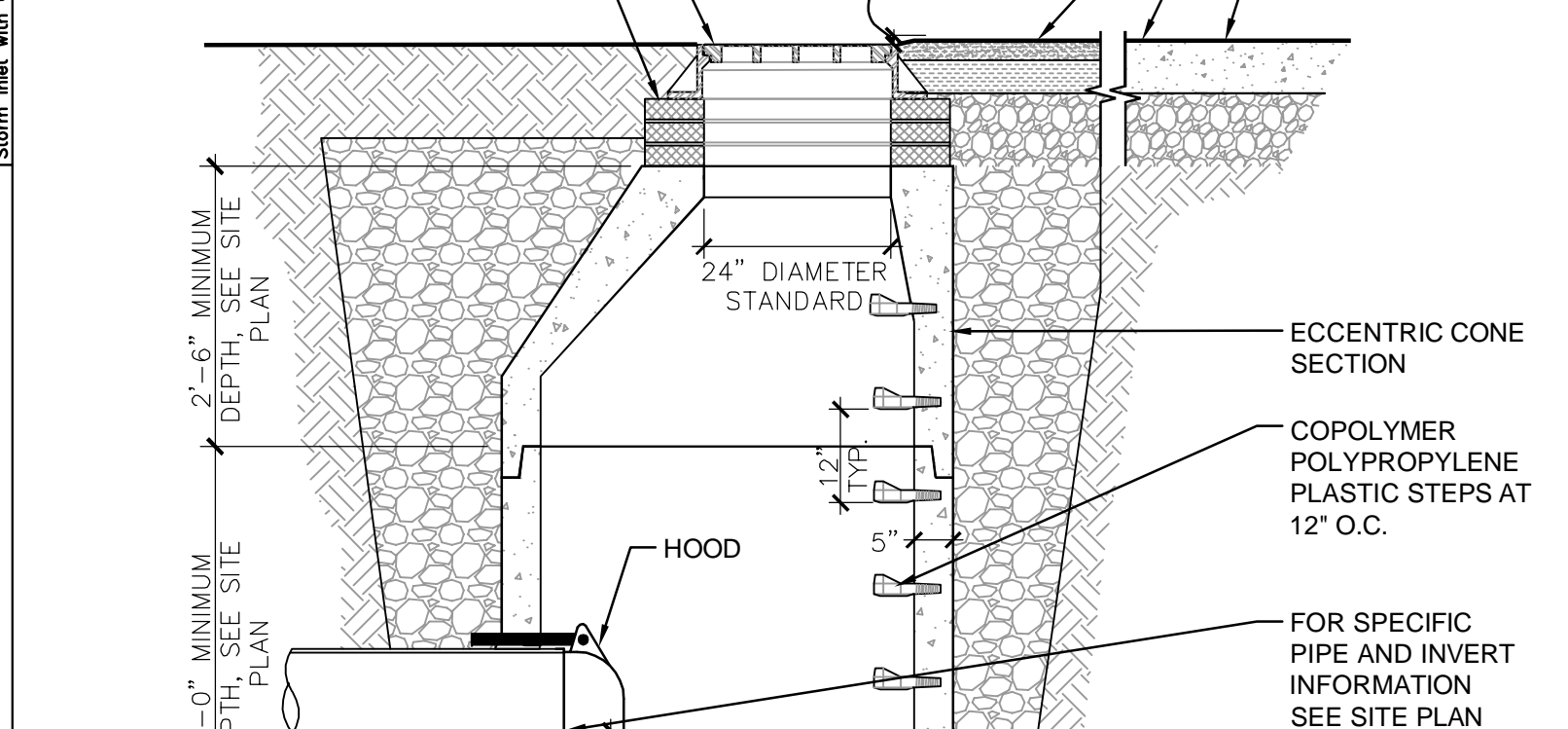
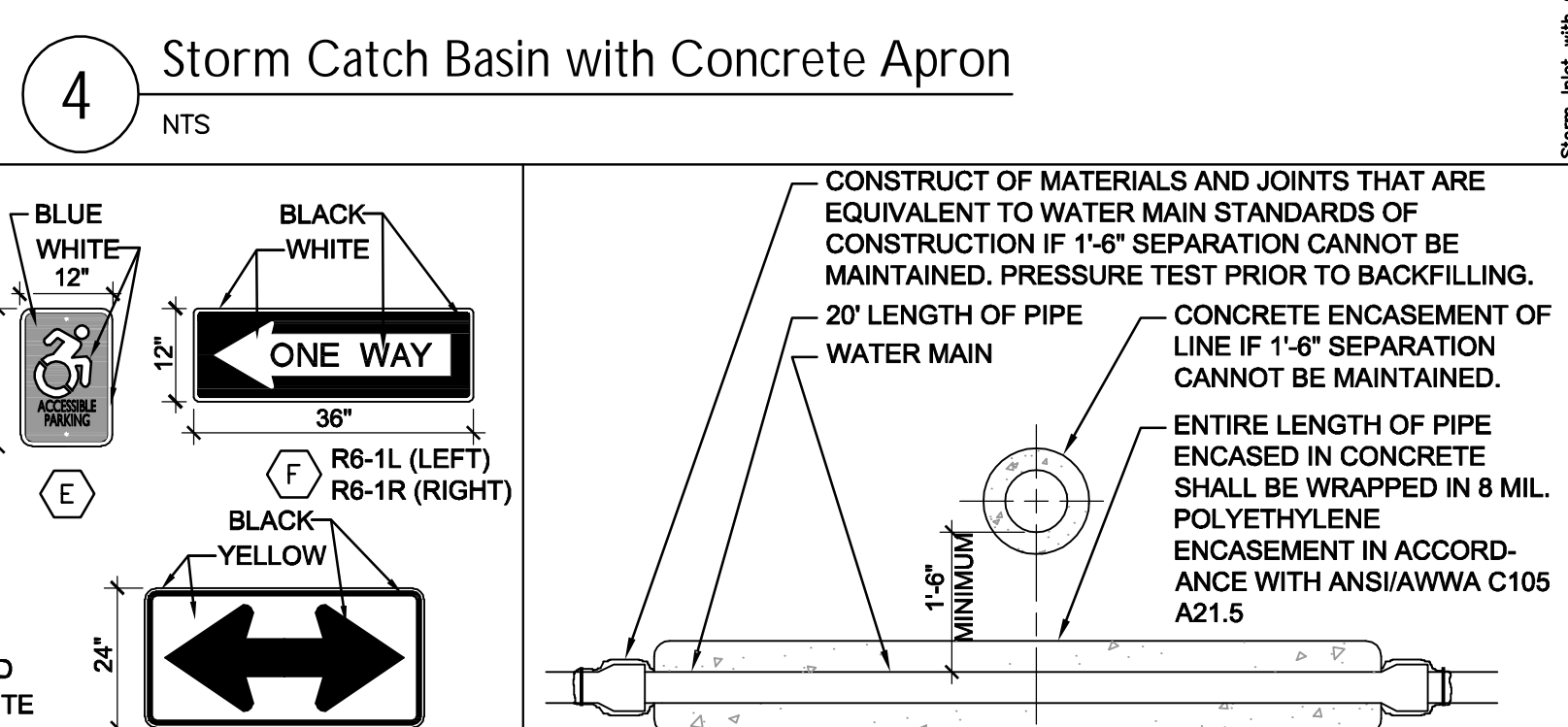
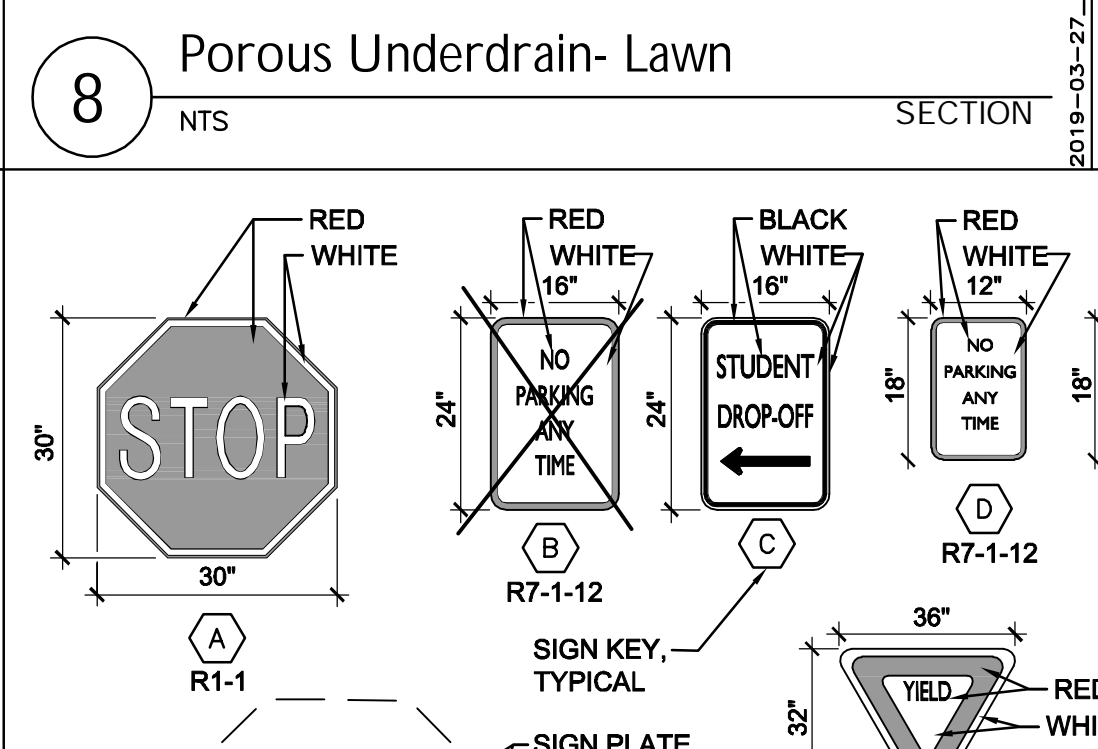
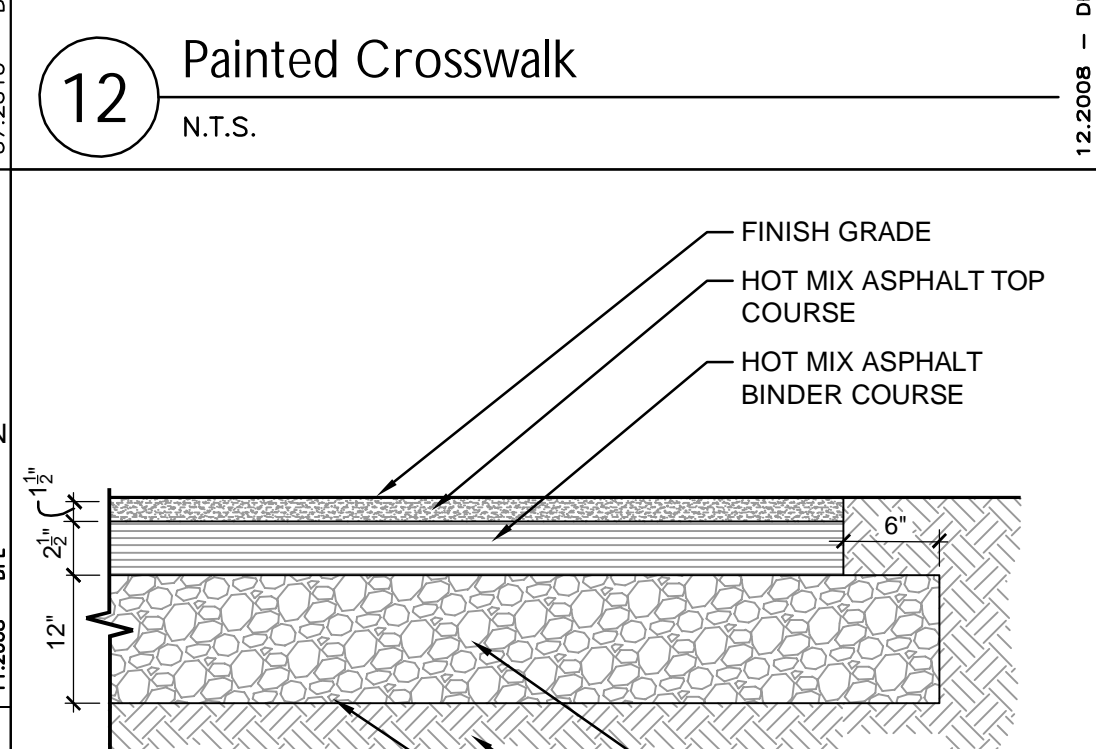
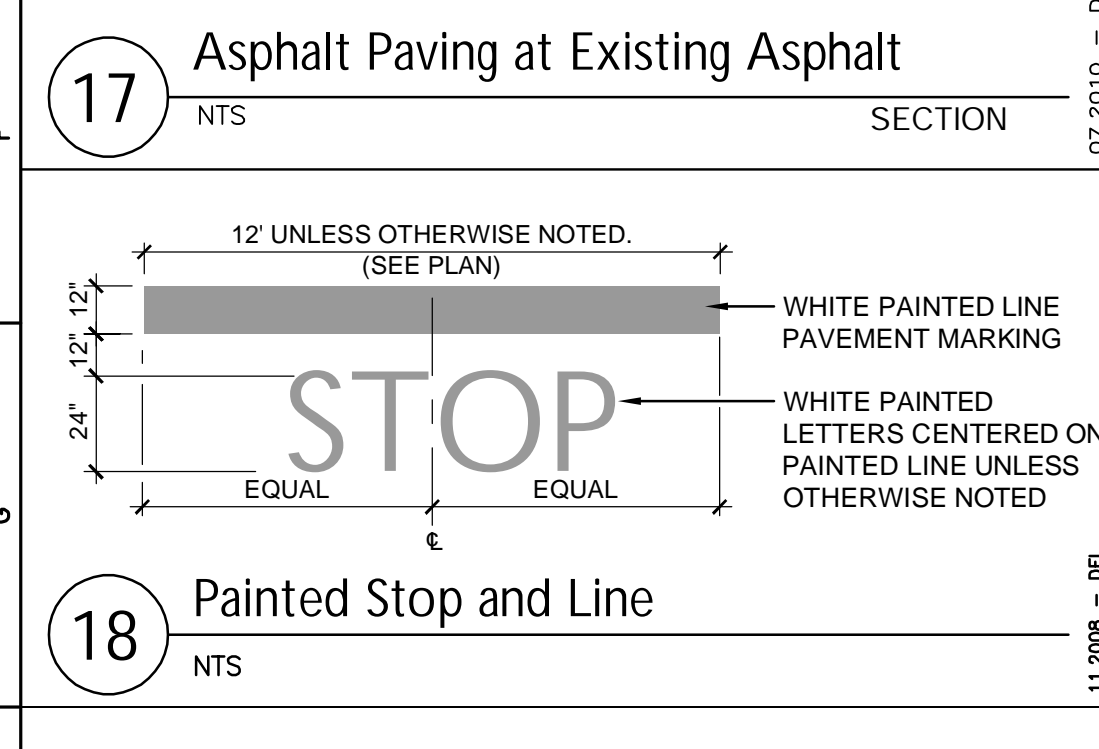
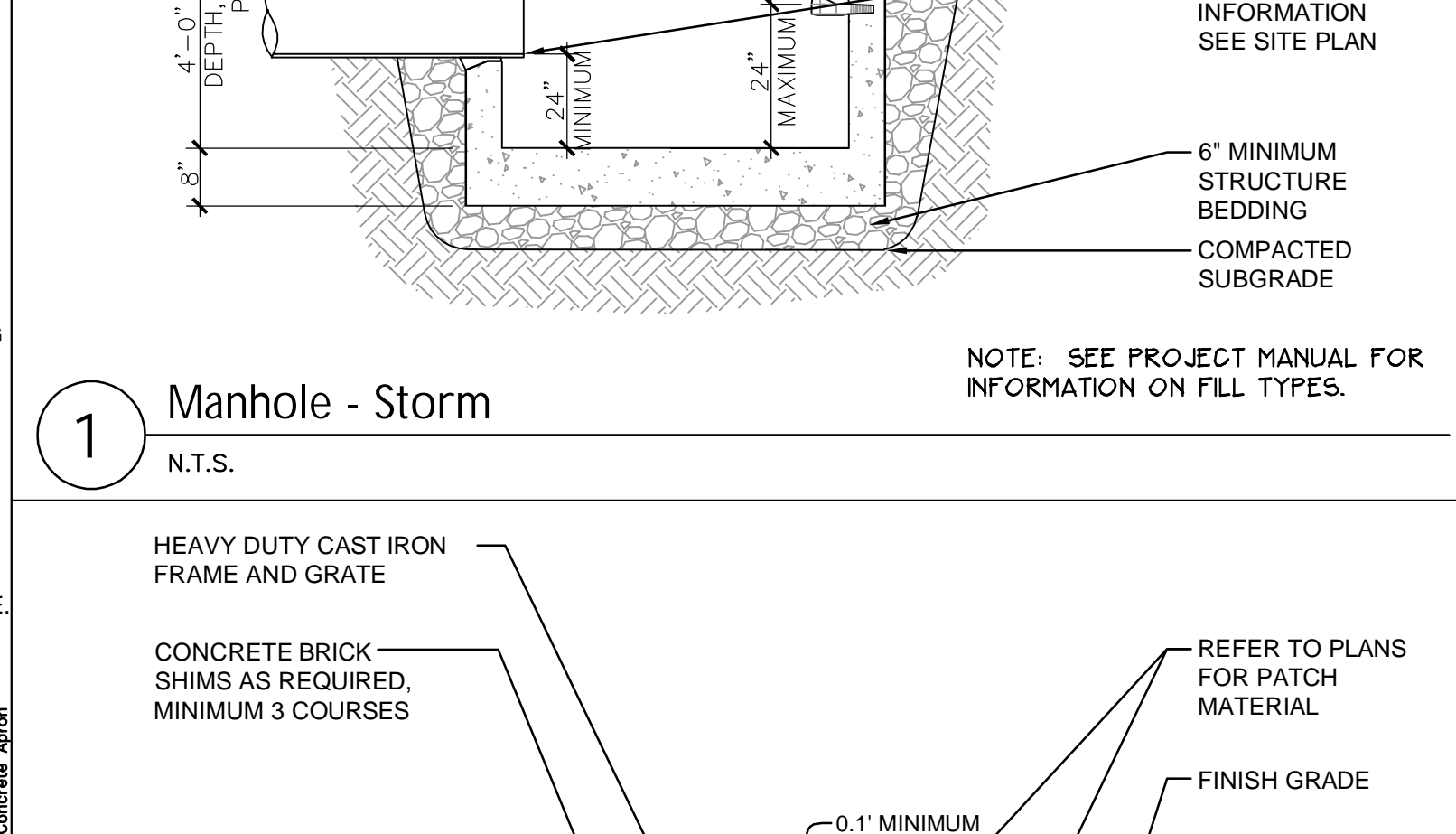
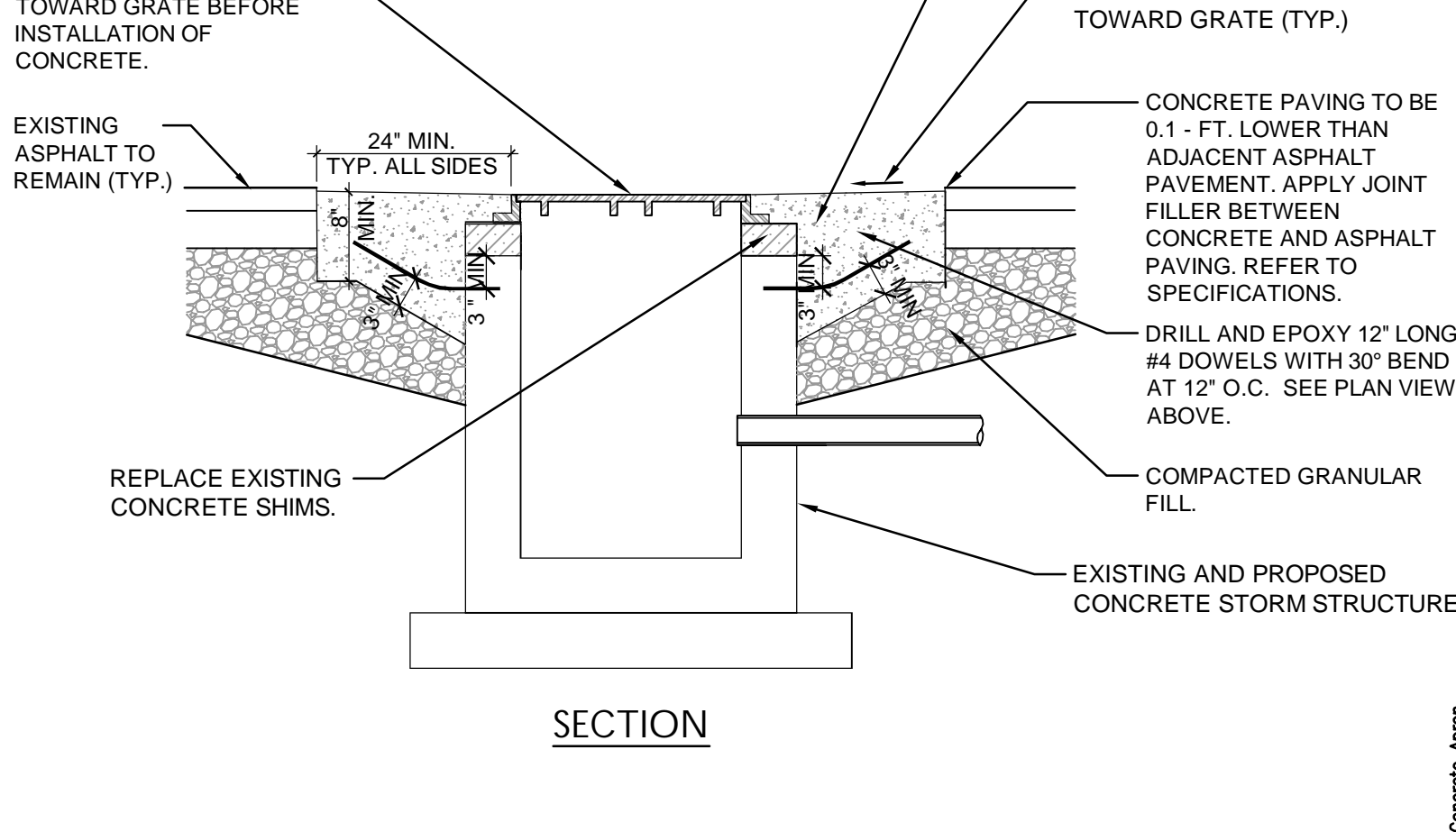
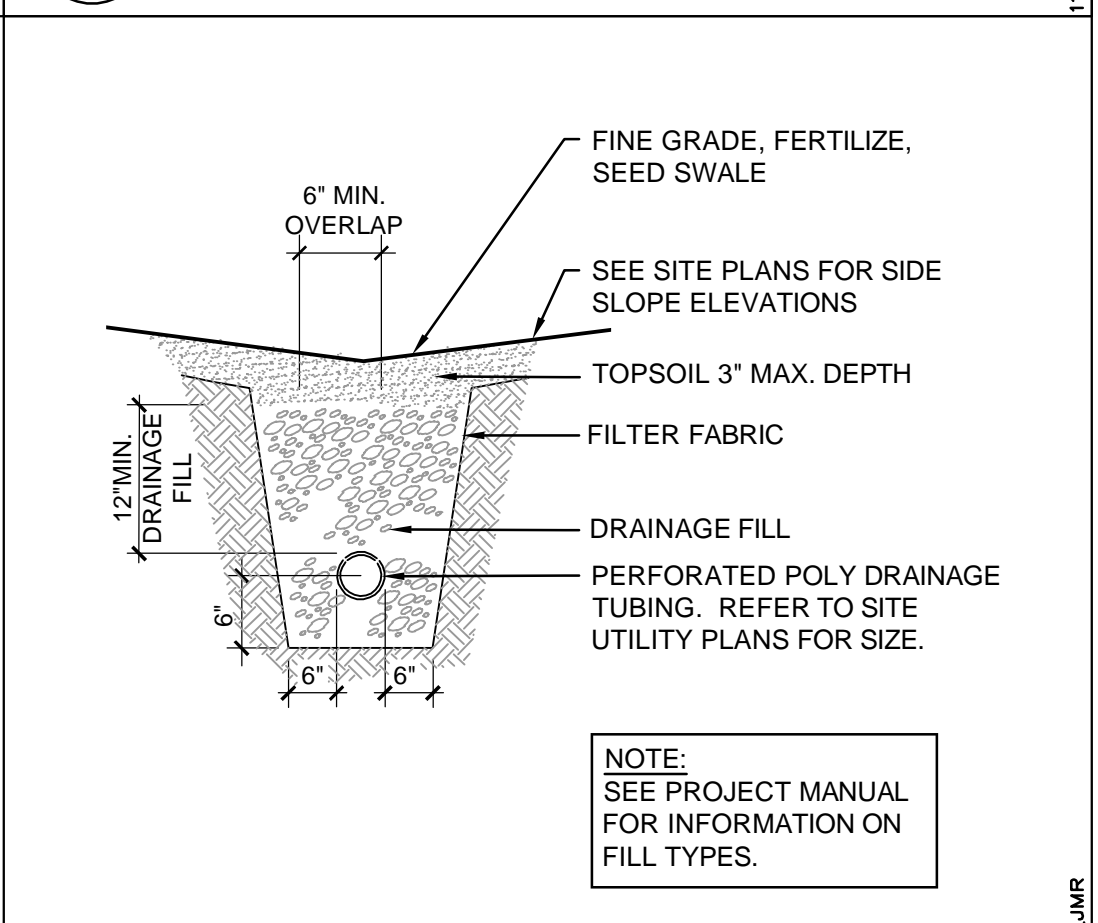
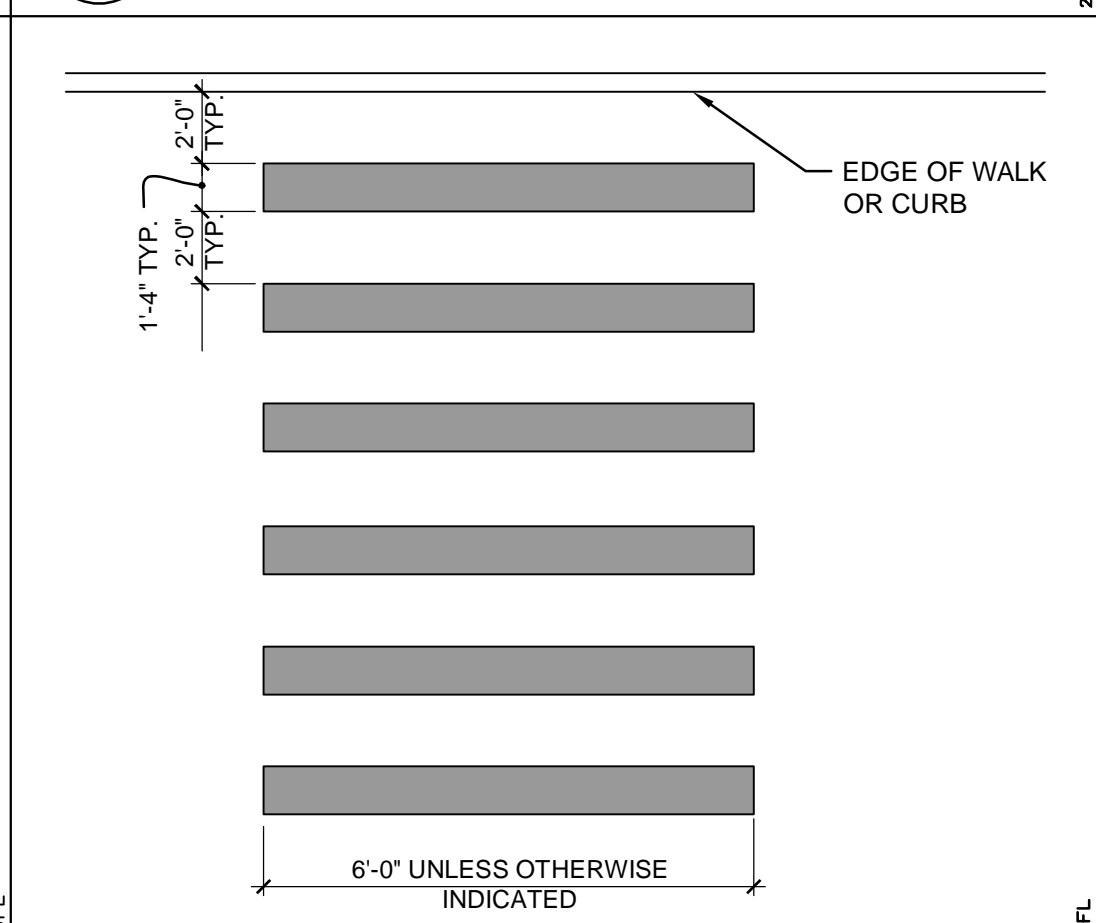
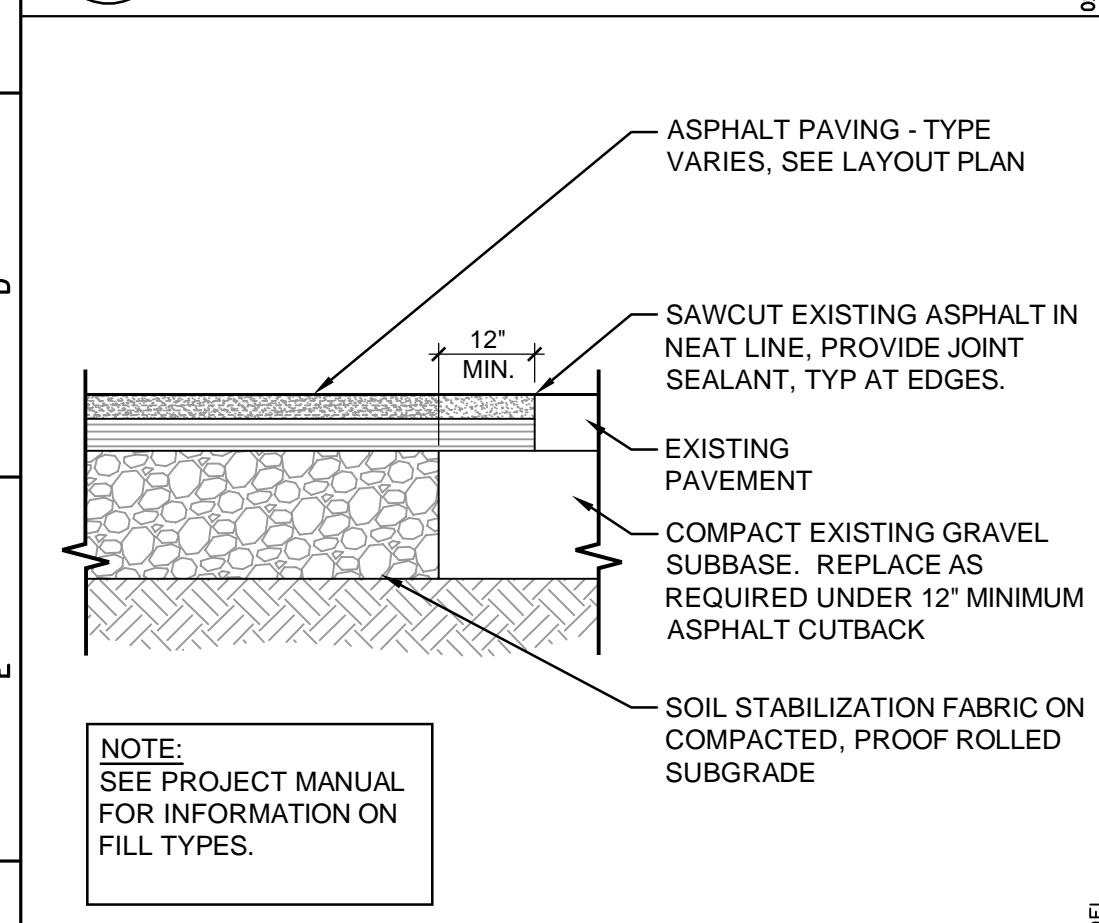
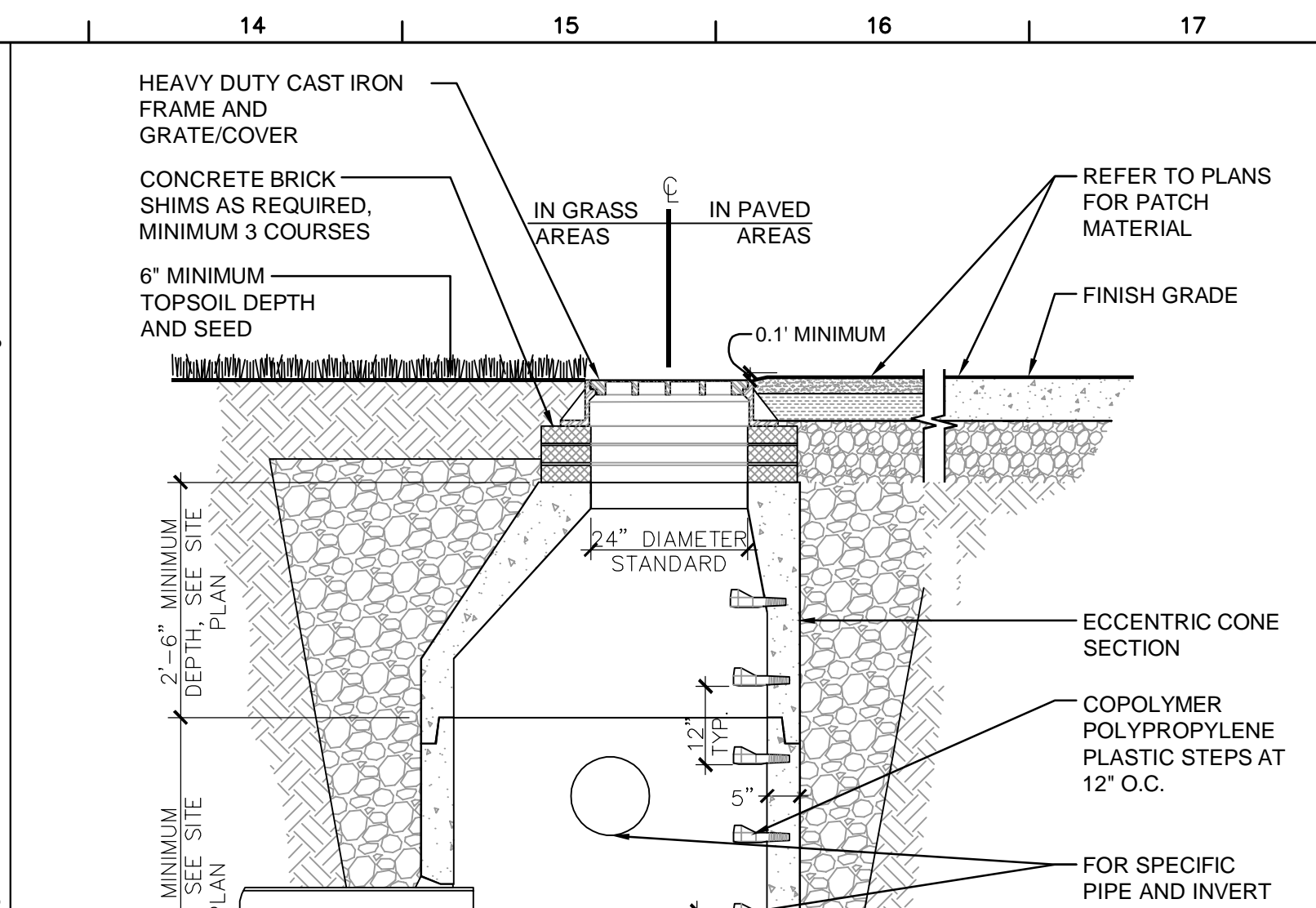
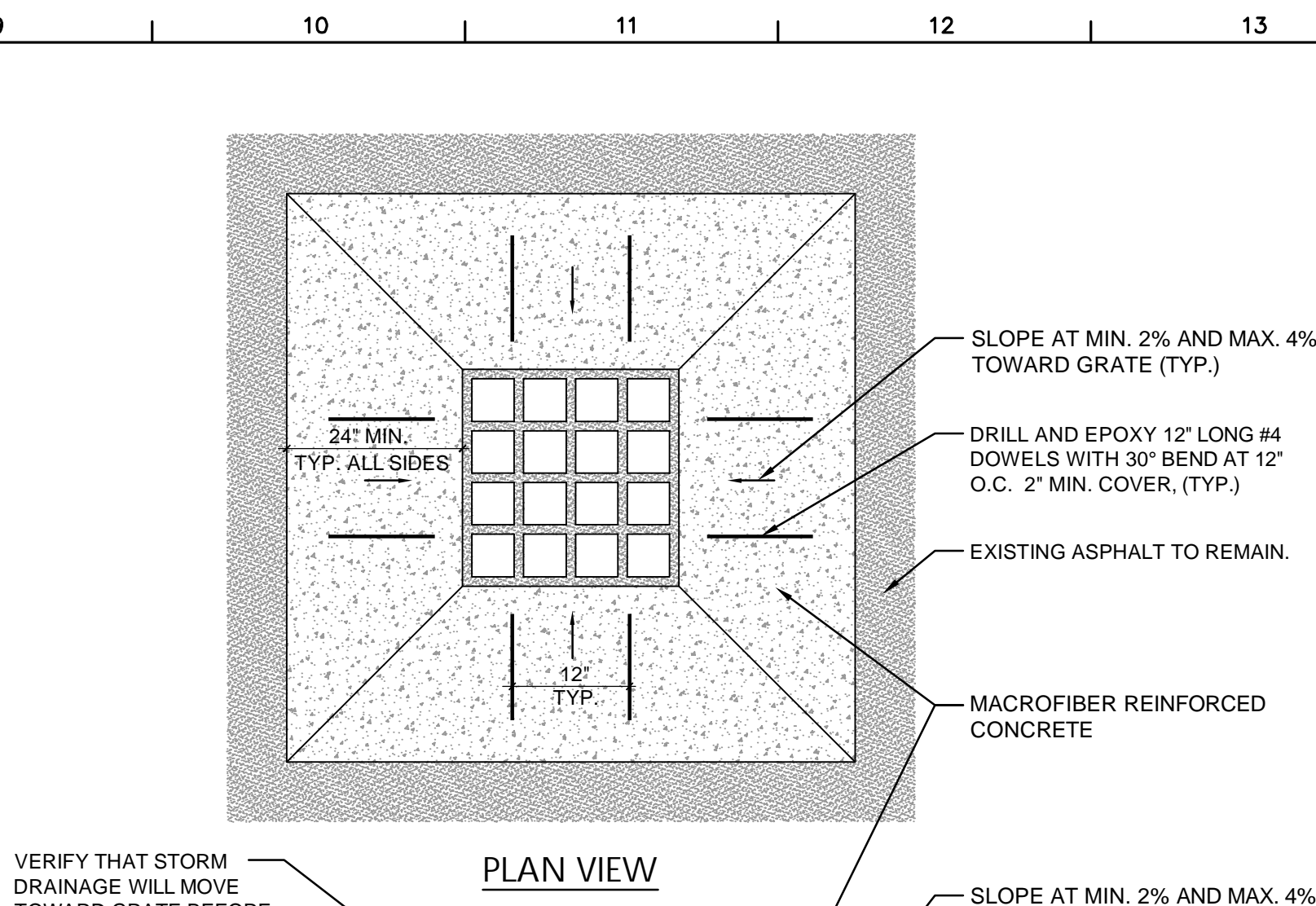
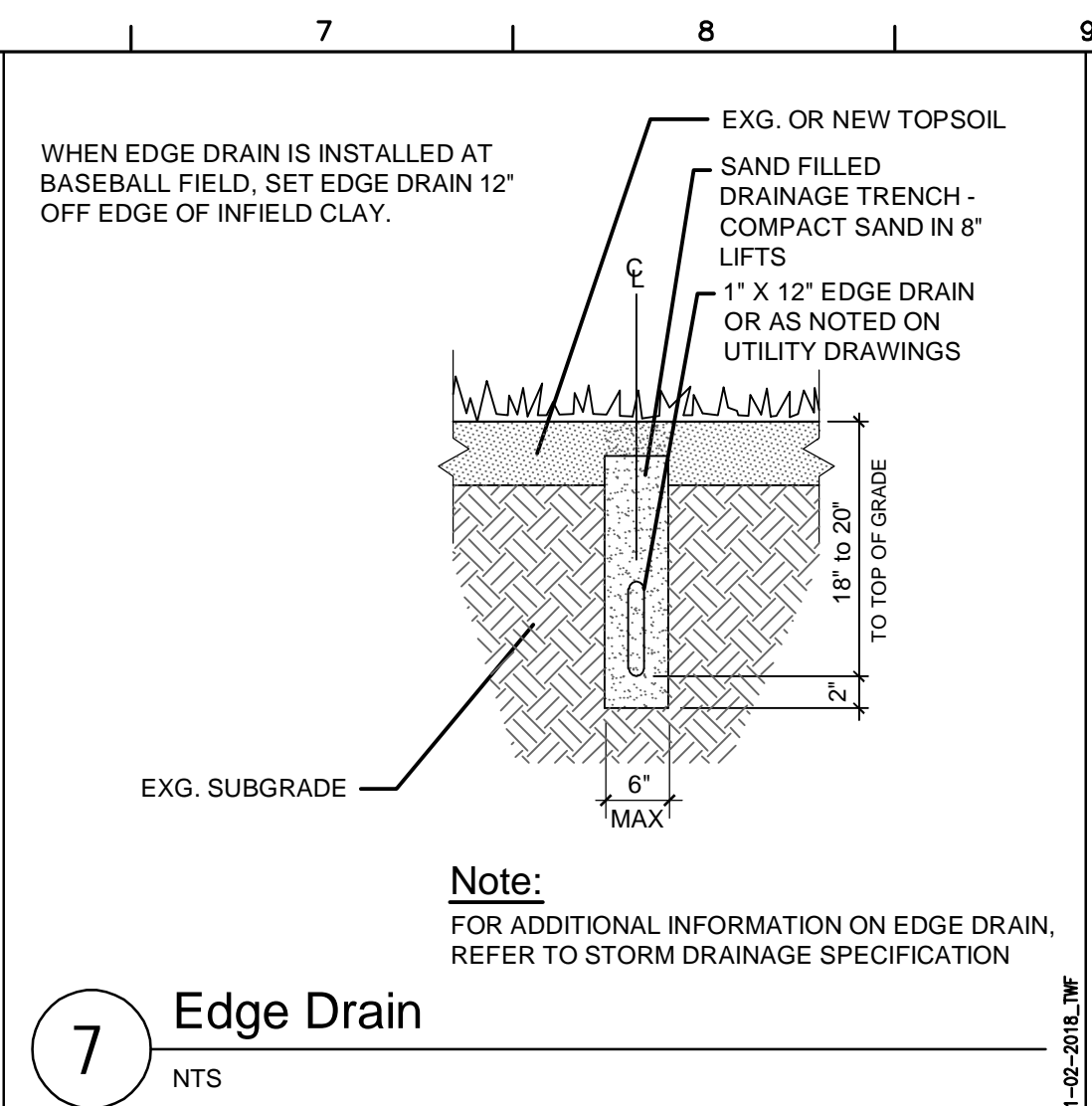
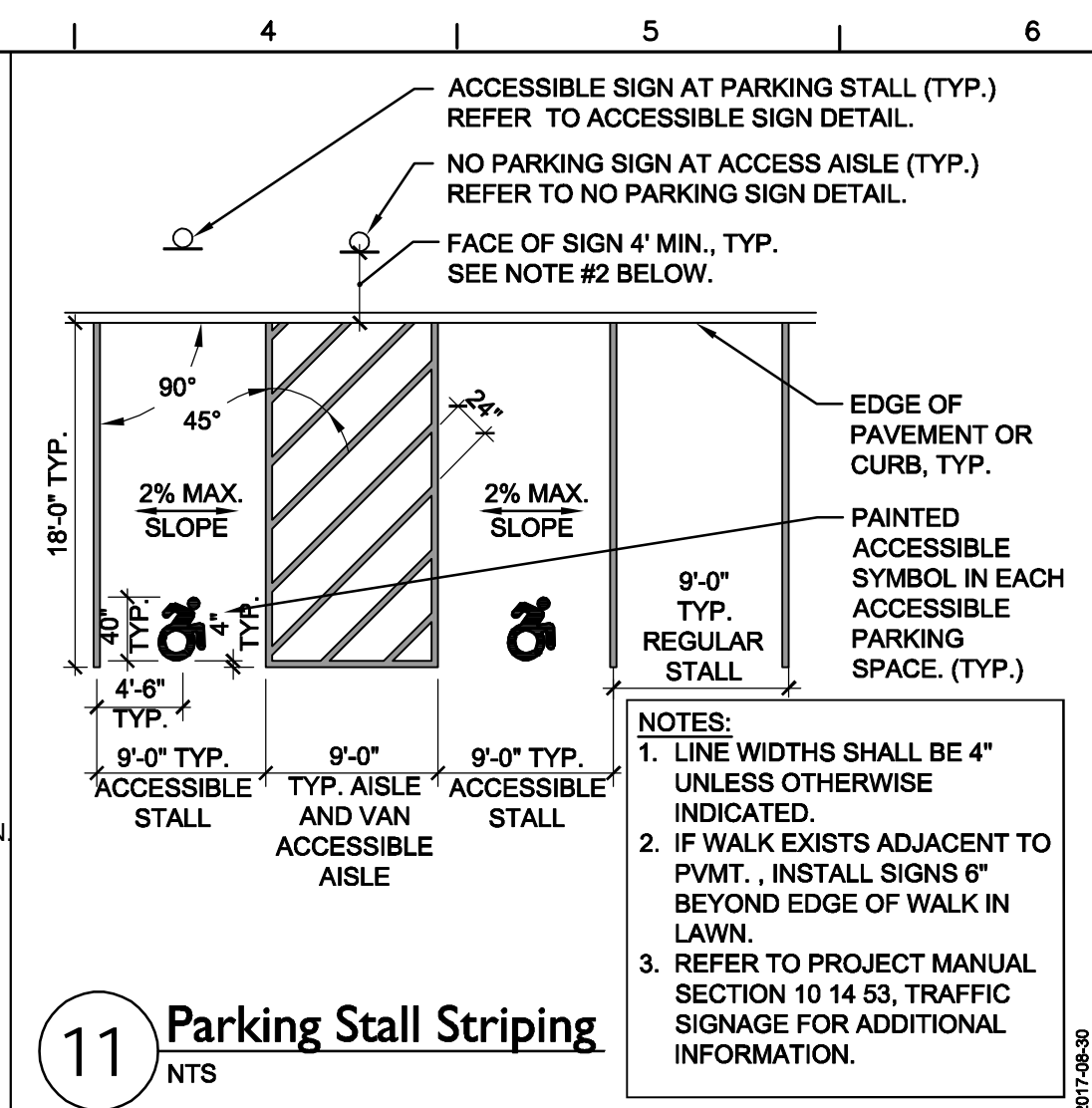
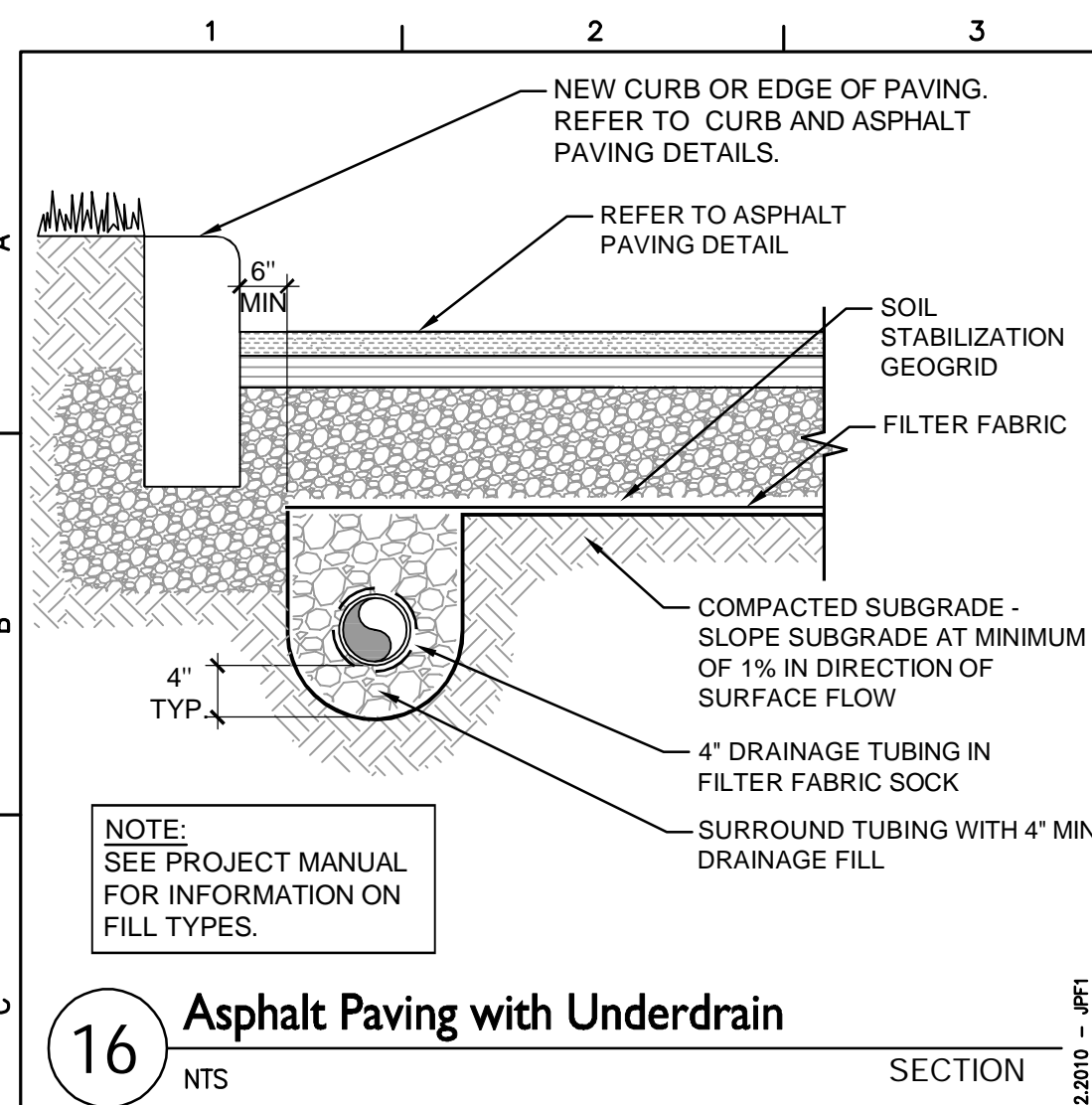


Wallkill Central School District
Wallkill, New York

Reconstruction to:
Wallkill Senior High School

Site Utility Plan - Area E

Drawn by: J.L.P.	Date: 11/4/2022	Drawing No.:
Project No.:	AC144	
17597-22001		



S.E.D. Control No. 62-18-01-06-0-007-018

Rev. No.	Date	Description

WALLKILL
CENTRAL SCHOOL DISTRICT

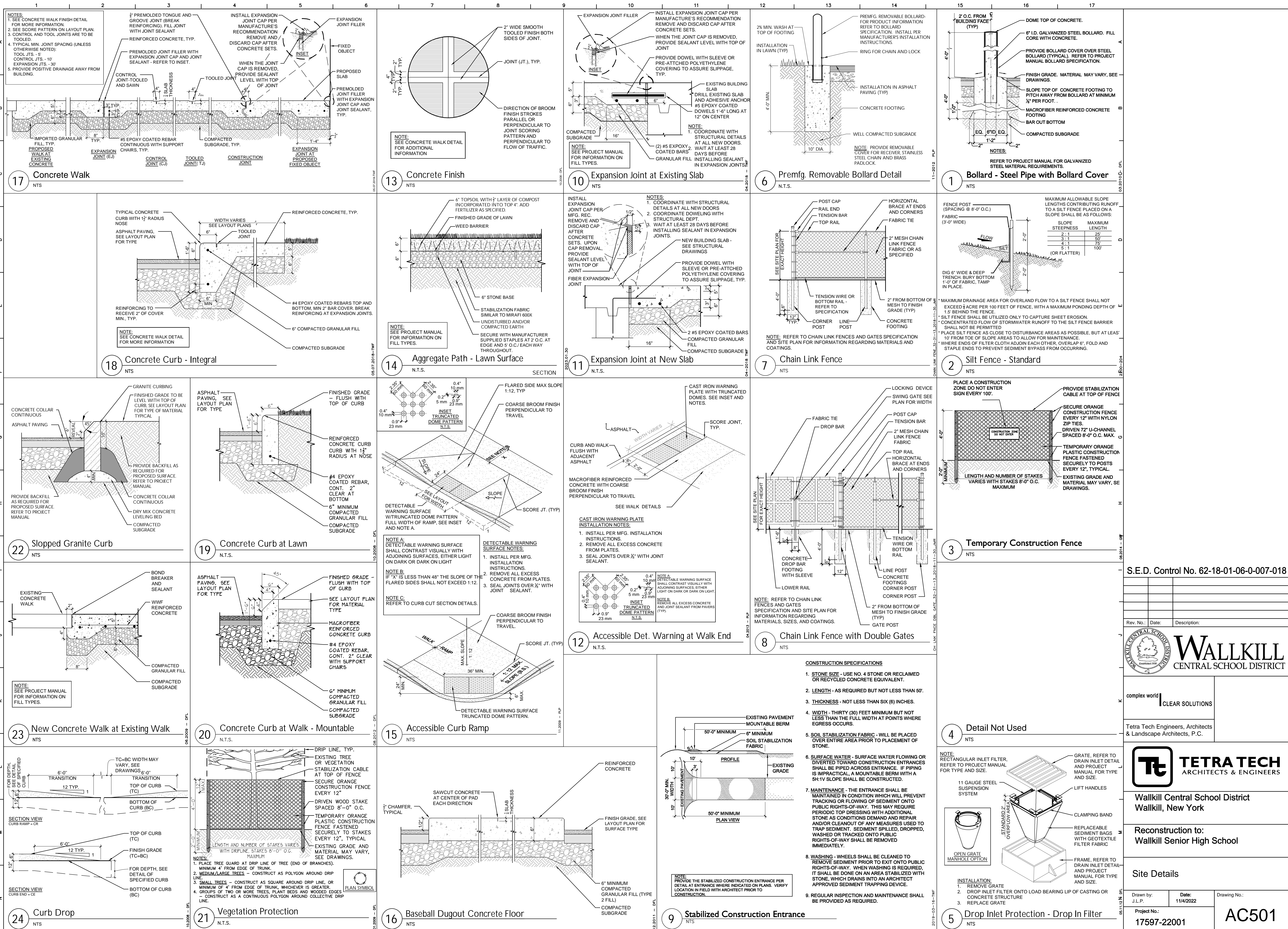
TETRA TECH
ARCHITECTS & ENGINEERS

Walkill Central School District
Walkill, New York

Reconstruction to:
Walkill Senior High School

Site Details

Drawn by: J.L.P.	Date: 11/4/2022	Drawing No.:
Project No.:		AC500



S.E.D. Control No. 62-18-01-06-0-007-018

Rev. No.: Date: Description:



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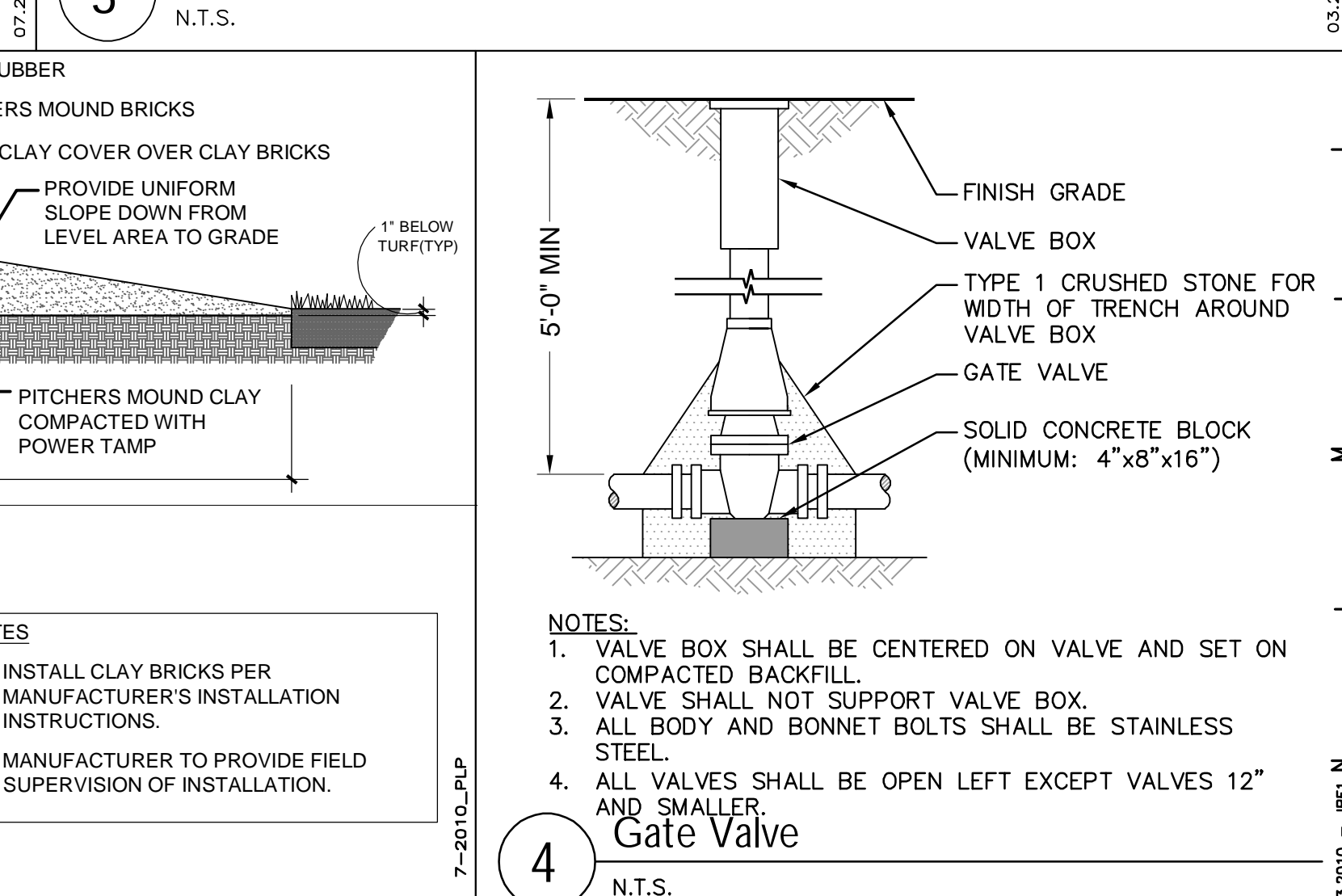
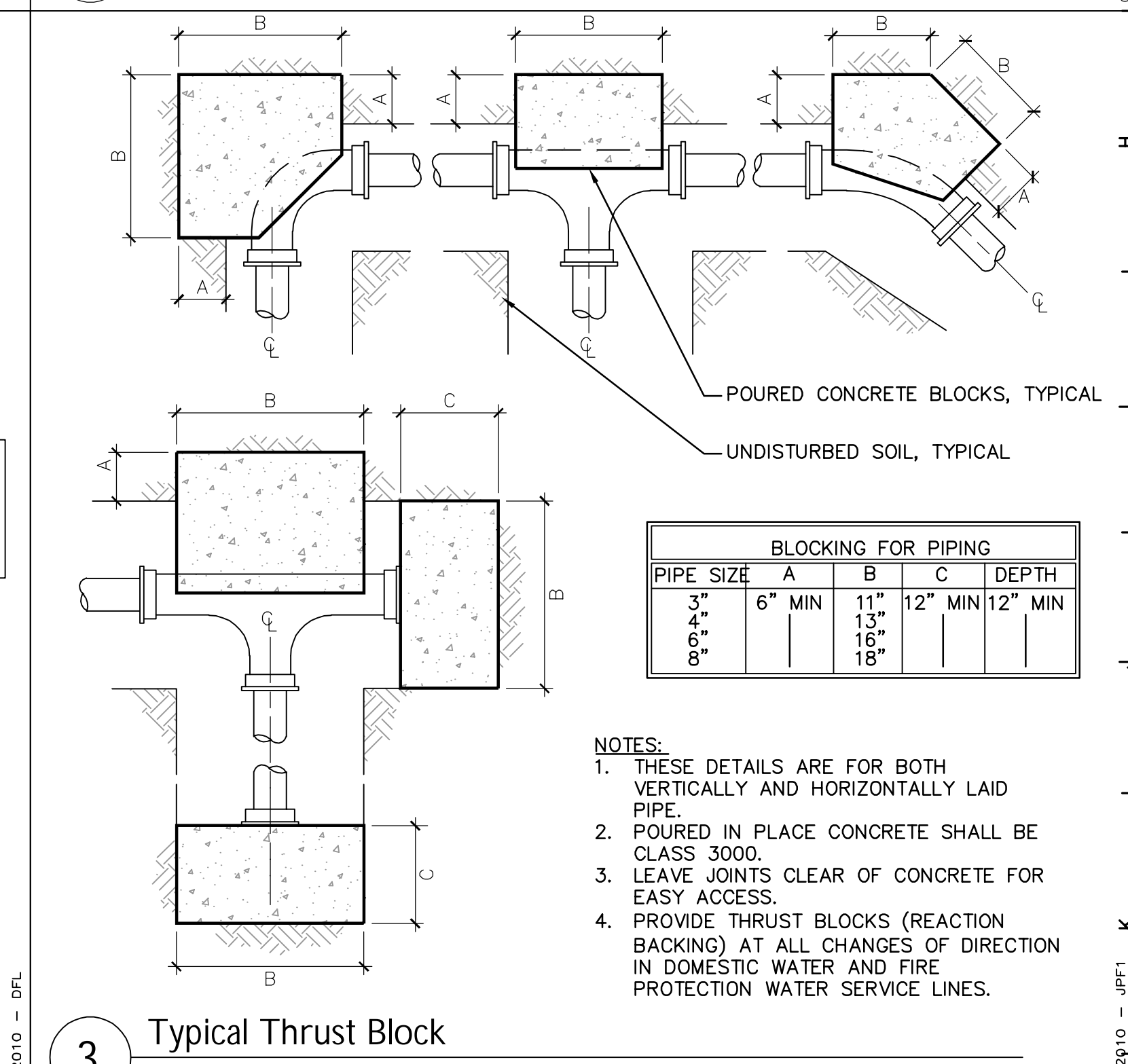
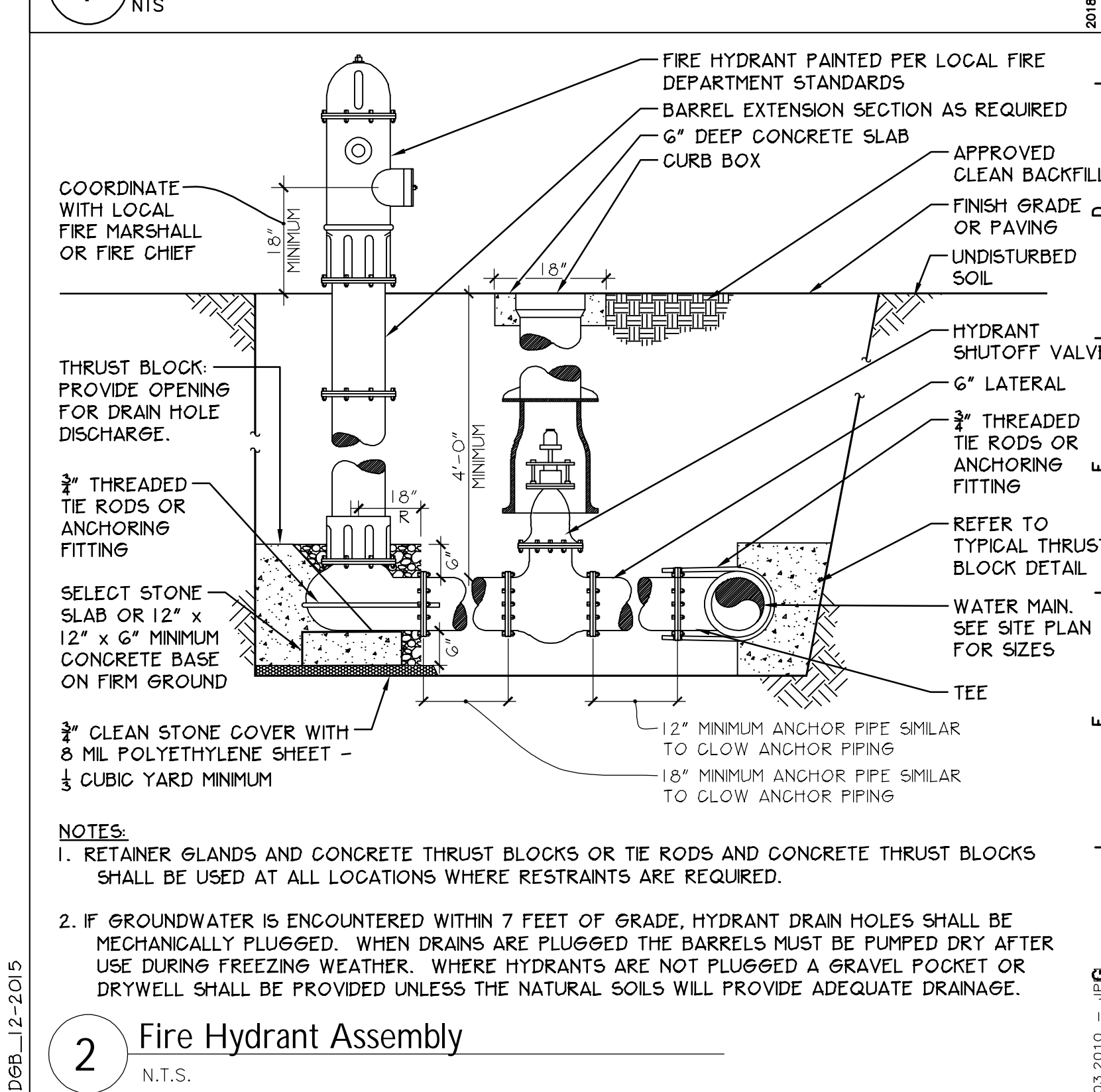
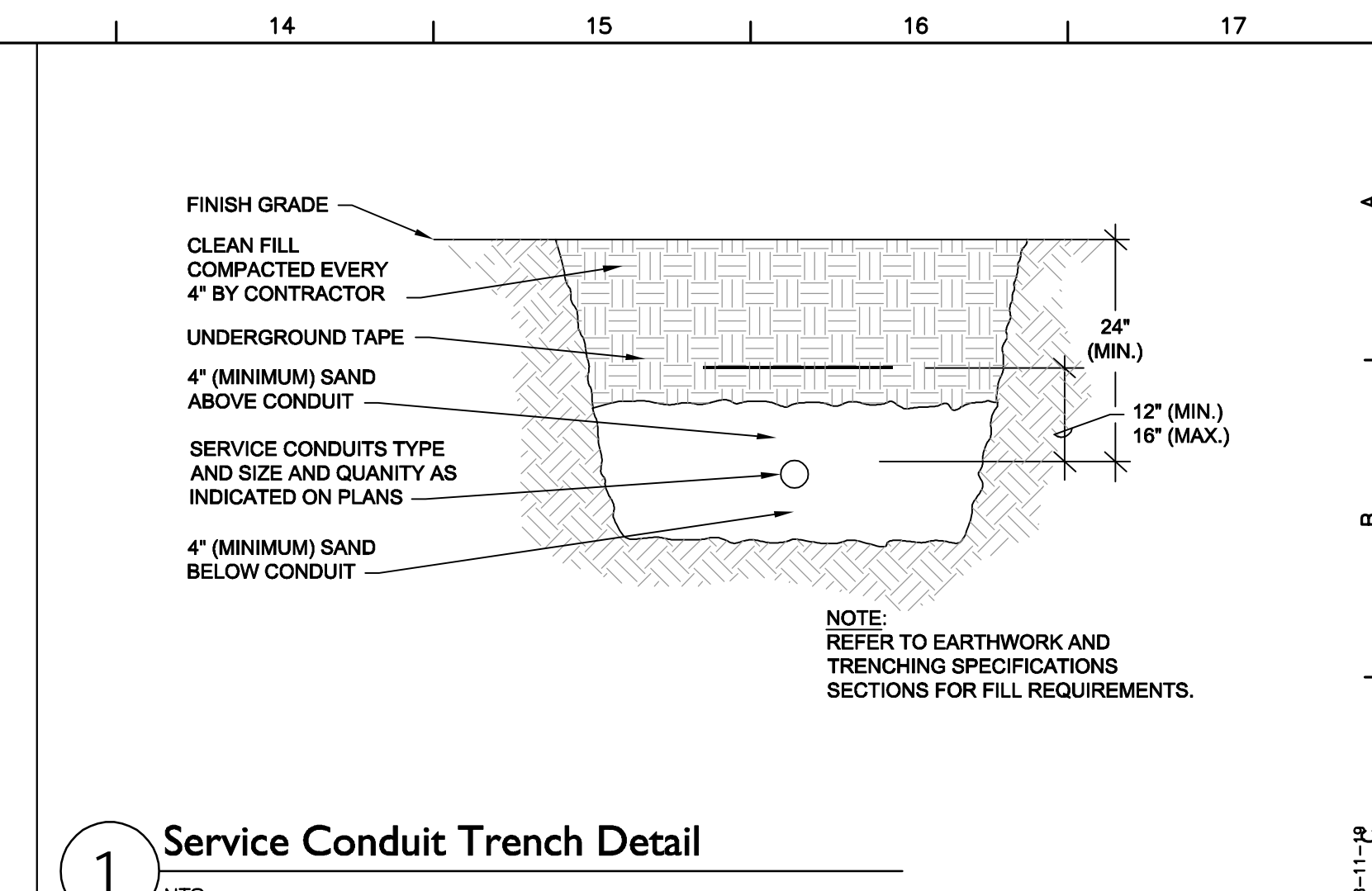
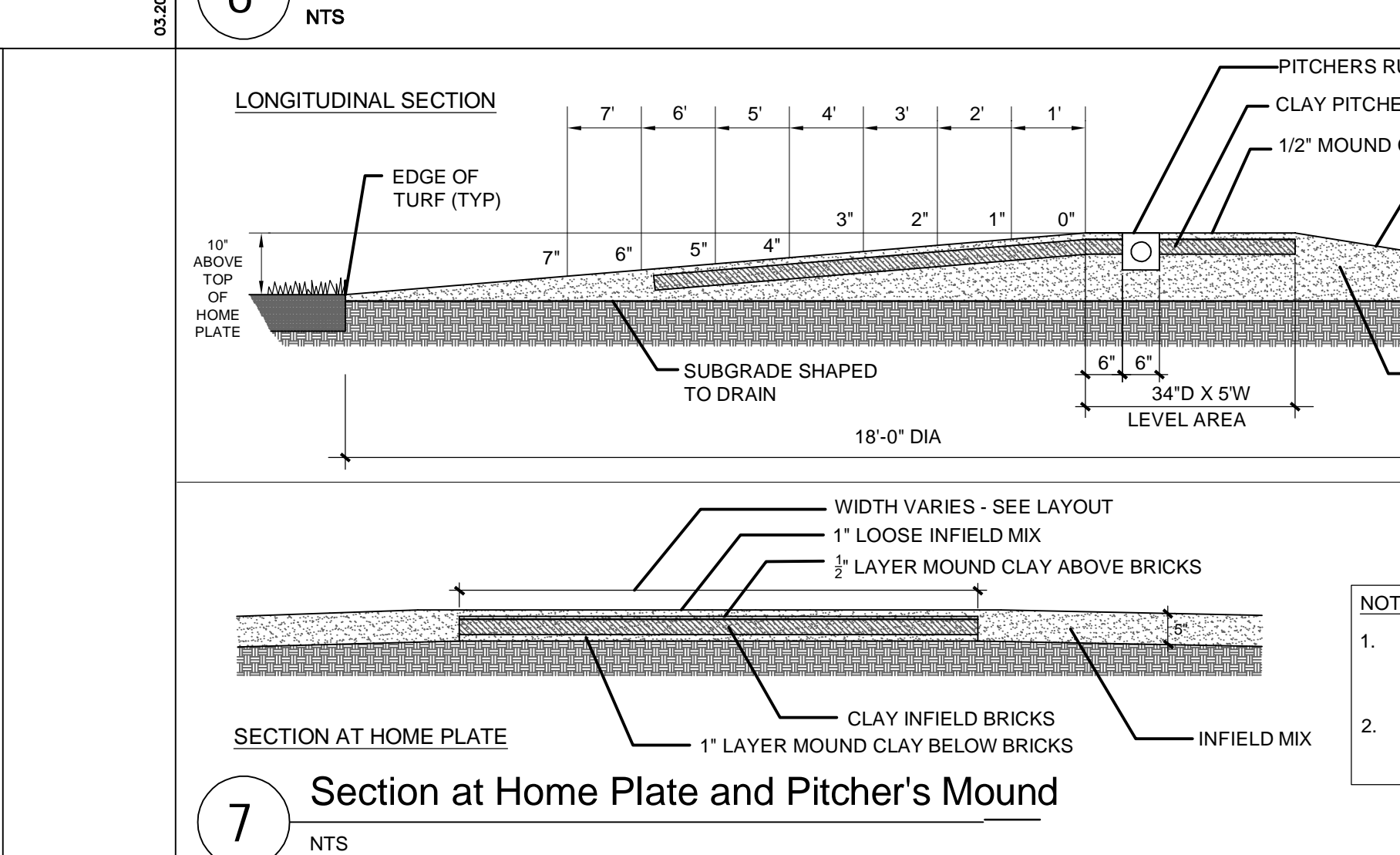
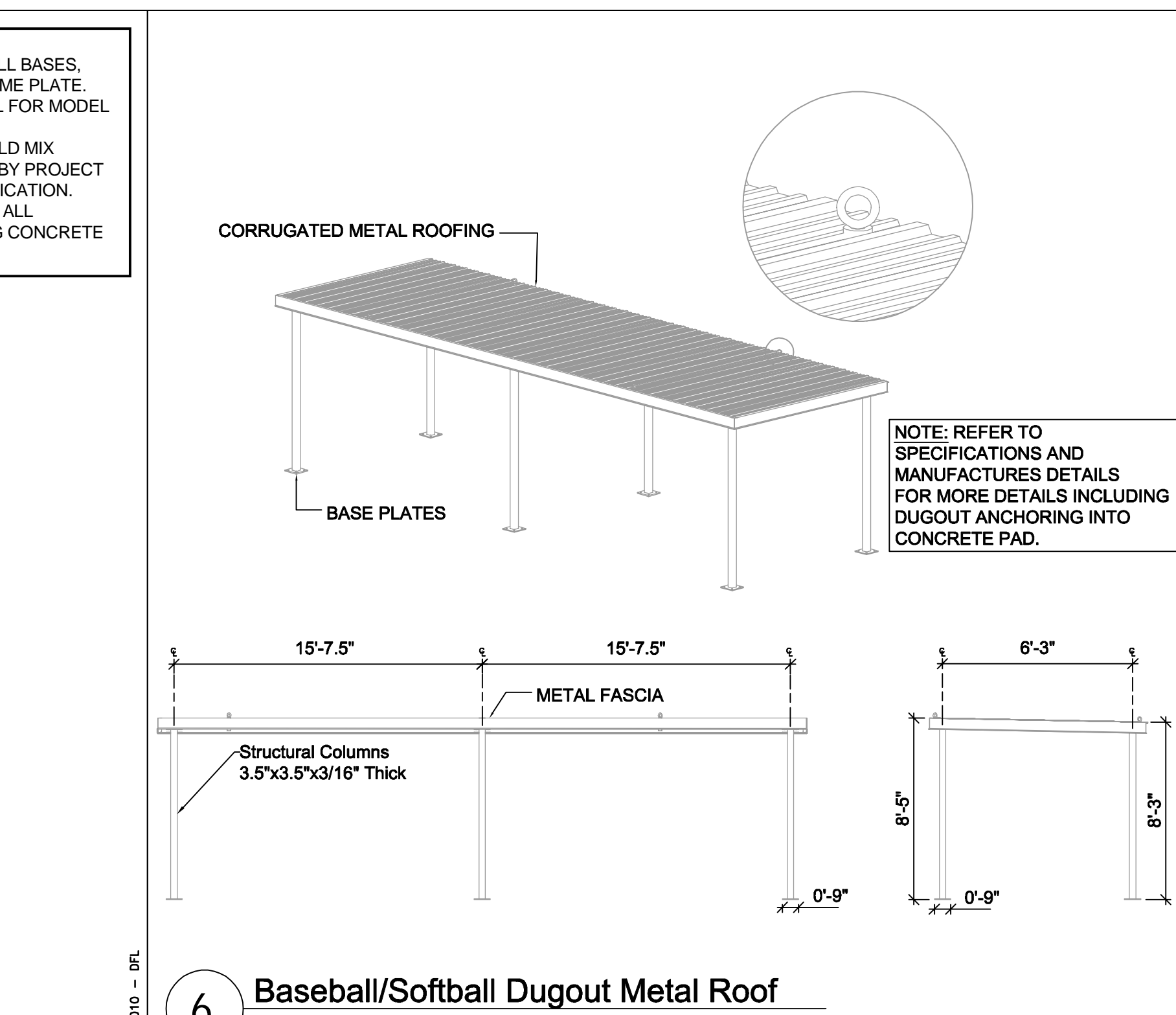
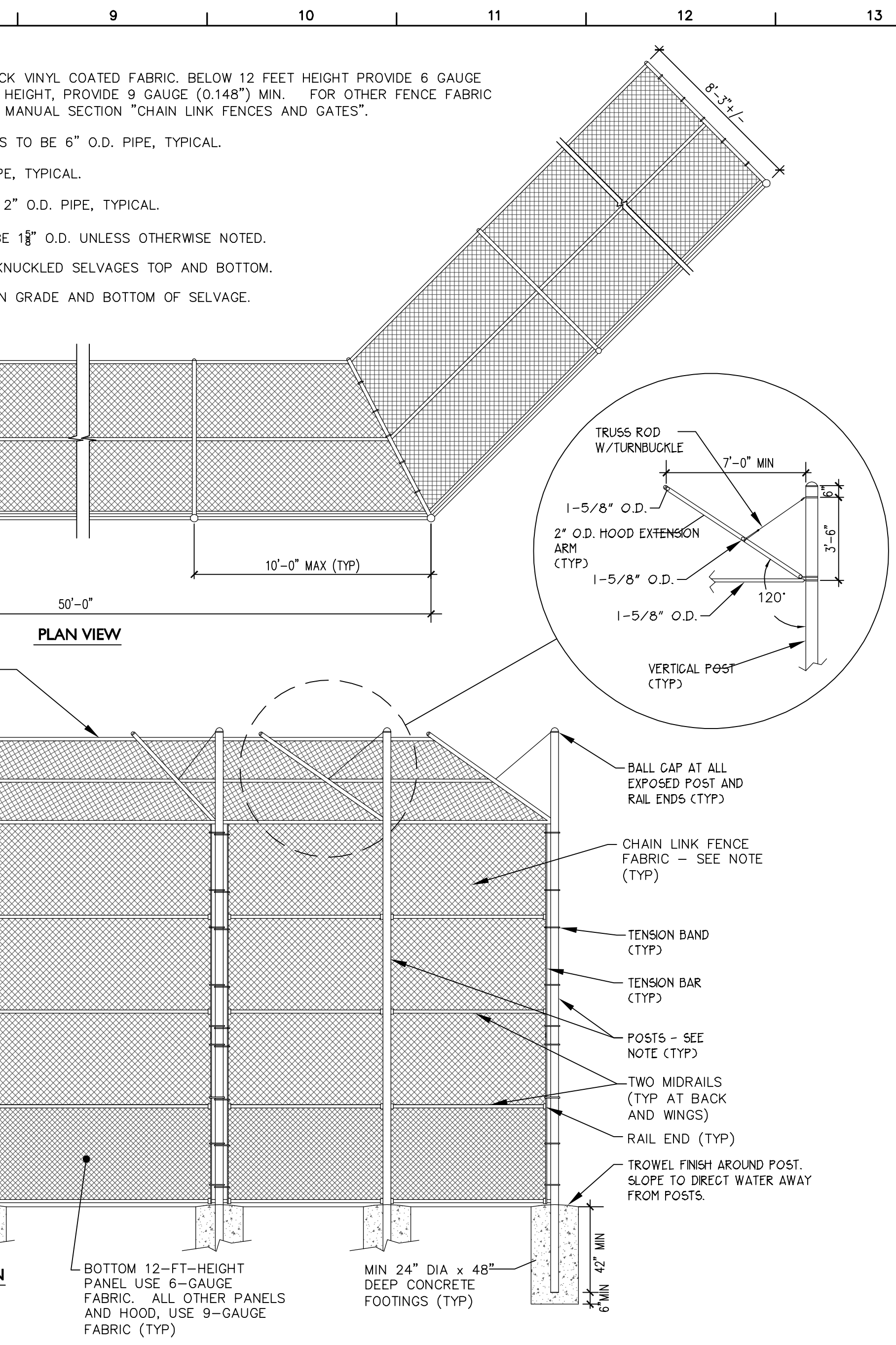
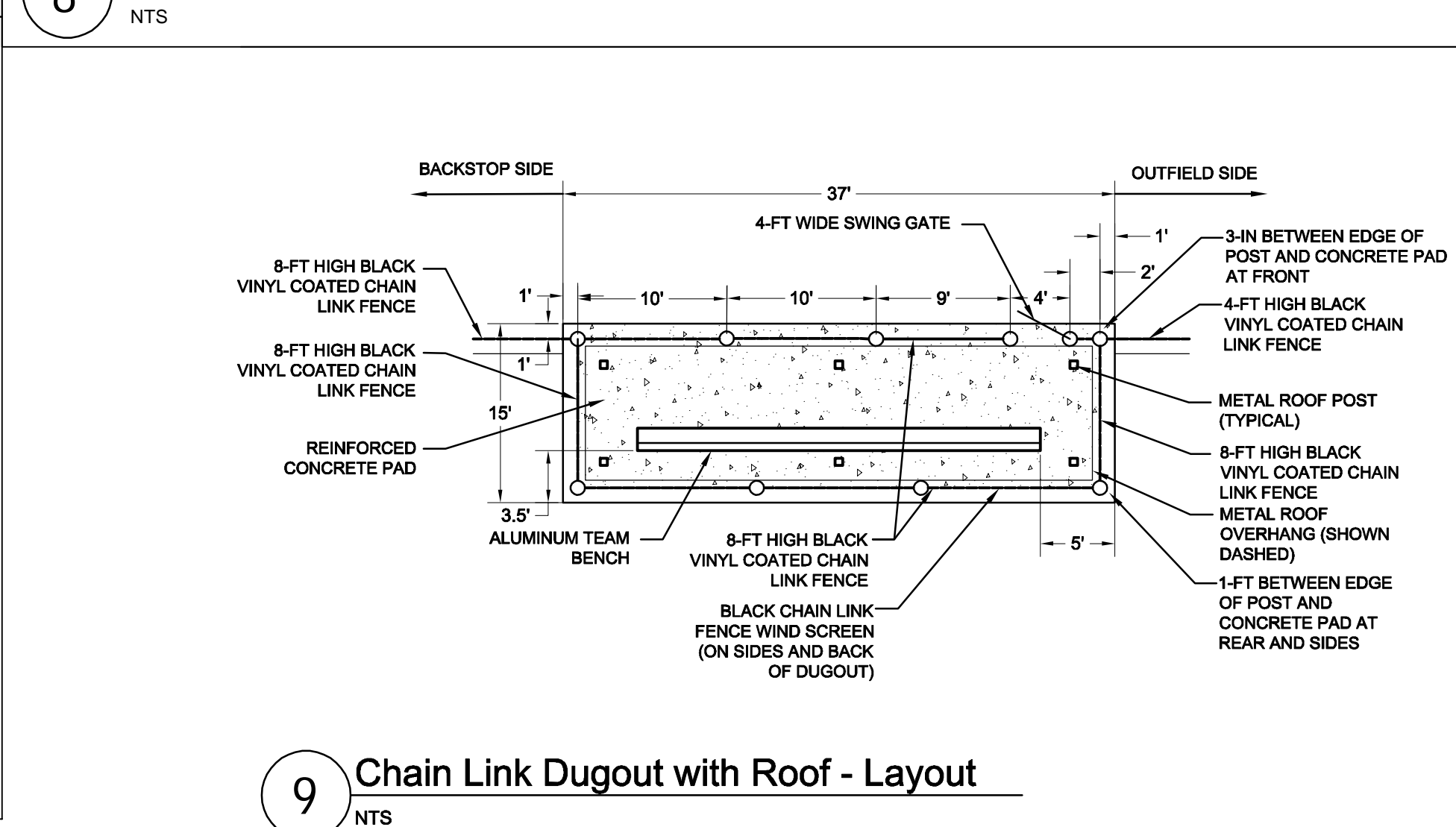
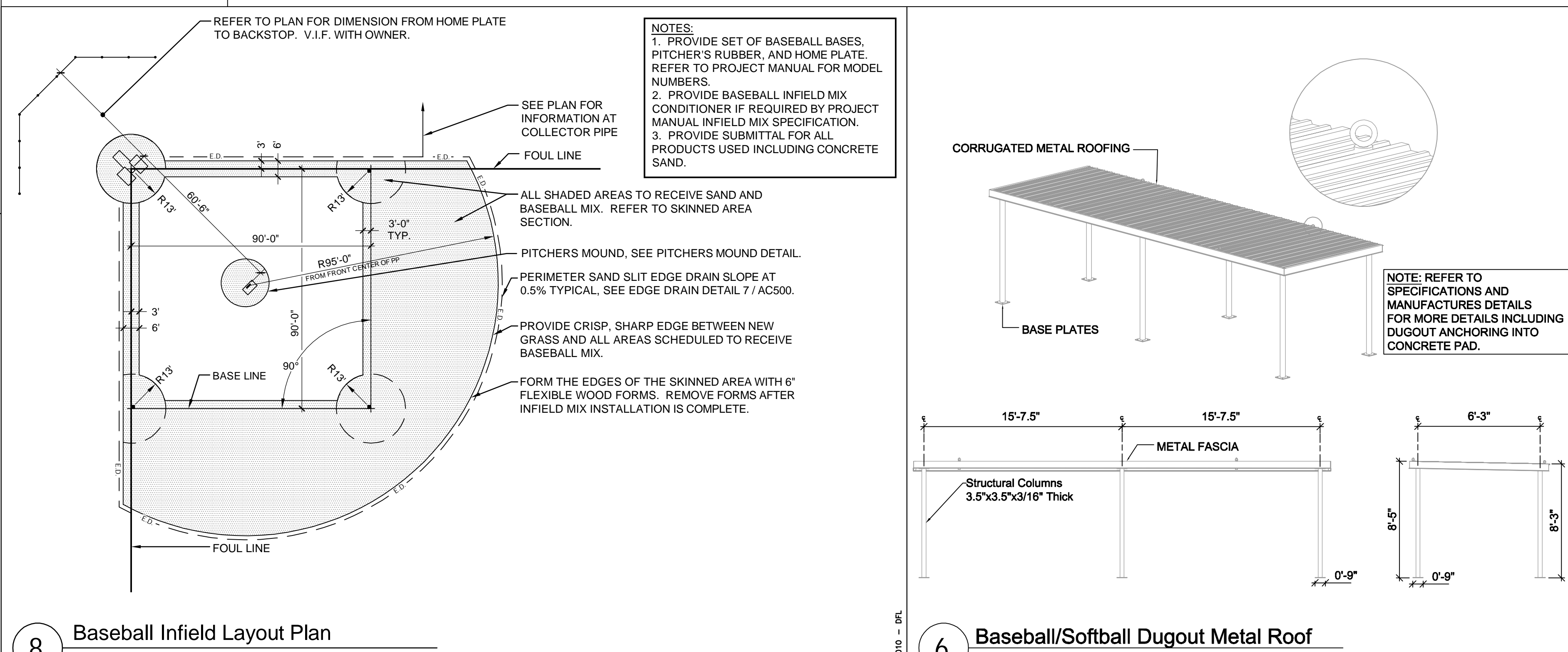
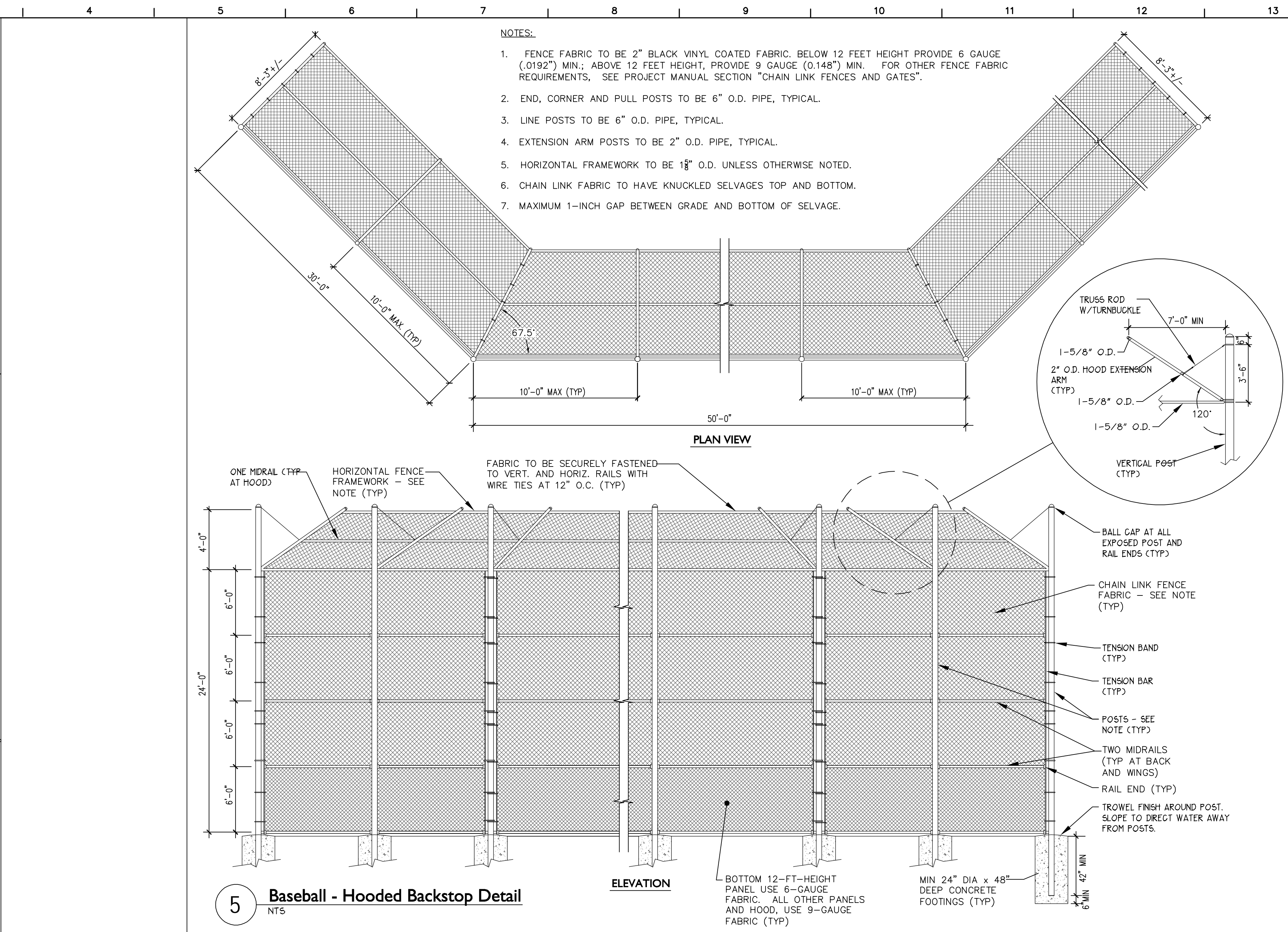
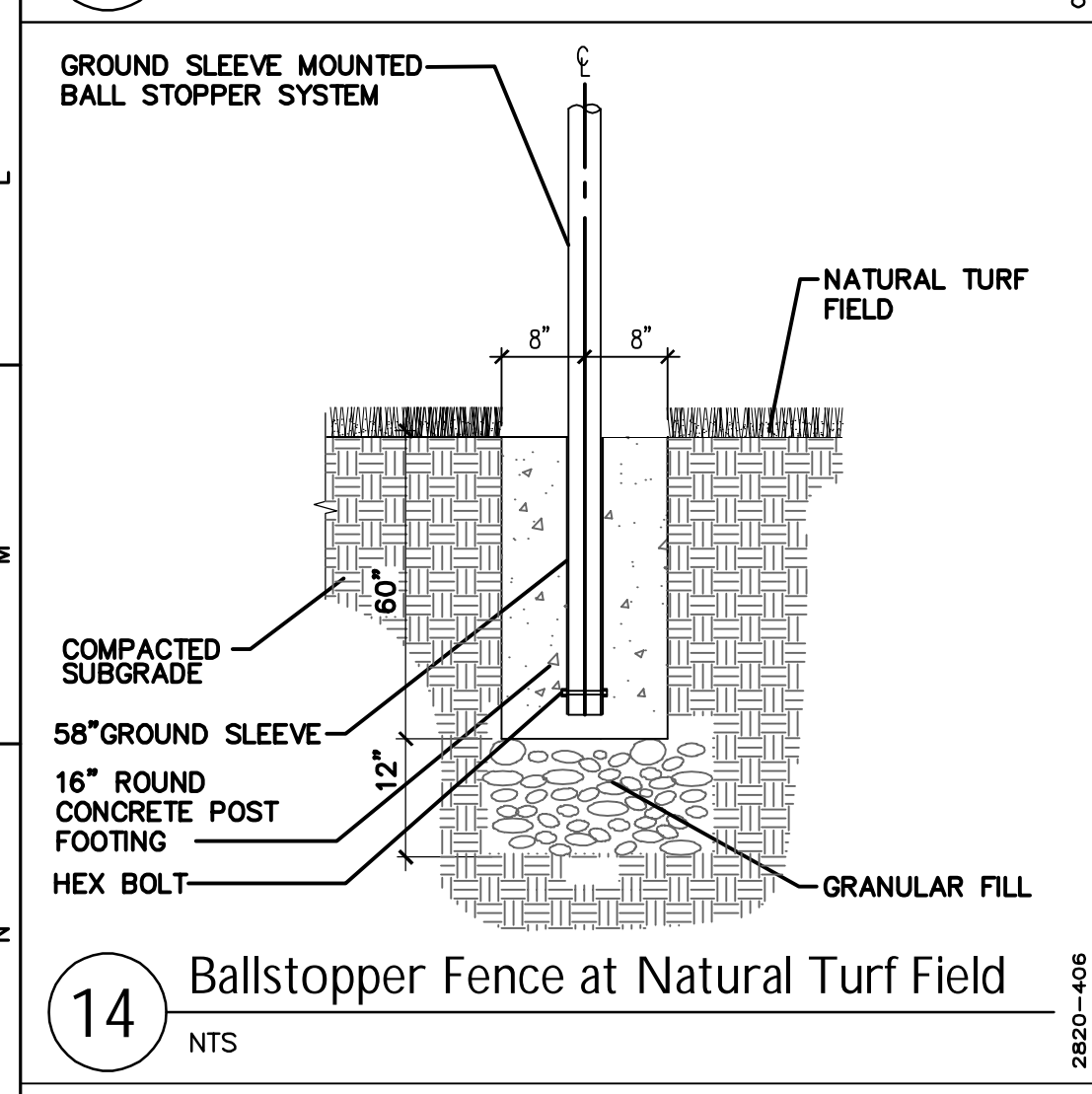
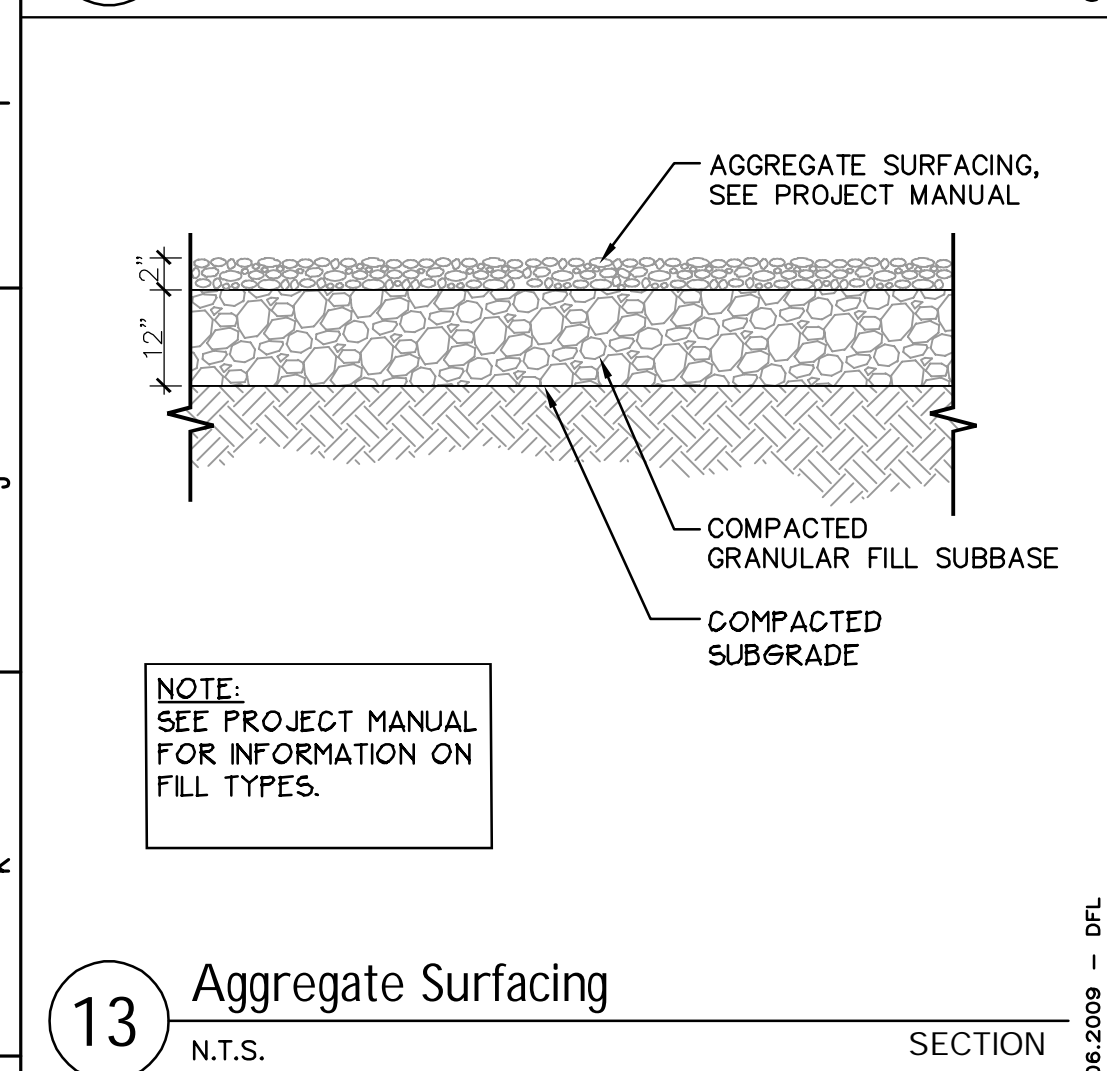
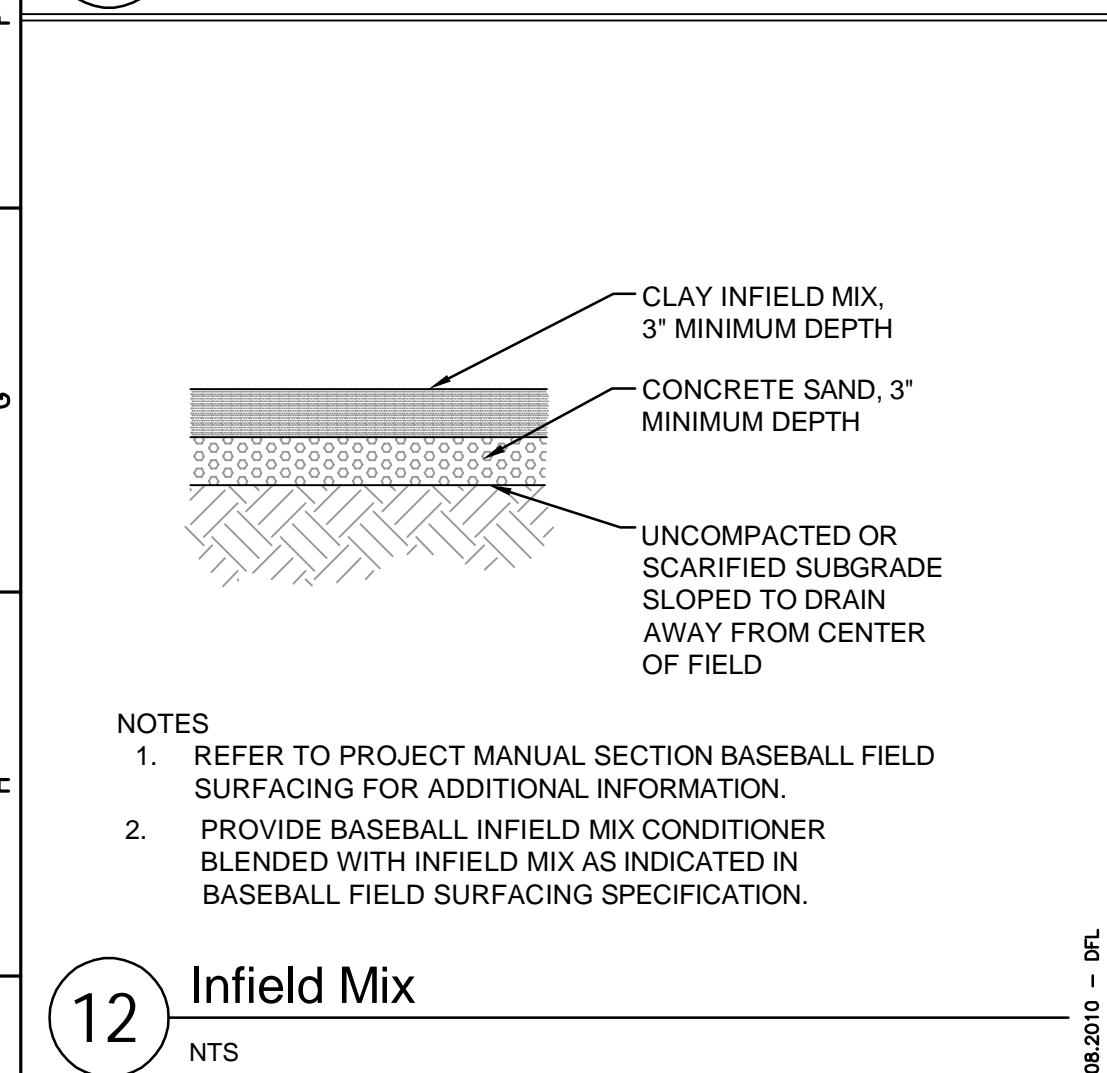
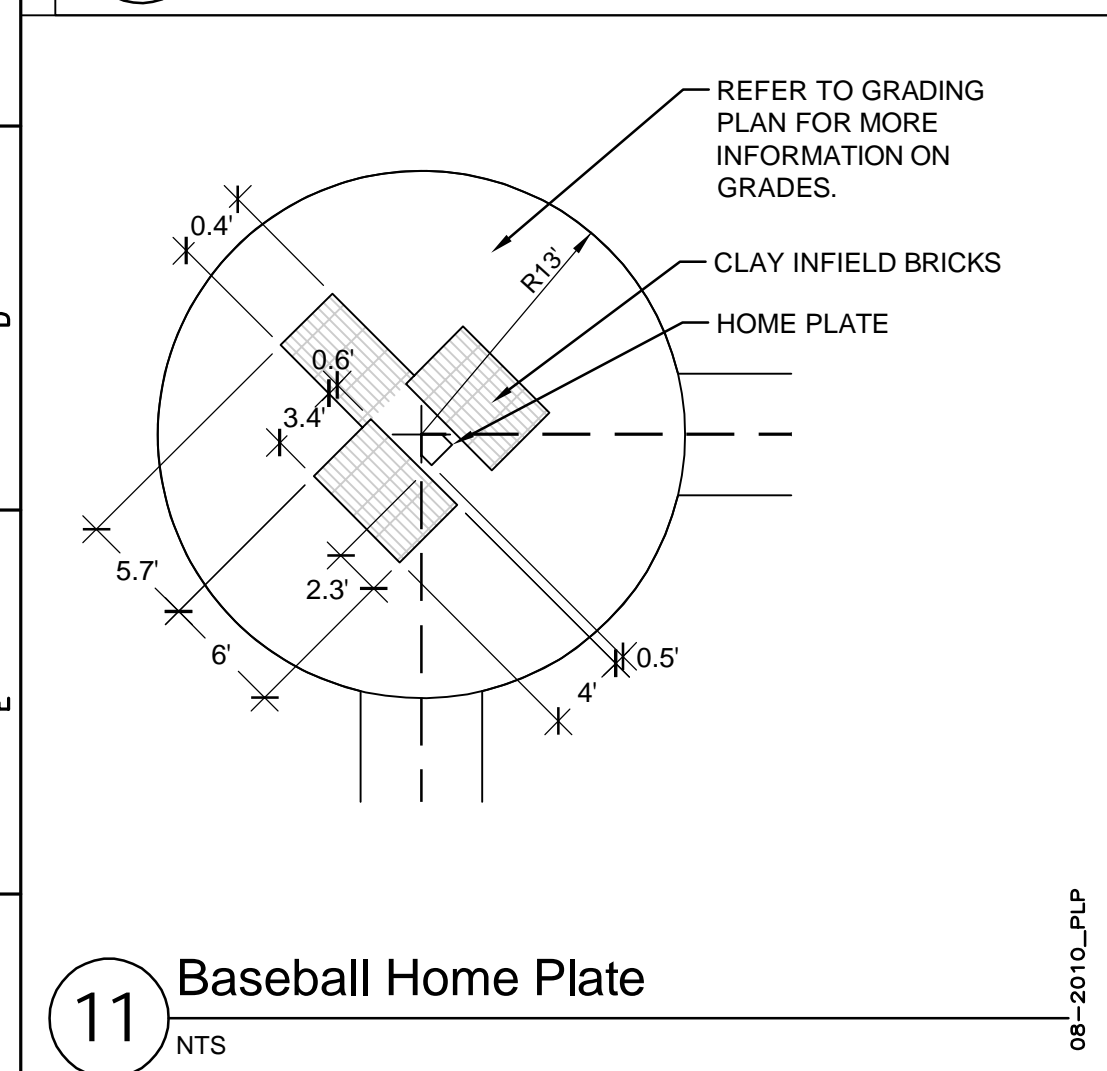
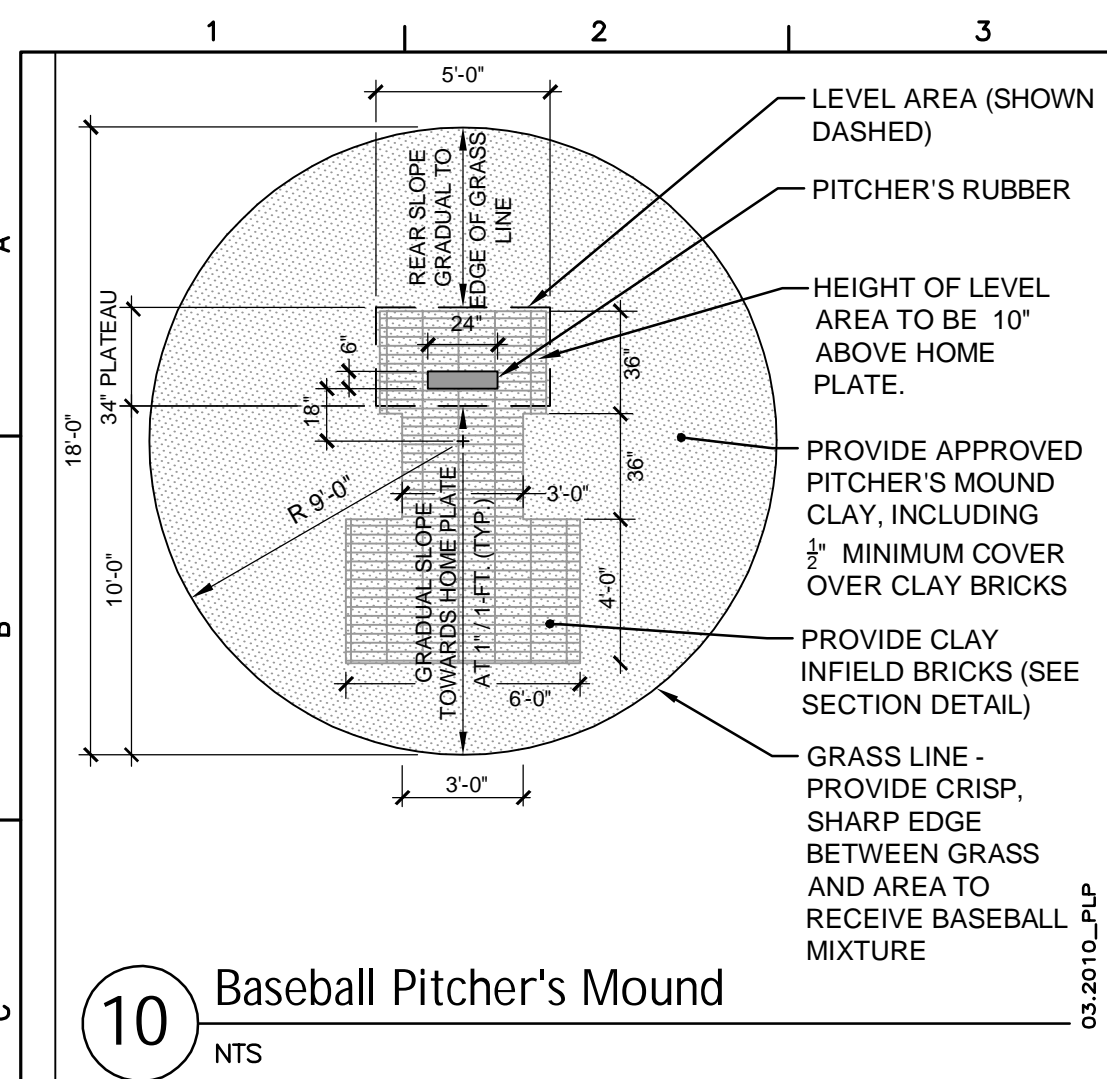


Walkill Central School District
Walkill, New York

Reconstruction to:
Walkill Senior High School

Site Details

Drawn by: J.L.P. Date: 11/4/2022 Drawing No.:
Project No.: 17597-22001
AC501



S.E.D. Control No. 62-18-01-06-0-007-018

Rev. No.: Date: Description:

WALLKILL
CENTRAL SCHOOL DISTRICT

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TETRA TECH
ARCHITECTS & ENGINEERS

Walkkill Central School District
Walkkill, New York

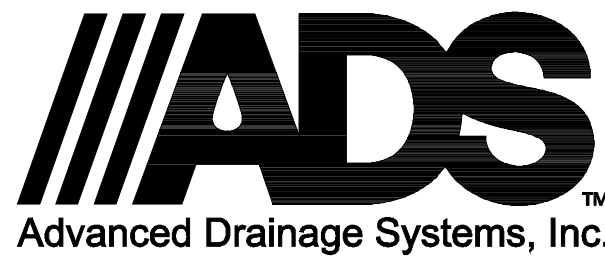
Reconstruction to:
Walkkill Senior High School

Site Details

Drawn by: J.L.P. Date: 11/4/2022 Drawing No.: Project No.: 17597-22001

AC502

PROJECT INFORMATION	
ENGINEERED	JUSTIN PICCOLLO
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ADSALES REP	TOM GABLE
	5-5465-4882
	TOM.GABLE@ADSPipe.COM
PROJECT NO.	5315536



WALLKILL SENIOR HIGH SCHOOL WALLKILL, NY

SC-740 STORMTECH CHAMBER SPECIFICATIONS

- CHAMBERS SHALL BE STORMTECH SC-740.
- CHAMBERS SHALL BE ARCH-SHAPED AND SHALL BE MANUFACTURED FROM VIRGIN, IMPACT-MODIFIED POLYPROPYLENE COPOLYMERS.
- CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- CHAMBER ROWS SHALL PROVIDE CONTINUOUS, UNOBSTRUCTED INTERNAL SPACE WITH NO INTERNAL SUPPORTS THAT WOULD IMPEDE FLOW OR LIMIT ACCESS FOR INSPECTION.
- THE STRUCTURAL DESIGN OF THE CHAMBERS, THE STRUCTURAL BACKFILL, AND THE INSTALLATION REQUIREMENTS SHALL ENSURE THAT THE LOAD FACTORS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, SECTION 12.12, ARE MET FOR: 1) LONG-DURATION DEAD LOADS AND 2) SHORT-DURATION LIVE LOADS, BASED ON THE AASHTO DESIGN TRUCK WITH CONSIDERATION FOR IMPACT AND MULTIPLE VEHICLE PRESENCES.
- CHAMBERS SHALL BE DESIGNED, TESTED AND ALLOWABLE LOAD CONFIGURATIONS DETERMINED IN ACCORDANCE WITH ASTM F2787, "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS". LOAD CONFIGURATIONS SHALL INCLUDE: 1) INSTANTANEOUS (<1 MIN) AASHTO DESIGN TRUCK LIVE LOAD ON MINIMUM COVER 2) MAXIMUM PERMANENT (75-YR) COVER LOAD AND 3) ALLOWABLE COVER WITH PARKED (1-WEEK) AASHTO DESIGN TRUCK.
- REQUIREMENTS FOR HANDLING AND INSTALLATION:
 - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
 - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 2".
 - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT SHALL BE GREATER THAN OR EQUAL TO 550 LBS/FT²/IN. THE ASC IS DEFINED IN SECTION 6.2.8 OF ASTM F2418. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.
- ONLY CHAMBERS THAT ARE APPROVED BY THE SITE DESIGN ENGINEER WILL BE ALLOWED. UPON REQUEST BY THE SITE DESIGN ENGINEER OR OWNER, THE CHAMBER MANUFACTURER SHALL SUBMIT A STRUCTURAL EVALUATION FOR APPROVAL BEFORE DELIVERING CHAMBERS TO THE PROJECT SITE AS FOLLOWS:
 - THE STRUCTURAL EVALUATION SHALL BE SEALED BY A REGISTERED PROFESSIONAL ENGINEER.
 - THE STRUCTURAL EVALUATION SHALL DEMONSTRATE THAT THE SAFETY FACTORS ARE GREATER THAN OR EQUAL TO 1.95 FOR DEAD LOAD AND 1.75 FOR LIVE LOAD, THE MINIMUM REQUIRED BY ASTM F2787 AND BY SECTIONS 3 AND 12.12 OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS FOR THERMOPLASTIC PIPE.
 - THE TEST DERIVED CREEP MODULUS AS SPECIFIED IN ASTM F2418 SHALL BE USED FOR PERMANENT DEAD LOAD DESIGN EXCEPT THAT IT SHALL BE THE 75-YEAR MODULUS USED FOR DESIGN.
- CHAMBERS AND END CAPS SHALL BE PRODUCED AT AN ISO 9001 CERTIFIED MANUFACTURING FACILITY.

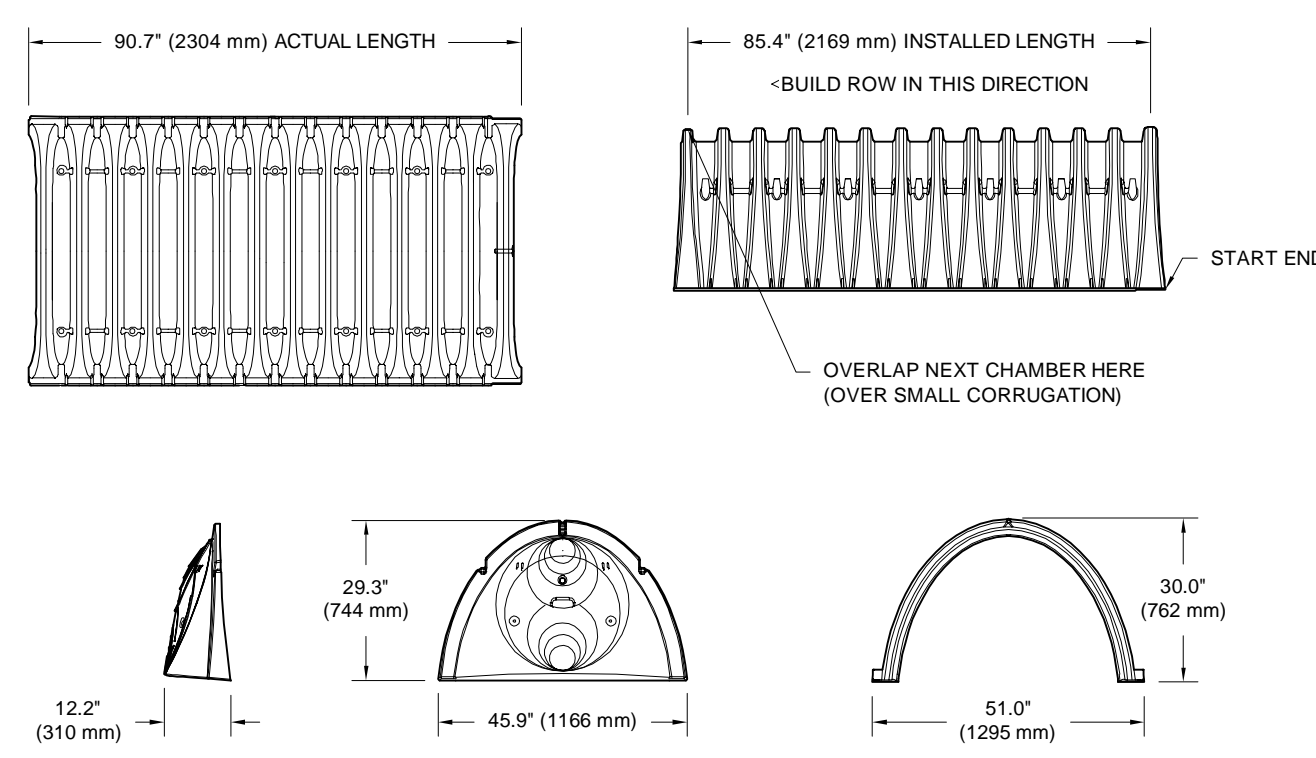
IMPORTANT - NOTES FOR THE BIDDING AND INSTALLATION OF THE SC-740 SYSTEM

- STORMTECH SC-740 CHAMBERS SHALL NOT BE INSTALLED UNTIL THE MANUFACTURER'S REPRESENTATIVE HAS COMPLETED A PRE-CONSTRUCTION MEETING WITH THE INSTALLERS.
- STORMTECH SC-740 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH SC-310/SC-740/DC-780 CONSTRUCTION GUIDE".
- CHAMBERS ARE NOT TO BE BACKFILLED WITH A DOZER OR AN EXCAVATOR SITUATED OVER THE CHAMBERS. STORMTECH RECOMMENDS 3 BACKFILL METHODS:
 - STONESHOOTER LOCATED OFF THE CHAMBER BED.
 - BACKFILL AS ROWS ARE BUILT USING AN EXCAVATOR ON THE FOUNDATION STONE OR SUBGRADE.
 - BACKFILL FROM OUTSIDE THE EXCAVATION USING A LONG BOOM HOE OR EXCAVATOR.
- THE FOUNDATION STONE SHALL BE LEVELLED AND COMPACTED PRIOR TO PLACING CHAMBERS.
- JOINTS BETWEEN CHAMBERS SHALL BE PROPERLY SEATED PRIOR TO PLACING STONE.
- MAINTAIN MINIMUM - 6" (150 mm) SPACING BETWEEN THE CHAMBER ROWS.
- EMBEDMENT STONE SURROUNDING CHAMBERS MUST BE A CLEAN, CRUSHED, ANGULAR STONE 3/4" (20 mm).
- THE CONTRACTOR MUST REPORT ANY DISCREPANCIES WITH CHAMBER FOUNDATION MATERIALS BEARING CAPACITIES TO THE SITE DESIGN ENGINEER.
- ADS RECOMMENDS THE USE OF "FLEXSTORM CATCH IT" INSERTS DURING CONSTRUCTION FOR ALL INLETS TO PROTECT THE SUBSURFACE STORMWATER MANAGEMENT SYSTEM FROM CONSTRUCTION SITE RUNOFF.

NOTES FOR CONSTRUCTION EQUIPMENT

- STORMTECH SC-740 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH SC-310/SC-740/DC-780 CONSTRUCTION GUIDE".
 - THE USE OF CONSTRUCTION EQUIPMENT OVER SC-740 CHAMBERS IS LIMITED:
 - NO EQUIPMENT IS ALLOWED ON BARE CHAMBERS.
 - NO RUBBER Tired LOADERS, DUMP TRUCKS, OR EXCAVATORS ARE ALLOWED UNTIL PROPER FILL DEPTHS ARE REACHED IN ACCORDANCE WITH THE "STORMTECH SC-310/SC-740/DC-780 CONSTRUCTION GUIDE".
 - WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT CAN BE FOUND IN THE "STORMTECH SC-310/SC-740/DC-780 CONSTRUCTION GUIDE".
 - FILL 36" (900 mm) OF STABILIZED COVER MATERIALS OVER THE CHAMBERS IS REQUIRED FOR DUMP TRUCK TRAVEL, OR DRIVING.
- USE OF A DOZER TO PUSH EMBEDMENT STONE BETWEEN THE ROWS OF CHAMBERS MAY CAUSE DAMAGE TO THE CHAMBERS AND IS NOT AN ACCEPTABLE BACKFILL METHOD. ANY CHAMBERS DAMAGED BY THE "TUMP AND PUSH" METHOD ARE NOT COVERED UNDER THE STORMTECH STANDARD WARRANTY.
- CONTACT STORMTECH AT 1-888-892-2894 WITH ANY QUESTIONS ON INSTALLATION REQUIREMENTS OR WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT.

SC-740 TECHNICAL SPECIFICATION



NOMINAL CHAMBER SPECIFICATIONS	51.0" X 30.0" X 85.4"	(1295 mm X 762 mm X 2169 mm)
SIZE (W X H X INSTALLED LENGTH)	51.0" (1300 mm)	30.0" (762 mm)
CHAMBER STORAGE	45.9 CUBIC FEET	(1.30 m ³)
MINIMUM INSTALLED STORAGE*	74.9 CUBIC FEET	(2.12 m ³)
WEIGHT	75.9 lbs	(33.8 kg)

*ASSUMES 6" (152 mm) STONE ABOVE, BELOW, AND BETWEEN CHAMBERS

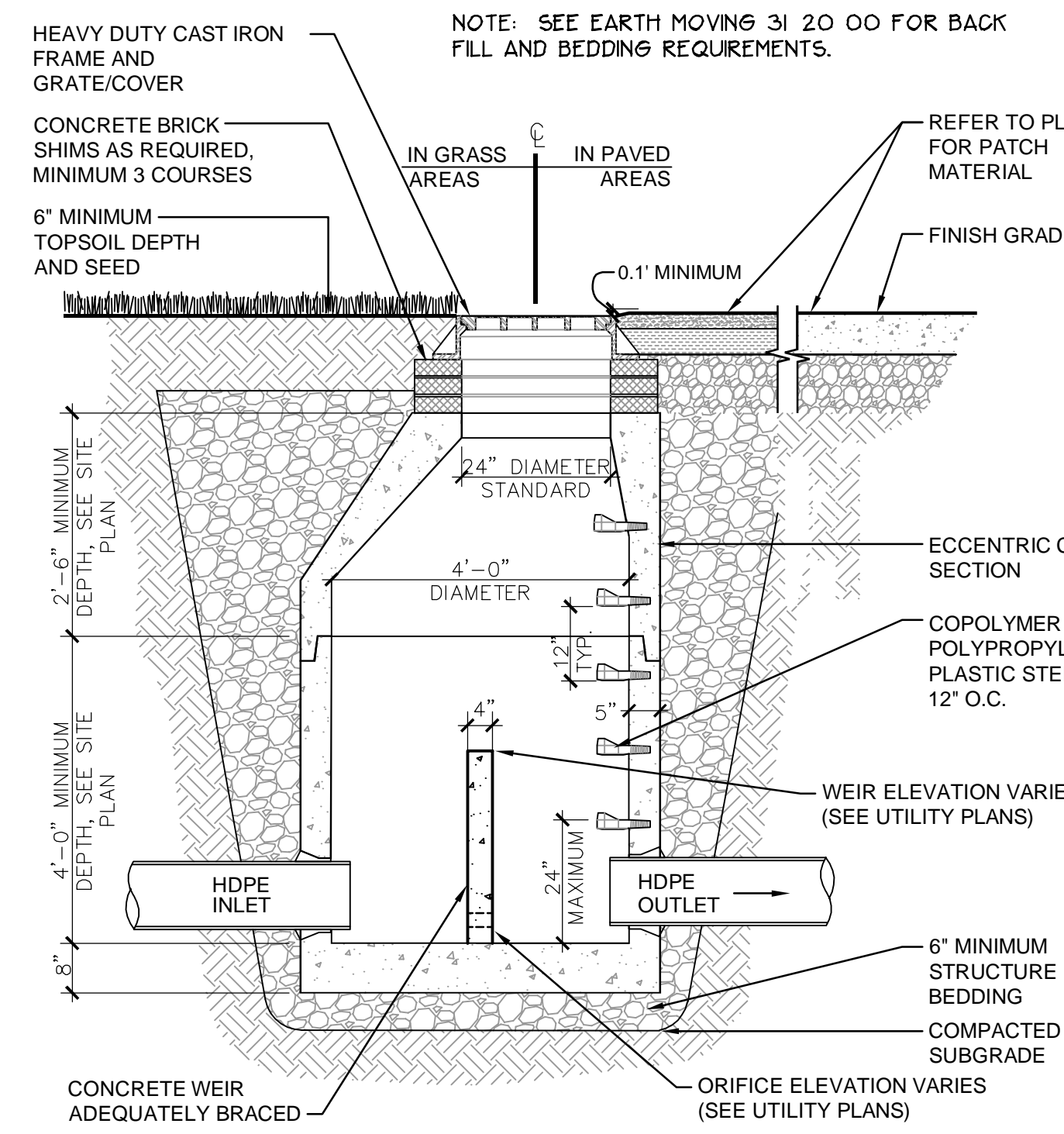
PRE-FAB STUBS AT BOTTOM OF END CAP FOR PART NUMBERS ENDING WITH "B"
PRE-FAB STUBS AT TOP OF END CAP FOR PART NUMBERS ENDING WITH "T"
PRE-CORED END CAPS END WITH "PC"

PART #	STUB	A	B	C
SC740EPE06T / SC740EPE06TPC	6" (150 mm)	10.9" (277 mm)	18.5" (470 mm)	---
SC740EPE08B / SC740EPE08BPC	8" (200 mm)	12.2" (310 mm)	16.8" (419 mm)	0.5" (13 mm)
SC740EPE10T / SC740EPE10TPC	10" (250 mm)	13.4" (340 mm)	14.5" (368 mm)	0.6" (15 mm)
SC740EPE12B / SC740EPE12BPC	12" (300 mm)	14.7" (373 mm)	12.5" (318 mm)	0.7" (18 mm)
SC740EPE14T / SC740EPE14TPC	14" (350 mm)	15.9" (404 mm)	10.7" (272 mm)	0.8" (20 mm)
SC740EPE16T / SC740EPE16TPC	16" (400 mm)	17.1" (433 mm)	9.0" (229 mm)	1.2" (30 mm)
SC740EPE18T / SC740EPE18TPC	18" (450 mm)	18.3" (467 mm)	7.2" (183 mm)	1.3" (33 mm)
SC740EPE20T / SC740EPE20TPC	20" (500 mm)	19.5" (495 mm)	5.4" (137 mm)	1.4" (35 mm)
SC740EPE22T / SC740EPE22TPC	22" (550 mm)	20.7" (526 mm)	3.6" (91 mm)	1.5" (38 mm)
SC740ECEZ*	24" (600 mm)	18.5" (470 mm)	---	0.1" (3 mm)

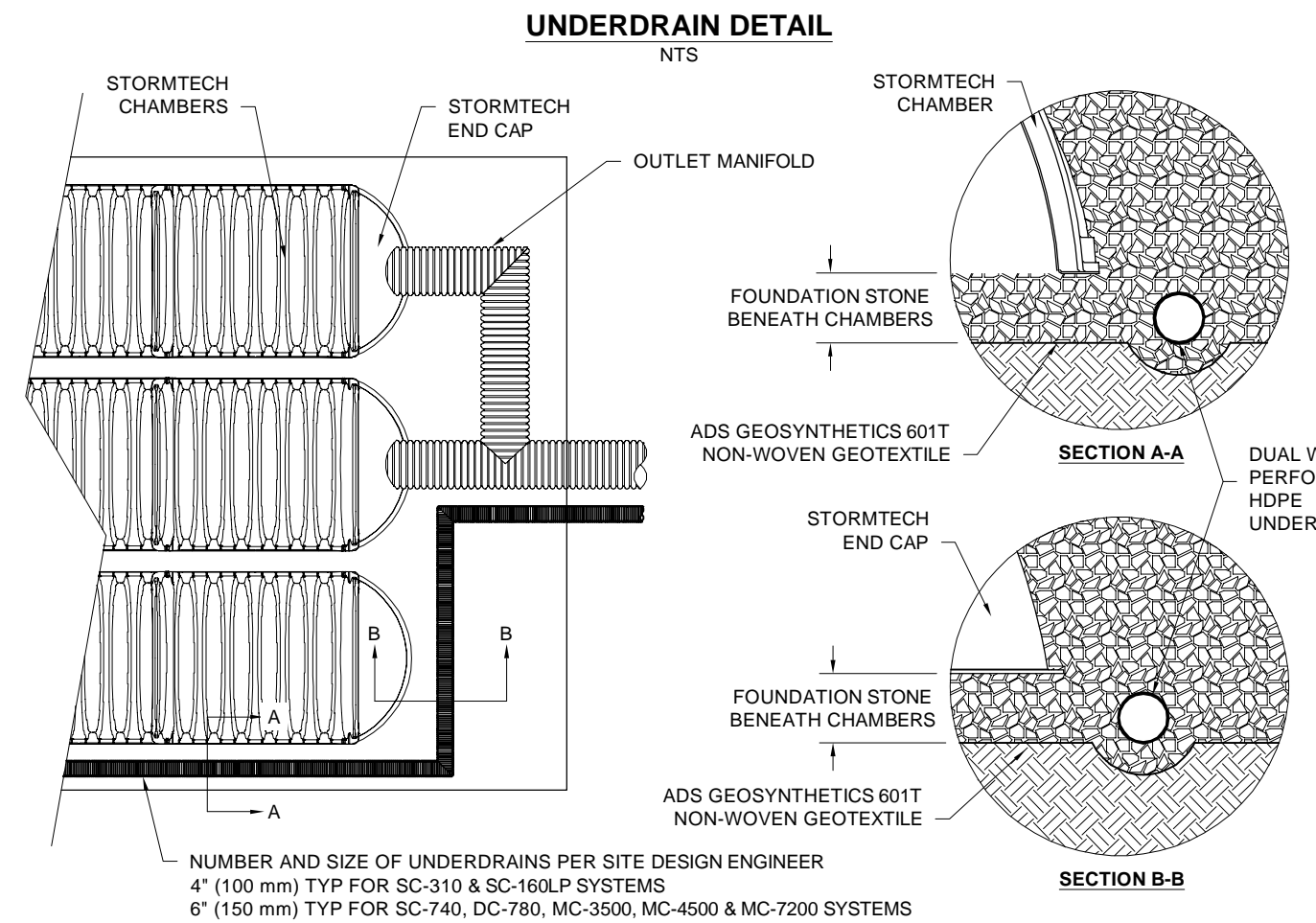
ALL STUBS, EXCEPT FOR THE SC740ECEZ ARE PLACED AT BOTTOM OF END CAP SUCH THAT THE OUTSIDE DIAMETER OF THE STUB IS FLUSH WITH THE BOTTOM OF THE END CAP. FOR ADDITIONAL INFORMATION CONTACT STORMTECH AT 1-888-892-2894.

* FOR THE SC740ECEZ THE 24" (600 mm) STUB LIES BELOW THE BOTTOM OF THE END CAP APPROXIMATELY 1.175" (44 mm). BACKFILL MATERIAL SHOULD BE REMOVED FROM BELOW THE N-12 STUB SO THAT THE FITTING SITS LEVEL.

NOTE: ALL DIMENSIONS ARE NOMINAL.



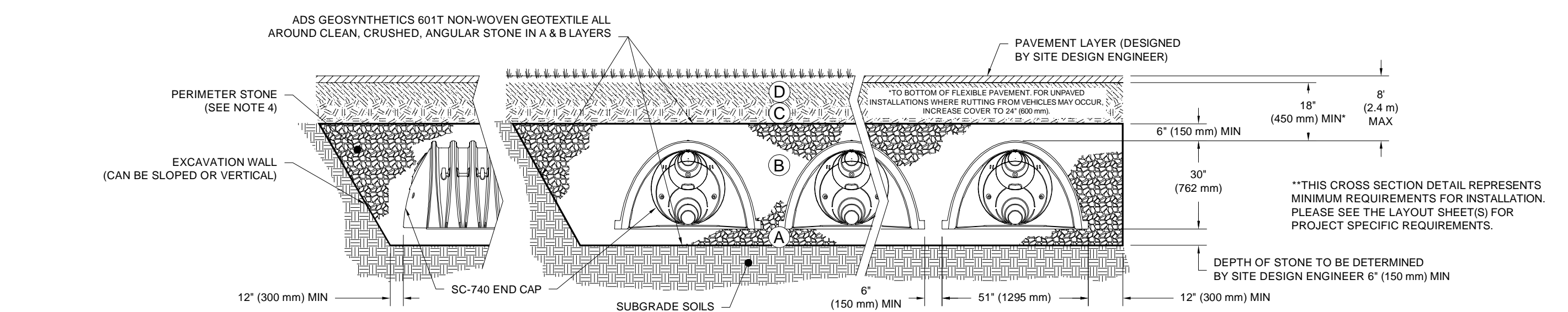
Subsurface Recharge System Outlet Control Structure (OCS) N.T.S.



ACCEPTABLE FILL MATERIALS: STORMTECH SC-740 CHAMBER SYSTEMS

MATERIAL LOCATION	DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D	FINAL FILL: FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER.	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	N/A
C	INITIAL FILL: FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE (A) LAYER TO 18" (450 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <3% FINES OR PROCESSED AGGREGATE. MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER.	AASHTO M1451 A-1, A-2-4, A-3 OR AASHTO M431 3, 357, 4, 467, 5, 56, 57, 6, 87, 88, 7, 78, 8, 89, 9, 10
B	EMBEDMENT STONE: FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE (A) LAYER TO THE 'C' LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M431 3, 357, 4, 467, 5, 56, 57
A	FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M431 3, 357, 4, 467, 5, 56, 57

- PLEASE NOTE:
- THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M431) STONE".
 - STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 6" (150 mm) MAX LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.
 - WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS.
 - ONCE LAYER 'C' IS PLACED, ANY SOL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOLS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.



NOTES:

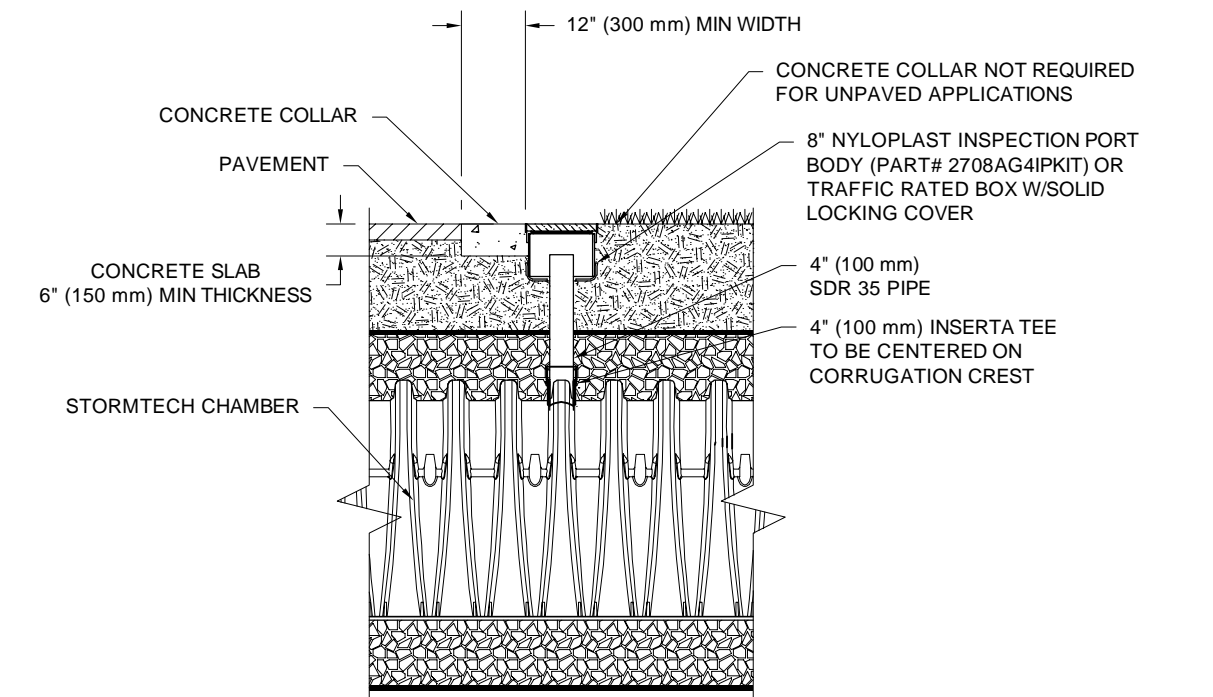
- CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- SC-740 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOLS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS.
- PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
- REQUIREMENTS FOR HANDLING AND INSTALLATION:
 - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
 - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 2".
 - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT AS DEFINED IN SECTION 6.2.8 OF ASTM F2418 SHALL BE GREATER THAN OR EQUAL TO 550 LBS/FT²/IN. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.

INSPECTION & MAINTENANCE

- STEP 1) INSPECT ISOLATOR ROW PLUS FOR SEDIMENT
- INSPECTION PORTS (IF PRESENT)
 - REMOVE/OPEN LID ON NYLOPLAST MANLINE DRAIN
 - REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED
 - USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
 - LOWER A CAMERA INTO ISOLATOR ROW PLUS FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)
 - IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- B. ALL ISOLATOR PLUS ROWS
- REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW PLUS
 - USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW PLUS THROUGH OUTLET PIPE
 - MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY
 - FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE
 - IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- STEP 2) CLEAN OUT ISOLATOR ROW PLUS USING THE JETVAC PROCESS
- A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45° (1.1 m) OR MORE IS PREFERRED
 - APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKFLUSH WATER IS CLEAN
 - VACUUM STRUCTURE SUMP AS REQUIRED
- STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS.
- STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.

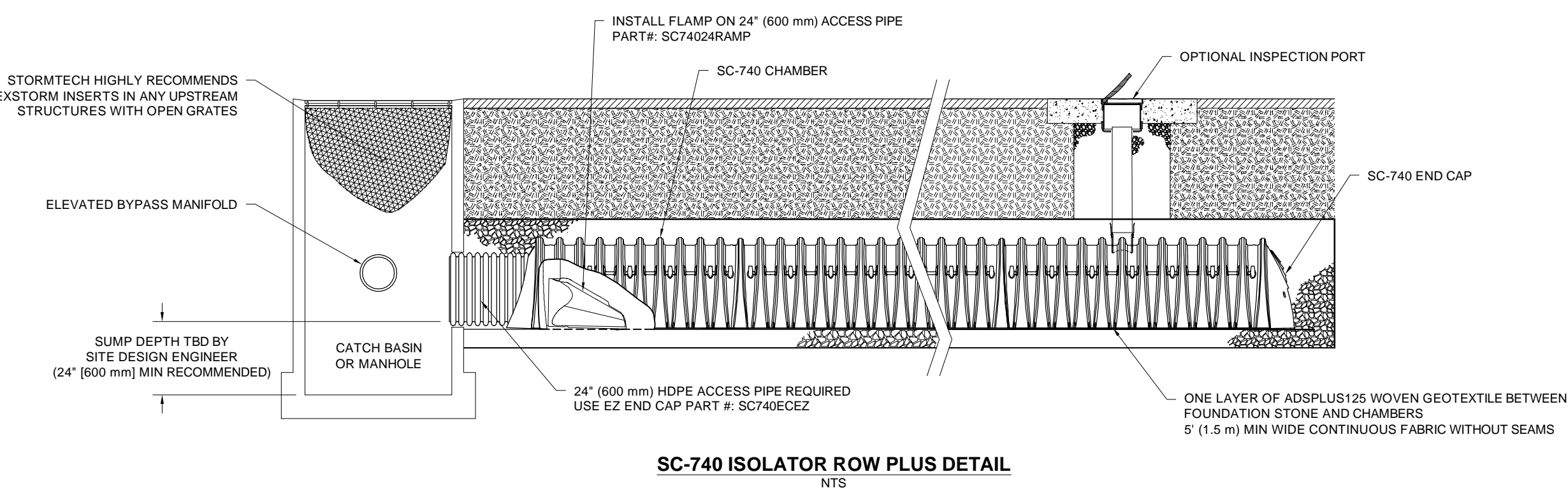
NOTES

- INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION; ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
- CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.



NOTE: INSPECTION PORTS MAY BE CONNECTED THROUGH ANY CHAMBER CORRUGATION CREST.

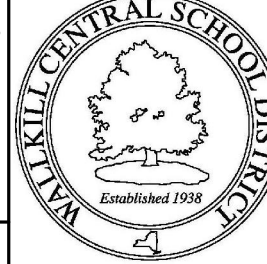
4" PVC INSPECTION PORT DETAIL (SC SERIES CHAMBER) N.T.S.



SC-740 ISOLATOR ROW PLUS DETAIL N.T.S.

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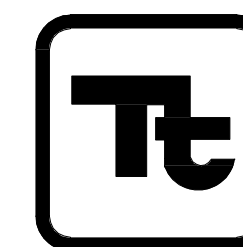
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WALLKILL
CENTRAL SCHOOL DISTRICT

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TETRA TECH
ARCHITECTS & ENGINEERS

Walkill Central School District
Walkill, New York

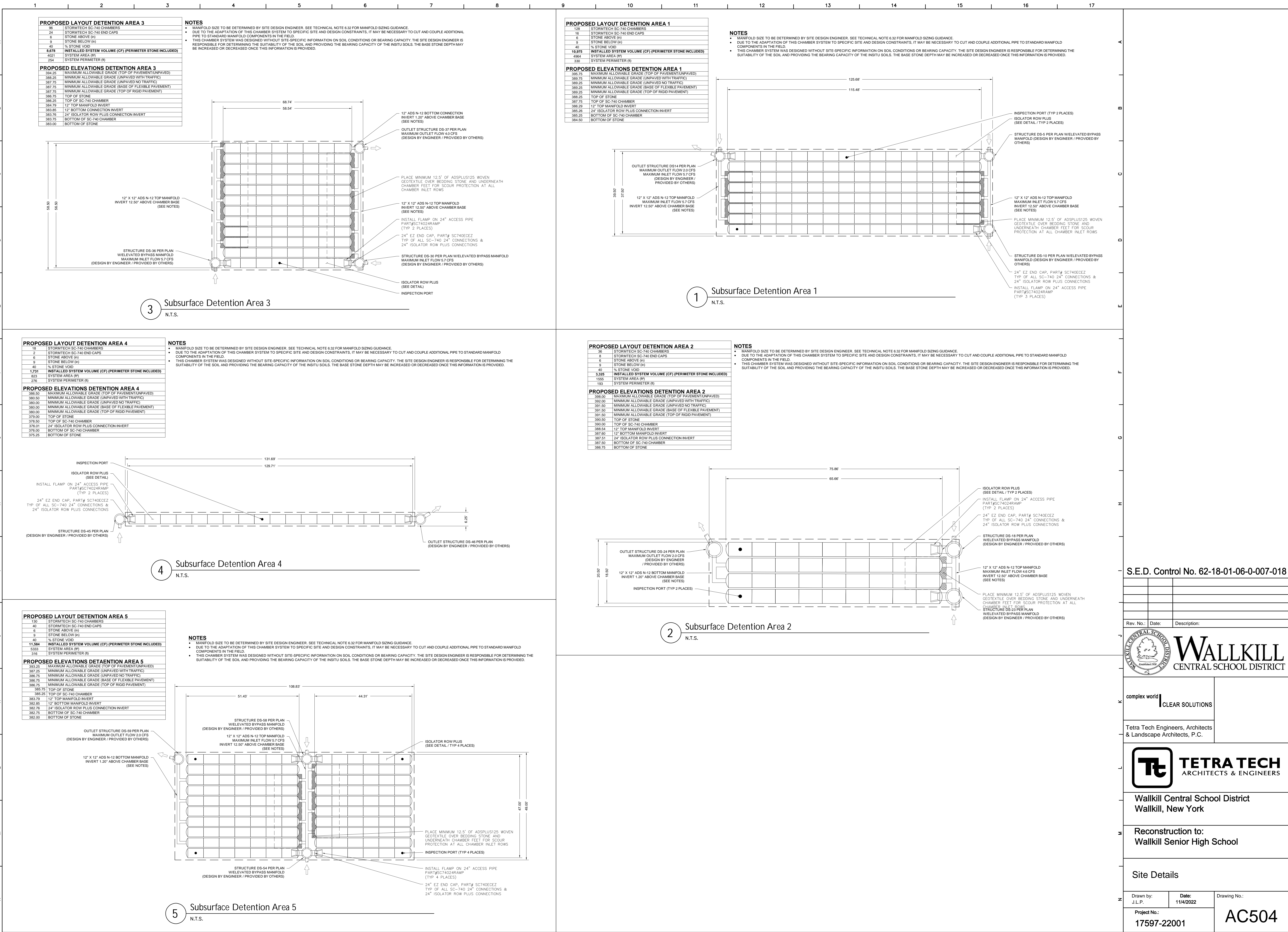
Reconstruction to:
Walkill Senior High School

Site Details

Drawn by: J.L.P. Date: 11/4/2022 Drawing No.:

Project No.:
17597-22001

AC503



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Rev. No.: Date: Description:



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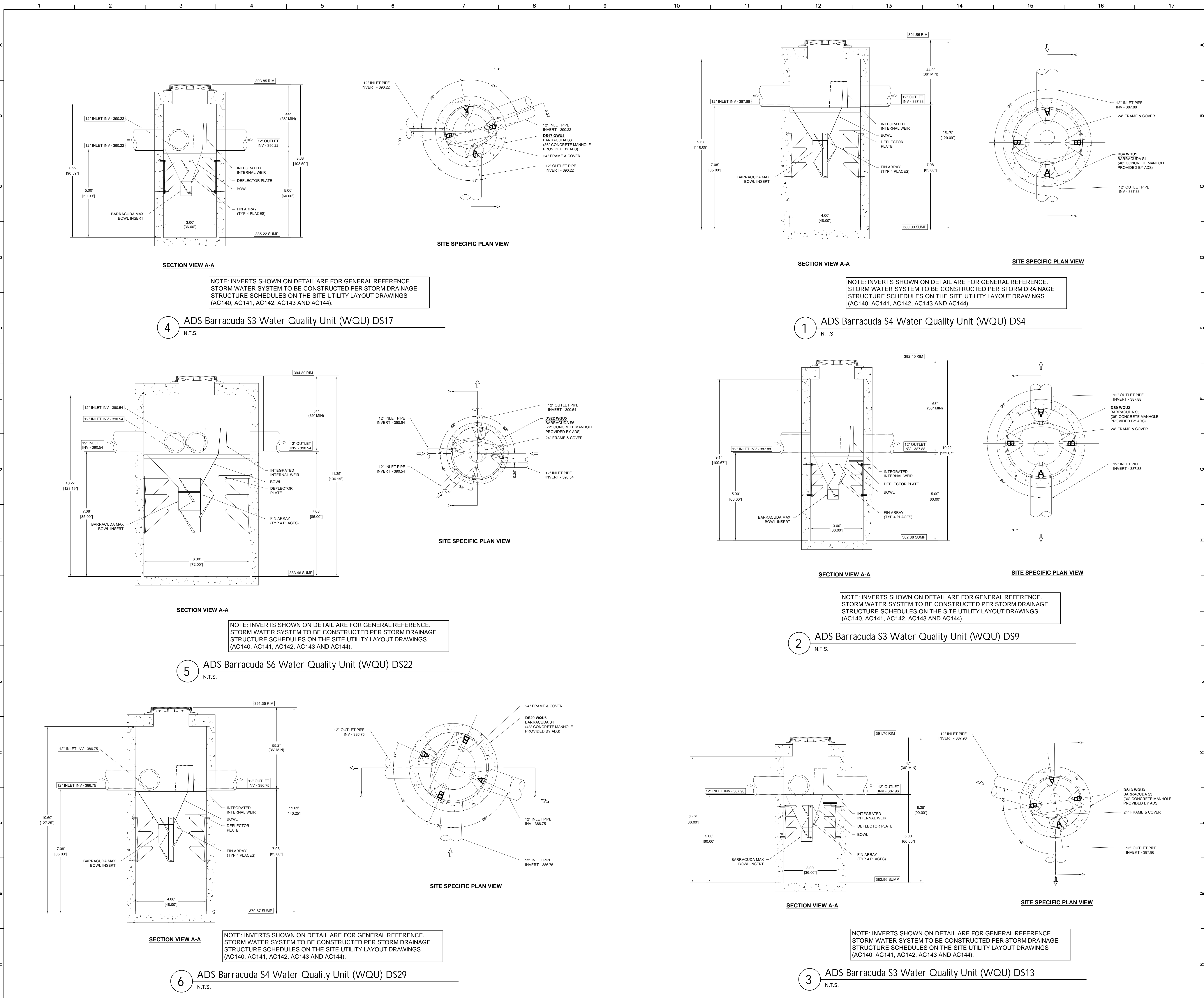


Walkill Central School District
Walkill, New York

Reconstruction to:
Walkill Senior High School

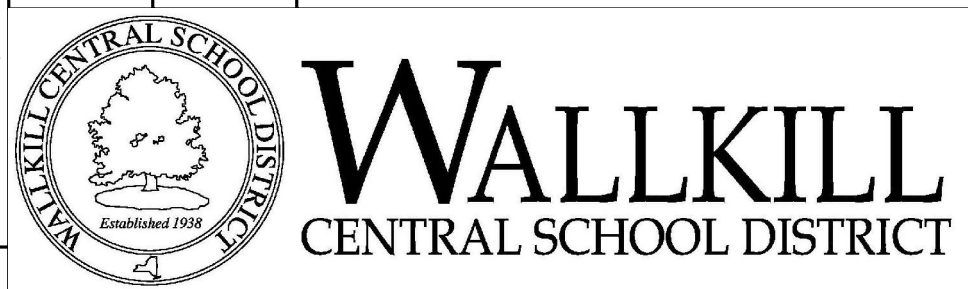
Site Details

Drawn by: J.L.P. Date: 11/4/2022 Drawing No.:
Project No.: 17597-22001
AC504



S.E.D. Control No. 62-18-01-06-0-007-018

Rev. No.:	Date:	Description:



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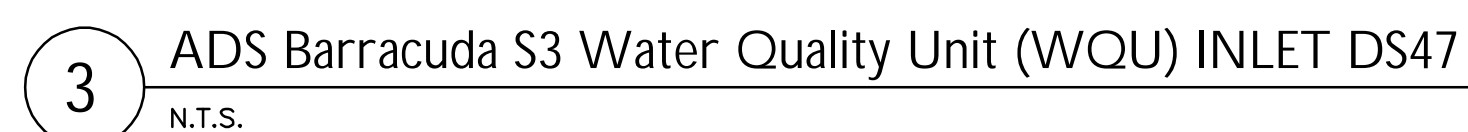
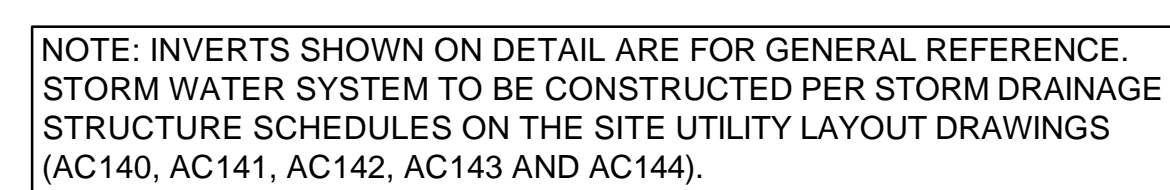
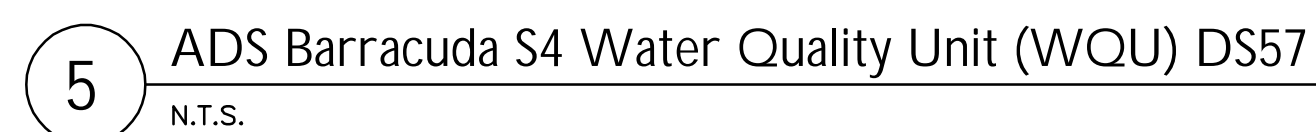
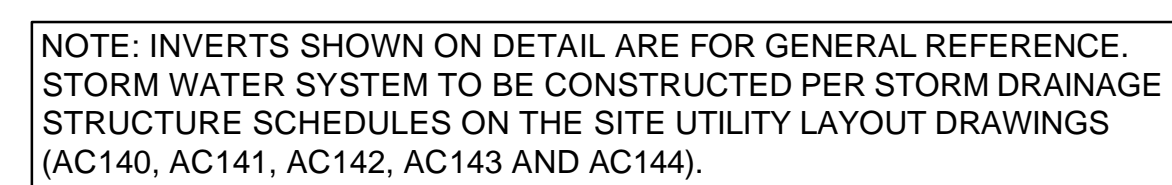
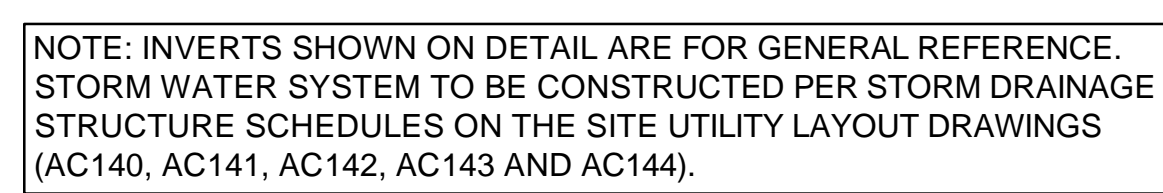
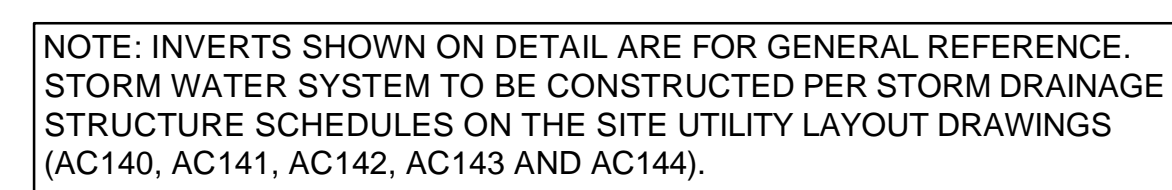
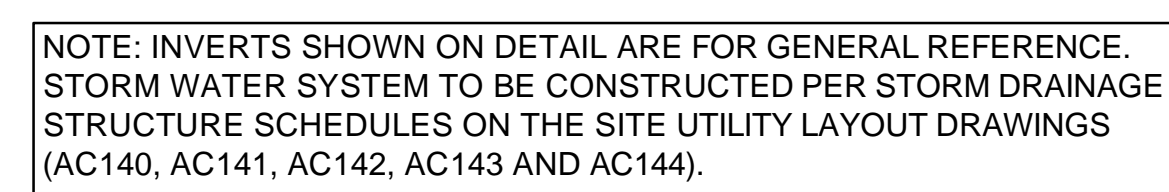


Walkill Central School District
Walkill, New York

Reconstruction to:
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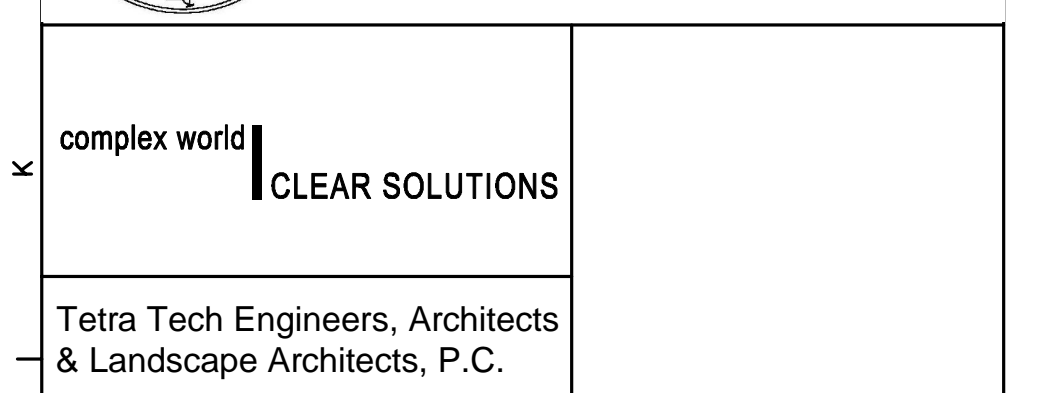
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Project No.:	AC505	
17597-22001		



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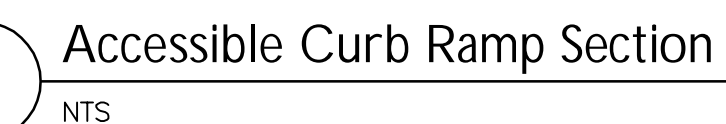
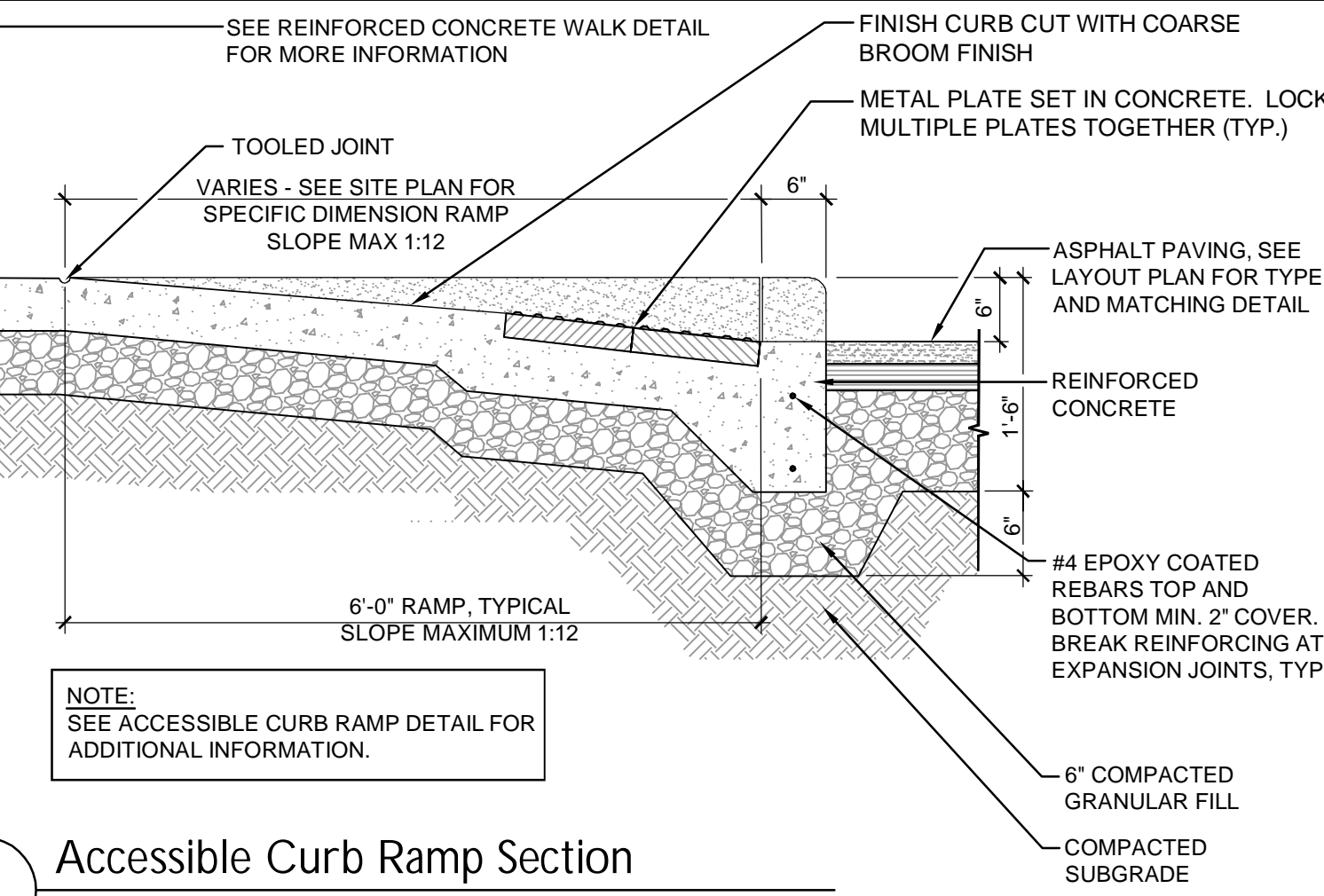
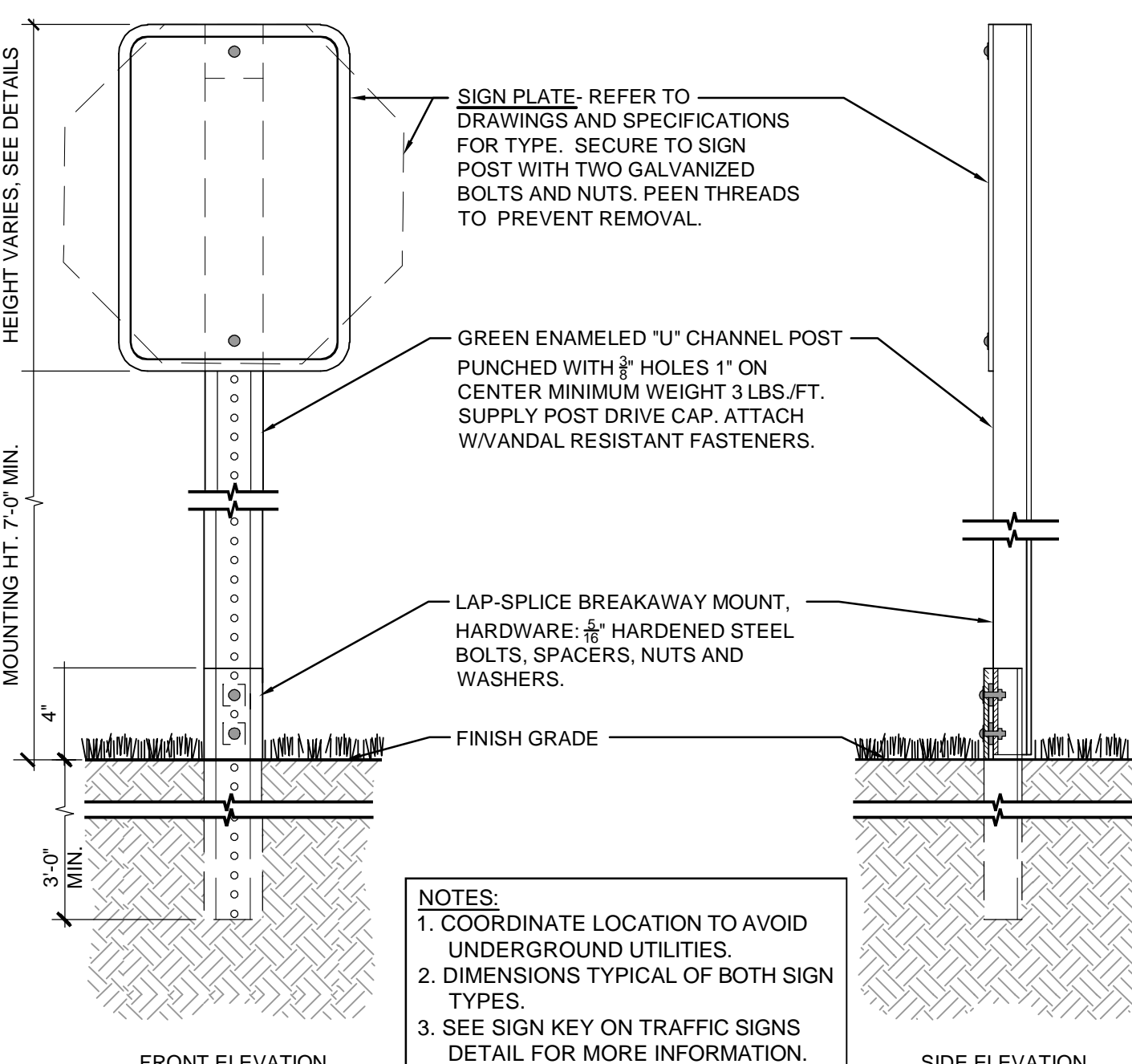
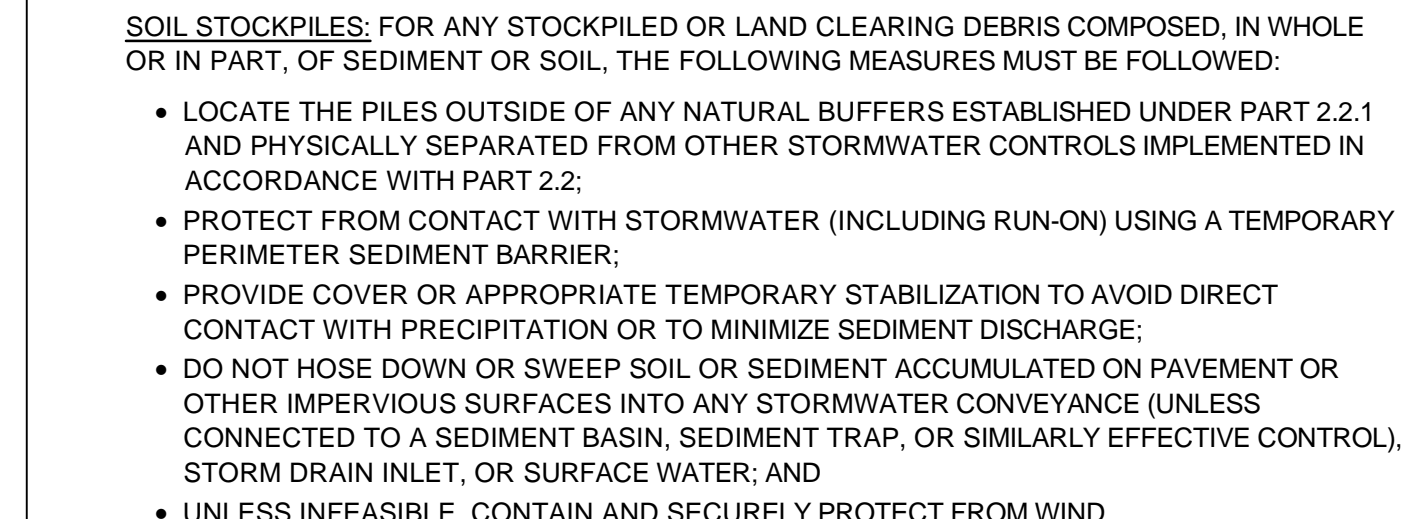
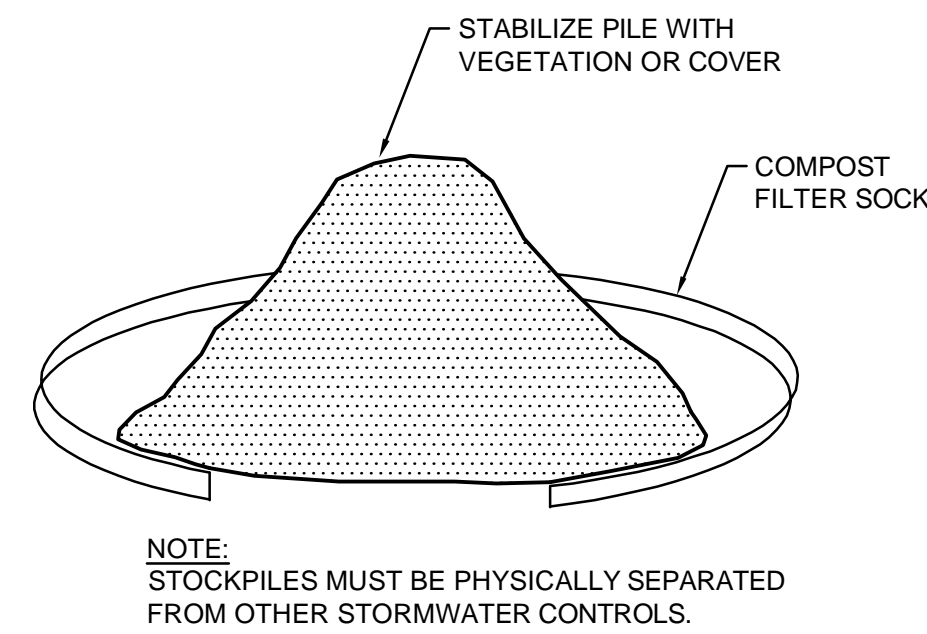
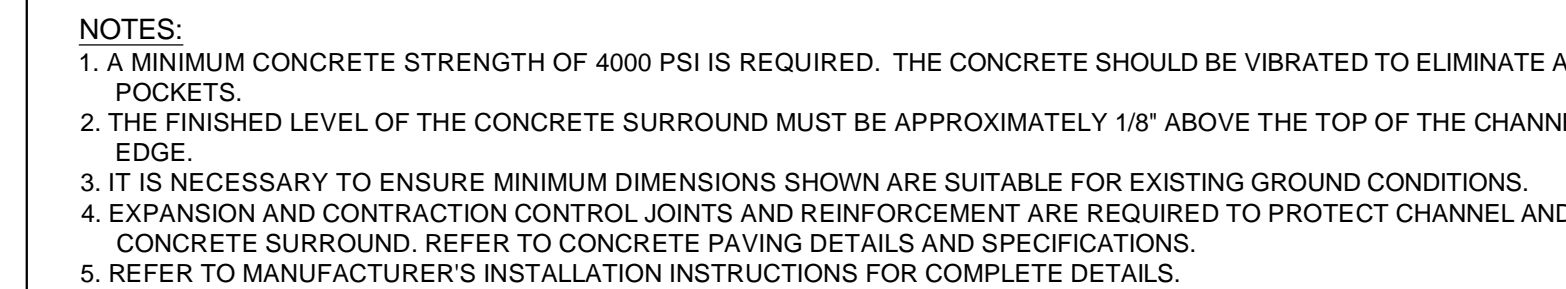
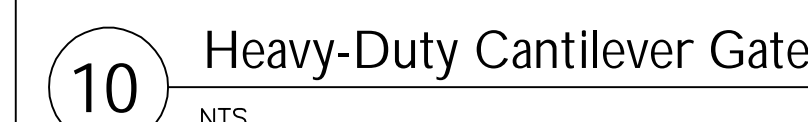
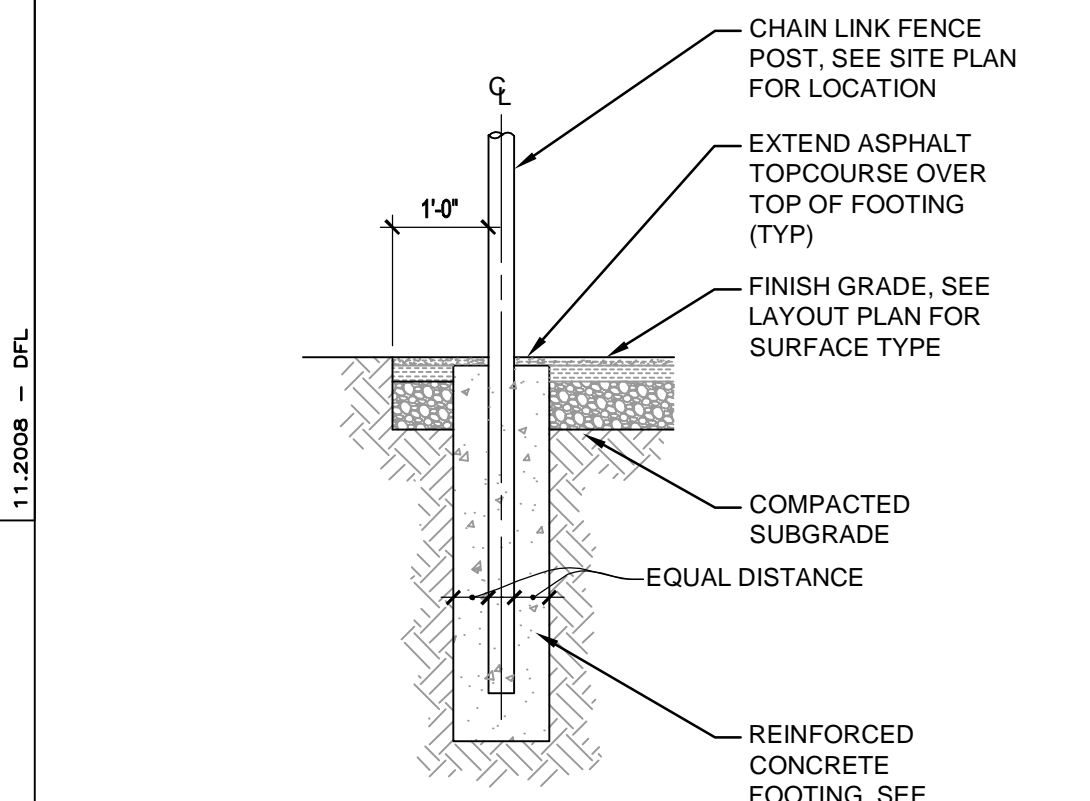
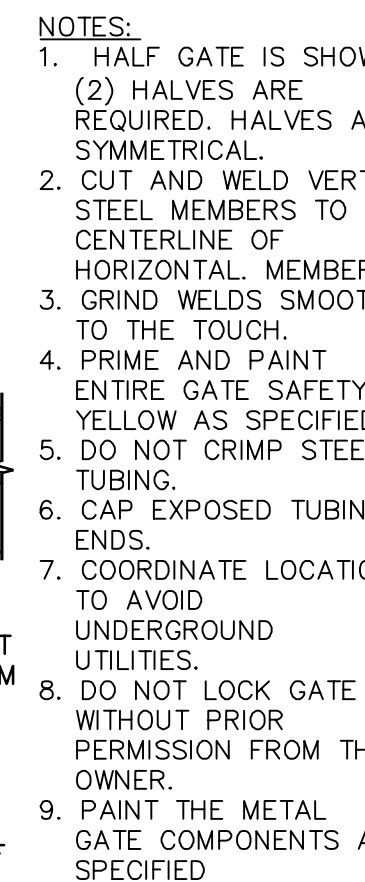
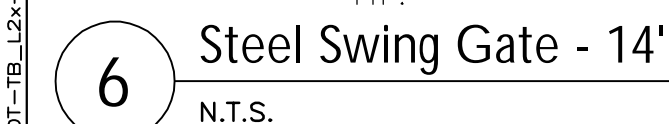
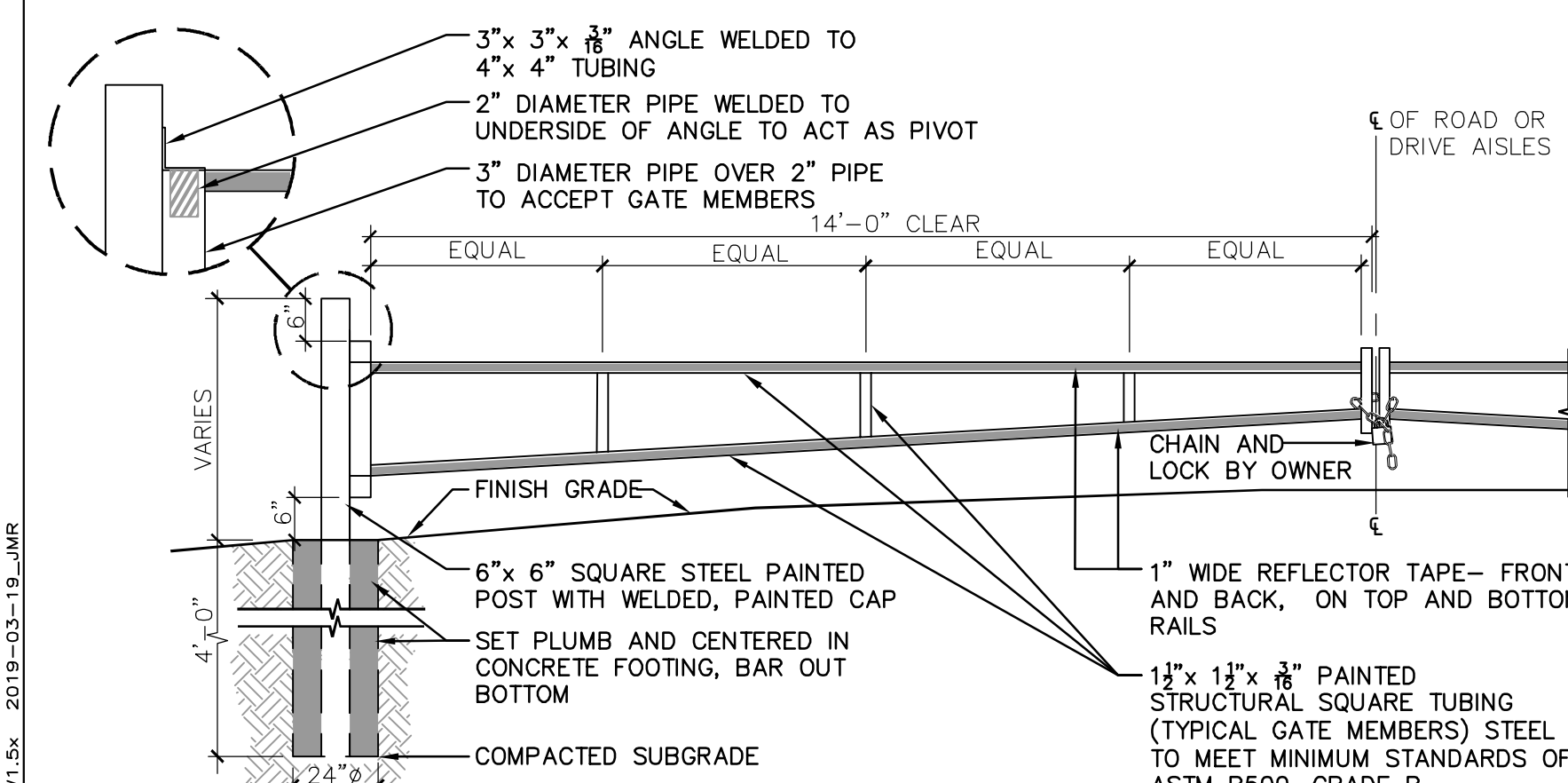


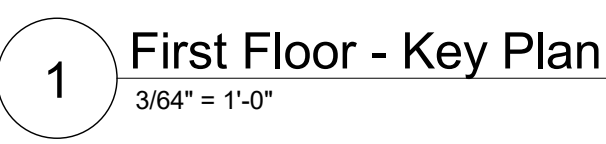
<p>Wallkill Central School District Wallkill, New York</p>
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M	Reconstruction to: Wallkill Senior High School

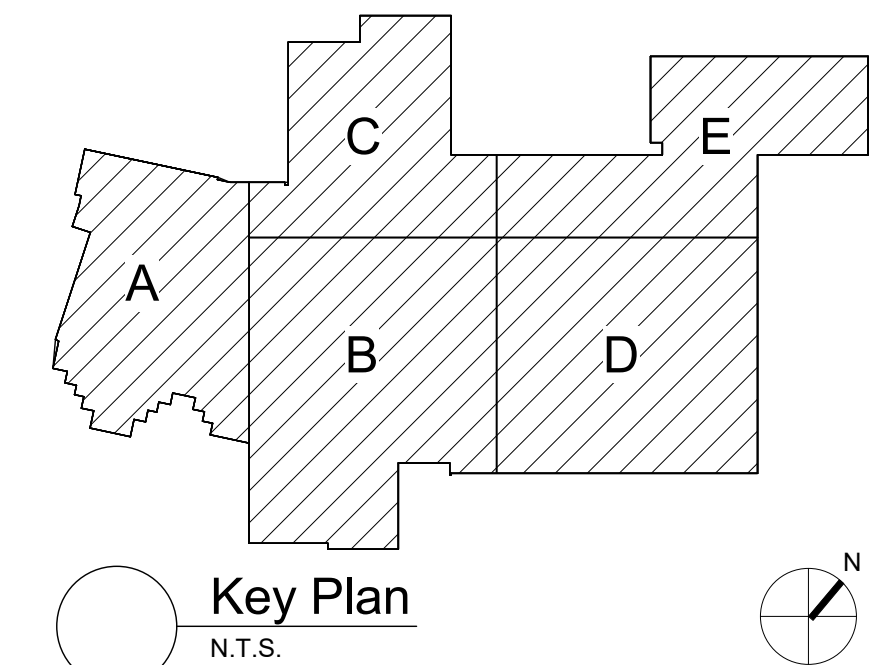
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Z	Drawn by: J.L.P.	Date: 11/4/2022	Drawing No.: <div style="font-size: 2em; font-weight: bold;">AC506</div>
	Project No.: 17597-22001		





- ## 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.



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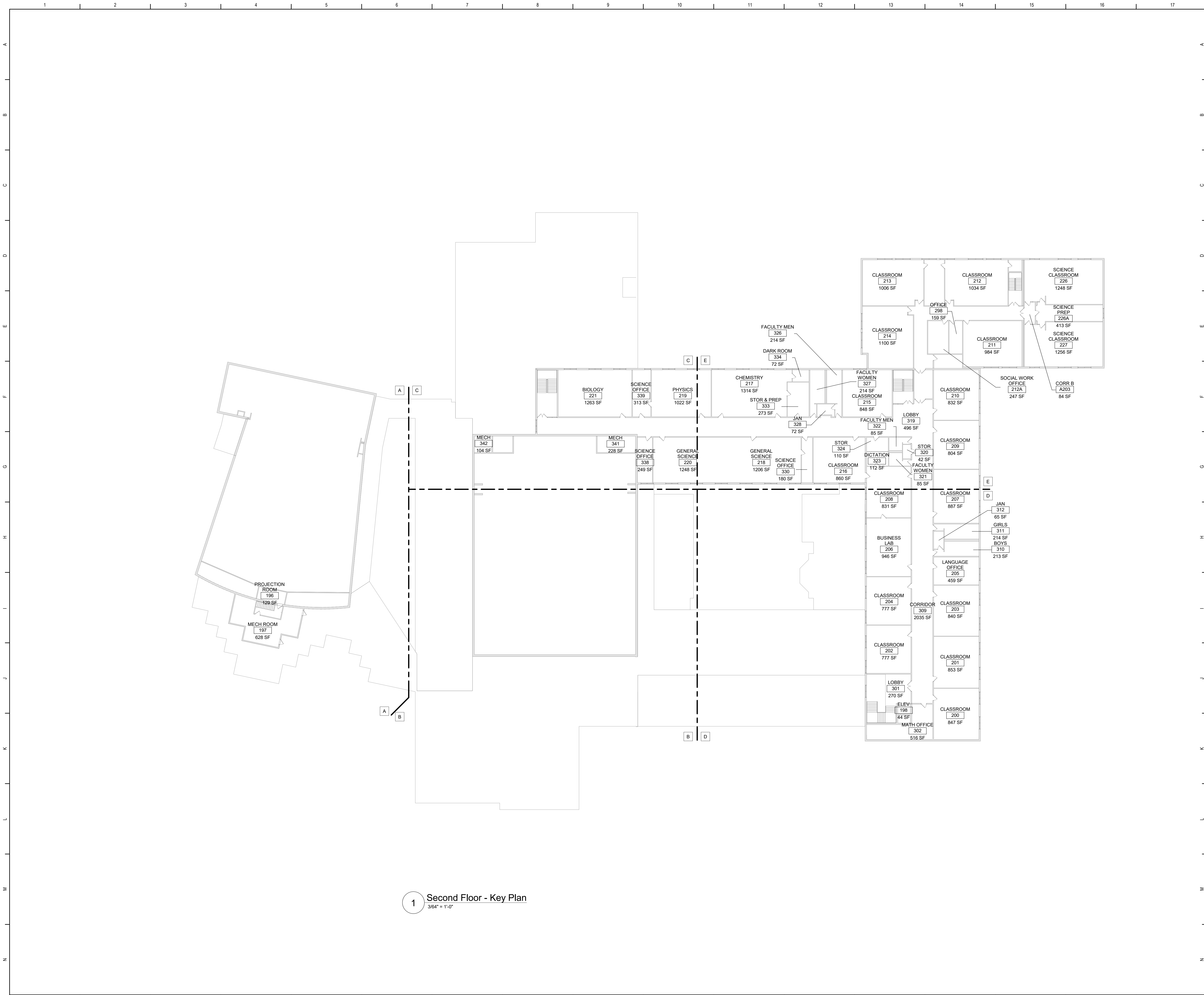


Wallkill Central School District Wallkill, New York
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Reconstruction to:
Walkkill Senior High School

Basement and First Floor Key Plans

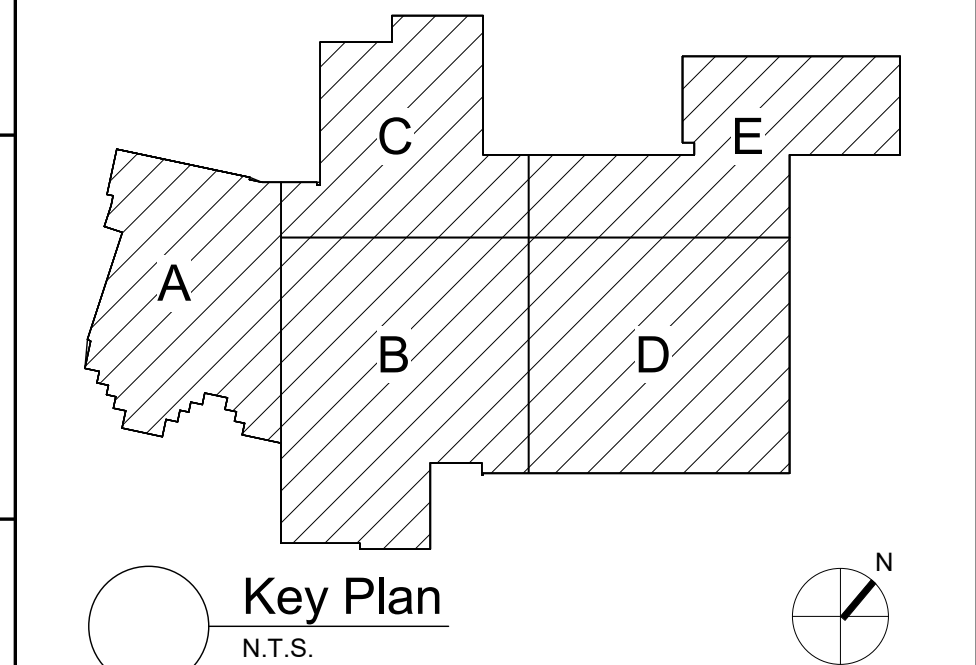
Drawn By: TTAE	Date: 11/4/2022	Drawing Number: AA051
Project No.: 17597-22001		



1 Second Floor - Key Plan
3/64" = 1'-0"

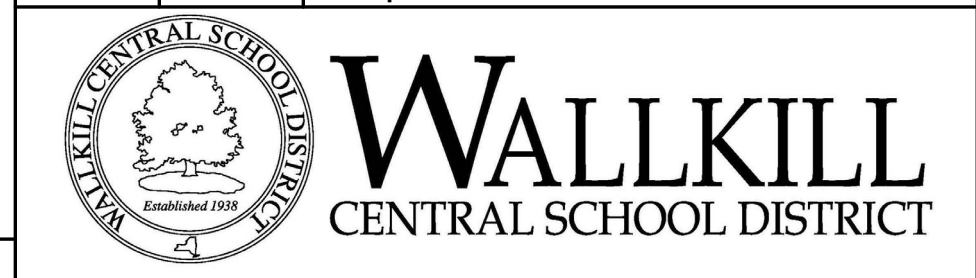
General Notes - Applies to All Drawings

- DO NOT SCALE DRAWINGS TO OBTAIN DIMENSIONS.
- TAKE FIELD MEASUREMENTS TO FIT THE WORK PROPERLY. VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD.
- REFER INCONSISTENCIES TO ARCHITECT PRIOR TO COMMENCING THE WORK IN AFFECTED AREA.
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Wallkill Central School District
Wallkill, New York

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Wallkill Senior High School

Second Floor Key Plan

Drawn By: TTAE	Date: 11/4/2022	Drawing Number:
Project No.: 17597-22001	AA052	



11 SAW CUT OPENING IN WALL TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. PROVIDE LINTEL PER LINTEL SCHEDULE. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES.

(1N) ARTWORK/PLAQUES TO REMAIN. DO NOT DAMAGE. REMOVAL BY OWNER.

(3A) REMOVE CONCRETE LOADING DOCK SYSTEM IN ITS ENTIRETY, INCLUDING BUT NOT LIMITED TO MASONRY PERMITTER WALLS, SLAB, AND RAILINGS. PROVIDE CLEAN SAW CUT LINES AT EXISTING TO REMAIN MASONRY IN PREPARATION FOR NEW LOADING DOCK CONSTRUCTION.

(8A) REMOVE STOREFRONT SYSTEM COMPLETELY. PREPARE OPENING TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. DELIVER TO OWNER'S STORAGE LOCATION FOR THEIR USE.

(8F) REMOVE DOOR LOCKSET AND ASSOCIATED HARDWARE IN PREPARATION FOR NEW LEVEREST WITH LOCKDOWN HARDWARE. REFER TO DOOR HARDWARE SCHEDULE FOR HARDWARE AND PROVIDE MINUTE PATCHES AND REMOVALS TO FACILITATE NEW HARDWARE INSTALLATION.

(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.

(10X) REMOVE FLOOR FINISH, MASTIC AND WALL BASE TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. AT ALL AREAS OF REMOVAL, LEVEL SLAB WITH ADJACENT SLABS AT LOCATIONS SCHEDULED TO RECEIVE FLOOR FINISH. INCLUDE CONCRETE FLOOR PATCHING AND LEVELING MATERIALS TO MATCH SURFACE LEVEL. PROTECT AND PATCH AREAS OF WALLS TO REMAIN THAT WERE DAMAGED BY REMOVAL OF WALL BASE.

SUFFIX KEY (FLOOR FINISH IDENTIFICATIONS):

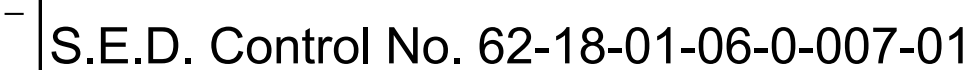
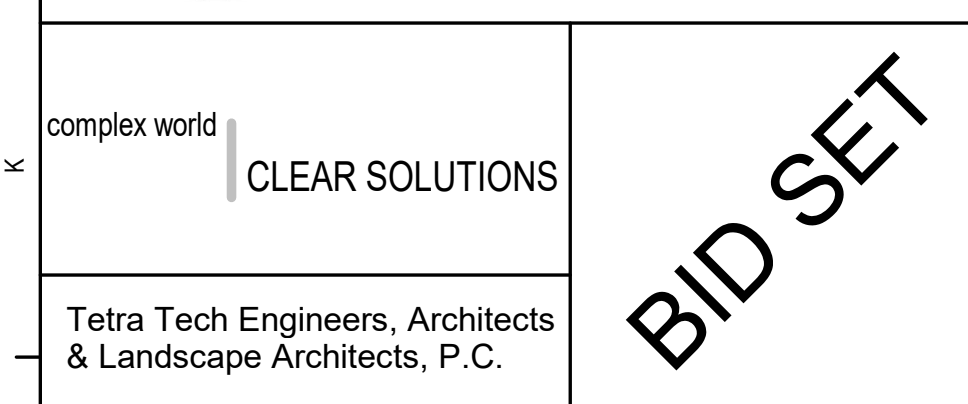
A. CARPET
C. CYCLOPS WOOD FLOORING SYSTEM DOWN TO CONCRETE.

(10A) REMOVE TEACHING SURFACES INCLUDING MARKER BOARDS, TACK BOARDS AND CHALK BOARDS. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. REMOVE AND DELIVER TO OWNER'S STORAGE LOCATION FOR THEIR USE.

(12A) REMOVE CASEWORK, SHELVING AND EQUIPMENT IN ITS ENTIRETY. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES.

(12B) REMOVE DISPLAY CASEWORK (INCLUDING ALL ASSOCIATED COMPONENTS). PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. DELIVER TO OWNER'S STORAGE LOCATION FOR THEIR USE.

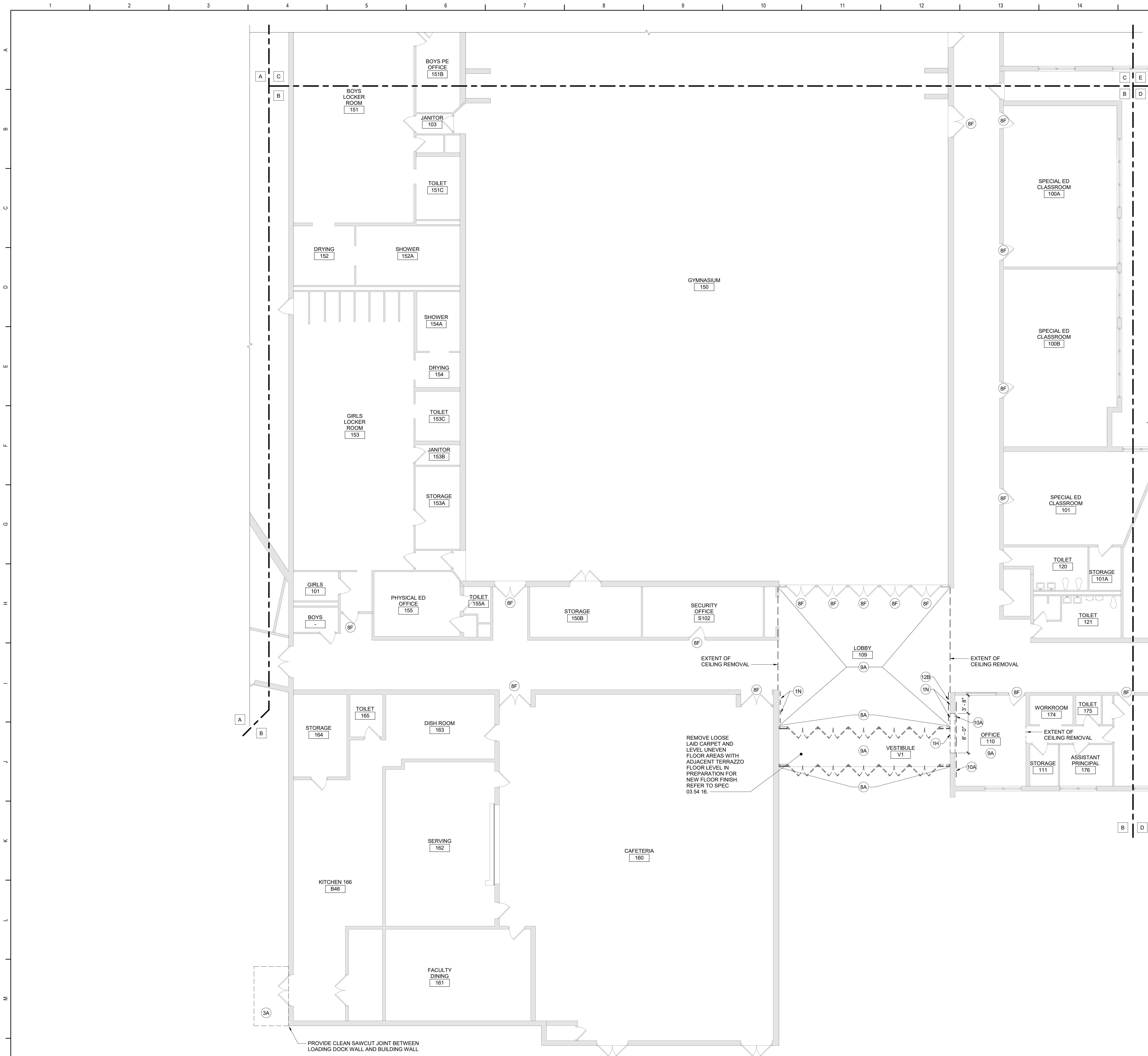
- A. ----- REMOVE ITEMS INDICATED BY DASHED LINE.
- B. KEYED DEMOLITION TAGS REFER TO SPECIFIC LOCATIONS AS FOLLOWS:
 - 1. DEMOLITION TAGS LOCATED WITHIN THE MIDDLE OF A SPACE REFER TO DEMOLITION OF ITEMS OF THAT SAME TYPE WITHIN THAT ENTIRE SPACE.
 - 2. DEMOLITION TAGS PLACED IMMEDIATELY ON OR ADJACENT TO A DASHED LINE INDICATING ITEM REMOVAL OR THAT HAVE AN UNDER POINT (TO A SPECIFIC ITEM) REFER TO DEMOLITION OF THAT SPECIFIC ITEM ONLY OF THAT TYPE WITHIN THAT SPACE.
 - 3. DEMOLITION TAGS IN SERIES REFER TO DEMOLITION OF ALL THE SAME ITEMS EITHER WITHIN THAT ENTIRE SPACE OR 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/PLAQUES NOT PERMANENTLY AFFIXED TO EXISTING CONSTRUCTION SHALL BE REMOVED AND STORED BY THE OWNER PRIOR TO BEGINNING OF DEMOLITION WORK. CONTACT OWNER'S AGENT(S) IF ANY ARTWORK/PLAQUES ARE ENCOUNTERED PRIOR TO START OF DEMOLITION WORK.
- E. EXISTING WINDOW-MOUNTED A/C UNITS SHALL BE REMOVED AND STORED BY OWNER PRIOR TO BEGINNING OF DEMOLITION WORK.
- F. COORDINATE DEMOLITION PLANS WITH NEW WORK PLANS FOR DIMENSIONS OF CERTAIN ITEMS.

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M	Reconstruction to: Wallkill Senior High School
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First Floor Demolition Plan - Area A

N	Drawn By: TTAE	Date: 11/4/2022	Drawing Number:
	Project No.: 17597-22001		AA101



Demolition Key Notes

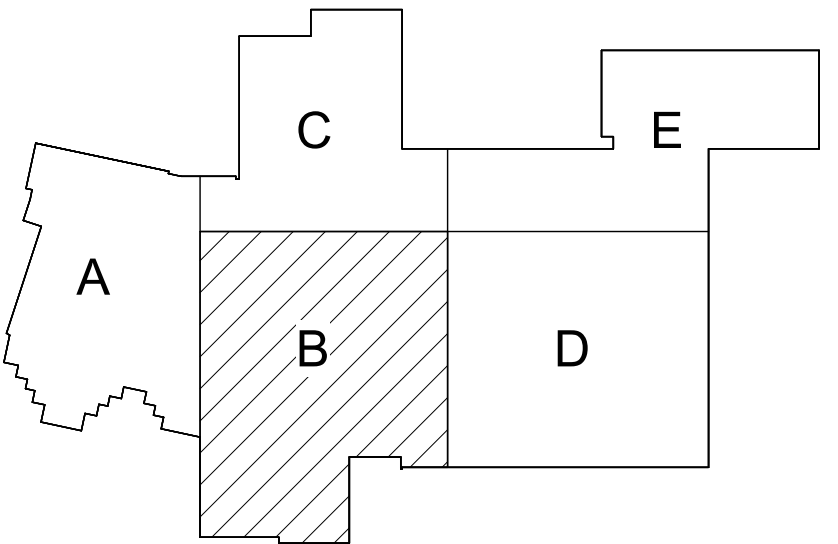
- (1H) SAW CUT OPENING IN WALL TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. PROVIDE LINTEL PER LINTEL SCHEDULE. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES.
- (1N) ARTWORK/PLAQUES TO REMAIN - DO NOT DAMAGE. REMOVAL BY OWNER.
- (3A) REMOVE CONCRETE LOADING DOCK SYSTEM IN ITS ENTIRETY, INCLUDING BUT NOT LIMITED TO MASONRY PERIMETER WALLS, SLAB, AND RAILINGS. PROVIDE CLEAN SAW CUT LINES AT EXISTING TO REMAIN MASONRY IN PREPARATION FOR NEW LOADING DOCK CONSTRUCTION.
- (8A) REMOVE STOREFRONT SYSTEM COMPLETELY. PREPARE OPENING TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. PROTECT AND DELIVER TO OWNER'S STORAGE LOCATION FOR THEIR RE-USE.
- (8F) REMOVE DOOR LOCKSET AND ASSOCIATED HARDWARE IN PREPARATION FOR NEW LEVERSET WITH LOCKDOWN HARDWARE. REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE AND TO COORDINATE REQUIRED REMOVALS TO FACILITATE NEW HARDWARE INSTALLATION.
- (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.
- (10A) 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.
- (10A) REMOVE TEACHING SURFACES INCLUDING MARKER BOARDS, TACK BOARDS AND CHALK BOARDS. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. PROTECT AND DELIVER TO OWNER'S STORAGE LOCATION FOR THEIR RE-USE.
- (12A) REMOVE CASEWORK, SHELVING AND EQUIPMENT IN ITS ENTIRETY. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES.
- (12B) REMOVE DISPLAY CASEWORK (INCLUDING ALL ASSOCIATED COMPONENTS). PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. PROTECT AND DELIVER TO OWNER'S STORAGE LOCATION FOR THEIR RE-USE.

SUFFIX KEY (FLOOR FINISH IDENTIFICATIONS):

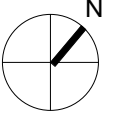
- A CARPET
- K GYM WOOD FLOORING SYSTEM DOWN TO CONCRETE.

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/PLAQUES NOT PERMANENTLY AFFIXED TO EXISTING CONSTRUCTION SHALL BE REMOVED AND STORED BY OWNER PRIOR TO BEGINNING DEMOLITION WORK. CONTACT OWNER'S AGENTS IF ANY ARTWORK/PLAQUES ARE ENCOUNTERED PRIOR TO START OF DEMOLITION WORK.
- E. EXISTING WINDOW-MOUNTED A/C UNITS SHALL BE REMOVED AND STORED BY OWNER PRIOR TO START OF DEMOLITION WORK.
- F. COORDINATE DEMOLITION PLANS WITH NEW WORK PLANS FOR DIMENSIONS OF CERTAIN ITEMS.

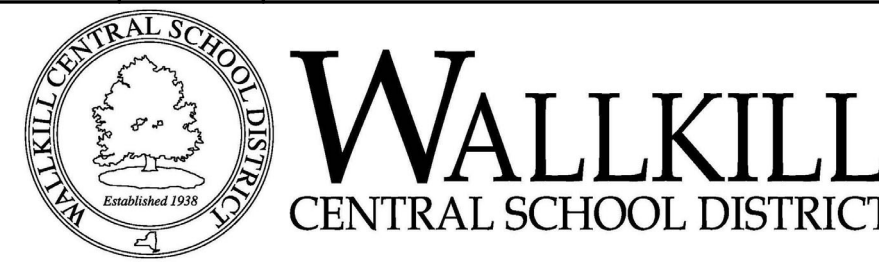


Key Plan
N.T.S.



S.E.D. Control No. 62-18-01-06-0-007-018

Rev. No.: Date: Description:



complex world
CLEAR SOLUTIONS

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

BID SET



Walkkill Central School District
Walkkill, New York

Reconstruction to:
Walkkill Senior High School

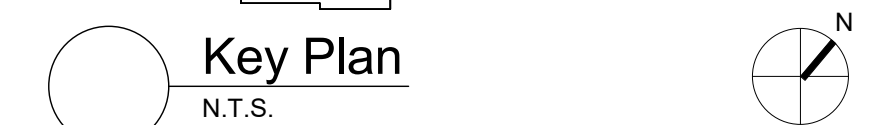
First Floor Demolition Plan - Area B

Drawn By: TTAE	Date: 11/4/2022	Drawing Number:
Project No.: 17597-22001		AA102



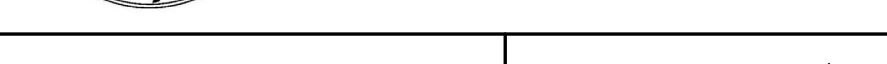
1H	SAW CUT OPENING IN WALL TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. PROVIDE LINTEL PER LINTEL SCHEDULE. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES.
1N	ARTWORK/PLAQUES TO REMAIN - DO NOT DAMAGE. REMOVAL BY OWNER.
2A	REMOVE CONCRETE LOADING GRID SYSTEM IN ITS ENTIRETY, INCLUDING BUT NOT LIMITED TO MASONRY PERIMETER WALLS, SLABS, AND RAILINGS. PROVIDE CLEAN SAW CUT LINES AT EXPOSED SURFACES TO REMAIN. PREPARE AND DELIVER TO OWNER'S STORAGE LOCATION FOR THEIR RE-USE.
6A	REMOVE STOREFRONT SYSTEM COMPLETELY. PREPARE OPENING TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. PROTECT AND DELIVER TO OWNER'S STORAGE LOCATION FOR THEIR RE-USE.
8P	REMOVE DOOR LOOKSET AND ASSOCIATED HARDWARE IN PREPARATION FOR NEW LEVERSET WITH LOCKDOWN HARDWARE. REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE AND INSTRUCTORS. PROVIDE REQUIRED REMOVALS TO FACILITATE NEW HARDWARE INSTALLATION.
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 RINSE CEILING GRID TO REPAIR.
9D-X	REMOVE FLOOR FINISH, MASTIC AND WALL BASE TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. AT ALL AREAS OF FLOOR REMOVAL, LIFT SLAB WITH ADJACENT SLABS AT LOCATION SCHEDULED TO RECEIVE FLOOR FINISH. INCLUDE CONCRETE FLOOR PATCHES AND LEVELING MATERIALS TO MATCH EXISTING FLOOR PATCHES. PREPARE AND DELIVER AREAS OF WALLS TO REMAIN THAT WERE DAMAGED BY REMOVAL OF WALL BASE.
SUFFIX KEY (FLOOR FINISH IDENTIFICATIONS):	
A	CARPET
K	GYM WOOD FLOOR SYSTEM DOWN TO CONCRETE.
10A	REMOVE TEACHING SURFACES INCLUDING MARKER BOARDS, TACK BOARDS AND CHALK BOARDS. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. PROTECT AND DELIVER TO OWNER'S STORAGE LOCATION FOR THEIR RE-USE.
12A	REMOVE CASEWORK, SHELVING AND EQUIPMENT IN ITS ENTIRETY. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES.
12B	REMOVE DISPLAY CASEWORK (INCLUDING ALL ASSOCIATED COMPONENTS). PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. PROTECT AND DELIVER TO OWNER'S STORAGE LOCATION FOR THEIR RE-USE.

- A. ~~KEYED~~ 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 LINE POINTING TO A 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 INDICATED BY THE LEADER LINE.
- C. WHEN AN ITEM IS INDICATED TO BE DEMOLISHED REMOVE ALL ASSOCIATED COMPONENTS AS PART OF THAT WORK.
- D. ALL WORK/REQUESTS 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 WORK/REQUESTS ARE NOT REMOVED PRIOR TO STARTING DEMOLITION WORK.
- E. EXISTING WINDOW-MOUNTED A/C UNITS SHALL BE REMOVED AND STORED BY OWNER PRIOR TO START OF DEMOLITION WORK.
- F. COORDINATE DEMOLITION PLANS WITH NEW WORK PLANS FOR DIMENSIONS OF CERTAIN ITEMS.



S.E.D. Control No. 62-18-01-06-0-007-018

Rev. No.:	Date:	Description:
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	BID SET
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TETRA TECH
ARCHITECTS & ENGINEERS

Reconstruction to:
Wallkill Senior High School

First Floor Demolition Plan - Area C

Drawn By: TTAE	Date: 11/4/2022	Drawing Number: AA103
Project No.: 17597-22001		



11) SAW CUT OPENING IN WALL TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. PROVIDE LINTEL PER LINTEL SCHEDULE. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES.

1N) ARTWORK/PLAQUES TO REMAIN - DO NOT DAMAGE. REMOVAL BY OWNER.

3A) REMOVE CONCRETE LOADING DOCK SYSTEM IN ITS ENTIRETY, INCLUDING BUT NOT LIMITED TO MASONRY PERMITTER WALLS, SLAB, AND RAILINGS. PROVIDE CLEAN SAW CUT LINES AT EXTERIOR TO REMAIN MASONRY IN PREPARATION FOR NEW LOADING DOCK CONSTRUCTION.

8A) REMOVE STOREFRONT SYSTEM COMPLETELY. PREPARE OPENING TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. DELIVER TO OWNER'S STORAGE LOCATION FOR THEIR RE-USE.

8F) REMOVE DOR LOCKSET AND ASSOCIATED HARDWARE IN PREPARATION FOR NEW LEVERSET WITH LOCKDOWN HARDWARE. REFER TO DOR HARDWARE SCHEDULE FOR HARDWARE AND INSTALLATION. PROVIDE PATCH REMOVALS TO FACILITATE NEW HARDWARE INSTALLATION.

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.

9D-X) REMOVE FLOOR FINISH, MASTIC AND WALL BASE TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. AT ALL AREAS OF REMOVAL, LEVEL BASE WITH ADJACENT SLAB AT LOCATIONS SCHEDULED TO RECEIVE FLOOR FINISH. INCLUDE CONCRETE FLOOR PATCHING AND LEVELING MATERIALS TO MATCH SURFACE LEVEL. PROVIDE PATCH REMOVALS AT AREAS OF WALLS TO REMAIN THAT WERE DAMAGED BY REMOVAL OF WALL BASE.

SUFFIX KEY (FLOOR FINISH IDENTIFICATIONS):

A. CARPET.

K. EASY WOOD FLOORING SYSTEM DOWN TO CONCRETE.

10A) REMOVE TEACHING SURFACES INCLUDING MARKER BOARDS, TACK BOARDS AND CHALK BOARDS. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. DELIVER AND DELIVER TO OWNER'S STORAGE LOCATION FOR THEIR RE-USE.

12A) REMOVE CASEWORK, SHELVING AND EQUIPMENT IN ITS ENTIRETY. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES.

12B) REMOVE DISPLAY CASEWORK (INCLUDING ALL ASSOCIATED COMPONENTS). PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. PROVIDE PATCH REMOVALS TO FACILITATE NEW HARDWARE INSTALLATION. DELIVER TO OWNER'S STORAGE LOCATION FOR THEIR RE-USE.

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 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 AN END POINT TO A SPECIFIC ITEM(S) REFER TO DEMOLITION OF THAT SPECIFIC ITEM ONLY OF THAT TYPE WITHIN THAT SPACE.

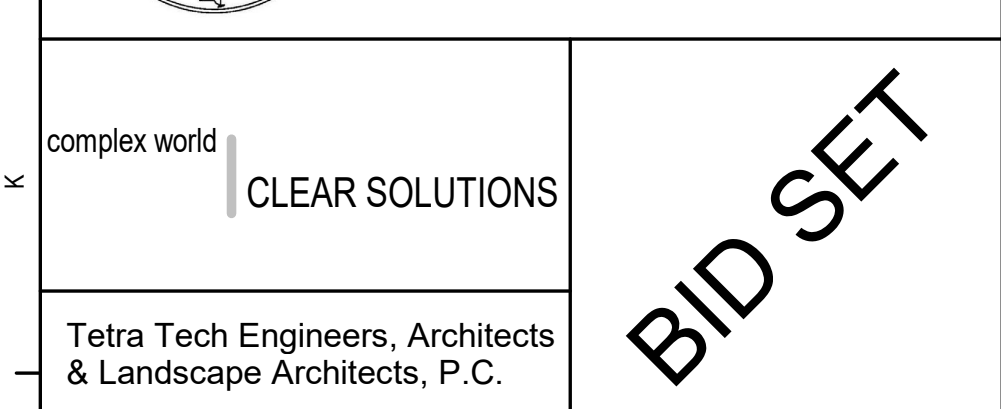
3. DEMOLITION TAGS IN SERIES REFER TO DEMOLITION OF ALL THE SAME ITEMS EITHER WITHIN THAT ENTIRE SPACE OR TO THE SPACE IDENTIFIED BY THAT LEADER.

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

D. ALL ARTWORK/PLAQUES 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/PLAQUES ARE ENCOUNTERED PRIOR TO START OF DEMOLITION WORK.

E. EXISTING WINDOW-MOUNTED AIR UNITS SHALL BE REMOVED AND STORED BY OWNER PRIOR TO BEGINNING DEMOLITION WORK.

F. COORDINATE DEMOLITION PLANS WITH NEW WORK PLANS FOR DIMENSIONS OF CERTAIN ITEMS.

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M	Reconstruction to: Wallkill Senior High School
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N	Drawn By: TTAE		Date: 11/4/2022	Drawing Number: <div style="font-size: 2em; font-weight: bold;">AA104</div>
	Project No.: 17597-22001			

AA104



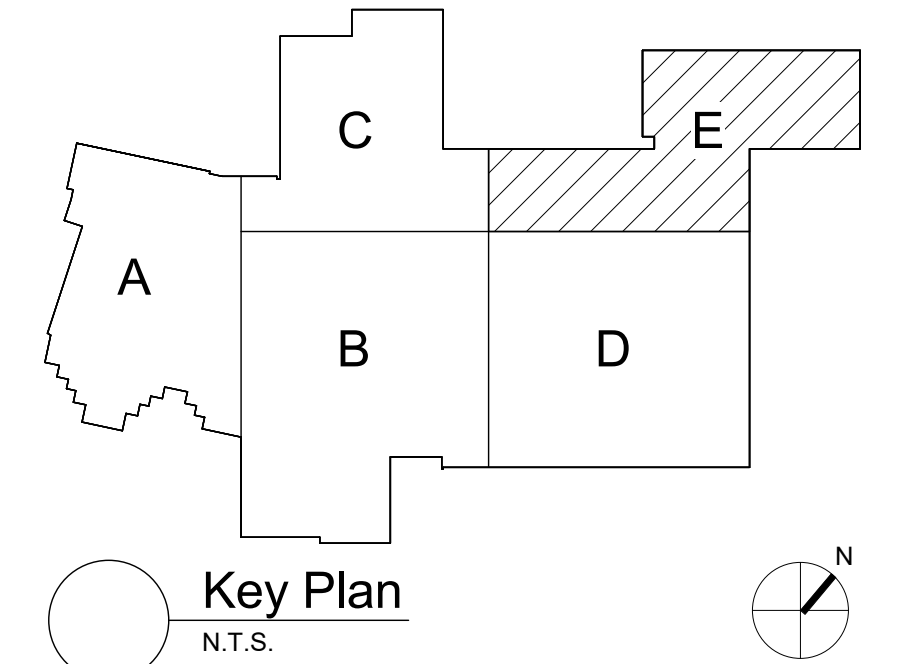
1 First Floor Demolition Plan - Area E
1/8" = 1'-0"

Demolition Key Notes

- (1H) SAW CUT OPENING IN WALL TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. PROVIDE LINTEL PER LINTEL SCHEDULE. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES.
- (1N) ARTWORK/PLAQUES TO REMAIN - DO NOT DAMAGE. REMOVAL BY OWNER.
- (3A) REMOVE CONCRETE LOADING DOCK SYSTEM IN ITS ENTIRETY, INCLUDING BUT NOT LIMITED TO MASONRY PERIMETER WALLS, SLAB, AND RAILINGS. PROVIDE CLEAN SAW CUT LINES AT EXISTING TO REMAIN MASONRY IN PREPARATION FOR NEW LOADING DOCK CONSTRUCTION.
- (8A) REMOVE STOREFRONT SYSTEM COMPLETELY. PREPARE OPENING TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. PROTECT AND DELIVER TO OWNER'S STORAGE LOCATION FOR THEIR RE-USE.
- (8F) REMOVE DOOR LOCKSET AND ASSOCIATED HARDWARE IN PREPARATION FOR NEW LEVERSET WITH LOCKDOWN HARDWARE. REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE AND TO COORDINATE REQUIRED REMOVALS TO FACILITATE NEW HARDWARE INSTALLATION.
- (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.
- (9D) 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
 - K. GYM WOOD FLOORING SYSTEM DOWN TO CONCRETE.
- (10A) REMOVE TEACHING SURFACES INCLUDING MARKER BOARDS, TACK BOARDS AND CHALK BOARDS. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. PROTECT AND DELIVER TO OWNER'S STORAGE LOCATION FOR THEIR RE-USE.
- (12A) REMOVE CASEWORK, SHELVING AND EQUIPMENT IN ITS ENTIRETY. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES.
- (12B) REMOVE DISPLAY CASEWORK (INCLUDING ALL ASSOCIATED COMPONENTS). PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. PROTECT AND DELIVER TO OWNER'S STORAGE LOCATION FOR THEIR RE-USE.

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/PLAQUES 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/PLAQUES ARE ENCOUNTERED PRIOR TO START OF DEMOLITION WORK.
- E. EXISTING WINDOW-MOUNTED A/C UNITS SHALL BE REMOVED AND STORED BY OWNER PRIOR TO START OF DEMOLITION WORK.
- F. COORDINATE DEMOLITION PLANS WITH NEW WORK PLANS FOR DIMENSIONS OF CERTAIN ITEMS.



S.E.D. Control No. 62-18-01-06-0-007-018

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complex world
CLEAR SOLUTIONS

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

BID SET



Wallkill Central School District
Wallkill, New York

Reconstruction to:
Wallkill Senior High School

First Floor Demolition Plan - Area E

Drawn By: TTAE	Date: 11/4/2022	Drawing Number:
Project No.: 17597-22001	AA105	



1) SAW CUT OPENING IN WALL TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. PROVIDE LINTEL PER LINTEL SCHEDULE. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES.

1N) ARTWORK/PLAQUES TO REMAIN - DO NOT DAMAGE. REMOVAL BY OWNER.

3A) REMOVE CONCRETE LOADING DOCK SYSTEM IN ITS ENTIRETY, INCLUDING BUT NOT LIMITED TO MASONRY PERMITTER WALLS, SLAB, AND RAILINGS. PROVIDE CLEAN SAW CUT LINES AT EXISTING TO REMAIN MASONRY IN PREPARATION FOR NEW LOADING DOCK CONSTRUCTION.

6A) REMOVE STOREFRONT SYSTEM COMPLETELY. PREPARE OPENING TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. PROTECT AND DELIVER TO OWNER'S STORAGE LOCATION FOR THEIR RE-USE.

8P) REMOVE DOOR LOCKSET AND ASSOCIATED HARDWARE IN PREPARATION FOR NEW LEVEREST WITH LOCKDOWN HARDWARE. REFER TO DOOR HARDWARE SCHEDULE FOR HARDWARE AND TO LOCKDOWN SCHEDULE FOR REQUIRED REMOVALS TO FACILITATE NEW HARDWARE INSTALLATION.

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

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

9D-X) REMOVE FLOOR FINISH, MASTIC AND WALL BASE TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. AT ALL AREAS OF REMOVAL, LEVEL SLAB WITH ADJACENT SLABS AT LOCATIONS SCHEDULED TO RECEIVE FLOOR FINISH. INCLUDE CONCRETE FLOOR PATCHING AND LEVELING MATERIALS TO MATCH SURFACE LEVEL. PROTECT AND DELIVER TO OWNER'S WALLS TO REMAIN THAT WERE DAMAGED BY REMOVAL OF WALL BASE.

SUFFIX KEY (FOR OR FINISH IDENTIFICATIONS):

1) C. CORESET
2) CY. WOOD FLOORING SYSTEM DOWN TO CONCRETE.

10A) REMOVE TEACHING SURFACES INCLUDING MARKER BOARDS, TACK BOARDS AND CHALK BOARDS. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. PROTECT AND DELIVER TO OWNER'S STORAGE LOCATION FOR THEIR RE-USE.

12A) REMOVE CASEWORK, SHELVING AND EQUIPMENT IN ITS ENTIRETY. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES.

12B) REMOVE DISPLAY CASEWORK (INCLUDING ALL ASSOCIATED COMPONENTS). PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. PROTECT AND DELIVER TO OWNER'S STORAGE LOCATION FOR THEIR RE-USE.

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

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

1. DEMONSTRATION TAGS LOCATED WITHIN THE MIDDLE OF A SPACE REFER TO DEMONOLATION OF ALL ITEMS OF THAT SAME TYPE WITHIN THAT ENTIRE SPACE.

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

3. DEMONSTRATION TAGS IN SERIES REFER TO DEMONOLATION OF ALL THOSE ITEMS EITHER WITHIN THAT ENTIRE SPACE OR TO THE ITEM IDENTIFIED BY THE LEADER.

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

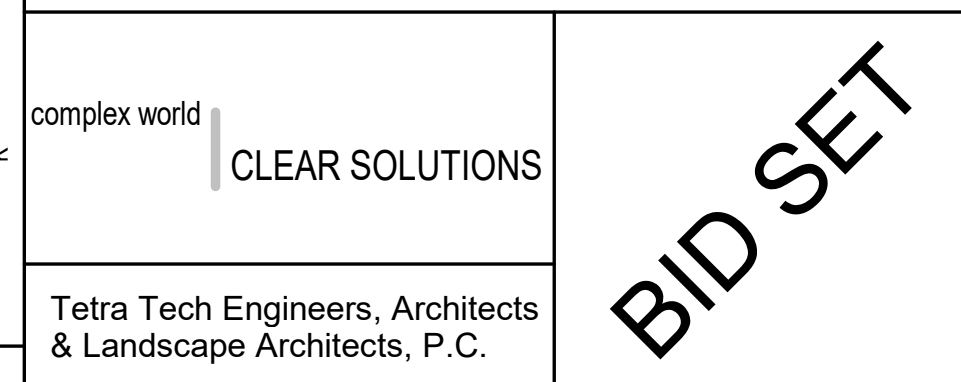
D. ALL ART/WORK/PLAQUES NOT PERMANENTLY AFFIXED TO EXISTING CONSTRUCTION SHALL BE REMOVED AND STORED BY OWNER PRIOR TO BEGINNING DEMONOLITION WORK. CONTACT OWNER'S AGENT(S) FOR ADDRESS AND STORAGE LOCATION OF THE COORDINATED PRIOR TO START OF DEMONOLITION WORK.

E. EXISTING WINDOW-MOUNTED AC UNITS SHALL BE REMOVED AND STORED BY OWNER PRIOR TO START OF DEMONOLITION WORK.

F. COORDINATE DEMONOLITION PLANS WITH NEW WORK PLANS FOR REMEDIATION OF CERTAIN ITEMS.



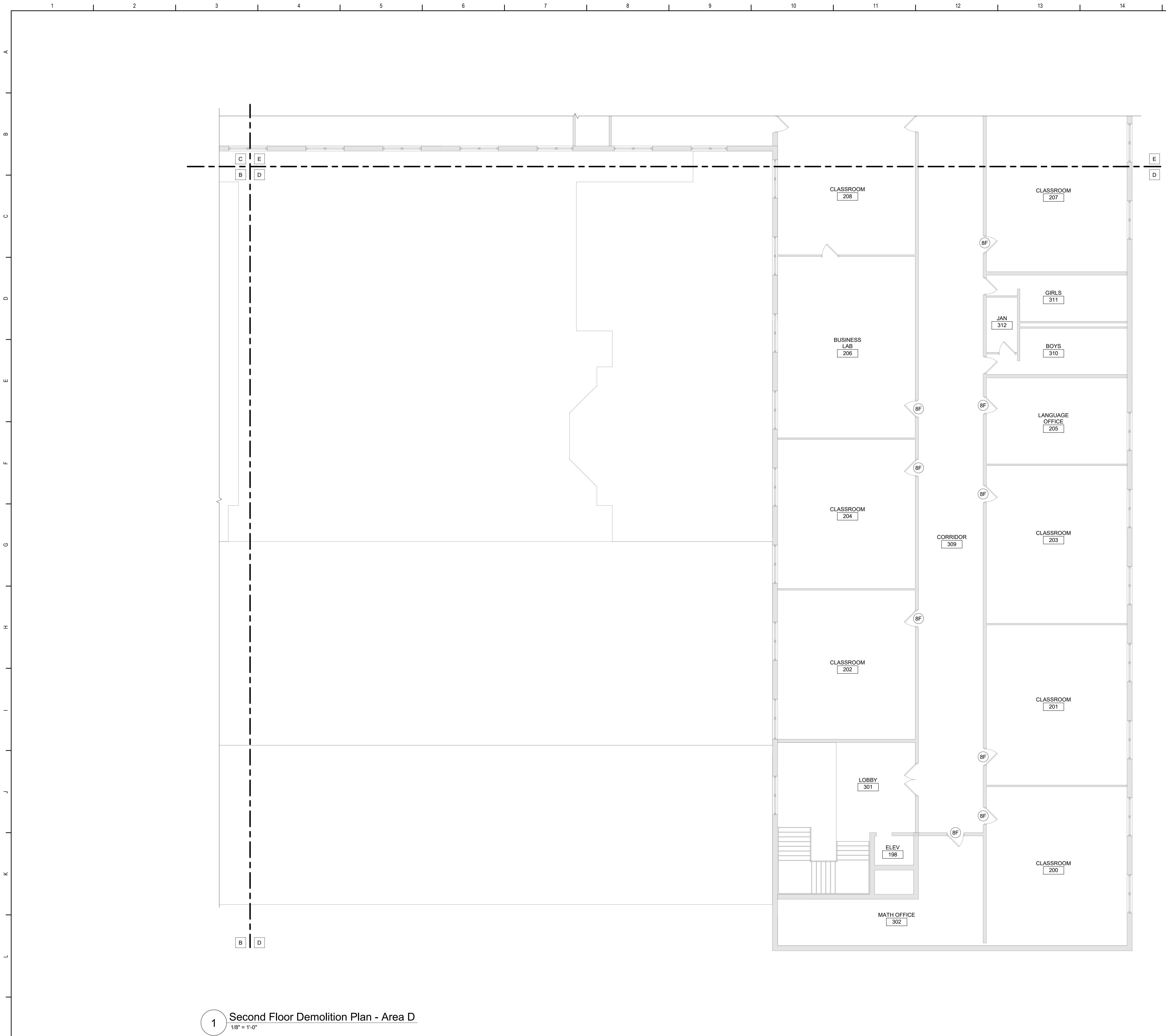
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Reconstruction to: Wallkill Senior High School

Drawn By: TTAE	Date: 11/4/2022	Drawing Number:
Project No.: 17597-22001		AA108

AA108



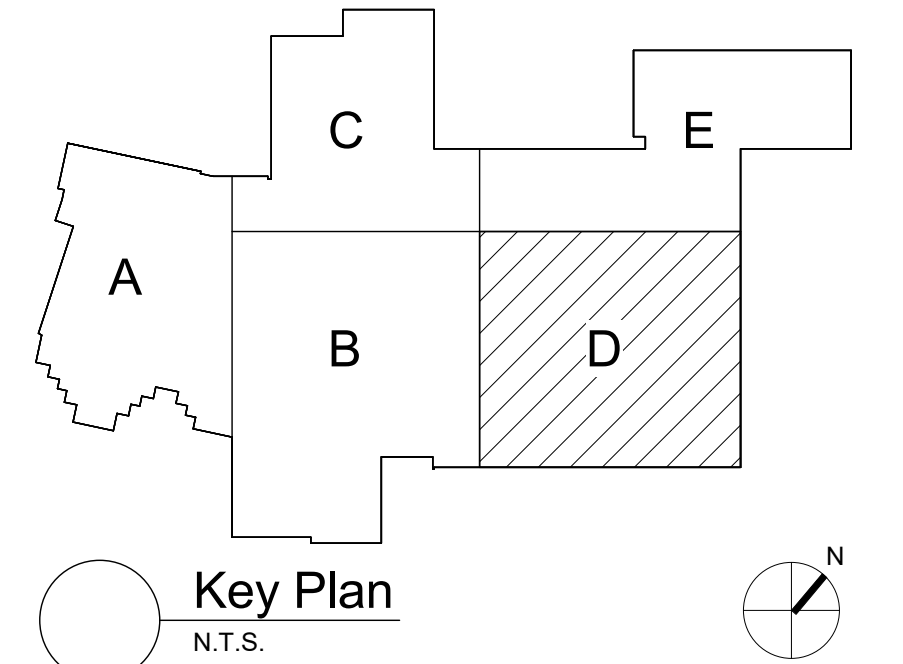
1 Second Floor Demolition Plan - Area D
1/8" = 1'-0"

Demolition Key Notes

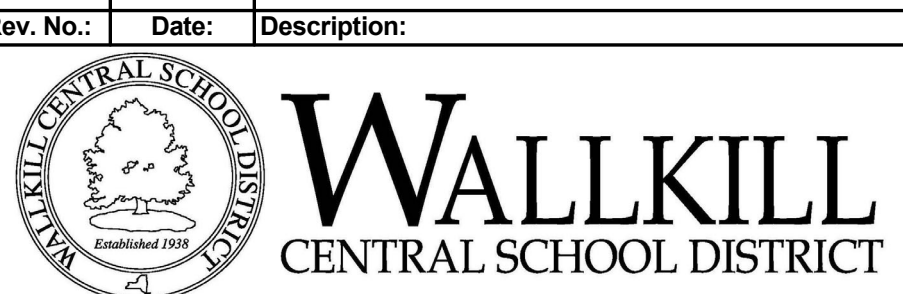
- 1H SAW CUT OPENING IN WALL TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. PROVIDE LINTEL PER LINTEL SCHEDULE. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES.
- 1N ARTWORK/PLAQUES TO REMAIN - DO NOT DAMAGE. REMOVAL BY OWNER.
- 3A REMOVE CONCRETE LOADING DOCK SYSTEM IN ITS ENTIRETY, INCLUDING BUT NOT LIMITED TO MASONRY PERIMETER WALLS, SLAB, AND RAILINGS. PROVIDE CLEAN SAW CUT LINES AT EXISTING TO REMAIN MASONRY IN PREPARATION FOR NEW LOADING DOCK CONSTRUCTION.
- 8A REMOVE STOREFRONT SYSTEM COMPLETELY. PREPARE OPENING TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. PROTECT AND DELIVER TO OWNER'S STORAGE LOCATION FOR THEIR RE-USE.
- 8F REMOVE DOOR LOCKSET AND ASSOCIATED HARDWARE IN PREPARATION FOR NEW LEVERSET WITH LOCKDOWN HARDWARE. REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE AND TO COORDINATE REQUIRED REMOVALS TO FACILITATE NEW HARDWARE INSTALLATION.
- 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.
- 9D-3 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
 - K GYM WOOD FLOORING SYSTEM DOWN TO CONCRETE.
- 10A REMOVE TEACHING SURFACES INCLUDING MARKER BOARDS, TACK BOARDS AND CHALK BOARDS. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. PROTECT AND DELIVER TO OWNER'S STORAGE LOCATION FOR THEIR RE-USE.
- 12A REMOVE CASEWORK, SHELVING AND EQUIPMENT IN ITS ENTIRETY. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES.
- 12B REMOVE DISPLAY CASEWORK (INCLUDING ALL ASSOCIATED COMPONENTS). PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. PROTECT AND DELIVER TO OWNER'S STORAGE LOCATION FOR THEIR RE-USE.

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/PLAQUES 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/PLAQUES ARE ENCOUNTERED PRIOR TO START OF DEMOLITION WORK.
- E. EXISTING WINDOW-MOUNTED A/C UNITS SHALL BE REMOVED AND STORED BY OWNER PRIOR TO START OF DEMOLITION WORK.
- F. COORDINATE DEMOLITION PLANS WITH NEW WORK PLANS FOR DIMENSIONS OF CERTAIN ITEMS.



S.E.D. Control No. 62-18-01-06-0-007-018



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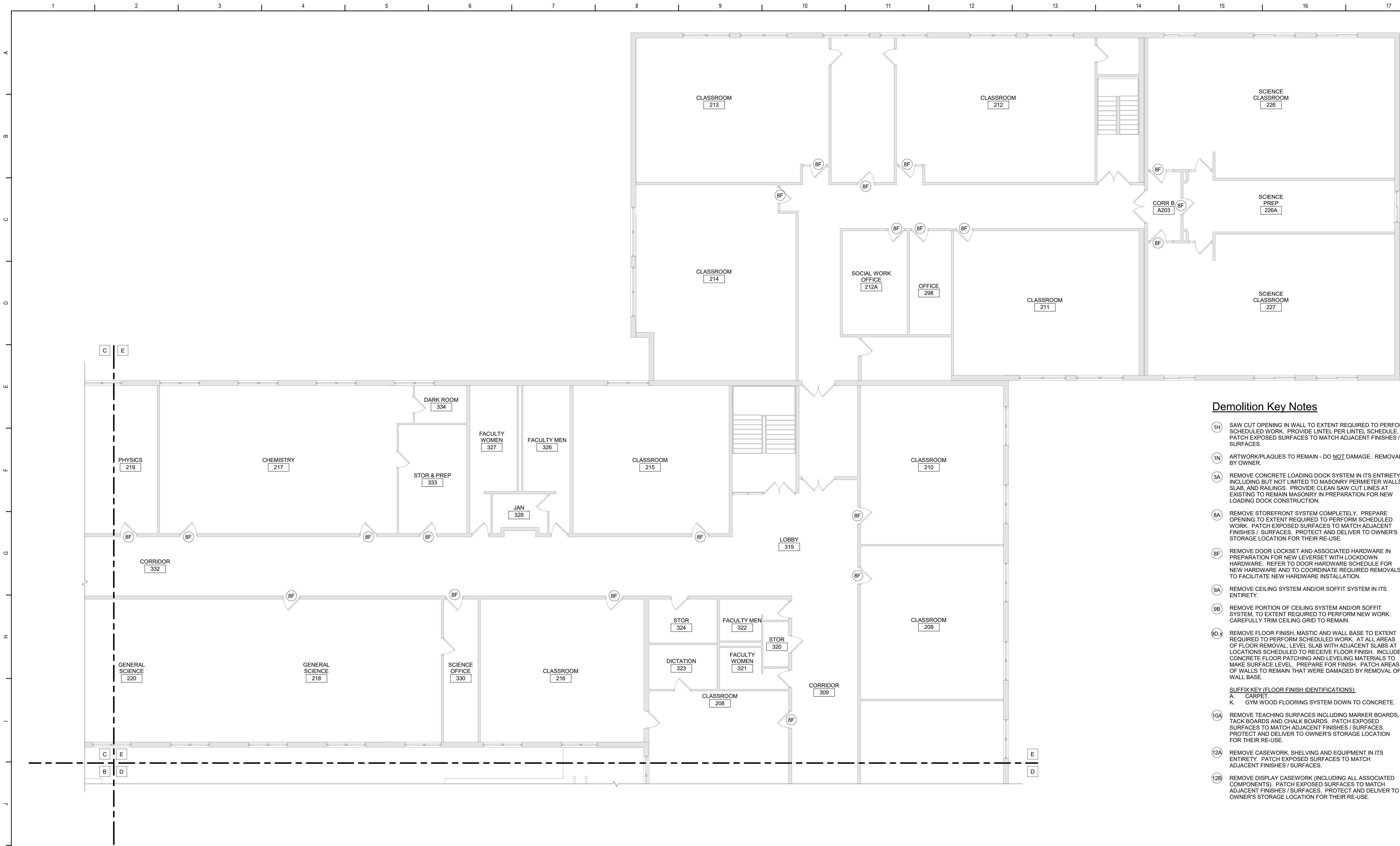


Wallkill Central School District
Wallkill, New York

Reconstruction to:
Wallkill Senior High School

Second Floor Demolition Plan - Area D

Drawn By: TTAE	Date: 11/4/2022	Drawing Number: AA109
Project No.: 17597-22001		



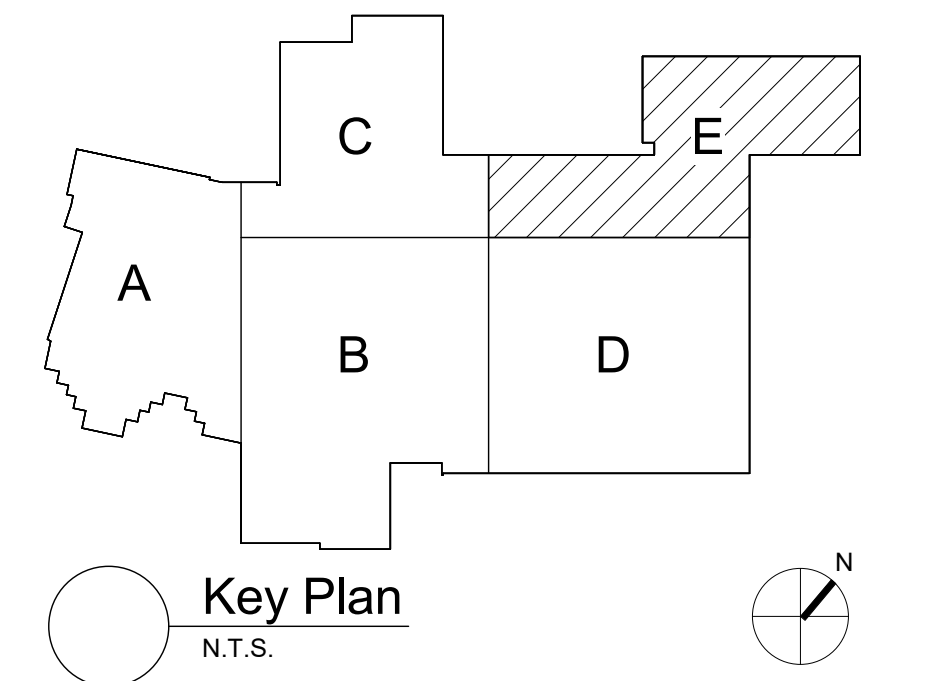
1 Second Floor Demolition Plan - Area E
1/8" = 1'-0"

Demolition Key Notes

- (1H) SAW CUT OPENING IN WALL TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. PROVIDE LINTEL PER LINTEL SCHEDULE. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES.
- (1N) ARTWORK/PILAQUES TO REMAIN - DO NOT DAMAGE. REMOVAL BY OWNER.
- (3A) REMOVE CONCRETE LOADING DOCK SYSTEM IN ITS ENTIRETY, INCLUDING BUT NOT LIMITED TO MASONRY PERIMETER WALLS, SLAB, AND RAILINGS. PROVIDE CLEAN SAW CUT LINES AT EXISTING TO REMAIN MASONRY IN PREPARATION FOR NEW LOADING DOCK CONSTRUCTION.
- (8A) REMOVE STOREFRONT SYSTEM COMPLETELY. PREPARE OPENING TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. PROTECT AND DELIVER TO OWNER'S STORAGE LOCATION FOR THEIR RE-USE.
- (8F) REMOVE DOOR LOCKSET AND ASSOCIATED HARDWARE IN PREPARATION FOR NEW LEVERSET WITH LOCKDOWN HARDWARE. REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE AND TO COORDINATE REQUIRED REMOVALS TO FACILITATE NEW HARDWARE INSTALLATION.
- (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.
- (9D-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.
 - K. GYM WOOD FLOORING SYSTEM DOWN TO CONCRETE.
- (10A) REMOVE TEACHING SURFACES INCLUDING MARKER BOARDS, TACK BOARDS AND CHALK BOARDS. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. PROTECT AND DELIVER TO OWNER'S STORAGE LOCATION FOR THEIR RE-USE.
- (12A) REMOVE CASEWORK, SHELVING AND EQUIPMENT IN ITS ENTIRETY. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES.
- (12B) REMOVE DISPLAY CASEWORK (INCLUDING ALL ASSOCIATED COMPONENTS). PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. PROTECT AND DELIVER TO OWNER'S STORAGE LOCATION FOR THEIR RE-USE.

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.
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 - 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/PILAQUES 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/PILAQUES ARE ENCOUNTERED PRIOR TO START OF DEMOLITION WORK.
- E. EXISTING WINDOW-MOUNTED A/C UNITS SHALL BE REMOVED AND STORED BY OWNER PRIOR TO START OF DEMOLITION WORK.
- F. COORDINATE DEMOLITION PLANS WITH NEW WORK PLANS FOR DIMENSIONS OF CERTAIN ITEMS.



S.E.D. Control No. 62-18-01-06-0-007-018

Rev. No.:	Date:	Description:
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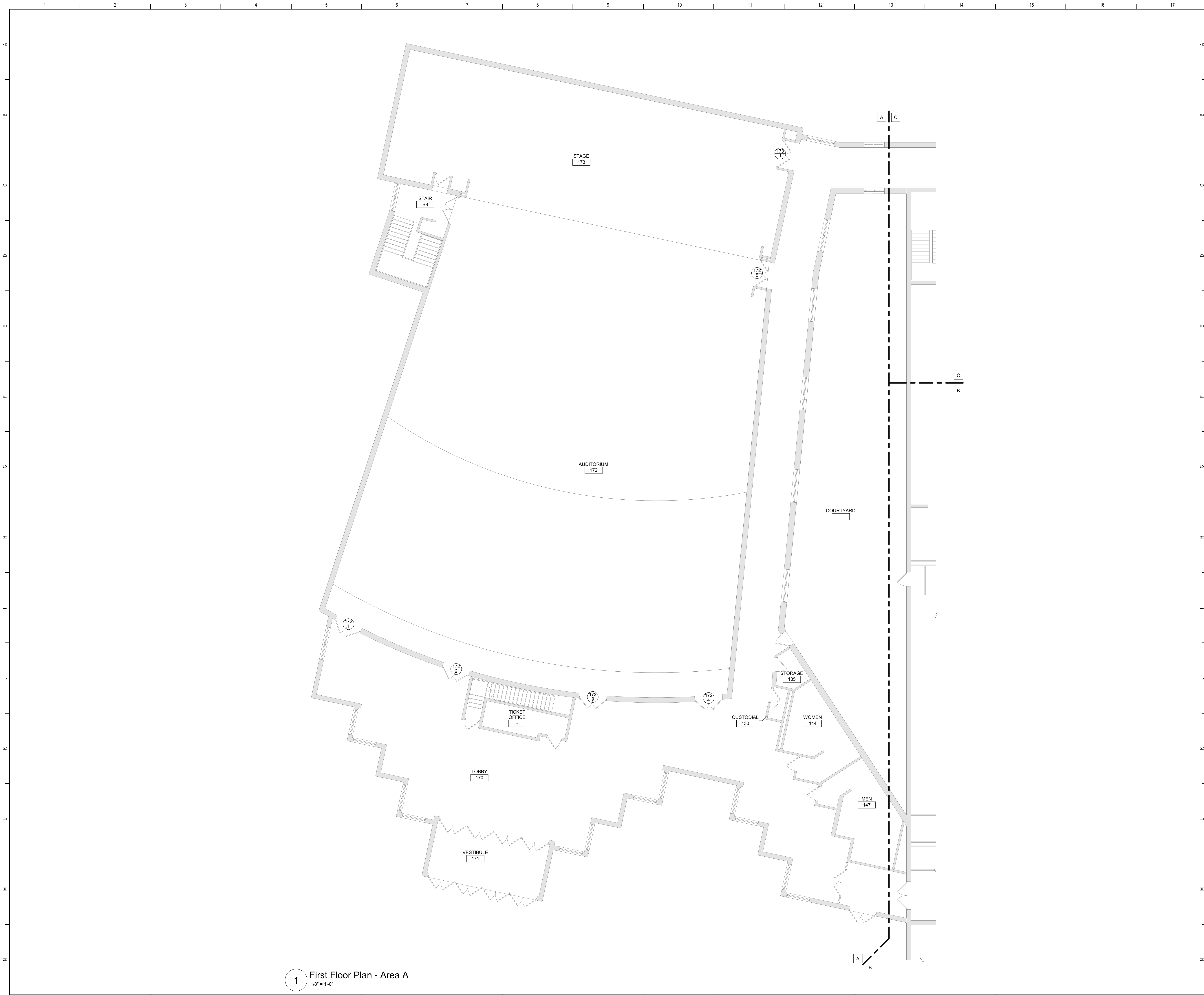


Wallkill Central School District
Wallkill, New York

Reconstruction to:
Wallkill Senior High School

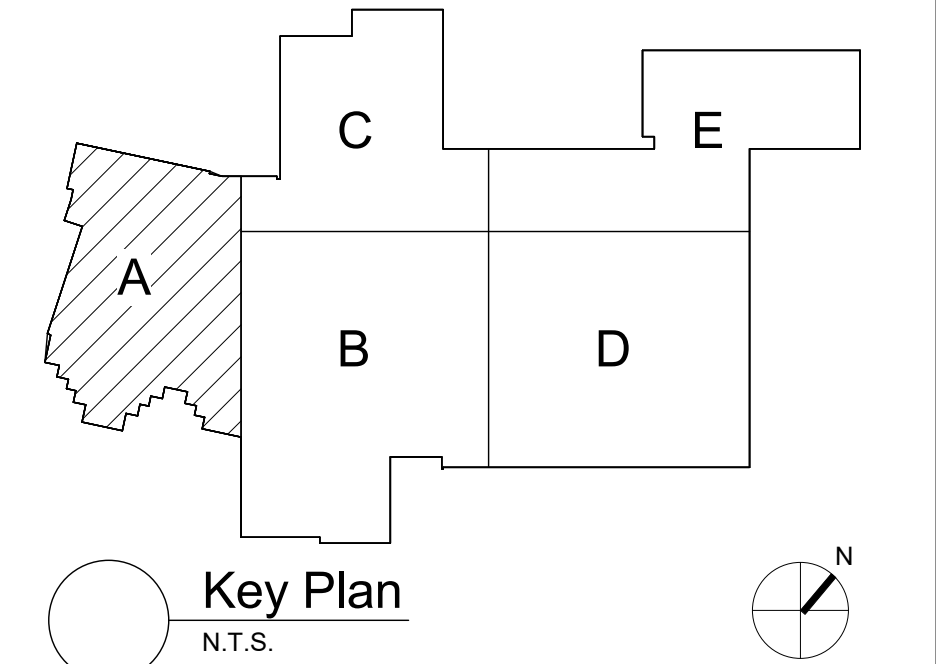
Second Floor Demolition Plan - Area E

Drawn By: TTAE	Date: 11/4/2022	Drawing Number:
Project No.: 17597-22001	AA110	



1 First Floor Plan - Area A
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.
 - C. INFILL AREAS OF RECESSED FLOOR MAT AND/OR FINISH REMOVALS WITH REPAIR MATERIAL PROVIDE SUBSTRATE LEVEL AS REQUIRED SO SCHEDULED FINISHED FLOOR WILL MATCH THAT OF EXISTING ADJACENT AREAS.



S.E.D. Control No. 62-18-01-06-0-007-018

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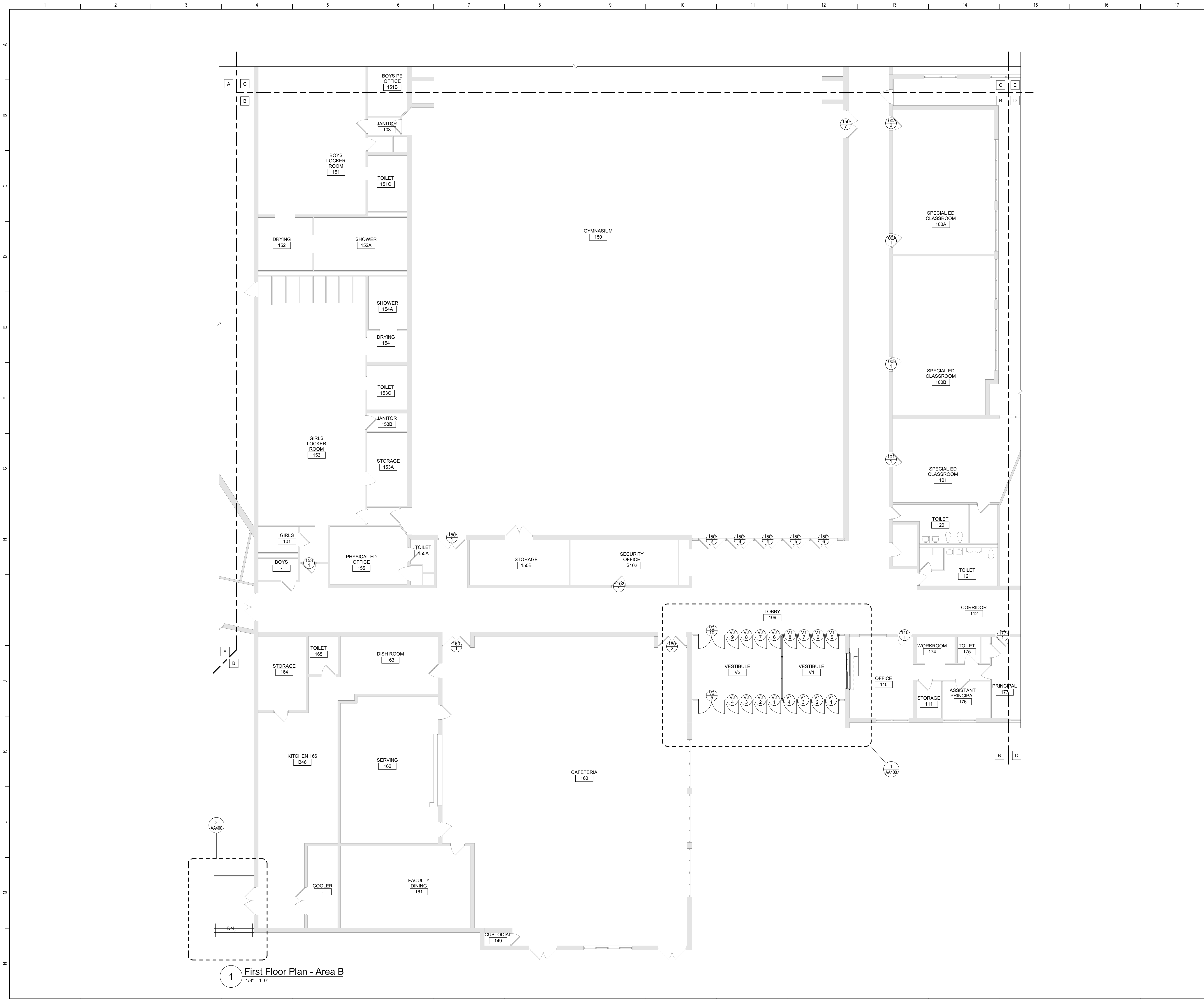


Wallkill Central School District
Wallkill, New York

Reconstruction to:
Wallkill Senior High School

First Floor Plan - Area A

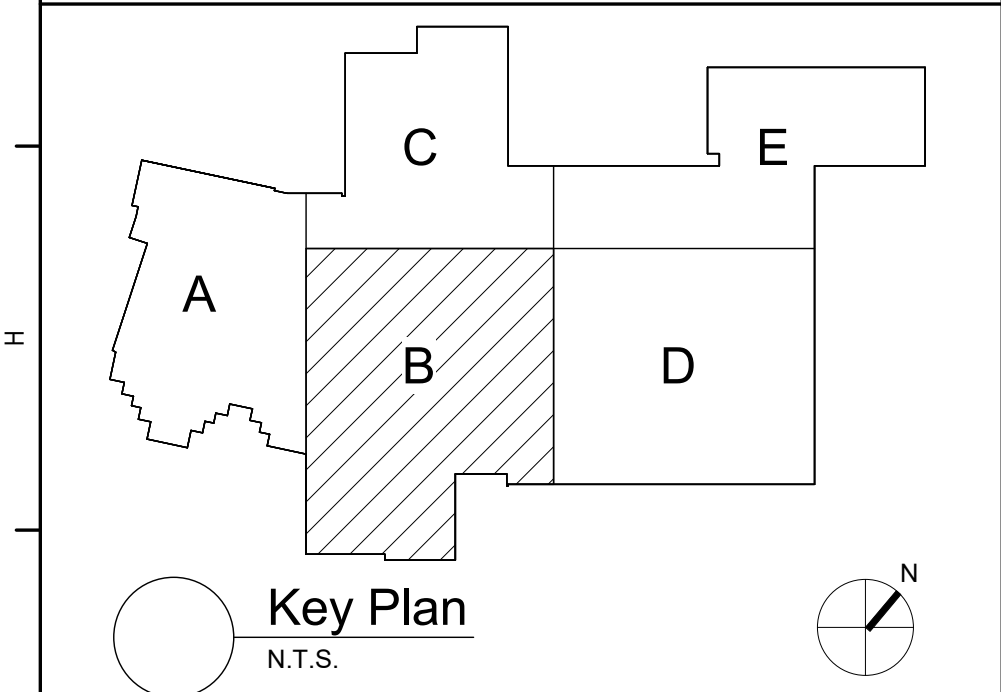
Drawn By: TTAE	Date: 11/4/2022	Drawing Number:
Project No.: 17597-22001	AA131	



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

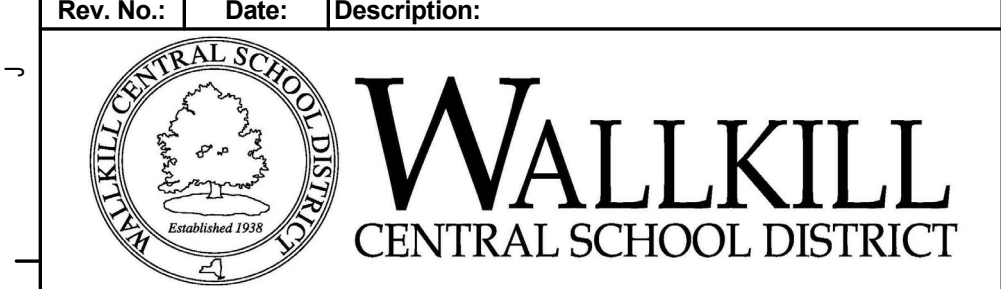
General Plan Notes

- 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.
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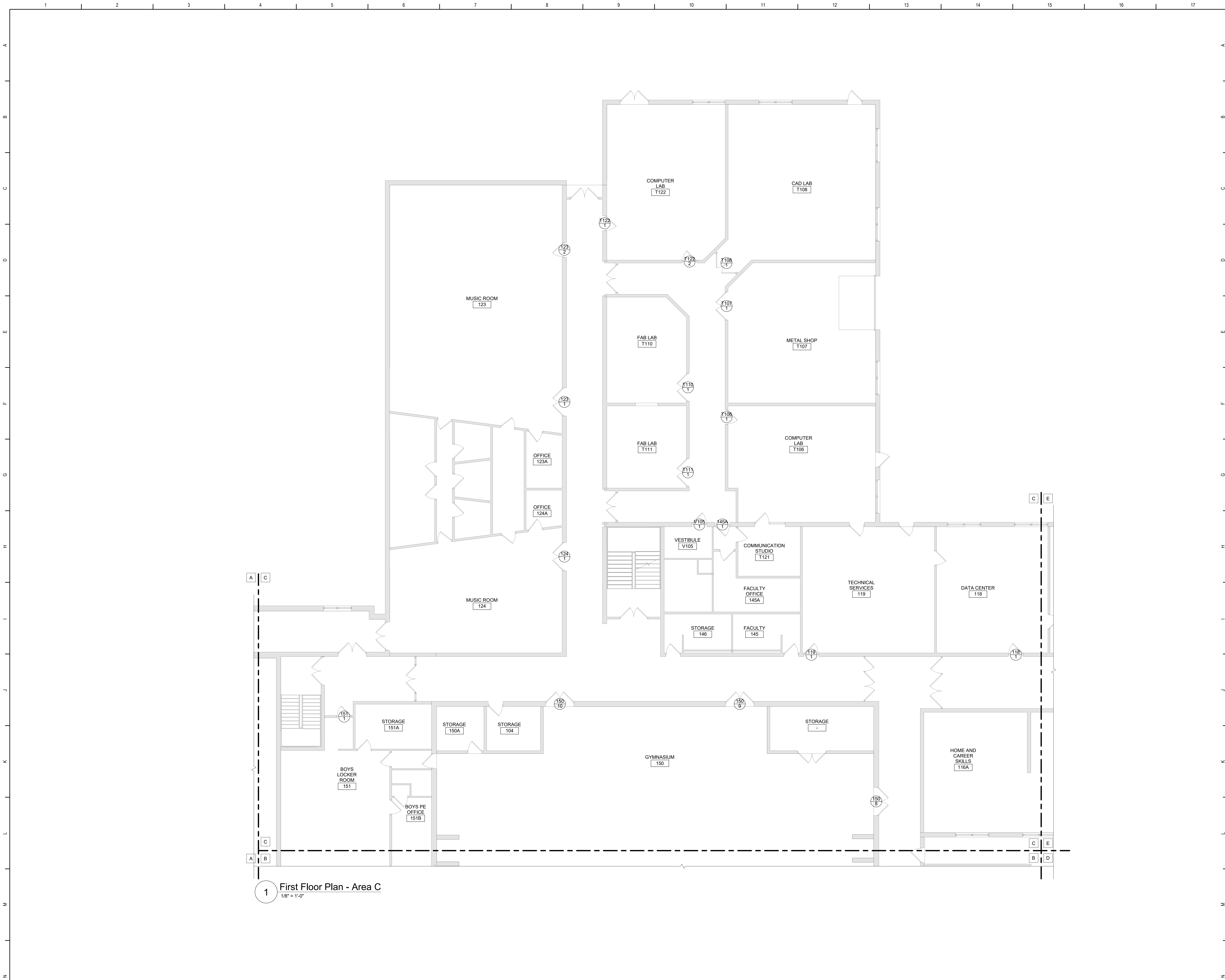


Wallkill Central School District
Wallkill, New York

Reconstruction to:
Wallkill Senior High School

First Floor Plan - Area B

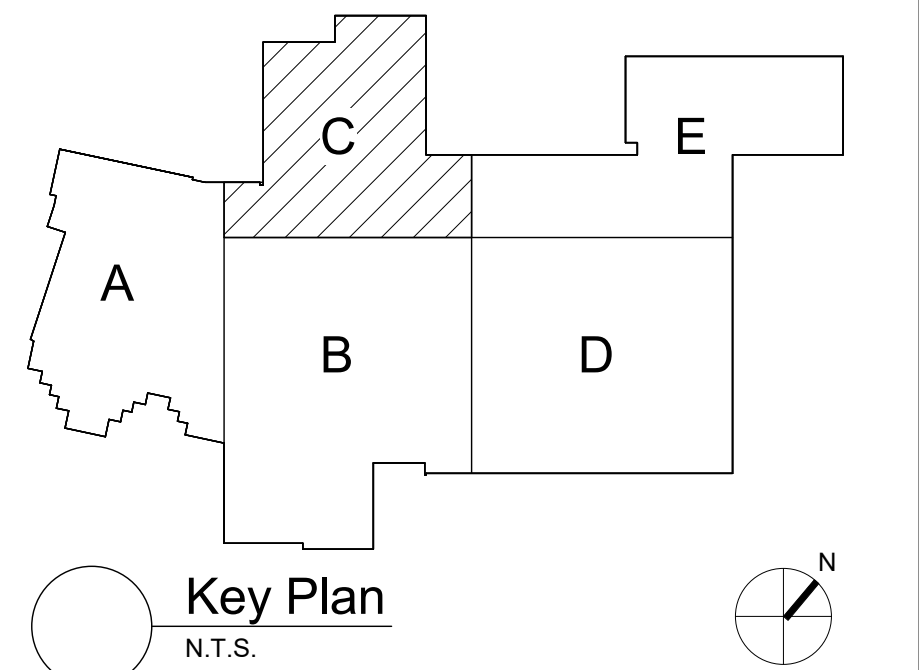
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Project No.: 17597-22001	AA132	



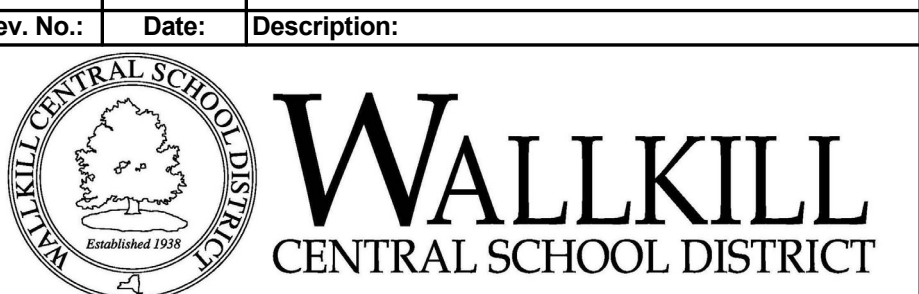
1 First Floor Plan - Area C
1/8" = 1'-0"

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.
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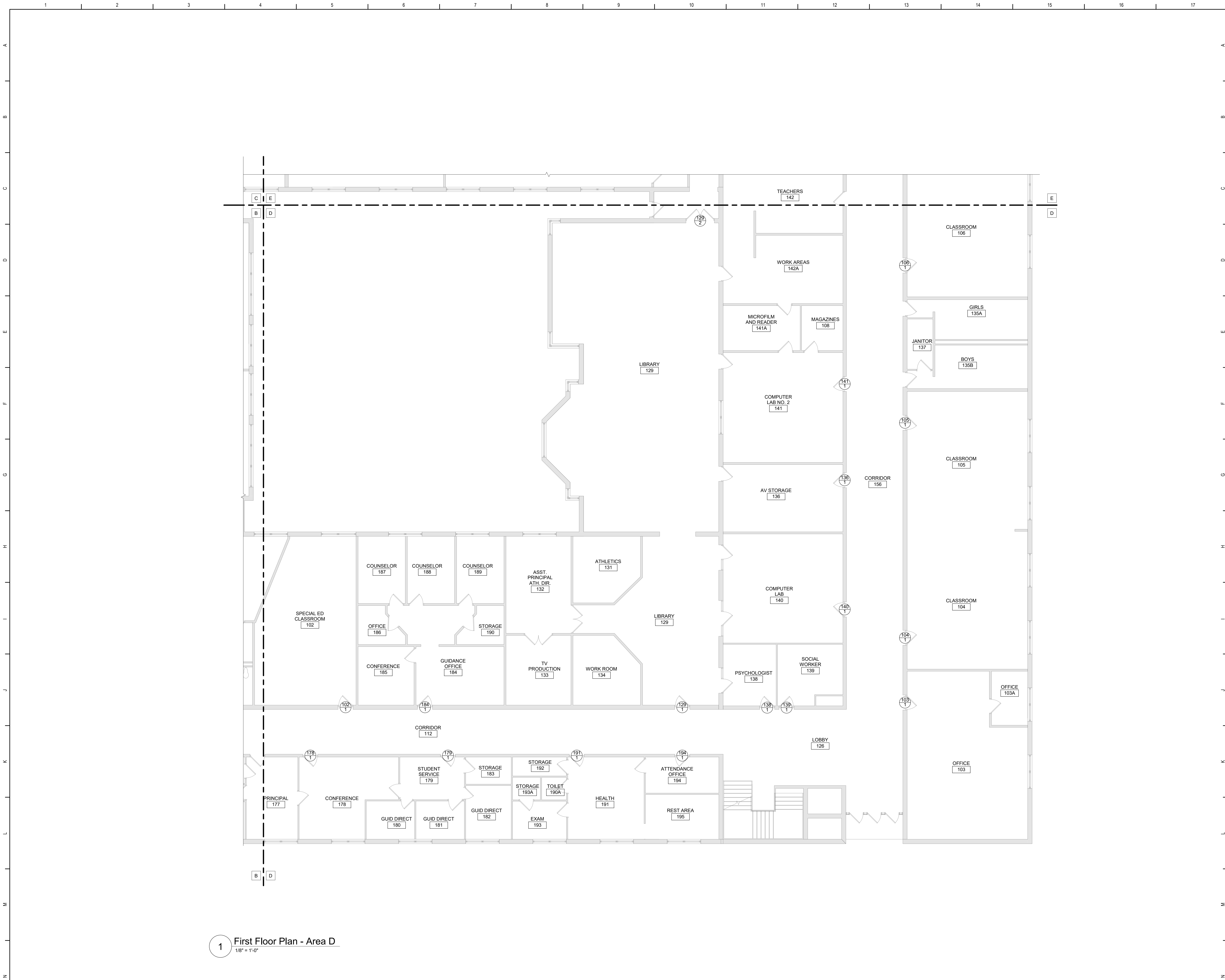


Wallkill Central School District
Wallkill, New York

Reconstruction to:
Wallkill Senior High School

First Floor Plan - Area C

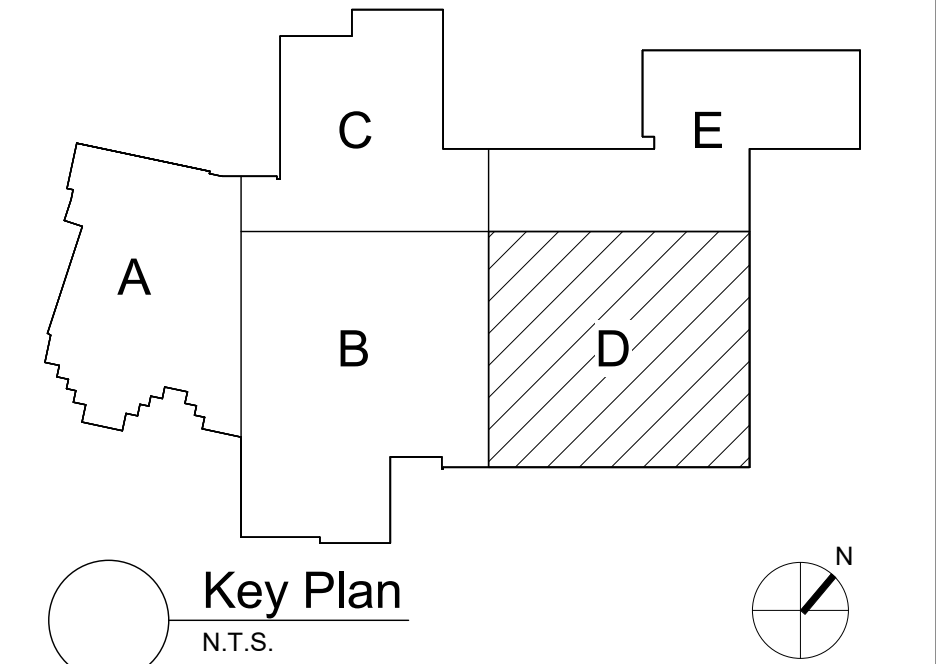
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Project No.: 17597-22001	AA133	



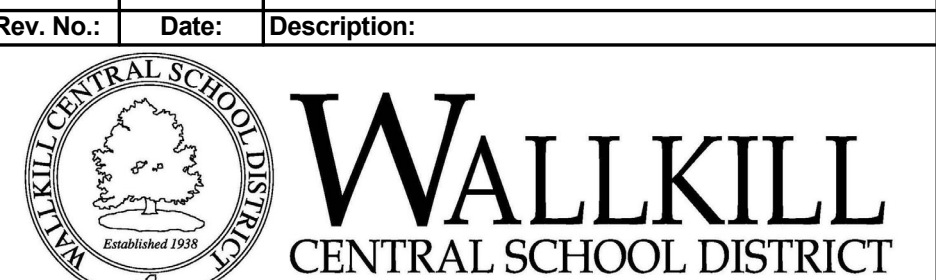
1 First Floor Plan - Area D
1/8" = 1'-0"

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.
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Wallkill Central School District
Wallkill, New York

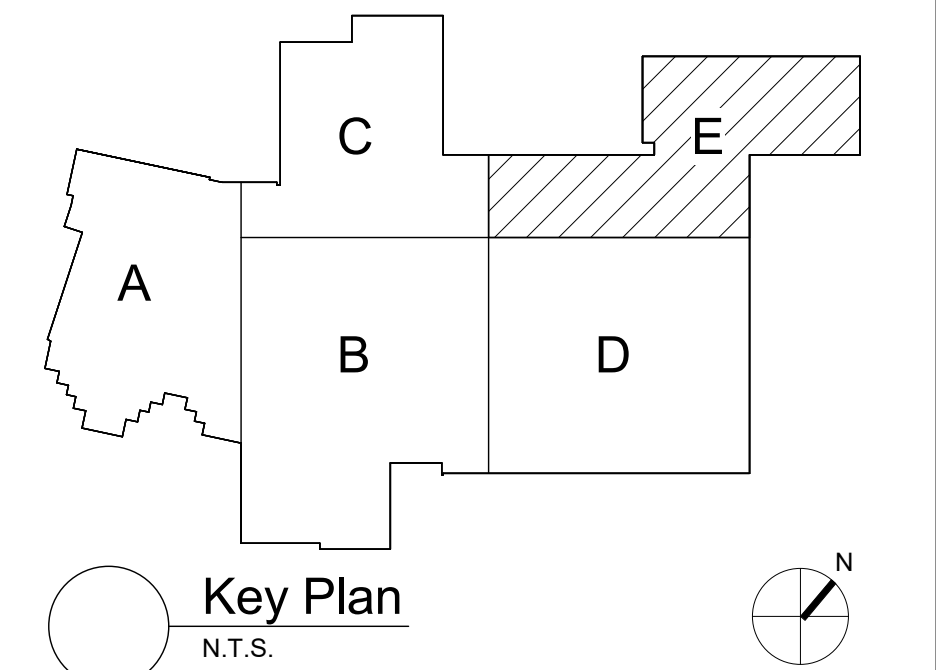
Reconstruction to:
Wallkill Senior High School

First Floor Plan - Area D

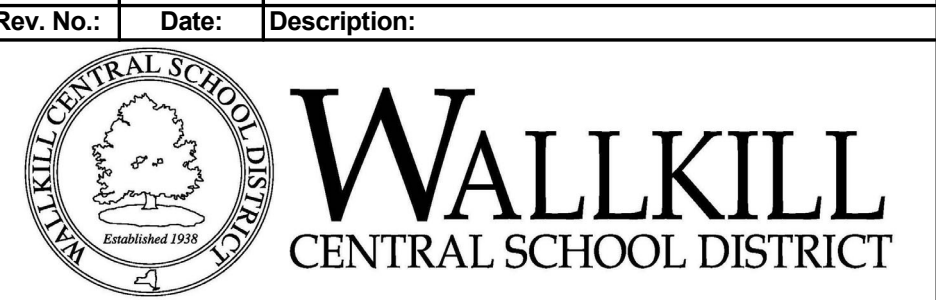
Drawn By: TTAE	Date: 11/4/2022	Drawing Number:
Project No.: 17597-22001	AA134	



- General Plan Notes**
- A. WHERE EXISTING CONSTRUCTION IS DAMAGED OR DISTURBED, PATCH HAS 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.
 - C. INFILL AREAS OF RECESSED FLOOR MAT AND/OR FINISH REMOVALS WITH REPAIR MATERIAL PROVIDE SUBSTRATE LEVEL AS REQUIRED SO SCHEDULED FINISHED FLOOR WILL MATCH THAT OF EXISTING ADJACENT AREAS.



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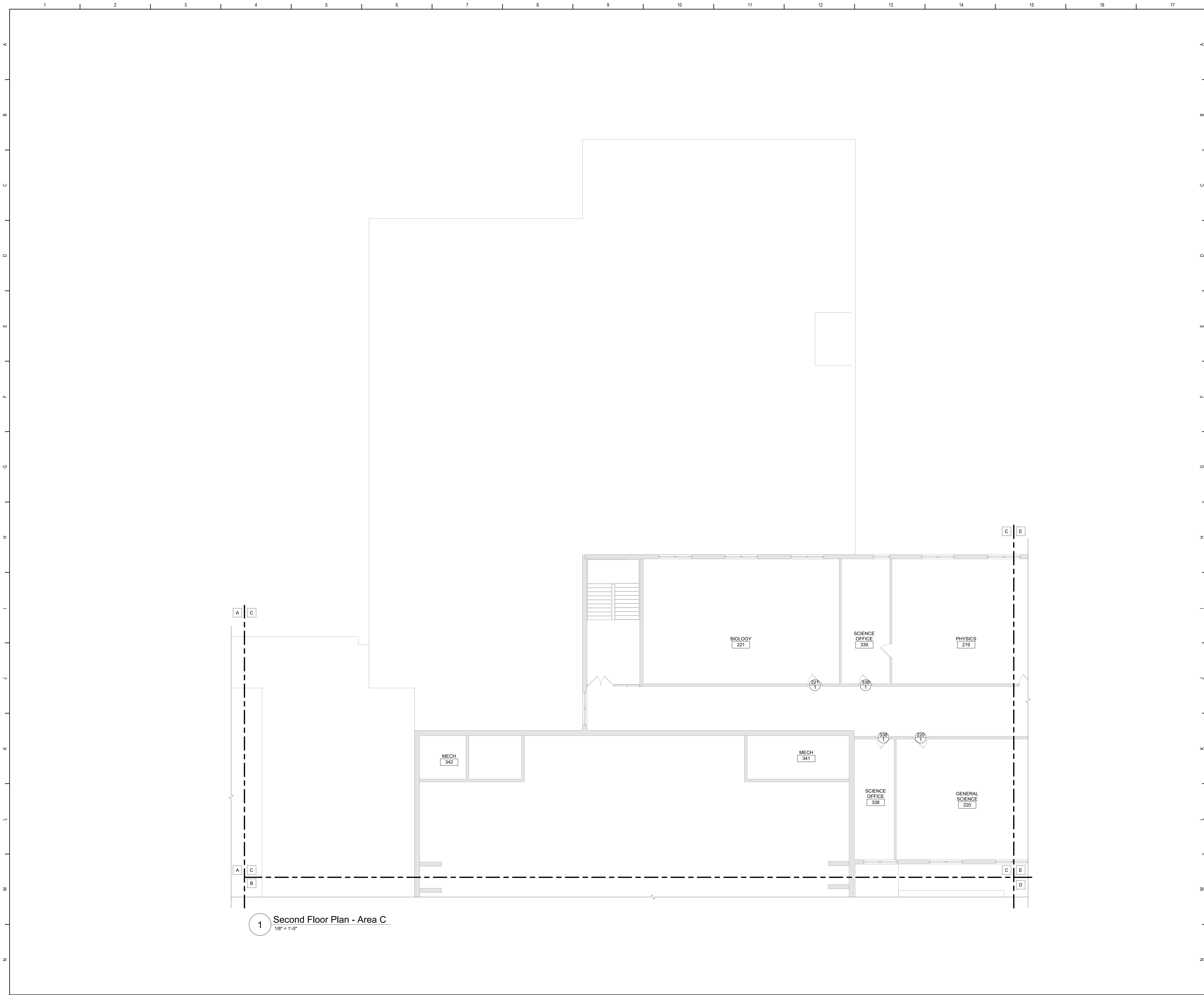


Walkkill Central School District
Walkkill, New York

Reconstruction to:
Walkkill Senior High School

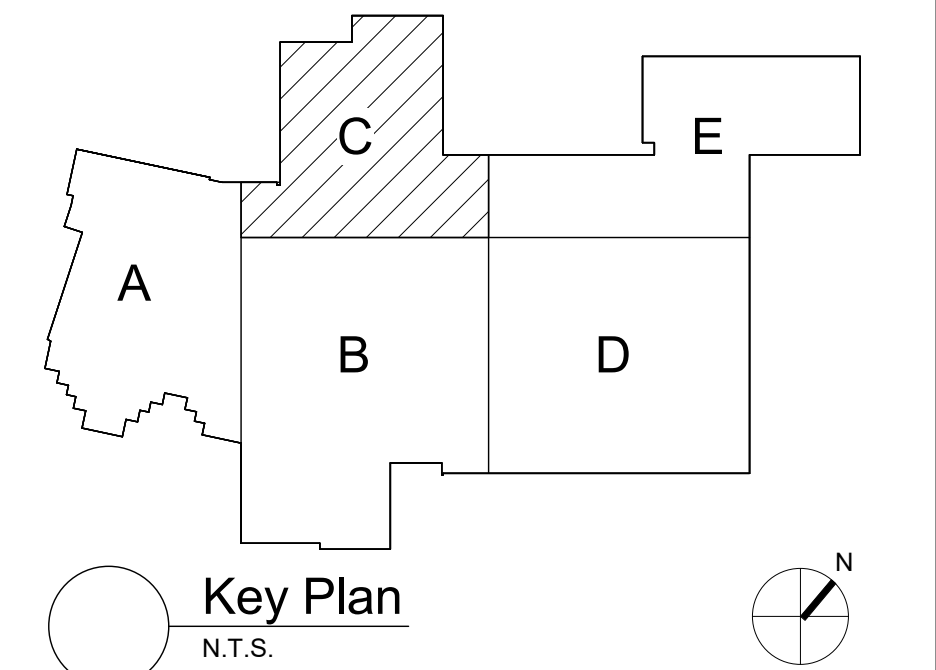
First Floor Plan - Area E

Drawn By: TTAE	Date: 11/4/2022	Drawing Number:
Project No.: 17597-22001	AA135	



1 Second Floor Plan - Area C
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.
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Rev. No.:	Date:	Description:



WALLKILL
CENTRAL SCHOOL DISTRICT

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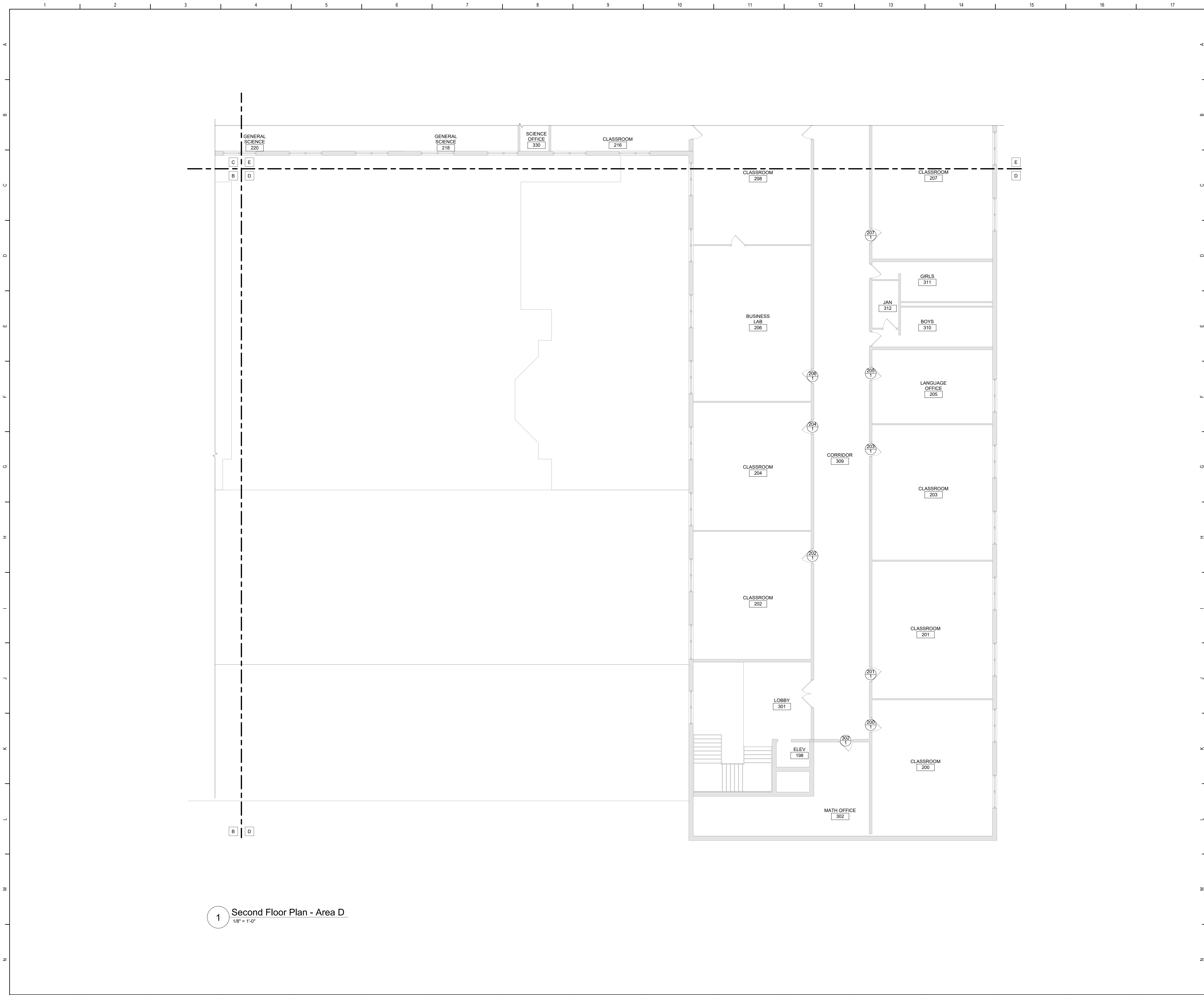
TETRA TECH
ARCHITECTS & ENGINEERS

Wallkill Central School District
Wallkill, New York

Reconstruction to:
Wallkill Senior High School

Second Floor Plan - Area C

Drawn By: TTAE	Date: 11/4/2022	Drawing Number: AA138
Project No.: 17597-22001		



General Plan Notes

- A. WHERE EXISTING CONSTRUCTION IS DAMAGED OR DISTURBED, PATCH HAS 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.
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Key Plan
N.T.S.

S.E.D. Control No. 62-18-01-06-0-007-018

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WALLKILL
CENTRAL SCHOOL DISTRICT

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TETRA TECH
ARCHITECTS & ENGINEERS

Wallkill Central School District
Wallkill, New York

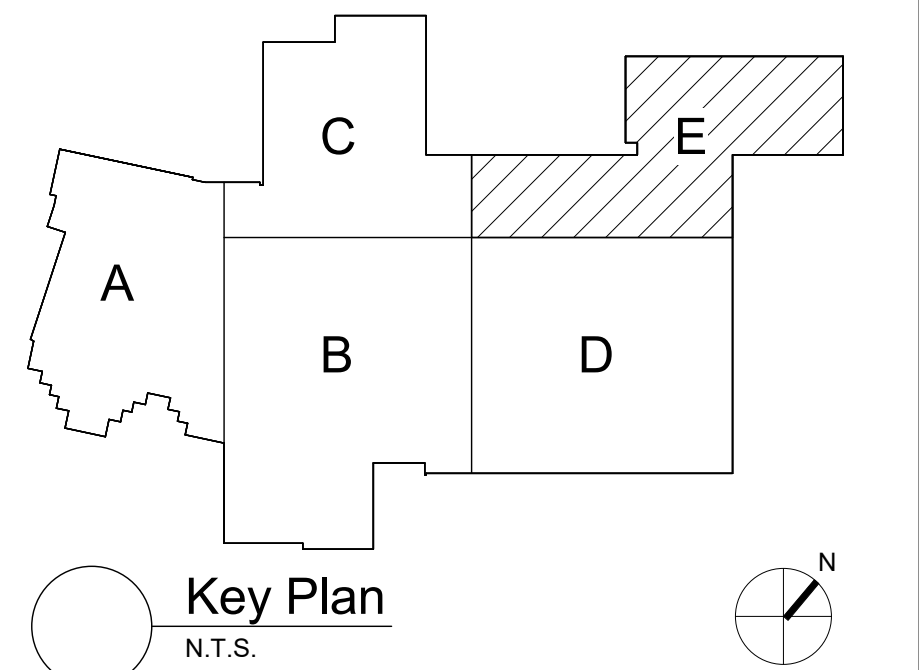
Reconstruction to:
Wallkill Senior High School

Second Floor Plan - Area D

Drawn By: TTAE	Date: 11/4/2022	Drawing Number: AA139
Project No.: 17597-22001		

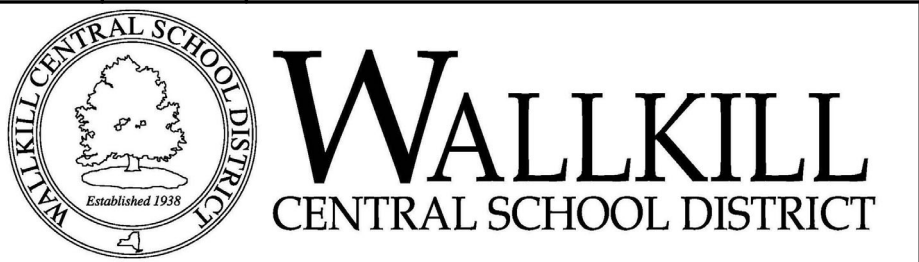


- General Plan Notes**
- A. WHERE EXISTING CONSTRUCTION IS DAMAGED OR DISTURBED, PATCH AS REQUIRED TO RESTORE SURFACES TO THEIR ORIGINAL CONDITION.
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S.E.D. Control No. 62-18-01-06-0-007-018

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Walkkill Central School District
Walkkill, New York

Reconstruction to:
Walkkill Senior High School

Second Floor Plan - Area E

Drawn By: TTAE	Date: 11/4/2022	Drawing Number: AA140
Project No.: 17597-22001		

3 1st Floor - Area B - Enlarged Loading Dock Plan
1/4" = 1'-0"

4 Ceiling Edge Detail

5 Partition Types P12

6 Soffit Detail
1" = 1'-0"

1 1st Floor - Area B - Enlarged Entrance Plan
1/4" = 1'-0"

2 First Floor - Reflected Ceiling Plan
1/4" = 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 ITEMS 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 OTHER TRADES WORK TO MATCH ADJACENT CONSTRUCTION PRIOR TO FINISHING.
- G. X 1.9.4 DESIGNATES BOTTOM OF CEILING ABOVE FINISHED FLOOR AT THAT POINT UNO. DESIGNATION "ME" INDICATES MATCH EXISTING CEILING HEIGHT.

General Window Notes

- A. INSULATING GLASS UNITS SHALL BE TYPE FGE/ISCL. 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 WINDOWS
 - X ALUMINUM 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 EXTENSIONS ARE INTERPRETED AS GENERIC GRAPHIC REPRESENTATIONS ONLY.

Room Finish Key

- | | |
|------|------------------------------------|
| B | BRICK |
| C2 | CARPET - TYPE 2 ENTRY WALK OFF |
| CWT2 | CERAMIC WALK TILE - TYPE 2 |
| HPC | HIGH PERFORMANCE COATING |
| N | NO WORK REQUIRED |
| P | PAINT SURFACE(S) INCLUDING SOFFITS |
| TB | TERRAZZO BASE - PRECAST |
| RB | RUBBER BASE |

- * SEE REFLECTED CEILING PLAN
- INDICATED CHANGE IN FLOOR FINISH

NOTE: ALL FINISHES LISTED MAY NOT BE REQUIRED FOR THIS PROJECT.
REFER TO AA900 FOR GENERAL FINISH NOTES.

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

Ceiling Types

- | | | |
|----|-------|---|
| A2 | 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. 62-18-01-06-0-007-018

Rev. No.:	Date:	Description:
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Wallkill Central School District
Wallkill, New York

Reconstruction to:
Wallkill Senior High School

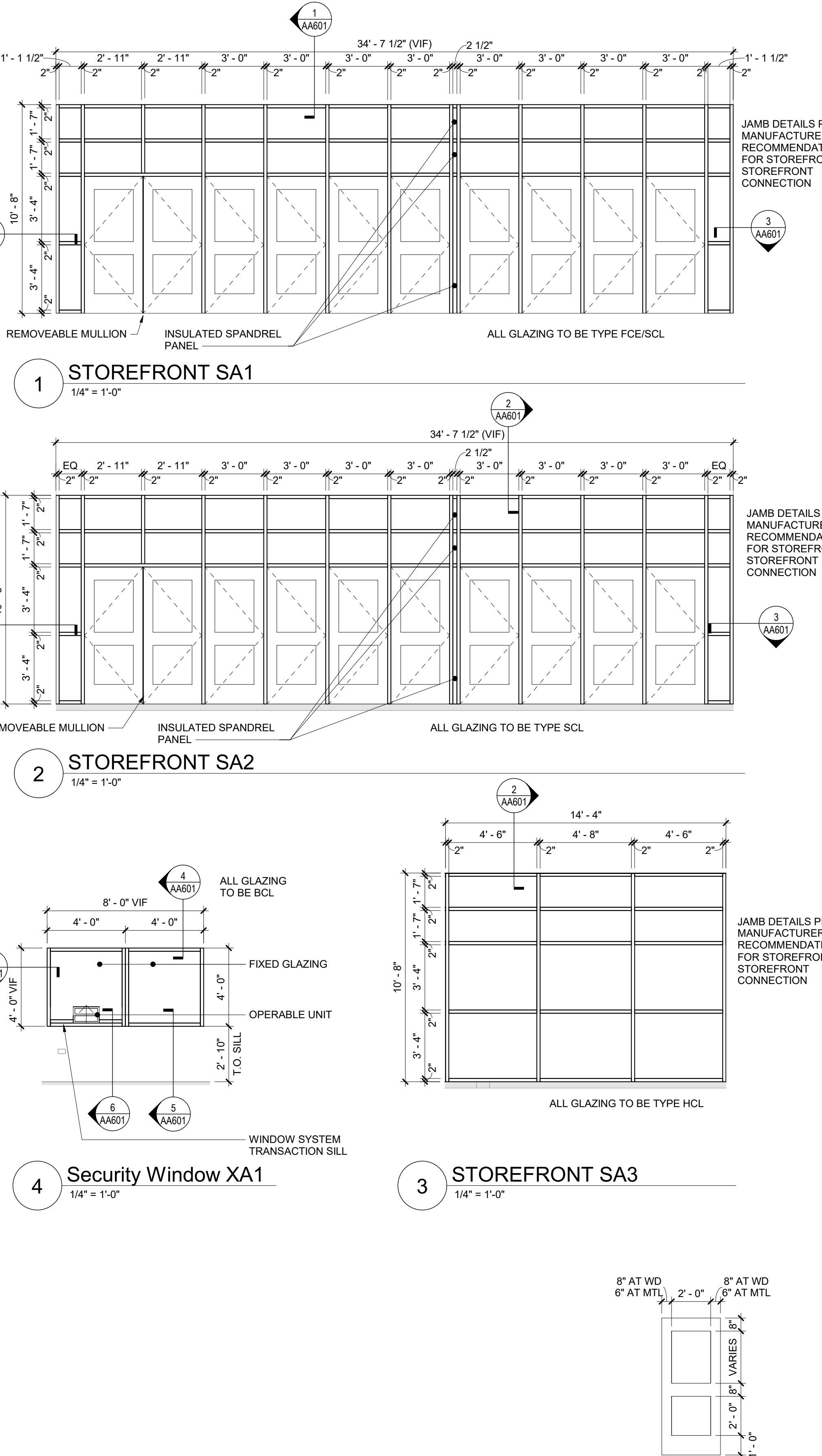
Enlarged Plans and Details

Drawn By: TTAE	Date: 11/4/2022	Drawing Number:
Project No.: 17597-22001		AA400

Door Schedule

ROOM NUMBER	DOOR NUMBER	DOOR					FRAME									HEAD	JAMB	SILL	HDW SET	REMARKS
		TYPE	MATERIAL	WIDTH	HEIGHT	RATING	GLAZING	TYPE	MATERIAL	WIDTH	HEIGHT	RATING	GLAZING							
1st FLOOR																				
100A	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
100A	2	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
100B	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
101	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
102	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
103	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
104	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
105	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
106	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
107	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
108	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
109	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
110	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
111	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
112	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
113	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
114	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
115	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
116	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
116A	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
116C	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
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118	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
119	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
120	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
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123	1	EXG-PR	EXG	3'-0"	7'-0"	-	-	EXG	EXG	6'-4"	7'-4"	-	-					H4	NOTE 2	
123	2	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
124	1	EXG-PR	EXG	3'-0"	7'-0"	-	-	EXG	EXG	6'-4"	7'-4"	-	-					H11	NOTE 2	
126	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
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129	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
129	EXG-PR	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	6'-4"	7'-4"	-	-					H4	NOTE 2	
136	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H13	NOTE 2	
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140	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
141	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
142	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
145A	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
150	1	EXG-PR	EXG	3'-0"	7'-0"	-	-	EXG	EXG	6'-4"	7'-4"	-	-					H2		
150	EXG-PR	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	6'-4"	7'-2"	-	-					H2		
150	3	EXG-PR	EXG	3'-0"	7'-0"	-	-	EXG	EXG	6'-4"	7'-2"	-	-					H2		
150	4	EXG-PR	EXG	3'-0"	7'-0"	-	-	EXG	EXG	6'-4"	7'-2"	-	-					H2		
150	5	EXG-PR	EXG	3'-0"	7'-0"	-	-	EXG	EXG	6'-4"	7'-2"	-	-					H2		
150	6	EXG-PR	EXG	3'-0"	7'-0"	-	-	EXG	EXG	6'-4"	7'-2"	-	-					H2		
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150	8	EXG-PR	EXG	3'-0"	7'-0"	-	-	EXG	EXG	6'-4"	7'-4"	-	-					H2		
150	9	EXG-PR	EXG	3'-0"	7'-0"	-	-	EXG	EXG	6'-4"	7'-4"	-	-					H2		
150	10	EXG-PR	EXG	3'-0"	7'-0"	-	-	EXG	EXG	6'-4"	7'-4"	-	-					H2		
151	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H12	NOTE 1, NOTE 3	
153	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H12		
160	1	EXG-PR	EXG	3'-0"	7'-0"	-	-	EXG	EXG	6'-4"	7'-4"	-	-					H3		
160	2	EXG-PR	EXG	3'-0"	7'-0"	-	-	EXG	EXG	6'-4"	7'-4"	-	-					H3		
172	1	EXG-PR	EXG	3'-0"	7'-0"	-	-	EXG	EXG	6'-4"	7'-4"	-	-					H1		
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172	4	EXG-PR	EXG	3'-0"	7'-0"	-	-	EXG	EXG	6'-4"	7'-4"	-	-					H1		
172	5	EXG-PR	EXG	3'-0"	7'-0"	-	-	EXG	EXG	6'-4"	7'-4"	-	-					H1		
173	1	EXG-PR	EXG	3'-0"	7'-0"	-	-	EXG	EXG	6'-4"	7'-4"	-	-					H1		
177	EXG	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
178	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
179	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
184	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
191	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
194	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
S102	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 3	
T106	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
T107	1	EXG-PR	EXG	3'-0"	7'-0"	-	-	EXG	EXG	6'-4"	7'-4"	-	-					H4	NOTE 2	
T108	1	EXG-PR	EXG	3'-0"	7'-0"	-	-	EXG	EXG	6'-4"	7'-4"	-	-					H4	NOTE 2	
T110	1	EXG-PR	EXG	3'-0"	7'-0"	-	-	EXG	EXG	6'-4"	7'-4"	-	-					H4	NOTE 2	
T111	1	EXG-PR	EXG	3'-0"	7'-0"	-	-	EXG	EXG	6'-4"	7'-4"	-	-					H4	NOTE 2	
T122	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
T122	2	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					H4	NOTE 2	
V1	G2	AL	AL	3'-0"	7'-0"	-	-	FCE/SCL	AL	34' - 7 1/2"	10' - 8"	-	-	FCE/SCL	1/A601	3/A601		H5	NOTE 1, NOTE 3	
V1	2	G2	AL	3'-0"	7'-0"	-	-	FCE/SCL	SA1	AL	34' - 7 1/2"	10' - 8"	-	-	FCE/SCL	1/A601	3/A601		H5	NOTE 1, NOTE 3
V1	3	G2	AL	3'-0"	7'-0"	-	-	FCE/SCL	SA1	AL	34' - 7 1/2"	10' - 8"	-	-	FCE/SCL	1/A601	3/A601		H5	NOTE 1, NOTE 3
V1	4	G2	AL	3'-0"	7'-0"	-	-	FCE/SCL	SA1	AL	34' - 7 1/2"	10' - 8"	-	-	FCE/SCL	1/A601	3/A601		H5	NOTE 1, NOTE 3
V1	G2	AL	AL	3'-0"	7'-0"	-	-	SCL	SA2	AL	34' - 7 1/2"	10' - 8"	-	-	SCL	2/A601	3/A601		H6	NOTE 3
V1	6	G2	AL	3'-0"	7'-0"	-	-	SCL	SA2	AL	34' - 7 1/2"	10' - 8"	-	-	SCL	2/A601	3/A601		H6	NOTE 3
V1	7	G2	AL	3'-0"	7'-0"	-	-	SCL	SA2	AL	34' - 7 1/2"	10' - 8"	-	-	SCL	2/A601	3/A601		H6	NOTE 3
V2	1	G2	AL	3'-0"	7'-0"	-	-	FCE/SCL	SA1	AL	34' - 7 1/2"	10' - 8"	-	-	FCE/SCL	1/A601	3/A601		H7	NOTE 1, NOTE 3
V2	G2	AL	AL	3'-0"	7'-0"	-	-	FCE/SCL	SA1	AL	34' - 7 1/2"	10' - 8"	-	-	FCE/SCL	1/A601	3/A601		H7	NOTE 1, NOTE 3
V2	3	G2	AL	3'-0"	7'-0"	-	-	FCE/SCL	SA1	AL	34' - 7 1/2"	10' - 8"	-	-	FCE/SCL	1/A601	3/A601		H7	NOTE 1, NOTE 3
V2	4	G2	AL	3'-0"	7'-0"	-	-	FCE/SCL	SA1	AL	34' - 7 1/2"	10' - 8"	-	-	FCE/SCL	1/A601	3/A601		H7	NOTE 1, NOTE 3
V2	5	G2-PR	AL	3'-0"	7'-0"	-	-	FCE/SCL	SA1	AL	34' - 7 1/2"	10' - 8"	-	-	FCE/SCL	1/A601	3/A601		H9	NOTE 1, NOTE 3
V2	6	G2	AL	3'-0"	7'-0"	-	-	SCL	SA2	AL	34' - 7 1/2"	10' - 8"	-	-	SCL	2/A601	3/A601		H8	NOTE 3
V2	G2	AL	AL	3'-0"	7'-0"	-	-	SCL	SA2	AL	34' - 7 1/2"	10' - 8"	-	-	SCL	2/A601	3/A601		H8	NOTE 3
V2	7	G2	AL	3'-0"	7'-0"	-	-	SCL	SA2	AL	34' - 7 1/2"	10' - 8"	-	-	SCL	2/A601	3/A601		H8	NOTE 3
V2	8	G2	AL	3'-0"	7'-0"	-	-	SCL	SA2	AL	34' - 7 1/2"	10' - 8"	-	-	SCL	2/A601	3/A601		H8	NOTE 3
V2	9	G2-PR	AL	3'-0"	7'-0"	-	-	SCL	SA2	AL	34' - 7 1/2"	10' - 8"	-	-	SCL	2/A601	3/A601			

NOTE 3: REFER TO SECURITY DOCUMENTS FOR ADDITIONAL INFORMATION ON SECURITY HARDWARE.



- A. HARDWARE ON DOORS FROM SPACES OF PUPIL OCCUPANCY SHALL BE A TYPE WHICH WILL ALWAYS PERMIT THE DOOR TO BE OPENED WITHOUT THE REBUILT WITHOUT DIRECT MANIPULATION OF ANY TYPE LOCKING DEVICE.
- B. ALL DOORS WITH ELECTRO-MAGNETIC HOLD OPEN DEVICES SHALL SWING TOWARDS ADJACENT WALLS. COORDINATE ALL INSTANCES WITH CONTRACTOR RESPONSIBLE FOR ELECTRICAL WORK, AND ALL ELECTRICAL DEVICES.
- 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. APPLY CONTINUOUS JOINT SEALANT TO ALL JOINTS BETWEEN FRAMES AND WALLS. TOP ALL.
- E. PROVIDE UNITS AT ALL DOOR AND WINDOW OPENINGS IN ACCORDANCE WITH LULU SCHEDULE ON STRUCTURAL DWGS.
- F. NOTE THAT DUE TO REQUIREMENTS IN THE BCNYS, SOME FIRE RESISTANCE RATINGS MAY DIFFER BETWEEN DOORS AND (ITS GLASS) AND TRANSOMS. THE RATINGS FOR GLASS SHALL BE THE SAME AS THE RATINGS FOR THE GLASS HAS GLASS (SIDELITES, TRANSOMS, ETC).

- A. INSULATING GLASS UNITS SHALL BE TYPE F/CE/SIL, 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 WINDOWS
 - X ALUMINUM SECURITY WINDOW
- F. PROVIDE INTERNAL STEEL REINFORCEMENT TO WINDOW, STOREFRONT AND CURTAIN WALL SYSTEMS AS REQUIRED TO COMPLY WITH WIND LOADS 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.

ENTRAL SCHC



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

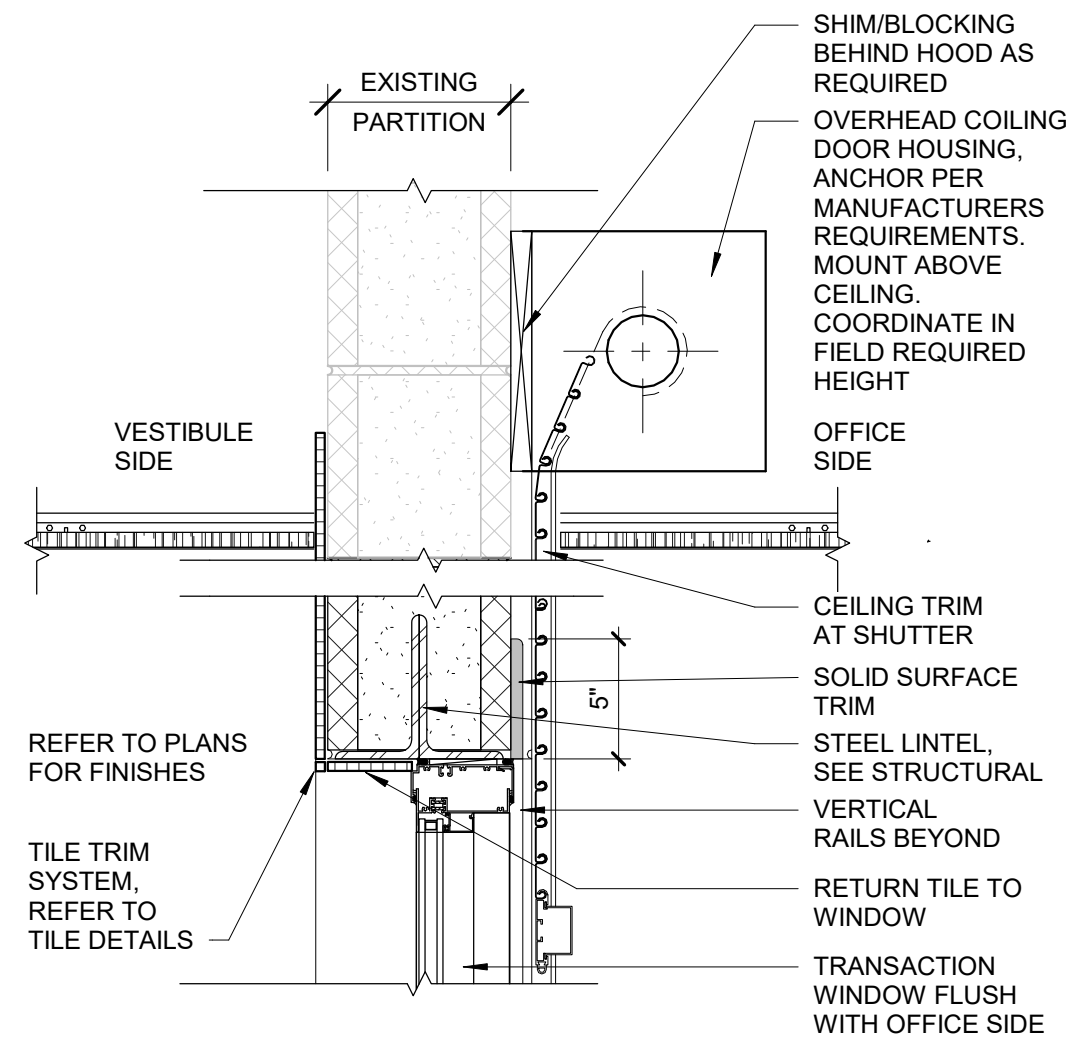


Reconstruction to:
Wallkill Senior High School

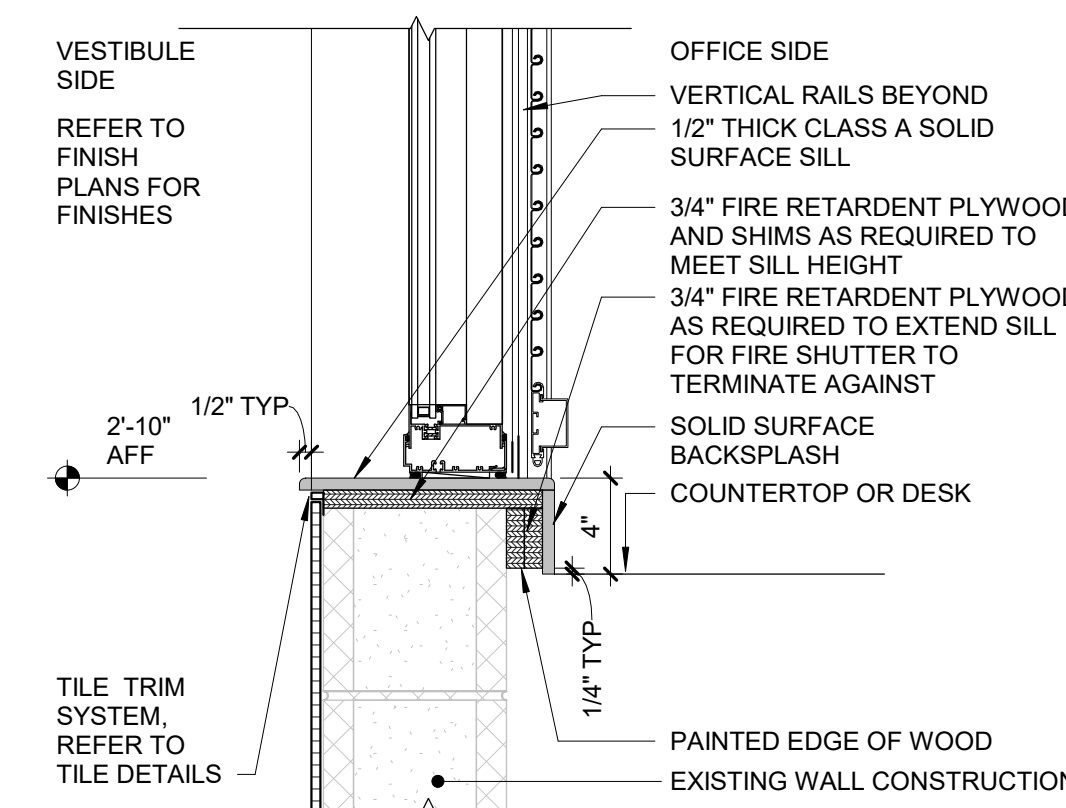
Drawn By:	Date:	Drawing Number:
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TTAE	11/4/2022
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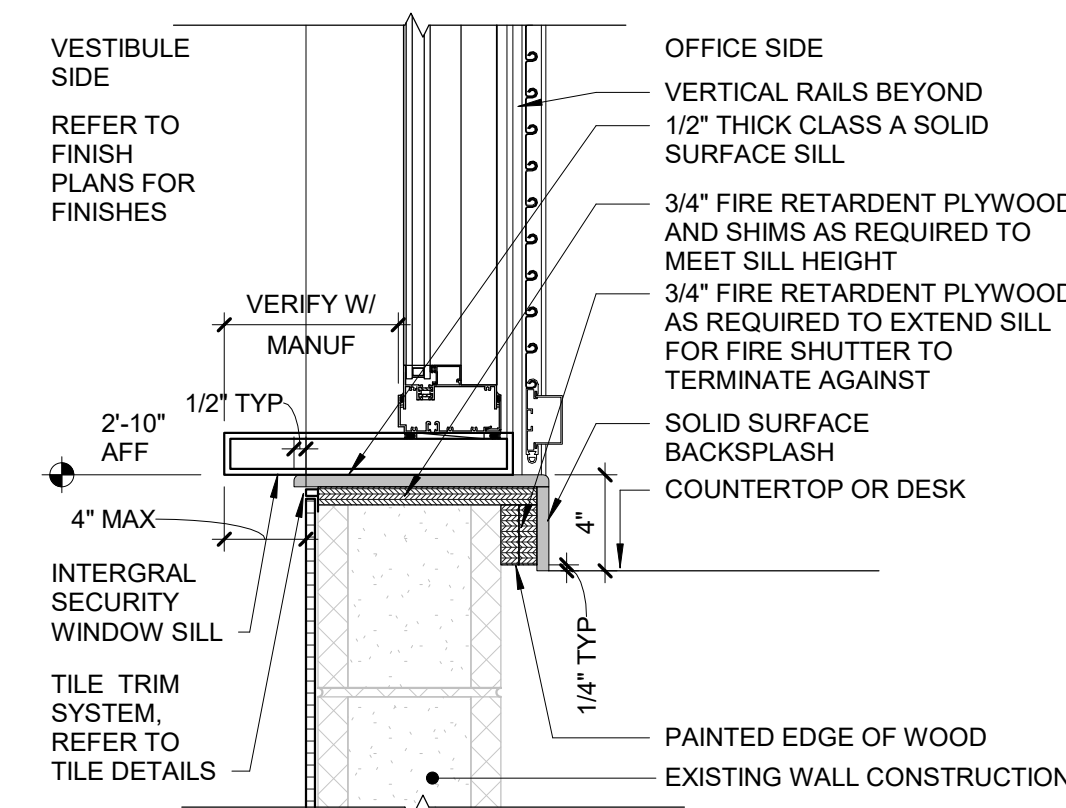
AA600



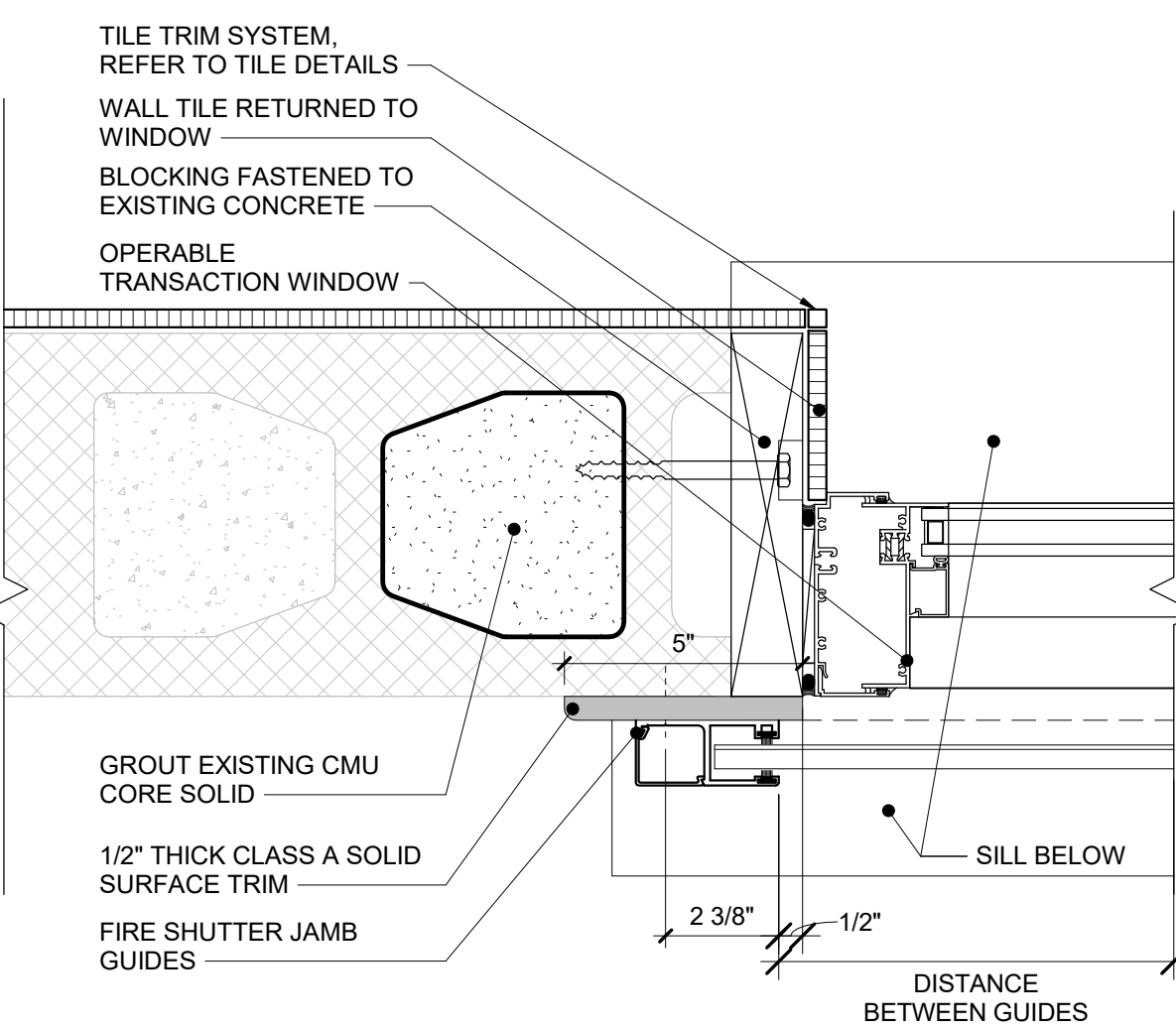
4 Fire Shutter Head Detail
1 1/2" = 1'-0"



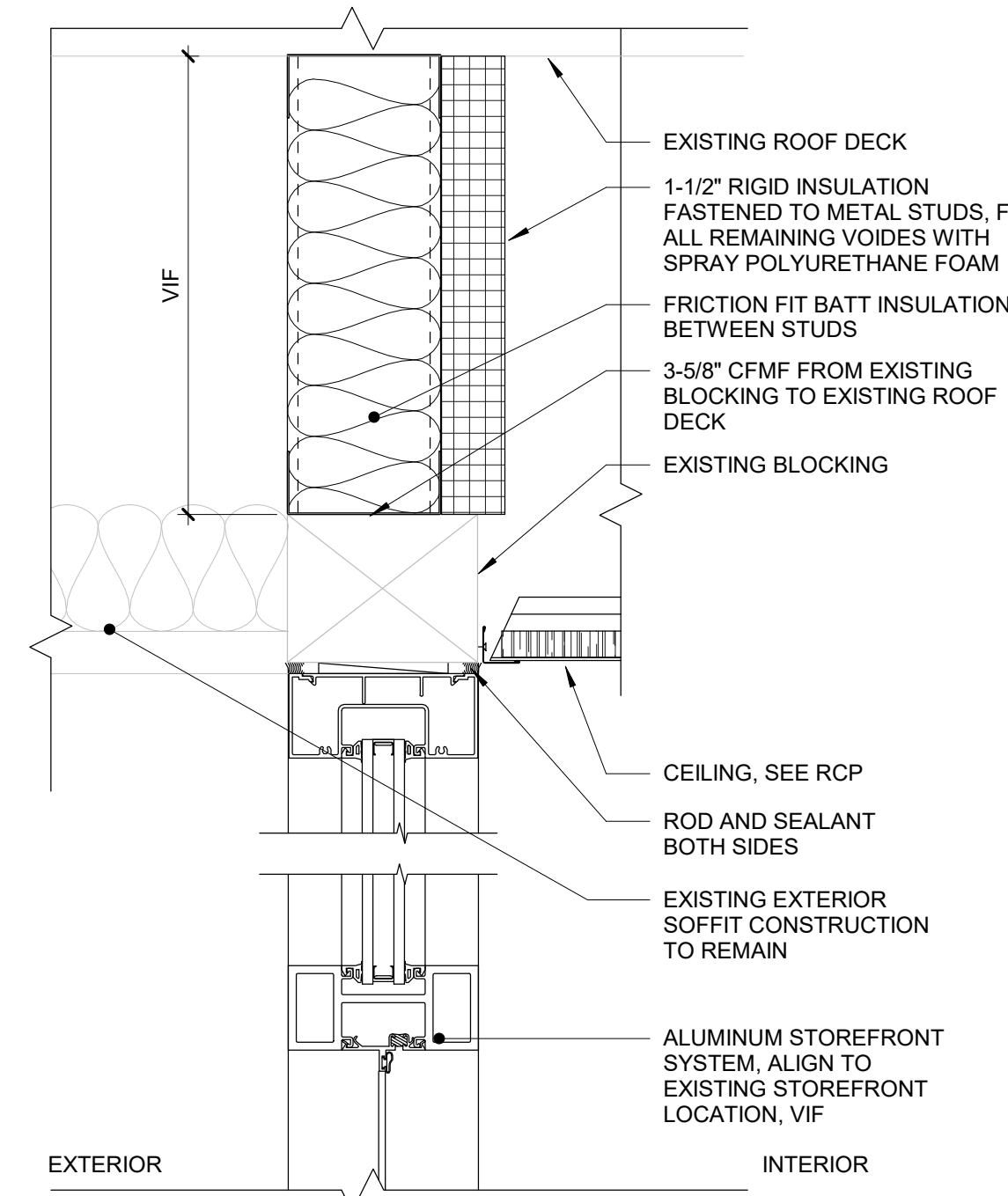
5 Fire Shutter Sill Detail Adjacent to Transaction Location
1 1/2" = 1'-0"



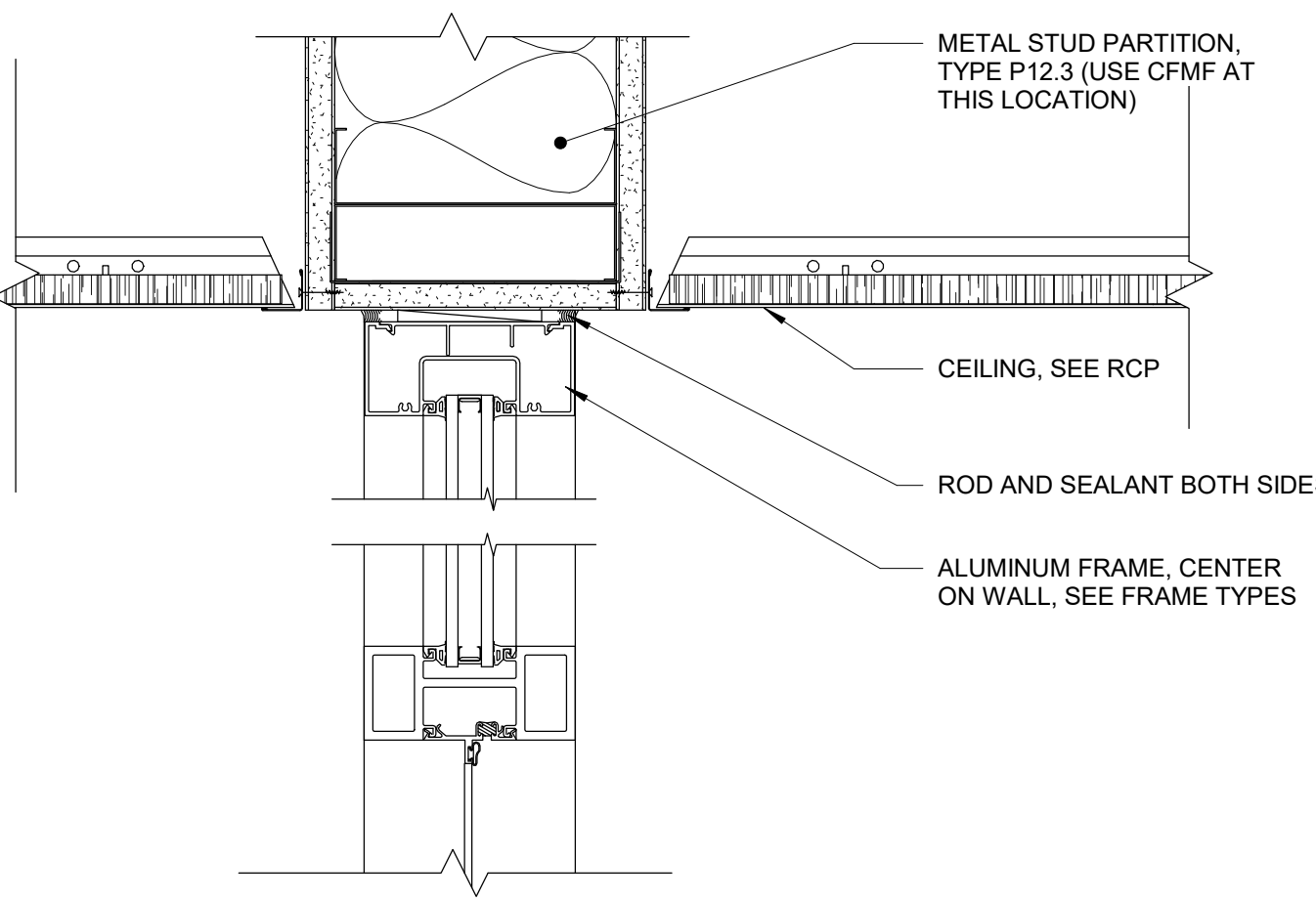
6 Fire Shutter Sill Detail at Transaction Location
1 1/2" = 1'-0"



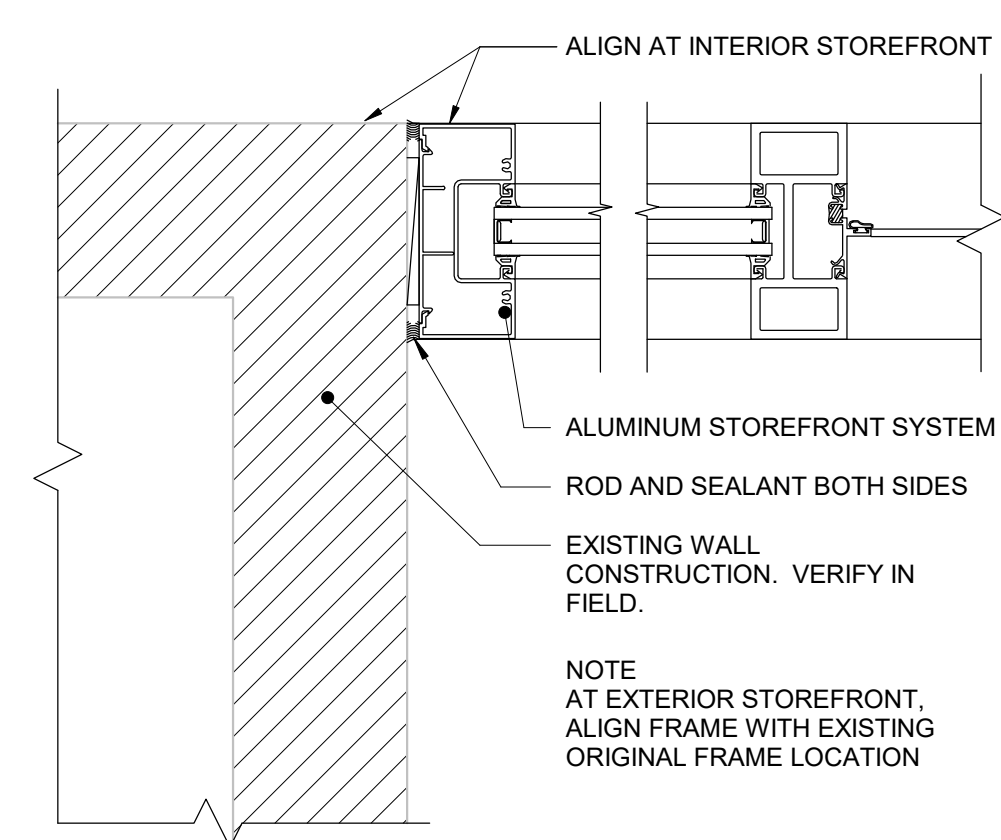
7 Fire Shutter Jamb Detail
3" = 1'-0"



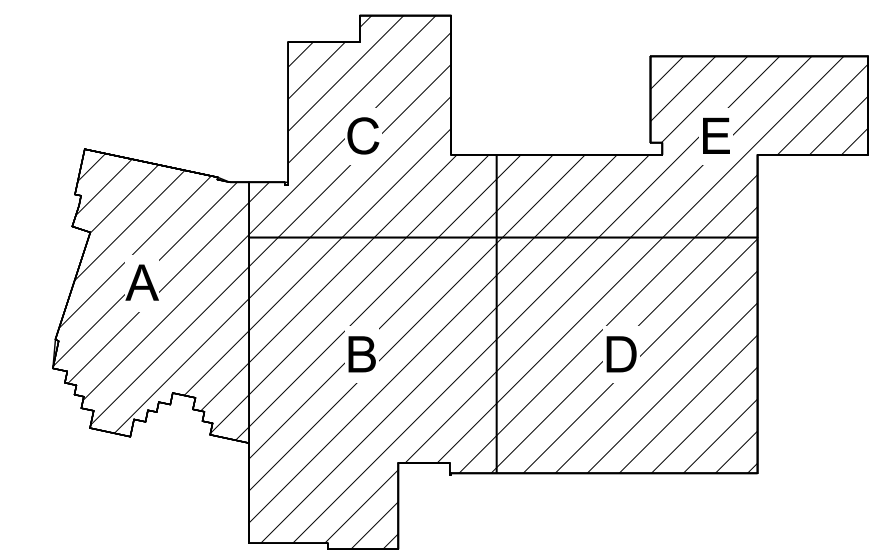
1 Storefront Head Exterior
3" = 1'-0"



2 Storefront Head Interior
3" = 1'-0"



3 Storefront Jamb
3" = 1'-0"



Key Plan
N.T.S.

S.E.D. Control No. 62-18-01-06-0-007-018

Rev. No.:	Date:	Description:



complex world
CLEAR SOLUTIONS

Tetra Tech Engineers, Architects
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BID SET

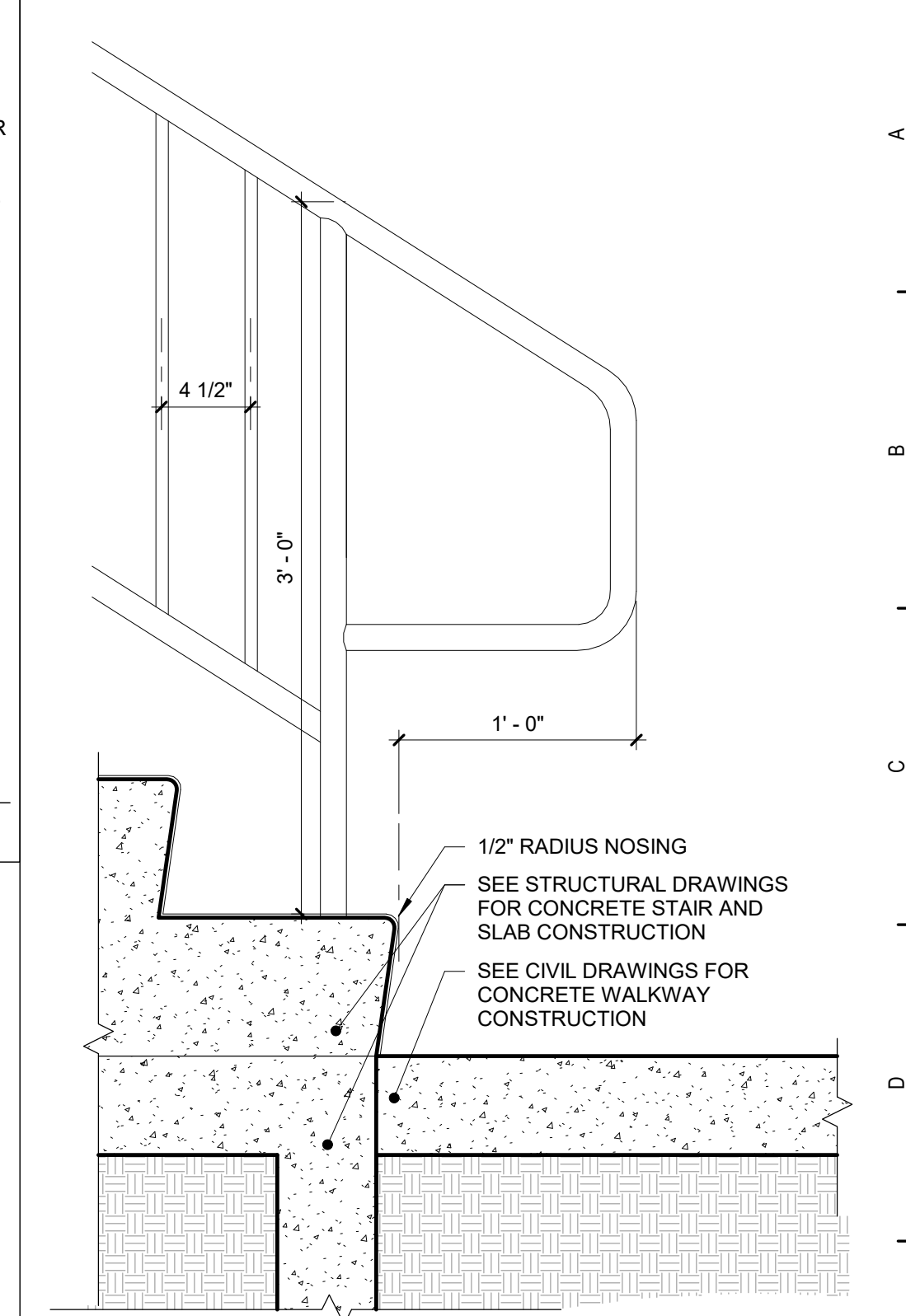


Wallkill Central School District
Wallkill, New York

Reconstruction to:
Wallkill Senior High School

Door and Window Details

Drawn By: Author	Date: 11/4/2022	Drawing Number: AA601
Project No.: 17597-22001		



1" NOMINAL DIA SS PIPE
RAILING WITH WALL
BRACKETS AT 4'-0" OC MAX

6'-8"

1'-0"

4 1/2"

1/2" RADIUS
NOSING

SEE STRUCTURAL DRAWINGS
FOR CONCRETE STAIR AND
SLAB CONSTRUCTION

SECTION

3'-0"

1 1/4" DIA SS PIPE RAIL - TURN DOWN AT ENDS (POSTS 4'-0" OC MAX)

5/8" DIA SS STEEL RODS AT 4 1/2" OC

1 1/4" DIA SS PIPE BOTTOM RAIL

GRIND ALL EXPOSED WELDS SMOOTH - TYP

CAST FLUSH PIPE COVER FLANGE FOR WELDED ASSEMBLY - FINISH TO MATCH VERTICAL POST - TYP

1" CHAMFER CONCRETE - BS

3'-0"

3'-0"

6"

3'-0"

4 KA750

GROUT SOLID

3" NOMINAL DIA. SS PIPE SLEEVE (MIN)

ELEVATION

4'-0"

Z

Guardrail Section Detail

1" = 1'-0"

3 **Guardrail Section Detail**
1" = 1'-0"

S.E.D. Control No. 62-18-01-06-0-007-018		

Rev. No.:	Date:	Description:
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complex world | CLEAR SOLUTIONS

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Wallkill Central School District
Wallkill, New York

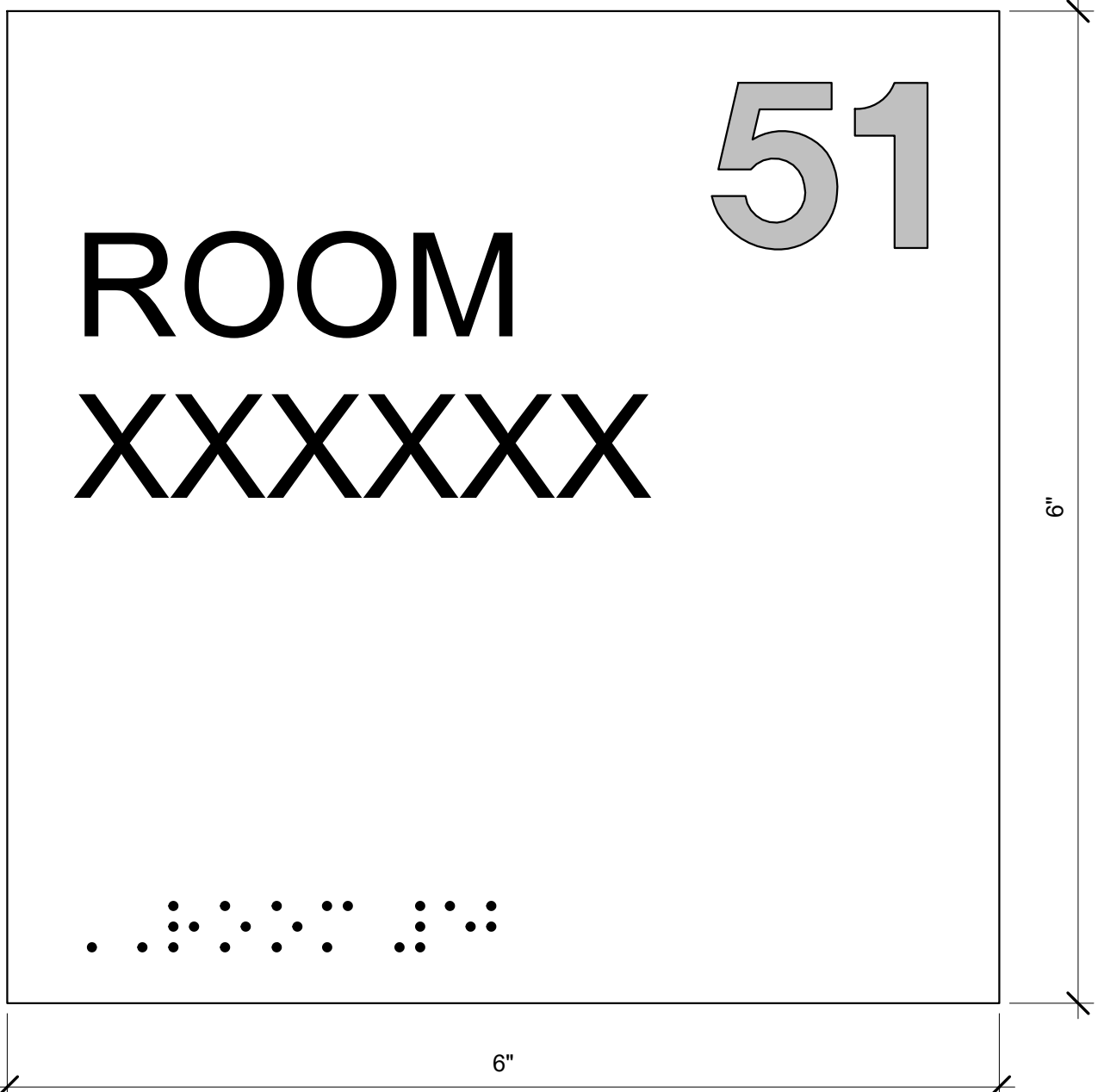
Reconstruction to:
Wallkill Senior High School

Stair Details

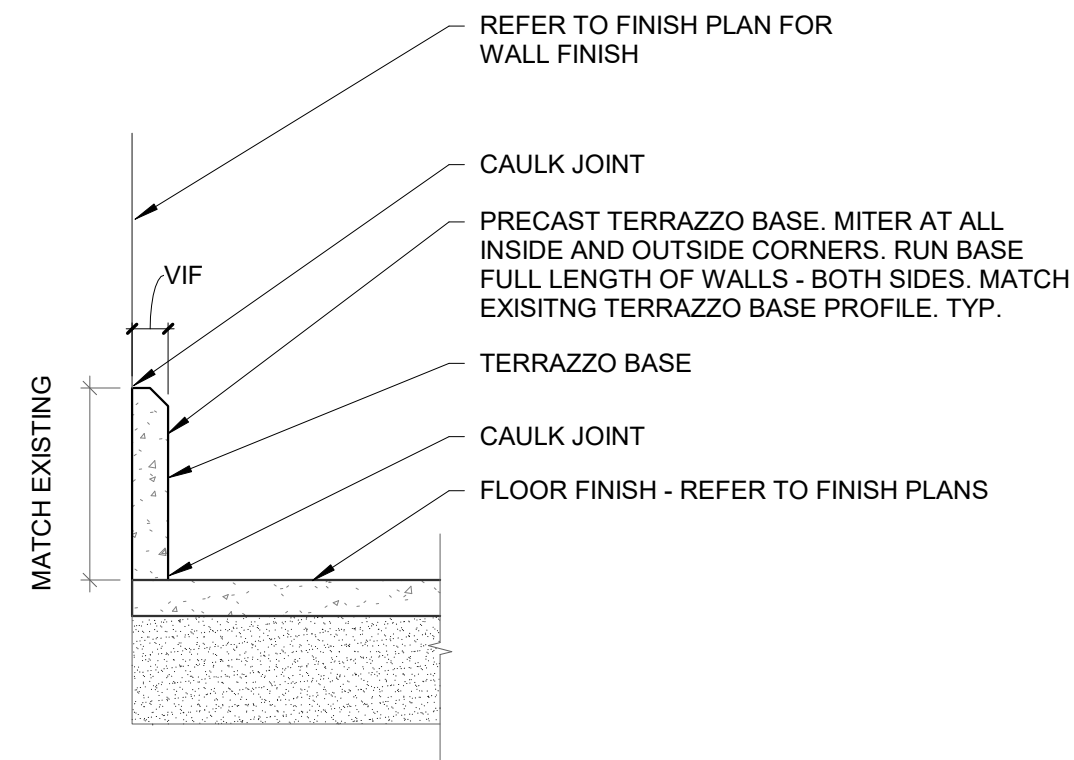
Drawn By: TTAE	Date: 11/4/2022	Drawing Number:
Project No.: 17597-22001		AA750

NON-GLARE SURFACE:
*TYPICAL FOR ENTIRE SIGN

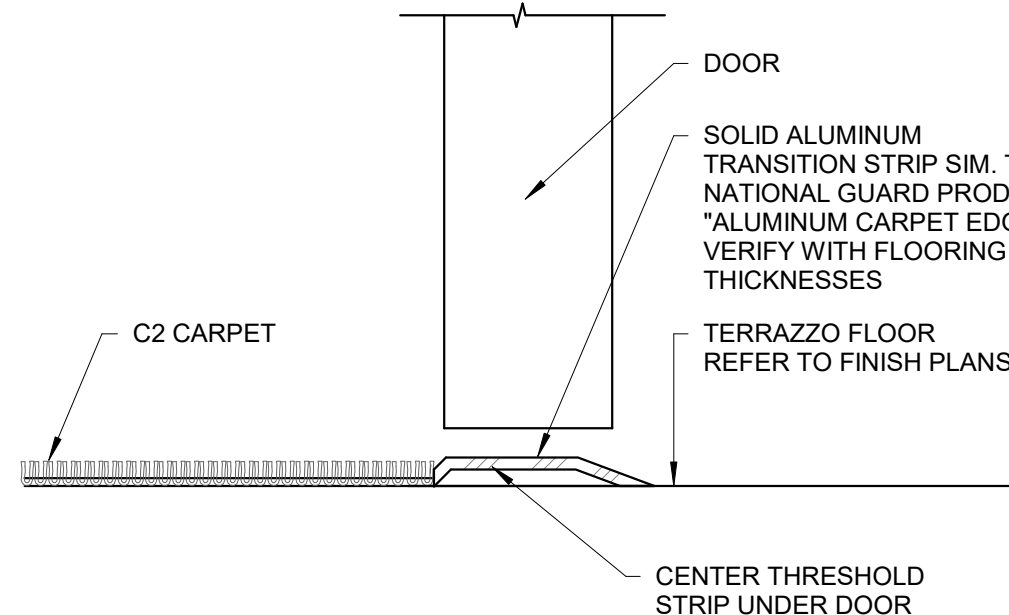
TACTILE CHARACTERS:
*5/8" MINIMUM CAP LETTER
HEIGHT
*1" MINIMUM NUMBER HEIGHT
*RAISED 1/32" MINIMUM
*FULL CAPS
*SAN SERIF TYPE STYLE
*CHARACTERS MUST
CONTRAST WITH
BACKGROUND



TYPE 5 - Typical Permanent Room Plaque



2 Terrazzo Base
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

3 Aluminum Threshold Detail
6" = 1'-0"

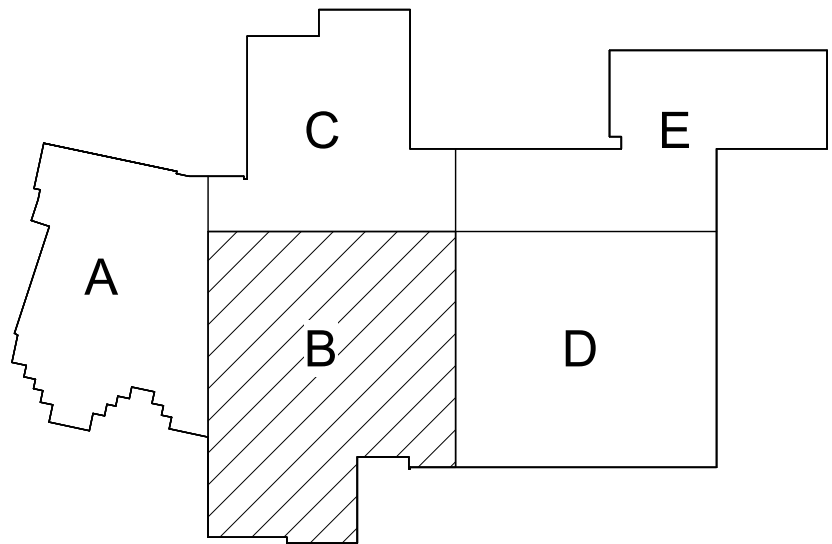
General Finish Notes

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.

- ALL PAINTS FOR INTERIOR AND EXTERIOR ARE TO BE APPLIED IN ACCORDANCE WITH SPECIFICATION SECTION 09 91 00 AND 09 96 00.
- ALL EXPOSED STRUCTURES, INCLUDING BUT NOT LIMITED TO PIPING AND FIREPROOFING, CONDUIT, AND ALL ASSOCIATED EQUIPMENT ARE TO BE PAINTED.
- 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:
 - F.E.C.'S, LADDERS, BEAMS, DOORFRAMES - BOTH SIDES
 - GLAZING FRAMES IN DOORWALLS - BOTH SIDES, ALL EXPOSED STAIR PARTS INCLUDING RAILINGS, HAND AND GUARD RAILS, STRINGERS AND UNDERSIDES OF STAIRS, ALL ITEMS ARE TO BE ACCENT COLORS.
- PATTERNS FOR FLOORS AND WALLS ARE AS SHOWN ON DRAWINGS 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
 - TERRAZZO BASE
- FIELD AND ACCENT PAINT AS SHOWN ON DRAWINGS 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 CLOUDS, ACCENT COLOR
 - SOFFITS, ACCENT COLOR
 - DOOR AND WINDOW FRAMES, ACCENT COLOR
 - EXPOSED COLUMNS, ACCENT COLOR
 - GUARDRAILS, ACCENT COLOR
 - HANDRAILS, ACCENT COLOR
 - EXPOSED DECKS, ACCENT COLOR
 - EXPOSED JOISTS, ACCENT COLOR
 - EXPOSED DUCTWORK, ACCENT COLOR
- PAINT MECHANICAL ROOM FLOOR CURBS CAUTION YELLOW.
- PROVIDE PAINT AT ALL NEW SOFFITS, REFER TO REFLECTIVE CEILING PLANS FOR ADDITIONAL LOCATIONS.
- ALL EXPOSED BRICK, GROUND FACE BLOCK IS TO REMAIN UNPAINTED, UNO.
- CONFIRM WITH OWNER AND ARCHITECT PRIOR TO PAINTING OVER MURALS ON EXISTING SURFACES.
- CERAMIC WALL TILE IS TO RUN FLOOR TO CEILING UNO.
- PROVIDE PAINT AND RUBBER BASE AT ALL NEW CHASES, REFER TO NEW WORK PLANS FOR ADDITIONAL LOCATIONS.
- 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.
- PROVIDE ALL FINISHES AS INDICATED BY ROOM FINISH BOX AND/OR AS NOTED ON DRAWINGS.

Signage Notes

- 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.
- ALL PERMANENT ROOMS TO RECEIVE ROOM IDENTIFICATION SYSTEM CONTAINING BOTH TEXT AND ROOM NUMBERS.
- PROVIDE BARRIER-FREE AND TACTILE SIGNAGE AT ALL LOCATIONS REQUIRED BY CODE AND AS SHOWN ON THE ARCHITECTURAL DRAWINGS.
- COORDINATE MOUNTING HEIGHTS AS PER CABO/ANSI A117.1 AND AS PER MANUFACTURER'S RECOMMENDATIONS.
- ALL COLORS TO BE ISSUED DURING CONSTRUCTION.
- PROVIDE SIGNS AS PER SIGNAGE SCHEDULE AS REQUIRED BY CODE AND SIGNAGE DRAWING.
- REFER TO SPECIFICATIONS SECTION 10 14 00 FOR MORE INFORMATION.



Key Plan
N.T.S.

S.E.D. Control No. 62-18-01-06-0-007-018

Rev. No.:	Date:	Description:
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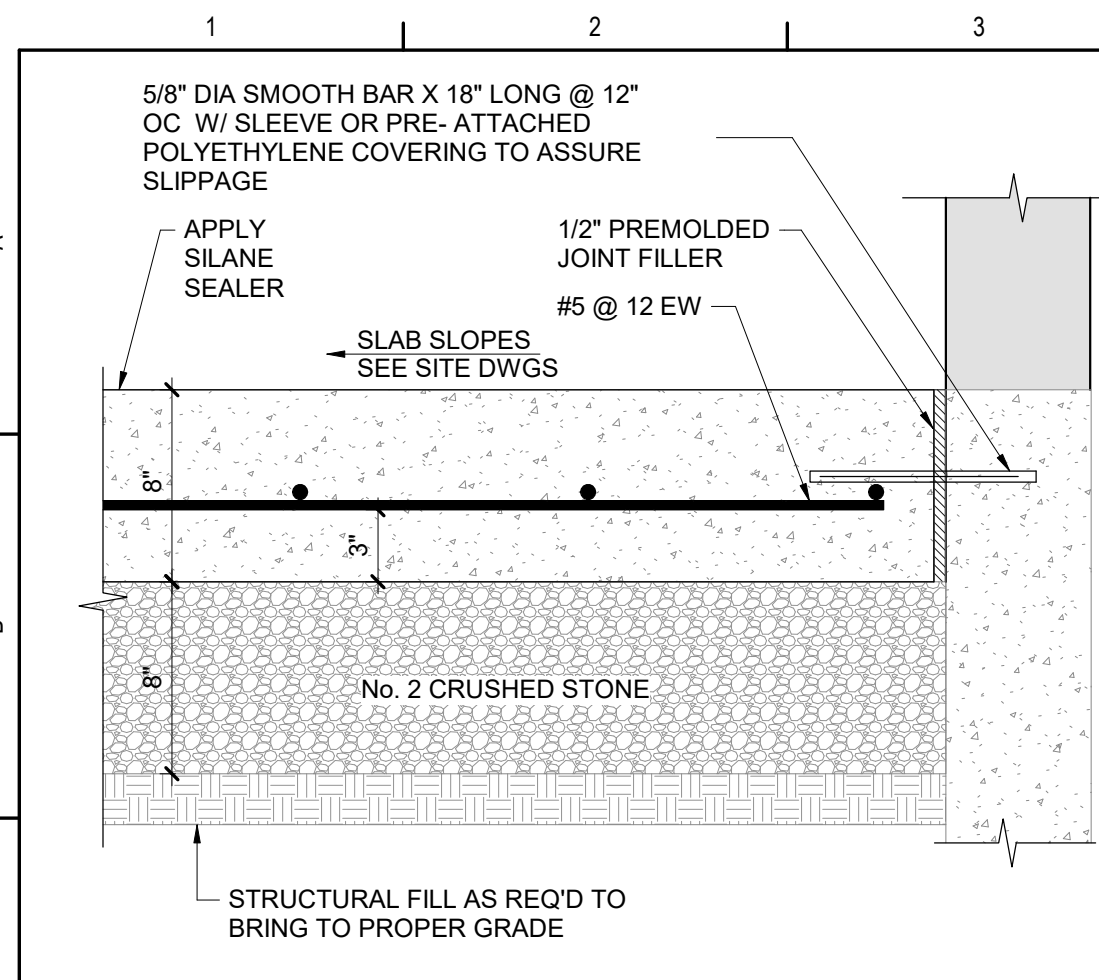


Wallkill Central School District
Wallkill, New York

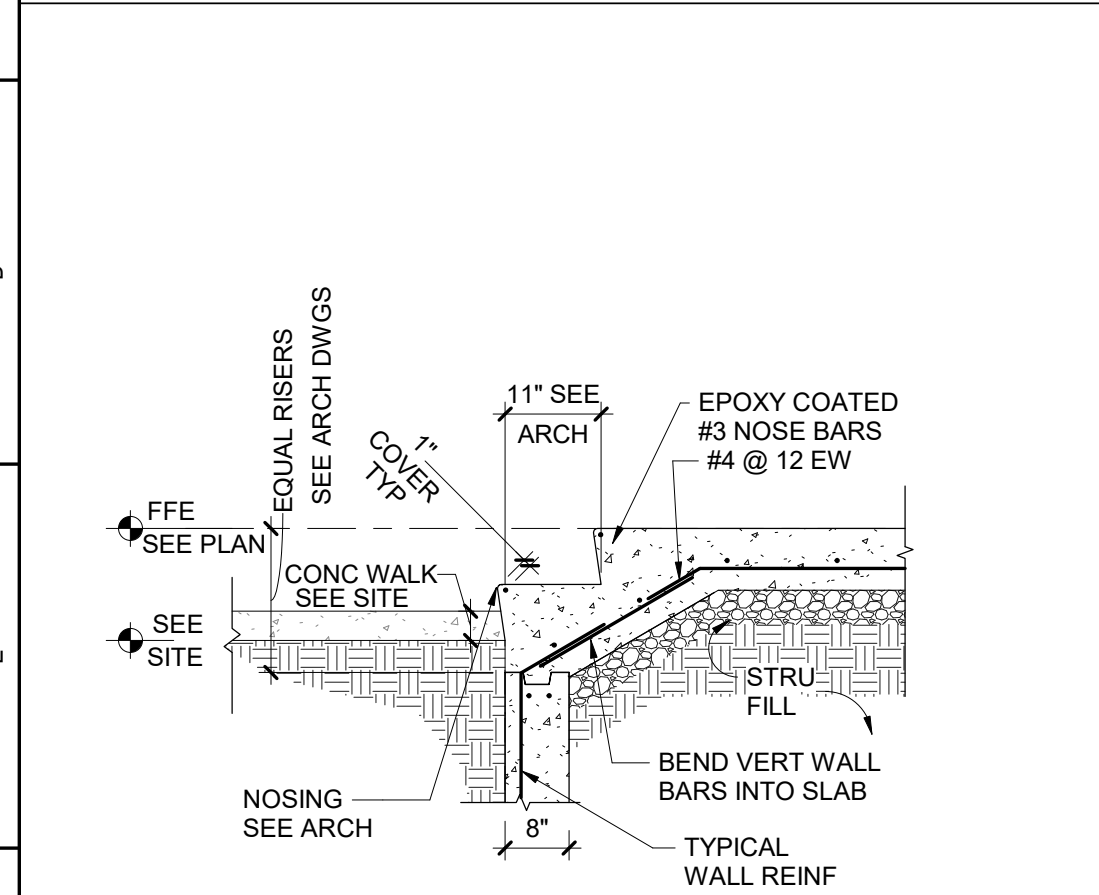
Reconstruction to:
Wallkill Senior High School

Details and Signage

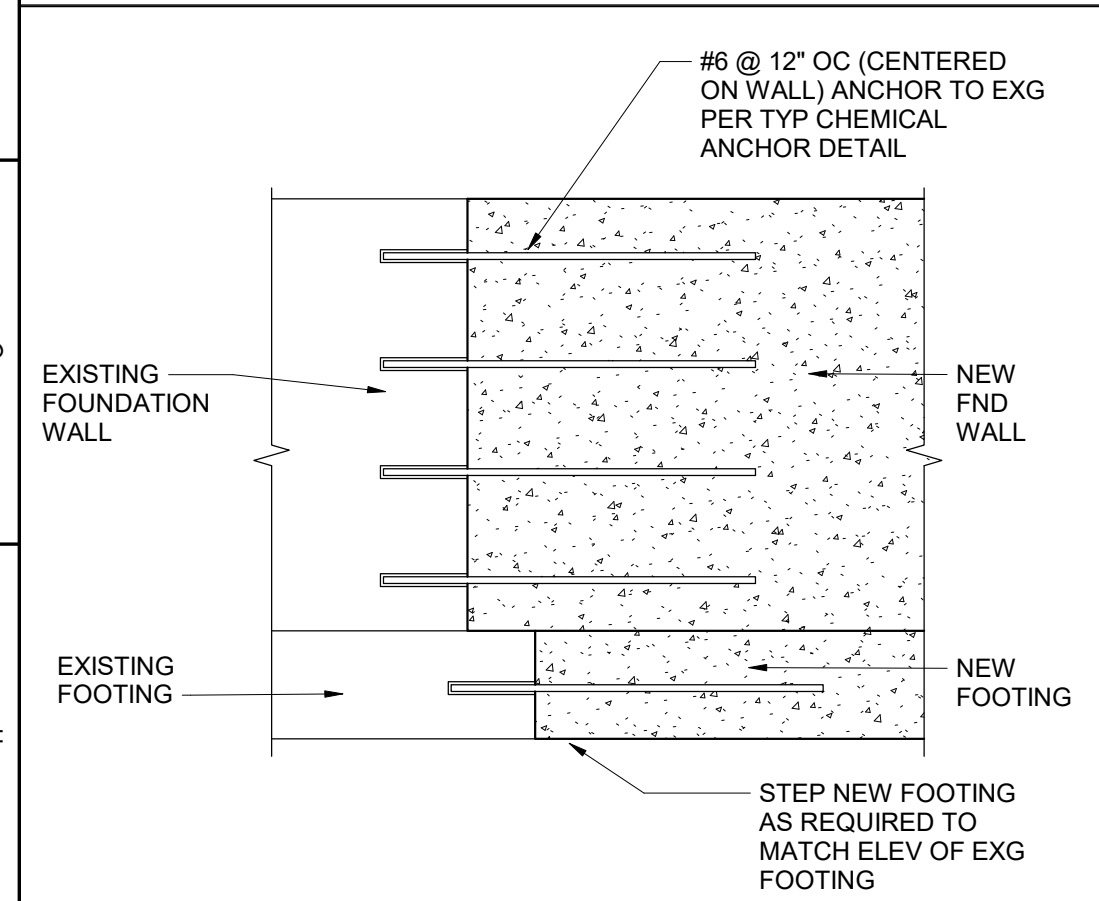
Drawn By: TTAE	Date: 11/4/2022	Drawing Number:
Project No.: 17597-22001		AA900



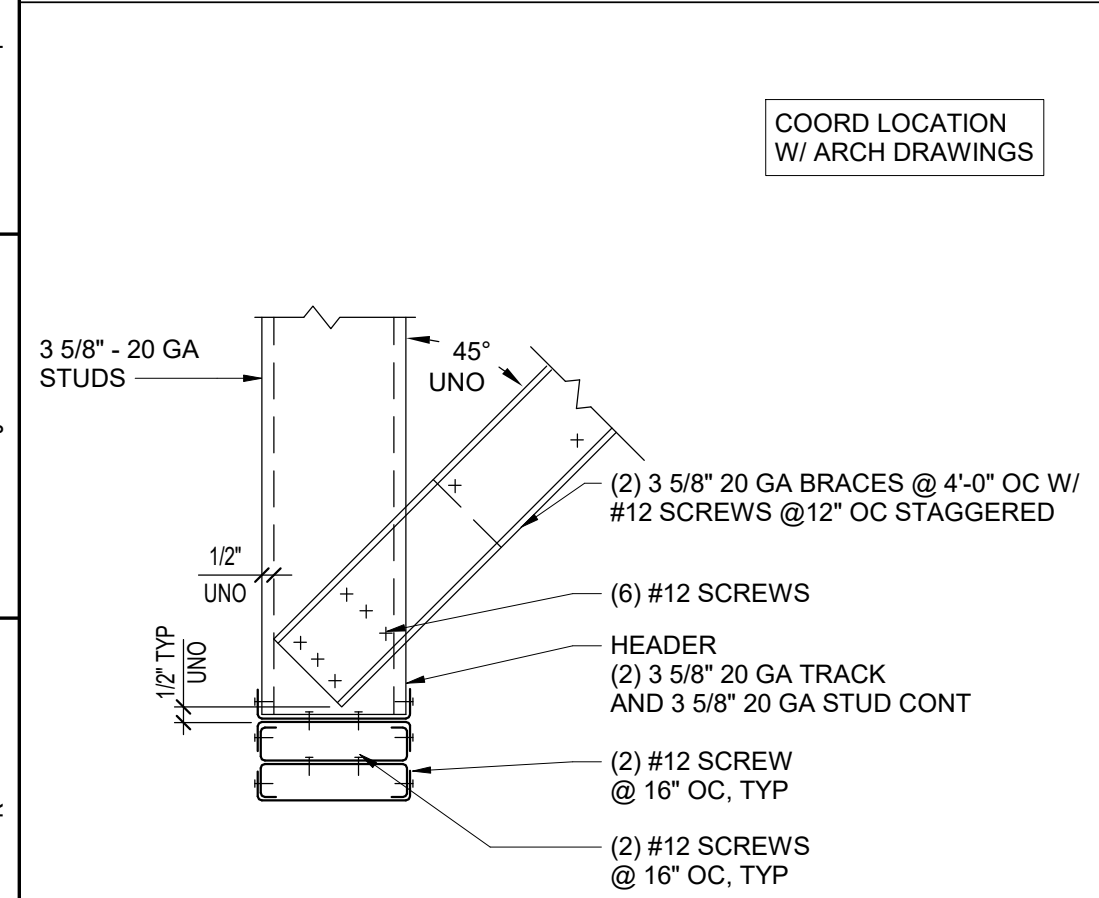
9 Typ Structural Slab on Grade
1 1/2" = 1'-0"



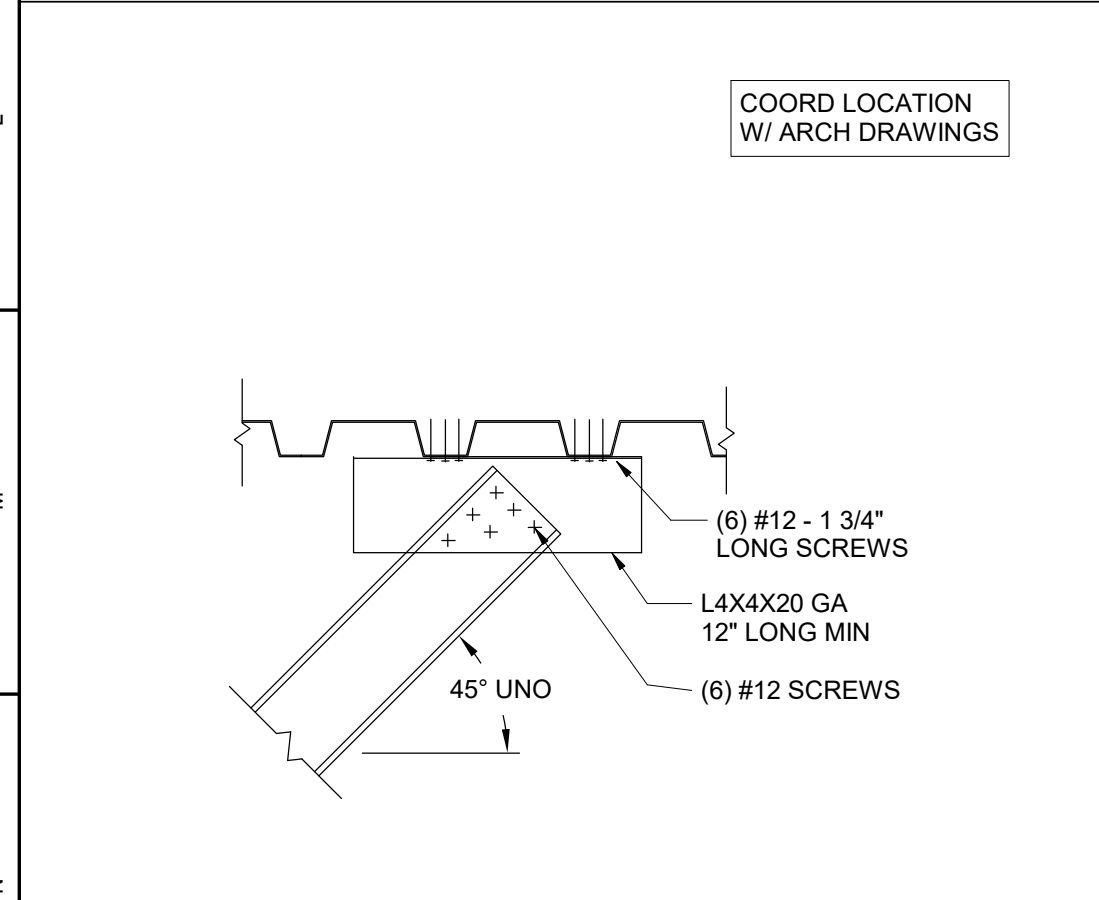
10 Typical Exterior Stair Section
1/2" = 1'-0"



11 Typ New Foundation Wall at Exg
3/4" = 1'-0"

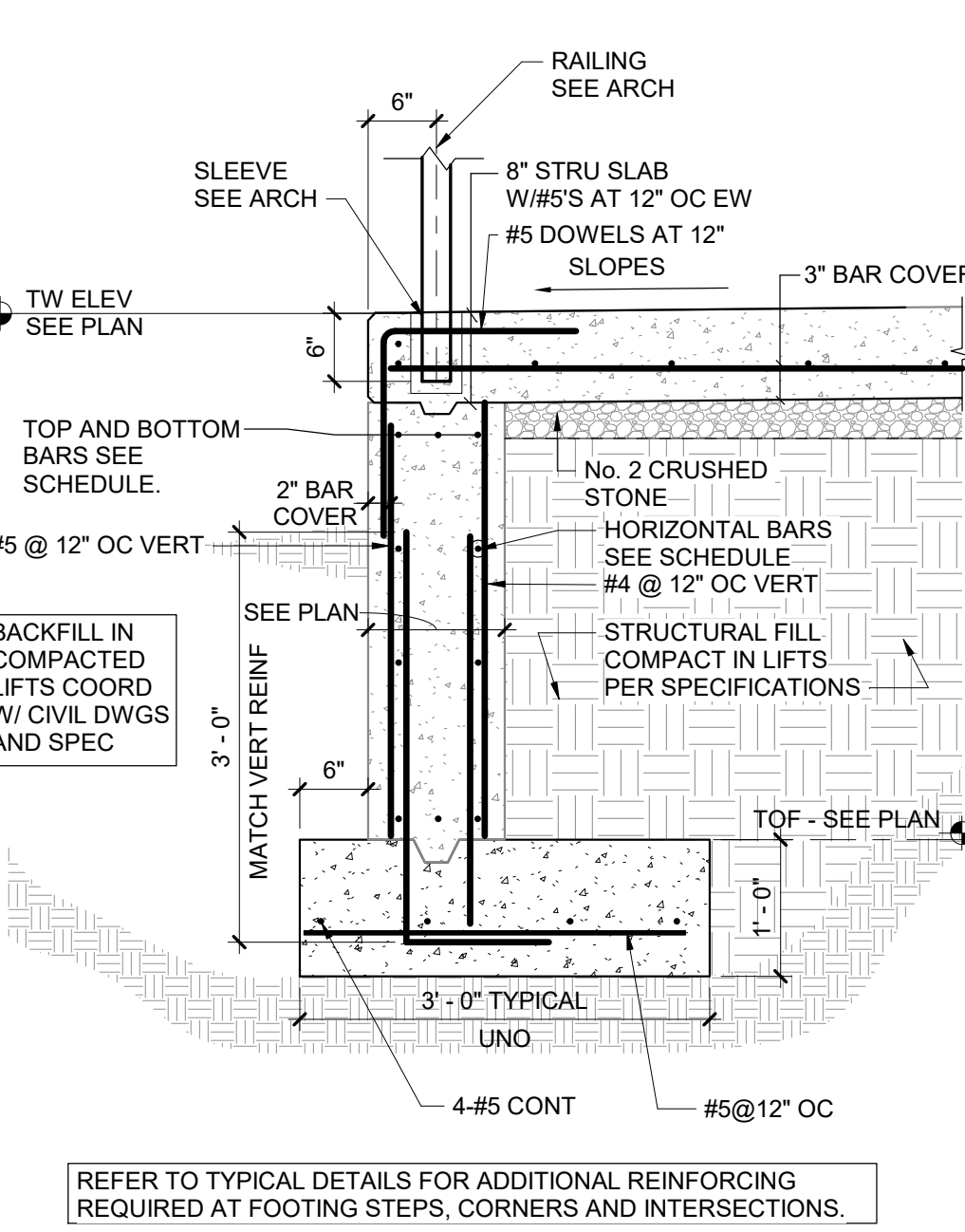


12 Typ CFMF Header Detail
1 1/2" = 1'-0"

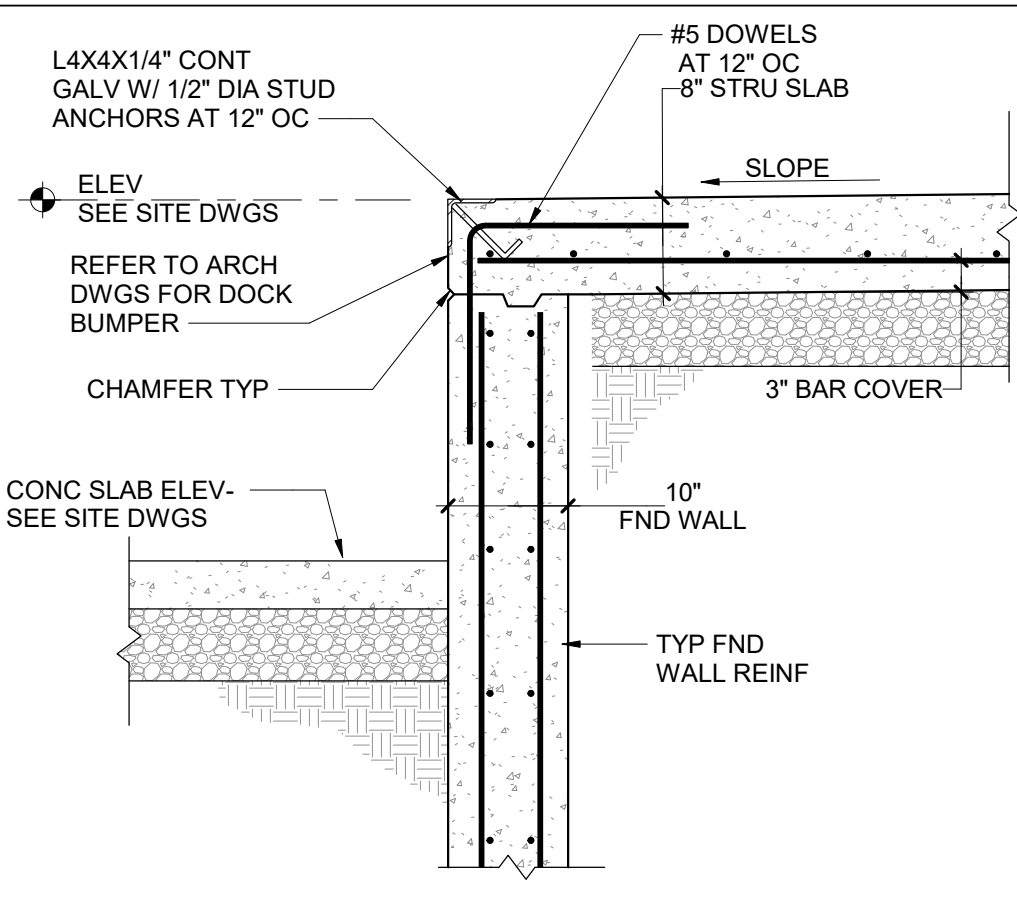


13 Typ CFMF Brace Detail
1 1/2" = 1'-0"

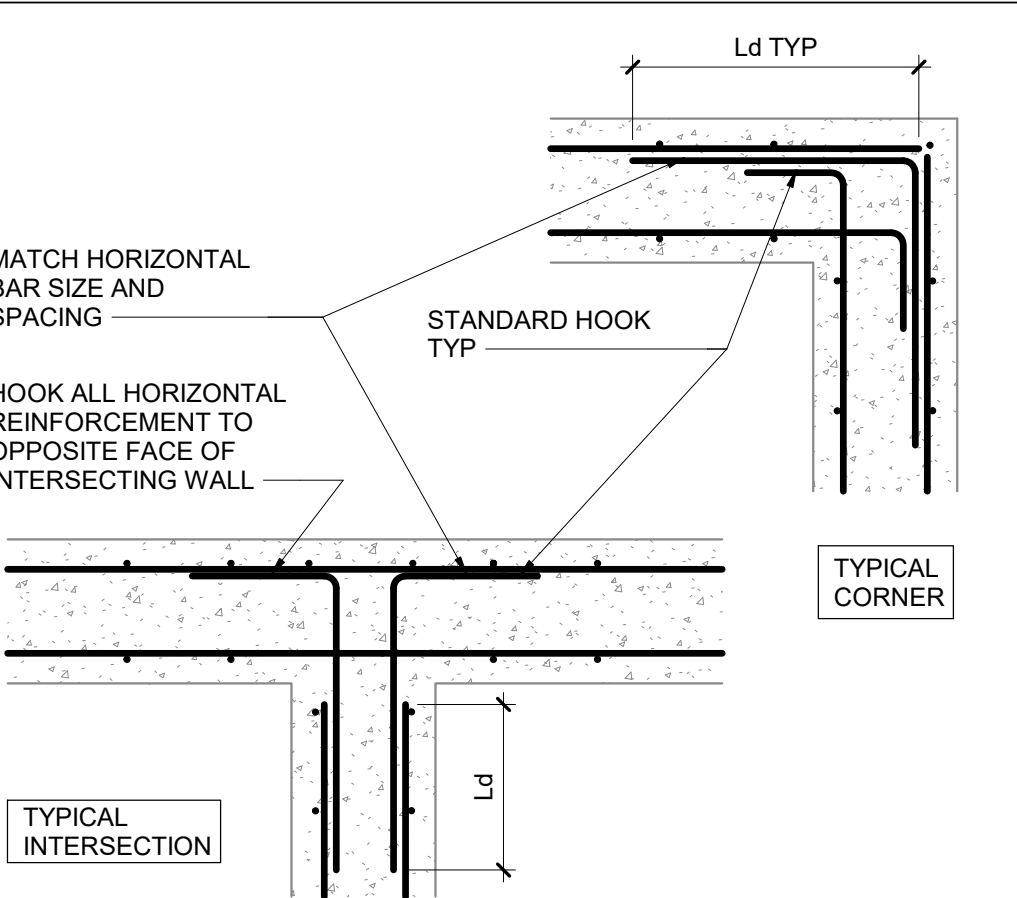
TYPICAL FOUNDATION WALL REINFORCING SCHEDULE		
WALL THICKNESS	HORIZONTAL BARS	TOP AND BOTTOM BARS
8"	#4 @ 12" OF	2-#6
10"	#4 @ 12" EF	3-#6
1'-0"	#4 @ 12" EF	3-#6
1'-2"	#4 @ 12" EF	3-#6
1'-4"	#4 @ 12" EF	3-#6
1'-6"	#4 @ 12" EF	3-#6
1'-8"	#4 @ 12" EF	3-#6
1'-10"	#5 @ 14" EF	3-#6
2'-0"	#5 @ 13" EF	3-#6
2'-2"	#5 @ 12" EF	3-#6
2'-4"	#5 @ 11" EF	3-#6



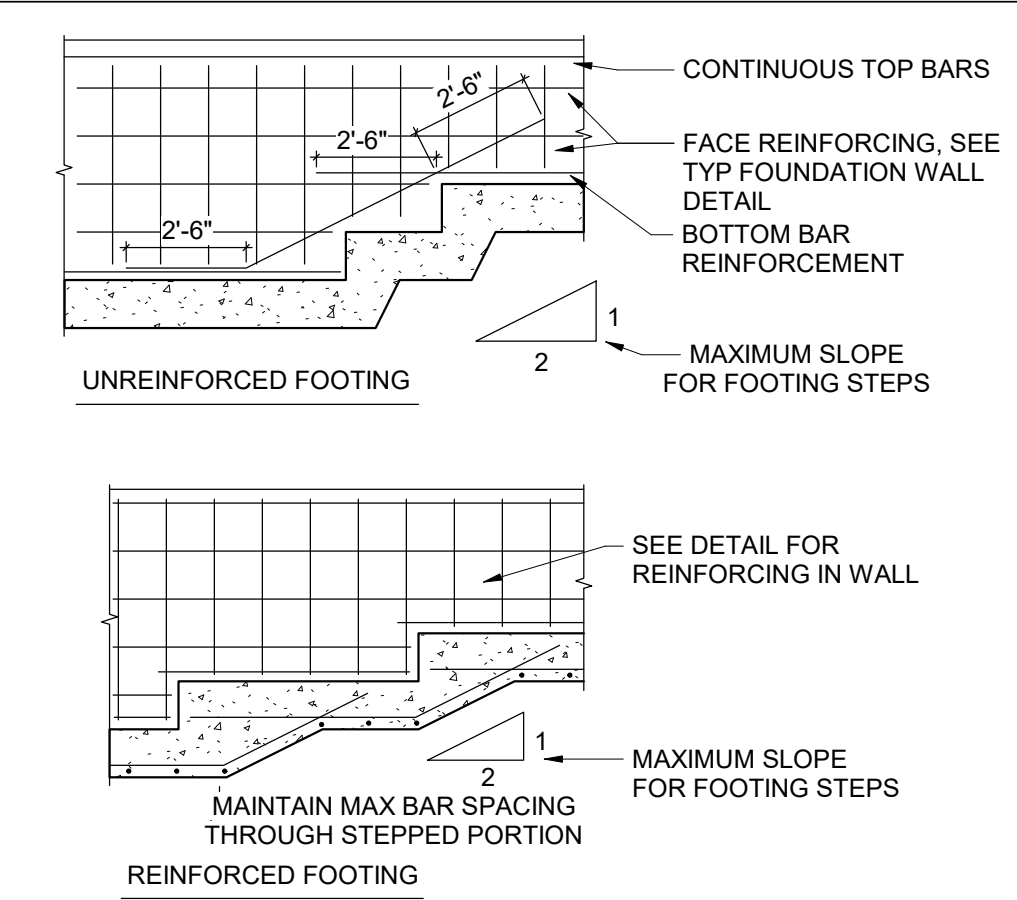
5 Typ Foundation Wall and Footing
3/4" = 1'-0"



6 Typ Foundation Wall at Loading Dock
3/4" = 1'-0"



7 Typ Reinf at Corner and Intersecting
3/4" = 1'-0"

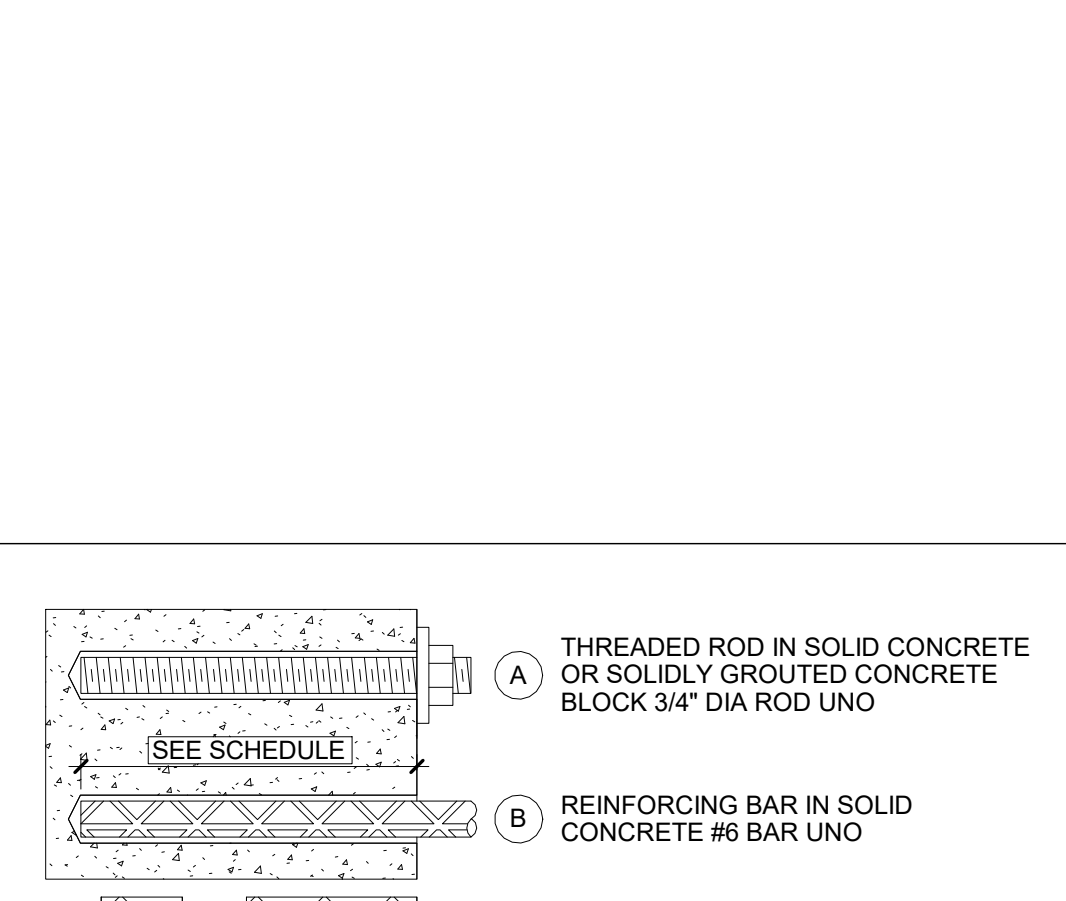


8 Typ Reinforcing at Footing Step
1/2" = 1'-0"

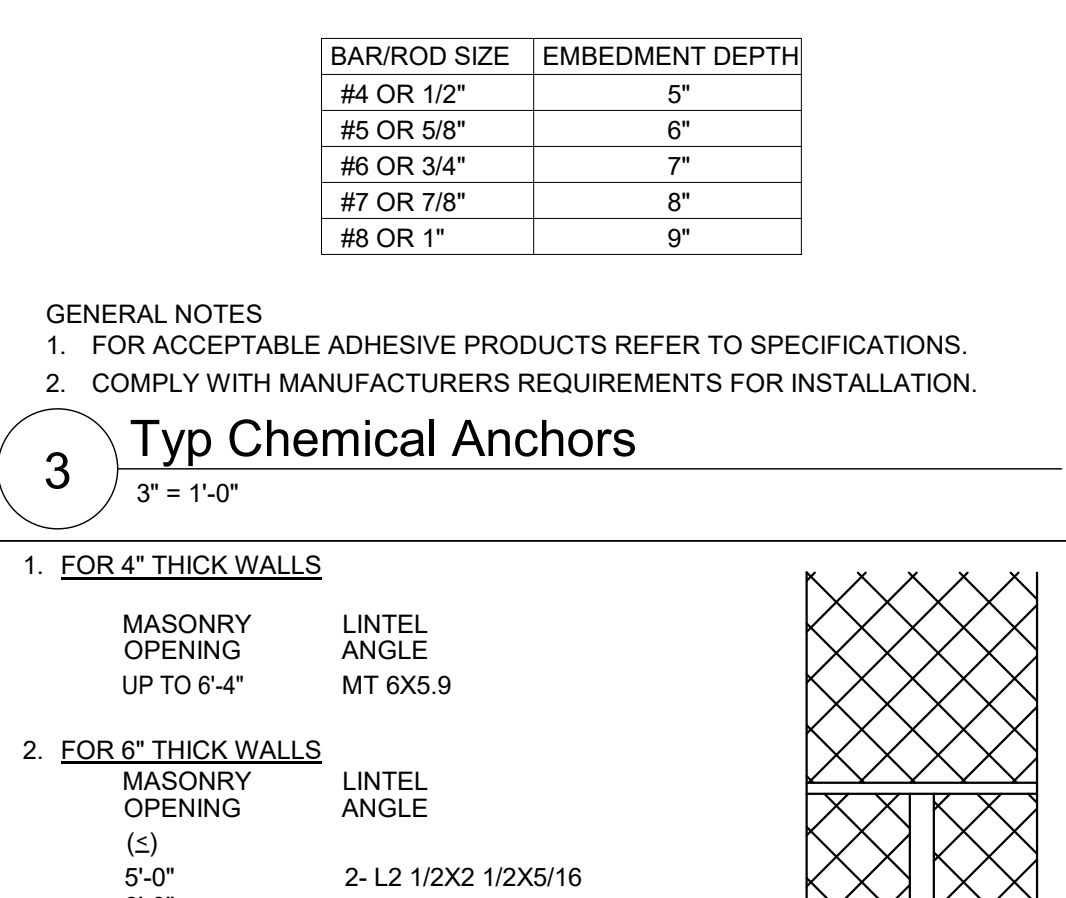
TYPICAL FOUNDATION WALL REINFORCING SCHEDULE		
WALL THICKNESS	HORIZONTAL BARS	TOP AND BOTTOM BARS
8"	#4 @ 12" OF	2-#6
10"	#4 @ 12" EF	3-#6
1'-0"	#4 @ 12" EF	3-#6
1'-2"	#4 @ 12" EF	3-#6
1'-4"	#4 @ 12" EF	3-#6
1'-6"	#4 @ 12" EF	3-#6
1'-8"	#4 @ 12" EF	3-#6
1'-10"	#5 @ 14" EF	3-#6
2'-0"	#5 @ 13" EF	3-#6
2'-2"	#5 @ 12" EF	3-#6
2'-4"	#5 @ 11" EF	3-#6



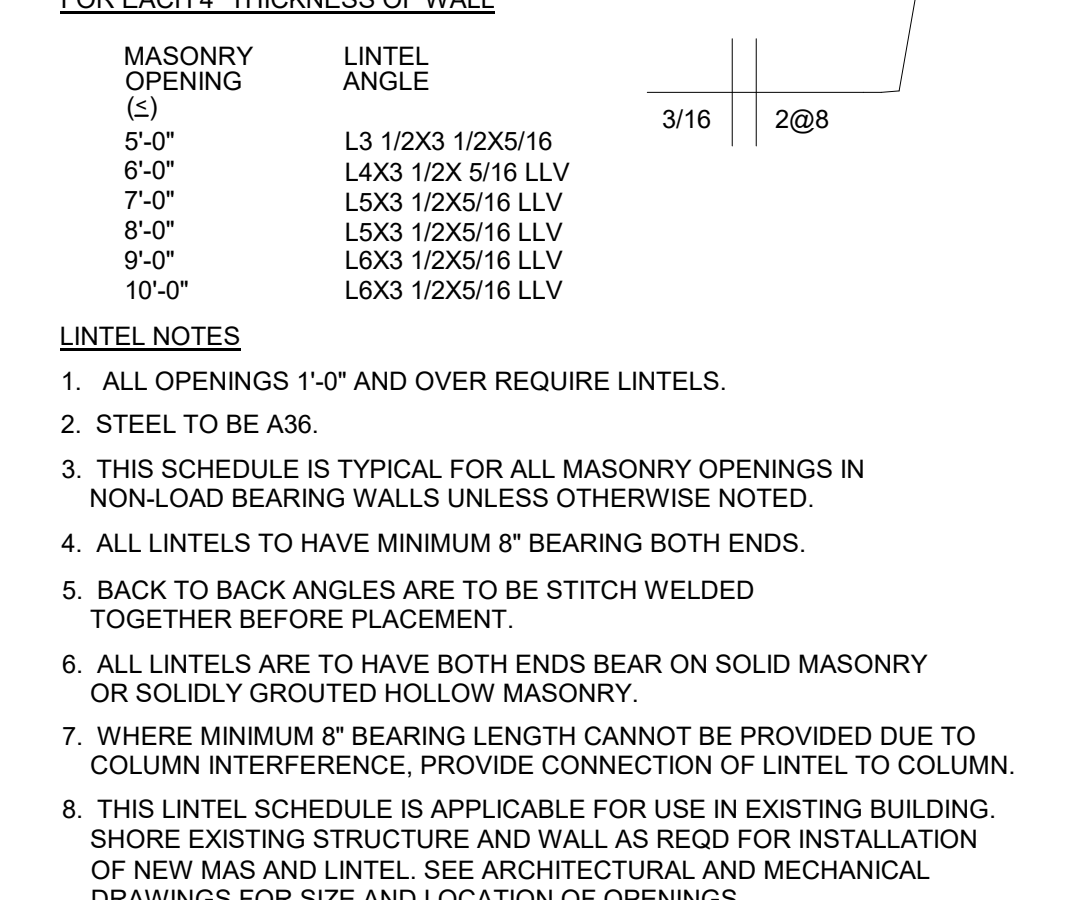
4 Typ Lintel Schedule
1/2" = 1'-0"



2 Scoreboard Support and Fdtn
1/2" = 1'-0"



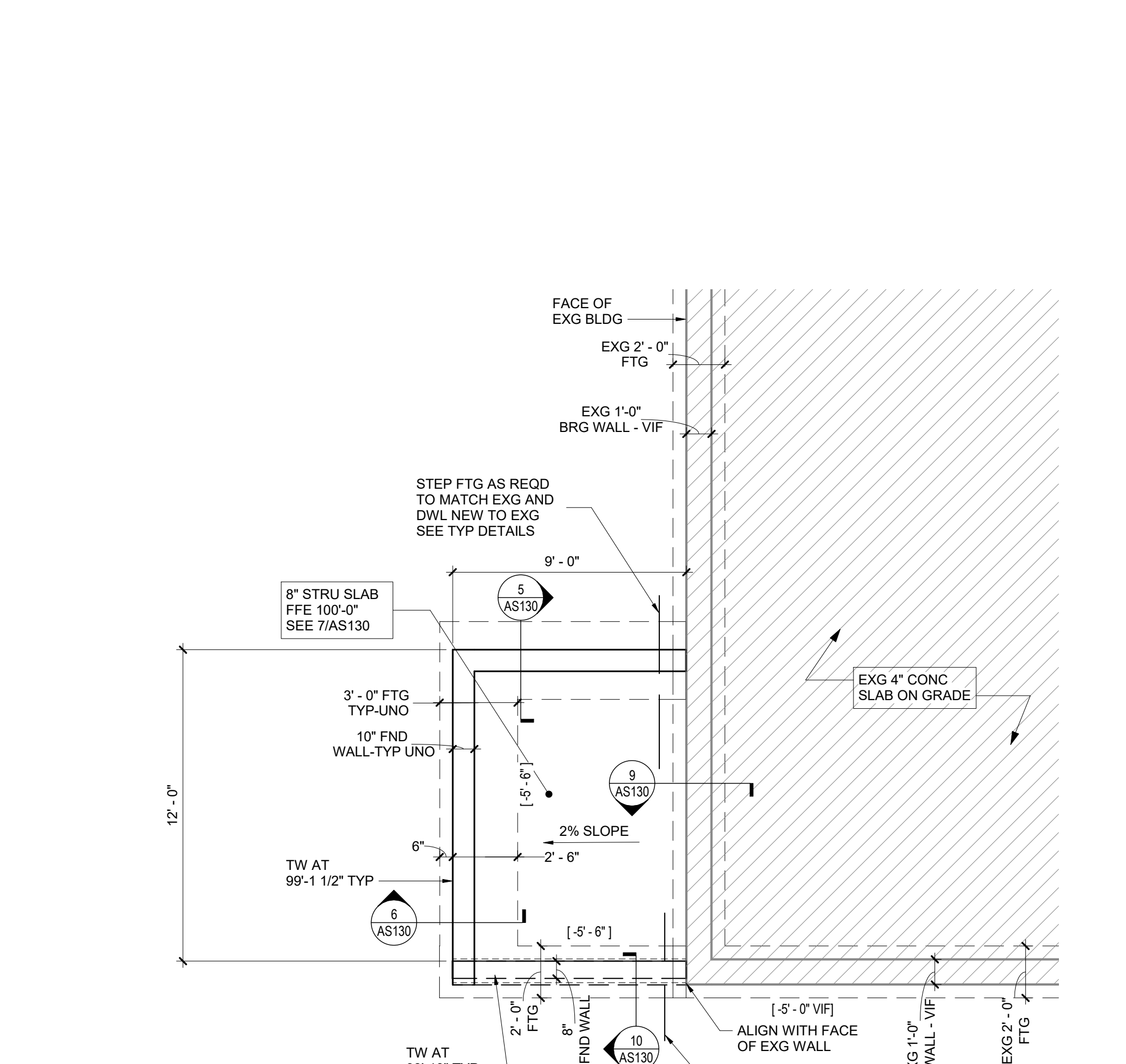
3 Typ Chemical Anchors
3" = 1'-0"



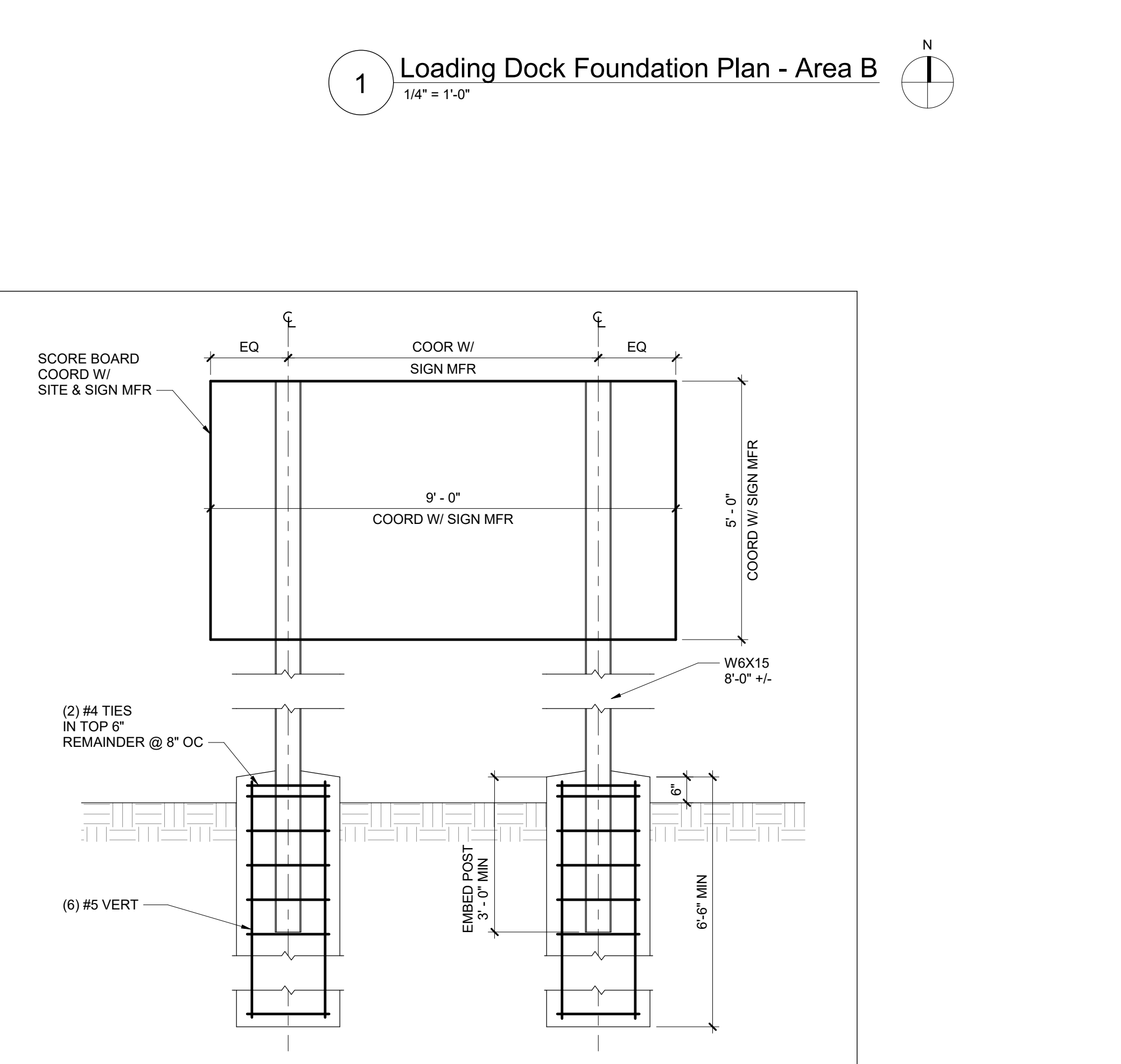
4 Typ Lintel Schedule
1/2" = 1'-0"

COMPONENTS & CLADDING WIND PRESSURE (PSF)															
EFFECTIVE WIND AREA	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						
MEASURED ABOVE DATUM FFE, ELEVATION = 100'-0".	-39.1	17.4	-68.1	17.4	-61.6	-89.8	39.1	-83.3	-89.8	39.1	-83.3	-42.4	39.1	-52.2	39.1
	-39.1	16.3	-63.6	16.3	-60.5	-84.0	37.4	-75.6	-84.0	37.4	-75.6	-40.6	37.4	-48.7	37.4
	-39.1	16.0	-57.7	16.0	-59.0	-76.4	35.1	-65.4	-76.4	35.1	-65.4	-38.4	35.1	-44.1	35.1
	-39.1	16.0	-53.2	16.0	-58.0	-70.8	33.4	-57.7	-70.6	33.4	-57.7	-36.6	33.4	-40.6	33.4
	-26.5	16.0	-42.7	16.0	-39.8	-57.2	29.3	-39.8	-57.2	29.3	-39.8	-32.6	29.3	-32.6	29.3
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 0.6 FOR EXTERIOR WALLS OF COMPONENTS AND CLADDING INCLUDE, BUT ARE NOT LIMITED TO ROOF JOISTS, WALL STUDS, ROOF DECK FASTENERS, VENEER TIES, WINDOWS, AND DOORS.															
AREA VALUES LISTED IN THE TABLE ABOVE, PRESSURE VALUES MAY INTERPOLATED; OTHERWISE USE THE VALUE ASSOCIATED WITH THE LOWER EFFECTIVE WIND AREA.															
(+) ACT TOWARDS THE BUILDING, NEGATIVE PRESSURES (-) ACT AWAY FROM THE BUILDING, POSITIVE AND NEGATIVE PRESSURES DO NOT ACT ON THE SAME SURFACE. PRESSURES ARE APPLIED TO THE SURFACE OF THE COMPONENT OR CLADDING.															
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. SEE SECTION 16.0 FOR APPLICABLE LOAD COMBINATIONS.															

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.



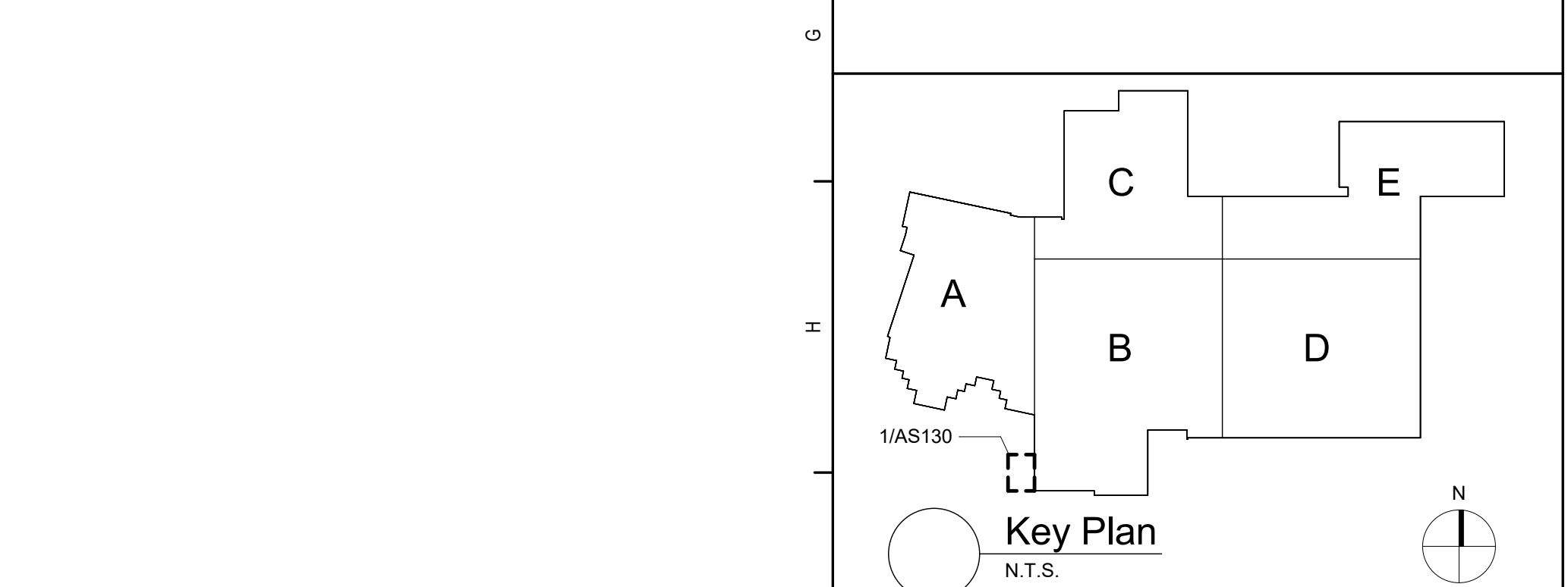
1 Loading Dock Foundation Plan - Area B
1/4" = 1'-0"



2 Scoreboard Support and Fdtn
1/2" = 1'-0"

Structural Loads:		
A. FLOOR LIVE LOADS PER BCNYS 1607 OCCUPANCY OR USE	UNIFORM	125 PSF
LOADING DOCK		
ROOF LIVE LOADS PER BCNYS 1607.13		
MINIMUM ROOF LIVE LOAD	20 PSF	
B. RAIN LOADS PER BCNYS 1611 RAIN INTENSITY, I	2.75 IN/HR	
C. SNOW LOADS PER BCNYS 1608 GROUND SNOW, P _g (FIGURE 1608.2)	40 PSF	
FLAT ROOF SNOW LOAD, P _f (ASCE 7)	30.8 PSF	
SNOW EXPOSURE FACTOR, C _e	1.0	
THERMAL FACTOR, C _t	1.0	
SLOPE FACTOR, C _s	1.0	
SNOW LOAD IMPORTANCE FACTOR, I _s	1.1	
D. WIND LOAD DESIGN CRITERIA PER BCNYS 1609 BASIC DESIGN WIND SPEED (3 SECOND GUST), V	120 MPH	
ALLOWABLE STRESS DESIGN WIND SPEED, V _{asd}	93 MPH	
RISK CATEGORY	III	
EXPOSURE CATEGORY	C	
INTERNAL PRESSURE COEFFICIENT, GCP	-1.0	
E. SEISMIC DESIGN CRITERIA PER BCNYS 1613 RISK CATEGORY	III	
SEISMIC IMPORTANCE FACTOR, I _s	1.25	
MAPPED SPECTRAL RESPONSE ACCELERATION AT SHORT PERIODS, S _s	20.1 %g	
AT 1 SECOND PERIODS, S ₁	5.4 %g	
SITE CLASS	D (*ASSUMED)	
DESIGN SPECTRAL RESPONSE ACCELERATION AT SHORT PERIODS, S _{ss}	21.4 %g	
AT 1 SECOND PERIODS, S _{s1}	8.7 %g	
SEISMIC DESIGN CATEGORY	B	

Foundation Notes:
A. MATERIAL
1. DESIGN BEARING PRESSURE IS ASSUMED TO BE 2,500 PSF. IF OWNERS GEOTECHNICAL ENGINEER DETERMINES THAT INSUFFICIENT BEARING IS ENCOUNTERED AT ELEVATION SHOWN ON PLANS, NOTIFY ARCHITECT BEFORE PROCEEDING.
2. DO NOT PLACE FILL UNTIL SUBMITTAL FOR FILL MATERIAL IS APPROVED BY ARCHITECT.
3. INTERIOR BACKFILL IS TO CONSIST OF STRUCTURAL FILL TO BE WITHIN 8" OF BOTTOM SLAB. THE NEXT 8" LAYER ABOVE THIS WILL BE NO. 2 CRUSHED STONE UNLESS NOTED OTHERWISE. PROVIDE A VAPOR BARRIER BETWEEN THE NO. 2 CRUSHED STONE AND THE SLAB FOR ALL INTERIOR SLABS UNLESS NOTED OTHERWISE. BACKFILL WILL BE PLACED IN MAXIMUM 8" LOOSE LAYERS (MAXIMUM 4" LOOSE LAYERS FOR HAND OPERATED COMPACTION EQUIPMENT) AND COMPACTED TO A DRY DENSITY EQUAL TO 95 PERCENT OF THE MATERIAL DRY DENSITY AS DEFINED BY THE MODIFIED PROCTOR COMPACTION TEST (ASTM D1557). STRUCTURAL FILL AND STONE ARE TO BE IMPORTED FROM OFF SITE. REFER TO PROJECT MANUAL FOR OTHER FILL MATERIAL TYPES.
B. INSTALLATION
1. FOOTINGS ARE TO BEAR AT THE ELEVATIONS SHOWN ON PLANS. BEARING TO BE ON VIRGIN SOIL OR COMPACTED STRUCTURAL FILL.
2. THE ON SITE SOILS ARE SUSCEPTIBLE TO LOSS OF STRENGTH DUE TO WATER AND EXCESSIVE TRAFFIC BY WORKERS AND EQUIPMENT. EXCAVATION AND BACKFILL OPERATIONS ARE TO BE MAINTAINED IN A DRY CONDITION. SURFACE AND INFILTRATING WATER ARE TO BE REMOVED BY SITE GRADING AND PUMPING FROM Sumps AS REQUIRED. THE REMOVAL AND REPLACEMENT OF SOILS RENDERED UNSTABLE DUE TO EXCESSIVE TRAFFIC OR LACK OF DEWATERING PROCEDURES ARE TO BE PAID FOR BY THE CONTRACTOR.



S.E.D. Control No. 62-18-01-06-0-007-018

Rev. No.:
Date:
Description:

WALLKILL
CENTRAL SCHOOL DISTRICT

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

TETRA TECH
ARCHITECTS & ENGINEERS

Walkill Central School District
Walkill, New York

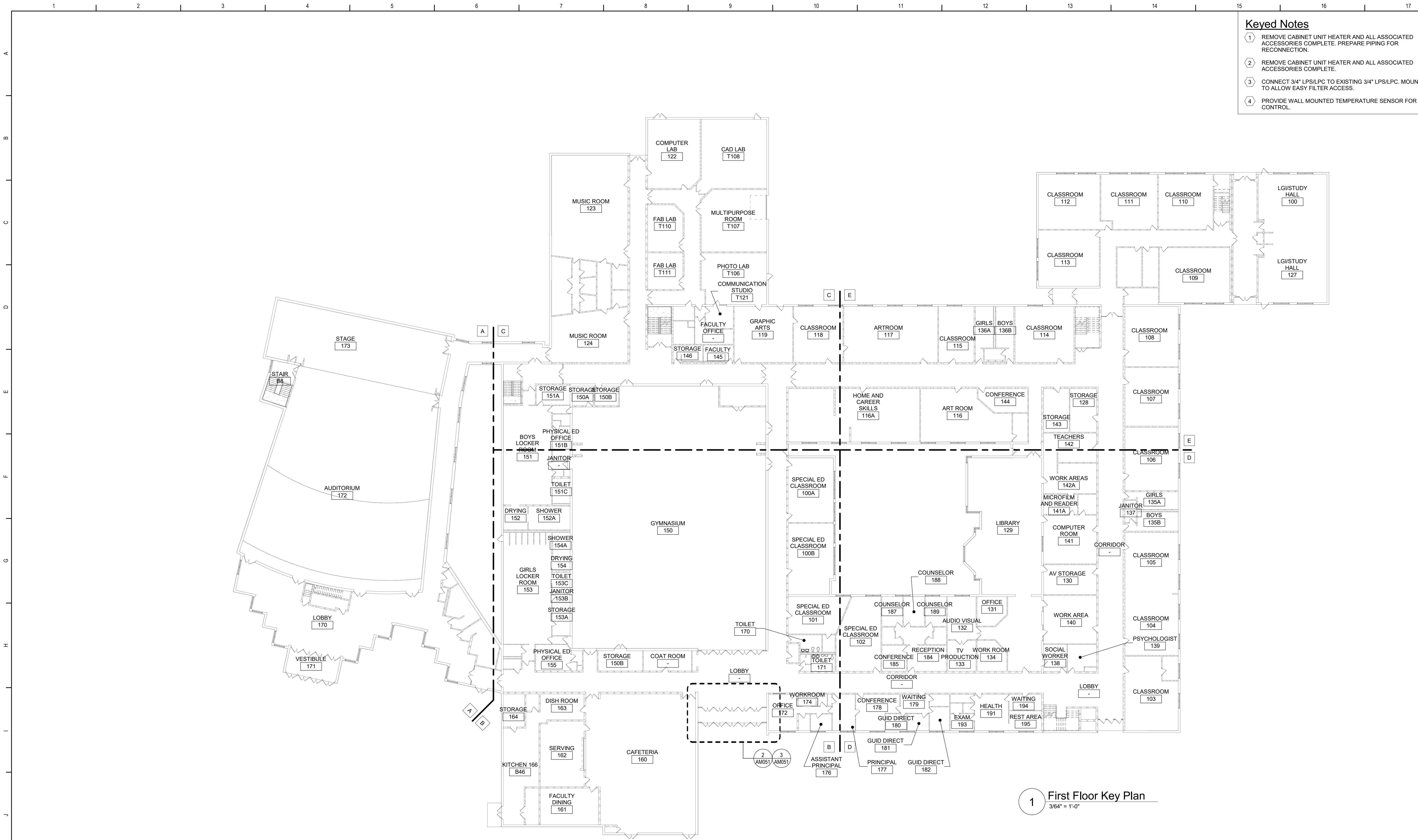
Reconstruction to:
Walkill Senior High School

Loading Dock Foundation Plan - Area B,
Notes, Schedules and Details

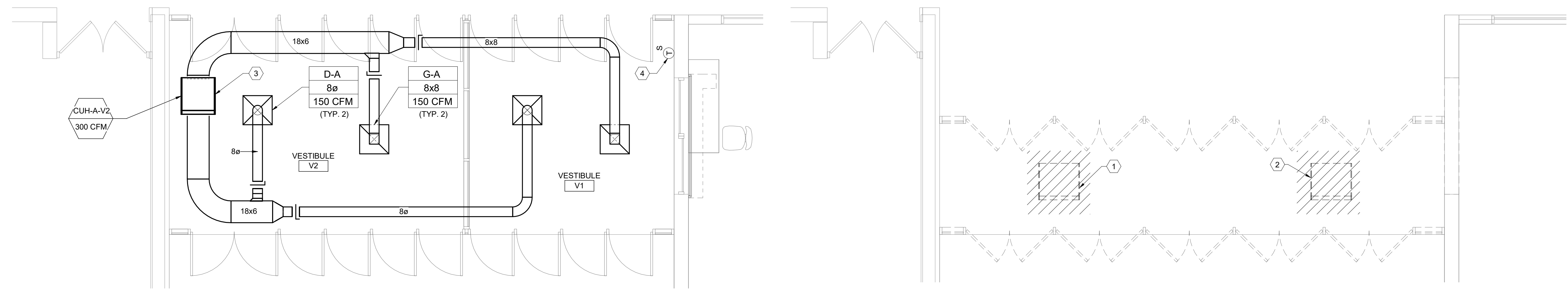
Drawn By:
NDC/kjr
Project No.:
17597-22001

Date:
11/4/2022

Drawing Number:
AS130



1 First Floor Key Plan
3/64" = 1'-0"

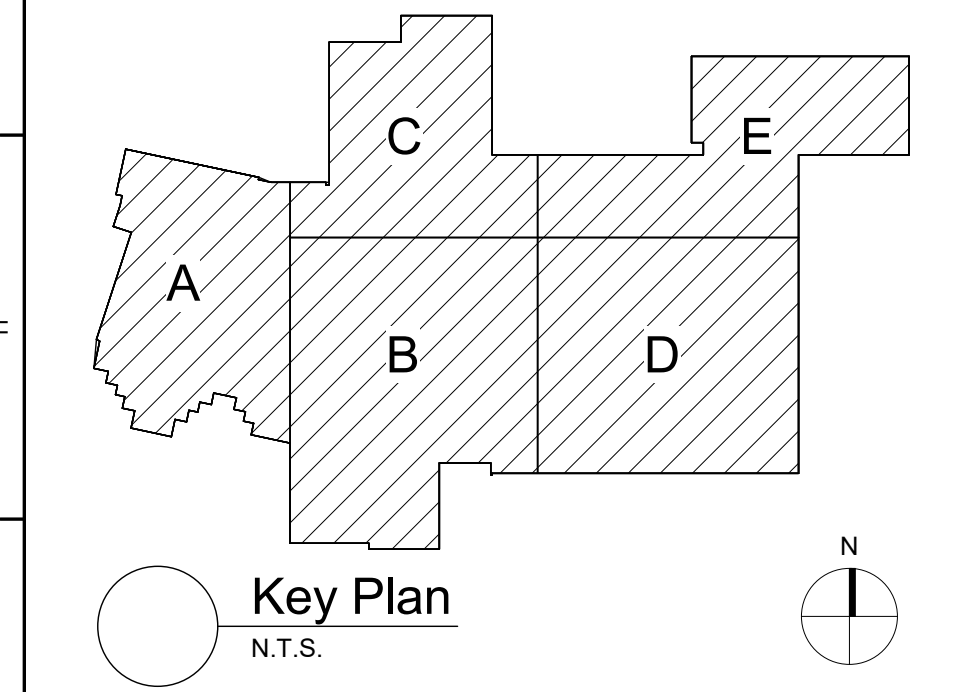


3 Partial First Floor Plan
1/4" = 1'-0"

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

- ### Keyed Notes
- 1 REMOVE CABINET UNIT HEATER AND ALL ASSOCIATED ACCESSORIES COMPLETE. PREPARE PIPING FOR RECONNECTION.
 - 2 REMOVE CABINET UNIT HEATER AND ALL ASSOCIATED ACCESSORIES COMPLETE.
 - 3 CONNECT 3/4" LPS/LPC TO EXISTING 3/4" LPS/LPC. MOUNT CUH TO ALLOW EASY FILTER ACCESS.
 - 4 PROVIDE WALL MOUNTED TEMPERATURE SENSOR FOR ZONE CONTROL.

- ### 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 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, OWNERS' 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 FIRE-RESISTANCE RATINGS NOTED ON AG-SERIES 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. 62-18-01-06-0-007-018

Rev. No.	Date	Description



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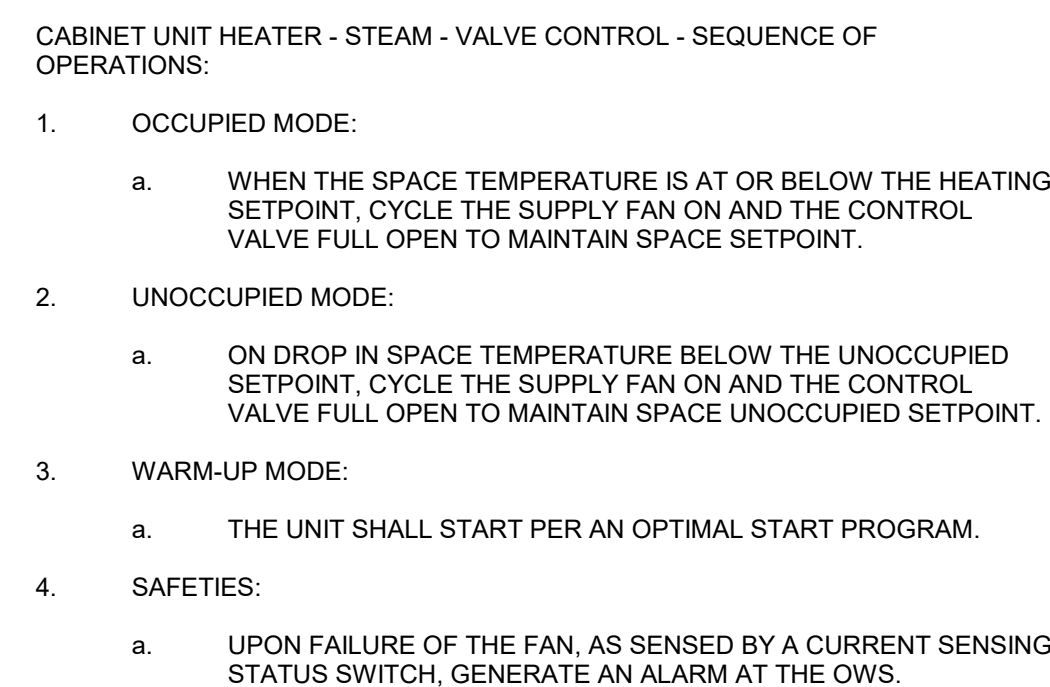
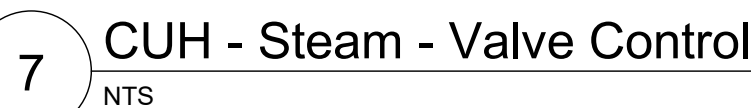
Wallkill Central School District
Wallkill, New York

Reconstruction to:
Wallkill Senior High School

First Floor Key and Partial Plans

Drawn By: JPF 1/1/22	Date: 11/4/2022	Drawing Number: AM051
Project No.: 17597-22001		

NOTES:			
1.	DESIGN BASIS: TRANE	4.	PROVIDE NEMA 1 DISCONNECT SWITCH.
2.	HORIZONTAL CONCEALED CABINET	5.	PROVIDE DUCT COLLAR INLETS AND OUTLETS.
3.	PROVIDE 1" MERV 6 FILTER	6.	VERIFY PIPE AND ELECTRICAL LEFT/RIGHT HAND CONNECTIONS PRIOR TO ORDERING.



1. OCCUPIED MODE:
 - a. WHEN THE SPACE TEMPERATURE IS AT OR BELOW THE HEATING SETPOINT, CYCLE THE SUPPLY FAN ON AND THE CONTROL VALVE FULL OPEN TO MAINTAIN SPACE SETPOINT.
2. UNOCCUPIED MODE:
 - a. ON DROP IN SPACE TEMPERATURE BELOW THE UNOCCUPIED SETPOINT, CYCLE THE SUPPLY FAN ON AND THE CONTROL VALVE FULL OPEN TO MAINTAIN SPACE UNOCCUPIED SETPOINT.
3. WARM-UP MODE:
 - a. THE UNIT SHALL START PER AN OPTIMAL START PROGRAM.
4. SAFETIES:
 - a. UPON FAILURE OF THE FAN, AS SENSED BY A CURRENT SENSING STATUS SWITCH, GENERATE AN ALARM AT THE OWS.

	ANALOG IN
	ANALOG OUT
	COMMUNICATIONS PORT
	AIRBORNE CONTAMINANT SENSOR
	DIGITAL IN
	DAMPER MOTOR
	DIGITAL OUT
	ENERGY MANAGEMENT CONTROL SYSTEM
	FLOW (WATER/AIR)
	FLOW METER
	AIR FLOW SENSOR
	FREEZE STAT
	HUMIDITY SENSOR
	HIGH LIMIT
	KILOWATT HOUR METER
	LOW LIMIT
	MANUAL SWITCH STOP / START
	PRESSURE SENSOR
	DIFFERENTIAL PRESSURE
	POSITION SENSOR
	STOP / START
	SMOKE DETECTOR
	STATUS
	STARTER
	ADJUSTABLE THERMOSTAT
	TEMPERATURE SENSOR
	VARIABLE FREQUENCY DRIVE
	WATER SENSOR
	PERCENT
	END SWITCH
	BOILER SWITCH

Rev. No.:	Date:	Description:
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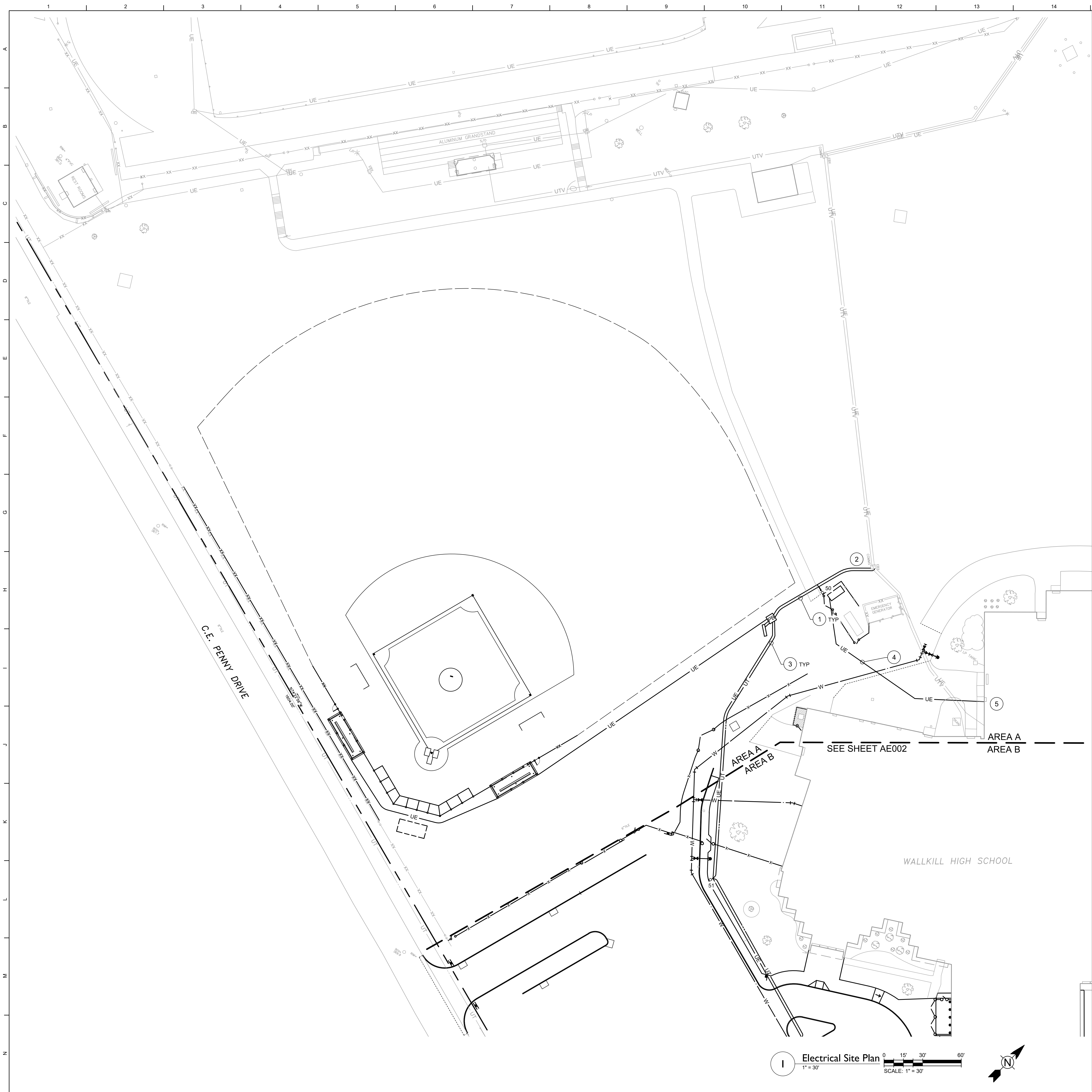


Tetra Tech Engineers, Architects
& Landscape Architects, P.C.

Reconstruction to:
Wallkill Senior High School

Details, Schedule and Control

Drawn By: JPF1/vz	Date: 11/4/2022	Drawing Number: AM500
Project No.: 17597-22001		



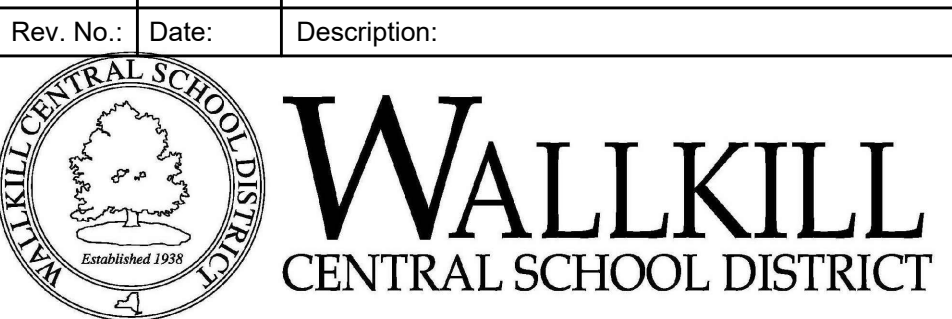
Keyed Notes

- 1 PROVIDE (2) 1" CONDUITS EACH WITH (3) #6, (1) #6 GND. CONNECT TO (2) 20A2P BREAKERS IN PANEL NP-8 AND BUILDING MANAGEMENT SYSTEM IN ROOM C-10A. REFER TO 7/AE500 FOR MORE INFORMATION.
- 2 CONNECT TO EXISTING LIGHTING CIRCUITS IN PULLBOX. REFER TO 7/AE500 FOR MORE INFORMATION.
- 3 PROVIDE (2) 2" SPARE PVC CONDUIT WITH PULL STRING.
- 4 PROVIDE 20A, 1 POLE BREAKER IN EXISTING BOILER ROOM PANEL. CONNECT TO TANK MONITORING PANEL ON WALL OF BOILER ROOM, REFER TO PLUMBING PLANS.
- 5 PROVIDE THE FOLLOWING:
-1 -3/4" CONDUIT WITH (2) #12 G. (1) #12 G FROM TANK MONITORING PANEL TO OFF FUEL PUMP.
-1 -3/4" CONDUIT FOR CONTROL FROM TANK MONITORING PANEL TO FUEL PUMP.
-2 -3/4" SPARE CONDUIT FROM BOILER ROOM TO FUEL PUMP.
-2 -3/4" CONDUIT FOR FIRE SUPPRESSION SYSTEM POWER AND CONTROLS.

General Site Notes

- A. REFER TO DRAWING AE051 FOR GENERAL NOTES.
- B. ALL SITE POLE LIGHTING IS AUTO ON BY PHOTOCELL. 30% REDUCTION BY MOTION SENSOR AT EACH POLE AND SCHEDULE OFF BY BUILDING MANAGEMENT SYSTEM LOCATED IN PENTHOUSE ABOVE AUDITORIUM.

S.E.D. Control No. 62-18-01-06-0-007-018



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BID SET

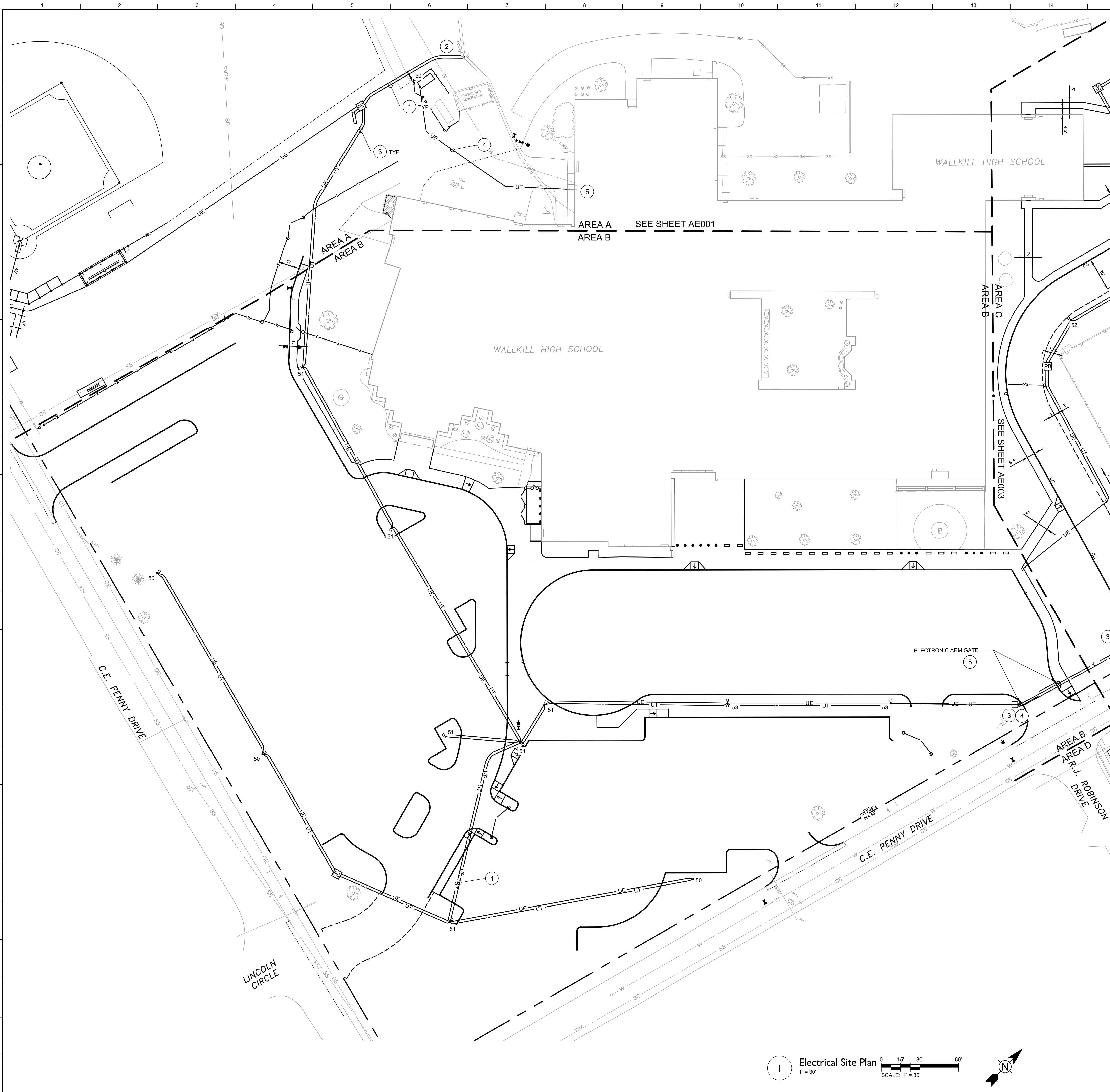


Wallkill Central School District
Wallkill, New York

Reconstruction to:
Wallkill Senior High School

Electrical Site Plan - Area A

Drawn by: GLK/CR/ded	Date: 11/4/2022	Drawing No.:
Project No.:	17597-22001	AE001



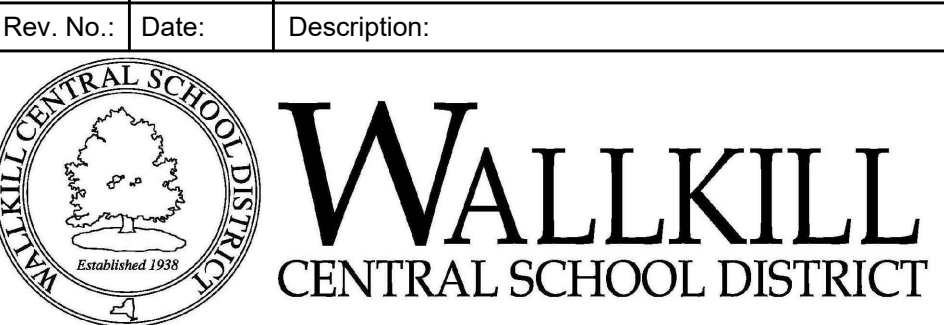
Keyed Notes

- 1 PROVIDE (1)1" CONDUITS WITH (3)#10, (1) #10 GND. CONNECT TO SPARE 20A1P BREAKER IN PANEL NP-8 AND BUILDING MANAGEMENT SYSTEM IN ROOM C-10A. REFER TO 7/AE500 FOR MORE INFORMATION.
- 2 PROVIDE (1)1/2" CONDUITS WITH (3)#10, (1) #10 GND. CONNECT TO SPARE 20A1P BREAKER IN PANEL NP-8 AND BUILDING MANAGEMENT SYSTEM IN ROOM C-10A. REFER TO 7/AE500 FOR MORE INFORMATION.
- 3 PROVIDE (2) 2" SPARE PVC CONDUIT. PROVIDE (1) 2" SPARE PVC CONDUIT WITH PULL STRING.
- 4 PROVIDE NEMA 3R BOX WITH HEATER AND FA FOR GATE CONTROL PANEL.
- 5 PROVIDE 1" CONDUIT WITH PULL STRING FROM GATE CONTROL PANEL TO EACH GATE OPERATOR.

General Site Notes

- A. REFER TO DRAWING AE051 FOR GENERAL NOTES.
- B. ALL SITE POLE LIGHTING IS AUTO ON BY PHOTOCELL 30% REDUCTION BY MOTION SENSOR AT EACH POLE AND SCHEDULE OFF BY BUILDING MANAGEMENT SYSTEM LOCATED IN PENTHOUSE ABOVE AUDITORIUM.

S.E.D. Control No. 62-18-01-06-0-007-018



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BID SET

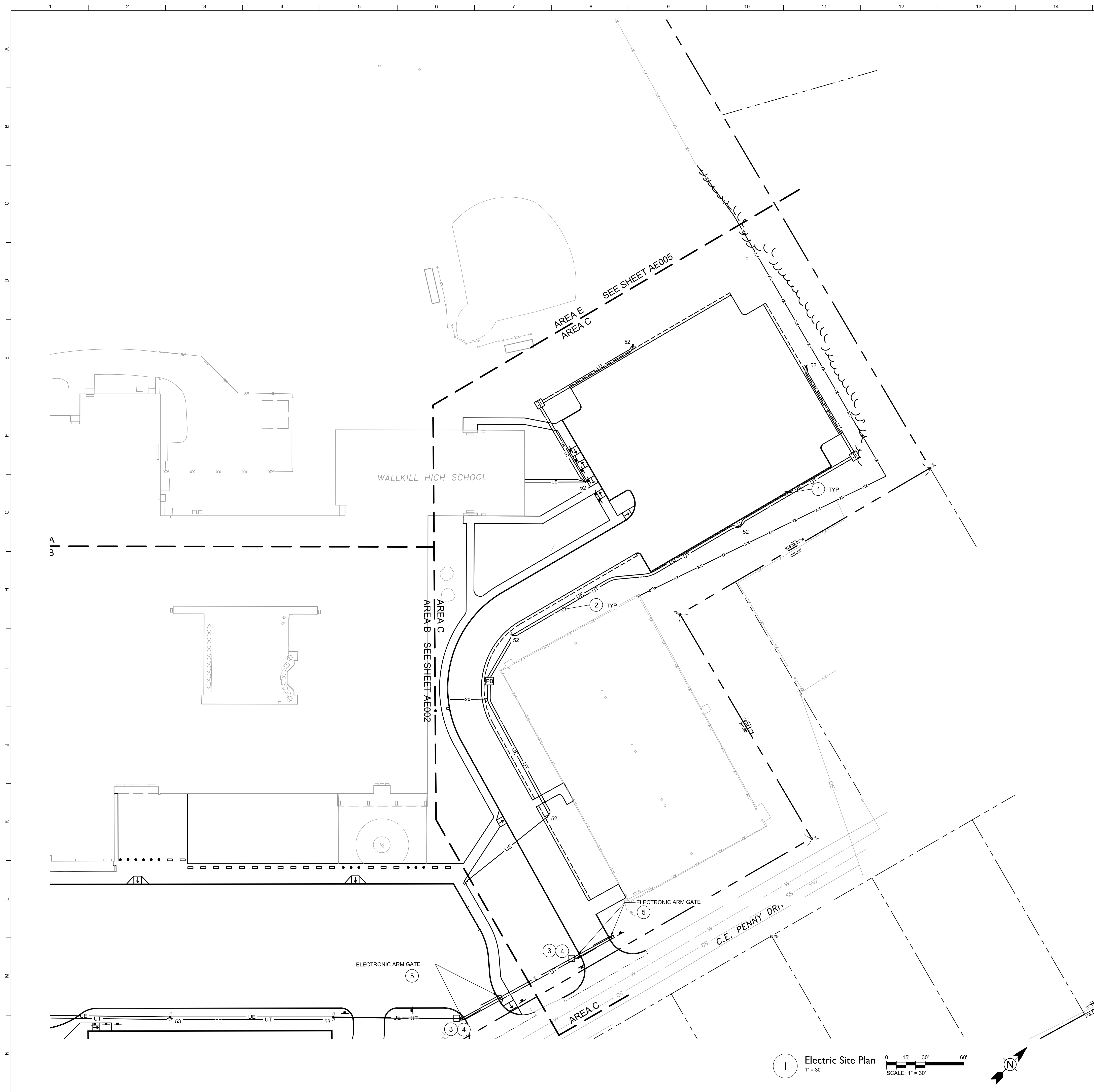


Wallkill Central School District
Wallkill, New York

Reconstruction to:
Wallkill Senior High School

Electrical Site Plan - Area B

Drawn by: GLK/CR/ded	Date: 11/4/2022	Drawing No.:
Project No.:	17597-22001	AE002



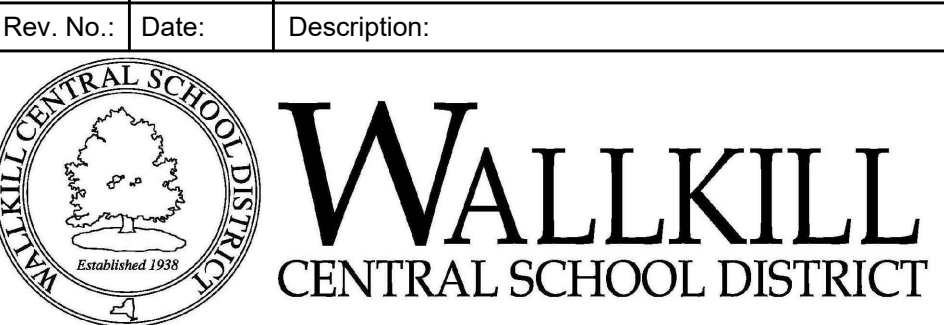
Keyed Notes

- 1 PROVIDE (1)1" CONDUITS WITH (3)#10, (1) #10 GND. CONNECT TO SPARE 20A1P BREAKER IN PANEL NP-8 AND BUILDING MANAGEMENT SYSTEM IN ROOM C-10A. REFER TO 7/AE500 FOR MORE INFORMATION.
- 2 PROVIDE (2) 2" SPARE PVC CONDUIT. PROVIDE (1) 2" SPARE PVC CONDUIT WITH PULL STRING.
- 3 PROVIDE 1" CONDUIT WITH 6 STRAND SINGLEMODE FIBER OPTIC CABLE FROM BUILDING TO BUS ENTRANCE GATE CONTROL PANEL. PROVIDE 1" CONDUIT WITH 6 STRAND SINGLE MODE FIBER OPTIC CABLE FROM BUS ENTRANCE GATE CONTROL PANEL TO TEACHER GATE CONTROL PANEL.
- 4 PROVIDE 1"CONDUIT FROM EXISTING PANEL TO GATE CONTROL PANEL. PROVIDE 1" CONDUIT WITH (2)#12, (1)#12 GROUND BETWEEN GATE CONTROLLERS.
- 5 PROVIDE 1"CONDUIT FROM EXISTING BUILDING PANEL TO FIRST GATE OPERATOR AND PROVIDE (2)#10, (1)#10G IN 1"CONDUIT BETWEEN EACH GATE OPERATOR.

General Site Notes

- A. REFER TO DRAWING AE051 FOR GENERAL NOTES.
- B. ALL SITE POLE LIGHTING IS AUTO ON BY PHOTOCELL 30% REDUCTION BY MOTION SENSOR AT EACH POLE AND SCHEDULE OFF BY BUILDING MANAGEMENT SYSTEM LOCATED IN PENTHOUSE ABOVE AUDITORIUM.

S.E.D. Control No. 62-18-01-06-0-007-018



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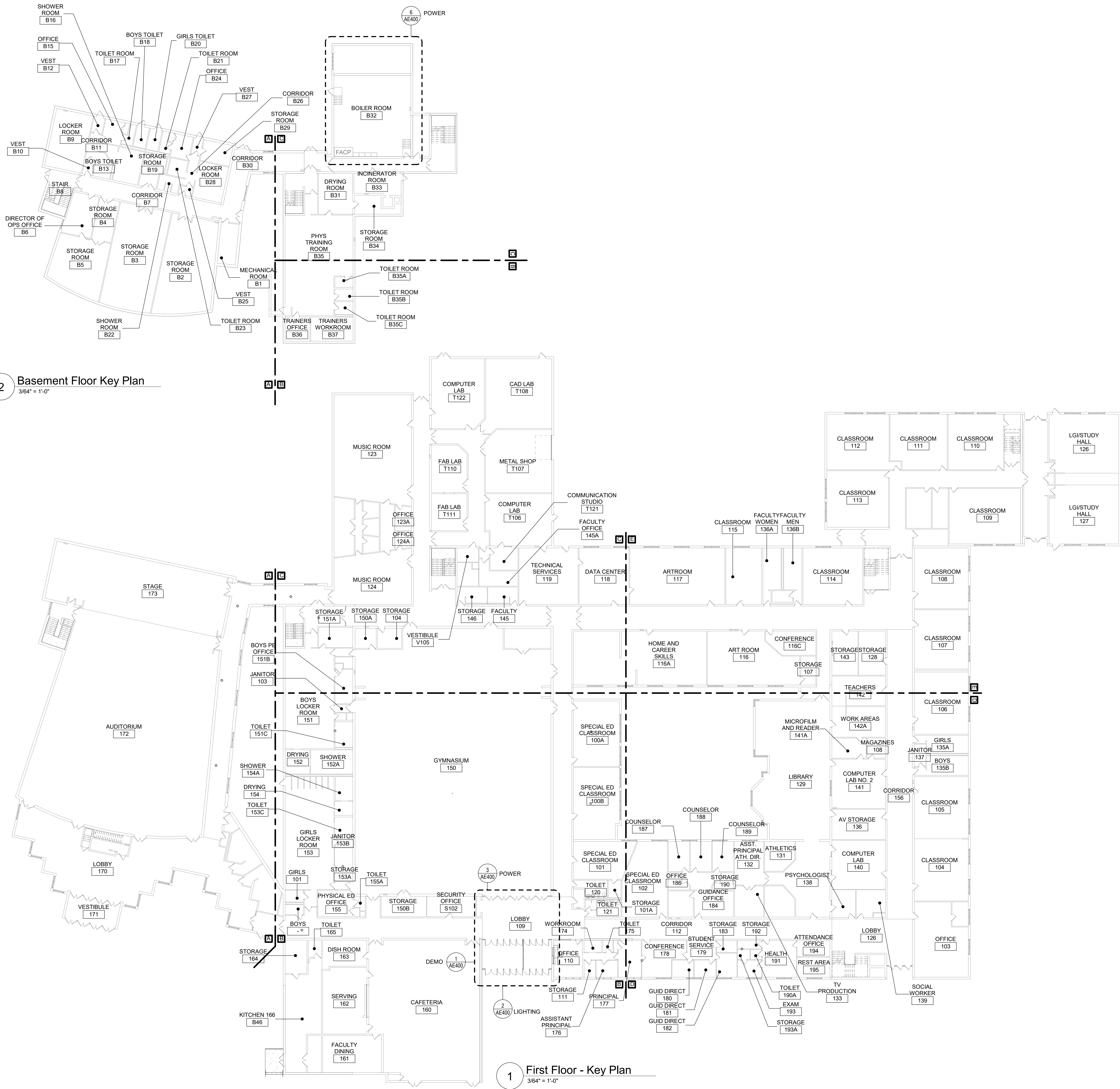


Wallkill Central School District
Wallkill, New York

Reconstruction to:
Wallkill Senior High School

Electric Site Plan - Area C

Drawn by: GLK/CR/ded	Date: 11/4/2022	Drawing No.:
Project No.:		AE003
17597-22001		

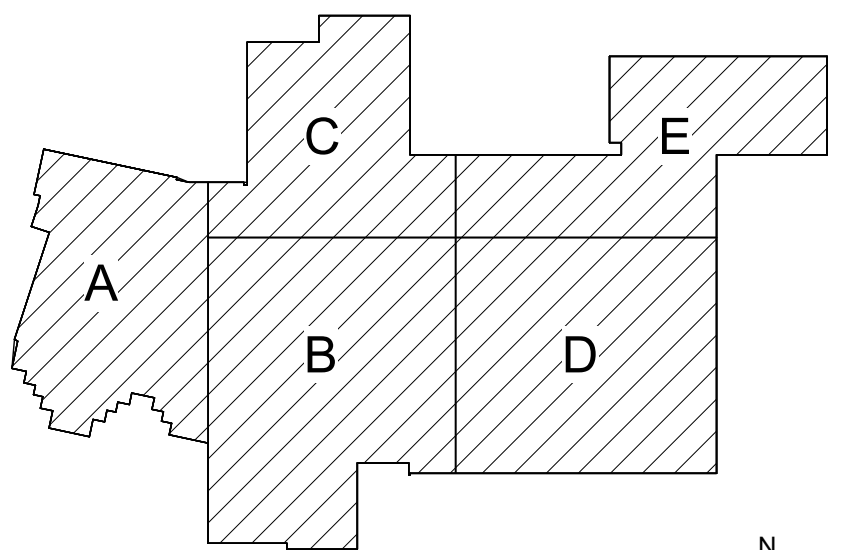


2 Basement Floor Key Plan
3/64" = 1'-0"

1 First Floor - Key Plan
3/64" = 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 SA FOR STANDARD SYMBOLS AND ABBREVIATIONS.
- C. AT ALL CORRIDORS WHERE NEW CEILINGS ARE BEING INSTALLED, REINSTALL DEVICES ON NEW CEILINGS AS SHOWN ON NEW WORK DRAWINGS AND EXTEND/MODIFY EXISTING CIRCUITRY AS REQUIRED.
- 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 THIN 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. 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.
- J. 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 AUDIOVISUAL 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.
- K. COORDINATE ALL ELECTRICAL WORK WITH OTHER TRADES.
- L. PROVIDE ALL POWER DISTRIBUTION WORK INCLUDING PANELS, FEEDERS AND BRANCH CIRCUIT WIRING. UPDATE PANEL DIRECTORIES ACCORDINGLY.
- M. 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.
- N. AT ALL (#) LOCATIONS RUN AN INDIVIDUAL PLENUM RATED CATEGORY 1 UTP CABLE FROM BOX TO NEAREST IDF. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION. (#) INDICATES QUANTITY OF RUNS TO BOX.



Key Plan
N.T.S.

S.E.D. Control No. 62-18-01-06-0-007-018

Rev. No.: Date: Description:



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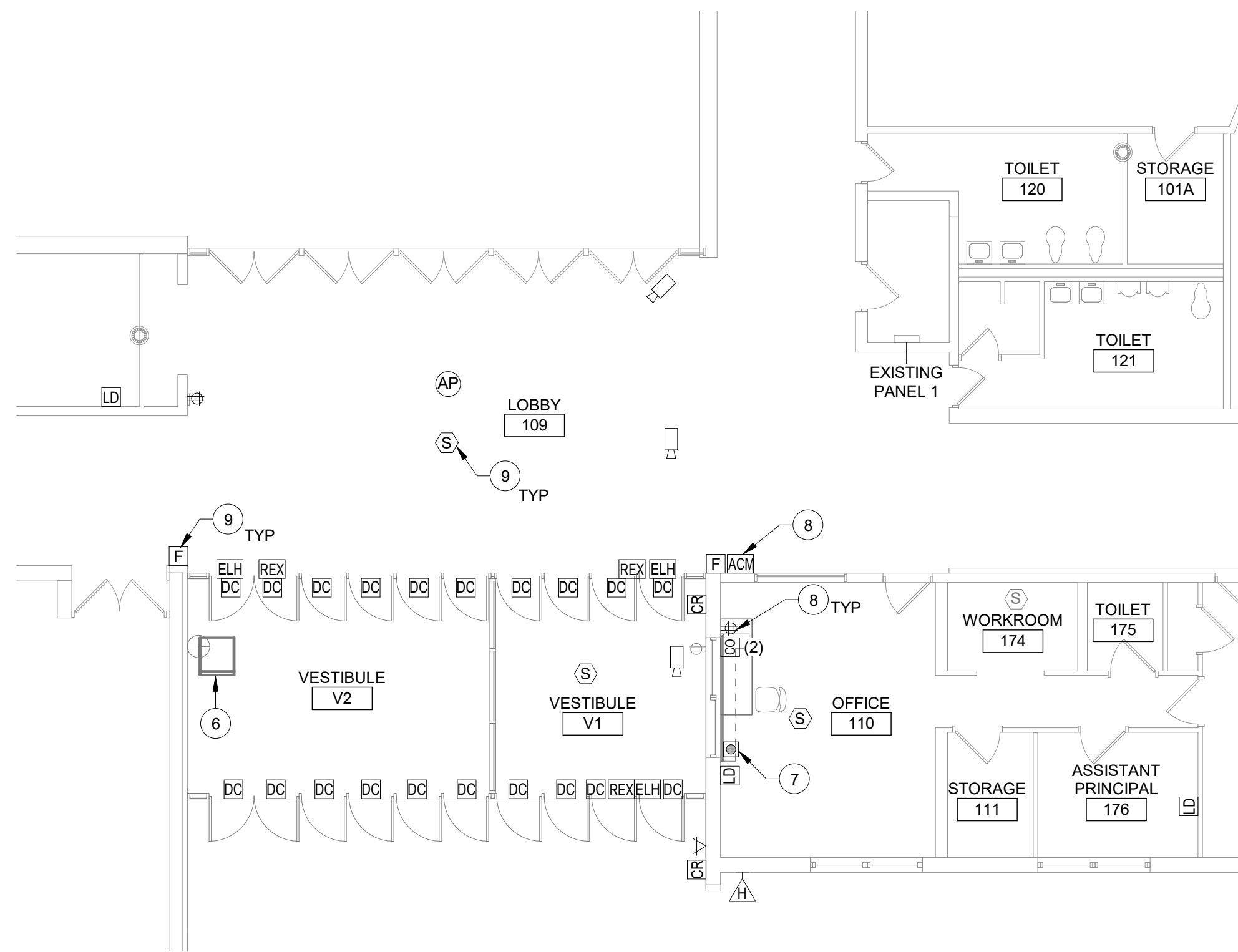


Walkill Central School District
Walkill, New York

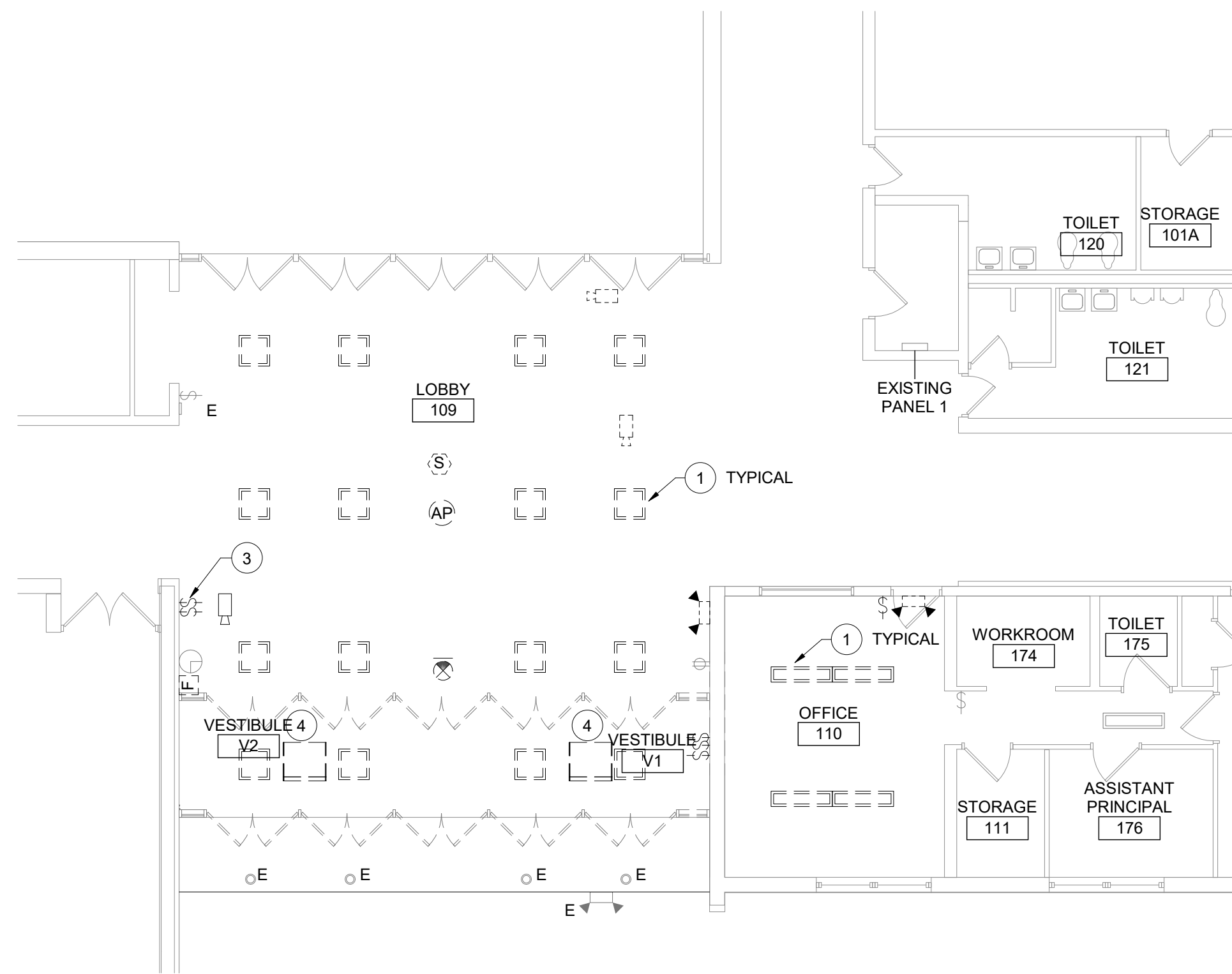
Reconstruction to:
Walkill Senior High School

Basement and First Floor Key Plan

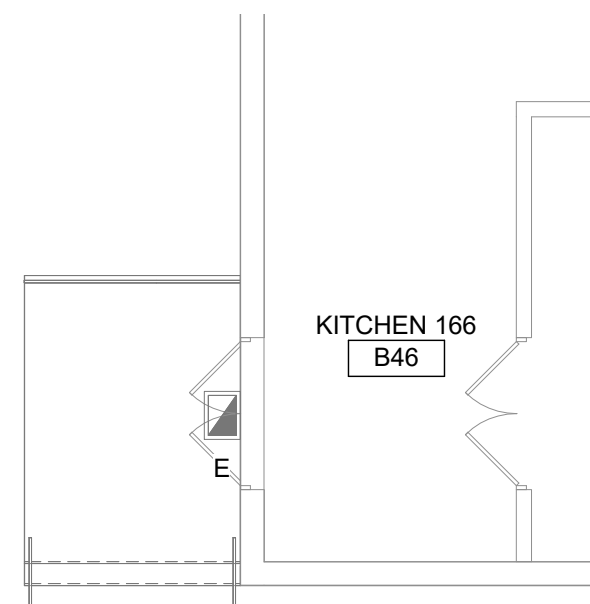
Drawn By: GLK/CR/ded	Date: 11/4/2022	Drawing Number:
Project No.: 17597-22001	AE051	



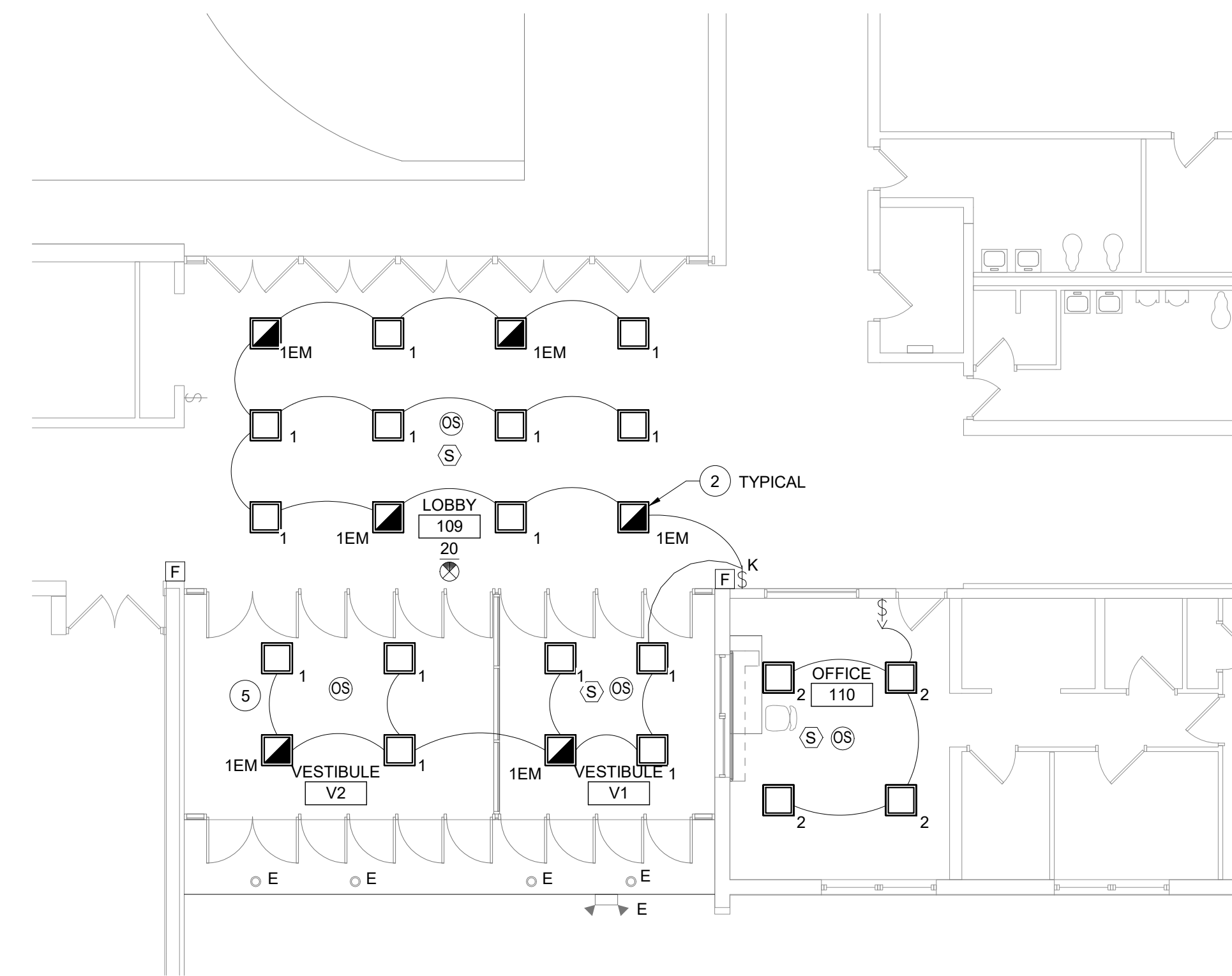
3 First Floor - Power & Communications Plan
1/8" = 1'-0"



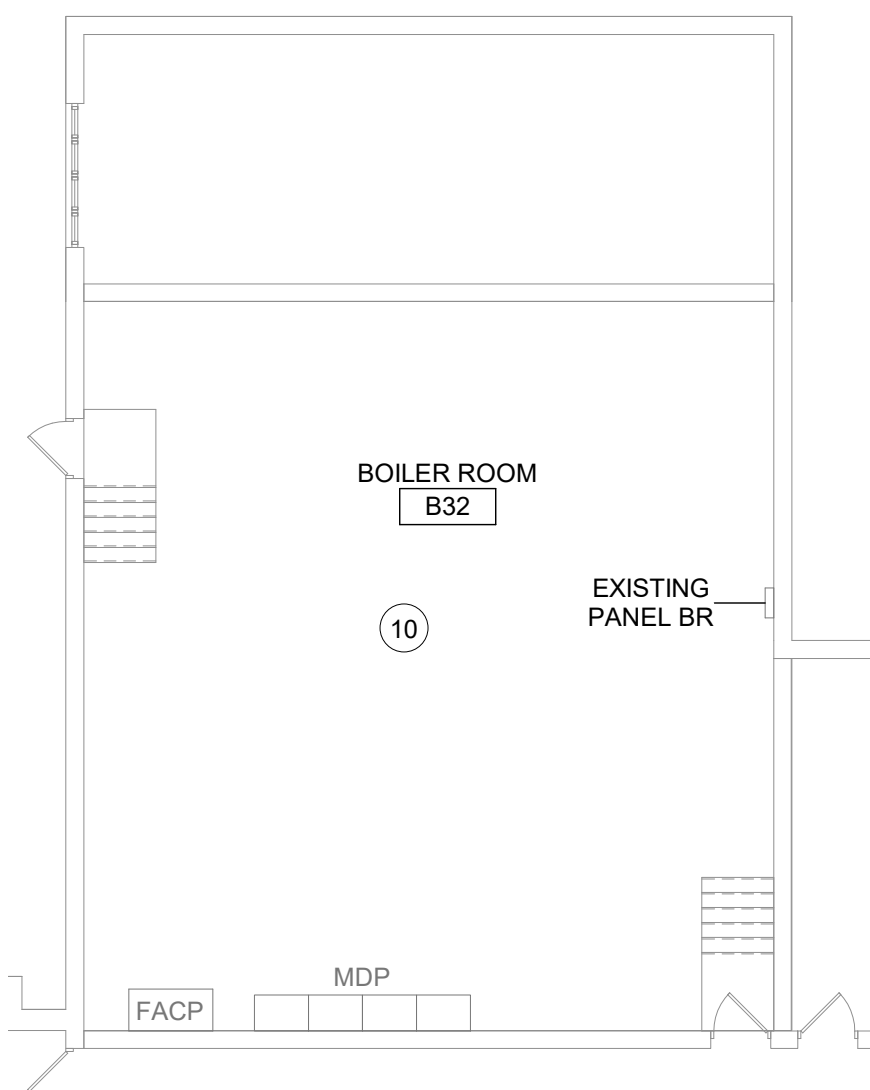
1 First Floor - Demolition Plan
1/8" = 1'-0"



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



2 Patial First Floor Lighting Plan - Area B
1/8" = 1'-0"



6 Basement Plan Demolition Bolier Room
3/32" = 1'-0"

LUMINAIRE SCHEDULE						
TYPE	SYMBOL	DESCRIPTION	LAMPS		MANUFACTURERS (OR EQUAL)	
			WATTAGE	LUMENS	TYPE	NAME
1		2' x 2' FLAT PANEL (RECESSED IN GRID)	16	2000	LED	SIGNIFY (DAY-BRITE)
1 EM		SAME AS TYPE 1 -WITH INTEGRAL BATTERY	16	2000	LED	SIGNIFY (DAY-BRITE)
2		2' x 2' FLAT PANEL (RECESSED IN GRID)	30	3800	LED	SIGNIFY (DAY-BRITE)
20		EXIT SIGN (SINGLE FACE) CEILING MOUNT SEE PLANS	2.5		LED	SIGNIFY (CHLORIDE)

4 Luminaire Schedule
NTS

Demolition General Notes

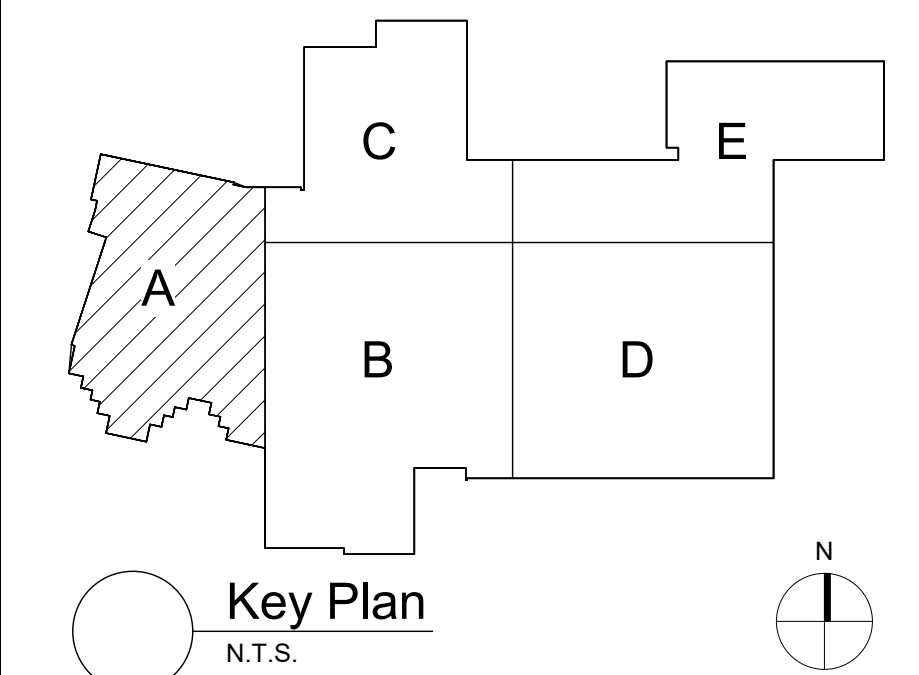
- ALL ELECTRICAL DEVICES INTERFERING WITH DEMOLITION WORK SHALL BE DISCONNECTED AND REMOVED, UNLESS OTHERWISE NOTED. EXISTING CIRCUIT WIRING SHALL BE REMOVED BACK TO SOURCE AND PANEL DIRECTORIES MODIFIED ACCORDINGLY.
- ANY DEVICE INTERFERING WITH DEMOLITION WORK NOT SHOWN ON THESE DRAWINGS SHALL NOT BE REMOVED WITHOUT WRITTEN AUTHORIZATION FROM THE OWNER'S REPRESENTATIVE OR THE ENGINEER.
- ALL ELECTRICAL DEMOLITION WORK SHALL BE PROPERLY COORDINATED WITH ALL OTHER TRADES.
- REFER TO SPECIFICATIONS SECTION 16010 FOR DEMOLITION REQUIREMENTS.
- EC IS SOLELY RESPONSIBLE FOR THE SAFE HANDLING AND DISPOSAL OF ALL REMOVED LIGHT FIXTURES AND BALLASTS THAT MAY CONTAIN PCBs (POLYCHLORINATED BIPHENYLS), IN ACCORDANCE WITH ALL APPLICABLE EPA, OSHA, FEDERAL, STATE, AND LOCAL CODES AND LAWS.
- EC IS SOLELY RESPONSIBLE FOR THE SAFE HANDLING AND DISPOSAL OF ALL REMOVED FLUORESCENT LIGHT TUBES THAT MAY CONTAIN MERCURY. IN ACCORDANCE WITH ALL APPLICABLE EPA, OSHA, FEDERAL, STATE, AND LOCAL CODES AND LAWS.
- AT ALL CORRIDORS WHERE NEW CEILINGS ARE BEING INSTALLED, DISCONNECT AND REMOVE DEVICES AS INDICATED, TAG EXISTING WIRING FOR REUSE.

Keyed Notes:

- REMOVE LUMINAIRES AND LIGHTING CONTROLS. TAG AND PRESERVE CIRCUITRY FOR REUSE.
- CONNECT LUMINAIRES TO EXISTING CIRCUITRY, EXTEND MODIFY AS NECESSARY.
- REMOVE SWITCHES, PRESERVE POWER AND CONTROLS OUTSIDE OF RENOVATION AREA AND TEST FOR MAINTAINED FUNCTION.
- DISCONNECT UNIT HEATERS, TAG FOR REUSE.
- CONNECT UNIT HEATER TO EXISTING CIRCUITRY. EXTEND, MODIFY AS NECESSARY.
- PROVIDE (2) #12 AWG, (1) #12 AWG G IN 1/2" TO PANEL 1. PROVIDE (1) 20A, 208V, 2 POLE BREAKER WITH AIC RATING TO MATCH EXISTING PANEL.
- ROLL UP FIRE SHUTTER. PROVIDE (1) #12 AWG, (1) #12 AWG G IN 1/2" TO PANEL 1. PROVIDE (1) 20A, 120V, 1 POLE BREAKER WITH AIC RATING TO MATCH EXISTING PANEL. PROVIDE FIRE ALARM INITIATION AND CONTROL CIRCUITS AS SHOWN IN DETAIL 2/AE501.
- PROVIDE (1) #12 AWG, (1) #12 AWG G IN 1/2" TO PANEL 1. PROVIDE (1) 20A, 120V, 1 POLE BREAKER WITH AIC RATING TO MATCH EXISTING PANEL.
- CONNECT FIRE ALARM DEVICES TO EXISTING FIRE ALARM SYSTEM. PROVIDE FACP REPROGRAMMING AS NECESSARY.
- REFER TO SITE ELECTRICAL DRAWINGS FOR PANEL AND BREAKER REQUIREMENTS.

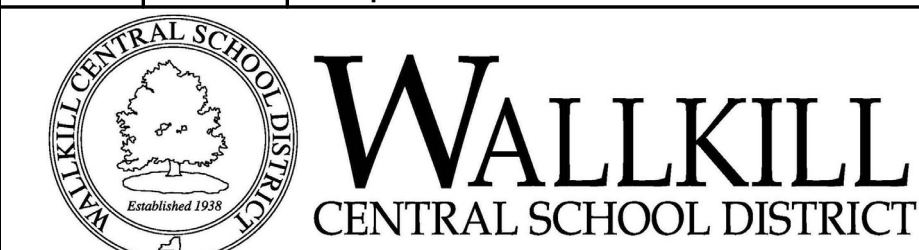
General Notes:

- REFER TO DRAWING AE051 FOR GENERAL NOTES.
- LIGHTING SEQUENCE FOR LOBBY AND VESTIBULES: LUMINAIRES TURN ON TO 100% BY KEYED SWITCH. WHEN NO ONE IS PRESENT LUMINAIRES DIM TO 50%. WHEN A PERSON ENTERS LUMINAIRE INTENSITY INCREASES TO 100% OUTPUT.
- LIGHTING SEQUENCES FOR OFFICES: LUMINAIRES AUTOMATICALLY TURN ON WHEN PERSON ENTERS OFFICE AND AUTOMATICALLY TURN OFF WITHIN 15 MINUTES IF NO PERSON IS PRESENT. MANUAL OVERRIDE BY LOW VOLTAGE CONTROL, AT DOOR.
- ACCESS CONTROL AND SECURITY SYSTEM PROVIDED BY OWNERS SECURITY VENDOR. PROVIDE 120V CONNECTION TO ELH POWER SUPPLY AND ACM LOCATION. COORDINATE FINAL LOCATIONS WITH OWNER, REFER TO 1/AE600.



S.E.D. Control No. 62-18-01-06-0-007-018

1 01/23/2023 SED Addendum No. 2
Rev. No.: Date: Description:



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Wallkill Central School District
Wallkill, New York

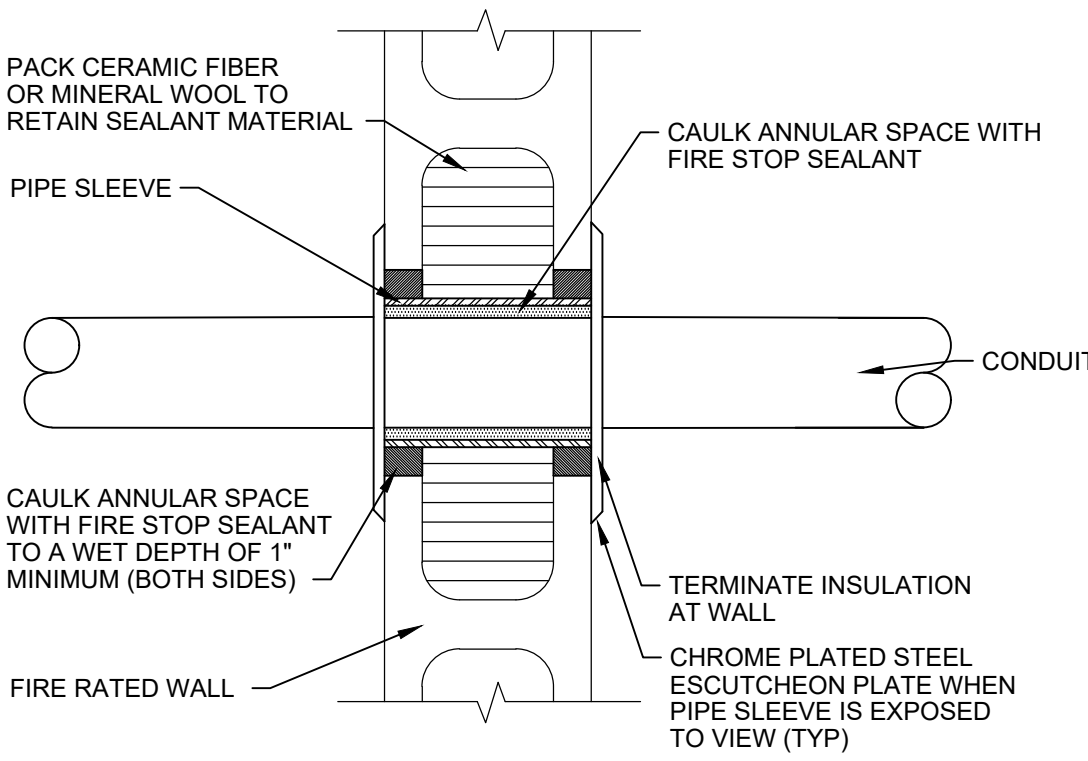
Reconstruction to:
Wallkill Senior High School

Enlarged First Floor Plans - Area A

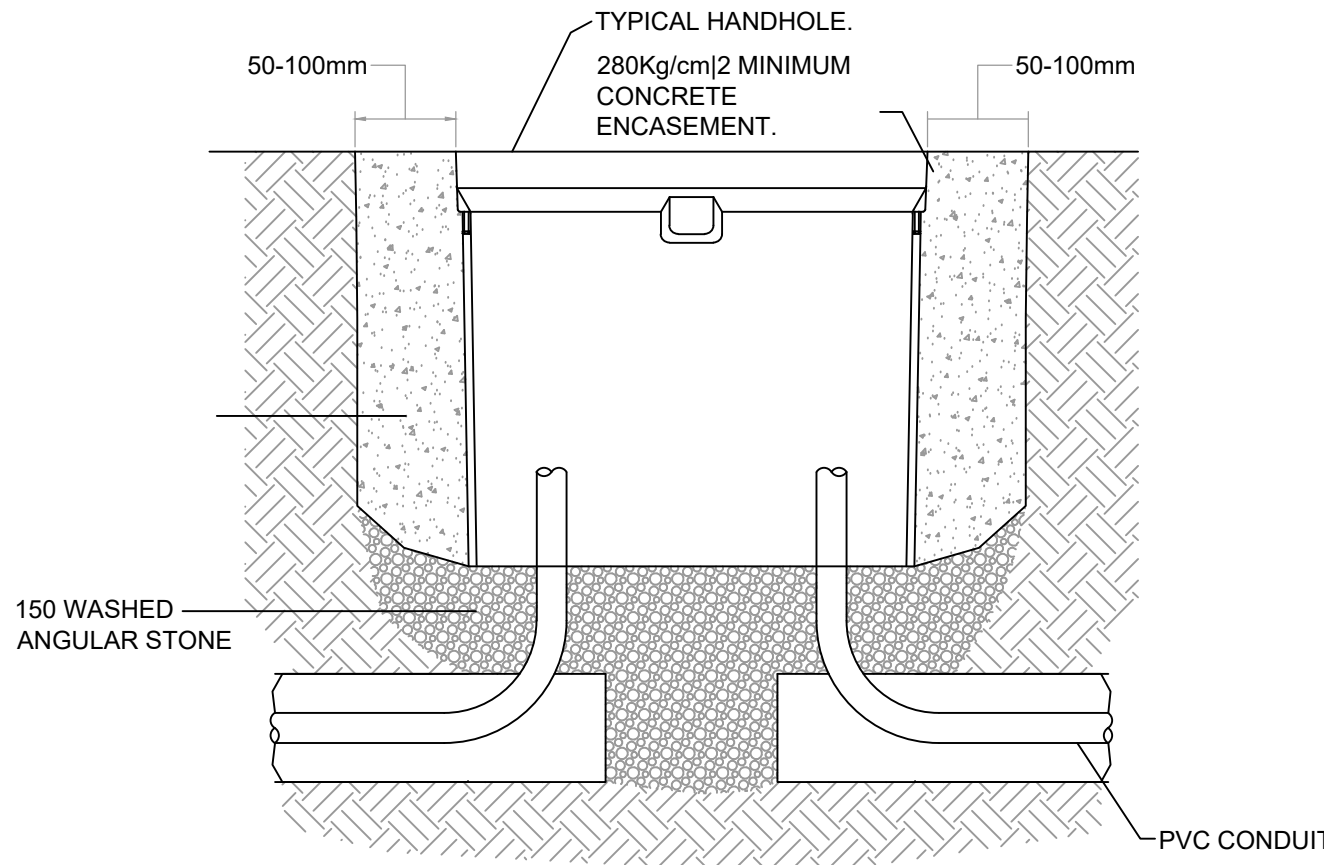
Drawn By: GLK/CR/ded Date: 11/4/2022 Drawing Number:
Project No.: 17597-22001
AE400

LUMINAIRE SCHEDULE						
ITEM	SYMBOL	ITEM	LAMPS		MANUFACTURERS (OR EQUAL)*	
			LUMENS	WATTAGE	NAME	MODEL
50		27' POLE MOUNTED, SINGLE	41362	350	SIGNIFY (GARDCO)	P34-128L-900-NW-G2-3
51		27' POLE MOUNTED, SINGLE	41362	350	SIGNIFY (GARDCO)	P34-128L-900-NW-G2-4
52		27' POLE MOUNTED, SINGLE	28932	231	SIGNIFY (GARDCO)	P34-96L-800-NW-G2-3
53		27' POLE MOUNTED, DUAL, BACK TO BACK WITH 3' ARM	42584 PER HEAD	350 PER HEAD	SIGNIFY (GARDCO)	P34-128L-900-NW-G2-4
<div>NOTES: 1. PROVIDE ALUMINUM ROUND TAPERED POLE. 2. ALL LUMINAIRES 208/120V. 3. CONTROLS: MOTION DETECTION, PHOTOCELL AND EXISTING BUILDING MANAGEMENT. 4. SETBACK IS 5'-0" FROM CURB UNLESS POLE IS SHOWN IN AN ISLAND, TYPE 54 AS SHOWN IN PLAN.</div> <div>* MANUFACTURER AND MODEL NUMBER ARE PROVIDED TO SHOW BASIS OF DESIGN ONLY.</div>						

3 Fire Rated CMU Wall Pipe Sleeve Detail
No Scale

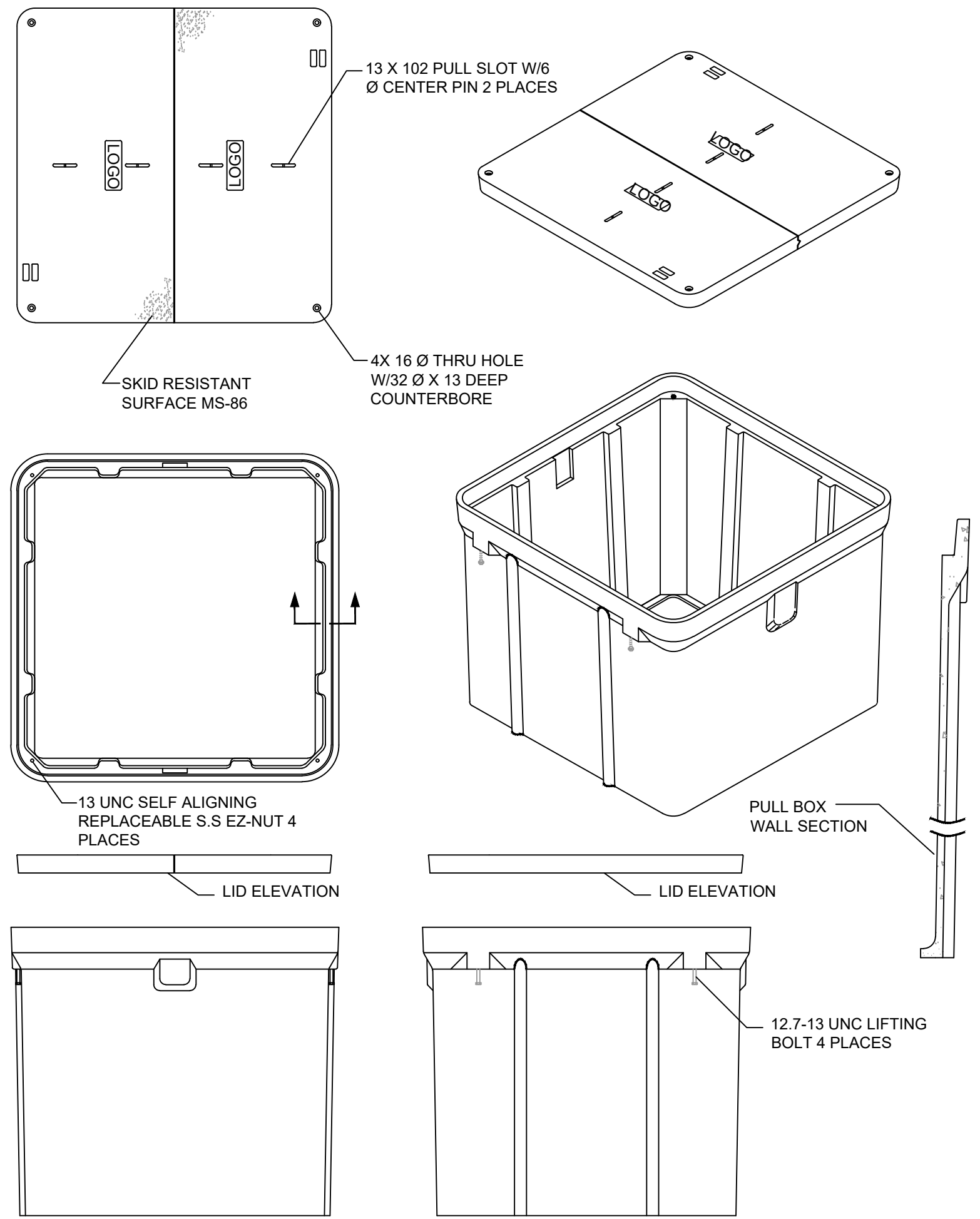


2 Electrical Pullbox Installation
SCALE = NTS

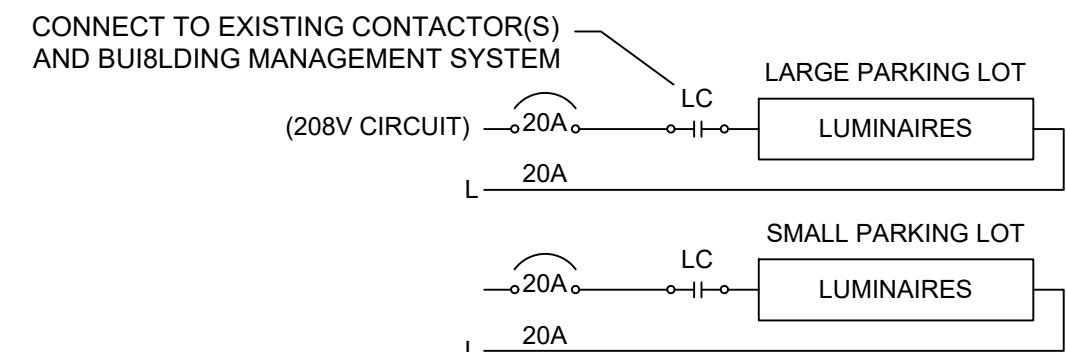


- PULLBOX NOTES:
1. PROVIDE COMPOSITE CONCRETE BOX WITH CLOSED BOTTOM.
 2. LOGO TO BE SPECIFIED: ELECTRIC, LIGHTING
 3. FURNISH W/ (4) 13 UNC X 102 LONG S.S. PENTA-HEAD (TAMPERPROOF) BOLTS OR EQUAL, (4) 13 S.S. FLAT WASHERS.
 4. COVER SHALL BE ANSI TIER 22 RATED.
 5. BOX SHALL BE INSTALLED ACCORDING TO MANUFACTURERS WRITTEN INSTRUCTIONS.
 6. PULLBOX SIZES SHALL BE 610 X 610 X 610.

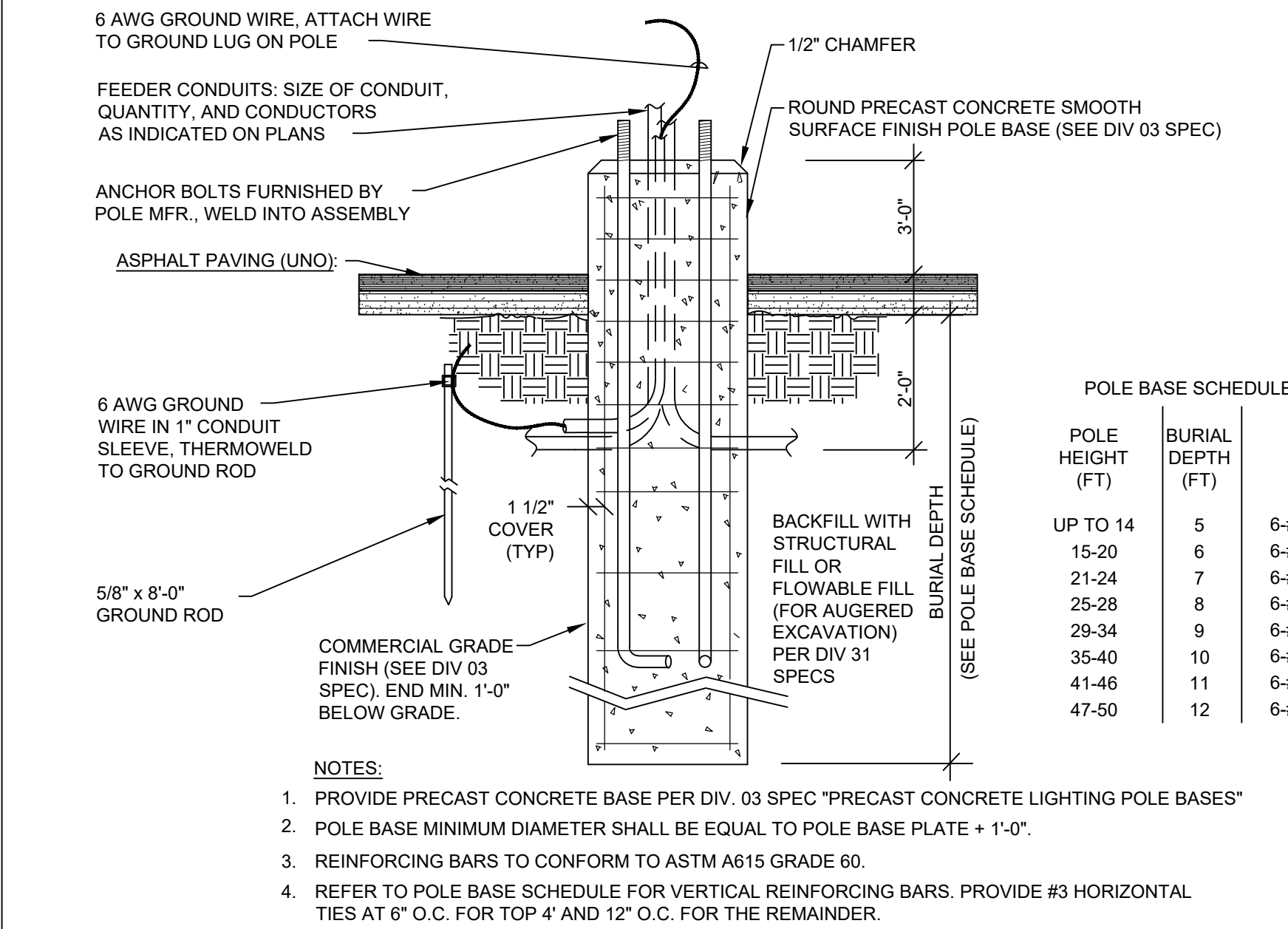
1 Electric Precast Polymer Concrete Pullbox
SCALE = NTS



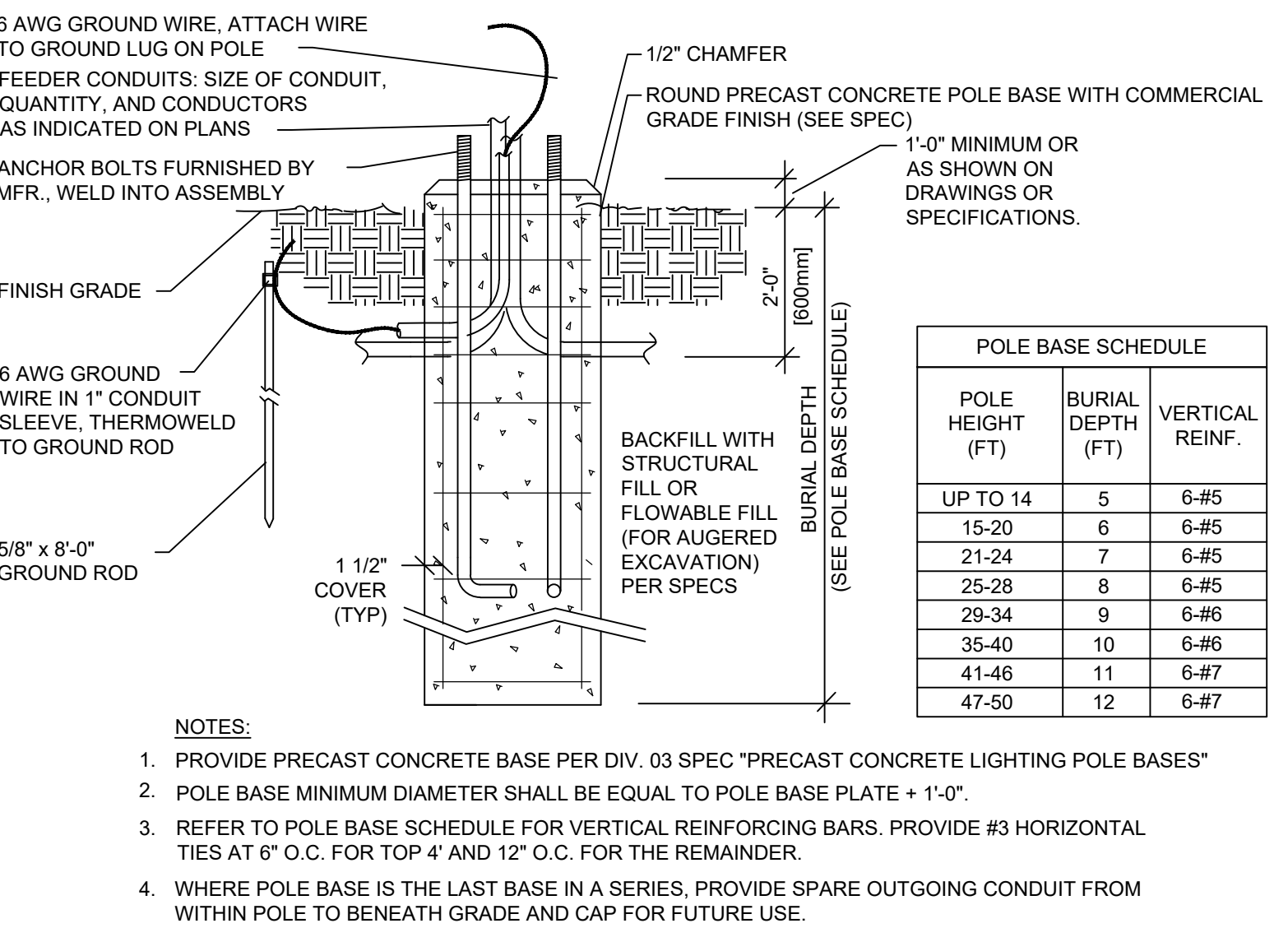
7 Exterior Lighting Control Diagram
SCALE = NTS



6 Typical Pole Base Detail - Paved Areas
N.T.S.

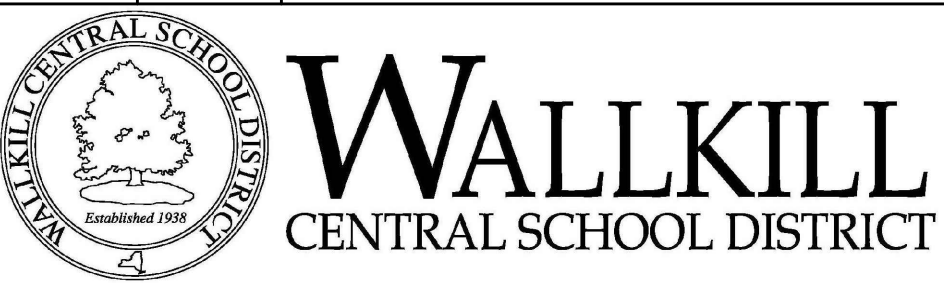


5 Typical Pole Base Detail - Non-Paved Areas
No Scale



S.E.D. Control No. 62-18-01-06-0-007-018

Rev. No.: Date: Description:



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Wallkill Central School District
Wallkill, New York

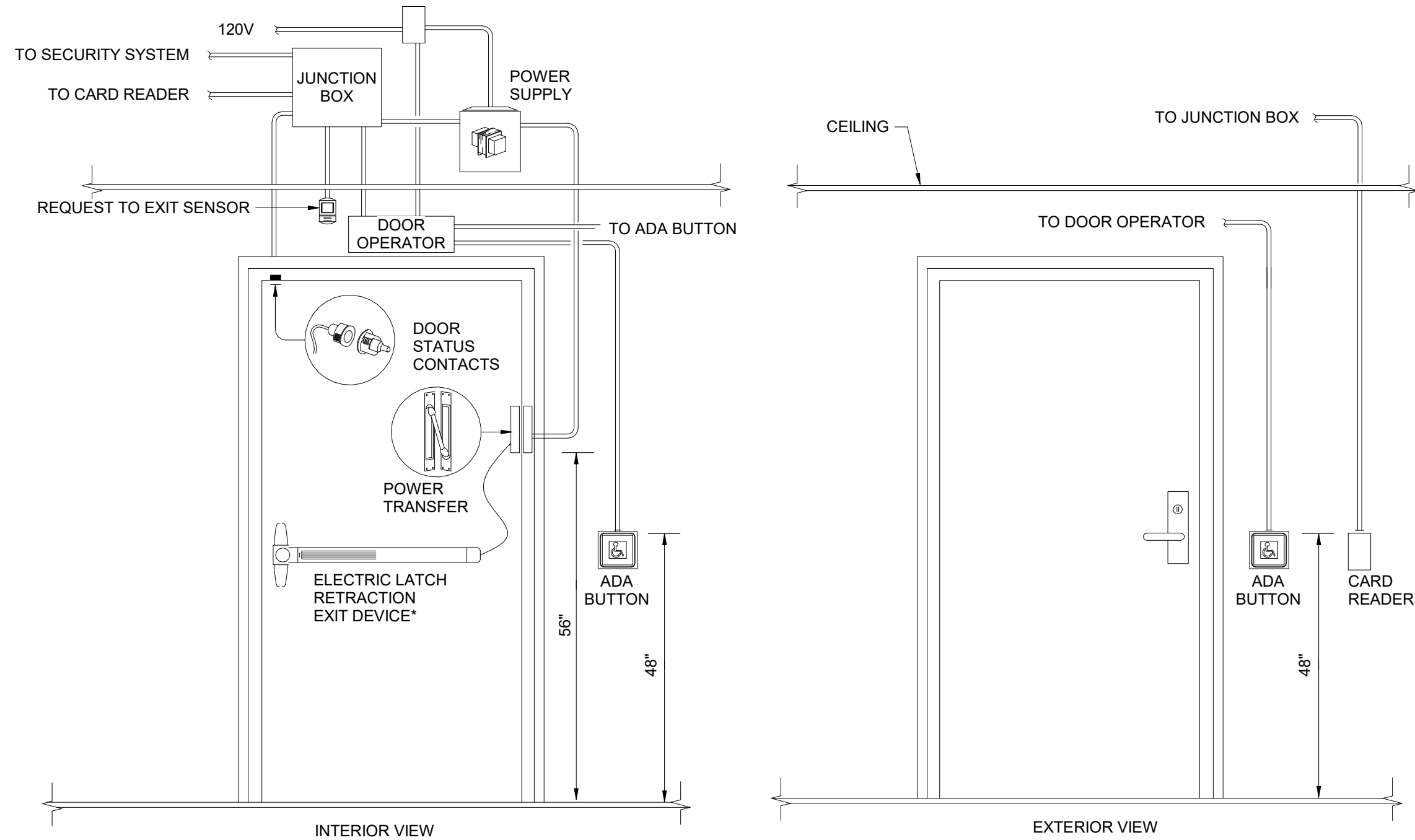
Reconstruction to:
Wallkill Senior High School

Site Electrical Details

Drawn by: GLK/CR/ded Date: 11/4/2022 Drawing No.:

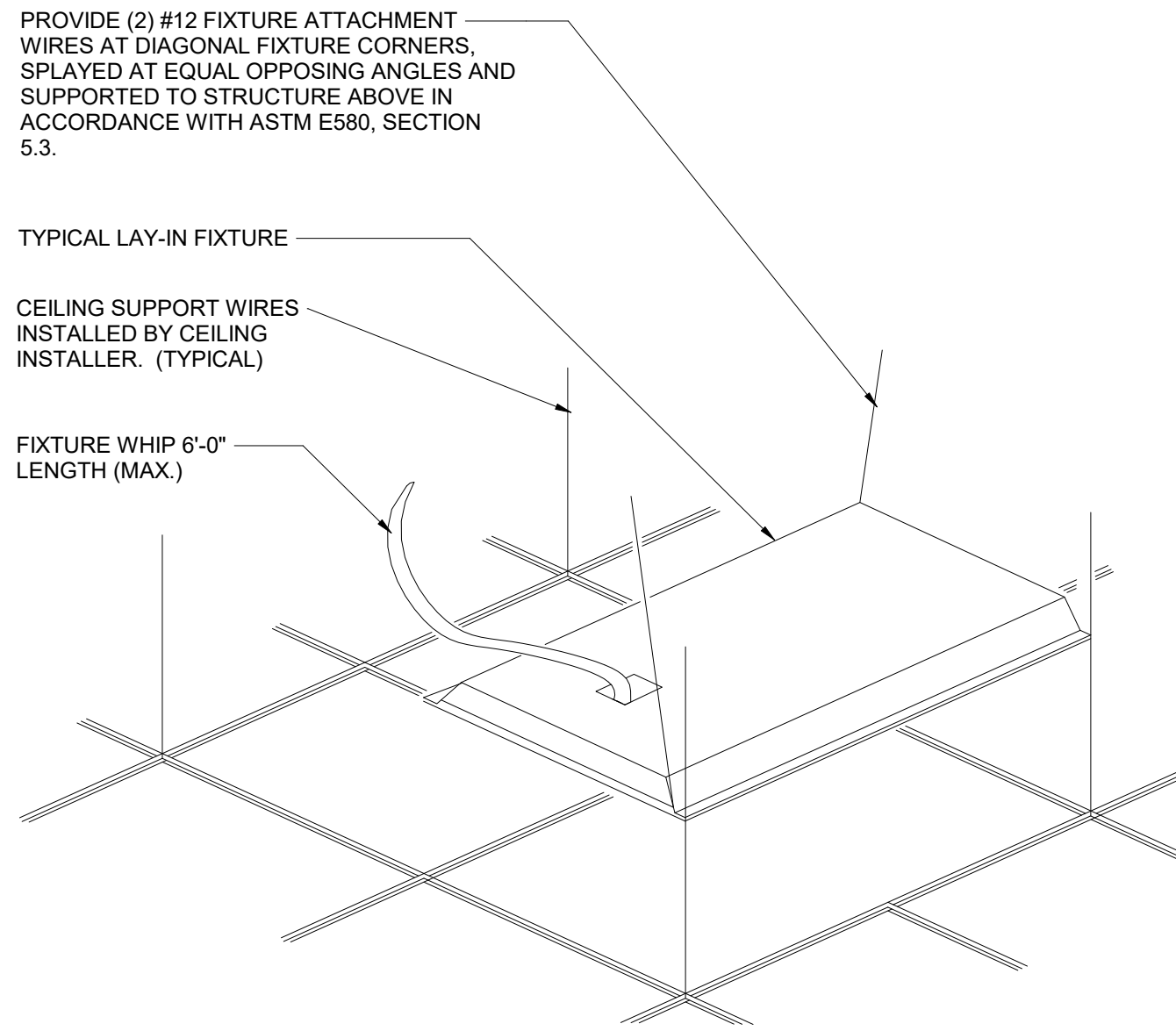
Project No.:
17597-22001

AE500

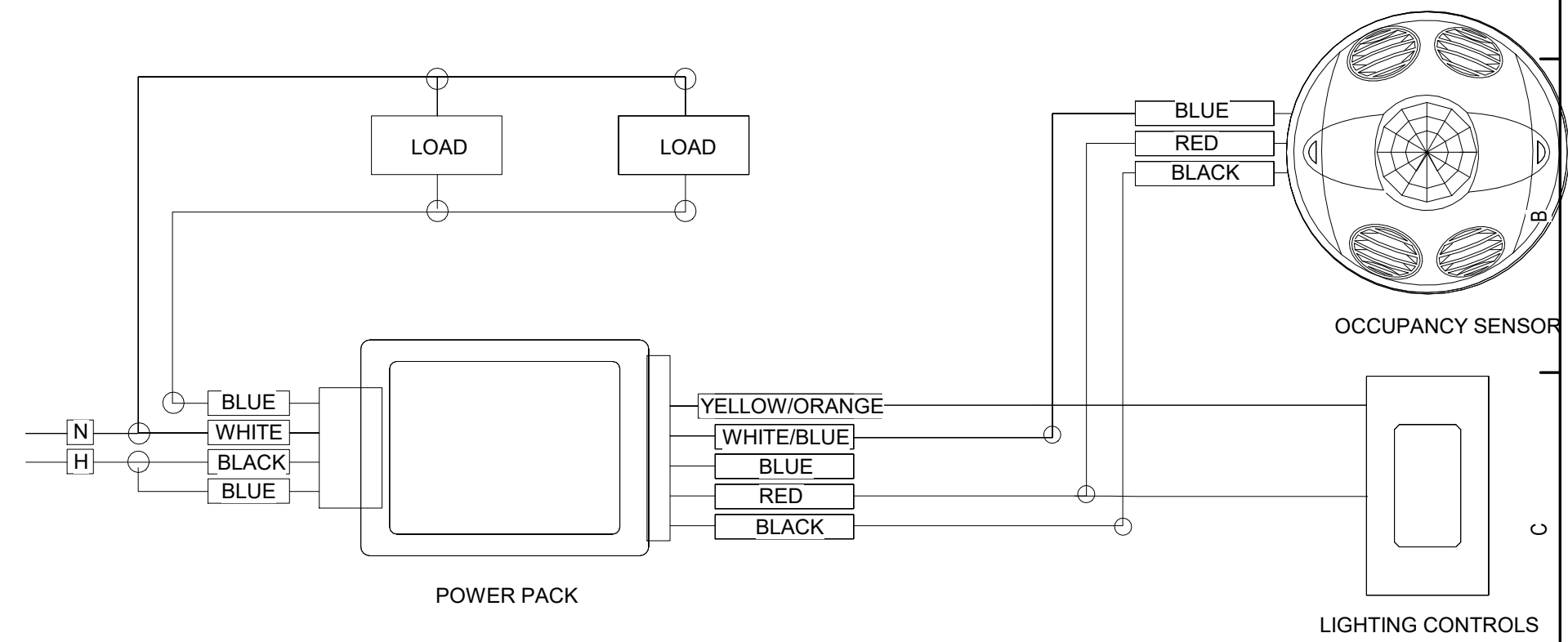


*NOTE:
PANIC HARDWARE SHALL ALWAYS REMAIN FULLY OPERATIONAL MANUALLY, NO MATTER WHAT THE STATUS OF ELECTRIC LATCH.
SEE SPECIFICATION SECTION ##### FOR FURTHER INFORMATION.

Single Door Configuration with ELR Hardware and ADA Operator
No Scale (VIEW MAY BE MIRRORED)

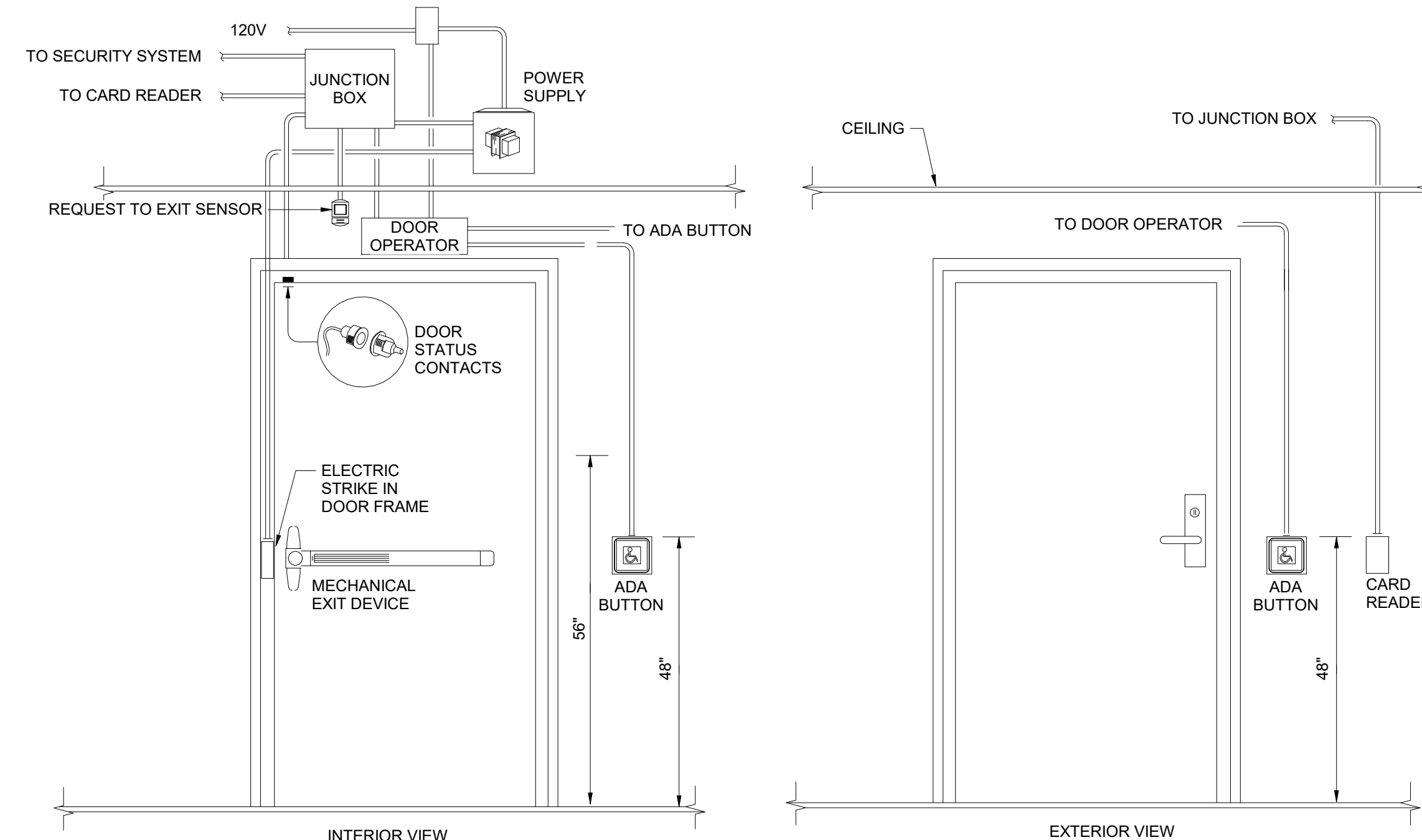


3 Typical Troffer Mounting Detail
12" = 1'-0"



- NOTES:
- PAINT ALL SURFACE RACEWAY AND BOXES TO MATCH EXISTING SURFACES. (WHERE APPLICABLE).
 - PROVIDE RELAYS WHERE TWO OR MORE CIRCUITS FEED LIGHTING IN SAME ROOM.
 - 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.
 - POWER PACK AND THE LOAD SWITCHED BY THE POWER PACK MUST BE FED FROM THE SAME PHASE.
 - REFER TO LIGHTING PLANS FOR LIGHTING SEQUENCES

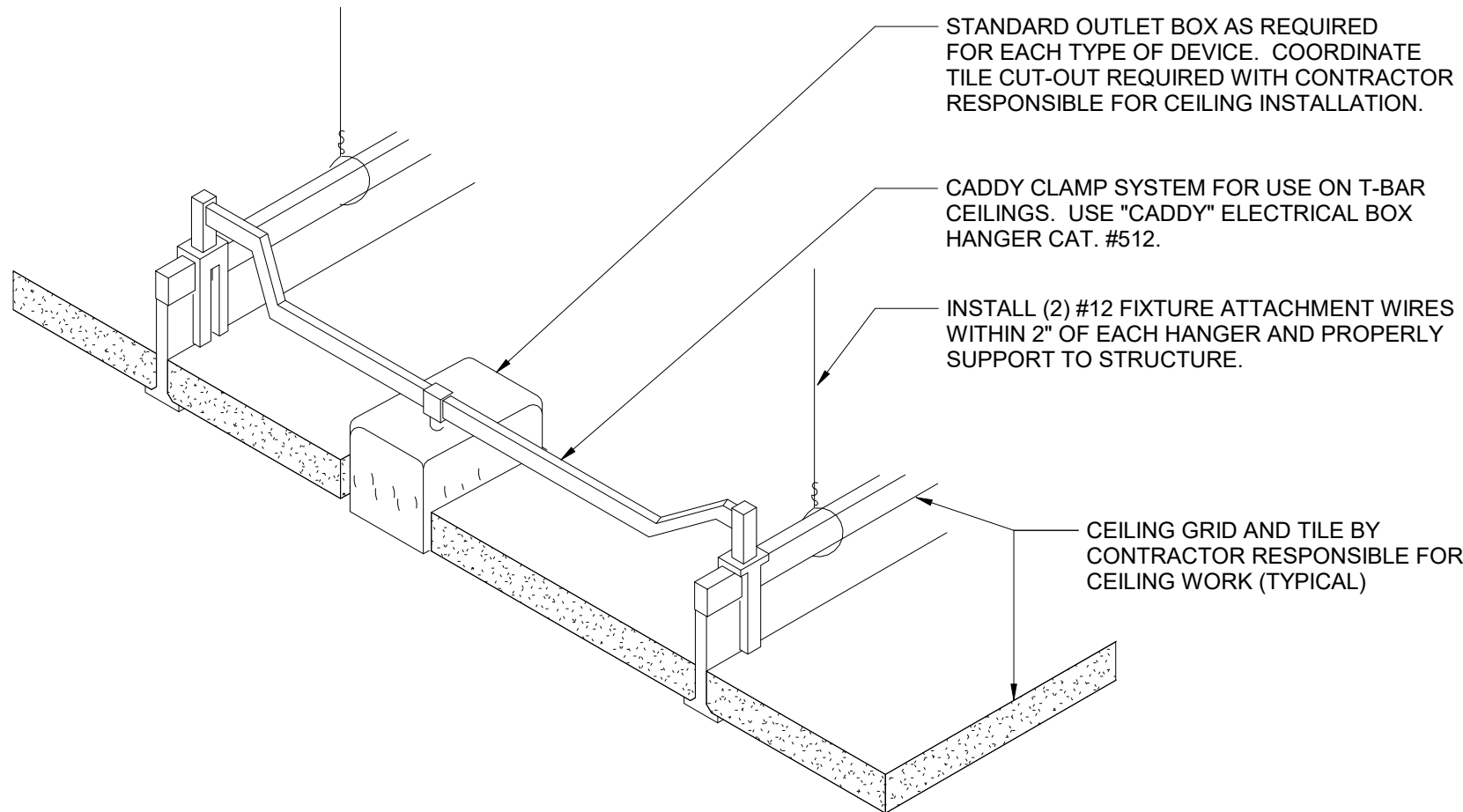
1 Occupancy Sensor Wiring Diagram
12" = 1'-0"



NOTE:
PANIC HARDWARE SHALL ALWAYS REMAIN FULLY OPERATIONAL MANUALLY, NO MATTER WHAT THE STATUS OF ELECTRIC LATCH.
SEE SPECIFICATION SECTION ##### FOR FURTHER INFORMATION.

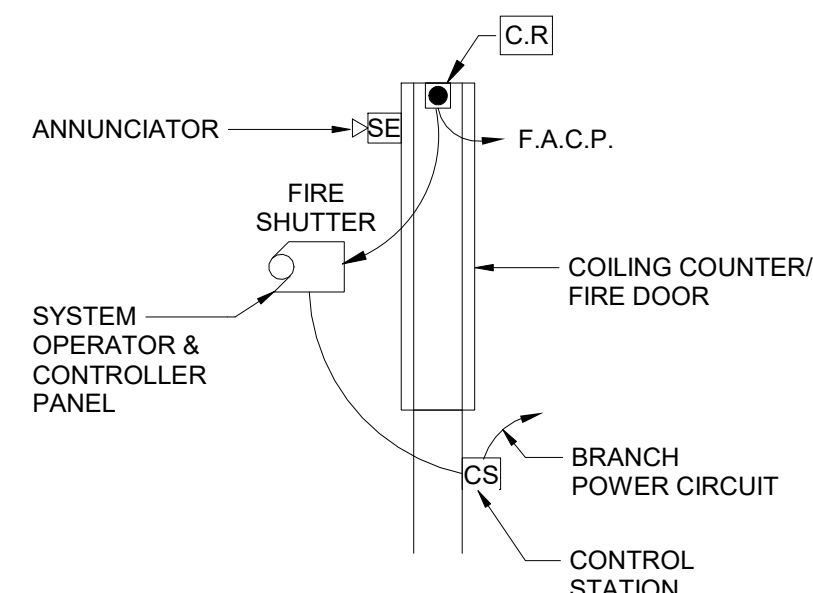
Single Door Configuration with Strike Hardware and ADA Operator
No Scale (VIEW MAY BE MIRRORED)

5 Door Configurations
12" = 1'-0"



- DETAIL NOTES:
- 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.
 - PROVIDE ADDITIONAL SUPPORT FOR EXIT SIGNS, WHERE REQUIRED.

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



- NOTES:
- INSTALL THE FOLLOWING EQUIPMENT, FURNISHED BY OTHERS:
 - CONTROL STATION(S)
 - ANNUNCIATOR(S)
 - PROVIDE A BRANCH CIRCUIT (INDICATED ON PLAN) TO SYSTEM OPERATOR VIA THE CONTROL STATION
 - PROVIDE A 24 VDC CONNECTION FROM THE F.A.C.P. TO THE RELEASE DEVICE(S).
 - PROPERLY PROGRAM F.A.C.P. TO SIGNAL RELEASE DEVICE TO OPERATE WHEN A FIRE DETECTION APPLIANCE IN THE ADJOINING SPACES SERVED BY ROLLING FIRE DOOR(S) ARE INITIATED.
 - REFER TO PANEL SCHEDULES FOR FURTHER INFORMATION.

2 Fire Shutter Detail
12" = 1'-0"

Draw key plan, delete this message

Key Plan
N.T.S.

S.E.D. Control No. 62-18-01-06-0-007-018

Rev. No.: Date: Description:

Add client logo, delete this message

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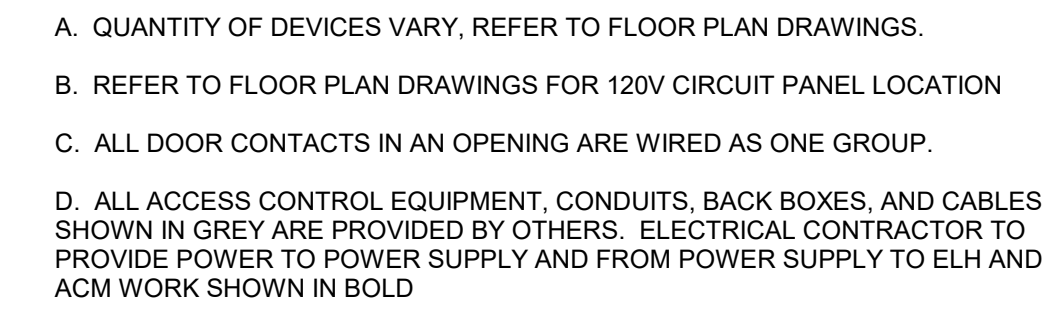
Walkkill Central School District
Walkkill, New York

Reconstruction to:
Walkkill Senior High School

Electrical Details

Drawn By: GLK/CR/ded
Date: 11/4/2022
Project No.: 17597-22001

Drawing Number:
AE501


$$12'' = 1'-0''$$

 CENTRAL SCHOOL



<p>complex world</p> <p>CLEAR SOLUTIONS</p>	<p>BID SET</p>
<p>Tetra Tech Engineers, Architects & Landscape Architects, P.C.</p>	

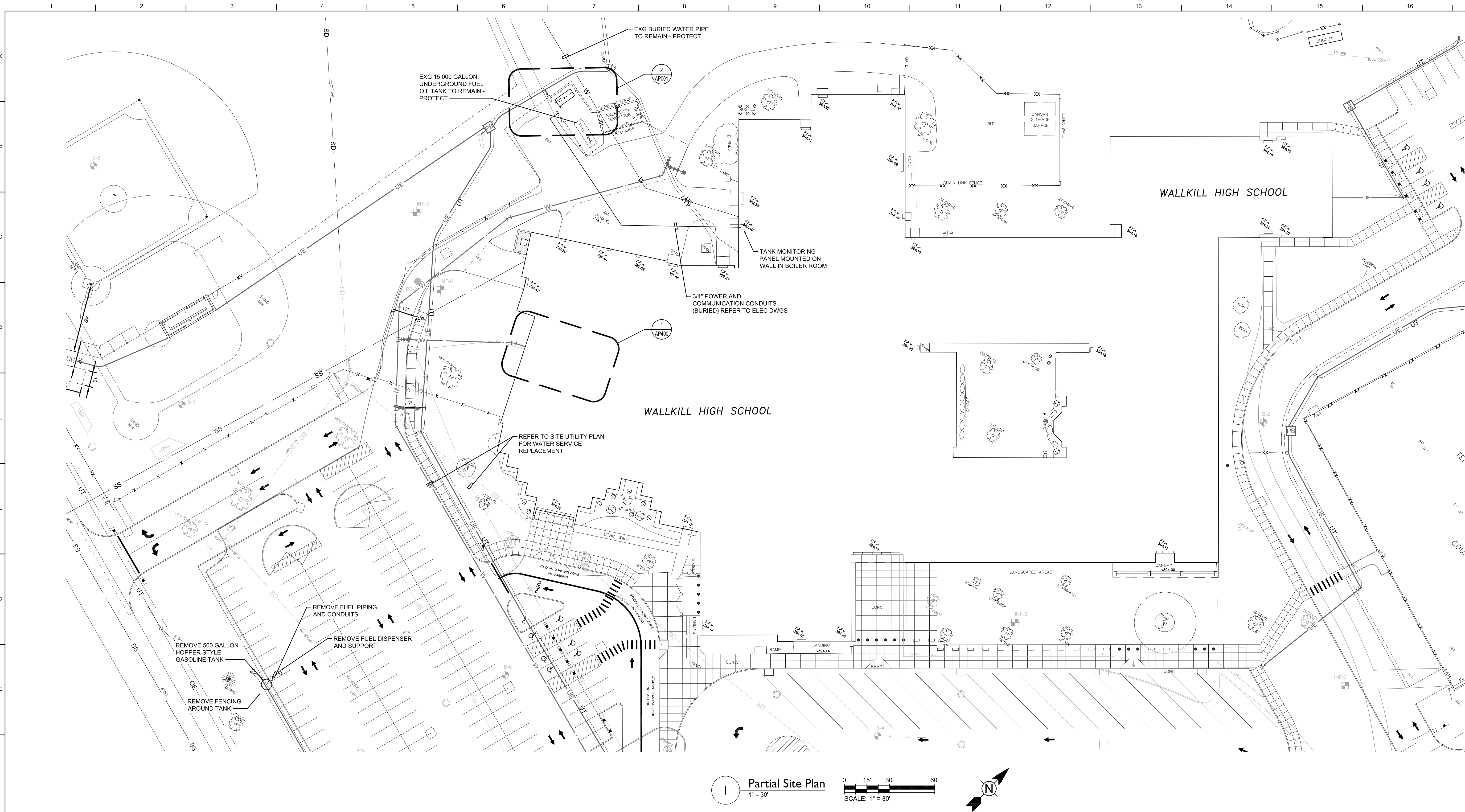


Wallkill Central School District Wallkill, New York
--

M	Reconstruction to: Wallkill Senior High School

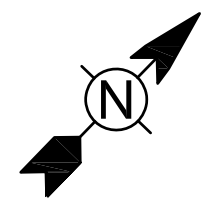
Diagrams	

N	Drawn By: GLK/ided	Date: 11/4/2022	Drawing Number:
	Project No.: 17597-22001		AE600



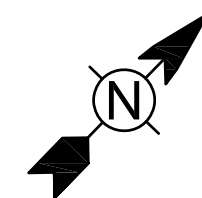
1 Partial Site Plan
1" = 30'

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



2 Enlarged Site Plan
1" = 5'

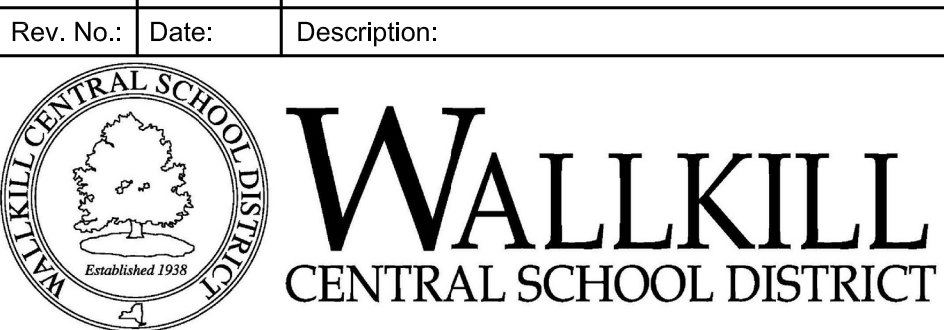
0 2.5' 5' 10'
SCALE: 1" = 5'



General Notes

1. VERIFY ALL PIPING LOCATIONS, SIZES, AND ARRANGEMENTS IN FIELD PRIOR TO BID. NOTIFY ARCHITECT IN WRITING OF ANY DISCREPANCIES.
2. LEGALLY DISPOSE OF ALL DEMOLITION DEBRIS.
3. 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.
4. MATERIALS FOR PLUMBING INSTALLATION SHALL BE NEW, UNLESS SPECIFICALLY NOTED OTHERWISE.
5. REMOVE PLUMBING EQUIPMENT INDICATED, INCLUDING ASSOCIATED FIRING, FASTENERS, SUPPORTS, ETC., BACK TO POINTS OF CONCEALMENT.

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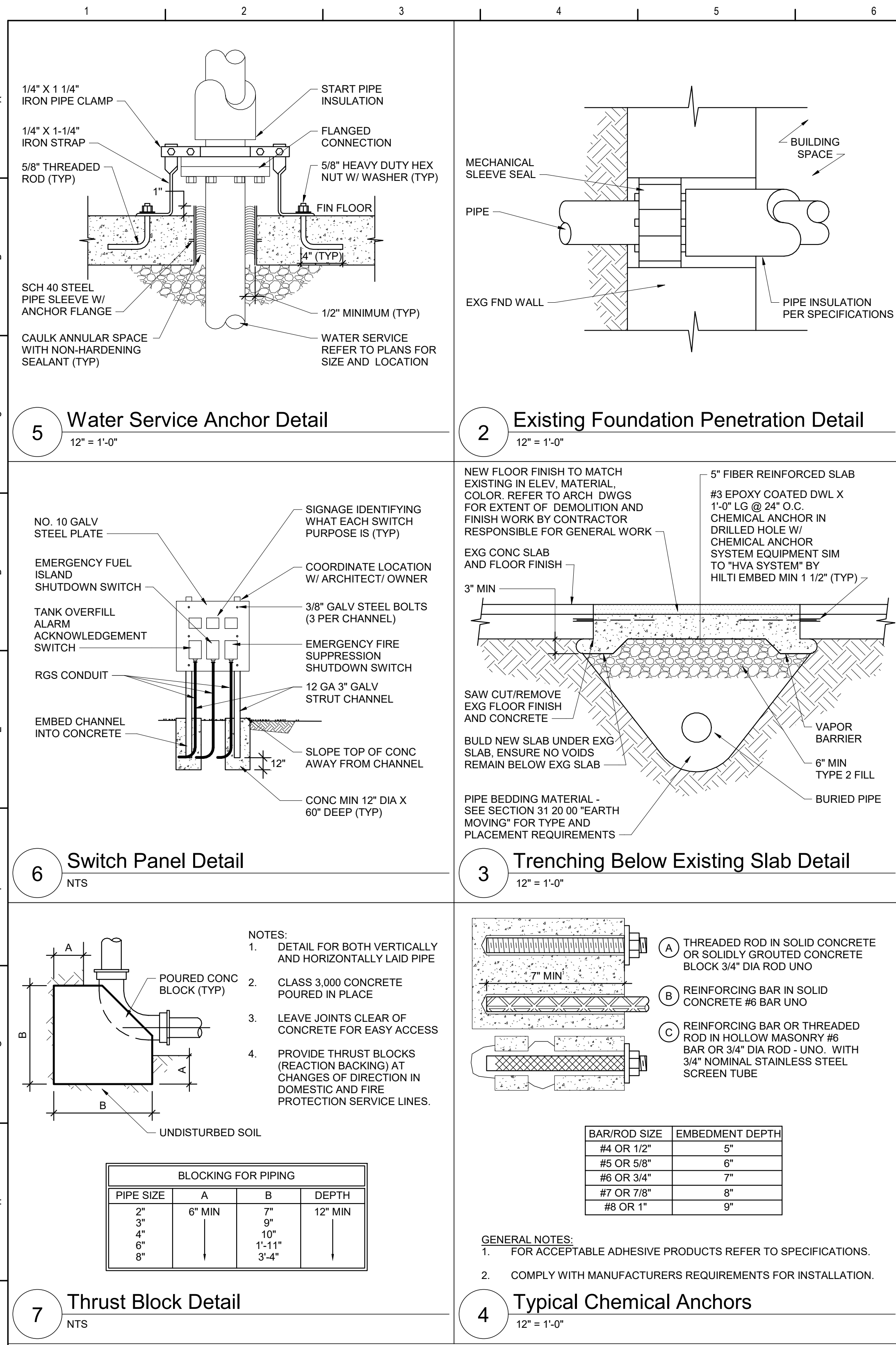


Wallkill Central School District
Wallkill, New York

Reconstruction to:
Wallkill Senior High School

Partial Plumbing Site Plan

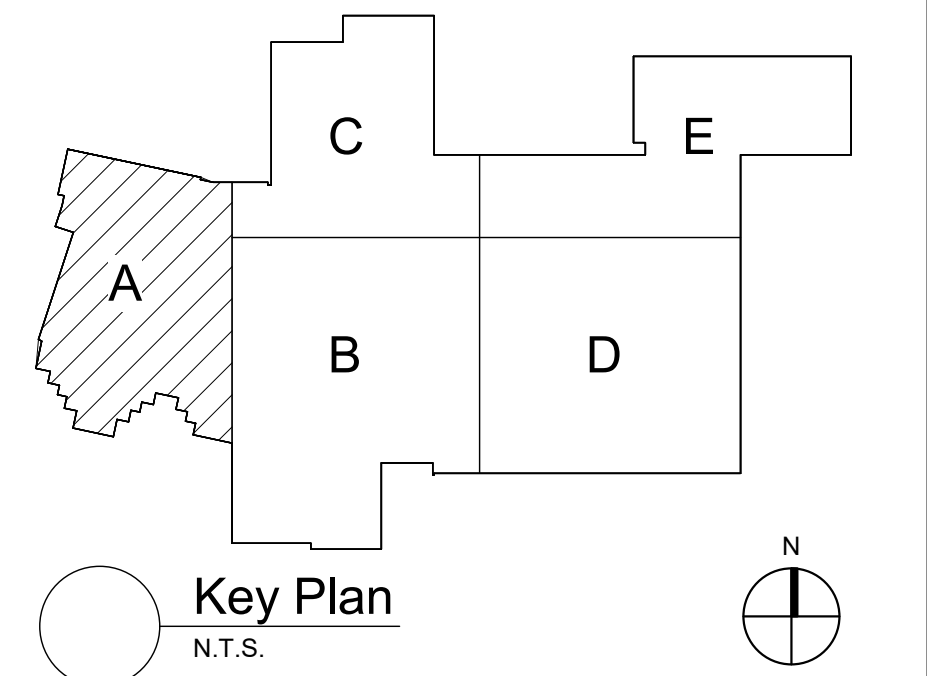
Drawn by: BCL Date: 11/4/2022 Drawing No.: AP001
Project No.: 17597-22001



Plan Notes

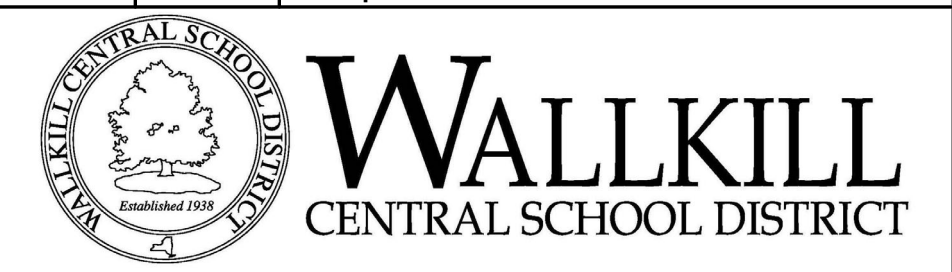
A. REFER TO DRAWING NO. AP001 FOR GENERAL NOTES.

B. 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.



S.E.D. Control No. 62-18-01-06-0-007-018

Rev. No.	Date	Description



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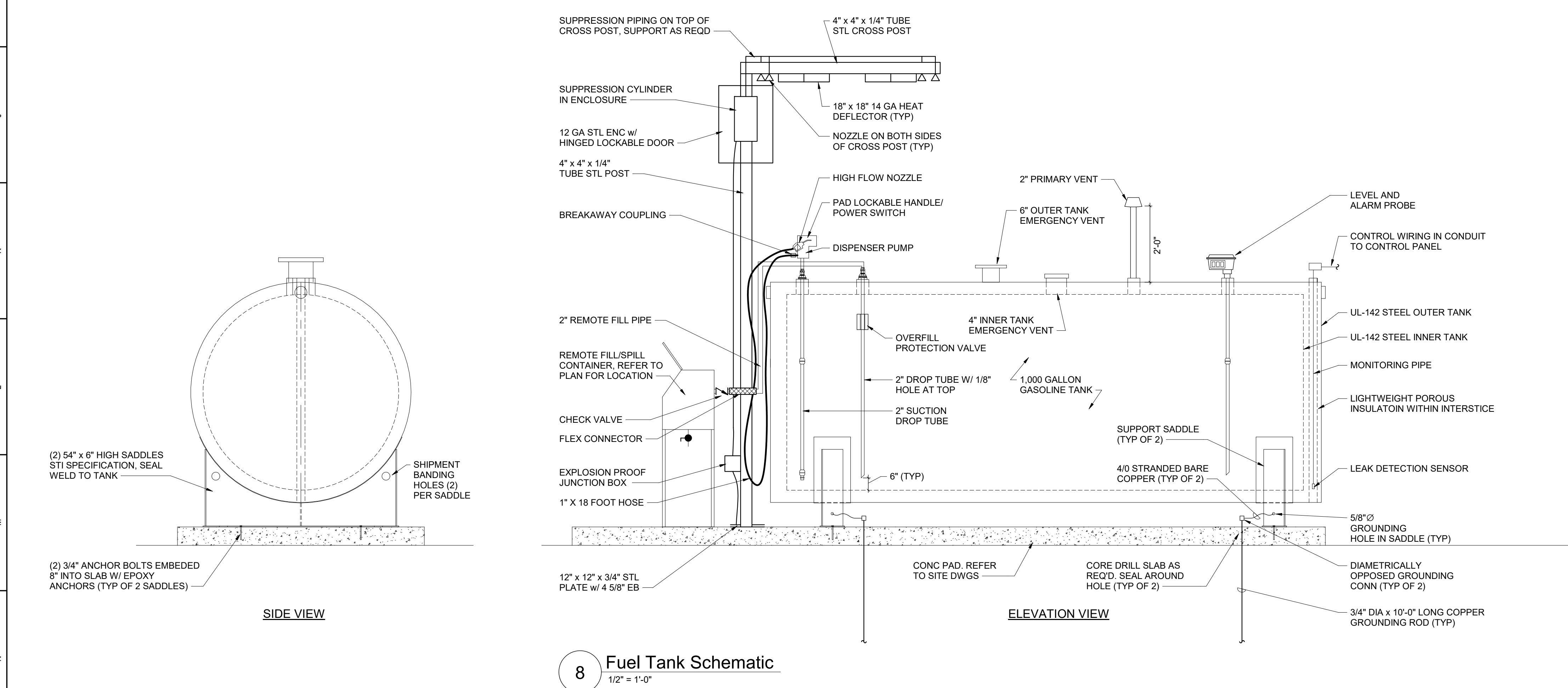


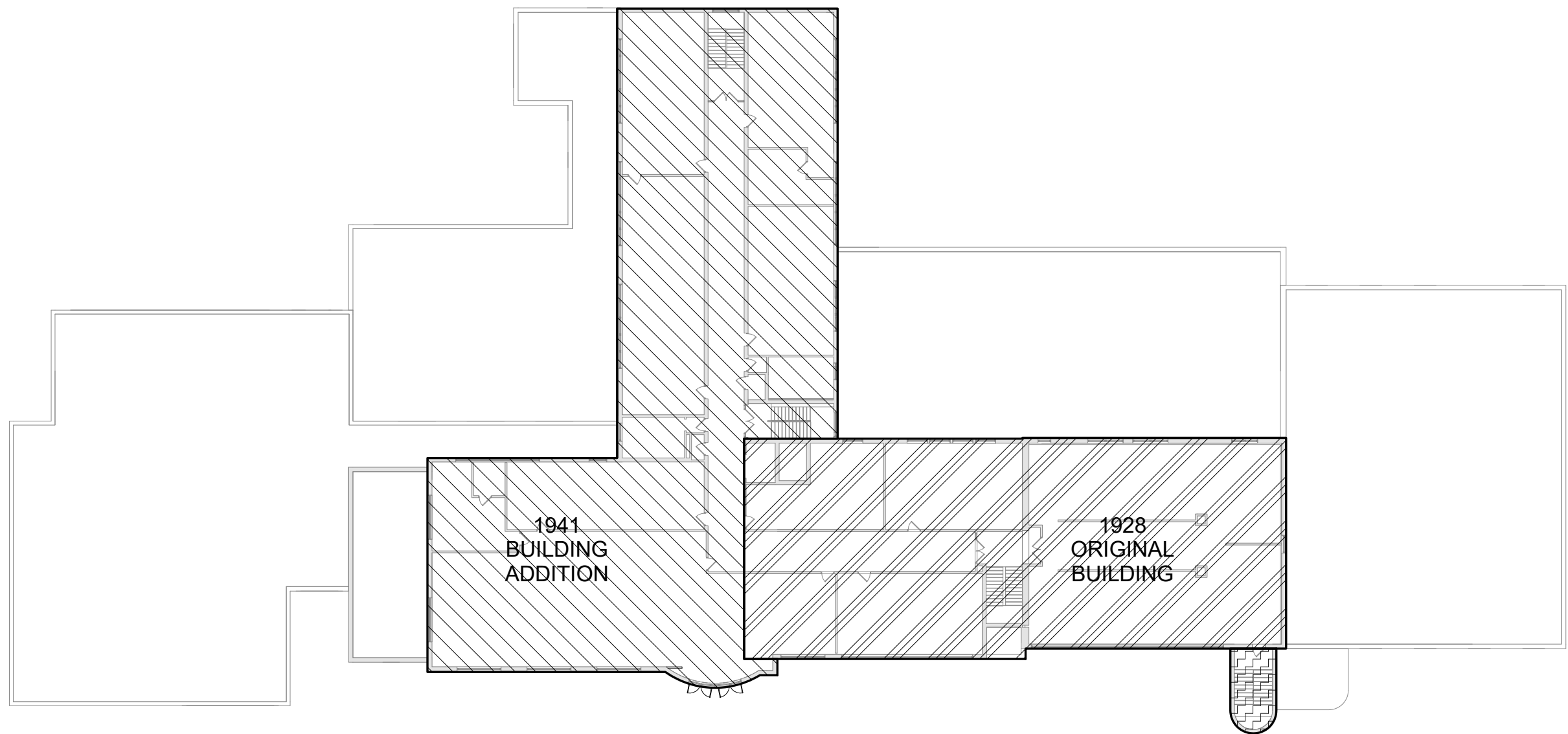
Walkkill Central School District
Walkkill, New York

Reconstruction to:
Walkkill Senior High School

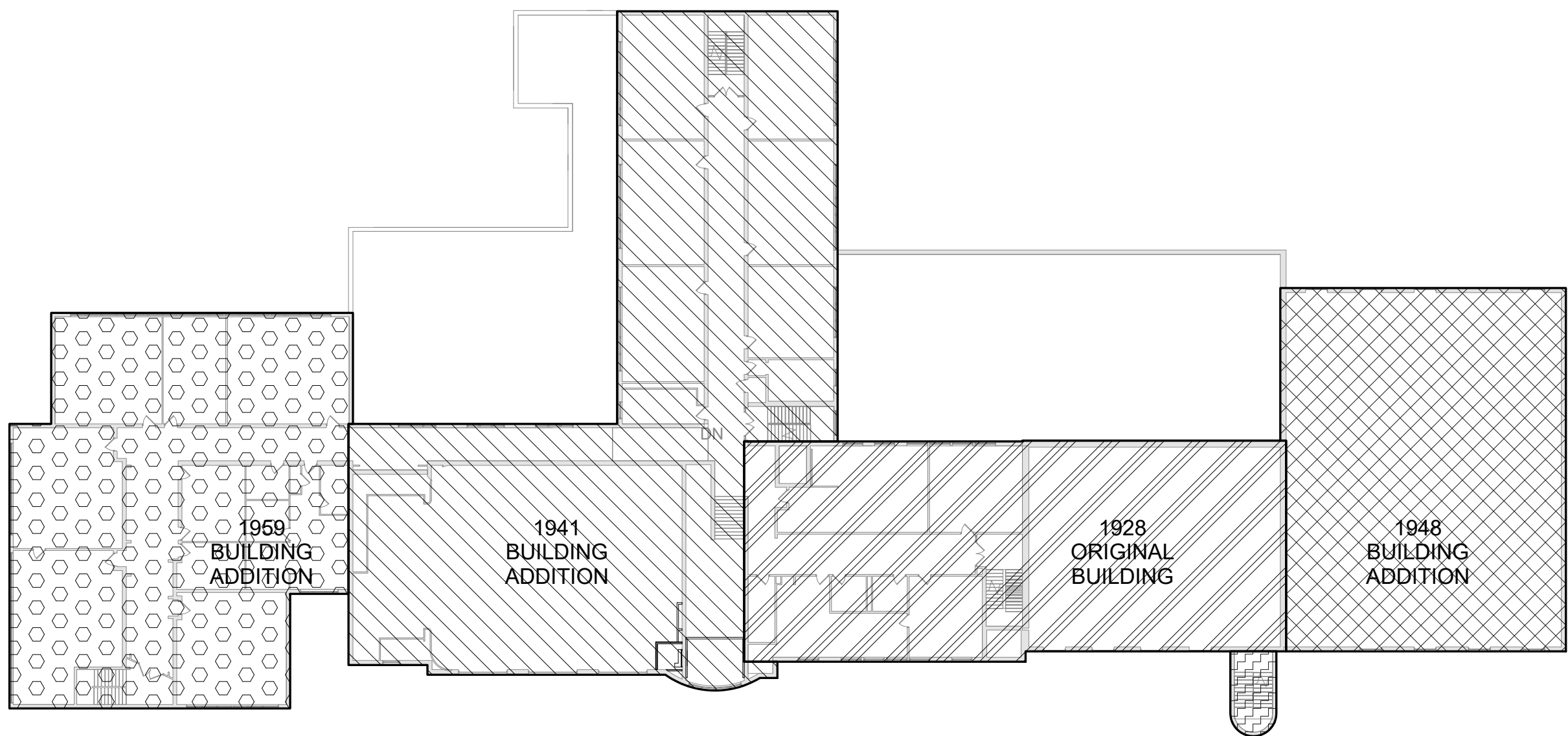
Enlarged Plans and Details

Drawn By: BCL	Date: 11/4/2022	Drawing Number:
Project No.: 17597-22001		AP400

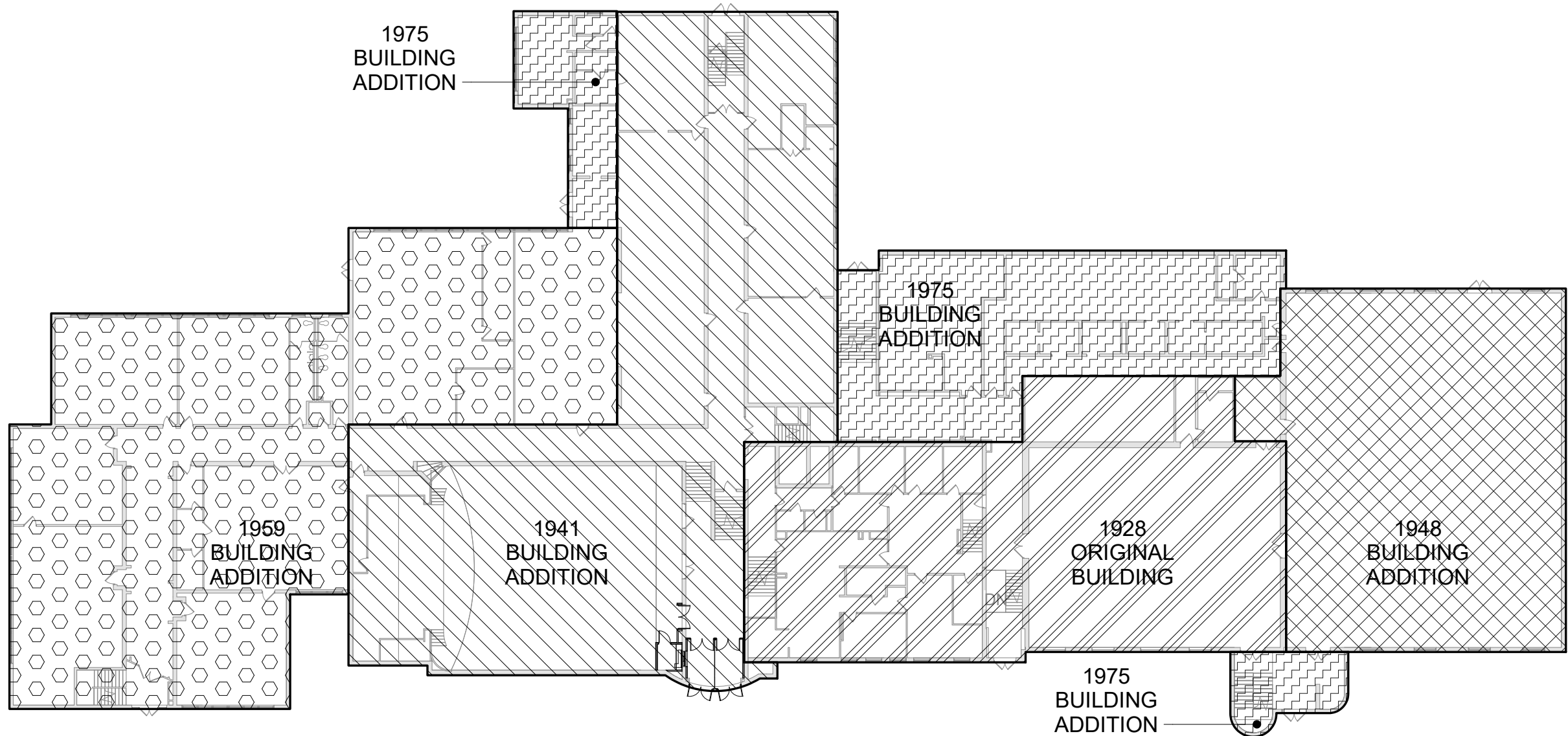




4 3rd Floor Key Plan - Vintage
1/32" = 1'-0"



3 2nd Floor Key Plan - Vintage
1/32" = 1'-0"



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



1 0st Basement Key Plan - Vintage
1/32" = 1'-0"

Code Compliance Review

PROJECT LOCATION:
109 BONA VENTURA AVE, WALLKILL, NY 12589
BOUNDED BY BONA VENTURA AVENUE TO THE SOUTH, LAVOLETTA STREET TO THE NORTH, AND 3RD STREET TO THE WEST.

PROJECT DESCRIPTION:
THIS PROJECT INCLUDES RENOVATION OF APPROXIMATELY 237 SF OF SPACE ON THE FIRST FLOOR TO ACCOMMODATE THE RENOVATION OF THE MAIN ENTRANCE. THE PROJECT ALSO INCLUDES THE REPLACEMENT OF EXISTING AUDITORIUM SEATING, REPLACEMENT OF DOOR HARDWARE WITH NEW LOCKDOWN HARDWARE, AND THE ADDITION OF NEW FLOOR FINISHES.

WORK GENERALLY CONSISTS OF THE FOLLOWING:
ALTERATIONS - LEVEL 1
• LOCKDOWN DOOR HARDWARE UPGRADES
• AUDITORIUM SEATING REPLACEMENT
• ADDITION OF NEW FLOOR FINISHES

ALTERATIONS - LEVEL 2
• RECONFIGURATION OF MAIN ENTRANCE FOR SECURITY INCLUDING A NEW SECURITY OFFICE.

APPLICABLE CODES AND STANDARDS:
BASED ON THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE INCLUDING APPLICABLE 2018 ICC CODES, 2020 BUILDING CODE OF NYS INCLUDING THE 2020 BCNYS, 2020 EBCNYS AND 2020 ECCNYS, ICC A117.1-09 STANDARD FOR ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES AND COMMISSIONER OF EDUCATIONS 155 REGULATIONS (SED MPS-98).

BUILDING DATA:
BUILDING: JOHN G BORDEN MIDDLE SCHOOL
109 BONA VENTURA AVE
WALLKILL, NY 12589

DESCRIPTION: THREE STORY MASONRY AND REINFORCED CONCRETE BUILDING WITH BASEMENT.

YEAR BUILT: 1928

BUILDING AREA: BASEMENT 2,437 SQFT
1ST FLOOR 46,147 SQFT
2ND FLOOR 19,801 SQFT
3RD FLOOR 19,090 SQFT

TOTAL GROSS AREA= 87,475 SQFT

CODE DATA SUMMARY:
USE GROUP: E : EDUCATION
CONSTRUCTION TYPE -
EXISTING: IIB
NEW: IIB
SPRINKLERED: NO

WORK AREA:	LOCATION	AREA	% OF TOTAL
	BASEMENT	0 SQFT	0%
	1ST FLOOR	237 SQFT	0.27%
	2ND FLOOR	0 SQFT	0%
	3RD FLOOR	0 SQFT	0%

CORRIDOR DOORS: ALL CORRIDOR DOORS SCHEDULED TO BE REPLACED SHALL HAVE MINIMUM FIRE DOOR ASSEMBLY RATING OF 20 MINUTES IN ACCORDANCE WITH SECTION 716.5

PATH OF CODE COMPLIANCE:
2018 IEBC CODES AND 2020 EXISTING BUILDING CODE OF NYS
301.1.2 WORK AREA COMPLIANCE METHOD

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

NEW CONSTRUCTION WILL COMPLY WITH REQUIREMENTS OF 2018 ICC CODES, 2020 BUILDING CODE OF NYS INCLUDING THE 2020 BCNYS, 2020 EBCNYS AND 2020 ECCNYS, ICC A117.1-09 STANDARD FOR ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES AND COMMISSIONER OF EDUCATIONS 155 REGULATIONS (SED MPS-98).

EXIT TRAVEL DISTANCE (PER TABLE 1017.2):
FOR EXIT TRAVEL DISTANCE - SEE BG351.

CORRIDOR ENCLOSURES (PER TABLE 1020.1):
FOR CORRIDOR FIRE RESISTANCE - SEE ENLARGED PLANS, PARTITION TYPES AND DOOR SCHEDULE.
ALL CROSS CORRIDOR PARTITIONS ARE SMOKE PARTITIONS AND EXTEND FROM FINISH FLOOR TO DECK ABOVE.

UL DESIGN NUMBERS:

1 HR. STUD PARTITIONS ULR U465

NOTES:
1. RATING PROVIDED BY 4" SOLID CONCRETE MASONRY UNITS - DETERMINATION OF EQUIVALENT THICKNESS OF CMU REQUIRED IS BASED ON SECTION 721 PRESCRIPTIVE FIRE RESISTANCE, TABLE 721.1 (2) RATED FIRE RESISTANCE PERIODS FOR VARIOUS WALLS AND PARTITIONS, ITEM NUMBER 3-1.2

2. ALL CMU CONSTRUCTION SHALL MEET FIRE RESISTANCE REQUIREMENTS INDICATED IN CHART OF SAME NAME ABOVE. BLOCK TYPE AS REQUIRED TO COMPLY WITH UL DESIGN NUMBERS AND AS REQUIRED TO COMPLY WITH RATED WALLS INDICATED ON CODE COMPLIANCE DRAWINGS. PROVIDE MINIMUM 4" SOLID CMU AT SUCH LOCATIONS REGARDLESS IF NOTED AS SUCH ON PLAN DETAILS.

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:

- REFER TO PLANS FOR RESCUE WINDOW LOCATIONS.
 - ASSISTED LISTENING LISTENING DEVICES ARE PORTABLE. SEE SPEC. SECTION 27 51 16, 27 51 19, 27 51 23 and 27 51 23.50 PROVIDE SIGN AT AUDITORIUM.
 - REFER TO SPECIFICATION SECTION 10 14 00 AND SIGNAGE DRAWINGS FOR TYPES AND LOCATIONS.
- PROVIDE MAX OCCUPANCY SIGNS FOR THE FOLLOWING:
- | ROOM NAME | OCCUPANCY |
|------------|-----------|
| AUDITORIUM | 455 |

STRUCTURAL LOADS:	
A. ROOF LIVE LOADS PER BCNYS 1607.13	20 PSF
MINIMUM ROOF LIVE LOAD	
B. RAIN LOADS PER BCNYS 1611	2.75 IN/HR
RAIN INTENSITY, I	
RAIN SURCHARGE LOAD HAS BEEN APPLIED TO AREAS WHERE PONDING OCCURS IN ACCORDANCE WITH BCNYS 1611.1.	
C. SNOW LOADS PER BCNYS 1608	40 PSF
GROUND SNOW, P _g (FIGURE 1608.2)	30.8 PSF
FLAT ROOF SNOW LOAD, P _f (ASCE 7)	1.0
SNOW EXPOSURE FACTOR, C _e	1.2
THERMAL FACTOR, C _t	1.0
SLOPE FACTOR, C _s	1.1
SNOW LOAD IMPORTANCE FACTOR, I _s	
D. WIND LOAD DESIGN CRITERIA PER BCNYS 1609	
BASIC DESIGN WIND SPEED (3 SECOND GUST), V	120 MPH
ALLOWABLE STRESS DESIGN WIND SPEED, V _{allow}	111
RISK CATEGORY	C
EXPOSURE CATEGORY	+- 0.18
INTERNAL PRESSURE COEFFICIENT, GCP	
E. SEISMIC DESIGN CRITERIA PER BCNYS 1613	
RISK CATEGORY	111
SEISMIC IMPORTANCE FACTOR, I _s	1.25
MAPPED SPECTRAL RESPONSE ACCELERATION	
AT SHORT PERIODS, S ₁	20.1 %g
AT 1 SECOND PERIODS, S ₁	5.4 %g
SITE CLASS	D ("ASSUMED")
DESIGN SPECTRAL RESPONSE ACCELERATION	
AT SHORT PERIODS, S _{0.2}	21.4 %g
AT 1 SECOND PERIODS, S _{0.1}	8.7 %g
SEISMIC DESIGN CATEGORY	B

General Code Notes

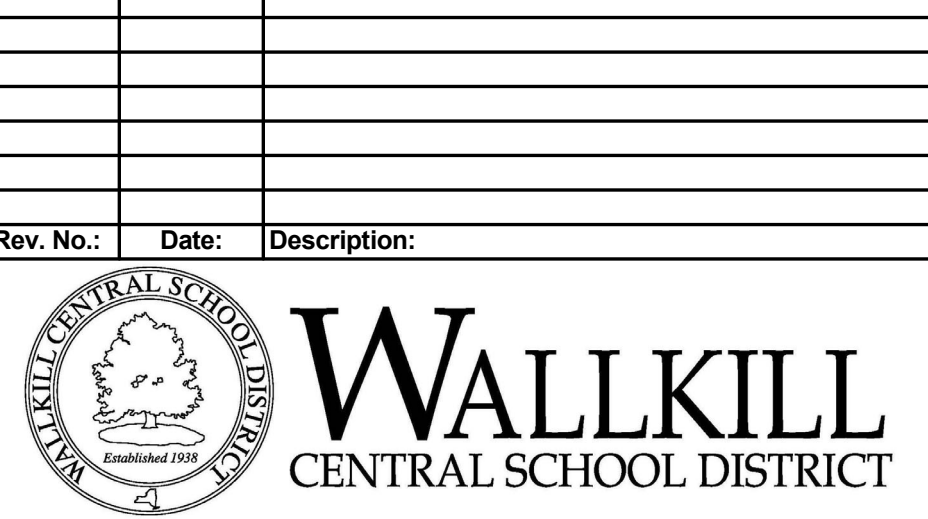
- COORDINATE WITH FLOOR PLANS, WALL SECTIONS AND PARTITION TYPES FOR RATED WALL TYPES AND LOCATIONS. IMMEDIATELY NOTIFY ARCHITECT OF ANY WALL RATING DISCREPANCIES BETWEEN DRAWINGS.
- ALL WALLS, INCLUDING AT CORRIDORS, SHALL EXTEND COMPLETELY TO THE UNDERSIDE OF DECKING, SUPPORTING STRUCTURE OR ROOF ABOVE, TYPICAL UNLESS NOTED OTHERWISE.
- 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.

- 1-HOUR FIRE PARTITION
--- COMMON EGRESS PATH
- XX NUMBER OF OCCUPANTS IN EACH SPACE, UNO
- RW RESCUE WINDOW
- 1928 ORIGINAL BUILDING
1941 BUILDING ADDITION
1948 BUILDING ADDITION
1959 BUILDING ADDITION
1975 BUILDING ADDITION

S.E.D. Control No. 62-18-01-06-0-002-014



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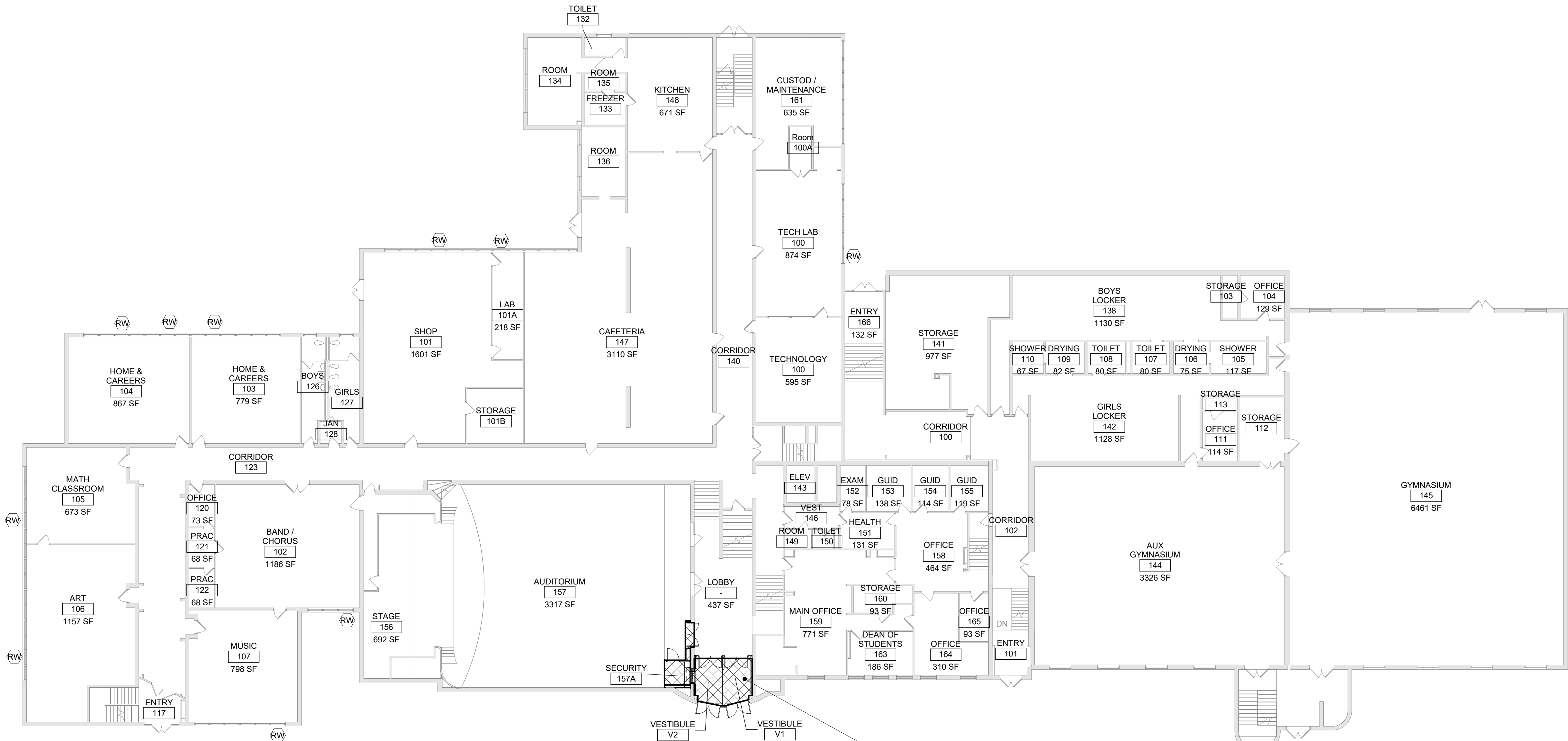


Wallkill Central School District
Wallkill, New York

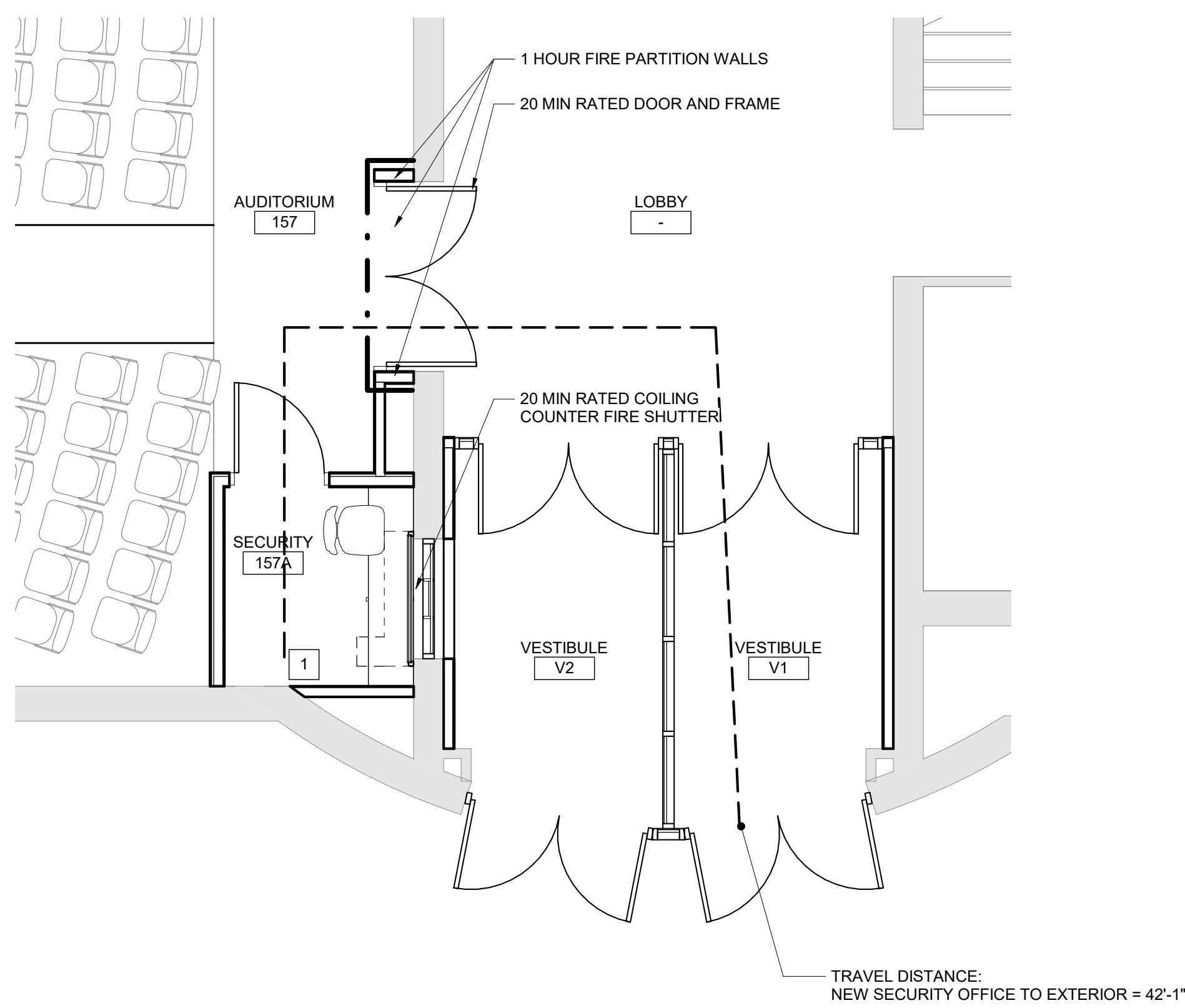
Reconstruction to:
John G. Borden Middle School

Code Compliance Review

Drawn By: Author
Date: 11/4/2022
Project No.: 17597-22001
Drawing Number: BG350



1 1st Floor Key Plan - Work Areas and Rescue Window Locations
1/16" = 1'-0"



2 Enlarged Plan - Entrance Work Area
1/4" = 1'-0"

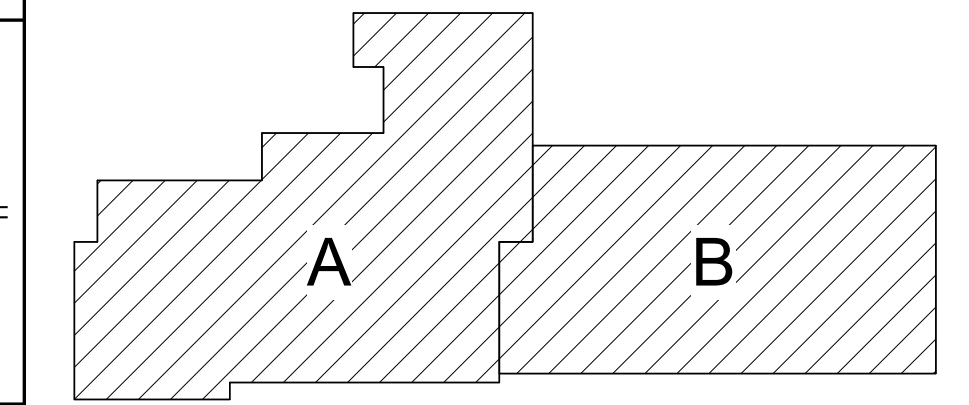
General Code Notes

- 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.
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Legend

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- 1-HOUR FIRE PARTITION
- COMMON EGRESS PATH
- XX NUMBER OF OCCUPANTS IN EACH SPACE, UNO
- RW RESCUE WINDOW
- 1928 ORIGINAL BUILDING
- 1941 BUILDING ADDITION
- 1948 BUILDING ADDITION
- 1959 BUILDING ADDITION
- 1975 BUILDING ADDITION



Key Plan
N.T.S.

S.E.D. Control No. 62-18-01-06-0-002-014

Rev. No.	Date	Description



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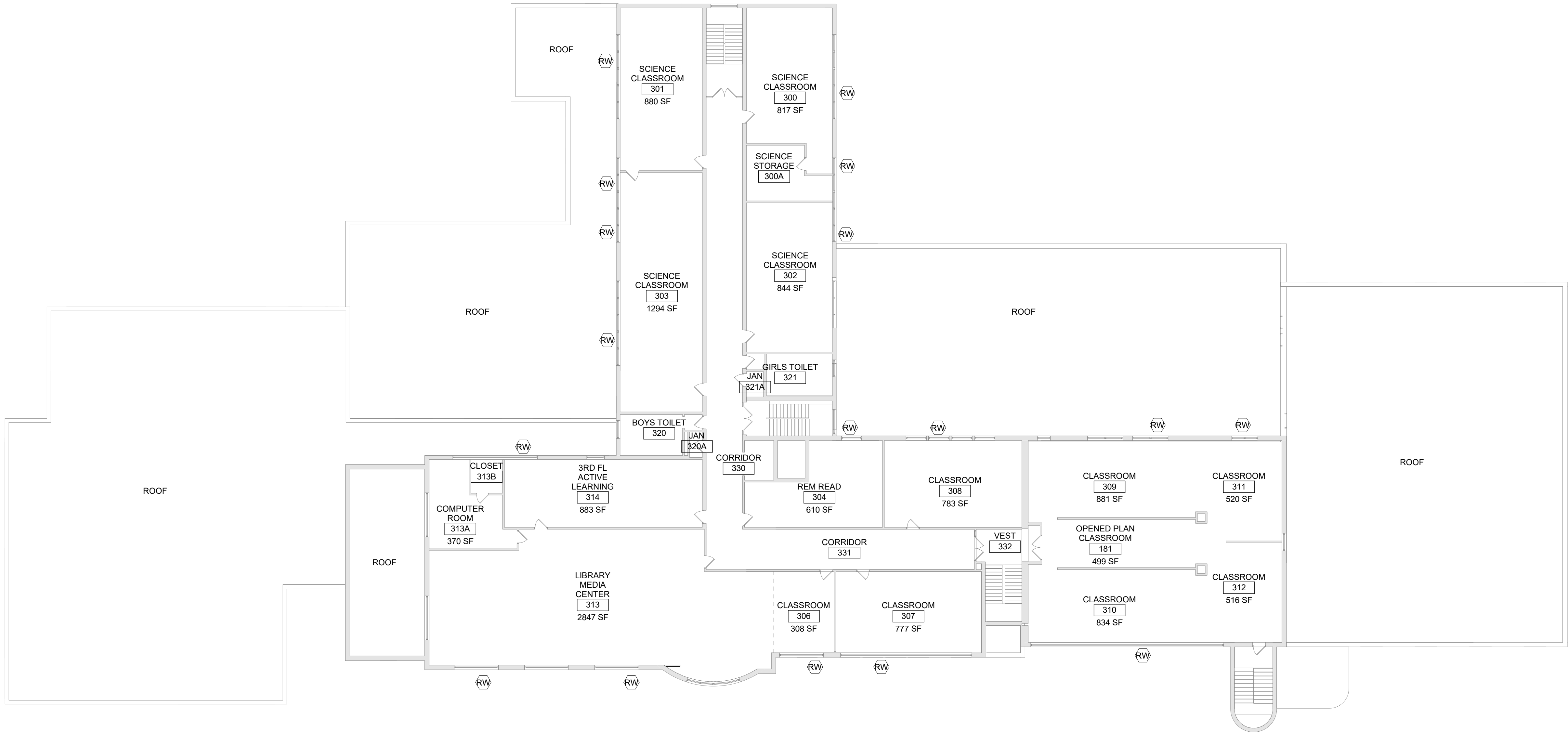


Wallkill Central School District
Wallkill, New York

Reconstruction to:
John G. Borden Middle School

First Floor - Scope of Work and Rescue Window Locations

Drawn By: Author	Date: 11/4/2022	Drawing Number:
Project No.: 17597-22001	BG351	



2 3rd Floor Key Plan - Rescue Window Locations
1/16" = 1'-0"



1 2nd Floor Key Plan - Rescue Window Locations
1/16" = 1'-0"

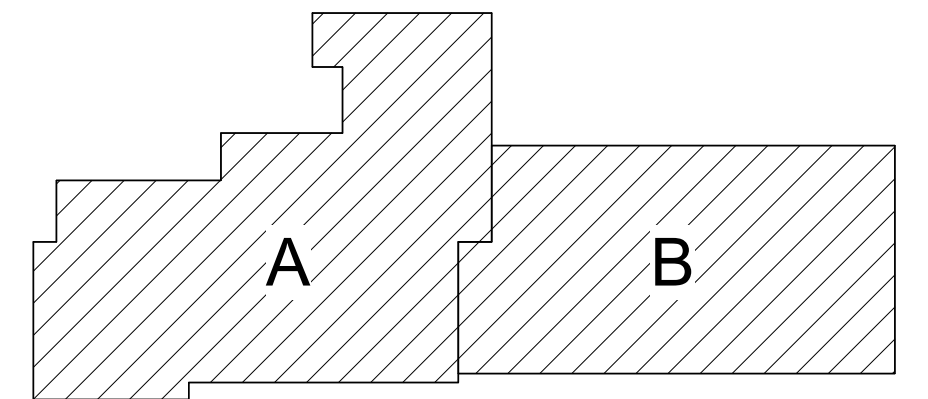
General Code Notes

- 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.
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- 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

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- 1-HOUR FIRE PARTITION
- COMMON EGRESS PATH
- XX NUMBER OF OCCUPANTS IN EACH SPACE, UNO
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- 1928 ORIGINAL BUILDING
- 1941 BUILDING ADDITION
- 1948 BUILDING ADDITION
- 1959 BUILDING ADDITION
- 1975 BUILDING ADDITION



Key Plan
N.T.S.

S.E.D. Control No. 62-18-01-06-0-002-014

Rev. No.:	Date:	Description:



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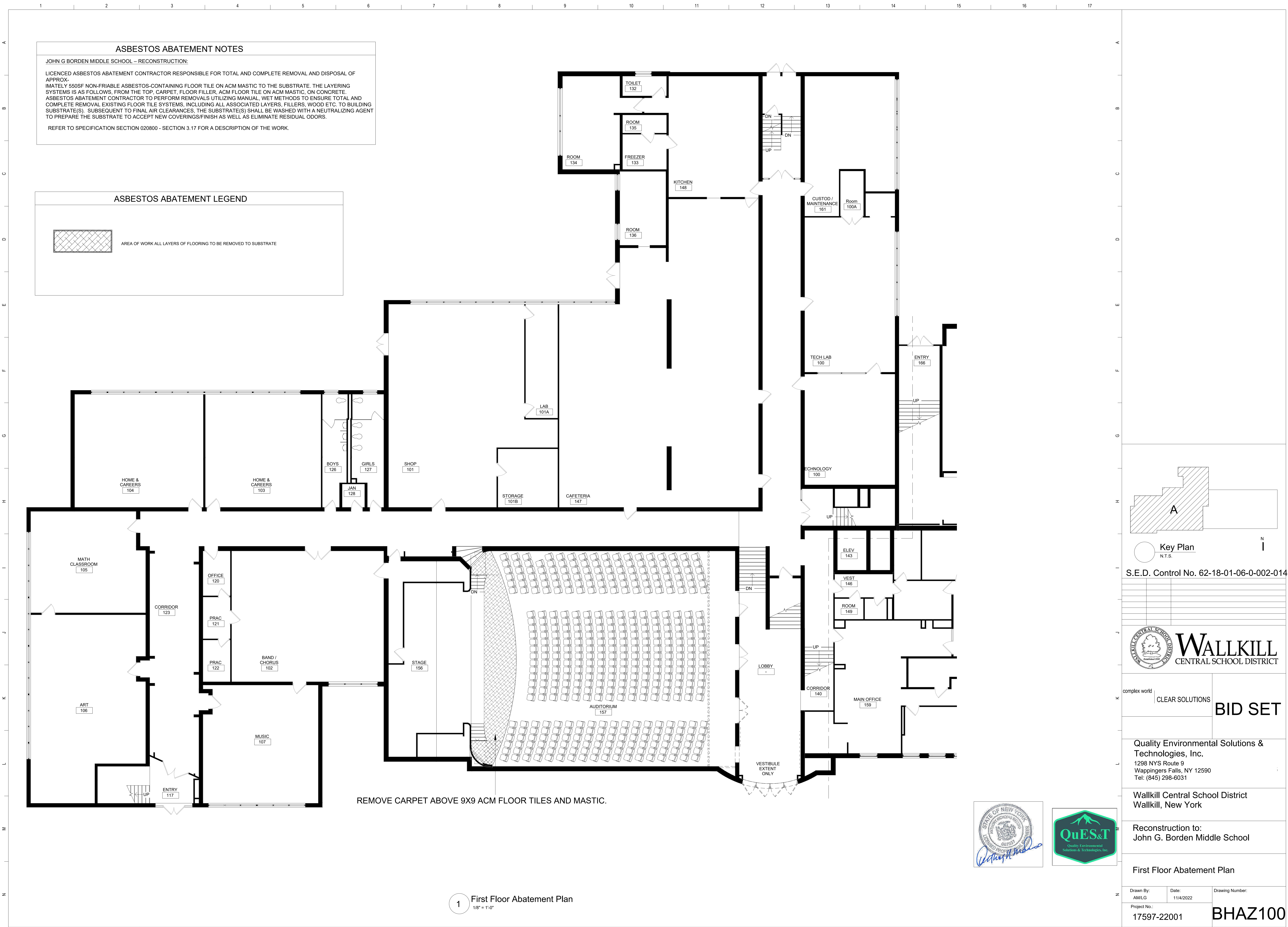


Wallkill Central School District
Wallkill, New York

Reconstruction to:
John G. Borden Middle School

Second and Third Floors - Rescue
Window Locations

Drawn By: Author	Date: 11/4/2022	Drawing Number:
Project No.:	17597-22001	BG352



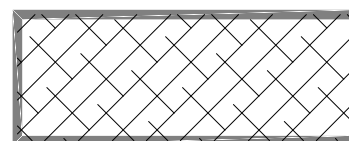
ASBESTOS ABATEMENT NOTES

JOHN G BORDEN MIDDLE SCHOOL – RECONSTRUCTION:

LICENCED ASBESTOS ABATEMENT CONTRACTOR RESPONSIBLE FOR TOTAL AND COMPLETE REMOVAL AND DISPOSAL OF APPROX. 550SF NON-FRIABLE ASBESTOS-CONTAINING FLOOR TILE ON ACM MASTIC TO THE SUBSTRATE. THE LAYERING SYSTEMS IS AS FOLLOWS, FROM THE TOP, CARPET, FLOOR FILLER, ACM FLOOR TILE ON ACM MASTIC, ON CONCRETE. ASBESTOS ABATEMENT CONTRACTOR TO PERFORM REMOVALS UTILIZING MANUAL, WET METHODS TO ENSURE TOTAL AND COMPLETE REMOVAL EXISTING FLOOR TILE SYSTEMS, INCLUDING ALL ASSOCIATED LAYERS, FILLERS, WOOD ETC. TO BUILDING SUBSTRATE(S). SUBSEQUENT TO FINAL AIR CLEARANCES, THE SUBSTRATE(S) SHALL BE WASHED WITH A NEUTRALIZING AGENT TO PREPARE THE SUBSTRATE TO ACCEPT NEW COVERINGS/FINISH AS WELL AS ELIMINATE RESIDUAL ODORS.

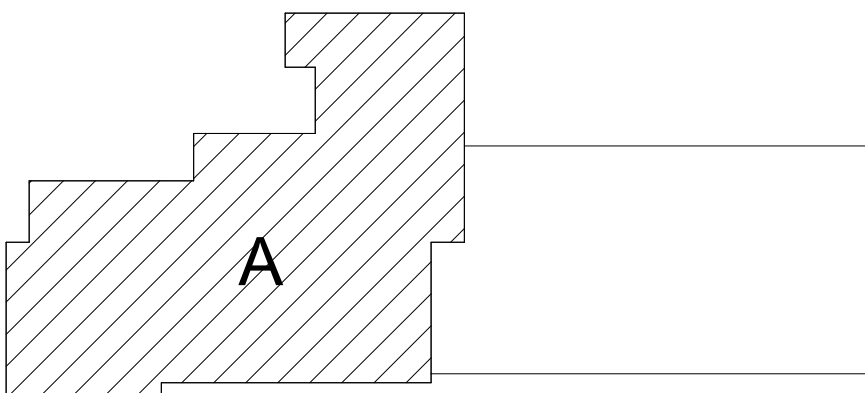
REFER TO SPECIFICATION SECTION 020800 - SECTION 3.17 FOR A DESCRIPTION OF THE WORK.

ASBESTOS ABATEMENT LEGEND



AREA OF WORK ALL LAYERS OF FLOORING TO BE REMOVED TO SUBSTRATE

REMOVE CARPET ABOVE 9X9 ACM FLOOR TILES AND MASTIC.



Key Plan
N.T.S.

S.E.D. Control No. 62-18-01-06-0-002-014



WALLKILL
CENTRAL SCHOOL DISTRICT

complex world
CLEAR SOLUTIONS

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Quality Environmental Solutions & Technologies, Inc.
1298 NYS Route 9
Wappingers Falls, NY 12590
Tel: (845) 298-6031

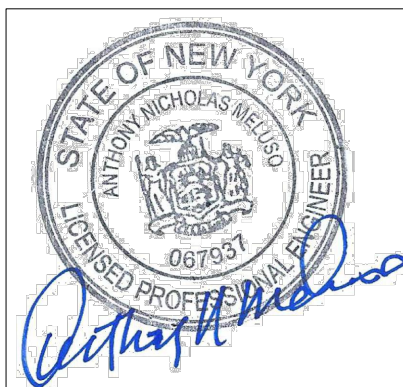
Wallkill Central School District
Wallkill, New York

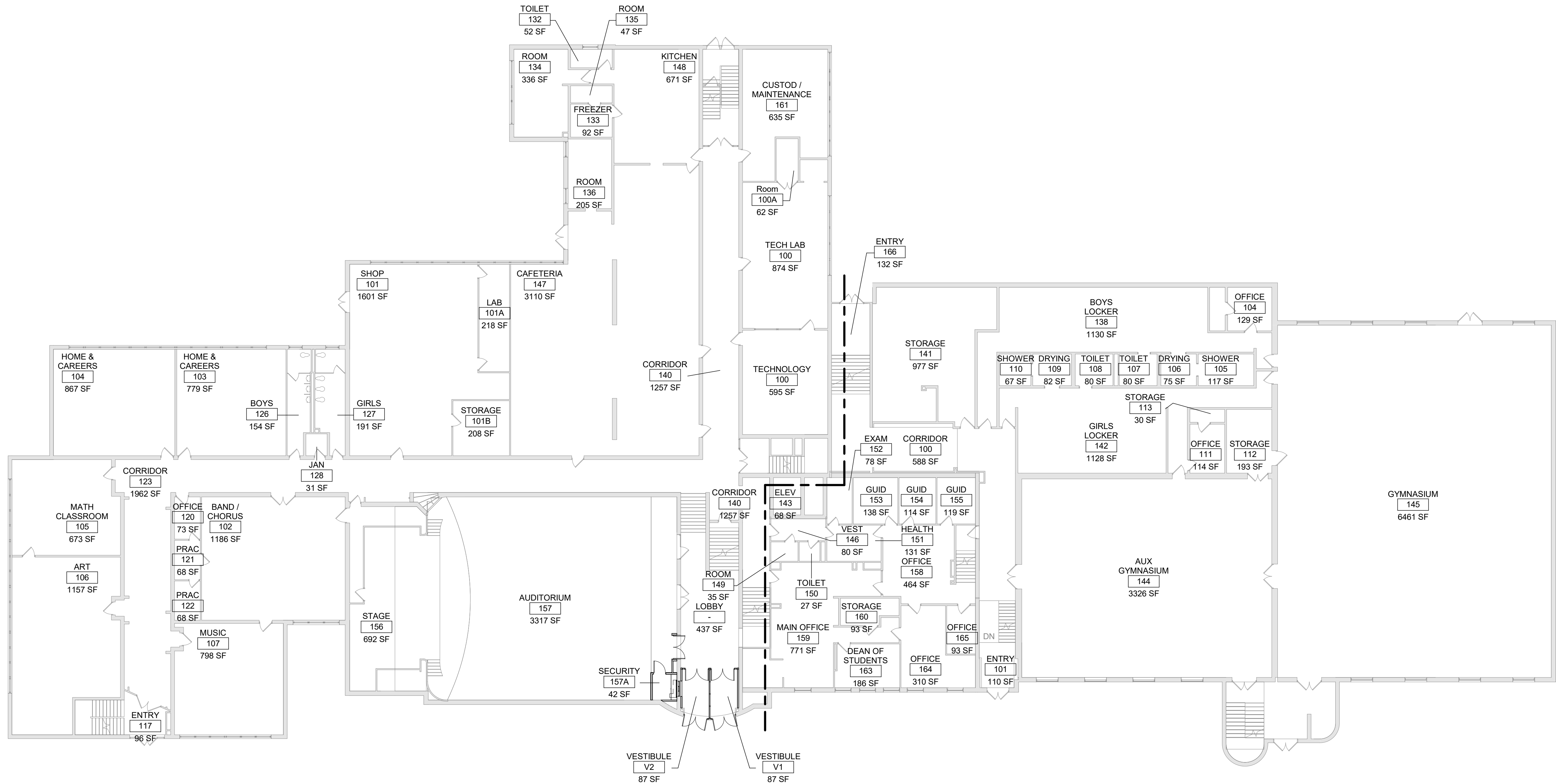
Reconstruction to:
John G. Borden Middle School

First Floor Abatement Plan

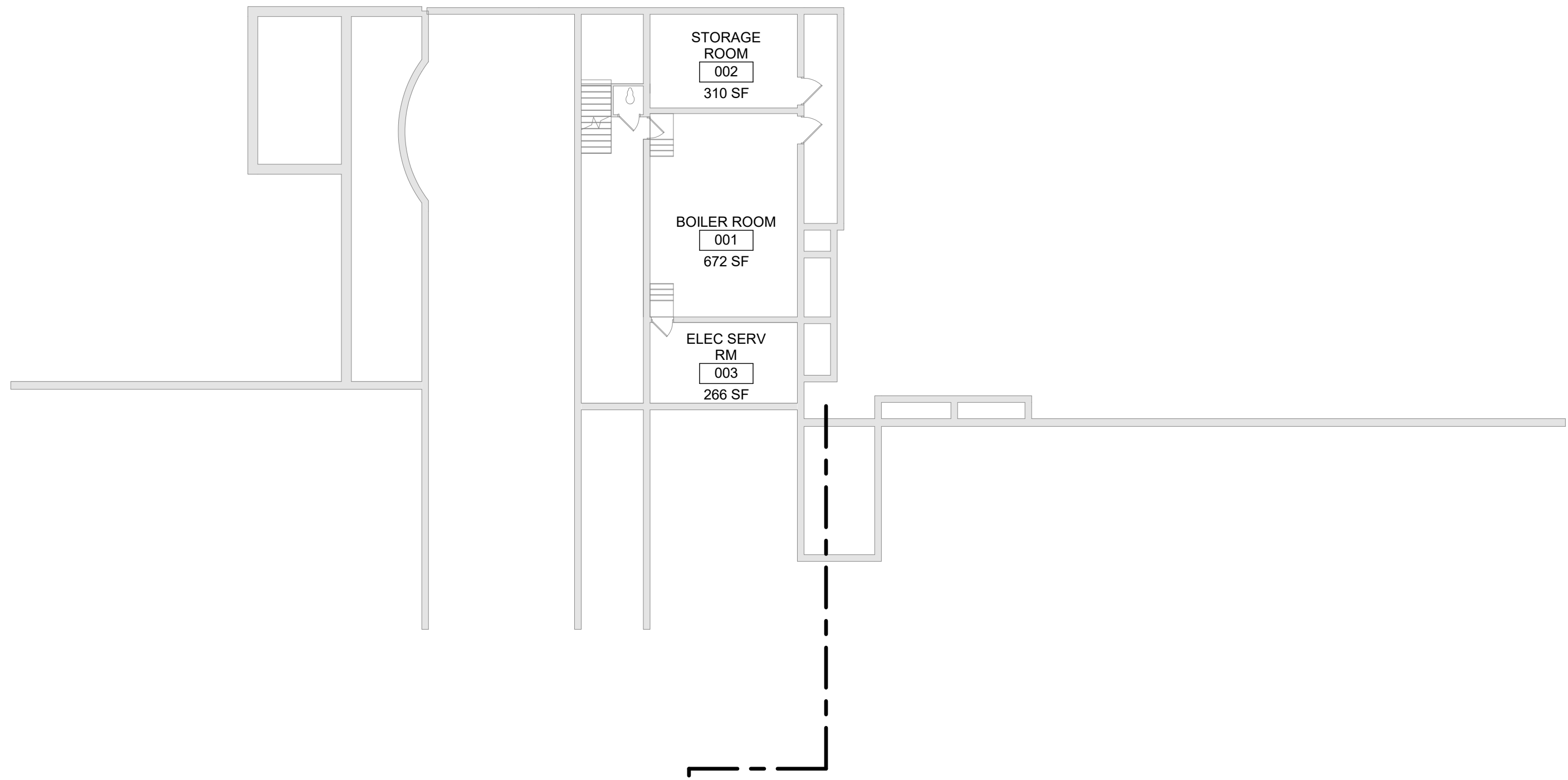
Drawn By:
AM/LG
Date:
11/4/2022
Drawing Number:
Project No.:
17597-22001

BHAZ100





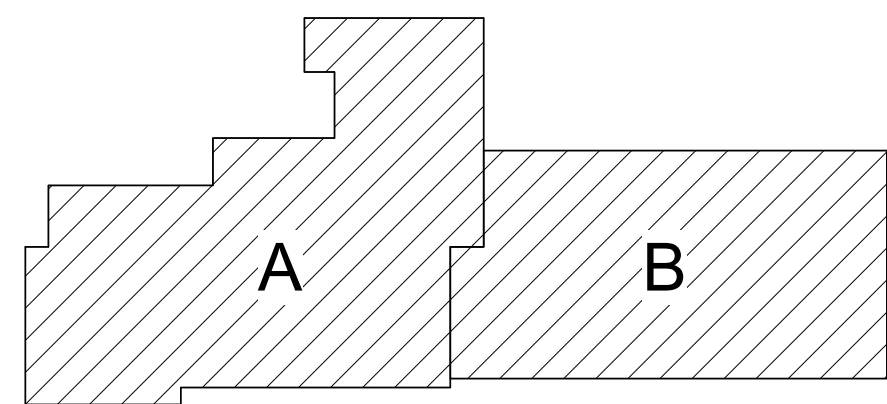
1 First Floor - Key Plan
1/16" = 1'-0"



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

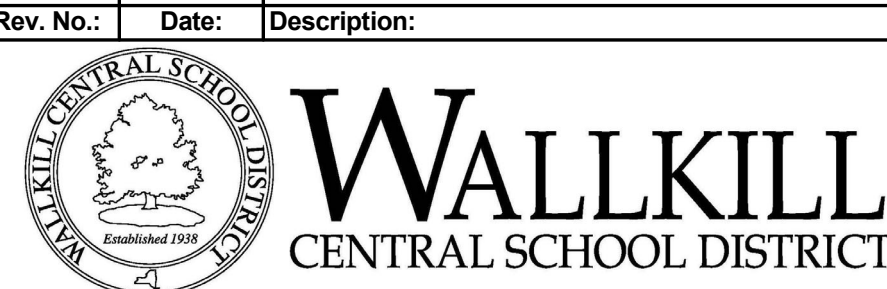
General Notes - Applies to All Drawings

- 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.

S.E.D. Control No. 62-18-01-06-0-002-014



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& Landscape Architects, P.C.



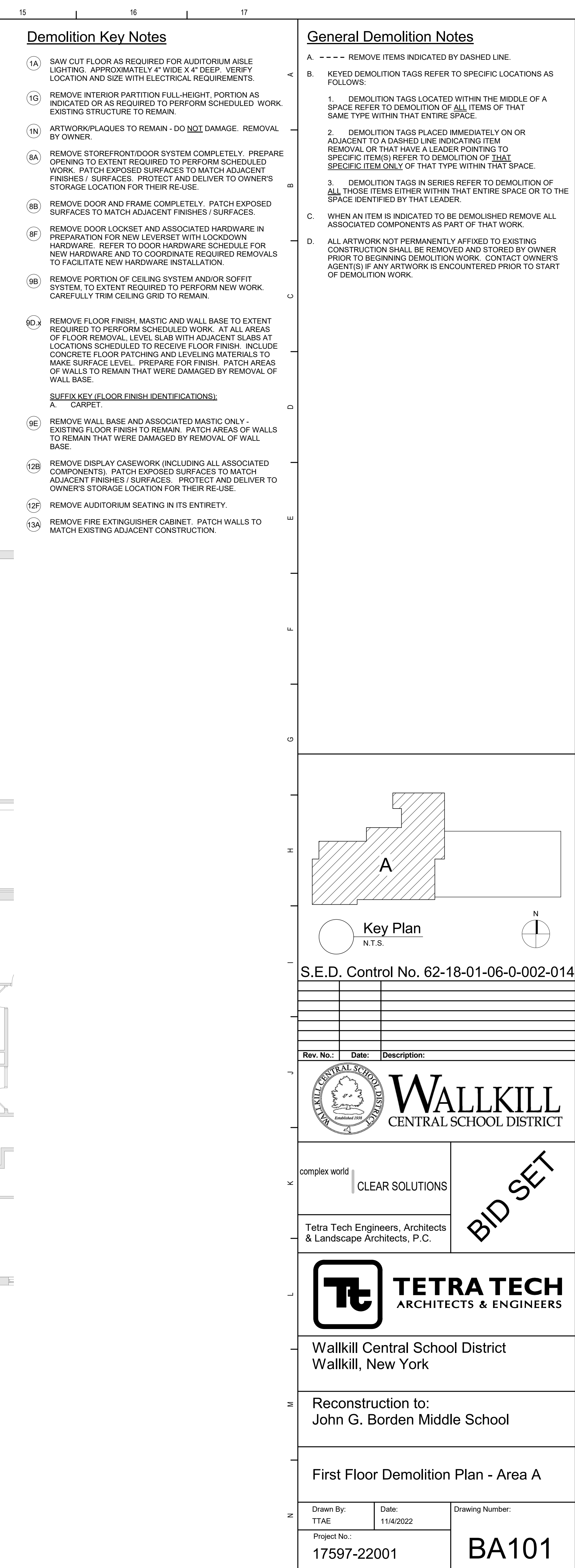
Wallkill Central School District
Wallkill, New York

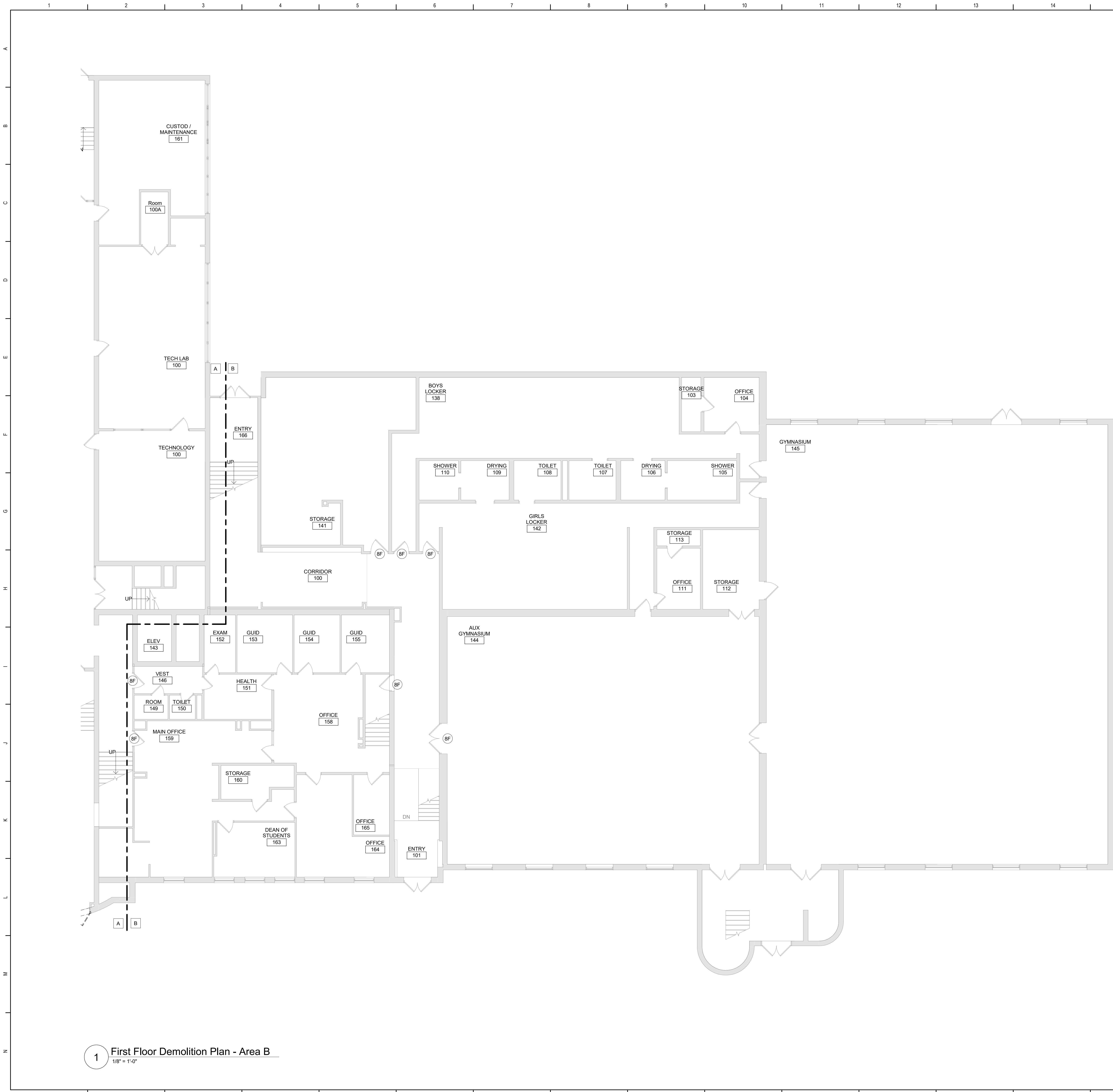
Reconstruction to:
John G. Borden Middle School

Basement and First Floor Key Plans

Drawn By: TTAE Date: 11/4/2022 Drawing Number:
Project No.: 17597-22001

BA051





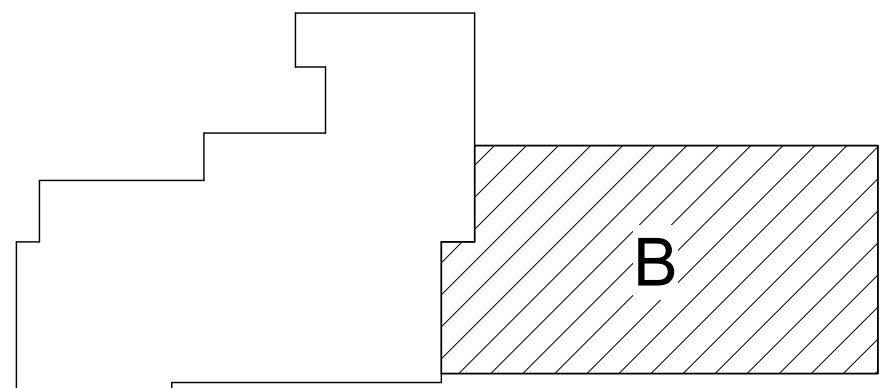
1 First Floor Demolition Plan - Area B
1/8" = 1'-0"

Demolition Key Notes

- 1A SAW CUT FLOOR AS REQUIRED FOR AUDITORIUM AISLE LIGHTING. APPROXIMATELY 4" WIDE X 4" DEEP. VERIFY LOCATION AND SIZE WITH ELECTRICAL REQUIREMENTS.
- 1G REMOVE INTERIOR PARTITION FULL-HEIGHT. PORTION AS INDICATED OR AS REQUIRED TO PERFORM SCHEDULED WORK. EXISTING STRUCTURE TO REMAIN.
- 1N ARTWORK/PLAQUES TO REMAIN - DO NOT DAMAGE. REMOVAL BY OWNER.
- 8A REMOVE STOREFRONT/DOOR SYSTEM COMPLETELY. PREPARE OPENING TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. PROTECT AND DELIVER TO OWNER'S STORAGE LOCATION FOR THEIR RE-USE.
- 9B REMOVE DOOR AND FRAME COMPLETELY. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES.
- 8F REMOVE DOOR LOCKSET AND ASSOCIATED HARDWARE IN PREPARATION FOR NEW LEVERSET WITH LOCKDOWN HARDWARE. REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE AND TO COORDINATE REQUIRED REMOVALS TO FACILITATE NEW HARDWARE INSTALLATION.
- 9B REMOVE PORTION OF CEILING SYSTEM AND/OR SOFFIT SYSTEM. TO EXTENT REQUIRED TO PERFORM NEW WORK. CAREFULLY TRIM CEILING GRID TO REMAIN.
- 9D.3 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
- 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.
- 12B REMOVE DISPLAY CASEWORK (INCLUDING ALL ASSOCIATED COMPONENTS). PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. PROTECT AND DELIVER TO OWNER'S STORAGE LOCATION FOR THEIR RE-USE.
- 12F REMOVE AUDITORIUM SEATING IN ITS ENTIRETY.
- 13A REMOVE FIRE EXTINGUISHER CABINET. PATCH WALLS TO MATCH EXISTING ADJACENT CONSTRUCTION.

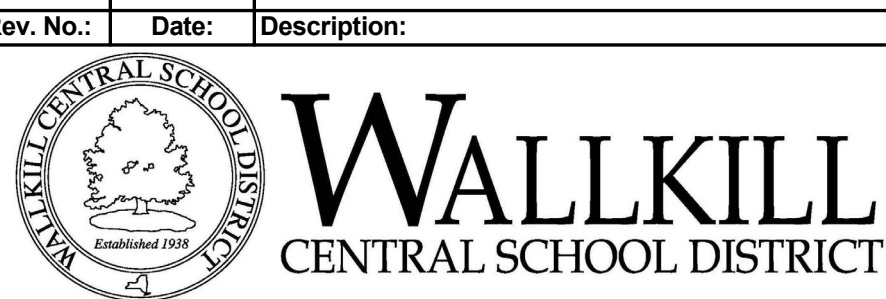
General Demolition Notes

- 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.



Key Plan
N.T.S.

S.E.D. Control No. 62-18-01-06-0-002-014



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Wallkill Central School District
Wallkill, New York

Reconstruction to:
John G. Borden Middle School

First Floor Demolition Plan - Area B

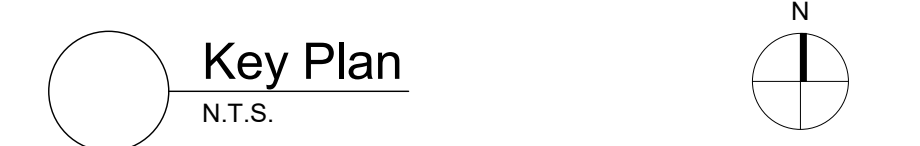
Drawn By: Author
Date: 11/4/2022
Project No.: 17597-22001

Drawing Number:
BA102



1A	SAW CUT FLOOR AS REQUIRED FOR AUDITORIUM AISLE LIGHTING. APPROXIMATELY 4" WIDE X 4" DEEP. VERIFY LOCATION AND SIZE WITH ELECTRICAL REQUIREMENTS.
1C	REMOVE INTERIOR PARTITION FULL-HEIGHT. PORTION AS NECESSARY OR AS REQUIRED TO PERFORM SCHEDULED WORK. EXISTING STRUCTURE TO REMAIN.
1N	WORK/ARTWORK/PLACES TO REMOVE - DO <u>NOT</u> DAMAGE. REMOVE BY OWNER.
8A	REMOVE STOREFRONT/DOOR SYSTEM COMPLETELY. PREPARE OPENING TO EXIST REQUIRED TO PERFORM SCHEDULED WORK. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. DELIVER TO OWNER'S STORAGE LOCATION FOR THEIR RE-USE.
8B	REMOVE DOOR AND FRAME COMPLETELY. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES.
8F	REMOVE DOOR LOCKSET AND ASSOCIATED HARDWARE IN PREPARATION FOR NEW LEVER/ESTATE WITH LOCKDOWN HARDWARE. REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE AND LOCKDOWN HARDWARE REMOVALS TO FACILITATE NEW HARDWARE INSTALLATION.
9B	REMOVE PORTION OF CEILING SYSTEM AND/OR SOFFIT SYSTEM. TO EXTEND REQUIRED TO PERFORM NEW WORK. CAREFULLY TEND CEILING GRID TO REMAIN.
9D, X	REMOVE FLOOR FINISH, MASTIC AND WALL BASE TO EXIST REQUIRED TO PERFORM SCHEDULED WORK. AT ALL AREAS OF FLOOR REMOVE LEVEL SLAB WITH ADJACENT SLABS AT LOCATIONS SCHEDULED TO RECEIVE FLOOR FINISH. INCLUDE EXISTING FLOOR PATCHES AND REPAIRS TO BE REPAIRS TO MAKE SURFACE LEVEL. PREPARE FOR FINISH. PATCH AREAS OF WALLS TO REMAIN THAT WERE DAMAGED BY REMOVAL OF WALL BASE.
	<u>SUFFIX KEY (FLOOR FINISH IDENTIFICATIONS):</u> A CARPET.
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.
12B	REMOVE DISPLAY CASEWORK (INCLUDING ALL ASSOCIATED COMPONENTS). PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. PROTECT AND DELIVER TO OWNER'S STORAGE LOCATION FOR THEIR RE-USE.
12F	REMOVE AUDITORIUM SEATING IN ITS ENTIRETY.
13A	REMOVE FIRE EXTINGUISHER CABINET. PATCH WALLS TO MATCH EXISTING ADJACENT CONSTRUCTION.

- A. ~~REMOVE ITEMS INDICATED BY DASHED LINE.~~
- B. KEYED DEMOLITION TAGS REFER TO SPECIFIC LOCATIONS AS FOLLOWS:
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 - 3. DEMOLITION TAGS IN SERIES REFER TO DEMOLITION OF ALL THESE ITEMS 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 REPRESENTATIVE IF ARTWORK IS ENCOUNTERED PRIOR TO START OF DEMOLITION WORK.



S.E.D. Control No. 62-18-01-06-0-002-014

Rev. No.:	Date:	Description:
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Wallkill Central School District
Wallkill, New York

Reconstruction to:
John G. Borden Middle School

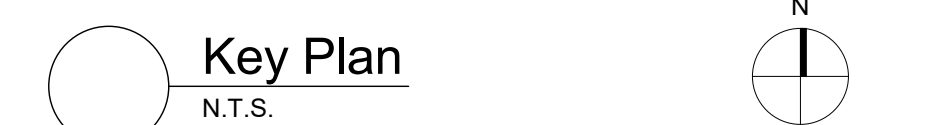
Second Floor Demolition Plan - Areas A and B

Drawn By: TTAE	Date: 11/4/2022	Drawing Number: BA103
Project No.: 17597-22001		

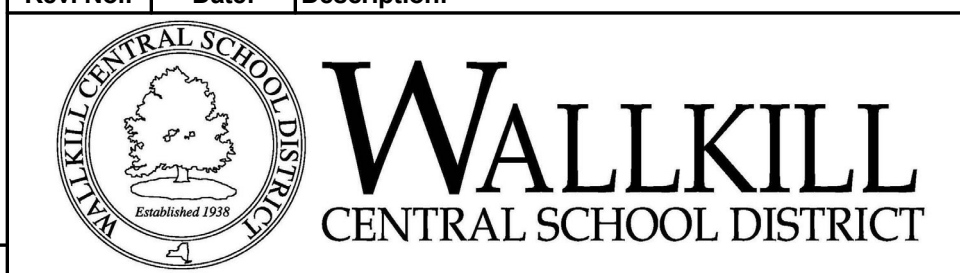


- 1A SAW CUT FLOOR AS REQUIRED FOR AUDITORIUM AISLE LIGHTING, APPROXIMATELY 4" WIDE X 4" DEEP. VERIFY LOCATION AND SIZE WITH ELECTRICAL REQUIREMENTS.
- 1C REMOVE INTERIOR PARTITION FULL-HEIGHT, PORTION AS REQUIRED OR AS NOTED ON SCHEDULED WORK. EXISTING STRUCTURE TO REMAIN.
- 1N ARTWORK/PLAQUES TO REMAIN - DO NOT DAMAGE. REMOVAL BY OWNER.
- 8A REMOVE STOREROOF/DORMER SYSTEM COMPLETELY. PREPARE OPENING TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. PATCH EXPOSED SURFACES TO MATCH ADJACENT WORK SURFACES. REFER TO OWNER AND REVIEW TO OWNER'S STORAGE LOCATION FOR THEIR RE-USE.
- 8B REMOVE DOOR AND FRAME COMPLETELY. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES.
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S.E.D. Control No. 62-18-01-06-0-002-014

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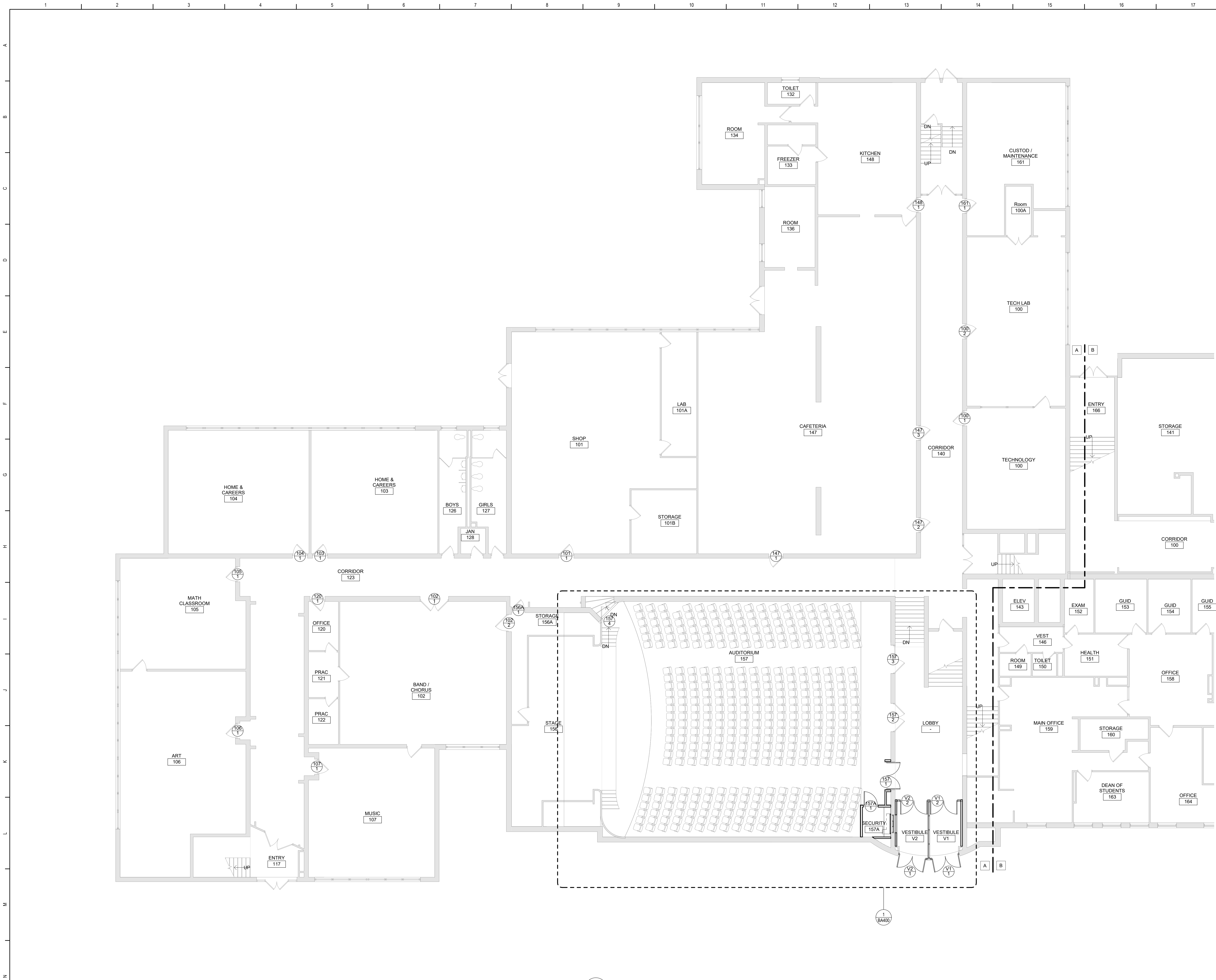


Wallkill Central School District
Wallkill, New York

M	Reconstruction to: John G. Borden Middle School
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Third Floor Demolition Plan - Areas A
and B

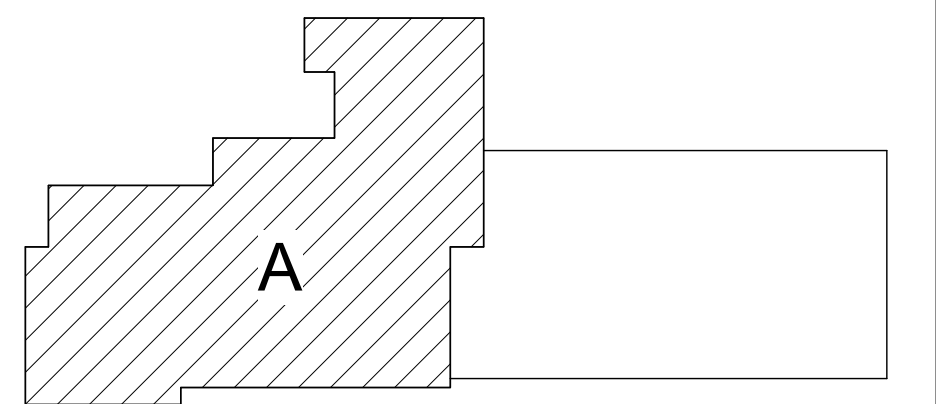
N	Drawn By: Author	Date: 11/4/2022	Drawing Number:
	Project No.: 17597-22001		BA104



1 First Floor Plan - Area A
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.
- C. INFILL AREAS OF RECESSED FLOOR MAT AND/OR FINISH REMOVALS WITH REPAIR MATERIAL PROVIDE SUBSTRATE LEVEL AS REQUIRED SO SCHEDULED FINISHED FLOOR WILL MATCH THAT OF EXISTING ADJACENT AREAS.



Key Plan
N.T.S.

S.E.D. Control No. 62-18-01-06-0-002-014

Rev. No.: Date: Description:



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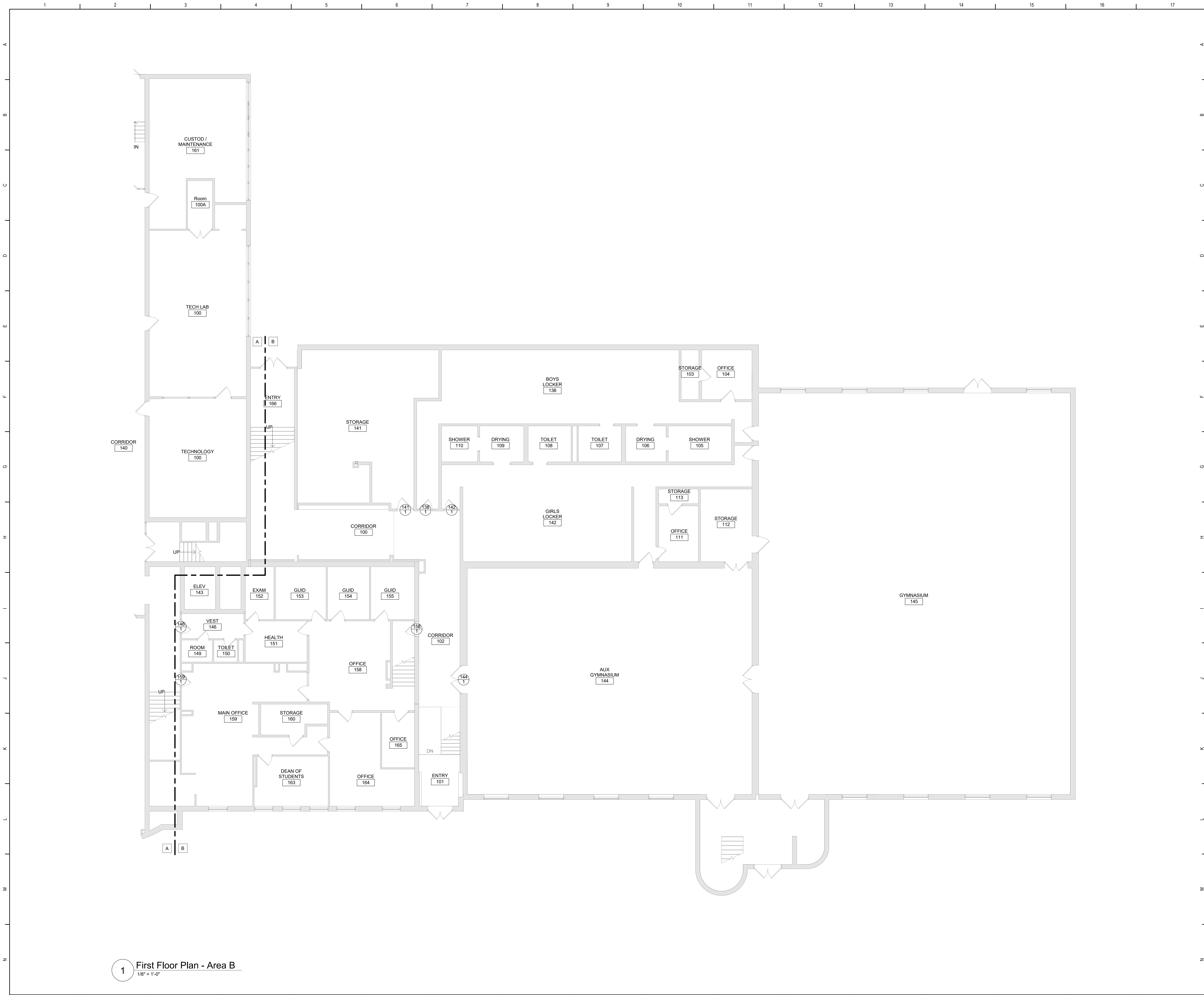


Wallkill Central School District
Wallkill, New York

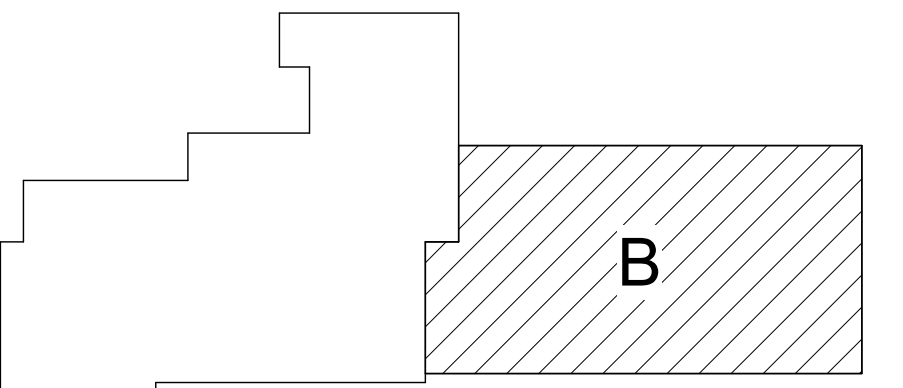
Reconstruction to:
John G. Borden Middle School

First Floor Plan - Area A

Drawn By: TTAE Date: 11/4/2022 Drawing Number:
Project No.: 17597-22001 BA131

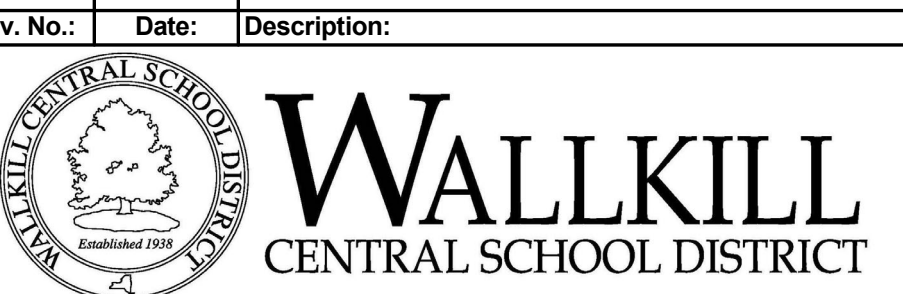


- General Plan Notes**
- A. WHERE EXISTING CONSTRUCTION IS DAMAGED OR DISTURBED, PATCH AS REQUIRED TO RESTORE SURFACES TO THEIR ORIGINAL CONDITION.
 - B. PARTITION TYPE TAGS APPLY TO ENTIRE LENGTH OF WALL, INDICATED BY THAT TAG, REGARDLESS OF OPENINGS WITHIN THAT WALL, TYPICAL UNLESS NOTED OTHERWISE.
 - C. INFILL AREAS OF RECESSED FLOOR MAT AND/OR FINISH REMOVALS WITH REPAIR MATERIAL, PROVIDE SUBSTRATE LEVEL AS REQUIRED SO SCHEDULED FINISHED FLOOR WILL MATCH THAT OF EXISTING ADJACENT AREAS.



Key Plan
N.T.S.

S.E.D. Control No. 62-18-01-06-0-002-014



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Wallkill Central School District
Wallkill, New York

Reconstruction to:
John G. Borden Middle School

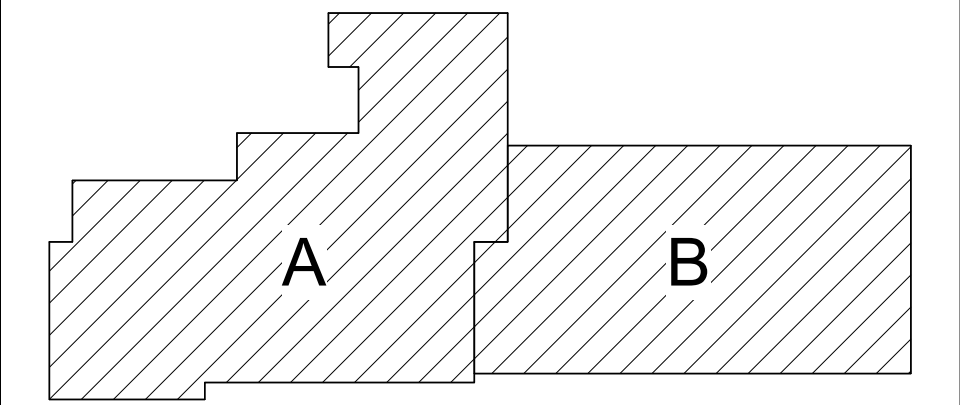
First Floor Plan - Area B

Drawn By: Author
Date: 11/4/2022
Project No.: 17597-22001
Drawing Number: BA132



1 Second Floor Plan - Areas A and B
1/8" = 1'-0"

- General Plan Notes**
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Key Plan
N.T.S.

S.E.D. Control No. 62-18-01-06-0-002-014

Rev. No.: Date: Description:



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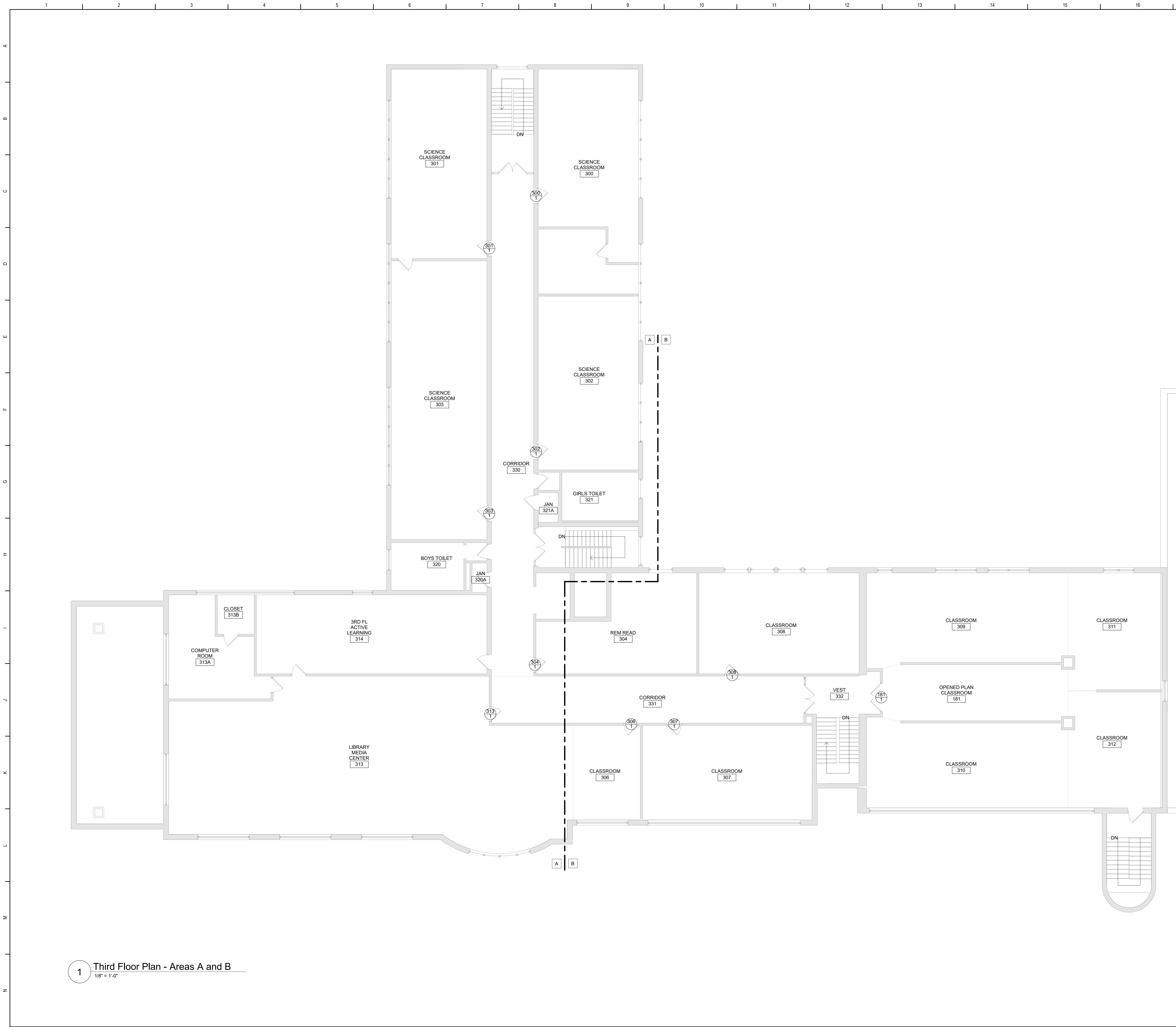


Wallkill Central School District
Wallkill, New York

Reconstruction to:
John G. Borden Middle School

Second Floor Plan - Areas A and B

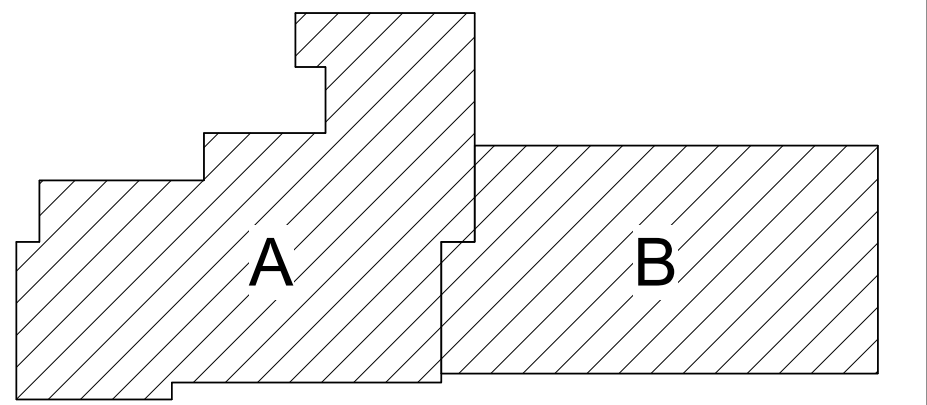
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Project No.: 17597-22001		BA133



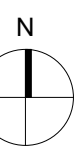
1 Third Floor Plan - Areas A and B
1/8" = 1'-0"

General Plan Notes

- A. WHERE EXISTING CONSTRUCTION IS DAMAGED OR DISTURBED, PATCH AS REQUIRED TO RESTORE SURFACES TO THEIR ORIGINAL CONDITION.
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Key Plan
N.T.S.



S.E.D. Control No. 62-18-01-06-0-002-014

Rev. No.: Date: Description:



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& Landscape Architects, P.C.

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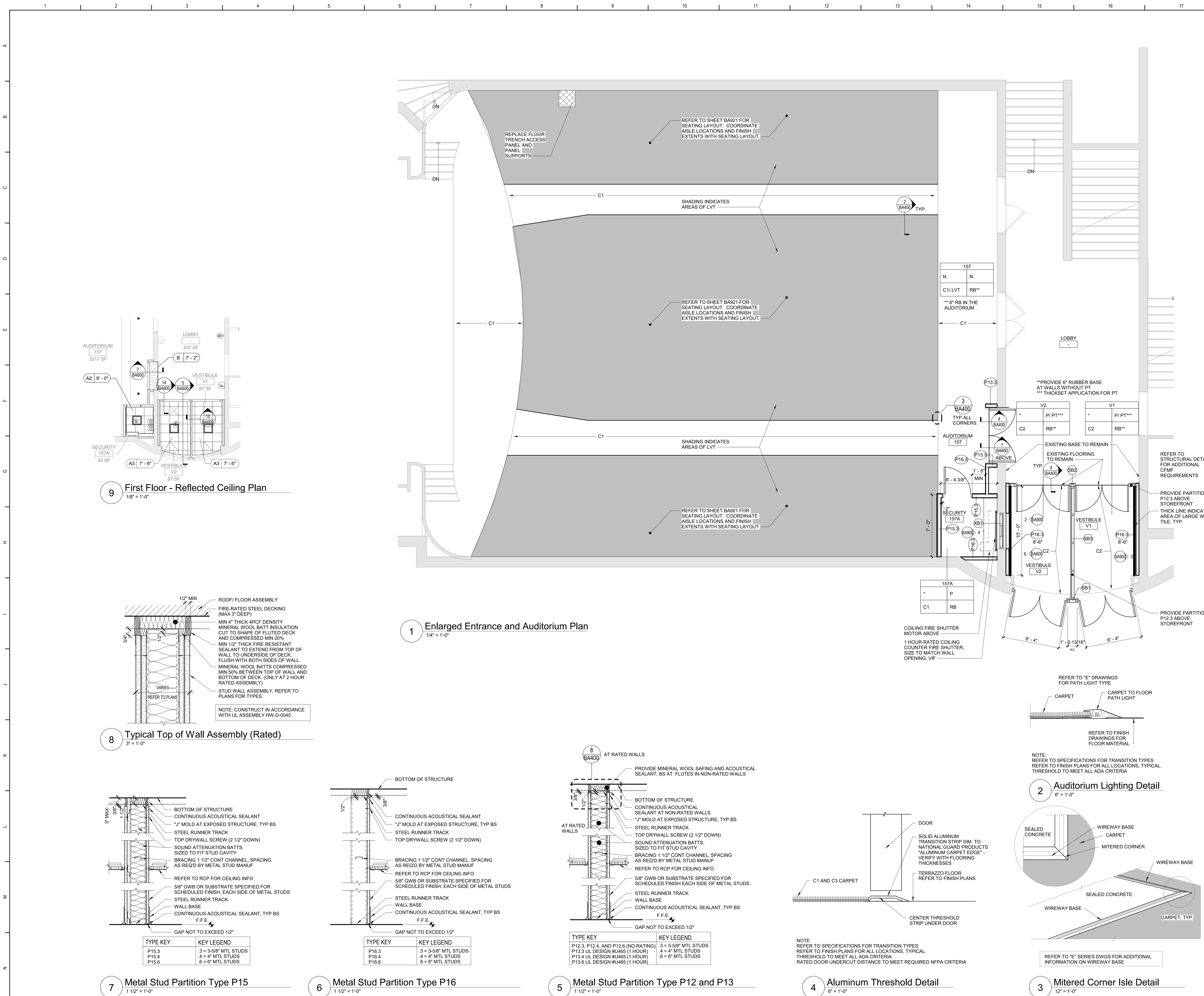


Wallkill Central School District
Wallkill, New York

Reconstruction to:
John G. Borden Middle School

Third Floor Plan - Areas A and B

Drawn By: TTAE	Date: 11/4/2022	Drawing Number:
Project No.: 17597-22001	BA134	



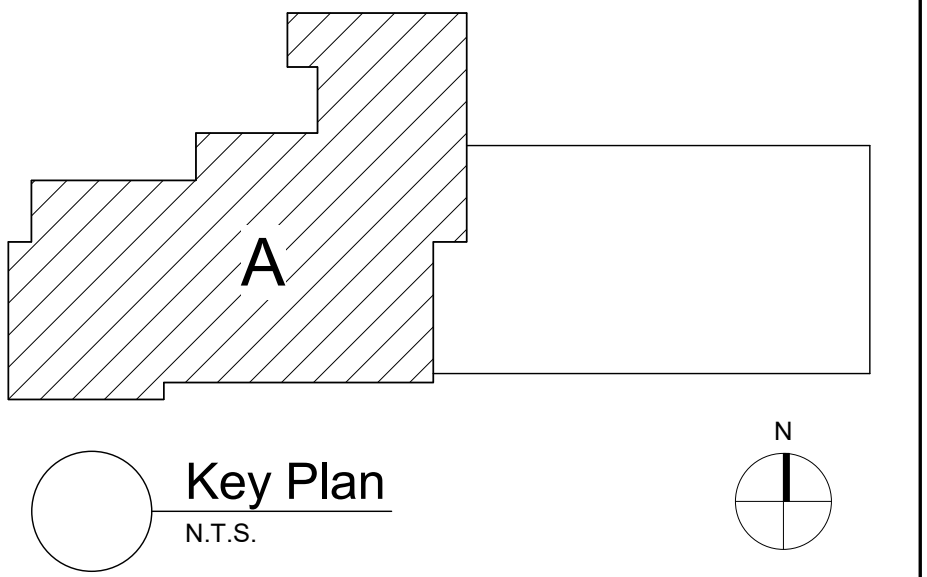
- General Plan Notes**
- A. WHERE EXISTING CONSTRUCTION IS DAMAGED OR DISTURBED, PATCH AS REQUIRED TO RESTORE SURFACES TO THEIR ORIGINAL CONDITION.
 - B. PARTITION TYPE TAGS APPLY TO ENTIRE LENGTH OF WALL INDICATED BY THAT TAG, REGARDLESS OF OPENINGS WITHIN THAT WALL, TYPICAL UNLESS NOTED OTHERWISE.
 - C. INFILL AREAS OF RECESSED FLOOR MAT AND/OR FINISH REMOVALS WITH REPAIR MATERIAL. PROVIDE SUBSTRATE LEVEL AS REQUIRED SO SCHEDULED FINISHED FLOOR WILL MATCH THAT OF EXISTING ADJACENT AREAS.
- Ceiling Types**
- A2 X-X" ACOUSTIC PANEL CEILING
 - A3 X-X" ACOUSTIC PANEL CEILING
 - B X-X" PAINTED 5/8" GYPSUM CEILING ON SUPPORT MATERIALS (GRID SUSPENSION SYSTEM, TYP UNO)

- 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 ITEMS 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 CONSTRUCTION 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.

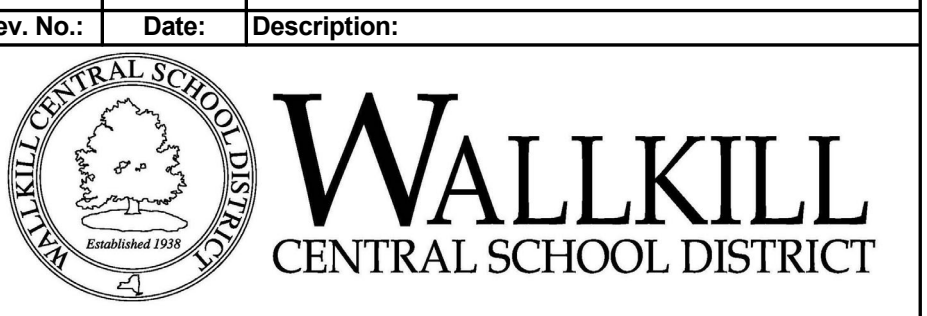
- Room Finish Key**
- C1 CARPET - TYPE 1
 - C2 CARPET - TYPE 2 ENTRY WALK OFF
 - LVT LUXURY VINYL TILE
 - MCS MOISTURE CONTROL SYSTEM
 - N NO WORK REQUIRED
 - P PAINT SURFACE(S) INCLUDING SOFFITS
 - PT PORCELAIN TILE
 - RB RUBBER BASE - 4" AND 6"
- * SEE REFLECTED CEILING PLAN
** PROVIDE 6" RUBBER BASE IN THE AUDITORIUM AND LOBBY
*** THICKSET APPLICATION FOR PT
- INDICATED CHANGE IN FLOOR FINISH

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

RM#	CLG*	WALL
	FLR	BASE



S.E.D. Control No. 62-18-01-06-0-002-014



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BID SET



Walkkill Central School District
Walkkill, New York

Reconstruction to:
John G. Borden Middle School

Enlarged Plans and Details

Drawn By: TTAE	Date: 11/4/2022	Drawing Number: BA400
Project No.: 17597-22001		

Door Schedule																		
ROOM NUMBER	DOOR NUMBER	TYPE	MATERIAL	WIDTH	HEIGHT	RATING	GLAZING	TYPE	MATERIAL	WIDTH	HEIGHT	RATING	GLAZING	HEAD	JAMB	SILL	HDW SET	REMARKS
1st FLOOR LOW																		
100	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
100	2	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
101	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
102	1	F-PR	EXG	3'-0"	7'-0"	-	-	EXG	EXG	6'-4"	7'-2"	-	-				B1	NOTE 2
102	2	F	EXG	3'-6"	7'-0"	-	-	EXG	EXG	3'-10"	7'-4"	-	-				B1	NOTE 2
103	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
104	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
105	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
106	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
107	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
120	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
146	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
147	1	F	EXG	2'-10"	7'-0"	-	-	EXG	EXG	3'-2"	7'-4"	-	-				B2	NOTE 2
147	2	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B2	NOTE 2
147	3	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B2	NOTE 2
148	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
156A	1	F	EXG	2'-6"	7'-0"	-	-	EXG	EXG	2'-10"	7'-4"	-	-				B1	NOTE 2
159	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
161	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
1st FLOOR HIGH																		
138	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
141	1	F	EXG	3'-6"	7'-0"	-	-	EXG	EXG	3'-10"	7'-4"	-	-				B1	NOTE 2
142	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
144	1	F-PR	EXG	3'-0"	7'-0"	-	-	EXG	EXG	6'-4"	7'-4"	-	-				B1	NOTE 2
158	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
Main Entry																		
157	1	F-PR	WD	3'-0"	7'-0"	20 MIN	-	F2	HM	6'-4"	7'-2"	20 MIN	-	7/BA600	7/BA600		B10	
157	2	F-PR	EXG	3'-0"	7'-0"	-	-	F2	EXG	6'-4"	7'-4"	-	-				B4	
157	3	F-PR	EXG	3'-0"	7'-0"	-	-	EXG	EXG	6'-4"	7'-4"	-	-				B4	
157	4	F-PR	EXG	2'-5"	7'-0"	-	-	EXG	EXG	5'-2"	7'-4"	-	-				B4	
157A	1	F	WD	3'-0"	7'-0"	-	-	F2	HM	6'-4"	7'-2"	-	-	H14	J14		B5	NOTE 3
V1	1	G-PR	FRP	3'-0"	7'-0"	-	-	FCE/SCL	SB1	AL	15'-0"	7'-2"	-	-			B9	NOTE 1, NOTE 3
V1	2	G2-PR	AL	3'-0"	7'-0"	-	-	SCL	SB2	AL	15'-0"	7'-2"	-	-			B8	NOTE 3
V2	1	G-PR	FRP	3'-0"	7'-0"	-	-	FCE/SCL	SB1	AL	15'-0"	7'-2"	-	-			B6	NOTE 1, NOTE 3
V2	2	G2-PR	AL	3'-0"	7'-0"	-	-	SCL	SB2	AL	15'-0"	7'-2"	-	-			B7	NOTE 3
2nd FLOOR LOW																		
209	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
210	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
211	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
212	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
213	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
214	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
214	2	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
215	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
216	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
217	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
2nd FLOOR HIGH																		
200	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
201	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
202	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
203	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
204	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
205	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
206	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
207	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
208	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
218	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
219	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
3rd FLOOR																		
300	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
301	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
302	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
303	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
304	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
306	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
307	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
308	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B1	NOTE 2
313	1	F	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-				B3	NOTE 2

NOTE 1: EXTERIOR DOORS TO RELIEVE MANUFACTURER'S STANDARD ALUMINUM THERMALLY BROKEN DOOR THRESHOLD, SIZED TO FIT OPENING

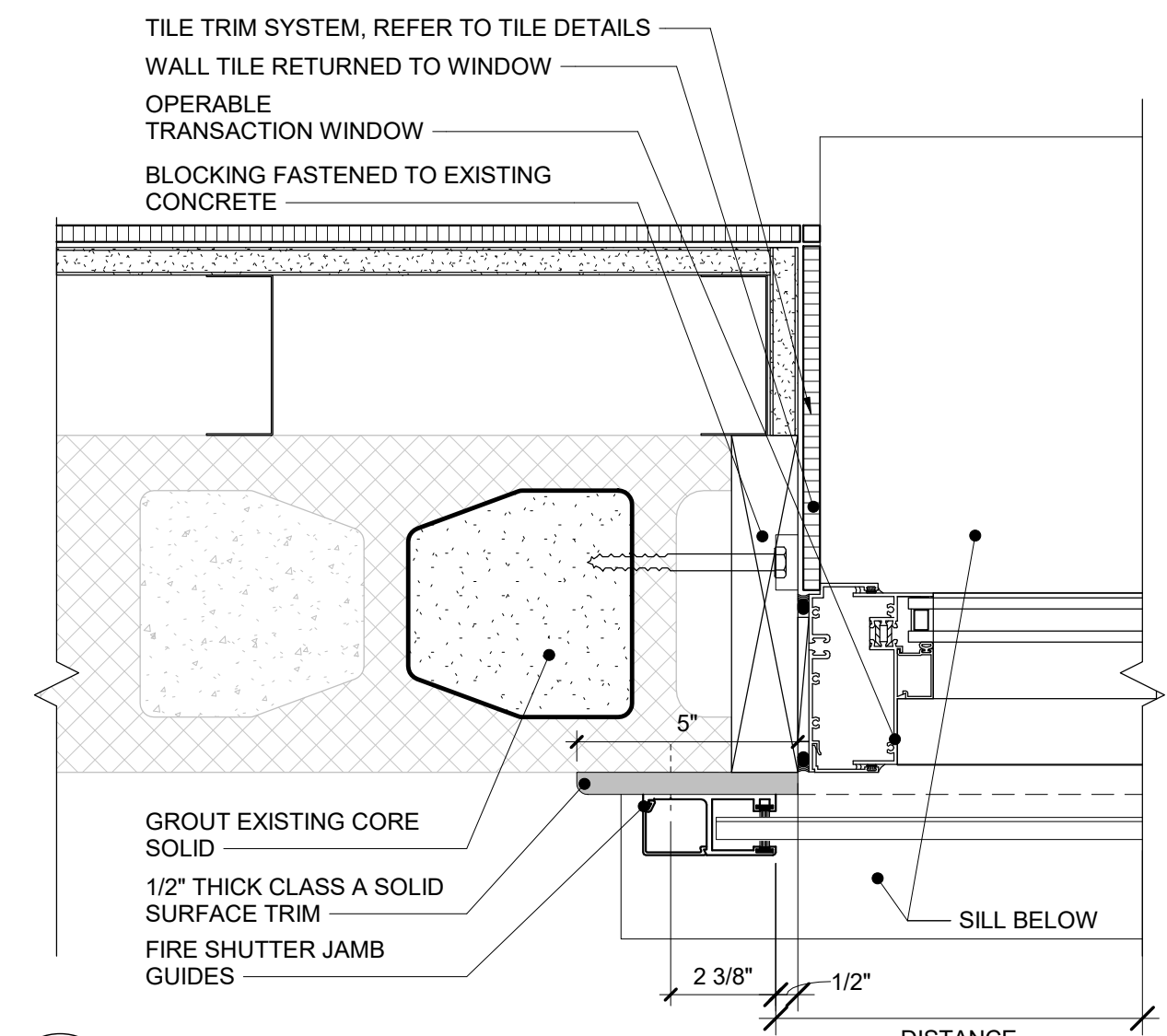
NOTE 2: MODIFICATION LOCK SUPPLIED AND INSTALLED BY STATE CONTRACT - CYLINDERS AND OTHER LISTED HARDWARE BY GENERAL CONTRACT

NOTE 3: REFER TO SECURITY DOCUMENTS FOR ADDITIONAL INFORMATION ON SECURITY HARDWARE

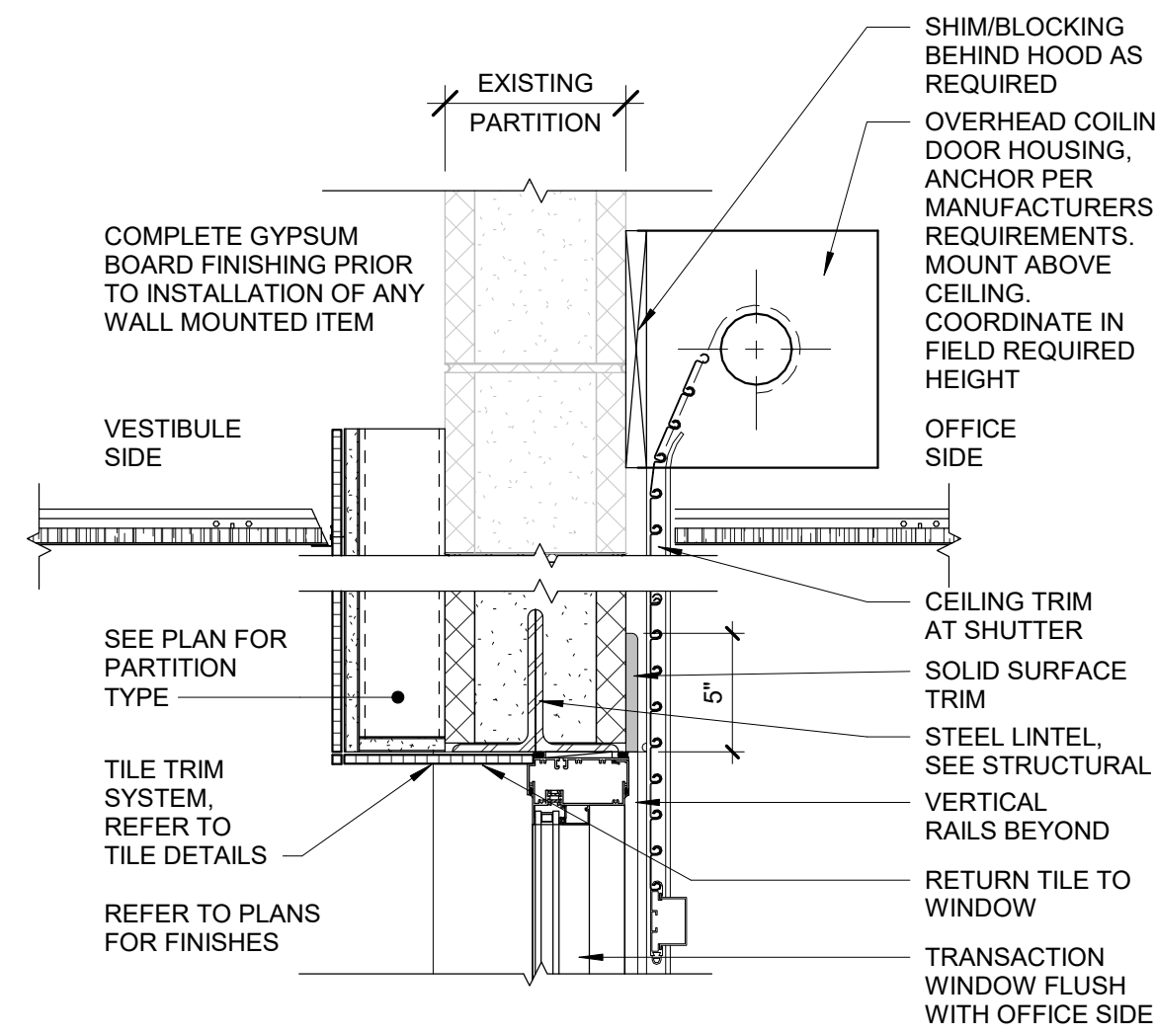
- FOR 4" THICK WALLS
MASONRY OPENING UP TO 6'-4"
LINTEL ANGLE MT 6X5.9
- FOR 6" THICK WALLS
MASONRY OPENING
LINTEL ANGLE
2- L2 1/2X2 1/2X5/16
2- L3X2 1/2X5/16 LLV
2- L3 1/2X2 1/2X5/16 LLV
- FOR 8", 12", AND 16" THICK WALLS:
FOR EACH 4" THICKNESS OF WALL
MASONRY OPENING
LINTEL ANGLE
5'-0" L3 1/2X3 1/2X5/16
6'-0" L4X3 1/2X 5/16 LLV
7'-0" L5X3 1/2X5/16 LLV
8'-0" L6X3 1/2X5/16 LLV
9'-0" L6X3 1/2X5/16 LLV
10'-0" L6X3 1/2X5/16 LLV

LINTEL NOTES

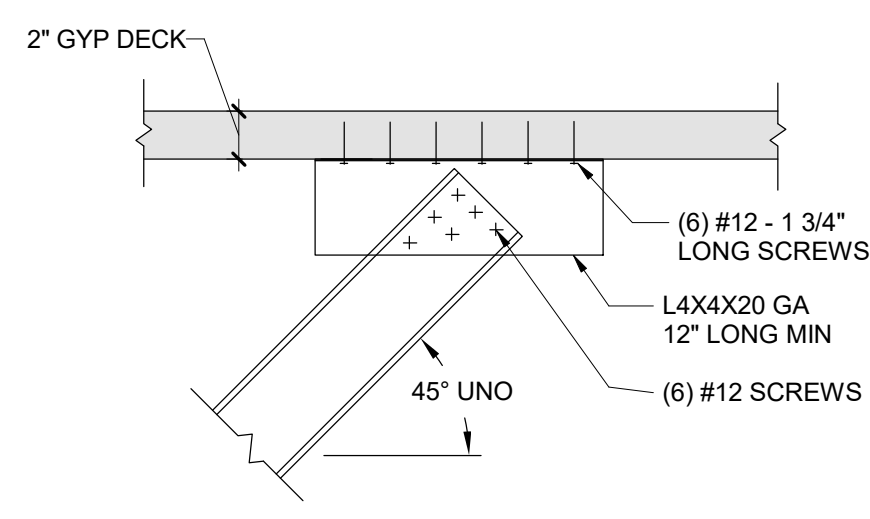
- ALL OPENINGS 1'-0" AND OVER REQUIRE LINTELS.
- STEEL TO BE A36.
- THIS SCHEDULE IS TYPICAL FOR ALL MASONRY OPENINGS IN NON-LOAD BEARING WALLS UNLESS OTHERWISE NOTED.
- ALL LINTELS TO HAVE MINIMUM 8" BEARING BOTH ENDS.
- BACK TO BACK ANGLES ARE TO BE STITCH WELDED TOGETHER BEFORE PLACEMENT.
- ALL LINTELS ARE TO HAVE BOTH ENDS BEAR ON SOLID MASONRY OR SOLIDLY GROUTED HOLLOW MASONRY.
- WHERE MINIMUM 8" BEARING LENGTH CANNOT BE PROVIDED DUE TO COLUMN INTERFERENCE, PROVIDE CONNECTION OF LINTEL TO COLUMN.
- 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.



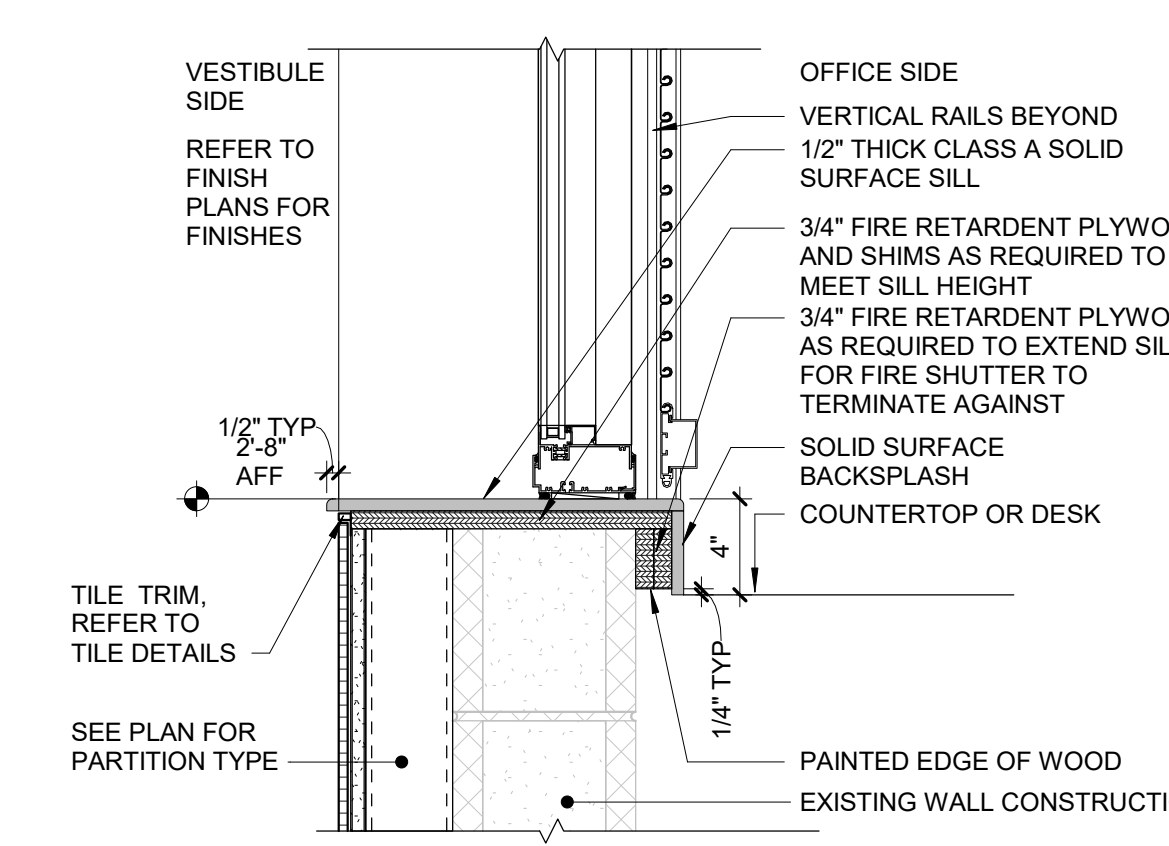
13 Fire Shutter Jamb Detail
3" = 1'-0"



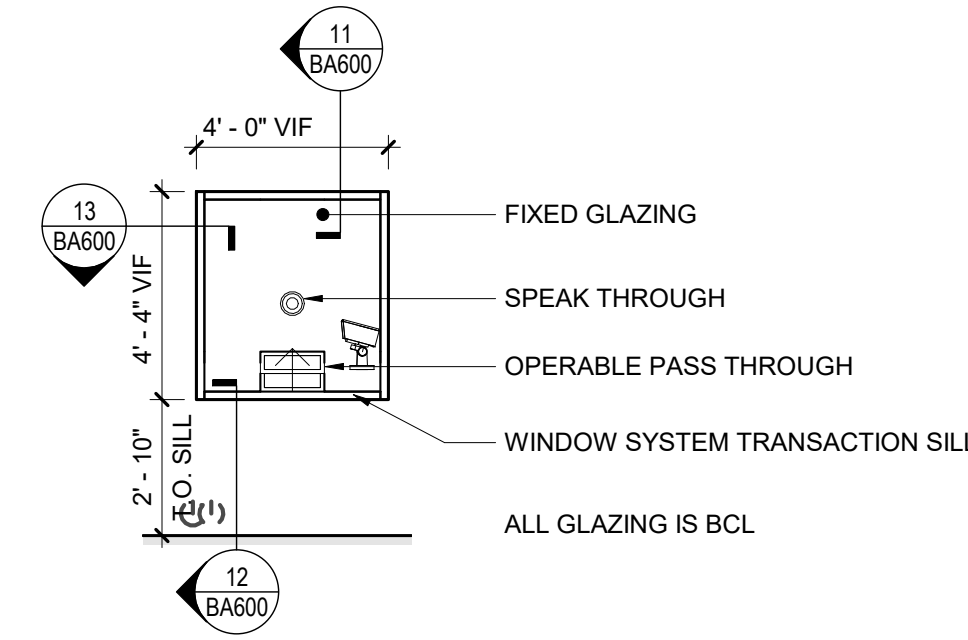
11 Fire Shutter Head Detail
1 1/2" = 1'-0"



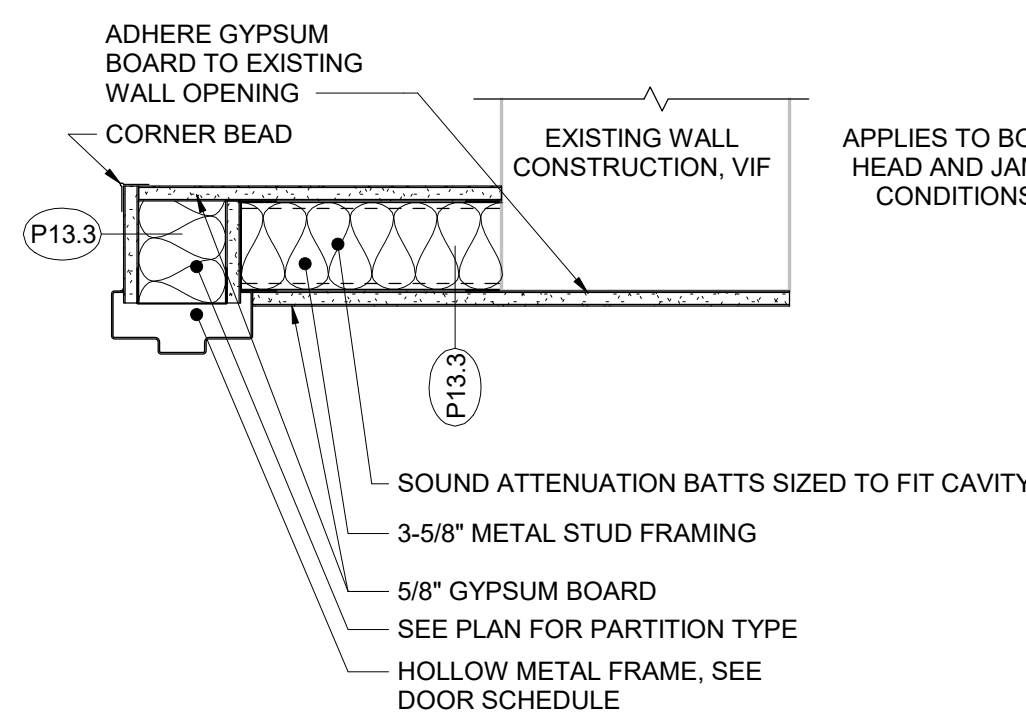
14 Typ CFMF Brace Detail
1 1/2" = 1'-0"



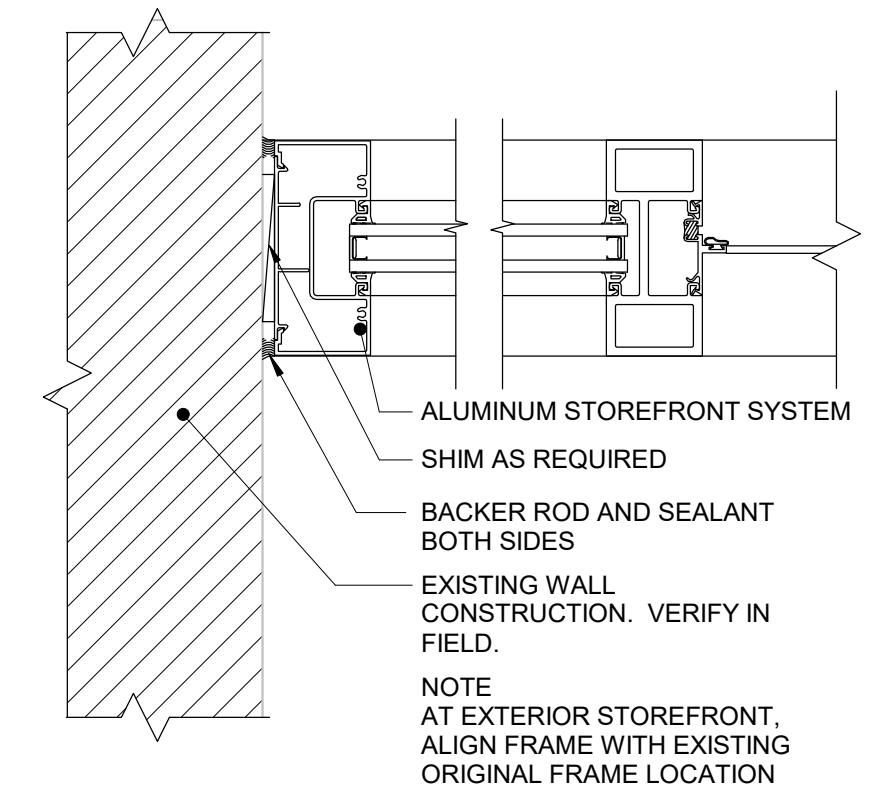
12 Fire Shutter Sill Detail at Transaction Location
1 1/2" = 1'-0"



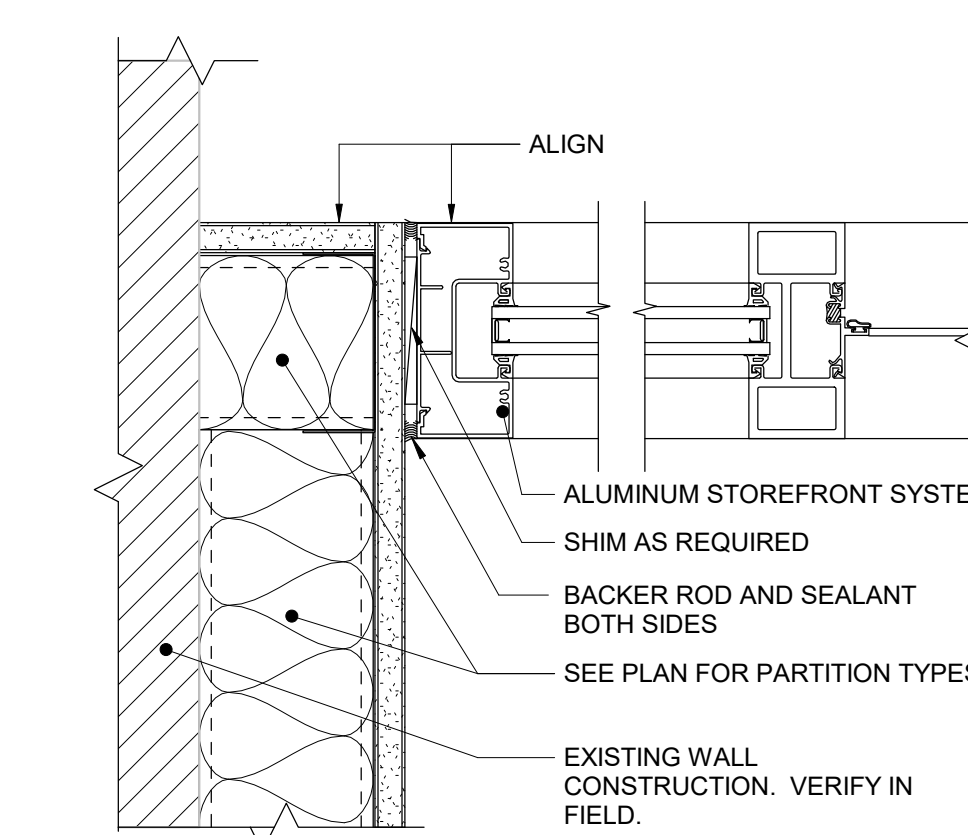
6 Security Window XB1
1/4" = 1'-0"



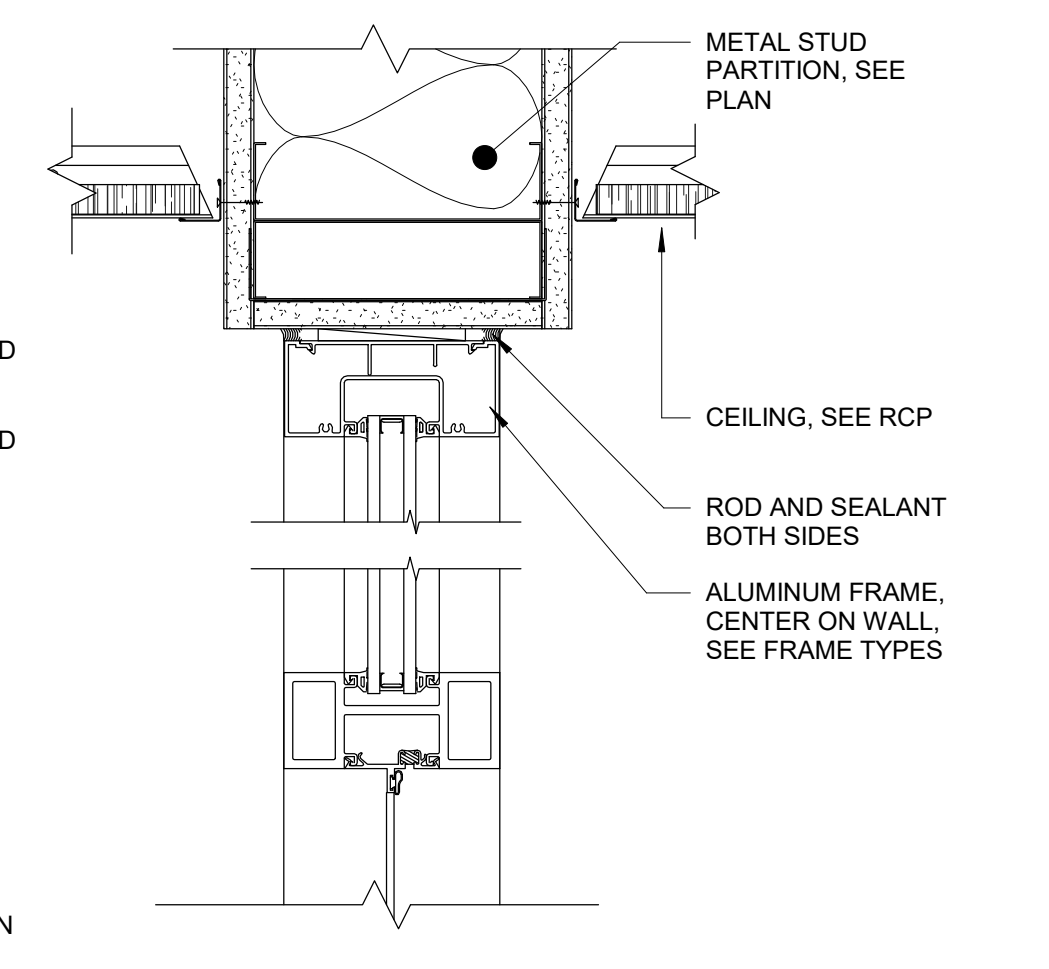
7 Door Pocket Detail
1 1/2" = 1'-0"



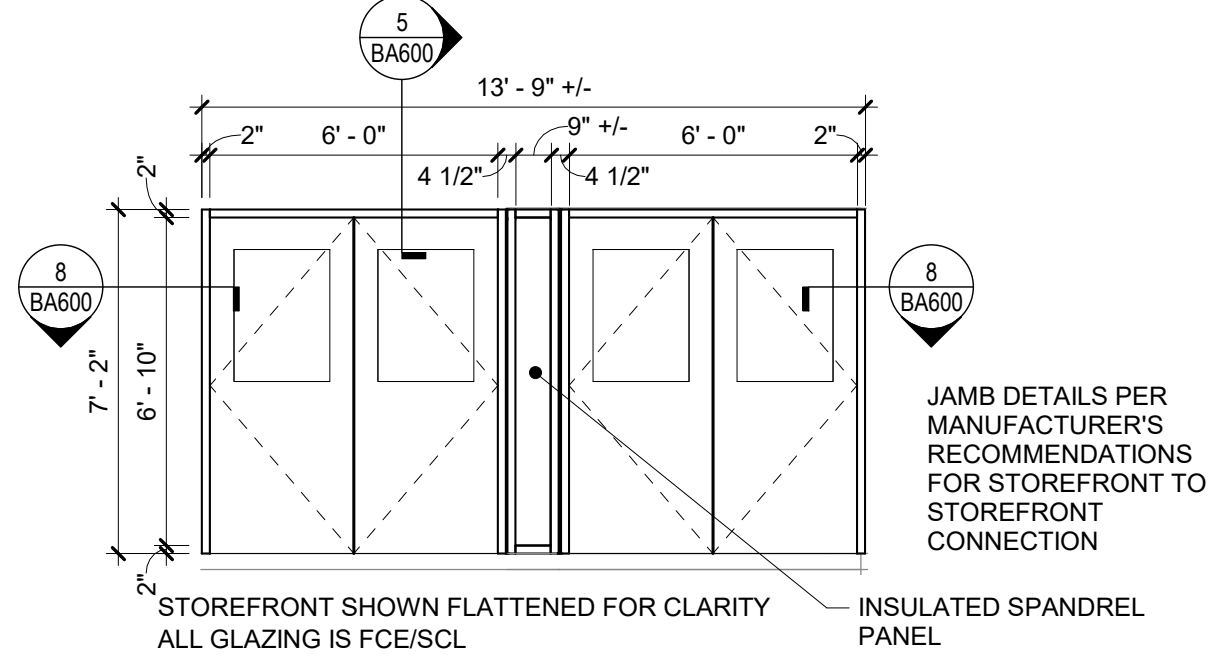
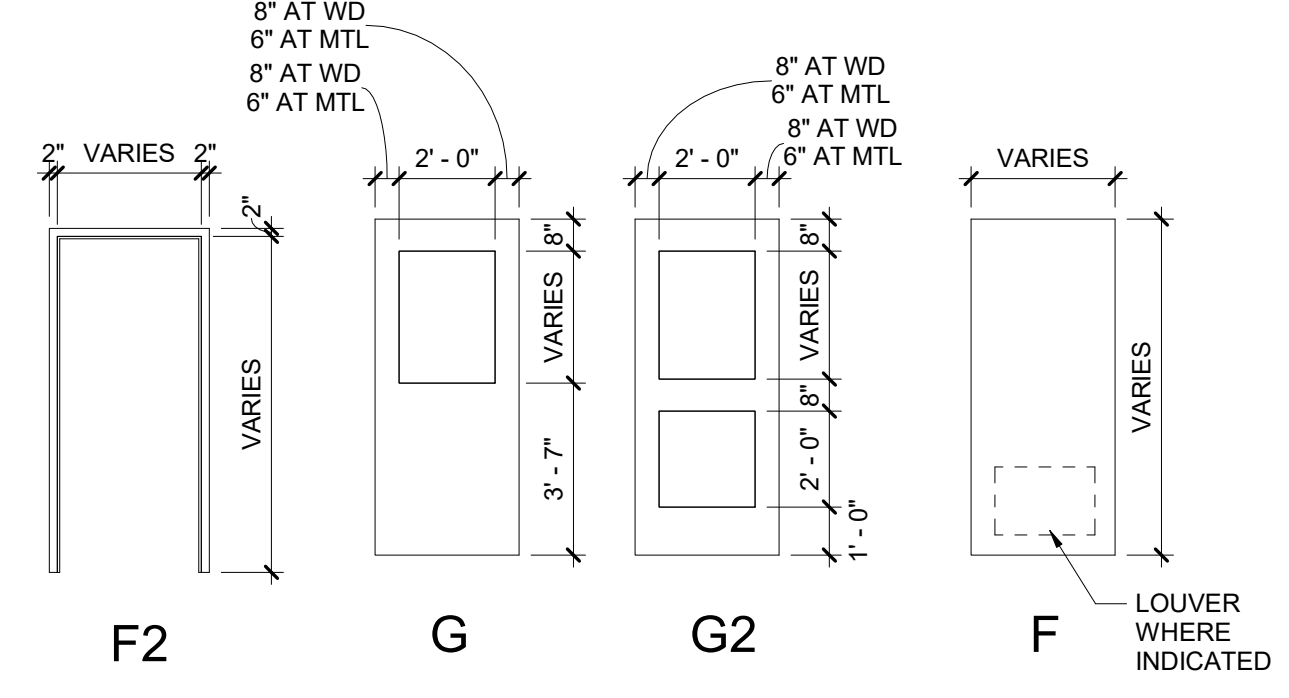
8 Storefront Jamb Detail
3" = 1'-0"



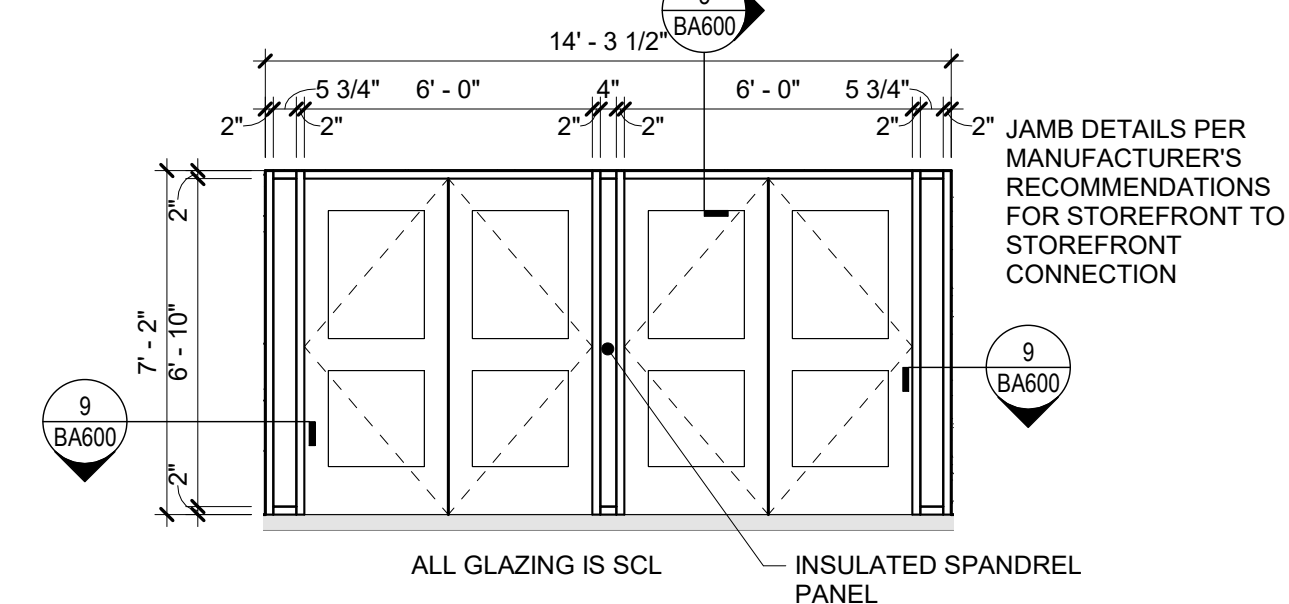
9 Storefront Jamb Detail 2
3" = 1'-0"



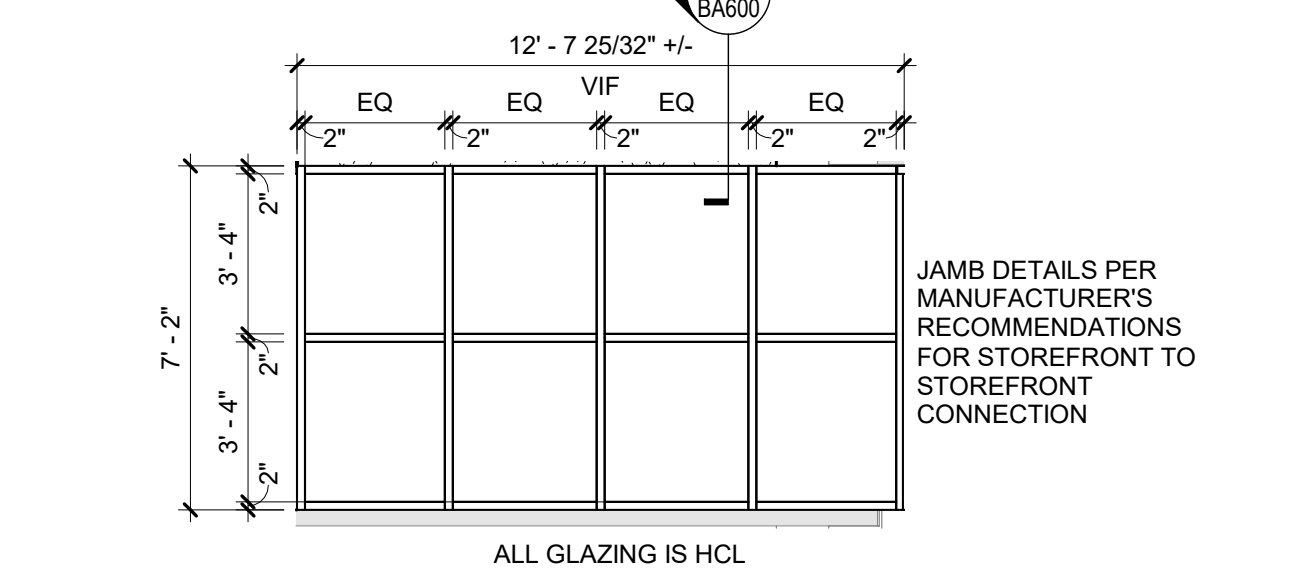
10 Storefront Head Detail
3" = 1'-0"



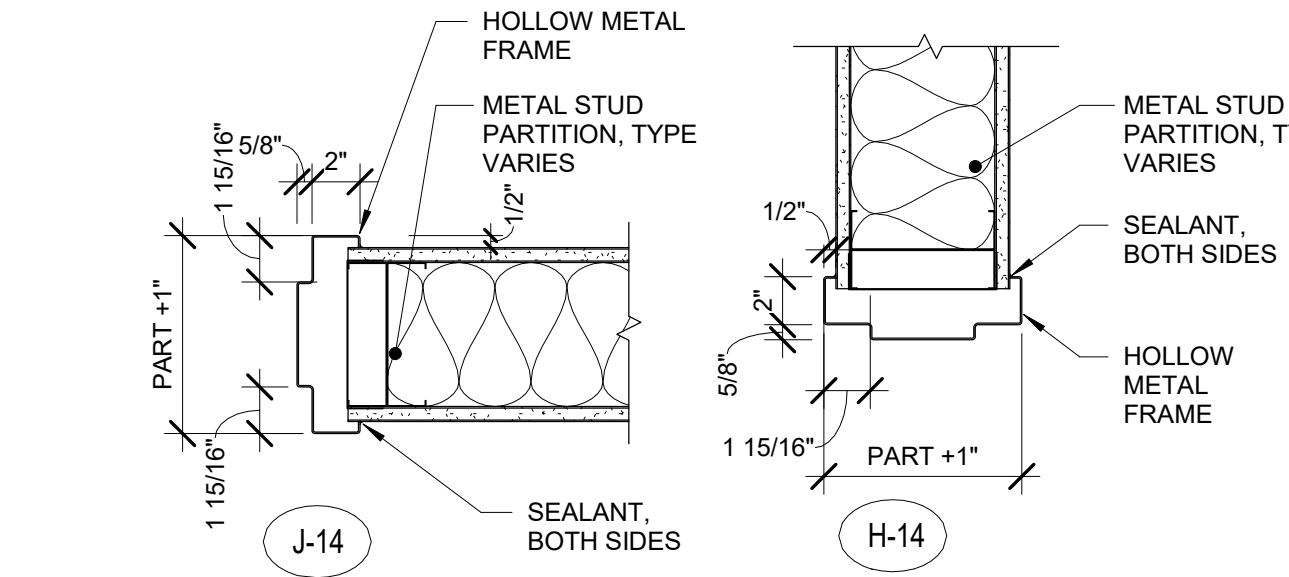
1 STOREFRONT SB1
1/4" = 1'-0"



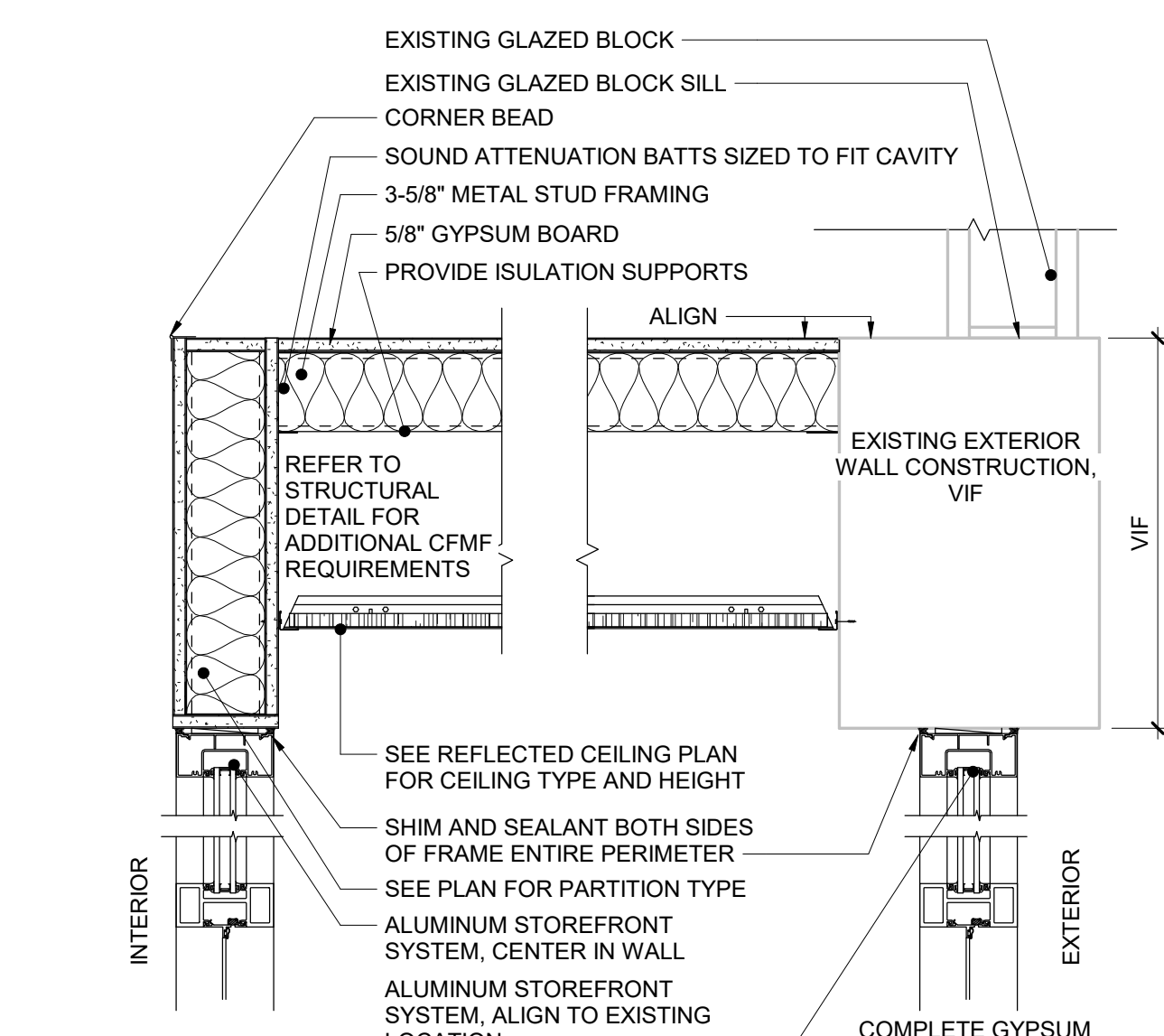
2 STOREFRONT SB2
1/4" = 1'-0"



3 STOREFRONT SB3
1/4" = 1'-0"



4 Hollow Metal Frame Details
1 1/2" = 1'-0"



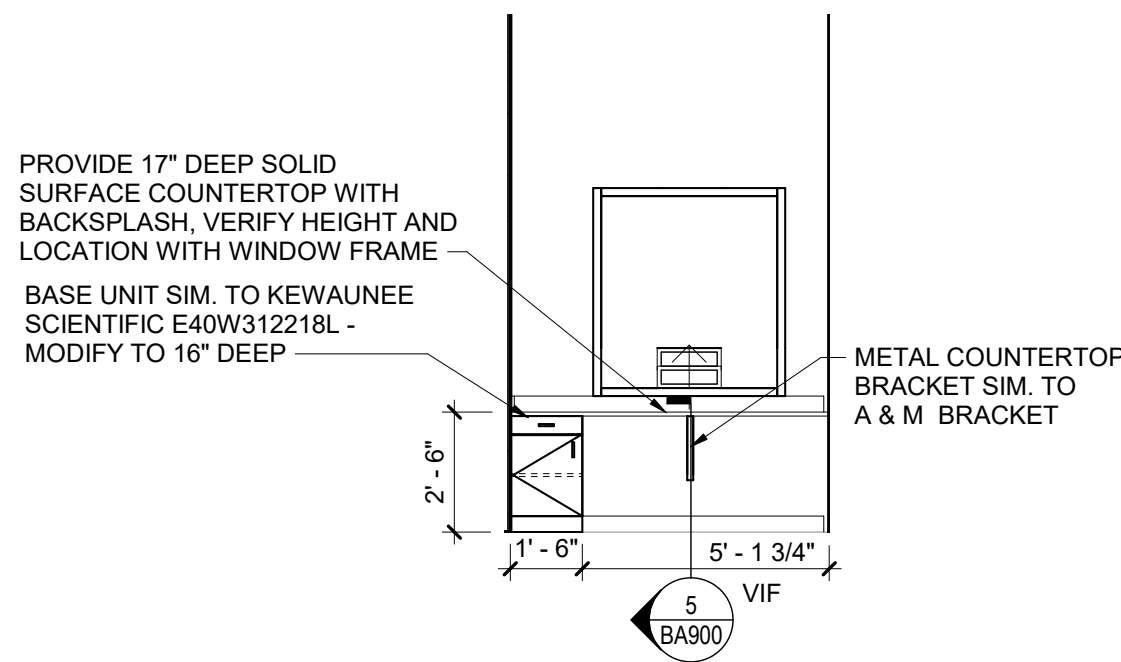
5 Vestibule Ceiling Detail
1 1/2" = 1'-0"

General Door Notes

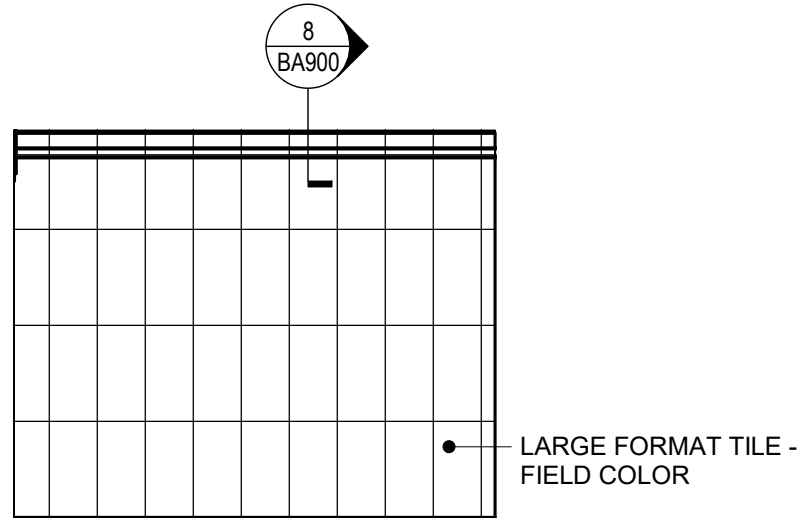
- HARDWARE ON DOORS FROM SPACES OF PUPL, OCCUPANC

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

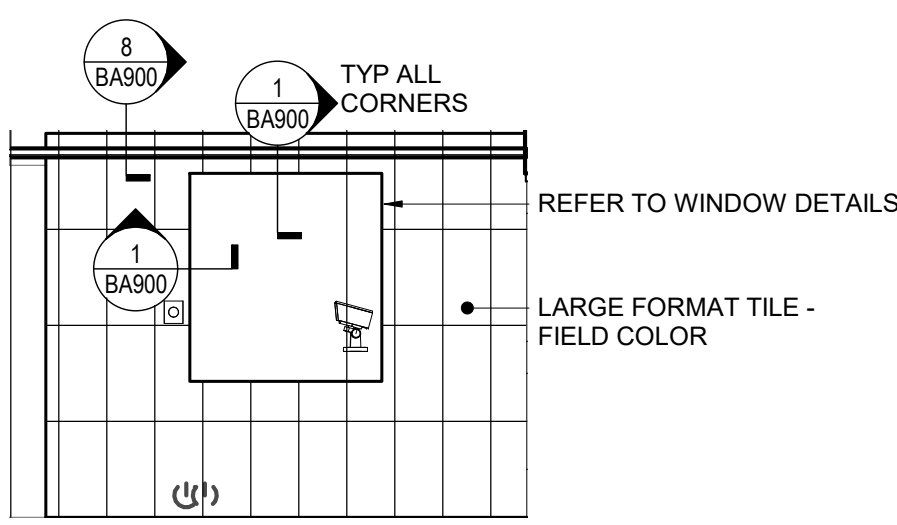
A
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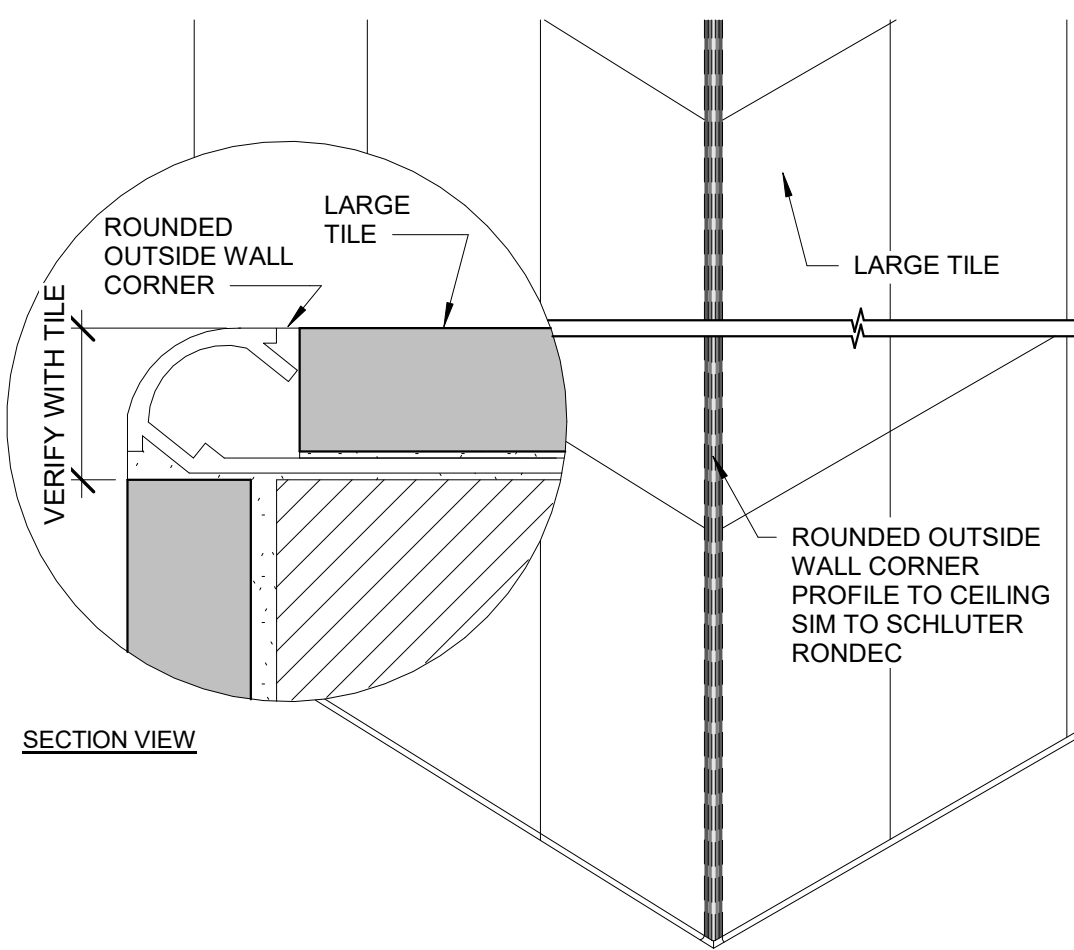
4 Security Office 190
1/4" = 1'-0"



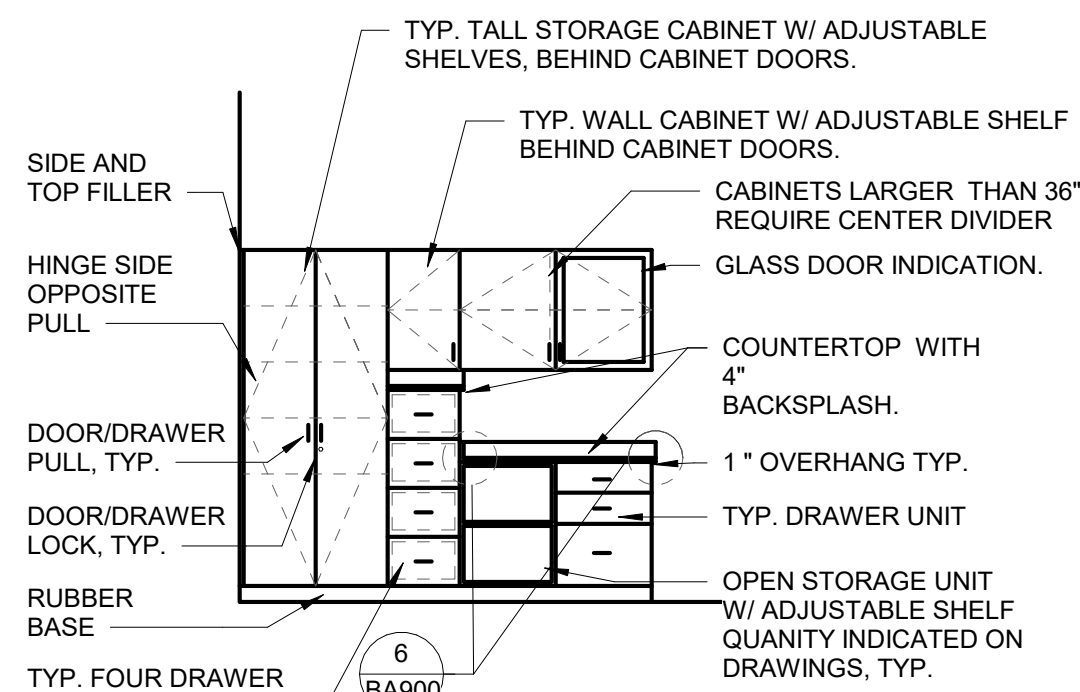
3 Vestibule Tile Elevation
1/4" = 1'-0"



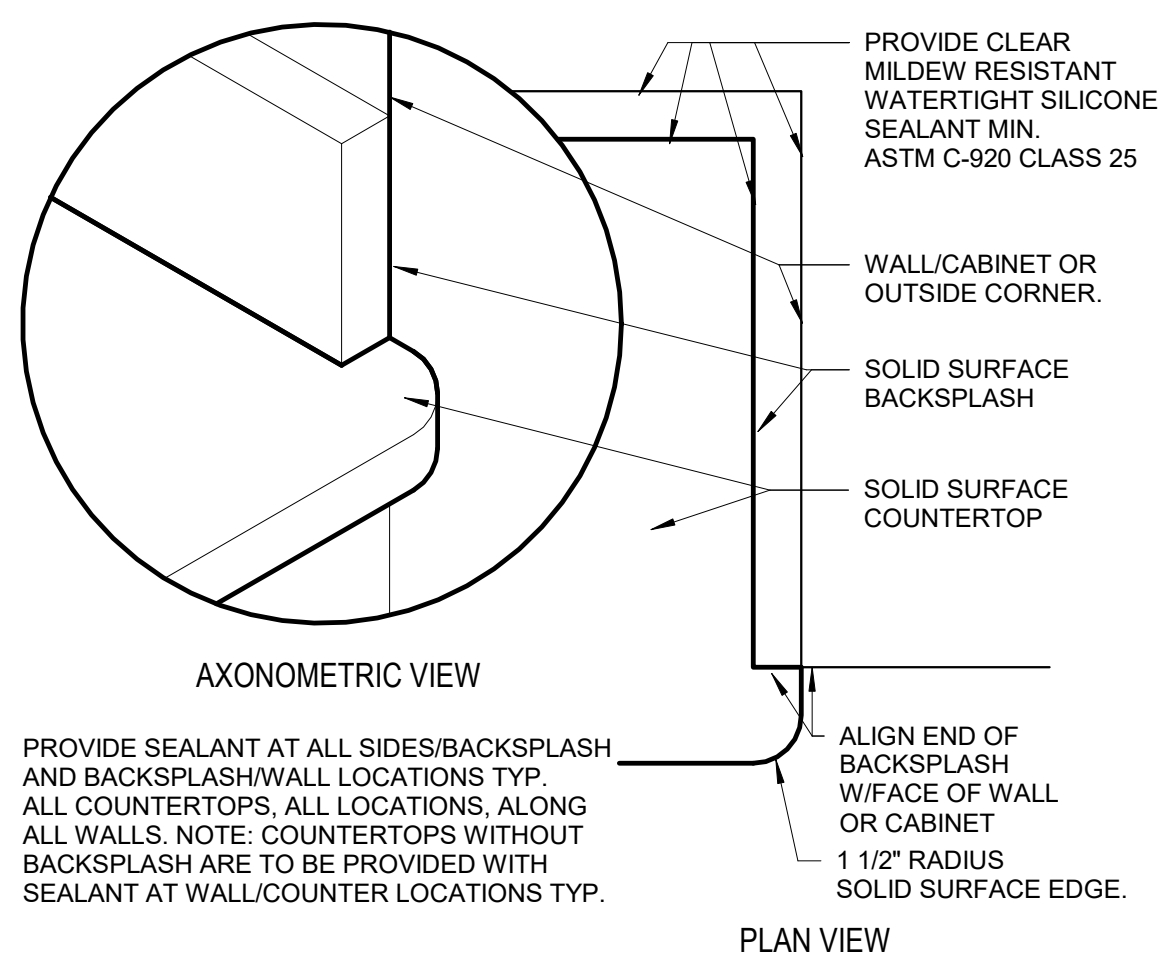
2 Vestibule Tile Elevation
1/4" = 1'-0"



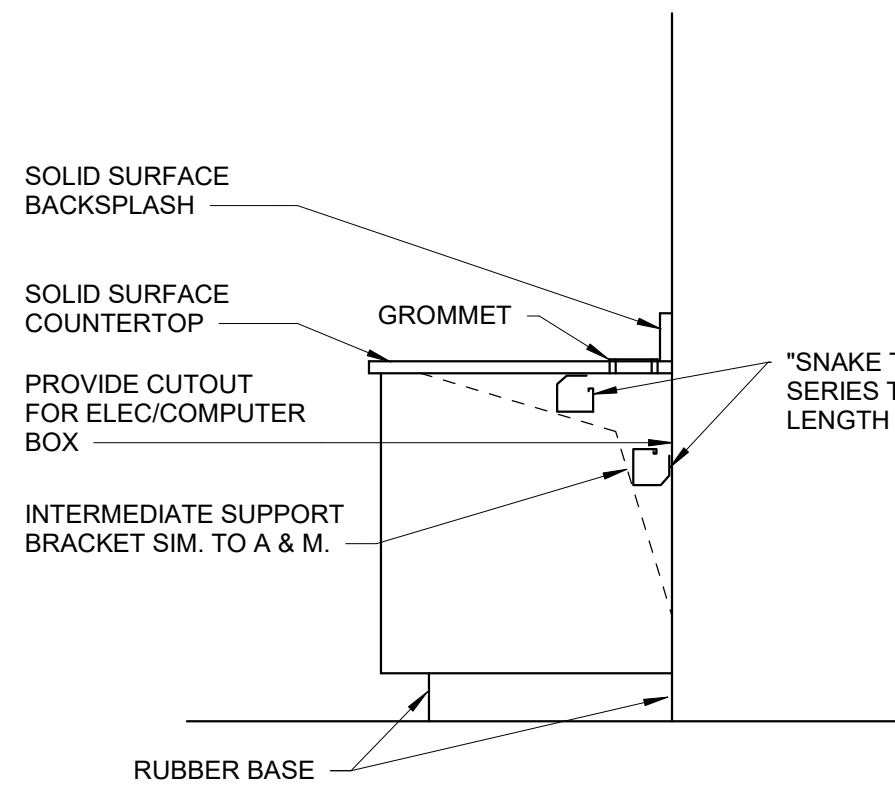
1 Outside Corner/ Rounded Profile
3" = 1'-0"



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



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



5 Counter Detail
3/4" = 1'-0"

General Wood Casework Notes

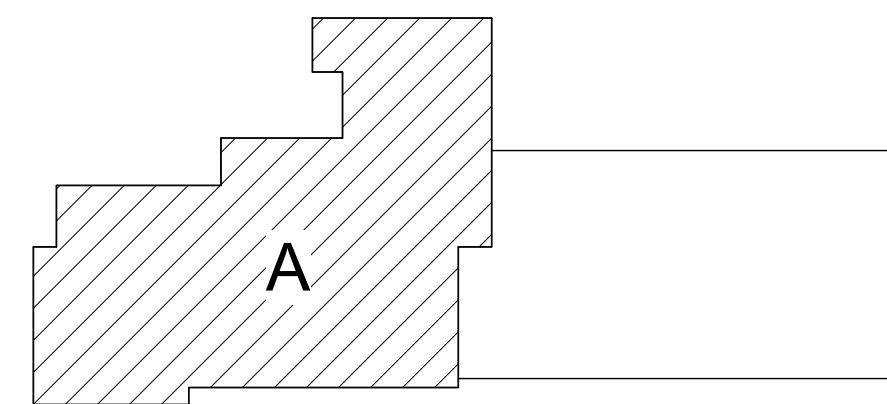
- FOR ALL CONTRACTOR RESPONSIBILITIES REFER TO SPECIFICATION SECTION 01 10 00/01 12 00.
- THE CASEWORK SHOWN ON THE DRAWINGS IS BASED ON KEWAUNEE SCIENTIFIC WOOD CASEWORK. REFER TO THE PROJECT MANUAL, SECTION 12 32 13 FOR DETAILED SPECIFICATIONS.
 - ALL STANDARD CASEWORK DIMENSIONS TO BE MODIFIED TO CORRESPOND WITH THE DIMENSIONS NOTED ON THE DRAWINGS. FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION OF CABINETS.
 - MODEL NUMBERS LISTED ON DRAWINGS APPLY TO ELEVATIONS SHOWN. PROVIDE OPPOSITE HAND MODELS WHERE SHOWN.
 - PROVIDE FULL DEPTH SHELVES AT BASE, WALL AND TALL CABINETS, UNLESS NOTED OTHERWISE.
 - BASE AND TALL CABINETS ARE 22 INCHES DEEP. U N O. WALL CABINETS ARE 14 INCHES DEEP. UNO BASE CABINET DEPTH DOES NOT INCLUDE 1" COUNTERTOP OVERHANG, TYP.
 - 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.
 - ALL COUNTERTOPS TO BE SOLID SURFACE UNLESS NOTED OTHERWISE. BACKSPLASHES TO BE 4" HIGH, TYP. DO NOT PROVIDE BACKSPLASHES AT UV WALL UNLESS NOTED OTHERWISE. PROVIDE CAULK AT ALL JOINTS PROVIDE MARINE EDGE AT LOUVER LOCATIONS, TYP.
 - RADIUS COUNTERTOPS AT SOLID SURFACE 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 4/BA900.
 - PROVIDE CUTS AT ALL CONDITIONS THAT INTERFERE WITH COUNTERTOPS/CABINETS. SCRIBE TO FIT.
 - PROVIDE SHOP DRAWINGS SHOWING LOCATIONS AND DETAILS FOR ALL GRILLES, LOUVERS, REMOVABLE PANELS, VALVE LOCATIONS ECT. ASSOCIATED WITH CASEWORK COORDINATE WITH ALL REQUIRED CONTRACTORS.
 - PROVIDE CABINETS WITH FINISHED SIDES, INCLUDING BUT NOT LIMITED TO, LOCATIONS OF ADJACENT CABINETS OR EQUIPMENT WITH A DEPTH LESS THAN CABINET OR EQUIPMENT.
 - PROVIDE ALL STANDARD FEATURES OF CASEWORK UNITS AS INDICATED BY MODEL NUMBER OR AS SHOWN ON PLANS, DETAILS AND ELEVATIONS, INCLUDING BUT NOT LIMITED TO: OUTLETS, SWITCHES, LIGHTS ETC.
 - 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.
 - PROVIDE LOCKS AT ALL CASEWORK DOORS/DRAWERS AND FILE UNITS TYP.
 - PROVIDE AS NOTED ON DRAWINGS AND DETAILS: 2" GROMMETS AT OPEN BASE COUNTERS 30"/36" OC, WIRE MANAGEMENT, KEY BOARD TRAYS AND CABLE TRAYS.
 - 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.
 - REFER TO BOTH 1/8" AND 1/4" PLANS FOR LAYOUTS.
 - REFER TO SPECIFICATION SECTION 01 23 00 FOR ADDITIONAL INFORMATION REGARDING CASEWORK ALTERNATES.

Signage Notes

- 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.
- ALL PERMANENT ROOMS TO RECEIVE ROOM IDENTIFICATION SYSTEM CONTAINING BOTH TEXT AND ROOM NUMBERS.
- PROVIDE BARRIER-FREE AND TACTILE SIGNAGE AT ALL LOCATIONS REQUIRED BY CODE AND AS SHOWN ON THE ARCHITECTURAL DRAWINGS.
- COORDINATE MOUNTING HEIGHTS AS PER CABO/ANSI A117.1 AND AS PER MANUFACTURER'S RECOMMENDATIONS.
- ALL COLORS TO BE ISSUED DURING CONSTRUCTION.
- PROVIDE SIGNS AS PER SIGNAGE SCHEDULE. AS REQUIRE BY CODE AND SIGNAGE DRAWING.
- REFER TO SPECIFICATIONS SECTION 10 14 00 FOR MORE INFORMATION.

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.
- ALL PAINTS FOR INTERIOR AND EXTERIOR ARE TO BE APPLIED IN ACCORDANCE WITH SPECIFICATION SECTION 09 91 00 AND 09 96 00.
 - ALL EXPOSED STRUCTURES, INCLUDING BUT NOT LIMITED TO PIPING AND FIREPROOFING, CONDUIT, AND ALL ASSOCIATED EQUIPMENT ARE TO BE PAINTED.
 - 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, LADDERS, BEAMS, DOOR/FRAMES - BOTH SIDES GLAZING FRAMES IN DOOR/WALLS. BOTH SIDES, ALL EXPOSED STAIR PARTS INCLUDING RAILINGS, HAND AND GUARD RAILS, STRINGERS AND UNDERSIDES OF STAIRS, ALL ITEMS ARE TO BE ACCENT COLORS.
 - PATTERNS FOR FLOORS AND WALLS ARE AS SHOWN ON DRAWINGS 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.
 - PORCELAIN PAVERS
 - QUARRY TILE
 - TERRAZZO AND BASE
 - CARPET
 - VCT
 - SHEET VINYL
 - LINOLEUM
 - RUBBER
 - FIELD AND ACCENT PAINT AS SHOWN ON DRAWINGS. 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 CLOUDS, ACCENT COLOR
 - SOFFITS, ACCENT COLOR
 - DOOR AND WINDOW FRAMES, ACCENT COLOR
 - EXPOSED COLUMNS, ACCENT COLOR
 - GUARDRAILS, ACCENT COLOR
 - HANDRAILS, ACCENT COLOR
 - EXPOSED DECKS, ACCENT COLOR
 - EXPOSED JOISTS, ACCENT COLOR
 - EXPOSED DUCTWORK, ACCENT COLOR
 - PAINT MECHANICAL ROOM FLOOR CURBS CAUTION YELLOW.
 - PROVIDE PAINT AT ALL NEW SOFFITS, REFER TO REFLECTIVE CEILING PLANS FOR ADDITIONAL LOCATIONS.
 - ALL EXPOSED BRICK, GROUND FACE BLOCK IS TO REMAIN UNPAINTED, UNO.
 - CONFIRM WITH OWNER AND ARCHITECT PRIOR TO PAINTING OVER MURALS ON EXISTING SURFACES.
 - CERAMIC WALL TILE IS TO RUN FLOOR TO CEILING UNO.
 - PROVIDE PAINT AND RUBBER BASE AT ALL NEW CHASES, REFER TO NEW WORK PLANS FOR ADDITIONAL LOCATIONS.
 - REFER TO STRUCTURAL DRAWINGS FOR LOCATIONS OF SLAB DEPRESSIONS. REFER TO FINISH MATERIAL SPECIFICATION SECTIONS FOR SLAB DEPRESSION DEPTH REQUIREMENTS.
 - REFER TO STRUCTURAL DRAWINGS FOR LOCATIONS OF SLAB DEPRESSIONS. REFER TO FINISH MATERIAL SPECIFICATION SECTIONS FOR SLAB DEPRESSION DEPTH REQUIREMENTS.
 - CARPET IS TO RUN WALL TO WALL, UNDER ALL FURNITURE, MOVEABLE EQUIPMENT AND LIBRARY SHELVING UNITS, INCLUDING ALL UNITS AT THE PERIMETER WALLS.
 - 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.
 - FIELD VERIFY ALL CONTROL JOINTS LOCATIONS IN CONCRETE SLAB. LOCATE CONTROL JOINTS IN EXISTING 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.
 - PROVIDE ALL FINISHES AS INDICATED BY ROOM FINISH BOX AND/OR AS NOTED ON DRAWINGS.



Key Plan
N.T.S.

S.E.D. Control No. 62-18-01-06-0-002-014

Rev. No.: Date: Description:



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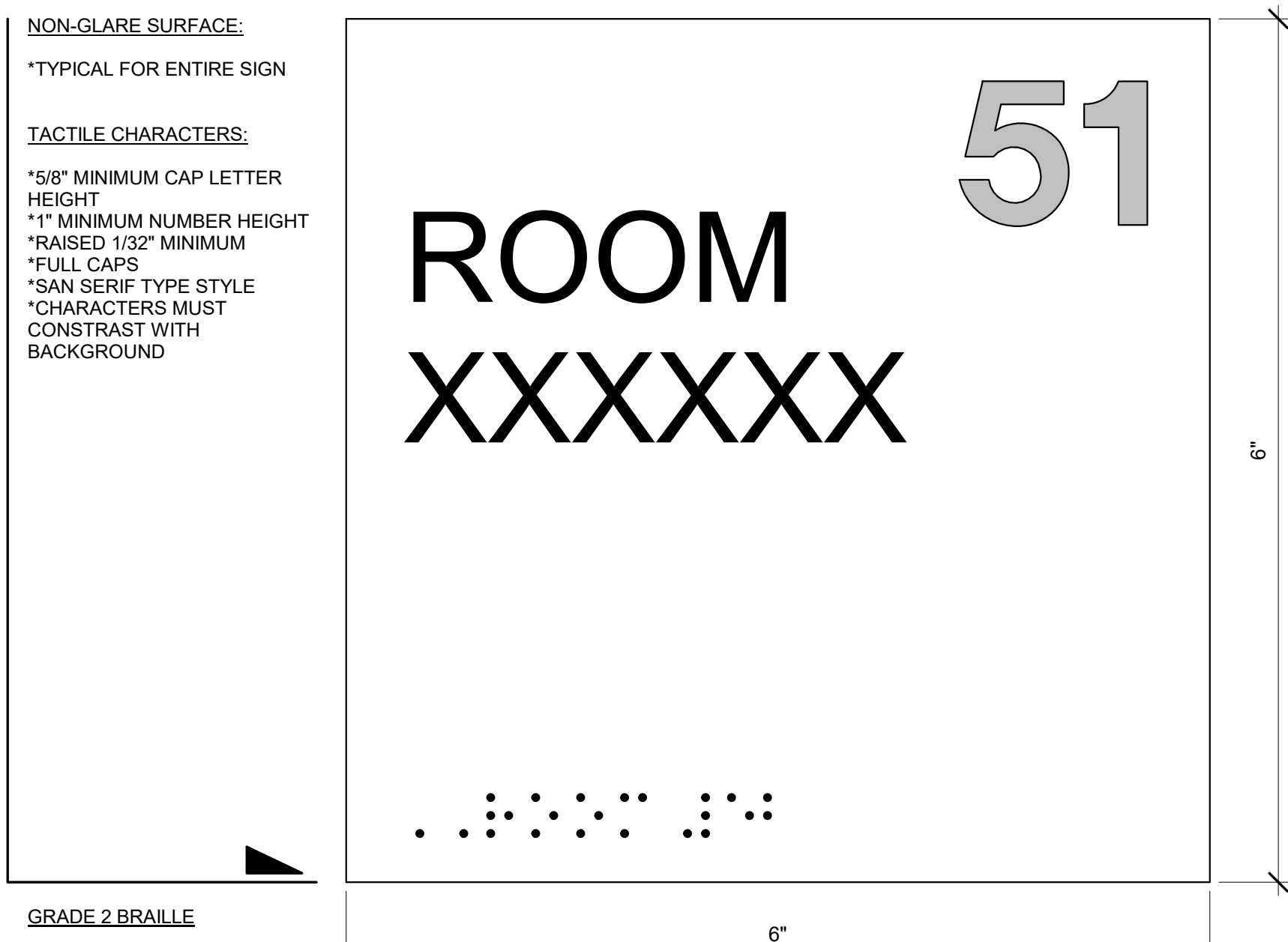


Wallkill Central School District
Wallkill, New York

Reconstruction to:
John G. Borden Middle School

Interior Elevations, Casework Details
and Signage

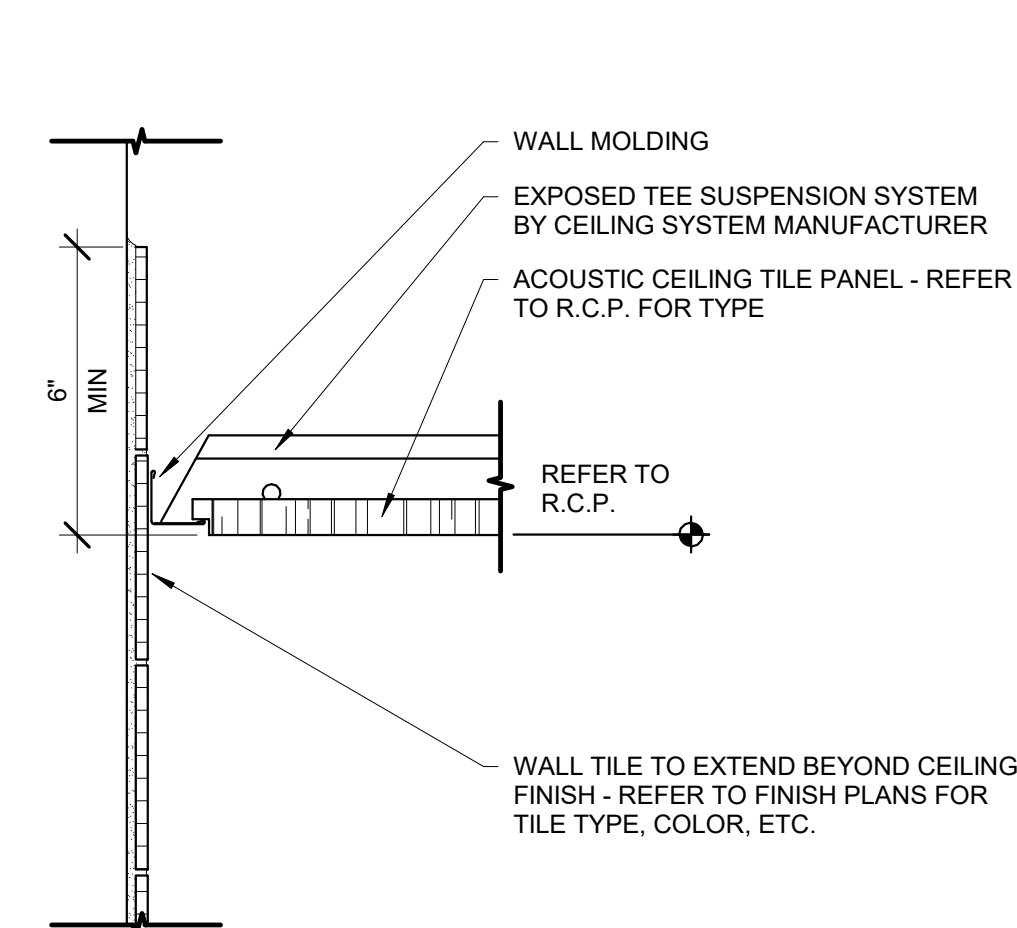
Drawn By: TTAE Date: 11/4/2022 Drawing Number:
Project No.: 17597-22001
BA900



10 Typical Permanent Room Plaque
12" = 1'-0"



9 Typical Maximum Occupancy Plaque
3" = 1'-0"



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

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

FLOOR CONSTRUCTION
FAILURE TO MEET MINIMUM FLOOR REQUIREMENTS COULD REQUIRE ALTERNATE FASTENING METHODS, INCLUDING ADDITIONAL INSTALLATION LABOR, PARTS, AND TIME. EXTRA COSTS ARE NOT THE RESPONSIBILITY OF IRWIN SEATING COMPANY. IN ADDITION, THE INSTALLATION FASTENER WARRANTY MAY BE VOIDED.

MINIMUM CONCRETE REQUIREMENTS
NEW CONCRETE:
- CONCRETE MUST HAVE MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI
- STRUCTURAL LIGHT WEIGHT CONCRETE REQUIRES A MINIMUM OF 5000 PSI WITH A DRY WEIGHT OF 90-115 LBS PER CUBIC FOOT
PRE-EXISTING/OLD CONCRETE:
- CONCRETE SHOULD BE TESTED TO VERIFY THAT MINIMUM REQUIREMENTS CAN BE MET
- PLEASE CONTACT IRWIN SEATING COMPANY IF ASSISTANCE IS NEEDED

FLOOR MOUNTING
- 3" MINIMUM THICKNESS WITH A SURFACE 1-1/2" FREE OF REBAR
- 2" OF ANCHOR EMBEDMENT IS REQUIRED FOR MAXIMUM HOLDING STRENGTH
- CONCRETE FLOORS TO BE SMOOTH (FREE FROM DIPS)

STANDARD POUR
MIN 1-1/2" (38mm)
MIN 3" (76mm)

PAN POURED CONCRETE
MUST HAVE A MINIMUM OF 3" OF THICKNESS FROM THE HIGHEST POINT OF CORRUGATION AND BE FREE FROM OBSTRUCTIONS
MIN 3" (76mm)

RISER MOUNTING
- 4" MINIMUM THICKNESS WITH 2-1/2" FREE FROM OBSTRUCTIONS FROM THE RISER FACE
- 2 1/2" OF ANCHOR EMBEDMENT IS REQUIRED FOR MAXIMUM HOLDING STRENGTH
MIN 4" (102mm)
MIN 2-1/2" (64mm)

- RISER FACE TO BE PLUMB, ±1/8" OVER TOTAL HEIGHT OF RISER 1/3"
+1/8"

NOTE: FILLETS OR CHAMFERS AT RISER CORNERS COULD INTERFERE WITH THE USE OF STANDARD PRODUCT RISER MOUNT CHAIRS. IF RISER CONDITIONS VARY FROM DETAIL SHOWN ABOVE, CONTACT IRWIN SEATING COMPANY.

ANCHOR ATTACHMENT HARDWARE
SEE IRWIN SEATING COMPANY INSTALLATION AND USER MANUAL

'SPECIAL PRODUCT' NOTES:
(FOR INTERNAL USE ONLY)

NO SPECIAL PRODUCT NOTES REQUIRED

CHAIR SYMBOL DETAIL
RIGHT AND LEFT HAND ORIENTATION IS ALWAYS REFERENCED AS SEATED IN CHAIR

RIGHT END STANDARD LEFT END STANDARD

CHAIR SIZE IF SHOWN

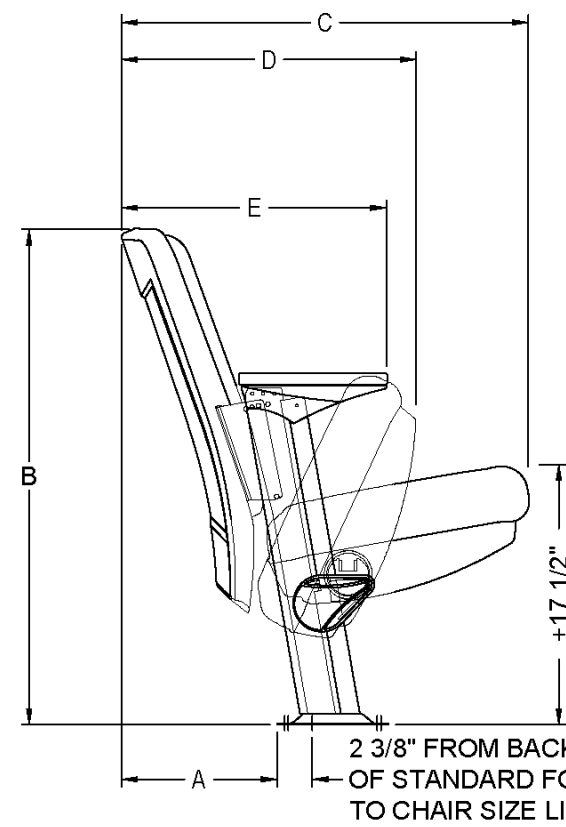
ROW LENGTH - SUM OF THE CHAIR SIZES AND END ALLOWANCE FOR EACH END

ROW DESIGNATION (LETTER) PLATE

SEAT SEAT DESIGNATION (NUMBER) PLATE

SYMBOLS SHOWN IN THIS DETAIL ARE FOR REFERENCE ONLY, AND MAY NOT BE APPLICABLE TO THE SEATING LAYOUT SHOWN.

90.12.00.4 - CITATION FLOOR MOUNT CHAIRS
3/4 FOLD SEAT
FLAT WOOD AISLE ARMRESTS
FLAT WOOD CENTER ARMRESTS

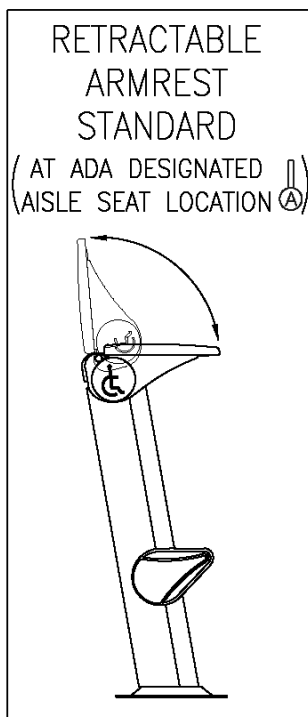


EXPLANATION OF DIMENSIONS
A = BACK PITCH ALLOWANCE FROM BACK EDGE OF STANDARD FOOT
B = BACK HEIGHT
C = SEAT IN DOWN POSITION
D = SEAT IN UP POSITION
E = FRONT EDGE OF ARMREST ON END/CENTER STANDARD

BACK PITCHES AVAILABLE					
	9'	11'	13'	15'	19'
A	7 3/8"	7 7/8"	8 5/8"	9 1/4"	10 1/2"
B	34 3/4"	34 5/8"	34 1/4"	34"	33 3/8"
C	24 1/4"	24 7/8"	25 5/8"	26 1/4"	27 1/2"
D	16 3/4"	17 1/4"	18"	18 5/8"	19 7/8"
E	14 3/4"	15 1/4"	16"	16 5/8"	17 7/8"

CURRENT LAYOUT

END STANDARD END ALLOWANCES:
2" FOR EACH END STANDARD



ACCESSORY LEGEND		
SYMBOL	ACCESSORY DESCRIPTION	QTY.
	ROW TAGS: LPI 2" RD BRONZE - END PANEL	PER PRINT
	SEAT TAGS: LPI OVAL BRONZE - SEAT	PER PRINT
Ⓐ	ADA DESIGNATED AISLE SEAT (WITH RETRACTABLE ARMREST)	3



3251 FRUIT RIDGE AVE. NW
GRAND RAPIDS, MI 49544
PHONE: 866-GO IRWIN
FAX: 616-574-7411
WWW.IRWINSEATING.COM

COMPLIANCE WITH THE REQUIRED LOCAL, NATIONAL BUILDING, ADA, AND SAFETY CODES IS THE EXCLUSIVE RESPONSIBILITY OF THE OWNER/ARCHITECT/CONTRACTOR. SEATING LAYOUT DRAWINGS ARE BASED ON CODE REQUIREMENTS FOR ASSEMBLY SEATING AS FOUND IN INTERNATIONAL BUILDING CODE(IBC) AND ADA CODE. CODE INFORMATION ABOVE IS OFFERED FOR INFORMATIONAL PURPOSES ONLY. IRWIN SEATING COMPANY TAKES NO RESPONSIBILITY FOR CODE INTERPRETATION OR COMPLIANCE.

RELEASE / REVISION	BY	DATE
A INITIAL RELEASE	SB	8/02/22

CHAIR SUMMARY	
90.12.00.4 FLOOR MOUNT	
19" CHAIRS	- 175
20" CHAIRS	- 183
21" CHAIRS	- 78
TOTAL	- 436

PROSPECT DRAWING NOTE:

IRWIN SEATING COMPANY MAY NOT HAVE INCLUDED ALL ACCESSORIES AND/OR ADA REQUIREMENTS THAT WERE REQUESTED AT THIS STAGE. CHAIR SIZES/QUANTITIES ARE ESTIMATED AND ARE SUBJECT TO CHANGE BASED ON ACTUAL FIELD DIMENSIONS AND/OR OTHER INFORMATION PROVIDED TO IRWIN SEATING COMPANY.

PROJECT NOTES:

① TIGHT BACK TO BACK SPACING, ENTRY/EXIT INTO ROWS WHILE PERSONS ARE SITTING WILL BE DIFFICULT, AND LEG/KNEE ROOM WILL BE UNCOMFORTABLE WHILE SITTING.

ADA CODE WILL REQUIRE 6 WHEELCHAIR SPACES, ON LEVEL FLOORING. EACH WHEELCHAIR SPACE REQUIRES A SHOULDER ALIGNED COMPANION CHAIR AT THE SAME ELEVATION AS THE WHEELCHAIR SPACE. PLEASE PROVIDE DESIRED LOCATIONS. CHAIR QUANTITIES MAY BE AFFECTED.

ADA DESIGNATED AISLE SEATS WITH RETRACTABLE ARMREST ARE SHOWN AT SUGGESTED LOCATIONS FOR ADA CODE COMPLIANCE. PLEASE REVIEW AND ADVISE.

CHAIR NUMBER/LETTER SCHEME SHOWN IS SUGGESTED. CUSTOMER MAY REQUEST AN ALTERNATE SCHEME. NOTE LETTERS "I" AND "O" CURRENTLY ARE NOT USED IN ROW LETTERING SCHEME SHOWN.

IF PROJECT BECOMES AN ORDER, ALL BUILDING DIMENSIONS AND FLOOR ELEVATIONS WILL NEED TO BE PROVIDED AND/OR FIELD VERIFIED.

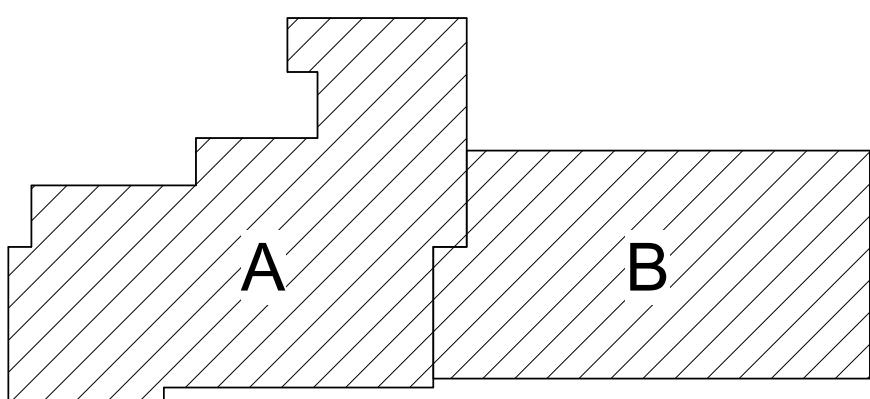
PRELIMINARY

DESIGN INTENT OF CHAIRS IS TO BE MOUNTED TO: CONCRETE

JOHN G. BORDEN MIDDLE SCHOOL
109 BONA VENTURA AVE.
WALLKILL, NY

ORIGINATED BY: STEVEN BANKS
CONTACT INFORMATION
E-MAIL: steven.banks@irwinseating.com
PHONE: (616) 333-0502

PROJECT NUMBER
P43900
SHEET: 1 OF 2



Key Plan
N.T.S.

S.E.D. Control No. 62-18-01-06-0-002-014

Rev. No.	Date	Description



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BID SET

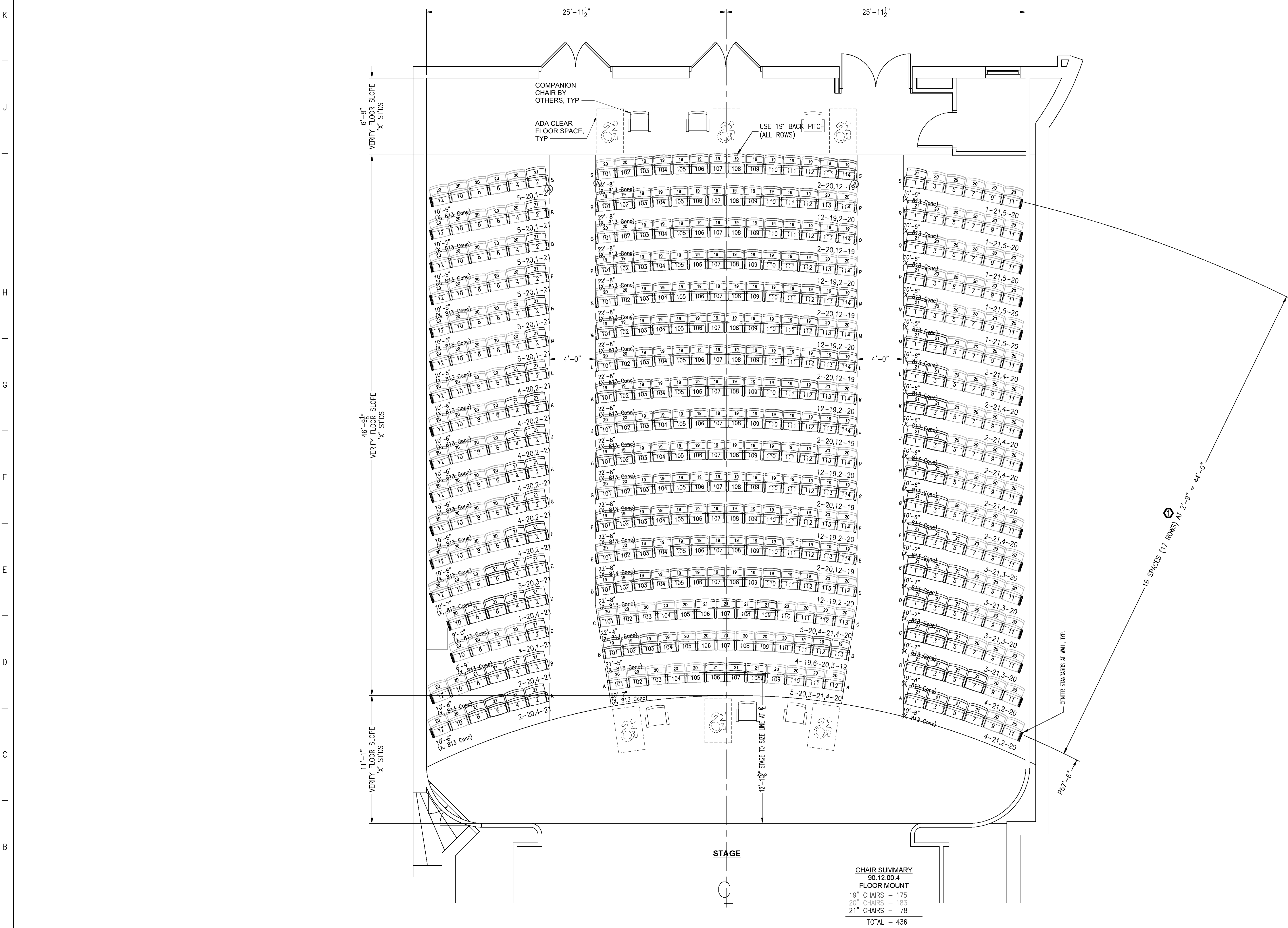


Wallkill Central School District
Wallkill, New York

Reconstruction to:
John G. Borden Middle School

Auditorium Details

Drawn By: Irwin Seating	Date: 11/4/2022	Drawing Number:
Project No.: 17597-22001	BA920	



Irwin Seating Company
3251 FRUIT RIDGE AVE. NW
GRAND RAPIDS, MI 49544
PHONE: 866-GO IRWIN
FAX: 616-574-7411
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RELEASE / REVISION	BY	DATE
A INITIAL RELEASE	SB	8/02/22

PROSPECT DRAWING NOTE:

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PROJECT NOTES:

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IF PROJECT BECOMES AN ORDER, ALL BUILDING DIMENSIONS AND FLOOR ELEVATIONS WILL NEED TO BE PROVIDED AND/OR FIELD VERIFIED.

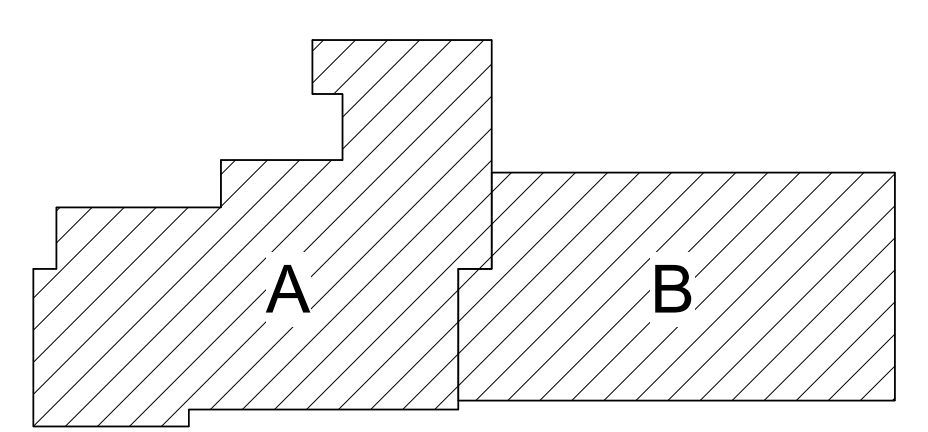
PRELIMINARY

DESIGN INTENT OF CHAIRS IS TO BE MOUNTED TO:
CONCRETE

JOHN G. BORDEN MIDDLE SCHOOL
109 BONA VENTURA AVE.
WALKILL, NY

ORIGINATED BY: STEVEN BANKS
CONTACT INFORMATION
E-MAIL: steven.banks@irwinseating.com
PHONE: (616) 333-0302
SCALE: 1/4" = 1'-0"

PROJECT NUMBER
P43900
SHEET: 2 OF 2



Key Plan
N.T.S.

S.E.D. Control No. 62-18-01-06-0-002-014

Rev. No.	Date	Description



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& Landscape Architects, P.C.

BID SET



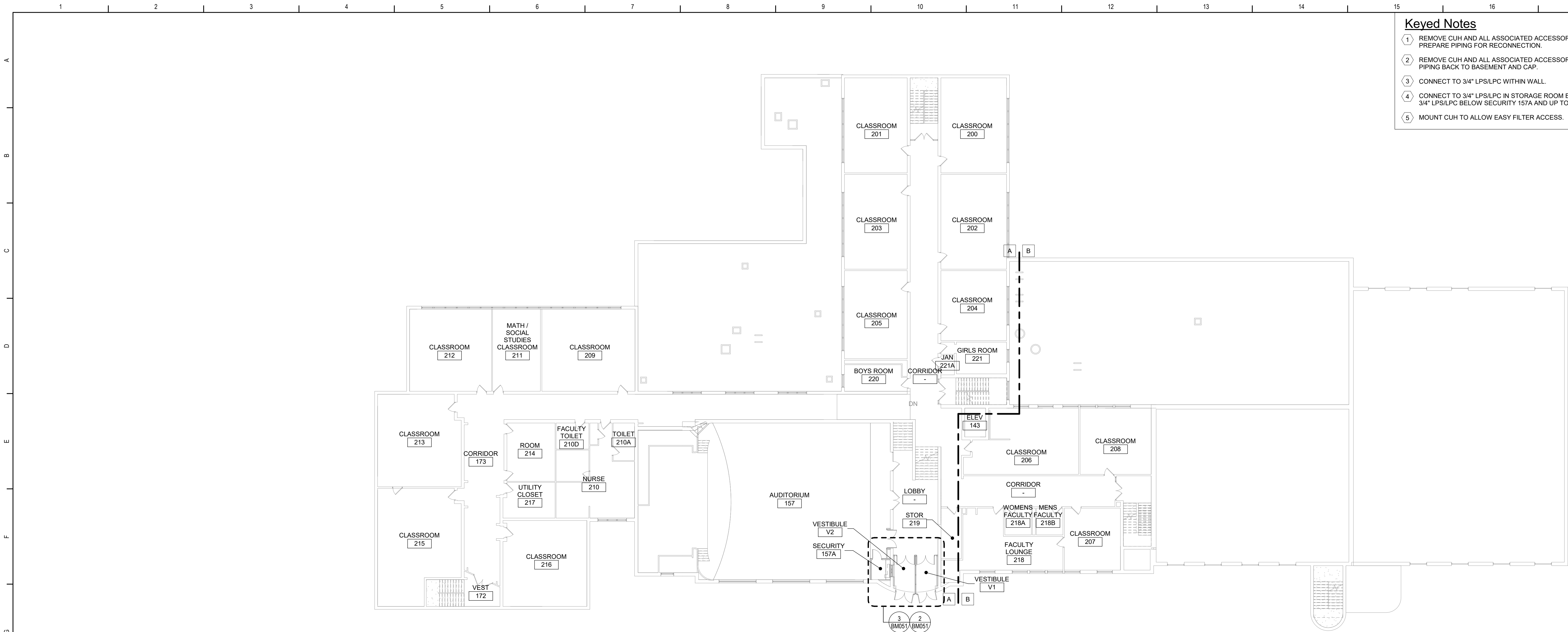
Walkill Central School District
Walkill, New York

Reconstruction to:
John G. Borden Middle School

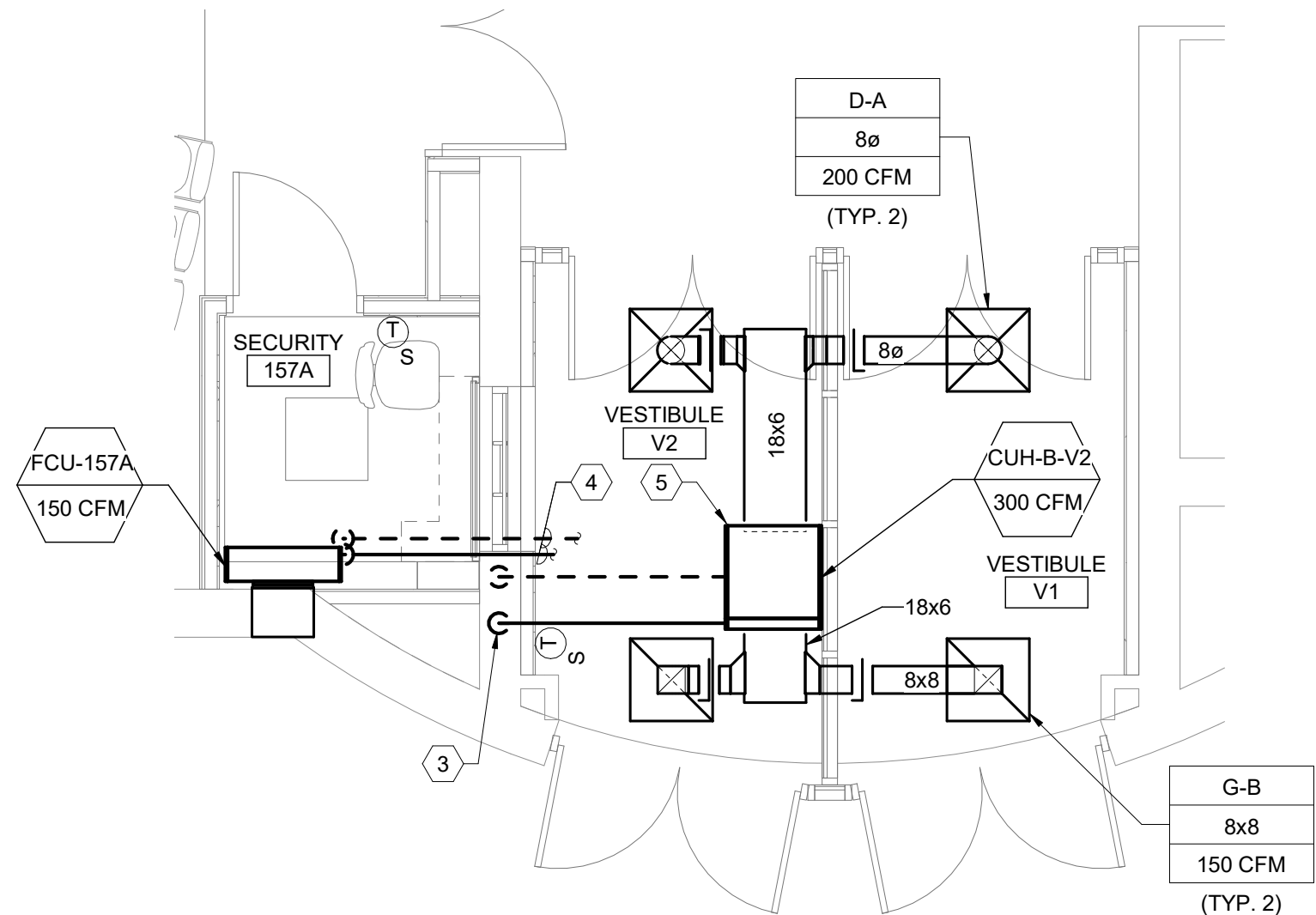
Auditorium Seating Layout

Drawn By: Irwin Seating	Date: 11/4/2022	Drawing Number:
Project No.: 17597-22001	BA921	

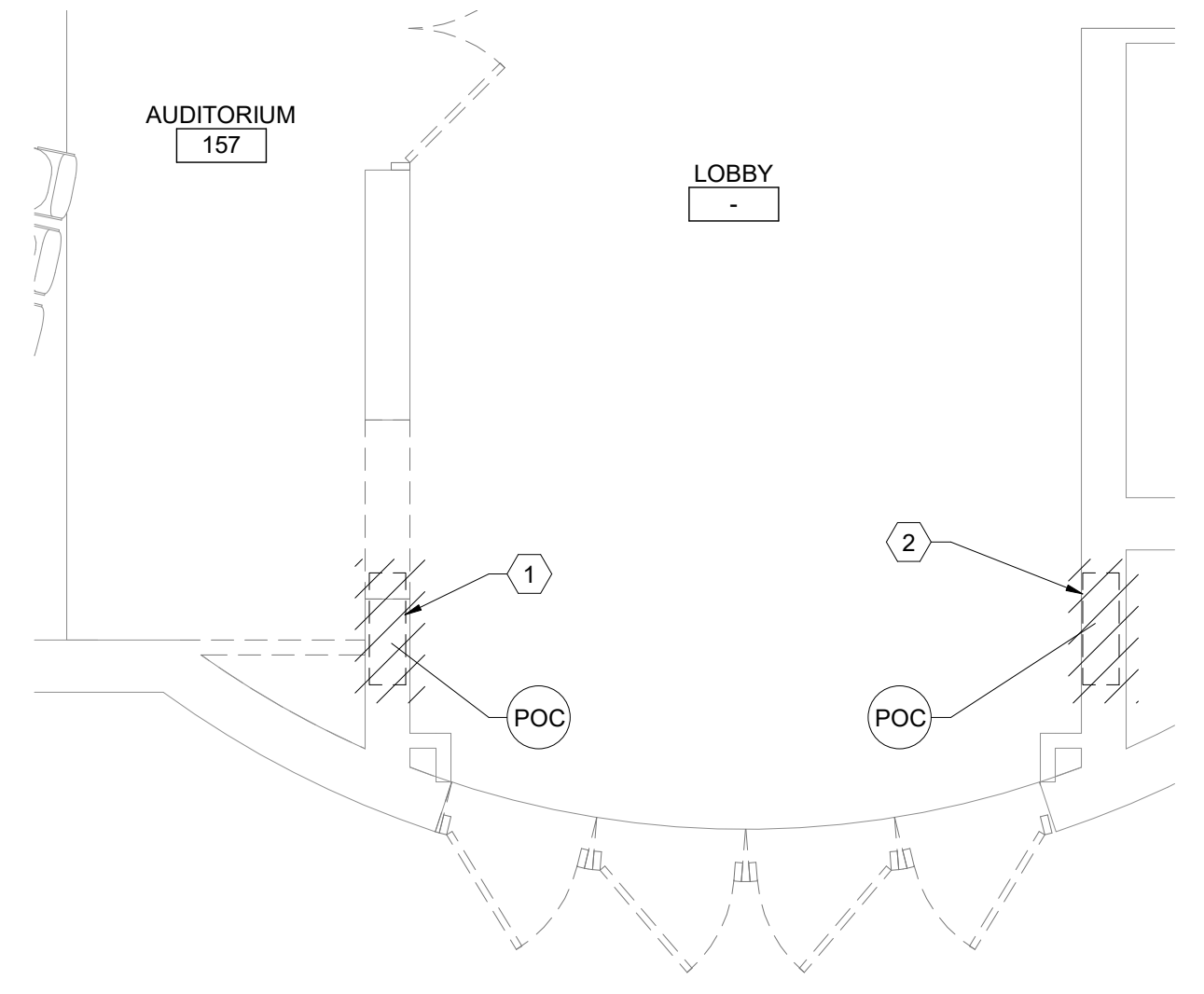
1 Auditorium Seating Layout
N.T.S.



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



3 Partial First Floor Plan
1/4" = 1'-0"



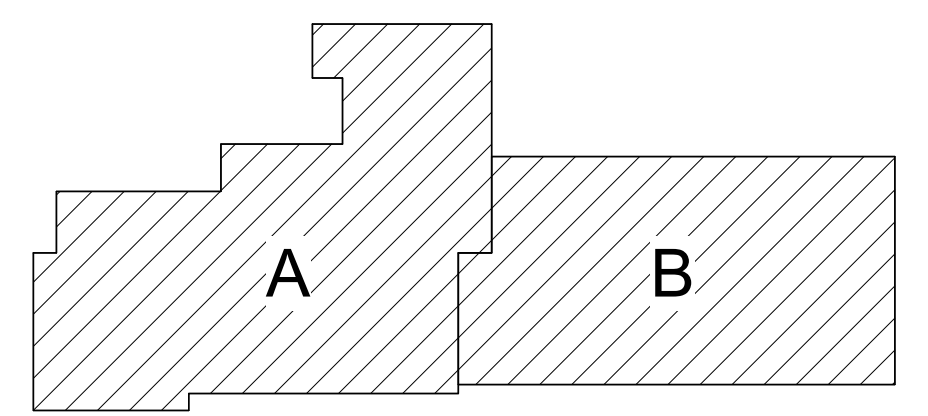
2 Partial First Floor Demolition Plan
1/4" = 1'-0"

Keyed Notes

- 1 REMOVE CUH AND ALL ASSOCIATED ACCESSORIES. PREPARE PIPING FOR RECONNECTION.
- 2 REMOVE CUH AND ALL ASSOCIATED ACCESSORIES. REMOVE PIPING BACK TO BASEMENT AND CAP.
- 3 CONNECT TO 3/4" LPS/LPC WITHIN WALL.
- 4 CONNECT TO 3/4" LPS/LPC IN STORAGE ROOM BELOW. RUN 3/4" LPS/LPC BELOW SECURITY 157A AND UP TO FCU.
- 5 MOUNT CUH TO ALLOW EASY FILTER ACCESS.

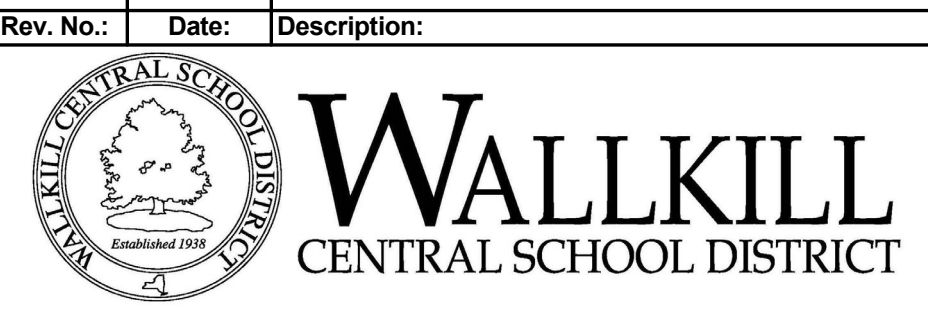
General Notes

- 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. REPORT UNSAFE OR UNSATISFACTORY CONDITIONS IN WRITING TO ARCHITECT AND RESOLVE ISSUES BEFORE PROCEEDING.
- C. WORK INCLUDES ALL LABOR AND MATERIALS REQUIRED TO PROVIDE COMPLETE WORKING SYSTEMS.
- D. COORDINATE PHASING REQUIREMENTS AT JOB MEETINGS AND ON WORK SCHEDULES.
- E. 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.
- F. 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.
- G. 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.
- H. 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.
- I. IF UNANTICIPATED MECHANICAL, ELECTRICAL, OR STRUCTURAL CONFLICTS ARE ENCOUNTERED, INVESTIGATE AND REPORT BOTH NATURE AND EXTENT OF THE CONFLICT. RE-ROUTE WORK AS REQUIRED.
- J. 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.
- K. 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.
- L. 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.
- M. 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.
- N. PROVIDE TEMPORARY PIPING, DUCT, HEAT, WEATHERPROOFING, ETC. TO SERVICES TO REMAIN UNTIL PERMANENT INSTALLATIONS CAN BE MADE.
- O. ALL EXCESS MATERIALS AND SCRAPS ARE CONTRACTOR'S PROPERTY. PROMPTLY REMOVE FROM SITE UNLESS SPECIFICALLY DIRECTED OTHERWISE.
- P. 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.
- Q. SEAL ALL FLOOR, WALL AND CEILING PENETRATIONS PER FIRE-RESISTANCE RATINGS NOTED ON BG-SERIES DRAWINGS, BUT NOT LESS THAN 1-HOUR, AND IN ACCORDANCE WITH SECTION 07 84 13-PENETRATION FIRESTOPPING. THIS INCLUDES ALL NEW PENETRATIONS AND EXISTING UNFIRED STOPPED PENETRATIONS CREATED BY REMOVALS, AS REQUIRED TO PERFORM THE WORK.



Key Plan
N.T.S.

S.E.D. Control No. 62-18-01-06-0-002-014



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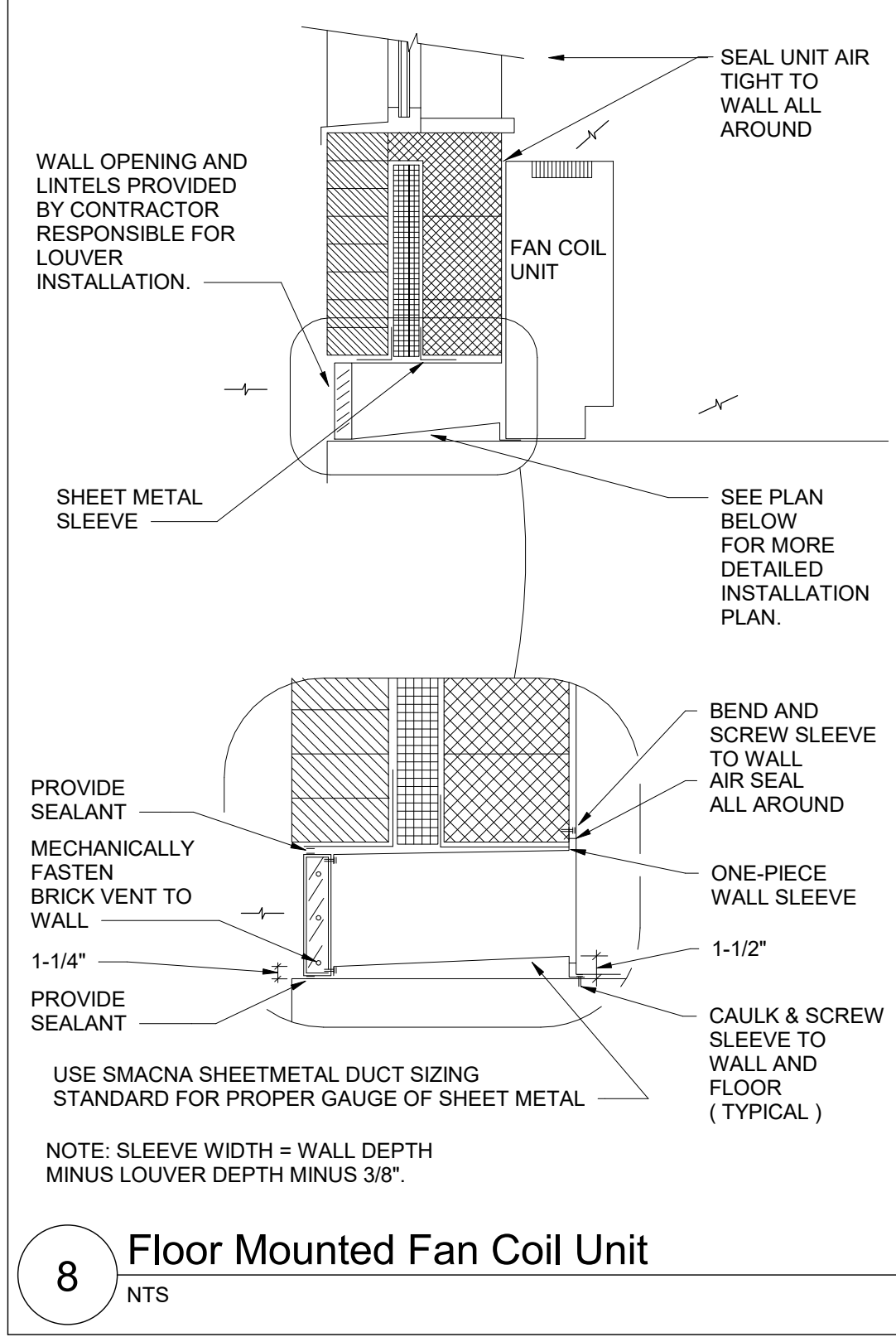


Wallkill Central School District
Wallkill, New York

Reconstruction to:
John G. Borden Middle School

First Floor Key and Partial Plans

Drawn By: JPF/pgm	Date: 11/4/2022	Drawing Number: BM051
Project No.: 17597-22001		



8 Floor Mounted Fan Coil Unit
NTS

FAN COIL UNIT (FCU) SCHEDULE														EQUIPMENT FURNISHED BY OWNER, INSTALLED BY MECHANICAL CONTRACTOR		
EQUIP NO.	LOCATION	MODEL NO.	SA CFM	MIN. OA	HEATING DATA				SUPPLY FAN		ELECTRICAL					NOTES
					NO. ROW	EAT (°F)	LAT (°F)	CAP. (MBH)	ESP (IN. WG.)	RPM	MOTOR SIZE (HP)	V/PH	FLA	MCA	MOP	
FCU-157A	SECURITY 157A	FFBB020	150	20	1	60.1	110.0	13.2	0.00	700	0.04	120V/1ø	2.2	2.8	15	1-7

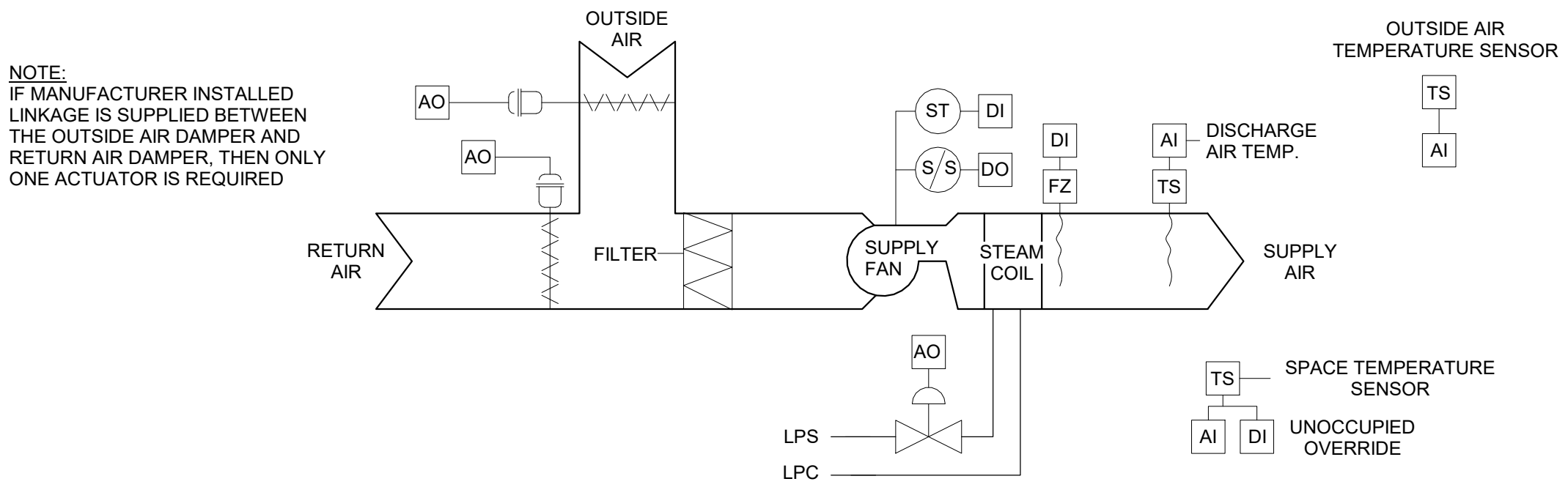
NOTES:
1. DESIGN BASIS: TRANE
2. VERTICAL CABINET UNIT
3. PROVIDE 1" MERV13 FILTER.
4. STEAM COIL CONDITIONS: STEAM TEMP=222°F, PRESSURE=3 PSIG
5. VERIFY PIPE AND ELECTRICAL LEFT/RIGHT HAND CONNECTIONS PRIOR TO ORDERING.
6. PROVIDE RETURN AIR BOTTOM INLET TOP GRILLE OUTLET AND OUTSIDE AIR WALL BOX.
7. PROVIDE NEMA 1 DISCONNECT SWITCH.

CABINET UNIT HEATER (CUH) SCHEDULE														EQUIPMENT FURNISHED BY OWNER, INSTALLED BY MECHANICAL CONTRACTOR		
DWG LABEL	LOCATION	MODEL NO.	SA CFM	HEATING DATA				STEAM PRESS. (PSI)	SUPPLY FAN		ELECTRICAL					NOTES
				NO. ROW	EAT (°F)	LAT (°F)	CAP. (MBH)		ESP (IN. WG.)	RPM	MOTOR SIZE (HP)	V/PH	FLA	MCA	MOP	
CUH-B-V2	VESTIBULE V2	FFCB030	300	2	60.0	117.8	18.8	3	0.50	776	0.02	120V/1ø	2.2	2.8	15	1-5

NOTES:
1. DESIGN BASIS: TRANE
2. HORIZONTAL CONCEALED CABINET
3. PROVIDE 1" MERV 6 FILTER
4. PROVIDE DUCT COLLAR LOUVER INLETS AND OUTLETS.
5. VERIFY PIPE AND ELECTRICAL LEFT/RIGHT HAND CONNECTIONS PRIOR TO ORDERING.

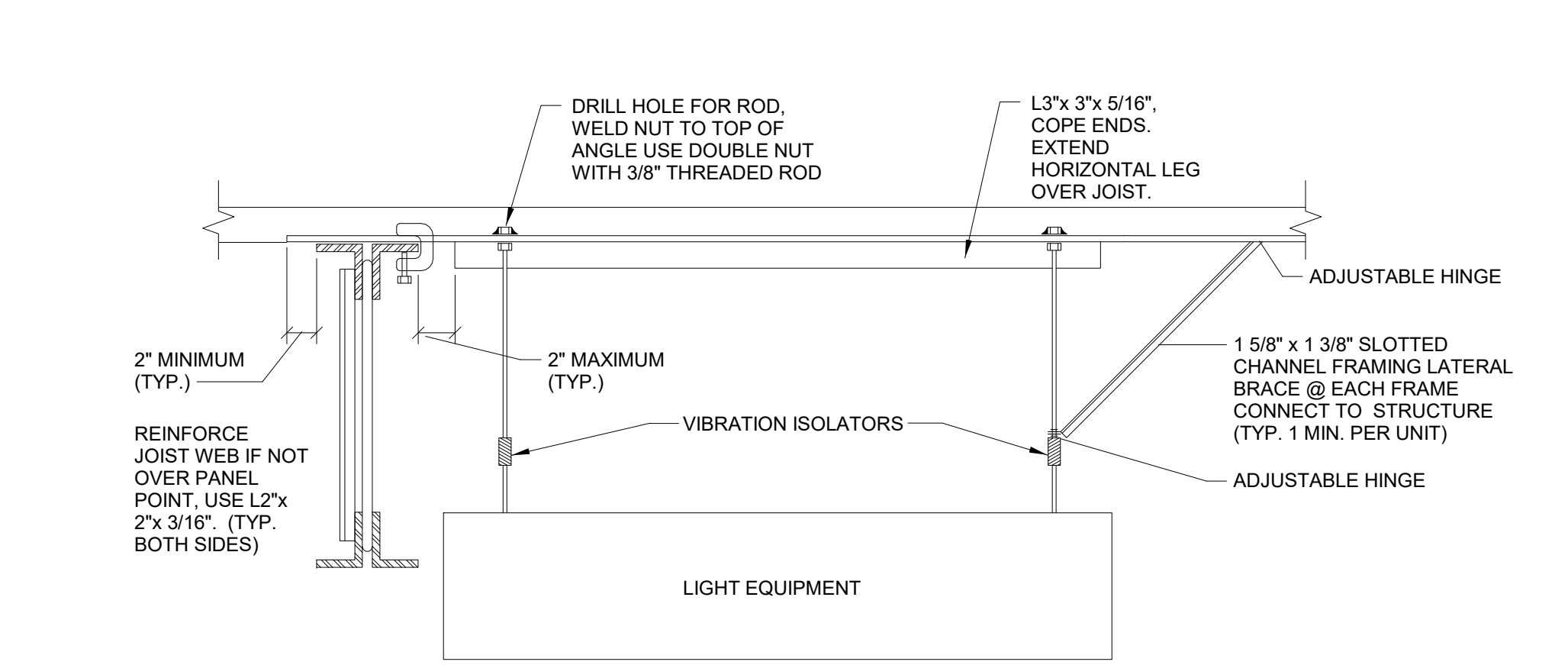
BORDEN MIDDLE SCHOOL BUILDING/EQUIPMENT VENTILATION CALCULATIONS												
EQUIPMENT NUMBER	ZONE ID			MINIMUM VENTILATION RATES								
	ROOM NUMBER	ROOM NAME	OCCUPANCY CLASSIFICATION	Az - AREA (SF)	Pz - ZONE OCCU. #/1000 FT	ZONE OCCU.	Rp (CFM/Person)	Ra (CFM/SF)	RaA	Vbz (CFM)	EZ	Voz (CFM)
FCU-B-190	190	SECURITY OFFICE	Office space	37	5	1	5	5	0.08	2	7	0.8 10

NOTES:
Rp = PEOPLE OUTDOOR AIR RATE, Ra = AREA OUTDOOR AIR RATE, Vbz = BREATHING ZONE OUTDOOR AIRFLOW, Ez = AIR DISTRIBUTION CONFIGURATION, Voz = ZONE OUTDOOR AIRFLOW

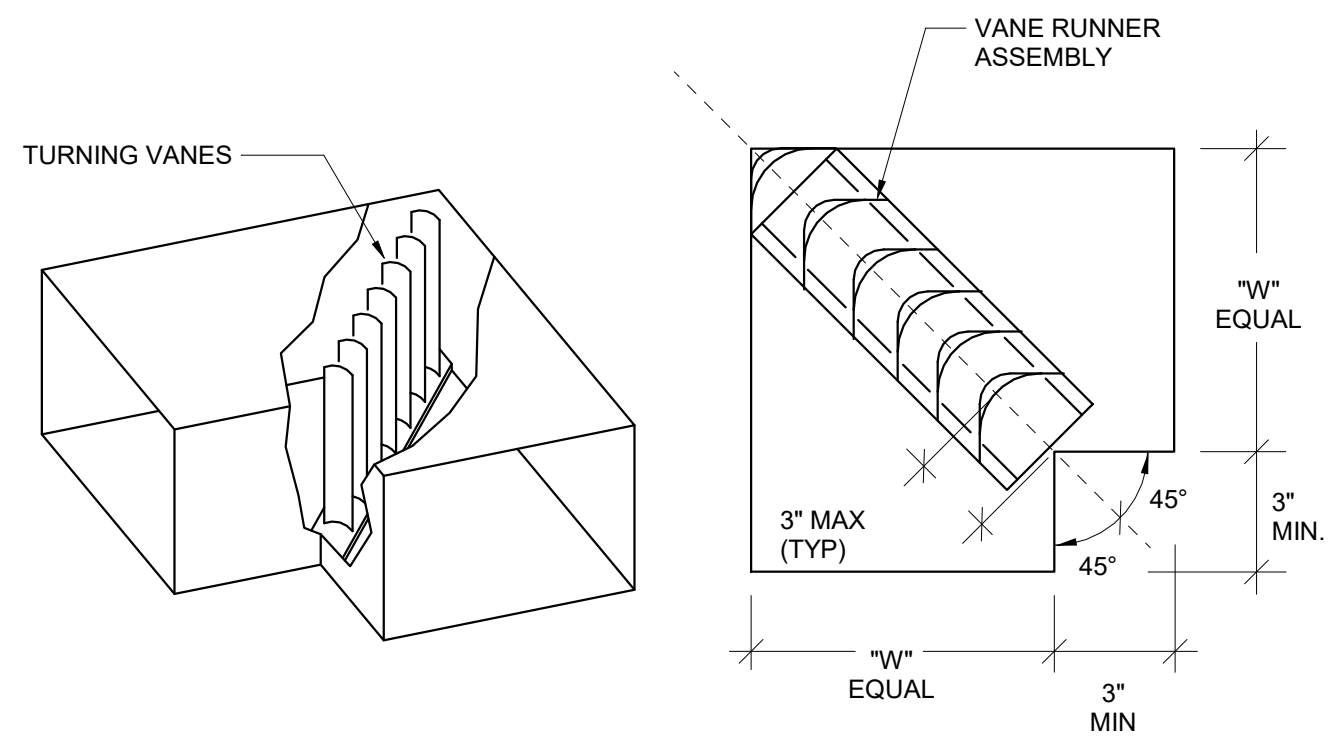


- FAN COIL UNIT - STEAM - VALVE CONTROL - SEQUENCE OF OPERATIONS:
- OCCUPIED MODE:
 - SUPPLY FAN SHALL RUN CONTINUOUSLY.
 - THE OUTSIDE AIR DAMPER SHALL OPEN TO THE POSITION REQUIRED TO MAINTAIN THE MINIMUM OUTSIDE AIR QUANTITY AS INDICATED.
 - WHEN THE SPACE TEMPERATURE IS AT OR BELOW THE HEATING SET POINT, THE 2-WAY CONTROL VALVE SHALL MODULATE TO MAINTAIN SPACE HEATING SETPOINT SUBJECT TO DISCHARGE HIGH LIMIT OF 110 DEG. F (ADJUSTABLE) AND DISCHARGE LOW LIMIT OF 70 DEG. F (ADJUSTABLE).
 - WHEN THE SPACE TEMPERATURE RISES 3 DEG. F (ADJUSTABLE) ABOVE THE SPACE HEATING SETPOINT, AND THE OUTSIDE AIR TEMPERATURE IS LOWER THAN THE SPACE TEMPERATURE, THE OUTSIDE AIR DAMPER SHALL MODULATE OPEN TO MAINTAIN THE OCCUPIED SETPOINT. THIS SHALL BE DONE SUBJECT TO DISCHARGE LOW LIMIT OF 55 DEG. F (ADJUSTABLE), AND WITH THE HEATING VALVES FULLY CLOSED.
 - UNOCCUPIED MODE:
 - THE SUPPLY FAN SHALL BE OFF.
 - ON DROP IN SPACE TEMPERATURE BELOW THE UNOCCUPIED SETPOINT, CYCLE THE FAN AND COIL CONTROL VALVE FULL OPEN AS REQUIRED TO MAINTAIN REDUCED SPACE SETPOINT, SUBJECT TO DISCHARGE HIGH LIMIT OF 110 DEG. F (ADJUSTABLE), USE 5 DEG. F (ADJUSTABLE) DEADBAND TO MINIMIZE SHORT CYCLING.
 - 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.
 - WARM-UP MODE:
 - THE UNIT SHALL START PER AN OPTIMUM START PROGRAM.
 - THE OUTSIDE AIR DAMPER SHALL BE FULLY CLOSED.
 - THE SUPPLY FAN SHALL RUN AND THE CONTROL VALVE SHALL MODULATE TO MAINTAIN OCCUPIED SETPOINT.
 - SAFETIES:
 - A SEPARATE LOW LIMIT FREEZE STAT WITH AUTOMATIC RESET SHALL BE INSTALLED WITH SENSING ELEMENT SERPENTINED ACROSS THE FACE OF THE COIL. WHENEVER COIL FREEZE-UP CONDITIONS ARISE (60 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 ALSO BE ACTIVATED.
 - UPON FAILURE OF THE FAN, AS SENSED BY A CURRENT SENSING STATUS SWITCH, GENERATE AN ALARM AT THE OWS.

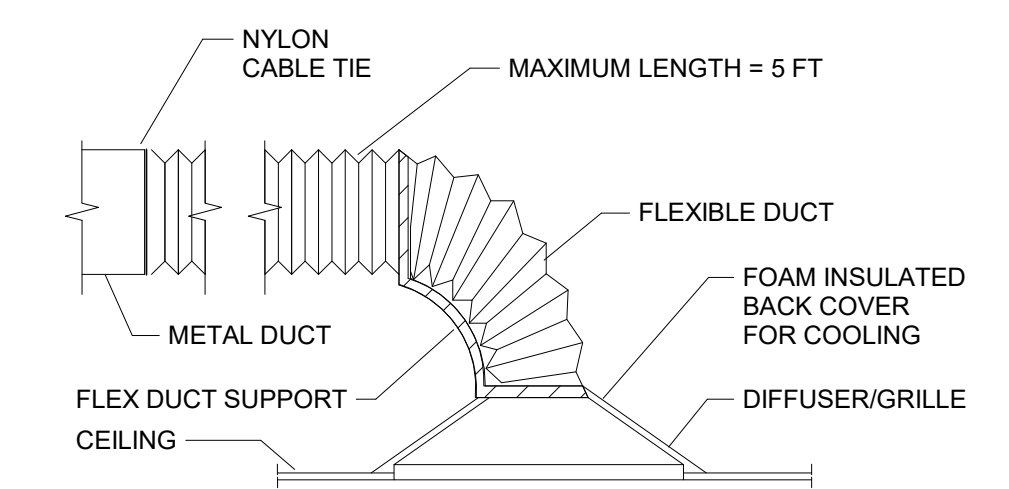
9 FCU - Steam Control
NTS



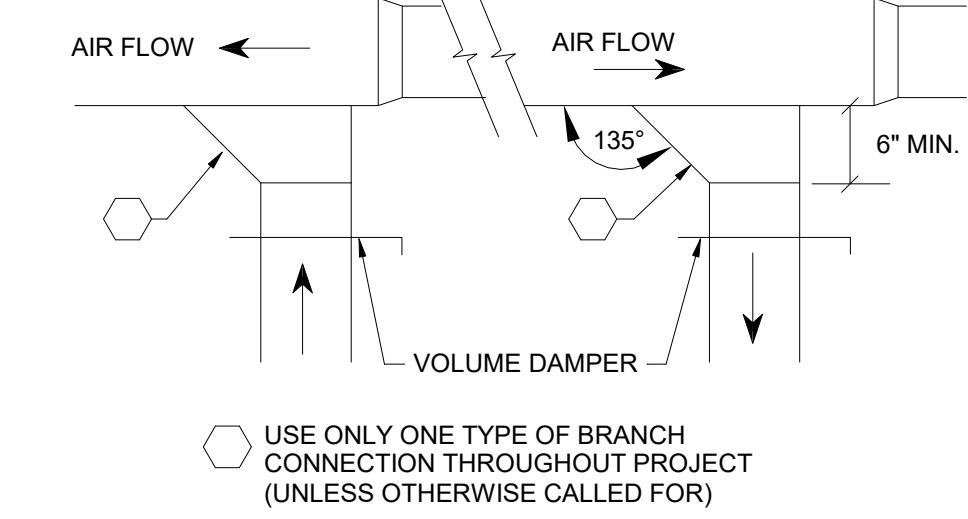
1 Light Equipment Hanging Detail
NTS



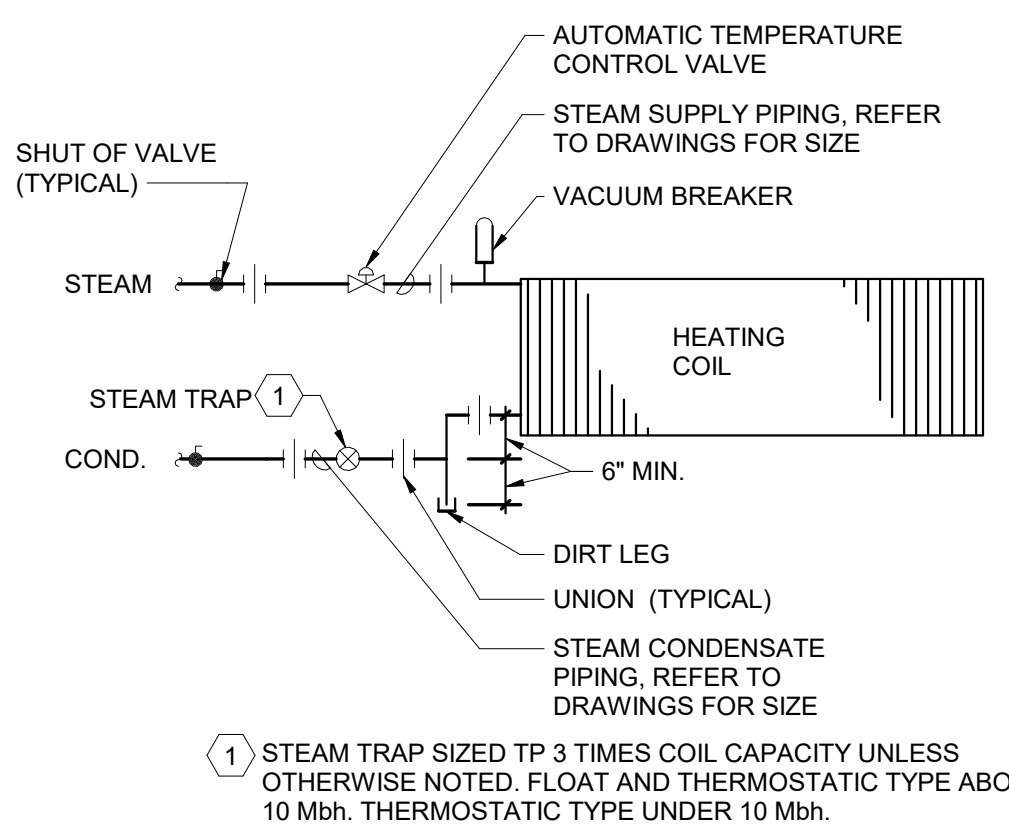
2 Duct Turning Vanes
NTS



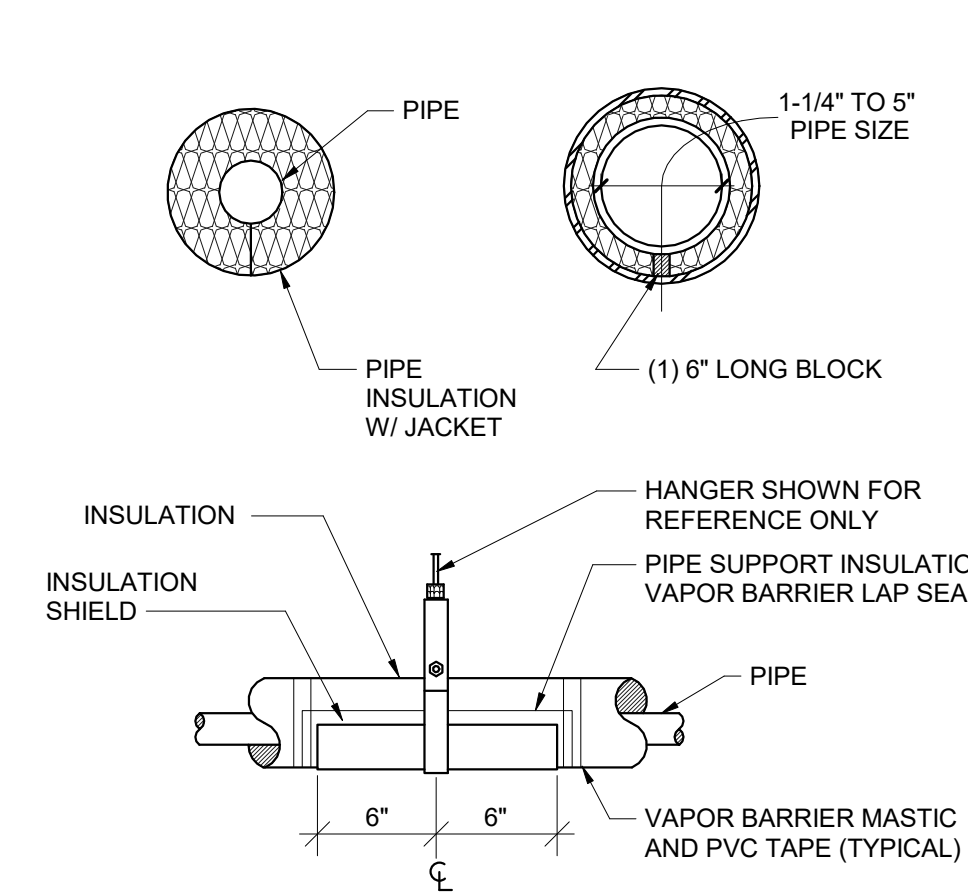
5 Ceiling Diffuser/Grille With Flex Duct
NTS



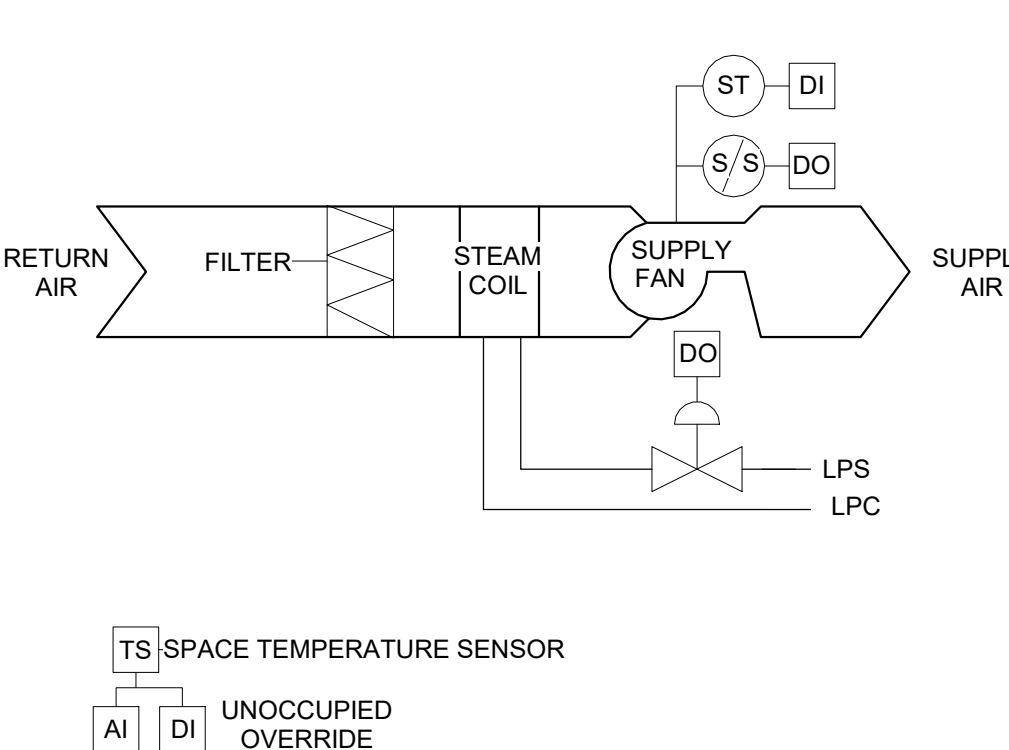
3 Duct Detail
NTS



6 FCU/CUH - Steam Piping Schematic
NTS



4 Pipe Insulation
NTS



7 CUH - Steam - Valve Control
NTS

- CABINET UNIT HEATER - STEAM - VALVE CONTROL - SEQUENCE OF OPERATIONS:
- OCCUPIED MODE:
 - WHEN THE SPACE TEMPERATURE IS AT OR BELOW THE HEATING SETPOINT, CYCLE THE SUPPLY FAN ON AND THE CONTROL VALVE FULL OPEN TO MAINTAIN SPACE SETPOINT.
 - UNOCCUPIED MODE:
 - ON DROP IN SPACE TEMPERATURE BELOW THE UNOCCUPIED SETPOINT, CYCLE THE SUPPLY FAN ON AND THE CONTROL VALVE FULL OPEN TO MAINTAIN SPACE UNOCCUPIED SETPOINT.
 - WARM-UP MODE:
 - THE UNIT SHALL START PER AN OPTIMAL START PROGRAM.
 - SAFETIES:
 - UPON FAILURE OF THE FAN, AS SENSED BY A CURRENT SENSING STATUS SWITCH, GENERATE AN ALARM AT THE OWS.

TEMPERATURE CONTROLS SYMBOLS LIST

AI	ANALOG IN
AO	ANALOG OUT
COM	COMMUNICATIONS PORT
CS	AIRBORNE CONTAMINANT SENSOR
DI	DIGITAL IN
DM	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
MS	MANUAL SWITCH STOP / START
P	PRESSURE SENSOR
DP	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. 62-18-01-06-0-002-014

Rev. No.: Date: Description:



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WALLKILL
CENTRAL SCHOOL DISTRICT

Reconstruction to:
John G. Borden Middle School

Details, Schedules and Controls

Drawn By: Author: 11/4/2022 Drawing Number: 17597-22001 **BM500**



A	C. 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 SA FOR STANDARD SYMBOLS AND ABBREVIATIONS.	
	C. AT ALL CORRIDORS WHERE NEW CEILINGS ARE BEING INSTALLED, REINSTALL DEVICES ON NEW CEILINGS AS SHOWN ON NEW WORK DRAWINGS AND EXTEND/MODIFY EXISTING CIRCUITRY AS REQUIRED.	
B	D. CIRCUIT WIRING FOR ALL LIGHTING CIRCUITS SHALL BE IN 1/2" EMT CONDUIT (MIN) OR TYPE MC CABLE CONCEALED ABOVE CEILING. REFER TO SPECIFICATION SECTION 26 05 33 FOR LOCATIONS WHERE MC CABLE IS ACCEPTABLE. ALL CIRCUIT CONDUCTORS SHALL BE 12 AWG COPPER (MIN) 90 °C THERMOPLASTIC INSULATED.	
	E. PROPERLY IDENTIFY ALL CIRCUITS AT PANELS & J-BOXES AND IN ACCORDANCE WITH PROJECT SPECIFICATIONS.	
	F. PROVIDE ALL ADAPTERS, COUPLINGS AND ASSOCIATED FITTINGS REQUIRED FOR COMPLETE OPERATIONAL SYSTEM.	
C	G. INSTALL CHAIN-HUNG LIGHT FIXTURES AFTER ALL MECHANICAL AND PLUMBING EQUIPMENT, PIPING AND DUCTWORK HAVE BEEN INSTALLED.	
	H. WHEN INSTALLING NEW DEVICES IN EXISTING LOCATIONS, REUSE EXISTING CONDUIT/RACEWAY AND BACK BOXES IF IN GOOD CONDITION. EXTEND/ADJUST ALL NEW CONDUIT/RACEWAY AS REQUIRED FOR PROPER MOUNTING OF DEVICE. CONCEAL ABOVE CEILING OR WITHIN WALLS WHERE POSSIBLE. REFER TO SPECIFICATION SECTION 26 05 33.	
	J. UNLESS NOTED ELSEWHERE ON THE CONTRACT DOCUMENTS, THE FOLLOWING LIST REPRESENTS THE TYPICAL MOUNTING HEIGHTS FOR THE DEVICES SHOWN:	
D	1. SWITCHES AND PANG STATIONS.	48" (TO TOP)
	2. RECEPTACLES.	16"
	3. COMPUTER RECEPTACLES.	48"
	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 AUDIBLE UNITS.	88"
	* 1' (OR 6" BELOW CEILING, WHICHEVER IS LOWER)	
E	10. POWER PANELS.	72" (TO TOP)
	11. DISCONNECT SWITCHES.	60" (TO TOP)
	12. MOTOR STARTERS.	60" (TO TOP)
F	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. PROVIDE ALL POWER DISTRIBUTION WORK INCLUDING PANELS, FEEDERS AND BRANCH CIRCUIT WIRING. UPDATE PANEL DIRECTORIES ACCORDINGLY.	
M	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 ANY AN ELECTRICAL APPROVED CERTIFICATE SHALL BE ISSUED BY AN ELECTRICAL INSPECTION AGENCY.	
	N. AT ALL (X) (H) LOCATIONS RUN AN INDIVIDUAL PLENUM RATED CATEGORY 6 UTP CABLE FROM BOX TO NEAREST IDF. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION.	



S.E.D. Control No. 62-18-01-06-0-002-014

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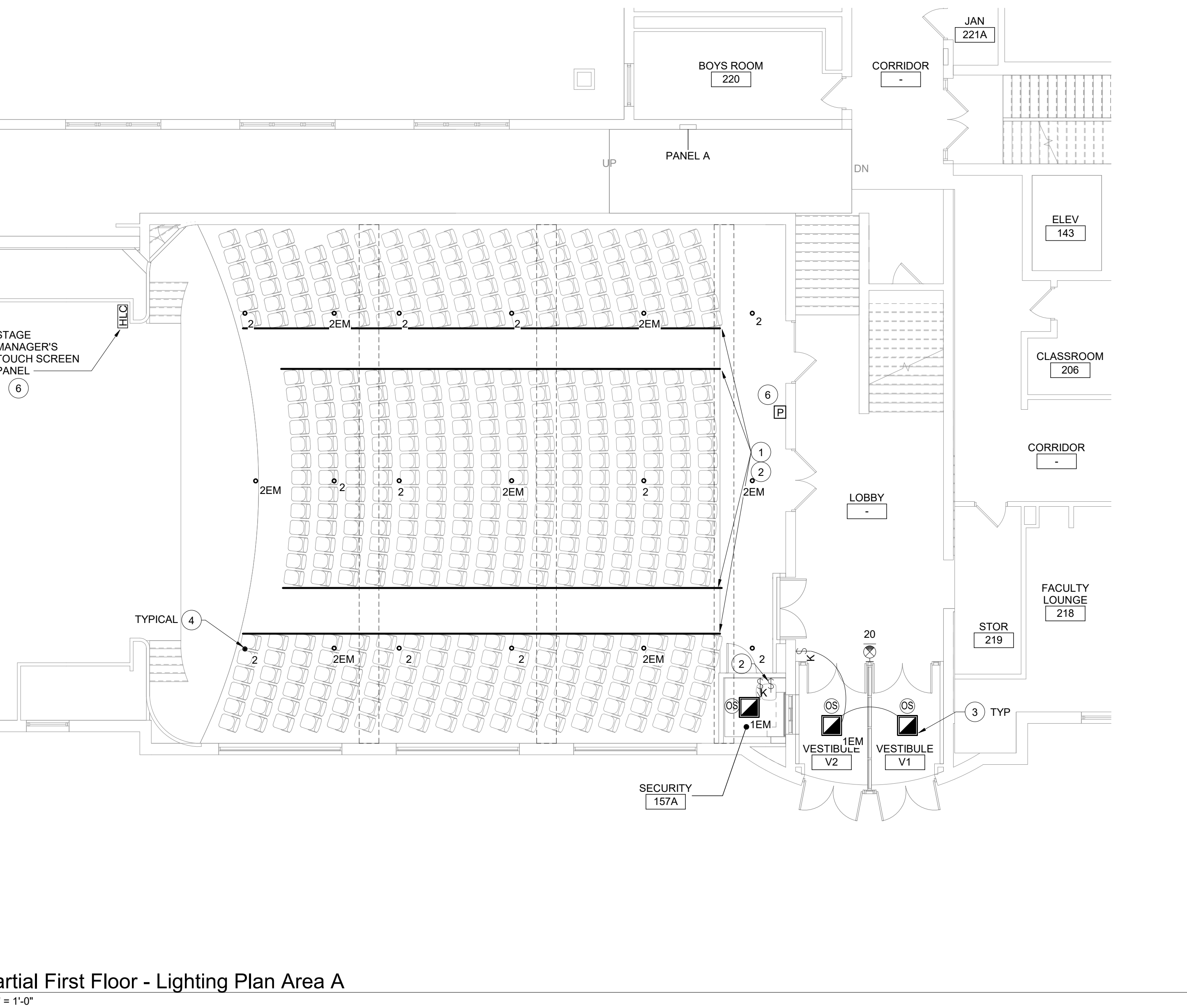
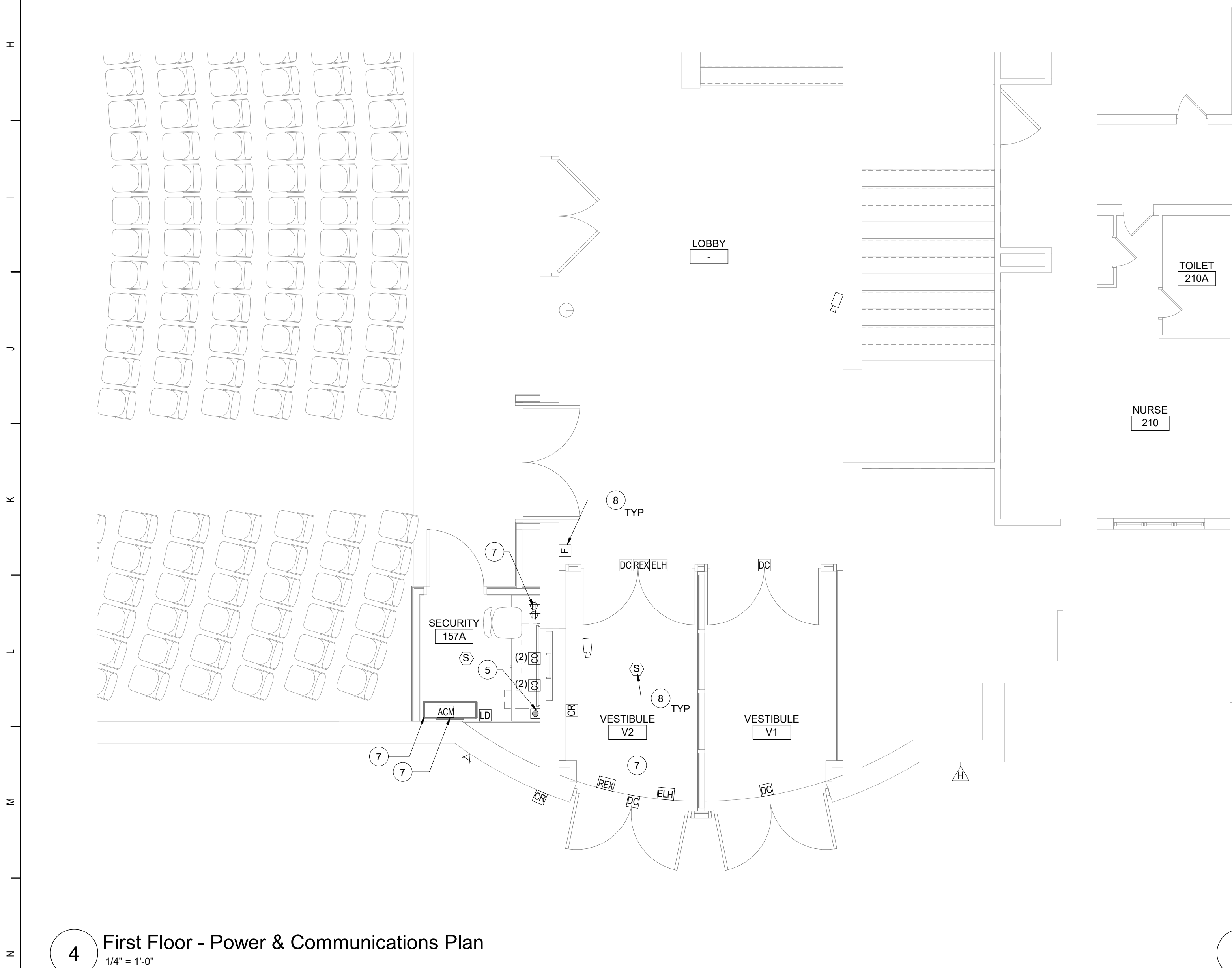
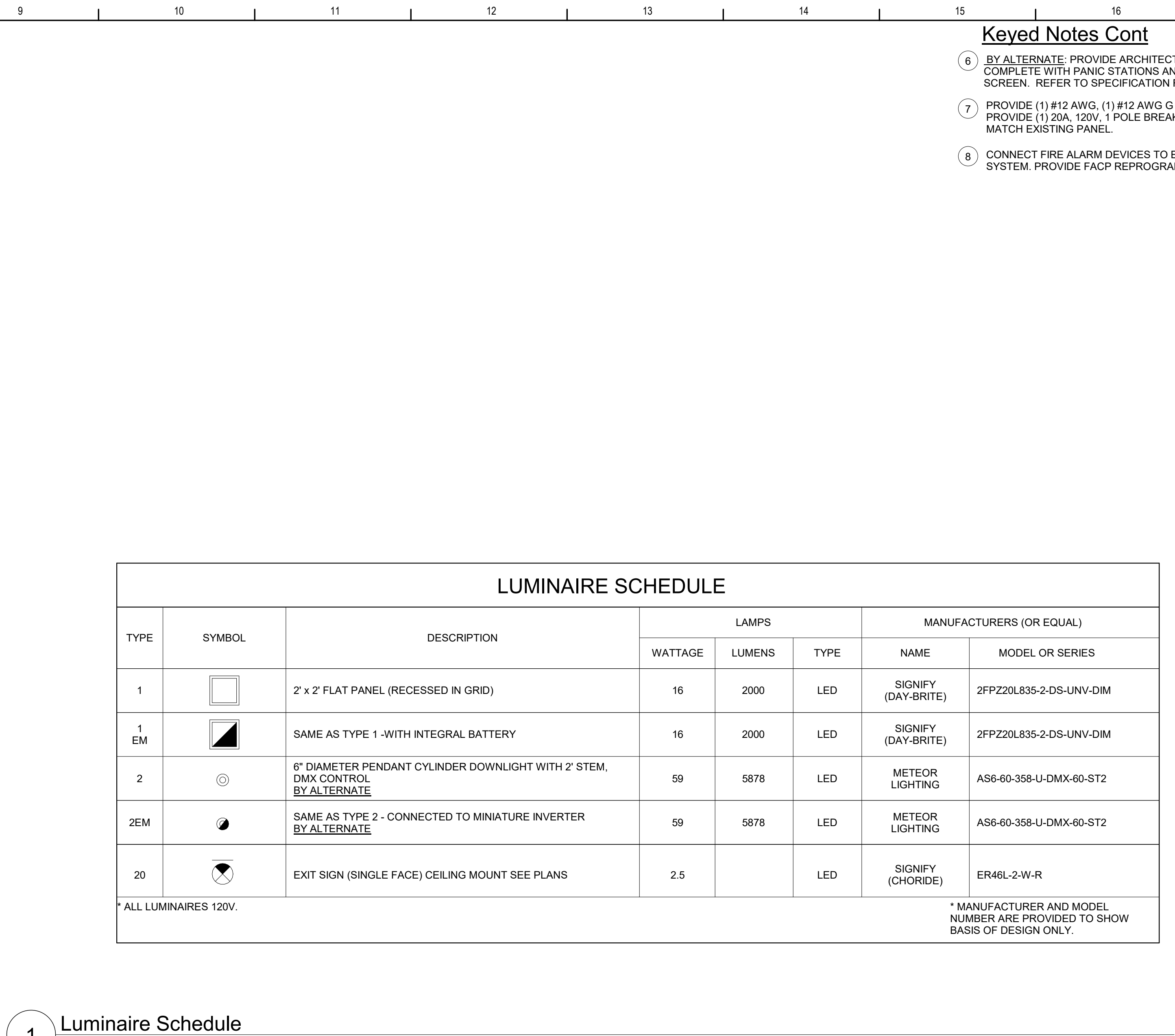
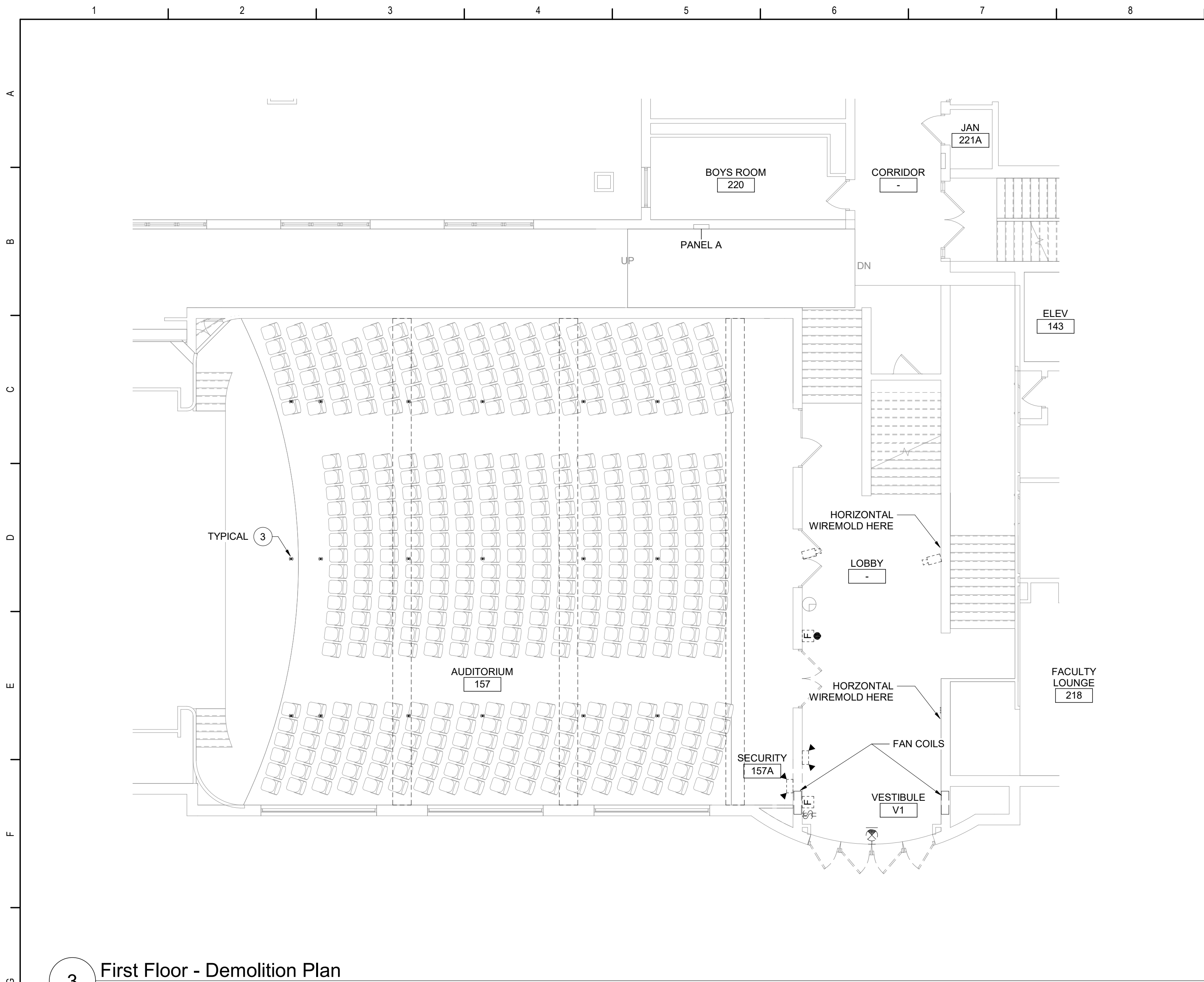


Wallkill Central School District
Wallkill, New York

M	Reconstruction to: John G. Borden Middle School
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First Floor Key Plan

N	Drawn By: GLK/CR/ded	Date: 11/4/2022	Drawing Number: BE051
	Project No.: 17597-22001		



Demolition General Notes

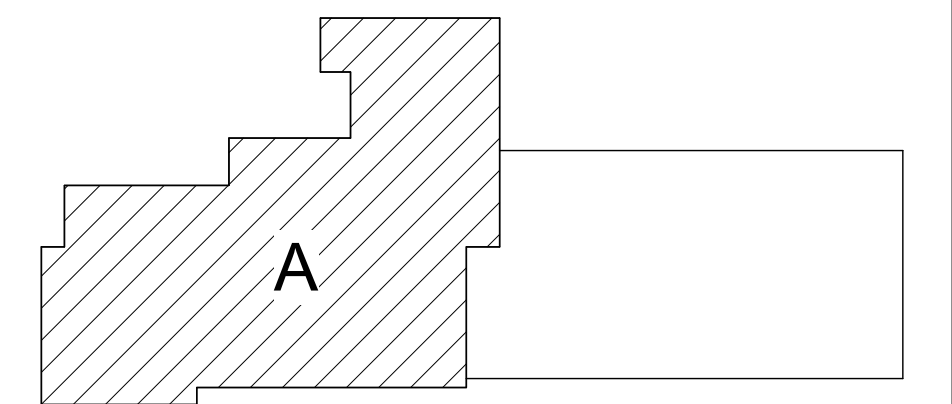
- A. ALL ELECTRICAL DEVICES INTERFERING WITH DEMOLITION WORK SHALL BE DISCONNECTED AND REMOVED, UNLESS OTHERWISE NOTED. EXISTING CIRCUIT WIRING SHALL BE REMOVED BACK TO SOURCE AND PANEL DIRECTORIES MODIFIED ACCORDINGLY.
- B. ANY DEVICE INTERFERING WITH DEMOLITION WORK NOT SHOWN ON THESE DRAWINGS SHALL NOT BE REMOVED WITHOUT WRITTEN AUTHORIZATION FROM THE OWNER'S REPRESENTATIVE OR THE ENGINEER.
- C. ALL ELECTRICAL DEMOLITION WORK SHALL BE PROPERLY COORDINATED WITH ALL OTHER TRADES.
- D. REFER TO SPECIFICATIONS SECTION 16010 FOR DEMOLITION REQUIREMENTS.
- E. EC IS SOLELY RESPONSIBLE FOR THE SAFE HANDLING AND DISPOSAL OF ALL REMOVED LIGHT FIXTURES AND BALLASTS THAT MAY CONTAIN PCBs (POLYCHLORINATED BIPHENYLS), IN ACCORDANCE WITH ALL APPLICABLE EPA, OSHA, FEDERAL, STATE, AND LOCAL CODES AND LAWS.
- F. EC IS SOLELY RESPONSIBLE FOR THE SAFE HANDLING AND DISPOSAL OF ALL REMOVED FLUORESCENT LIGHT TUBES THAT MAY CONTAIN MERCURY, IN ACCORDANCE WITH ALL APPLICABLE EPA, OSHA, FEDERAL, STATE, AND LOCAL CODES AND LAWS.
- G. AT ALL CORRIDORS WHERE NEW CEILINGS ARE BEING INSTALLED, DISCONNECT AND REMOVE DEVICES AS INDICATED, TAG EXISTING WIRING FOR REUSE.

Keyed Notes

1. PROVIDE (1) 20A1P CIRCUIT FOR ALL (4) AISLE LIGHT EXTRUSIONS. PROVIDE 12V POWER SUPPLIES RECOMMENDED BY MANUFACTURER. COORDINATE TRENCHING BY OTHERS. REFER TO ARCHITECTURAL DRAWINGS. PROVIDE BODINE INVERTER ELI-S-20 OR EQUAL WITH 90 MINUTE RUN TIME. PROVIDE (2) #12, (1)1/2 G, 1/2" CONDUIT, CONNECT TO POWER SUPPLY IN SECURITY 157A. MOUNT INVERTER UNDER DESK 18" AFF.
2. PROVIDE NON-DIMMABLE TIVOLI ARCHITECTURAL LIGHT EXTRUSION WITH LENS COVER AND 12" LED SPACING WITH AMBER 12V LEDs (OR EQUAL) FOR AISLEWAY. PROVIDE POWER SUPPLIES AS RECOMMENDED BY MANUFACTURER, SUCH AS JT-60-1-12-D (VERIFY WITH MANUFACTURER). CONTROL BY KEYED SWITCH IN ROOM SECURITY 157A.
3. REMOVE LUMINAIRES AND LIGHTING CONTROLS. TAG AND PRESERVE CIRCUITRY FOR REUSE. AUDITORIUM DOWNLIGHT REMOVAL AND CONTROLS BY ALTERNATE.
4. CONNECT LUMINAIRES TO EXISTING CIRCUITRY, EXTEND MODIFY AS NECESSARY.
5. ROLL UP FIRE SHUTTER. PROVIDE (1) #12 AWG G IN 1/2" TO PANEL A. PROVIDE (1) 20A, 120V, 1 POLE BREAKER WITH AIC RATING TO MATCH EXISTING PANEL. PROVIDE FIRE ALARM INITIATION AND CONTROL CIRCUITS AS SHOWN IN DETAIL 3BE500.

General Notes:

- A. REFER TO DRAWING BE051 FOR GENERAL NOTES.
- B. LIGHTING SEQUENCE FOR VESTIBULES: LUMINAIRES TURN ON TO 100% BY KEYED SWITCH. WHEN NO ONE IS PRESENT, LUMINAIRES DIM TO 50%. WHEN A PERSON ENTERS, LUMINAIRE INTENSITY INCREASES TO 100% OUTPUT.
- C. LIGHTING SEQUENCES FOR OFFICES: LUMINAIRES AUTOMATICALLY TURN ON WHEN PERSON ENTERS OFFICE AND AUTOMATICALLY TURN OFF WITHIN 15 MINUTES IF NO PERSON IS PRESENT. MANUAL OVERRIDE BY LOW VOLTAGE CONTROL AT DOOR.
- D. ACCESS CONTROL AND SECURITY SYSTEM PROVIDED BY OWNERS SECURITY VENDOR. PROVIDE 120V CONNECTION TO ELH POWER SUPPLY AND ACM LOCATION. COORDINATE FINAL LOCATIONS WITH OWNER, REFER TO 2BE500.



S.E.D. Control No. 62-18-01-06-0-002-014

1 1/23/2023 SED Addendum No. 2
Rev. No.: Date: Description:



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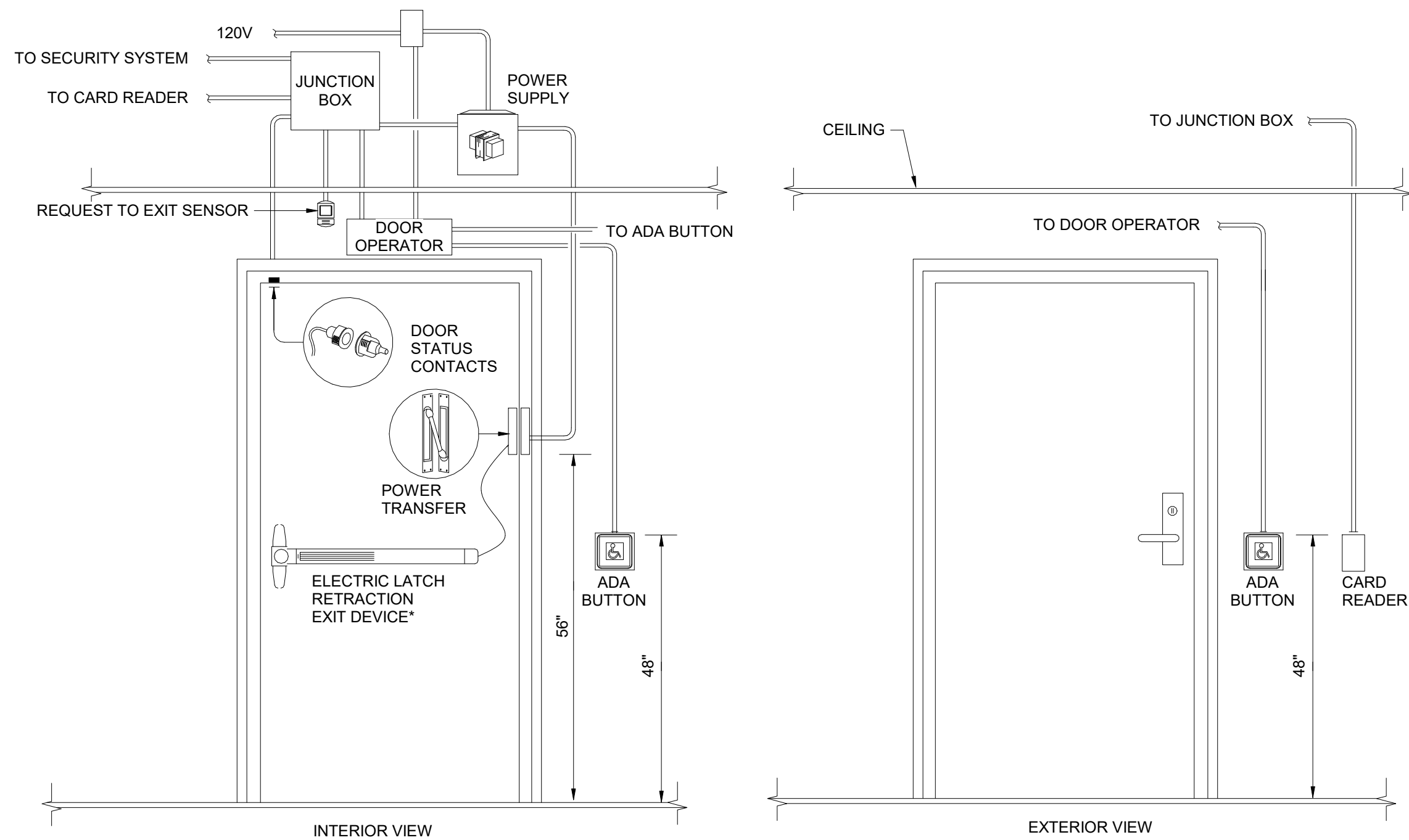


Walkill Central School District
Walkill, New York

Reconstruction to:
John G. Borden Middle School

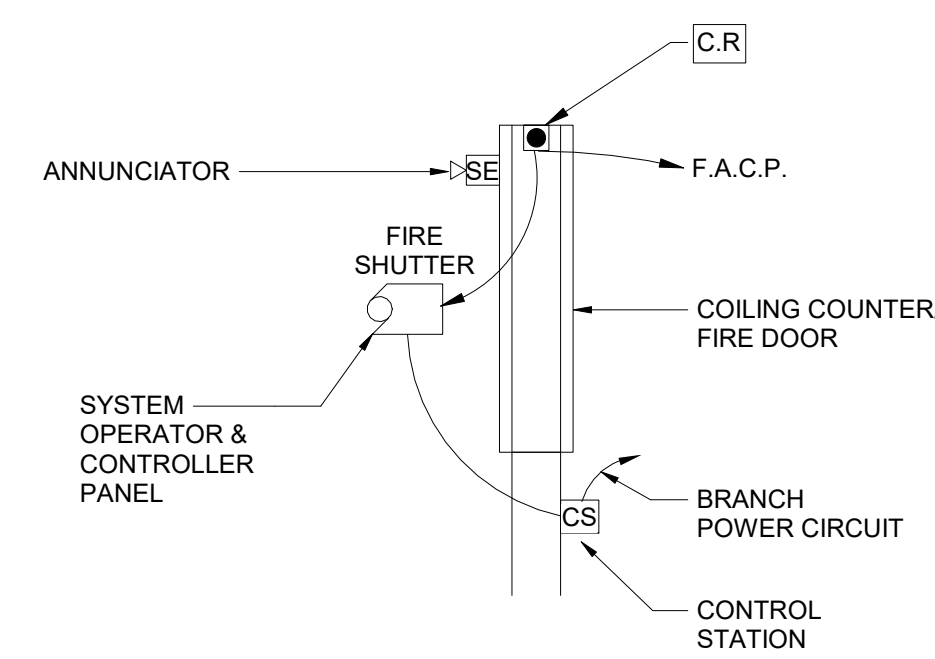
Enlarged Partial First Floor Plans -
Area A

Drawn By: GLK/CR/ded Date: 11/4/2022 Drawing Number:
Project No.: 17597-22001 BE400



*NOTE:
PANIC HARDWARE SHALL ALWAYS REMAIN FULLY OPERATIONAL MANUALLY, NO MATTER WHAT THE STATUS OF ELECTRIC LATCH.
SEE SPECIFICATION SECTION ##### FOR FURTHER INFORMATION.

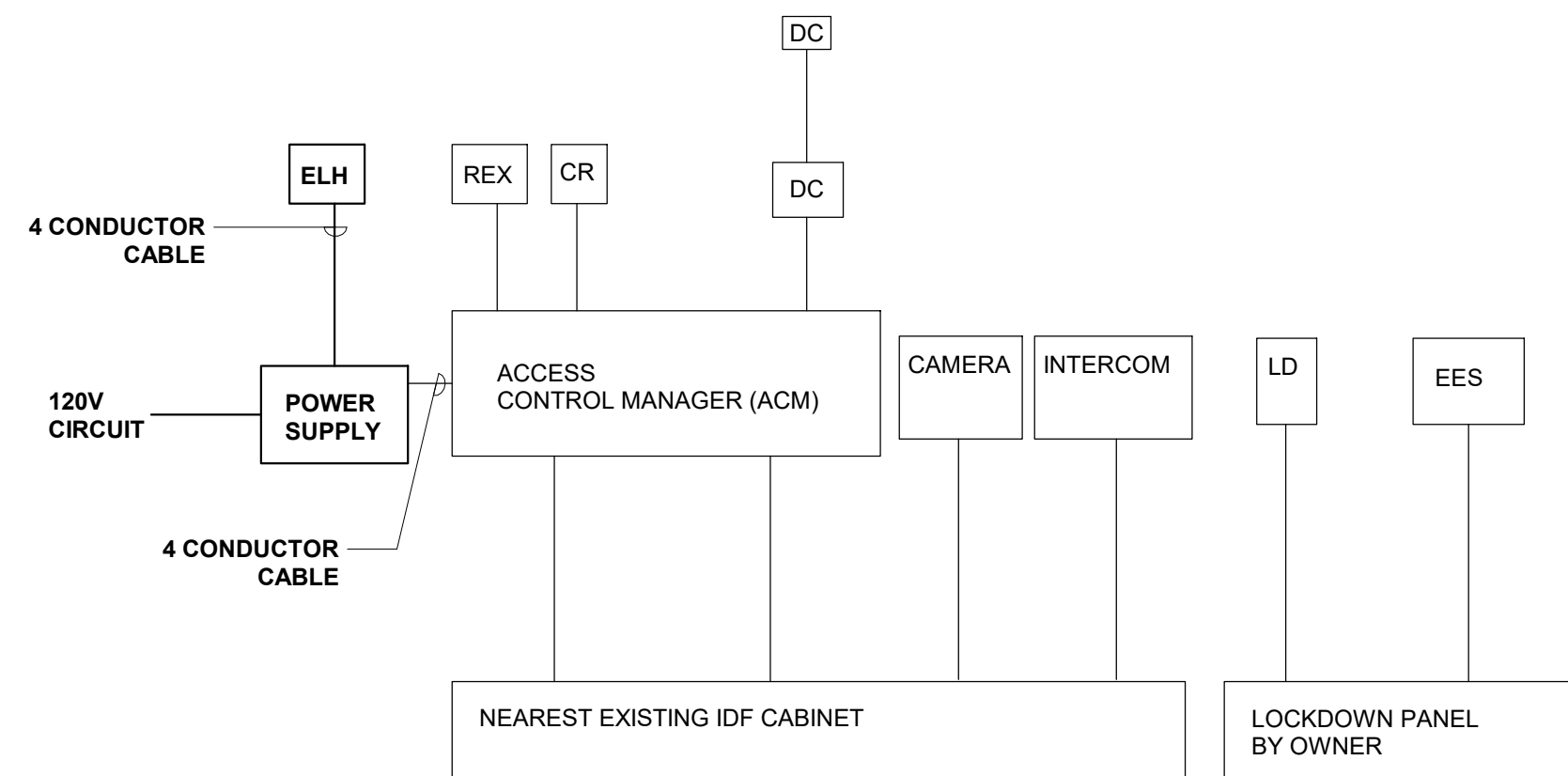
Single Door Configuration with ELR Hardware and ADA Operator
No Scale (VIEW MAY BE MIRRORED)



- NOTES:
1. INSTALL THE FOLLOWING EQUIPMENT, FURNISHED BY OTHERS:
- CONTROL STATION(S)
- ANNUNCIATOR(S)
 2. PROVIDE A BRANCH CIRCUIT (INDICATED ON PLAN) TO SYSTEM OPERATOR VIA THE CONTROL STATION.
 3. PROVIDE A 24 VDC CONNECTION FROM THE F.A.C.P. TO THE RELEASE DEVICE(S).
 4. PROPERLY PROGRAM F.A.C.P. TO SIGNAL RELEASE DEVICE TO OPERATE WHEN A FIRE DETECTION APPLIANCE IN THE ADJOINING SPACES SERVED BY ROLLING FIRE DOOR(S) ARE INITIATED.
 5. REFER TO PANEL SCHEDULES FOR FURTHER INFORMATION.

3 Fire Shutter Wiring Diagram

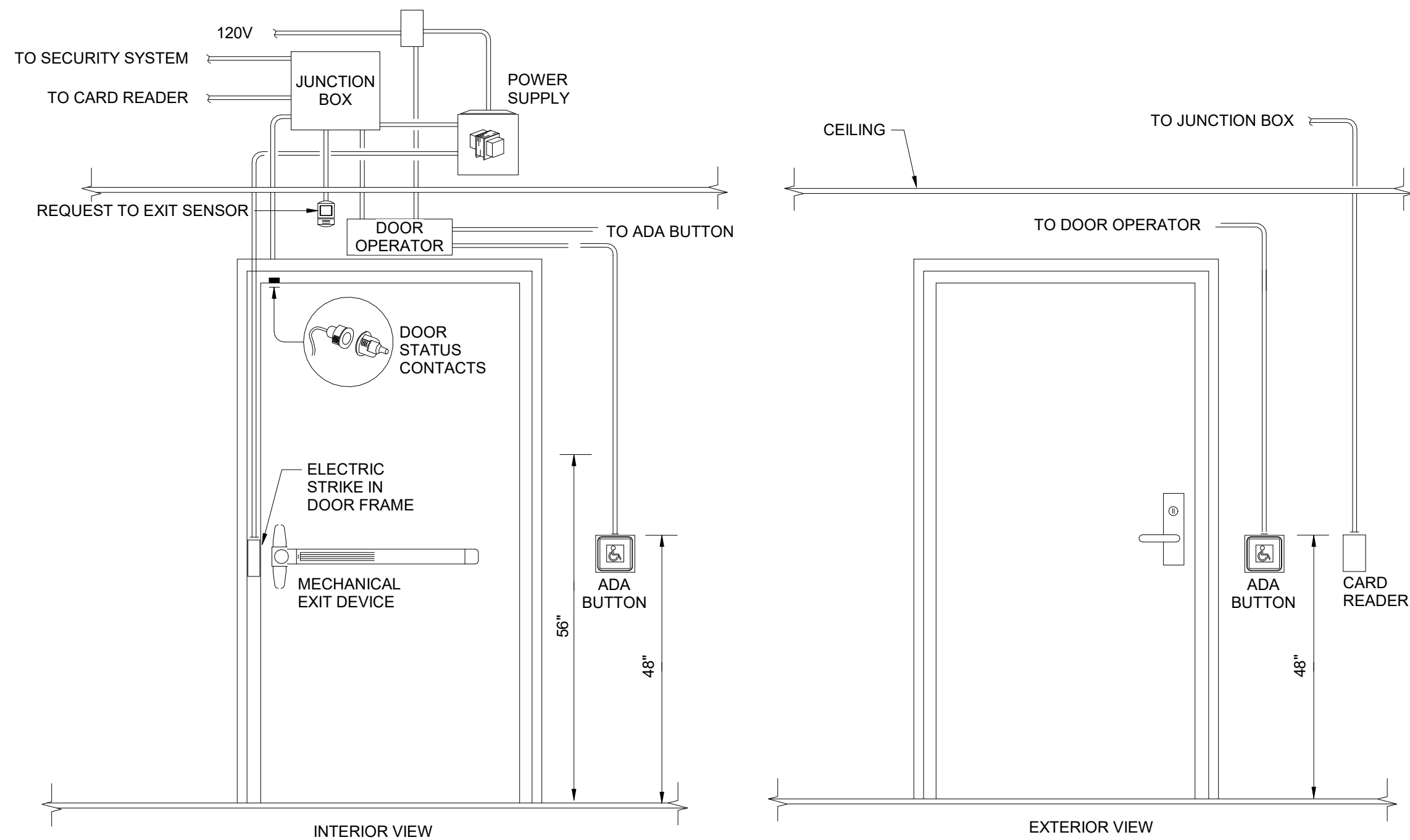
12" = 1'-0"



- A. QUANTITY OF DEVICES VARY, REFER TO FLOOR PLAN DRAWINGS.
B. REFER TO FLOOR PLAN DRAWINGS FOR 120V CIRCUIT PANEL LOCATION.
C. ALL DOOR CONTACTS IN AN OPENING ARE WIRED AS ONE GROUP.
D. ALL ACCESS CONTROL EQUIPMENT, CONDUITS, BACK BOXES, AND CABLES SHOWN IN GREY ARE PROVIDED BY OTHERS. ELECTRICAL CONTRACTOR TO PROVIDE POWER TO POWER SUPPLY AND FROM POWER SUPPLY TO ELH AND ACM WORK SHOWN IN BOLD.

2 Access Control Diagram

12" = 1'-0"



NOTE:
PANIC HARDWARE SHALL ALWAYS REMAIN FULLY OPERATIONAL MANUALLY, NO MATTER WHAT THE STATUS OF ELECTRIC LATCH.
SEE SPECIFICATION SECTION ##### FOR FURTHER INFORMATION.

Single Door Configuration with Strike Hardware and ADA Operator
No Scale (VIEW MAY BE MIRRORED)

1 Door Configurations

12" = 1'-0"

S.E.D. Control No. 62-18-01-06-0-002-014

Rev. No.: Date: Description:



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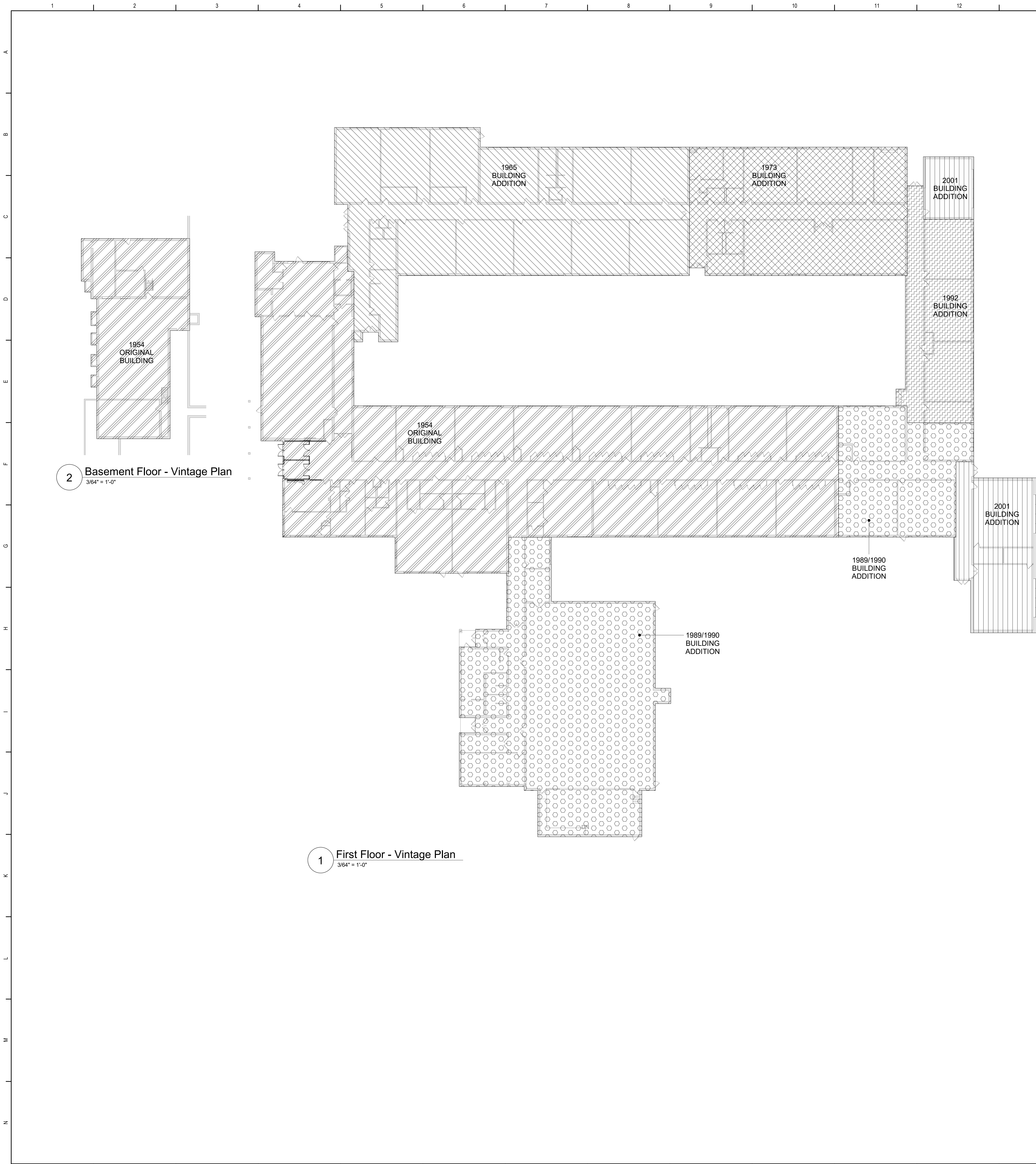


Wallkill Central School District
Wallkill, New York

Reconstruction to:
John G. Borden Middle School

Details

Drawn By: GLK/CR/ded Date: 11/4/2022 Drawing Number: BE500
Project No.: 17597-22001



Code Compliance Review

PROJECT LOCATION:
137 VIOLA AVE. WALLKILL, NY 12589
BOUNDED BY VIOLA AVE TO THE SOUTH, RAILROAD AVE TO THE WEST, AND BLOSSOM LANE TO THE EAST.

PROJECT DESCRIPTION:
THIS PROJECT INCLUDES THE RENOVATION OF THE MAIN ENTRANCE TO CREATE A SECURITY VESTIBULE. THE PROJECT ALSO INCLUDES THE RECOATING AND SELECT REPLACEMENT OF THE EXISTING FOAM ROOF SYSTEM, ROOF STRUCTURE REINFORCEMENT AND ASSOCIATED CEILING WORK, AND REPLACEMENT OF DOOR HARDWARE WITH NEW LOCKDOWN HARDWARE.

WORK GENERALLY CONSISTS OF THE FOLLOWING:
ALTERATIONS - LEVEL 1
• LOCKDOWN DOOR HARDWARE UPGRADES
• ROOF RECOATING AND SELECT REPLACEMENT

ALTERATIONS - LEVEL 2
• RECONFIGURATION OF MAIN ENTRANCE FOR SECURITY
• ROOF STRUCTURAL REINFORCEMENT

APPLICABLE CODES AND STANDARDS:
BASED ON THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE INCLUDING APPLICABLE 2018 ICC CODES, 2020 BUILDING CODE OF NYS INCLUDING THE 2020 BCNYS, 2020 EBCNYS AND 2020 ECCNYS, ICC A117.1-09 STANDARD FOR ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES AND COMMISSIONER OF EDUCATIONS 155 REGULATIONS (SED MPS-98).

BUILDING DATA:
BUILDING: OSTRANDER ELEMENTARY SCHOOL
137 VIOLA AVE.
WALLKILL, NY 12589
DESCRIPTION: ONE STORY MASONRY AND REINFORCED CONCRETE BUILDING WITH BASEMENT.
YEAR BUILT: 1954 HARRY HALVERSON ARCHITECT
BUILDING AREA: BASEMENT 4,734 SQFT
1ST FLOOR 69,303 SQFT
TOTAL GROSS AREA= 74,037 SQFT

CODE DATA SUMMARY:
USE GROUP: E - EDUCATION
CONSTRUCTION TYPE -
EXISTING: IIB
NEW: IIB
SPRINKLERED: NO
WORK AREA:

LOCATION	AREA	% OF TOTAL
BASEMENT	0 SQFT	0%
1ST FLOOR	69,303 SQFT	0.90%
2ND FLOOR	0 SQFT	0%
3RD FLOOR	0 SQFT	0%

CORRIDOR DOORS: ALL CORRIDOR DOORS SCHEDULED TO BE REPLACED SHALL HAVE MINIMUM FIRE DOOR ASSEMBLY RATING OF 20 MINUTES IN ACCORDANCE WITH SECTION 716.5

PATH OF CODE COMPLIANCE:
2018 IBC CODES AND 2020 EXISTING BUILDING CODE OF NYS
301.1.2 WORK AREA COMPLIANCE METHOD
CHAPTER 6 - CLASSIFICATION OF WORK
602 ALTERATION - LEVEL 1 (CHAPTER 7)
603 ALTERATION - LEVEL 2 (CHAPTER 8)
NEW CONSTRUCTION WILL COMPLY WITH REQUIREMENTS OF 2018 ICC CODES, 2020 BUILDING CODE OF NYS INCLUDING THE 2020 BCNYS, 2020 EBCNYS AND 2020 ECCNYS, ICC A117.1-09 STANDARD FOR ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES AND COMMISSIONER OF EDUCATIONS 155 REGULATIONS (SED MPS-98).
CORRIDOR ENCLOSURES (PER TABLE 1020.1):
FOR CORRIDOR FIRE RESISTANCE - SEE ENLARGED PLANS, PARTITION TYPES AND DOOR SCHEDULE.
ALL CROSS CORRIDOR PARTITIONS ARE SMOKE PARTITIONS AND EXTEND FROM FINISH FLOOR TO DECK ABOVE.

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:

- REFER TO PLANS FOR RESCUE WINDOW LOCATIONS.
- REFER TO SPECIFICATION SECTION 10 14 00 AND SIGNAGE DRAWINGS FOR TYPES AND LOCATIONS.
- PROVIDE MAX OCCUPANCY SIGNS FOR THE FOLLOWING:

ROOM NAME	OCCUPANCY
COURTYARD C1	800

NOTE: COURTYARD MAX OCCUPANCY SIGN TO BE PLACED AT ALL DOORS INTO AND EXITING FROM THE COURTYARD.

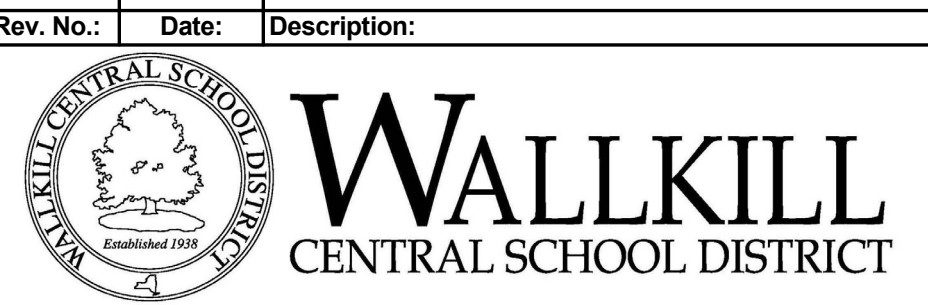
General Code Notes

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

- RW RESCUE WINDOW
- 1954 ORIGINAL BUILDING
 - 1965 BUILDING ADDITION
 - 1973 BUILDING ADDITION
 - 1989/1990 BUILDING ADDITION
 - 1992 BUILDING ADDITION
 - 2001 BUILDING ADDITION

S.E.D. Control No. 62-18-01-06-0-003-014



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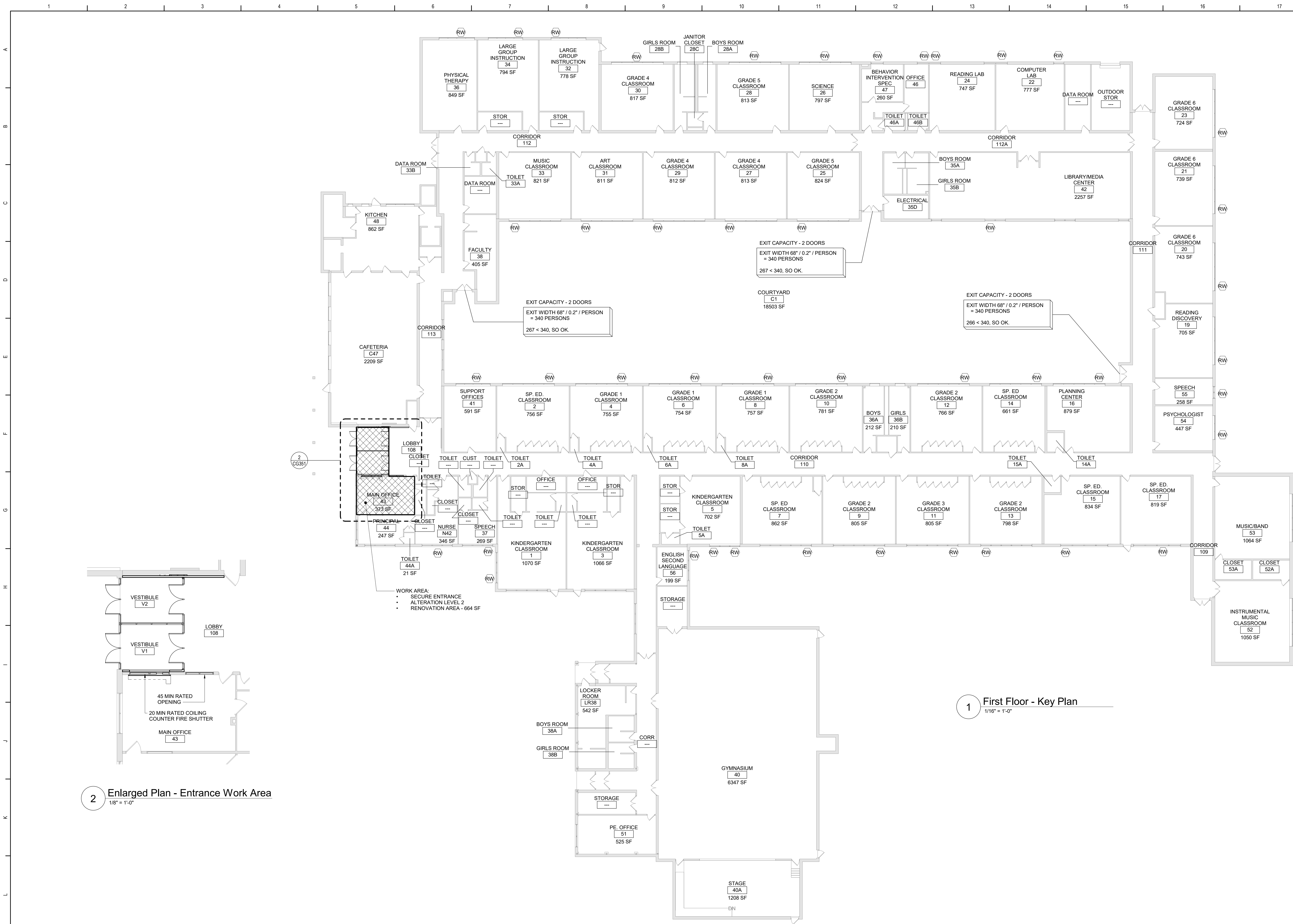


Wallkill Central School District
Wallkill, New York

Reconstruction to:
Ostrander Elementary School

Code Compliance Review

Drawn By: Author	Date: 11/4/2022	Drawing Number:
Project No.: 17597-22001	CG350	

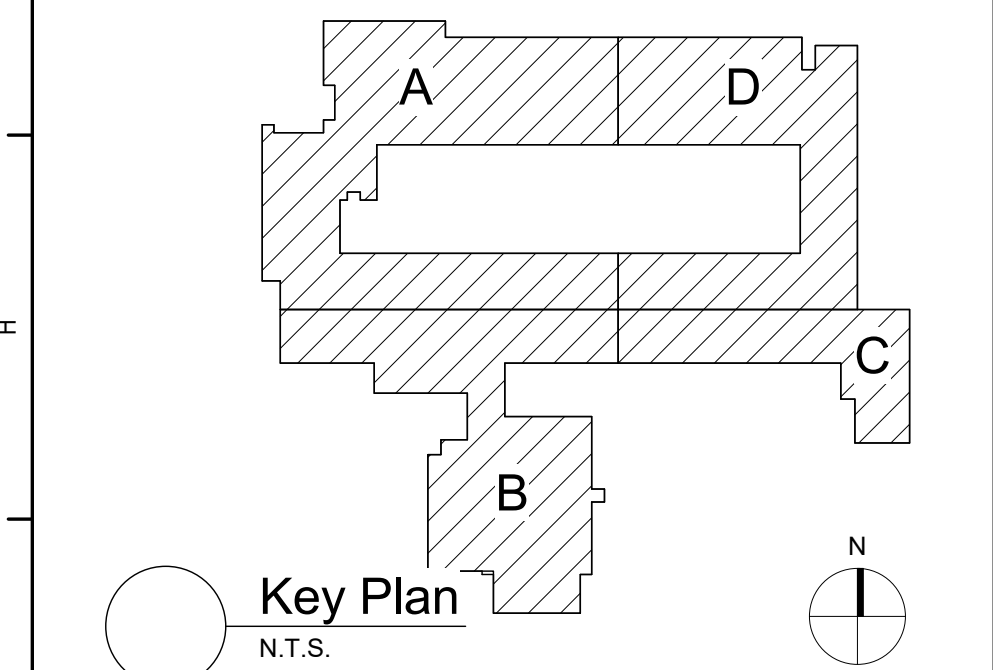


General Code Notes

- 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.
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- 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

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- 1954 ORIGINAL BUILDING
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- 2001 BUILDING ADDITION



S.E.D. Control No. 62-18-01-06-0-003-014

Rev. No.	Date	Description



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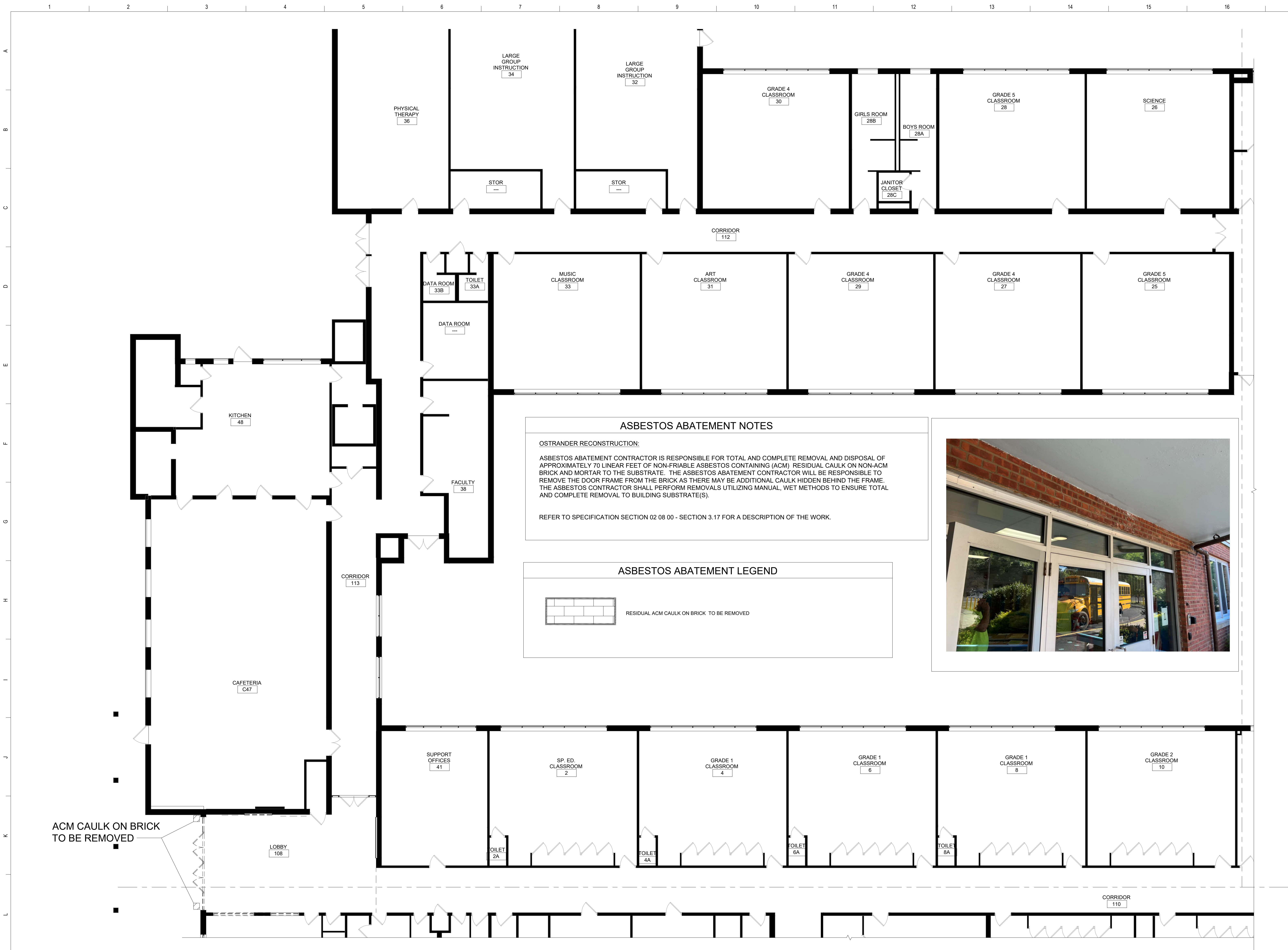


Walkkill Central School District
Walkkill, New York

Reconstruction to:
Ostrander Elementary School

First Floor - Scope of Work and Rescue
Window Locations

Drawn By: Author	Date: 11/4/2022	Drawing Number:
Project No.: 17597-22001		CG351



ASBESTOS ABATEMENT NOTES

OSTRANDER RECONSTRUCTION:

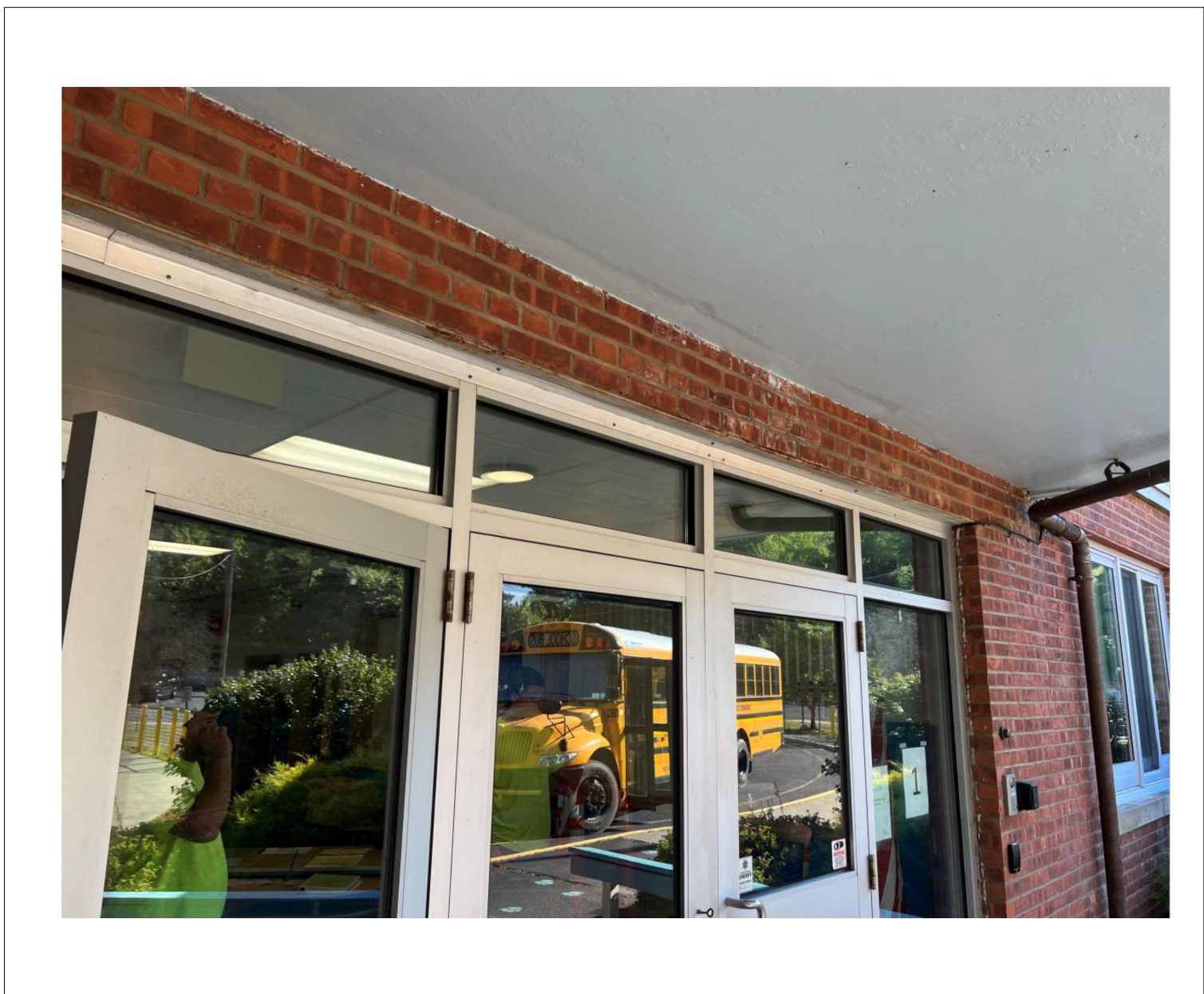
ASBESTOS ABATEMENT CONTRACTOR IS RESPONSIBLE FOR TOTAL AND COMPLETE REMOVAL AND DISPOSAL OF APPROXIMATELY 70 LINEAR FEET OF NON-FRIABLE ASBESTOS CONTAINING (ACM) RESIDUAL CAULK ON NON-ACM BRICK AND MORTAR TO THE SUBSTRATE. THE ASBESTOS ABATEMENT CONTRACTOR WILL BE RESPONSIBLE TO REMOVE THE DOOR FRAME FROM THE BRICK AS THERE MAY BE ADDITIONAL CAULK HIDDEN BEHIND THE FRAME. THE ASBESTOS CONTRACTOR SHALL PERFORM REMOVALS UTILIZING MANUAL, WET METHODS TO ENSURE TOTAL AND COMPLETE REMOVAL TO BUILDING SUBSTRATE(S).

REFER TO SPECIFICATION SECTION 02 08 00 - SECTION 3.17 FOR A DESCRIPTION OF THE WORK.

ASBESTOS ABATEMENT LEGEND

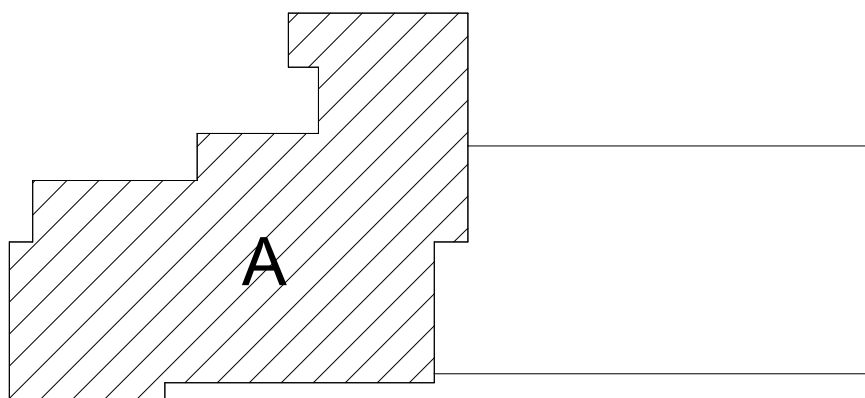


RESIDUAL ACM CAULK ON BRICK TO BE REMOVED



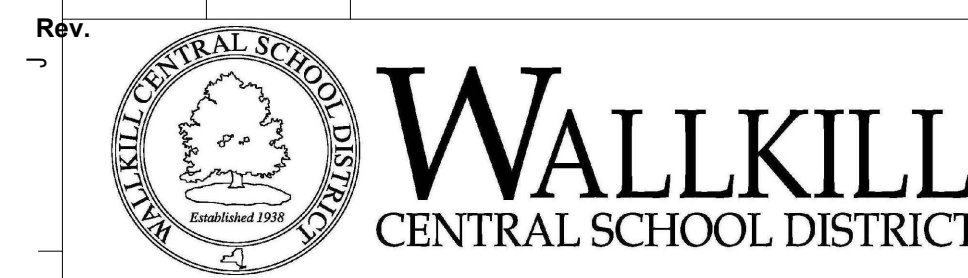
1 First Floor - Abatement Plan
1/8" = 1'-0"

A
B
C
D
E
F
G
H
I
J
K
L
M
N



Key Plan
N.T.S.

S.E.D. Control No. 62-18-01-06-0-003-014



BID SET

Quality Environmental Solutions & Technologies, Inc.
1298 NYS Route 9
Wappingers Falls, NY 12590
Tel: (845) 298-6031

Wallkill Central School District
Wallkill, New York

Reconstruction to:
Ostrander Elementary School

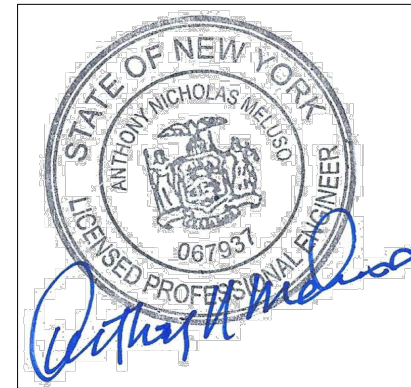
First Floor Abatement Plan

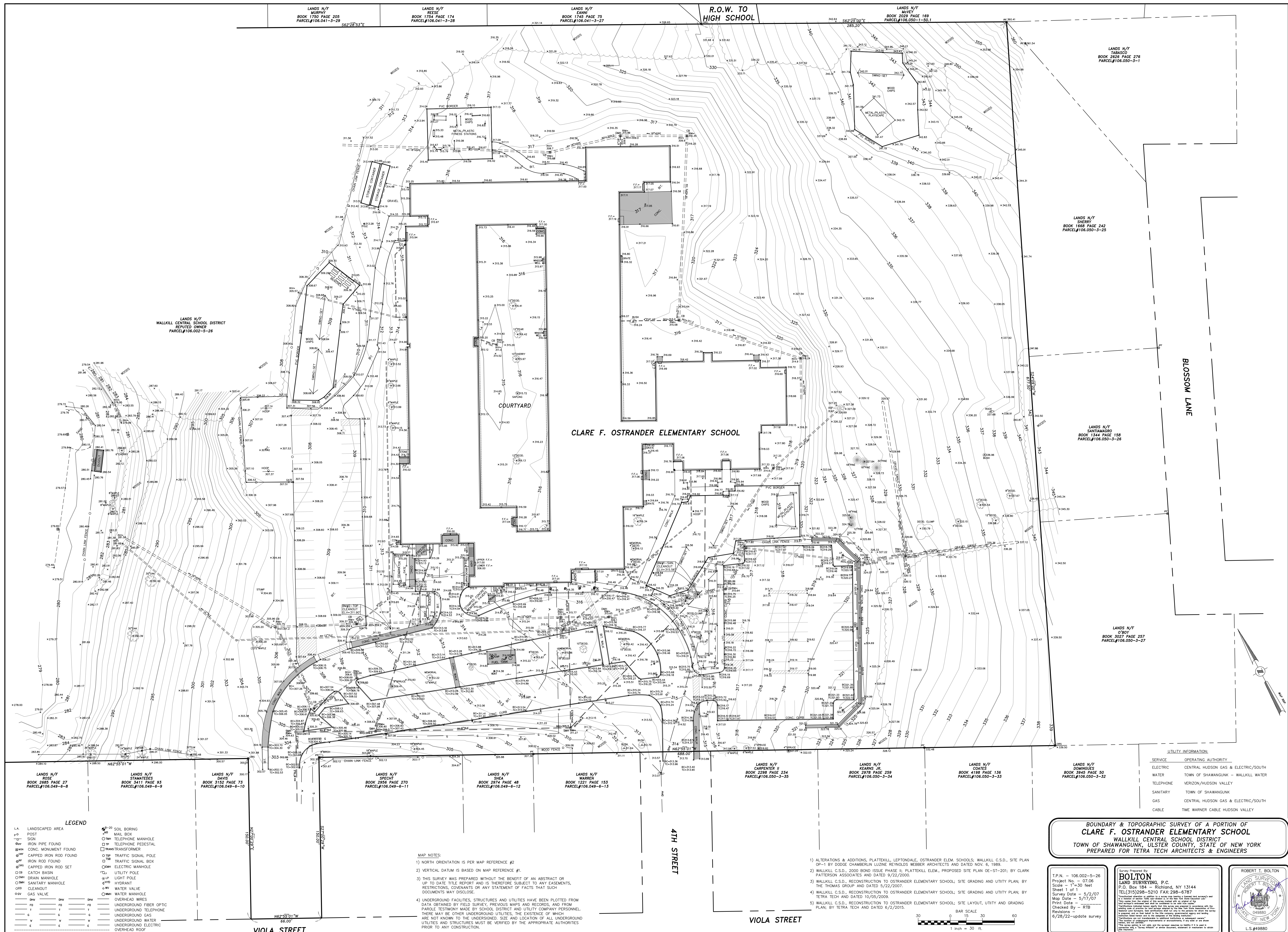
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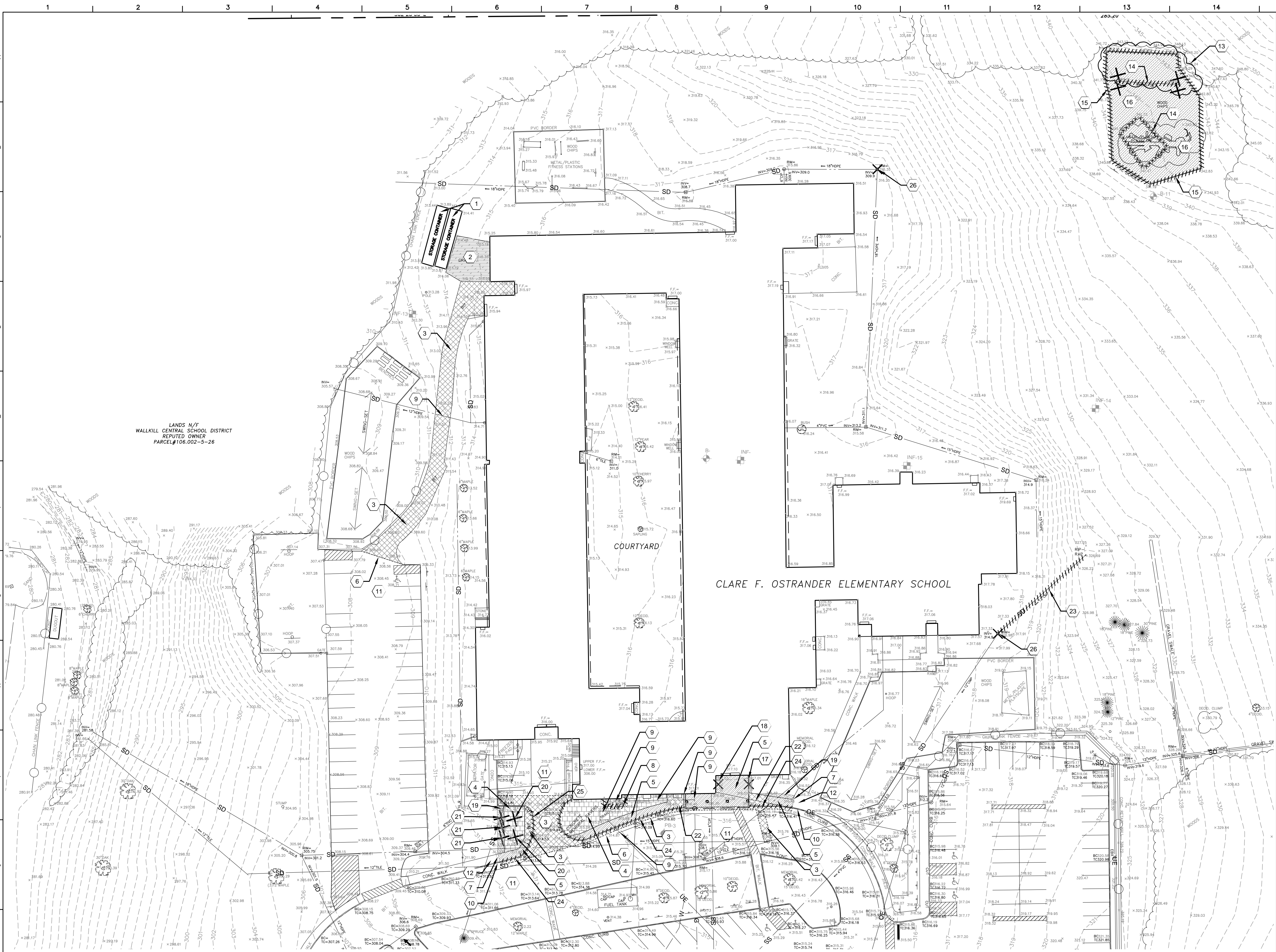
Project No.:

17597-22001

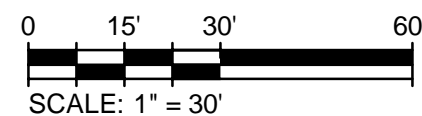
CHAZ101







1 Site Demolition Plan
1" = 30'



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.

Site Preparation/Demolition General Notes

1. THESE GENERAL SITE / PREPARATION / DEMOLITION NOTES REFER TO C-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, 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 Preparation/Demolition Key Notes

1. OWNER TO RELOCATE STORAGE CONTAINERS PRIOR TO START OF WORK.
2. REMOVE GRAVEL SECTION, INCLUDING AGGREGATE AND SUBBASE. REMOVE ADDITIONAL SUBBASE AS REQUIRED TO MEET DESIGN GRADES AND ACCOMMODATE NEW WORK.
3. REMOVE EXISTING ASPHALT PAVEMENT SECTION, INCLUDING AGGREGATE AND SUBBASE. REMOVE ADDITIONAL SUBBASE AS REQUIRED TO MEET DESIGN GRADES AND ACCOMMODATE NEW WORK.
4. REMOVE AND STOCKPILE CONCRETE PAVERS AT A LOCATION PROVIDED BY OWNERS REPRESENTATIVE (TYP.).
5. REMOVE AND DISPOSE CONCRETE PAVEMENT SECTION INCLUDING AGGREGATE AND SUBBASE. REMOVE ADDITIONAL SUBBASE AS REQUIRED TO MEET DESIGN GRADES AND ACCOMMODATE NEW WORK.
6. SAW CUT EXISTING ASPHALT PAVEMENT, LEAVING NEAT, SMOOTH AND STRAIGHT EDGE (TYP.).
7. SAW CUT EXISTING CONCRETE WALK AT NEAREST JOINT..
8. REMOVE AND DISPOSE CHAIN LINK FENCE.
9. EXISTING UTILITY TO REMAIN, PROTECT.
10. EXISTING CURB TO REMAIN, PROTECT.
11. EXISTING ASPHALT TO REMAIN, PROTECT. (TYP.)
12. EXISTING CONCRETE TO REMAIN, PROTECT. (TYP.)
13. PRUNE OVERHANGING TREE LIMBS. CLEAR AND GRUBBING OF BRUSH AND TREES TO ALLOW FOR THE PROPOSED IMPROVEMENTS. CHIPPING ORGANIC SPOILS MAY BE SPOILED ON SITE, IN LOCATION IDENTIFIED BY OWNERS REPRESENTATIVE.
14. REMOVE PLAYGROUND EQUIPMENT, POSTS AND FOOTINGS.
15. REMOVE PLAYGROUND PERIMETER EDGING.
16. REMOVE PLAYGROUND SAFETY SURFACING MATERIAL (ENGINEERED WOOD FIBER). EXCAVATE UNDERLYING SUBGRADE AS REQUIRED TO ACCOMMODATE NEW WORK.
17. REMOVE AND DISPOSE BENCH.
18. REMOVE BENCH AND REINSTALL AFTER NEW SIDE WALK IS COMPLETE.
19. 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.).
20. REMOVE AND DISPOSE BIKE RACK.
21. REMOVE EXISTING SIGNAGE, POSTS AND FOOTINGS. REINSTALL AFTER NEW SIDE WALK IS COMPLETE.
22. REMOVE EXISTING ASPHALT PAVEMENT SECTION, INCLUDING ANY CONCRETE PAVEMENT THAT MAY BE BELOW, AGGREGATE AND SUBBASE. REMOVE ADDITIONAL SUBBASE AS REQUIRED TO MEET DESIGN GRADES AND ACCOMMODATE NEW WORK.
23. REMOVE UNDERGROUND UTILITY AND BACKFILL PER SPECIFICATIONS. EXISTING UTILITIES UNDER SITE FEATURES THAT CAN NOT BE REMOVED CAN BE ABANDONED IN PLACE, CAP ENDS AND FILL WITH FLOWABLE FILL.
24. REMOVE AND DISPOSE EXISTING CONCRETE CURB.
25. REMOVE AND DISPOSE EXISTING GRANITE CURB.
26. REMOVE EXISTING STORM STRUCTURE. BACKFILL VOIDS IN SPECIFIED LIFTS. REFER TO PROJECT MANUAL - EARTH MOVING SECTION. GEOTECHNICAL ENGINEER TO BE PRESENT DURING FILL AND COMPACTION OPERATIONS.

General Site Notes

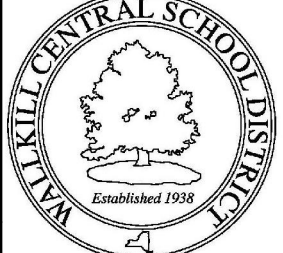
1. THESE GENERAL SITE NOTES APPLY TO CC-SERIES DRAWINGS.
2. REFER TO SURVEY FOR INFORMATION ON EXISTING FEATURES. IF EXISTING FEATURES ARE MISSING, MODIFIED, OBSCURED, OR THERE IS A CONFLICT BETWEEN HOW AN EXISTING FEATURE IS PORTRAYED ON THIS SHEET AND THE SURVEY, THE SURVEY SHALL GOVERN.
3. PRIOR TO 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 CONCRETE PAVEMENT SECTION AND SUBBASE AS REQUIRED
	REMOVE EXISTING GRAVEL PAVEMENT SECTION AND SUBBASE
	REMOVE EXISTING CONCRETE PAVERS SECTION AND SUBBASE
XXXX	REMOVE SITE FEATURE AS INDICATED IN DEMOLITION KEYNOTES (Outline of Feature)
X	REMOVE SITE FEATURE AS INDICATED IN DEMOLITION KEYNOTES (Specific Feature)
---	REMOVE LINEAR FEATURE REFER TO DRAWING'S FOR TYPE
	REMOVE EXISTING LAWN AND SOIL AS REQUIRED

S.E.D. Control No. 62-18-01-06-0-003-014

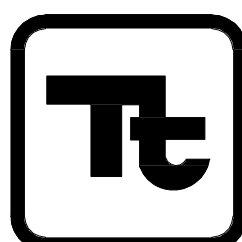
Rev. No.: Date: Description:



WALLKILL
CENTRAL SCHOOL DISTRICT

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



TETRA TECH
ARCHITECTS & ENGINEERS

Walkill Central School District
Walkill, New York

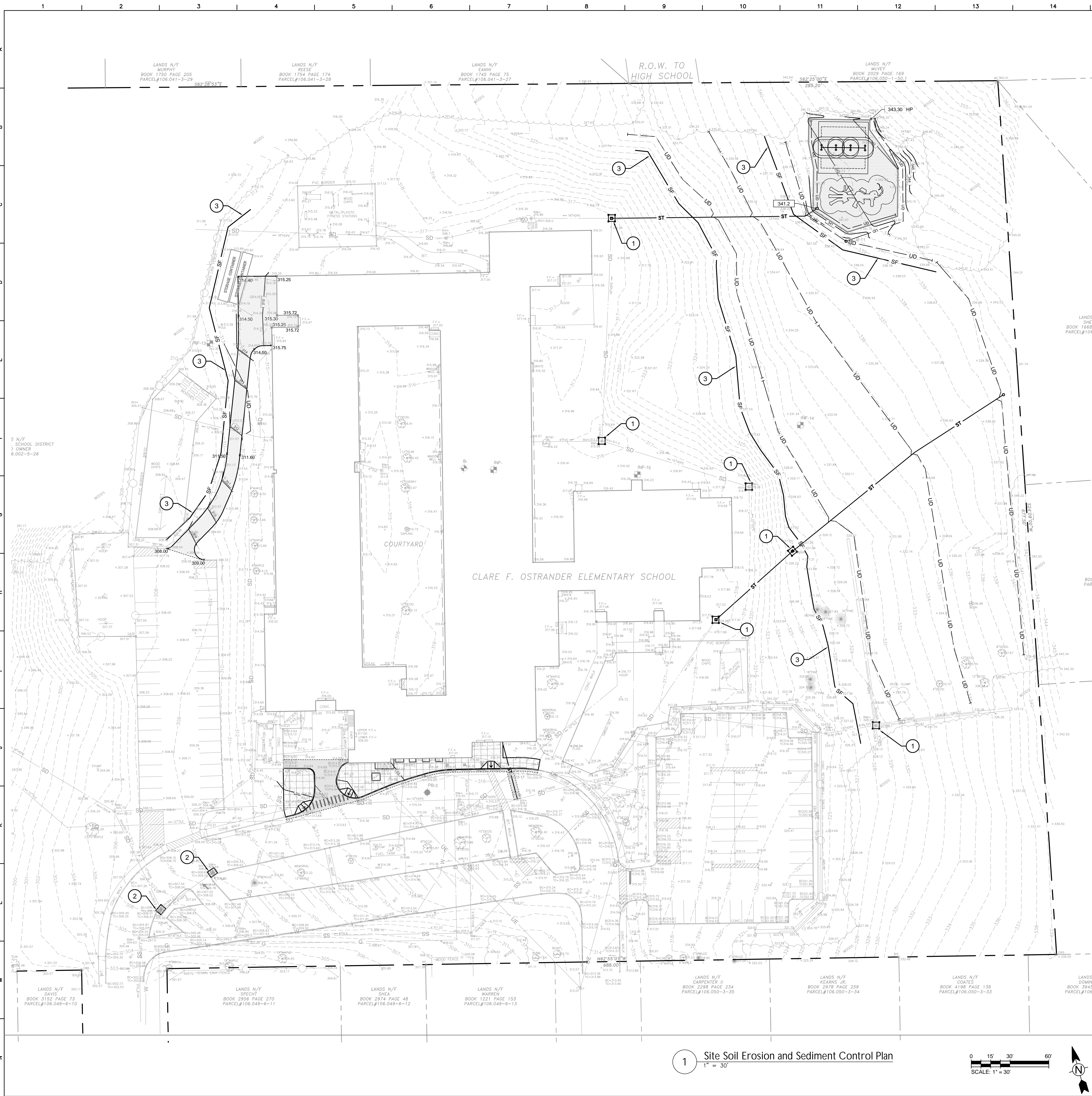
Reconstruction to:
Ostrander Elementary School

Site Demolition Plan

Drawn by: J.L.P. Date: 11/4/2022 Drawing No.:

Project No.:
17597-22001

CC100



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'X10' 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.

General Site Notes

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

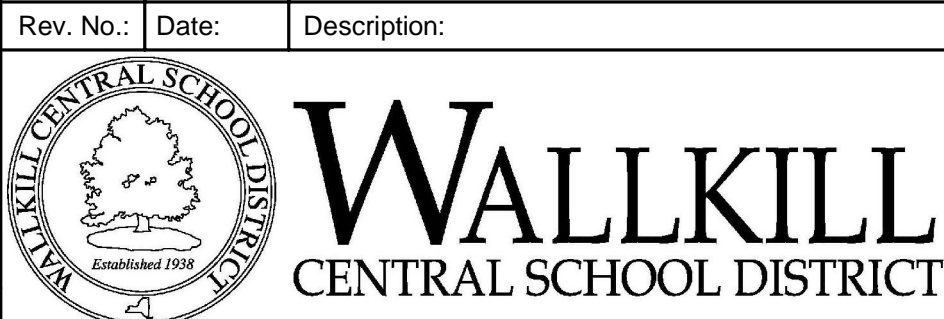
Soil Erosion & Sediment Control Key Notes

1. PROVIDE INLET PROTECTION IN LAWN. SEE DETAIL 4 / CC500.
2. PROVIDE DROP-IN INLET PROTECTION, (TYP.). SEE DETAIL 1 / CC500.
3. PROVIDE SILT FENCE, (TYP.). SEE DETAIL 2 / CC500.

SOIL EROSION AND SEDIMENT CONTROL LEGEND

SYMBOL	DESCRIPTION
	TEMPORARY CONSTRUCTION ENTRANCE
	TREE PROTECTION
	SILT FENCE
	DROP-IN INLET PROTECTION
	INLET PROTECTION IN LAWN
	TURF REINFORCEMENT ROLLED EROSION CONTROL BLANKET

S.E.D. Control No. 62-18-01-06-0-003-014



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



Wallkill Central School District
Wallkill, New York

Reconstruction to:
Ostrander Elementary School

Site Soil Erosion and Sediment Control Plan

Drawn by: J.L.P.	Date: 11/4/2022	Drawing No.:
Project No.:		CC110



General Site Notes

1. REFER TO DRAWING CC100 FOR GENERAL SITE NOTES THAT APPLY TO ALL CC-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 NYSOT 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. THE PLAYGROUND PERIMETER EDGING LAYOUT INDICATED ON THE DRAWINGS IS APPROXIMATE. CONTRACTOR SHALL ADJUST THE LAYOUT OF THE PLAYGROUND PERIMETER EDGING TO PROVIDE THE PROTECTED (SAFETY) AREAS REQUIRED BY LAW, INCLUDING AREAS AROUND EXISTING AND PROPOSED PLAY EQUIPMENT.

Site Layout Keynotes

- 1 SMOOTH TRANSITION FROM PROPOSED SURFACE TO ADJACENT EXISTING SURFACE (TYP.).
- 2 CONCRETE SIDEWALK. SEE DETAILS 5 AND 8 / CC500.
- 3 INTEGRAL CONCRETE CURB AT SIDEWALK. SEE DETAIL 17 / CC500.
- 4 AUTO DUTY ASPHALT PAVING. SEE DETAIL 14 / CC500.
- 5 EDGE OF PAVEMENT WITHOUT CURB.
- 6 SEEDED AREA - 6-IN OF AMENDED TOPSOIL, FINE GRADE, SEED, FERTILIZE AND MULCH. LEAVE NEAT SMOOTH EDGE (TYP.).
- 7 NEW CONCRETE WALK AT EXISTING WALK. SEE DETAIL 7 / CC500.
- 8 ACCESSIBLE RAMP WITH ACCESSIBLE WARNING SURFACE AND DROP CURB. SEE DETAILS 10 AND 18 / CC500 AND 1 / AC501.
- 10 EXISTING CONCRETE SIDEWALK TO REMAIN. PROTECT.
- 11 ASPHALT PAVING AT EXISTING ASPHALT (TYP.). SEE DETAIL 6 / CC500.
- 12 BLACK VINYL COATED CHAIN LINK FENCE AROUND AND OVER GAS METERS. MATCH EXISTING FENCE DIMENSIONS. PRIVACY SLATS ON 3 SIDES. SEE DETAIL 20 / CC500.
- 13 ACCESSIBLE RAMP WITH ACCESSIBLE WARNING SURFACE AND DROP CURB. SEE DETAIL 10 / CC500.
- 14 HEAVY DUTY ASPHALT PAVING. SEE DETAIL 15 / CC500.
- 15 CONCRETE SIDEWALK TO BE DOWELED IN BUILDING FOOTING. REMOVE AND REINSTALL THRESHOLD TO ALLOW CONCRETE PLACEMENT FINISHING TO FOUNDATION SEE DETAIL 9 / CC500.
- 16 PROVIDE CROSSWALK - PAINTED. SEE DETAIL 11 / CC500.
- 17 ENGINEERED WOOD FIBER PLAYGROUND SURFACING THROUGHOUT AREA WITHIN PLAYGROUND EDGING. SEE DETAIL 23 / CC500.
- 18 WEAR PADS AT THE BOTTOM OF EACH SLIDE AND UNDER EACH SWING SEAT (TYP.). SEE DETAIL 19 / CC500.
- 19 HDPE MODULAR EDGING AT PERIMETER OF PLAYGROUND SURFACING. STAKE OUT IN FIELD FOR OWNER APPROVAL BEFORE INSTALLATION. SEE DETAIL 23 / CC500.
- 20 PLAY APPARATUS
- 21 PLAY APPARATUS - SWING SET.
- 22 PLAYGROUND POST FOOTING (TYPICAL). SEE DETAIL 21 / CC500.
- 23 PRUNE TREE BRANCHES OVERHANGING PLAYGROUND. SEE DEMO PLAN.

S.E.D. Control No. 62-18-01-06-0-003-014

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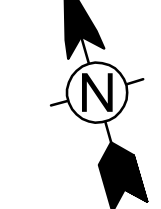
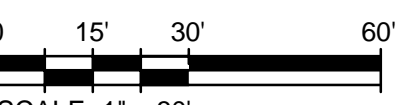
Wallkill Central School District
Wallkill, New York

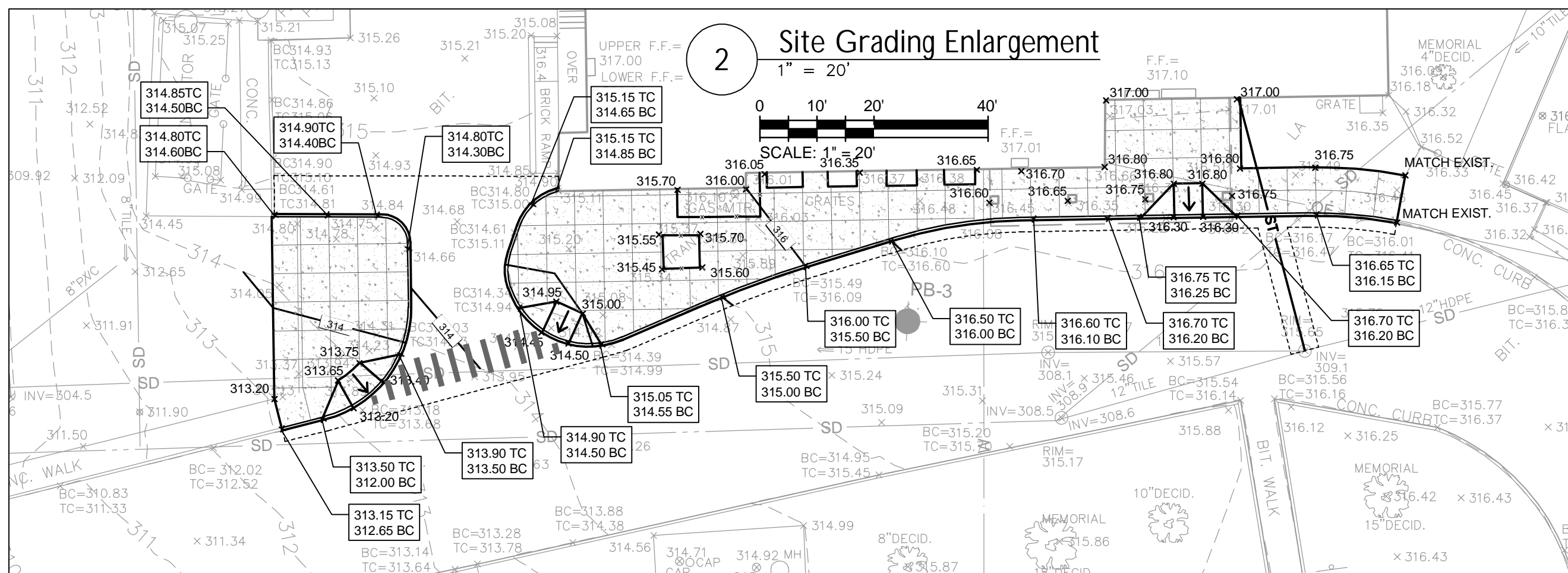
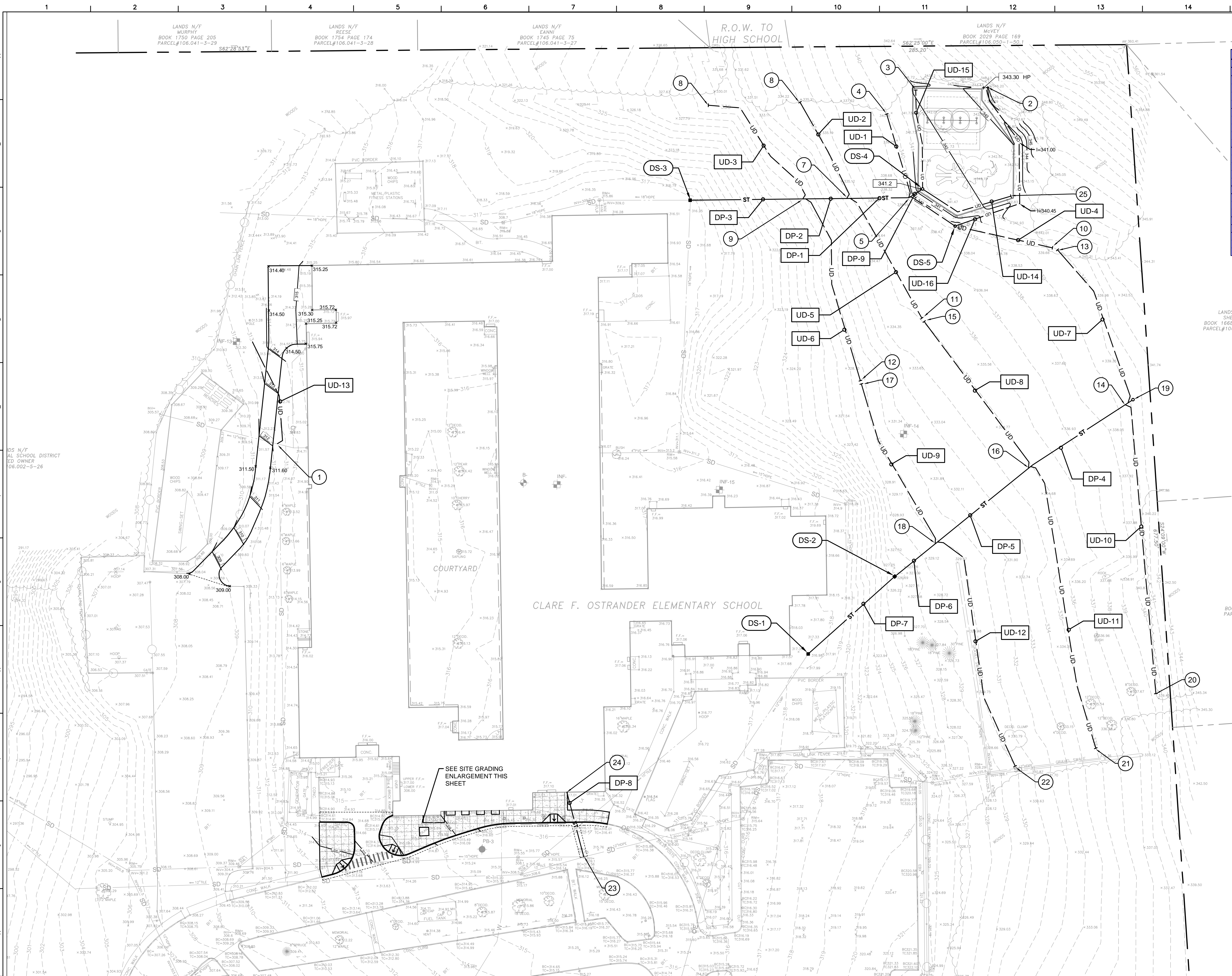
Reconstruction to:
Ostrander Elementary School

Site Layout Plan

Drawn by: JMR	Date: 11/4/2022	Drawing No.:
Project No.:		
17597-22001		CC120

1 Site Layout Plan
1" = 30'





Storm Drainage Structure Schedule			
ID	STRUCTURE TYPE	CONNECTION DATA	
DS-1	2' x 2' CONCRETE CATCH BASIN	@	TOP OF GRATE 316.98 12" INVERT IN = 314.90 EXIST. INVERT OUT = 314.90
DS-2	2' x 2' CONCRETE CATCH BASIN	@	TOP OF GRATE 326.50 12" INVERT IN = 323.90 12" INVERT OUT = 323.90
DS-3	2' x 2' CONCRETE CATCH BASIN	@	TOP OF GRATE 316.35 12" INVERT IN = 313.00 EXIST. 18" INVERT IN = 309.00 EXIST. 18" INVERT OUT = 309.00
DS-4	12-IN NYLOPLAST INLINE CATCH BASIN (COVER WITH FILTER FABRIC)	@	TOP OF GRATE 340.20 6" PERF. INVERT IN = 339.00 6" PERF. INVERT OUT = 339.00
DS-5	12-IN NYLOPLAST INLINE CATCH BASIN	@	TOP OF GRATE 339.10 6" PERF. INVERT IN = 337.35 6" PERF. INVERT OUT = 337.35

Storm Drainage Piping Schedule				
ID	LENGTH	SIZE/MATERIAL	SLOPE	Description
DP-1	45 LF OF	12" HDPE PIPE	@ 11.11%	Storm Line *
DP-2	30 LF OF	12" HDPE PIPE	@ 18.67%	Storm Line *
DP-3	77 LF OF	12" HDPE PIPE	@ 19.50%	Storm Line *
DP-4	79 LF OF	12" HDPE PIPE	@ 6.33%	Storm Line *
DP-5	82 LF OF	12" HDPE PIPE	@ 6.10%	Storm Line *
DP-6	36 LF OF	12" HDPE PIPE	@ 11.50%	Storm Line *
DP-7	78 LF OF	12" HDPE PIPE	@ 11.50%	Storm Line *
DP-8	45 LF OF	6" PVC PIPE	@ 7.80%	Storm Line *
DP-9	12 LF OF	6" HDPE PIPE	@ 6.67%	Storm Line *
* SEE PIPE TRENCH DETAIL 17/CC500 FOR BEDDING REQUIREMENTS.				
UD-1	60 LF OF	6" HDPE PERF. PIPE	@ 0.50%	Under Drain *
UD-2	75 LF OF	6" HDPE PERF. PIPE	@ 0.50%	Under Drain *
UD-3	100 LF OF	6" HDPE PERF. PIPE	@ 0.50%	Under Drain *
UD-4	105 LF OF	6" HDPE PERF. PIPE	@ 0.50%	Under Drain *
UD-5	100 LF OF	6" HDPE PERF. PIPE	@ 0.60%	Under Drain *
UD-6	134 LF OF	6" HDPE PERF. PIPE	@ 0.50%	Under Drain *
UD-7	120 LF OF	6" HDPE PERF. PIPE	@ 0.50%	Under Drain *
UD-8	120 LF OF	6" HDPE PERF. PIPE	@ 0.50%	Under Drain *
UD-9	120 LF OF	6" HDPE PERF. PIPE	@ 0.50%	Under Drain *
UD-10	200 LF OF	6" HDPE PERF. PIPE	@ 0.50%	Under Drain *
UD-11	200 LF OF	6" HDPE PERF. PIPE	@ 0.50%	Under Drain *
UD-12	165 LF OF	6" HDPE PERF. PIPE	@ 0.50%	Under Drain *
UD-13	75 LF OF	6" HDPE PERF. PIPE	@ 0.50%	Under Drain *
* SEE DETAIL 13/CC500 POROUS UNDERDRAIN IN LAWN FOR REQUIREMENTS				
UD-14	65 LF OF	6" HDPE PERF. PIPE	@ 2.15%	Under Drain *
UD-15	67 LF OF	6" HDPE PERF. PIPE	@ 1.64%	Under Drain *
* SEE DETAIL 22/CC500 PLAYGROUND DRAINAGE FOR REQUIREMENTS				
UD-16	132 LF OF	6" HDPE PERF. PIPE	@ VARIES	Under Drain *
* SEE DETAIL 13/CC500 POROUS UNDERDRAIN IN LAWN FOR REQUIREMENTS				

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

Site Utility and Drainage Keynotes

- 6-IN HDPE WYE CONNECTION, MATCH EXISTING INVERT.
- 6-IN HDPE STORM PIPE END CAP. INVERT = 342.25
- 6-IN HDPE STORM PIPE END CAP. INVERT = 340.10
- 6-IN HDPE STORM PIPE END CAP. INVERT = 338.30
- 6-IN HDPE WYE CONNECTION (TYP.). INVERT = 337.00
- 6-IN HDPE STORM PIPE END CAP. INVERT = 333.40
- 6-IN HDPE WYE CONNECTION (TYP.). INVERT = 333.00
- 6-IN HDPE STORM PIPE END CAP. INVERT = 328.50
- 6-IN HDPE WYE CONNECTION (TYP.). INVERT = 328.00
- 6-IN HDPE STORM PIPE END CAP. INVERT = 338.20
- 6-IN HDPE STORM PIPE END CAP. INVERT = 333.60
- 6-IN HDPE STORM PIPE END CAP. INVERT = 328.60
- 6-IN HDPE STORM PIPE END CAP. INVERT = 338.20
- 6-IN HDPE WYE CONNECTION (TYP.). INVERT = 338.00
- 6-IN HDPE STORM PIPE END CAP. INVERT = 333.60
- 6-IN HDPE WYE CONNECTION (TYP.). INVERT = 333.00
- 6-IN HDPE STORM PIPE END CAP. INVERT = 328.60
- 6-IN HDPE WYE CONNECTION (TYP.). INVERT = 328.00
- 6-IN HDPE CLEANOUT.
- 6-IN HDPE STORM PIPE END CAP. INVERT = 339.00
- 6-IN HDPE STORM PIPE END CAP. INVERT = 334.00
- 6-IN HDPE STORM PIPE END CAP. INVERT = 328.85
- 6-IN PVC CONNECTION INTO EXISTING DRAIN MANHOLE. INVERT=310.10
- 6-IN HDPE CONNECTION TO EXISTING DOWNSPOUT. INVERT = 313.60
- 6-IN HDPE STORM PIPE END CAP. INVERT = 340.40

General Site Notes

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

General Grading Plan Notes

- ALL FILL MATERIALS, INCLUDING ON-SITE MATERIALS, ARE TO BE SUBMITTED FOR ARCHITECT APPROVAL BEFORE PLACEMENT. REFER TO EARTH MOVING SPECIFICATION FOR REQUIREMENTS.
- ALL CUT OR FILL SLOPES SHALL BE 3:1 OR FLATTER UNLESS OTHERWISE NOTED.
- 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.
- 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.
- CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS AND STRUCTURES FOR NATURAL AND PAVED AREAS.
- 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.
- DISTURBED AREAS THAT ARE NOT RECEIVING PAVEMENT SHALL BE FINE GRADED, SEEDED OR SODDED, FERTILIZED AND MULCHED AS PER THE PROJECT MANUAL.
- 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.
- PROVIDE GRADE ADJUSTING RINGS OR SHIMS AT DROP-INLETS, CATCH BASINS AND MANHOLES IN AREAS SCHEDULED FOR REPAIRS OR REGRADING TO BRING RIMS UP TO LEVEL OF NEW FINISHED GRADE.
- EXISTING AND PROPOSED GRADE CONTOUR INTERVALS SHOWN AT 1-FOOT INTERVALS.
- ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING LIDS.
- 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.
- CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
- CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME.

ADA Site Notes

- THE MAXIMUM SLOPE OF ACCESSIBLE PARKING STALLS AND ASSOCIATED ACCESS AISLE SHALL BE 2% (1V:50H).
- THE MAXIMUM SLOPE IN THE DIRECTION OF TRAVEL ON ACCESSIBLE PATHS SHALL BE 5% (1V:20H).
- THE MAXIMUM CROSS SLOPE ON ACCESSIBLE PATHS SHALL BE 2% (1V:50H).
- 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.
- GROUND SURFACES ON ACCESSIBLE PATHS SHALL BE STABLE, FIRM, AND SLIP RESISTANT.

S.E.D. Control No. 62-18-01-06-0-003-014

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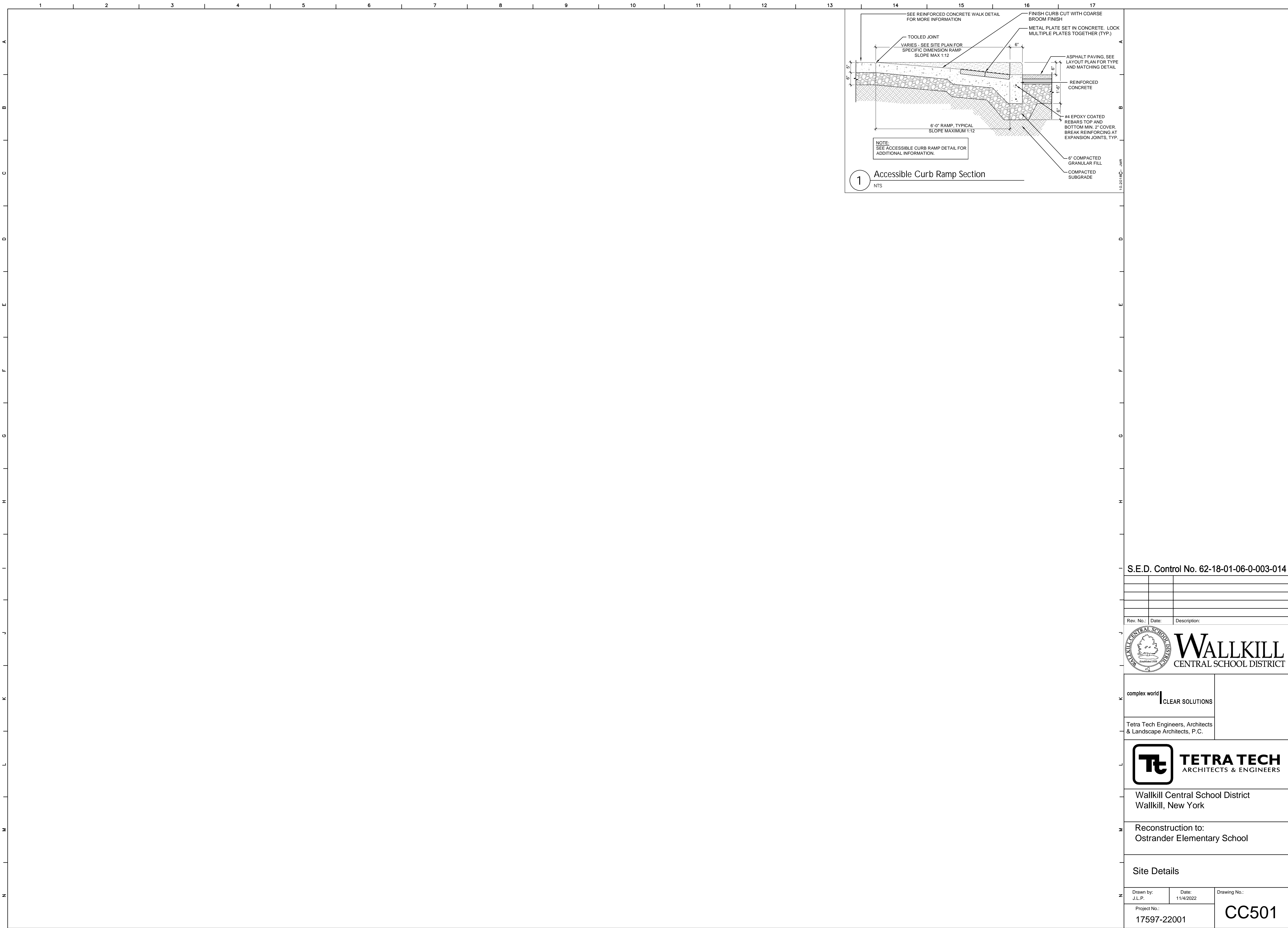
Walkill Central School District
Walkill, New York

Reconstruction to:
Ostrander Elementary School

Site Grading and Utility Plan

Drawn by: J.L.P.	Date: 11/4/2022	Drawing No.:
Project No.:	CC130	
17597-22001		

 TETRA TECH ARCHITECTS & ENGINEERS		
Wallkill Central School District Wallkill, New York		
Reconstruction to: Ostrander Elementary School		
Site Details		
Drawn by: J.L.P.	Date: 11/14/2022	Drawing No.: CC500
Project No.: 17597-22001		



S.E.D. Control No. 62-18-01-06-0-003-014

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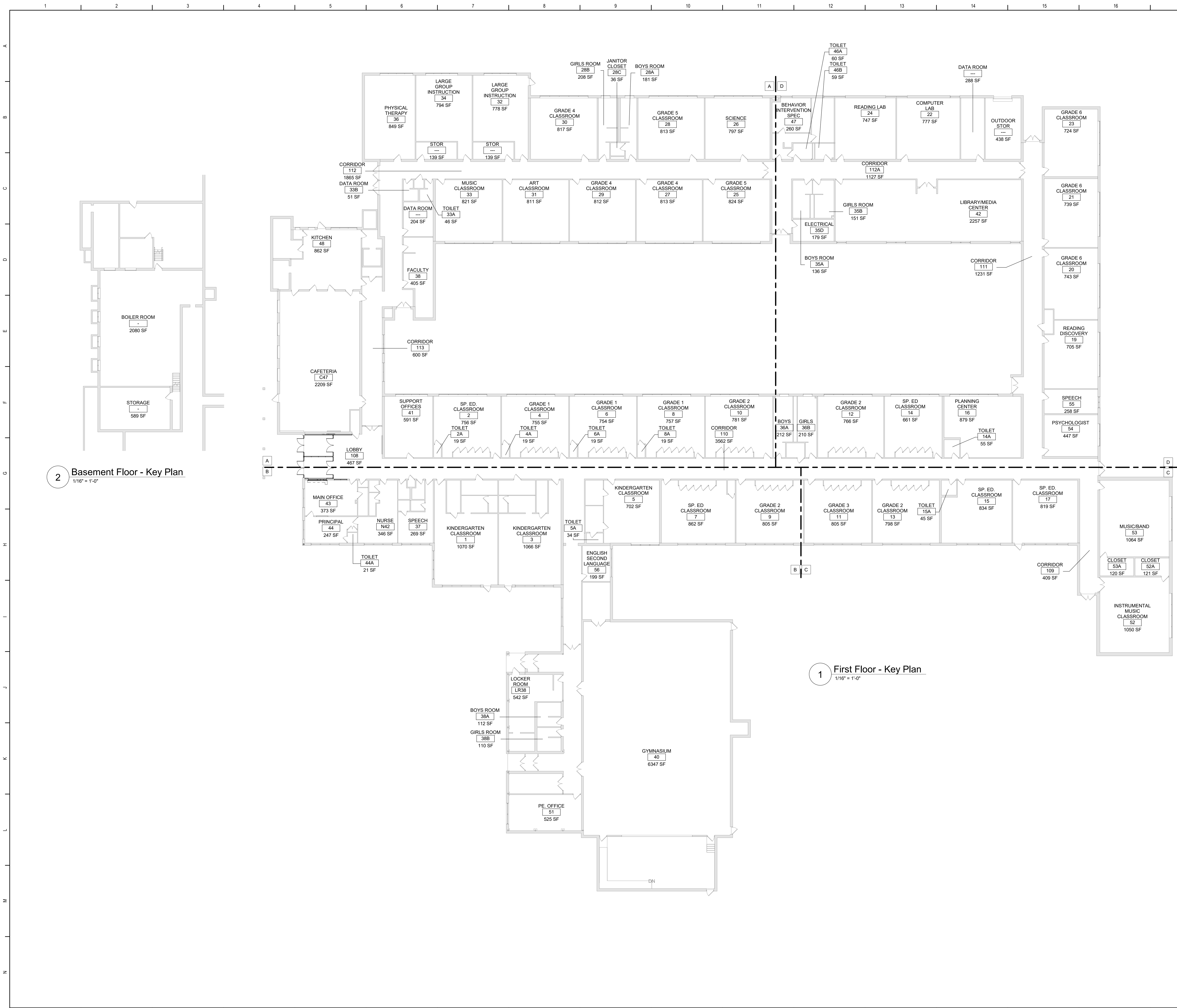


Wallkill Central School District
Wallkill, New York

Reconstruction to:
Ostrander Elementary School

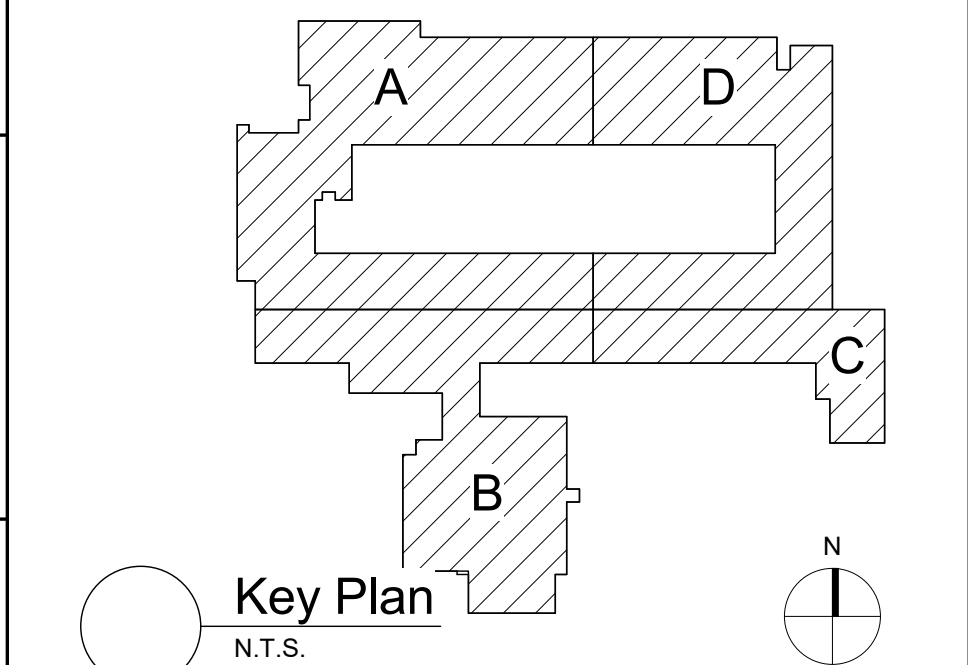
Site Details

Drawn by: J.L.P.	Date: 11/4/2022	Drawing No.:
Project No.:	CC501	
17597-22001		



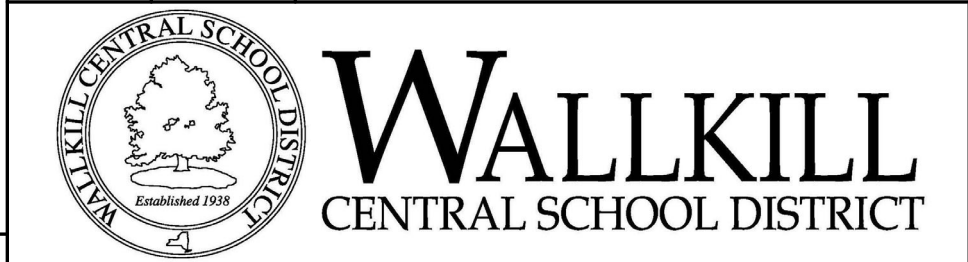
General Notes - Applies to All Drawings

- 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. 62-18-01-06-0-003-014

Rev. No.	Date	Description



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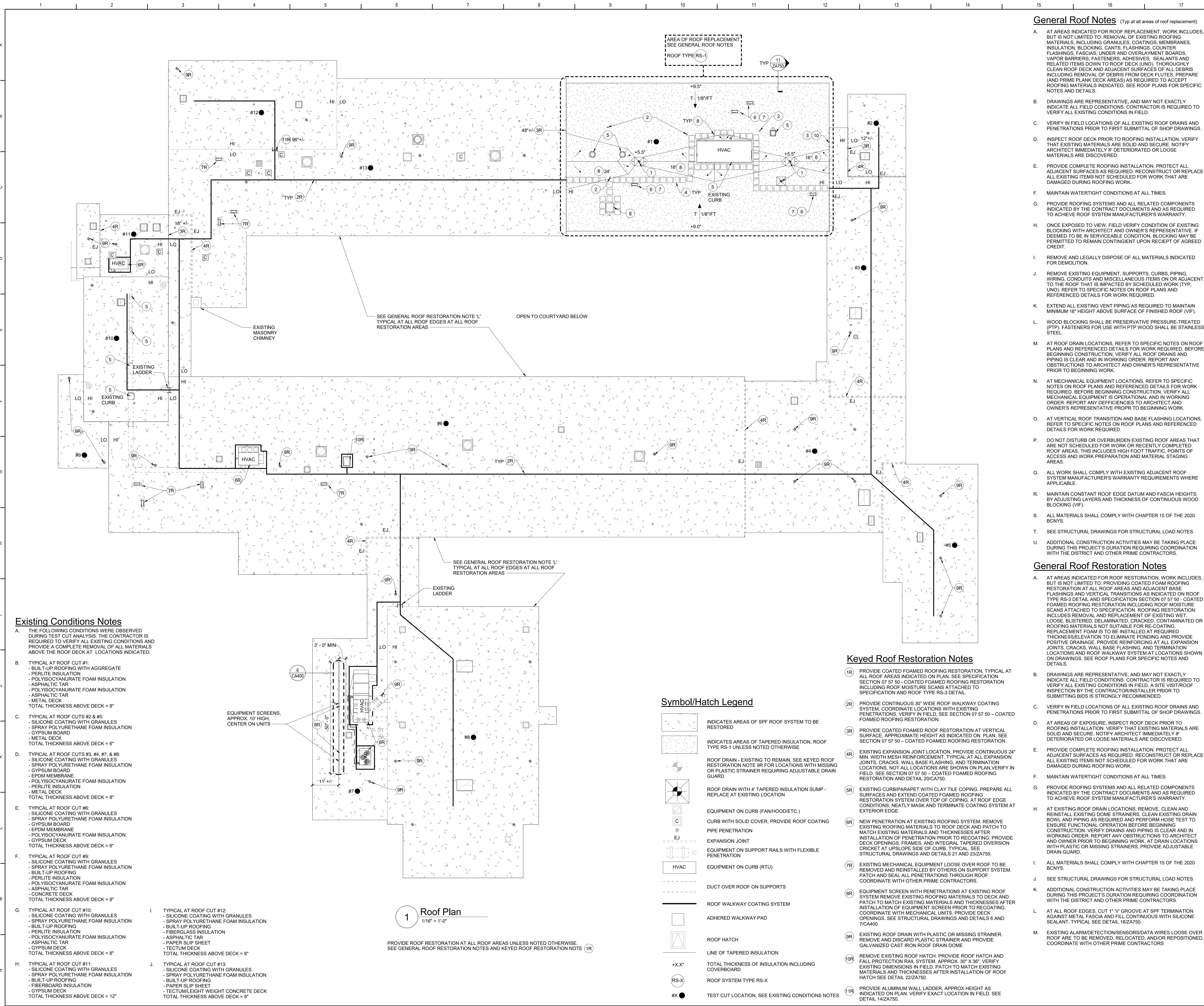


Wallkill Central School District
Wallkill, New York

Reconstruction to:
Ostrander Elementary School

First Floor Key Plan

Drawn By: TTAE	Date: 11/4/2022	Drawing Number:
Project No.: 17597-22001	CA051	



General Roof Notes (Typ at all areas of roof replacement)

- A. AT AREAS INDICATED FOR ROOF REPLACEMENT, WORK INCLUDES, BUT IS NOT LIMITED TO: REMOVAL OF EXISTING ROOFING MATERIALS, INCLUDING GRANULES, COATINGS, MEMBRANES, INSULATION, BLOCKINGS, GANTS, FLASHINGS, COUNTER FLASHINGS, FASCIAS, UNDER AND OVERLAYMENT BOARDS, VAPOR BARRIERS, FASTENERS, ADHESIVES, SEALANTS AND RELATED ITEMS DOWN TO ROOF DECK (UNO). THOROUGHLY CLEAN ROOF DECK AND ADJACENT SURFACES OF ALL DEBRIS INCLUDING REMOVAL OF DEBRIS FROM DECK FLUTES. PREPARE (AND PRIME FLANK DECK AREAS) AS REQUIRED TO ACCEPT ROOFING MATERIALS INDICATED. SEE ROOF PLANS FOR SPECIFIC NOTES AND DETAILS.
- B. DRAWINGS ARE REPRESENTATIVE, AND MAY NOT EXACTLY INDICATE ALL FIELD CONDITIONS. CONTRACTOR IS REQUIRED TO VERIFY ALL EXISTING CONDITIONS IN FIELD.
- C. VERIFY IN FIELD LOCATIONS OF ALL EXISTING ROOF DRAINS AND PENETRATIONS PRIOR TO FIRST SUBMITTAL OF SHOP DRAWINGS.
- D. INSPECT ROOF DECK PRIOR TO ROOFING INSTALLATION. VERIFY THAT EXISTING MATERIALS ARE SOLID AND SECURE. NOTIFY ARCHITECT IMMEDIATELY IF DETEIORATED OR LOOSE MATERIALS ARE DISCOVERED.
- E. PROVIDE COMPLETE ROOFING INSTALLATION. PROTECT ALL ADJACENT SURFACES AS REQUIRED. RECONSTRUCT OR REPLACE ALL EXISTING ITEMS NOT SCHEDULED FOR WORK THAT ARE DAMAGED DURING ROOFING WORK.
- F. MAINTAIN WATERTIGHT CONDITIONS AT ALL TIMES.
- G. PROVIDE ROOFING SYSTEMS AND ALL RELATED COMPONENTS INDICATED BY THE CONTRACT DOCUMENTS AND AS REQUIRED TO ACHIEVE ROOF SYSTEM MANUFACTURER'S WARRANTY.
- H. ONCE EXPOSED TO VIEW, FIELD VERIFY CONDITION OF EXISTING BLOCKING WITH ARCHITECT AND OWNER'S REPRESENTATIVE. IF DEEMED TO BE IN SERVICEABLE CONDITION, BLOCKING MAY BE PERMITTED TO REMAIN CONTINGENT UPON RECEIPT OF AGREED CREDIT.
- I. REMOVE AND LEGALLY DISPOSE OF ALL MATERIALS INDICATED FOR DEMOLITION.
- J. REMOVE EXISTING EQUIPMENT, SUPPORTS, CURBS, PIPING, WIRING, CONDUITS AND MISCELLANEOUS ITEMS ON OR ADJACENT TO THE ROOF THAT IS IMPACTED BY SCHEDULED WORK (TYP, UNO). REFER TO SPECIFIC NOTES ON ROOF PLANS AND REFERENCED DETAILS FOR WORK REQUIRED.
- K. EXTEND ALL EXISTING VENT PIPING AS REQUIRED TO MAINTAIN MINIMUM 18" HEIGHT ABOVE SURFACE OF FINISHED ROOF (VIF).
- L. WOOD BLOCKING SHALL BE PRESERVATIVE PRESSURE-TREATED (PTP). FASTENERS FOR USE WITH PTP WOOD SHALL BE STAINLESS STEEL.
- M. AT ROOF DRAIN LOCATIONS, REFER TO SPECIFIC NOTES ON ROOF PLANS AND REFERENCED DETAILS FOR WORK REQUIRED. BEFORE BEGINNING CONSTRUCTION, VERIFY ALL ROOF DRAINS AND PIPING IS CLEAR AND IN WORKING ORDER. REPORT ANY OBSTRUCTIONS TO ARCHITECT AND OWNER'S REPRESENTATIVE PRIOR TO BEGINNING WORK.
- N. AT MECHANICAL EQUIPMENT LOCATIONS, REFER TO SPECIFIC NOTES ON ROOF PLANS AND REFERENCED DETAILS FOR WORK REQUIRED. BEFORE BEGINNING CONSTRUCTION, VERIFY ALL MECHANICAL EQUIPMENT IS OPERATIONAL AND IN WORKING ORDER. REPORT ANY DEFICIENCIES TO ARCHITECT AND OWNER'S REPRESENTATIVE PROPR TO BEGINNING WORK.
- O. AT VERTICAL ROOF TRANSITION AND BASE FLASHING LOCATIONS, REFER TO SPECIFIC NOTES ON ROOF PLANS AND REFERENCED DETAILS FOR WORK REQUIRED.
- P. DO NOT DISTURB OR OVERBURDEN EXISTING ROOF AREAS THAT ARE NOT SCHEDULED FOR WORK OR RECENTLY COMPLETED ROOF AREAS. THIS INCLUDES HIGH FOOT TRAFFIC POINTS OF ACCESS AND WORK PREPARATION AND MATERIAL STAGING AREAS.
- Q. ALL WORK SHALL COMPLY WITH EXISTING ADJACENT ROOF SYSTEM MANUFACTURER'S WARRANTY REQUIREMENTS WHERE APPLICABLE.
- R. MAINTAIN CONSTANT ROOF EDGE DATUM AND FASCIA HEIGHTS, BY ADJUSTING LAYERS AND THICKNESS OF CONTINUOUS WOOD BLOCKING (VIF).
- S. ALL MATERIALS SHALL COMPLY WITH CHAPTER 15 OF THE 2020 BCNYS.
- T. SEE STRUCTURAL DRAWINGS FOR STRUCTURAL LOAD NOTES.
- U. ADDITIONAL CONSTRUCTION ACTIVITIES MAY BE TAKING PLACE DURING THIS PROJECT'S DURATION REQUIRING COORDINATION WITH THE DISTRICT AND OTHER PRIME CONTRACTORS.

General Roof Restoration Notes

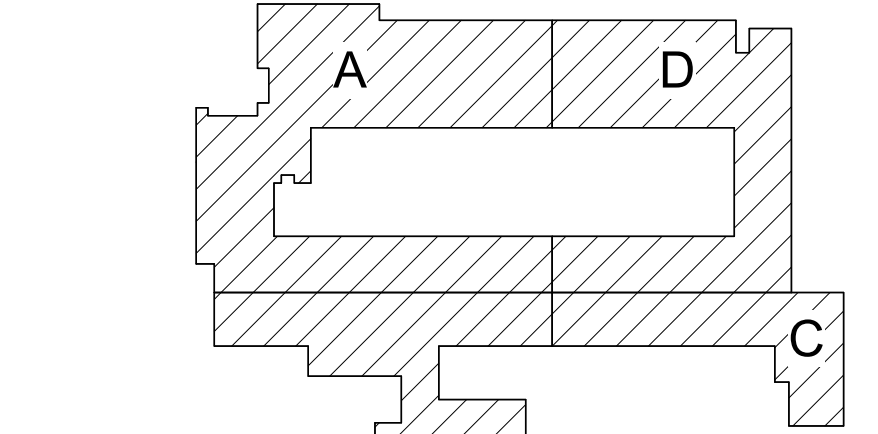
- A. AT AREAS INDICATED FOR ROOF RESTORATION, WORK INCLUDES, BUT IS NOT LIMITED TO: PROVIDING COATED FOAM ROOFING RESTORATION AT ALL ROOF AREAS AND ADJACENT BASE FLASHINGS AND VERTICAL TRANSITIONS AS INDICATED ON ROOF TYPE RS-3 DETAIL AND SPECIFICATION SECTION 07 57 50 - COATED FOAMED ROOFING INCLUDING ROOF MOISTURE SCANS ATTACHED TO SPECIFICATION. ROOFING RESTORATION INCLUDES REMOVAL AND REPLACEMENT OF EXISTING WET, LOOSE, BULTERED, DELAMINATED, CRACKED, CONTAMINATED OR ROOFING MATERIALS NOT SUITABLE FOR RE-COATING. REPLACEMENT FOAM IS TO BE INSTALLED AT REQUIRED THICKNESS/ELEVATION TO ELIMINATE PONDING AND PROVIDE POSITIVE DRAINAGE. PROVIDE REINFORCING AT ALL EXPANSION JOINTS, CRACKS, WALL BASE FLASHING, AND TERMINATION LOCATIONS AND ROOF WALKWAY SYSTEM AT LOCATIONS SHOWN ON DRAWINGS. SEE ROOF PLANS FOR SPECIFIC NOTES AND DETAILS.
- B. DRAWINGS ARE REPRESENTATIVE, AND MAY NOT EXACTLY INDICATE ALL FIELD CONDITIONS. CONTRACTOR IS REQUIRED TO VERIFY ALL EXISTING CONDITIONS IN FIELD. A SITE VISIT/ROOF INSPECTION BY THE CONTRACTOR/INSTALLER PRIOR TO SUBMITTING BIDS IS STRONGLY RECOMMENDED.
- C. VERIFY IN FIELD LOCATIONS OF ALL EXISTING ROOF DRAINS AND PENETRATIONS PRIOR TO FIRST SUBMITTAL OF SHOP DRAWINGS.
- D. AT AREAS OF EXPOSURE, INSPECT ROOF DECK PRIOR TO ROOFING INSTALLATION. VERIFY THAT EXISTING MATERIALS ARE SOLID AND SECURE. NOTIFY ARCHITECT IMMEDIATELY IF DETEIORATED OR LOOSE MATERIALS ARE DISCOVERED.
- E. PROVIDE COMPLETE ROOFING INSTALLATION. PROTECT ALL ADJACENT SURFACES AS REQUIRED. RECONSTRUCT OR REPLACE ALL EXISTING ITEMS NOT SCHEDULED FOR WORK THAT ARE DAMAGED DURING ROOFING WORK.
- F. MAINTAIN WATERTIGHT CONDITIONS AT ALL TIMES.
- G. PROVIDE ROOFING SYSTEMS AND ALL RELATED COMPONENTS INDICATED BY THE CONTRACT DOCUMENTS AND AS REQUIRED TO ACHIEVE ROOF SYSTEM MANUFACTURER'S WARRANTY.
- H. AT EXISTING ROOF DRAIN LOCATIONS; REMOVE, CLEAN AND REINSTALL EXISTING DOME STRAINERS. CLEAN EXISTING DRAIN BOWL, AND PIPING AS REQUIRED AND PERFORM HOSE TEST TO ENSURE FUNCTIONAL OPERATION BEFORE BEGINNING CONSTRUCTION. VERIFY DRAINS AND PIPING IS CLEAR AND IN WORKING ORDER. REPORT ANY OBSTRUCTIONS TO ARCHITECT AND OWNER PRIOR TO BEGINNING WORK. AT DRAIN LOCATIONS WITH PLASTIC OR MISSING STRAINERS, PROVIDE ADJUSTABLE DRAIN GUARD.
- I. ALL MATERIALS SHALL COMPLY WITH CHAPTER 15 OF THE 2020 BCNYS.
- J. SEE STRUCTURAL DRAWINGS FOR STRUCTURAL LOAD NOTES.
- K. ADDITIONAL CONSTRUCTION ACTIVITIES MAY BE TAKING PLACE DURING THIS PROJECT'S DURATION REQUIRING COORDINATION WITH THE DISTRICT AND OTHER PRIME CONTRACTORS.
- L. AT ALL ROOF EDGES, CUT 1" V GROOVE AT SPF TERMINATION AGAINST METAL FASCIA AND FILL CONTINUOUS WITH SILICONE SEALANT, TYPICAL SEE DETAIL 18/2A750.
- M. EXISTING ALARMDETECTIONSENSORS DATA WIRES LOOSE OVER ROOF ARE TO BE REMOVED, RELOCATED, AND/OR REPOSITIONED, COORDINATE WITH OTHER PRIME CONTRACTORS.

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.

Keyed Roof Notes

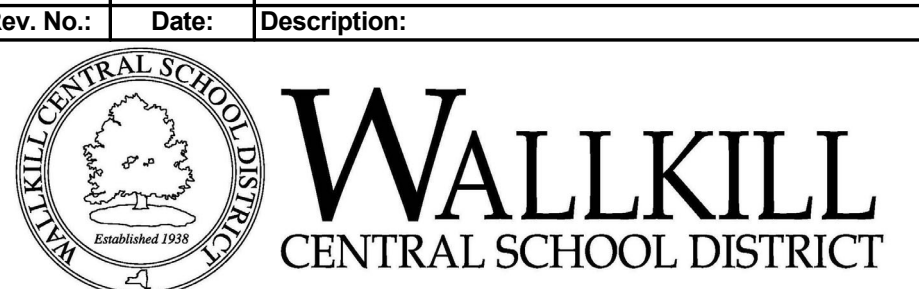
1. REPLACE ROOF DRAIN AT EXISTING LOCATION (VERIFY SIZE IN FIELD). SEE DETAIL 8/2A750.
2. VENT PIPE PENETRATION (VERIFY SIZE IN FIELD). SEE DETAIL 6/2A750.
3. REPLACE EXPANSION JOINT AT EXISTING LOCATION, HEIGHT AS REQUIRED TO ACCOMMODATE ROOF THICKNESS. SEE DETAILS 4/2A750.
4. ADHERED WALKWAY PAD (TYP). ALIGN WALKWAY PAD WITH LADDERS, DOORS, PERIMETERS OF HATCHES ADJACENT WALKWAYS AND MECHANICAL EQUIPMENT (TYP). SEE DETAIL 5/2A750.
5. EXISTING CURB-MOUNTED EQUIPMENT TO BE REMOVED AND REINSTALLED (OR NEW EQUIPMENT) ON PRE-FABRICATED (OR EXISTING WHERE NOTED) CURB AT EXISTING LOCATION (VIF) BY OTHERS. COORDINATE WITH OTHER PRIME CONTRACTORS. SEE DETAIL 1/2A750.
6. EXISTING EQUIPMENT ON SUPPORTS TO BE REMOVED AND REINSTALLED (OR NEW EQUIPMENT) ON PRE-FABRICATED SUPPORT RAILS AT EXISTING LOCATION (VIF) BY OTHERS. COORDINATE WITH OTHER PRIME CONTRACTORS. SEE DETAIL 10/2A750.
7. FLEXIBLE PENETRATION. PROVIDE SEALER POCKET OR PIPE CURB BY OTHERS. COORDINATE WITH OTHER PRIME CONTRACTORS. SEE DETAIL 9 AND 12/2A750.
8. TAPERED INSULATION CRICKET (TYP). SLOPE 1/2"/FT. TYP. ALL SIDES. VERIFY LENGTH IN FIELD. WIDTH AS INDICATED ON PLAN AND TYPICAL AT ALL CURB PENETRATIONS.
9. REMOVE EXISTING ROOF HATCH. PROVIDE 30" X 36" ROOF HATCH AND FALL PROTECTION RAIL SYSTEM. VERIFY EXISTING DIMENSIONS IN FIELD. SEE DETAIL 13/2A750.
10. TIE-IN BETWEEN SPF AND SINGLE-PLY MEMBRANE ROOF SYSTEMS WITH EXPANSION JOINT. COORDINATE BETWEEN SPF AND SINGLE-PLY ROOF SYSTEM INSTALLERS TO ALLOW COMPLETION OF SINGLE-PLY MEMBRANE ROOF SYSTEM TERMINATIONS PRIOR TO SPF TRANSITION TERMINATION WHICH MAY OVERLAY SINGLE-PLY TERMINATION. PATCH TO MATCH EXISTING MATERIALS AND THICKNESSES AFTER INSTALLATION. SEE DETAIL 4/2A750.



Key Plan
N.T.S.

S.E.D. Control No. 62-18-01-06-0-003-014

Rev. No.	Date	Description



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Walkill Central School District
Walkill, New York

Reconstruction to:
Ostrander Elementary School

Roof Plan

Drawn By: TTAE	Date: 11/4/2022	Drawing Number: CA052
Project No.: 17597-22001		

Existing Conditions Notes

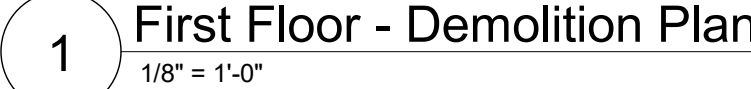
- A. THE FOLLOWING CONDITIONS WERE OBSERVED DURING TEST CUT ANALYSIS. THE CONTRACTOR IS REQUIRED TO VERIFY ALL EXISTING CONDITIONS AND PROVIDE A COMPLETE REMOVAL OF ALL MATERIALS ABOVE THE ROOF DECK AT LOCATIONS INDICATED.
- B. TYPICAL AT ROOF CUT #1:
- BUILT-UP ROOFING WITH AGGREGATE
- PERLITE INSULATION
- POLYISOCYANURATE FOAM INSULATION
- ASPHALTIC TAR
- POLYISOCYANURATE FOAM INSULATION
- ASPHALTIC TAR
- METAL DECK
TOTAL THICKNESS ABOVE DECK = 8"
- C. TYPICAL AT ROOF CUTS #2 & #5:
- SILICONE COATING WITH GRANULES
- SPRAY POLYURETHANE FOAM INSULATION
- GYPSUM BOARD
- EPDM MEMBRANE
- POLYISOCYANURATE FOAM INSULATION
- PERLITE INSULATION
- METAL DECK
TOTAL THICKNESS ABOVE DECK = 8"
- D. TYPICAL AT ROOF CUTS #3, #4, #7, & #8:
- SILICONE COATING WITH GRANULES
- SPRAY POLYURETHANE FOAM INSULATION
- GYPSUM BOARD
- EPDM MEMBRANE
- POLYISOCYANURATE FOAM INSULATION
- PERLITE INSULATION
- METAL DECK
TOTAL THICKNESS ABOVE DECK = 8"
- E. TYPICAL AT ROOF CUT #6:
- SILICONE COATING WITH GRANULES
- SPRAY POLYURETHANE FOAM INSULATION
- GYPSUM BOARD
- EPDM MEMBRANE
- POLYISOCYANURATE FOAM INSULATION
- GYPSUM DECK
TOTAL THICKNESS ABOVE DECK = 6"
- F. TYPICAL AT ROOF CUT #9:
- SILICONE COATING WITH GRANULES
- SPRAY POLYURETHANE FOAM INSULATION
- BUILT-UP ROOFING
- PERLITE INSULATION
- POLYISOCYANURATE FOAM INSULATION
- ASPHALTIC TAR
- CONCRETE DECK
TOTAL THICKNESS ABOVE DECK = 8"
- G. TYPICAL AT ROOF CUT #10:
- SILICONE COATING WITH GRANULES
- SPRAY POLYURETHANE FOAM INSULATION
- BUILT-UP ROOFING
- PERLITE INSULATION
- POLYISOCYANURATE FOAM INSULATION
- ASPHALTIC TAR
- PAPER SLIP SHEET
- TECTUM DECK
TOTAL THICKNESS ABOVE DECK = 8"
- H. TYPICAL AT ROOF CUT #11:
- SILICONE COATING WITH GRANULES
- SPRAY POLYURETHANE FOAM INSULATION
- BUILT-UP ROOFING
- FIBERBOARD INSULATION
- GYPSUM DECK
TOTAL THICKNESS ABOVE DECK = 12"
- I. TYPICAL AT ROOF CUT #12:
- SILICONE COATING WITH GRANULES
- SPRAY POLYURETHANE FOAM INSULATION
- BUILT-UP ROOFING
- FIBERGLASS INSULATION
- ASPHALTIC TAR
- PAPER SLIP SHEET
- TECTUM DECK
TOTAL THICKNESS ABOVE DECK = 8"
- J. TYPICAL AT ROOF CUT #13:
- SILICONE COATING WITH GRANULES
- SPRAY POLYURETHANE FOAM INSULATION
- BUILT-UP ROOFING
- PAPER SLIP SHEET
- TECTUM/LEIGHT WEIGHT CONCRETE DECK
TOTAL THICKNESS ABOVE DECK = 8"

Symbol/Hatch Legend

- INDICATES AREAS OF SPF ROOF SYSTEM TO BE RESTORED
- INDICATES AREAS OF TAPERED INSULATION, ROOF TYPE RS-1 UNLESS NOTED OTHERWISE
- ROOF DRAIN - EXISTING TO REMAIN, SEE KEYED ROOF RESTORATION NOTE 9R FOR LOCATIONS WITH MISSING OR PLASTIC STRAINER REQUIRING ADJUSTABLE DRAIN GUARD
- ROOF DRAIN WITH 4" TAPERED INSULATION SUMP - REPLACE AT EXISTING LOCATION
- EQUIPMENT ON CURB (FAN/HOOD/ETC.)
- CURB WITH SOLID COVER, PROVIDE ROOF COATING
- PIPE PENETRATION
- EXPANSION JOINT
- EQUIPMENT ON SUPPORT RAILS WITH FLEXIBLE PENETRATION
- EQUIPMENT ON CURB (RTU)
- DUCT OVER ROOF ON SUPPORTS
- ROOF WALKWAY COATING SYSTEM
- ADHERED WALKWAY PAD
- ROOF HATCH
- LINE OF TAPERED INSULATION
- TOTAL THICKNESS OF INSULATION INCLUDING COVERBOARD
- ROOF SYSTEM TYPE RS-X
- TEST CUT LOCATION, SEE EXISTING CONDITIONS NOTES

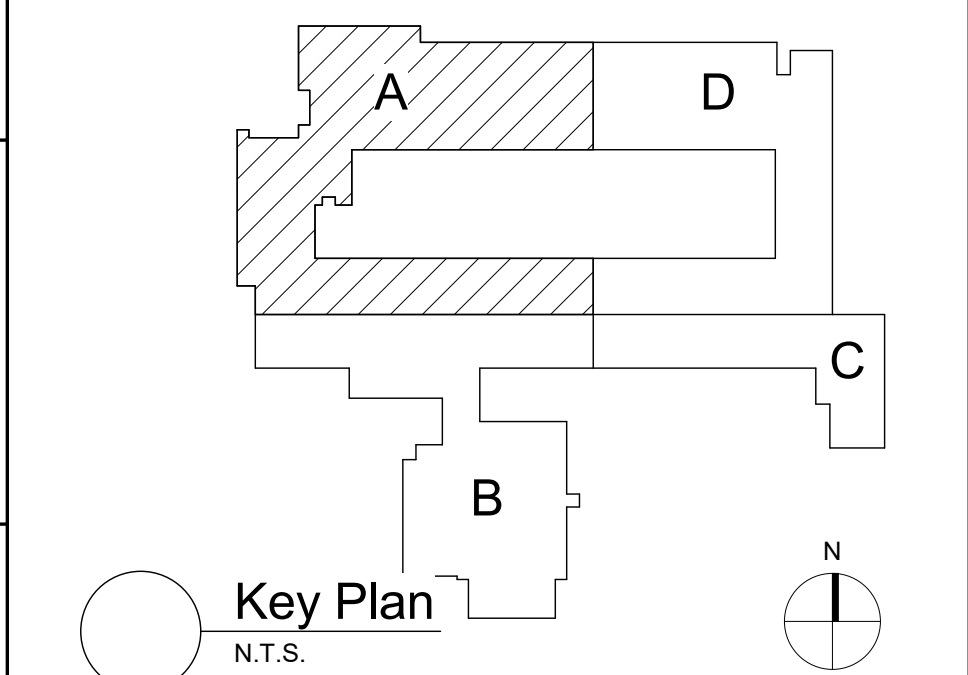
1 Roof Plan
1/16" = 1'-0"

PROVIDE ROOF RESTORATION AT ALL ROOF AREAS UNLESS NOTED OTHERWISE.
SEE GENERAL ROOF RESTORATION NOTES AND KEYED ROOF RESTORATION NOTE 1R

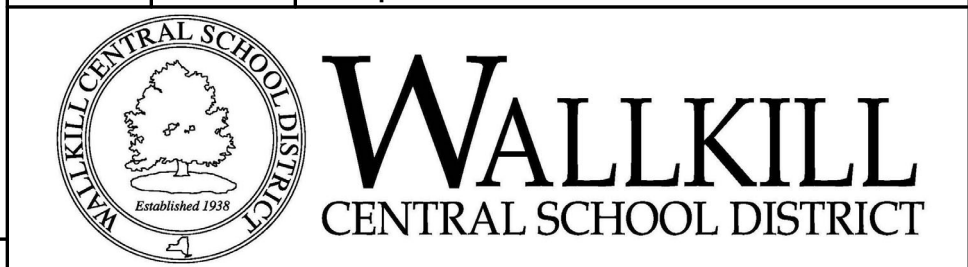


11H	SAW CUT OPENING IN WALL TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. PROVIDE LINTEL PER LINTEL SCHEDULE. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES.
14N	ARTWORK/PLAQUES TO REMAIN - DO NOT DAMAGE. REMOVAL BY OWNER
8A	REMOVE STOREFRONT SYSTEM COMPLETELY. PREPARE OPENING TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACE. DELIVER TO OWNERS STORAGE LOCATION FOR THEIR RE-USE.
8B	REMOVE WINDOW SYSTEM COMPLETELY. PREPARE OPENING TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACE.
9F	REMOVE DOOR LOCKSET AND ASSOCIATED HARDWARE IN PREPARATION FOR NEW LEVEREST WITH LOCKDOWN HARDWARE. REFER TO DOOR HARDWARE SCHEDULE FOR HARDWARE AND COORDINATE REQUIRED REMOVALS TO FACILITATE NEW HARDWARE INSTALLATION.
9F1	REMOVE DOOR LOCKSET AND ASSOCIATED HARDWARE IN PREPARATION FOR NEW LEVEREST WITH LOCKDOWN HARDWARE. REFER TO DOOR HARDWARE SCHEDULE FOR HARDWARE AND COORDINATE REQUIRED REMOVALS TO FACILITATE NEW HARDWARE INSTALLATION. (POTENTIAL ALTERNATE)
9A	REMOVE CEILING SYSTEM AND/OR SOFFIT SYSTEM IN ITS ENTIRETY.
9B	REMOVE CEILING SYSTEM AND EQUIPMENT TO PERFORM SCHEDULED WORK. SALVAGE CEILING SYSTEM FOR REUTILIZATION IN ORIGINAL LOCATION.
9D1	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 LEVELS SCHEDULED FOR REMOVAL. REMOVE FLOOR FINISH, INCLUDE CONCRETE FLOOR PATCHING AND LEVeling MATERIALS TO MAKE SURFACE LEVEL. PREPARE FOR FINISH. PATCH AREAS COORDINATE WITH FLOOR FINISH INSTALLATION INTO FLOOR BASE.
	<u>SUFFIX KEY (FLOOR FINISH IDENTIFICATIONS):</u> L VATWC
9E	REMOVE EXISTING RECESSED FLOOR MAT AND PERIMETER FRAME SYSTEM. PREPARE FLOOR FOR INFILL TO ADJACENT FINISH LEVEL.
9F	REMOVE SPLINE CEILING SYSTEM SYSTEM IN ITS ENTIRETY (ADVISED SPLIT TO REMAIN WHERE EXISTING). REFER TO REFLECTED CEILING PLANS FOR ADDITIONAL INFORMATION. REFER TO OTHER DISCIPLINE'S DRAWINGS FOR ASSOCIATED WORK WITH CEILING AND UNITS.
9J	REMOVE AND REINSTALL EXISTING CEILING SYSTEM AS REQUIRED TO ACCOMMODATE STRUCTURAL REINFORCING OF ROOF. COORDINATE ALL LOCATIONS OF REQUIRED CEILING REMOVAL WITH STRUCTURAL DRAWINGS. EXISTING CEILING UNITS REMAINS TO REMAIN. REINSTALLATION INTO CEILING. COORDINATE WITH OTHER DISCIPLINE'S DRAWINGS.
12B	REMOVE DISPLAY CASEWORK (INCLUDING ALL ASSOCIATED COMPONENTS). PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACE. DELIVER TO OWNERS STORAGE LOCATION FOR THEIR RE-USE.
12C	REMOVE EXISTING TV DISPLAY. TURN OVER TO OWNER FOR THEIR STORAGE / REUSE.

- 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 A 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 INDENTIFIED 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 IF ANY ARTWORK IS ENCOUNTERED PRIOR TO START OF DEMOLITION WORK.



S.E.D. Control No. 62-18-01-06-0-003-014

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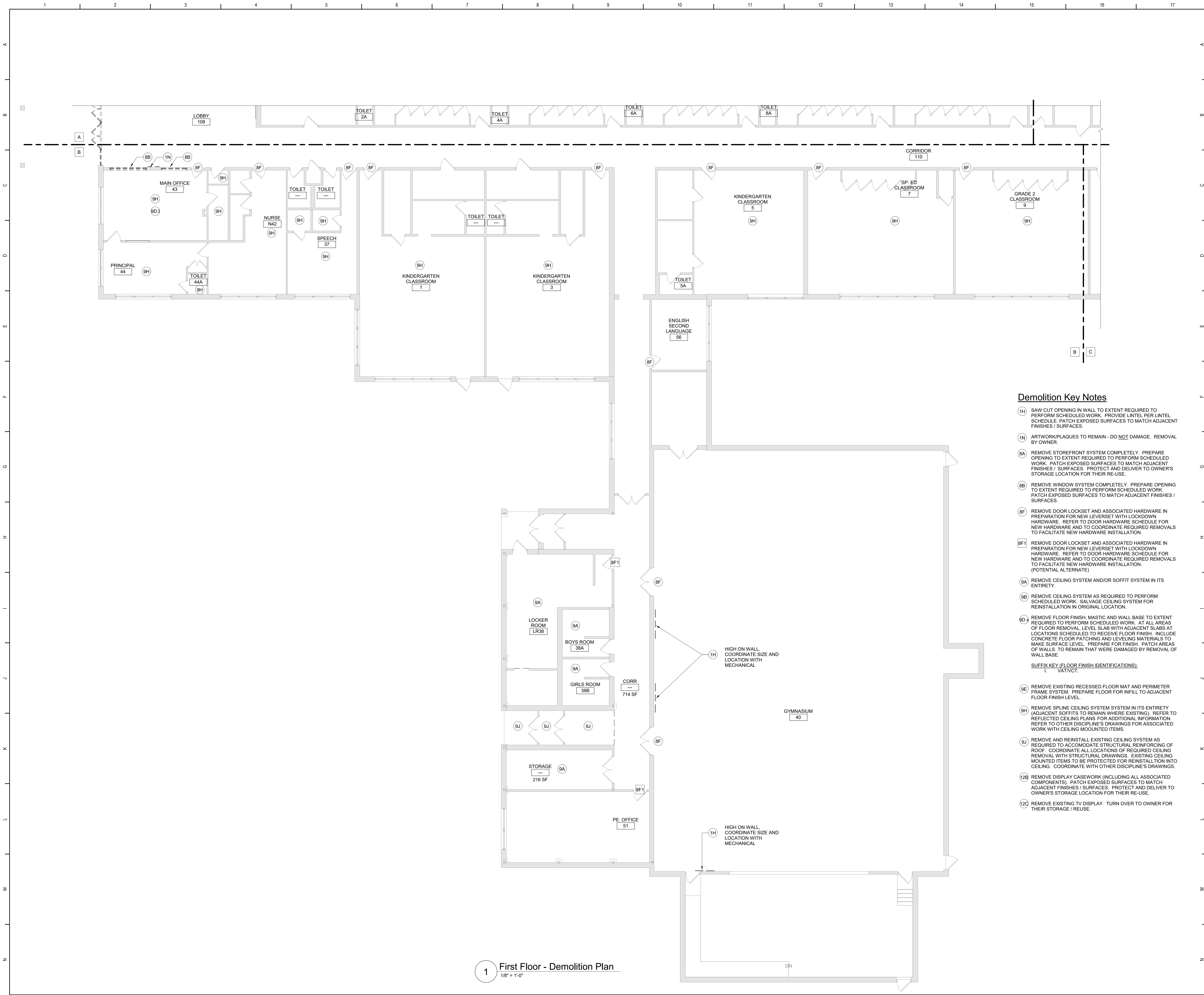


Wallkill Central School District
Wallkill, New York

Reconstruction to:
Ostrander Elementary School

First Floor Demolition Plan - Area A

Drawn By: TTAE	Date: 11/4/2022	Drawing Number:
Project No.: 17597-22001		CA104



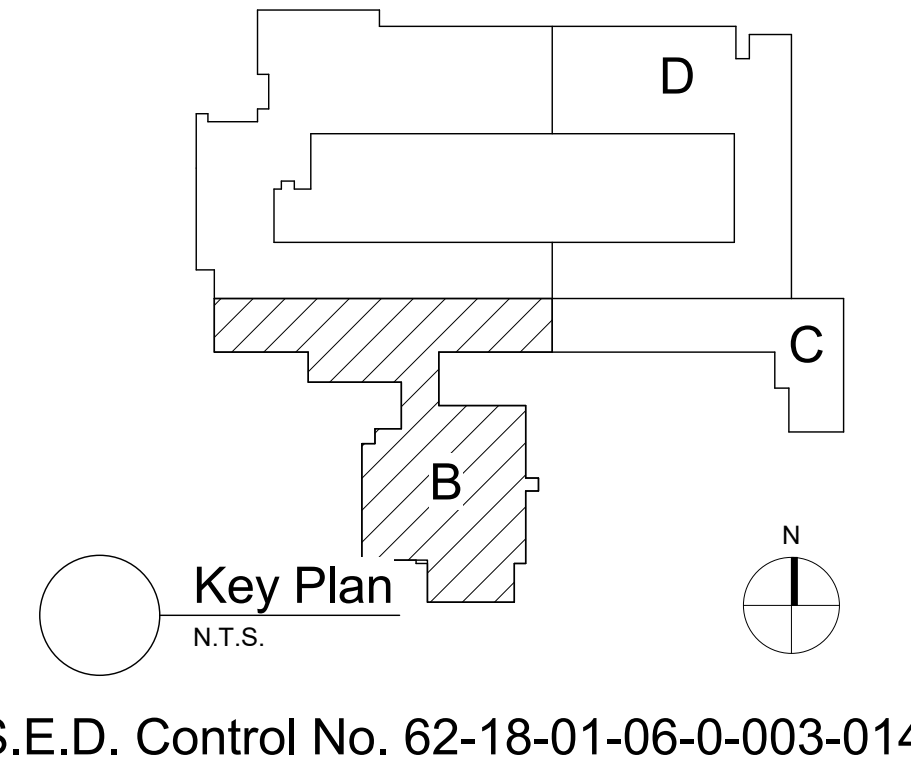
1 First Floor - Demolition Plan
1/8" = 1'-0"

General Demolition Notes

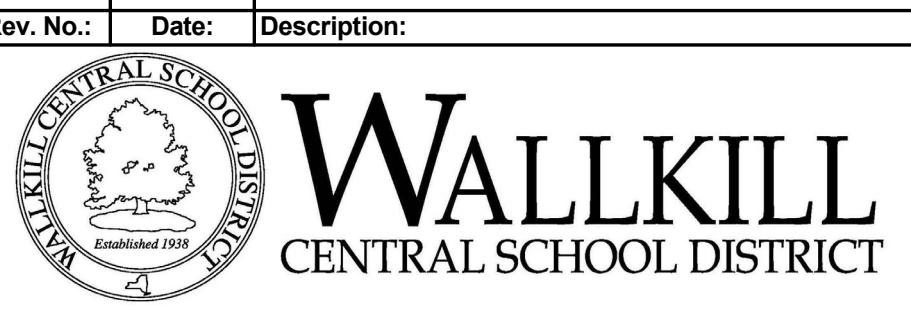
- A. - - - - - REMOVE ITEMS INDICATED BY DASHED LINE.
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 - DEMOLITION TAGS IN SERIES REFER TO DEMOLITION OF ALL THOSE ITEMS EITHER WITHIN THAT ENTIRE SPACE OR TO THE SPACE IDENTIFIED BY THAT LEADER.
- C. WHEN AN ITEM IS INDICATED TO BE DEMOLISHED REMOVE 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.

Demolition Key Notes

- (1H) SAW CUT OPENING IN WALL TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. PROVIDE LINTEL PER LINTEL SCHEDULE. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES.
- (1N) ARTWORK/PLAQUES TO REMAIN - DO NOT DAMAGE. REMOVAL BY OWNER.
- (8A) REMOVE STOREFRONT SYSTEM COMPLETELY. PREPARE OPENING TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. PROTECT AND DELIVER TO OWNER'S STORAGE LOCATION FOR THEIR RE-USE.
- (8B) REMOVE WINDOW SYSTEM COMPLETELY. PREPARE OPENING TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES.
- (8F) REMOVE DOOR LOCKSET AND ASSOCIATED HARDWARE IN PREPARATION FOR NEW LEVERSET WITH LOCKDOWN HARDWARE. REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE AND TO COORDINATE REQUIRED REMOVALS TO FACILITATE NEW HARDWARE INSTALLATION.
- (8F1) REMOVE DOOR LOCKSET AND ASSOCIATED HARDWARE IN PREPARATION FOR NEW LEVERSET WITH LOCKDOWN HARDWARE. REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE AND TO COORDINATE REQUIRED REMOVALS TO FACILITATE NEW HARDWARE INSTALLATION. (POTENTIAL ALTERNATE)
- (9A) REMOVE CEILING SYSTEM AND/OR SOFFIT SYSTEM IN ITS ENTIRETY.
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- (9D) 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. VATT/CT.
- (9E) REMOVE EXISTING RECESSED FLOOR MAT AND PERIMETER FRAME SYSTEM. PREPARE FLOOR FOR INFILL TO ADJACENT FLOOR FINISH LEVEL.
- (9H) REMOVE SPLINE CEILING SYSTEM SYSTEM IN ITS ENTIRETY (ADJACENT SOFFITS TO REMAIN WHERE EXISTING). REFER TO REFLECTED CEILING PLANS FOR ADDITIONAL INFORMATION. REFER TO OTHER DISCIPLINE'S DRAWINGS FOR ASSOCIATED WORK WITH CEILING MOUNTED ITEMS.
- (9J) REMOVE AND REINSTALL EXISTING CEILING SYSTEM AS REQUIRED TO ACCOMMODATE STRUCTURAL REINFORCING OF ROOF. COORDINATE ALL LOCATIONS OF REQUIRED CEILING REMOVAL WITH STRUCTURAL DRAWINGS. EXISTING CEILING MOUNTED ITEMS TO BE PROTECTED FOR REINSTALLATION INTO CEILING. COORDINATE WITH OTHER DISCIPLINE'S DRAWINGS.
- (12B) REMOVE DISPLAY CASEWORK (INCLUDING ALL ASSOCIATED COMPONENTS). PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. PROTECT AND DELIVER TO OWNER'S STORAGE LOCATION FOR THEIR RE-USE.
- (12C) REMOVE EXISTING TV DISPLAY. TURN OVER TO OWNER FOR THEIR STORAGE / REUSE.



S.E.D. Control No. 62-18-01-06-0-003-014



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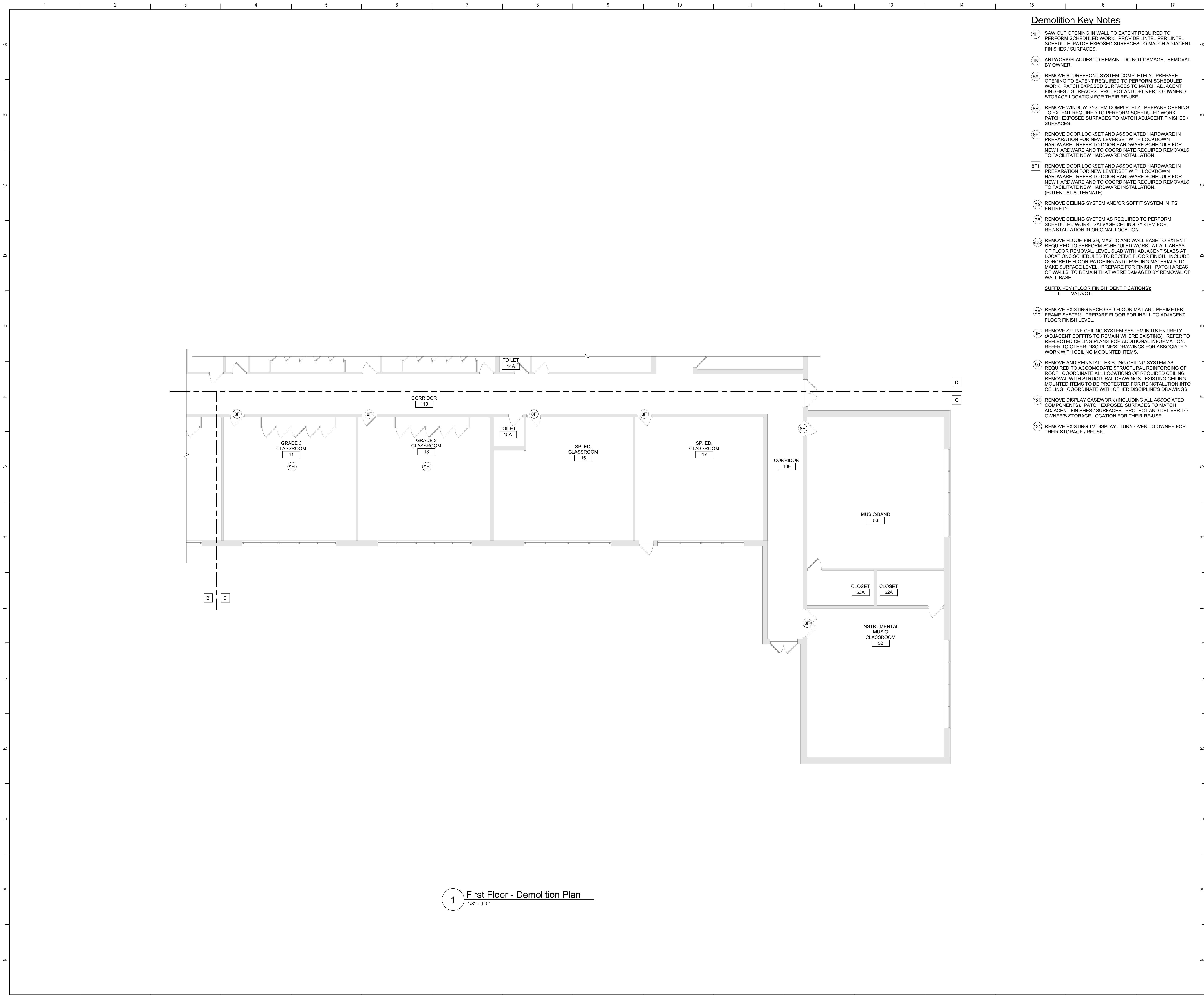


Wallkill Central School District
Wallkill, New York

Reconstruction to:
Ostrander Elementary School

First Floor Demolition Plan - Area B

Drawn By: TTAE Date: 11/4/2022 Drawing Number:
Project No.: 17597-22001 CA105



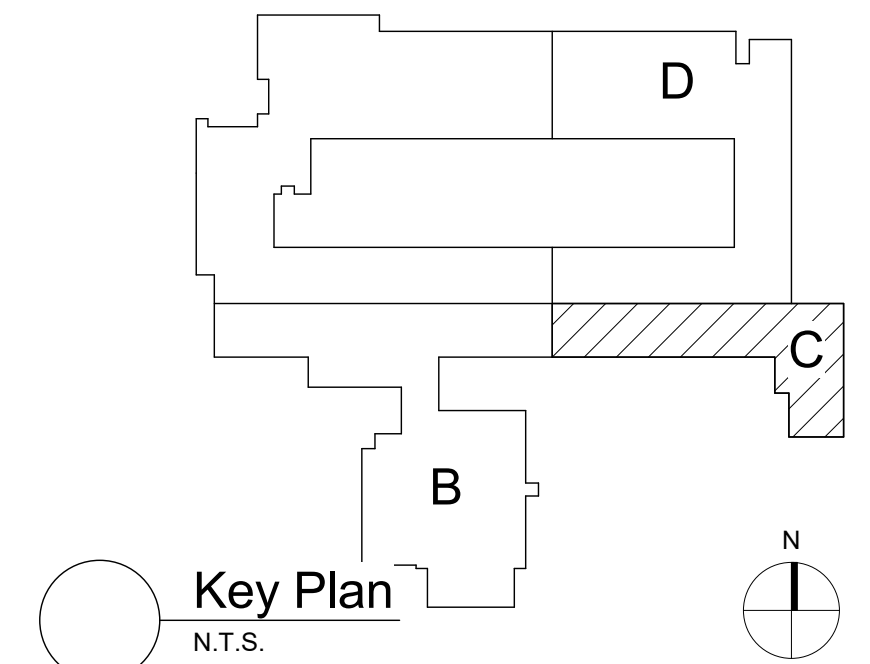
1 First Floor - Demolition Plan
1/8" = 1'-0"

Demolition Key Notes

- (1H) SAW CUT OPENINGS IN WALL TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. PROVIDE LINTEL PER LINTEL SCHEDULE. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES.
- (1N) ARTWORK/PLAQUES TO REMAIN - DO NOT DAMAGE. REMOVAL BY OWNER.
- (8A) REMOVE STOREFRONT SYSTEM COMPLETELY. PREPARE OPENING TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. PROTECT AND DELIVER TO OWNER'S STORAGE LOCATION FOR THEIR RE-USE.
- (8B) REMOVE WINDOW SYSTEM COMPLETELY. PREPARE OPENING TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES.
- (8F) REMOVE DOOR LOCKSET AND ASSOCIATED HARDWARE IN PREPARATION FOR NEW LEVERSET WITH LOCKDOWN HARDWARE. REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE AND TO COORDINATE REQUIRED REMOVALS TO FACILITATE NEW HARDWARE INSTALLATION.
- (8F1) REMOVE DOOR LOCKSET AND ASSOCIATED HARDWARE IN PREPARATION FOR NEW LEVERSET WITH LOCKDOWN HARDWARE. REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE AND TO COORDINATE REQUIRED REMOVALS TO FACILITATE NEW HARDWARE INSTALLATION. (POTENTIAL ALTERNATE)
- (9A) REMOVE CEILING SYSTEM AND/OR SOFFIT SYSTEM IN ITS ENTIRETY.
- (9B) REMOVE CEILING SYSTEM AS REQUIRED TO PERFORM SCHEDULED WORK. SALVAGE CEILING SYSTEM FOR REINSTALLATION IN ORIGINAL LOCATION.
- (9D) 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.
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I. VAT/VT
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- (9H) REMOVE SPLINE CEILING SYSTEM SYSTEM IN ITS ENTIRETY (ADJACENT SOFFITS TO REMAIN WHERE EXISTING). REFER TO REFLECTED CEILING PLANS FOR ADDITIONAL INFORMATION. REFER TO OTHER DISCIPLINE'S DRAWINGS FOR ASSOCIATED WORK WITH CEILING MOUNTED ITEMS.
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- (12B) REMOVE DISPLAY CASEWORK (INCLUDING ALL ASSOCIATED COMPONENTS). PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. PROTECT AND DELIVER TO OWNER'S STORAGE LOCATION FOR THEIR RE-USE.
- (12C) REMOVE EXISTING TV DISPLAY. TURN OVER TO OWNER FOR THEIR STORAGE / REUSE.

General Demolition Notes

- A. - - - - - REMOVE ITEMS INDICATED BY DASHED LINE.
- B. KEYED DEMOLITION TAGS REFER TO SPECIFIC LOCATIONS AS FOLLOWS:
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S.E.D. Control No. 62-18-01-06-0-003-014

Rev. No.: Date: Description:



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& Landscape Architects, P.C.

BID SET



Wallkill Central School District
Wallkill, New York

Reconstruction to:
Ostrander Elementary School

First Floor Demolition Plan - Area C

Drawn By: TTAE	Date: 11/4/2022	Drawing Number:
Project No.: 17597-22001	CA106	

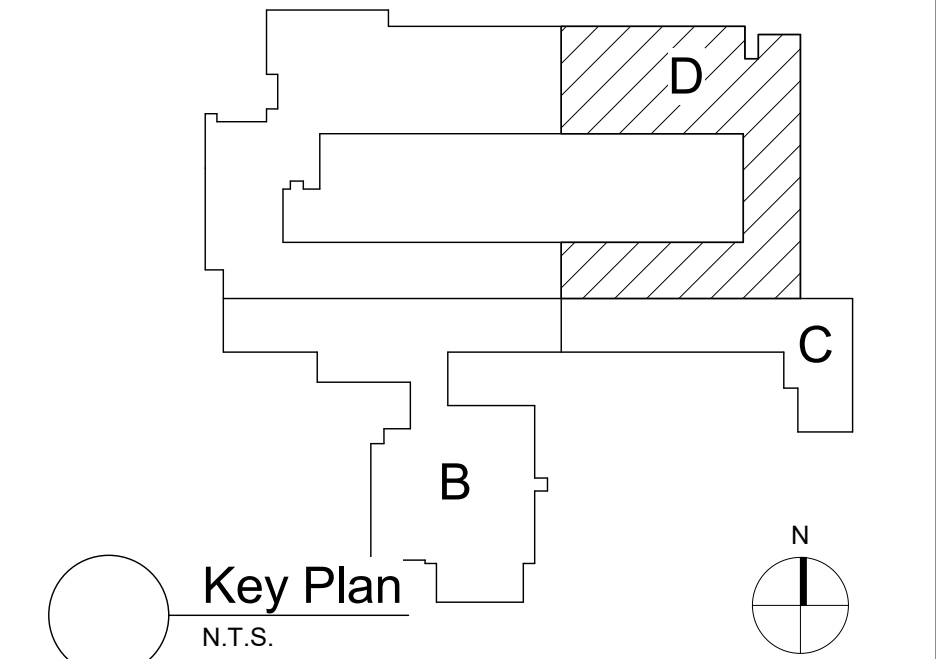


Demolition Key Notes

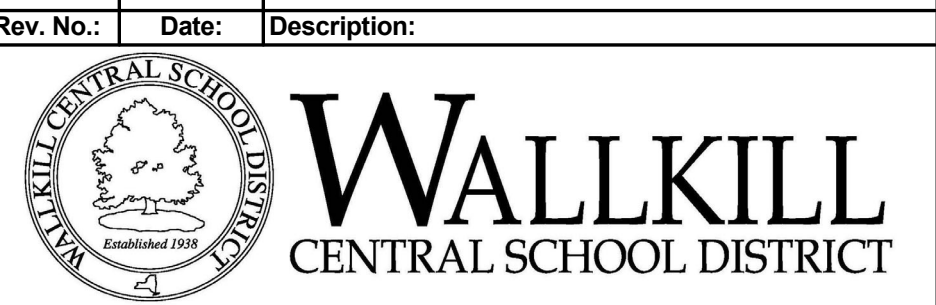
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- (8F) REMOVE DOOR LOCKSET AND ASSOCIATED HARDWARE IN PREPARATION FOR NEW LEVERSET WITH LOCKDOWN HARDWARE. REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE AND TO COORDINATE REQUIRED REMOVALS TO FACILITATE NEW HARDWARE INSTALLATION.
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L VATT/CT
- (9E) REMOVE EXISTING RECESSED FLOOR MAT AND PERIMETER FRAME SYSTEM. PREPARE FLOOR FOR INFILL TO ADJACENT FLOOR FINISH LEVEL.
- (9H) REMOVE SPLINE CEILING SYSTEM SYSTEM IN ITS ENTIRETY (ADJACENT SOFFITS TO REMAIN WHERE EXISTING). REFER TO REFLECTED CEILING PLANS FOR ADDITIONAL INFORMATION. REFER TO OTHER DISCIPLINE'S DRAWINGS FOR ASSOCIATED WORK WITH CEILING MOUNTED ITEMS.
- (9J) REMOVE AND REINSTALL EXISTING CEILING SYSTEM AS REQUIRED TO ACCOMMODATE STRUCTURAL REINFORCING OF ROOF. COORDINATE ALL LOCATIONS OF REQUIRED CEILING REMOVAL WITH STRUCTURAL DRAWINGS. EXISTING CEILING MOUNTED ITEMS TO BE PROTECTED FOR REINSTALLATION INTO CEILING. COORDINATE WITH OTHER DISCIPLINE'S DRAWINGS.
- (12B) REMOVE DISPLAY CASEWORK (INCLUDING ALL ASSOCIATED COMPONENTS). PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. PROTECT AND DELIVER TO OWNER'S STORAGE LOCATION FOR THEIR RE-USE.
- (12C) REMOVE EXISTING TV DISPLAY. TURN OVER TO OWNER FOR THEIR STORAGE / REUSE.

General Demolition Notes

- A. - - - - - REMOVE ITEMS INDICATED BY DASHED LINE.
- B. KEYED DEMOLITION TAGS REFER TO SPECIFIC LOCATIONS AS FOLLOWS:
- DEMOLITION TAGS LOCATED WITHIN THE MIDDLE OF A SPACE REFER TO DEMOLITION OF ALL ITEMS OF THAT SAME TYPE WITHIN THAT ENTIRE SPACE.
 - 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.
 - 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.



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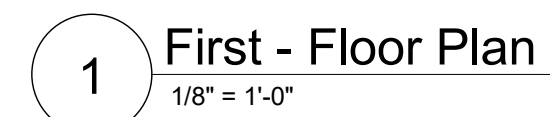


Wallkill Central School District
Wallkill, New York

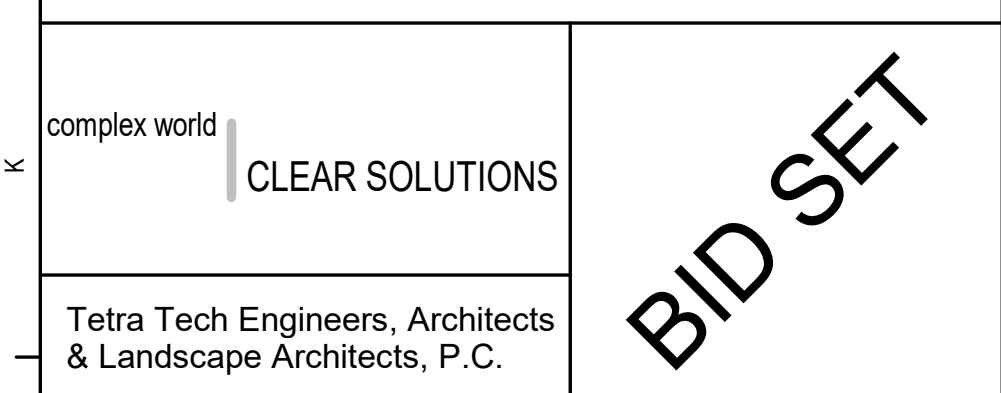
Reconstruction to:
Ostrander Elementary School

First Floor Demolition Plan - Area D

Drawn By: TTAE Date: 11/4/2022 Drawing Number:
Project No.: 17597-22001
CA107



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 HEIGHTS WITHIN THAT WALL, TYPICAL UNLESS NOTED OTHERWISE.
C.	INFILL AREAS OF RECESSED FLOOR MAT AND/OR FINISH REMOVALS WITH REPAIR MATERIAL, PROVIDE SUBSTRATE LEVEL AS REQUIRED SO SCHEDULED FINISHED FLOOR WILL MATCH THAT OF EXISTING ADJACENT AREAS.

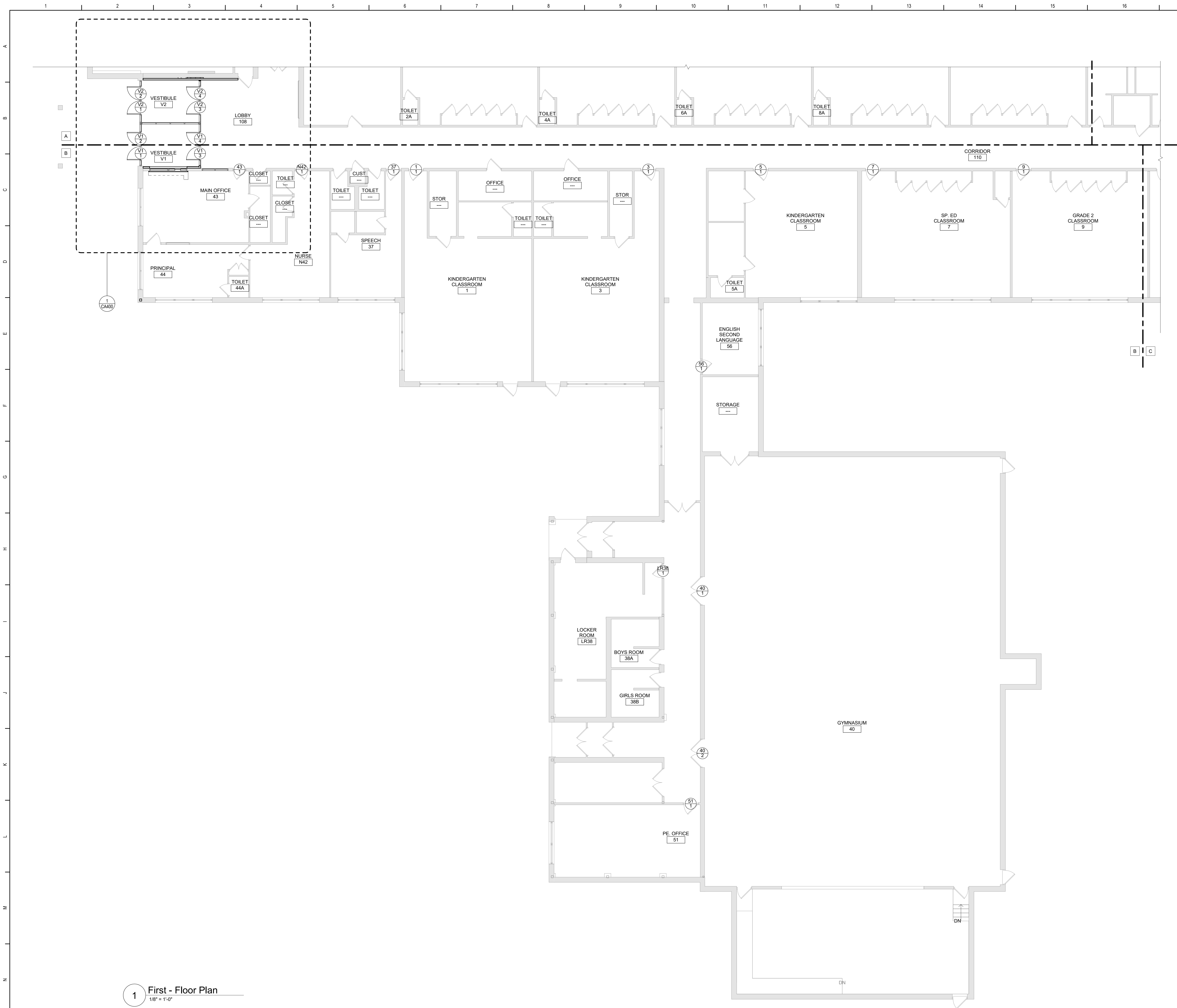
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M	Reconstruction to: Ostrander Elementary School

First Floor Plan - Area A

N	Drawn By: TTAE	Date: 11/4/2022	Drawing Number: CA134
	Project No.: 17597-22001		

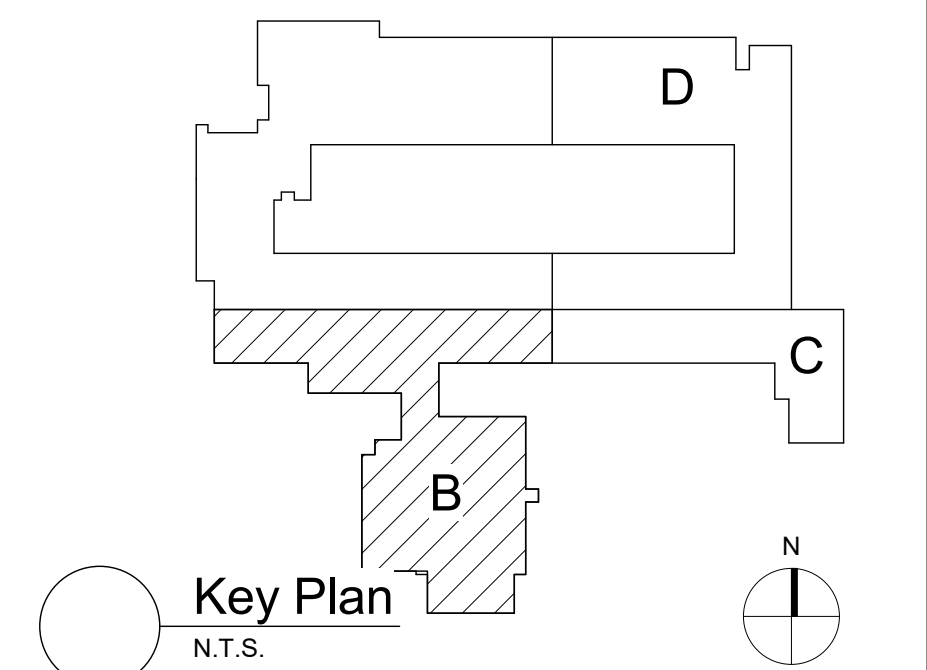
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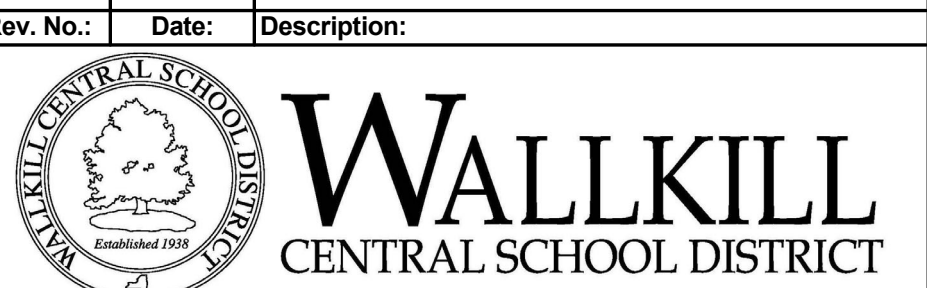
1 First - Floor Plan
1/8" = 1'-0"

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.
- C. INFILL AREAS OF RECESSED FLOOR MAT AND/OR FINISH REMOVALS WITH REPAIR MATERIAL PROVIDE SUBSTRATE LEVEL AS REQUIRED SO SCHEDULED FINISHED FLOOR WILL MATCH THAT OF EXISTING ADJACENT AREAS.



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BID SET

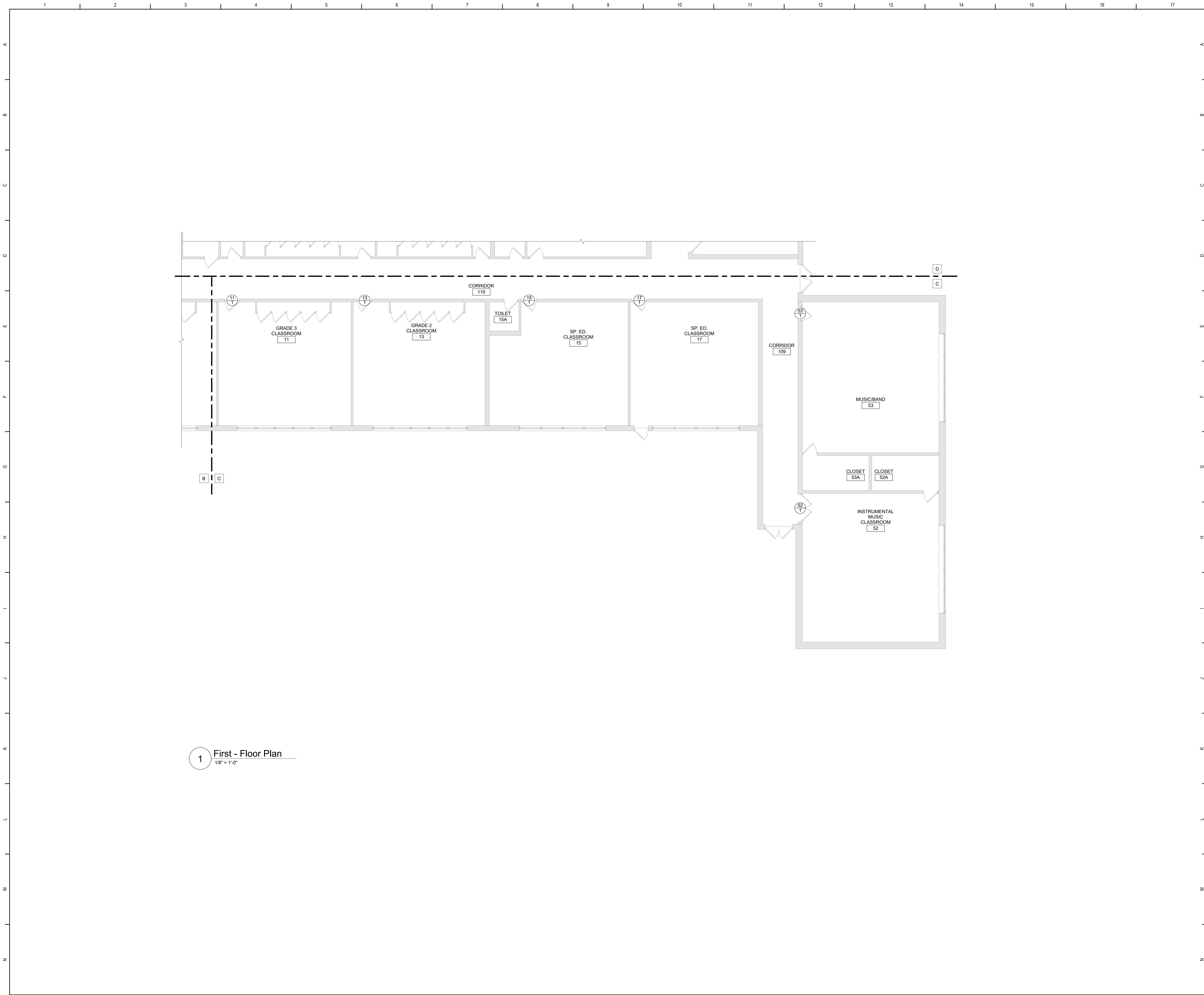


Wallkill Central School District
Wallkill, New York

Reconstruction to:
Ostrander Elementary School

First Floor Plan - Area B

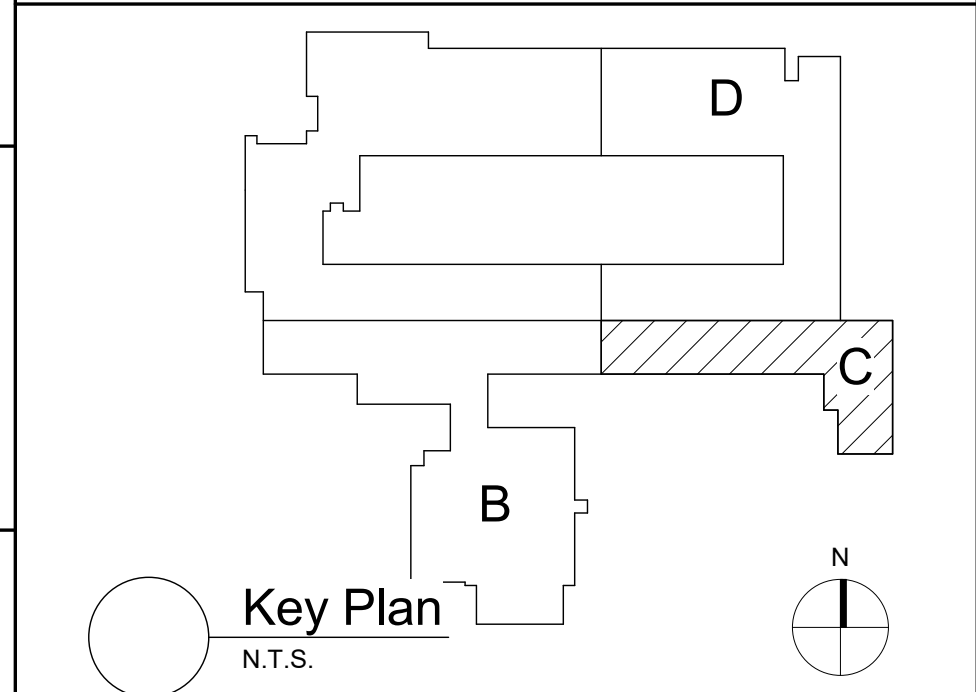
Drawn By: TTAE	Date: 11/4/2022	Drawing Number:
Project No.: 17597-22001	CA135	



1 First - Floor 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.
- C. INFILL AREAS OF RECESSED FLOOR MAT AND/OR FINISH REMOVALS WITH REPAIR MATERIAL, PROVIDE SUBSTRATE LEVEL AS REQUIRED SO SCHEDULED FINISHED FLOOR WILL MATCH THAT OF EXISTING ADJACENT AREAS.



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Rev. No.:	Date:	Description:
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BID SET

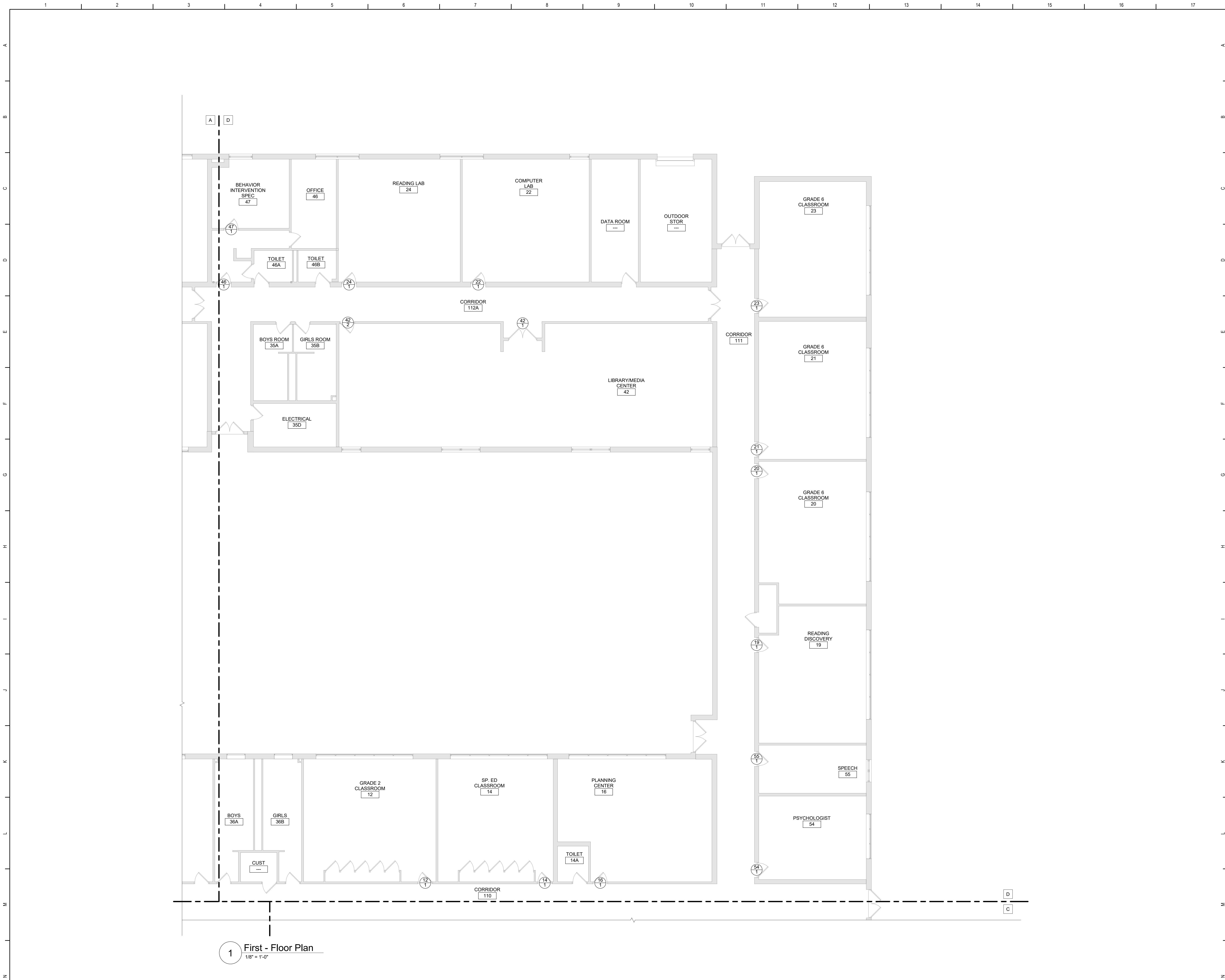


Wallkill Central School District
Wallkill, New York

Reconstruction to:
Ostrander Elementary School

First Floor Plan - Area C

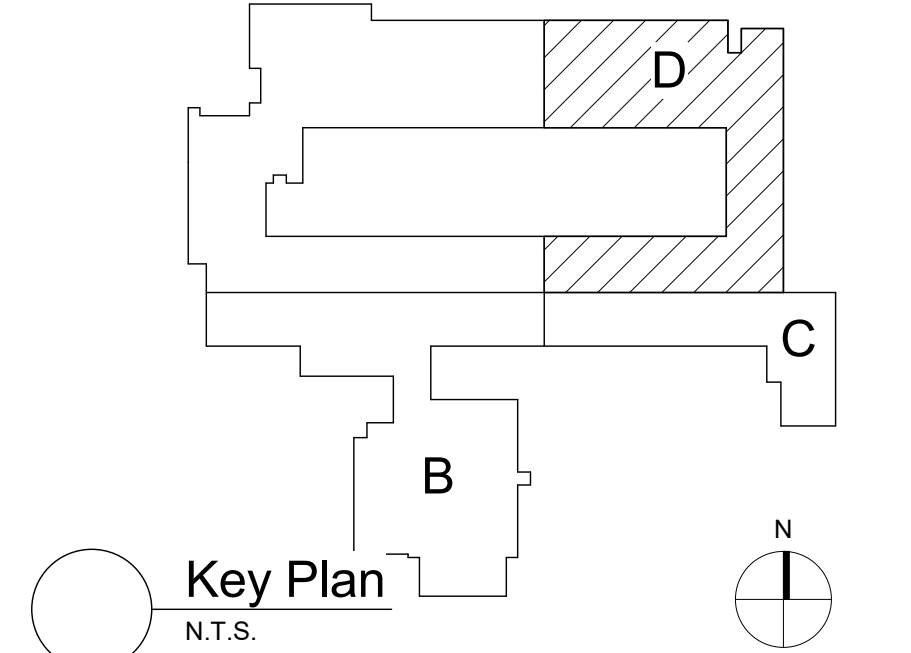
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Project No.: 17597-22001	CA136	



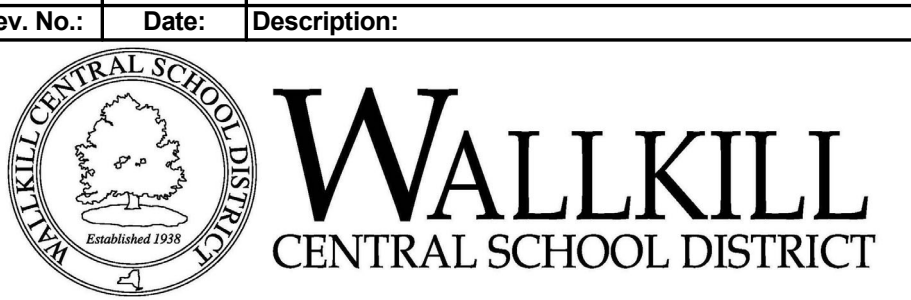
1 First - Floor Plan
1/8" = 1'-0"

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.
- C. INFILL AREAS OF RECESSED FLOOR MAT AND/OR FINISH REMOVALS WITH REPAIR MATERIAL. PROVIDE SUBSTRATE LEVEL AS REQUIRED SO SCHEDULED FINISHED FLOOR WILL MATCH THAT OF EXISTING ADJACENT AREAS.



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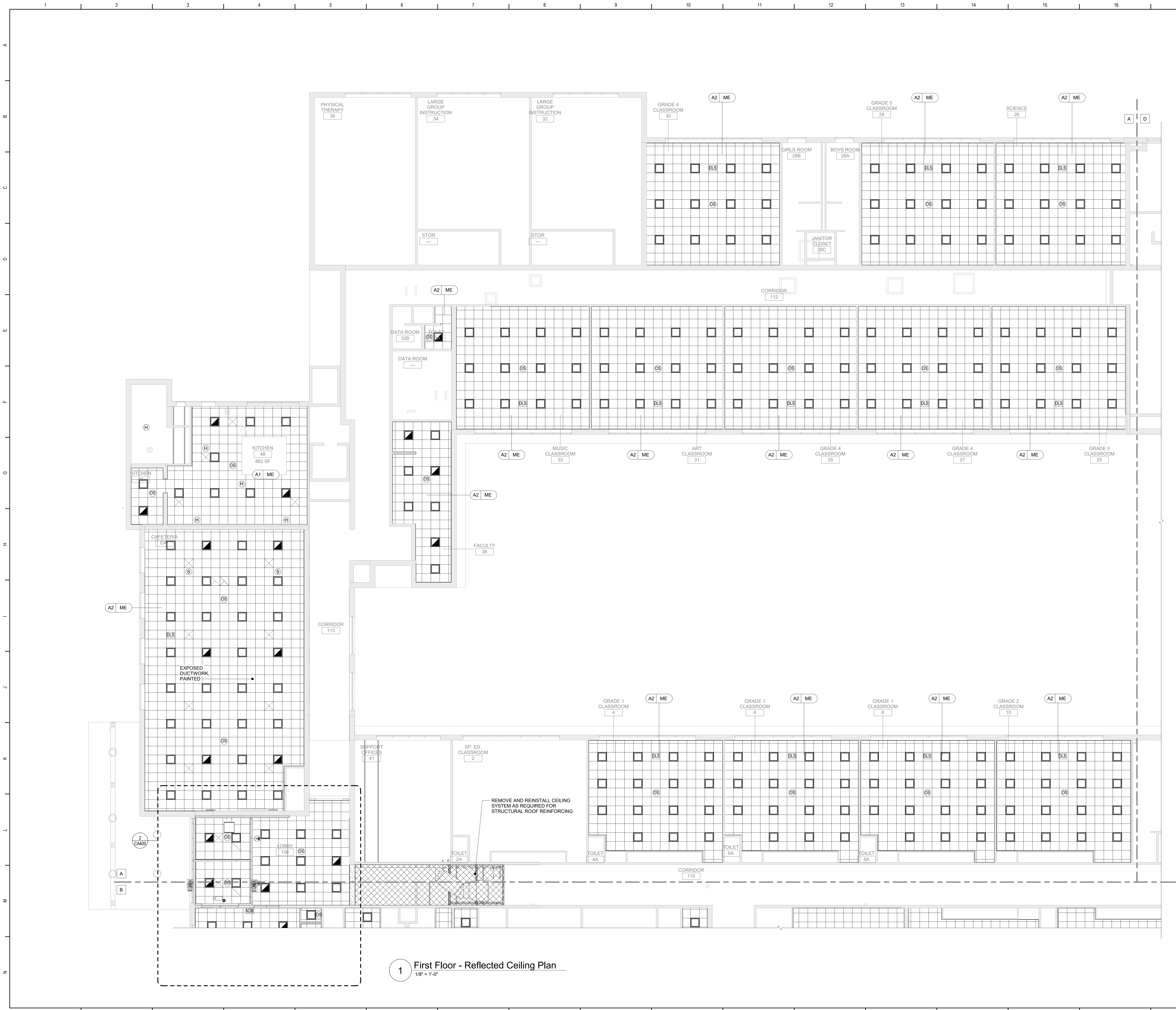


Wallkill Central School District
Wallkill, New York

Reconstruction to:
Ostrander Elementary School

First Floor Plan - Area D

Drawn By: TTAE	Date: 11/4/2022	Drawing Number:
Project No.: 17597-22001	CA137	

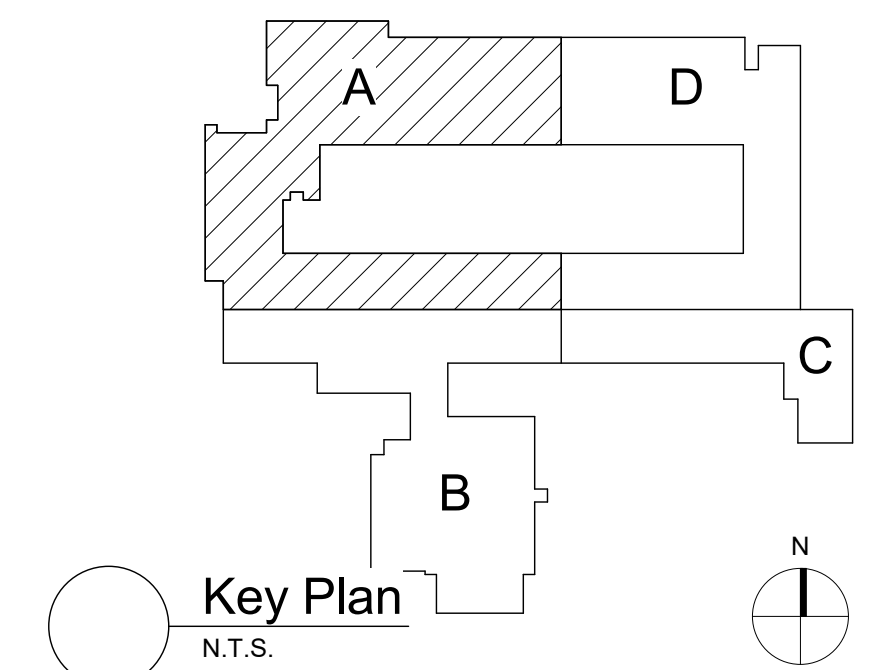


General Ceiling Notes

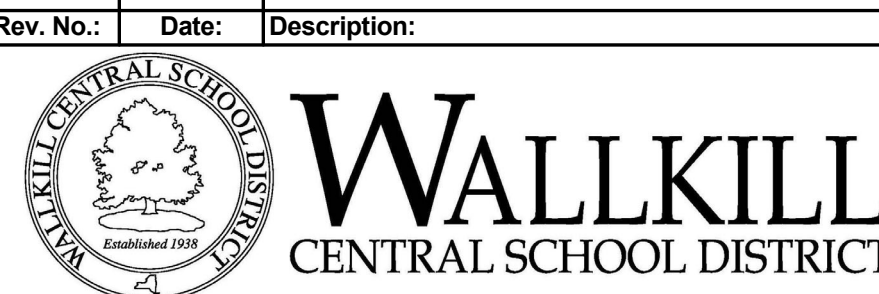
- A. LIGHTING AND OTHER CEILING-MOUNTED FIXTURES ARE SHOWN FOR DRAWING CLARITY. COORDINATE ALL CEILING WORK PRIOR TO INSTALLATION OF CEILING GRID.
- B. CEILING HEIGHT IS 9'-0" ABOVE FINISHED FLOOR (UNO).
- C. CENTER CEILING-MOUNTED ITEMS (LIGHTS, GRILLES, DETECTORS, SPRINKLER HEAD, ETC) WITHIN THE CEILING PANELS AND GRIDS UNLESS THE PANELS ARE SCORED. CENTER ITEMS 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 CONSTRUCTION PRIOR TO PAINTING.
- G. X 19'-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
- A2 X-X" ACOUSTIC PANEL CEILING
- B X-X" PAINTED 5/8" GYPSUM CEILING ON SUPPORT MATERIALS (GRID SUSPENSION SYSTEM, TYP UNO)



S.E.D. Control No. 62-18-01-06-0-003-014



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Walkill Central School District
Walkill, New York

Reconstruction to:
Ostrander Elementary School

First Floor Reflected Ceiling Plan -
Area A

Drawn By: TTAE Date: 11/4/2022 Drawing Number:
Project No.: 17597-22001 CA160



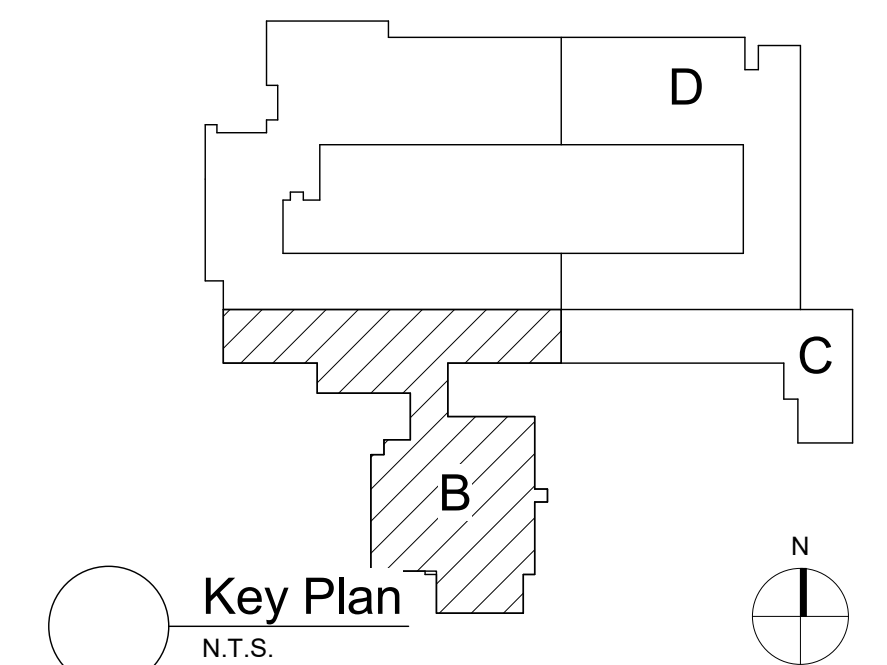
1 First Floor - Reflected Ceiling Plan
1/8" = 1'-0"

General Ceiling Notes

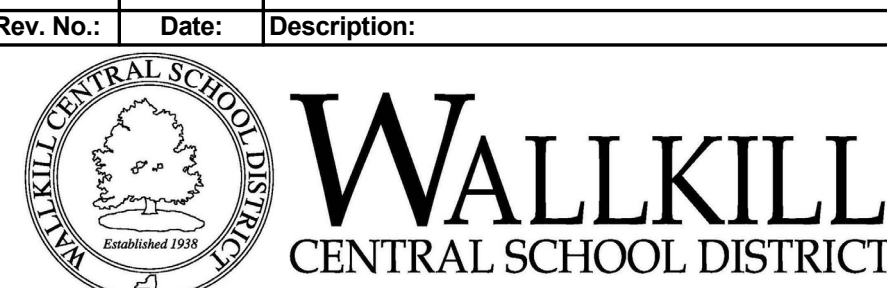
- A. LIGHTING AND OTHER CEILING-MOUNTED FIXTURES ARE SHOWN FOR DRAWING CLARITY. COORDINATE ALL CEILING WORK PRIOR TO INSTALLATION OF CEILING GRID.
- B. CEILING HEIGHT IS 9'-0" ABOVE FINISHED FLOOR (UNO).
- C. CENTER CEILING-MOUNTED ITEMS (LIGHTS, GRILLES, DETECTORS, SPRINKLER HEAD, ETC) WITHIN THE CEILING PANELS AND GRIDS UNLESS THE PANELS ARE SCORED. CENTER ITEMS 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 CONSTRUCTION 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
- A2 X'-X" ACOUSTIC PANEL CEILING
- B X'-X" PAINTED 5/8" GYPSUM CEILING ON SUPPORT MATERIALS (GRID SUSPENSION SYSTEM, TYP UNO)



S.E.D. Control No. 62-18-01-06-0-003-014



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CLEAR SOLUTIONS

Tetra Tech Engineers, Architects
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BID SET

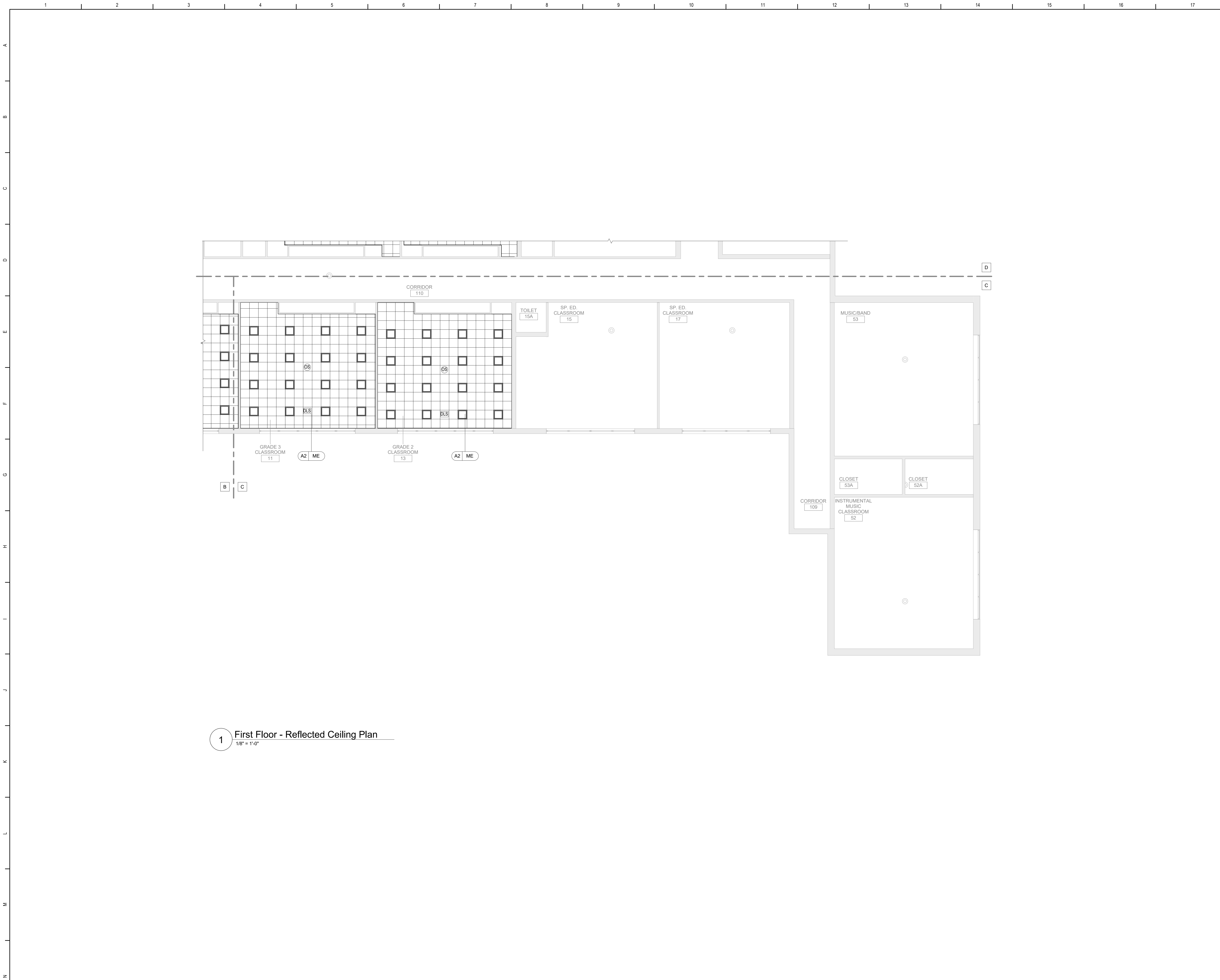


Wallkill Central School District
Wallkill, New York

Reconstruction to:
Ostrander Elementary School

First Floor Reflected Ceiling Plan -
Area B

Drawn By: TTAE Date: 11/4/2022 Drawing Number:
Project No.: 17597-22001 **CA161**

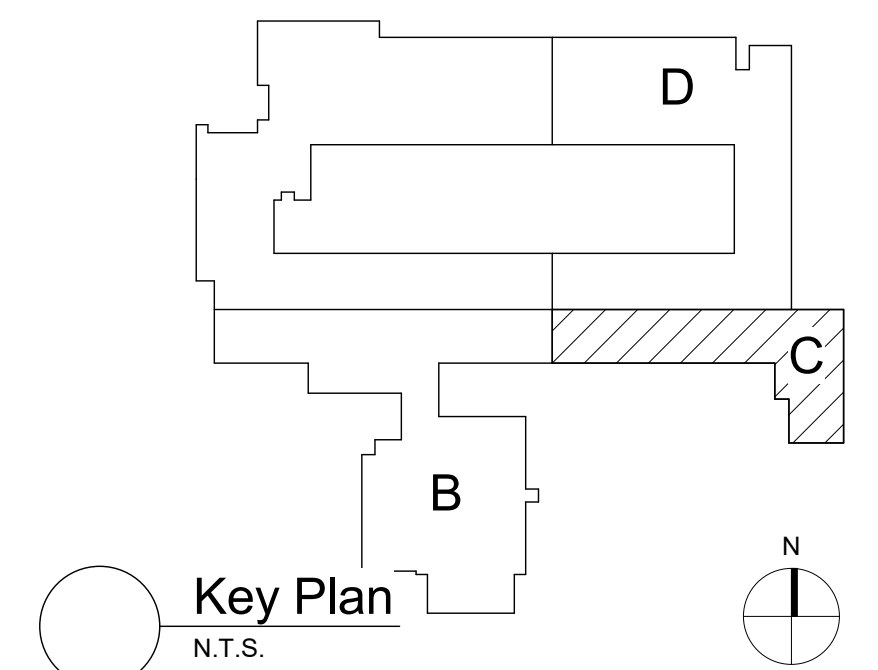


General Ceiling Notes

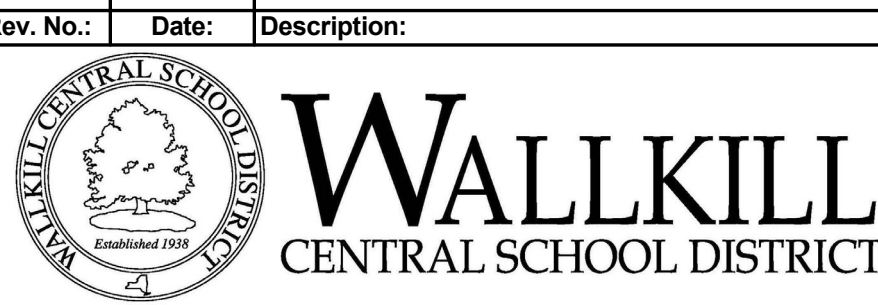
- A. LIGHTING AND OTHER CEILING-MOUNTED FIXTURES ARE SHOWN FOR DRAWING CLARITY. COORDINATE ALL CEILING WORK PRIOR TO INSTALLATION OF CEILING GRID.
- B. CEILING HEIGHT IS 9'-0" ABOVE FINISHED FLOOR (UNO).
- C. CENTER CEILING-MOUNTED ITEMS (LIGHTS, GRILLES, DETECTORS, SPRINKLER HEAD, ETC) WITHIN THE CEILING 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
- A2 X-X" ACOUSTIC PANEL CEILING
- B X-X" PAINTED 5/8" GYPSUM CEILING ON SUPPORT MATERIALS (GRID SUSPENSION SYSTEM, TYP UNO)



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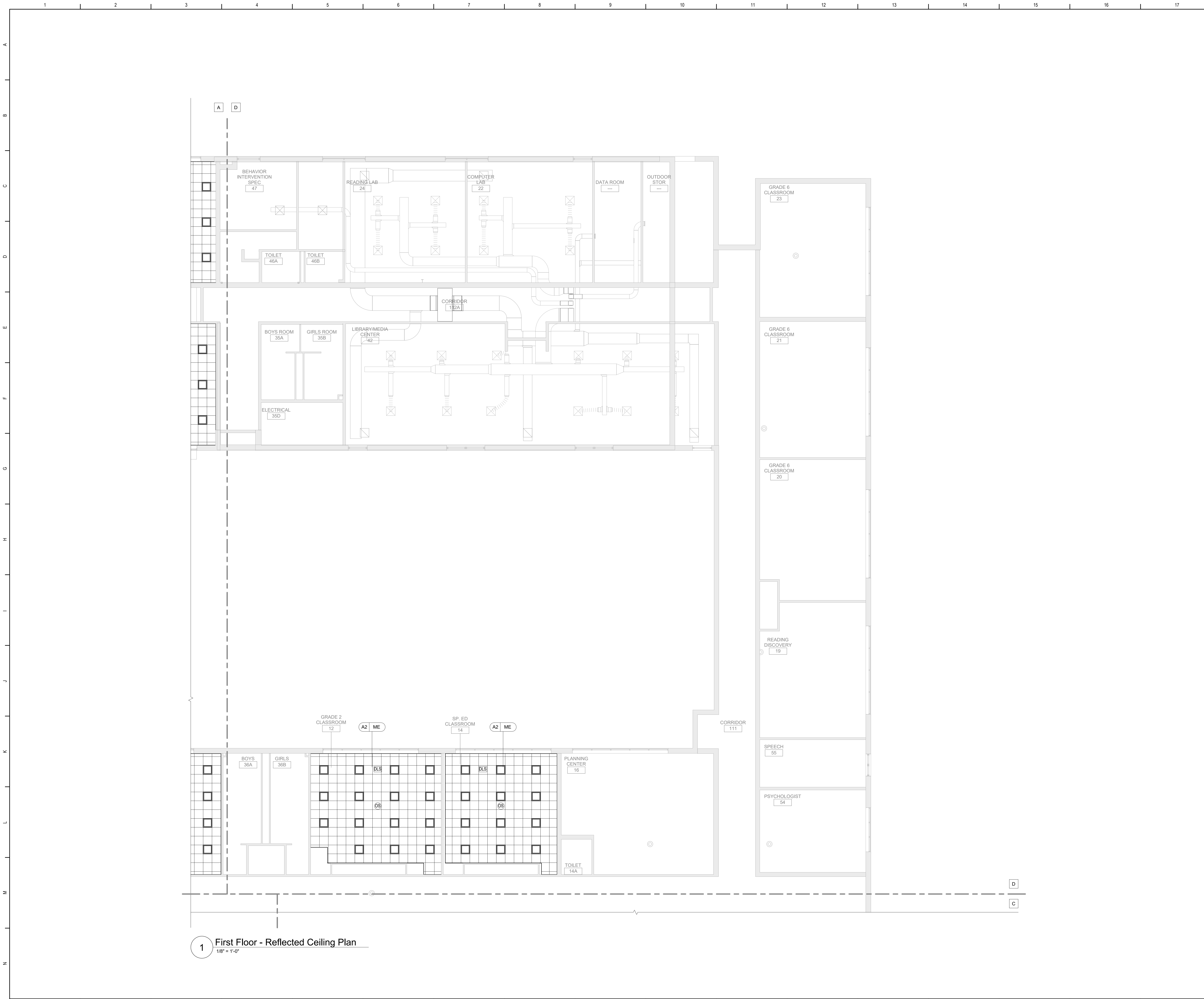


Wallkill Central School District
Wallkill, New York

Reconstruction to:
Ostrander Elementary School

First Floor Reflected Ceiling Plan -
Area C

Drawn By: TTAE	Date: 11/4/2022	Drawing Number:
Project No.: 17597-22001		CA162



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
A2	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.

S.E.D. Control No. 62-18-01-06-0-003-014

Rev. No.:	Date:	Description:

WALLKILL
CENTRAL SCHOOL DISTRICT

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TETRA TECH
ARCHITECTS & ENGINEERS

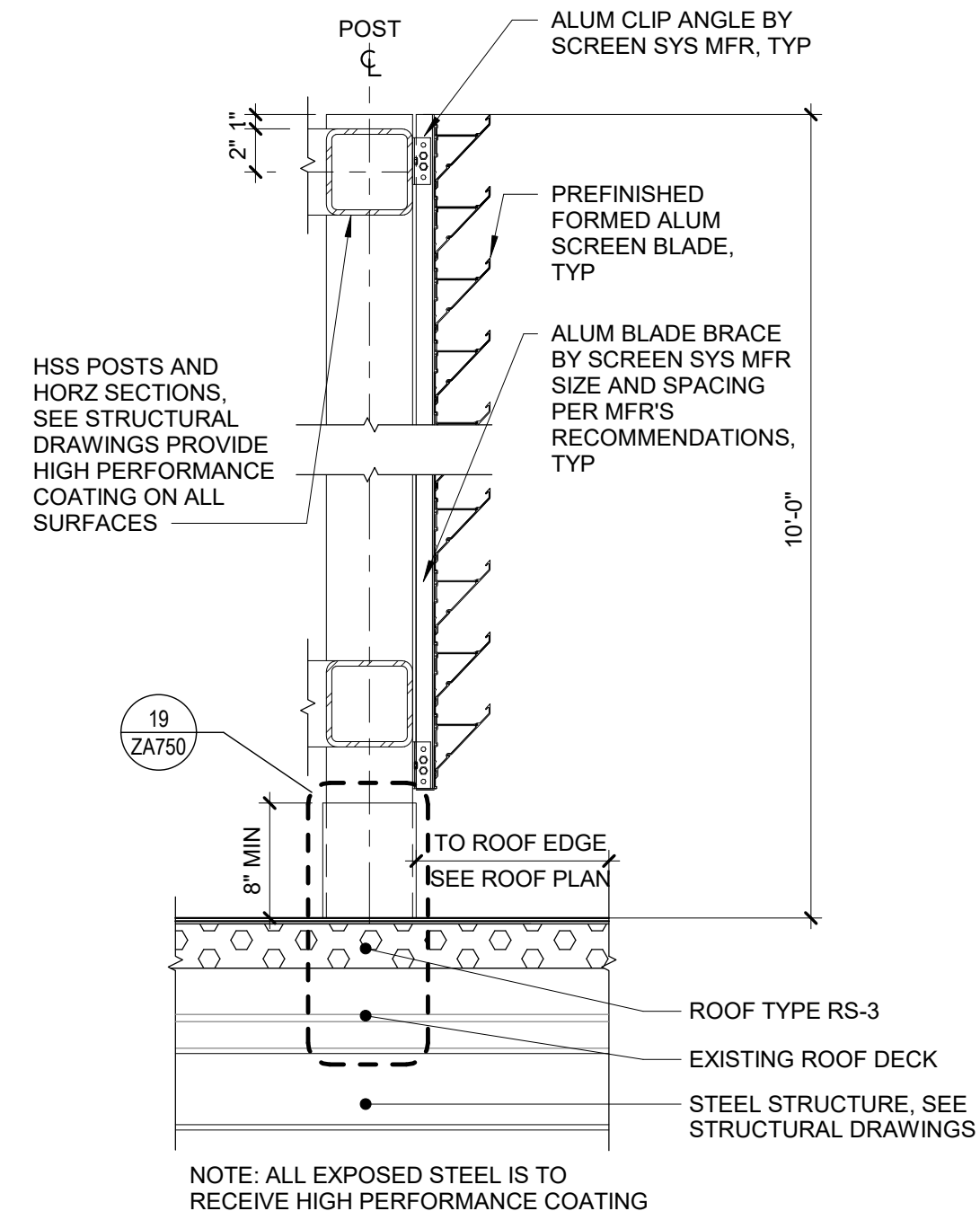
Wallkill Central School District
Wallkill, New York

Reconstruction to:
Ostrander Elementary School

First Floor Reflected Ceiling Plan -
Area D

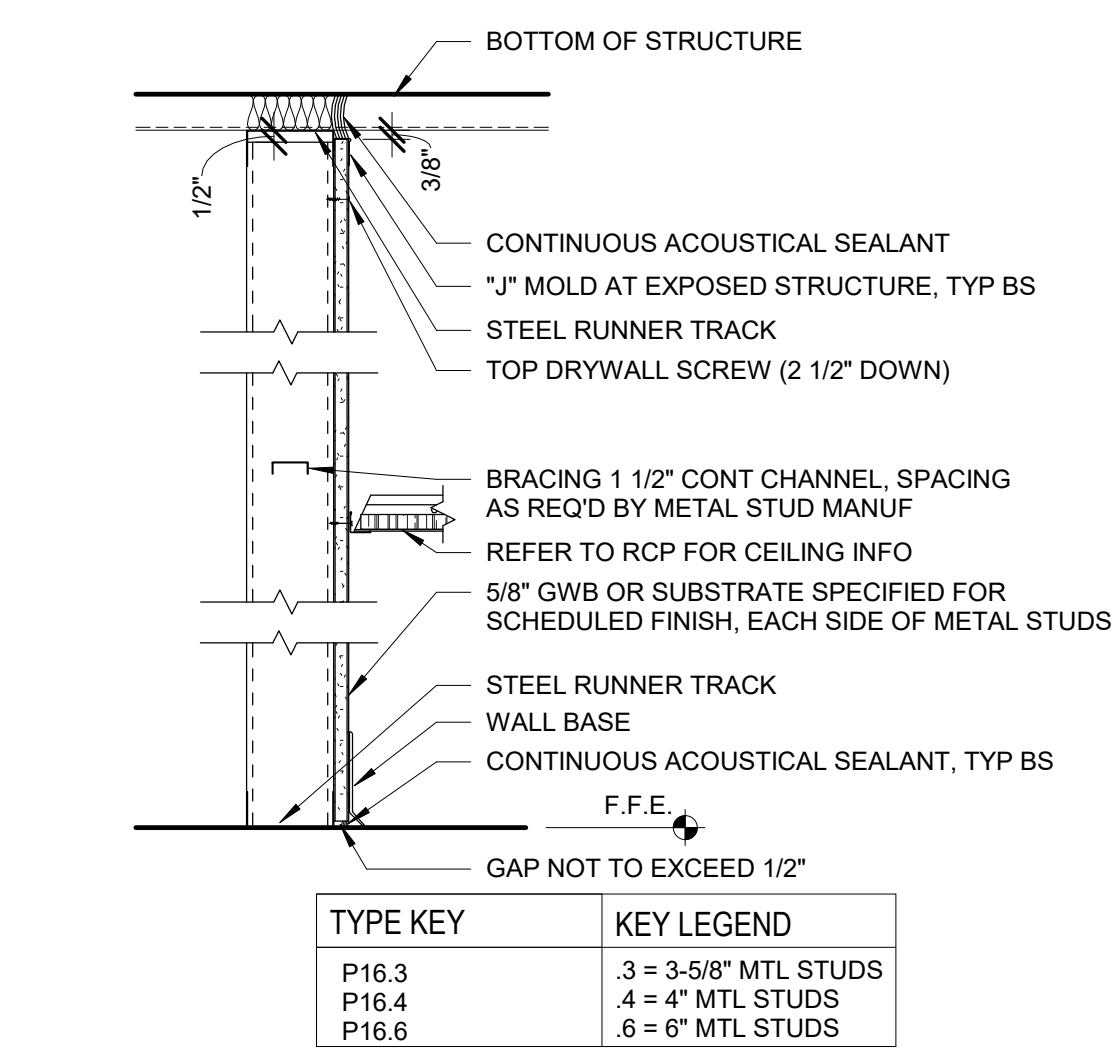
Drawn By: TTAE	Date: 11/4/2022	Drawing Number: CA163
Project No.: 17597-22001		

6 Typ Equipment Screen Plan Detail
1" = 1'-0"

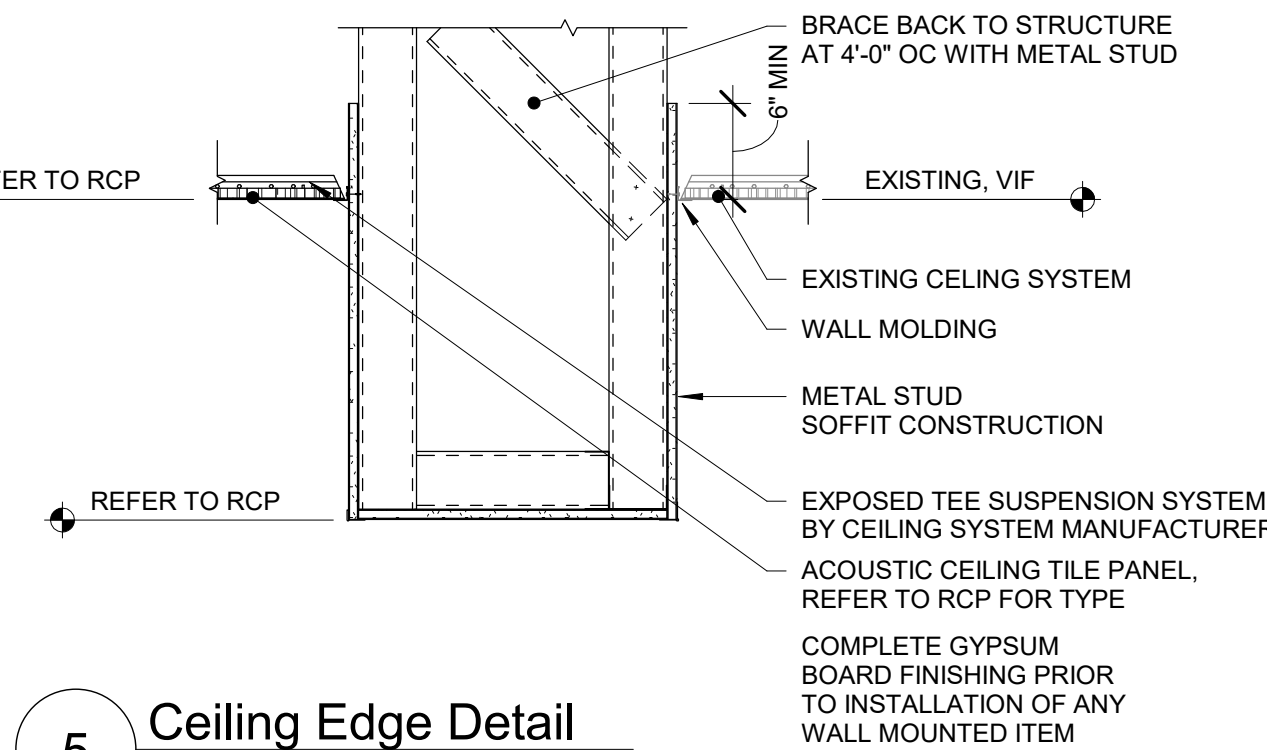


7 Typ Equipment Screen Section Detail
1" = 1'-0"

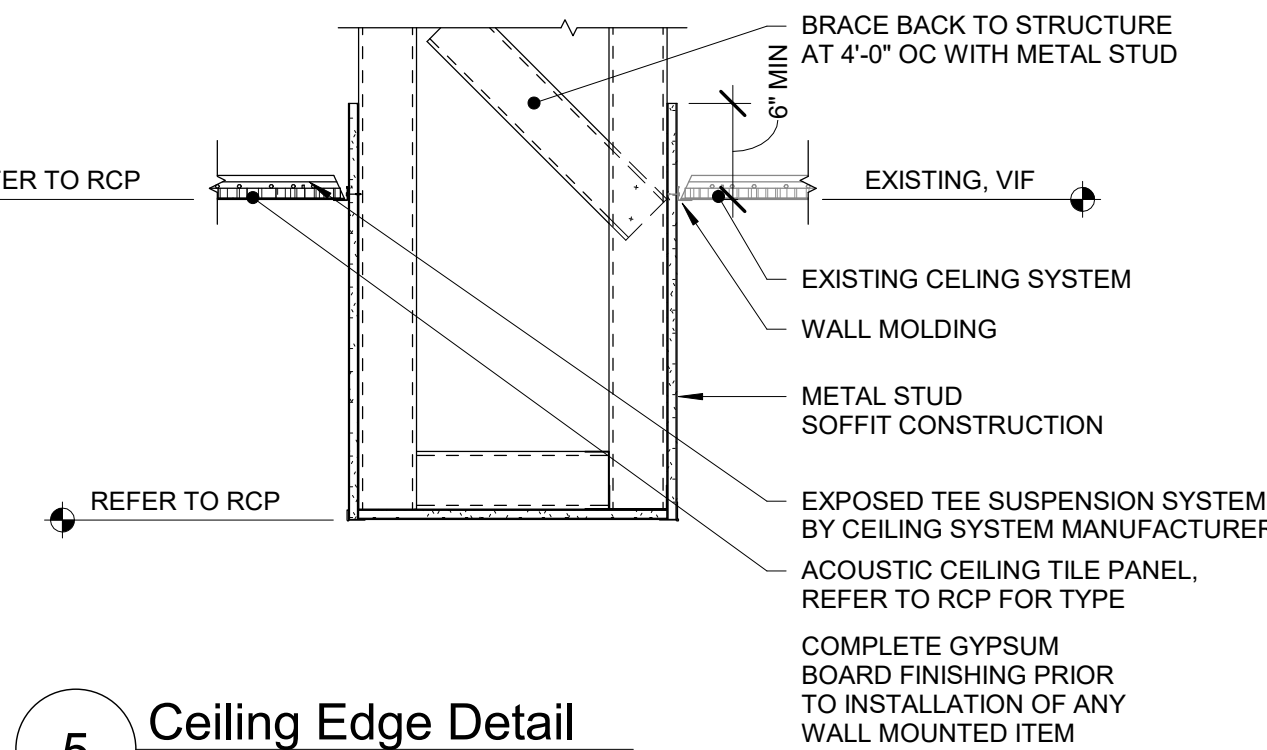
3 Partition Types P12 and P13
1 1/2" = 1'-0"



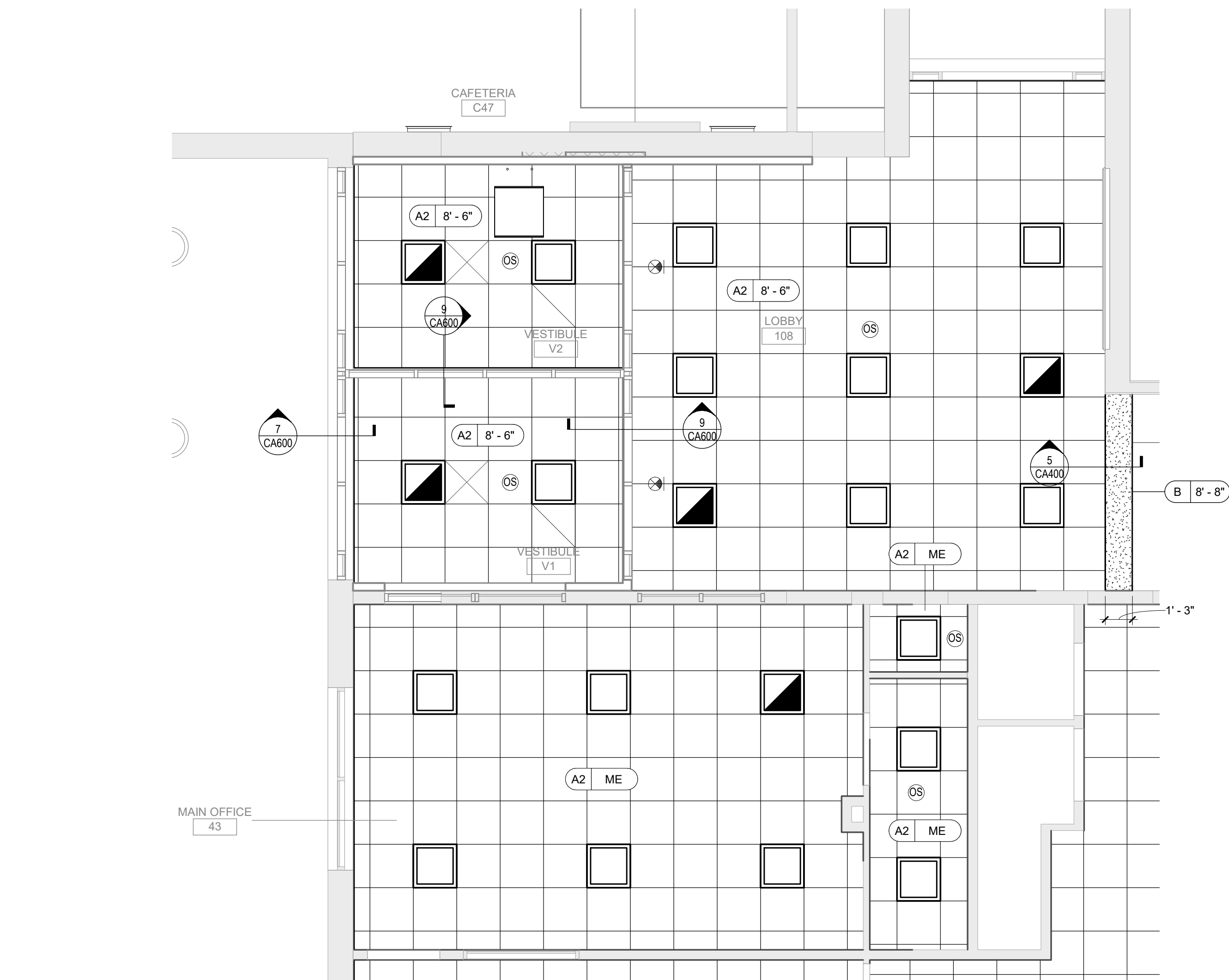
4 Partition Type P16
1 1/2" = 1'-0"



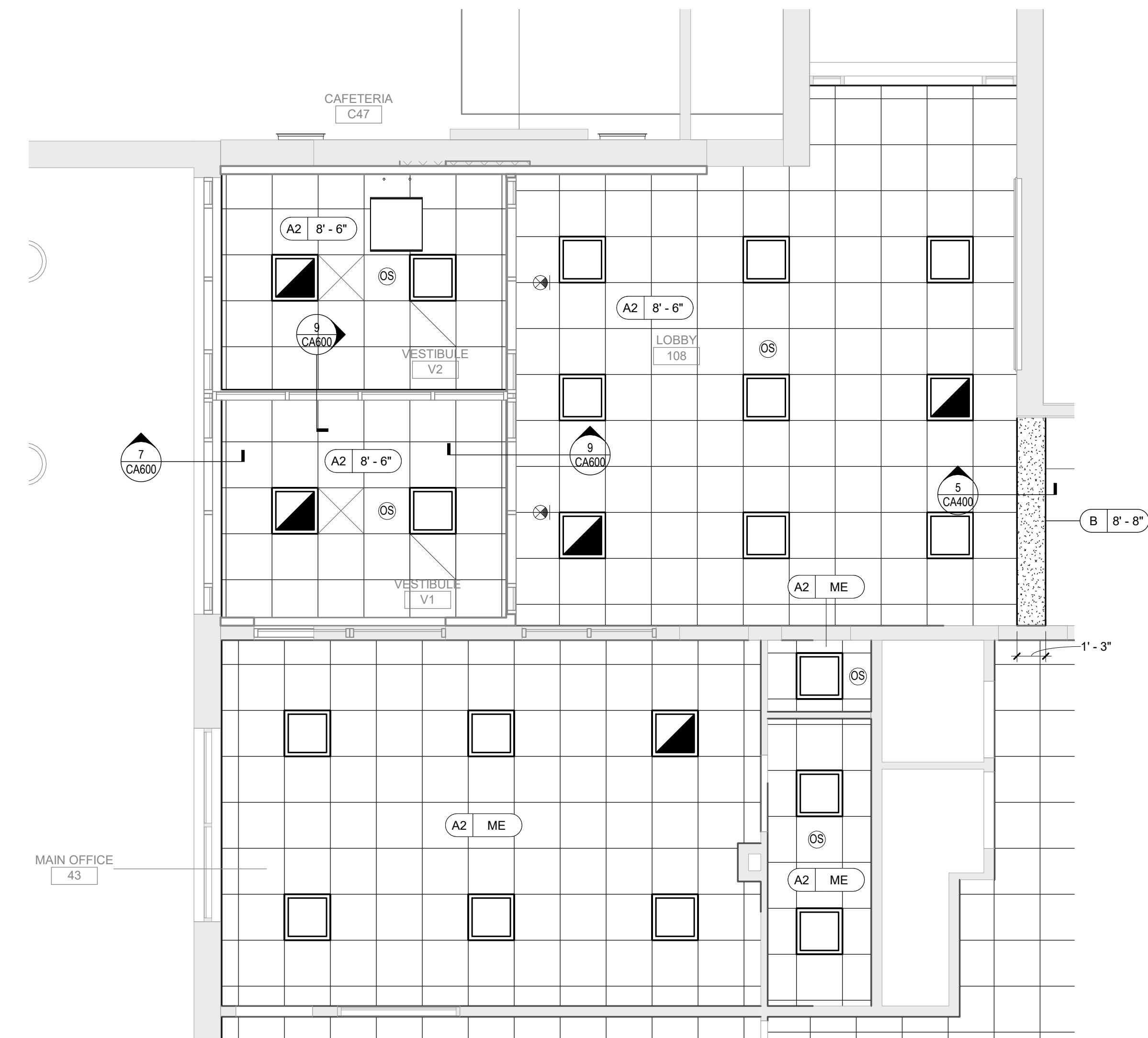
5 Ceiling Edge Detail
1" = 1'-0"



1 Enlarged Plan - Entrance Vestibule
1/4" = 1'-0"



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



Room Finish Key

C2	CARPET - TYPE 2 ENTRY WALK OFF
HPC	HIGH PERFORMANCE COATING
CS	MOISTURE CONTROL SYSTEM
LVT	LUXURY VINYL TILE
N	NO WORK REQUIRED
P	PAINT SURFACE(S) INCLUDING SOFFITS
PT	PORCELAIN TILE
RB	RUBBER BASE
TB	TERRAZZO BASE

SEE REFLECTED CEILING PLAN
PROVIDE NEW TB AT PT WALLS
THICKSET APPLICATION FOR PT

INDICATED CHANGE IN FLOOR FINISH

NOTE: ALL FINISHES LISTED MAY NOT BE REQUIRED FOR THIS PROJECT.
REFER TO CA900 FOR GENERAL FINISH NOTES.

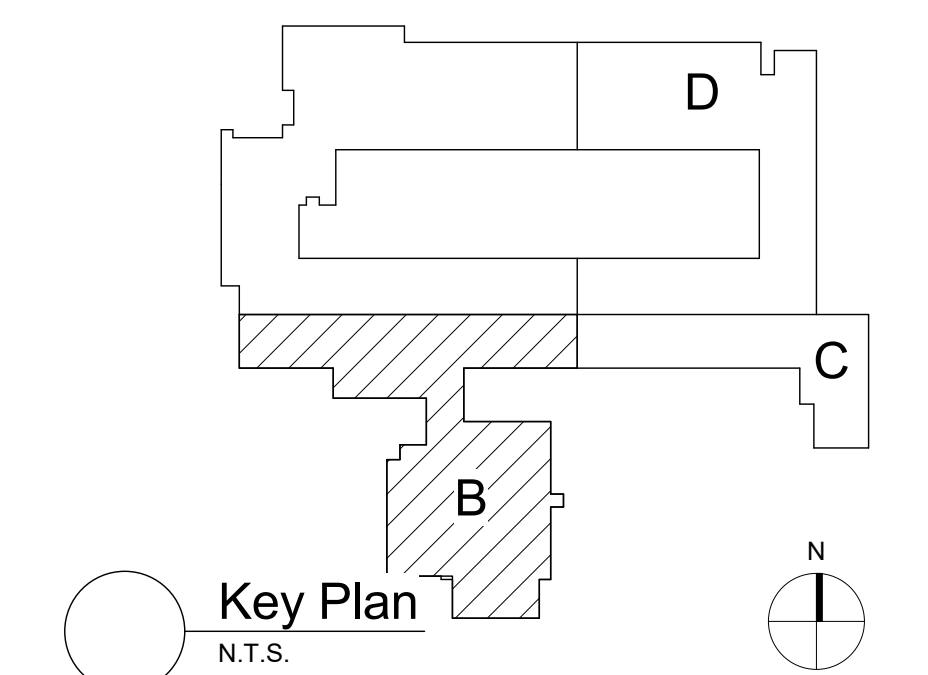
FINISHES SHOWN IN ROOM FINISH BOX ARE FOR ALL WALLS AND ENTIRE FLOOR AND CEILING. REFER TO EACH ROOM FOR MORE INFORMATION.			
RMP			
CLG*	WALL	FLR	BASE

Ceiling Types

A1	X-X*	ACOUSTIC PANEL CEILING
A2	X-X*	ACOUSTIC PANEL CEILING
B	X-X*	PAINTED 5/8" GYPSUM CEILING ON SUPPORT MATERIALS (GRID SUSPENSION SYSTEM, TYP UNO)

General Ceiling Notes

- LIGHTING AND OTHER CEILING-MOUNTED FIXTURES ARE SHOWN FOR DRAWING CLARITY. COORDINATE ALL CEILING WORK PRIOR TO INSTALLATION OF CEILING GRID.
- CEILING HEIGHT IS 9'-0" ABOVE FINISHED FLOOR (UNO).
- CENTER CEILING-MOUNTED ITEMS (LIGHTS, GRILLES, DETECTORS, SPRINKLER HEAD, ETC) WITHIN THE CEILING PANELS AND GRIDS UNLESS THE PANELS ARE SCORED. CENTER ITEMS WITHIN THE PATTERN OF SCORED PANELS.
- PROVIDE EXPANSION JOINT (EJ) COVERS IN CEILINGS AND SOFFITS AT EJ LOCATIONS.
- PROVIDE CONTROL JOINTS IN GYPSUM BOARD CEILINGS AND SOFFITS AS DETAILED ON DRAWINGS (MAXIMUM 20'-0" OC, EVENLY SPACED, TYP UNO).
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- X 19'-0" DESIGNATES BOTTOM OF CEILING ABOVE FINISHED FLOOR AT THAT POINT UNO. DESIGNATION "ME" INDICATES MATCH EXISTING CEILING HEIGHT.



S.E.D. Control No. 62-18-01-06-0-003-014

Rev. No.: Date: Description:



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Wallkill Central School District
Wallkill, New York

Reconstruction to:
Ostrander Elementary School

Enlarged Plans and Details

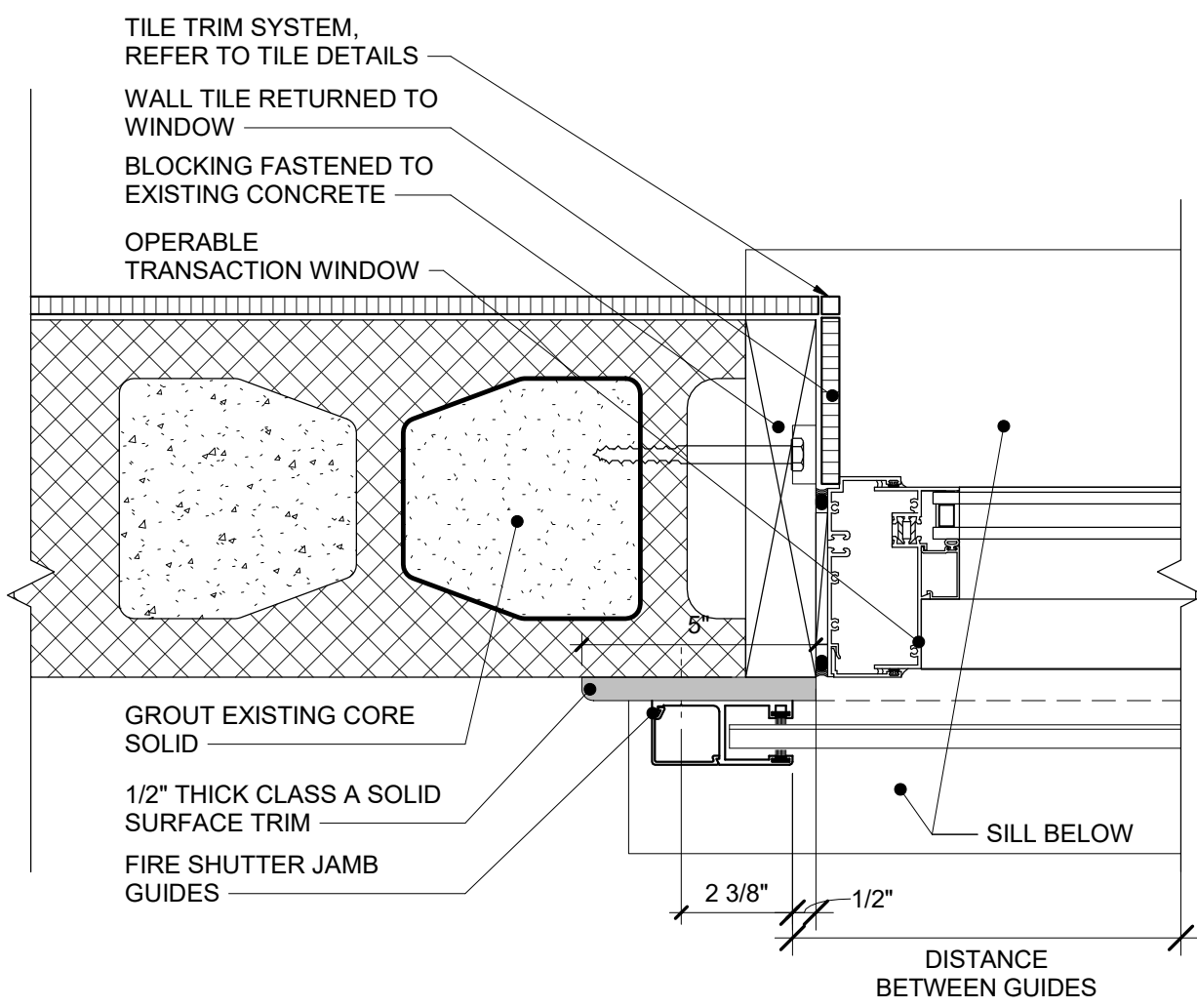
Drawn By: TTAE	Date: 11/4/2022	Drawing Number:
Project No.: 17597-22001	CA400	

Door Schedule																			
ROOM NUMBER	DOOR NUMBER	DOOR						FRAME						H/W SET	REMARKS				
		TYPE	MATERIAL	WIDTH	HEIGHT	RATING	GLAZING	TYPE	MATERIAL	WIDTH	HEIGHT	RATING	GLAZING			HEAD	JAMB	SILL	
1st FLOOR																			
1	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					01	NOTE 2
2	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					01	NOTE 2
3	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					01	NOTE 2
4	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					01	NOTE 2
5	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					01	NOTE 2
6	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					01	NOTE 2
7	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					01	NOTE 2
8	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					01	NOTE 2
9	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					01	NOTE 2
10	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					01	NOTE 2
11	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					01	NOTE 2
12	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					01	NOTE 2
13	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					01	NOTE 2
14	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					01	NOTE 2
15	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					01	NOTE 2
16	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					01	NOTE 2
17	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					01	NOTE 2
18	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					01	NOTE 2
19	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					01	NOTE 2
20	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					01	NOTE 2
21	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					01	NOTE 2
22	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					01	NOTE 2
23	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					01	NOTE 2
24	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					01	NOTE 2
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34	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					01	NOTE 2
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37	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					01	NOTE 2
38	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					01	NOTE 2
38	2	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					01	NOTE 2
40	1	EXG-PR	EXG	3'-0"	7'-0"	-	-	EXG	EXG	6'-4"	7'-4"	-	-					03	
40	2	EXG-PR	EXG	3'-0"	7'-0"	-	-	EXG	EXG	6'-4"	7'-4"	-	-					03	
41	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					01	NOTE 2
42	1	EXG-PR	EXG	3'-0"	7'-0"	-	-	EXG	EXG	6'-4"	7'-4"	-	-					01	NOTE 2
42	2	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					01	NOTE 2
43	1	EXG	EXG	2'-8"	7'-0"	-	-	EXG	EXG	3'-0"	7'-4"	-	-					01	NOTE 2
46	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					04	NOTE 2
47	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					02	
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51	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					01	NOTE 2
52	1	EXG-PR	EXG	3'-0"	7'-0"	-	-	EXG	EXG	6'-4"	7'-4"	-	-					04	NOTE 2
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56	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					01	NOTE 2
C47	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					01	NOTE 2
C47	2	EXG-PR	EXG	2'-6"	7'-0"	-	-	EXG	EXG	5'-4"	7'-4"	-	-					01	NOTE 2
LR38	1	EXG	EXG	3'-0"	7'-0"	-	-	EXG	EXG	3'-4"	7'-4"	-	-					01	NOTE 2
N42	1	EXG	EXG	2'-8"	7'-0"	-	-	EXG	EXG	3'-0"	7'-4"	-	-					01	NOTE 2
V1	1	G2	AL	3'-0"	7'-0"	-	-	FCE/SCL	SC1	AL	19'-0"	8'-6"	-	-	FCE/SCL	7/CA600	6/CA600	05	NOTE 1, NOTE 3
V1	2	G2	AL	3'-0"	7'-0"	-	-	FCE/SCL	SC1	AL	19'-0"	8'-6"	-	-	FCE/SCL	7/CA600	6/CA600	05	NOTE 1, NOTE 3
V1	3	G2	AL	3'-0"	7'-0"	-	-	SCL	SC2	AL	19'-0"	8'-6"	-	-	SCL	9/CA600	10/CA600	06	NOTE 3
V1	4	G2	AL	3'-0"	7'-0"	-	-	SCL	SC2	AL	19'-0"	8'-6"	-	-	SCL	9/CA600	10/CA600	06	NOTE 3
V2	1	G2	AL	3'-0"	7'-0"	-	-	FCE/SCL	SC1	AL	19'-0"	8'-6"	-	-	FCE/SCL	7/CA600	6/CA600	07	NOTE 1, NOTE 3
V2	2	G2	AL	3'-0"	7'-0"	-	-	FCE/SCL	SC1	AL	19'-0"	8'-6"	-	-	FCE/SCL	7/CA600	6/CA600	07	NOTE 1, NOTE 3
V2	3	G2	AL	3'-0"	7'-0"	-	-	SCL	SC2	AL	19'-0"	8'-6"	-	-	SCL	9/CA600	10/CA600	08	NOTE 3
V2	4	G2	AL	3'-0"	7'-0"	-	-	SCL	SC2	AL	19'-0"	8'-6"	-	-	SCL	9/CA600	10/CA600	08	NOTE 3

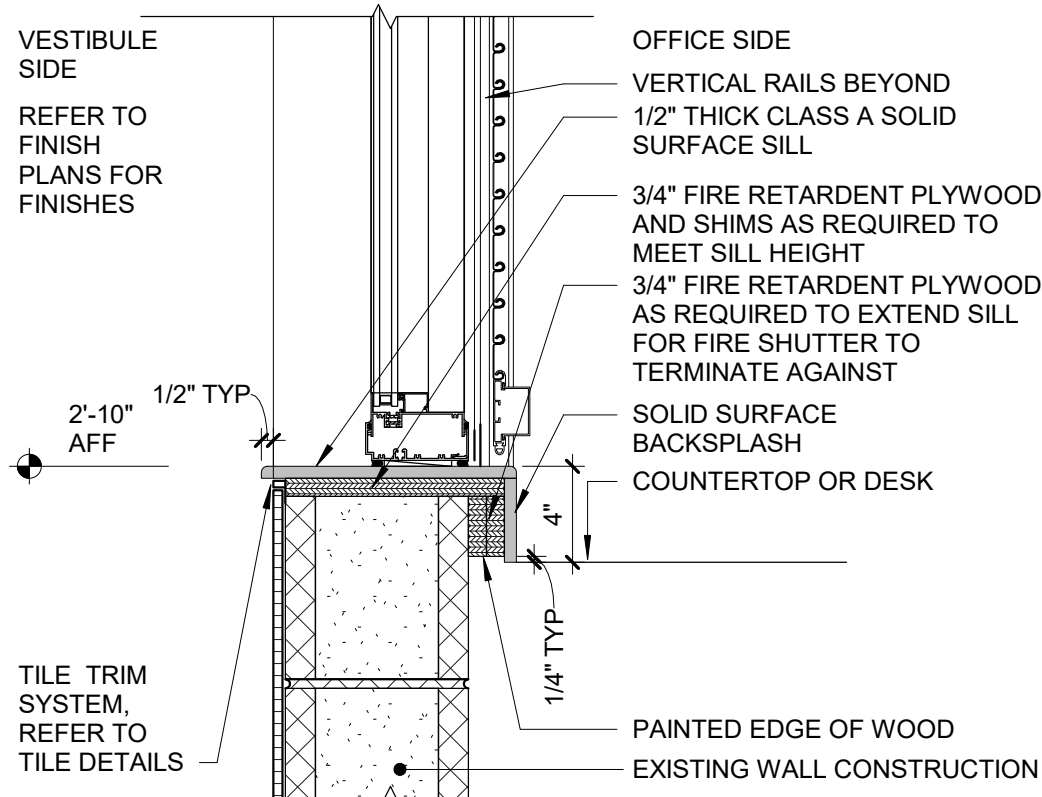
NOTE 1: EXTERIOR DOORS TO RECEIVE MANUFACTURER'S STANDARD ALUMINUM THERMALLY BROKEN DOOR THRESHOLD, SIZED TO FIT OPENING

NOTE 2: MODIFICATION LOCK SUPPLIED AND INSTALLED BY STATE CONTRACT - CYLINDERS AND OTHER LISTED HARDWARE BY GENERAL CONTRACT

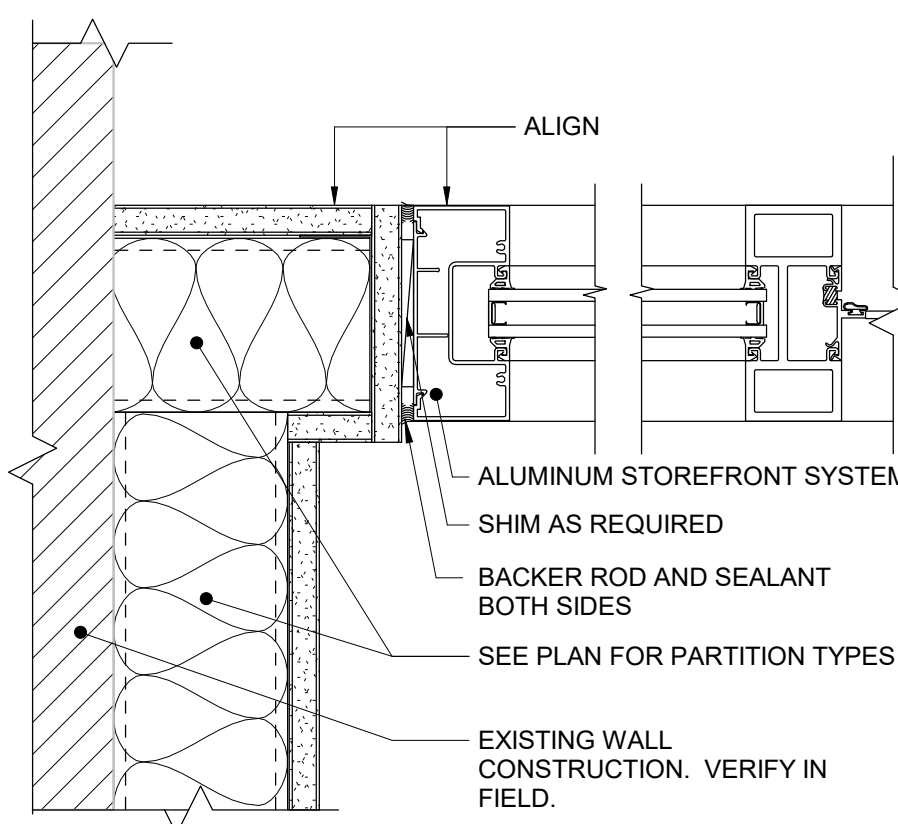
NOTE 3: REFER TO SECURITY DOCUMENTS FOR ADDITIONAL INFORMATION ON SECURITY HARDWARE



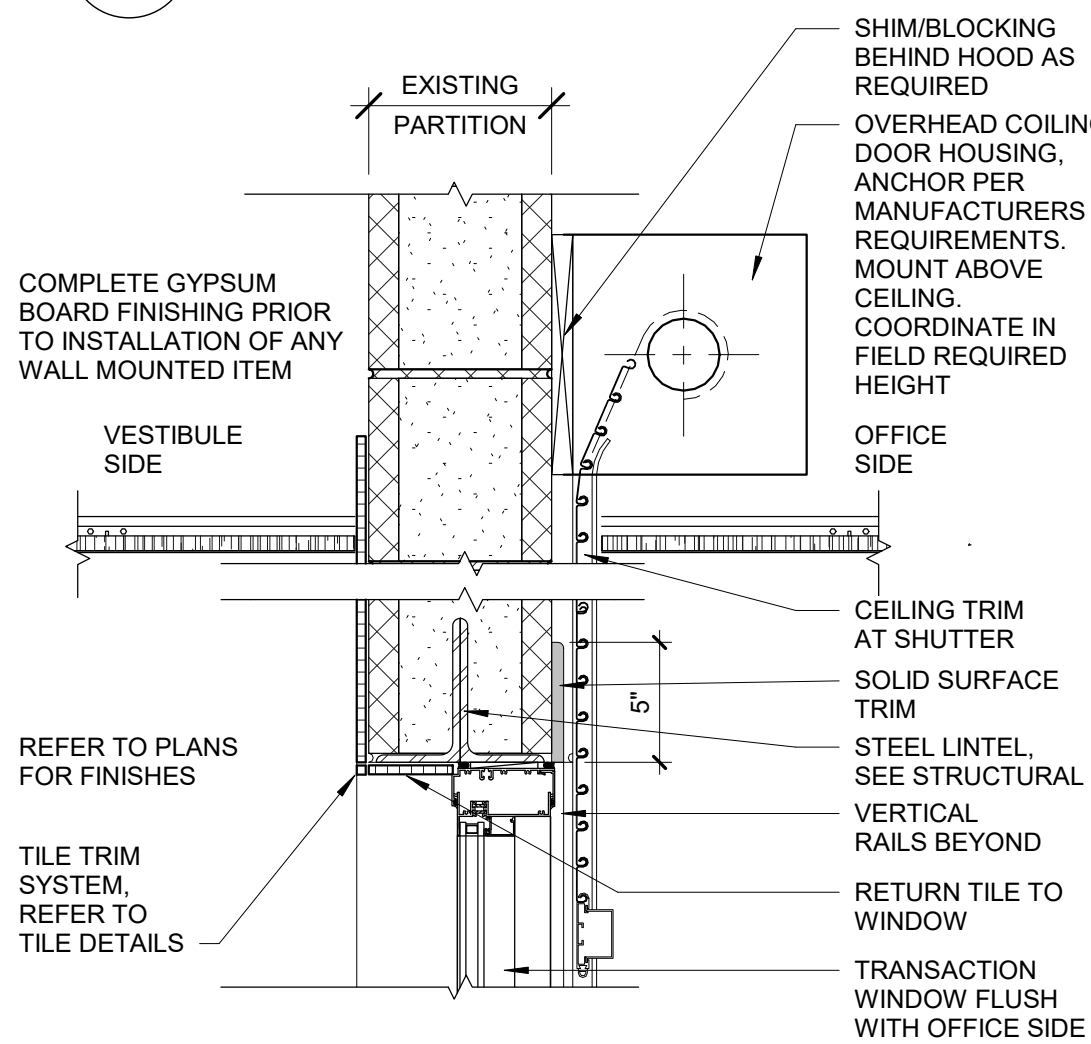
12 Fire Shutter Jamb Detail
3" = 1'-0"



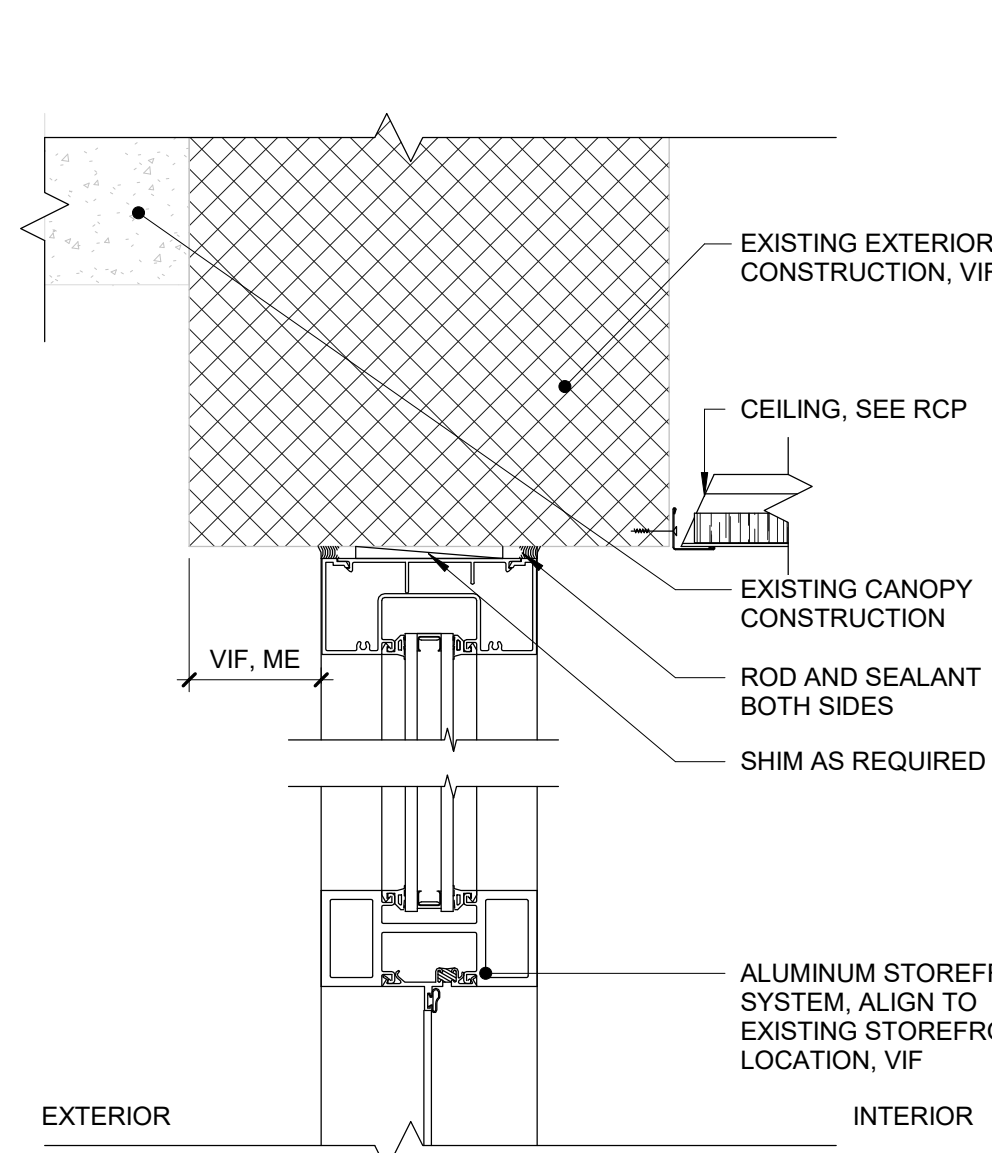
13 Fire Shutter Sill Detail
1 1/2" = 1'-0"



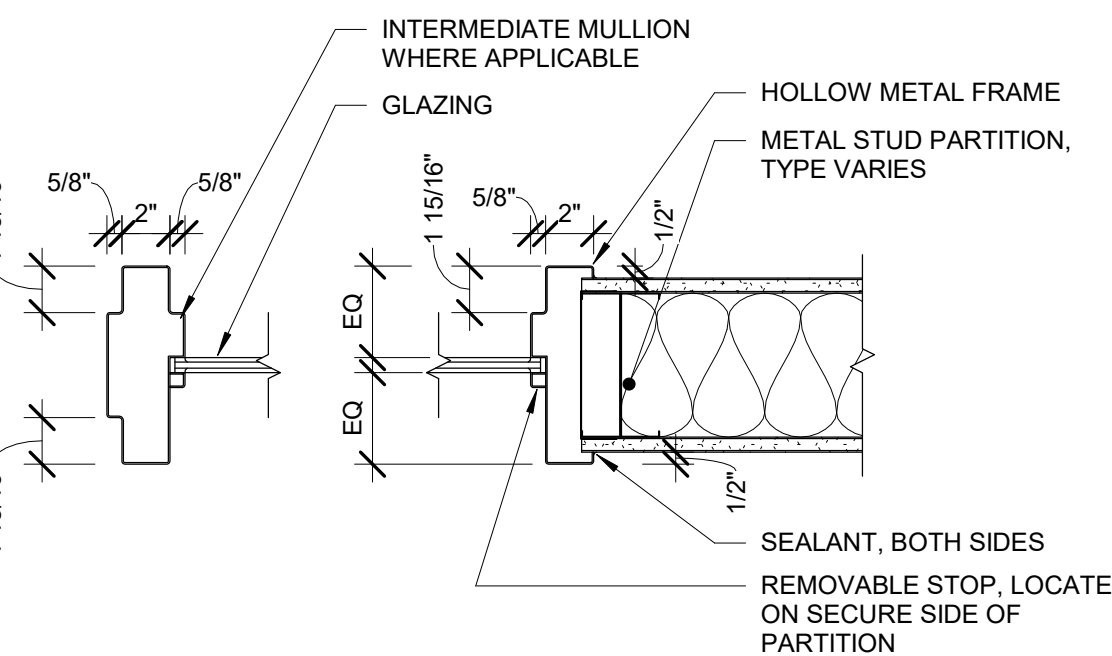
10 Storefront Jamb Detail
3" = 1'-0"



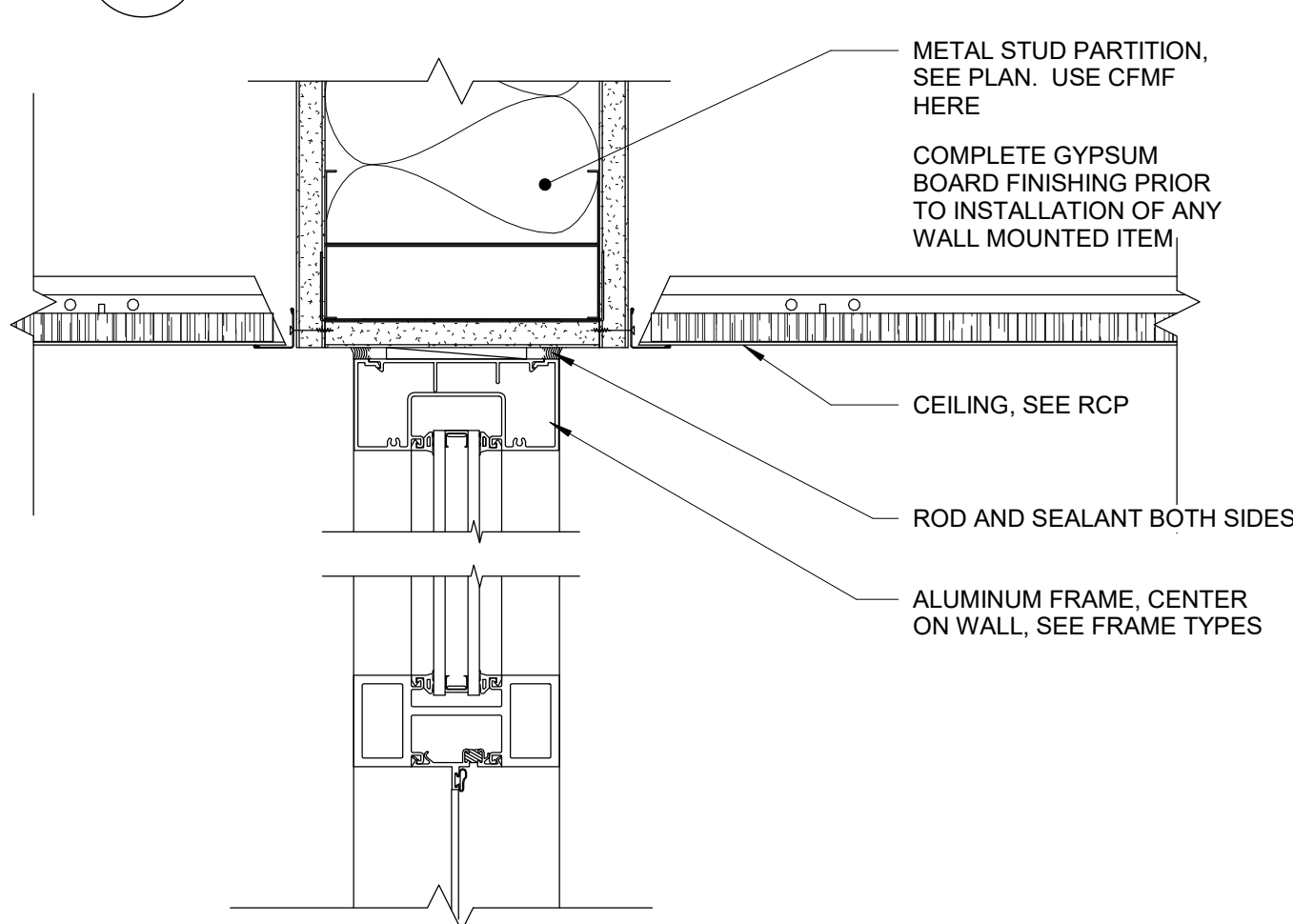
11 Fire Shutter Head Detail
1 1/2" = 1'-0"



7 Storefront Head Exterior
3" = 1'-0"



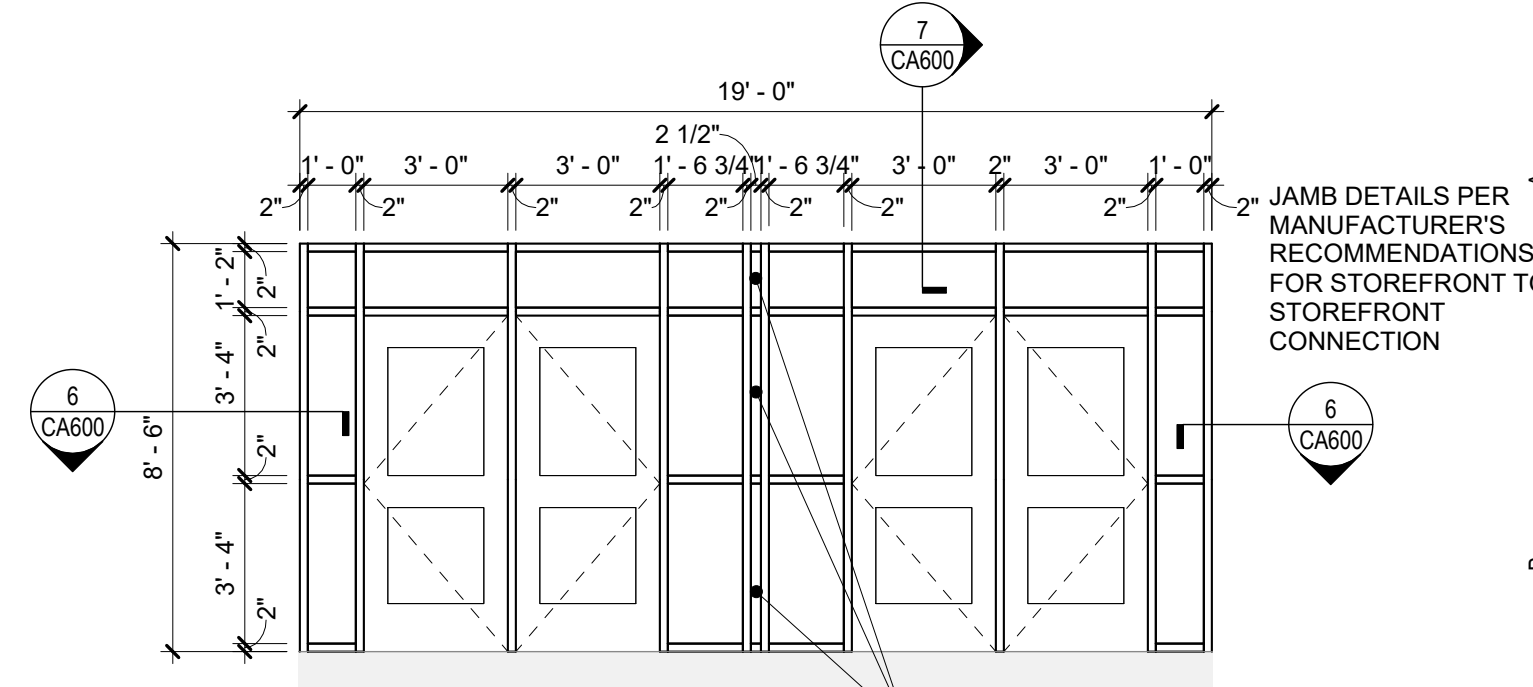
8 Hollow Metal Door Frame Details
1 1/2" = 1'-0"



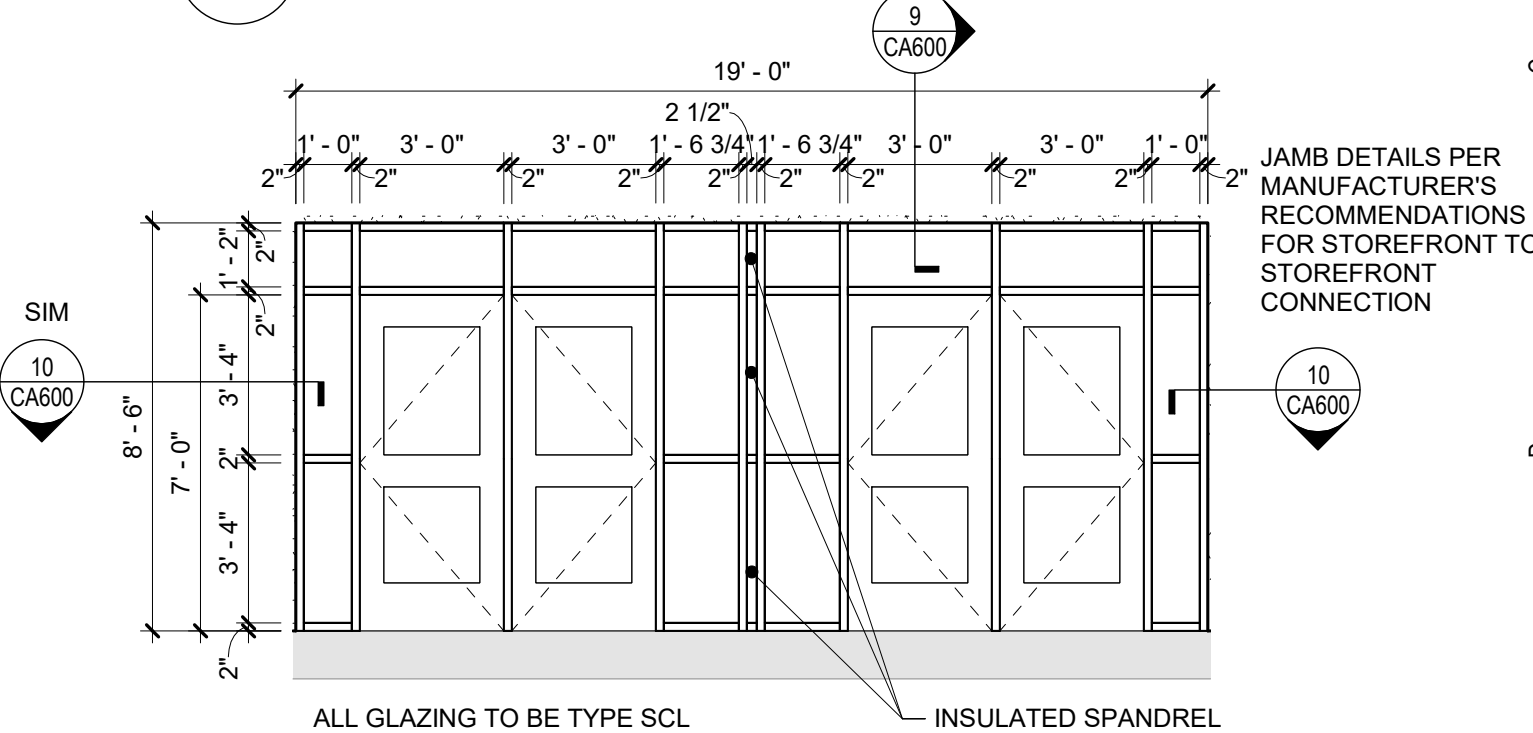
9 Storefront Head Interior
3" = 1'-0"

G2

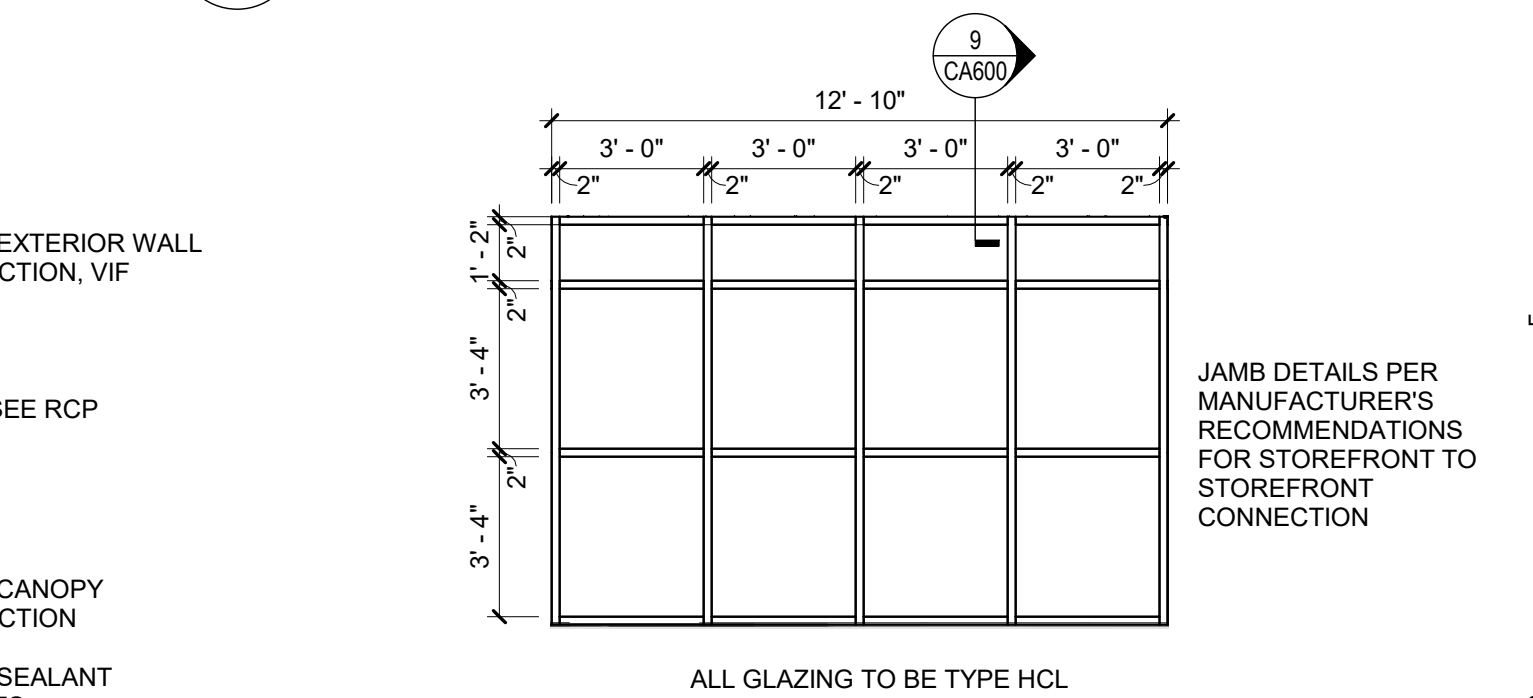
DOOR TYPE



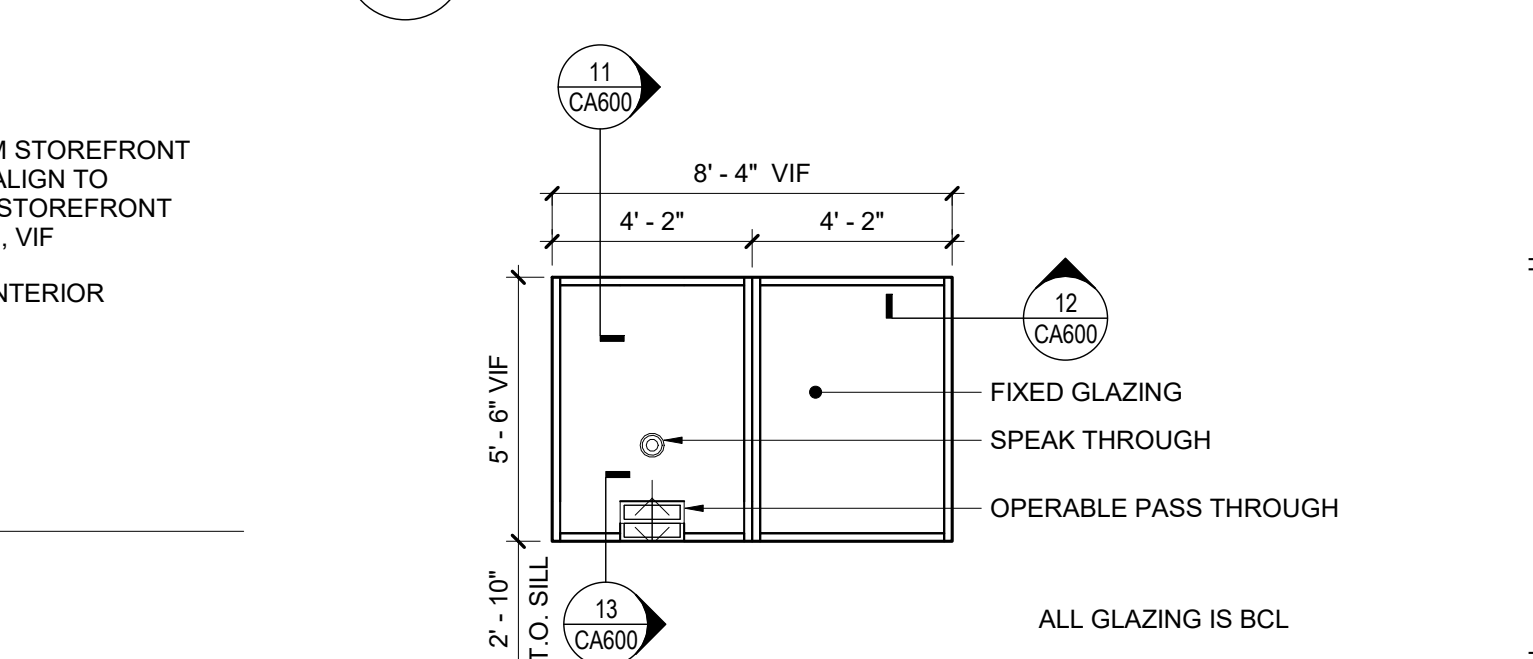
1 STOREFRONT SC1
1/4" = 1'-0"



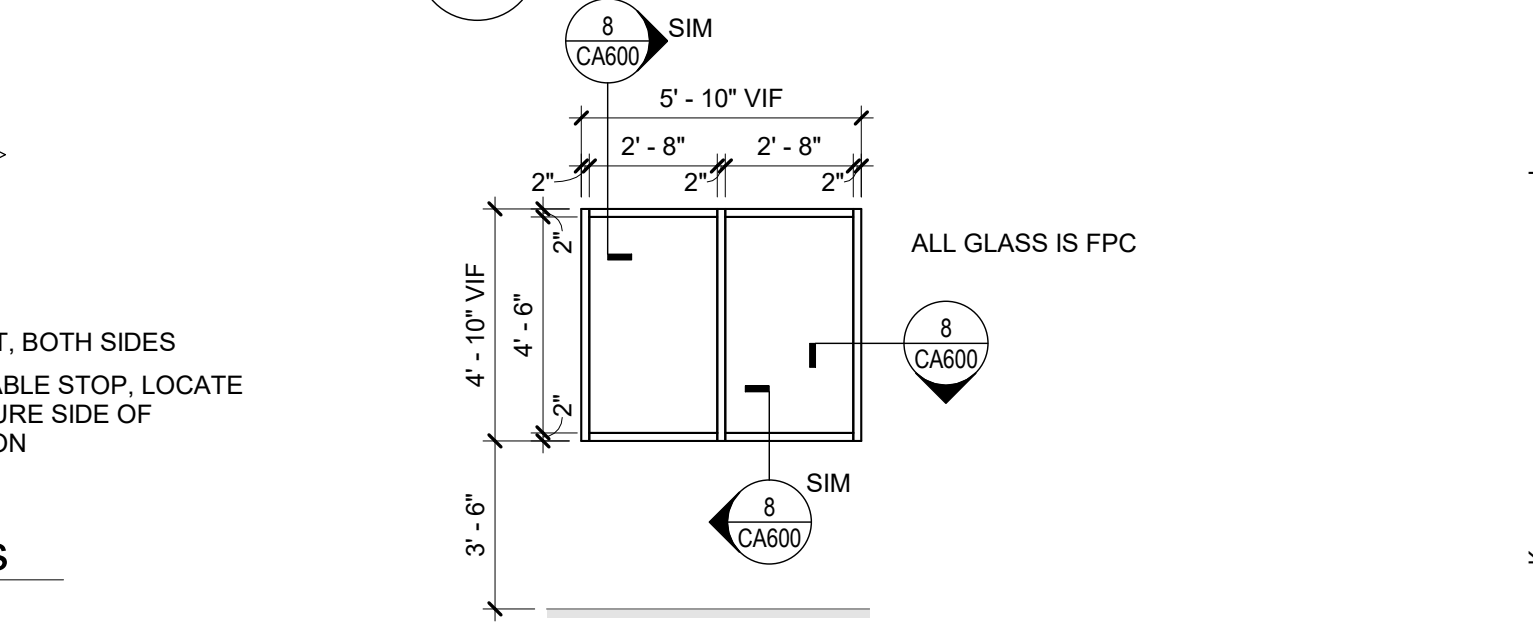
2 STOREFRONT SC2
1/4" = 1'-0"



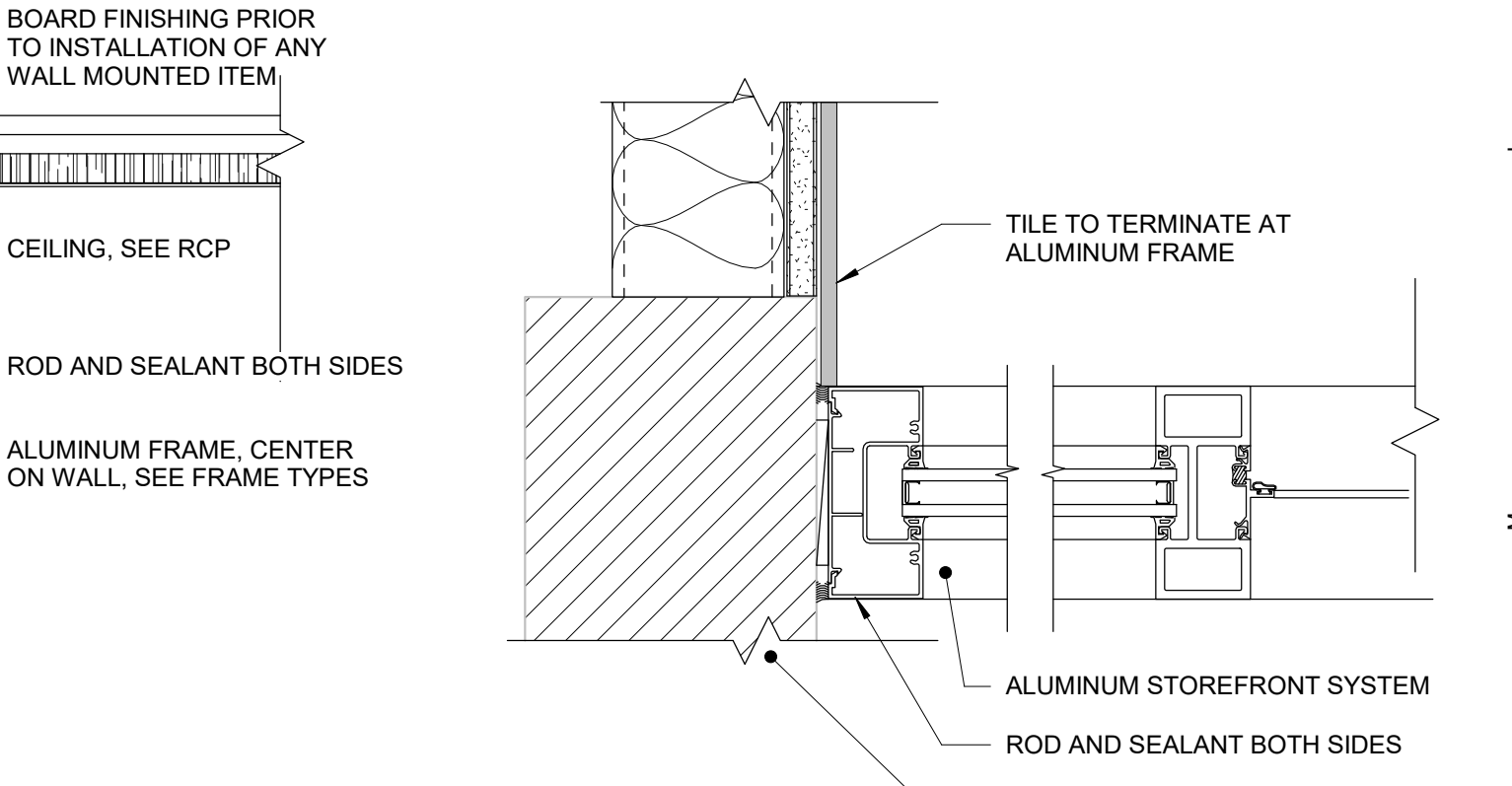
3 STOREFRONT SC3
1/4" = 1'-0"



4 SECURITY WINDOW XC1
1/4" = 1'-0"



5 WINDOW F3
1/4" = 1'-0"



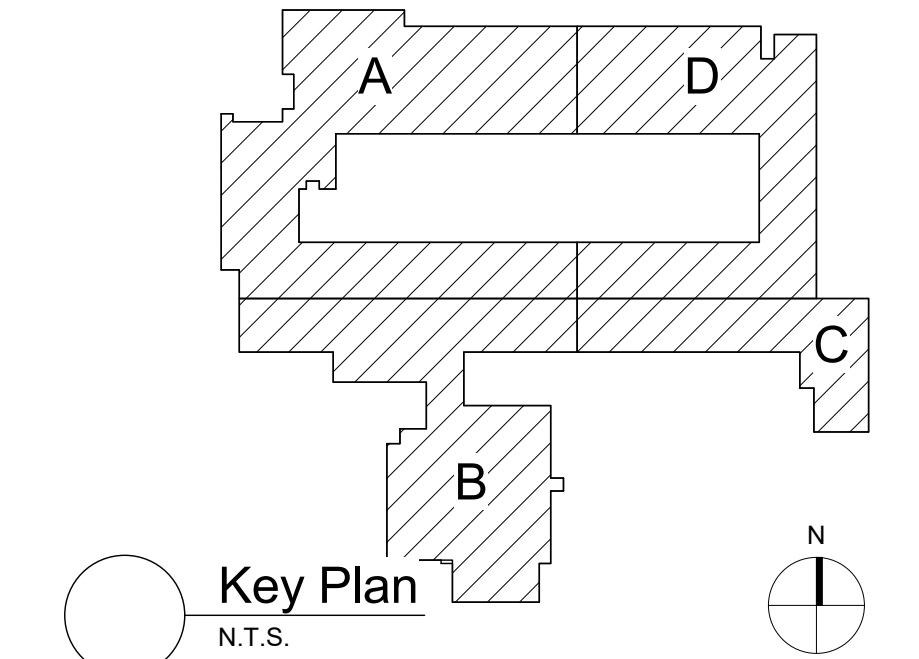
6 Storefront Jamb
3" = 1'-0"

General Door Notes

- HARDWARE ON DOORS FROM SPACES OF PUPL 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.
- ALL DOORS WITH ELECTRO-MAGNETIC HOLD OPEN DEVICES SHALL SWING TOWARDS ADJACENT WALLS. COORDINATE ALL INSTANCES WITH CONTRACTOR RESPONSIBLE FOR ELECTRICAL WORK, AND SEE ELECTRICAL DWGS.
- 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.
- APPLY CONTINUOUS JOINT SEALANT TO ALL JOINTS BETWEEN FRAMES AND WALLS. TYP ALL.
- PROVIDE LINTELS AT ALL DOOR AND WINDOW OPENINGS IN ACCORDANCE WITH LINTEL SCHEDULE ON STRUCTURAL DWGS.
- NOTE THAT DUE TO REQUIREMENTS IN THE BOMYS, SOME FIRE RESISTANCE RATINGS MAY DIFFER BETWEEN DOORS (AND ITS GLASS, IF ANY) AND THAT DOORS FRAME ESPECIALLY IF THAT FRAME HAS GLASS (SIDELITES, TRANSOMS, ETC).

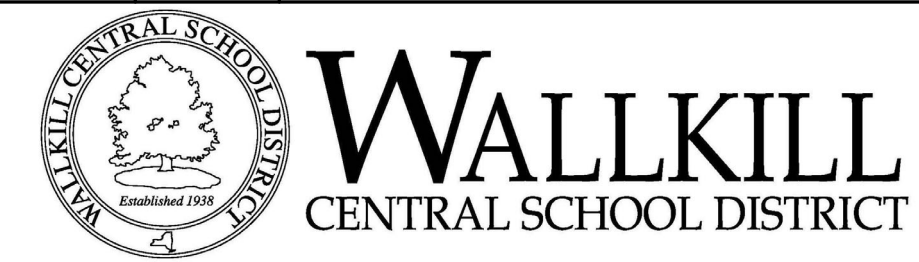
General Window Notes

- INSULATING GLASS UNITS SHALL BE TYPE FCE/SCL, TYP UNO.
- RESCUE WINDOWS ARE INDICATED BY THE DESIGNATION "RW".
- PROVIDE ALL ALUMINUM FLASHINGS, RECEIVERS, TRIM AND SILLS REQUIRED FOR A COMPLETE AND FINISHED INSTALLATION REGARDLESS OF IF SHOWN ON DRAWINGS.
- REFER TO WINDOW TREATMENTS AS SHOWN ON DRAWINGS.
- GLAZING SYSTEMS FRAME TYPE KEY:
 - F HOLLOW METAL
 - S ALUMINUM STOREFRONT
 - W ALUMINUM WINDOWS
 - X ALUMINUM SECURITY WINDOW
- 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.
- ALUMINUM WINDOW, STOREFRONT AND CURTAIN WALL FRAME EXTRUSIONS ARE INTENDED AS GENERIC GRAPHIC REPRESENTATIONS ONLY.



S.E.D. Control No. 62-18-01-06-0-003-014

Rev. No.: Date: Description:



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

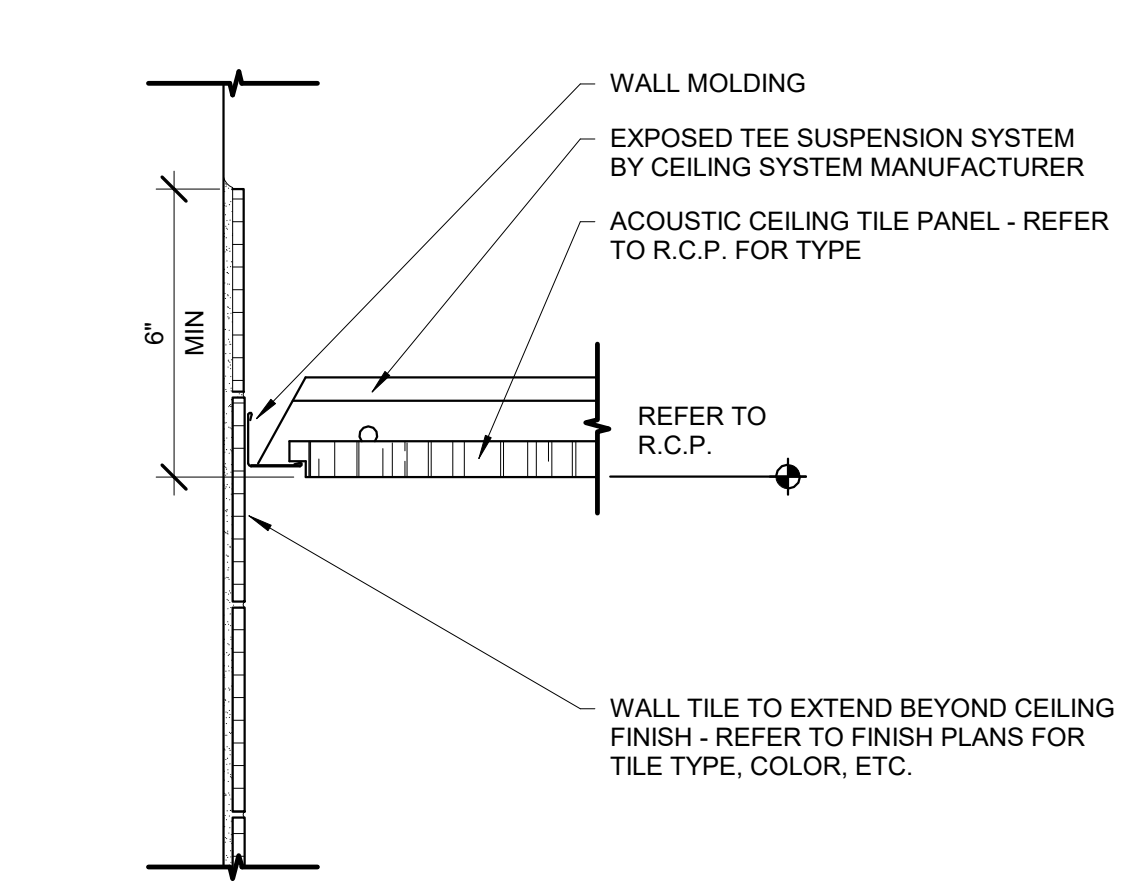


Walkkill Central School District
Walkill, New York

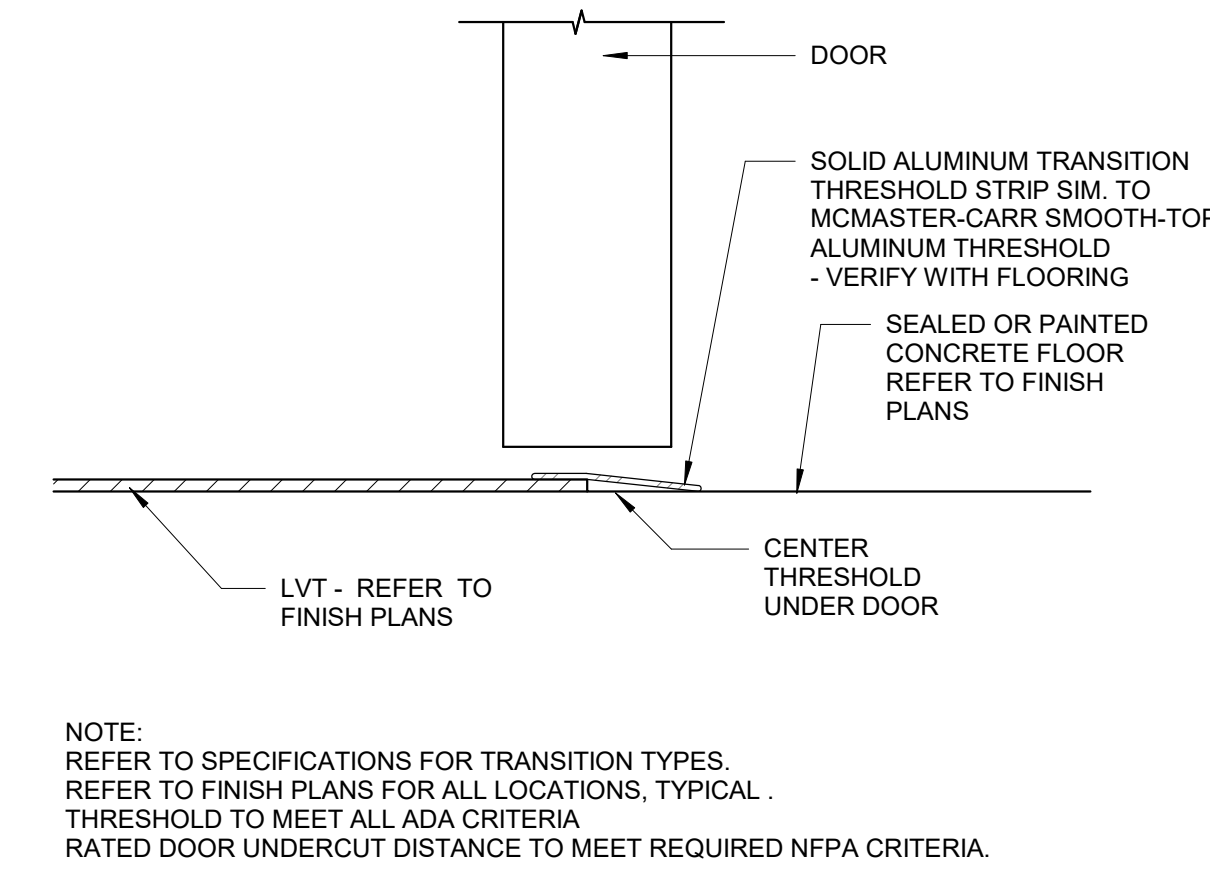
Reconstruction to:
Ostrander Elementary School

Door Schedule, Door and Window
Types, and Details

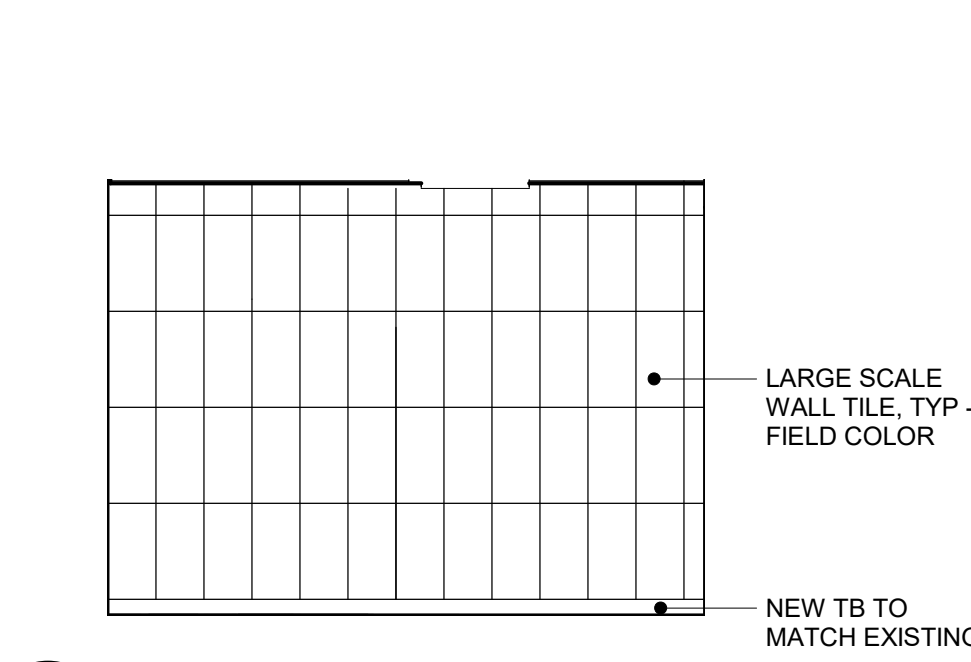
Drawn By: TTAE Date: 11/4/2022
Project No.: 17597-22001
Drawing Number: CA600



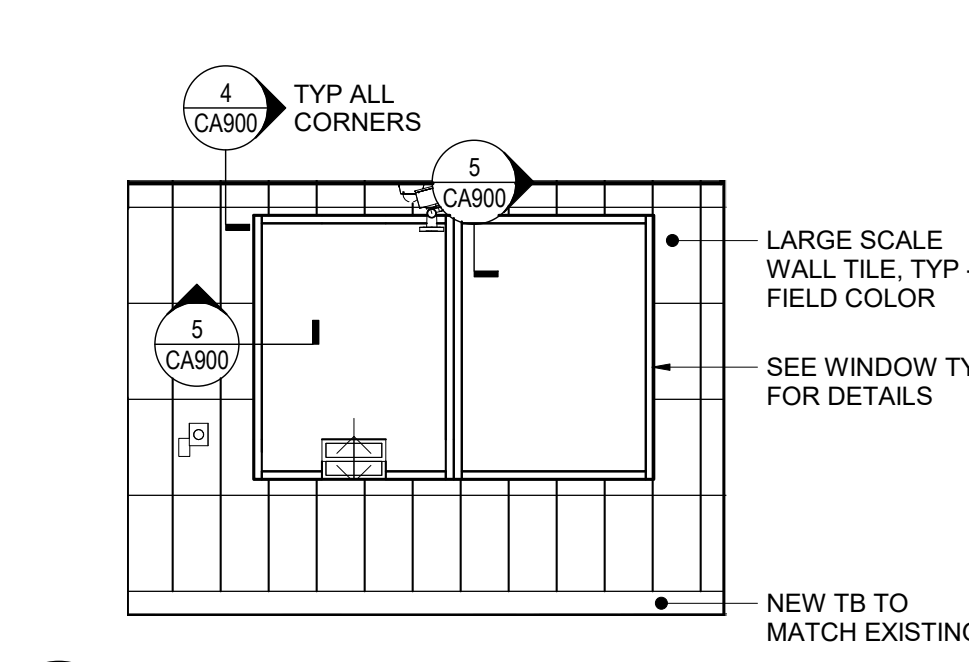
4 Ceramic Wall Tile at Acoustic Ceiling
3' x 1'-0"



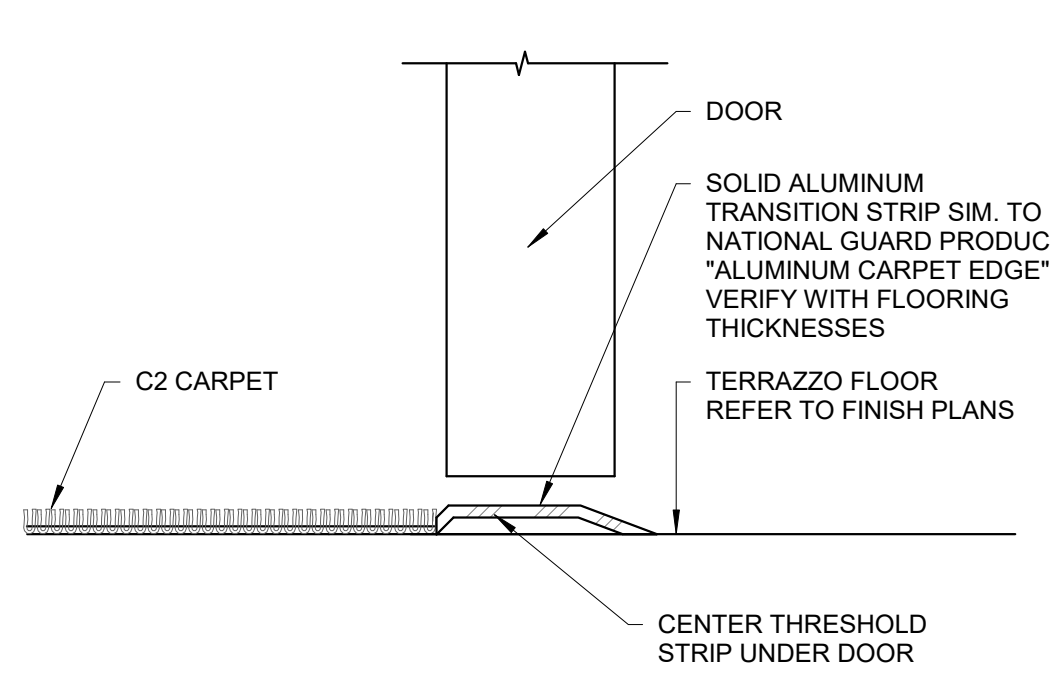
3 Aluminum Threshold LVT to Floor Finish
6" x 1'-0"



2 Vestibule V2 Security Office Wall
1/4" x 1'-0"

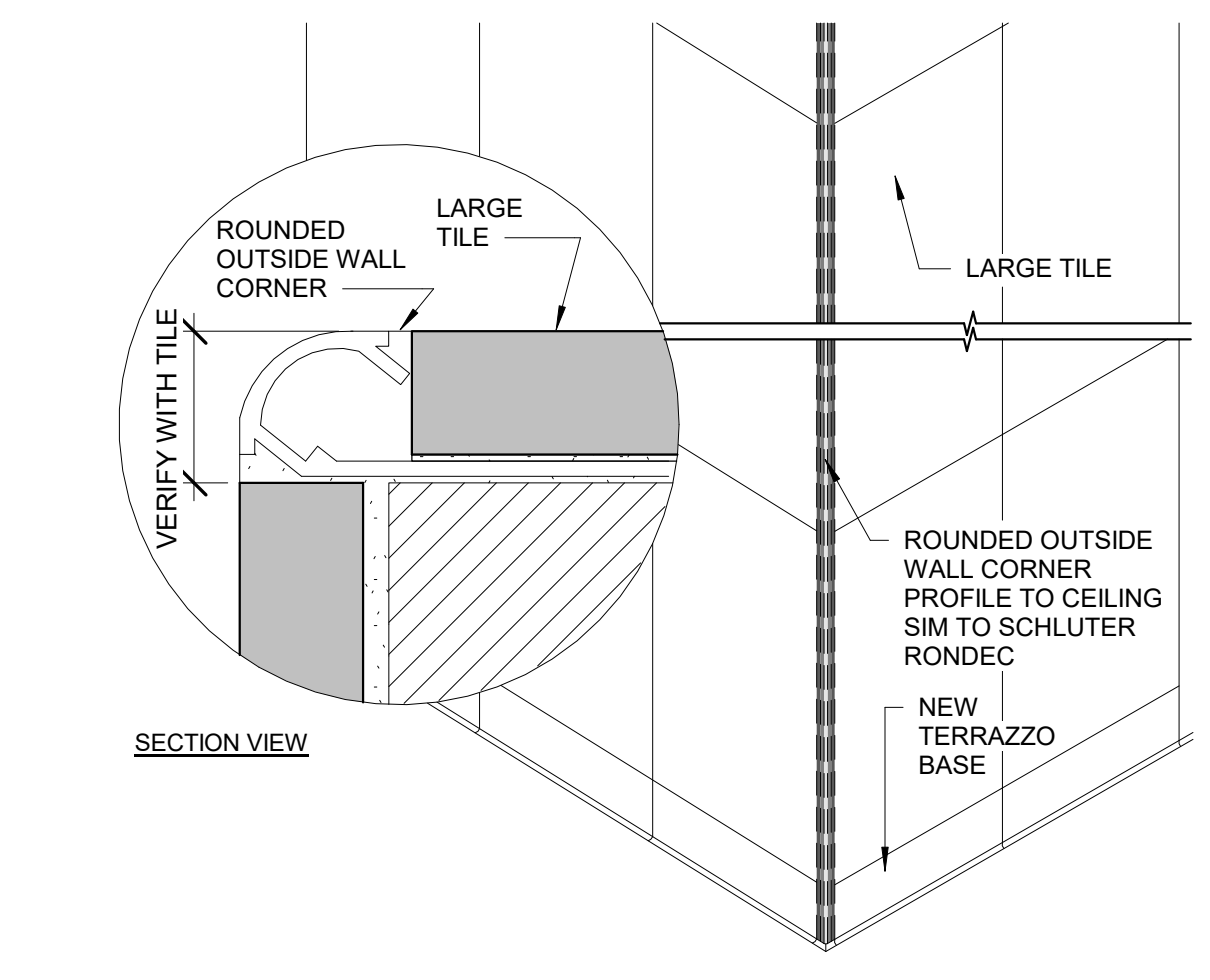


1 Vestibule V1 Security Office Wall
1/4" x 1'-0"

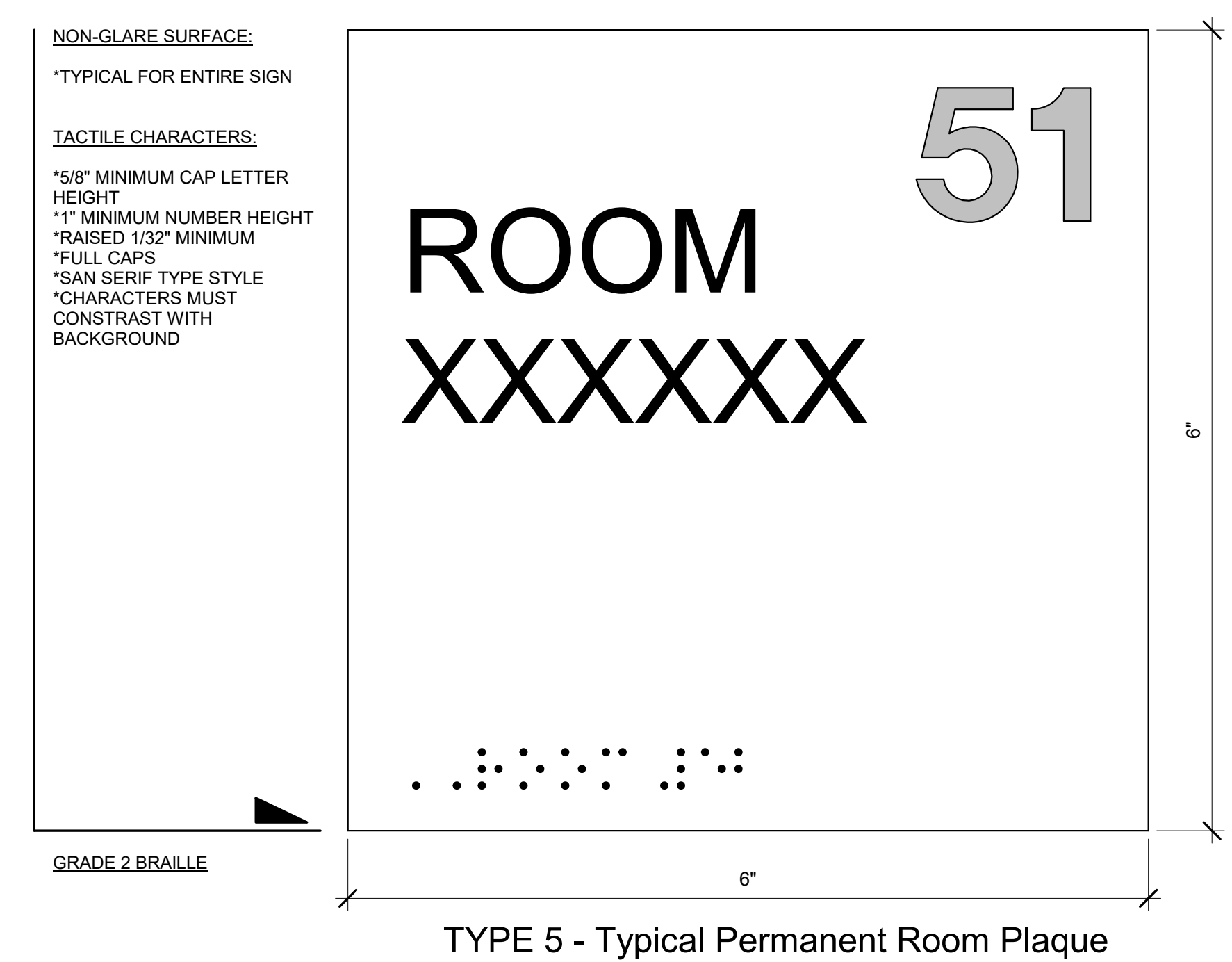


NOTE:
REFER TO SPECIFICATIONS FOR TRANSITION TYPES
REFER TO FINISH PLANS FOR ALL LOCATIONS, TYPICAL.
THRESHOLD TO MEET ALL ADA CRITERIA
RATED DOOR UNDERCUT DISTANCE TO MEET REQUIRED NFPA CRITERIA

7 Aluminum Threshold Detail
6" x 1'-0"



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




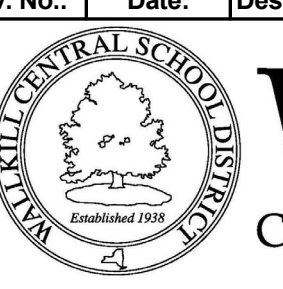
TYPE 5 - Typical Permanent Room Plaque

- ### 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, LADDERS, BEAMS, DOOR/FRAMES - BOTH SIDES
- GLAZING FRAMES IN DOOR/WALLS - BOTH SIDES, ALL EXPOSED STAIR PARTS INCLUDING RAILINGS, HAND AND GUARD RAILS, STRINGERS AND UNDERSIDES OF STAIRS, ALL ITEMS ARE TO BE ACCENT COLORS.
- D. PATTERNS FOR FLOORS AND WALLS ARE AS SHOWN ON DRAWINGS 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.
- PORCELAIN PAVERS
- QUARRY TILE
- TERRAZZO AND BASE
- CARPET
- VCT
- SHEET VINYL
- LINOLEUM
- RUBBER
- E. FIELD AND ACCENT PAINT AS SHOWN ON DRAWINGS 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 CLOUDS, ACCENT COLOR
- SOFFITS, ACCENT COLOR
- DOOR AND WINDOW FRAMES, ACCENT COLOR
- EXPOSED COLUMNS, ACCENT COLOR
- GUARDRAILS, ACCENT COLOR
- HANDRAILS, ACCENT COLOR
- EXPOSED DECKS, ACCENT COLOR
- EXPOSED JOISTS, ACCENT COLOR
- EXPOSED DUCTWORK, ACCENT COLOR
- F. PAINT MECHANICAL ROOM FLOOR CURBS CAUTION YELLOW.
- G. PROVIDE PAINT AT ALL NEW SOFFITS, REFER TO REFLECTIVE CEILING PLANS FOR ADDITIONAL LOCATIONS.
- H. ALL EXPOSED BRICK, GROUND FACE BLOCK IS TO REMAIN UNPAINTED, UNO.
- J. CONFIRM WITH OWNER AND ARCHITECT PRIOR TO PAINTING OVER MURALS ON EXISTING SURFACES.
- K. CERAMIC WALL TILE IS TO RUN FLOOR TO CEILING UNO.
- L. PROVIDE PAINT AND RUBBER BASE AT ALL NEW CHASES, REFER TO NEW WORK PLANS FOR ADDITIONAL LOCATIONS.
- M. REFER TO STRUCTURAL DRAWINGS FOR LOCATIONS OF SLAB DEPRESSIONS. REFER TO FINISH MATERIAL SPECIFICATION SECTIONS FOR SLAB DEPRESSION DEPTH REQUIREMENTS.
- N. REFER TO STRUCTURAL DRAWINGS FOR LOCATIONS OF SLAB DEPRESSIONS. REFER TO FINISH MATERIAL SPECIFICATION SECTIONS FOR SLAB DEPRESSION DEPTH REQUIREMENTS.
- P. CARPET IS TO RUN WALL TO WALL, UNDER ALL FURNITURE, MOVABLE EQUIPMENT AND LIBRARY SHELVING UNITS, INCLUDING ALL UNITS AT THE PERIMETER WALLS.
- Q. 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.
- R. FIELD VERIFY ALL CONTROL JOINTS LOCATIONS IN CONCRETE SLAB. LOCATE CONTROL JOINTS IN EXISTING 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.
- S. PROVIDE ALL FINISHES AS INDICATED BY ROOM FINISH BOX AND/OR AS NOTED ON DRAWINGS.

- ### 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 REQUIRED BY CODE AND SIGNAGE DRAWING.
- G. REFER TO SPECIFICATIONS SECTION 10 14 00 FOR MORE INFORMATION.

S.E.D. Control No. 62-18-01-06-0-003-014

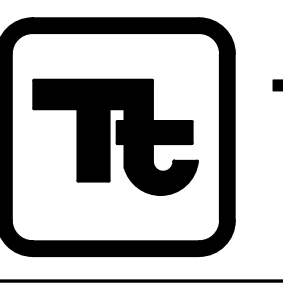
Rev. No.	Date	Description



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**TETRA TECH**
ARCHITECTS & ENGINEERS

Wallkill Central School District
Wallkill, New York

Reconstruction to:
Ostrander Elementary School

Interior Elevations, Details and Signage

Drawn By:
TTAE

Date:
11/4/2022

Drawing Number:

Project No.:
17597-22001

CA900

10 Typ Auxiliary Joist Web Member & Hanger

11 Typ Existing Bridging Detail

12 Beam Reinforcement

13 Typ Top of Wall Wind Clip

14 Screen Wall Post Attachment

1. FOR 4" THICK WALLS

2. FOR 6" THICK WALLS

3. FOR 8", 12", AND 16" THICK WALLS

Lintel Schedule

4 Typ Beam Bearing Detail at Exg

5 Typ Chemical Anchors

6 Typ Roof Frame at Exg for New RTUs

7 Typ Roof Frame for New Opng at Exg

8 Typ Roof Frame For New Opng at Exg

9 Connection at Exg Beam

4 Typ Beam Bearing Detail at Exg

5 Typ Chemical Anchors

2 Partial Roof Framing Plan- Area A

3 Partial Roof Framing Plan - Area B

15 Typical CFMF Header Detail

16 Typ CFMF Brace Detail

2 Partial Roof Framing Plan- Area A

3 Partial Roof Framing Plan - Area B

COMPONENTS & CLADDING WIND PRESSURE (PSF)

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 "1" 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.

15 Typical CFMF Header Detail

16 Typ CFMF Brace Detail

1 Partial Roof Framing Plan - Area 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

Structural Loads:

A. ROOF LIVE LOADS PER BCNYS 1607.13

B. RAIN LOADS PER BCNYS 1611

C. SNOW LOADS PER BCNYS 1608

D. WIND LOAD DESIGN CRITERIA PER BCNYS 1609

E. SEISMIC DESIGN CRITERIA PER BCNYS 1613

F. SPECIAL LOADS PER BCNYS 1603.1.8

Key Plan

S.E.D. Control No. 62-18-01-06-0-003-014

Rev. No.: Date: Description:

WALLKILL CENTRAL SCHOOL DISTRICT

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

TETRA TECH ARCHITECTS & ENGINEERS

Walkill Central School District Walkill, New York

Reconstruction to: Ostrander Elementary School

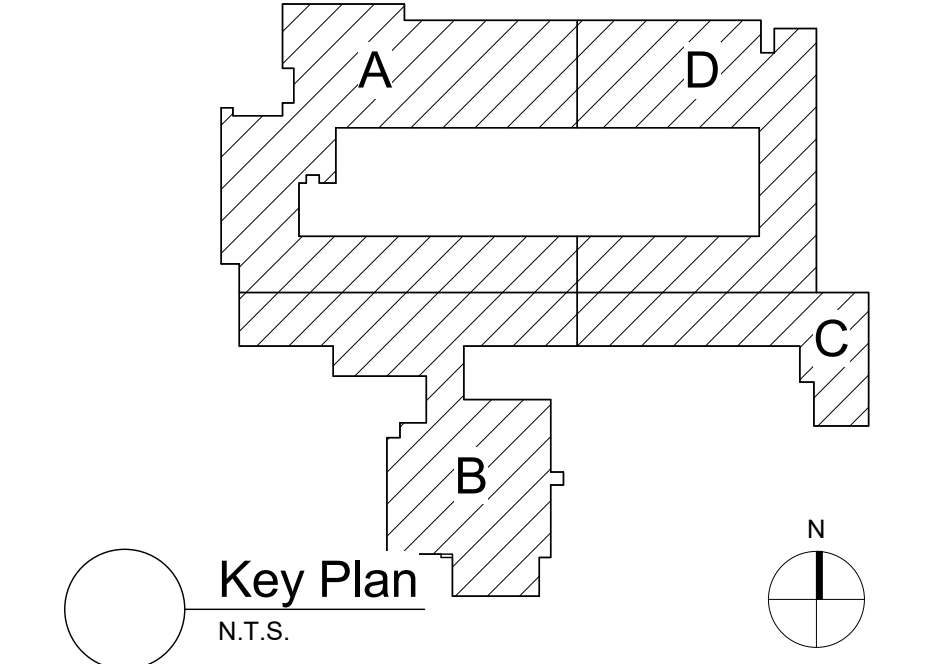
Partial Roof Framing Plan - Areas A, B Notes, Schedules, and Details

Drawn By: NDC/vmm Date: 11/4/2022 Drawing Number: CS130



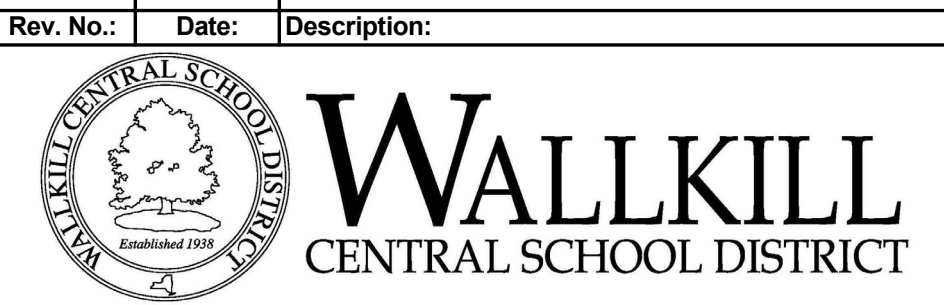
1 First Floor Key Plan
1/16" = 1'-0"

- General Notes**
- A. THE FOLLOWING GENERAL NOTES APPLY TO ALL "CM" 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.
 - R. SEAL ALL FLOOR, WALL AND CEILING PENETRATIONS PER FIRE-RESISTANCE RATINGS, NOTED ON CG-SERIES 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. 62-18-01-06-0-003-014

Rev. No.	Date	Description



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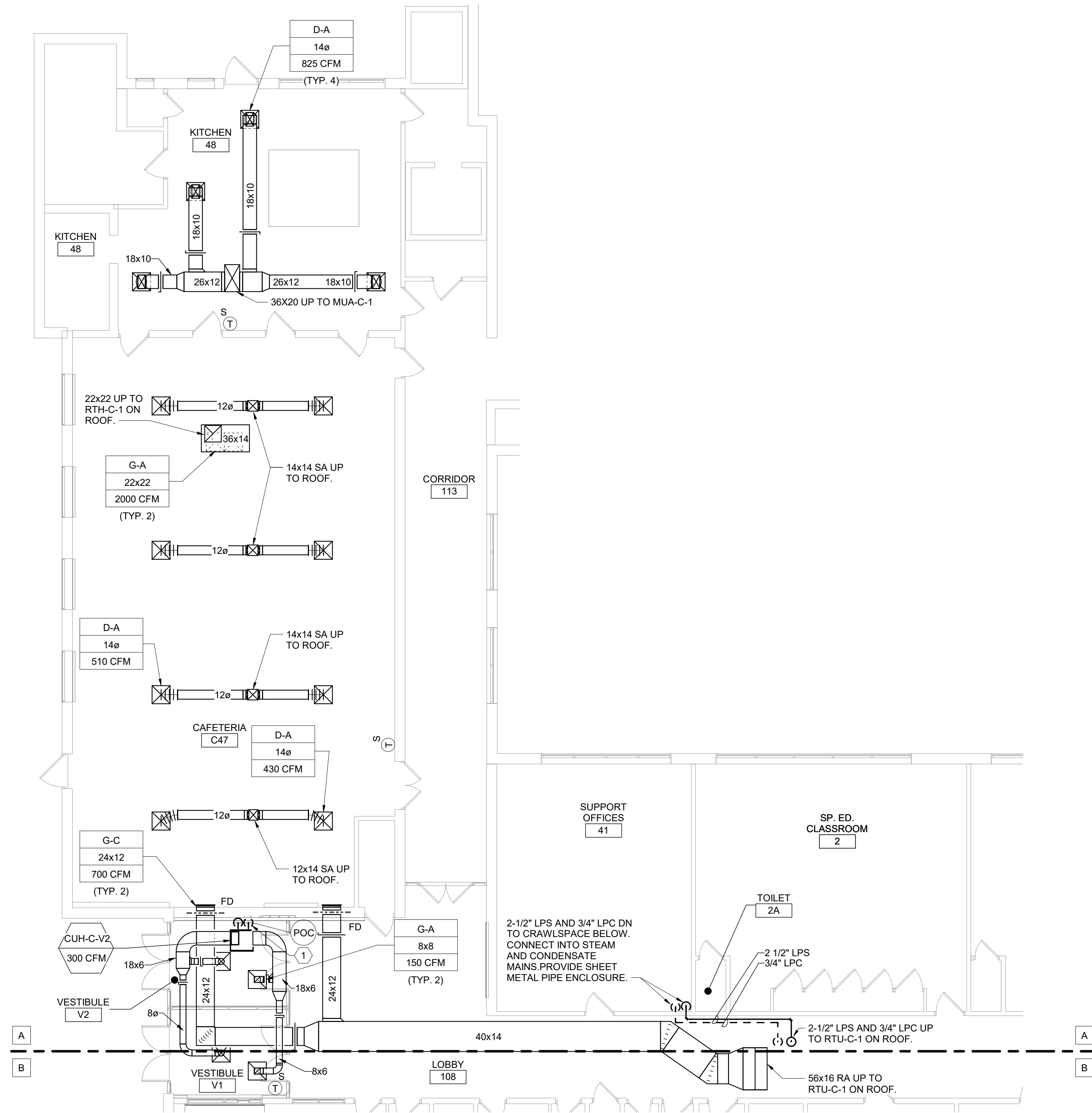


Wallkill Central School District
Wallkill, New York

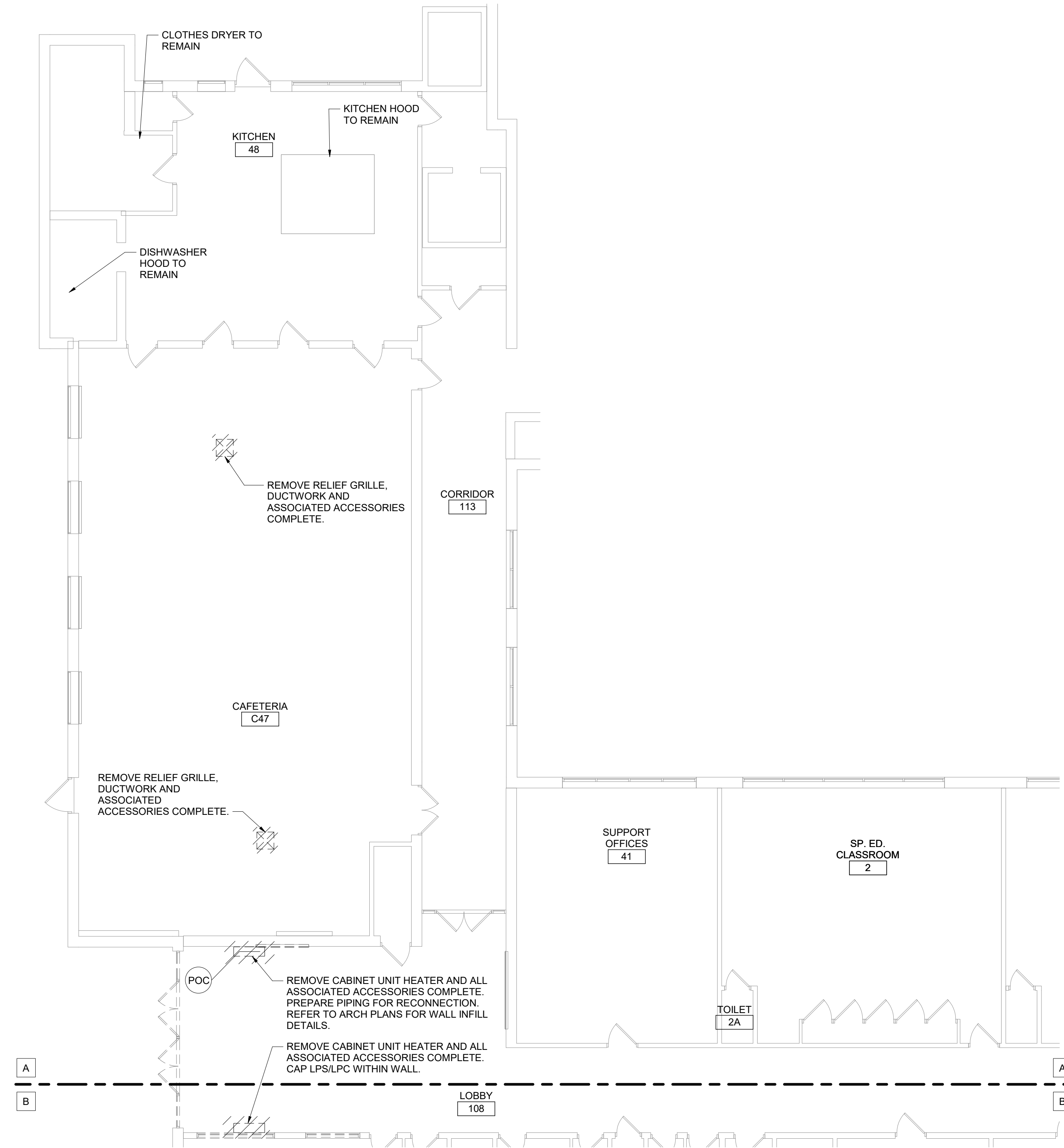
Reconstruction to:
Ostrander Elementary School

First Floor Key Plan

Drawn By: JPF1/pgm	Date: 11/4/2022	Drawing Number: CM051
Project No.: 17597-22001		



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



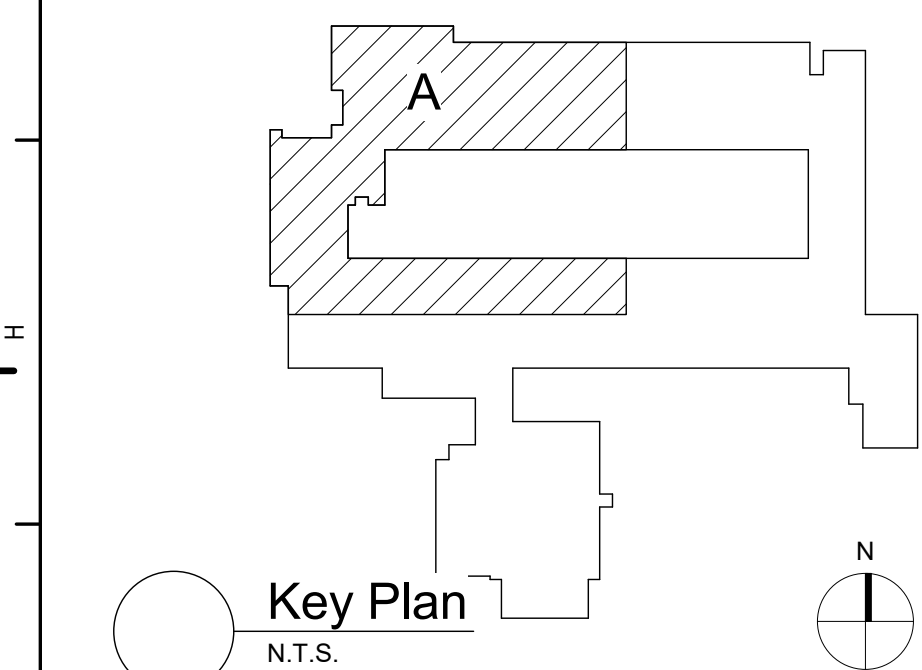
1 Partial First Floor Demolition Plan - Area A
1/8" = 1'-0"

General Notes

A. REFER TO CM051 FOR GENERAL NOTES.

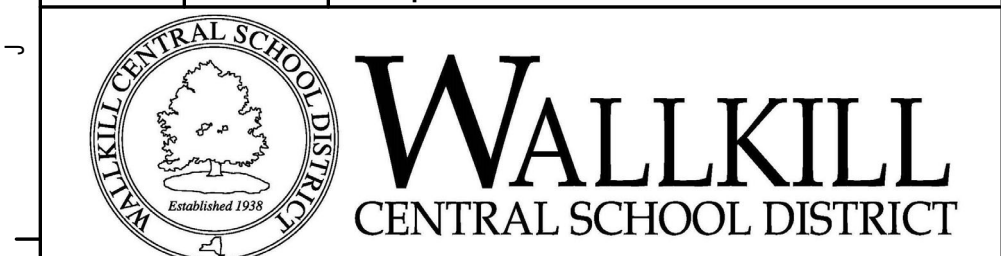
KEYED NOTES

- CONNECT TO EXISTING 3/4" LPS/LPC AND EXTEND 3/4" LPS/LPC WITHIN WALL UP INTO CEILING SPACE. MOUNT CUH TO ALLOW EASY FILTER ACCESS.



S.E.D. Control No. 62-18-01-06-0-003-014

Rev. No.: 2 Date: 12/12/2022 SED ADD. NO. 1



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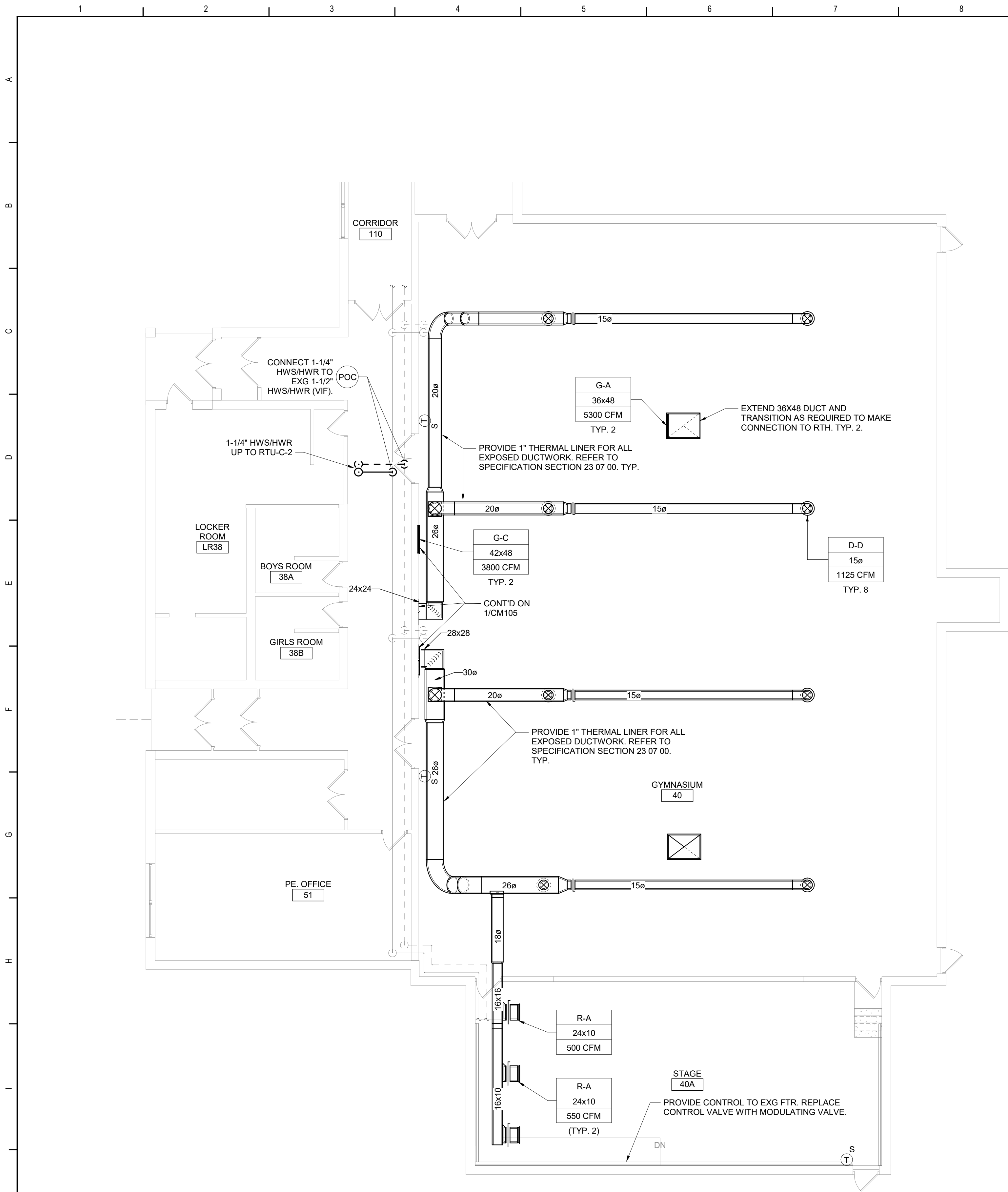


Wallkill Central School District
Wallkill, New York

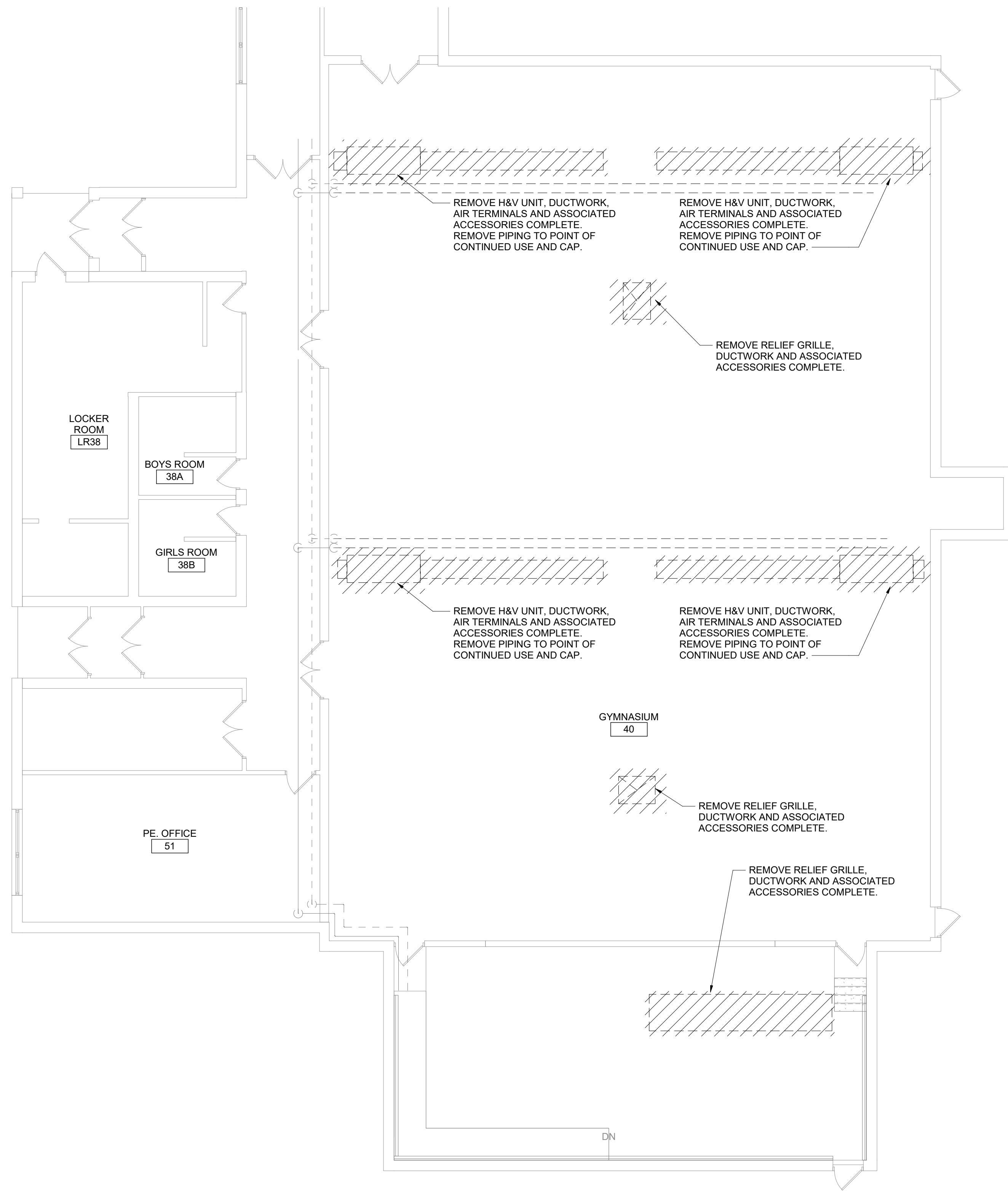
Reconstruction to:
Ostrander Elementary School

Partial First Floor Plans - Area A

Drawn By: JPF/1/pgm Date: 11/4/2022 Drawing Number: CM101
Project No.: 17597-22001



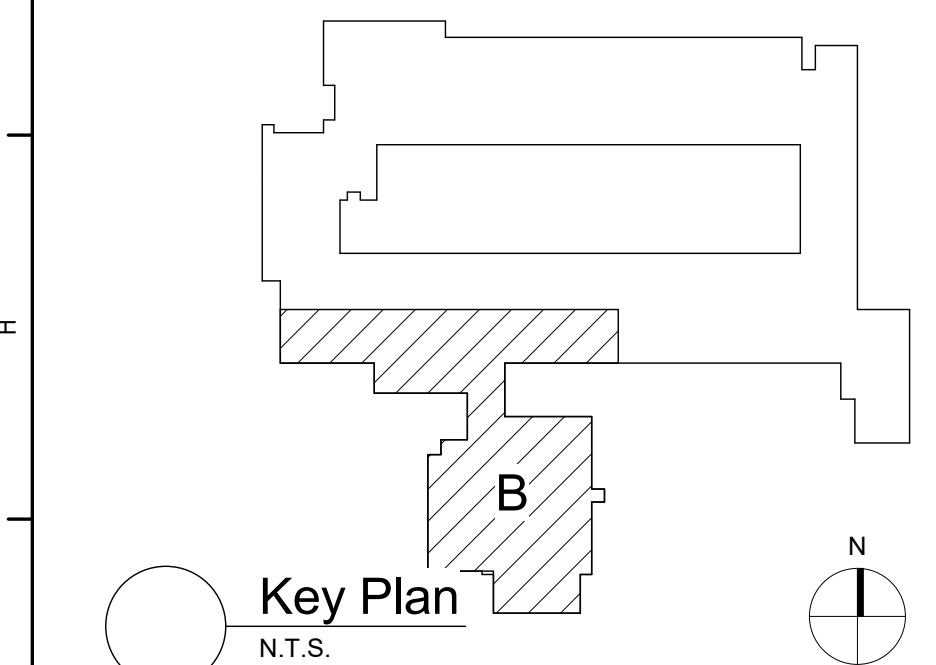
2 Partial First Floor Plan - Area B
1/8" = 1'-0"



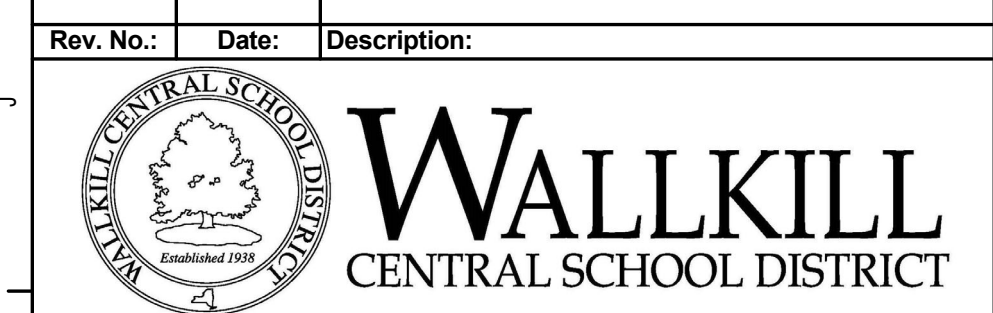
1 Partial First Floor Demolition Plan - Area B
1/8" = 1'-0"

General Notes

A. REFER TO CM051 FOR GENERAL NOTES.



S.E.D. Control No. 62-18-01-06-0-003-014



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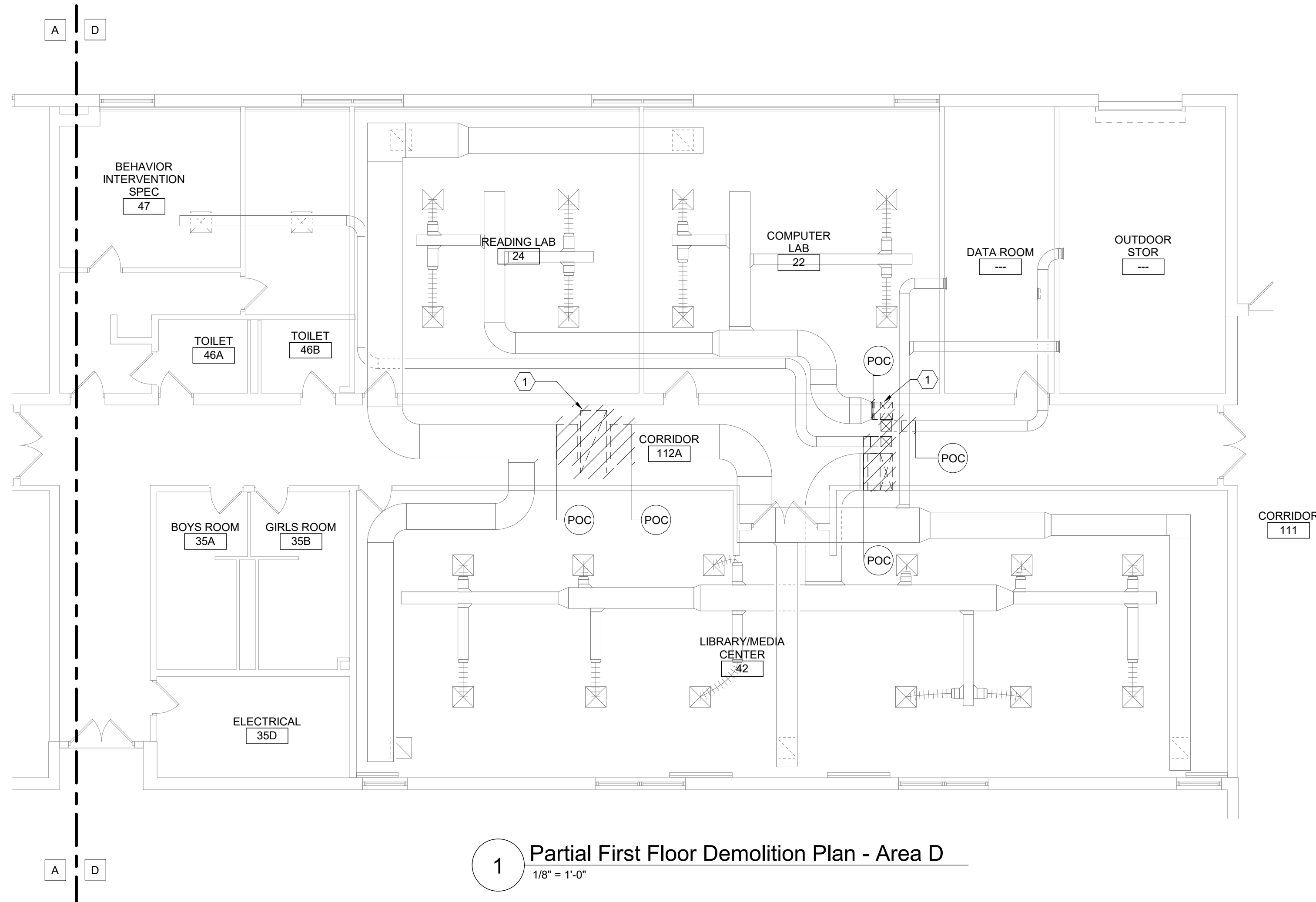


Wallkill Central School District
Wallkill, New York

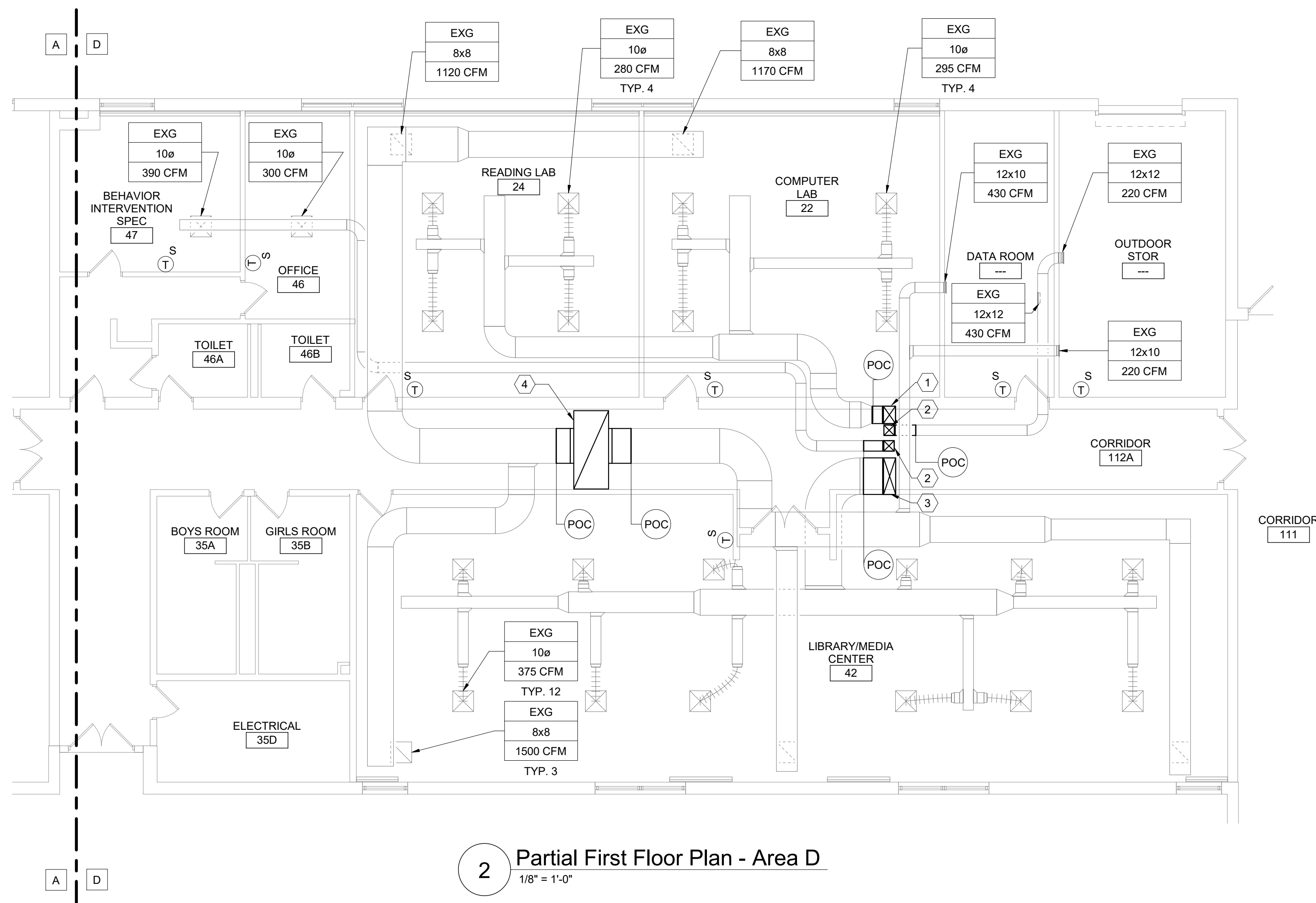
Reconstruction to:
Ostrander Elementary School

Partial First Floor Plans - Area B

Drawn By: JPF/1/pgm	Date: 11/4/2022	Drawing Number:
Project No.: 17597-22001	CM102	



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



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

General Notes

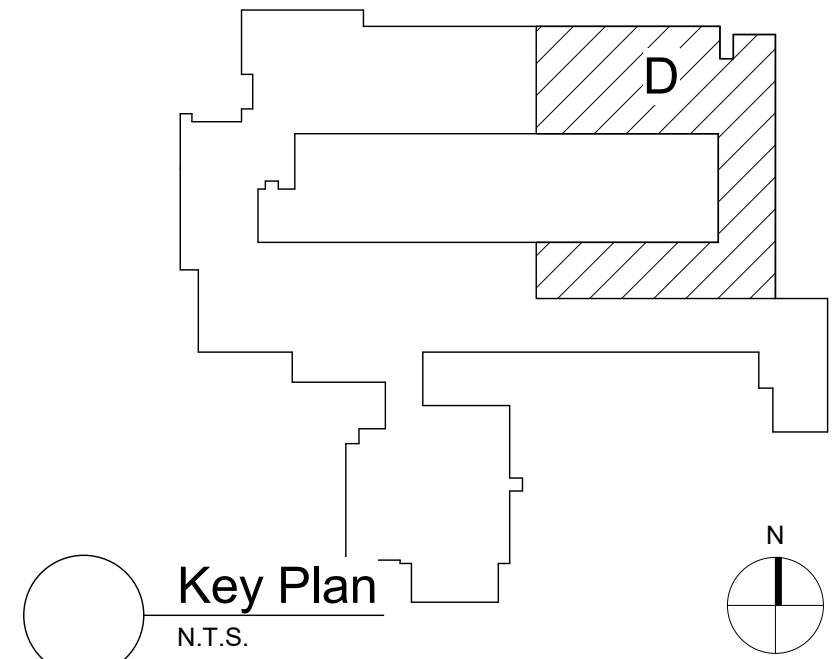
A. REFER TO CM051 FOR GENERAL NOTES.

KEYED DEMOLITION NOTES

1 REMOVE DUCTWORK AND ASSOCIATED ACCESSORIES TO POC AS SHOWN. PREPARE FOR RECONNECTION.

KEYED NOTES

- 20x14 UP TO RTU-C-3. TRANSITION AS REQUIRED TO MAKE CONNECTION TO UNIT.
- 12x12 UP TO RTU-C-3. TRANSITION AS REQUIRED TO MAKE CONNECTION TO UNIT.
- 42x14 UP TO RTU-C-3. TRANSITION AS REQUIRED TO MAKE CONNECTION TO UNIT.
- 40x90 UP TO RTU-C-3. TRANSITION AS REQUIRED TO MAKE CONNECTION TO UNIT.



S.E.D. Control No. 62-18-01-06-0-003-014

Rev. No.: Date: Description:



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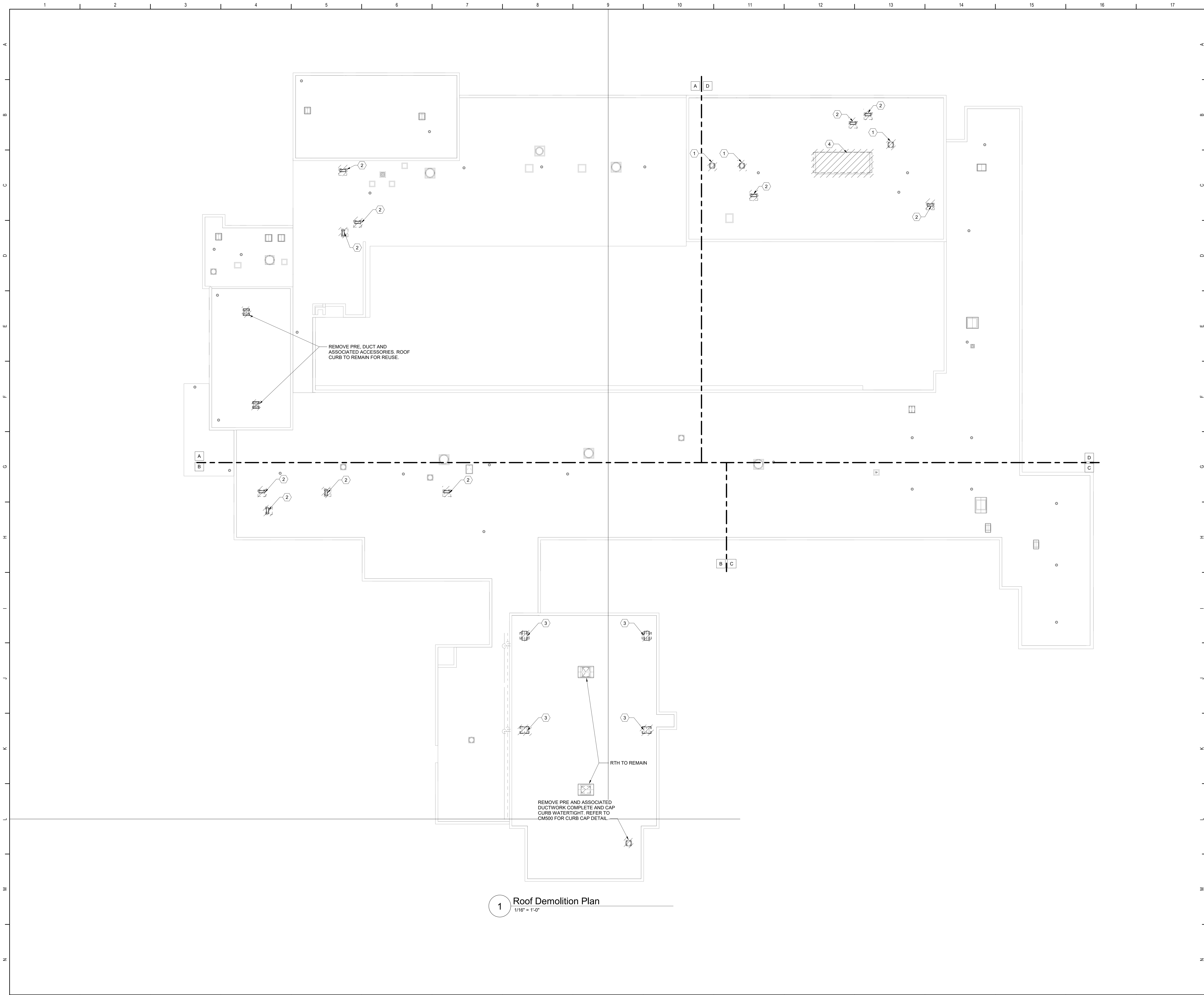


Walkkill Central School District
Walkkill, New York

Reconstruction to:
Ostrander Elementary School

Partial First Floor Plans - Area D

Drawn By: JPF1/pgm Date: 11/4/2022 Drawing Number: 17597-22001
Project No.: CM103



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

General Notes

A. REFER TO CM051 FOR GENERAL NOTES.

KEYED NOTES

1

TEMPORARILY REMOVE EXHAUST FAN AND ASSOCIATED ACCESSORIES AND STORE FOR REUSE. REMOVE ROOF CURB COMPLETE. PROVIDE TEMPORARY, WATERTIGHT PROTECTION AS REQUIRED UNTIL COMPLETION OF ROOFING WORK.

2

TEMPORARILY REMOVE CONDENSING UNIT AND STORE FOR REUSE. EVACUATE ALL REFRIGERANT PRIOR TO REMOVAL. DISCONNECT AND REMOVE REFRIGERANT TUBING AS REQUIRED UNTIL COMPLETION OF ROOFING WORK.

3

REMOVE RTH AND ASSOCIATED ACCESSORIES COMPLETE AND CAP CURB WATERTIGHT. REFER TO CM500 FOR CURB CAP DETAIL.

4

REMOVE RTU, PIPING, DUCTWORK WITHIN UNIT AND CURB COMPLETE. PREPARE FOR RECONNECTION.

A

D

B

C

Key Plan

N.T.S.

N

S.E.D. Control No. 62-18-01-06-0-003-014

Rev. No.:

Date:

Description:

WALK KILL CENTRAL SCHOOL DISTRICT

Established 1924

WALLKILL

CENTRAL SCHOOL DISTRICT

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

TT

TETRA TECH

ARCHITECTS & ENGINEERS

Walkkill Central School District

Walkkill, New York

Reconstruction to:

Ostrander Elementary School

Roof Demolition Plan

Drawn By:

JPF1/pgm

Date:

11/4/2022

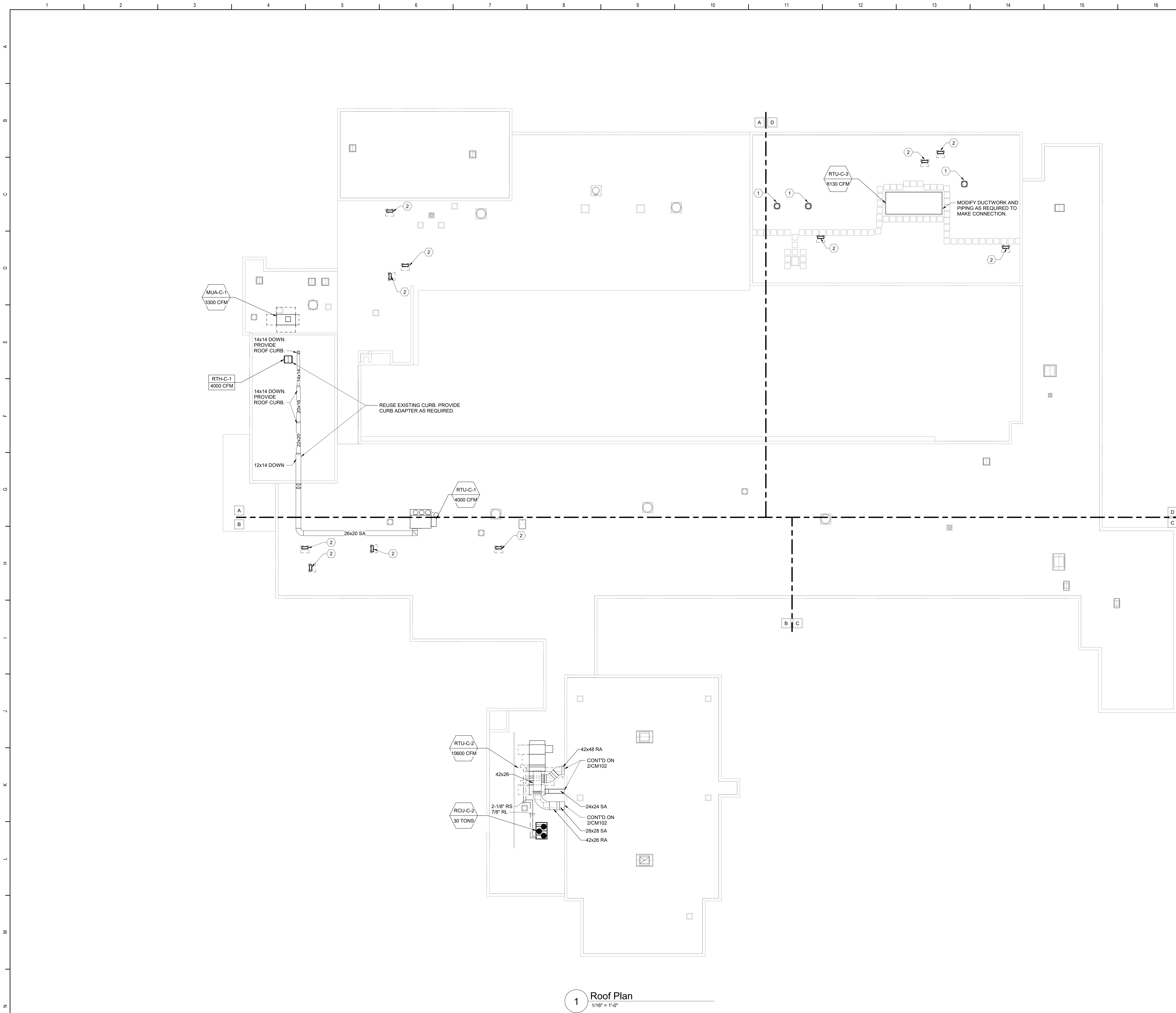
Project No.:

17597-22001

Drawing Number:

CM104

BID SET



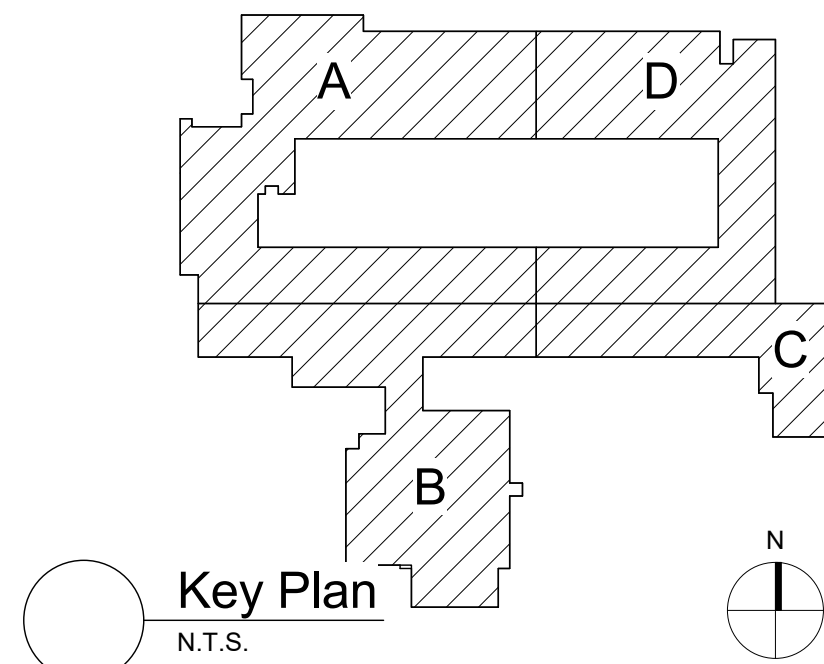
1 Roof Plan
1/16" = 1'-0"

General Notes

A. REFER TO CM051 FOR GENERAL NOTES.

KEYED NOTES

- ① FURNISH 12" HIGH INSULATED ROOF CURB FOR INSTALLATION BY OTHERS. CURB WIDTH AND LENGTH DIMENSION SHALL MATCH DIMENSIONS OF REMOVED EQUIPMENT. REINSTALL EXHAUST FAN ON CURB. COORDINATE WITH ROOFING WORK.
- ② PROVIDE NON-PENETRATING ROOF STRUT SUPPORT SYSTEM FOR RCU INSTALLATION. REINSTALL CONDENSING UNIT ON SUPPORT SYSTEM (REFER TO RCU MOUNTING DETAIL) AND EXTEND REFRIGERANT TUBING AND POWER WIRING TO UNIT. MATCH REFRIGERANT TUBING SIZES AND FULLY CHARGE UNIT WITH NEW REFRIGERANT. INSULATE REFRIGERANT TUBING. COORDINATE WITH ROOFING WORK.



S.E.D. Control No. 62-18-01-06-0-003-014

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Wallkill Central School District
Wallkill, New York

Reconstruction to:
Ostrander Elementary School

Roof Plan

Drawn By:
JPF1/pgm

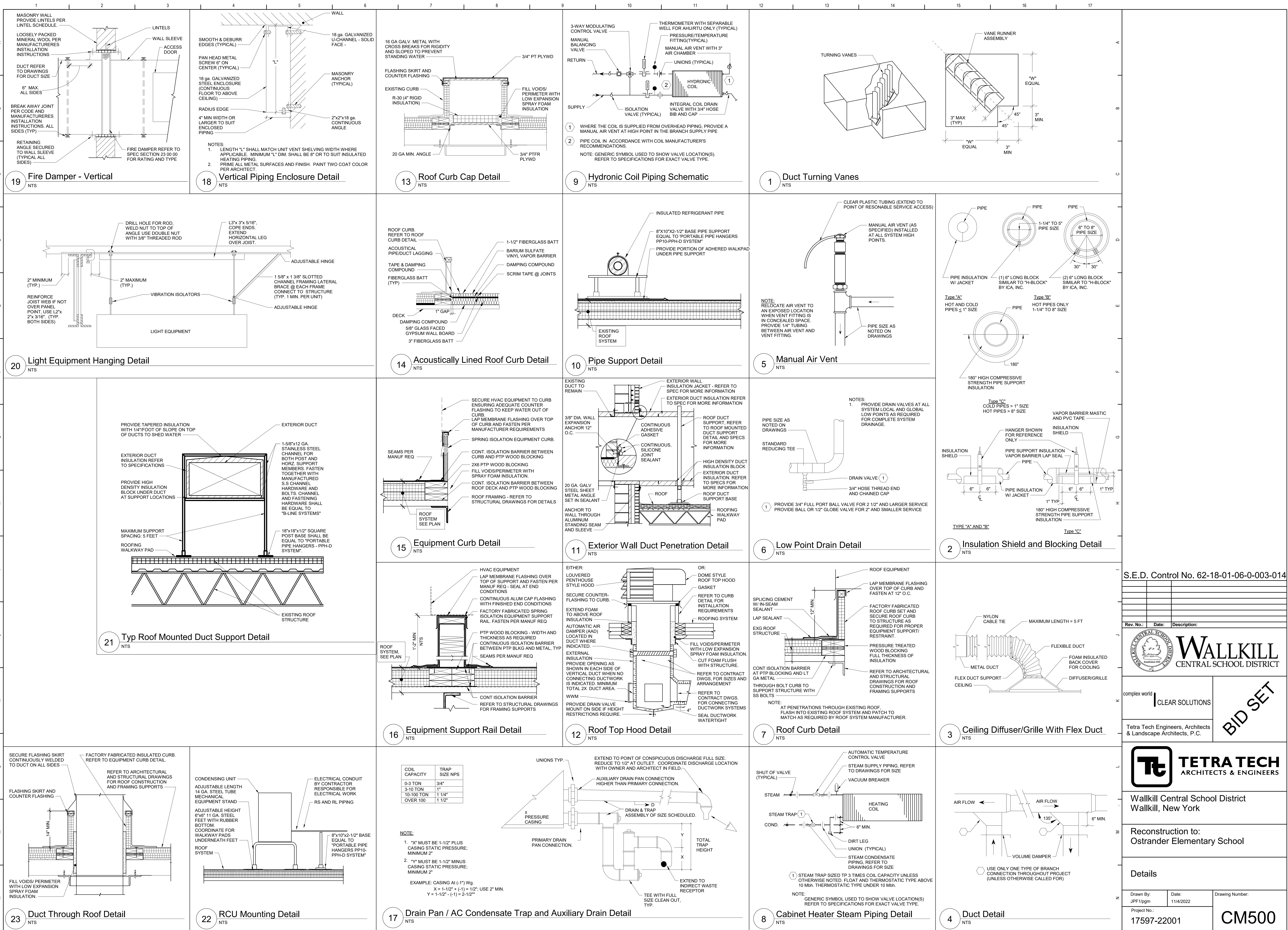
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11/4/2022

Drawing Number:

Project No.:
17597-22001

CM105

BID SET



S.E.D. Control No. 62-18-01-06-0-003-014

Rev. No.: Date: Description:



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BID SET



Walkill Central School District
Walkill, New York

Reconstruction to:
Ostrander Elementary School

Details

Drawn By: JPF/igpm Date: 11/4/2022 Drawing Number:

Project No.: 17597-22001

CM500

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17																																																																																																																																																																																																																																																																																																																																																																			
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REMOTE CONDENSING UNIT (RCU) SCHEDULE													EQUIPMENT FURNISHED BY OWNER, INSTALLED BY MECHANICAL CONTRACTOR					
DWG LABEL	LOCATION	SERVES	DESIGN MAKE	TRANE	NOMINAL CAPACITY	COOLING CAPACITY	R410A TEMPERATURES		AMBIENT TEMPERATURE	EER	NO. OF COMP/CAPACITY	NO. OF CIRCUITS	ELECTRICAL DATA 208V/3PH					
							LIQUID	SUCTION					MCA	MOP	RLA - COMP. 1	NO. COMP.	OPER. WEIGHT	NOTES
RCU-C-2	ROOF	RTU-C-2	RAUJ		30 TONS	393.76	126.4 °F	44.1 °F	95.0	11.4	(2) 15 TON	2	141 A	175 A	57 A	2	1940 lb	1-4
NOTES:																		
1. FIELD CHARGE REFRIGERANT FOR SUPPLY LINE, CONDENSER AND COILS.							3. VERIFY LINE SIZES WITH MANUFACTURER.											
2. PROVIDE EQUIPMENT STARTER AND NEMA 3R DISCONNECT.							4. PROVIDE 14" SPRING ISOLATION SUPPORT RAILS.											

ROOFTOP HOOD (RTH) SCHEDULE													
DWG LABEL	SERVES	MODEL NO.	TYPE	CFM	VENT SIZE (IN x IN)	HOOD SIZE (IN x IN)	HOOD HEIGHT (IN)	CURB HEIGHT (IN)	FREE AREA (S.F.)	VELOCITY (FPM)	SP (IN WG)	HOOD FINISH	NOTES
RTH-C-1	CAFETERIA C47	22x22GR	RELIEF	4000	22x22	43x39	16.50	10	3.36	1190	0.17	KYNAR	1-3
NOTES: 1. DESIGN BASIS: LOREN COOK 2. REUSE EXISTING CURB. 3. PROVIDE MOTORIZED AUTOMATIC AIR DAMPER (AAD) AND ACTUATOR BELOW ROOF STRUCTURE.													

PACKAGED ROOFTOP UNIT (RTU) SCHEDULE																									EQUIPMENT FURNISHED BY OWNER, INSTALLED BY MECHANICAL CONTRACTOR				
DWG LABEL	LOCATION	SERVES	DESIGN MAKE: VALENT	SUPPLY FAN					HEATING DATA					COOLING DATA					ELECTRICAL DATA					OPER. WEIGHT (LB)	NOTES				
				SUPPLY (CFM)	MIN. OA (CFM)	ESP (IN-WG)	BHP	HP	EAT (°F)	LAT (°F)	PRESSURE	CAP. (MBH)	EDB (°F)	EWB (°F)	LDB (°F)	LWB (°F)	TC (MBH)	HOT GAS REHEAT (°F)	COMPRESSOR	EER	VOLT	PH	MCA			MOP			
RTU-C-1	ROOF - AREA C	CAFETERIA C47	VX-Z12-151-2-A0	4000	2600	0.5	1.5	3.0	28.4	86.0	3.0 psi	249.3	83.5	70.1	55.1	54.8	199.0	125.0	77.7 °F	INVERTER SCROLL	11.2	208 V	3	65 A	80 A	3335	1-7		
NOTES: 1. GASKETED ACCESS DOORS AND MODULAR SECTIONS WITH DOUBLE WALLED 2" R-13 GALVANIZED STEEL PANELS WITH THERMAL BREAK. 2. COILS SHALL HAVE SAME SIDE CONNECTION UNLESS OTHERWISE INDICATED. PROVIDE FULL SECTION HEIGHT 24" DEEP PIPE CABINET. 3. PROVIDE SINGLE POINT CONNECTION AND NEMA-3R H-O-A NON-FUSED DISCONNECT SWITCH. 4. PROVIDE 2" MERV6 PRE-FILTER AND MERV13 FINAL FILTERS BEFORE COILS. 5. PROVIDE 30" PLENUM ROOF CURB. PROVIDE ACOUSTICALLY LINED ROOF CURB PER DETAIL. 6. PROVIDE 120V/1PH (FLA=8A) GFI SERVICE OUTLET FOR SEPARATE POWER. 7. PROVIDE 22" ELECTRICAL/CONTROLS SECTION FOR SUPPLY FAN VFD.																													

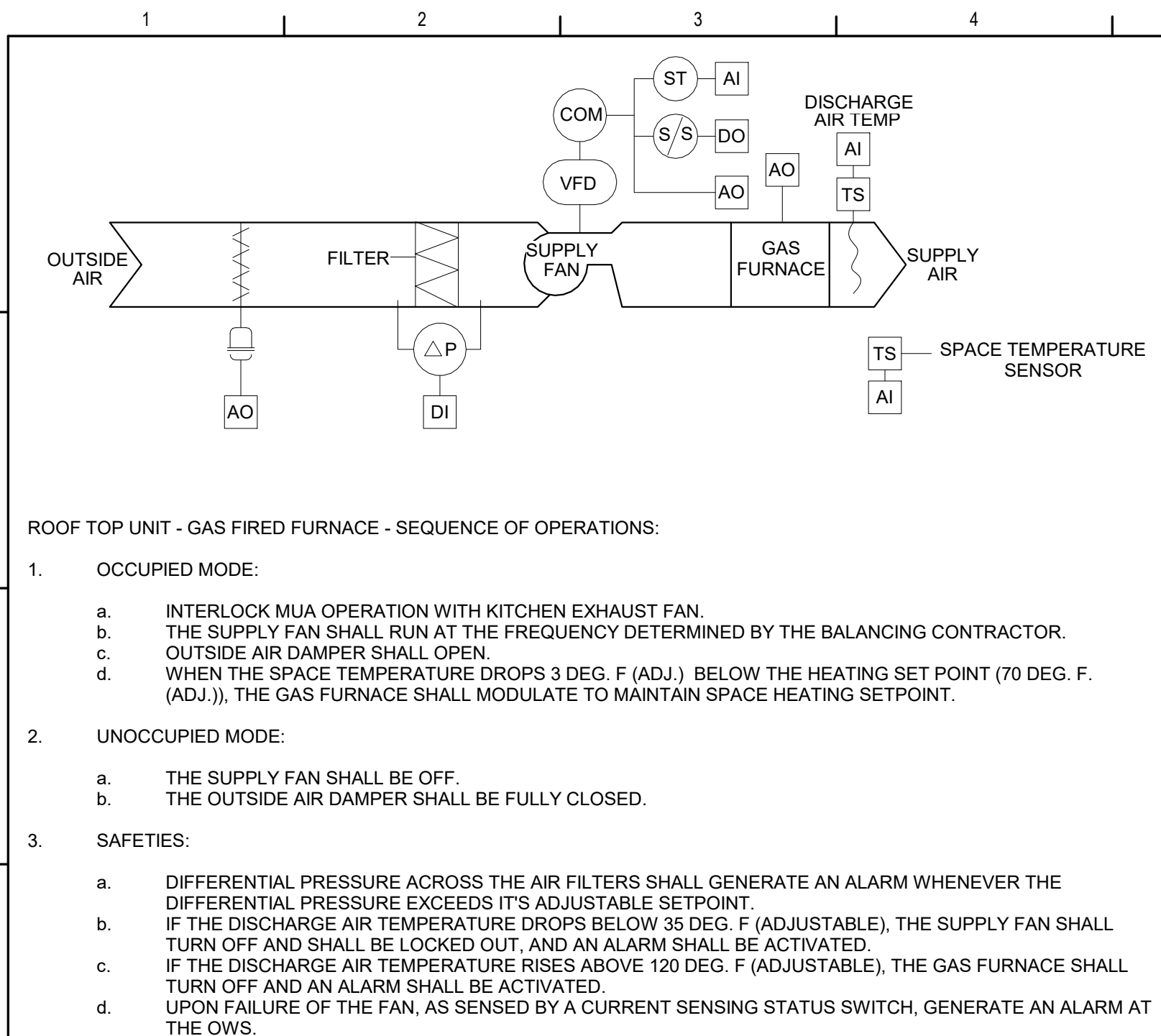
MULTIZONE ROOFTOP UNIT (RTU) SCHEDULE																																EQUIPMENT FURNISHED BY OWNER, INSTALLED BY MECHANICAL CONTRACTOR										
DWG LABEL	UNIT LOCATION	SERVES	DESIGN MAKE:	SUPPLY FAN								RETURN FAN								ELECTRICAL DATA				WEIGHT (LBS)	OA ENERGY RECOVERY DATA WINTER				RA ENERGY RECOVERY DATA WINTER				ENERGY RECOVERY EFFICIENCY WINTER	HEATING DATA				HOT WATER COIL				NOTES
				FAN ARR.	SA (CFM)	MIN. OA (CFM)	DISCH. ARR.	ESP (IN WG)	RPM	BHP	HP	FAN ARR.	RA (CFM)	ESP (IN WC)	RPM	BHP	HP	V/PH	MCA	MOP	OA (CFM)	EDB (°F)	EWB (°F)		LDB (°F)	LWB (°F)	RA (CFM)	EDB (°F)	EWB (°F)	LDB (°F)	LWB (°F)	NO. ROWS		EAT (°F)	LAT (°F)	MBH	APD (IN WG)	EWT (°F)	LWT (°F)	GPM	WPD (FT HD)	
RTU-C-3	ROOF - AREA C	1974 ADDITION	SEASONS 4	24" AF SWSI PLENUM	8130	2480	MULTI-ZONE	0.75	1803	7.6	10.0	22" AF SWSI PLENUM	8130	0.75	1780	5.0	7.5	208/3	66	90	7300	2480	7.0	3.0	41.1	33.2	2480	68.0	51.5	33.9	29.0	54.4	2	47.8	84.1	318.5	0.32	160.0	95.0	10	3.3	ALL
NOTES: 1. GASKETED ACCESS DOORS AND MODULAR SECTIONS WITH DOUBLE WALLED 2" R-13 GALVANIZED STEEL PANELS WITH THERMAL BREAK. 2. PROVIDE ELECTRICAL/CONTROLS SECTION FOR UNIT DISCONNECT SWITCH, WHEEL H-O-A SWITCH, CONTROLS AND SUPPLY AND RETURN FAN VFD. 3. PROVIDE 2" MERV9 PRE-FILTER PRIOR TO ENERGY WHEEL (BOTH DIRECTIONS) AND MERV14 FILTERS BEFORE SUPPLY FAN. ALL FILTER FACE VELOCITIES <300 FPM. 4. COILS SHALL HAVE SAME SIDE CONNECTION UNLESS OTHERWISE INDICATED. 5. PROVIDE SINGLE POINT CONNECTION AND NEMA4 DISCONNECT SWITCH. 6. FIELD VERIFY AND MATCH EXISTING ROOF CURB OUTER DIMENSIONS (~10'-2" W x 25'-6" L). 7. PROVIDE 120V/1PH (FLA=8A) GFI SERVICE OUTLET ON LINE SIDE OF DISCONNECT. 8. PROVIDE THREE-DECK MULTIZONE SECTION FOR THREE ZONES. 9. PROVIDE FACTORY-INSTALLED ACTUATORS FOR MULTIZONE DAMPERS. 10. PROVIDE SPACE FOR FUTURE COOLING COIL. 11. REUSE EXISTING CURB. INSTALL PER DETAIL.																																										

MAKE-UP AIR (MUA) UNIT SCHEDULE															EQUIPMENT FURNISHED BY OWNER, INSTALLED BY MECHANICAL CONTRACTOR							
DWG LABEL	LOCATION	SERVES	DESIGN MAKE, TRANE MODEL	SUPPLY/OA AIRFLOW	FURNACE TYPE	GAS PRESS. REQ'D	HEATING DATA					FAN DATA				ELECTRICAL DATA					OPERATING WEIGHT	NOTES
							INPUT CAP.	OUTPUT CAP.	EAT	LAT	ESP	BHP	MOTOR	VOLT	PH	MOP	MCA					
MUA-C-1	ROOF	KITCHEN	GRAA	3300 CFM	INDIRECT	6.5-14" WC	300 MBH	240 MBH	8.7	75.0	0.50 in-wg	1.2 hp	1.5 hp	208 V	3	13 A	8 A	1000 lb	1-4			
NOTES: 1. PROVIDE 40-100% MODULATING TURNDOWN. 2. PROVIDE 120V GFCI SERVICE OUTLET. 3. PROVIDE UNIT DISCONNECT, FACTORY INSTALLED VFD AND TEFC MOTOR. 4. PROVIDE 24" ROOF CURB																						

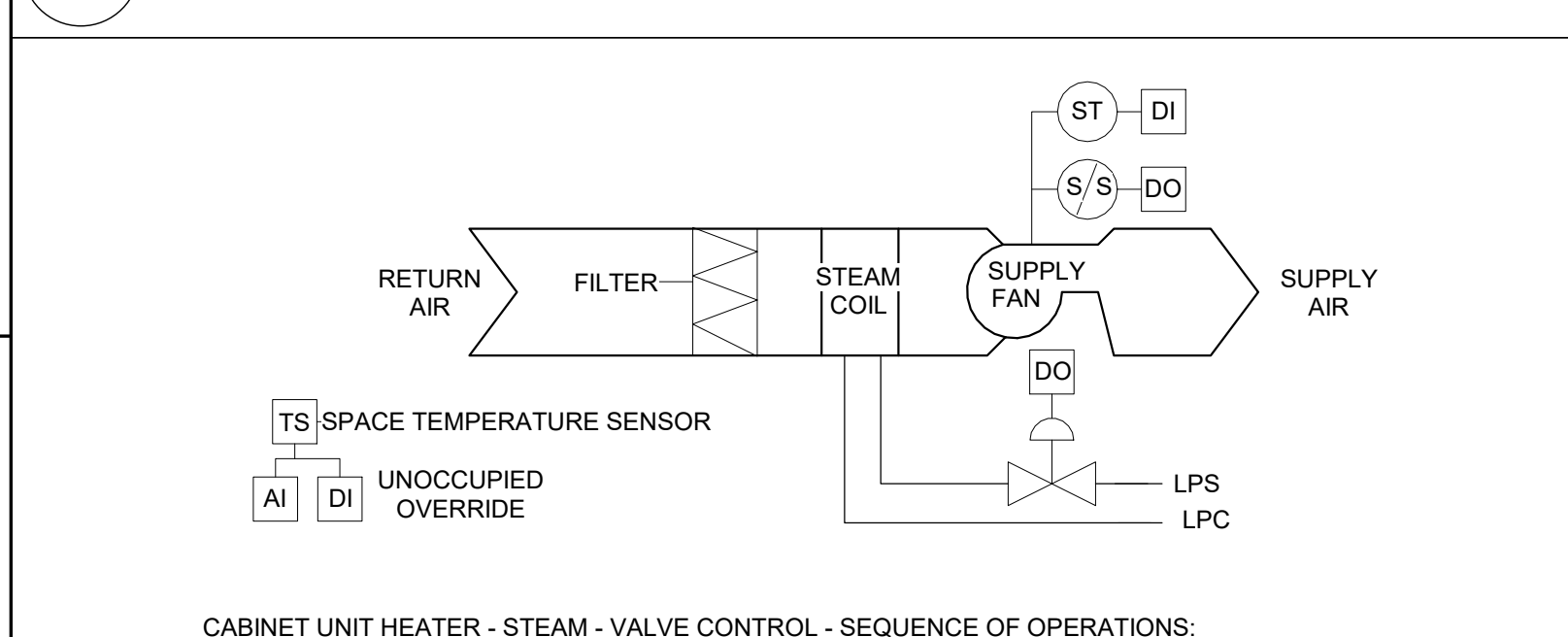
CABINET UNIT HEATER (CUH) SCHEDULE															EQUIPMENT FURNISHED BY OWNER, INSTALLED BY MECHANICAL CONTRACTOR				
DWG LABEL	LOCATION	MODEL NO.	SA CFM	HEATING DATA					STEAM COIL PRESSURE (psi)	SUPPLY FAN		ELECTRICAL					NOTES		
				NO. ROW	EAT (°F)	LAT (°F)	CAP. (MBH)	ESP (IN. WG.)		RPM	MOTOR SIZE (HP)	V/PH	FLA	MCA	MOP				
CUH-C-V2	VESTIBULE V2	FFCB030	300	2	60.0	117.8	18.8	3	0.05	776	0.02	120V/1ø	2.2	2.8	15	1-6			
NOTES:																			
1. DESIGN BASIS: TRANE				4. PROVIDE NEMA 1 DISCONNECT SWITCH															
2. HORIZONTAL CONCEALED CABINET				5. PROVIDE DUCT COLLAR INLETS AND OUTLETS.															
3. PROVIDE 1" MERV 6 FILTER				6. VERIFY PIPE AND ELECTRICAL LEFT/RIGHT HAND CONNECTIONS PRIOR TO ORDERING.															

OSTANDER BUILDING/EQUIPMENT VENTILATION CALCULATIONS													
EQUIPMENT NUMBER	ZONE ID				MINIMUM VENTILATION RATES								
	ROOM NUMBER	ROOM NAME	OCCUPANCY CLASSIFICATION	Az - AREA (SF)	Pz - ZONE OCCU. #/1000 FT	ZONE OCCU.	Rp (CFM/Person)	RpP	Ra (CFM/SF)	RaA	Vbz (CFM)	EZ	Voz (CFM)
RTU-C-1	C47	CAFETERIA	Cafeteria/fast-food dining	2217	100	222	7.5	1665	0.18	369	2064	0.8	2580
RTU-C-2	C40	GYM	Multituse assembly	6335	100	634	7.5	4755	0.06	360	5135	0.8	6420
	C41	STAGE	Stages, studios	1238	70	87	10	870	0.06	74	944	0.8	1160
NOTES													
Rp = PEOPLE OUTDOOR AIR RATE, Ra = AREA OUTDOOR AIR RATE, Vbz = BREATHING ZONE OUTDOOR AIRFLOW ,													
Ez = AIR DISTRIBUTION CONFIGURATION, Voz = ZONE OUTDOOR AIRFLOW													

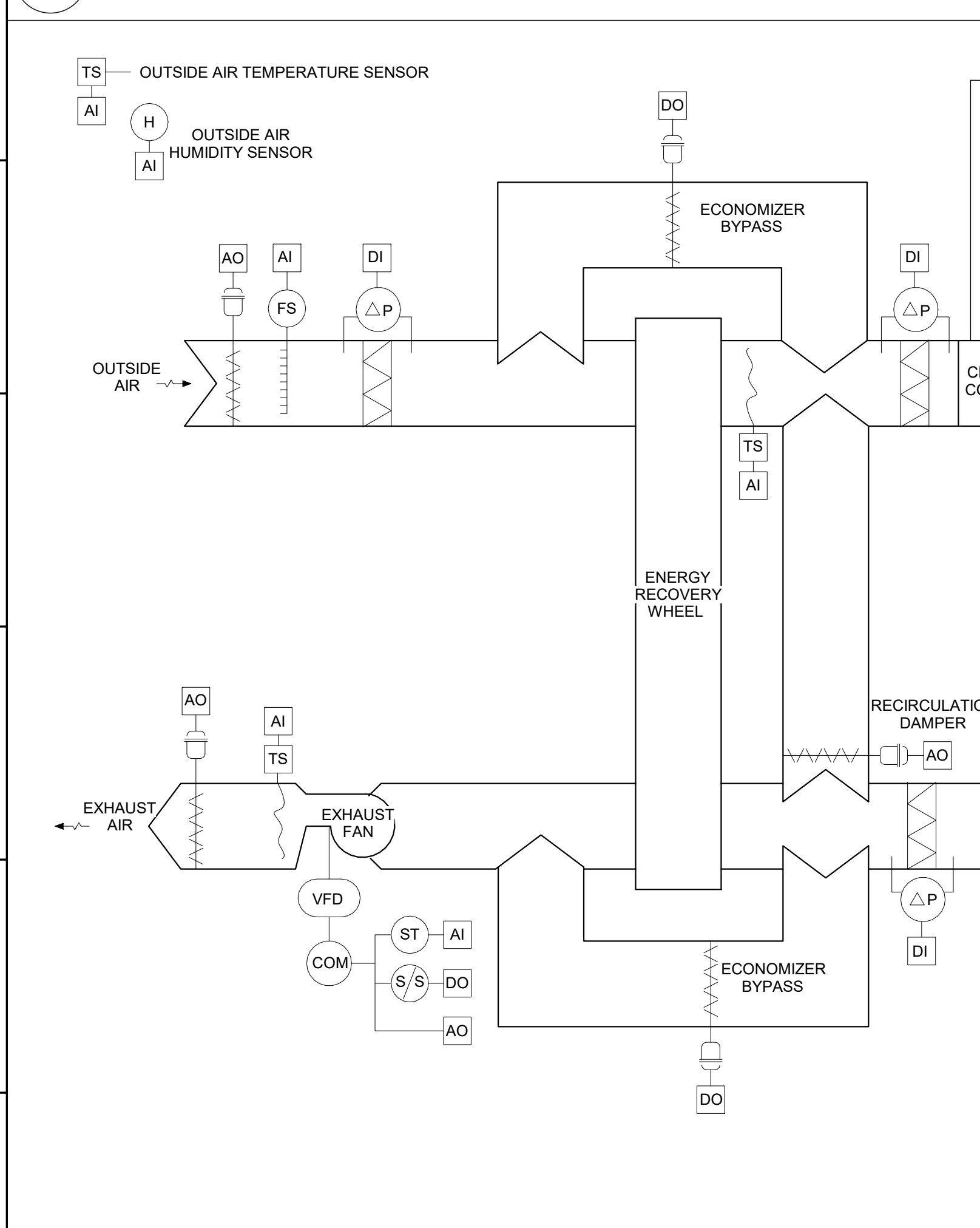
OSTRANDER BUILDING/EQUIPMENT VENTILATION CALCULATIONS															
EQUIPMENT NUMBER	ZONE ID				MINIMUM VENTILATION RATES								DESIGN		
	ROOM NUMBER	ROOM NAME	OCCUPANCY CLASSIFICATION	Az - AREA (SF)	Pz - ZONE OCCU. #/1000 FT.	ZONE OCCU.	Rp (CFM/Person)	RpP	Ra (CFM/SF)	RaA	Vbz (CFM)	EZ	Voz (CFM)	Vpz (CFM)	Zp
RTU-C-3	22	COMPUTER LAB	Classrooms (age 9 plus)	777	35	28	10	280	0.12	93	373	0.8	470	1170	0.40
	24	READINGS LAB	Classrooms (age 9 plus)	747	35	27	10	270	0.12	90	360	0.8	450	1120	0.40
	42	LIBRARY/MEDIA	Mac center	220	25	57	5	57	0.12	271	84	0.8	1000	4560	0.24
	46	OFFICE	Office space	200	5	1	5	5	0.06	12	17	0.8	30	300	0.10
	47	BEHAVIOR	Office space	260	5	2	5	10	0.06	16	26	0.8	40	390	0.10
		DATA ROOM	Office space	288	5	2	5	10	0.06	17	27	0.8	40	430	0.09
		OUTDOOR STOR	Occupiable storage rooms for dry materials	438	2	1	5	5	0.06	26	31	0.8	40	220	0.18
NOTES:															
Rp = PEOPLE OUTDOOR AIR RATE, Ra = AREA OUTDOOR AIR RATE, Vbz = BREATHING ZONE OUTDOOR AIRFLOW, EZ = AIR DISTRIBUTION CONFIGURATION, Voz = ZONE OUTDOOR AIRFLOW															
Vpz = ZONE PRIMARY AIRFLOW, Zpz = PRIMARY OUTDOOR AIR FRACTION, Vsz = SYSTEM PRIMARY AIRFLOW, Vot = OUTDOOR AIR INTAKE FLOW, Vout = UNCORRECTED OUTDOOR AIR INTAKE, D = OCCUPANT DIVERSITY, Ev = SYSTEM VENTILATION EFFICIENCY															



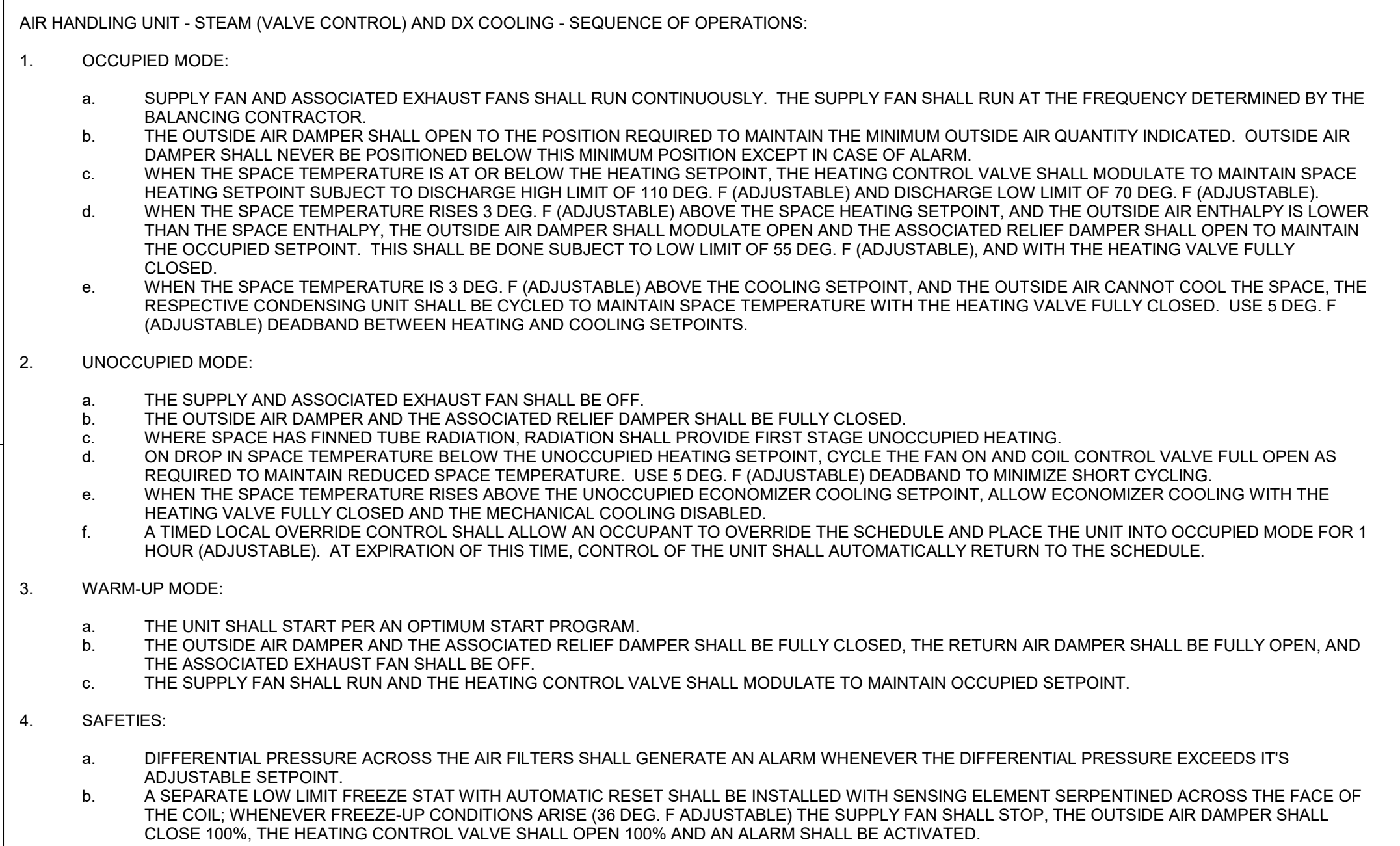
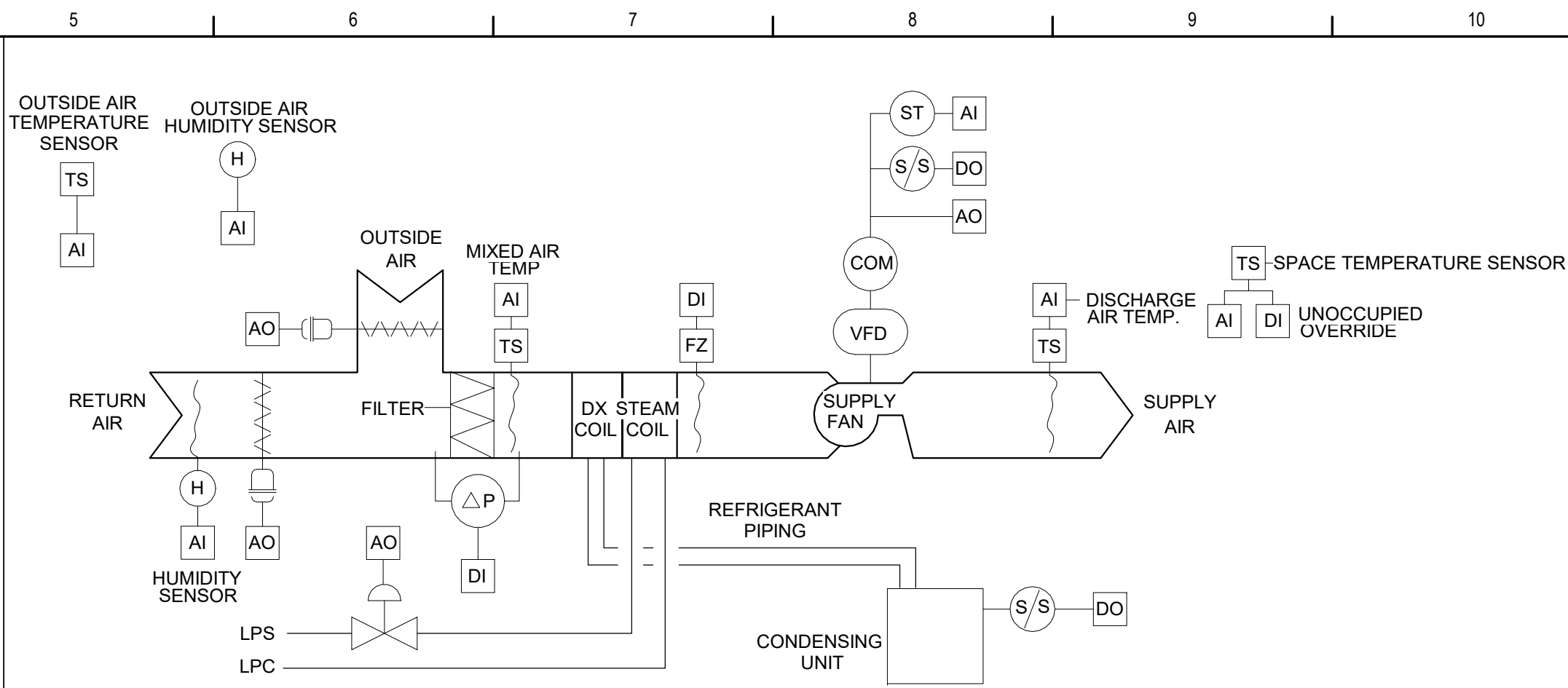
4 Make-Up Air Unit - MUA-C-1



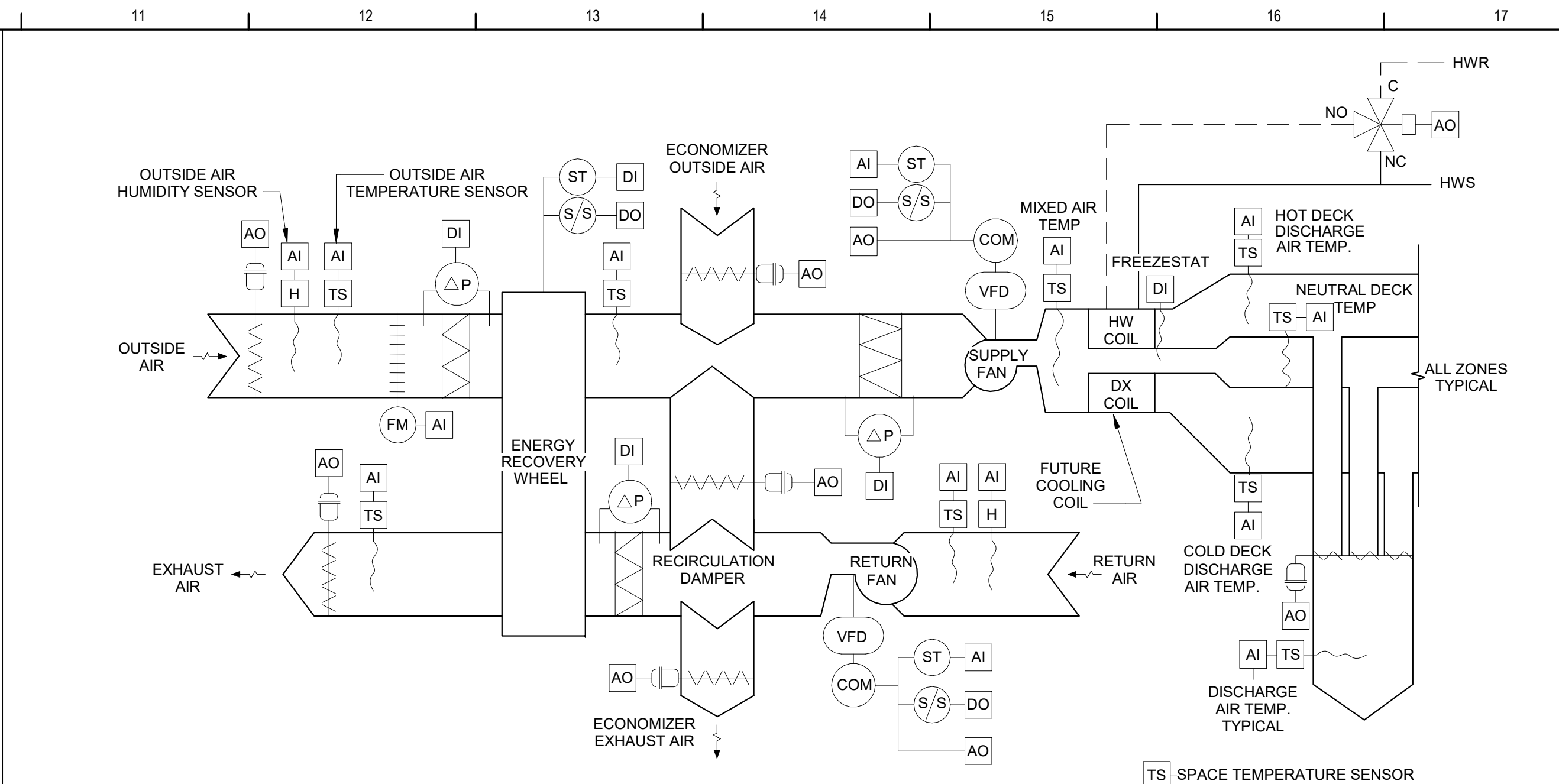
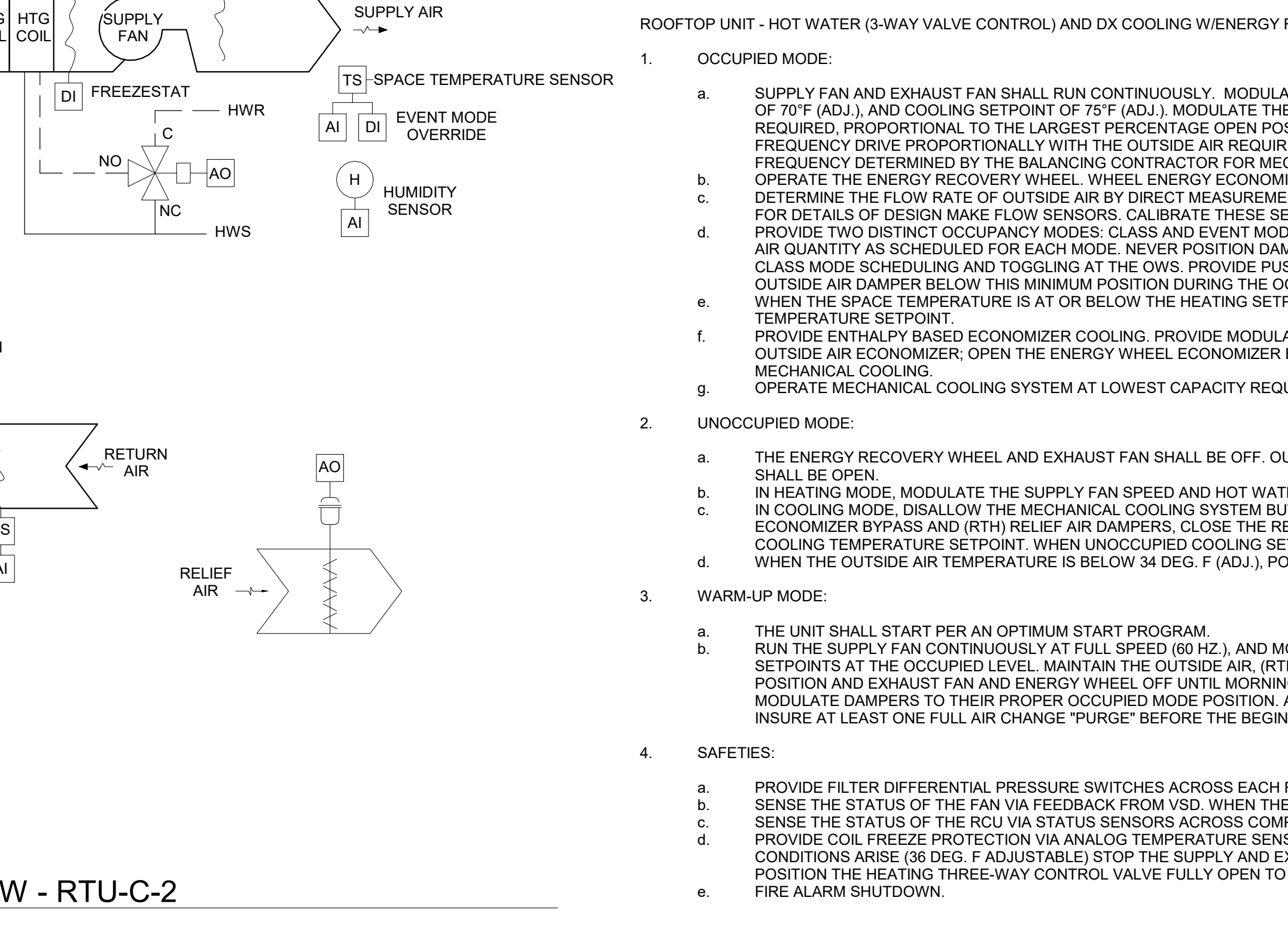
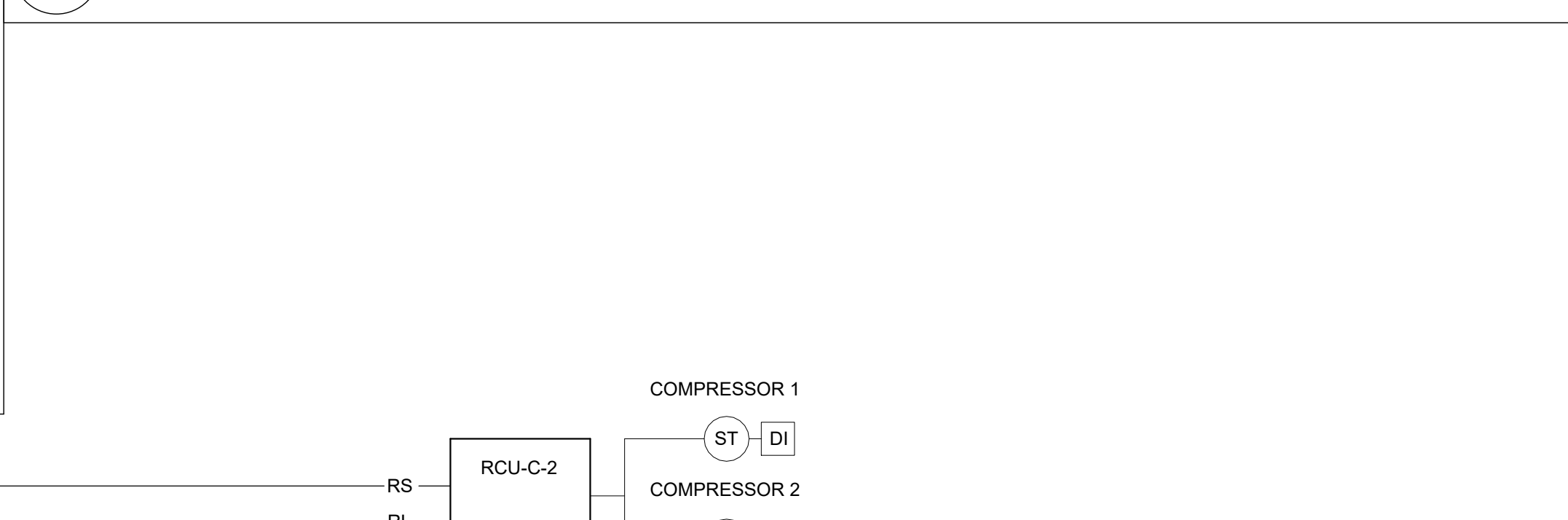
5 CUH - Steam - Valve Control



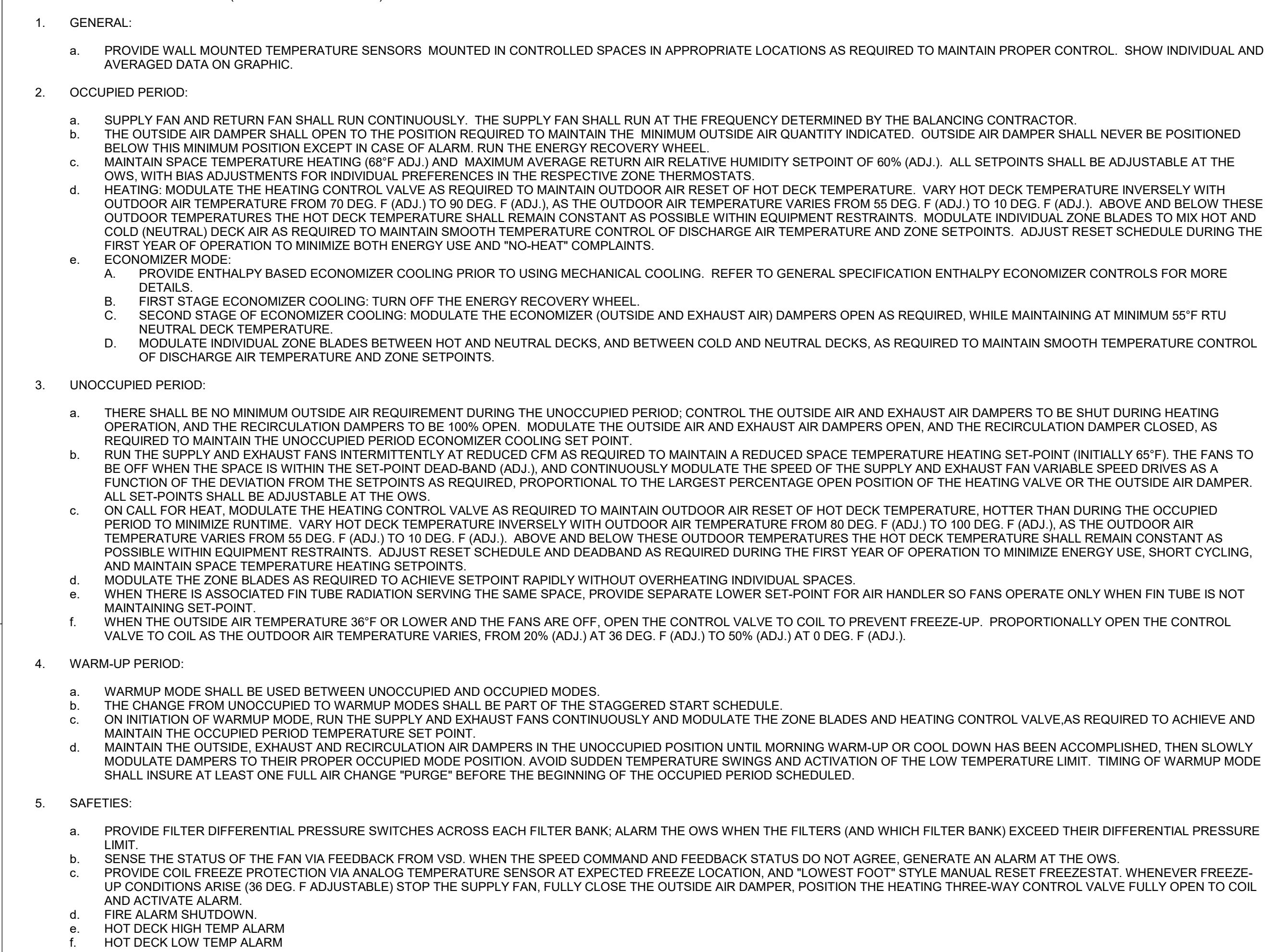
6 Rooftop Unit - Hot Water/DX Cooling - 3-Way Valve Control W/ERW - RTU-C-2



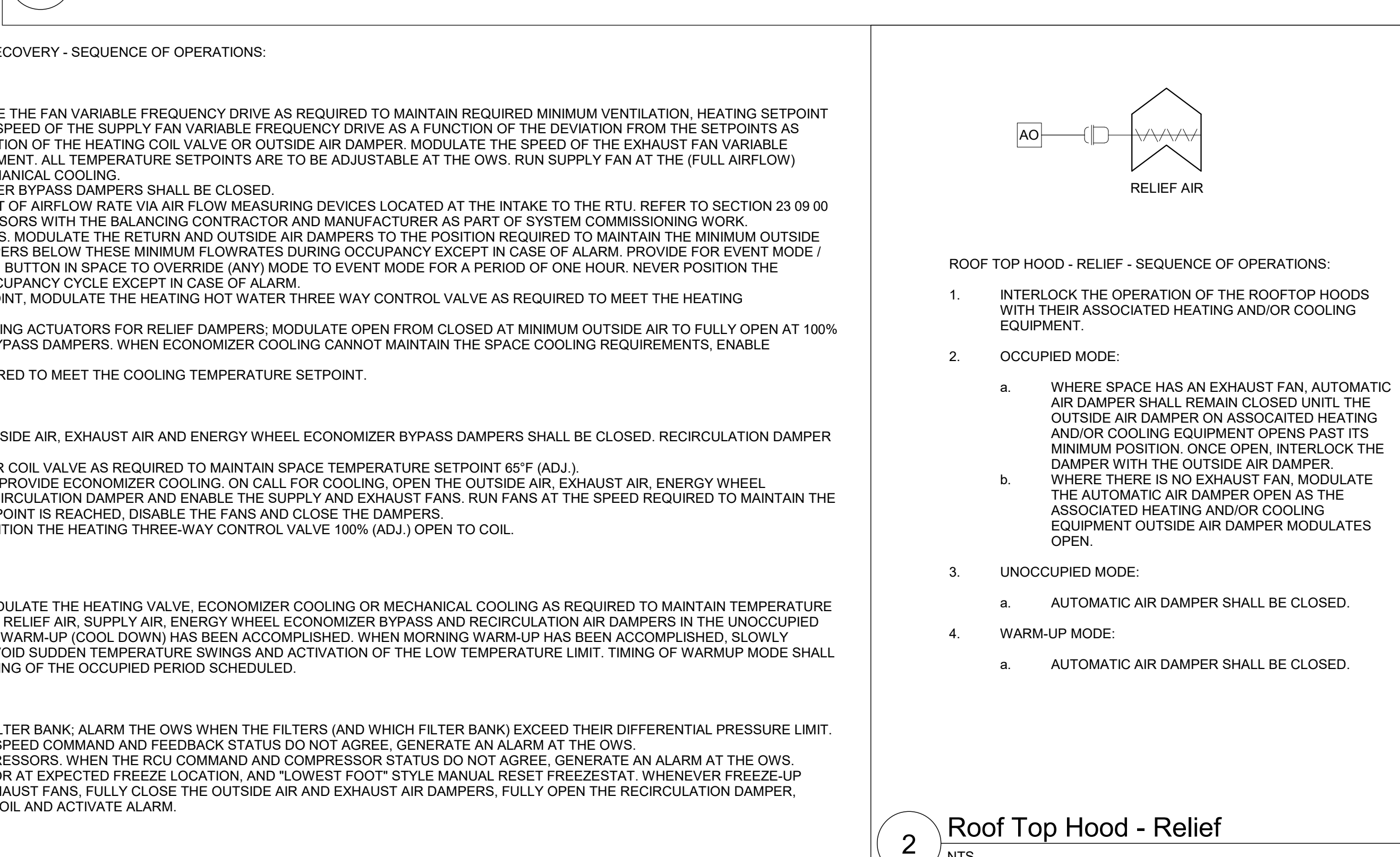
3 RTU - Steam - Valve Control and DX Cooling - RTU-C-1



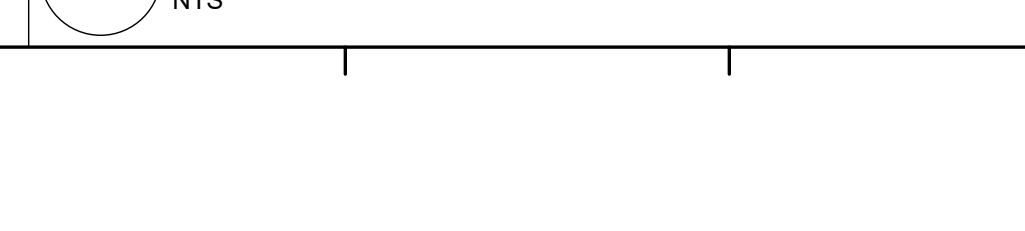
MULTI-ZONE UNIT - HOT WATER (3-WAY VALVE CONTROL) W/ENERGY RECOVERY - SEQUENCE OF OPERATIONS:



1 Multi-Zone Rooftop Unit - RTU-C-3



2 Roof Top Hood - Relief

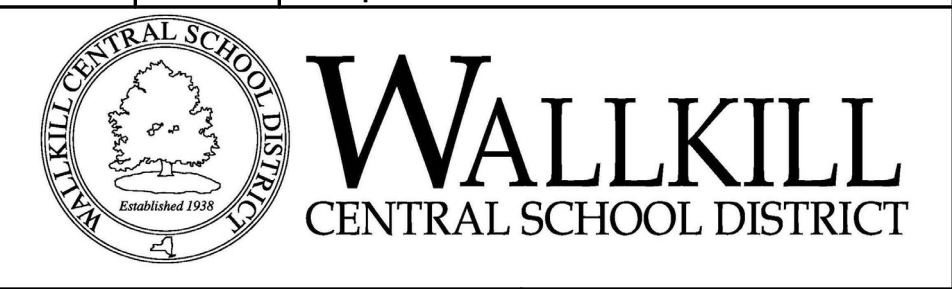


TEMPERATURE CONTROLS SYMBOLS LIST

AI	ANALOG IN
AO	ANALOG OUT
COM	COMMUNICATIONS PORT
CS	AIRBORNE CONTAMINANT SENSOR
DI	DIGITAL IN
DM	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
MS	MANUAL SWITCH STOP / START
P	PRESSURE SENSOR
AP	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

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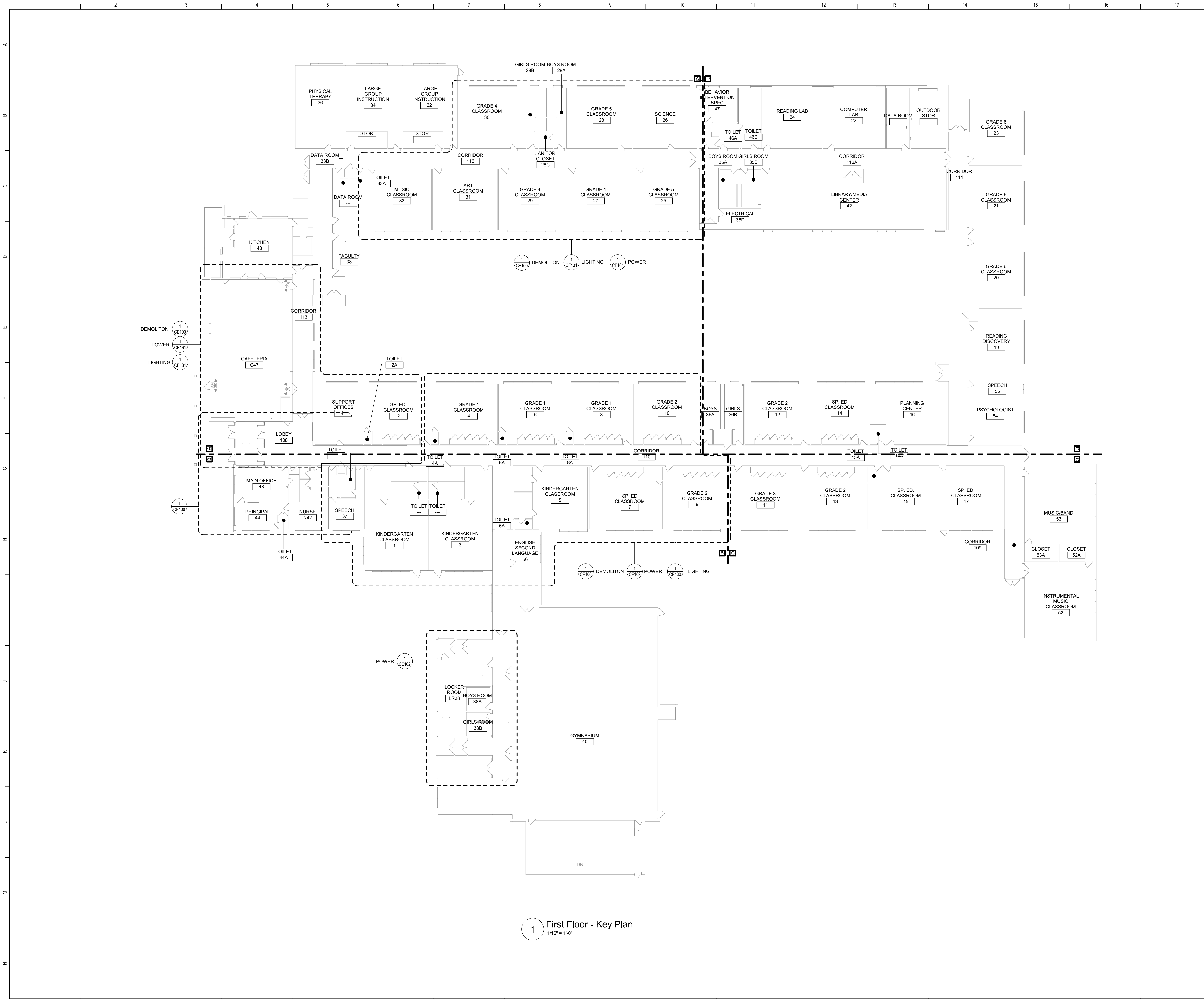
Walkill Central School District
Walkill, New York

Reconstruction to:
Ostrander Elementary School

Controls

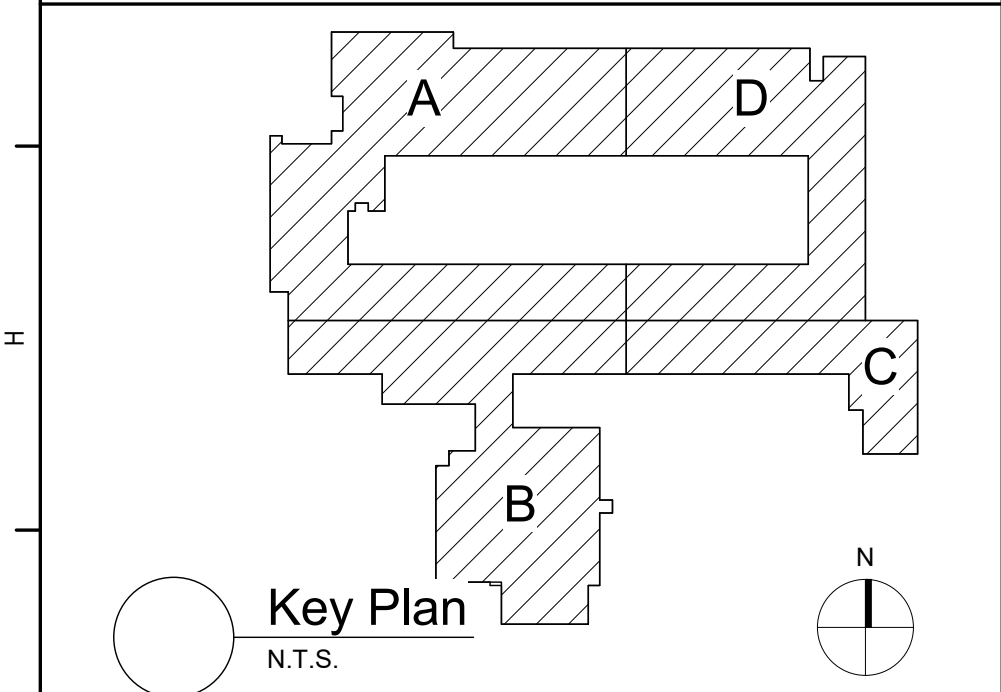
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CM700



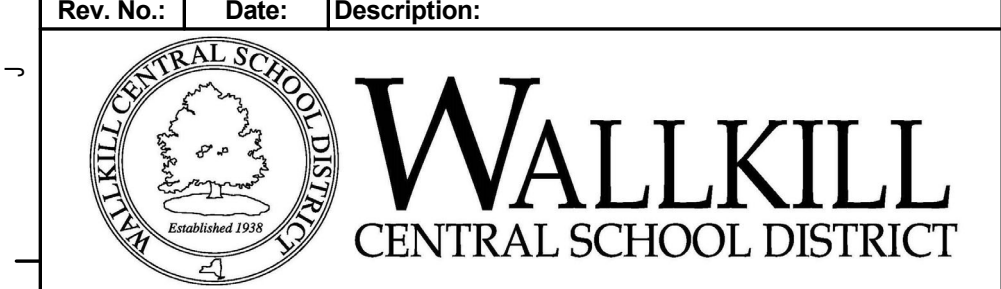
1 First Floor - Key Plan
1/16" = 1'-0"

- 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 SA FOR STANDARD SYMBOLS AND ABBREVIATIONS.
 - C. AT ALL CORRIDORS WHERE NEW CEILINGS ARE BEING INSTALLED, REINSTALL DEVICES ON NEW CEILINGS AS SHOWN ON NEW WORK DRAWINGS AND EXTEND/MODIFY EXISTING CIRCUITRY AS REQUIRED.
 - 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. 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.
 - J. 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)
 - K. COORDINATE ALL ELECTRICAL WORK WITH OTHER TRADES.
 - L. PROVIDE ALL POWER DISTRIBUTION WORK INCLUDING PANELS, FEEDERS AND BRANCH CIRCUIT WIRING. UPDATE PANEL DIRECTORIES ACCORDINGLY.
 - M. 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.
 - N. CONNECT ALL EXIT AND EMERGENCY LIGHTS TO THE UNSWITCHED HOT LEG OF THE LIGHTING CIRCUIT SERVING THE AREA.
 - O. AT ALL (CO) (#) LOCATIONS RUN AN INDIVIDUAL PLENUM RATED CATEGORY 6 UTP CABLE FROM BOX TO NEAREST IDF. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION.
(#) INDICATES QUANTITY OF RUNS TO BOX.
 - P. ACCESS CONTROL AND SECURITY SYSTEM PROVIDED BY OWNERS SECURITY VENDOR. PROVIDE 120V CONNECTION TO ELH POWER SUPPLY AND ACM LOCATION. COORDINATE FINAL LOCATIONS WITH OWNER. REFER TO 6/CE500



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BID SET



Wallkill Central School District
Wallkill, New York

Reconstruction to:
Ostrander Elementary School

First Floor Key Plan

Drawn By: GLK/CR/ded	Date: 11/4/2022	Drawing Number:
Project No.: 17597-22001	CE051	

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

Demolition General Notes

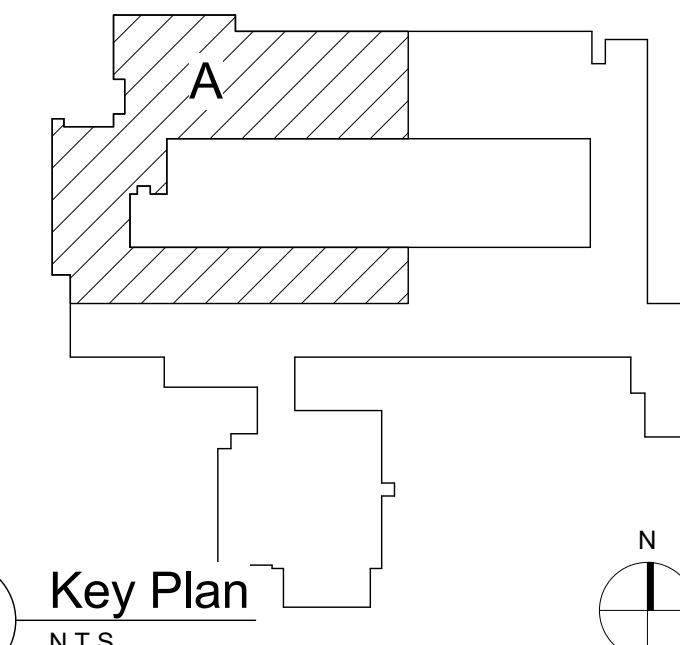
- ALL ELECTRICAL DEVICES INTERFERING WITH DEMOLITION WORK SHALL BE DISCONNECTED AND REMOVED, UNLESS OTHERWISE NOTED. EXISTING CIRCUIT WIRING SHALL BE REMOVED BACK TO SOURCE AND PANEL DIRECTORIES MODIFIED ACCORDINGLY.
- ANY DEVICE INTERFERING WITH DEMOLITION WORK NOT SHOWN ON THESE DRAWINGS SHALL NOT BE REMOVED WITHOUT WRITTEN AUTHORIZATION FROM THE OWNER'S REPRESENTATIVE OR THE ENGINEER.
- ALL ELECTRICAL DEMOLITION WORK SHALL BE PROPERLY COORDINATED WITH ALL OTHER TRADES.
- REFER TO SPECIFICATIONS SECTION 16010 FOR DEMOLITION REQUIREMENTS.
- EC IS SOLELY RESPONSIBLE FOR THE SAFE HANDLING AND DISPOSAL OF ALL REMOVED LIGHT FIXTURES AND BALLASTS THAT MAY CONTAIN PCBs (POLYCHLORINATED BIPHENYLS), IN ACCORDANCE WITH ALL APPLICABLE EPA, OSHA, FEDERAL, STATE, AND LOCAL CODES AND LAWS.
- EC IS SOLELY RESPONSIBLE FOR THE SAFE HANDLING AND DISPOSAL OF ALL REMOVED FLUORESCENT LIGHT TUBES THAT MAY CONTAIN MERCURY, IN ACCORDANCE WITH ALL APPLICABLE EPA, OSHA, FEDERAL, STATE, AND LOCAL CODES AND LAWS.
- AT ALL CORRIDORS WHERE NEW CEILINGS ARE BEING INSTALLED, DISCONNECT AND REMOVE DEVICES AS INDICATED, TAG EXISTING WIRING FOR REUSE.

Keyed Notes

- REMOVE LUMINAIRES, LIGHTING CONTROL COIL AND TAG CIRCUITRY FOR REUSE.
- REMOVE THE CEILING DEVICES, PRESERVE CIRCUITRY AND STORE FOR REINSTALLATION TO SUPPORT STRUCTURAL REINFORCEMENT. COORDINATE ALL WORK WITH GENERAL CONTRACTOR.
- REMOVE SPEAKERS AND ACCESS POINT, PRESERVE CIRCUITRY AND STORE FOR REINSTALLATION.

GENERAL NOTES

- REFER TO DRAWING CE100 FOR GENERAL DEMOLITION NOTES.



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Walkkill Central School District
Walkkill, New York

Reconstruction to:
Ostrander Elementary School

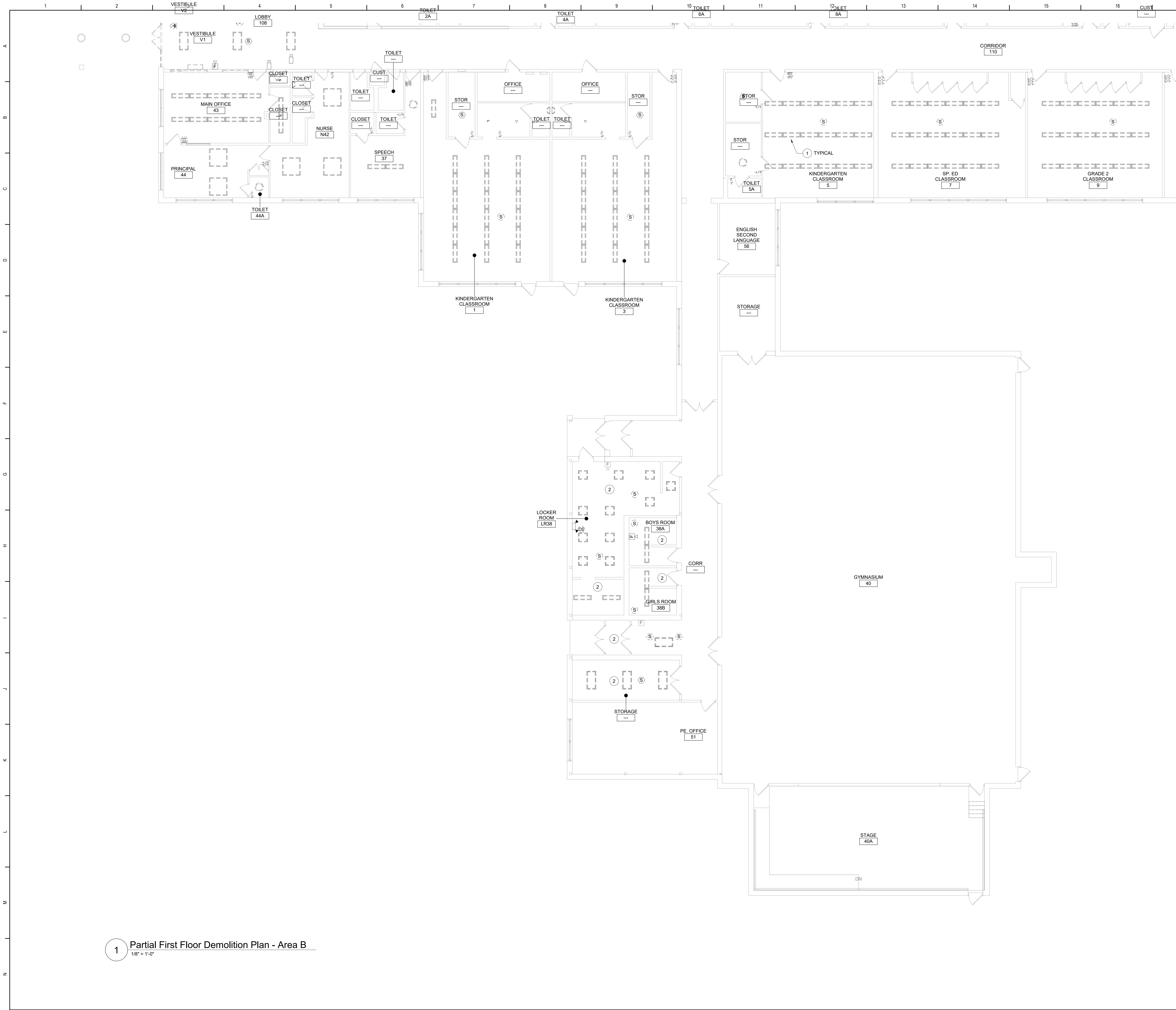
Partial First Floor Demolition Plan -
Area A

Drawn By:
GLK/CR/ded
Project No.:
17597-22001

Date:
11/4/2022

Drawing Number:

CE100

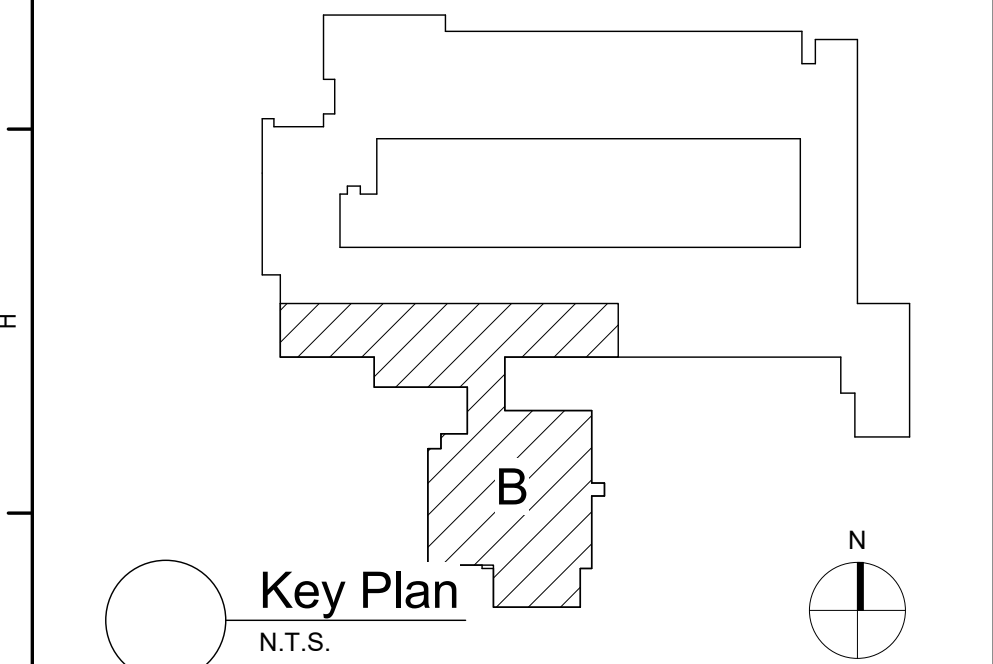


1 Partial First Floor Demolition Plan - Area B
1/8" = 1'-0"

- Keyed Notes**
- 1 REMOVE LUMINAIRES, LIGHTING CONTROL COIL AND TAG CIRCUITRY FOR REUSE.
 - 2 REMOVE THE CEILING DEVICES, PRESERVE CIRCUITRY AND STORE FOR REINSTALLATION TO SUPPORT STRUCTURAL REINFORCEMENT. COORDINATE ALL WORK WITH GENERAL CONTRACTOR.
 - 3 REMOVE/HANG CEILING DEVICES, PRESERVE CIRCUITRY AND STORE FOR REINSTALLATION TO SUPPORT STRUCTURAL REINFORCEMENT. COORDINATE ALL WORK WITH GENERAL CONTRACTOR.

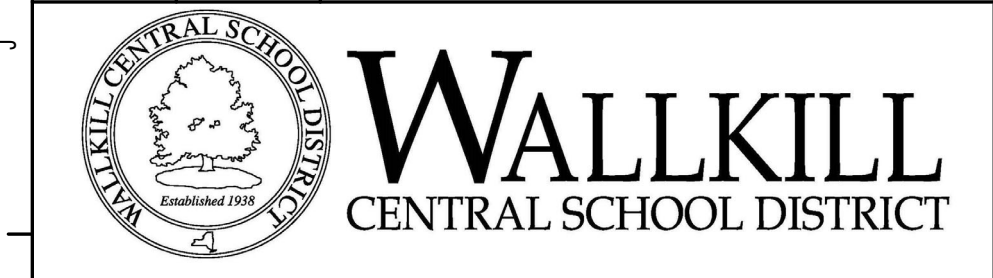
GENERAL NOTES

A. REFER TO DRAWING CE100 FOR GENERAL DEMOLITION NOTES.



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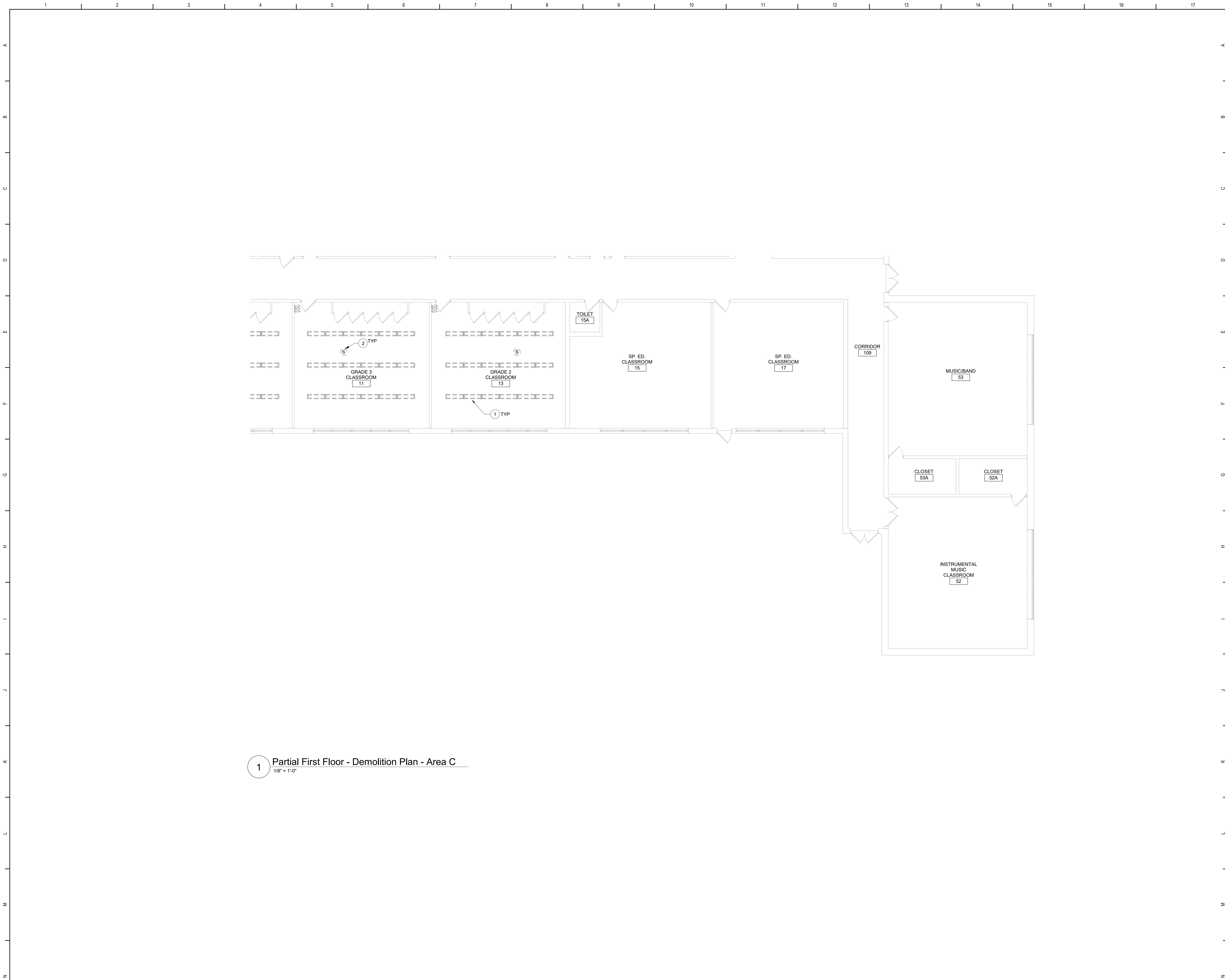


Walkkill Central School District
Walkkill, New York

Reconstruction to:
Ostrander Elementary School

Partial First Floor Demolition Plan -
Area B

Drawn By: GLK/CR/ded	Date: 11/4/2022	Drawing Number:
Project No.: 17597-22001	CE101	



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

Keyed Notes

- 1 REMOVE LUMINAIRES, LIGHTING CONTROL COIL AND TAG CIRCUITRY FOR REUSE.
- 2 REMOVE/HANG CEILING DEVICES, LIGHTING CONTROL COIL AND TAG CIRCUITRY FOR REUSE.

GENERAL NOTES

A. REFER TO DRAWING CE100 FOR GENERAL DEMOLITION NOTES.

Key Plan
N.T.S.

S.E.D. Control No. 62-18-01-06-0-003-014

Rev. No.:	Date:	Description:

WALLKILL
CENTRAL SCHOOL DISTRICT

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TETRA TECH
ARCHITECTS & ENGINEERS

Wallkill Central School District
Wallkill, New York

Reconstruction to:
Ostrander Elementary School

Partial First Floor Demolition - Area C

Drawn By: GLK/CR/ded	Date: 11/4/2022	Drawing Number: CE102
Project No.: 17597-22001		



1 Roof Power, Communications and Fire Alarm Demolition Plan
1/16" = 1'-0"

Keyed Notes

① DE-ENERGIZE EQUIPMENT, DISCONNECT ELECTRICAL CONDUCTORS, MAKE NEAT AND SAFE, SAFEGUARD FOR REUSE.

GENERAL NOTES

A. REFER TO DRAWING CE100 FOR GENERAL DEMOLITION NOTES.

Key Plan
N.T.S.

S.E.D. Control No. 62-18-01-06-0-003-014

Rev. No.	Date	Description

WALLKILL
CENTRAL SCHOOL DISTRICT

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TETRA TECH
ARCHITECTS & ENGINEERS

Wallkill Central School District
Wallkill, New York

Reconstruction to:
Ostrander Elementary School

Roof Power, Communications and Fire Alarm Demolition Plan

Drawn By: GLK/ded	Date: 11/4/2022	Drawing Number: CE103
Project No.: 17597-22001		

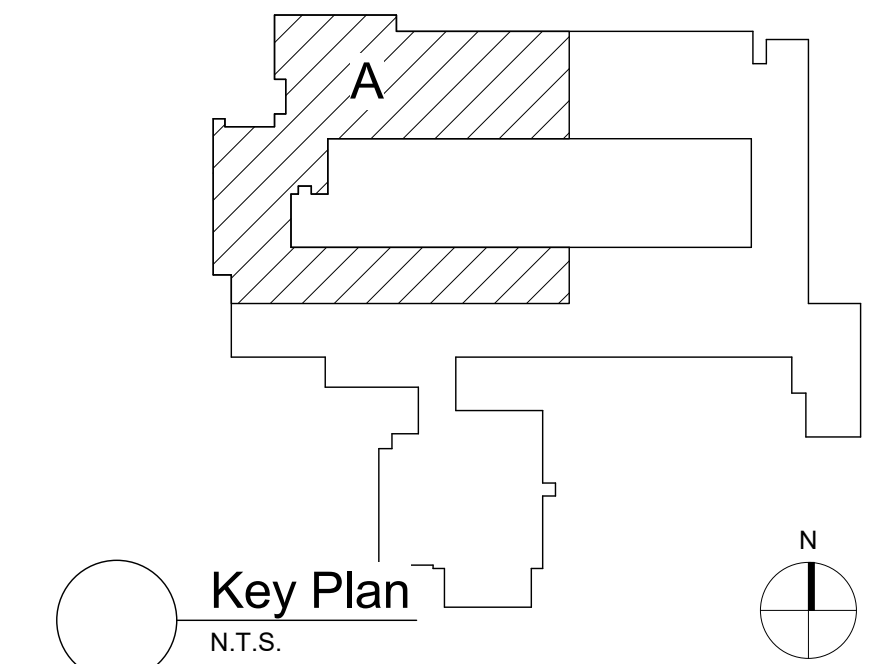
1 Partial First Floor Lighting Plan - Area A
1/8" = 1'-0"

Keyed Notes

- 1 REINSTALL CEILING DEVICES PREVIOUSLY STORED FOR STRUCTURAL REINFORCEMENT WORK. CONNECT TO PRESERVED CIRCUITRY AND CONTROLS.
- 2 CONNECT LUMINAIRES TO PREVIOUSLY PRESERVED CIRCUITRY. EXTEND/MODIFY AS NECESSARY.

General Notes:

- A. REFER TO DRAWING CE051 FOR GENERAL NOTES.
- B. LIGHTING CONTROL SEQUENCES:
- 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 LINE VOLTAGE KEYED SWITCH.
- 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 CLOSEST TO WINDOW TO PRESET SET POINT OF ROOM TO MAINTAIN UNIFORMITY OF ILLUMINATION.
- LOBBY/VESTIBULES:
PERSON ENTERS THE AREA, LUMINAIRES TURN ON TO 100% OUTPUT AUTOMATICALLY BY OCCUPANCY SENSOR. PERSON EXITS THE AREA, LUMINAIRES DIM TO 50% OUTPUT (MAINTAINING EGRESS LEVEL ILLUMINATION). MANUAL CONTROL BY LINE VOLTAGE KEYED SWITCH.
- CAFETERIA:
PERSON ENTERS THE ROOM AND TURNS LUMINAIRES ON TO 100% OUTPUT. WHEN PERSON EXITS THE ROOM THE OCCUPANCY SENSOR WILL TURN OFF THE LUMINAIRES AFTER 15 MINUTES. MANUAL CONTROL BY LOW VOLTAGE KEYED SWITCH. DAYLIGHT RESPONSIVE CONTROL WILL DIM ROW OF LUMINAIRES CLOSEST TO WINDOW TO PRESET SET POINT OF ROOM TO MAINTAIN UNIFORMITY OF ILLUMINATION.
- KITCHEN:
PERSON ENTERS THE ROOM AND TURNS LUMINAIRES ON TO 100% OUTPUT. WHEN PERSON EXITS THE ROOM THE OCCUPANCY SENSOR WILL TURN OFF THE LUMINAIRES AFTER 15 MINUTES. IF PERSON ENTERS AGAIN LUMINAIRES WILL TURN ON TO 100%. MANUAL CONTROL BY LOW VOLTAGE KEYED SWITCH.
- OFFICES:
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% MAY BE MANUALLY ADJUSTED BY BUTTON.



S.E.D. Control No. 62-18-01-06-0-003-014

Rev. No.: Date: Description:



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Wallkill Central School District
Wallkill, New York

Reconstruction to:
Ostrander Elementary School

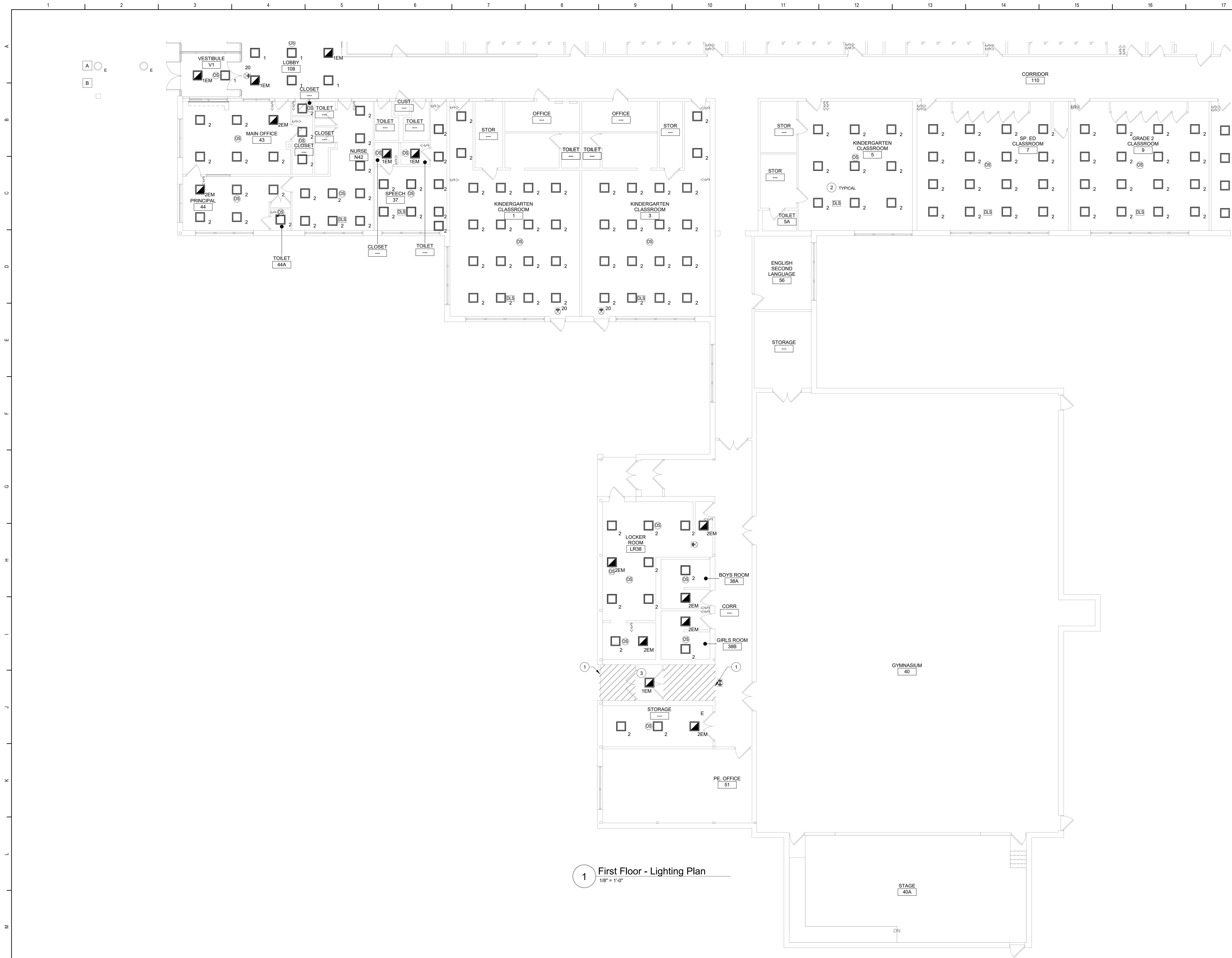
Partial First Floor Lighting Plans - Area A

Drawn By:
CR
Project No.:
17597-22001

Date:
11/4/2022

Drawing Number:

CE130

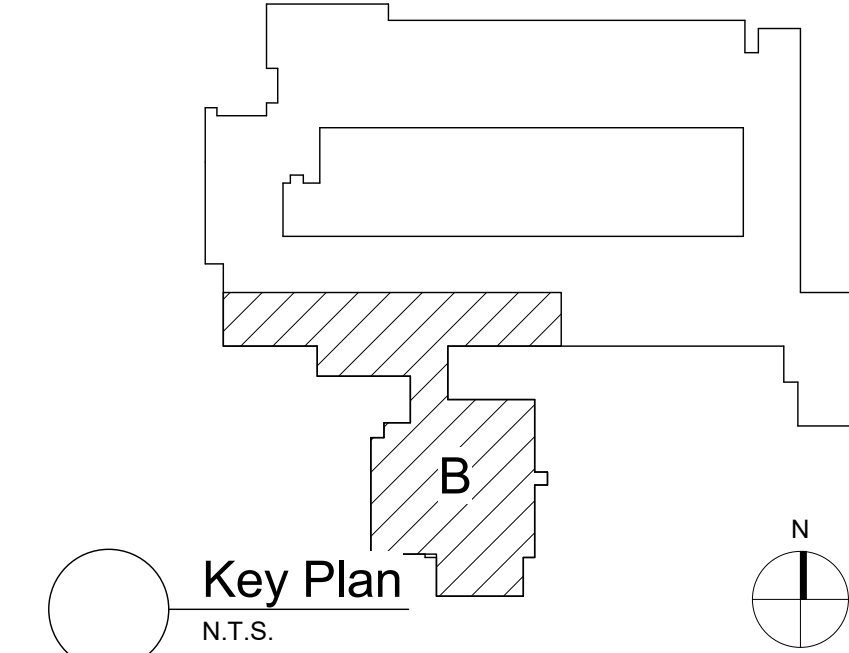


Keyed Notes

- 1 REINSTALL CEILING DEVICES PREVIOUSLY STORED FOR STRUCTURAL REINFORCEMENT WORK. CONNECT TO PRESERVED CIRCUITRY AND CONTROLS.
- 2 CONNECT LUMINAIRES TO PREVIOUSLY PRESERVED CIRCUITRY, EXTEND MODIFY AS NECESSARY.
- 3 CONNECT LUMINAIRE TO EXISTING LIGHTING CONTROLS, EXTEND/MODIFY AS NECESSARY.

General Notes:

A. REFER TO DRAWING CE051 FOR GENERAL NOTES.
B. LIGHTING CONTROL SEQUENCES:
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 LINE VOLTAGE KEYED SWITCH.
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% MAYBE 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 CLOSEST TO WINDOW TO PRESET SET POINT OF ROOM TO MAINTAIN UNIFORMITY OF ILLUMINATION.
LOCKER/VESTIBULES:
PERSON ENTERS THE AREA. LUMINAIRES TURN ON TO 100% OUTPUT AUTOMATICALLY BY OCCUPANCY SENSOR. PERSON EXITS THE AREA. LUMINAIRES DIM TO 50% OUTPUT (MAINTAINING EGRESS LEVEL ILLUMINATION). MANUAL CONTROL BY LINE VOLTAGE KEYED SWITCH.
OFFICES:
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.



S.E.D. Control No. 62-18-01-06-0-003-014

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Wallkill Central School District
Wallkill, New York

Reconstruction to:
Ostrandrer Elementary School

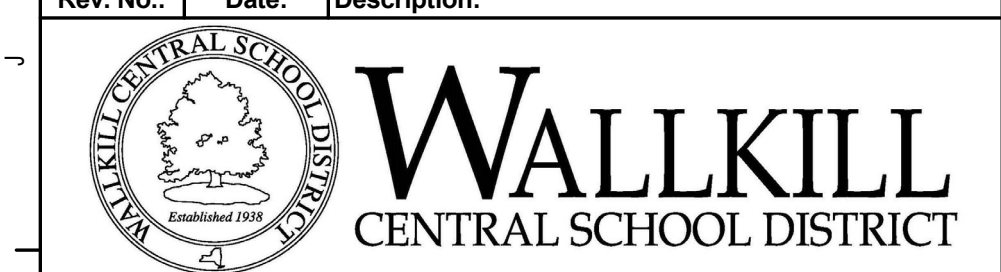
Partial First Floor Lighting Plan Area B

Drawn By: CR	Date: 11/4/2022	Drawing Number: CE131
Project No.: 17597-22001		



1 CONNECT LUMINAIRES TO PREVIOUSLY PRESERVED CIRCUITRY, EXTEND MODIFY AS NECESSARY.

A.	REFER TO DRAWING C6051 FOR ADDITIONAL 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% MAYBE 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. IF NO ONE COMES, WILL TURN AGAIN LUMINAIRES WILL TURN ON TO LAST LEVEL OR LAST LEVEL SELECTED. DAYLIGHT RESPONSIVE CONTROL WILL DIM ROW OF LUMINAIRES CLOSEST TO WINDOW TO PRESET LEVEL OF ROOM TO MAINTAIN UNIFORMITY OF ILLUMINATION.

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Wallkill Central School District
Wallkill, New York

M	Reconstruction to: Ostrander Elementary School
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Partial First Floor Lighting Plan Area C

N	Drawn By: CR	Date: 11/4/2022	Drawing Number:
	Project No.: 17597-22001		CE132

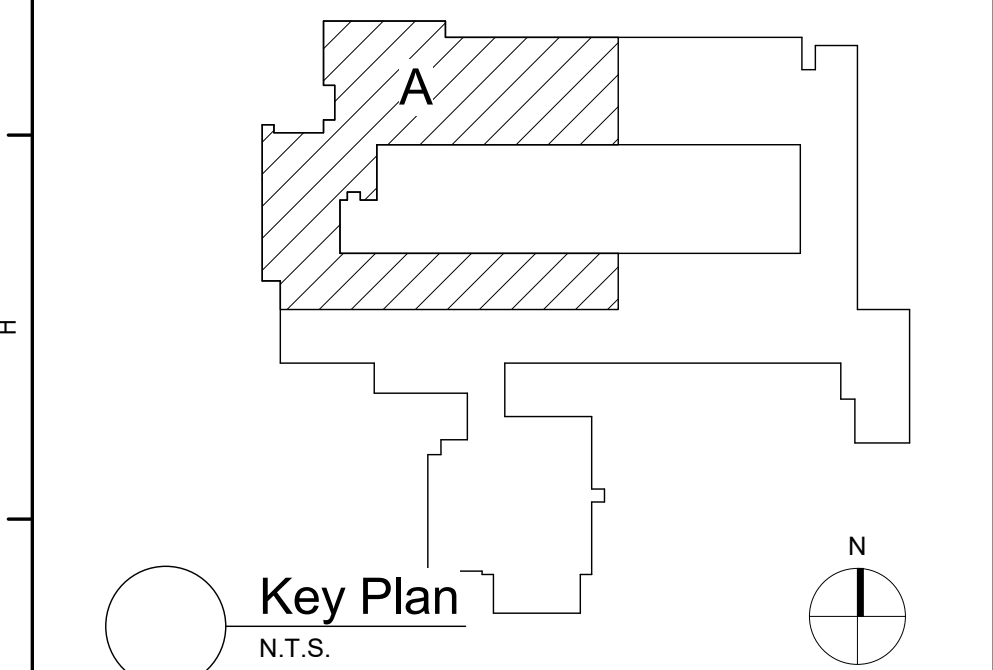


1 Partial First Floor Power, Communications and Fire Alarm Plans - Area A
1/8" = 1'-0"

- Keyed Notes**
- 1 REINSTALL CEILING DEVICES PREVIOUSLY STORED FOR STRUCTURAL REINFORCEMENT WORK. CONNMECT TO PRESERVED CIRCUITRY AND CONTROLS.
 - 2 PROVIDE (2) #12 AWG, (1) #12 AWG G N 1/2" TO STAGE PANEL "S". PROVIDE (1) 20A, 208V, 2 POLE BREAKER WITH AIG RATING TO MATCH EXISTING PANEL.
 - 3 CONNECT FIRE ALARM DEVICES TO EXISTING FIRE ALARM SYSTEM. PROVIDE FACP REPROGRAMMING AS NECESSARY.

GENERAL NOTES

A. REFER TO DRAWING CE051 FOR GENERAL NOTES.



S.E.D. Control No. 62-18-01-06-0-003-014

Rev. No.:	Date:	Description:
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BID SET

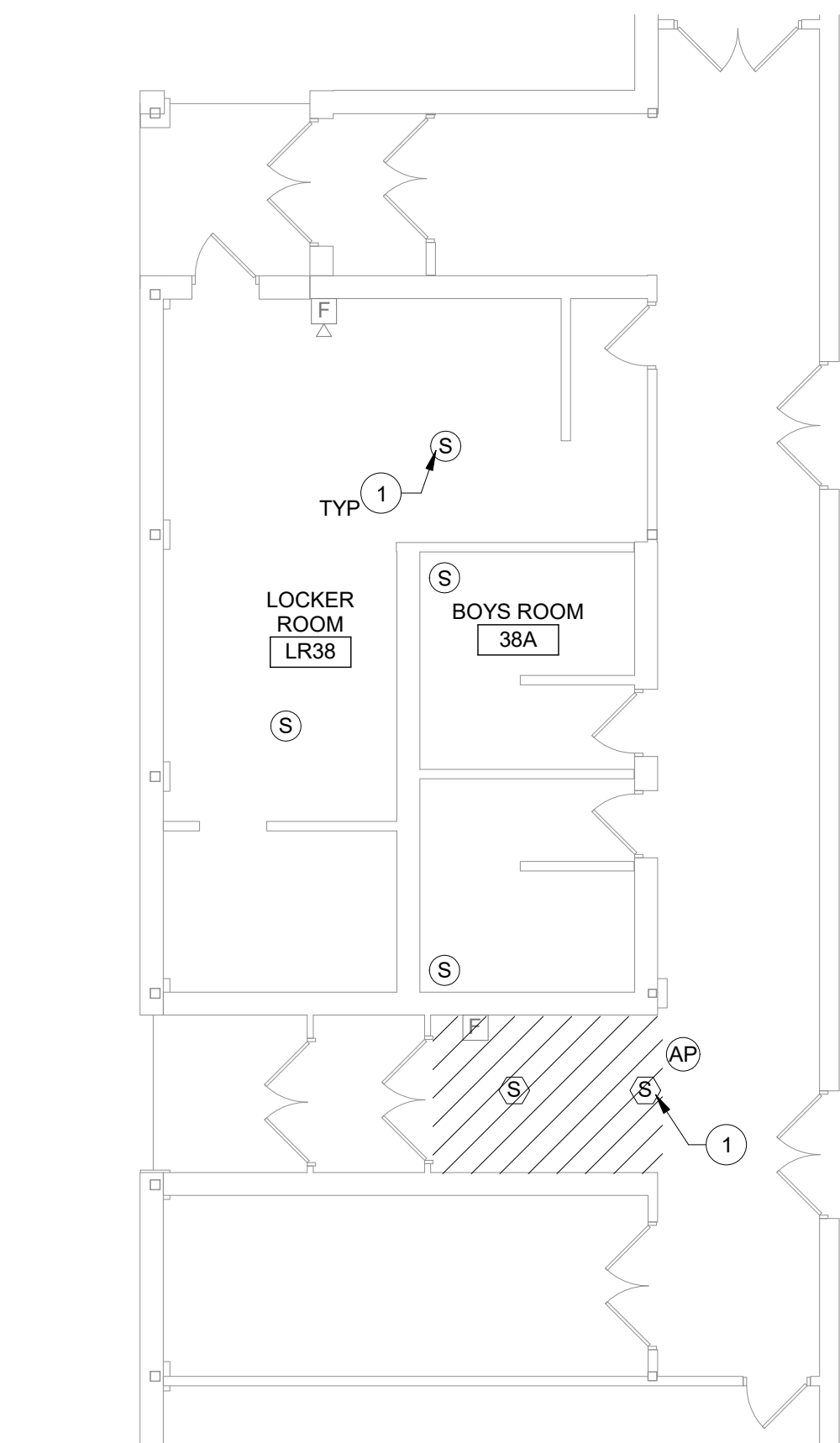


Walkkill Central School District
Walkkill, New York

Reconstruction to:
Ostrander Elementary School

First Floor Power, Communications and
Fire Alarm Plans

Drawn By: TTAE	Date: 11/4/2022	Drawing Number:
Project No.: 17597-22001		CE161



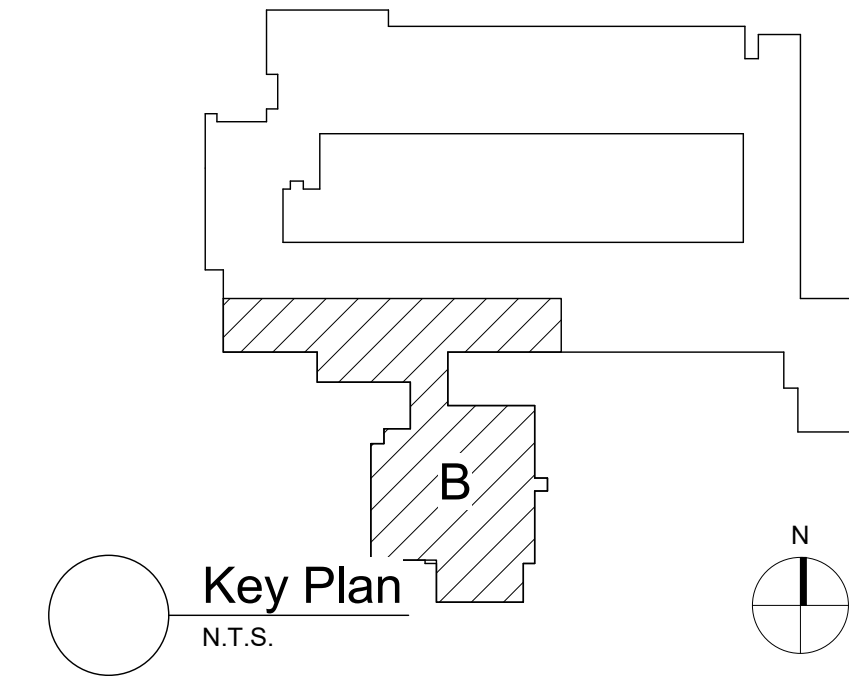
1 Partial First Floor Power, Communication and Fire Aarm Plans - Area B
1/8" = 1'-0"

Keyed Notes

- 1 REINSTALL CEILING DEVICES PREVIOUSLY STORED FOR STRUCTURAL REINFORCEMENT WORK. CONNMECT TO PRESERVED CIRCUITRY AND CONTROLS.

GENERAL NOTES

- A. REFER TO DRAWING CE051 FOR GENERAL NOTES.



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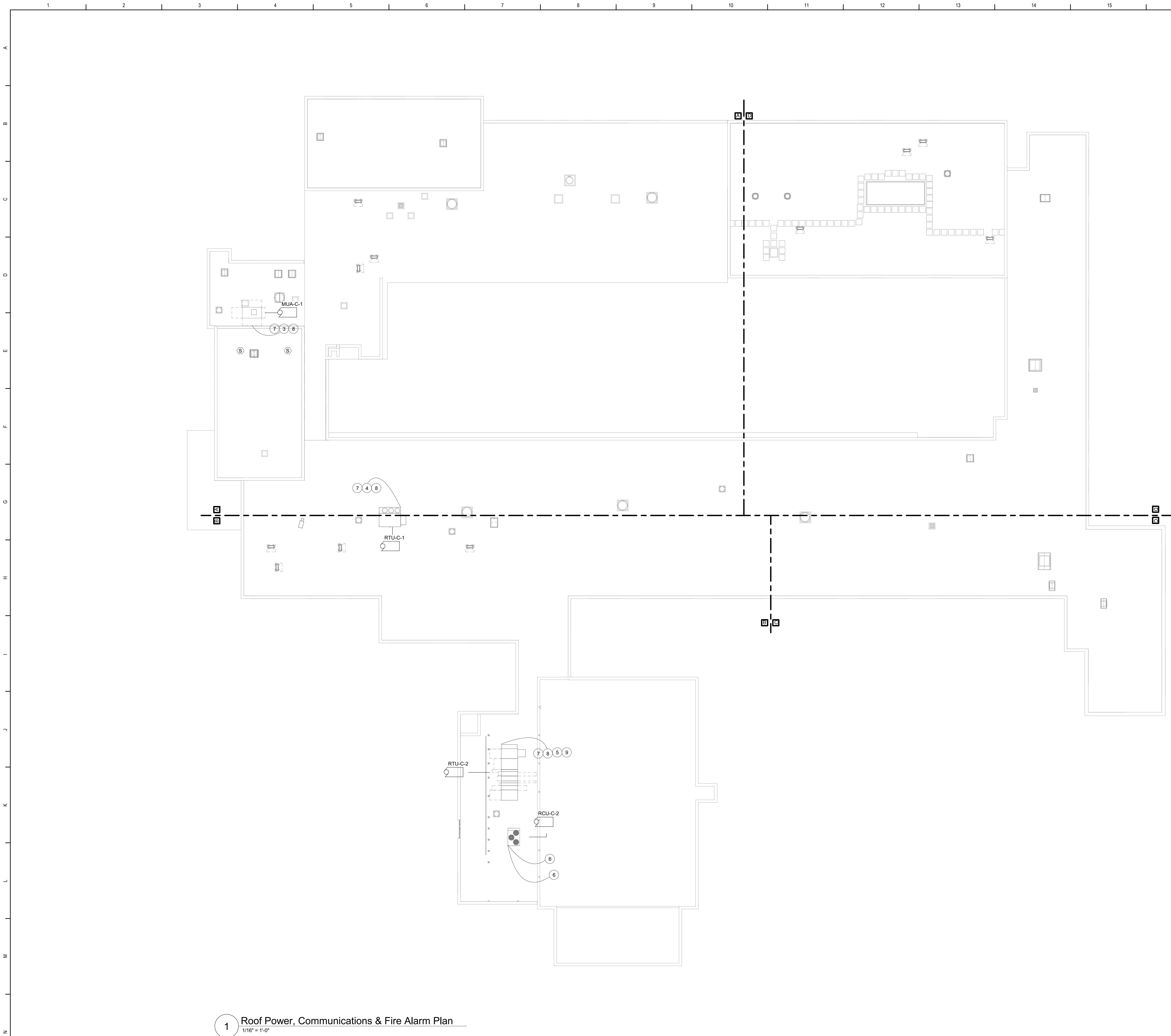


Wallkill Central School District
Wallkill, New York

Reconstruction to:
Ostrander Elementary School

Partial First Floor Power,
Communications and Fire Alarm Plans
- Area B

Drawn By: GL/ded	Date: 11/4/2022	Drawing Number:
Project No.: 17597-22001	CE162	

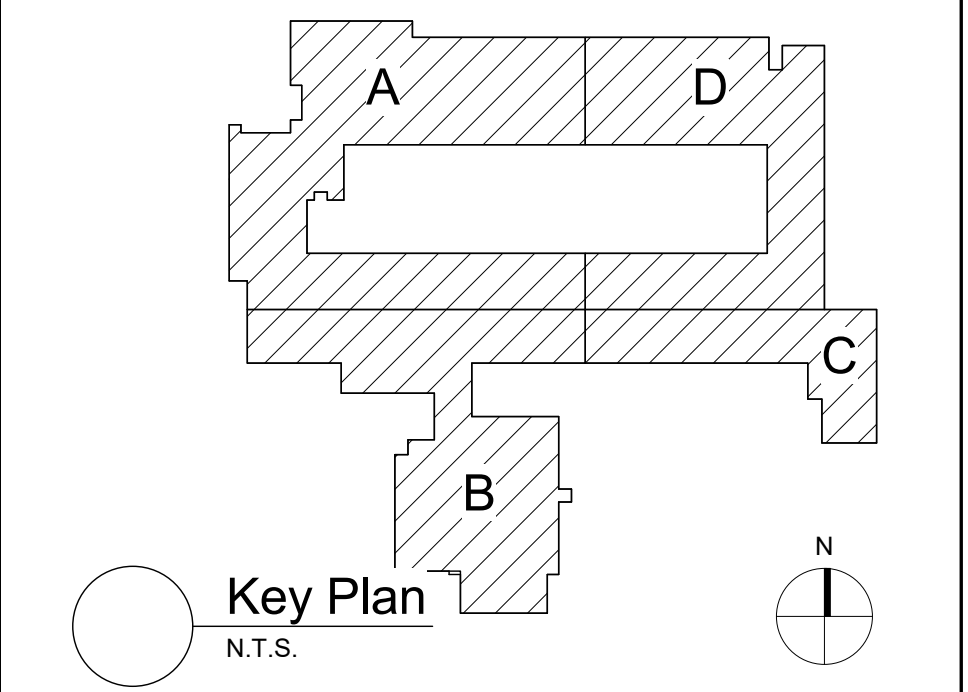


1 Roof Power, Communications & Fire Alarm Plan
1/16" = 1'-0"

- Keyed Notes**
- 1 REINSTALL CEILING DEVICES PREVIOUSLY STORED FOR STRUCTURAL REINFORCEMENT WORK. CONNECT TO PRESERVED CIRCUITRY AND CONTROLS.
 - 2 INSTALL CEILING DEVICES PREVIOUSLY STORED FOR DEMOLITION. MODIFY/EXTEND EXISTING CIRCUITRY AND CONTROLS AS NECESSARY.
 - 3 PROVIDE (3) #12 AWG, (1) #12 AWG G IN 1/2" TO MDP. PROVIDE (1) 20A, 208V, 3 POLE BREAKER WITH AIC RATING TO MATCH EXISTING PANEL.
 - 4 PROVIDE (3) #4 AWG, (1) #8 AWG G IN 1" TO MDP. PROVIDE (1) 80A, 208V, 3 POLE BREAKER WITH AIC RATING TO MATCH EXISTING PANEL.
 - 5 PROVIDE (3) #1 AWG, (1) #6 AWG G IN 1-1/4" TO MDP. PROVIDE (1) 175A, 208V, 3 POLE BREAKER WITH AIC RATING TO MATCH EXISTING PANEL.
 - 6 PROVIDE (3) #1/0 AWG, (1) #6 AWG G IN 1-1/2" TO MDP. PROVIDE (1) 175A, 208V, 3 POLE BREAKER WITH AIC RATING TO MATCH EXISTING PANEL.
 - 7 PROVIDE DUCT DETECTOR DOWNSTREAM OF SUPPLY SIDE AIR FILTER AND UPSTREAM OF ANY DUCT BRANCH CONNECTIONS. CONNECT DUCT DETECTORS TO EXISTING FIRE ALARM SYSTEM. EXTEND/MODIFY CIRCUITRY AS NECESSARY.
 - 8 PROVIDE FAN SHUTDOWN RELAY/CONNECTION FOR SUPPLY FAN. CONNECT TO EXISTING FIRE ALARM SYSTEM, EXTEND/MODIFY CIRCUITRY AS NECESSARY.
 - 9 PROVIDE FAN SHUTDOWN RELAY/CONNECTION FOR RETURN FAN. CONNECT TO EXISTING FIRE ALARM SYSTEM, EXTEND/MODIFY CIRCUITRY AS NECESSARY.


GENERAL NOTES

A. REFER TO DRAWING CE051 FOR GENEREAL NOTES.



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WALLKILL
CENTRAL SCHOOL DISTRICT

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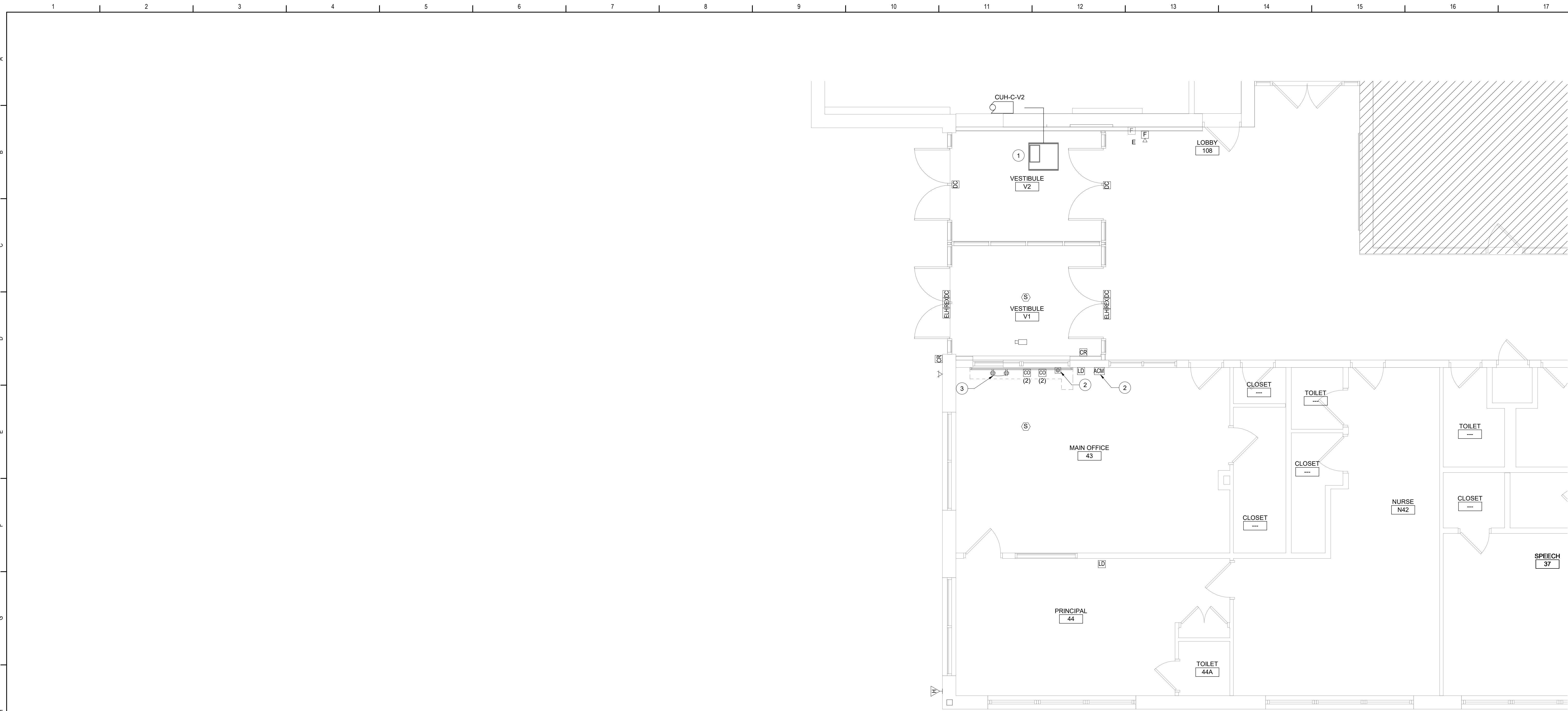
TETRA TECH
ARCHITECTS & ENGINEERS

Wallkill Central School District
Wallkill, New York

Reconstruction to:
Ostrander Elementary School

Roof Power, Communications and Fire
Alarm Plan

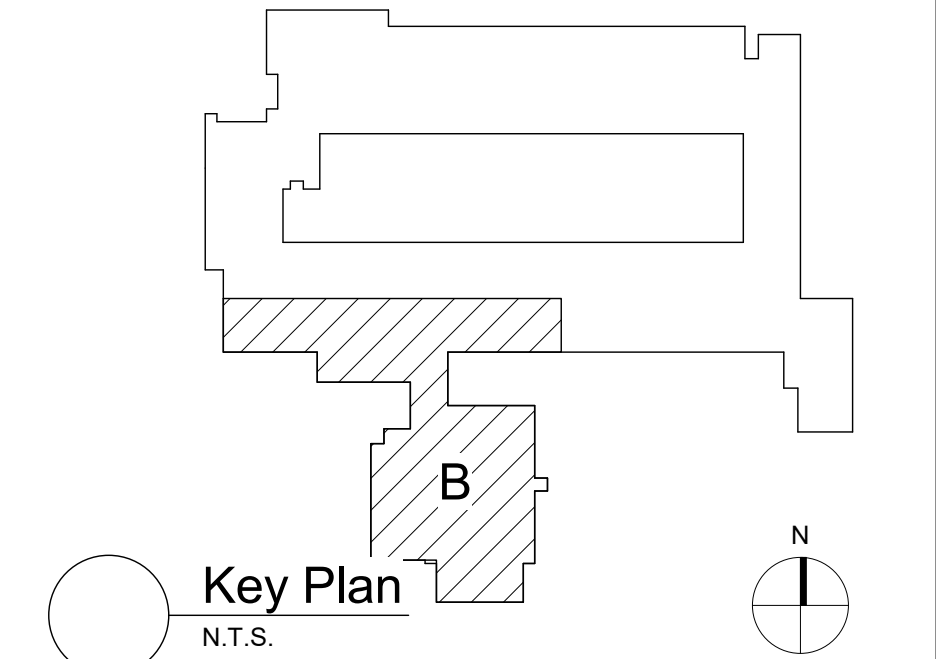
Drawn By: GLK/ded	Date: 11/4/2022	Drawing Number:
Project No.: 17597-22001	CE163	



1 Security Vestibule Power Plan Plan
1/4" = 1'-0"

- Keyed Notes**
- 1 PROVIDE (1) #12 AWG, (1) #12 AWG G IN 1/2" C TO PANEL PPE-2. PROVIDE (1) 20A, 120V, 1 POLE BREAKER WITH AIC RATING TO MATCH EXISTING PANEL.
 - 2 ROLL UP FIRE SHUTTER. PROVIDE POWER, FIRE ALARM INITIATION AND CONTROL CIRCUITS AS SHOWN IN DETAIL 6/CE500
 - 3 PROVIDE (1) #12 AWG, (1) #12 AWG G IN 1/2" C TO PANEL PPE-2. PROVIDE (1) 20A, 120V, 1 POLE BREAKER WITH AIC RATING TO MATCH EXISTING PANEL.

GENERAL NOTES
A. REFER TO DRAWING CE051 FOR GENERAL NOTES.



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1	01/23/2023	SED ADD. NO. 2
Rev. No.:	Date:	Description:



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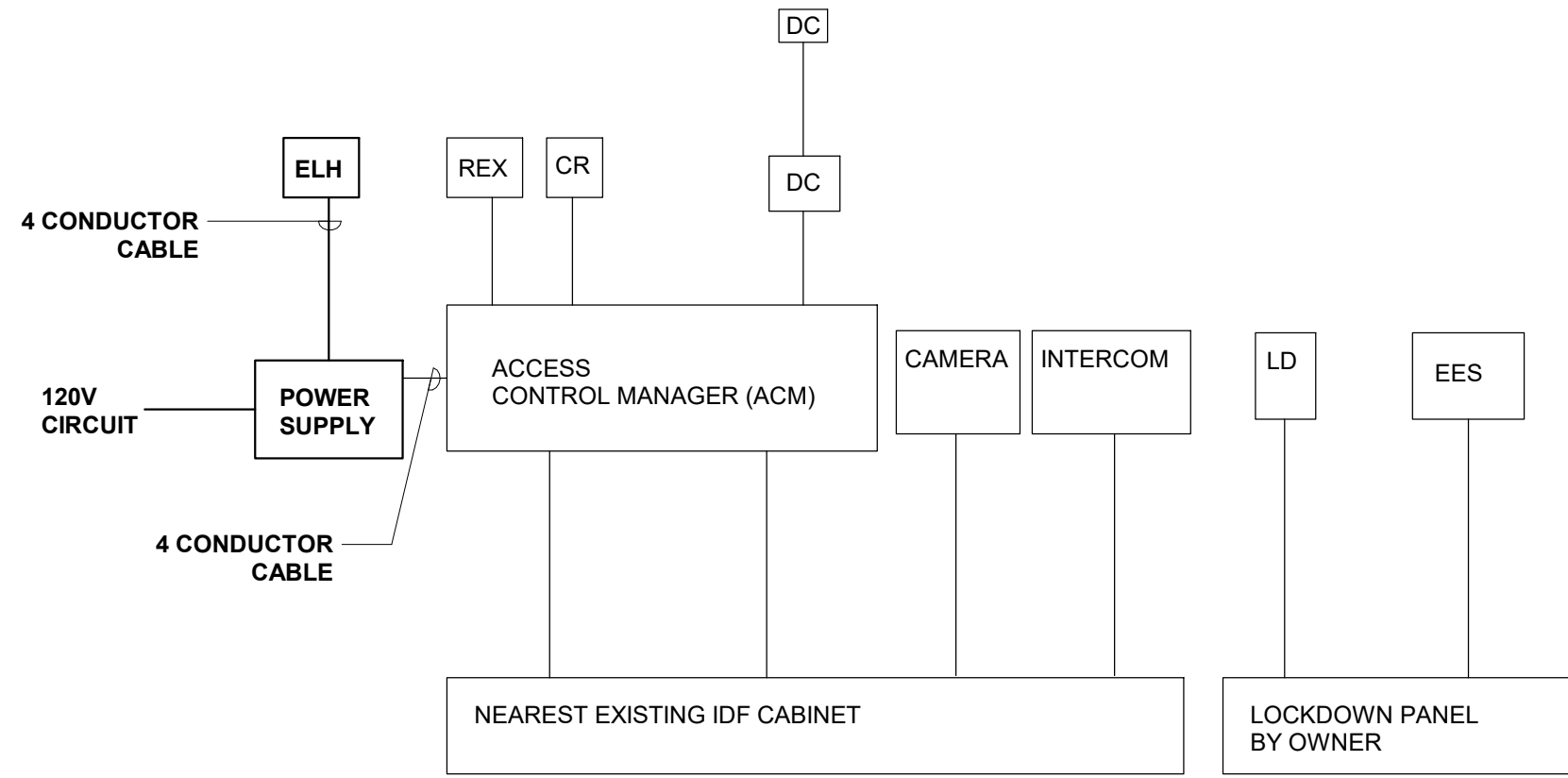


Wallkill Central School District
Wallkill, New York

Reconstruction to:
Ostrander Elementary School

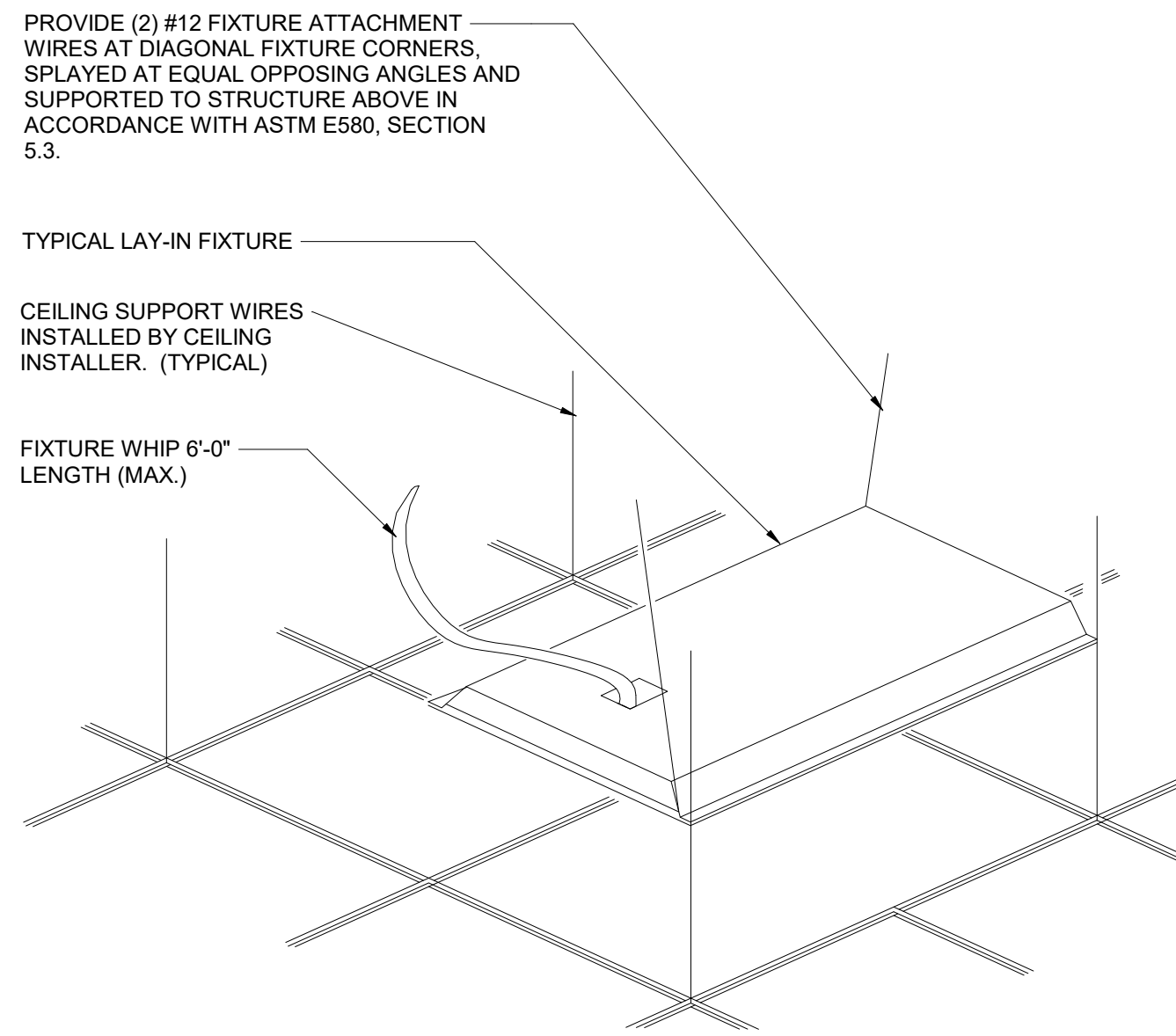
Enlarged Plan

Drawn By: GLK/ded	Date: 11/4/2022	Drawing Number:
Project No.: 17597-22001		CE400

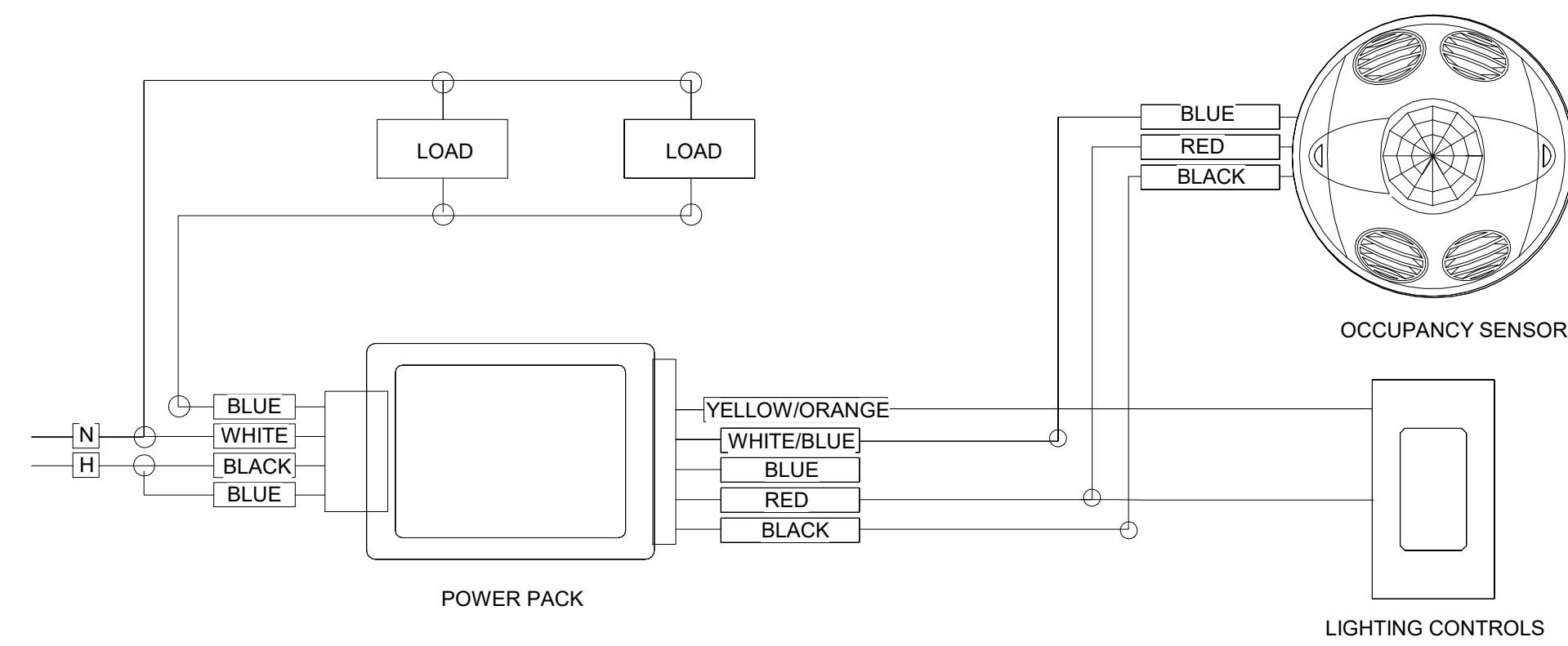


- A. QUANTITY OF DEVICES VARY. REFER TO FLOOR PLAN DRAWINGS.
B. REFER TO FLOOR PLAN DRAWINGS FOR 120V CIRCUIT PANEL LOCATION
C. ALL DOOR CONTACTS IN AN OPENING ARE WIRED AS ONE GROUP.
D. ALL ACCESS CONTROL EQUIPMENT, CONDUITS, BACK BOXES, AND CABLES SHOWN IN GREY ARE PROVIDED BY OTHERS. ELECTRICAL CONTRACTOR TO PROVIDE POWER TO POWER SUPPLY AND FROM POWER SUPPLY TO ELH AND ACM WORK SHOWN IN BOLD

5 Access Control Diagram
12" = 1'-0"

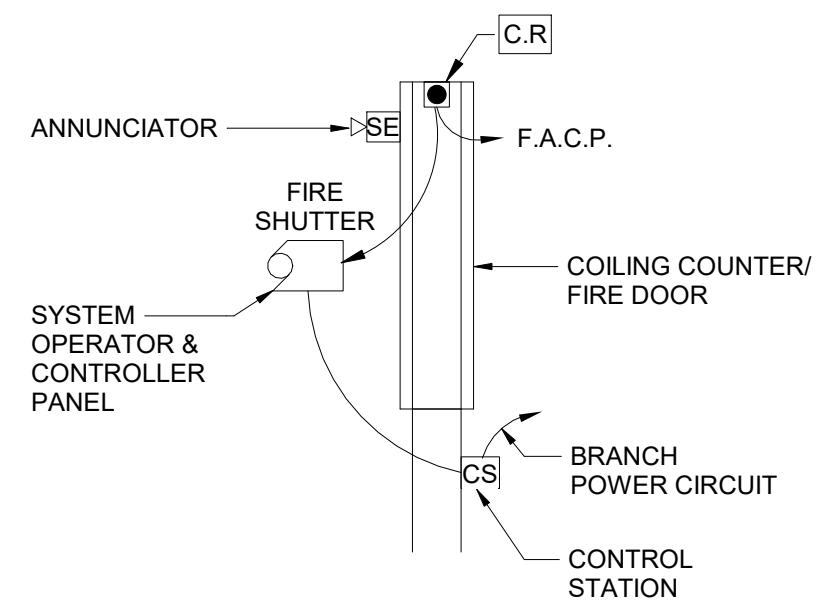


3 Typical Troffer Mounting Detail
NTS



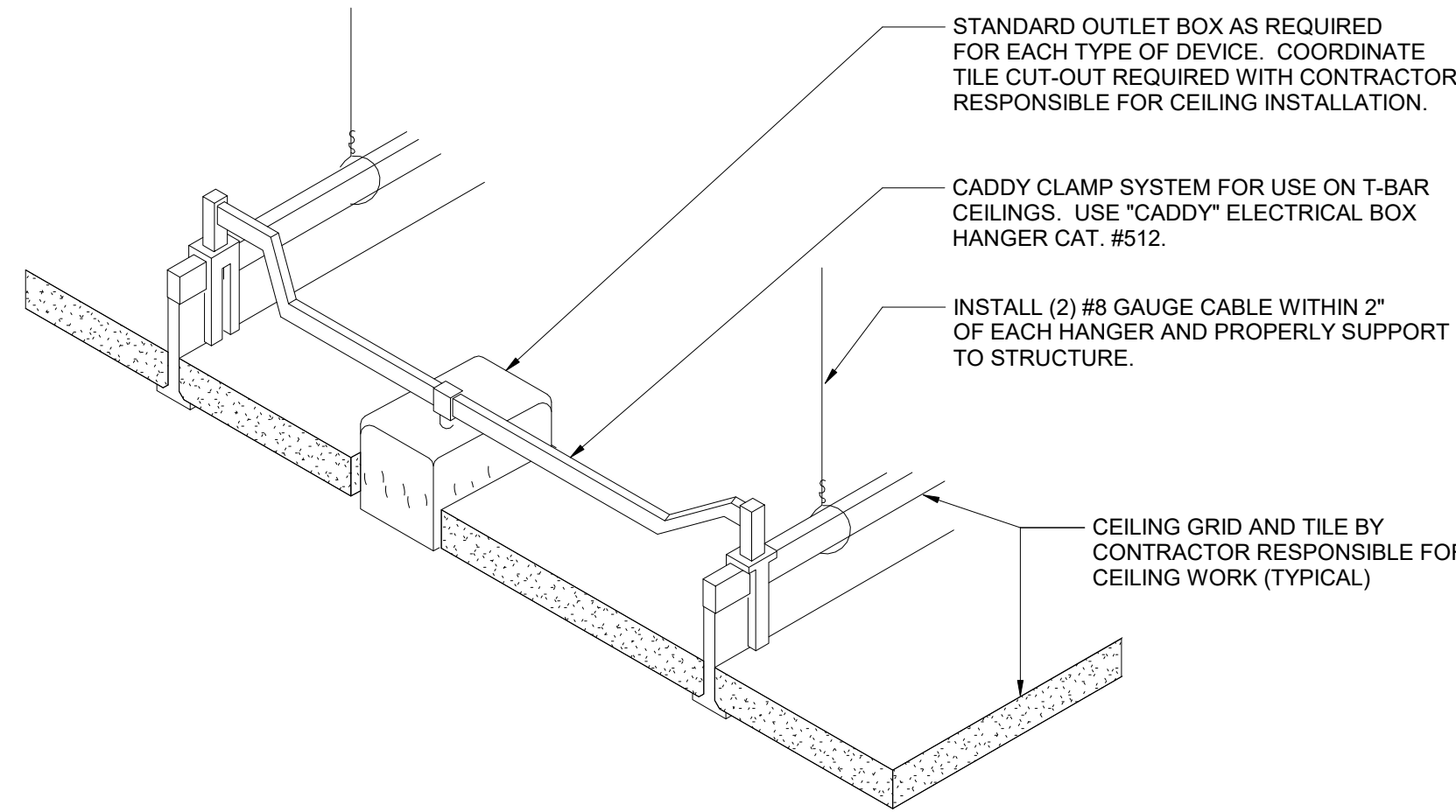
- NOTES:
A. PAINT ALL SURFACE RACEWAY AND BOXES TO MATCH EXISTING SURFACES. (WHERE APPLICABLE).
B. PROVIDE RELAYS WHERE TWO OR MORE CIRCUITS FEED LIGHTING IN SAME ROOM.
C. ADJUST SENSITIVITY OF EACH OCCUPANCY SENSOR TO DETECT HUMAN MOVEMENT BUT NOT HVAC EQUIPMENT. ADJUST TIME DELAY FOR OPTIMUM PERFORMANCE. 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.
E. REFER TO LIGHTING PLANS FOR LIGHTING SEQUENCES

1 Occupancy Sensor Wiring Diagram
NTS



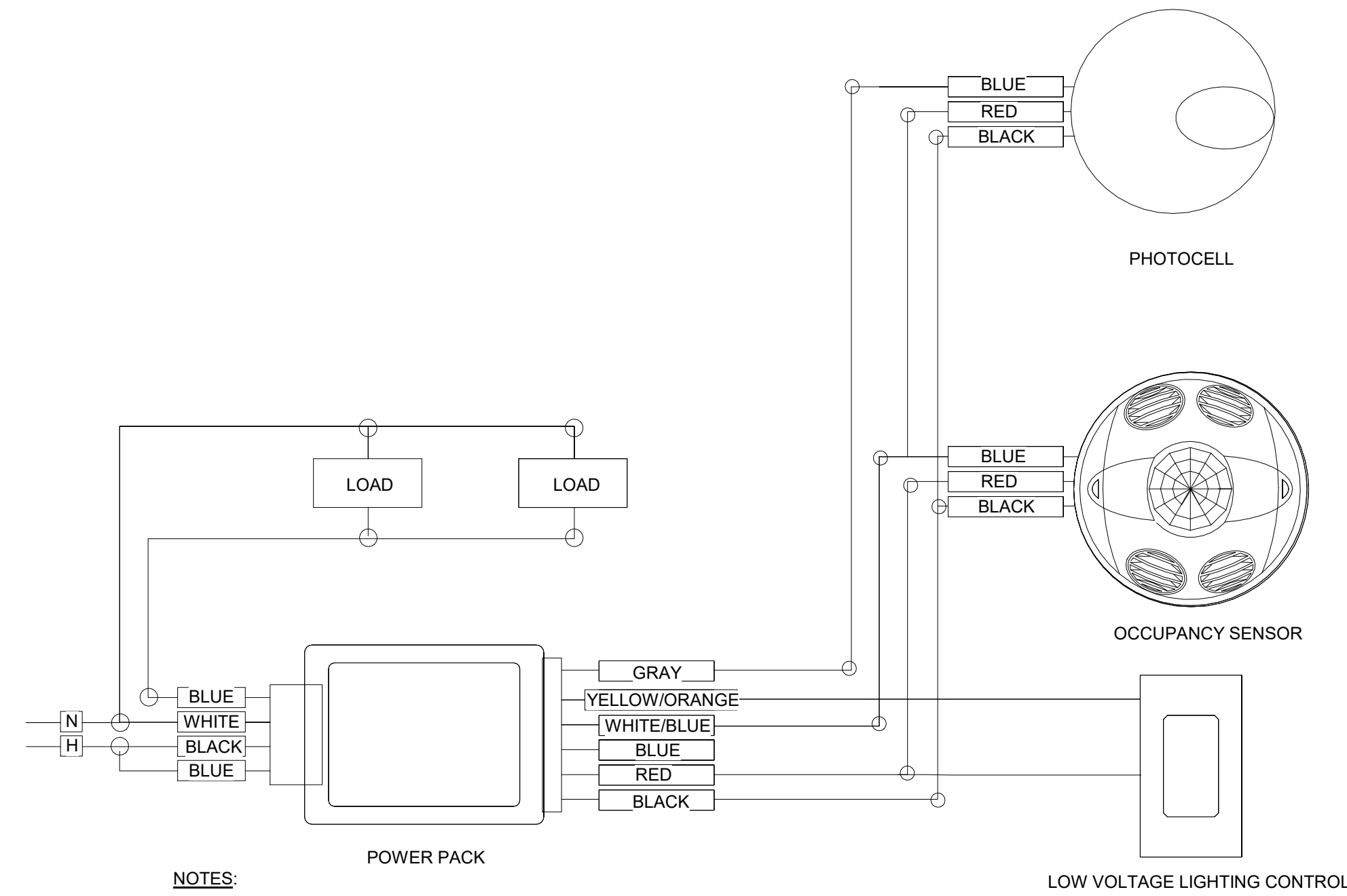
- NOTES:
1. INSTALL THE FOLLOWING EQUIPMENT, FURNISHED BY OTHERS:
- CONTROL STATION(S)
- ANNUNCIATOR(S)
2. PROVIDE A BRANCH CIRCUIT (INDICATED ON PLAN) TO SYSTEM OPERATOR VIA THE CONTROL STATION.
3. PROVIDE A 24 VDC CONNECTION FROM THE F.A.C.P. TO THE RELEASE DEVICE(S).
4. PROPERLY PROGRAM F.A.C.P. TO SIGNAL RELEASE DEVICE TO OPERATE WHEN A FIRE DETECTION APPLIANCE IN THE ADJOINING SPACES SERVED BY ROLLING FIRE DOOR(S) ARE INITIATED.
5. REFER TO PANEL SCHEDULES FOR FURTHER INFORMATION.

6 Fire Shutter Detail
12" = 1'-0"



- 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 Mounted Device Detail
NTS

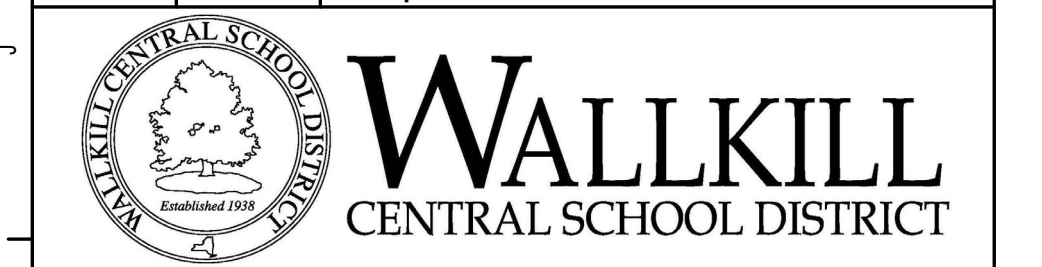


- NOTES:
A. PAINT ALL SURFACE RACEWAY AND BOXES TO MATCH EXISTING SURFACES. (WHERE APPLICABLE).
B. PROVIDE RELAYS WHERE TWO OR MORE CIRCUITS FEED LIGHTING IN SAME ROOM.
C. ADJUST SENSITIVITY OF EACH OCCUPANCY SENSOR TO DETECT HUMAN MOVEMENT BUT NOT HVAC EQUIPMENT. ADJUST TIME DELAY FOR OPTIMUM PERFORMANCE. 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.
E. REFER TO LIGHTING PLANS FOR LIGHTING SEQUENCES

2 Daylight Responsive Controls Wiring Diagram
NTS

S.E.D. Control No. 62-18-01-06-0-003-014

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Wallkill Central School District
Wallkill, New York

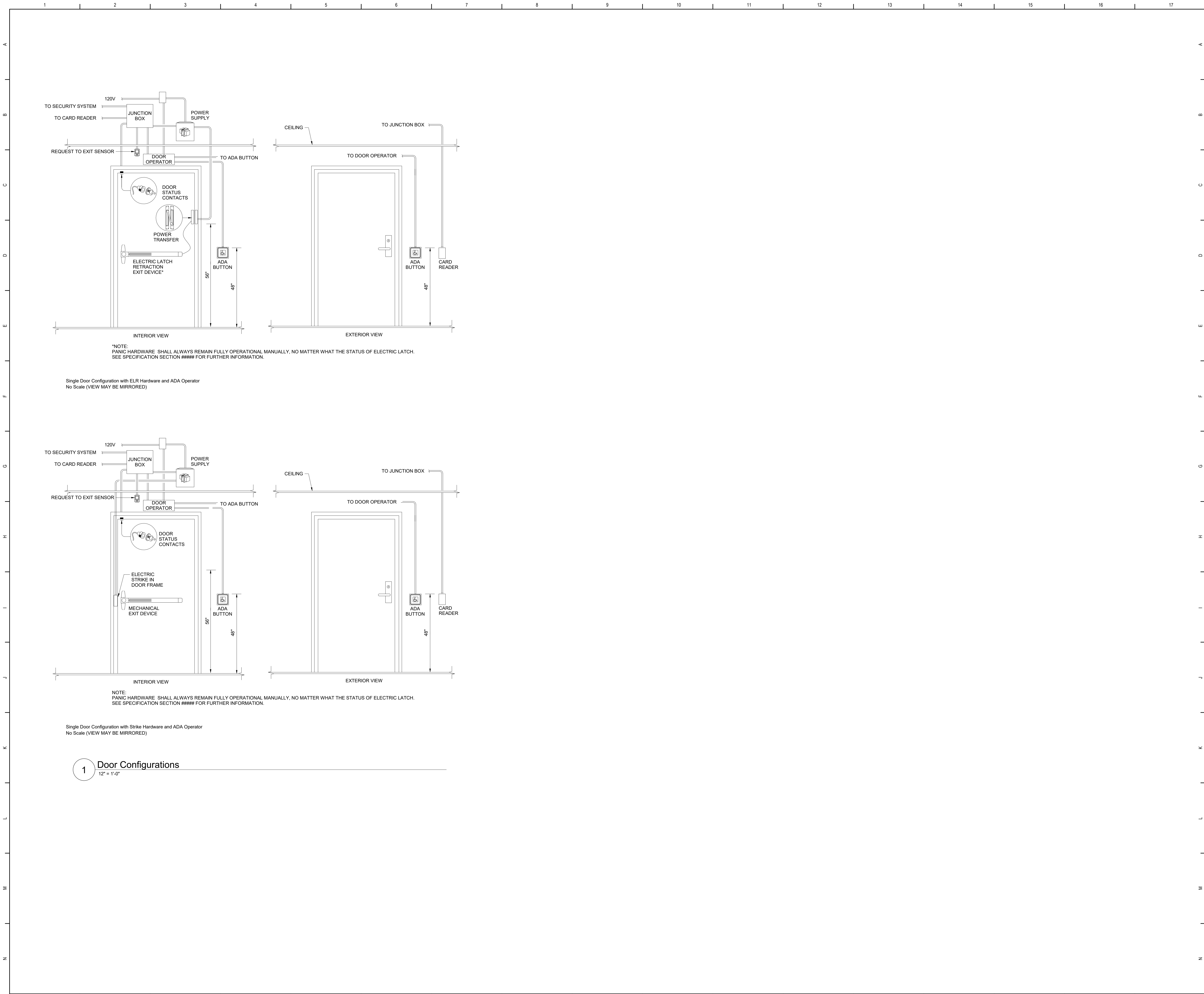
Reconstruction to:
Ostrander Elementary School

Details

Drawn By: CR	Date: 11/4/2022	Drawing Number:
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Project No.:
17597-22001

CE500



S.E.D. Control No. 62-18-01-06-0-003-014

Rev. No.:	Date:	Description:
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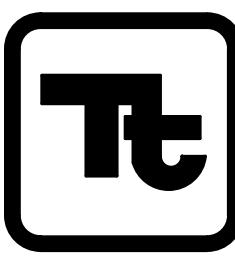


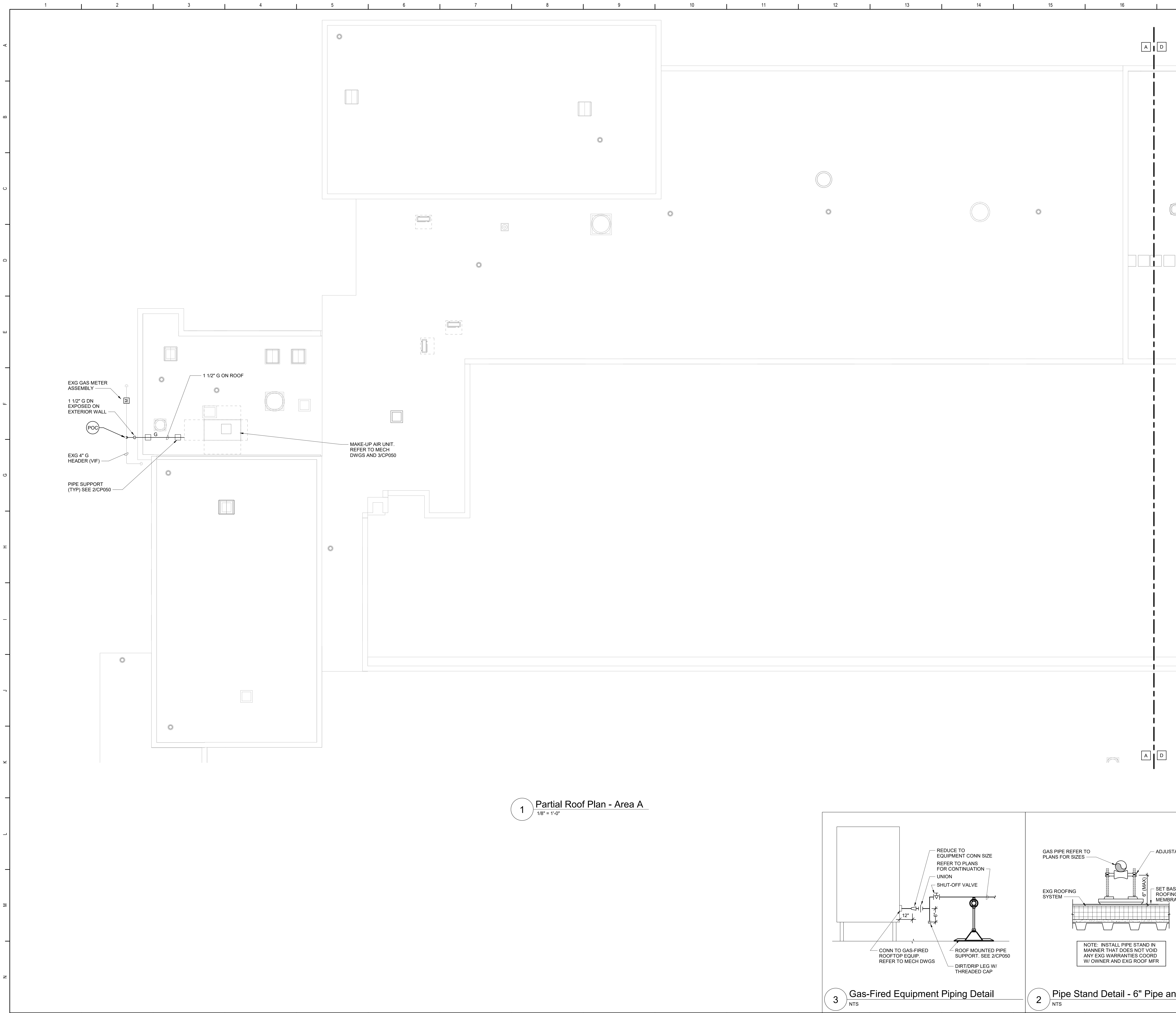
Wallkill Central School District
Wallkill, New York

Reconstruction to:
Ostrander Elementary School

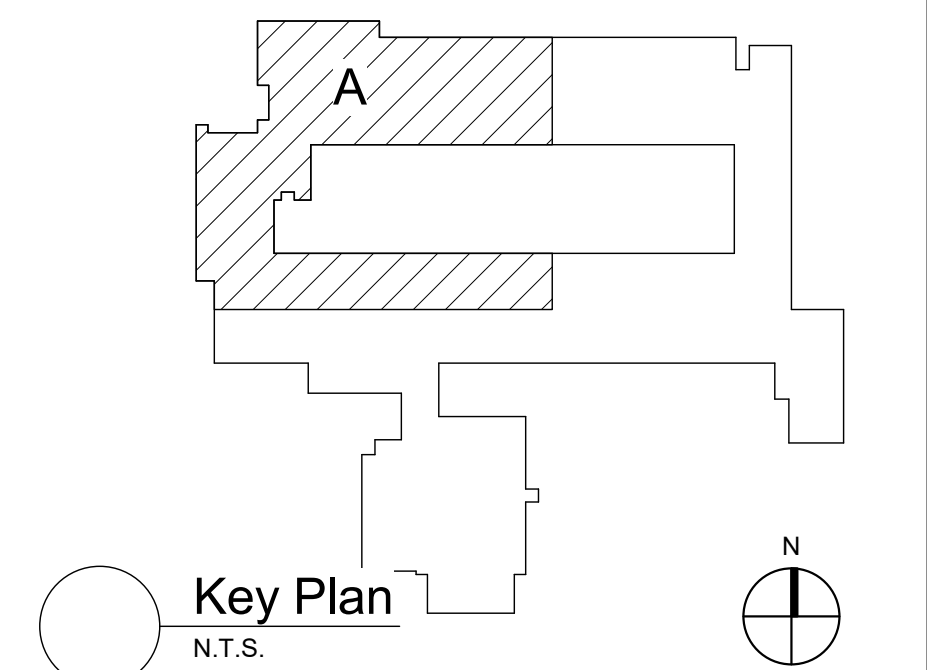
Details

Drawn By: GLK/ded	Date: 11/4/2022	Drawing Number:
Project No.: 17597-22001	CE501	

S.E.D. Control No. 62-18-01-06-0-003-014		
Rev. No.:	Date:	Description:
 <div> <h1>WALLKILL</h1> <p>CENTRAL SCHOOL DISTRICT</p> </div>		
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Tetra Tech Engineers, Architects & Landscape Architects, P.C.		
 <div> <h2>TETRA TECH</h2> <p>ARCHITECTS & ENGINEERS</p> </div>		
Wallkill Central School District Wallkill, New York		
Reconstruction to: Ostrander Elementary School		
Schedules		
Drawn By: CR	Date: 11/4/2022	Drawing Number: <div>CE600</div>
Project No.: 17597-22001		



- 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. MATERIALS FOR PLUMBING INSTALLATION SHALL BE NEW, UNLESS SPECIFICALLY NOTED OTHERWISE.



S.E.D. Control No. 62-18-01-06-0-003-014

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BID SET



Walkkill Central School District
Walkill, New York

Reconstruction to:
Ostrander Elementary School

Partial Roof Plan - Area A and Details

Drawn By: BCL	Date: 11/4/2022	Drawing Number:
Project No.: 17597-22001	CP050	

