

OSSINING UNION FREE SCHOOL DISTRICT

OSSINING HIGH SCHOOL

LIBRARY RENOVATIONS

SED#: 66-14-01-03-0-003-043

OWNER

OSSINING UNION FREE SCHOOL DISTRICT
 400 EXECUTIVE BOULEVARD
 OSSINING, NEW YORK 10562
 PHONE: 914-941-7700

ARCHITECT / ENGINEER

CPL
 50 FRONT STREET, SUITE 202
 NEWBURGH, NEW YORK 12550
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CPL | Architecture Engineering Planning
 50 Front St. Suite 202
 Newburgh, NY 12550
 CPLearn.com

PROJECT INFORMATION

Project Number
 14428.1B
 Client Name
OSSINING UNION FREE SCHOOL DISTRICT
 Project Name
2021-2022 CIP

District Office Address
 400 EXECUTIVE BLVD OSSINING, NY 10562

Multiple Building Names

2021-2022 CIP
 2021-2022 CIP
 OSSINING HS SED# 66-14-01-03-0-003-043

PROJECT ISSUE & REVISION SCHEDULE

No. Date Description

NEW YORK STATE EDUCATION DEPARTMENT
 IS A DIVISION OF THE NEW YORK STATE EDUCATION LAW AND THE
 COMMISSIONERS REGULATIONS FOR ANY PERSON WHOSE ACTING UNDER
 THE SUPERVISION OF A REGISTERED ARCHITECT ENGINEER OR LAND SURVEYOR TO
 ASSIST IN ANY WAY, IF AN FIDELITY BOND IS REQUIRED BY THE ARCHITECT,
 ENGINEER OR SURVEYOR IN CONNECTION WITH THE PERFORMANCE OF HIS
 PROFESSIONAL SERVICES AND THE WORKMAN IS FOLLOWED BY THE
 REGISTER AND THE BOARD OF ARCHITECTURE, ENGINEERING AND SURVEYING
 DESCRIBED IN THE ALTERATION.

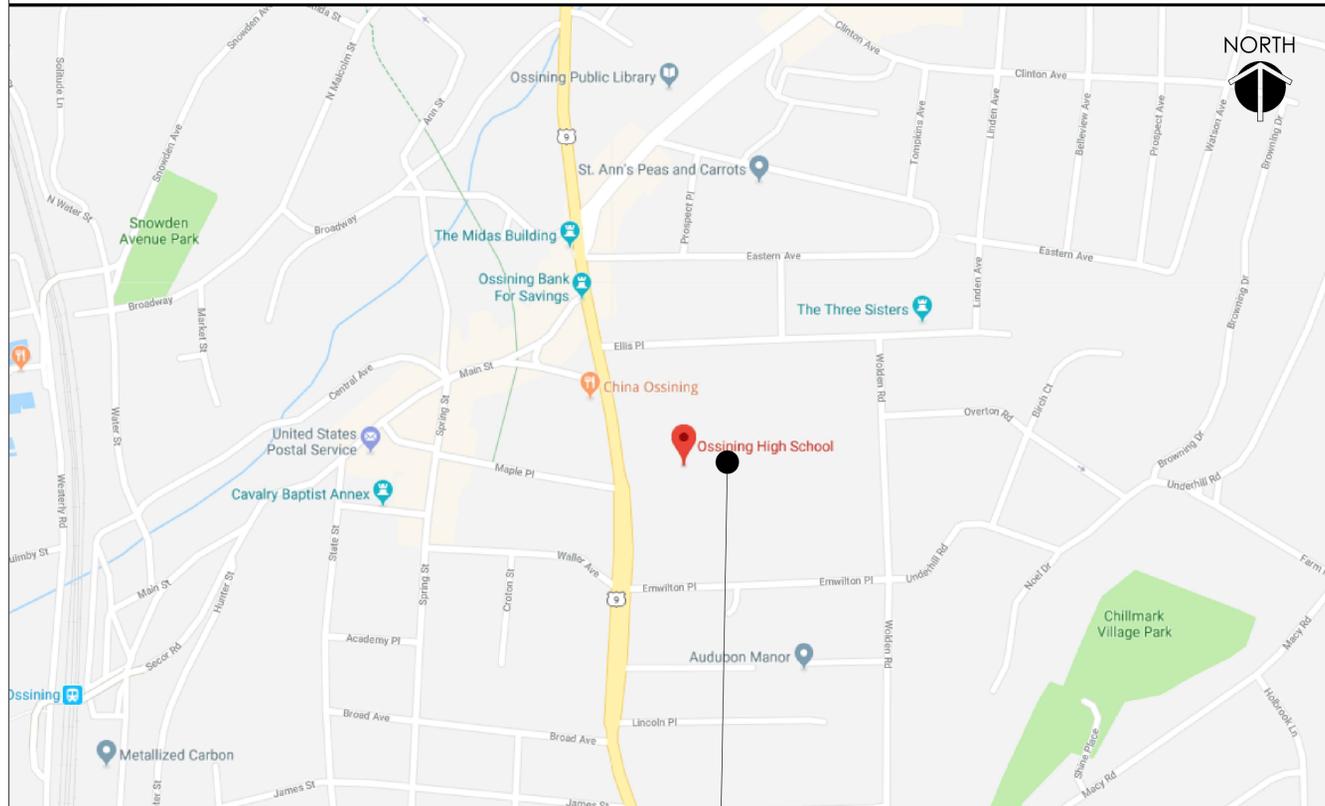
SHEET INFORMATION

Issued
 11/15/2021 Scale
 AS INDICATED
 Project Status

 Drawn By
 AW Checked By
 BP
 Drawing Title
TITLE SHEET

Drawing Number
**OHS
 T001**

LOCATION MAP



OSSINING HIGH SCHOOL
 29 SOUTH HIGHLAND AVENUE, OSSINING, NY 10562

GENERAL NOTES

THE DESIGN OF THIS PROJECT CONFORMS TO ALL APPLICABLE PROVISIONS OF 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.

DRAWINGS LIST

GENERAL:

T001 TITLE SHEET

ARCHITECTURAL:

A101 DEMOLITION PLAN
 A102 EXISTING DETAILS
 A201 NEW WORK PLAN & ELEVATION
 A202 NEW WORK DETAILS
 A601 REFLECTED CEILING PLAN & DETAIL
 A901 DOOR SCHEDULE, DOOR TYPE & DOOR FRAME TYPE

HVAC:

H000 HVAC SYMBOLS LIST
 H101 LIBRARY GROUND FLOOR DEMOLITION PLAN
 H201 LIBRARY GROUND FLOOR NEW PLAN

ELECTRICAL:

E000 ELECTRICAL LEGEND AND NOTES
 E100 LIBRARY- ELECTRICAL DEMOLITION PLAN
 E200 LIBRARY- POWER & SYSTEMS PLAN
 E300 LIBRARY- POWER PLAN

Plotted By: Aulin H West

Date last plotted: 1/13/2023 2:20 PM

Date last accessed: 3/14/2022 11:05 AM

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PROJECT INFORMATION

Project Number
14428.1B
Client Name

OSSINING UNION FREE SCHOOL DISTRICT
Project Name
2021-2022 CIP

District Office Address
400 EXECUTIVE BLVD OSSINING, NY 10562

Multiple Building Names

- JAMES M. DONNER HS SED# 66-1401-030-008-028
- ROOSEVELT HS SED# 66-1401-03-005-022
- OSSINING HS SED# 66-1401-030-003-043

PROJECT ISSUE & REVISION SCHEDULE

No. Date Description

Plotted By: Aulifh H West

Date last accessed: 8/11/2022 4:21 PM

Date last accessed: 8/11/2022 4:21 PM

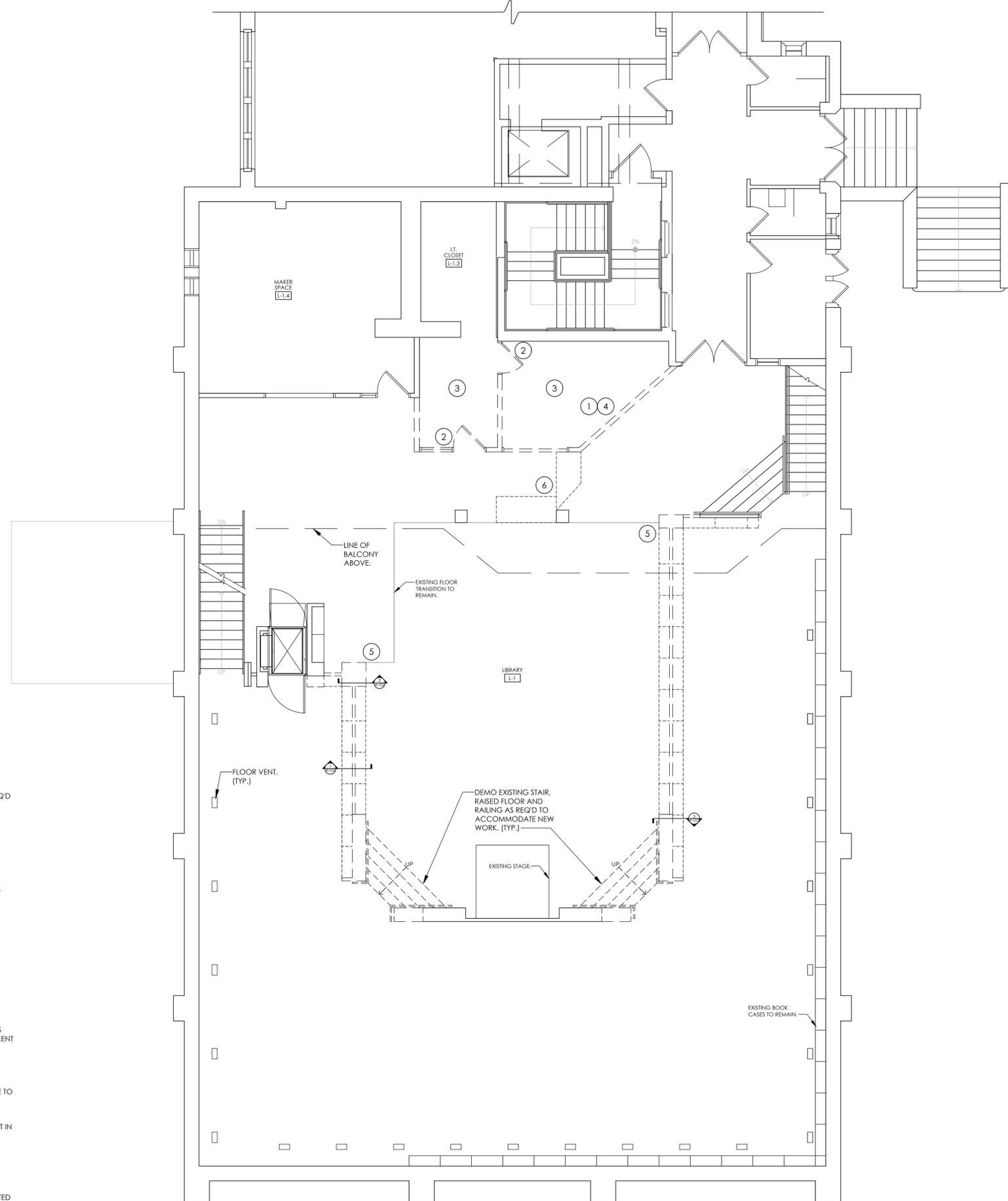
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Drawing Name: S:\Projects\Ossining\USD\2021-2022\CIP\A101.dwg
Drawing Name: S:\Projects\Ossining\USD\2021-2022\CIP\A101.dwg

DEMOLITION KEYNOTES:

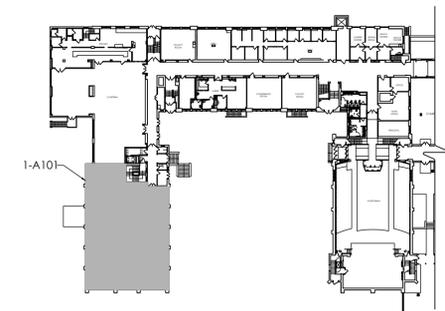
- 1 REMOVE EXISTING CARPET & ADHESIVE COMPLETE TO STRUCTURAL FLOOR SLAB AS REQ'D FOR INSTALLATION OF NEW WORK.
- 2 REMOVE EXISTING DOOR, DOOR HARDWARE & FRAME COMPLETE AS REQ'D FOR INSTALLATION OF NEW WORK.
- 3 REMOVE EXISTING CEILING AS REQ'D FOR INSTALLATION OF NEW WORK.
- 4 REMOVE EXISTING WALL CONSTRUCTION & PATCH/REPAIR FLOOR, WALL & CEILING AS NEEDED TO ACCOMMODATE NEW WORK.
- 5 REMOVE EXISTING BOOK CASES AND WALL CONSTRUCTION TO ACCOMMODATE NEW WORK.
- 6 REMOVE EXISTING CIRCULATION DESK.

GENERAL DEMOLITION NOTES:

1. REFER TO MECHANICAL & ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION. COORDINATE REMOVALS WITH ALL OTHER CONTRACTS.
2. MAINTAIN INTEGRITY OF ITEMS THAT ARE TO REMAIN. PATCH ALL REMAINING SURFACES DISTURBED BY DEMOLITION AND/OR NEW CONSTRUCTION TO MATCH EXISTING ADJACENT SURFACES.
3. COORDINATE EXTENT OF SELECTIVE DEMOLITION WITH NEW WORK.
4. PROVIDE TEMPORARY SHORING & BRACING AS REQ'D PRIOR TO COMMENCING DEMOLITION. DO NOT DAMAGE OR DISTURB EXISTING STRUCTURAL ELEMENTS THAT ARE TO REMAIN. WHERE WALLS ARE TO BE REMOVED, DO NOT REMOVE EXISTING COLUMNS, UNLESS NOTED OTHERWISE.
5. REMOVE ALL CASEWORK, BOARDS, ACCESSORIES, PROJECTION SCREENS & ITEMS BUILT IN OR LOCATED ON WALLS SHOWN TO BE DEMOLISHED OR AS REQ'D BY NEW CONSTRUCTION.
6. PRIOR TO START OF PROJECT, OWNER SHALL REMOVE LOOSE EQUIPMENT SUCH AS FURNITURE, DESKS, CHAIRS, SHELVING, WINDOW AIR CONDITIONERS, ETC., U.N.O. FURNITURE & REMAINING EQUIPMENT REMAINING SHALL BE COVERED & PROTECTED.
7. DEMOLITION TO INCLUDE COMPLETE REMOVAL OF ALL FASTENERS, ADHESIVES & RELATED ITEMS COMPLETELY DOWN TO SUBSTRATE. PATCH SUBSTRATE AS REQ'D FOR NEW FINISHES. PATCH ALL REMAINING SURFACES DISTURBED BY DEMOLITION AND/OR NEW CONSTRUCTION TO BLEND WITH & MATCH EXISTING ADJACENT SURFACES, OR PROVIDE NEW CONSTRUCTION AS SHOWN.



1 FLOOR PLAN
A101 SCALE: 3/16" = 1'-0"



KEY PLAN

NEW YORK STATE EDUCATION DEPARTMENT
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COMMISSIONERS REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER
THE SUPERVISION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR TO
USE ANY SEAL OR ANY SEAL OF AN ARCHITECT,
ENGINEER OR LAND SURVEYOR IN ANY MANNER THAT APPEARS TO BE
THEIR SEAL AND THE WORDS "ALTERED" FOLLOWED BY THEIR
SIGNATURE AND THE DATE OF SUCH ALTERATION AND A SHORT
DESCRIPTION OF THE ALTERATION.

SHEET INFORMATION

Issued 11/15/2021 Scale AS INDICATED

Project Status

Drawn By AW Checked By BP

Drawing Title

DEMOLITION PLAN

Drawing Number
**OHS
A101**

GENERAL NOTE:

Contractor to field verify ALL dimensions and notify architect of any discrepancies prior to construction.

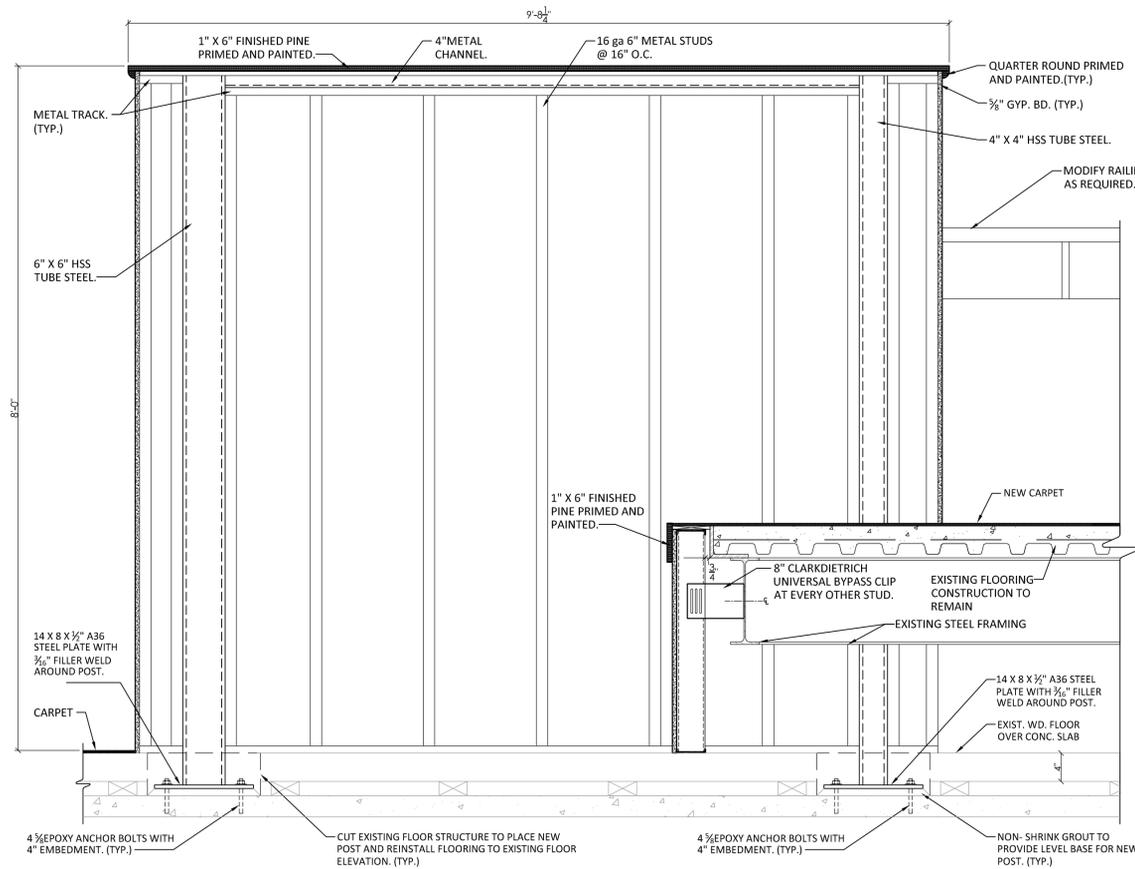
NEW WALL CONSTRUCTION

DESIGN CRITERIA NOTES

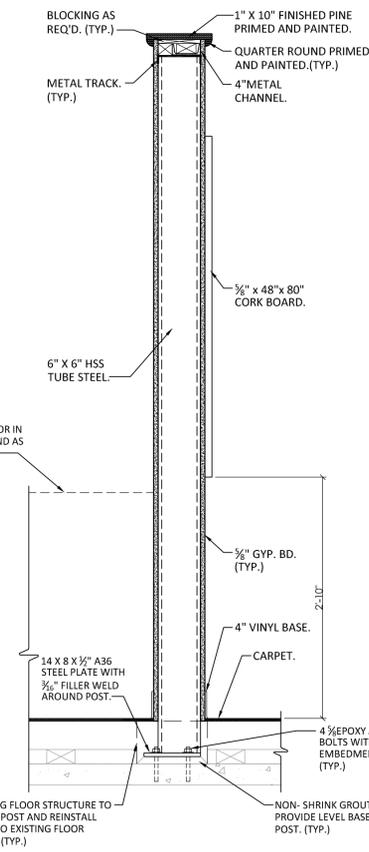
- GENERAL BUILDING CODE**
THE CONSTRUCTION DOCUMENTS ARE BASED ON THE REQUIREMENTS OF THE 2020 BUILDING CODE OF NEW YORK STATE.
- RISK CATEGORY OF BUILDING AND OTHER STRUCTURES**
THE BUILDING HAS BEEN ASSIGNED AN RISK CATEGORY IN ACCORDANCE WITH PREVIOUSLY MENTIONED BUILDING CODE WITH THE FOLLOWING CRITERIA:
A. RISK CATEGORY: III, GROUP E OCCUPANCY WITH OCCUPANT LOAD GREATER THAN 250
- DEAD AND LIVE LOADS**
A. THE DEAD LOADS ARE THE SELF WEIGHT OF MATERIALS OF CONSTRUCTION INCORPORATED INTO AND ON THE BUILDING.
B. THE UNFORMALLY DISTRIBUTED AND/OR CONCENTRATED LIVE LOADS USED IN THE DESIGN OF THE BUILDING ARE BASED ON THE FOLLOWING INTENDED USE OR OCCUPANCIES:
a. CORRIDORS: 100 POUNDS PER SQUARE FOOT (PSF)
b. CORRIDORS ABOVE FIRST FLOOR: 80 PSF
c. STAIRS AND EXITS: 100 PSF / 300 LB ON TREADS, 4 SQUARE INCH AREA
d. LOBBIES: 100 PSF
e. STORAGE, LIGHT: 125 PSF
f. CLASSROOM: 40 PSF
g. ROOFS: 20 PSF / 300 LB ON MAINTENANCE SURFACE
h. STACK ROOMS, LIBRARY: 150 PSF
i. PARTITION LOADS: 15 PSF, WHERE APPLICABLE
- ROOF SNOW LOAD DATA**
SNOW LOADS ARE BASED ON CHAPTER 7 OF THE AMERICAN SOCIETY OF CIVIL ENGINEERS, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, ASCE 7 AND THE FOLLOWING CRITERIA:
A. GROUND SNOW LOAD (Pg): 30 PSF
B. FLAT-ROOF SNOW LOAD (Pi): 23.1 PSF
C. SNOW EXPOSURE FACTOR (Ce): 1.0
D. SNOW LOAD IMPORTANCE FACTOR (Is): 1.10
E. THERMAL FACTOR (Ct): 1.0
F. DRIFT SURCHARGE LOADS (Pd): N/A
G. WIDTH OF SNOW DRIFTS (w): N/A
- WIND DESIGN DATA**
WIND PRESSURES ARE BASED ON CHAPTER 26 OF THE AMERICAN SOCIETY OF CIVIL ENGINEERS, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, ASCE 7 AND THE FOLLOWING CRITERIA:
A. BASIC DESIGN WIND SPEED (V): 125 MPH (3 SECOND GUST)
B. NOMINAL DESIGN WIND SPEED (Vasd): 97 MPH
C. RISK CATEGORY: III
D. WIND EXPOSURE CATEGORY: 1.0
E. INTERNAL PRESSURE COEFFICIENT (GCPI): +0.18/-0.18
F. COMPONENTS AND CLADDING: +/- 31.8 PSF FOR 10 SF EFFECTIVE AREA
- SEISMIC DESIGN DATA**
THE STRUCTURE AND COMPONENTS OF THE BUILDING HAVE BEEN DESIGNED IN ACCORDANCE WITH THE PREVIOUSLY MENTIONED BUILDING CODE WITH THE FOLLOWING CRITERIA:
A. RISK CATEGORY: III
B. SEISMIC IMPORTANCE FACTOR, Ie: 1.25
C. 0.2 SEC. MAPPED SPECTRAL ACCELERATION (Ss): 0.258 g
D. 1 SEC. MAPPED SPECTRAL ACCELERATION (S1): 0.071 g
E. SITE CLASS: D
F. 0.2 SEC SPECTRAL RESPONSE COEFF. (SDS): 0.241 g
G. 1 SEC SPECTRAL RESPONSE COEFF. (SD1): 0.114 g
H. SEISMIC DESIGN CATEGORY: B
I. BASIC SEISMIC-FORCE RESISTING SYSTEM: STEEL SYSTEM NOT DESIGN FOR SEISMIC
J. DESIGN SEISMIC BASE SHEAR (Kips): 1.0
K. SEISMIC RESPONSE COEFFICIENT, Cs: 0.151
L. RESPONSE MODIFICATION FACTOR, R: 3.0
M. ANALYTICAL PROCEDURE: EQUIVALENT LATERAL FORCE PROCEDURE (ELFP)
- SEISMIC DEMANDS ON NONSTRUCTURAL COMPONENTS**
SEISMIC DEMAND ON NONSTRUCTURAL COMPONENTS AND CONNECTIONS OF THOSE COMPONENTS TO THE PRIMARY STRUCTURE SHALL BE DESIGNED IN ACCORDANCE WITH THE PREVIOUSLY MENTIONED BUILDING CODE, THE GENERAL SEISMIC CRITERIA LISTED ABOVE, AND THE REQUIREMENTS OF ASCE 7, CHAPTER 13 AS APPROPRIATE.
- GEOTECHNICAL INFORMATION**
THE STRUCTURE HAS BEEN DESIGNED BASED ON THE FOLLOWING ASSUMED CRITERIA:
A. ALLOWABLE BEARING: 2,000 PSF
B. SUBGRADE MODULUS: 75 PCI
- RAIN LOADS**
2.9 IN/HR - 100 YEAR HOURLY
- HANDRAILS AND GUARDS**
THE HANDRAIL ASSEMBLIES AND GUARDS SHALL BE DESIGNED FOR 50 PLF OR A CONCENTRATED LOAD OF 200 POUNDS AT ANY POINT APPLIED IN ANY DIRECTION AT THE TOP AND TO TRANSFER THIS LOAD THROUGH THE SUPPORTS TO THE STRUCTURE. THESE LOADS NEED NOT BE ASSUMED TO ACT CONCURRENTLY.

STRUCTURAL STEEL NOTES

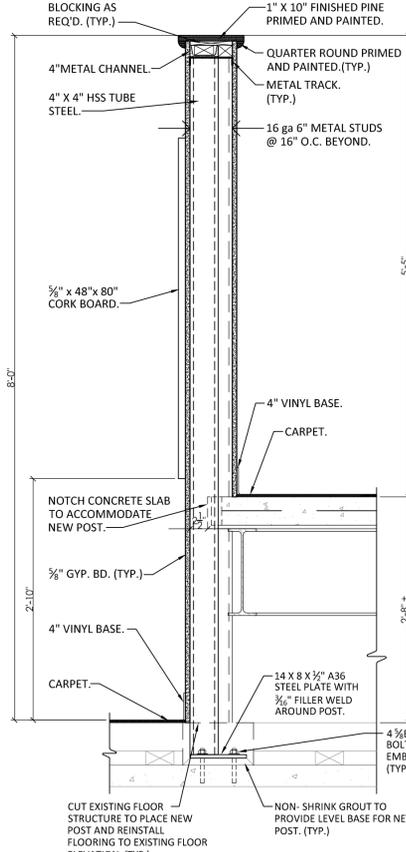
- STRUCTURAL STEEL SHALL CONFORM TO THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION "SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS," HOT ROLLED STRUCTURAL STEEL SHAPES SHALL CONFORM TO ASTM A36 OR ASTM A572 GRADE 50. HOLLOW STRUCTURAL SHAPES (HSS) SHALL CONFORM TO ASTM A500 GRADE B. ANGLES, CHANNELS, AND OTHER MISCELLANEOUS METALS SHALL CONFORM TO ASTM A36.
- STEEL CONNECTIONS ARE SHOWN SCHEMATICALLY. FABRICATOR IS RESPONSIBLE FOR DESIGN AND DETAILING OF CONNECTIONS, INCLUDING MATERIAL GRADE AND SIZES, WELD SIZES, AND NUMBER OF BOLTS. ADDITIONAL CONNECTION ELEMENTS MAY NOT BE SPECIFICALLY SHOWN ON THE SCHEMATIC DETAILS BUT MAY BE REQUIRED BY THE FINAL CONNECTION DESIGN, SUCH AS STIFFENER PLATES, DOUBLER PLATES, SUPPLEMENT / REINFORCING PLATES OR OTHER CONNECTION MATERIAL.
- ALL CONNECTIONS NOT SPECIFICALLY DETAILED ON THE DRAWINGS SHALL BE EITHER WELDED CONNECTIONS, OR BOLTED CONNECTIONS USING ASTM A325X BOLTS.
- CUTS, HOLES, COPIES, ETC., REQUIRED FOR WORK OF OTHER TRADES SHALL BE SHOWN ON SHOP DRAWINGS AND MADE IN THE SHOP. FIELD CUTTING OR BURNING WILL NOT BE PERMITTED.
- ALL WELDING BOTH SHOP AND FIELD, SHALL BE PERFORMED BY CERTIFIED WELDERS IN ACCORDANCE WITH AWS SPECIFICATIONS. WELDING ELECTRODES SHALL CONFORM TO ASTM A233, E70-XX. MINIMUM WELD SIZE SHALL BE 1/4 INCHES (FILLET) UNLESS OTHERWISE NOTED. WELDED CONNECTIONS SHALL BE DESIGNED TO BE STRESSED TO LESS THAN 50% OF THEIR ALLOWABLE CAPACITIES.
- STRUCTURAL STEEL SHALL RECEIVE A SHOP COAT OF RUST INHIBITING PAINT EXCEPT AS FOLLOWS:
A. CONTACT MILLED BEARING SURFACES
B. WITHIN TWO INCHES OF FIELD WELDS.
- AFTER ERECTION, ALL DAMAGED AREAS IN THE SHOP COAT SHALL BE REPAIRED WITH THE SAME PAINT USED FOR THE SHOP COAT.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW.



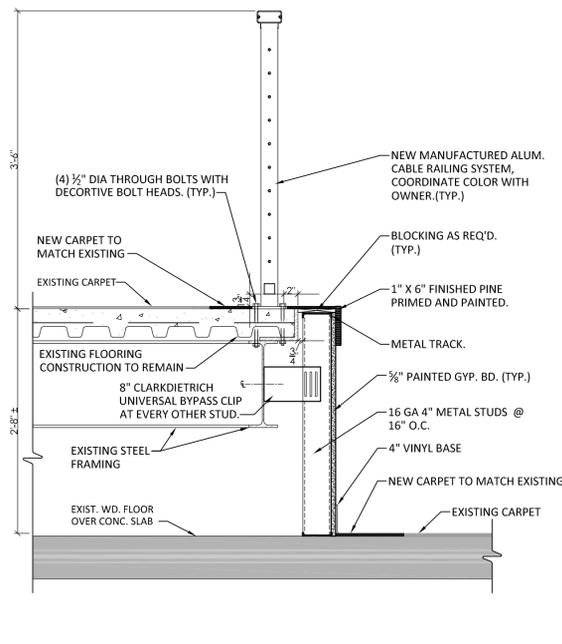
1 SECTION THROUGH DISPLAY WALL
SCALE: 1" = 1'-0"



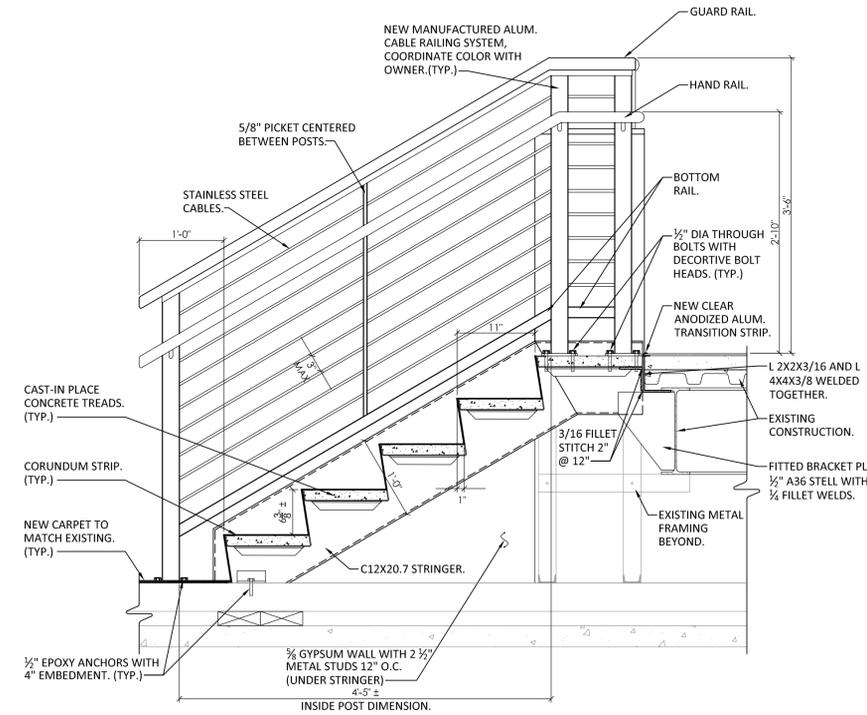
3 DISPLAY WALL SECTION
SCALE: 1" = 1'-0"



4 DISPLAY WALL SECTION
SCALE: 1" = 1'-0"



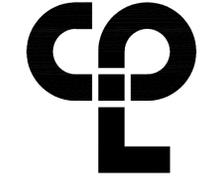
5 RAILING SECTION
SCALE: 1" = 1'-0"



2 DETAIL AT NEW STAIR
SCALE: 1" = 1'-0"

COLD-FORMED STEEL FRAMING

- ALL COLD FORMED STEEL FRAMING MEMBERS, THEIR DESIGN, FABRICATION AND ERECTION SHALL CONFORM TO THE "NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS" OF THE AMERICAN IRON AND STEEL INSTITUTE (AISI), AND "NORTH AMERICAN STANDARD FOR COLD-FORMED STEEL FRAMING - GENERAL PROVISIONS".
- STUD AND TRACK PROFILES SHALL BE STANDARD SECTIONS USED BY MEMBERS OF THE STEEL STUD MANUFACTURERS ASSOCIATION (SSMA).
- COLD-FORMED METAL FRAMING MEMBERS SHALL CONFORM TO ASTM C 955 WITH A MINIMUM YIELD STRENGTH OF 33 KSI FOR 43 MIL (18 GAUGE) AND THINNER MEMBERS, AND 50 KSI FOR ALL OTHERS.
- ALL COLD-FORMED METAL FRAMING MEMBERS SHALL BE FORMED OF CORROSION-RESISTANT STEEL, G-60 (G-90 AT EXTERIOR APPLICATIONS) CONFORMING TO ASTM A 653 AND ASTM C 955.
- MEMBERS SHALL BE MANUFACTURER'S STANDARD "C" SHAPED STUDS/JOISTS OF THE SIZE, FLANGE WIDTH AND GAUGE INDICATED. ALL MEMBERS SHALL HAVE A MINIMUM FLANGE LIP RETURN OF 1/2" AND SATISFY THE MINIMUM PROPERTIES AS PER THE STEEL STUD MANUFACTURERS ASSOCIATION (SSMA).
- THE GAUGE OF ALL TRACKS SHALL BE NO LIGHTER THAN THE FRAMING BEING CONNECTED. CONNECT TRACKS TO CONCRETE WITH 0.145" DIA. POWER DRIVEN FASTENERS (WITH 1.25" EMBEDMENT) AT 16" ON CENTER.
- ALL WELDING SHALL BE IN CONFORMANCE WITH AMERICAN WELDING SOCIETY SPECIFICATION D1.3. ALL WELDS SHALL BE TOUCHED UP WITH ZINC RICH PAINT.
- ALL STRUCTURAL MEMBERS SHALL BE PROPERLY CONNECTED TO EACH OTHER AND TO THE SUPPORTING BACK-UP FRAMING. FASTENERS SHALL BE MADE WITH SELF TAPPING SCREWS OR WELDS OF SUFFICIENT SIZE TO INSURE THE CONNECTION STRENGTH. NOTE: FOR UL ASSEMBLY CW-S-1019, SLIDE CLIPS CONNECTING EXTERIOR STUDS TO SUPPORTED FLOORS ARE TO BE WELDED TO THE POUR STOP AS SHOWN IN THE SECTIONS. POWER DRIVEN FASTENERS MAY BE USED FOR THE INITIAL CLIP PLACEMENT ONLY.
- PROVIDE BRIDGING FOR STUDS, JOISTS AND RAFTERS AT MID SPAN AND AT A MAXIMUM SPACING NOT TO EXCEED 4'-0". ALL BRIDGING SHALL BE INSTALLED PRIOR TO THE ADDITION OF ANY LOADING. CONNECT BRIDGING TO EACH MEMBER BY WELDING, CLIP ANGLES OR OTHER APPROVED METHOD PER THE MANUFACTURER'S REQUIREMENTS.
- PROVIDE WEB STIFFENERS AT JOIST AND RAFTER BEARINGS IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS.
- ALL AXIALLY LOADED STUDS SHALL HAVE FULL BEARING AGAINST THE INSIDE TRACK WEB, PRIOR TO STUD AND TRACK ALIGNMENT. SPLICES IN AXIALLY LOADED STUDS ARE NOT PERMITTED.
- PROVIDE THE MANUFACTURER'S STANDARD TRACK, CLIP ANGLES, BRACING, REINFORCEMENTS, FASTENERS AND ACCESSORIES AS RECOMMENDED BY THE MANUFACTURER FOR THE APPLICATION INDICATED AND AS NEEDED TO PROVIDE A COMPLETE FRAMING SYSTEM. UNLESS OTHERWISE NOTED, INSTALL THE METAL FRAMING SYSTEM IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS AND RECOMMENDATIONS.
- THE CONTRACTOR SHALL SUBMIT THE FOLLOWING FOR APPROVAL:
A. MANUFACTURER'S PRODUCT DATA AND LATEST TECHNICAL DATA.
B. ERECTION DRAWINGS SHOWING THE NUMBER, TYPE, LOCATION AND SPACING OF ALL MEMBERS. ALL CONNECTIONS AND ATTACHMENTS SHALL BE CLEARLY SHOWN.
C. THE PROPERTIES OF ALL FRAMING MEMBERS THAT ARE USED IN LOAD BEARING APPLICATIONS, DEMONSTRATING CONFORMANCE WITH THE MINIMUM ACCEPTABLE PROPERTIES NOTED HEREIN.
D. STRUCTURAL CALCULATIONS FOR ALL CONNECTIONS & MEMBERS BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK
- UNLESS OTHERWISE NOTED, PROVIDE DOUBLE JACK STUDS AT ALL BEAM/HEADER BEARINGS.
- COLD-FORMED METAL FRAMING MEMBERS, HEADERS, AND CONNECTIONS SHOWN ON STRUCTURAL AND ARCHITECTURAL DRAWINGS ARE SCHEMATIC ONLY AND SHALL BE DESIGNED TO MEET PROJECT AND SPECIFICATION REQUIREMENTS. ANY MEMBER SIZES OR SPACINGS SHOWN SHALL BE CONSIDERED AS MINIMUMS.
- DO NOT SCREW OR WELD STUDS TO VERTICAL DEFLECTION TRACKS. DO NOT CONNECT SHEATHING TO VERTICAL DEFLECTION TRACKS AND PROVIDE GAP IN SHEATHING TO ACCOMMODATE VERTICAL DEFLECTION.



CPL | Architecture Engineering Planning
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Newburgh, NY 12550
CPLearn.com

PROJECT INFORMATION
Project Number: 1428.18
Client Name: OSSING UNION FREE SCHOOL DISTRICT
Project Name: 2021-2022 CIP

Client Office Address: 400 EXECUTIVE BLVD OSSING, NY 10562

Multiple Building Names
 2021-2022 CIP
 2023-2024 CIP
 2025-2026 CIP

PROJECT ISSUE & REVISION SCHEDULE
No. Date Description

SHEET INFORMATION
Issued: 11/15/2021
Scale: AS INDICATED
Project Status: BID SET
Drawn By: AW
Checked By: BP
Drawing Title: NEW WORK DETAILS

Drawing Number: OHS A202

Date last plotted: 1/18/2023 10:07 AM

Date last accessed: 1/13/2023 4:14 PM

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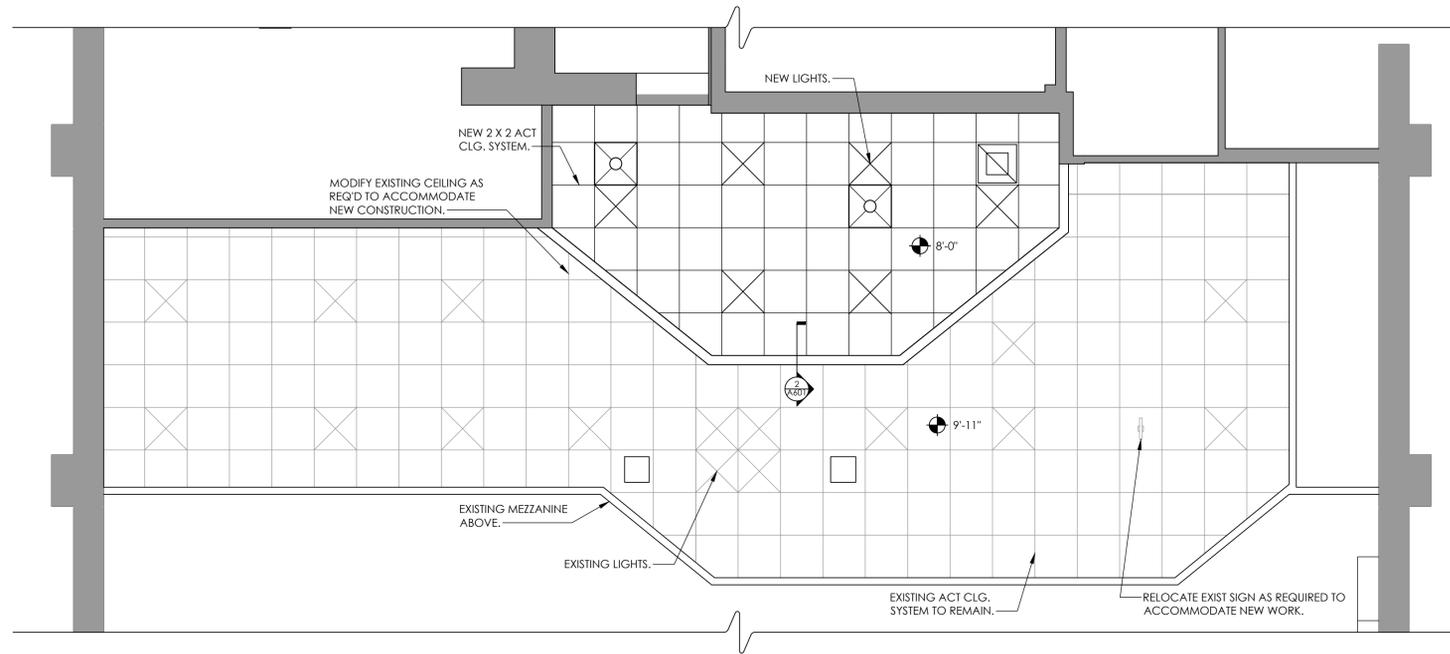
CPL | Architecture Engineering Planning
 50 Front St. Suite 202
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 CPLteam.com

GENERAL NOTE:

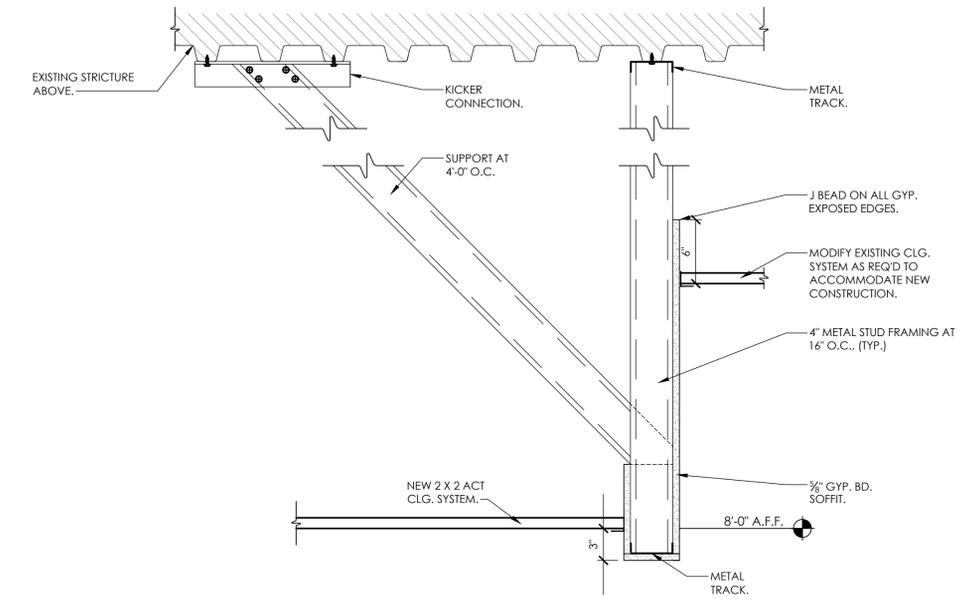
Contractor to field verify ALL dimensions and notify architect of any discrepancies prior to construction.

LEGEND

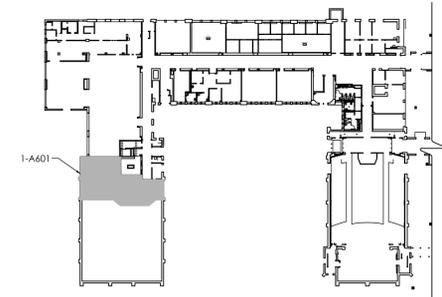
-  X-X" CEILING HEIGHT
-  ACT - ACOUSTICAL CEILING TILE
-  HVAC RETURN
-  HVAC DIFFUSER
-  SQUARE LIGHT FIXTURE



1 REFLECTED CEILING PLAN
 A601 SCALE: 1/4" = 1'-0"



2 DROP CEILING DETAIL
 A601 SCALE: 1 1/2" = 1'-0"



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District Office Address
400 EXECUTIVE BLVD OSSINING, NY 10562

Multiple Building Names
 14428.1B CORNER AS SHOWN 66-1401-03-003-028
 14428.1B BLDG 66-1401-03-005-022
 14428.1B BLDG 66-1401-03-003-043

PROJECT ISSUE & REVISION SCHEDULE

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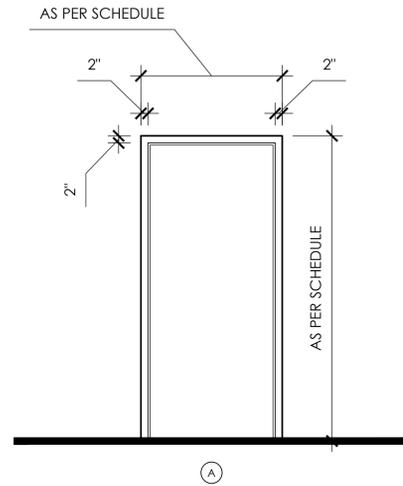
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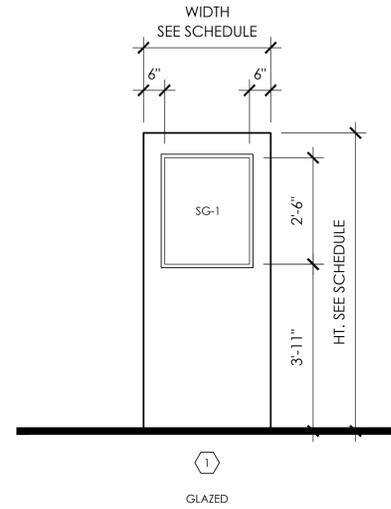
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Drawing Number
**OHS
A601**

Sheet Size: 24x36
 Drawing Name: S:\Projects\Ossining_UFSD\2021-2022_CIP\A601_Design\06_CAD\AutoCAD\ARCH\NA\A601_OHS_RCP.dwg
 Date last accessed: 9/15/2022 9:54 AM
 Date last plotted: 1/13/2023 2:22 PM
 Plotted By: Austin H West



1 DOOR FRAME TYPE
 A901 SCALE: N.T.S.



2 DOOR TYPES
 A901 SCALE: N.T.S.

DOORS														DOOR SCHEDULE					
DOOR NO.	NOMINAL SIZE			TYPE	MATERIAL / FINISH	UNDERCUT	FIRE RATING	OVERALL SIZE				FRAMES				HARDWARE SET NO.			
	WIDTH	HEIGHT	TH.					WIDTH	HEIGHT	DEPTH	TH.	TYPE	MATERIAL / FINISH	JAMB DETAIL	HEAD DETAIL		SILL DETAIL		
1/L-1.3	3'-0"	7'-0"	1 3/4"	1	WD/ST	-	-	3'-4"	7'-2"	6"	2"	A	HM/PT	-	-	-	SEE SPECS. (SECTION 08 71 00)		

LEGEND		NOTES:
WD	WOOD	1. SEE SPECIFICATION SECTION 088110 FOR GLAZING TYPES. 2. ALL SIZES SHOWN ARE APPROXIMATE. CONTRACTOR SHALL DETERMINE ACTUAL DIMENSIONS IN THE FIELD.
HM	HOLLOW METAL	
EX	EXISTING	
PT	PAINTED	
MFR	MANUFACTURER	
ALUM	ALUMINUM	
SIM	SIMILAR	
FRP	FIBERGLASS REINFORCED POLYESTER	
ST	STAINED AND POLYURETHANED	

GLASS TYPES	
SG-1	SAFETY GLAZING PER THE REGULATORY REQUIREMENTS OF 2020 NYSBC SECTION 2406 SAFETY GLAZING

PROJECT INFORMATION

Project Number
14428.18
 Client Name

OSSENING UNION FREE SCHOOL DISTRICT
 Project Name
 2021-2022 CIP

Project Address
 400 EXECUTIVE BLVD OSSENING, NY 10562

Multiple Building Names

- OSSENING UNION FREE SCHOOL DISTRICT 46-1401-03-003-028
- OSSENING HS SED# 46-1401-03-003-028
- OSSENING HS SED# 46-1401-03-003-043

PROJECT ISSUE & REVISION SCHEDULE

No. Date Description

NEW YORK STATE EDUCATION DEPARTMENT
 IS A DIVISION OF THE NEW YORK STATE EDUCATION AUTHORITY AND THE
 COMMISSIONERS REGULATE AND SUPERVISE ALL PERSONS WHOSE ACTING UNDER
 THE SUPERVISION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR TO
 ALSO ACT IN ANY WAY AS AN ENGINEER OR ARCHITECT.
 ENGINEER OR ARCHITECT LICENSE NO. AND SUPERVISOR'S SEAL SHALL APPEAR TO THE
 RIGHT THEREON AND THE WORDS "ALTERED" FOLLOWED BY THE
 REVISION AND THE DATE OF SUCH ALTERATION, AND A SHORT
 DESCRIPTION OF THE ALTERATION.

SHEET INFORMATION

Issued 11/15/2021 Scale AS INDICATED
 Project Status
 Drawn By AW Checked By BP
 Drawing Title

DOOR SCHEDULE, DOOR TYPE & FRAME TYPE

Drawing Number

OHS
 A901

HVAC SYMBOLS LIST

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
AAD	AUTOMATIC AIR DAMPER		CONNECTION - TOP		DOUBLE WALL LINED DUCT		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		ELECTRIC/PNEUMATIC SWITCH OR RELAY
ACC	AIR-COOLED CONDENSING UNIT		CONNECTION - BOTTOM		DUCT SECTION - SUPPLY		DUCT SECTION - RETURN/EXHAUST		PNEUMATIC/ELECTRIC SWITCH OR RELAY
AD	ACCESS DOOR		DIRECTION OF FLOW		DUCT SECTION - ROUND DUCT IN INCHES		DUCT SECTION - FLAT OVAL DUCT IN INCHES		CURRENT TRANSDUCER
AFF	ABOVE FINISHED FLOOR		REDUCER		ACOUSTIC THERMAL LINING		FLEXIBLE DUCTWORK		OPEN/CLOSED
AHU	AIR HANDLING UNIT		CAP OR PLUG		FLEXIBLE CONNECTION		FIRE DAMPER		START/STOP
BBD	BOILER BLOW DOWN		ELBOW DOWN		UNION		SMOKE DAMPER		ENABLE/DISABLE
BD	BACKDRAFT DAMPER		ELBOW UP		GATE VALVE		BALANCING VALVE		TEMPERATURE SENSOR (DUCT OR PIPE MOUNTED)
CA	COMPRESSED AIR		TEE OUTLET - UP		BALL VALVE		STRAINER		HUMIDITY SENSOR (DUCT MOUNTED)
CD	COOLING COIL CONDENSATE DRAIN		TEE OUTLET - DOWN		STRAINER WITH BLOW-DOWN		BUTTERFLY VALVE		FLOW TRANSMITTER
CFM	CUBIC FEET PER MINUTE		FIRE DAMPER		BUTTERFLY CONTROL VALVE, PNEUMATIC 2-WAY		BUTTERFLY CONTROL VALVE, ELECTRIC ACTUATOR		PRESSURE TRANSMITTER
CHWR	CHILLED WATER RETURN		SMOKE DAMPER		GLOBE VALVE		CHECK VALVE		DIFFERENTIAL PRESSURE TRANSMITTER
CHWS	CHILLED WATER SUPPLY		COMBINATION FIRE AND SMOKE DAMPER		GAS COCK, PLUG VALVE		TRIPLE DUTY VALVE		ELECTRIC/PNEUMATIC TRANSDUCER
CR	CONDENSER WATER RETURN		VOLUME DAMPER		UNDERCUT DOOR 1"		GAS VALVE		ELECTRIC/ELECTRONIC TRANSDUCER
CS	CONDENSER WATER SUPPLY		DAMPER CONTROL, PARALLEL BLADE		LOUVERED DOOR W/ SQ. FT. OF FREE AREA		AIR VENT - MANUAL		DUCT SMOKE DETECTOR
CW	DOMESTIC COLD WATER		DAMPER CONTROL, OPPOSED BLADE		AIR VENT - AUTOMATIC		AIR DUCT (FIRST FIGURE IS DUCT WIDTH/TOP, SECOND FIGURE IS DUCT DEPTH)		SPACE THERMOSTAT
D	DRAIN		MULTI-BLADE AIR EXTRACTOR		BLAST GATE		MULTI-BLADE AIR EXTRACTOR		SPACE TEMPERATURE SENSOR
(E)	EXISTING		TURNING VANES		BACK DRAFT DAMPER		EXISTING WORK TO BE REMOVED (HATCHED)		SPACE CARBON DIOXIDE SENSOR
EA	EXHAUST AIR		POINT OF CONNECTION		AUTOMATIC AIR DAMPER		POINT OF DISCONNECTION		SPACE NATURAL GAS SENSOR
EC	ELECTRICAL CONTRACTOR		POINT OF DISCONNECTION		DAMPER CONTROL, PARALLEL BLADE		POINT OF DISCONNECTION		SPACE CARBON MONOXIDE SENSOR
EF	EXHAUST FAN		POINT OF DISCONNECTION		DAMPER CONTROL, OPPOSED BLADE		POINT OF DISCONNECTION		SPACE SENSOR WITH GUARD
ERHC	ELECTRIC REHEAT COIL		POINT OF DISCONNECTION		GLOBE VALVE		POINT OF DISCONNECTION		SPACE HUMIDISTAT
ETR	EXISTING TO REMAIN		POINT OF DISCONNECTION		CHECK VALVE		POINT OF DISCONNECTION		WATER FLOW SENSOR
EUH	ELECTRIC UNIT HEATER		POINT OF DISCONNECTION		TRIPLE DUTY VALVE		POINT OF DISCONNECTION		PNEUMATIC ACTUATOR
F&T	FLOAT AND THERMOSTATIC TRAP		POINT OF DISCONNECTION		GAS VALVE		POINT OF DISCONNECTION		ELECTRIC ACTUATOR
FCU	FAN-COIL UNIT		POINT OF DISCONNECTION		UNDERCUT DOOR 1"		POINT OF DISCONNECTION		VARIABLE SPEED / FREQUENCY DRIVE
FFM	FEET PER MINUTE		POINT OF DISCONNECTION		LOUVERED DOOR W/ SQ. FT. OF FREE AREA		POINT OF DISCONNECTION		COOLING COIL
FT	FIN-TUBE		POINT OF DISCONNECTION		AIR VENT - MANUAL		POINT OF DISCONNECTION		HEATING COIL
GC	GENERAL CONTRACTOR		POINT OF DISCONNECTION		AIR VENT - AUTOMATIC		POINT OF DISCONNECTION		GAS FURNACE
GR	GLYCOL RETURN		POINT OF DISCONNECTION		FLANGE		POINT OF DISCONNECTION		HUMIDIFIER
GS	GLYCOL SUPPLY		POINT OF DISCONNECTION		CONTROL/SOLENOID VALVE, ELECTRIC 2-WAY		POINT OF DISCONNECTION		ALARM
HC	HVAC CONTRACTOR		POINT OF DISCONNECTION		CONTROL VALVE, ELECTRIC 3-WAY		POINT OF DISCONNECTION		STATUS
HHWR	HEATING HOT WATER RETURN		POINT OF DISCONNECTION		CONTROL VALVE, PNEUMATIC 2-WAY		POINT OF DISCONNECTION		FLOW SWITCH
HHWS	HEATING HOT WATER SUPPLY		POINT OF DISCONNECTION		CONTROL VALVE, PNEUMATIC 3-WAY		POINT OF DISCONNECTION		DIFFERENTIAL STATIC PRESSURE SWITCH
HP	HEAT PUMP		POINT OF DISCONNECTION		RELIEF / SAFETY VALVE		POINT OF DISCONNECTION		RELAY
HPC	HIGH PRESSURE CONDENSATE		POINT OF DISCONNECTION		PRESSURE REDUCING VALVE		POINT OF DISCONNECTION		PRESSURE GAUGE
HPS	HIGH PRESSURE STEAM		POINT OF DISCONNECTION		VACUUM BREAKER		POINT OF DISCONNECTION		FREEZE-STAT
LF	LINEAR FOOTAGE OF FIN-TUBE RADIATION		POINT OF DISCONNECTION		FLEXIBLE PIPE CONNECTOR		POINT OF DISCONNECTION		DIGITAL INPUT (TO BUILDING MANAGEMENT SYSTEM)
LPC	LOW PRESSURE CONDENSATE		POINT OF DISCONNECTION		EXPANSION COMPENSATOR W/ GUIDES		POINT OF DISCONNECTION		DIGITAL OUTPUT (FROM BUILDING MANAGEMENT SYSTEM)
LPF	LIQUEFIED PROPANE GAS		POINT OF DISCONNECTION		EXPANSION JOINT		POINT OF DISCONNECTION		ANALOG OUTPUT (FROM BUILDING MANAGEMENT SYSTEM)
LPS	LOW PRESSURE STEAM		POINT OF DISCONNECTION		PIPE ANCHOR		POINT OF DISCONNECTION		ANALOG INPUT (TO BUILDING MANAGEMENT SYSTEM)
MBH	1,000 BTU/HR		POINT OF DISCONNECTION		PIPE GUIDE		POINT OF DISCONNECTION		ELECTRICAL INTERFACE
MC	MECHANICAL CONTRACTOR		POINT OF DISCONNECTION		THERMOSTATIC TRAP		POINT OF DISCONNECTION		SPEED FEEDBACK
MPC	MEDIUM PRESSURE CONDENSATE		POINT OF DISCONNECTION		FLOAT & THERMOSTATIC TRAP		POINT OF DISCONNECTION		END SWITCH
MPS	MEDIUM PRESSURE STEAM		POINT OF DISCONNECTION		BUCKET TRAP		POINT OF DISCONNECTION		POSITION FEEDBACK
MRD	MONOFLO FITTING DOWN - HHWR		POINT OF DISCONNECTION		THERMODYNAMIC TRAP		POINT OF DISCONNECTION		TRAVERSE AVERAGING SENSOR
MSD	MONOFLO FITTING DOWN - HHWS		POINT OF DISCONNECTION		THERMOMETER		POINT OF DISCONNECTION		PROBE SENSOR
MUW	MAKE-UP WATER		POINT OF DISCONNECTION		WELL		POINT OF DISCONNECTION		FREEZE STAT SENSOR
NC	NORMALLY CLOSED		POINT OF DISCONNECTION		PRESSURE GAUGE		POINT OF DISCONNECTION		
NG	NATURAL GAS		POINT OF DISCONNECTION		STEAM PRESSURE GAUGE WITH 1/4" NEEDLE VALVE		POINT OF DISCONNECTION		
NO	NORMALLY OPEN		POINT OF DISCONNECTION		SUPPLY REGISTER, RETURN OR EXHAUST GRILLE		POINT OF DISCONNECTION		
NTS	NOT TO SCALE		POINT OF DISCONNECTION		SUPPLY DIFFUSER, 1-WAY, 2-WAY, 3-WAY		POINT OF DISCONNECTION		
OA	OUTSIDE AIR		POINT OF DISCONNECTION		CEILING DIFFUSER WITH NECK SIZE, TYPE, & CFM		POINT OF DISCONNECTION		
PC	PLUMBING CONTRACTOR		POINT OF DISCONNECTION		CEILING RETURN OR EXHAUST GRILLE WITH SIZE, TYPE, & CFM		POINT OF DISCONNECTION		
PD	PUMP DISCHARGE		POINT OF DISCONNECTION		FAN POWERED AIR TERMINAL UNIT - UNIT TYPE, MAX = MAXIMUM CFM, MIN = MINIMUM CFM		POINT OF DISCONNECTION		
PHWR	PRIMARY HEATING HOT WATER RETURN		POINT OF DISCONNECTION		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE, MAX = MAXIMUM CFM, MIN = MINIMUM CFM		POINT OF DISCONNECTION		
PHWS	PRIMARY HEATING HOT WATER SUPPLY		POINT OF DISCONNECTION		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE, MAX = MAXIMUM CFM, MIN = MINIMUM CFM		POINT OF DISCONNECTION		
RA	RETURN AIR		POINT OF DISCONNECTION		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE, MAX = MAXIMUM CFM, MIN = MINIMUM CFM		POINT OF DISCONNECTION		
RD	REFRIGERANT DISCHARGE		POINT OF DISCONNECTION		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE, MAX = MAXIMUM CFM, MIN = MINIMUM CFM		POINT OF DISCONNECTION		
RHC	HOT WATER REHEAT COIL		POINT OF DISCONNECTION		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE, MAX = MAXIMUM CFM, MIN = MINIMUM CFM		POINT OF DISCONNECTION		
RL	REFRIGERANT LIQUID PIPE		POINT OF DISCONNECTION		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE, MAX = MAXIMUM CFM, MIN = MINIMUM CFM		POINT OF DISCONNECTION		
RSL	REFRIGERANT SUCTION PIPE		POINT OF DISCONNECTION		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE, MAX = MAXIMUM CFM, MIN = MINIMUM CFM		POINT OF DISCONNECTION		
RTU	ROOFTOP UNIT		POINT OF DISCONNECTION		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE, MAX = MAXIMUM CFM, MIN = MINIMUM CFM		POINT OF DISCONNECTION		
RV	ROOF VENT		POINT OF DISCONNECTION		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE, MAX = MAXIMUM CFM, MIN = MINIMUM CFM		POINT OF DISCONNECTION		
SA	SUPPLY AIR		POINT OF DISCONNECTION		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE, MAX = MAXIMUM CFM, MIN = MINIMUM CFM		POINT OF DISCONNECTION		
SHWR	SECONDARY HEATING HOT WATER RETURN		POINT OF DISCONNECTION		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE, MAX = MAXIMUM CFM, MIN = MINIMUM CFM		POINT OF DISCONNECTION		
SHWS	SECONDARY HEATING HOT WATER SUPPLY		POINT OF DISCONNECTION		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE, MAX = MAXIMUM CFM, MIN = MINIMUM CFM		POINT OF DISCONNECTION		
SSI	SPLIT SYSTEM INDOOR SECTION (EVAPORATOR SECTION)		POINT OF DISCONNECTION		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE, MAX = MAXIMUM CFM, MIN = MINIMUM CFM		POINT OF DISCONNECTION		
SSO	SPLIT SYSTEM OUTDOOR SECTION (CONDENSING UNIT)		POINT OF DISCONNECTION		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE, MAX = MAXIMUM CFM, MIN = MINIMUM CFM		POINT OF DISCONNECTION		
TC	TEMPERATURE CONTROLS CONTRACTOR		POINT OF DISCONNECTION		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE, MAX = MAXIMUM CFM, MIN = MINIMUM CFM		POINT OF DISCONNECTION		
UH	UNIT HEATER		POINT OF DISCONNECTION		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE, MAX = MAXIMUM CFM, MIN = MINIMUM CFM		POINT OF DISCONNECTION		
UV	UNIT VENTILATOR		POINT OF DISCONNECTION		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE, MAX = MAXIMUM CFM, MIN = MINIMUM CFM		POINT OF DISCONNECTION		
V	VENT		POINT OF DISCONNECTION		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE, MAX = MAXIMUM CFM, MIN = MINIMUM CFM		POINT OF DISCONNECTION		
W&P	WATER-TO-AIR HEAT PUMP		POINT OF DISCONNECTION		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE, MAX = MAXIMUM CFM, MIN = MINIMUM CFM		POINT OF DISCONNECTION		
WWHP	WATER-TO-WATER HEAT PUMP		POINT OF DISCONNECTION		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE, MAX = MAXIMUM CFM, MIN = MINIMUM CFM		POINT OF DISCONNECTION		
			AIR TERMINAL UNIT WITH SOUND ATTENUATOR		ACOUSTIC/THERMAL DUCTWORK LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK
			AIR TERMINAL UNIT WITH REHEAT COIL		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		AIR FLOW		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK
			AIR TERMINAL UNIT		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK
			W/W ENCL. WALL TO WALL FIN TUBE ENCLOSURE		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK

SYMBOLS GENERAL NOTES:

1) VALVE AND DAMPER ACTUATOR TYPES (ELECTRIC OR PNEUMATIC) WHICH ARE INDICATED IN HVAC TEMPERATURE CONTROL DRAWINGS SHALL SUPERSEDE TYPE INDICATED ON ALL OTHER HVAC DRAWINGS.

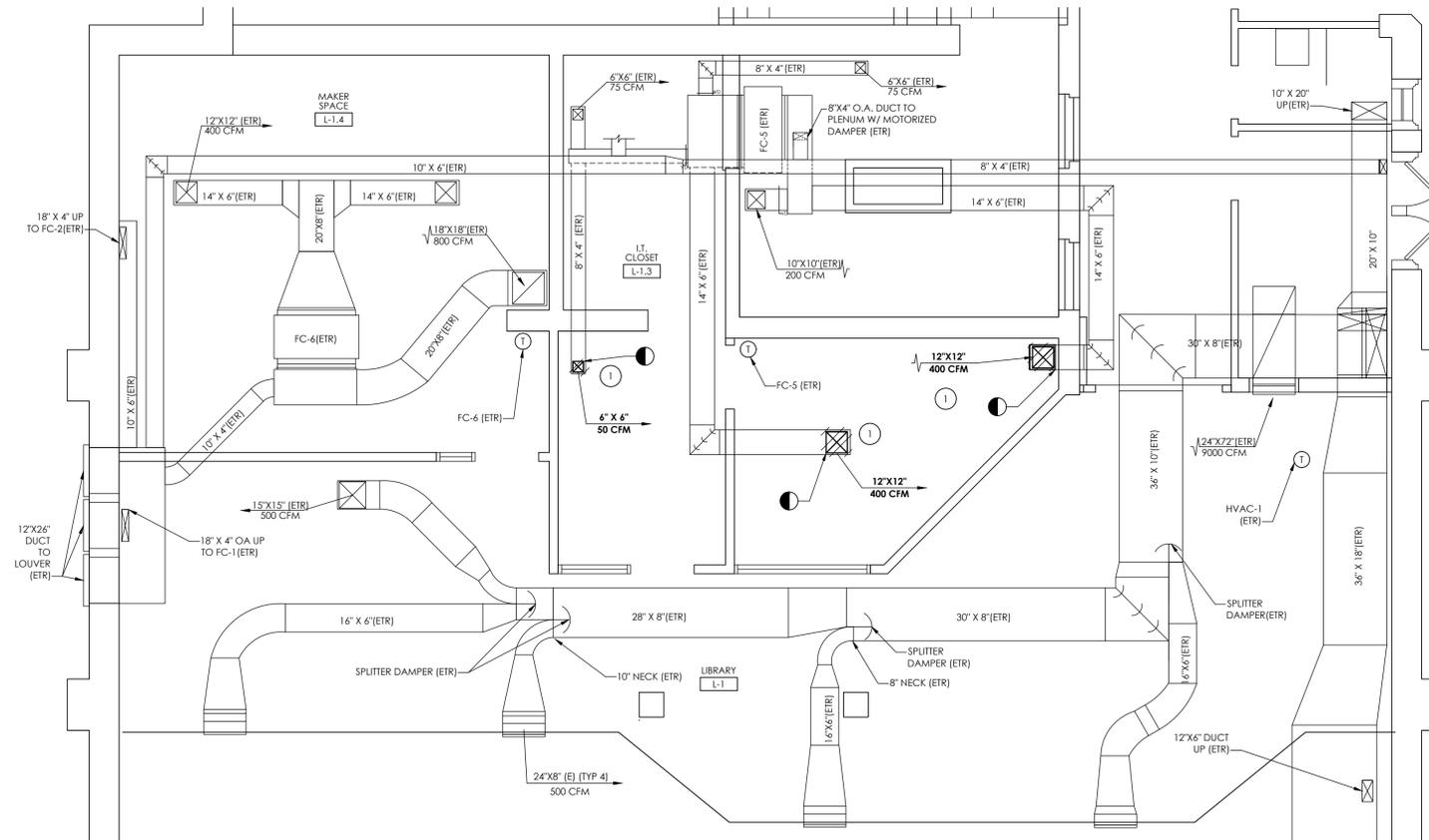
HVAC CONTRACTOR GENERAL NOTES:

- A. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS WITHIN THE BUILDING PRIOR TO COMMENCEMENT OF ALL DEMOLITION AND NEW WORK.
- B. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE AND REPLACE EXISTING CEILING, UNLESS OTHERWISE NOTED ON THE ARCHITECTURAL DRAWINGS, FOR PERFORMING DEMOLITION OR NEW WORK WITHIN THE BUILDING. THE EXISTING CEILING SHALL BE REMOVED IN A MANNER TO AVOID DAMAGE TO THE CEILING SYSTEMS. STORAGE OF CEILING SYSTEM COMPONENTS FOR REINSTALLATION IS THE RESPONSIBILITY OF THE CONTRACTOR. THE STORAGE OF ALL MATERIAL SHALL BE IN AREAS OR LOCATIONS APPROVED BY THE OWNER. THE OWNER WILL NOT COMPENSATE FOR ANY DAMAGED OR LOST MATERIAL WHILE IN STORAGE. AFTER COMPLETION OF ALL DEMOLITION OR NEW WORK, THE CONTRACTOR SHALL REINSTALL THE CEILING SYSTEMS TO MATCH THE ORIGINAL INSTALLATION.
- C. DEMOLITION DRAWINGS SHOW MAJOR EQUIPMENT, PIPING, AND DUCTWORK REMOVALS. THE INTENT IS NOT TO IDENTIFY ALL MISCELLANEOUS PIPING, PIPING ACCESSORIES, DUCTWORK, DUCTWORK ACCESSORIES, SUPPORTS, CONTROLS, CONTROL ACCESSORIES, CONTROL WIRING, CONDUIT, AND PNEUMATIC CONTROL TUBING TO BE DISCONNECTED AND REMOVED, BUT IS THE REQUIREMENT UNDER THIS CONTRACT. NO EQUIPMENT, PIPING, OR DUCTWORK SHALL BE ABANDONED IN PLACE, UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- D. ALL EQUIPMENT INDICATED TO BE TURNED OVER TO THE OWNER SHALL BE DISCONNECTED AND REMOVED FROM THE EXISTING SYSTEMS AND DELIVERED (INCLUDING LOADING AND UNLOADING) TO A STORAGE AREA WITHIN THE BUILDING AS SELECTED BY THE OWNER. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR ANY EQUIPMENT DAMAGED DURING REMOVAL AND DELIVERY. ANY DAMAGE TO EQUIPMENT PRIOR TO DISCONNECTING SHOULD BE REPORTED TO THE OWNER'S REPRESENTATIVE. IF NOT REPORTED, THE CONTRACTOR TAKES FULL RESPONSIBILITY FOR REPAIRS TO THE EQUIPMENT.
- E. BEFORE DISCONNECTING, REMOVING, OR SERVICING ANY AIR CONDITIONING EQUIPMENT OR SYSTEMS CONTAINING REFRIGERANTS, THE EQUIPMENT OR SYSTEMS SHALL BE EVACUATED OF ALL REFRIGERANT PER THE LATEST ADOPTED RULES AND REGULATIONS BY THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (EPA). THE CONTRACTOR OR TECHNICIAN PERFORMING THE WORK SHALL BE CERTIFIED BY AN EPA APPROVED CERTIFYING AGENCY OR ORGANIZATION.
- F. ALL DUCTWORK, PIPING, AND CONDUIT PENETRATIONS THROUGH RATED WALLS OR FLOORS SHALL BE PROVIDED WITH FIRE/SMOKE STOPPINGS PER SPECIFICATION. REFER TO CODE ANALYSIS DRAWING FOR ALL RATED WALL LOCATIONS. ALL FLOORS SHALL BE CONSIDERED RATED.
- G. UNLESS SHOWN ON THE ARCHITECTURAL DRAWINGS, IT IS THE RESPONSIBILITY OF THIS CONTRACT TO PATCH AND FINISH ALL EXISTING DUCTWORK OR PIPE PENETRATIONS THROUGH FLOORS, ROOFS, INTERIOR WALLS, AND EXTERIOR WALLS AFTER DEMOLITION WORK. IN ADDITION, ALL NEW PENETRATIONS SHALL BE PROVIDED FOR INSTALLATION OF MECHANICAL SYSTEMS INCLUDING, BUT NOT LIMITED TO, EQUIPMENT, CURBING, DUCTWORK, PIPING, CONTROLS, ETC. PATCHING AND FINISHING SHALL MATCH EXISTING CONSTRUCTION INCLUDING FIRE RATINGS. PROVIDE LINTELS PER LINTEL SCHEDULE.
- H. IT IS NOT THE INTENT OF THE DRAWINGS TO SHOW ALL AIR VENTS AND DRAINS IN THE PIPING SYSTEMS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE AIR VENTS AT ALL SYSTEM HIGH POINTS AND AT AREAS WITHIN THE PIPING SYSTEMS THAT COULD ACCUMULATE OR TRAP AIR WHICH WOULD PREVENT PROPER VENTING OR OPERATION OF THE SYSTEMS. DRAINS SHALL

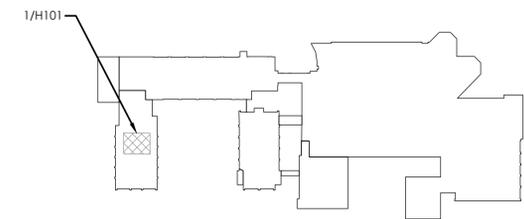


KEY NOTES:

- 1 REMOVE EXISTING GRILLE AND DUCTWORK UP TO POINT INDICATED. PREPARE FOR NEW WORK.



1 LIBRARY DEMOLITION PLAN
 H101 SCALE: 1/4" = 1'-0"



PROJECT INFORMATION

Project Number: 14428.18
 Client Name: OSSINING UNION FREE SCHOOL DISTRICT
 Project Name: 2021-2022 CIP

District Office Address:
 400 EXECUTIVE BLVD OSSINING, NY 10562

OSSINING UNION FREE SCHOOL DISTRICT

- ANNE M. DONNER MS SED# 66-1401-03-0-09-028
- ROOSEVELT ES SED# 66-1401-03-0-05-022
- OSSINING HS SED# 66-1401-03-0-03-043

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description

NEW YORK STATE EDUCATION LAW § 86.1(1)(b) AND THE COMMISSIONER'S REGULATIONS FOR ANY PERIOD UNLESS ACTING UNDER THE DIRECTION OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR. TO AVOID LIABILITY FOR NEGLIGENCE, THE DESIGN PROFESSIONAL SHALL NOT BE HELD RESPONSIBLE FOR ANY DESIGN OR CONSTRUCTION DEFECTS OR OMISSIONS THAT ARE THE RESULT OF SUCH NEGLIGENCE AND A SPECIFIC DESCRIPTION OF THE NEGLIGENCE.

SHEET INFORMATION

Issued: 11/15/2021 Scale: AS NOTED
 Project Status: BID SET
 Drawn By: DJB Checked By: AJS
 Drawing Title: LIBRARY GROUND FLOOR DEMOLITION PLAN

Drawing Number

OHS
 H101



CPL | Architecture Engineering Planning
 50 Front St. Suite 202
 Newburgh, NY 12550
 CPLteam.com

KEY NOTES:

- 1 PROVIDE NEW GRILLE AND DUCTWORK UP TO WHERE INDICATED.
- 2 PROVIDE NEW DIFFUSERS AND CONNECT TO EXISTING DUCTWORK AS INDICATED.
- 3 BALANCE EXISTING O/A TO NEW O/A RATE AS INDICATED.

OSSING HIGH SCHOOL OUTSIDE AIR CALCULATIONS

EQUIPMENT TAG	SPACE	OCCUPANCY CLASSIFICATION	TOTAL SQ. FT.	OCCUPANT DENSITY #/1000 SQ. FT.	TOTAL OCCUPANCY FOR VENTILATION	O.A. PER PERSON (CFM)	O.A. PER SQ. FT. (CFM)	Vbz (CFM)	AIR DISTRIBUTION EFFECTIVENESS	Vbz+Vot (CFM)
RC-5	OHS-Reception Area	Reception	229.84	30	6.8952	5	0.06	48	0.8	60
RC-5	IT closet	Computer Workroom	86.5	4	0.346	5	0.06	7	0.8	9
RC-5	OHS-Library Staircase	Corridor	196	0	0	0	0.06	11	0.8	14

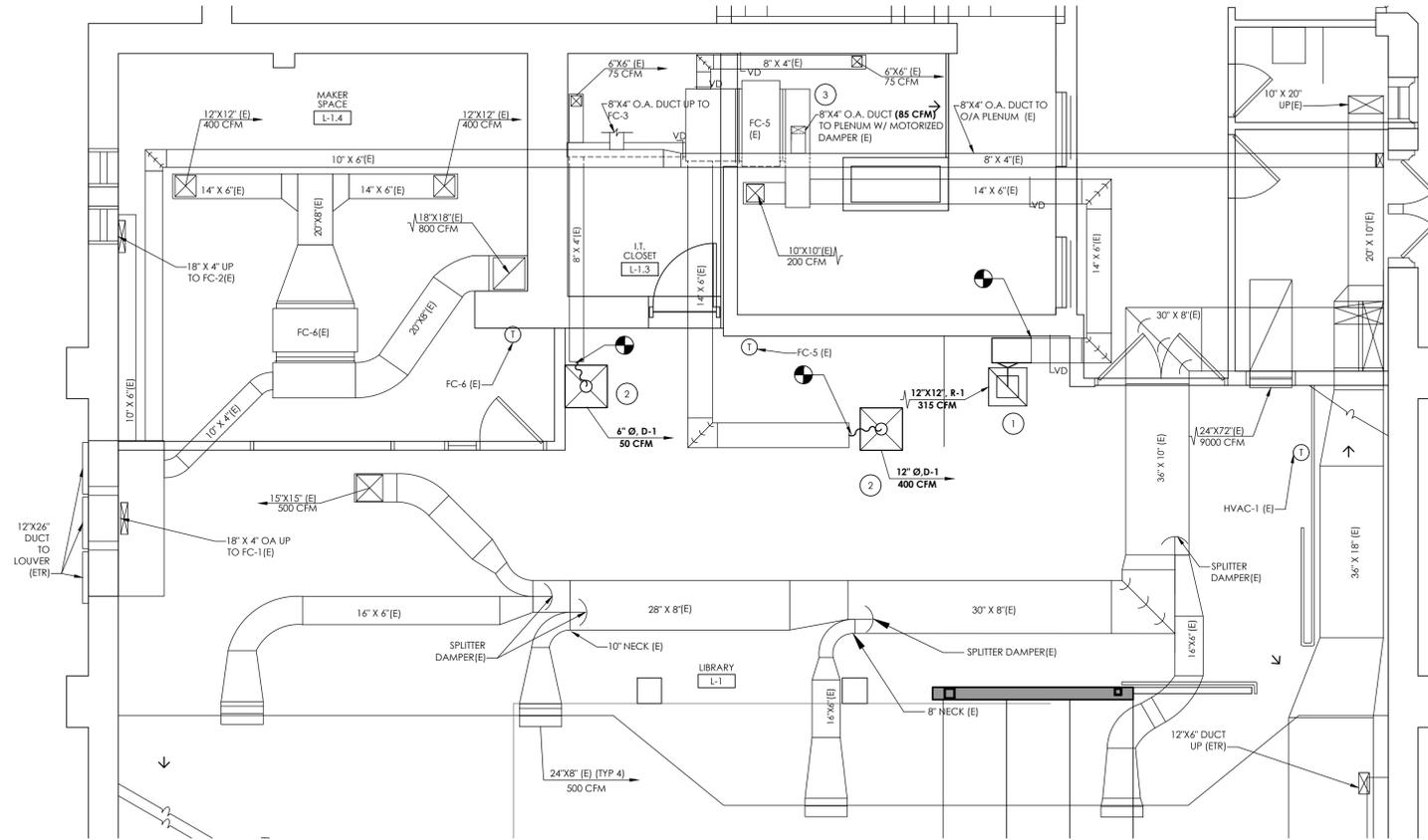
REGISTERS, GRILLES, AND DIFFUSERS

MARK	APPLICATION	MATERIAL	TYPE	FINISH	DESIGN EQUIP.	REMARKS
R-1	RETURN/EA	STEEL	LAY-IN	WHITE	PRICE 530	1, 2
D-1	SUPPLY	STEEL	LAY-IN	WHITE	PRICE SCD	1, 2

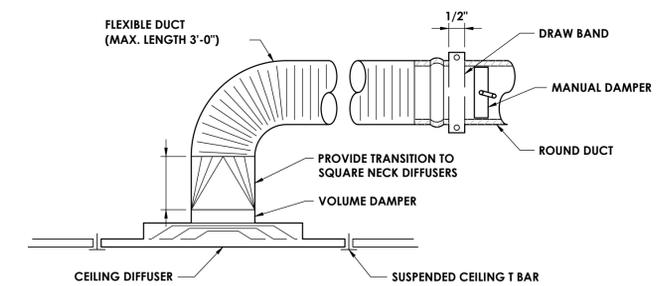
REMARKS: 1. PROVIDE WITH 24"X24" CEILING MODULE FRAME LAY IN STYLE
 2. COLOR SELECTED BY ARCHITECT BASED ON MANUFACTURES STANDARD COLORS
 3. SEE DRAWINGS FOR NECK SIZES

OSSING HIGH SCHOOL EXHAUST CALCS

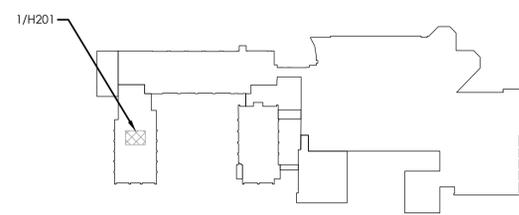
SPACE	OCCUPANCY CLASSIFICATION	TOTAL TOILET FIXTURES	SERVICE FAN	FAN LOCATION	REQUIRED EXHAUST (CFM)
OSSING HIGH SCHOOL	LIBRARY-RECEPTION AREA	-	RC-5	I.T CLOSET L-1.3	315



1 LIBRARY NEW PLAN
 H201 SCALE: 1/4" = 1'-0"



2 DIFFUSER DETAIL
 H201 NOT TO SCALE



KEY PLAN

PROJECT INFORMATION

Project Number
 14428.18
 Client Name
OSSING UNION FREE SCHOOL DISTRICT
 Project Name
2021-2022 CIP

District Office Address
 400 EXECUTIVE BLVD OSSING, NY 10562

OSSING UNION FREE SCHOOL DISTRICT

1. TITLE: OHS NEW BLDG 66-14-01-03-00-00-02
 2. PROJECT: OHS NEW BLDG 66-14-01-03-00-00-02
 3. OHS NEW BLDG 66-14-01-03-00-00-04

PROJECT ISSUE & REVISION SCHEDULE

No. Date Description

NEW YORK STATE EDUCATION EXAMINER

THIS ALLOCATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONERS REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE SUPERVISION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR TO ALTER ANY ITEM IN ANY WAY, IS AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR. THE ARCHITECT, ENGINEER OR LAND SURVEYOR SHALL BE RESPONSIBLE AND THE HOUSING ALTERED BY FOLLOWING BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

SHEET INFORMATION

Issued
 11/15/2021 Scale
 AS NOTED
 Project Status
 BID SET
 Drawn By
 DJB Checked By
 AJS
 Drawing Title
LIBRARY GROUND FLOOR NEW PLAN

Drawing Number
**OHS
 H201**

WIRING LEGEND:

S	SWITCH
(NONE)	SINGLE POLE TOGGLE SWITCH
2	TWO POLE TOGGLE SWITCH
3	THREE WAY TOGGLE SWITCH
4	FOUR WAY TOGGLE SWITCH
WP	SINGLE POLE WEATHER PROOF SWITCH
K	SINGLE POLE KEYED SWITCH
K2	TWO POLE KEYED SWITCH
K3	THREE WAY KEYED SWITCH
K4	FOUR WAY KEYED SWITCH
F	SINGLE POLE SWITCH WITH PILOT LIGHT
TM	SINGLE POLE SWITCH WITH ONE HOUR TIMER
T	THERMAL SWITCH
TP	THERMAL SWITCH WITH PILOT LIGHT
M	MOMENTARY CONTACT SWITCH
S _{II}	ROMAN NUMERAL DESIGNATES NUMBER OF SWITCHES
S _Q	LOWER CASE LETTER DESIGNATES SWITCH LEG
USB	DUPLEX RECEPTACLE WITH 2-USB PORTS
PM	PLUG MOLD
DR	DUPLEX RECEPTACLE
QR	QUADRAPLEX RECEPTACLE
SR	SPECIAL RECEPTACLE
GFI	GROUND FAULT CIRCUIT INTERRUPTER
WP	WEATHER PROOF IN-USE COVER
SS	SURGE SUPPRESSION
C	COUNTER HEIGHT
TR	TAMPER RESISTANT, UL LISTED
IG	ISOLATED GROUND
RT	RAIN TITE
E	EMERGENCY
X	TYPE X [SEE RECEPTACLE SCHEDULE]
PP	POWER POLE
RF	RECESSED FLOOR MOUNTED DUPLEX RECEPTACLE
SP	SURFACE MOUNTED FLOOR RECEPTACLE
CP	CEILING MOUNTED DUPLEX RECEPTACLE
C	CONDUIT
W	EXPOSED LOW VOLTAGE WIRING
HM	HORIZONTAL METALLIC WIREWAY WITH DATA JACK OUTLETS AND ISOLATED GROUND TYPE DUPLEX RECEPTACLES
VM	VERTICAL METALLIC WIREWAY WITH DATA JACK OUTLETS AND ISOLATED GROUND TYPE DUPLEX RECEPTACLES
WM	WIRE MOLD
JB	JUNCTION BOX
F	FIRE SYSTEM
S	SECURITY SYSTEM
DS	DISCONNECT SWITCH
WDP	DISCONNECT SWITCH - WEATHER PROOF (NEMA 3R)
FDS	FUSED DISCONNECT SWITCH
MDS	COMBINATION FUSED DISCONNECT/MAGNETIC STARTER SWITCH
HOA	HAND/OFF/AUTO
SS	START/STOP
MS	MANUAL STARTER
VSD	COMBINATION VARIABLE SPEED DRIVE AND DISCONNECT
VSD	VARIABLE SPEED DRIVE
ST/SP	PUSHBUTTON - START, STOP
ST/SP/PL	PUSHBUTTON - START, STOP, WITH PILOT LIGHT
UP/DN/SP	PUSHBUTTON - UP, DOWN, STOP
EF-1	MOTOR WITH DESIGNATOR
TC	TIME CLOCK
WH	WATER HEATER
HD	HAND DRYER, HARD WIRED
T	THERMOSTAT
HVP1-4	BRANCH CIRCUIT HOME RUN WITH PANEL NAME AND CIRCUIT NUMBER, QUANTITY OF ARROWHEADS DENOTES QUANTITY OF BRANCH CIRCUITS
GFI BKR.	GFI TYPE BREAKER
A.F. BKR.	ARC FAULT BREAKER
BC	BRANCH CIRCUIT WIRING, PROVIDE QUANTITIES OF CONDUCTORS REQUIRED FOR CIRCUITING AND SWITCHING AS INDICATED
PL	POWER LEG ONLY (NO SWITCH LEG BETWEEN ROOMS)
HC	HARDWIRE CONNECTION
CR	CONDUIT RISER UP
CD	CONDUIT RISER DOWN
TR	TRANSFORMER
K	TYPE "K" TRANSFORMER
MH	MUSHROOM HEAD PUSH BUTTON (EMERGENCY STOP)
EG	EMERGENCY BREAK GLASS STATION
GR	GROUNDING ROD

SINGLE LINE DIAGRAM LEGEND:

	EARTH GROUND
	CHASSIS GROUND
	TRANSFORMER - KVA, PRIMARY AND SECONDARY VOLTAGE INDICATED, CONNECTIONS, K-RATING, AND SHIELD SPECIFIED
	CURRENT TRANSFORMER
	POTENTIAL TRANSFORMER
	FUSE
	DISCONNECT/LOADBREAK SWITCH
	CIRCUIT BREAKER
	CIRCUIT BREAKER DRAWOUT MOUNTED (LOW VOLTAGE)
	AUTOMATIC TRANSFER SWITCH (NORMAL POSITION SHOWN)
	METER
	ENCLOSED CIRCUIT BREAKER
	LIGHTNING ARRESTER
	FUSED DISCONNECT SWITCH
	PANEL BOARD - RATINGS AS SPECIFIED IN SINGLE LINE DIAGRAM AND ON PANELBOARD SCHEDULE

COMMUNICATIONS LEGEND:

	TELEPHONE (1) CAT3 - TELEPHONE JACK & CABLE
(NONE)	STANDARD MODULAR JACK FOR TELEPHONE
W	WALL MOUNTED TELEPHONE MODULAR JACK
P	PUBLIC TELEPHONE MODULAR JACK
C	COUNTER HEIGHT MODULAR JACK
	TELEPHONE FLOOR OUTLET (1) CAT3 - TELEPHONE JACK & CABLE
	DATA OUTLET WITH FLUSH BOX AND FACEPLATE (1) CAT5e - DATA JACK & CABLE
	COMPUTER FLOOR OUTLET (1) CAT5e - DATA JACK & CABLE
	COMBINATION TELEPHONE CABLE AND DATA OUTLETS IN DOUBLE GANG FLUSH MOUNTED BOX WITH FACEPLATE
	WIRELESS TRANSMITTER (PROVIDED BY OWNER) CONTRACTOR TO PROVIDE (2) CAT5e DATA JACKS & CABLING
	BACK BOX FOR OWNER PROVIDED TEL/COM WIRING & DEVICES
	DATA RACK
	COAX CABLE (TYPE F CONNECTOR)
	CEILING MOUNT LCD PROJECTOR
	SPEAKER (PUBLIC ADDRESS) (NONE) CEILING MOUNTED w WALL MOUNTED
	SPEAKER (LOCAL SOUND SYSTEM)
	SPEAKER HORN
	MICROPHONE JACK
	SPEAKER JACK
	VOLUME CONTROL
	CLOCK
	DOUBLE FACE CLOCK
	COMBINATION CLOCK AND SPEAKER
	INTERCOM STATION
	REMOTE PRE-AMPLIFIER AND PAGING MICROPHONE
	CONSOLE JACK
	HOUSE LIGHT CONTROL STATION
	WALL BOX AS SPECIFIED
	FLOOR BOX

NOTE:

SYMBOLS SHOWN ON THIS ELECTRICAL SYMBOLS LIST ARE FOR REFERENCE PURPOSES ONLY. ALL OF THESE SYMBOLS MAY NOT BE USED FOR THIS PROJECT.

FIRE/LIFE SAFETY LEGEND:

	FIRE ALARM PULL STATION
	FIRE ALARM HORN - WALL MOUNTED
	FIRE ALARM HORN - CEILING MOUNTED
	FIRE ALARM HORN AND STROBE COMBINATION XXcd = STROBE CANDELA RATING
	FIRE ALARM STROBE XXcd = STROBE CANDELA RATING
	FIRE ALARM STROBE - CEILING MOUNTED XXcd = STROBE CANDELA RATING
	SMOKE DETECTOR
	SMOKE DETECTOR WITH GUARD
	CARBON MONOXIDE DETECTOR
	NATURAL GAS SENSOR
	HEAT DETECTOR - 160° RATE OF RISE
	HEAT DETECTOR - 190° FIXED TEMPERATURE
	HEAT DETECTOR - EXPLOSION PROOF
	BEAM SMOKE DETECTOR TRANSMITTER
	BEAM SMOKE DETECTOR RECEIVER
	DUCT DETECTOR
SA	INDICATES INSTALLATION IN SUPPLY AIR
RA	INDICATES INSTALLATION IN RETURN AIR
SD	COMBINATION FIRE/SMOKE DAMPER
	REMOTE TEST STATION FOR DUCT DETECTOR
	FIRE ALARM SHUT DOWN RELAY
	FIRE DOOR HOLD OPEN
	TAMPER SWITCH
	FLOW SWITCH
	FIRE SUPPRESSION ANSUL SYSTEM CONNECTION
	SMD/RD SMOKE DAMPER AND FIRE DAMPER SMOKE DAMPER
	CONTROL MODULE, ADDRESSABLE
	AREA OF RESCUE CALL STATION
	AREA OF RESCUE MASTER TELEPHONE STATION
	FIRE ALARM AS-BUILT DOCUMENT CABINET, LOCATE ADJACENT TO FIRE ALARM CONTROL PANEL

SECURITY LEGEND:

	SECURITY KEY PAD
	VIDEO CAMERA
	CCTV VIDEO MONITOR
	PASSIVE INFRARED MOTION DETECTOR
	PROXIMITY CARD READER
	CALL SWITCH
	DOOR CONTACT
	WINDOW CONTACT
	ELECTRIC STRIKE DOOR RELEASE
	MAGNETIC DOOR RELEASE
	DOOR ACTUATOR

NURSE CALL LEGEND:

	NURSE CALL BUTTON
	NURSE CALL PATIENT BED STATION
	CODE CALL BUTTON
	NURSE CALL STAFF ASSIST STATION
	NURSE CALL STAFF STATION
	NURSE CALL DUTY/STAFF STATION
	NURSE CALL DUTY STATION
	NURSE CALL LIGHT
	NURSE CALL CODE LIGHT
	NURSE CALL ZONE LIGHT
	NURSE CALL MASTER STATION
	NURSE CALL EMERGENCY PULL STATION
	NURSE CALL INFRARED SENSOR

LIGHT FIXTURE LEGEND:

	LIGHTING FIXTURE (SEE LIGHTING FIXTURE SCHEDULE FOR LETTER DESIGNATION AND DESCRIPTION OF FIXTURES)
	EMERGENCY AND/OR NIGHT LIGHT LIGHTING FIXTURE EM = INDICATES EMERGENCY 90 MINUTE BATTERY REQUIRED
	EXIT LIGHTING FIXTURE UNIVERSAL MOUNT, SINGLE/DOUBLE FACE (WHERE USED, ARROW INDICATES CHEVRON DIRECTION)
	BATTERY POWERED EMERGENCY LIGHT WITH 90 MINUTE BATTERY
	TRACK LIGHTING
	POLE MOUNTED LIGHTING (QUANTITY AND ORIENTATION OF HEADS AS SHOWN)
	OCCUPANCY SENSOR - CEILING MOUNTED
	OCCUPANCY SENSOR - WALL MOUNTED
	LIGHTING CONTACTOR
	PHOTOCCELL
S	SWITCH
LV	LOW VOLTAGE 4-BUTTON DIMMING STATION (WITH ON/OFF AND RAISE/LOWER BUTTONS)
LV1	LOW VOLTAGE 4-BUTTON DIMMING STATION (WITH ON/OFF AND RAISE/LOWER BUTTONS AND PROTECTIVE HOUSING)
O	LOW VOLTAGE OCCUPANCY SENSOR DIMMING SWITCH (WITH OCCUPANCY SENSOR, ON/OFF AND RAISE/LOWER BUTTONS)

PANEL LEGEND:

	EXISTING ELECTRICAL PANEL
	NEW ELECTRICAL PANEL
MDP	MAIN DISTRIBUTION PANEL
LVP	LOW VOLTAGE PANEL
HVP	HIGH VOLTAGE PANEL
LP	LIGHTING CONTROL PANEL
IG	ISOLATED GROUND PANEL
MSB	MAIN SWITCH BOARD
MCC	MOTOR CONTROL CENTER
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION
ATS	AUTOMATIC TRANSFER SWITCH
ES	ELECTRICAL SYSTEMS PANEL
SACP	SECURITY ALARM CONTROL PANEL
FACP	FIRE ALARM CONTROL PANEL
PA	PUBLIC ADDRESS CONTROL PANEL
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FACP	FIRE ALARM CONTROL PANEL

ELECTRICAL PANELBOARD LABELING PLACARD

LINE 1 - PANELBOARD NAME: PP1 [EXAMPLE]
 LINE 2 - VOLTAGE AND PHASE: 208/120V-3PH-4W [EXAMPLE]
 LINE 3 - WHERE PANELBOARD IS FED FROM: FF MSB BREAKER #14 [EXAMPLE]

GENERAL ELECTRICAL NOTES:

- HATCHED AREAS DESIGNATE EXISTING EQUIPMENT TO BE REMOVED, UNLESS OTHERWISE NOTED.
- ALL WORK TO BE DONE IN ACCORDANCE WITH THE 2017 EDITION OF THE NATIONAL ELECTRIC CODE (NFPA 70).
- CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS AND COORDINATE WITH EXISTING EQUIPMENT PRIOR TO BIDDING.

BUILDING:

- INSTALLATION HEIGHT TO CENTER OF EQUIPMENT ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED TO BE: RECEPTACLE = 18" SWITCH = 44" MODULAR JACK FOR WALL MOUNTED TELEPHONE = 52" MODULAR TELEPHONE JACK = 18" AUDIO/VISUAL FIRE ALARM INDICATORS = 88" FIRE ALARM PULL STATIONS = 48" TELEVISION OUTLET = 7'-0" COMPUTER OUTLET = 18" CALL SWITCH = 44" REMOTE TEST STATION FOR DUCT DETECTOR = 52" C = ABOVE COUNTER BACKSPASH, COORDINATE WITH ARCHITECTURAL ELEVATIONS AND MILLWORK.
- INSTALL DATA JACKS FOR CEILING MOUNTED WIRELESS TRANSMITTERS ABOVE CEILING IN ALL AREAS WHERE THERE IS AN ACCESSIBLE CEILING. PROVIDE FLUSH MOUNTED JACKS IN ALL HARD CEILINGS.
- ALL CONDUIT AND WIRING TO BE CONCEALED IN WALLS, FLOOR, OR ABOVE CEILINGS UNLESS OTHERWISE NOTED OR APPROVED BY THE ARCHITECT/ENGINEER. ALL DEVICE OUTLET BOXES SHALL BE RECESSED UNLESS OTHERWISE NOTED OR APPROVED BY THE ARCHITECT/ENGINEER. WHERE APPROVED OR NOTED, SURFACE METAL RACEWAY AND DEVICE BOXES SHALL BE USED IN-LIEU OF CONDUIT AND CONCEALED BOXES AT NO EXTRA COST TO THE OWNER.
- ALL CONDUIT ROUTES SHOWN ARE APPROXIMATE ONLY. CONTRACTOR SHALL FIELD VERIFY FINAL ROUTE.
- CONDUIT RUNS SHOWN ARE SCHEMATICAL AND DO NOT INDICATE THE NECESSARY FITTINGS AND JUNCTION BOXES THAT ARE INCLUDED IN THE SCOPE OF THE WORK.

GROUNDING:

- ALL METAL RACEWAYS, INCLUDING CONDUIT, WIRE TROUGHS, WIREMOLD, ETC., SHALL BE GROUNDED. ALL CONNECTIONS IN METAL RACEWAYS SHALL BE COMPLETED IN SUCH A MANNER AS TO MAINTAIN A CONTINUOUS PATH TO GROUND THROUGHOUT THE ENTIRE LENGTH OF THE RACEWAY.

WIRING:

- UNLESS NOTED OTHERWISE ON THE DRAWINGS OR ON THE EQUIPMENT WIRING SCHEDULE, EACH BRANCH CIRCUIT SHALL BE THREE (3) #12 AWG THHN/THWN (1 HOT, 1 NEUTRAL & 1 EQUIPMENT GROUND) IN 3/4" EMT CONDUIT, UNLESS OTHERWISE NOTED. PROTECT EACH CIRCUIT WITH A 20 AMPERE, 1-POLE OVERCURRENT DEVICE UNLESS OTHERWISE NOTED. PROVIDE #10 AWG FOR 120V BRANCH CIRCUITS LONGER THAN 100 FEET. COMBINED NEUTRALS ARE NOT PERMITTED.



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PROJECT INFORMATION

Project Number
 14428.18

Client Name
OSSINING UNION FREE SCHOOL DISTRICT
 Project Name
2021-2022 CIP

Client Office Address
 400 EXECUTIVE BLVD OSSINING, NY 10562

OSSINING UNION FREE SCHOOL DISTRICT

JAMES M. DONOHUE SEED #6-1441-030-003-028
 ROSEVELT SEED #6-1441-03-006-029
 OSSINING HS SEED #6-1441-030-003-043

PROJECT ISSUE & REVISION SCHEDULE

No. Date Description

SHEET INFORMATION

Issued
 11/15/2021
 Scale
 AS INDICATED
 Project Status
 BID SET
 Drawn By
 MAY
 Checked By
 JAS
 Drawing Title
ELECTRICAL LEGEND AND NOTES

Drawing Number

OHS
 E000



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GENERAL NOTES:

- A. INFORMATION ON DRAWING WAS OBTAINED THROUGH FIELD OBSERVATION AND AS-BUILT DOCUMENTATION. AREAS WITHOUT NEW FIRE ALARM DEVICES ARE NOT PART OF PROJECT SCOPE AND HAVE BEEN FIELD VERIFIED AND DETERMINED TO MEET NEW YORK STATE SED REQUIREMENTS MANUAL PLANNING STANDARDS 2014 VERSION.
- B. DRAWINGS ARE GRAPHICAL REPRESENTATIONS OF APPROXIMATE EQUIPMENT AND DEVICE LOCATIONS. CONTRACTOR SHALL VISIT THE SITE TO DETERMINE THE EXACT EXTENT OF FIRE ALARM WORK REQUIRED TO COMPLETE THE PROJECT.
- C. FINAL TESTING OF FIRE ALARM SYSTEM SHALL COMPLY WITH ALL NFPA 72 REQUIREMENTS. ANY ALTERED CIRCUIT(S) SHALL HAVE ALL ASSOCIATED LOOP DEVICES TESTED IN THEIR ENTIRETY AND 10% OF NEIGHBORING ZONE/LOOP DEVICES ARE ALSO TO BE TESTED.
- E. ALL SYSTEMS CABLING SHALL BE RUN IN FREE-AIR AND SUPPORTED ABOVE CEILINGS VIA J-HOOKS. J-HOOKS NOT TO EXCEED 5'-0" SPACING.
- F. INITIATION DEVICES SHOWN SHALL NOT BE LOCATED IN A DIRECT AIRFLOW PATH OR CLOSER THAN 3' OF AN AIR SUPPLY DIFFUSER OR RETURN AIR GRILLE.
- G. ALL DEVICES AND WIRING IN FINISHED SPACES SHALL BE METAL SINGLE CHANNEL SURFACE RACEWAY.

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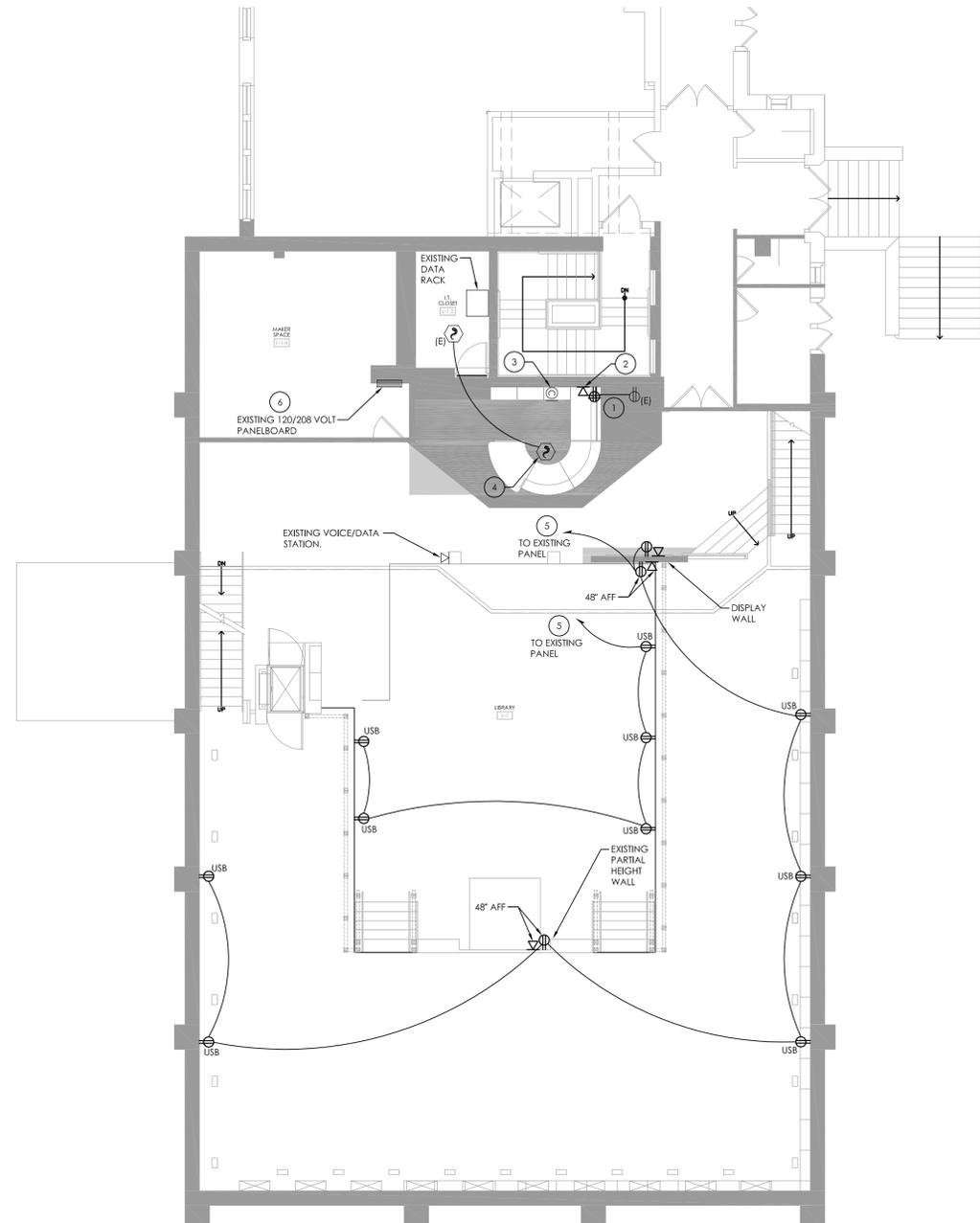
- JAMES M. ZORNER HS SED# 46-1401-030-008-028
- ROOSEVELT ES SED# 46-1401-03-008-029
- OSSINING HS SED# 46-1401-030-003-043

PROJECT ISSUE & REVISION SCHEDULE

No. Date Description

KEY NOTES:

- 1 PROVIDE SURFACE RACEWAY EXTENSION BOX ON EXISTING DUPLEX RECEPTACLE TO CONNECT NEWLY PROVIDED DUPLEX RECEPTACLE. PROVIDE SURFACE METAL SINGLE CHANNEL RACEWAY AND 2-#12 AWG, 1-#12 AWG EGC TO COMPLETE INSTALLATION. TYPICAL UNLESS OTHERWISE NOTED.
- 2 PROVIDE (2) PORT SINGLE GANG DATA OUTLET IN SURFACE METAL RACEWAY. PROVIDE (2) CATEGORY 6G DATA CABLES CABLED BACK TO EXISTING DATA RACK IN IT CLOSET L-1.3.
- 3 REINSTALL EXISTING MASTER CLOCK AT THIS SAME LOCATION AS EXISTING ONCE ROOM FINISH WORK HAS COMPLETED.
- 4 REINSTALL EXISTING STORED SMOKE DETECTOR IN THIS LOCATION. PROVIDE FIRE ALARM SYSTEM CABLING TO CONNECT TO EXISTING INITIATING DEVICE CIRCUIT.
- 5 PROVIDE BRANCH CIRCUIT CONSISTING OF 2-#12 AWG, 1-#12 AWG EGC IN RACEWAY. CIRCUIT BACK TO EXISTING PANEL IN MAKER SPACE L-1.4.
- 6 PROVIDE (2) 20 AMP, 1-POLE 120 VOLT, 10K AIC CIRCUIT BREAKER INSTALLED WITHIN EXISTING PANELBOARD SPACE. CIRCUIT BREAKER TO BE UL LISTED FOR INSTALLATION WITHIN EXISTING PANELBOARD AS MANUFACTURED BY SQUARE D.



1 FIRST FLOOR LIBRARY POWER & SYSTEMS PLAN
E200 SCALE: 1/8" = 1'-0"

Plotted By: James Steicher

Date last plotted: 1/31/2023 3:55 PM

Date last accessed: 3/10/2022 8:15 AM

Sheet size: 24x36
Drawing Name: S:\Projects\Ossining UFSD\2021-2022 CIP\1.D Design\06 CAD\AutoCAD\ELEC\E200.dwg

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ALTER ANY ITEM IN ANY WAY. IF ANY ITEM BEARING THE SEAL OF AN ARCHITECT,
ENGINEER OR SURVEYOR IS ALTERED, THE ARCHITECT, ENGINEER AND SURVEYOR
MUST RESEAL AND THE MODIFICATION ALTERED BY FOLLOWED BY THEIR
SIGNATURE AND THE DATE OF SUCH ALTERATION AND A SPECIFIC
DESCRIPTION OF THE ALTERATION.

SHEET INFORMATION

Issued 11/15/2021 Scale AS INDICATED
Project Status BID SET
Drawn By MAY Checked By JAS
Drawing Title LIBRARY POWER & SYSTEMS PLAN

Drawing Number
**OHS
E200**

