

LIFE SAFETY SYMBOL LEGEND

EXIT	EXIT
ROOM NAME ROOM NUMBER ROOM AREA OCCUPANT LOAD FACTOR OCCUPANT LOAD	ROOM NAME ROOM NUMBER ROOM AREA OCCUPANT LOAD FACTOR OCCUPANT LOAD
MAXIMUM TRAVEL DISTANCE 20' - 0"	MAXIMUM TRAVEL DISTANCE TO EXIT
1 HOUR RATED FIRE BARRIER	1 HOUR RATED FIRE BARRIER

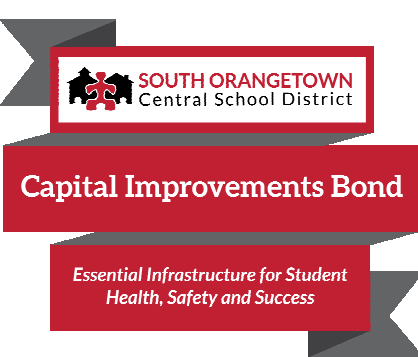
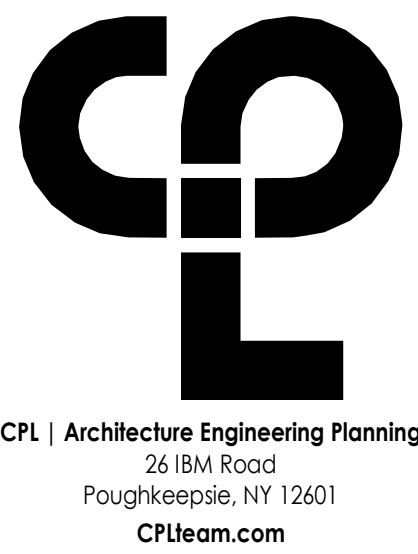
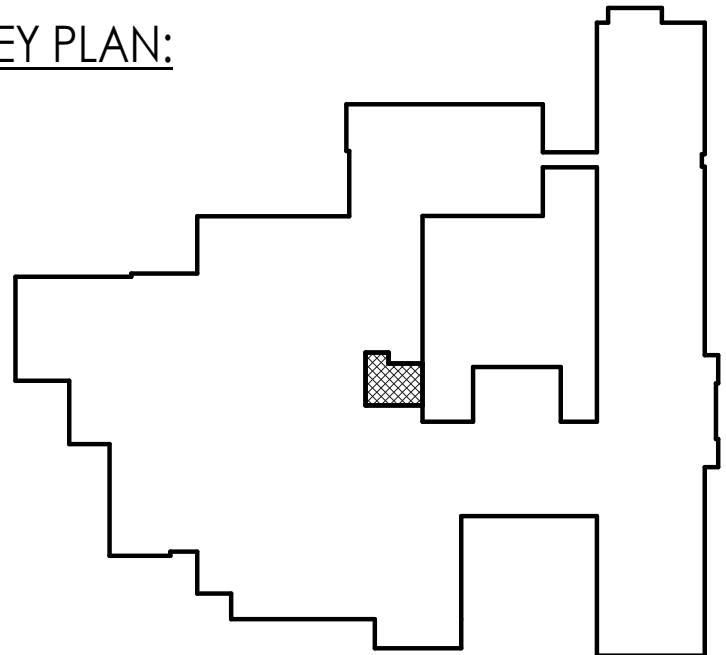
LIFE SAFETY CODE SUMMARY

BUILDING OCCUPANCY:	E, EDUCATIONAL
CONSTRUCTION CLASSIFICATION:	TYPE IIB
BUILDING HEIGHT & AREA LIMITATIONS:	NO CHANGE TO BUILDING AREA

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
- DEAD AND LIVE LOADS**
A. THE DEAD LOADS ARE THE SELF WEIGHT OF MATERIALS OF CONSTRUCTION INCORPORATED INTO AND ON THE BUILDING.
B. THE UNIFORMLY 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. CLASSROOM: 40 PSF
f. OFFICE: 50 PSF
g. ROOFS: 20 PSF / 300 LB ON MAINTENANCE SURFACE
- 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 (Pf): 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. ULTIMATE DESIGN WIND SPEED (Vult): 123 MPH (3 SECOND GUST)
B. NOMINAL DESIGN WIND SPEED (Vasd): 96 MPH
C. RISK CATEGORY: III
D. WIND EXPOSURE CATEGORY: B
E. INTERNAL PRESSURE COEFFICIENT (GCPI): +0.18/-0.18
F. COMPONENTS AND CLADDING: +24 / -32 PSF
- 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): 0.299G
D. 1 SEC. MAPPED SPECTRAL ACCELERATION (S1): 0.062G
E. SITE CLASS: D
F. 0.2 SEC SPECTRAL RESPONSE COEFF. (SDS): 0.311G
G. 1 SEC SPECTRAL RESPONSE COEFF. (SD1): 0.098G
H. SEISMIC DESIGN CATEGORY: B
I. BASIC SEISMIC-FORCE RESISTING SYSTEM: MASONRY BEARING WALLS
J. DESIGN SEISMIC BASE SHEAR (VBS): N/A
K. SEISMIC RESPONSE COEFFICIENT, Cs: 0.0171X
L. RESPONSE MODIFICATION FACTOR, R: 2.0
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 ASSUMED FOLLOWING CRITERIA:
A. ALLOWABLE BEARING: 2,000 PSF
B. SUBGRADE MODULUS: 100 PCI
- FLOOD DESIGN CRITERIA**
THE BUILDING IS NOT LOCATED IN WHOLE OR IN PART WITHIN A FLOOD HAZARD AREA AS ESTABLISHED PER THE PREVIOUSLY MENTIONED BUILDING CODE.
- ROOF RAIN LOAD DATA**
RAIN INTENSITY: 2.75 IN/HR
- ROOF TOP EQUIPMENT ANCHORAGE**
ALL ROOF TOP EQUIPMENT CURBS, MECHANICAL EQUIPMENT, TIE DOWNS, AND CONNECTIONS OF ALL EQUIPMENT TO BUILDING STRUCTURE FOR WIND AND SEISMIC LOADING ARE TO BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER RETAINED BY THE EQUIPMENT SUPPLIER.

KEY PLAN:

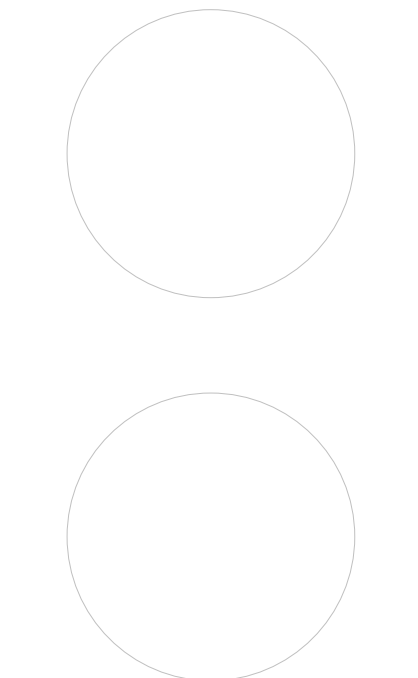


PROJECT INFORMATION		
Project Number	R23.01124.00	
Client Name	SOUTH ORANGETOWN CENTRAL SCHOOL DISTRICT	
Project Name	2024 CAPITAL IMPROVEMENTS PROJECT	
	SOUTH ORANGETOWN MIDDLE SCHOOL	
Building Address	160 VAN WYCK ROAD, BLAUVELT, NY 10913	
SED #	50-03-01-04-0-013-031	
Registration	Expiration	Dates
Lauren Tania	06/30/24	
Anthony Marchetti	05/31/24	
Clayton Hoff	02/28/25	
Jennifer Wengender	06/30/24	

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description
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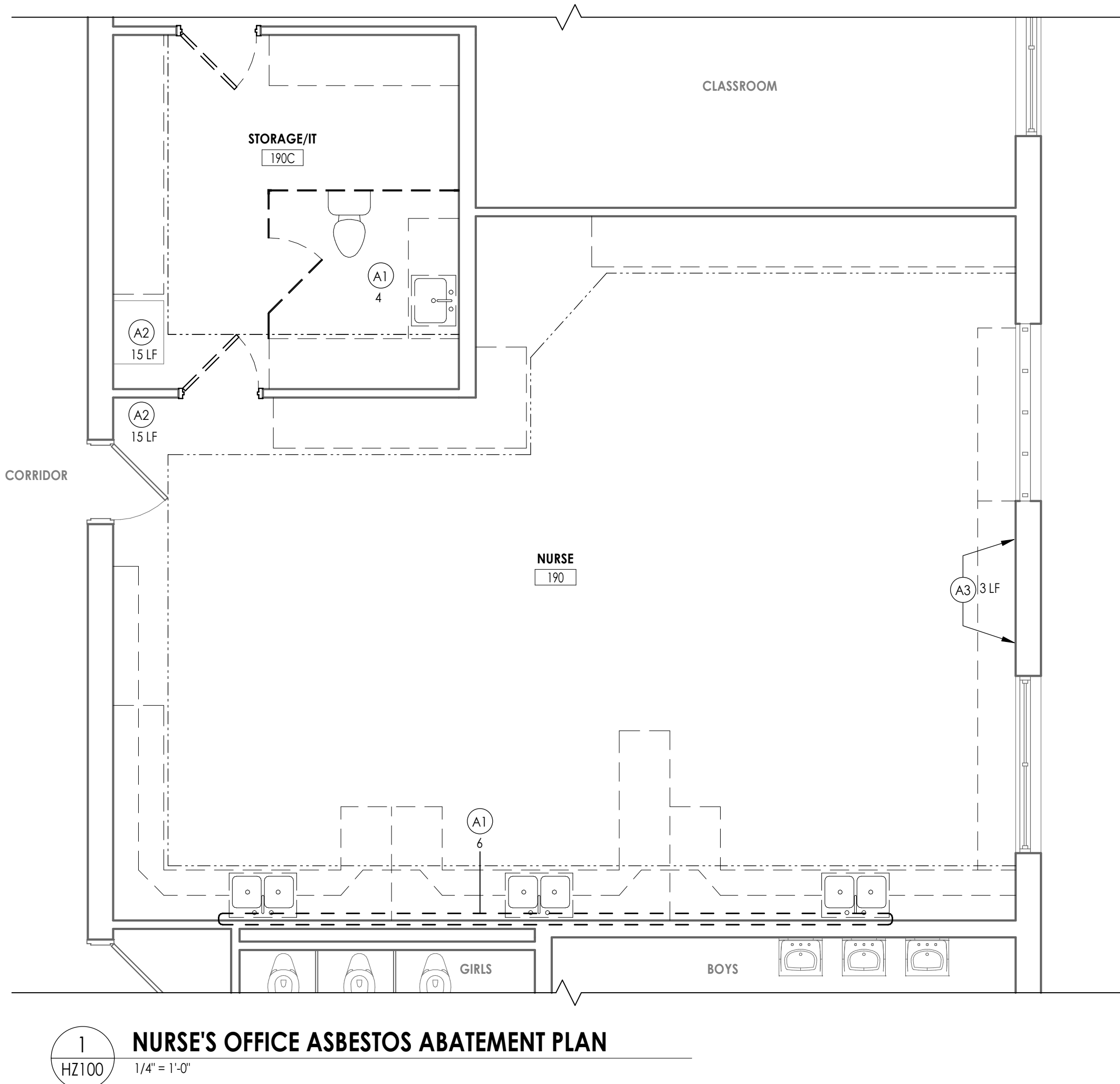
PROFESSIONAL STAMPS



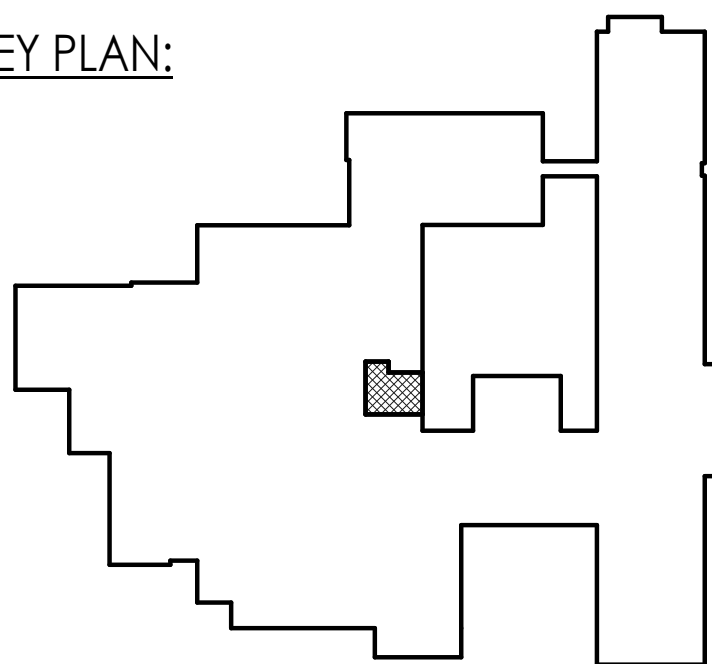
NEW YORK STATE EDUCATION STATUTE
IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATION FOR ANY PERSON, UNDER ACTUAL OR CONSTRUCTIVE CONTROL OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALLOW ANY OTHER PERSON TO USE HIS OR HER NAME OR TITLE OR ANY OTHER DESIGNATION OR TITLE IN ANY MANNER THAT WOULD BE DECEITFUL OR MISLEADING TO THE PUBLIC. THE ARCHITECT, ENGINEER OR LAND SURVEYOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT AND SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT AND SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT.

SHEET INFORMATION	
Issued	Scale
05/15/24	As indicated
Project Status	
BID DOCUMENTS	
Drawn By	Checked By
CPL	CPL
Drawing Title	
LIFE SAFETY CODE PLAN LOWER LEVEL	

Drawing Number
SOMS
U100



KEY PLAN:

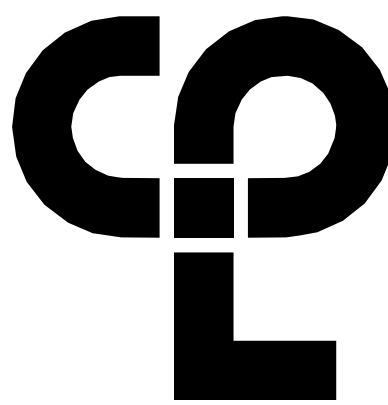


ASBESTOS ABATEMENT GENERAL NOTES

- ALL DRAWINGS ARE A GRAPHIC REPRESENTATION OF APPROXIMATE LOCATIONS OF EXISTING AND NEW MATERIALS TO BE ABATED. IF THERE ARE ANY DISCREPANCIES WITH WHAT EXISTS TO WHAT IS INDICATED IN THE CONTRACT DOCUMENTS THE CONTRACTOR SHALL REPORT THE DISCREPANCY TO THE ARCHITECT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL EXISTING CONDITIONS, QUANTITIES AND DIMENSIONS PRIOR TO COMMENCEMENT OF WORK.
- ABATEMENT PLAN NOTES THAT POINT TO A SPECIFIC ITEM INDICATES ABATEMENT OF THAT ITEM. ABATEMENT PLAN NOTES THAT DO NOT POINT TO A SPECIFIC ITEM INDICATES ABATEMENT WITHIN THE ENTIRE ROOM, CORRIDOR, ETC.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATION, OSHA 29 CFR 1926.1101, USEPA 40 CFR PART 743 AND 40 CFR PART 61 - SUB PART M, NYS INDUSTRIAL CODE RULE 56 AND ANY APPROPRIATE APPLICABLE AND/OR SITE SPECIFIC VARIANCES.
- THE LOCATION OF ANY ON-SITE STORAGE OF MATERIALS, EQUIPMENT, DECONTAMINATION FACILITIES AND DUMPSTER/WASTE TRAILER SHALL BE COORDINATED WITH AND APPROVED BY THE OWNER'S REPRESENTATIVE AND ARCHITECT.
- WHERE APPLICABLE, CONTRACTOR SHALL ENSURE ALL ELECTRICAL CIRCUITS WITHIN THEIR WORK AREAS ARE PROPERLY LOCKED/TAGGED IN ACCORDANCE WITH OSHA 29 CFR 1926.417.
- ANY QUANTITIES PROVIDED ON THE DRAWINGS ARE FOR BIDDING PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL JOB CONDITIONS AND MATERIAL QUANTITIES PRIOR TO BIDDING.

ASBESTOS ABATEMENT KEY NOTES

- A1 REMOVE BY ABATEMENT, ASBESTOS CONTAINING PIPE FITTING PER QUANTITY SHOWN
- A2 REMOVE BY ABATEMENT, ASBESTOS CONTAINING PIPE INSULATION WITHIN GYP. SOFFIT PER QUANTITY SHOWN
- A3 REMOVE BY ABATEMENT, TACK BOARD AND MASTIC



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Poughkeepsie, NY 12601
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Capital Improvements Bond

Essential Infrastructure for Student
Health, Safety and Success

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SOUTH ORANGETOWN CENTRAL
SCHOOL DISTRICT

Project Name

2024 CAPITAL IMPROVEMENTS
PROJECT

SOUTH ORANGETOWN MIDDLE SCHOOL

Building Address

160 VAN WYCK ROAD, BLAUVELT, NY 10913

SED # 50-03-01-04-0-013-031

Registration Expiration Dates

Lauren Torrisi 05/30/24

Anthony Marchetti 05/31/24

Chloe Hoff 02/28/25

Jennifer Wengender 04/30/24

PROJECT ISSUE & REVISION SCHEDULE

Date Description

PROFESSIONAL STAMPS



NEW YORK STATE REGULATION STATEMENT

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SHEET INFORMATION

Issued

05/15/24

Project Status

BID DOCUMENTS

Drawn By

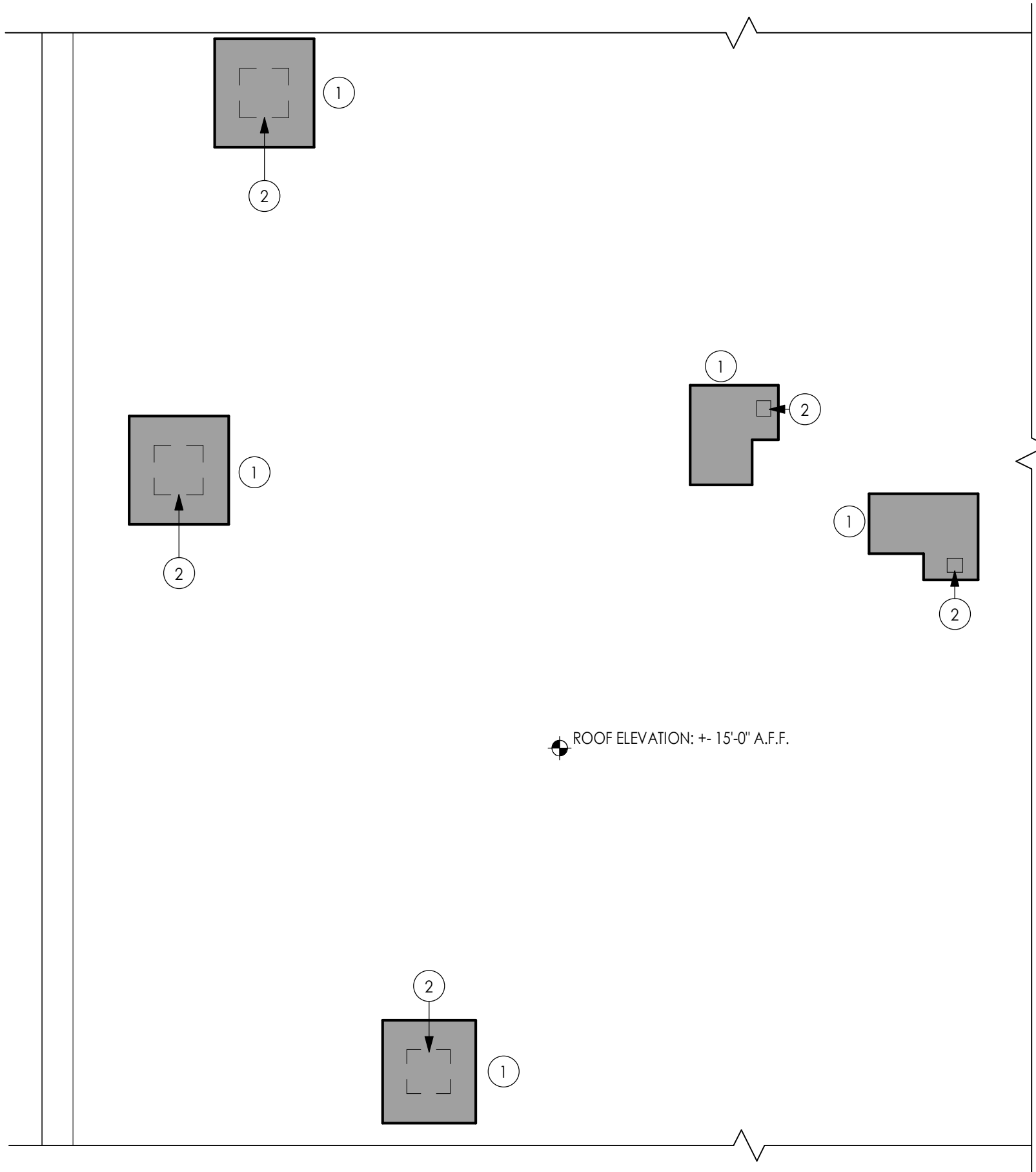
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Drawing Title

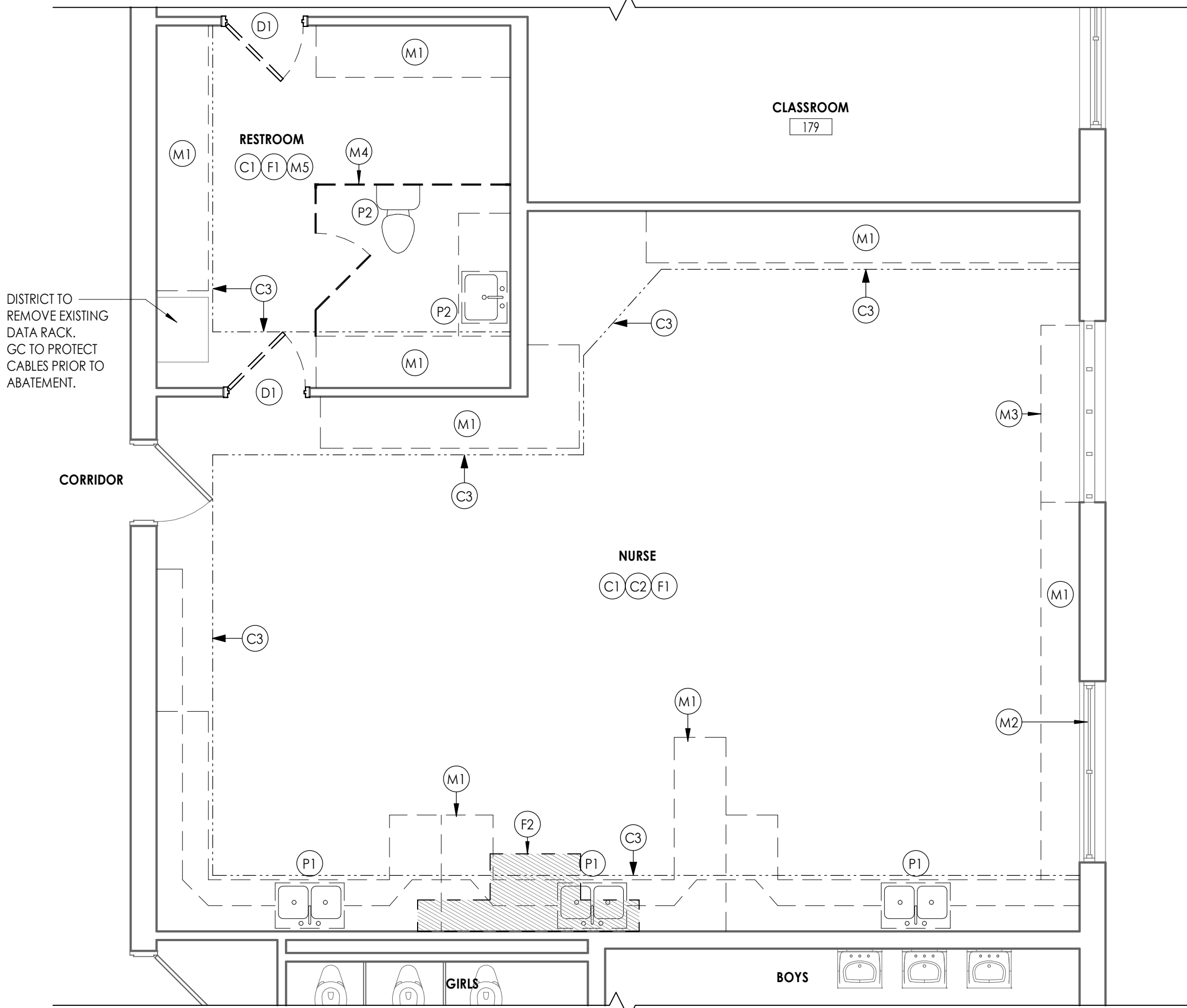
ASBESTOS ABATEMENT PLAN

Drawing Number

SOMS
HZ100

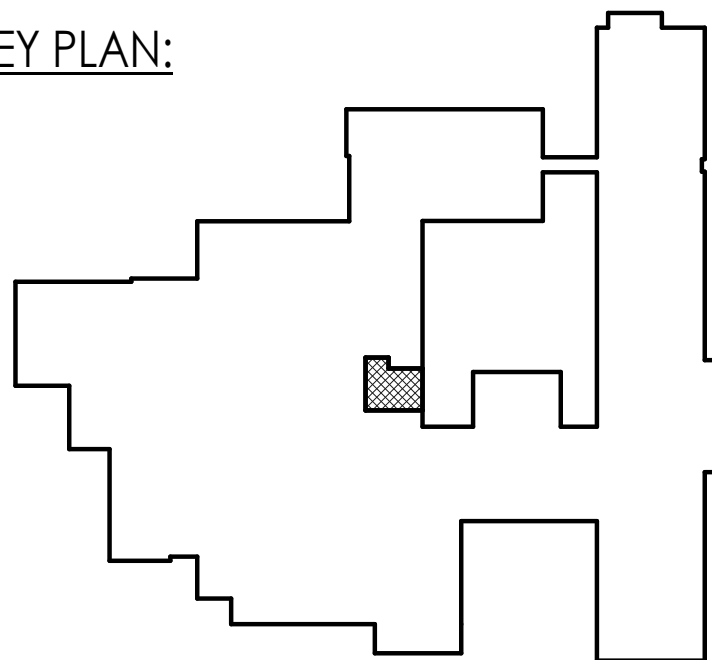


2 PARTIAL DEMOLITION ROOF PLAN - NURSE'S OFFICE AREA
A100 1/4" = 1'-0"



1 NURSE'S OFFICE DEMOLITION PLAN
A100 1/4" = 1'-0"

KEY PLAN:



DEMOLITION ROOF PLAN GENERAL NOTES

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE THEMSELVES WITH ALL EXISTING CONDITIONS AND DETAILS INVOLVED IN THE DEMOLITION WORK.
2. THE OWNER SHALL PROVIDE THE CONTRACTOR WITH A LIST OF ALL ITEMS TO BE SALVAGED PRIOR TO CONSTRUCTION.
3. THE CONTRACTOR SHALL PROTECT ADJACENT SURFACES AND FINISHES NOT SCHEDULED FOR DEMOLITION WORK AND SHALL REPAIR ANY DAMAGED AREAS AS A RESULT OF CONTRACTED WORK AT NO ADDITIONAL COST TO THE OWNER.
4. THE CONTRACTOR SHALL COORDINATE THE DEMOLITION WORK WITH THE OVERALL PROJECT PHASING.
5. THE CONTRACTOR SHALL MAINTAIN AND CONTINUE SAFE ACCESS TO ALL EXITS FOR THE BUILDING OCCUPANTS DURING CONSTRUCTION.

DEMOLITION ROOF PLAN KEY NOTES

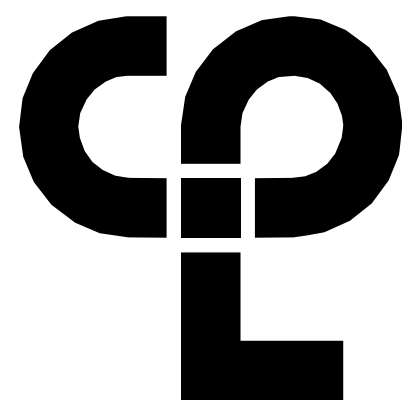
- 1 REMOVE ROOF SYSTEM DOWN TO ROOF DECK
- 2 MC TO CUT AND REMOVE ROOF DECK TO FACILITATE MECHANICAL WORK. GC TO PROVIDE STRUCTURAL SUPPORT PER ROOF OPENING SUPPORT DETAIL. COORDINATE WITH MC FOR EXACT SIZE AND LOCATION.

DEMOLITION GENERAL NOTES

1. ALL DRAWINGS ARE GRAPHIC REPRESENTATION OF APPROXIMATE LOCATIONS OF MATERIALS TO BE REMOVED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL EXISTING CONDITIONS & DIMENSIONS PRIOR TO COMMENCEMENT OF ALL DEMOLITION WORK.
2. REFER TO THE MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR DEMOLITION OF EXISTING UTILITIES AND SERVICES.
3. THE OWNER SHALL PROVIDE THE CONTRACTOR WITH A LIST OF ALL ITEMS TO BE SALVAGED PRIOR TO CONSTRUCTION.
4. THE CONTRACTOR SHALL PROTECT ADJACENT SURFACES AND FINISHES NOT SCHEDULED FOR DEMOLITION WORK AND SHALL REPAIR ANY DAMAGED AREAS AS A RESULT OF CONTRACTED WORK AT NO ADDITIONAL COST TO THE OWNER.
5. THE CONTRACTOR SHALL COORDINATE THE DEMOLITION WORK WITH THE OVERALL PROJECT PHASING.
6. WORK AREAS SHALL BE MAINTAINED AND ALL WORK AREAS SHALL BE LEFT BROOM CLEANED AT END OF EACH DAY.
7. THE CONTRACTOR SHALL MAINTAIN AND CONTINUE SAFE ACCESS TO ALL EXITS FOR THE BUILDING OCCUPANTS DURING CONSTRUCTION.
8. IN THE CASE THAT ANY SUSPICIOUS MATERIALS ARE UNCOVERED THAT APPEAR TO CONTAIN HAZARDOUS MATERIALS SUCH AS BUT NOT LIMITED TO MOLD, LEAD PAINT OR ASBESTOS, LEAVE THE PREMISES AND NOTIFY THE OWNER & ABATEMENT CONTRACTOR FOR REQUIRED TESTING AND/OR REMOVALS.

DEMOLITION KEY NOTES

- C1 REMOVE EXISTING PLASTER CEILING IN ITS ENTIRETY.
- C2 REMOVE CEILING MTD CURTAIN TRACK
- C3 REMOVE LATH & PLASTER SOFFIT IN ITS ENTIRETY.
- D1 REMOVE DOOR, FRAME AND HARDWARE IN ITS ENTIRETY.
- F1 REMOVE VCT FLOORING AND WALL BASE IN ITS ENTIRETY.
- F2 SAWCUT & REMOVE SLAB TO FACILITATE UNDERGROUND PLUMBING WORK. COORDINATE W/ PC FOR FINAL LOCATION
- M1 REMOVE CASEWORK
- M2 REMOVE EXISTING AC UNIT AND RETURN TO OWNER.
- M3 EXISTING U.V. REMOVED BY M.C.
- M4 REMOVE TOILET PARTITIONS
- M5 REMOVE AND SALVAGE TOILET ACCESSORIES FOR RE-INSTALLATION
- P1 P.C. TO REMOVE EXISTING SINKS. REFER TO PLUMBING DRAWINGS.
- P2 P.C. TO REMOVE RESTROOM FIXTURES. REFER TO PLUMBING DRAWINGS.



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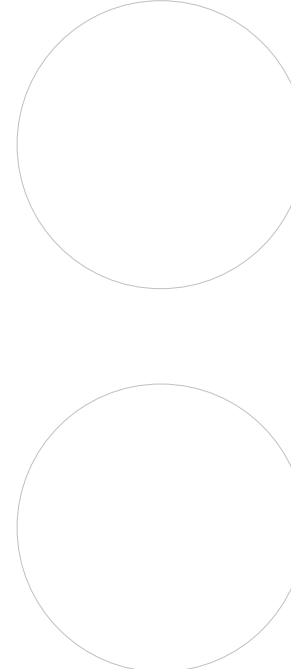
Dave Hoff 02/28/25

Jennifer Wengender 06/30/24

PROJECT ISSUE & REVISION SCHEDULE

Date Description

PROFESSIONAL STAMPS



NEW YORK STATE REGISTRATION STATEMENT

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SHEET INFORMATION

Issued

05/15/24

Project Status

BID DOCUMENTS

Drawn By

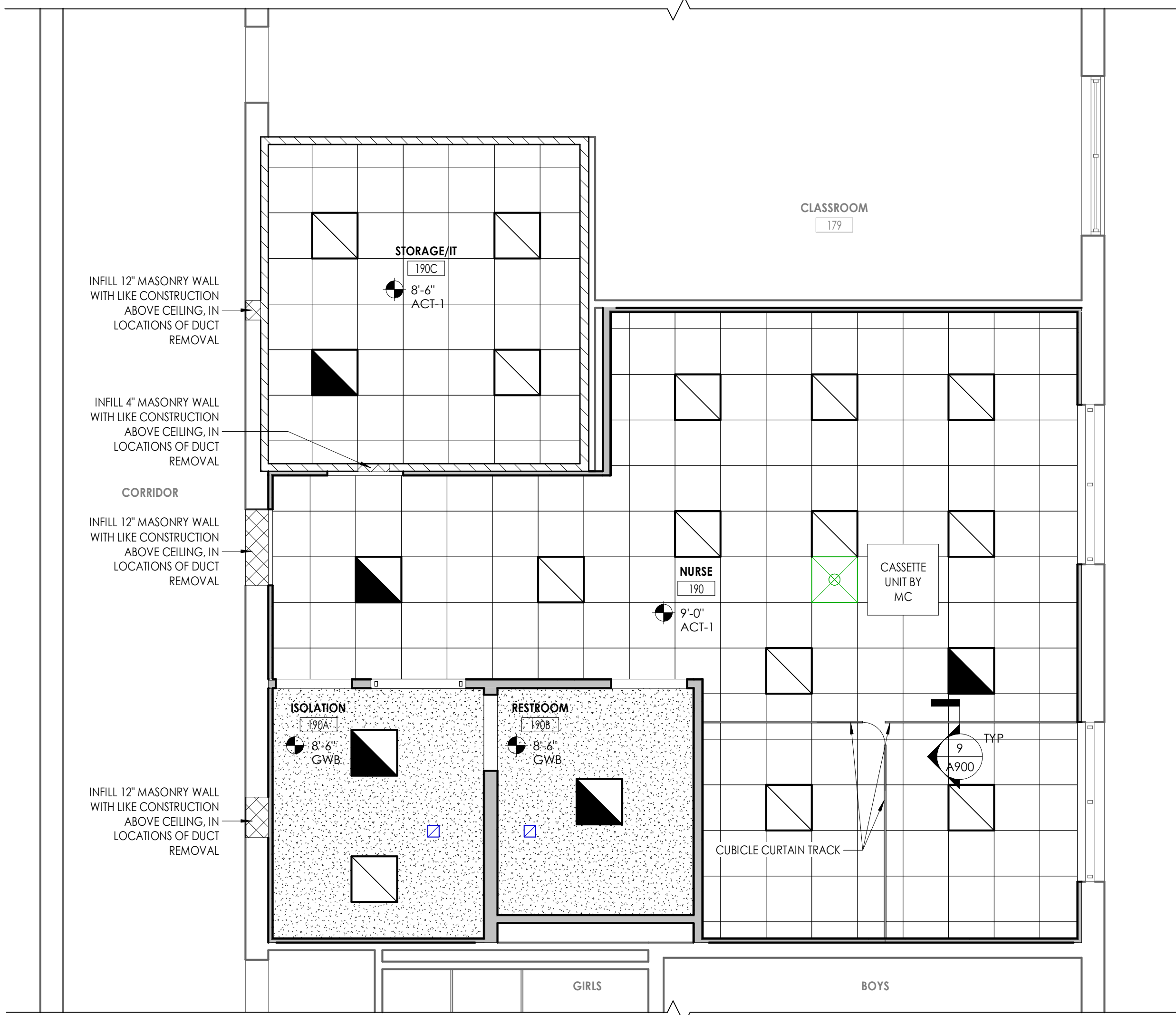
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Drawing Title

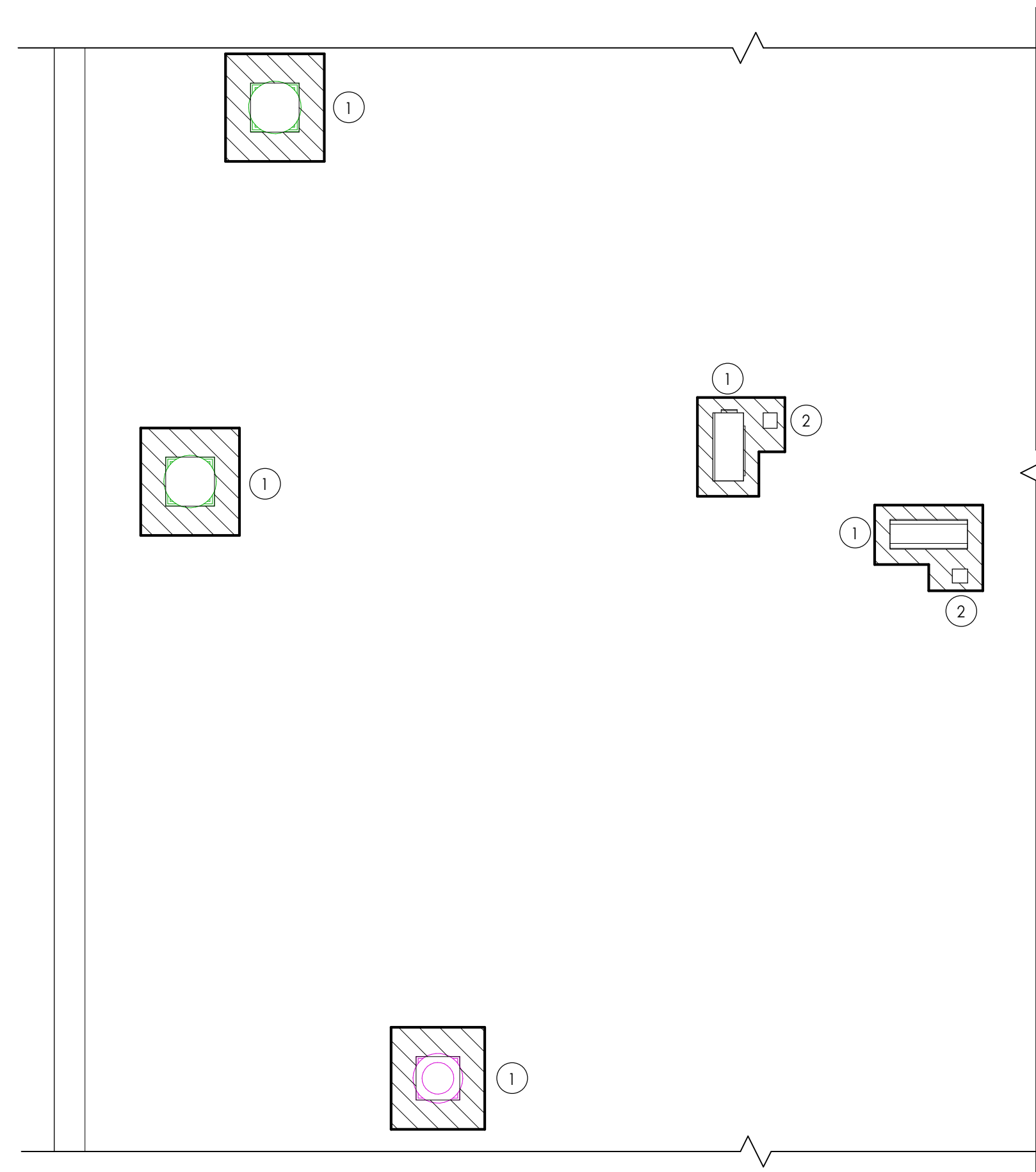
NURSE'S OFFICE DEMOLITION
FLOOR PLAN & ROOF PLAN

Drawing Number

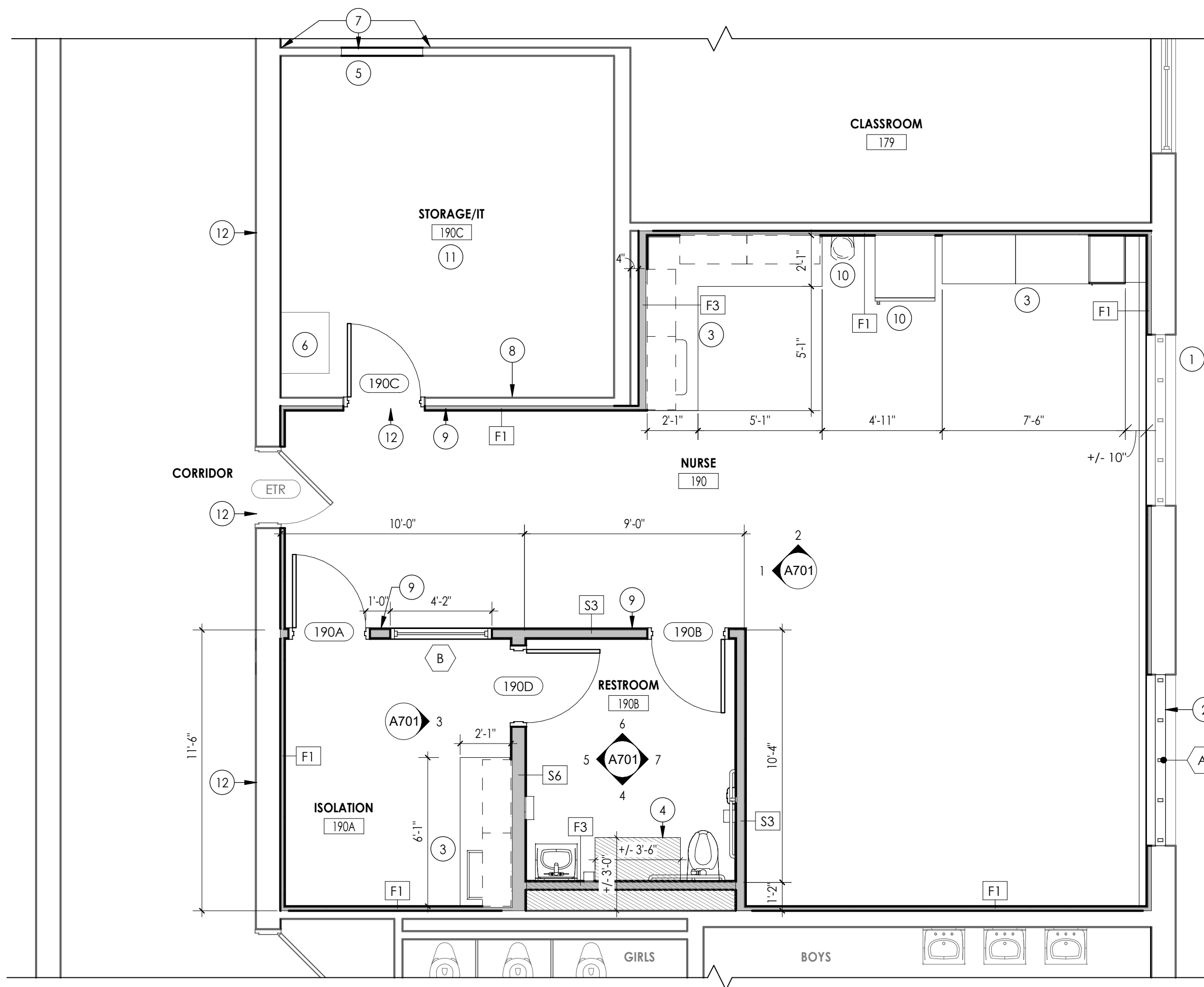
SOMS
A100



3
A200
NURSE'S OFFICE REFLECTED CEILING PLAN
1/4" = 1'-0"



2
A200
PARTIAL NEW WORK ROOF PLAN - NURSE'S OFFICE AREA
1/4" = 1'-0"



1
A200
NURSE'S OFFICE NEW WORK FLOOR PLAN
1/4" = 1'-0"

GENERAL CEILING NOTES

1. ALL DRAWINGS ARE GRAPHIC REPRESENTATION OF APPROXIMATE LOCATIONS OF NEW MATERIALS FOR CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
2. REFER TO A200 SERIES FOR FLOOR PLAN.
3. FOR ANY DISCREPANCY BETWEEN THE REFLECTED CEILING PLAN AND THE FLOOR PLAN: THE FLOOR PLAN SHALL TAKE PRECEDENCE. ANY DISCREPANCY SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT.
4. THROUGH-PENETRATION FIRESTOPPING FOR THE WORK OF EACH CONTRACT SHALL BE PROVIDED BY EACH CONTRACT FOR ITS OWN WORK.
5. COORDINATE CEILING INSTALLATIONS WITH MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS.
6. REFER TO "H" SERIES DRAWINGS FOR DIFFUSERS AND GRILLE LOCATIONS.
7. REFER TO "E" SERIES DRAWINGS FOR LIGHTING TYPES AND CONTROLS.
8. WORK AREAS SHALL BE MAINTAINED AND ALL WORK AREAS SHALL BE LEFT BROOMED CLEAN AT THE END OF EACH DAY.
9. CENTER CEILING GRID (EACH WAY) IN ROOMS SCHEDULED TO RECEIVE ACOUSTICAL CEILING SYSTEMS UNLESS OTHERWISE NOTED.
10. VERIFY WITH ARCHITECT THE INSTALLATION OF ANY CEILING TILES LESS THAN 4" IN WIDTH.
11. PROVIDE MOISTURE RESISTANT GYP. BD. AT ALL TOILET ROOM, JANITOR'S CLOSET AND OTHER WET LOCATION CEILING ASSEMBLIES.
12. ALL GYP. BD. CEILINGS SHALL BE PRIMED AND PAINTED SCHEDULED COLOR.
13. WHERE APPLICABLE ALL FIXTURES AND DEVICES SHALL BE CENTERED ON A CEILING TILE.
14. INSTALL CONTROL JOINTS IN GYP. CEILINGS PER ASTM C 840.

CEILING SYMBOL LEGEND

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| | |
| | |
| ACT-1 _ CEILING TYPE AND CEILING HEIGHT ABOVE FINISHED FLOOR | |

CEILING PLAN LEGEND

- | | |
|--|--|
| | PROVIDE 1-HR RATED SHAFT WALL ASSEMBLY PER DETAIL 1/A400 |
|--|--|

ROOF PLAN GENERAL NOTES

1. ALL DRAWINGS ARE GRAPHIC REPRESENTATIONS OF APPROXIMATE LOCATIONS OF MATERIALS. FIELD VERIFY ALL CONDITIONS PRIOR TO THE COMMENCEMENT OF WORK.
2. REFER TO ALL DRAWINGS IN THE SET FOR LOCATIONS OF ALL ROOF PENETRATIONS, PROVIDE FRAMING AS REQUIRED.
3. WORK AREAS SHALL BE MAINTAINED AND ALL WORK AREAS SHALL BE BROOM CLEAN AT THE END OF EACH DAY.
4. ALL WOOD BLOCKING USED SHALL BE PRESSURE TREATED.
5. THE ROOF ELEVATIONS SHOWN ON THE PLAN ARE SHOWN TO ESTABLISH RELATIVE HEIGHTS OF THE INDIVIDUAL ROOFS.
6. NO WEEP HOLES SHALL BE COVERED OR PLUGGED AS A RESULT OF THE ROOFING WORK, UNLESS OTHERWISE DIRECTED.
7. MAINTAIN WATER TIGHTNESS AND PROVIDE PROTECTION AT ANY/ALL OPENINGS IN THE ROOF LEFT AT THE END OF EACH DAY.
8. PROVIDE CRICKETS FOR WATER DIVERSION AT ALL CURBS, RAILS, ETC. WHICH RUN PERPENDICULAR TO THE SLOPE OF THE INSULATION/SLOPED STRUCTURE.
9. ALL ROOF TOP UNITS SHALL BE MOUNTED ON 1/8" MIN. INSULATED METAL CURBS. PROVIDE TAPERED INSULATION CRICKETS AS REQUIRED TO SHED WATER. WOOD BLOCKING SHALL BE PROVIDED SO CURBS ARE 12" ABOVE FINISHED ROOF SURFACE.
10. ALL SADDLES AND CRICKETS ARE TO HAVE A MIN. 1/4" PER FOOT SLOPE AS INDICATED. PROVIDE CRICKETS FOR DIVERSION OF WATER AT ALL CURBS, RAILS, ETC. WHICH RUN PERPENDICULAR TO SLOPE OF INSULATION.
11. AT ALL MECHANICAL EQUIPMENT, PROVIDE SLOPED INSULATION AS REQUIRED TO DRAIN ROOF WATER AWAY FROM HIGH SIDE OF CURBS.
12. ALL CURBS FOR MECHANICAL EQUIPMENT SHALL BE PROVIDED BY THE MECHANICAL CONTRACTOR AND INSTALLED BY THE GENERAL CONTRACTOR. ASSOCIATED ROOF FLASHING BY GENERAL CONTRACTOR.
13. THE INSTALLED ROOFING SYSTEM SHALL MEET ALL REQUIREMENTS FOR CLASSIFICATION AS A UL CLASS "A" ROOF ASSEMBLY.

ROOF PLAN LEGEND

- | | |
|--|--|
| | PROVIDE NEW ROOFING SYSTEM TO MATCH EXISTING |
|--|--|

ROOF PLAN KEY NOTES

1. MECHANICAL EQUIPMENT SUPPORT RAIL OR ROOF CURB PROVIDED & INSTALLED BY M.C. G.C. TO FLASH INTO EXISTING ROOFING & PATCH ROOFING TO MATCH EXISTING AS REQ'D.
2. PENETRATION CURB PROVIDED & INSTALLED BY M.C. GC TO FLASH INTO EXISTING ROOFING

FLOOR PLAN GENERAL NOTES

1. ALL DRAWINGS ARE GRAPHIC REPRESENTATIONS OF APPROXIMATE LOCATIONS OF NEW MATERIALS. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
2. ALL WALL DIMENSIONS INDICATED ON FLOOR PLANS ARE FROM FACE OF STUD TO FACE OF STUD UNLESS OTHERWISE NOTED.
3. SEE SHEET A400 FOR INTERIOR PARTITION TYPES.
4. SEE A900S FOR INTERIOR AND EXTERIOR DOORS AND WINDOWS.
5. WORK AREAS SHALL BE MAINTAINED AND ALL WORK AREAS SHALL BE LEFT BROOMED CLEAN AT END OF EACH DAY.
6. COORDINATE WITH OTHER TRADES FOR SEQUENCING OF WORK.
7. REFER TO A701 FOR TYPICAL FIXTURE MOUNTING HEIGHTS AND ACCESSORIES LEGEND.
8. REFER TO A701 FOR FURNISH AND INSTALL SCOPE OF EQUIPMENT AND ACCESSORIES. EQUIPMENT SHOWN ON THESE DOCUMENTS ARE FOR REFERENCE ONLY AND ARE FOR COORDINATION OF M.E.P INFRASTRUCTURE TO OPERATE ITEMS INCLUDED UNDER THE SCOPE.
10. REFER TO OWNER FURNISHED EQUIPMENT DRAWINGS AND SUBMITTALS FOR FINAL COORDINATION AND INSTALLATION REQUIREMENTS INCLUDING BUT NOT LIMITED TO: DIMENSIONS, LOCATIONS & MEP CONNECTION LOCATION.
11. ALL FURNITURE IS PROVIDED BY OWNER UNLESS NOTED OTHERWISE.
12. PATCH AND FINISH ALL EXISTING WALLS TO REMAIN WITHIN THE PROJECT LIMIT AREA TO RECEIVE SPECIFIED FINISHES.
13. ALL EXISTING EXPANSION JOINT COVERS OR ASSEMBLIES ARE TO BE PROTECTED AND MAINTAINED DURING THE COURSE OF CONSTRUCTION UNLESS OTHERWISE NOTED.
14. PROVIDE CONCRETE FLOOR PATCH AND FLOOR LEVELING AT EXISTING CONCRETE FLOORS FOR NEW FINISHES.

FLOOR PLAN LEGEND

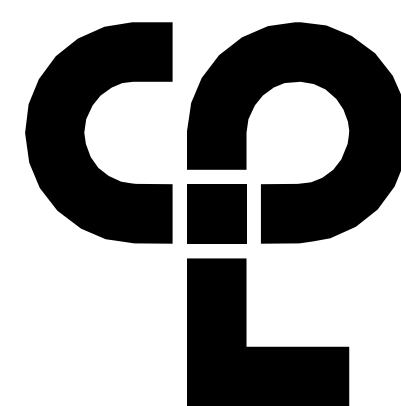
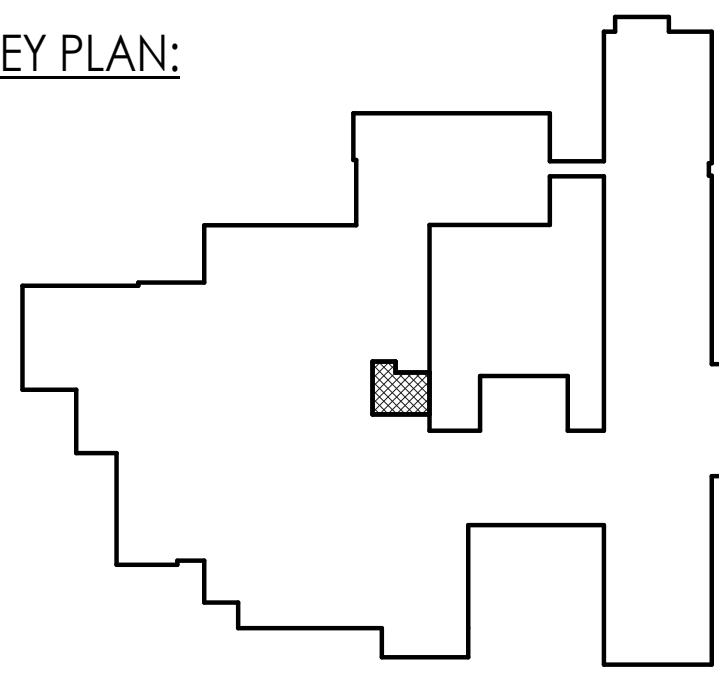
NOTE: THIS LEGEND MAY CONTAIN SYMBOLS THAT ARE NOT USED IN THIS PROJECT.

- | | | | |
|--|----------------------------|--|--------------------------------------|
| | DOOR TARGET, SEE SCHEDULE | | WINDOW TARGET, SEE SCHEDULE |
| | COLUMN LINE IDENTIFICATION | | ROOM TAG |
| | SECTION MARK | | WALL TYPE SEE A/400 |
| | INTERIOR ELEVATION MARK | | DETAIL FOR REFERENCE MARK |
| | EXTERIOR ELEVATION MARK | | DENOTES FINISH FLOOR GRADE ELEVATION |

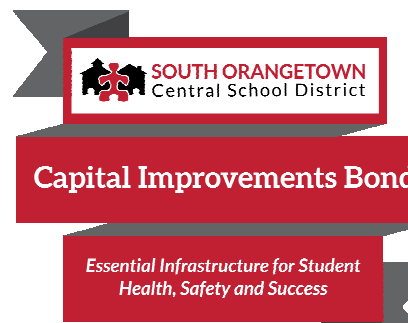
FLOOR PLAN KEY NOTES

1. INFILL EXTERIOR MASONRY WALL AT DEMOLISHED U.V. LOCATIONS. REFER TO DETAIL 1/A800
2. INSTALL OWNER SUPPLIED GLAZING AT OPENING WITH NEW STOPS. REFER TO A900
3. NEW CASEWORK BY OTHERS. GC TO PROVIDE BLOCKING AND WALL BASE. REFER TO INTERIOR ELEVATIONS AND A800 SERIES FOR DETAILS
4. PROVIDE SLAB INFILL PER DETAIL 8/P201 & 4/A800
5. INFILL EXISTING 4" CMU WALL WITH 1 HR RATED ASSEMBLY: 2.5" MTL. STUDS & GYPSUM BOARD. NEW GYP TO BE FLUSH ON CLASSROOM SIDE
6. EXISTING DATA RACK TO BE REINSTALLED BY DISTRICT
7. PATCH WALL BASE TO MATCH EXISTING AT NEW WALL. PAINT WALL CORNER TO CORNER. FLOOR TO CEILING TO MATCH EXISTING.
8. PROVIDE AND INSTALL MEDICUS HEALTH DOUBLE DOOR DOUBLE LOCK NARCOTICS CABINET ITEM #2976M1, OR EQUAL. VERIFY LOCATION WITH ARCHITECT PRIOR TO INSTALLATION
9. ROOM SIGN - REFER TO 10/A900
10. REFRIGERATOR AND WATER COOLER PROVIDED AND INSTALLED BY DISTRICT.
11. REFER TO RCP & A400 SHEET FOR SHAFT WALL DETAIL AND EXTENTS
12. INFILL MASONRY WALL AT DUCT REMOVAL ABOVE CEILING. REFER TO RCP.

KEY PLAN:



CPL | Architecture Engineering Planning
26 IBM Road
Poughkeepsie, NY 12601
CPLteam.com



PROJECT INFORMATION

Project Number
R23.01124.00

Client Name

SOUTH ORANGETOWN CENTRAL SCHOOL DISTRICT

Project Name

2024 CAPITAL IMPROVEMENTS PROJECT

SOUTH ORANGETOWN MIDDLE SCHOOL

Building Address
160 VAN WYCK ROAD, BLAUVELT, NY 10913

SED # 50-03-01-04-0-013-031

Registration, Expiration Dates
Lauren Tarras 06/30/24
Anthony Marchetti 05/31/24
Clyde Hoff 02/28/25
Jennifer Wengender 06/30/24

PROJECT ISSUE & REVISION SCHEDULE

Date Description

PROFESSIONAL STAMPS

NEW YORK STATE REGISTRATION

IF IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONERS' REGULATIONS FOR ANY PERSON, UNDER ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ACT AS SUCH IN ANY WAY, IF ANY, BEING THE SIGN OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR, THE SIGNING PARTY SHALL AFFIX TO THE DRAWING THEIR SIGNATURE AND THE WORDS "REGISTERED PROFESSIONAL" FOLLOWING BY THEIR SIGNATURE AND THE DATE OF SUCH SIGNATURE, AND A SPECIFIC DESCRIPTION OF THE VIOLATION.

SHEET INFORMATION

Issued 05/15/24 Scale As indicated

Project Status

BID DOCUMENTS

Drawn By

CPL

Checked By

CPL

Drawing Title

NURSE'S OFFICE NEW WORK

FLOOR PLAN, ROOF PLAN &

REFLECTED CEILING PLAN

Drawing Number

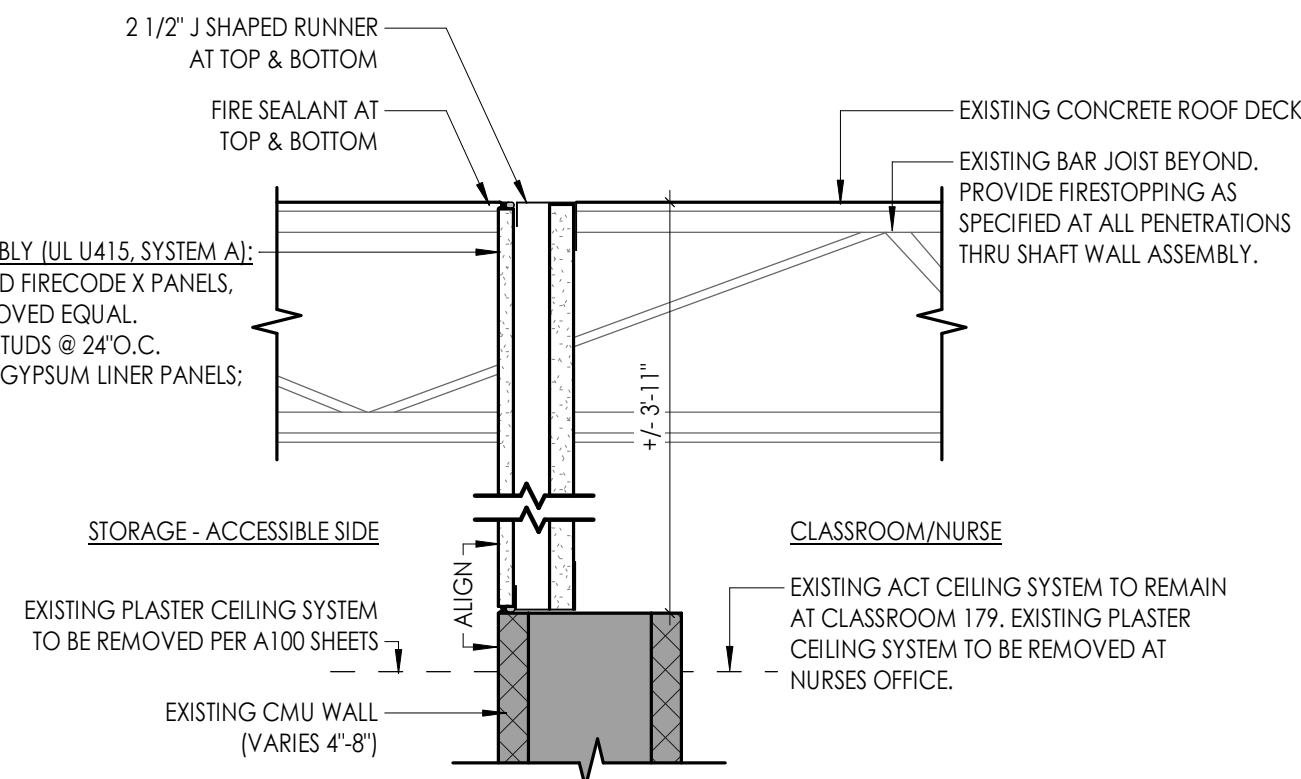
**SOMS
A200**

1
A400

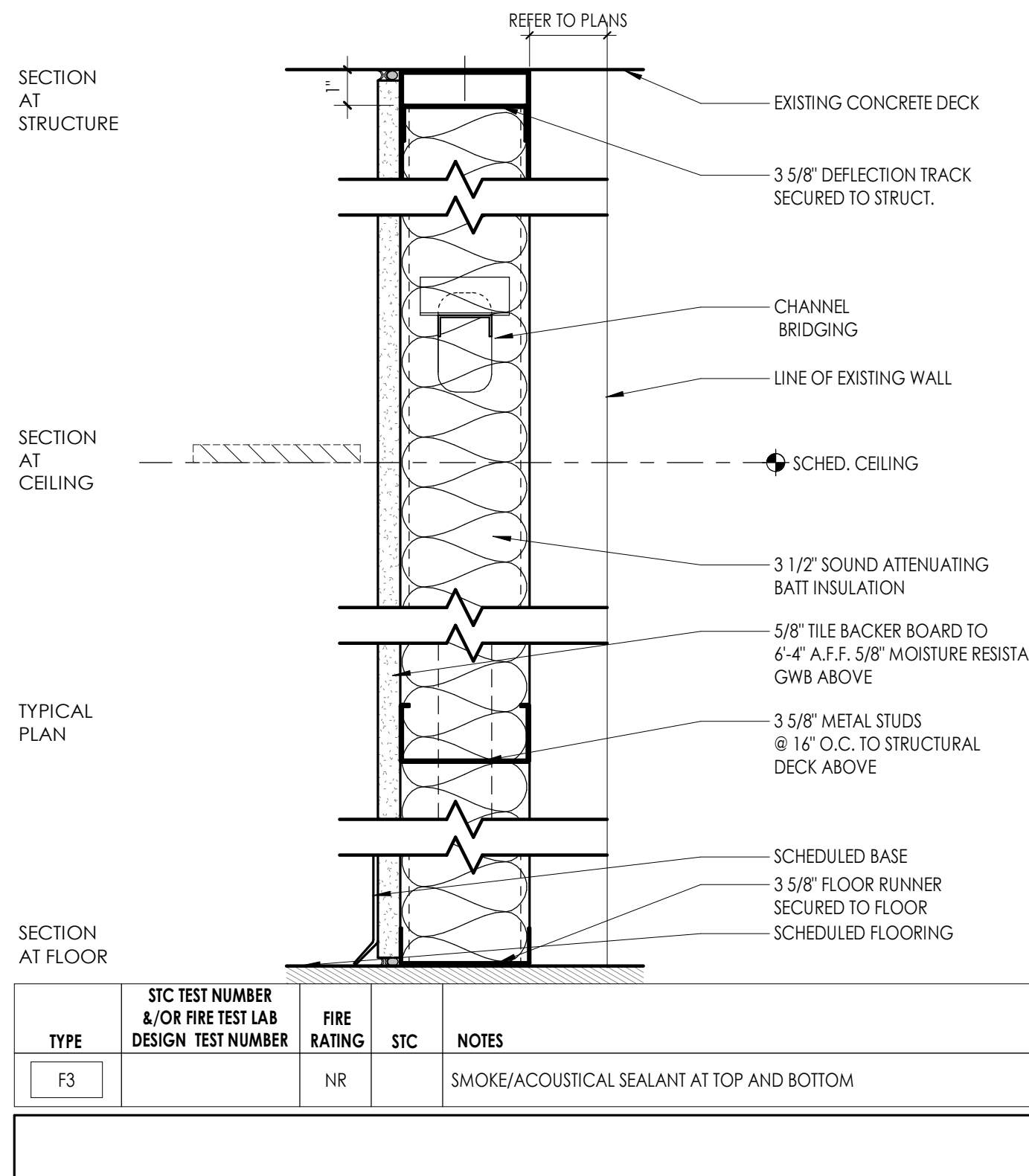
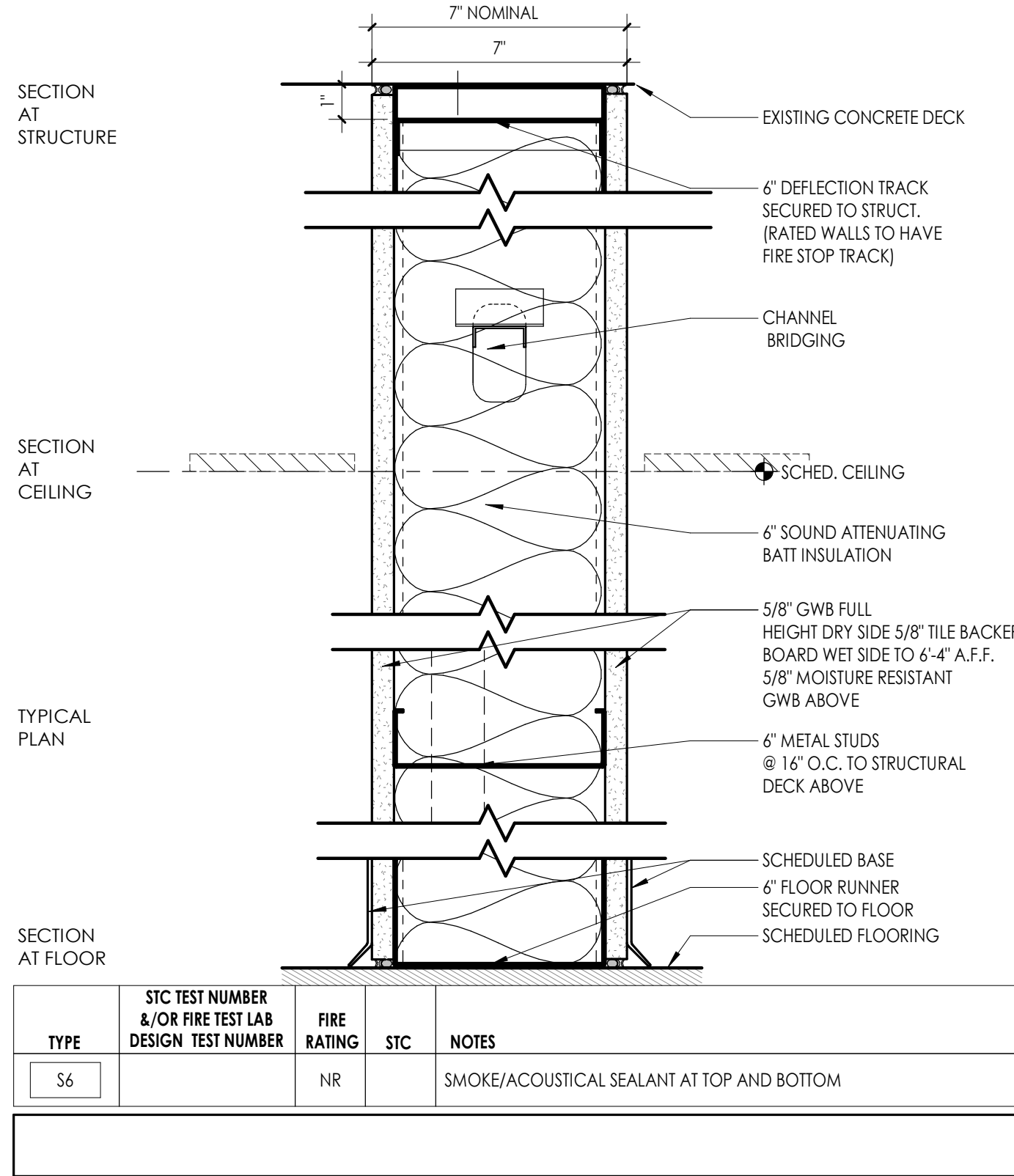
STORAGE ROOM SHAFT WALL

1 1/2" = 1'-0"

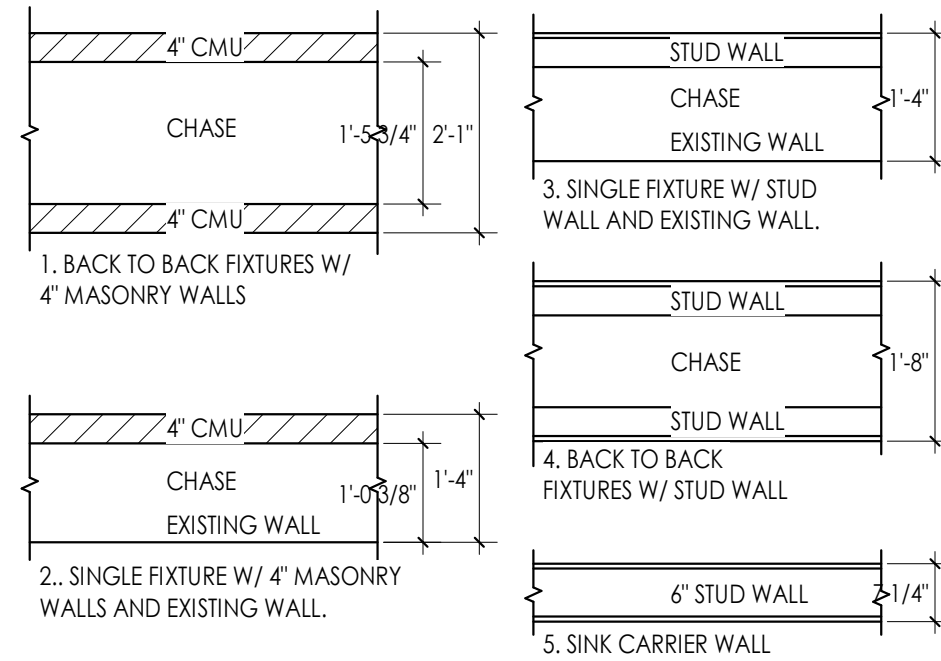
- 1-HR RATED SHAFT WALL ASSEMBLY (UL U415, SYSTEM A):
- 5/8" USG SHEETROCK BRAND FIRECODE X PANELS, JOINTS FINISHED; OR APPROVED EQUAL.
 - 2-1/2" METAL VENTED C-H STUDS @ 24" O.C.
 - 1" USG SHEETROCK BRAND GYPSUM LINER PANELS; OR APPROVED EQUAL.



NOTE: REFER TO RCP 3/A200 FOR LOCATIONS



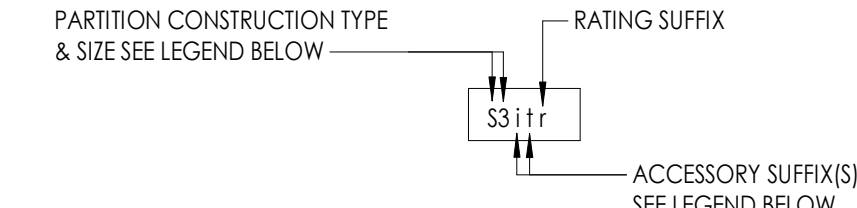
MIN. PLUMBING CHASE DIMENSIONAL REQUIREMENTS



PARTITION GENERAL NOTES

- ALL WALL TYPES MAY NOT BE USED ON THIS PROJECT.
- UNLESS NOTED OTHERWISE ALL PARTITIONS ARE FULL HEIGHT, EXTEND & SECURE TO UNDERSIDE OF CONCRETE DECK ABOVE.
- PROVIDE UL APPROVED JOINT AT ALL TOP OF WALL AND WALL TO WALL CONDITIONS AT ALL RATED WALLS.
- PROVIDE DEFLECTION TRACKS AT METAL STUD PARTITIONS THAT TERMINATE AT THE UNDERSIDE OF STRUCTURE AND DECK.
- ALL PENETRATIONS IN FIRE RATED PARTITIONS TO BE FIRE STOPPED AND SEALED. REFER TO SPEC DIVISION 7.
- REFER TO STRUCTURAL DRAWINGS FOR MASONRY WALL REINFORCEMENT.
- ALL PARTITIONS SHALL BE SEALED TO PREVENT PASSAGE FOR SMOKE.
- CONTRACTOR TO REFER TO CODE/LIFE SAFETY DRAWINGS FOR RATED PARTITIONS AND UL ASSEMBLIES.
- REFER TO INTERIOR DRAWINGS FOR LOCATIONS OF WALL TILE, AND OTHER SPECIALTY WALL FINISHES.
- REFER TO SPECIFICATIONS FOR METAL STUD GAUGE REQUIREMENTS.
- CONTRACTOR IS RESPONSIBLE TO COORDINATE ALL PARTITION ACCESSORIES (APPLIED FINISHES, RESILIENT CHANNEL, ADDITIONAL LAYERS OF SHEATHING, SHIELDING, ETC.) ITEMS SHOWN IN TYPICAL WALL CONSTRUCTION DETAILS MAY HAVE TO BE ARRANGED ON DIFFERENT SIDES OF WALL ASSEMBLY TO ACHIEVE FLUSH CONTINUOUS WALL SURFACES. ANY CONFLICTS SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.

PARTITION TYPE TAG LEGEND



PARTITION CONSTRUCTION TYPE & SIZE LEGEND

S# STEEL STUDS FINISH BOTH SIDES <ul style="list-style-type: none">1 = 1 5/8" C STUD2 = 2 1/2" C STUD3 = 3 5/8" C STUD4 = 4" C STUD6 = 6" C STUD8 = 8" C STUD	L# LUMBER (WOOD) STUDS FINISH BOTH SIDES <ul style="list-style-type: none">4 = 2"x4" NOMINAL LUMBER WOOD STUDS6 = 2"x6" NOMINAL LUMBER WOOD STUDS8 = 2"x8" NOMINAL LUMBER WOOD STUDS
F# STEEL STUD FURRING FINISH ONE SIDE <ul style="list-style-type: none">1 = 1 5/8" C STUD2 = 2 1/2" C STUD3 = 3 5/8" C STUD4 = 4" C STUD6 = 6" C STUD8 = 8" C STUD	LF# LUMBER (WOOD) STUD FURRING FINISH ONE SIDE <ul style="list-style-type: none">4 = 2"x4" NOMINAL LUMBER (WOOD) STUDS6 = 2"x6" NOMINAL LUMBER (WOOD) STUDS8 = 2"x8" NOMINAL LUMBER (WOOD) STUDS
W# STEEL STUD SHAFT WALL ASSEMBLY FINISH ONE SIDE <ul style="list-style-type: none">2 = 2 1/2" CH SHAFT WALL STUD4 = 4" CH SHAFTWALL STUD6 = 6" CH SHAFTWALL STUD	A APPLIED FINISH NON SELF SUPPORTING/ATTACHED TO OTHER STRUCTURE
B# CONSTRUCTION BARRIER/TEMP WALL <ul style="list-style-type: none">1 = 1 5/8" C STUD2 = 2 1/2" C STUD3 = 3 5/8" C STUD4 = 4" C STUD6 = 6" C STUD8 = 8" C STUD	C# RESILIENT CHANNEL NON SELF SUPPORTING/ATTACHED TO OTHER STRUCTURE <ul style="list-style-type: none">1 = 1/2" RC-1 RESILIENT CHANNEL2 = 1/2" RC-2 RESILIENT CHANNEL
M# CONCRETE MASONRY UNIT <ul style="list-style-type: none">4 = 4" NOMINAL CMU6 = 6" NOMINAL CMU8 = 8" NOMINAL CMU10 = 10" NOMINAL CMU12 = 12" NOMINAL CMU	H# HAT CHANNEL NON SELF SUPPORTING/ATTACHED TO OTHER STRUCTURE <ul style="list-style-type: none">1 = 7/8" HAT CHANNEL2 = 1 1/2" HAT CHANNEL
	Z# ZEE-FURRING NON SELF SUPPORTING/ATTACHED TO OTHER STRUCTURE <ul style="list-style-type: none">1 = 1" ZEE FURRING1.5 = 1 1/2" ZEE FURRING2 = 2" ZEE FURRING2.5 = 2 1/2" ZEE FURRING3 = 3" ZEE FURRING

PARTITION TYPE SUFFIX

ACCESSORIES SUFFIX:

- i - SOUND ATTENUATING BATT INSULATION (FIBERGLASS) FRICTION FIT BETWEEN STUDS TO FILL CAVITY
 - w - SOUND ATTENUATING FIRE BATT INSULATION (ROCK WOOL) FRICTION FIT BETWEEN STUDS TO FILL CAVITY
 - t - CERAMIC WALL TILE (1) SIDE W/ THINSET MORTAR BED, 5/8" CEMENT BACKER BOARD IN LIEU OF 5/8" GYP. AT TILE LOCATIONS - SEE INTERIOR ELEVATIONS FOR TILE EXTENTS
 - tt - CERAMIC WALL TILE (2) SIDES W/ THINSET MORTAR BED, 5/8" CEMENT BACKER BOARD IN LIEU OF 5/8" GYP. AT TILE LOCATIONS - SEE INTERIOR ELEVATIONS FOR TILE EXTENTS
 - b - INTERIOR VENEER MASONRY/STONE APPLIED FINISH, REFER TO DETAILS FOR CONSTRUCTION, AND INTERIOR ELEVATIONS FOR EXTENTS
 - g - CMU WALL GROUT CORES SOLID
 - s - ADD 1/2" RC1 RESILIENT SOUND CHANNEL BEHIND SPECIFIED SHEATHING
 - k - ADD ADDITIONAL (1) LAYER OF 5/8" GYP BOARD, TO ONE SIDE OF WALL
 - kk - ADD ADDITIONAL (2) LAYERS OF 5/8" GYP BOARD, (1) EA. SIDE OF WALL
 - e - ADD ADDITIONAL (1) LAYER OF 5/8" FRT PLYWOOD BOLTED TO WALL FOR MOUNTING OF ELECTRICAL PANELS/ EQUIPMENT WHERE NOTED ON ELEC. DWGS.
 - v - SUBSTITUTE (1) LAYER OF 5/8" SOUNDBLOCK GYP. W/ INTEGRAL VISCOELASTIC POLYMER CORE FOR (1) LAYER OF SPECIFIED 5/8" TYPE X GYP.
 - vv - SUBSTITUTE 5/8" SOUNDBLOCK GYP. W/ INTEGRAL VISCOELASTIC POLYMER CORE FOR ALL LAYER OF SPECIFIED 5/8" TYPE X GYP.
 - p - LEAD SHIELDING REFER TO PHYSICIST REPORT FOR REQUIREMENTS
 - x - COPPER MAGNETIC/RF SHIELDING REFER TO PHYSICIST REPORT FOR REQUIREMENTS
 - c - WALL FINISH TO TERMINATE 6" ABV. HIGHEST ADJACENT CEILING STUDS TO RUN TO UNDERSIDE OF DECK ABOVE.
 - y - WALL STRUCTURE TERMINATES 12" ABV. HIGHEST ADJACENT CEILING, PROVIDE STRUCTURAL BRACING AT TOP OF WALL AS REQUIRED.
 - n - KNEE WALL. REFER TO INTERIOR ELEVATIONS FOR HEIGHT & SILL CONDITION, REFER TO STRUCTURAL DETAILS FOR REQUIRED SUPPLEMENTAL STEEL AND ANCHORING REQUIREMENTS
- RATING SUFFIX:**
- r - 1 HR RATED ASSEMBLY REFER TO UL DETAILS FOR RATED CONSTRUCTION REQUIREMENTS
 - d - 2 HR RATED ASSEMBLY REFER TO UL DETAILS FOR RATED CONSTRUCTION REQUIREMENTS
 - rd - 3 HR RATED ASSEMBLY REFER TO UL DETAILS FOR RATED CONSTRUCTION REQUIREMENTS
 - dd - 4 HR RATED ASSEMBLY REFER TO UL DETAILS FOR RATED CONSTRUCTION REQUIREMENTS

PROJECT INFORMATION

Project Number
R23.01124.00
Client Name
SOUTH ORANGETOWN CENTRAL SCHOOL DISTRICT
Project Name
2024 CAPITAL IMPROVEMENTS PROJECT
SOUTH ORANGETOWN MIDDLE SCHOOL

Building Address
160 VAN WYCK ROAD, BLAUVELT, NY 10913

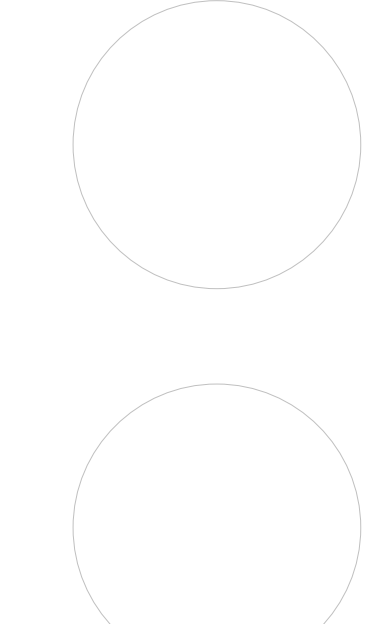
SED # 50-03-01-04-0-013-031

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Anthony Marchetti 05/31/24
Doreen Hoff 02/28/25
Jennifer Wengender 06/30/24

PROJECT ISSUE & REVISION SCHEDULE

Date Description

PROFESSIONAL STAMPS



NEW YORK STATE REGISTRATION

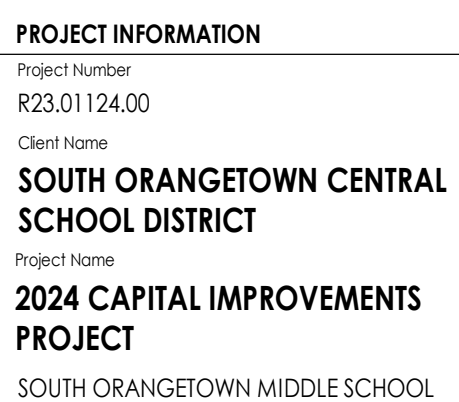
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SHEET INFORMATION

Issued
05/15/24
Scale
As indicated
Project Status
BID DOCUMENTS
Drawn By
CPL
Checked By
CPL
Drawing Title
WALL TYPES

Drawing Number

SOMS
A400

[illegible]

PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT

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Drawing Number

SOMS
A800



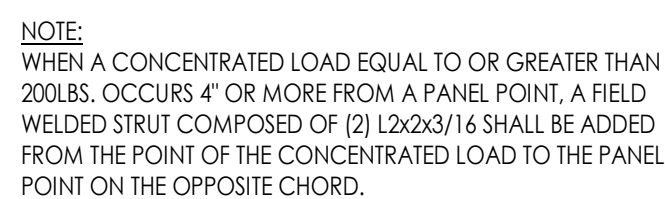
1. REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR UTILITY LOCATIONS.

8
A800



1. THE ABOVE STEEL SIZES SHALL BE USED UNLESS NOTED OTHERWISE ON THE PLANS.
2. CONTRACTOR TO COORDINATE EQUIPMENT AND OPENING SUPPORTS WITH MECHANICAL CONTRACTOR AND FINAL APPROVED EQUIPMENT SUBMITTAL.
3. L4x4x5/16 MEMBERS CAN BE REPLACED WITH L3x3x1/4 MEMBERS FOR EQUIPMENT LESS THAN 1,000 LB IN TOTAL WEIGHT (INCLUDES OPERATING WEIGHT).

7



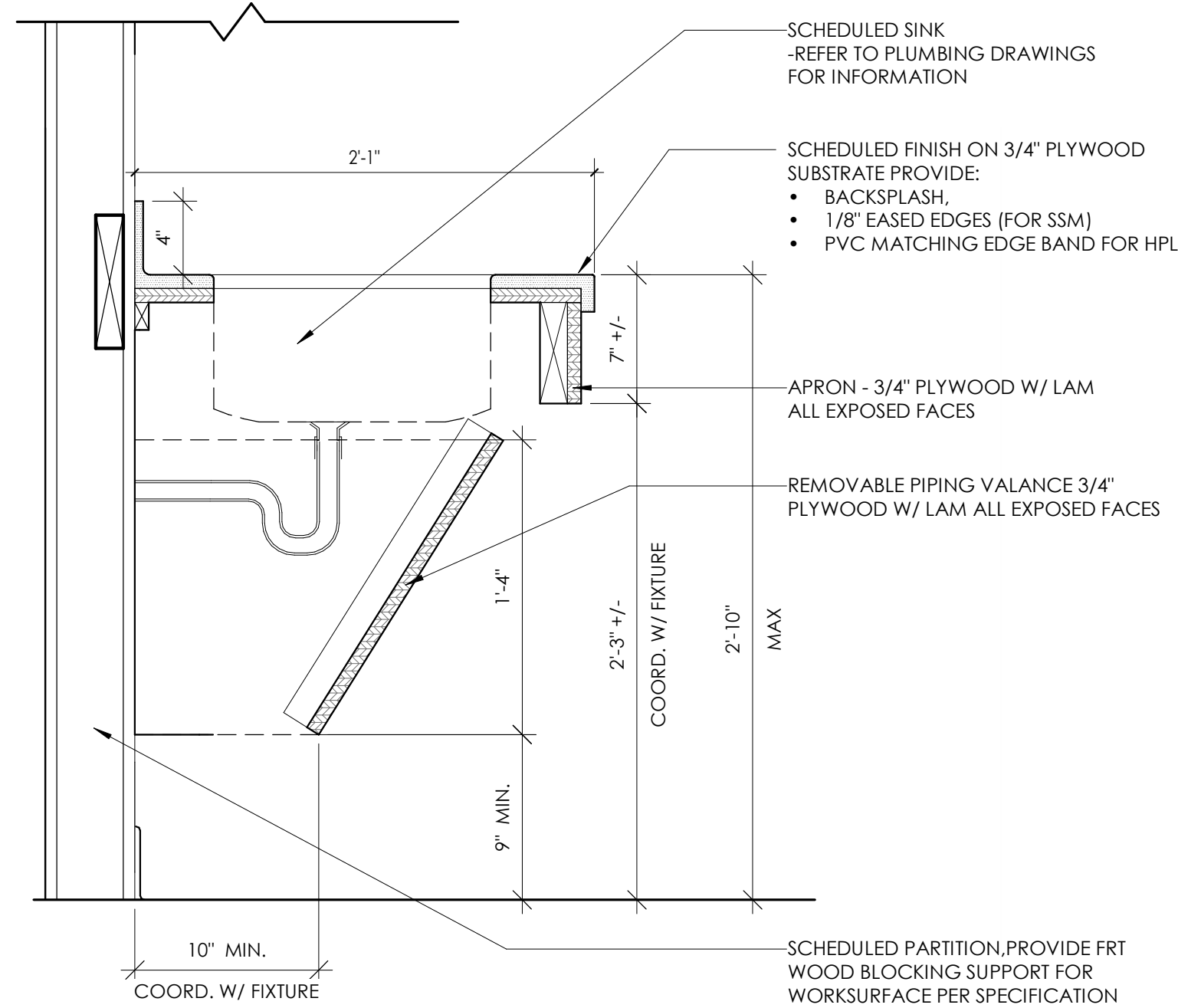
6
A800



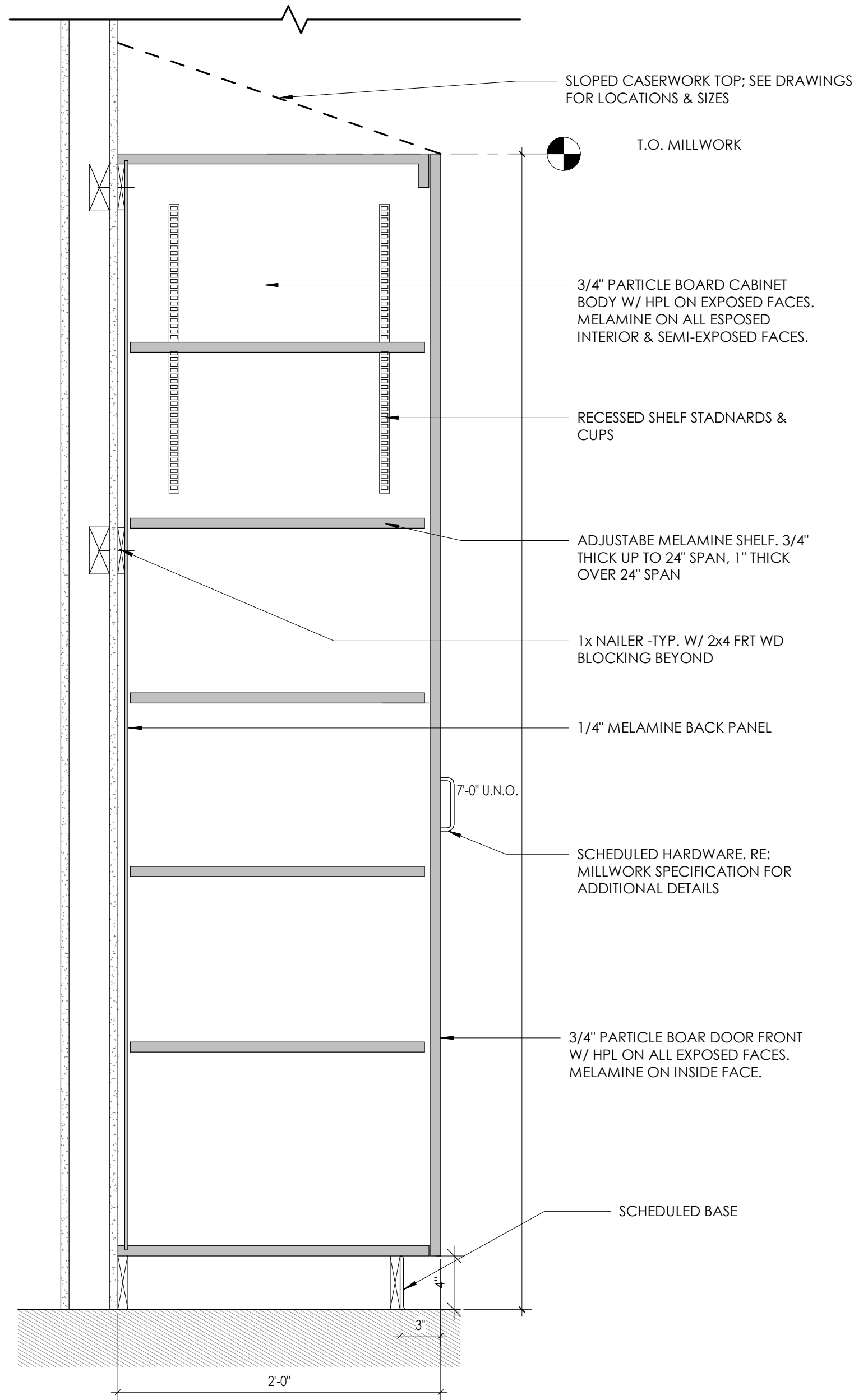
1. THE ABOVE STEEL SIZES SHALL BE USED UNLESS NOTED OTHERWISE ON THE PLANS.
2. CONTRACTOR TO COORDINATE EQUIPMENT AND OPENING SUPPORTS WITH MECHANICAL CONTRACTOR AND FINAL APPROVED EQUIPMENT SUBMITTAL.

2

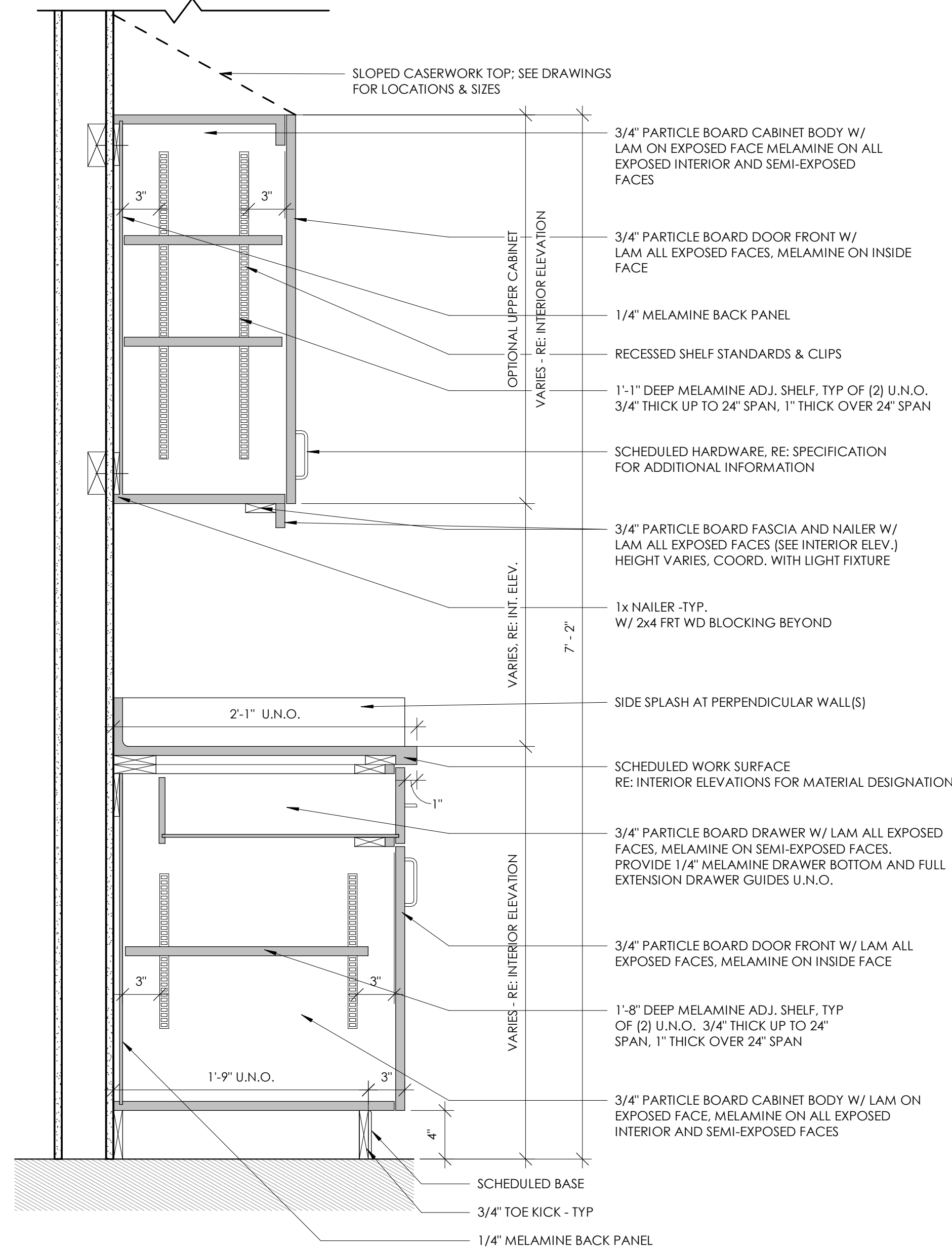




3
A801
TYPICAL CASEWORK DETAIL - ADA SINK APRON
1 1/2" = 1'-0"

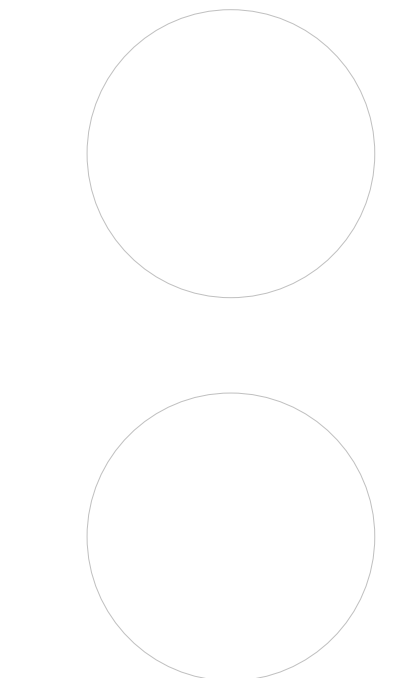


2
A801
TYPICAL CASEWORK DETAIL - TALL CABINET
1 1/2" = 1'-0"

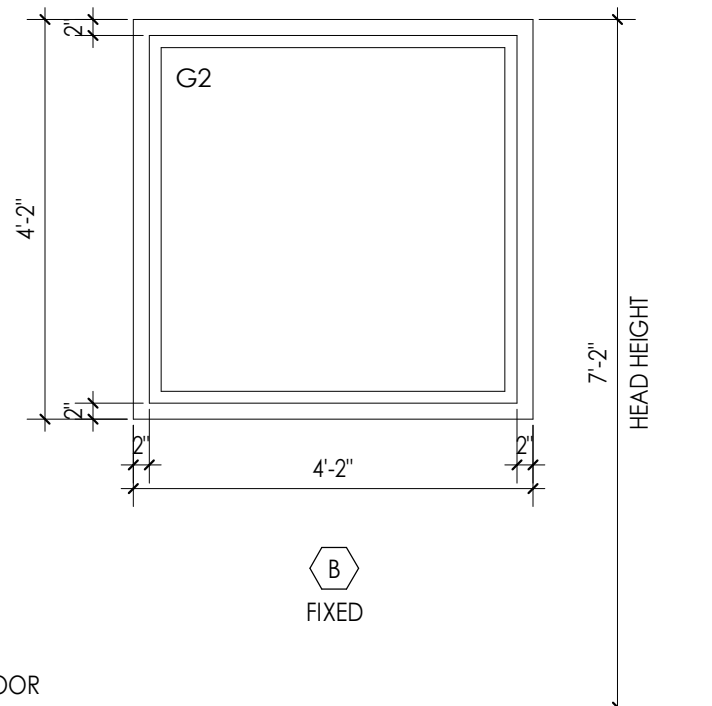
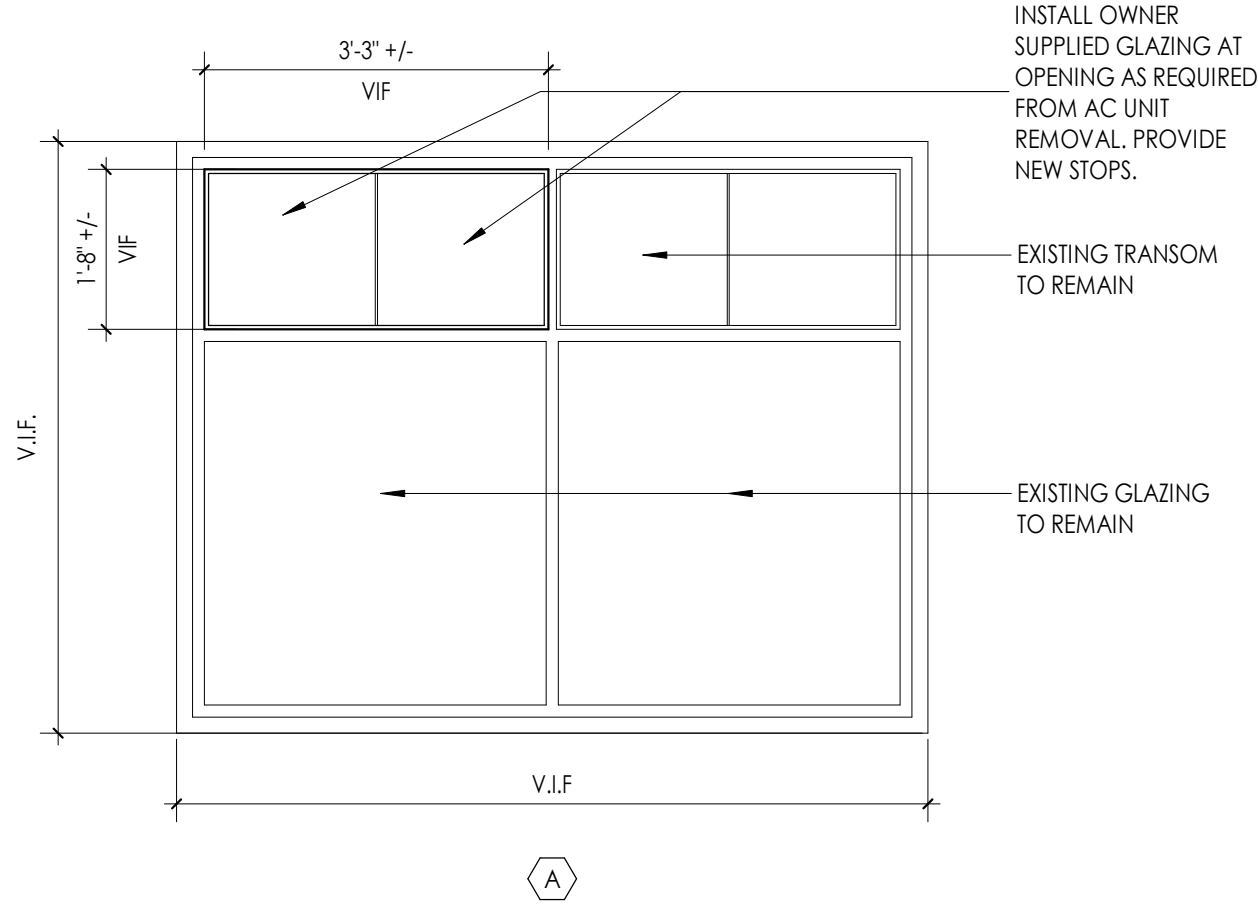
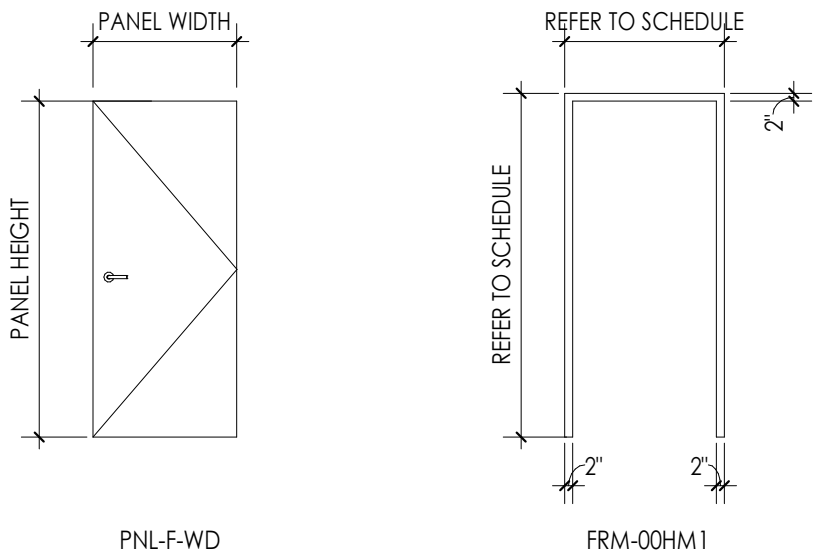


1
A801
TYPICAL CASEWORK DETAIL - BASE & UPPER CABINETS
1 1/2" = 1'-0"

NOTE: CASEWORK & COUNTERTOPS PROVIDED & INSTALLED BY OTHERS. GC IS RESPONSIBLE FOR BLOCKING & WALL BASE AS SCHEDULED. CASEWORK & COUNTERTOPS SHOWN FOR REFERENCE ONLY.



DOOR SCHEDULE- NEW									
DOOR		DOOR PANELS					DOOR FRAME		
DOOR NUMBER	FIRE RATING (MIN)	PANEL TYPE PANEL 1	TOTAL PANEL DIMENSIONS			PANEL FINISH	FRAME TYPE	FRAME WIDTH	FRAME HEIGHT
			WIDTH	HEIGHT	THICKNESS				
190A		PNL-F-WD	3'-0"	7'-0"	0'-1 3/4"	WOOD	FRM-00HM1	3'-4"	7'-2"
190B		PNL-F-WD	3'-0"	7'-0"	0'-1 3/4"	WOOD	FRM-00HM1	3'-4"	7'-2"
190C	45	PNL-F-WD	3'-0"	7'-0"	0'-1 3/4"	WOOD	FRM-00HM1	3'-4"	7'-2"
190D		PNL-F-WD	3'-0"	7'-0"	0'-1 3/4"	WOOD	FRM-00HM1	3'-4"	7'-2"



DOOR AND FRAME NOTES

- REFER TO A900S FOR DOOR & FRAME SCHEDULE
- ALL FRAMES ARE TO RECEIVE FULL PERIMETER SEALANT, INTERIOR AND EXTERIOR
- ALL DOOR AND WINDOW OPENING DIMENSIONS ARE TO BE VERIFIED IN FIELD AND COORDINATED WITH APPROVED SHOP DRAWINGS PRIOR TO FABRICATION.
- SEE SCHEDULE FOR DOOR & FRAME MATERIAL

DOOR AND FRAME SCHEDULE LEGEND

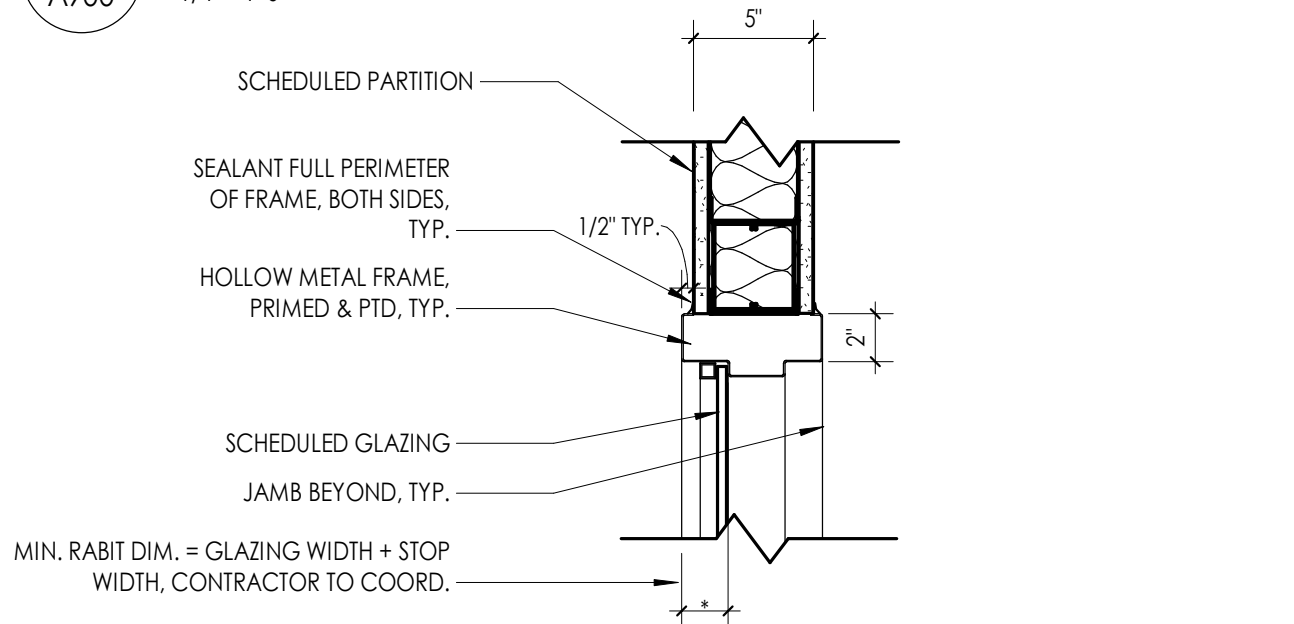
NOTE: THIS LEGEND MAY CONTAIN SYMBOLS THAT ARE NOT USED IN THIS PROJECT.

DOOR OR FRAME MATERIAL		DOOR OR FRAME FINISH	
ACR	ACROVYN DOOR	PTD	PAINT
ACR-L	ACROVYN LEAD LINED DOOR	ST	WOOD STAIN
ALUM	ALUMINUM	DB	DARK BRONZE(ANODIZED)
ETR	EXISTING TO REMAIN	SS	STAINLESS STEEL
HM	HOLLOW METAL	BE	BAKED ENAMEL
HM-L	HOLLOW METAL LEAD LINED		
IHM	INSULATED HOLLOW METAL		
WD	WOOD		
WD-L	WOOD LEAD LINED		

TYPE	GLAZING DESCRIPTION
G1	1" THICK INSULATED GLASS (CLEAR, TEMPERED, LOW-E)
G2	1/4" THICK SAFETY FLOAT GLASS (CLEAR, TEMPERED)

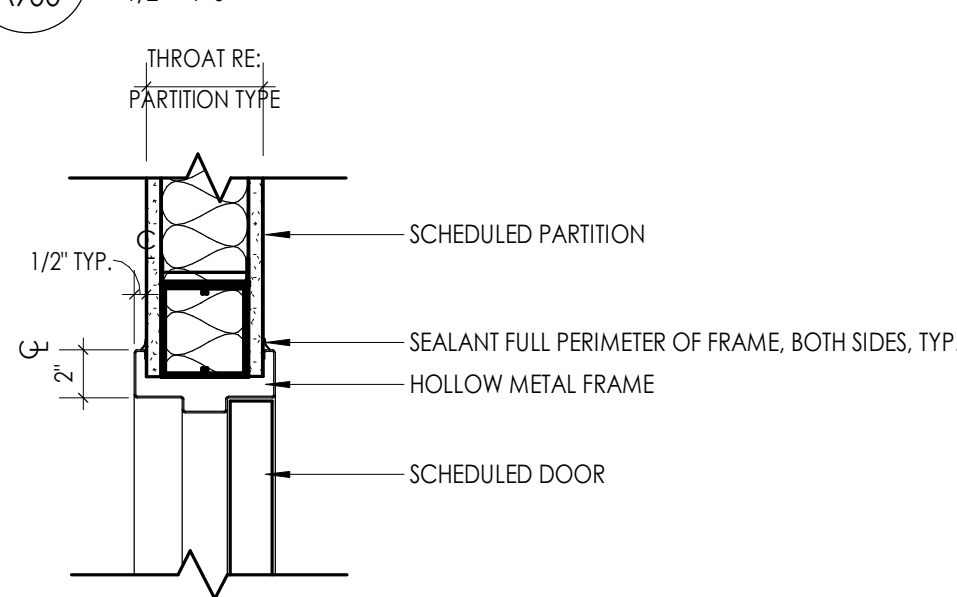
1 DOOR & FRAME TYPES

1/4" = 1'-0"



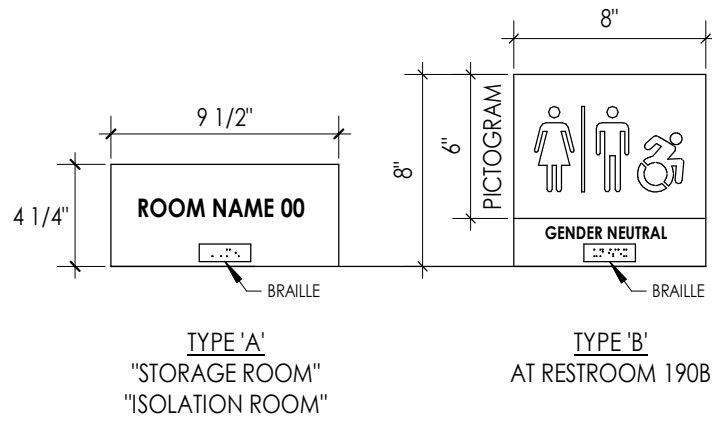
2 WINDOW ELEVATION @ AC REMOVAL

1/2" = 1'-0"



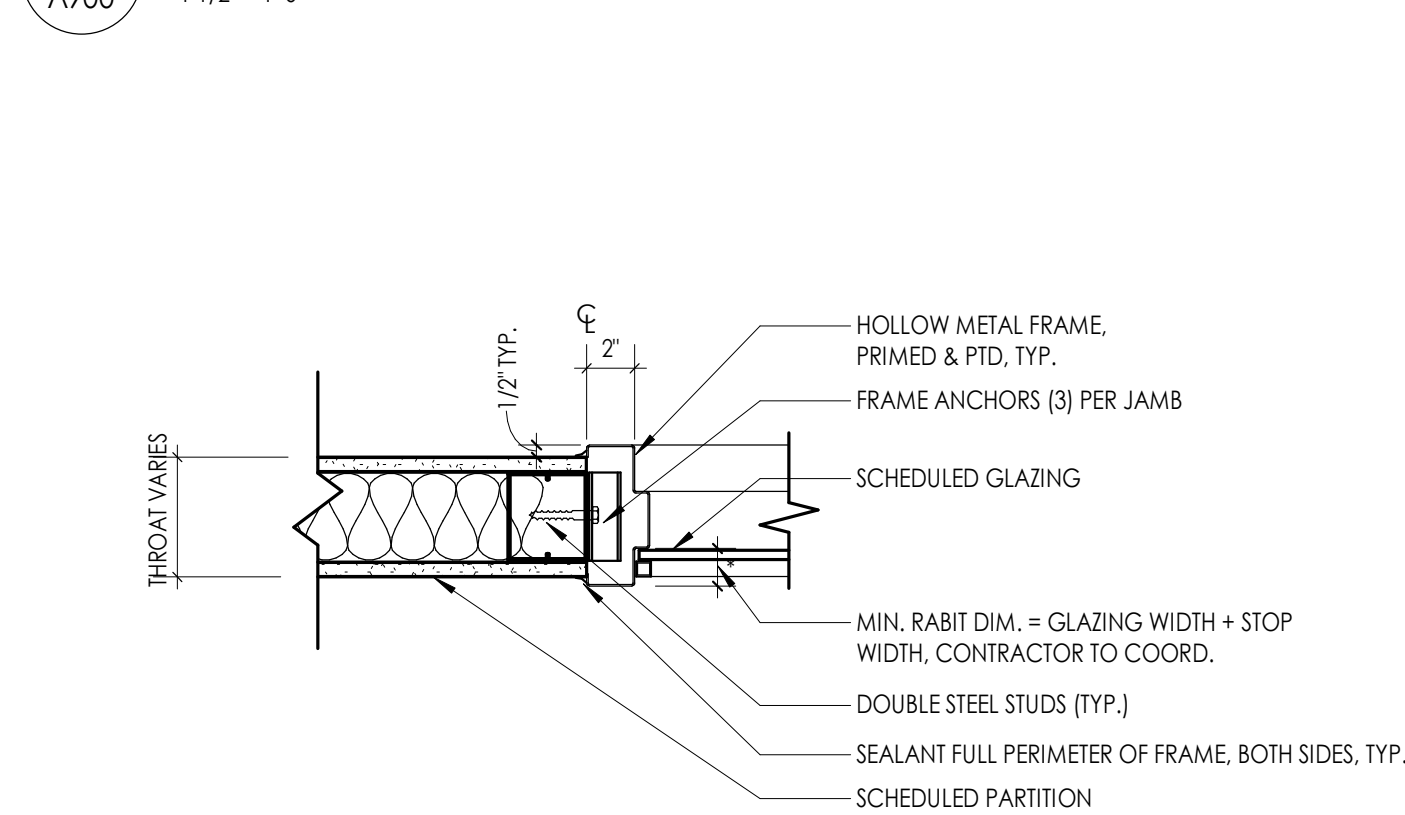
3 HOLLOW METAL BORROWED LITE ELEVATION

1/2" = 1'-0"



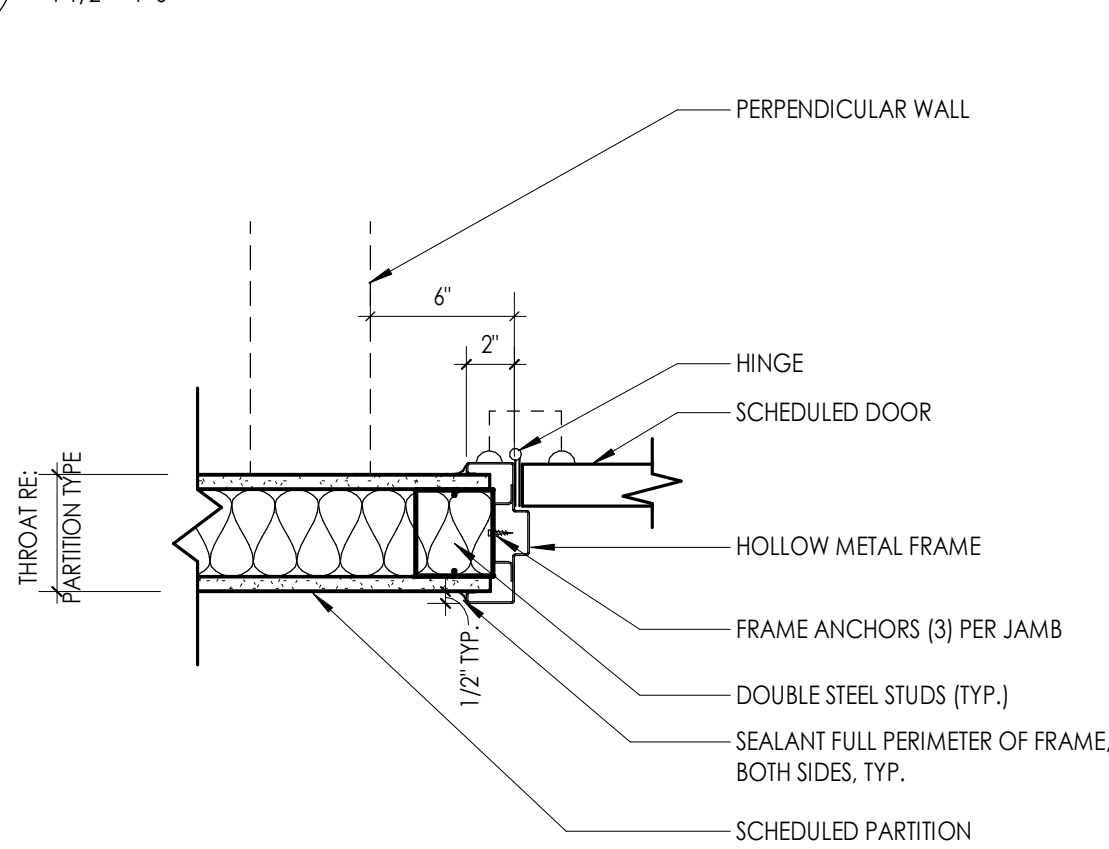
4 HM FRAME WINDOW - HEAD DETAIL

1 1/2" = 1'-0"



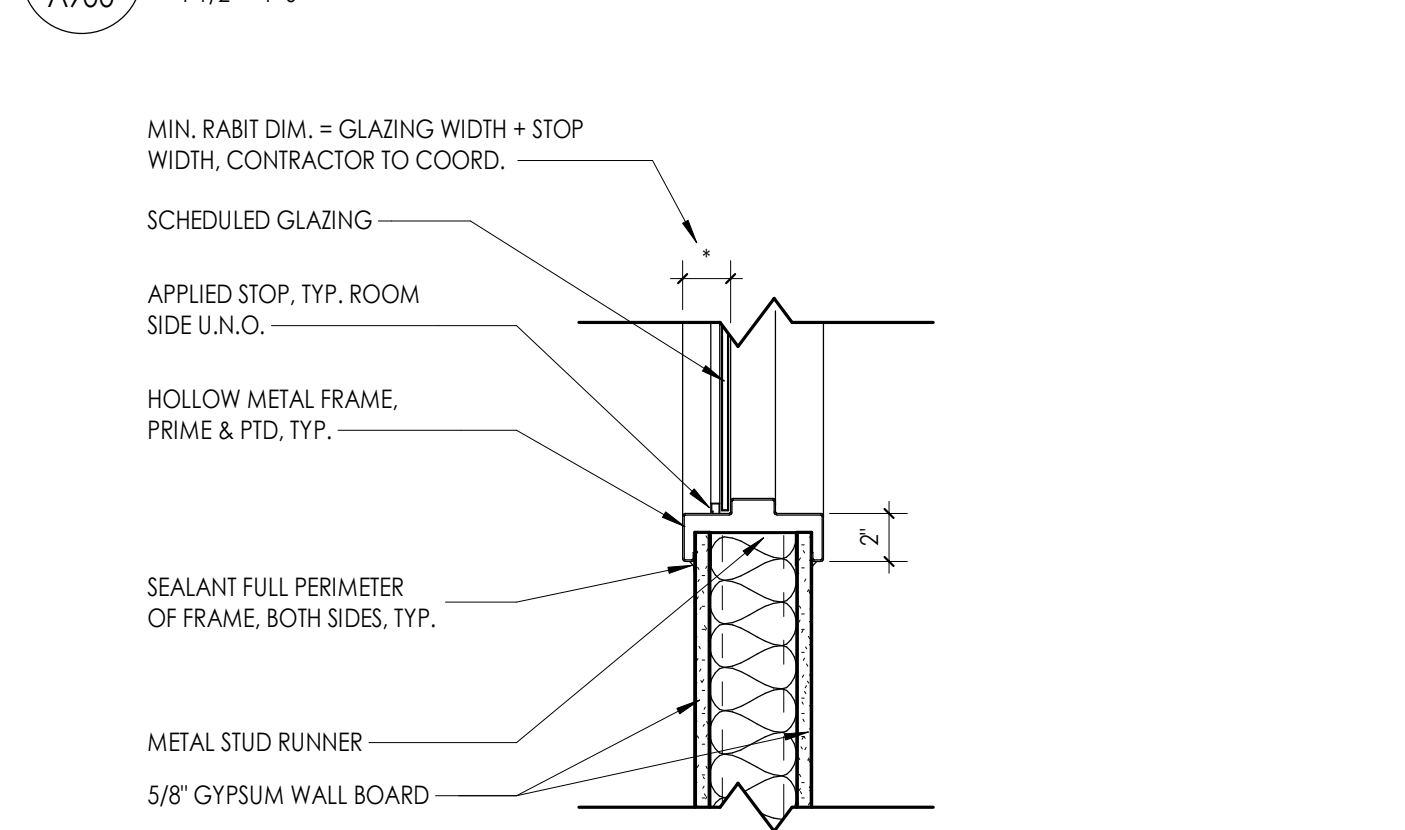
7 HM FRAME DOOR - HEAD DETAIL

1 1/2" = 1'-0"



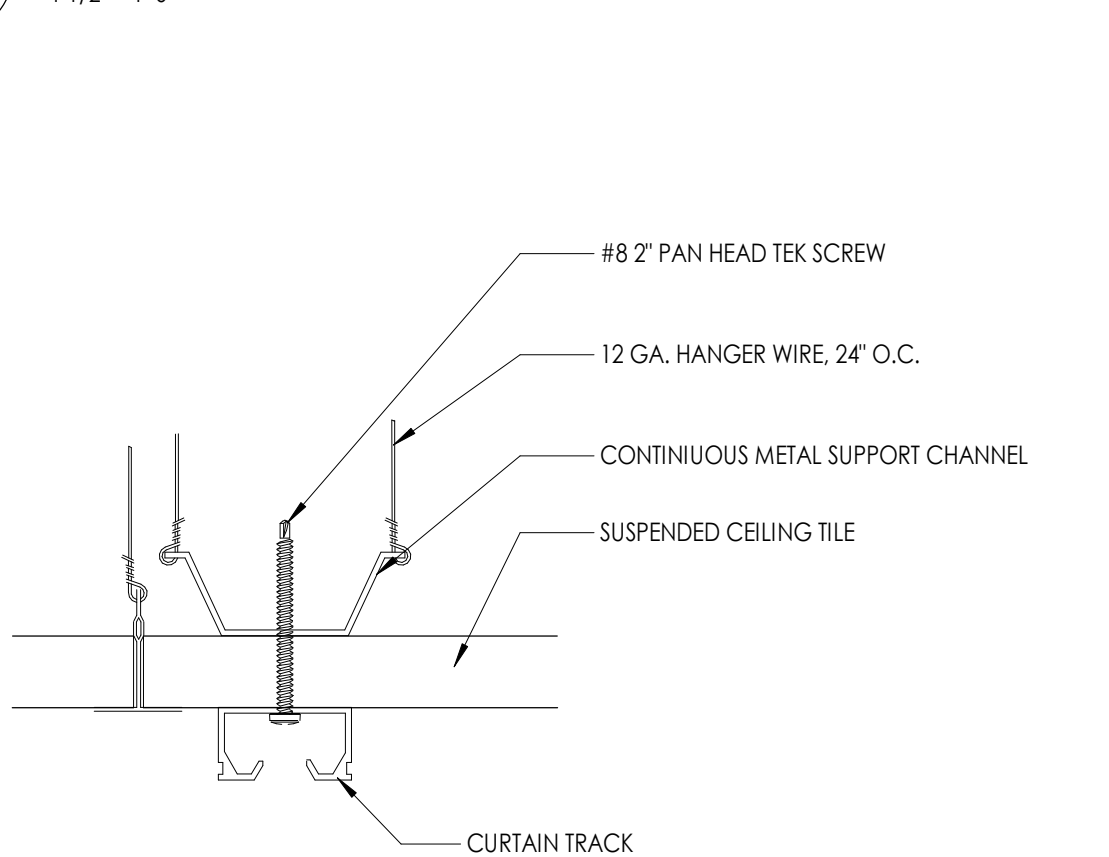
5 HM FRAME WINDOW - JAMB DETAIL

1 1/2" = 1'-0"



8 HM FRAME DOOR - JAMB DETAIL

1 1/2" = 1'-0"

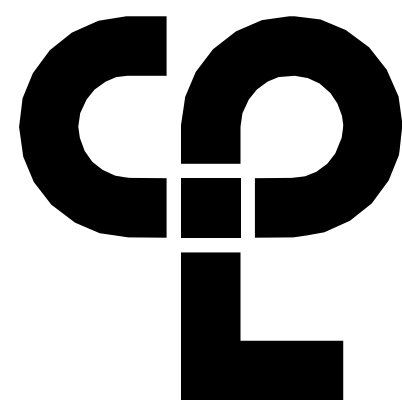


6 HM FRAME WINDOW - SILL AT WALL DETAIL

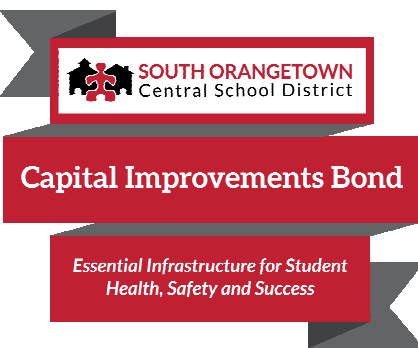
1 1/2" = 1'-0"

9 CURTAIN TRACK DETAIL

6\"/>



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Poughkeepsie, NY 12601
CPLteam.com



PROJECT INFORMATION

Project Number

R23.01124.00

Client Name

SOUTH ORANGETOWN CENTRAL SCHOOL DISTRICT

Project Name

2024 CAPITAL IMPROVEMENTS PROJECT

SOUTH ORANGETOWN MIDDLE SCHOOL

Building Address

160 VAN WYCK ROAD, BLAUVELT, NY 10913

SED # 50-03-01-04-0-013-031

Registration Expiration Dates

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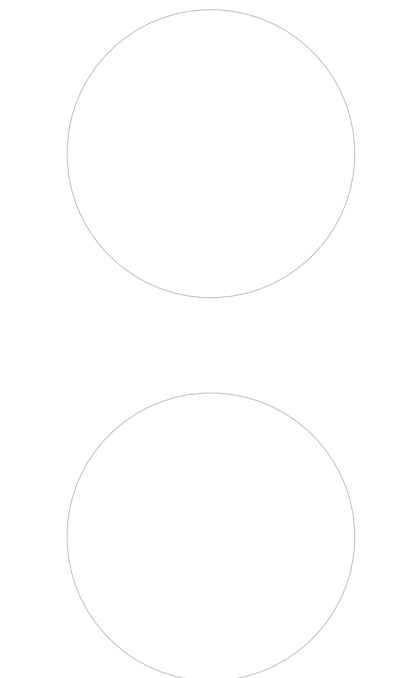
Oliver Hoff 02/28/25

Jennifer Wengender 06/30/24

PROJECT ISSUE & REVISION SCHEDULE

Date Description

PROFESSIONAL STAMPS



NEW YORK STATE EDUCATION LAW

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PRINT NAME WITH THE NEW YORK SEAL AND THE LICENSE NUMBER BY FOLLOWING BY THEIR SIGNATURE AND THE DATE OF SUCH SIGNATURE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

SHEET INFORMATION

Issued

05/15/24

Project Status

BID DOCUMENTS

Drawn By

CPL

Drawing Title

DOOR PANELS, FRAME TYPES & SCHEDULES

Drawing Number

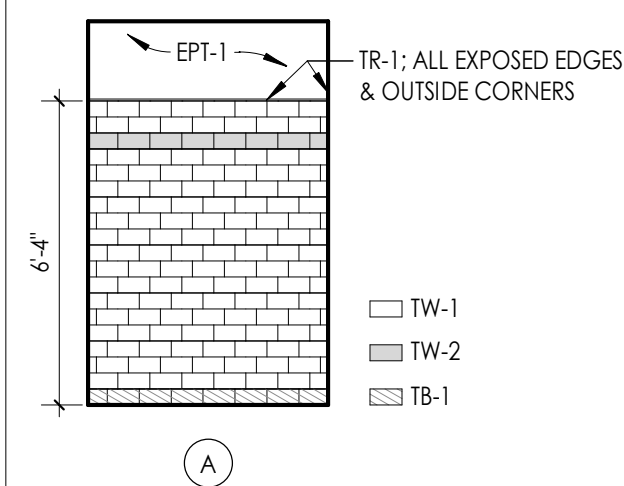
**SOMS
A900**

INTERIOR FINISH SCHEDULE						
FINISH CODE	MANUFACTURER	PATTERN/STYLE	COLOR	SIZE	SPECIFICATIONS	NOTES
ACOUSTICAL CEILING TILE (ACT)						
ACT-1	ARMSTRONG CEILINGS OR EQUAL	SCHOOL ZONE FINE FISSURED 1820	WHITE	24" X 24" X 3/4"	CLASS A FIRE PERFORMANCE; NRC .70; CAC 35; 82% LIGHT REFLECTANCE; BIOBLOCK, MILDEW & MOLD RESISTANT; WITH 15/16" PRELUDE XL SUSPENSION SYSTEM; WHITE	TYPICAL 2'X2' ACT
CUBICLE CURTAIN (CC)						
CC-1	INPRO OR EQUAL	SHIELD BY PANAZ FABRIC, PATTERN TBD	TBD	54" MIN. FABRIC WIDTH; SEAM AS DETERMINED BY SELECTED pattern	PASSES NFPA 701 FIRE TESTING; 53.52% FLAME RETARDANT POLYESTER, 46.48% POST-CONSUMER RECYCLED POLYESTER; RAILROADED INSTALLATION. PROVIDE WITH CLICKEZE CUBICLE CURTAIN TRACK, COLOR: WHITE.	TYPICAL CUBICLE CURTAIN
EPOXY PAINT (EPT)						
EPT-1	SHERWIN WILLIAMS OR EQUAL	PRO-INDUSTRIAL WATER BASED CATALYZED EPOXY	WESTHIGHLAND WHITE SW-7566	N/A	REFER TO SPECIFICATIONS	TOILET ROOM
GROUT (GRT)						
GRT-1	LATICRETE OR EQUAL	SPECTRLOCK PRO	BRIGHT WHITE 44	JOINT SIZE DETERMINED BY MANUFACTURER	HIGH PERFORMANCE EPOXY GROUT WITH MICROBAN ANTIMICROBIAL PROTECTION	WALL TILE GROUT
GRT-2	LATICRETE OR EQUAL	SPECTRLOCK PRO	NATURAL GREY 24	JOINT SIZE DETERMINED BY MANUFACTURER	HIGH PERFORMANCE EPOXY GROUT WITH MICROBAN ANTIMICROBIAL PROTECTION	FLOOR TILE GROUT
HIGH PRESSURE PLASTIC LAMINATE (HPL)						
HPL-1	WILSONART OR EQUAL	AEON SCRATCH RESISTANT	PHANTOM CHARCOAL 8214K-28	N/A	GRAIN TO RUN VERTICALLY	VERTICAL; CASEWORK
PAINT (PT)						
PT-1	SHERWIN WILLIAMS OR EQUAL	PRO MAR 200	CAVIAR SW-6990	N/A	REFER TO SPECIFICATIONS	HM FRAMES & DOORS
PT-2	SHERWIN WILLIAMS OR EQUAL	PRO MAR 200	CEILING BRIGHT WHITE SW-7007	N/A	REFER TO SPECIFICATIONS	CEILINGS
PT-3	SHERWIN WILLIAMS OR EQUAL	PRO MAR 200	ALPACA SW-7022	N/A	REFER TO SPECIFICATIONS	FIELD, U.N.O.
PT-4	SHERWIN WILLIAMS OR EQUAL	PRO MAR 200	DELFT SW-9134	N/A	REFER TO SPECIFICATIONS	ACCENT
SHEET VINYL (SV)						
SV-1	TARKETT OR EQUAL	ARIA 3.0	DIORITE 0672	6.5' X 75.5' ROLL X 0.080 THK	CLASS 1 FIRE RESISTANCE, HOMOGENOUS VINYL CONSTRUCTION; 2MM WEAR LAYER; 2MM TOTAL THICKNESS; DIRECT GLUE-DOWN INSTALLATION; LIMITED 10-YEAR WARRANTY; INSTALL WITH 4" INTEGRAL BASE;	TYPICAL FLOORING
SOLID SURFACE MATERIAL (SSM)						
SSM-1	CORIAN OR EQUAL	N/A	EVEREST	3/4" THICK	REFER TO SPECIFICATIONS	TYPICAL COUNTERTOP
TILE - BASE (TB)						
TB-1	CROSSVILLE OR EQUAL	COLOR BY NUMBERS - COVE BASE	TEA FOR TWO GLOSS WT02	4" X 8" X 1/4"	C650 CHEMICAL RESISTANT; MOHS 7; INSTALL WITH 1/16" GROUT JOINT	TOILET ROOM
TILE - FLOOR (TF)						
TF-1	DALTILE OR EQUAL	KEYSTONES	UPSTOWN TAUPE SPECKLE D202	2' X 2' MOSAIC (1/2" X 24" DOT-MOUNTED SHEET)	C650 CHEMICAL RESISTANT; CVOF > 0.42; INSTALL WITH 1/8" GROUT JOINT	TOILET ROOM
TILE - WALL (TW)						
TW-1	CROSSVILLE OR EQUAL	COLOR BY NUMBERS	TEA FOR TWO GLOSS WT02	4" X 8" X 1/4"	C650 CHEMICAL RESISTANT; MOHS 7; INSTALL WITH 1/16" GROUT JOINT	TOILET ROOM; FIELD TILE
TW-2	CROSSVILLE OR EQUAL	COLOR BY NUMBERS	CARBON 14 WT14	4" X 8" X 1/4"	C650 CHEMICAL RESISTANT; MOHS 7; INSTALL WITH 1/16" GROUT JOINT	TOILET ROOM; ACCENT TILE
TRANSITION (TS)						
TS-1	DALTILE OR EQUAL	MARBLE THRESHOLD	TBD	1/2" THICK	TRANSITION MUST BE ADA COMPLAINT	SV TO TILE
TS-2	SCHLUTER SYSTEMS OR EQUAL	SCHIENE	SATIN ANODIZED ALUMINUM (AE)	AS REQUIRED	TRANSITION MUST BE ADA COMPLAINT	SV TO ETR TERRAZZO
TRIM (TR)						
TR-1	SCHLUTER SYSTEMS OR EQUAL	JOLLY	SATIN ANODIZED ALUMINUM (AE)	AS REQUIRED TO MEET TILE THICKNESS	INSTALL AT ALL EXPOSED EDGES & OUTSIDE CORNERS OF TILE INSTALLATION	TOILET ROOM
WINDOW TREATMENT (WT)						
WT-1	BLUESHADE BY DRAPERY INDUSTRIES OR EQUAL	E SCREEN - 3% OPENNESS	WHITE/LINEN 7501	FULL RANGE: WIDTH VARIES; G.C. TO VERIFY IN FIELD	BLUESHADE MANUAL CLUTCH WITH 4" SQUARE FASCIA; ANODIZED ALUMINUM.	TYPICAL WINDOW TREATMENT
WT-2	BLUESHADE BY DRAPERY INDUSTRIES OR EQUAL	FLOCKE - 0% OPENNESS	CHARTREUX 000608	FULL RANGE: WIDTH VARIES; G.C. TO VERIFY IN FIELD	BLUESHADE MANUAL CLUTCH WITH 4" SQUARE FASCIA; ANODIZED ALUMINUM.	BLACKOUT SHADE AT ISOLATION ROOM

NOTE: CONTRACTOR TO ENSURE ALL MATERIALS ARE ORDERED MIN. 12 WEEKS PRIOR TO SCHEDULED INSTALLATION DATE TO ACCOUNT FOR MATERIAL BACKORDERS. ADDITIONAL TIME MAY BE REQUIRED FOR SPECIALTY ITEMS. GC TO WORK WITH PRODUCT REP OR MANUFACTURER TO DETERMINE ADDITIONAL LEAD TIMES. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE ALL MATERIALS ARE IN STOCK AND AVAILABLE WITHIN THE CONSTRUCTION WINDOW. CONTRACTOR SHALL INFORM A CPL AS SOON AS POSSIBLE OF ANY LEAD TIME OR AVAILABILITY ISSUES.

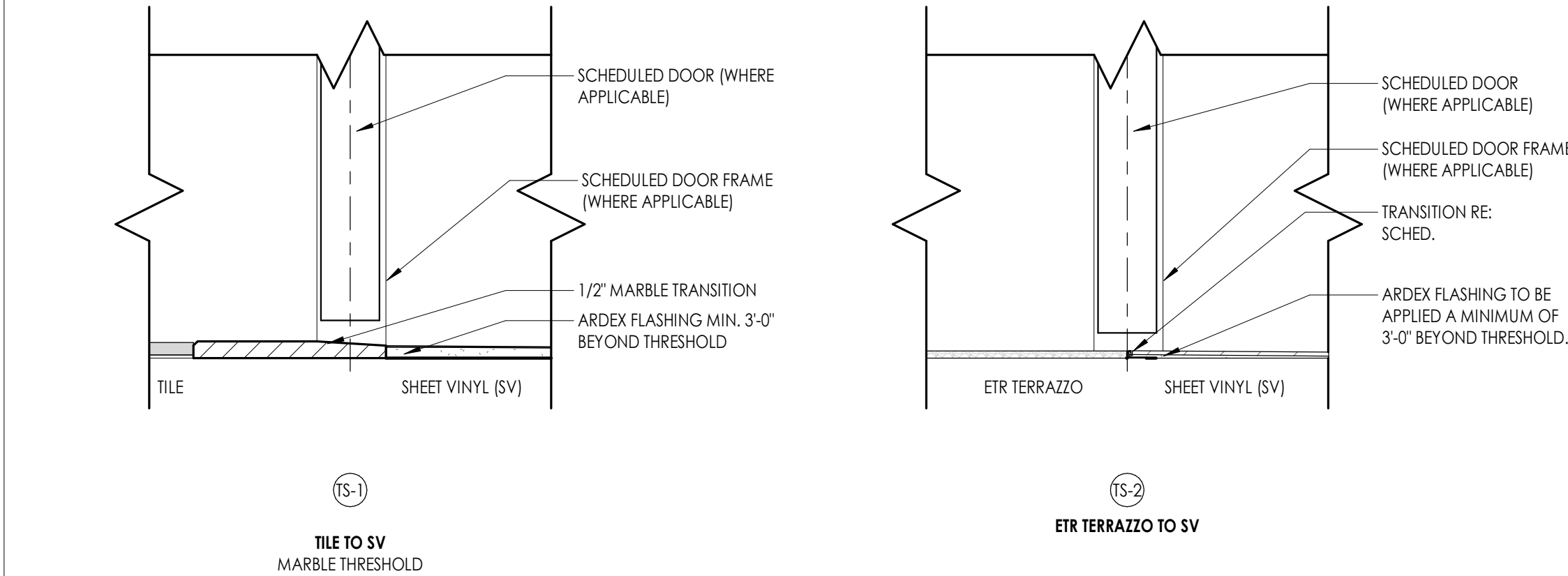
TYPICAL TILE PATTERN TYPES

SCALE: 1/4" = 1'-0"



TYPICAL TRANSITION TYPES:

SCALE: 3" = 1'-0"
NOTE: USE DETAIL FOR SAME MATERIAL TRANSITIONS WITH OR WITHOUT DOOR.



1
1000
NURSE'S OFFICE FINISH FLOOR PLAN
1/4" = 1'-0"

FINISH PLAN GENERAL NOTES

- ALL NEW AND EXISTING HOLLOW METAL DOORS, DOOR FRAMES AND WINDOW FRAMES IN PROJECT SCOPE SHALL BE PAINTED (**PT-1**), UNLESS NOTED OTHERWISE.
- ALL LOUVERS, VENTS, GRILLES AND OTHER MISCELLANEOUS MECHANICAL AND ELECTRICAL DEVICES ARE TO BE PAINTED TO MATCH THE SURFACE ON WHICH THEY APPEAR, UNLESS NOTED OTHERWISE.
- REFER TO A600 SERIES DRAWINGS FOR CEILING TYPES AND SOFFIT FINISHES.
- UNDERSIDE OF SOFFITS TO MATCH FACE OF SOFFIT. SEE **A600 SERIES** FOR PAINT ACCENT SPECIFICATIONS.
- PAINT GWB CEILINGS (**PT-2**), UNLESS NOTED OTHERWISE.
- REFER TO A700 SERIES INTERIOR ELEVATIONS FOR MILLWORK FINISHES.
- ALL WINDOW SILLS SHALL BE **SSM-2**, UNLESS OTHERWISE NOTED.
- HIGH PRESSURE PLASTIC LAMINATE ON VERTICAL SURFACES TO RUN VERTICALLY, UNLESS NOTED OTHERWISE.
- WHERE KICKSPACES OCCUR AT MILLWORK, FLOOR FINISH SHOWN ON PLANS SHALL RUN UNDERNEATH KICKSPACE AS WELL.
- ALL FLOOR FINISHES SHALL TRANSITION AT THE CENTERLINE OF THE DOOR, UNLESS NOTED OTHERWISE. INSTALL TRANSITION STRIPS PER DETAILS ON **1000**.
- PROVIDE CONCRETE FLOOR PREPARATION IN ACCORDANCE WITH FLOORING MANUFACTURER SPECIFICATION.
- ALL NON-EPOXY GROUT TO BE SEALED A MINIMUM OF TWO TIMES PRIOR TO COMPLETION.

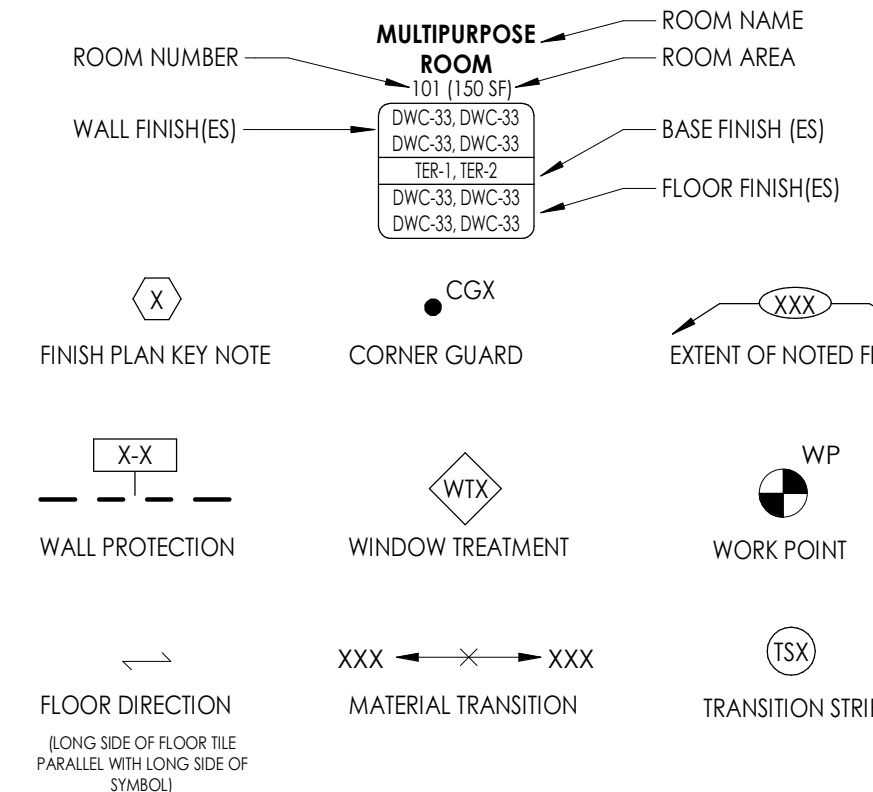
FINISH ABBREVIATIONS

NOTE: THIS LEGEND MAY CONTAIN ABBREVIATIONS THAT ARE NOT IN THIS PROJECT

ACT	ACOUSTICAL CEILING TILE	RB	RESILIENT BASE
AGL	ART GLASS	RP	RESIN PANEL
ANP	ACOUSTICAL WALL PANEL	RS	RESILIENT SHEET
CC	CUBICLE CURTAIN	RST	RESILIENT STAIR TREAD
CG	CORNER GUARD	RT	RESILIENT TILE
CHR	CHAIR RAIL	SC	SPECIALTY CEILING
CPT	CARPET	SCON	SEALED CONCRETE
CR	CRASH RAIL	SN	STAIR NOSING & RISER
DG	DIGITAL GRAPHIC	SSM	SOLID SURFACE MATERIAL
DS	DIVIDER STRIP	ST	STONE VENEER
DWC	DIGITAL WALL COVERING	SV	SHEET VINYL
DWP	DIGITAL WALL PANEL	SWP	SHEET WALL PROTECTION
EPT	EPOXY PAINT	TB	TILE BASE
ERF	EPOXY RESIN FLOOR	TER	TERRAZZO
ETR	EXISTING TO REMAIN	TF	TILE FLOOR
EXP	EXPOSED	TR	TRIM
FILM	FILM	TS	TRANSITION STRIP
FRP	FIBER REINFORCED PANEL	TW	TILE WALL
GRT	GROUT	UPH	UPHOLSTERY
HPL	HIGH PRESSURE PLASTIC LAMINATE	VCT	VINYL COMPOSITION TILE
HR	HAND RAIL	VET	VINYL ENHANCED TILE
INT	INTEGRAL	VQT	VINYL QUARTZ TILE
LVT	LUXURY VINYL TILE	WC	WALL COVERING
PT	PAINT	WD	WOOD
PTM	PATCH TO MATCH	WG	WALL GUARD
QB	QUARRY TILE BASE	WOM	WALK OFF MAT
QT	QUARRY TILE	WS	WRITEABLE SURFACE
QTZ	QUARTZ	WT	WINDOW TREATMENT

FINISH PLAN SYMBOLS LEGEND

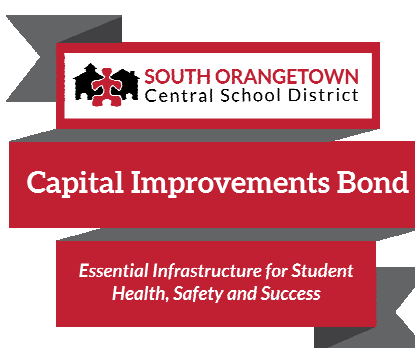
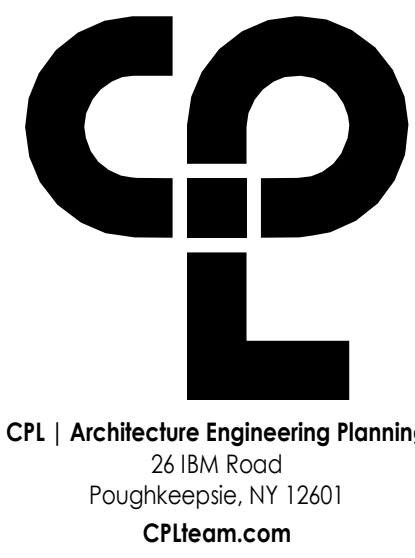
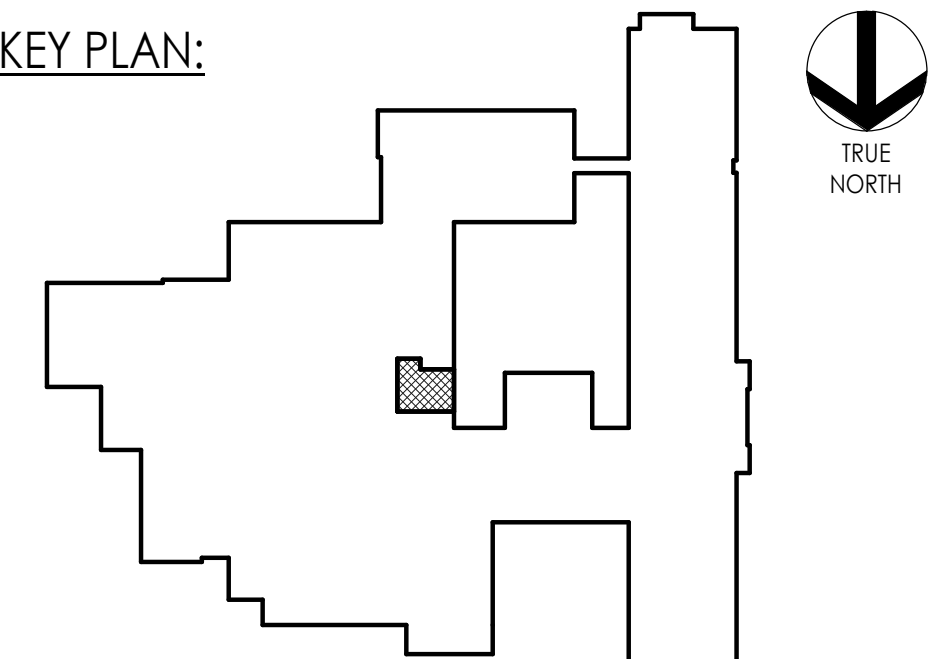
NOTE: THIS LEGEND MAY CONTAIN SYMBOLS THAT ARE NOT IN THIS PROJECT



FINISH PLAN KEY NOTES

- PROVIDE 2-COLOR PATTERN CERAMIC WALL TILE WAJSCOT UP TO 6'-4" AFF WITH EPOXY PAINT (EPT-1) ABOVE. REFER TO TYPICAL TILE PATTERN "A" ON 1000 FOR DETAIL.
- PROVIDE SCHEDULED SHEET VINYL (SV-1) WITH 4" INTEGRAL BASE FULL PERIMETER OF ROOM.

KEY PLAN:



PROJECT INFORMATION

Project Number

R23.01124.00

Client Name

SOUTH ORANGETOWN CENTRAL SCHOOL DISTRICT

Project Name

2024 CAPITAL IMPROVEMENTS PROJECT

SOUTH ORANGETOWN MIDDLE SCHOOL

Building Address

160 VAN WYCK ROAD, BLAUVELT, NY 10913

SED # 50-03-01-04-0-013-031

Registration Expiration Dates

Lauren Tarras 06/30/24

Anthony Marchetti 05/31/24

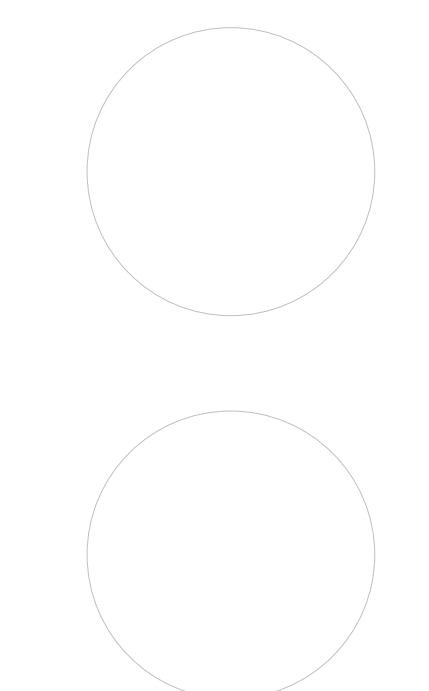
Clayton Hoff 02/28/25

Jennifer Wengender 06/30/24

PROJECT ISSUE & REVISION SHEET

Date Description

PROFESSIONAL STAMPS



SHEET INFORMATION

Issued

05/15/24

Project Status

BID DOCUMENTS

Drawn By

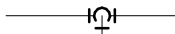



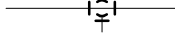



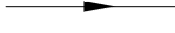
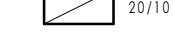


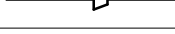




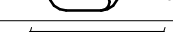
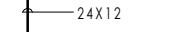
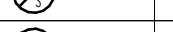

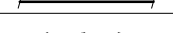
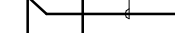

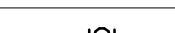



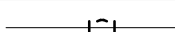



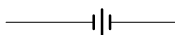



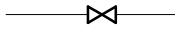

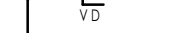

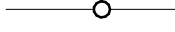
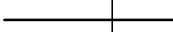


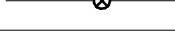
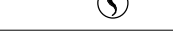
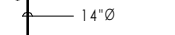

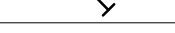
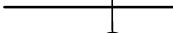





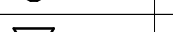
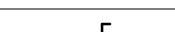
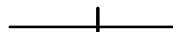

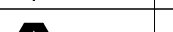
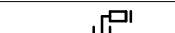
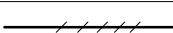
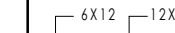
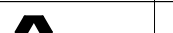
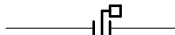

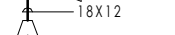

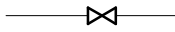



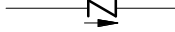

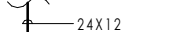

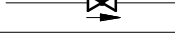
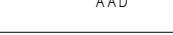
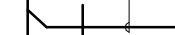
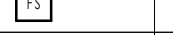
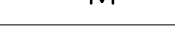
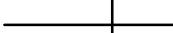


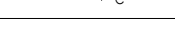
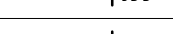
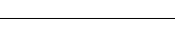

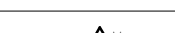
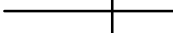
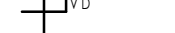





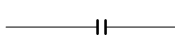
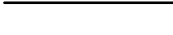











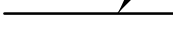







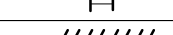


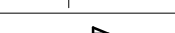
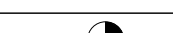


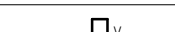
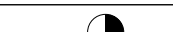











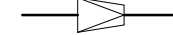


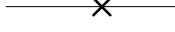



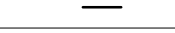
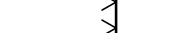


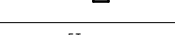
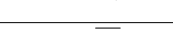

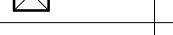
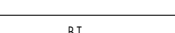
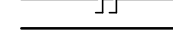


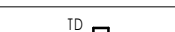
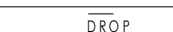


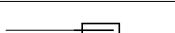
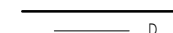

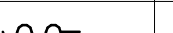
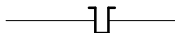

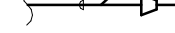
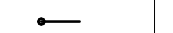



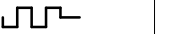




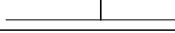





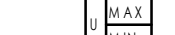

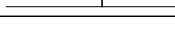

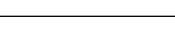
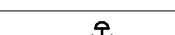
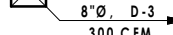

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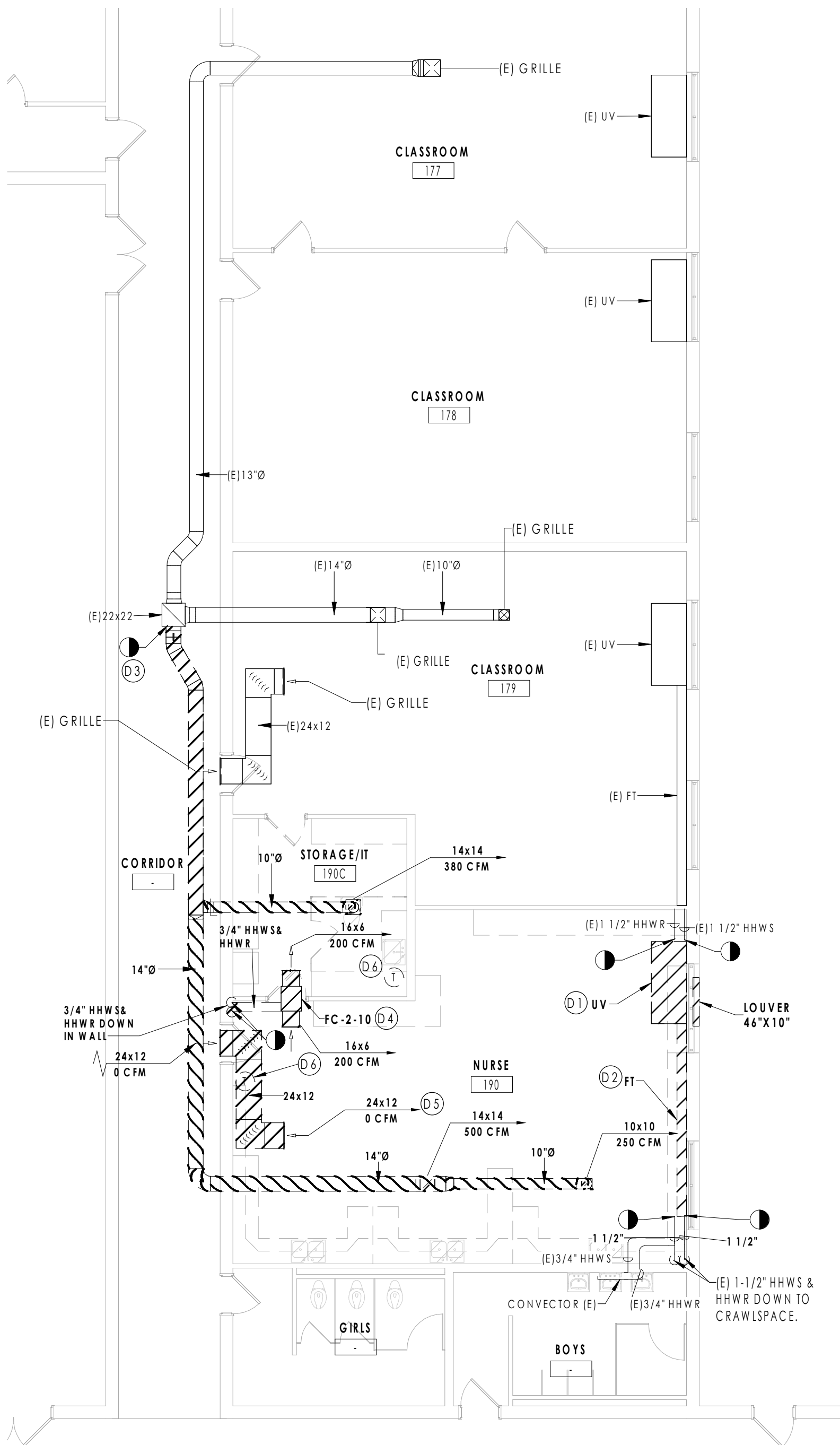
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INTERIOR FINISH PLAN, SCHEDULE & DETAILS

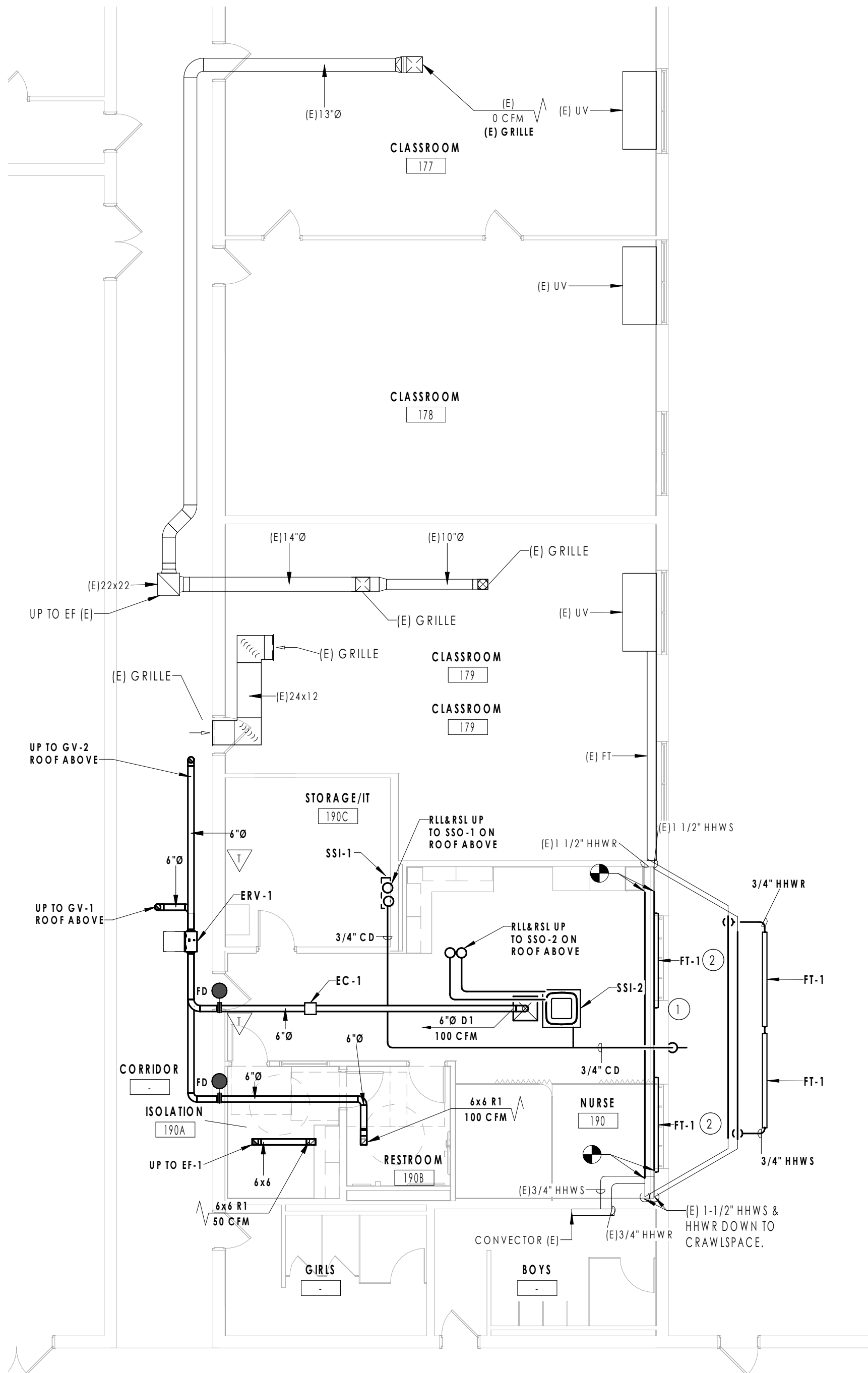
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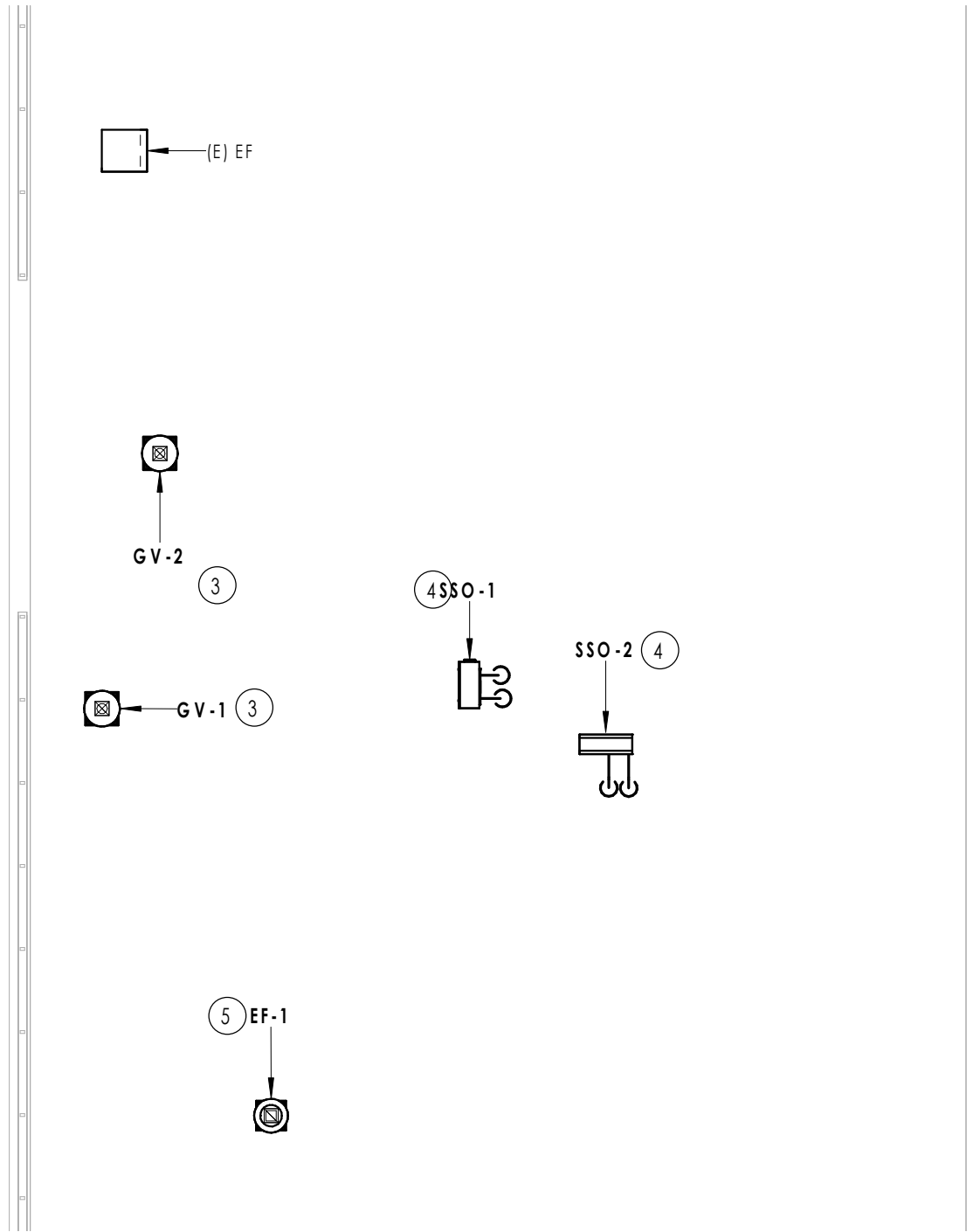
HVAC SYMBOLS LIST											
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
AAD	AUTOMATIC AIR DAMPER		CONNECTION - TOP		DOUBLE WALL LINED DUCT		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		ELECTRIC/PNEUMATIC SWITCH OR RELAY		
ACC	AIR-COOLED CONDENSING UNIT		CONNECTION - BOTTOM		DUCT SECTION - SUPPLY				PNEUMATIC/ELECTRIC SWITCH OR RELAY		
AD	ACCESS DOOR		DIRECTION OF FLOW		DUCT SECTION - RETURN/EXHAUST				OPEN/CLOSED		
AFF	ABOVE FINISHED FLOOR		REDUCER		DUCT SECTION - ROUND DUCT IN INCHES				START/STOP		
AHU	AIR HANDLING UNIT		ELBOW DOWN		DUCT SECTION - FLAT OVAL DUCT IN INCHES				ENABLE/DISABLE		
BBD	BOILER BLOW DOWN		ELBOW UP		ACUSTIC THERMAL LINING				TEMPERATURE SENSOR (DUCT OR PIPE MOUNTED)		
BD	BACKDRAFT DAMPER		TEE OUTLET - UP		FLEXIBLE DUCTWORK				HUMIDITY SENSOR (DUCT MOUNTED)		
CA	COMPRESSED AIR		TEE OUTLET - DOWN		FLEXIBLE CONNECTION				FLOW TRANSMITTER		
CD	COOLING COIL CONDENSATE DRAIN		UNION		FIRE DAMPER				PRESSURE TRANSMITTER		
CFM	CUBIC FEET PER MINUTE		GATE VALVE		SMOKE DAMPER				DIFFERENTIAL PRESSURE TRANSMITTER		
CHWR	CHILLED WATER RETURN		BALL VALVE		COMBINATION FIRE AND SMOKE DAMPER				ELECTRIC/PNEUMATIC TRANSDUCER		
CHWS	CHILLED WATER SUPPLY		BALANCING VALVE		VOLUME DAMPER				ELECTRIC/ELECTRONIC TRANSDUCER		
CR	CONDENSER WATER RETURN		STRAINER		DAMPER CONTROL, PARALLEL BLADE				DUCT SMOKE DETECTOR		
CS	CONDENSER WATER SUPPLY		STRAINER WITH BLOW-DOWN		DAMPER CONTROL, OPPOSED BLADE				SPACE THERMOSTAT		
CW	DOMESTIC COLD WATER		BUTTERFLY VALVE		AUTOMATIC AIR DAMPER				SPACE TEMPERATURE SENSOR		
D	DRAIN		BUTTERFLY CONTROL VALVE, PNEUMATIC 2-WAY		BACK DRAFT DAMPER				SPACE CARBON DIOXIDE SENSOR		
(E)	EXISTING		BUTTERFLY CONTROL VALVE, ELECTRIC ACTUATOR		BLAST GATE				SPACE NATURAL GAS SENSOR		
EA	EXHAUST AIR		GLOBE VALVE		AIR DUCT (FIRST FIGURE IS DUCT WIDTH/TOP, SECOND FIGURE IS DUCT DEPTH)				SPACE CARBON MONOXIDE SENSOR		
EC	ELECTRICAL CONTRACTOR		CHECK VALVE		LOUVERED DOOR W/ SQ. FT. OF FREE AREA				SPACE SENSOR WITH GUARD		
EF	EXHAUST FAN		TRIPLE DUTY VALVE		AIR VENT - MANUAL				SPACE HUMIDISTAT		
EHFC	ELECTRIC REHEAT COIL		GAS COCK, PLUG VALVE		AIR VENT - AUTOMATIC				WATER FLOW SENSOR		
ETR	EXISTING TO REMAIN		UNDERCUT DOOR 1"		FLANGE				PNEUMATIC ACTUATOR		
EUH	ELECTRIC UNIT HEATER		LOUVERED DOOR W/ SQ. FT. OF FREE AREA		CONTROL/SOLENOID VALVE, ELECTRIC 2-WAY				ELECTRIC ACTUATOR		
F&T	FLOAT AND THERMOSTATIC TRAP		CONTROL VALVE, ELECTRIC 3-WAY		CONTROL VALVE, ELECTRIC 2-WAY				VARIABLE SPEED / FREQUENCY DRIVE		
FCU	FAN-COIL UNIT		CONTROL VALVE, PNEUMATIC 2-WAY		CONTROL VALVE, PNEUMATIC 3-WAY				COOLING COIL		
FFM	FEET PER MINUTE		CONTROL VALVE, PNEUMATIC 2-WAY		RELIEF / SAFETY VALVE				HEATING COIL		
FT	FIN-TUBE		CONTROL VALVE, PNEUMATIC 2-WAY		PRESSURE REDUCING VALVE				GAS FURNACE		
GC	GENERAL CONTRACTOR		CONTROL VALVE, PNEUMATIC 2-WAY		VACUUM BREAKER				HUMIDIFIER		
GR	GLYCOL RETURN		CONTROL VALVE, PNEUMATIC 2-WAY		TURNING VANES				ALARM		
GS	GLYCOL SUPPLY		CONTROL VALVE, PNEUMATIC 2-WAY		EXISTING WORK TO BE REMOVED (HATCHED)				STATUS		
HC	HVAC CONTRACTOR		CONTROL VALVE, PNEUMATIC 2-WAY		POINT OF CONNECTION				FLOW SWITCH		
HHWR	HEATING HOT WATER RETURN		CONTROL VALVE, PNEUMATIC 2-WAY		POINT OF DISCONNECTION				DIFFERENTIAL STATIC PRESSURE SWITCH		
HHWS	HEATING HOT WATER SUPPLY		CONTROL VALVE, PNEUMATIC 2-WAY		AIR FLOW SENSOR				RELAY		
HP	HEAT PUMP		CONTROL VALVE, PNEUMATIC 2-WAY		TRANSITION SQUARE TO ROUND				PRESSURE GAUGE		
HPC	HIGH PRESSURE CONDENSATE		CONTROL VALVE, PNEUMATIC 2-WAY		HUMIDIFIER DISPERSION TUBE				FREEZE-STAT		
HPS	HIGH PRESSURE STEAM		CONTROL VALVE, PNEUMATIC 2-WAY		RISE IN DUCT				DIGITAL INPUT (TO BUILDING MANAGEMENT SYSTEM)		
LF	LINEAR FOOTAGE OF FIN-TUBE RADIATION		CONTROL VALVE, PNEUMATIC 2-WAY		DROP IN DUCT				DIGITAL OUTPUT (FROM BUILDING MANAGEMENT SYSTEM)		
LPC	LOW PRESSURE CONDENSATE		CONTROL VALVE, PNEUMATIC 2-WAY		SQUARE CEILING DIFFUSER (4 WAY)				ANALOG OUTPUT (FROM BUILDING MANAGEMENT SYSTEM)		
LPG	LIQUEFIED PROPANE GAS		CONTROL VALVE, PNEUMATIC 2-WAY		ROUND CEILING DIFFUSER				ANALOG INPUT (TO BUILDING MANAGEMENT SYSTEM)		
LPS	LOW PRESSURE STEAM		CONTROL VALVE, PNEUMATIC 2-WAY		SQUARE OR RECTANGULAR CEILING GRILLE				ELECTRICAL INTERFACE		
MBH	1,000 BTU/HR		CONTROL VALVE, PNEUMATIC 2-WAY		SUPPLY REGISTER, RETURN OR EXHAUST GRILLE				SPEED FEED BACK		
MC	MECHANICAL CONTRACTOR		CONTROL VALVE, PNEUMATIC 2-WAY		CEILING DIFFUSER WITH NECK SIZE, TYPE, & CFM				END SWITCH		
MPC	MEDIUM PRESSURE CONDENSATE		CONTROL VALVE, PNEUMATIC 2-WAY		CEILING RETURN OR EXHAUST GRILLE WITH SIZE, TYPE, & CFM				POSITION FEEDBACK		
MPS	MEDIUM PRESSURE STEAM		CONTROL VALVE, PNEUMATIC 2-WAY		SUPPLY REGISTER WITH SIZE, TYPE, & CFM				TRAVERSE AVERAGING SENSOR		
MRD	MONOFLO FITTING DOWN - HHWR		CONTROL VALVE, PNEUMATIC 2-WAY		RETURN OR EXHAUST GRILLE WITH SIZE, TYPE, & CFM				PROBE SENSOR		
MSD	MONOFLO FITTING DOWN - HHWS		CONTROL VALVE, PNEUMATIC 2-WAY		AIR FLOW				FREEZE STAT SENSOR		
MUW	MAKE-UP WATER		CONTROL VALVE, PNEUMATIC 2-WAY		ACOUSTIC/THERMAL DUCTWORK LINING - 1 INCH THICK						
NC	NORMALLY CLOSED		CONTROL VALVE, PNEUMATIC 2-WAY		ACOUSTIC/THERMAL DUCTWORK LINING - 2 INCH THICK						



1 FIRST FLOOR MECHANICAL DEMOLITION PLAN
1/8" = 1'-0"

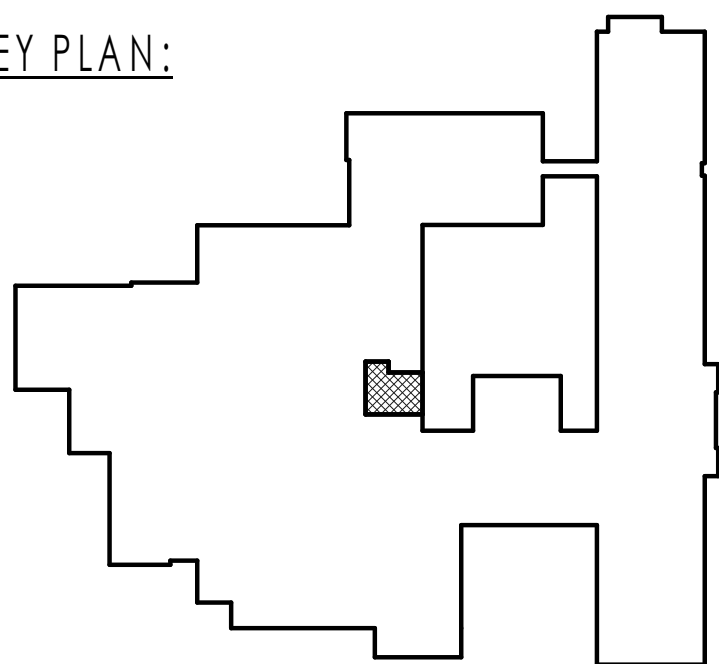


2 FIRST FLOOR MECHANICAL NEW WORK PLAN
1/8" = 1'-0"

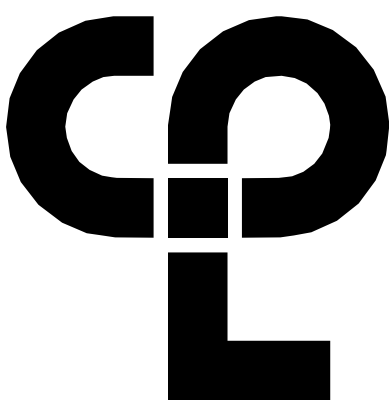


3 ROOF MECHANICAL NEW WORK PLAN
1/8" = 1'-0"

KEY PLAN:

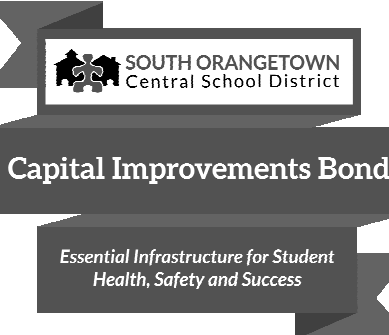


GENERAL NOTES	
1.	SIZE ALL REFRIGERANT PIPING PER MANUFACTURER'S RECOMMENDATIONS.
2.	ALL NEW EQUIPMENT TO BE PROVIDED WITH STANDALONE CONTROLS, AND BACNET CAPABILITY FOR FUTURE CONNECTION TO BMS SYSTEM.
3.	PROVIDE PIPE FORTRESS COVERS FOR ALL EXPOSED REFRIGERANT AND CONDENSATE DRAIN PIPING.
DEMOLITION KEY NOTES	
(D1)	REMOVE EXISTING UNIT VENTILATOR IN ITS ENTIRETY INCLUDING PIPING BACK TO POINTS INDICATED, CONTROLS, LOUVER AND SLEEVE. COORDINATE REMOVAL OF LOUVER WITH G.C.
(D2)	REMOVE EXISTING FIN TUBE IN ITS ENTIRETY INCLUDING ENCLOSURE AND PIPING BACK TO POINTS INDICATED. PREPARE FOR NEW WORK.
(D3)	REMOVE EXISTING EXHAUST GRILLES AND DUCTWORK BACK TO POINT INDICATED. PATCH AND SEAL DUCTWORK AIRTIGHT.
(D4)	REMOVE EXISTING FAN COIL IN ITS ENTIRETY INCLUDING ALL DUCTWORK, GRILLES, CONTROLS, AND HEATING HOT WATER SUPPLY AND RETURN PIPING TO DROP IN WALL. CAP AND ABANDON PIPING.
(D5)	REMOVE EXISTING TRANSFER DUCT AND GRILLES IN ITS ENTIRETY. COORDINATE WITH G.C.
(D6)	REMOVE EXISTING WALL MOUNTED THERMOSTAT AND ALL CONTROL WIRING. PREPARE FOR NEW WORK.
KEY NOTES	
1	PROVIDE CONDENSATE DRAIN PIPING OUT TO COURTYARD AND DOWN THE SIDE OF THE BUILDING. TERMINATE AWAY FROM BUILDING. TERMINATE WITH INSECT SCREEN ON OUTLET.
2	PROVIDE 6" FIN TUBE UNDER EXISTING WINDOWS. FIN TUBE ENCLOSURE TO BE EXTENDED FROM WALL TO NEW CASEWORK. PROVIDE 1-1/2" HHWS & HHWR PIPING TO CONNECT EXISTING HOT WATER LOOP AND MAINTAIN FLOW. EXPLODED FIN TUBE CONNECTION VIEW SHOWN FOR REFERENCE. COORDINATE WITH G.C.
3	FURNISH AND INSTALL GRAVITY VENTILATOR ON WIND RATED CURB AND CONNECT TO ERV DUCTWORK BELOW. MAINTAIN ANY EXISTING ROOF WARRANTIES
4	FURNISH AND INSTALL SPLIT SYSTEM. HEAT PUMP NEW 12" EQUIPMENT RAILS. RUN REFRIGERANT PIPING DOWN TO INDOOR UNITS BELOW WITH PIPE PORTAL.
5	FURNISH AND INSTALL EXHAUST FAN ON WIND RATED CURB AND CONNECT FAN TO NEW DUCTWORK BELOW. MAINTAIN ANY EXISTING ROOF WARRANTIES.



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NY ENGINEERING FIRM CERTIFICATE #018330



SOUTH ORANGETOWN
Central School District
Capital Improvements Bond
Essential Infrastructure for Student
Health, Safety and Success

PROJECT INFORMATION

Project Number
R23.01124.00

Client Name
SOUTH ORANGETOWN CENTRAL
SCHOOL DISTRICT

Project Name
2024 CAPITAL IMPROVEMENTS
PROJECT
SOUTH ORANGETOWN MIDDLE SCHOOL

Building Address
160 VAN WYCK ROAD, BLAUVELT, NY 10913

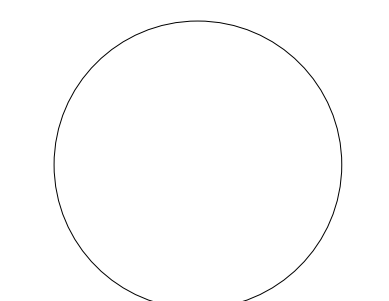
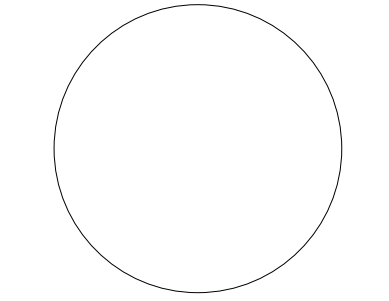
SED # 50-03-01-04-0-010-031

Responsible Engineer Dates
Louise Torres 05/02/23
Anthony Marchetti 05/03/24
Dore Hoff 05/08/25
Jennifer Wengender 06/30/24

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description
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PROFESSIONAL STAMPS

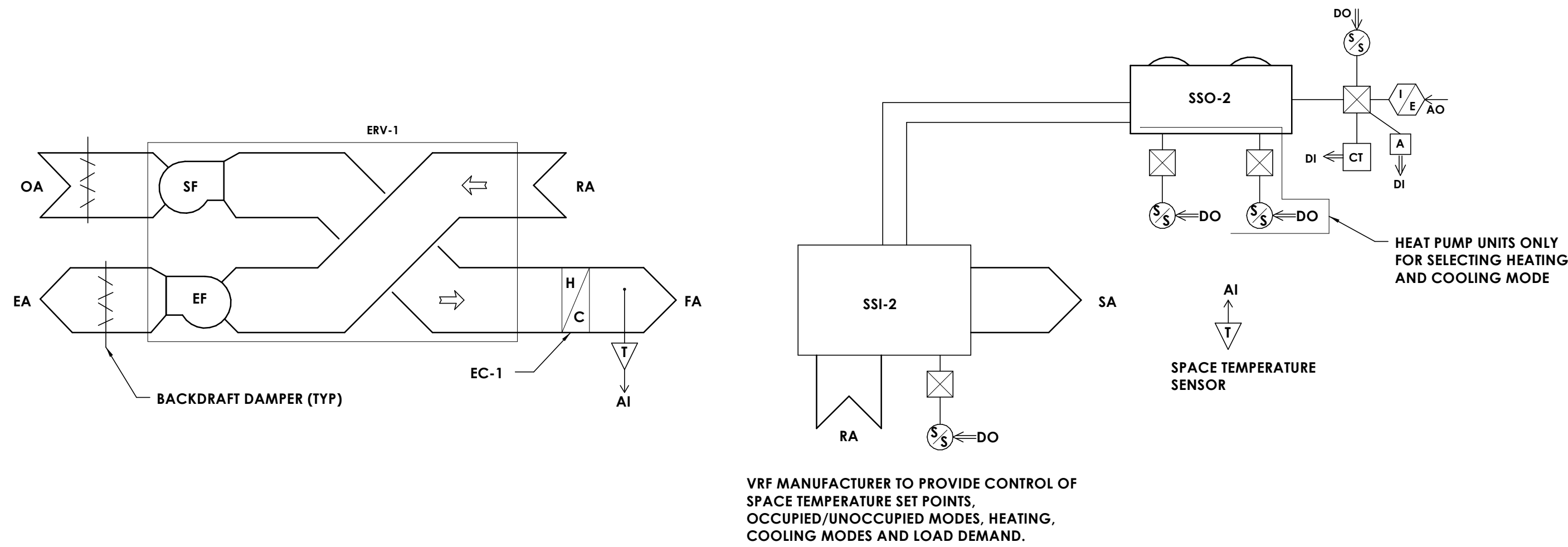


NEW YORK STATE EDUCATION STATUTE

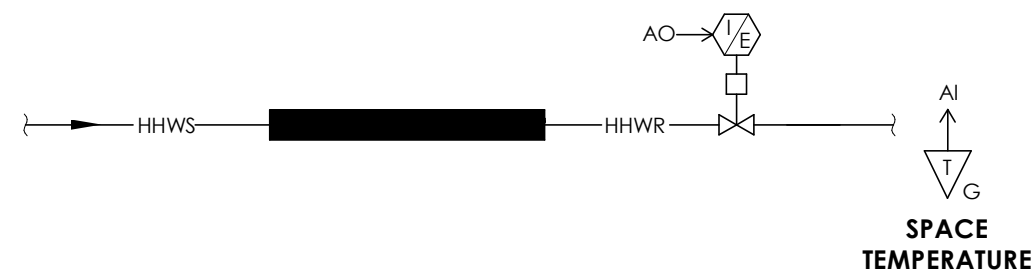
IF I AM A HOLDER OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATION FOR ANY PROFESSION, I HEREBY CERTIFY UNDER THE OATH OF OFFICE AND AS A MEMBER OF THE PROFESSION, THAT I HAVE NOT BEEN CONVICTED OF A CRIME THAT WOULD DISQUALIFY ME FROM HOLDING SUCH POSITION. I HAVE NOT BEEN CONVICTED OF A CRIME THAT WOULD DISQUALIFY ME FROM HOLDING SUCH POSITION. I HAVE NOT BEEN CONVICTED OF A CRIME THAT WOULD DISQUALIFY ME FROM HOLDING SUCH POSITION.

SHEET INFORMATION

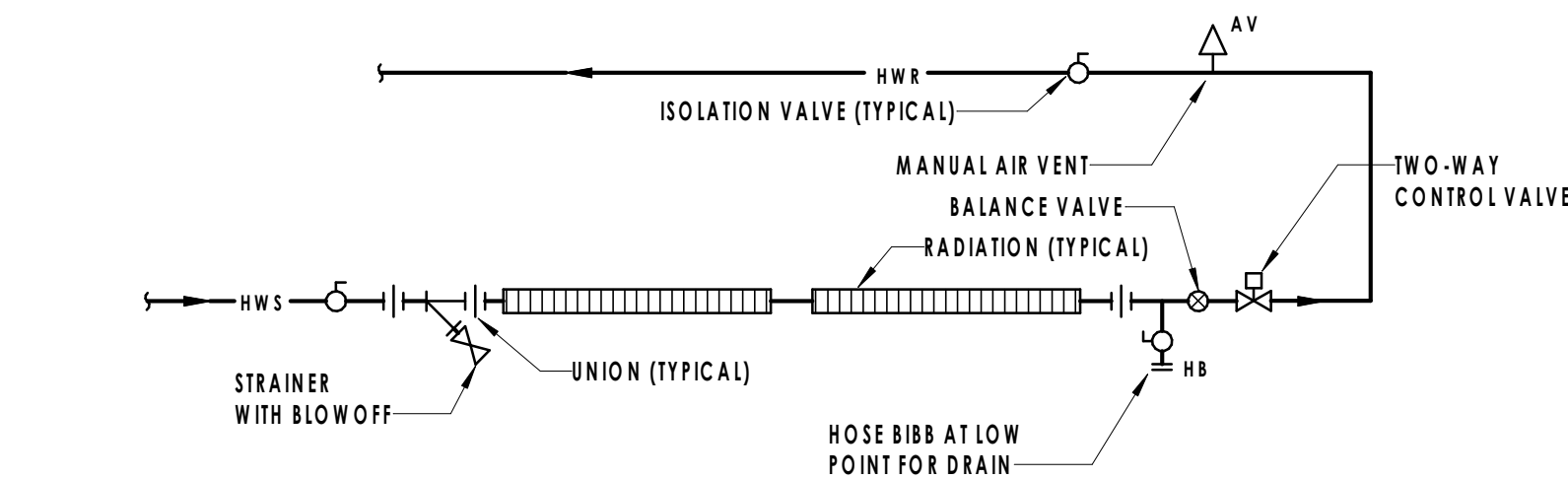
Issued	05/15/2024	Scale	1/8" = 1'-0"
Project Status	BID DOCUMENTS		
Drawn By	BKM	Checked By	BKM
Drawing Title	FIRST FLOOR AND ROOF MECHANICAL DEMOLITION AND NEW WORK PLAN		
Drawing Number	SOMS H201		



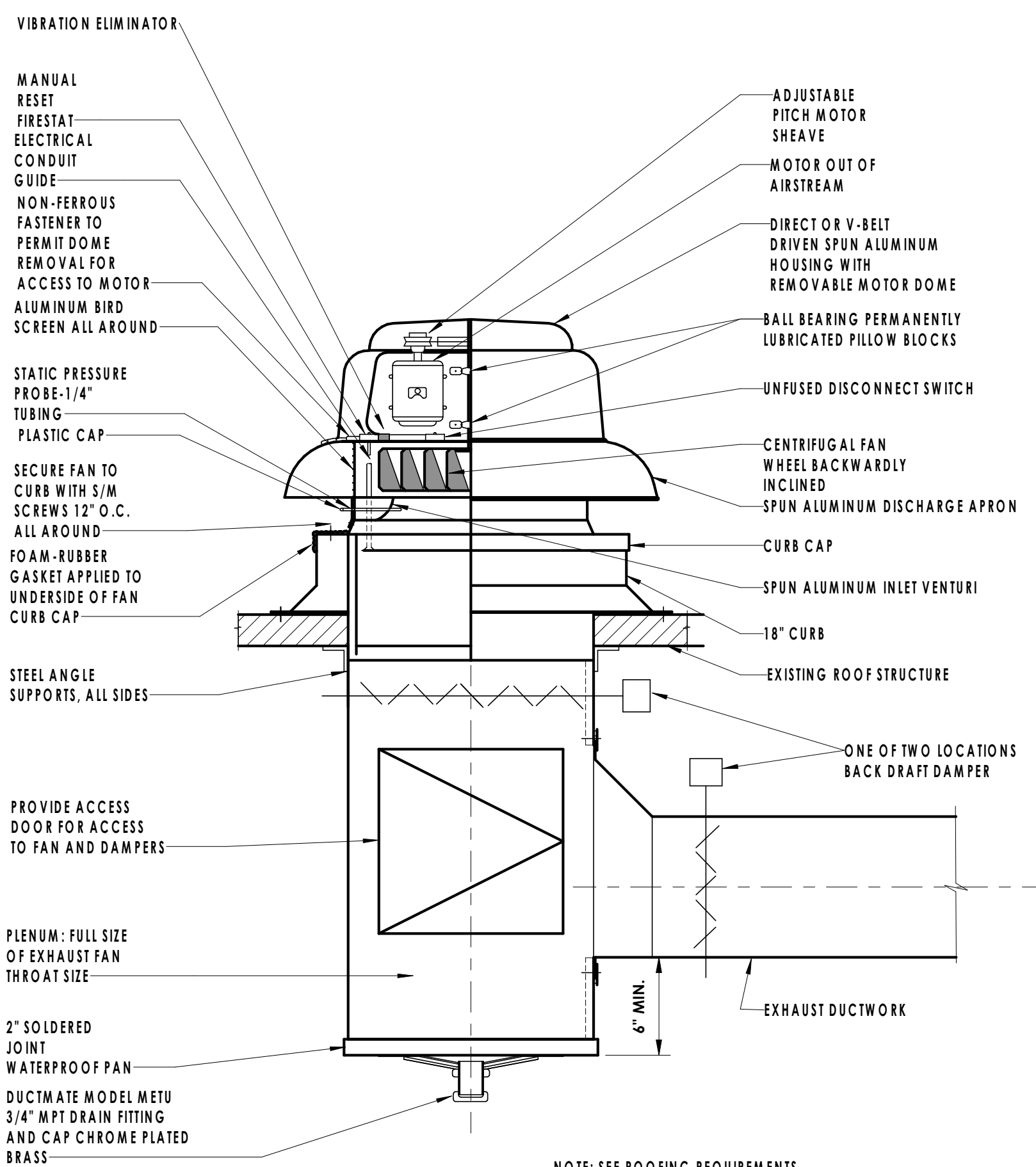
6 ERV AND NURSES OFFICE SPLIT SYSTEM CONTROLS DIAGRAM
12" = 1'-0"



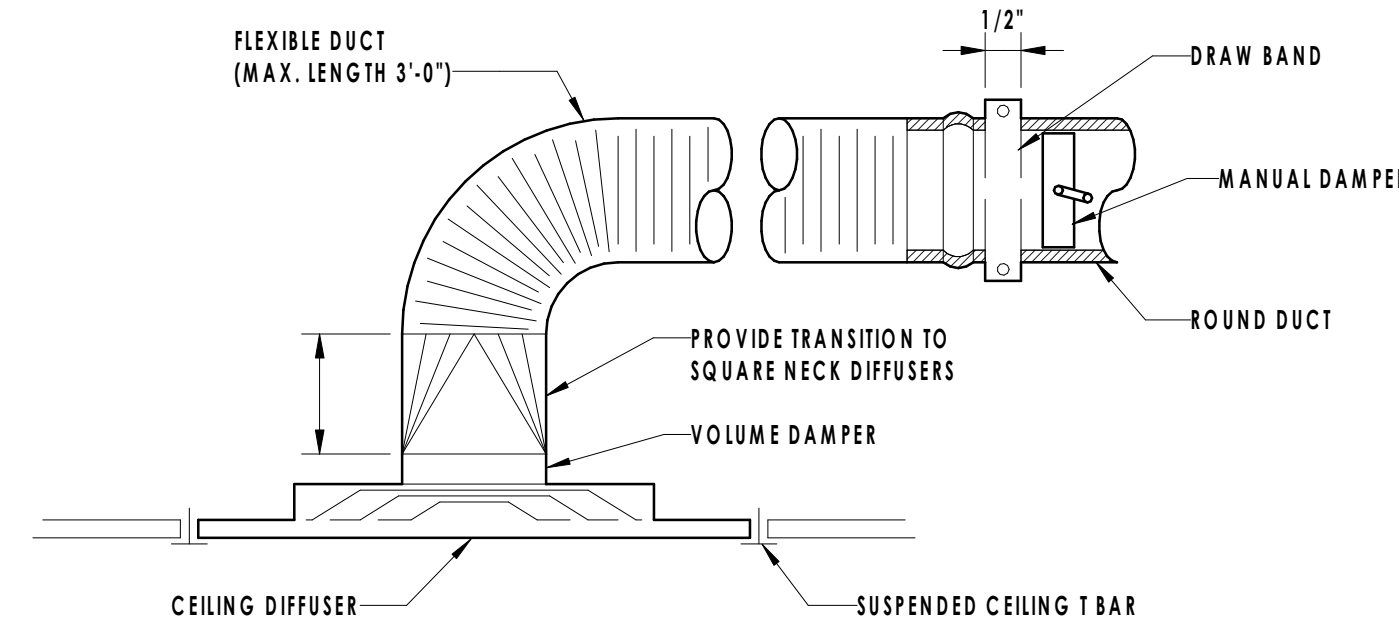
8 FIN TUBE CONTROLS DIAGRAM
12" = 1'-0"



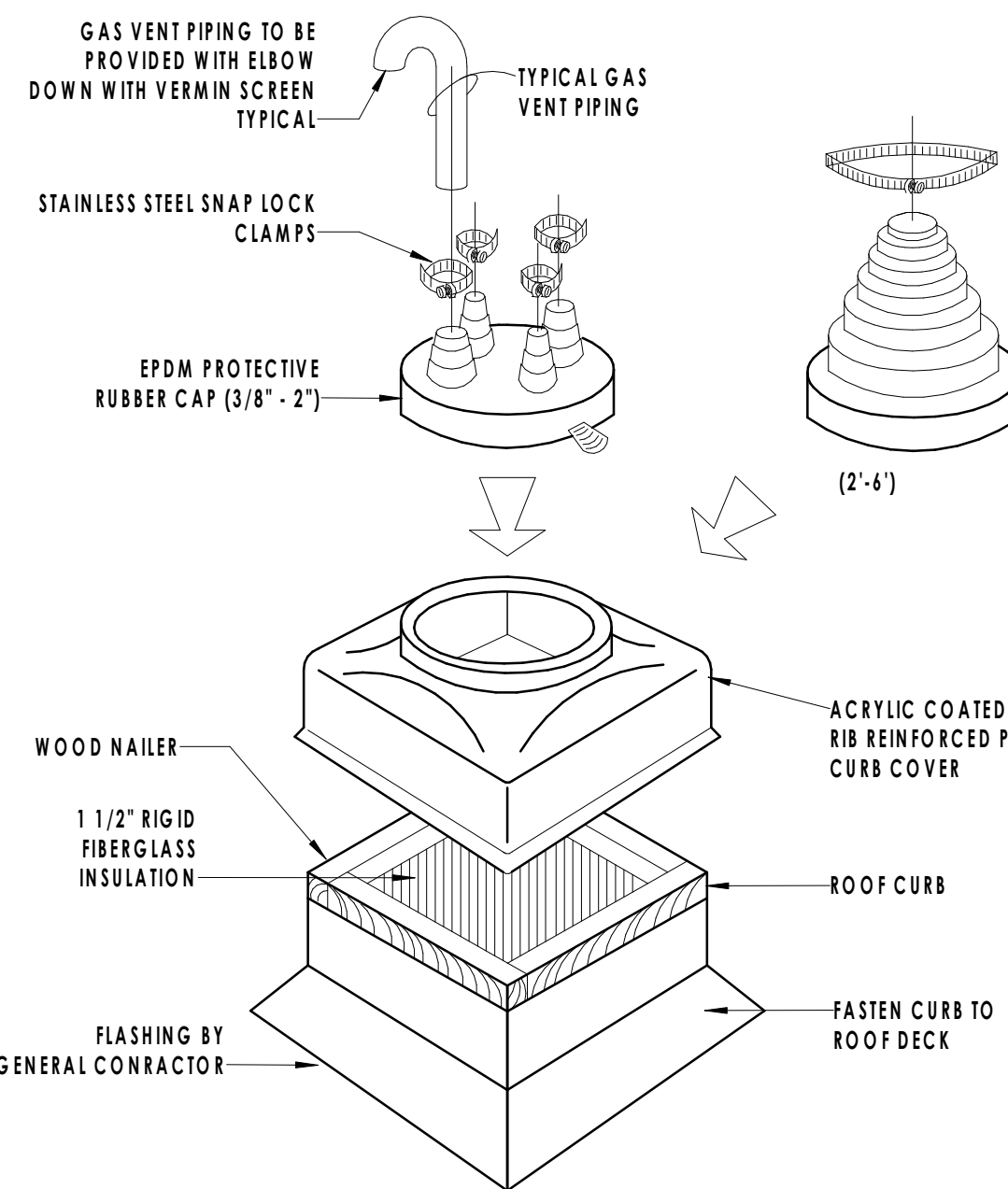
7 FIN RADIATION PIPING SCHEMATIC
NOT TO SCALE



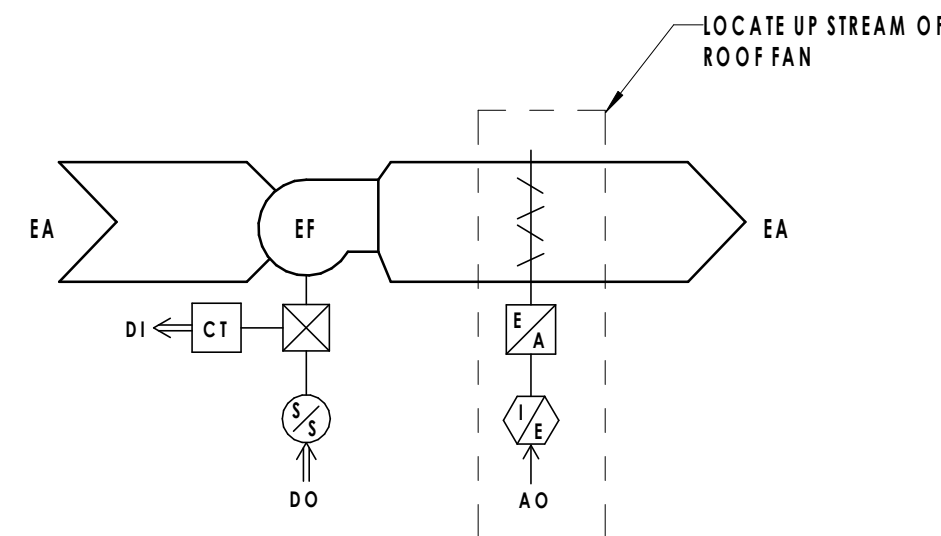
10 ROOF EXHAUST FAN DETAIL
N.T.S.



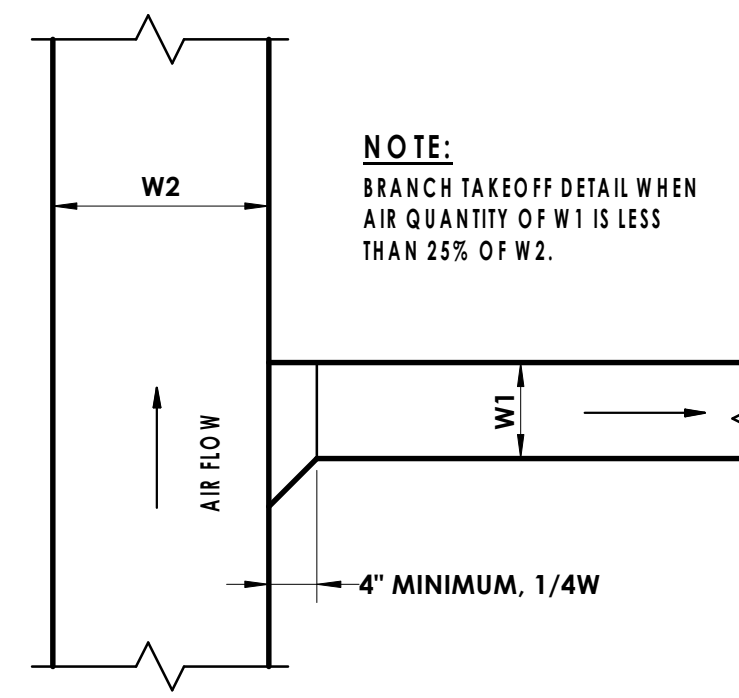
4 DIFFUSER DETAIL
NOT TO SCALE



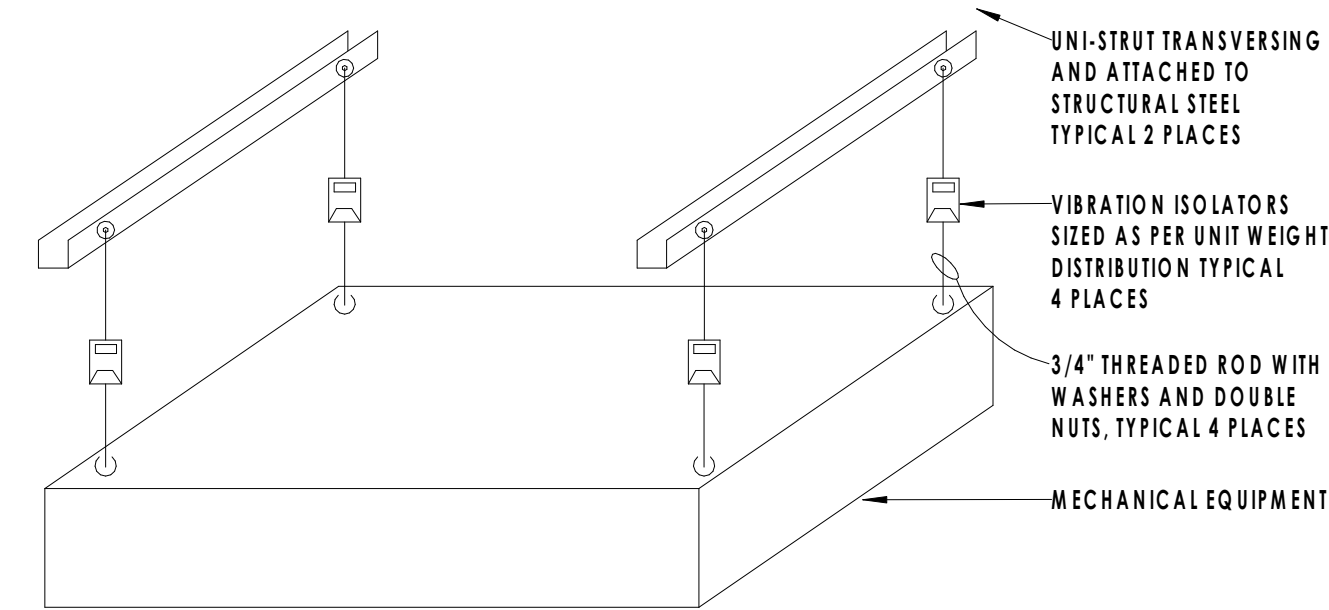
3 PIPE PORTAL DETAIL
NOT TO SCALE



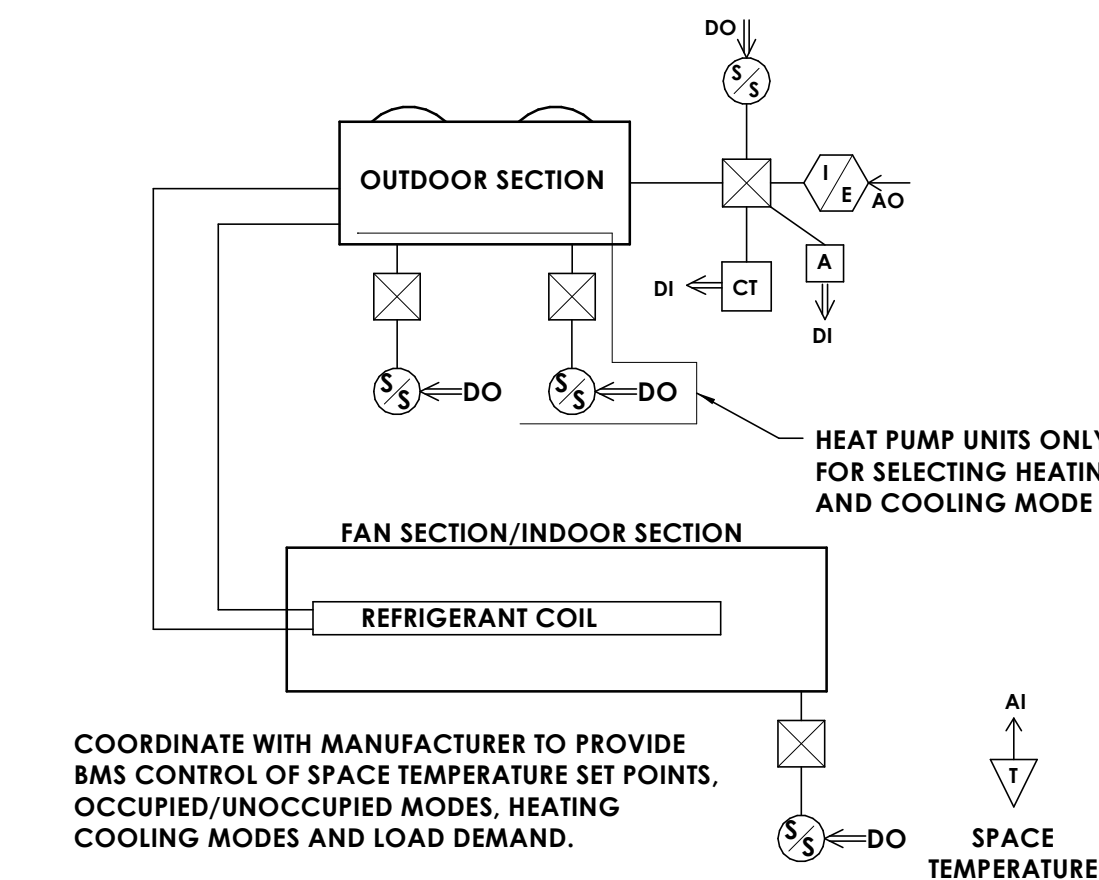
9 EXHAUST FAN CONTROLS DIAGRAM
NOT TO SCALE



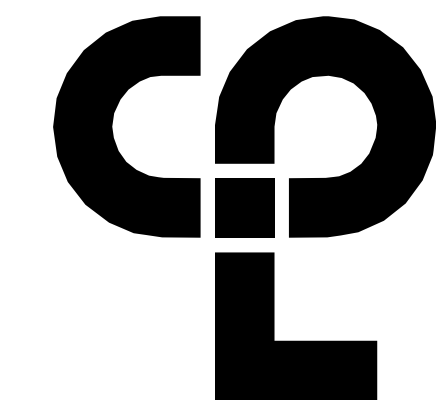
1 BRANCH TAKE-OFF
NOT TO SCALE



2 INDOOR UNIT SUPPORT INSTALLATION DETAIL
NOT TO SCALE

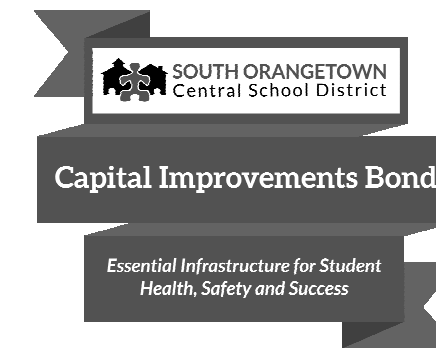


5 IT CLOSET SPLIT SYSTEM CONTROLS DIAGRAM
12" = 1'-0"



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NY ENGINEERING FIRM CERTIFICATE #018330



PROJECT INFORMATION

Project Number
R23.01124.00

Client Name

SOUTH ORANGETOWN CENTRAL
SCHOOL DISTRICT

Project Name

2024 CAPITAL IMPROVEMENTS
PROJECT

SOUTH ORANGETOWN MIDDLE SCHOOL

Building Address
160 VAN WYCK ROAD, BLAUVELT, NY 10913

SED # 50-03-01-04-010-031

Realization Timeline Dates

Louise Torres 09/20/23

Anthony Marchetti 05/13/24

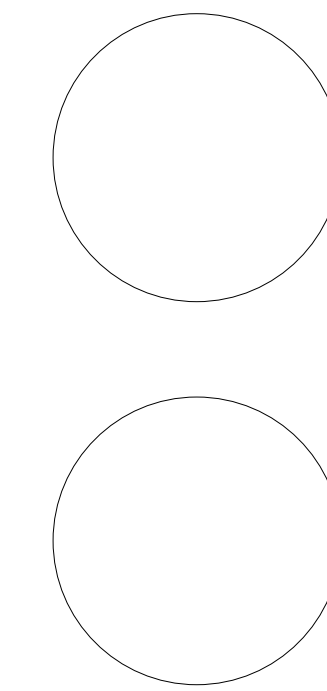
Dore Hoff 02/28/25

Jennifer Wengender 06/20/24

PROJECT ISSUE & REVISION SCHEDULE

Date Description

PROFESSIONAL STAMPS



NEW YORK STATE EDUCATION STATUTE

IF A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONERS' REGULATIONS FOR ANY PERSON, UNDER ACTING UNDER THE SUPERVISION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ACT AS SUCH IN ANY WAY, AT ANY TIME, BEING THE ISSUING OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR, THE ARCHITECT, ENGINEER OR LAND SURVEYOR SHALL BE SUBJECT TO THE FOLLOWING: FIRST, SHALL BE TO THE NEW YORK BAR AND THE SUPERVISOR, UNDER BY FOLLOWING BY THEIR SIGNATURE AND THE DATE OF SUCH SIGNATURE, AND A SPECIFIC DESCRIPTION OF THE VIOLATION.

SHEET INFORMATION

Issued Scale

04/12/2024 As indicated

Project Status

BID DOCUMENTS

Drawn By

BKM

Checked By

AJS

Drawing Title

DETAILS AND CONTROLS
DIAGRAM

Drawing Number

SOMS
H800

ENERGY RECOVERY SCHEDULE																						
TAG	SUPPLY FAN		EXHAUST FAN		WINTER CONDITIONS						SUMMER CONDITIONS						ELECTRICAL			WEIGHT (LBS)	TYPICAL UNIT MFG & MODEL NO.	NOTES:
	CFM	E.S.P. (IN WC)	CFM	E.S.P. (IN WC)	ENTERING CONDITIONS		LEAVING CONDITIONS		SENSIBLE EFFECTIVENESS %	TOTAL EFFECTIVENESS %	ENTERING CONDITIONS		LEAVING CONDITIONS		SENSIBLE EFFECTIVENESS %	TOTAL EFFECTIVENESS %	VOLTS/HZ/Ø	FLA (PER FAN)	MCA			
					OA	RA	SUPPLY AIR				OA	RA	SUPPLY AIR									
					DB/WB (°F)	DB/WB (°F)	DB (°F)	WB (°F)			DB/WB (°F)	DB/WB (°F)	DB (°F)	WB (°F)								
ERV-1	100	0.5	100	0.5	2/4	70/55	53	42	75	69	92/74	75/63	79.25	67	75	55	120/60/1	1.22	10	36	RENEWAIRE EV PREMIUM MH	1.2
1. PROVIDE FACTORY MOUNTED DISCONNECT SWITCH.																						
NOTES: 2. TWO EC MOTORS.																						
3. PROVIDE WITH DIGITAL TIME CLOCK CONTROLLER AND FUTURE CONNECTION TO BMS.																						

FIN TUBE SCHEDULE																		
TAG	FIN SIZE (W X H)	FINS PER FT.	FIN TYPE	TUBE SIZE	TIERS	LENGTH (FT)	HOT WATER						ENCLOSURE				TYPICAL UNIT MFG & MODEL NO.	NOTES:
							FLOW (GPM)	BTU/H/FT	BTU/H	EWT (F°)	LWT (F°)	AWT (F°)	HEIGHT (IN.)	DEPTH (IN.)	HEIGHT AFF (IN.)	STYLE		
FT-1	4-1/4" X 3-5/8"	32	CU/AL	3/4"	1	7	0.65	930	6510	180	160	170	24	5 5/16	4	SLOPE TOP	STERLING JVB-ARS	1, 2, 3
1. PROVIDE ACCESS DOOR IN ENCLOSURE AS NECESSARY FOR ACCESS TO SHUTOFF VALVE, CONTROL VALVE, AND ACCESSORIES.																		
<u>NOTES:</u> 2. ENCLOSURE COLOR TO BE SELECTED BY ARCHITECT.																		
3. PROVIDE WITH 16 GAUGE ENCLOSURE.																		

HEAT PUMP SCHEDULE																
TAG	LOCATION	SERVICE	MANUFACTURER	MODEL	NOMINAL CAP. (TONS)	REF. TYPE	RATED COOLING CAPACITY (MBH)		RATED HEATING CAPACITY (MBH)		EER	MCA	MOP	VOLT/Ø	OPERATING WEIGHT (LBS.)	NOTES
SSO-1	ROOF	SSI-1	DAIKIN	RXL09WMVJU9	0.75	410A	9,000		10,900		11.5	8.7	15	208/1	63	1,2,3
SSO-2	ROOF	SSI-2	DAIKIN	RZQ24TAVJUA	2	410A	24,000		27,000		12	16.5	20	208/1	172	1,2,3
1. FACTORY MOUNTED AND WIRED DISCONNECT.																
<u>NOTES:</u> 2. MOUNT ON 12" EQUIPMENT RAILS.																
3. PROVIDE DRAIN PAN HEATER.																

DUCT MOUNTED HEATING COIL SCHEDULE (ELECTRIC)															
TAG	LOCATION	SERVICE	MANUFACTURER	MODEL	CFM	EAT (°F)	LAT (°F)	KW	H (IN.) x L (IN.)	STEPS	ELECTRICAL			WEIGHT (LBS)	NOTES
											V	PH	HZ		
EC-1	NURSE 190	ERV-1	RENEWAIRE	RH SERIES	100	53	84.5	1	8 X 11-1/2	4	120	1	60	10	1,2
NOTES: 1. PROVIDE DUCT MOUNTED TEMPERATURE SENSOR. 2. PROVIDE SCR CONTROLS, AND ELECTRONIC STEP CONTROLLER.															

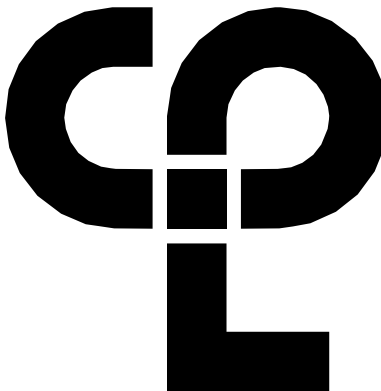
SPLIT SYSTEM INDOOR UNITS SCHEDULE													
TAG	LOCATION	SERVES	MANUFACTURER	MODEL	TYPE	CFM (H/M/L)	RATED CAP. (BTUH)		WEIGHT (LBS.)	MCA	MOP	POWER (VOLTS/Ø)	NOTES
							HEATING	COOLING					
SSI-1	STORAGE/IT	STORAGE/IT	DAIKIN	FTX09WMVJU9	WALL MOUNTED	417/297/244	10,900	9,000	18	8.7	15	208/1	1,2,3,4
SSI-2	NURSE	NURSE	DAIKIN	FCQ24TAVJU	CEILING CASSETTE	777/618/477	27,000	24,000	63	0.7	15	208/1	1,2,3,4
1. MINIMUM HEATING AMBIENT TEMPERATURE OF -4 F													
2. DRAIN PAIN LEVEL SENSORS.													
3. PROVIDE BACNET INTERFACE.													
4. PROVIDE MANUFACTURER'S CONDENSATE PUMP.													

FAN SCHEDULE																
TAG	LOCATION	SERVICE	MANUFACTURER	MODEL	TYPE	CFM	ESP (IN.WG.)	DRIVE					SONES	WEIGHT (LBS)	NOTES	
									MOTOR HP	MOTOR RPM	V	PH				HZ
EF-1	ROOF	ISOLATION ROOM	GREENHECK	G-60-VG	DOWNBLAST	50	0.13	DIRECT	0.07	972	115	1	60	1.2	19	1,2,3
1. PROVIDE WITH BACKDRAFT DAMPER.																
<u>NOTES:</u> 2. PROVIDE WITH ECM MOTOR.																
3. PROVIDE MANUFACTURER'S STANDARD ROOF CURB.																

GRAVITY VENTILATOR SCHEDULE									
TAG	LOCATION	SERVICE	THROAT AREA (SQ. FT.)	ROOF OPENING (IN)	AIR FLOW (CFM)	SP (IN. W.G.)	TYPICAL UNIT MFG & MODEL NO.	NOTES:	
GV-1	ROOF	ERV-1 INTAKE	0.35	10.5X10.5	100	0.013	GREENHECK GRSI-8	1,2,3	
GV-2	ROOF	ERV-1 RELIEF	0.35	10.5X10.5	100	0.008	GREENHECK GRSR-8	1,2,3	
1. WIRE MESH BIRD SCREEN.									
NOTES: 2. BACKDRAFT DAMPER									
3. PROVIDE WIND RATED ROOF CURB 14" HIGH.									


SOUTH ORANGETOWN MIDDLE SCHOOL NURSES OUTSIDE AIR CALCS										
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	Voz=VoI (CFM)	TOTAL EXHAUST REQUIRED (CFM)
NURSE 190	OFFICE SPACE	670.0	5	4	5	0.06	60	0.8	75	0
ISOLATION 190A	ISOLATION ROOM	107.0	0	0	0	0	0	0.8	0	50
RESTROOM 190B	TOILET	85.0	0	0	0	0	0	0.8	0	100
IT/STORAGE 190C	IT SPACE	192.0	0	0	0	0	0	0.8	0	0

REGISTERS, GRILLES, AND DIFFUSERS						
TAG	APPLICATION	MATERIAL	TYPE	FINISH	DESIGN EQUIP.	NOTES:
D1	SUPPLY	STEEL	LAY-IN	WHITE	PRICE SCD	1
R1	RETURN/EA	STEEL	LAY-IN	WHITE	PRICE S35	1
NOTES: 1. 24X24 FACE SIZE. 2. SEE PLANS FOR SIZE.						



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NY ENGINEERING FIRM CERTIFICATE #018330



SOUTH ORANGETOWN
Central School District

Capital Improvements Bond

Essential Infrastructure for Student
Health, Safety and Success

PROJECT INFORMATION

Project Number
R23.01124.00

Client Name
SOUTH ORANGETOWN CENTRAL
SCHOOL DISTRICT

Project Name
2024 CAPITAL IMPROVEMENTS
PROJECT

SOUTH ORANGETOWN MIDDLE SCHOOL

Building Address
160 VAN WYCK ROAD, BLAUVELT, NY 10913

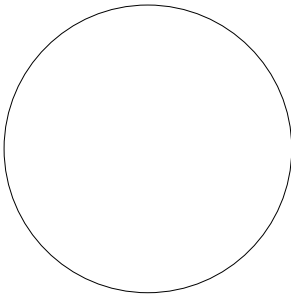
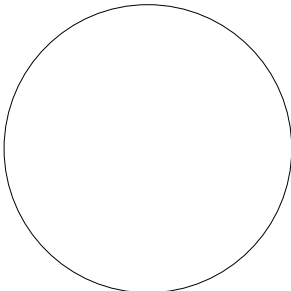
SID # 50-03-01-04-0-013-031

Responsible Engineer Dates
Louise Torres 09/30/23
Anthony Marchetti 05/31/24
Dore Hoff 02/28/25
Jennifer Wengender 06/30/24

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description
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PROFESSIONAL STAMPS



NEW YORK STATE EDUCATION PAYMENT

If a violation of the NEW YORK STATE EDUCATION LAW and the COMPASSIONATE REGULATION FOR ANY PERSON, UNDER ANY OF THE PROVISIONS OF SUCH LAWS, ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ACT AS SUCH IN ANY WAY AT AN FIRM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ADVISED, THE SIGNING PARTY SHALL HAVE TO SIGN THE NEW YORK AND THE SIGNATURE MUST BE FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH SIGNATURE, AND A SPECIFIC DESCRIPTION OF THE VIOLATION.

SHEET INFORMATION

Issued
04/12/2024

Project Status
BID DOCUMENTS

Drawn By
BKM

Checked By
AJS

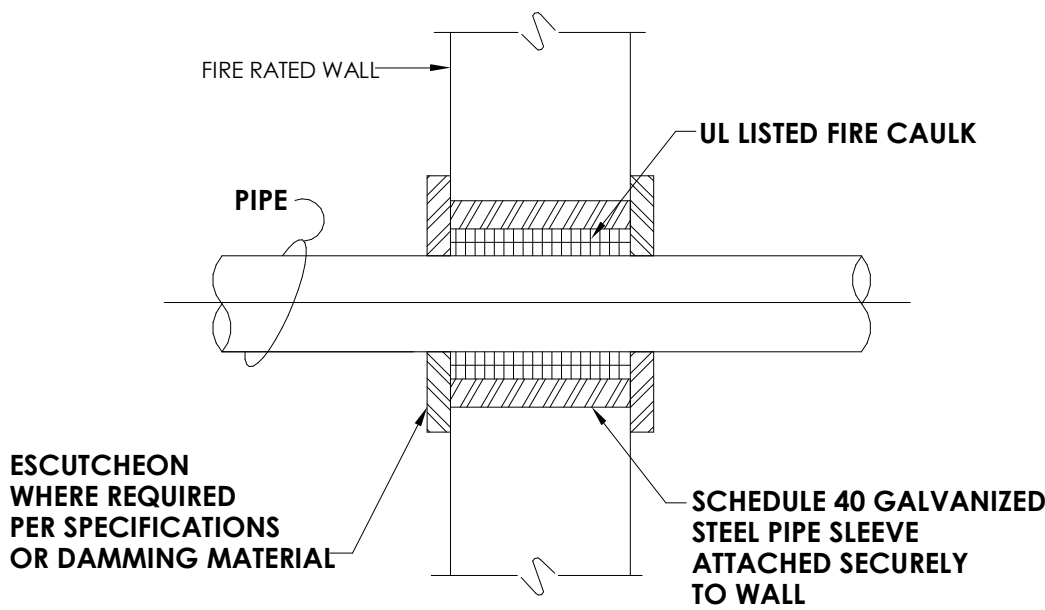
Drawing Title
MECHANICAL SCHEDULES

Drawing Number
SOMS
H900

PLUMBING EQUIPMENT & FIXTURE SCHEDULE									
MARK	FIXTURE	CW	HW	SAN	V	DESCRIPTION	MANUFACTURER	MODEL	REMARKS
LAV-1	LAVATORY	1/2"	1/2"	1 1/4"	1 1/2"	LUCERNE WALL HUNG LAVATORY, VITREOUS CHINA, ADA COMPLIANT, BATTERY POWERED FAUCET.	AMERICAN STANDARD	0356.041	FAUCET: SLOAN EFT-85, 0.5 GPM
SK-1	SINK (DROPIN)	1/2"	1/2"	1 1/2"	1 1/2"	ADA SINGLE BASIN, 22"x19"-1/2"x5-1/2" DROP-IN SINK, STAINLESS STEEL, SINGLE-HANDLE GOOSENECK FAUCET.	JUST MANUFACTURING	SLADA1921A55-J	FAUCET: AMERICAN STANDARD 7100.271H, 1.5 GPM
WC-1	ADA WATER CLOSET (WALL)	1"		4"	2"	AFWALL MILLENIUM WALL MOUNTED WATER CLOSET, VITREOUS CHINA, ADA COMPLIANT, BATTERY POWERED SENSOR OPERATED FLUSH VALVE, 1.28 GPF	AMERICAN STANDARD	2257.101	FLUSH VALVE: SLOAN REGAL 111 SFSM, 1.28 GPF

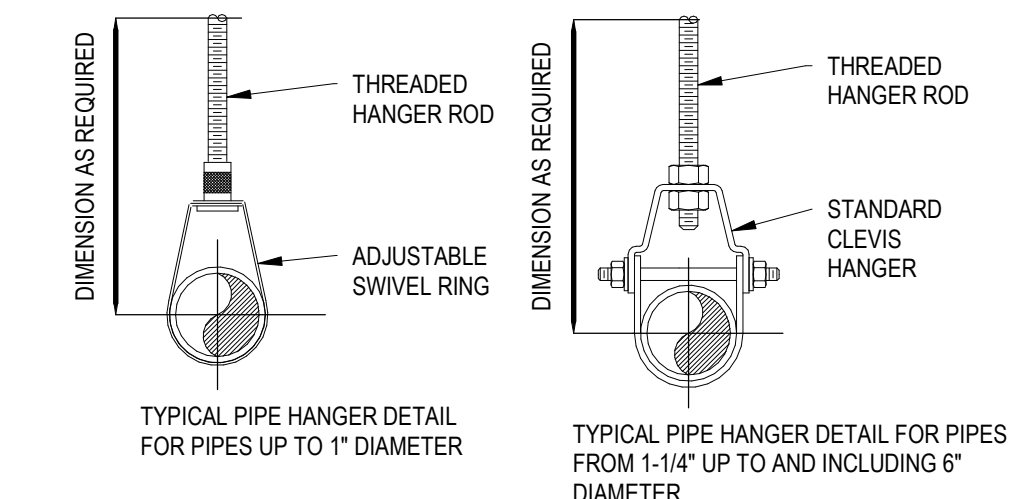
KEY NOTES:

- DISCONNECT & REMOVE EXISTING WATER CLOSET, TRIM, AND RELATED WATER/DRAIN/VENT PIPING.
- DISCONNECT & REMOVE EXISTING LAVATORY, SUPPORTS, TRIM, AND RELATED WATER/DRAIN/VENT PIPING.
- DISCONNECT & REMOVE EXISTING SINK, SUPPORTS, TRIM, AND RELATED WATER/DRAIN/VENT PIPING. REMOVE PIPING BACK MAIN AND CAP.
- PROVIDE LAVATORY AT ADA MOUNTING HEIGHT, PROVIDE CARRIER, DOMESTIC WATER SUPPLY LINES, SUPPLY SHUT OFF VALVES, P-TRAP, SANITARY PIPING, & VENT PIPING.
- PROVIDE WALL HUNG WATER CLOSET AND CARRIER, COLD WATER SUPPLY LINE, SUPPLY SHUT OFF VAVLE, SANITARY PIPING, & VENT PIPING.
- PROVIDE SINK, SUPPORTS, DOMESTIC WATER SUPPLY LINES, SUPPLY SHUT OFF VAVLES, P-TRAP, SANITARY PIPING, & VENT PIPING.
- RETAIN EXISTING ROUGH-IN DOMESTIC COLD, DOMESTIC HOT, SANITARY, AND VENT PIPING CONNECTIONS FROM DEMOLISHED SINK AND PREPARE FOR RECONNECTION OF NEW SINK IN ADJACENT ROOM.
- CONNECT SINK TO EXISTING DOMESTIC COLD, DOMESTIC HOT, SANITARY, AND VENT PIPING ROUGH-IN CONNECTIONS.
- REMOVE PIPING BACK TO MAIN AND CAP.
- PLUMBING CONTRACTOR TO OPEN WALL TO PROVIDE ACCESS FOR NEW VENT CONNECTION.
- PLUMBING CONTRACTOR TO PATCH 1 HOUR RATED MASONRY WALL TO CLOSE VENT CONNECTION ACCESS.



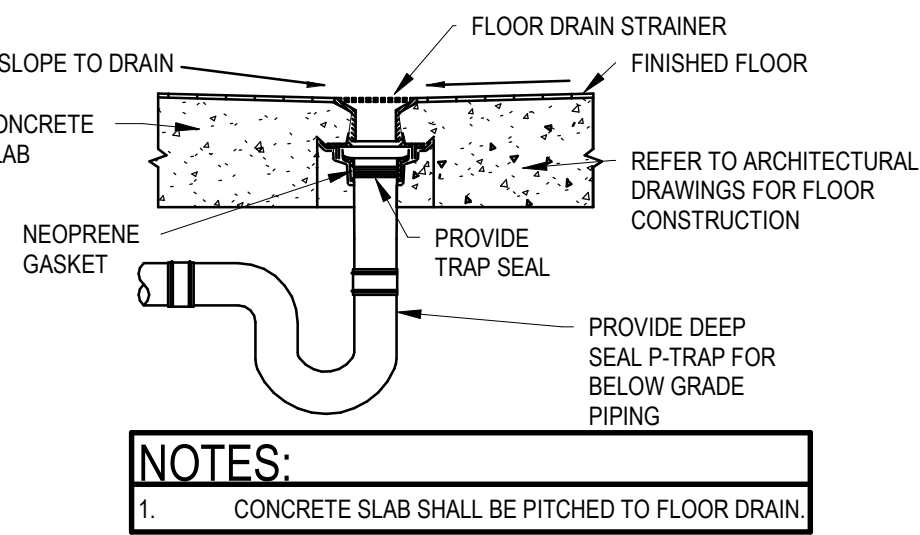
3
P201
SCALE: N.T.S.

DETAIL - PIPE THRU RATED WALL



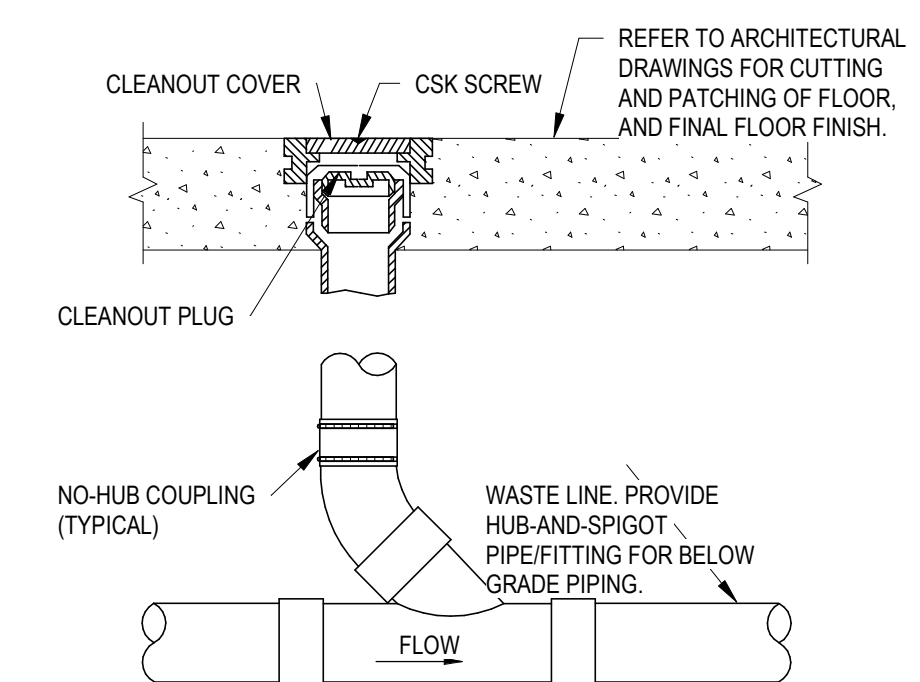
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P201
SCALE: N.T.S.

UN-INSULATED PIPE HANGERS



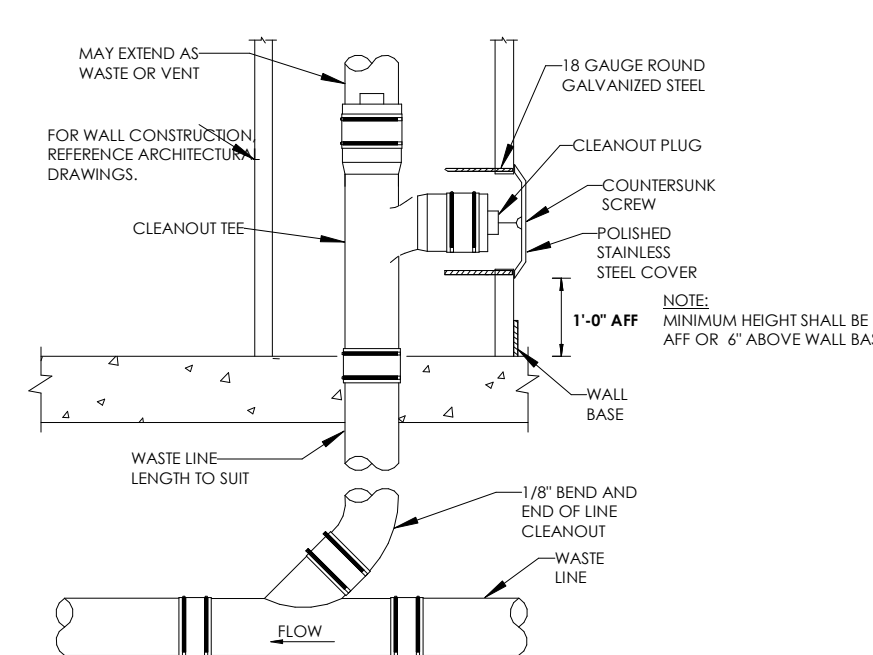
5
P201
SCALE: N.T.S.

TYPICAL FLOOR DRAIN



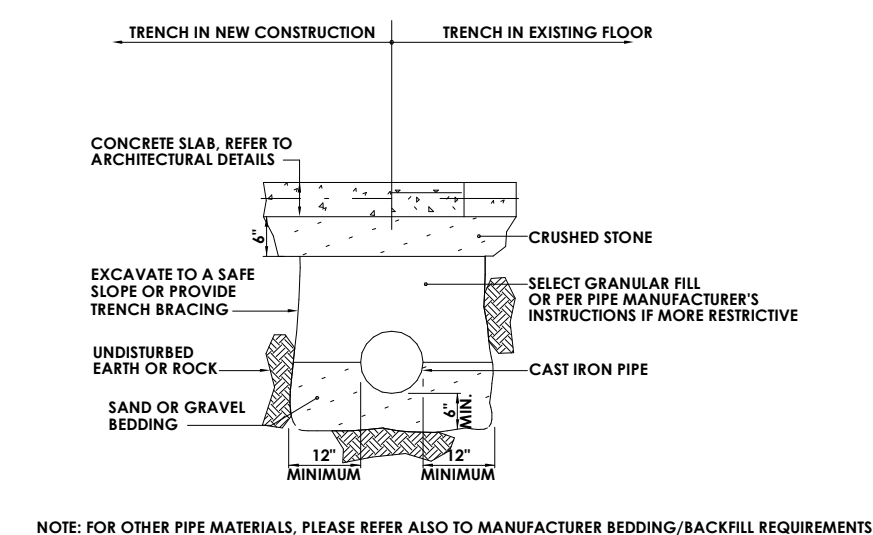
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P201
SCALE: N.T.S.

FLOOR CLEANOUT



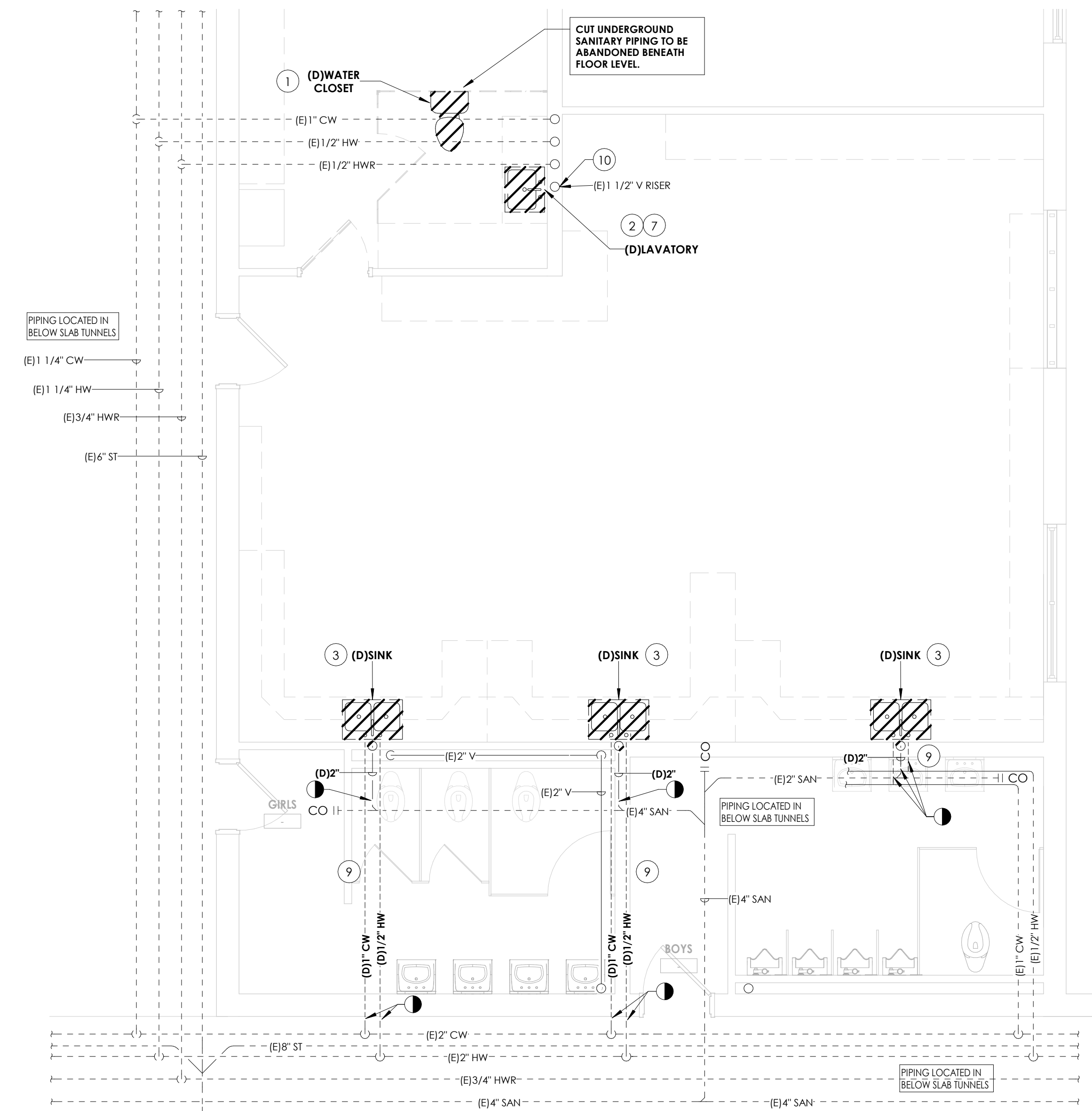
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P201
SCALE: N.T.S.

WALL CLEANOUT



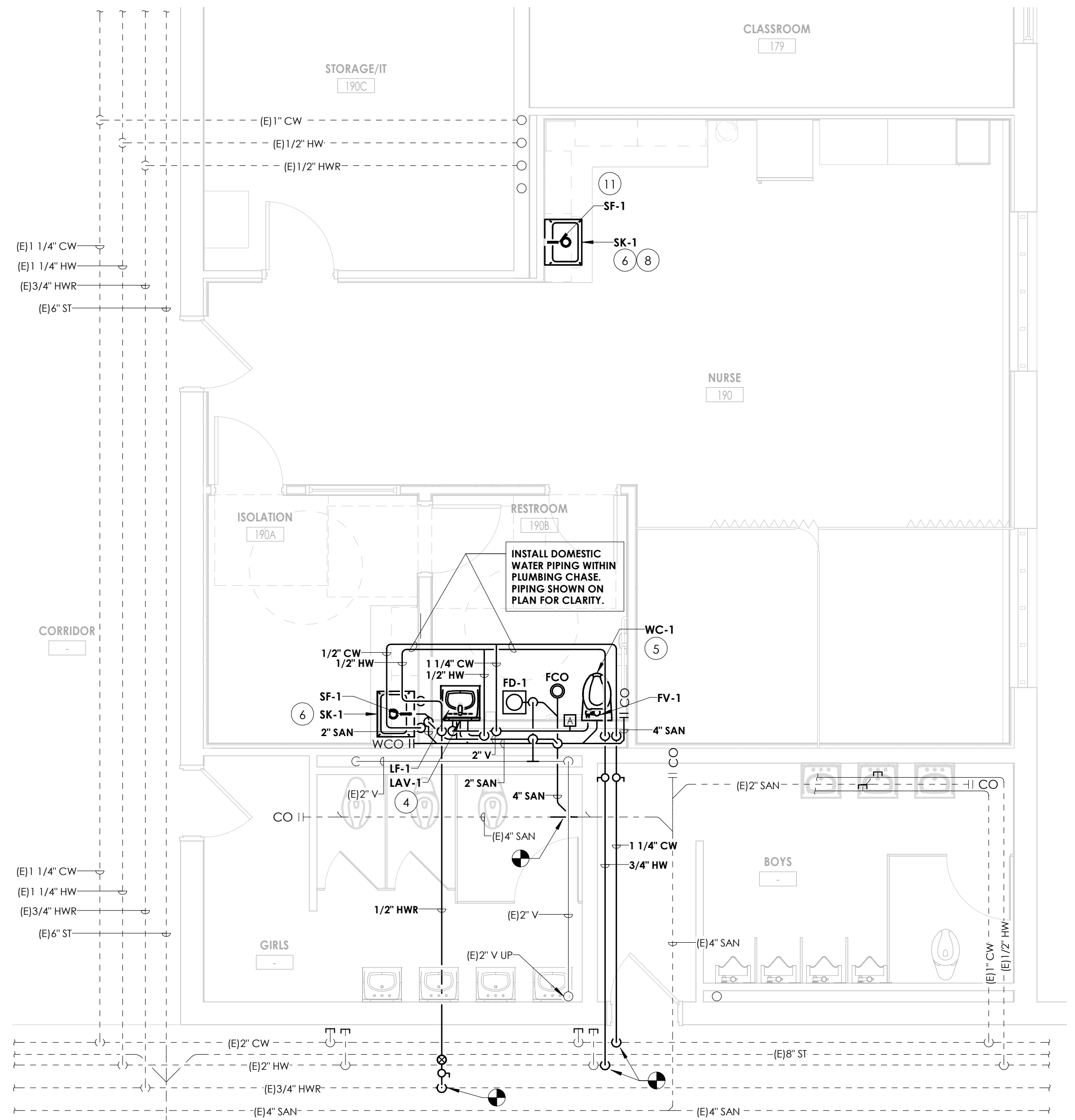
8
P201
SCALE: N.T.S.

DETAIL - PIPE TRENCH



1
P201
1/4" = 1'-0"

NURSE SUITE DEMOLITION PLAN



2
P201
1/4" = 1'-0"

NURSE SUITE NEW WORK PLAN

PIPING LEGEND

— XX —	PIPING
- - - XX - - -	PIPING BELOW SLAB
— X —	EXISTING PIPING
CW	COLD WATER
HW	HOT WATER
HWR	HOT WATER RECIRCULATING
SAN	SANITARY SEWER
V	VENT
- - - (D)XX - - -	PLUMBING TO BE REMOVED

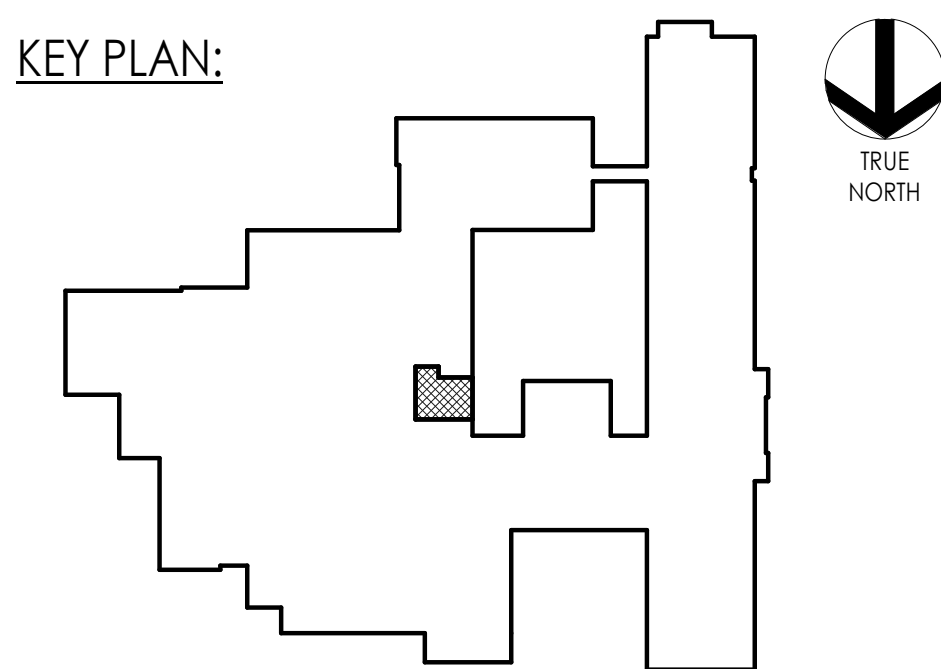
FIXTURES & FITTINGS LEGEND

— O —	TEE OUTLET - UP
— S —	TEE OUTLET - DOWN
— T —	CONNECTION - BOTTOM
— T —	CONNECTION TOP
— O —	ELBOW - TURNED UP
— C —	ELBOW - TURNED DOWN
— E —	PIPE CAP
— U —	UNION
— S —	BALL VALVE
— O —	BALANCING VALVE
— Z —	CHECK VALVE
— F —	BUTTERFLY VALVE
CO II	CLEAN OUT
FCO II	FLOOR CLEAN OUT
WCO II	WALL CLEAN OUT
HB	HOSE BIBB
FD	FLOOR DRAIN
— P —	POINT OF CONNECTION
— R —	POINT OF REMOVAL

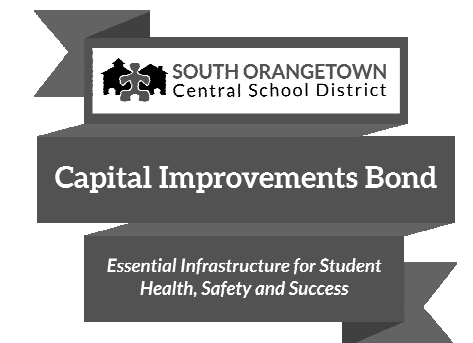
GENERAL NOTES

- ALL WORK SHALL COMPLY WITH STATE AND LOCAL CODES.
- DOMESTIC WATER LINES SHALL BE TYPE L COPPER, LEAD FREE JOINTS. INSULATE ALL PIPING WITH 1" THICK PREFORMED FIBERGLASS PIPE INSULATION WITH ASJ COVER. ALL FITTINGS AND VALVES TO BE COVERED WITH PREFORMED PVC FITTING COVERS. ALL EXPOSED VERTICAL FIXTURE SUPPLY LINES TO BE COVERED WITH PVC JACKET TO 7' ABOVE FINISHED FLOOR.
- UNDERGROUND SANITARY AND VENT PIPING SHALL BE SERVICE WEIGHT CAST IRON, HUB AND SPIGOT WITH RUBBER GASKET PUSH JOINTS. ABOVE GROUND SANITARY AND VENT PIPING SHALL BE DWV COPPER WITH DWV COPPER FITTINGS OR NO-HUB CAST IRON.
- IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS WITHIN THE BUILDING PRIOR TO COMMENCEMENT OF ALL DEMOLITION AND NEW WORK.
- IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO REMOVE AND REPLACE EXISTING CEILINGS UNLESS OTHERWISE NOTED ON THE ARCHITECTURAL DRAWINGS. FOR PERFORMING DEMOLITION OR NEW WORK WITHIN THE BUILDING, THE CONTRACTOR SHALL REINSTALL THE CEILING SYSTEMS TO MATCH THE ORIGINAL INSTALLATION. ANY CEILING SYSTEM COMPONENT DAMAGED DURING DEMOLITION, STORAGE, OR RE-INSTALLATION SHALL BE REPLACED WITH A NEW AT NO EXPENSE TO THE OWNER.
- ALL PIPING AND CONDUIT PENETRATIONS THRU RATED WALLS OR FLOORS SHALL BE PROVIDED WITH FIRE/SMOKE STOPPING.
- UNLESS SHOWN ON THE ARCHITECTURAL DRAWINGS, IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO PATCH AND FINISH ALL EXISTING PIPE PENETRATIONS AND TRENCHING THRU FLOOR AND WALLS AFTER DEMOLITION. IN ADDITION, ALL NEW PENETRATIONS AND TRENCHING SHALL BE PROVIDED FOR INSTALLATION OF PLUMBING SYSTEMS INCLUDING, BUT NOT LIMITED TO, EQUIPMENT, PIPING, ETC.
- TRENCHING AND BACKFILL IS THE RESPONSIBILITY OF THE PC.

KEY PLAN:



NY ENGINEERING FIRM CERTIFICATE #018330



PROJECT INFORMATION

Project Number
R23.01124.00
Client Name
SOUTH ORANGETOWN CENTRAL SCHOOL DISTRICT
Project Name
2024 CAPITAL IMPROVEMENTS PROJECT
SOUTH ORANGETOWN MIDDLE SCHOOL

Building Address
160 VAN WYCK ROAD, BLAUVELT, NY 10913

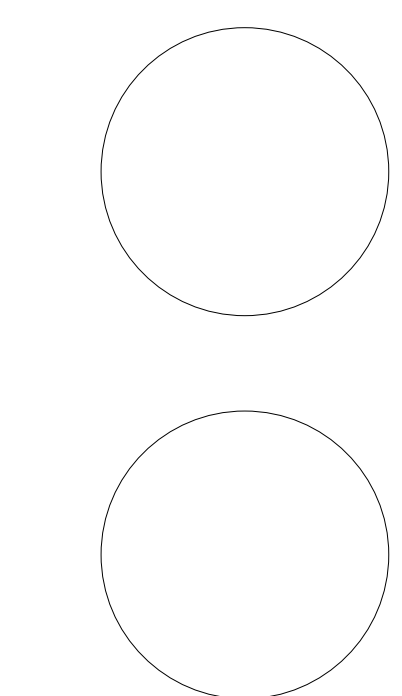
SED # 50-03-01-04-0-013-031

Registration Expiration Dates
Lauren Toppa 05/31/23
Anthony Marchetti 05/31/24
Dove Hoff 02/28/25
Jennifer Wengender 06/30/24

PROJECT ISSUE & REVISION SCHEDULE

Date Description

PROFESSIONAL STAMPS



NEW YORK STATE REGISTRATION
I, A VOUCHER OF THE NEW YORK STATE EDUCATION AND THE COMMISSIONERS' REGULATION FOR ANY PERSON, UNDER ACTING UNDER THE REGULATION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ACT AS AN ARCHITECT, ENGINEER OR LAND SURVEYOR, BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR, IN THE STATE OF NEW YORK, WITHIN THE NEW YORK STATE AND THE REGULATION NUMBER BY FOLLOWING BY THEIR SIGNATURE AND THE DATE OF SUCH SIGNATURE, AND A SPECIFIC DESCRIPTION OF THE ALTERNATION.

SHEET INFORMATION

Issued
05/15/2024
Project Status
BID DOCUMENTS
Drawn By
MLS
Checked By
JJW
Drawing Title
NURSE'S OFFICE DEMOLITION AND NEW WORK PLANS

Drawing Number

SOMS
P201

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
P	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
LV	LOW VOLTAGE SWITCH
D	DIMMER SWITCH
O	OCCUPANCY SENSOR SWITCH
V	VACANCY SENSOR SWITCH
SI	ROMAN NUMERAL DESIGNATES NUMBER OF SWITCHES
So	LOWER CASE LETTER DESIGNATES SWITCH LEG
⌀	SINGLE RECEPTACLE
≡	PLUG MOLD
⌀ ₂	DUPLEX RECEPTACLE
⌀ ₄	QUADRAPLEX RECEPTACLE
⬤	SPECIAL RECEPTACLE
GI	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
⌞	RECESSED FLOOR MOUNTED DUPLEX RECEPTACLE
⌞ _S	SURFACE MOUNTED FLOOR RECEPTACLE
⌞ _C	CEILING MOUNTED DUPLEX RECEPTACLE
— C —	CONDUIT
— W —	EXPOSED LOW VOLTAGE WIRING
≡	HORIZONTAL NON-METALLIC WIREWAY WITH DATA JACK OUTLETS AND ISOLATED GROUND TYPE DUPLEX RECEPTACLES
≡	VERTICAL NON-METALLIC WIREWAY WITH DATA JACK OUTLETS AND ISOLATED GROUND TYPE DUPLEX RECEPTACLES
— WM —	WIRE MOLD
J	JUNCTION BOX
F	FIRE SYSTEM
S	SECURITY SYSTEM
⌞	DISCONNECT SWITCH
⌞ _{WP}	DISCONNECT SWITCH - WEATHER PROOF (NEMA 3R)
⌞ _F	FUSED DISCONNECT SWITCH
⌞ ₊	COMBINATION FUSED DISCONNECT/ MAGNETIC STARTER SWITCH
HOA	HAND/OFF/AUTO
SS	START/STOP
⬢ M	MANUAL STARTER
VFD	COMBINATION VARIABLE FREQUENCY DRIVE AND DISCONNECT
VFD	VARIABLE FREQUENCY 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
PO	DOOR POWER OPERATOR
TC	TIME CLOCK
HD	HAND DRYER, HARD WIRED
HVP1-6	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
≡	BRANCH CIRCUIT WIRING, PROVIDE QUANTITIES OF CONDUCTORS REQUIRED FOR CIRCUITING AND SWITCHING AS INDICATED
—	POWER LEG ONLY (NO SWITCH LEG BETWEEN ROOMS)
⊕	HARDWIRE CONNECTION
OH	CONDUIT RISER UP
CH	CONDUIT RISER DOWN
T	TRANSFORMER
T _k	TYPE "K" TRANSFORMER
⌞	MUSHROOM HEAD PUSH BUTTON (EMERGENCY STOP)
⌞	EMERGENCY BREAK GLASS STATION
⊕	GROUNDING ROD

SINGLE LINE DIAGRAM LEGEND:

⏏	EARTH GROUND
⏏	CHASSIS GROUND
KVA	TRANSFORMER - KVA, PRIMARY AND SECONDARY VOLTAGE INDICATED, CONNECTIONS, K-RATING, AND SHIELD SPECIFIED
208/120/480V	
CT	CURRENT TRANSFORMER
PT	POTENTIAL TRANSFORMER
F	FUSE
DISC	DISCONNECT/LOADBREAK SWITCH
CB	CIRCUIT BREAKER
CB _W	CIRCUIT BREAKER DRAWOUT MOUNTED (LOW VOLTAGE)
ATS	AUTOMATIC TRANSFER SWITCH (NORMAL POSITION SHOWN)
M	METER
ECB	ENCLOSED CIRCUIT BREAKER
LA	LIGHTNING ARRESTER
FDS	FUSED DISCONNECT SWITCH
PANEL	PANELBOARD- RATINGS AS SPECIFIED IN SINGLE LINE DIAGRAM AND ON PANELBOARD SCHEDULE

COMMUNICATIONS LEGEND:

▼ *	TELEPHONE DROP
(NONE)	STANDARD MODULAR JACK FOR TELEPHONE
W	WALL MOUNTED TELEPHONE MODULAR JACK
P	PUBLIC TELEPHONE MODULAR JACK
C	COUNTER HEIGHT MODULAR JACK
▼	TELEPHONE FLOOR DROP
▼	DATA DROP
▼	COMPUTER FLOOR DROP
▼	COMBINATION TELEPHONE/DATA DROP
▼	WIRELESS ACCESS POINT
WT	WIRELESS TRANSMITTER
T	DATA RACK
TV	COAX CABLE DROP
PX	CEILING MOUNT LCD PROJECTOR
⬢	SPEAKER (PUBLIC ADDRESS)
(NONE)	CEILING MOUNTED
w	WALL MOUNTED
⬢	SPEAKER (LOCAL SOUND SYSTEM)
⬢	SPEAKER HORN
M	MICROPHONE JACK
SJ	SPEAKER JACK
V	VOLUME CONTROL
C	CLOCK
DC	DOUBLE FACE CLOCK
CIS	COMBINATION CLOCK AND SPEAKER
IC	INTERCOM STATION
PAC	REMOTE PRE-AMPLIFIER AND PAGING MICROPHONE
CJ	CONSOLE JACK
HL	HOUSE LIGHT CONTROL STATION
WB	WALL BOX AS SPECIFIED
FB	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:

F	FIRE ALARM PULL STATION
F _B	FIRE ALARM BELL
H	FIRE ALARM HORN
H _S	FIRE ALARM HORN AND STROBE COMBINATION
H _{WP}	FIRE ALARM HORN AND STROBE COMBINATION, WEATHER PROOF
S	FIRE ALARM SPEAKER
S _C	FIRE ALARM SPEAKER - CEILING MOUNTED
H _S	FIRE ALARM SPEAKER AND STROBE COMBINATION
F _S	FIRE ALARM STROBE
F _C	FIRE ALARM STROBE - CEILING MOUNTED
SD	SMOKE DETECTOR
SD _{WG}	SMOKE DETECTOR WITH GUARD
CO	CARBON MONOXIDE DETECTOR
CH4	NATURAL GAS SENSOR
HD	HEAT DETECTOR
SD _H	COMBINATION SMOKE/HEAT DETECTOR
HD _F	HEAT DETECTOR - 190° FIXED TEMPERATURE
HD _{EXP}	HEAT DETECTOR - EXPLOSION PROOF
SD _{BT}	BEAM SMOKE DETECTOR TRANSMITTER
SD _{BR}	BEAM SMOKE DETECTOR RECEIVER
SD	DUCT DETECTOR
SA	INDICATES INSTALLATION IN SUPPLY AIR
RA	INDICATES INSTALLATION IN RETURN AIR
RTS	REMOTE TEST STATION FOR DUCT DETECTOR
R	FIRE ALARM SHUT DOWN RELAY
DH	FIRE DOOR HOLD OPEN
VS	TAMPER SWITCH
WF	FLOW SWITCH
FSS	FIRE SUPPRESSION ANSUL SYSTEM CONNECTION
SD _{FD}	SMOKE DAMPER AND FIRE DAMPER
SD	SMOKE DAMPER
AM	CONTROL MODULE, ADDRESSABLE
R	AREA OF RESCUE CALL STATION
ADA	AREA OF RESCUE MASTER TELEPHONE STATION

SECURITY LEGEND:

KF	SECURITY KEY PAD
CC	VIDEO CAMERA
VNM	CCTV VIDEO MONITOR
MB	PASSIVE INFRARED MOTION DETECTOR
PR	PROXIMITY CARD READER
C	CALL SWITCH
DC	DOOR CONTACT
WC	WINDOW CONTACT
ES	ELECTRIC STRIKE DOOR RELEASE
ML	MAGNETIC DOOR RELEASE

NURSE CALL LEGEND:

CB	NURSE CALL BUTTON
P	NURSE CALL PATIENT BED STATION
B	CODE CALL BUTTON
SA	NURSE CALL STAFF ASSIST STATION
S	NURSE CALL STAFF STATION
SD	NURSE CALL DUTY/STAFF STATION
D	NURSE CALL DUTY STATION
H _{SD}	NURSE CALL LIGHT
H _C	NURSE CALL CODE LIGHT
H _Z	NURSE CALL ZONE LIGHT
M	NURSE CALL MASTER STATION
E	NURSE CALL EMERGENCY PULL STATION
R	NURSE CALL INFRARED SENSOR

LIGHT FIXTURE LEGEND:

XX	LIGHTING FIXTURE (SEE LIGHTING FIXTURE SCHEDULE FOR LETTER DESIGNATION AND DESCRIPTION OF FIXTURES)
XX	
XX	EMERGENCY AND/OR NIGHT LIGHT LIGHTING FIXTURE
XX	EXIT LIGHTING FIXTURE UNIVERSAL MOUNT, SINGLE/DOUBLE FACE (WHERE USED, ARROW INDICATES CHEVRON DIRECTION)
XX	BATTERY POWERED EMERGENCY LIGHT
XX	EMERGENCY LIGHT REMOTE HEAD
XX	TRACK LIGHTING
XX	POLE MOUNTED LIGHTING (QUANTITY AND ORIENTATION OF HEADS AS SHOWN)
OS	OCCUPANCY SENSOR - CEILING MOUNTED
OSW	OCCUPANCY SENSOR - WALL MOUNTED
LC	LIGHTING CONTACTOR
PC	PHOTOCELL

PANEL LEGEND:

XXX	EXISTING ELECTRICAL PANEL
XXX	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
XXX	ELECTICAL SYSTEMS PANEL
SACP	SECURITY ALARM CONTROL PANEL
FACP	FIRE ALARM CONTROL PANEL
PA	PUBLIC ADDRESS CONTROL PANEL
FAAP	FIRE ALARM ANNUNCIATOR PANEL

ELECTRICAL PANELBOARD LABELING PLACARD

LINE 1 - PANELBOARD NAME: PP1 (EXAMPLE)
LINE 2 - VOLTAGE AND PHASE: 480/277V-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 LATEST ADOPTED EDITION OF THE NATIONAL ELECTRIC CODE (NFPA 70).
- CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS AND COORDINATE WITH EXISTING EQUIPMENT PRIOR TO BIDDING.
- INSTALL DATA JACKS FOR CEILING MOUNTED WIRELESS TRANSMITTERS ABOVE CEILING IN ALL AREAS WHERE THERE IS AN ACCESSIBLE CEILING, UNLESS OTHERWISE NOTED. PROVIDE FLUSH MOUNTED JACKS IN ALL HARD CEILINGS.

BUILDING:

- 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:

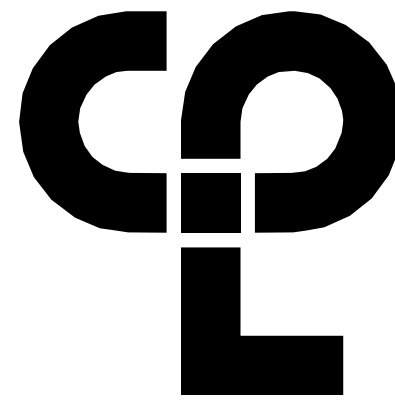
- UNLESS NOTED OTHERWISE ON THE DRAWINGS OR ON THE EQUIPMENT WIRING SCHEDULE, EACH BRANCH CIRCUIT SHALL BE THREE (3) #12 AWG THHN/THWN (1 HOT, 1 NEUTRAL & 1 EQUIPMENT GROUND) IN 3/4" EMT CONDUIT. PROTECT EACH CIRCUIT WITH A 20 AMPERE, 1-POLE OVERCURRENT DEVICE UNLESS OTHERWISE NOTED. PROVIDE #10 AWG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

INSTALLATION HEIGHTS:

HEIGHT TO CENTER OF EQUIPMENT ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED TO BE THE FOLLOWING:

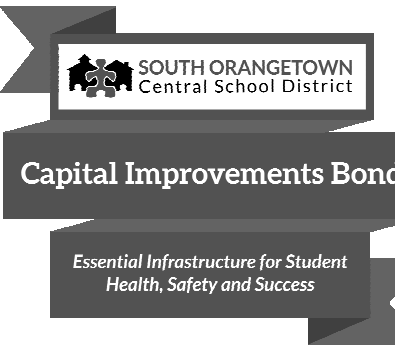
- RECEPTACLE = 18"
- SWITCH = 44"
- MODULAR JACK FOR WALL MOUNTED TELEPHONE = 52"
- MODULAR TELEPHONE JACK = 18"
- AUDIO/VISUAL FIRE ALARM INDICATORS = 88"
- FIRE ALARM PULL STATIONS = 48"
- TELEVISION OUTLET = 7'-0"
- COMPUTER OUTLET = 18"
- CALL SWITCH = 44"
- REMOTE TEST STATION FOR DUCT DETECTOR = 52"

C = ABOVE COUNTER BACKSPLASH, COORDINATE WITH ARCHITECTURAL ELEVATIONS.



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NY ENGINEERING FIRM CERTIFICATE #018330



PROJECT INFORMATION

Project Number
R23.01124.00

Client Name

**SOUTH ORANGETOWN CENTRAL
SCHOOL DISTRICT**

Project Name

**2024 CAPITAL IMPROVEMENTS
PROJECT**

SOUTH ORANGETOWN MIDDLE SCHOOL

Building Address
160 VAN WYCK ROAD, BLAUVELT, NY 10913

SED # 50-03-01-04-0-013-031

Registration Expiration Dates

Louise Tarras 05/31/23

Anthony Marchetti 05/31/24

Dave Hoff 02/28/25

Jennifer Wengender 06/30/24

PROJECT ISSUE & REVISION SCHEDULE

Date Description

PROFESSIONAL STAMPS

NEW YORK STATE REGULATION

IF A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONERS' REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ADD ANYTHING IN ANY WAY TO ANY DRAWING, BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR, OR TO REMOVE ANYTHING THEREFROM, SHALL BE A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, AND THE PERSON SHALL BE SUBJECT TO THE PENALTIES PROVIDED BY THE EDUCATION LAW, AND THE STATE OF NEW YORK, AND A SPECIFIC DESCRIPTION OF THE VIOLATION.

SHEET INFORMATION

Issued 05/15/24

Scale AS NOTED

Project Status

BID DOCUMENTS

Drawn By

MAY

Drawing Title

JBT

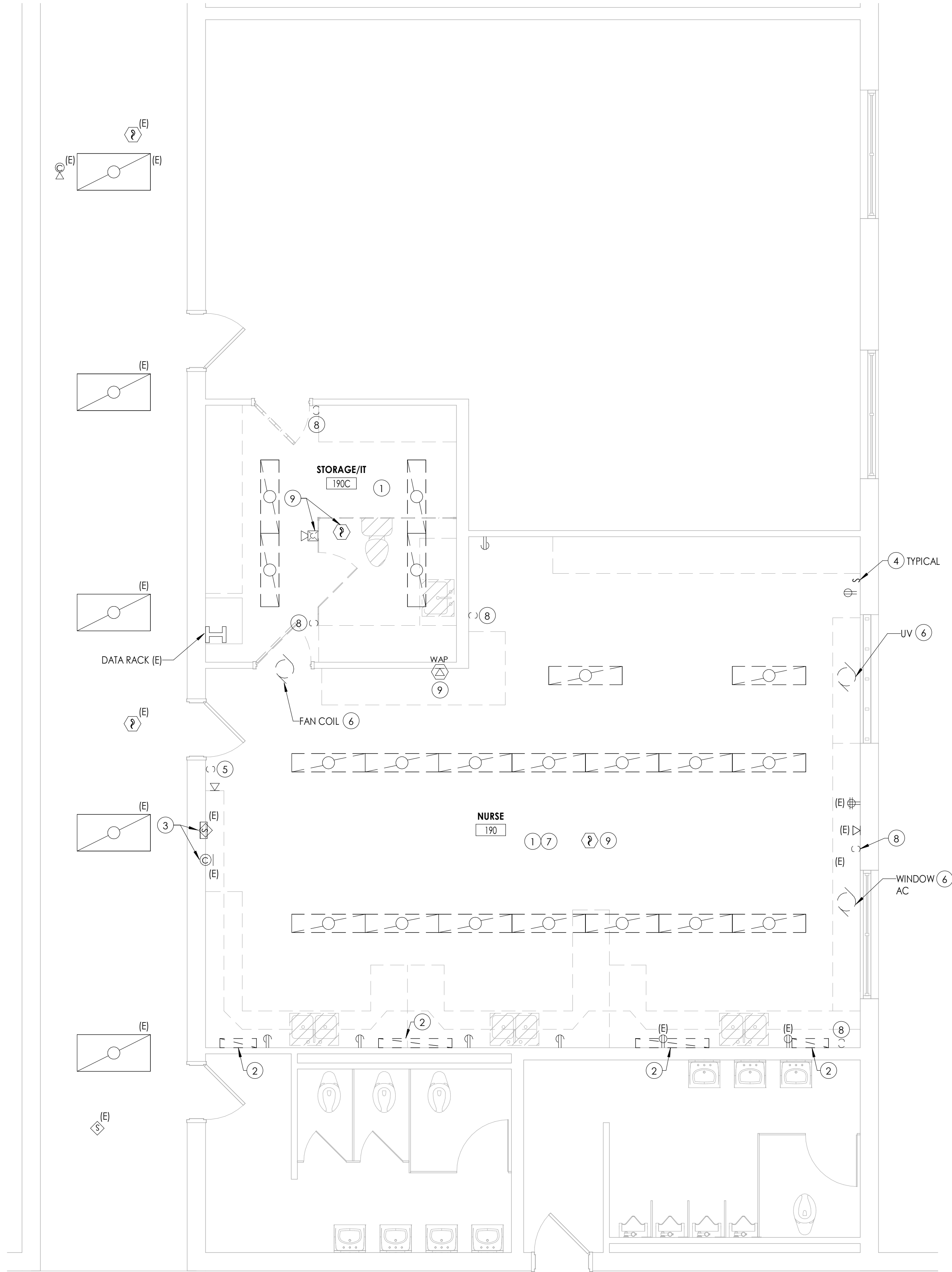
Electrical Symbols Legend,

Notes & System Diagrams

Drawn Number

SOMS

E000



1
E100
FIRST FLOOR ELECTRICAL DEMOLITION PLAN
1/4" = 1'-0"

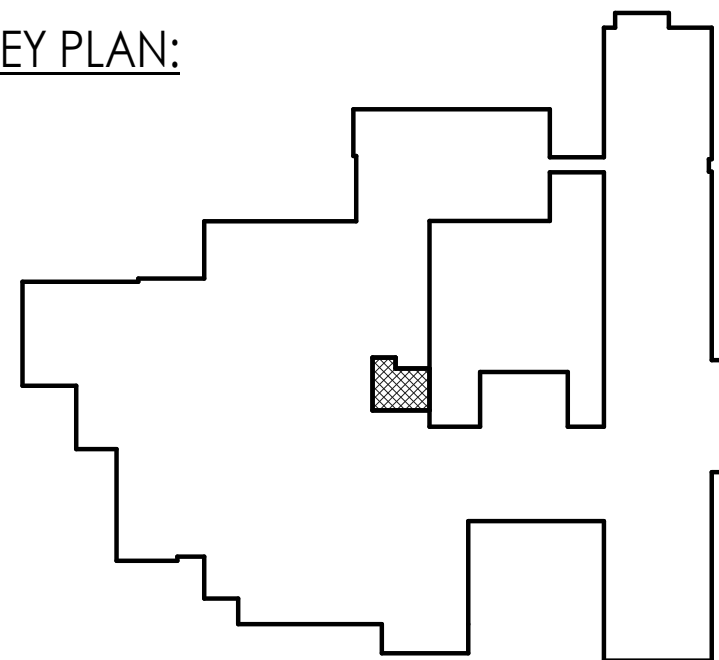
GENERAL NOTES

- A. ALL ITEMS SHOWN ARE TO BE REMOVED UNLESS LABELED AS (E) EXISTING. REMOVAL OF DEVICE INCLUDES ITS ASSOCIATED CABLING/BRANCH CIRCUIT WIRING, AND RACEWAY.
- B. ANY EXISTING DEVICE TO REMAIN, LABELED AS (E) SHALL REMAIN IN PLACE AS WELL AS ITS ASSOCIATED CIRCUITING AND CONDUIT, UNLESS OTHERWISE NOTED.
- C. THE CONTRACTOR SHALL REMOVE THE EXISTING ELECTRIC IN AREAS OF NEW RENOVATIONS TO ACCOMMODATE NEW CONSTRUCTION. REROUTING OF EXISTING MAY BE REQUIRED AT NEW OPENINGS IN EXISTING CONSTRUCTION OR INTERFERENCE WITH OTHER NEW WORK AS NOTED IN THE FOLLOWING NOTES.
- D. DRAWINGS INDICATE SPECIFIC ITEMS TO BE REMOVED AND/OR RELOCATED IN ORDER TO INDICATE GENERAL SCOPE. ADDITIONAL ITEMS NOT INDICATED, BUT NECESSARY FOR PROJECT RENOVATIONS, SHALL BE REMOVED, RELOCATED AND/OR REROUTED. THE CONTRACTOR SHALL ASSUME WITHIN THE BASE BID A NOMINAL AMOUNT OF BRANCH CIRCUITS, FIXTURES, DEVICES, AND SYSTEMS WIRING WITHIN WALLS OR OPENINGS BEING REMOVED OR RELOCATED AS REQUIRED TO ACCOMMODATE THE NEW CONSTRUCTION.
- E. WHERE DEVICES, FIXTURES, ETC. ARE INDICATED TO BE REMOVED, THEY AND THEIR RELATED WIRING/CONDUIT SHALL BE REMOVED BACK TO THE SOURCE PANELBOARD UNLESS OTHERWISE NOTED. ON CIRCUITS WHERE OTHER DEVICES, FIXTURES, ETC. ARE FOUND THAT MUST REMAIN, MAINTAIN CIRCUIT CONTINUITY BY PROVIDING ADDITIONAL WIRING, TO FEED THROUGH TO THESE REMAINING ITEMS. RELOCATE ANY CIRCUITS THAT REMAIN, TO AVOID CONFLICT WITH NEW CONSTRUCTION AS REQUIRED. PROPERLY TERMINATE ALL WIRING.
- F. COORDINATE DEMOLITION OF EQUIPMENT, DEVICES, ETC. WITH OTHER DISCIPLINES AS APPLICABLE. REFER TO ARCHITECTURAL DEMOLITION DRAWINGS AND NOTES FOR COORDINATION.
- G. DRAWINGS ARE GRAPHICAL REPRESENTATIONS OF APPROXIMATE EQUIPMENT AND DEVICE LOCATIONS. CONTRACTOR SHALL VISIT THE SITE TO DETERMINE THE EXACT EXTENT OF ELECTRICAL WORK REQUIRED TO COMPLETE THE PROJECT. EXISTING CONDITIONS ARE TAKEN FROM FIELD OBSERVATION AND EXISTING BUILDING DOCUMENTS. OTHER ELECTRICAL ITEMS MAY EXIST FOR WHICH THE CONTRACTOR IS RESPONSIBLE.
- H. CONTRACTOR SHALL PROPERLY DISPOSE OF ALL ITEMS, EQUIPMENT, PANELS, LIGHT FIXTURES, ETC. BEING REMOVED AS PART OF THIS PROJECT. THE OWNER SHALL HAVE THE RIGHT OF RETAINING ANY ITEMS BEING REMOVED.
- I. CONTRACTOR SHALL PROVIDE NEW COVERPLATES ON ALL BOXES OF UNUSED AND/OR REMOVED FLUSH MOUNT DEVICES UPON COMPLETION OF PROJECT.
- J. FIREPROOFING AND/OR FIRE STOP MATERIALS REMOVED FROM FIRE RATED WALLS AND CEILINGS AS A RESULT OF DEMOLITION SHALL BE RE-INSTALLED USING AN APPROVED METHOD AS DESCRIBED IN ASSOCIATED PROJECT SPECIFICATIONS.

KEY NOTES

- 1 DISCONNECT AND REMOVE EXISTING LIGHT FIXTURES. TAG CIRCUITRY FOR RE-USE.
- 2 DISCONNECT AND AND REMOVE LIGHT FIXTURE IN THEIR ENTIRETY. REMOVE CONDUIT/WIRING BACK TO SOURCE.
- 3 DISCONNECT AND STORE CLOCK AND SPEAKER FOR RE-USE. TAG WIRING FOR RE-USE.
- 4 DISCONNECT AND REMOVE ALL LIGHT SWITCHES AND WIRING IN THEIR ENTIRETY.
- 5 DISCONNECT AND REMOVE EXISTING SWITCH AND CIRCUITRY. BACK BOX AND CONDUIT TO REMAIN.
- 6 DISCONNECT AND REMOVE EXISTING CONDUIT AND WIRING TO EQUIPMENT IN ITS ENTIRETY.
- 7 WALLS IN THIS ROOM ARE TO BE FURRED OUT TO ACCOMMODATE NEW DEVICES. EXISTING DEVICES LOCATED ON WALLS ARE TO BE DISCONNECT, REMOVED, AND TAGGED FOR RE-USE.
- 8 DISCONNECT AND REMOVE EXISTING SWITCHES, CIRCUITRY, CONDUIT AND BACKBOXES. REMOVE WIRING BACK TO SOURCE.
- 9 DISCONNECT EXISTING DEVICES SHOWN FOR RE-LOCATION. STORE DEVICES AND TAG ALL CIRCUITRY FOR RE-USE.

KEY PLAN:



PROJECT INFORMATION

Project Number
R23.01124.00
Client Name
SOUTH ORANGETOWN CENTRAL SCHOOL DISTRICT
Project Name
2024 CAPITAL IMPROVEMENTS PROJECT
SOUTH ORANGETOWN MIDDLE SCHOOL
Building Address
160 VAN WYCK ROAD, BLAUVELT, NY 10913

SED # 50-03-01-04-0-013-031
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PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description
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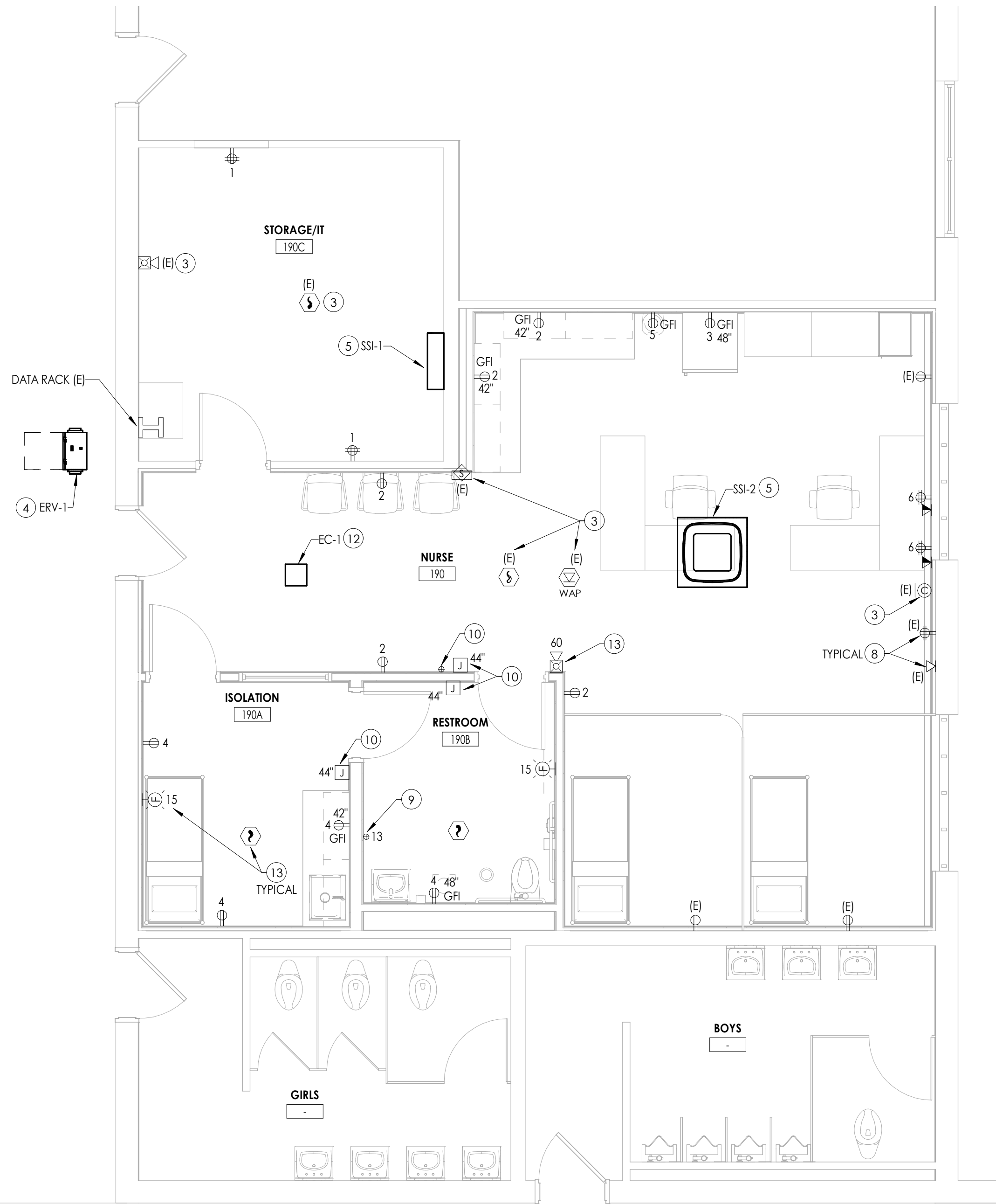
PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATUTE
IF IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONERS REGULATION FOR ANY PERSON, UNDER ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER ANY ITEM IN ANY WAY, IF ANY ITEM, BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR, IS ALTERED, THE ALTERING PARTY SHALL WITHIN 10 DAYS FROM SUCH ALTERATION, FURNISH BY TELEPHONE OR BY MAIL, TO THE NEW YORK STATE BOARD OF ARCHITECTURE, ENGINEERING AND SURVEYING, A WRITTEN STATEMENT OF THE NATURE AND DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

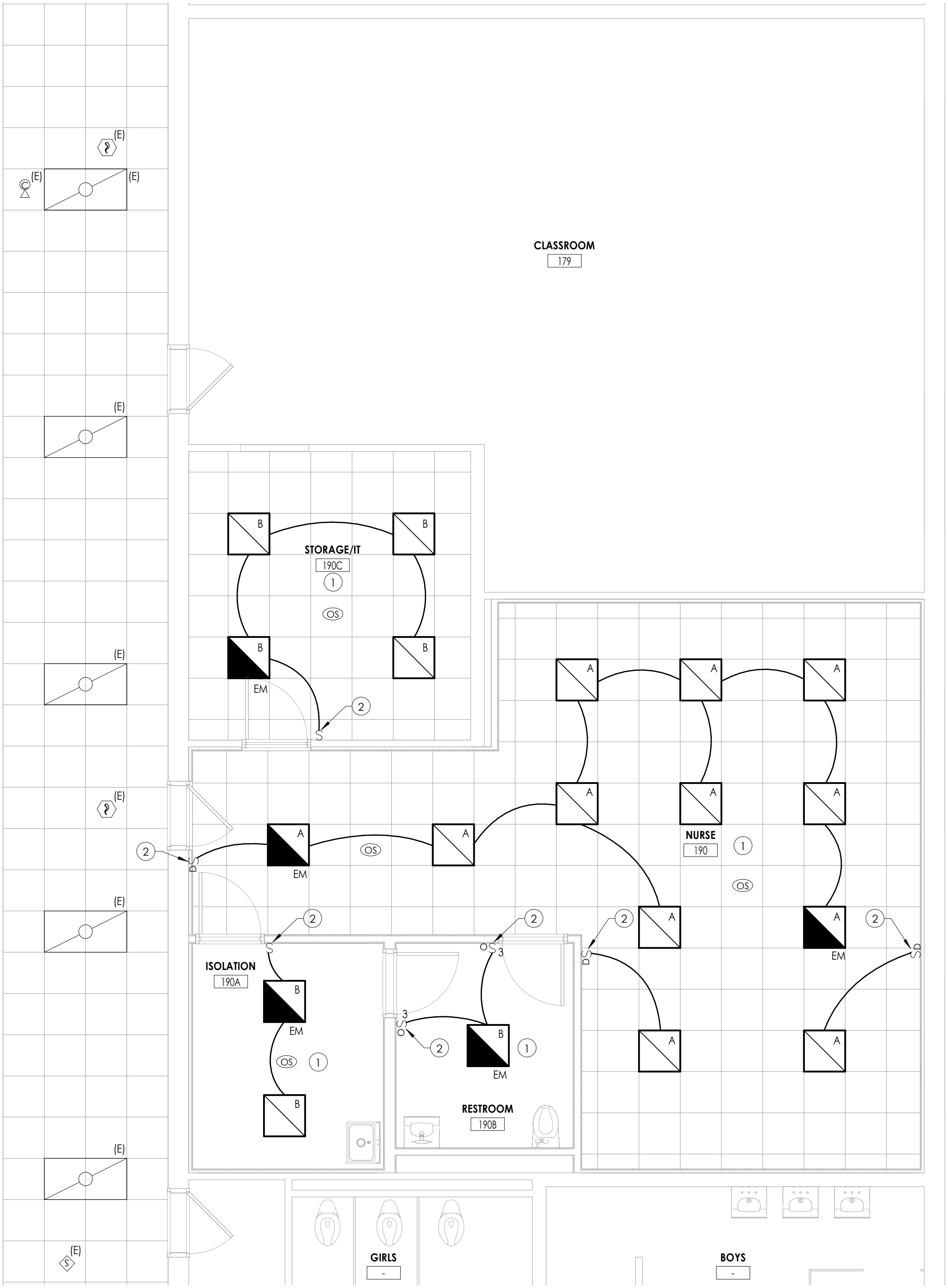
SHEET INFORMATION

Issued	Scale
05/15/24	As indicated
Project Status	
BID DOCUMENTS	
Drawn By	Checked By
MAY	JBT
Drawing Title	
FIRST FLOOR DEMOLITION PLAN	

Drawing Number
SOMS E100



1 FIRST FLOOR ELECTRICAL NEW WORK PLAN
E200 1/4" = 1'-0"



2 FIRST FLOOR LIGHTING PLAN
E200 1/4" = 1'-0"

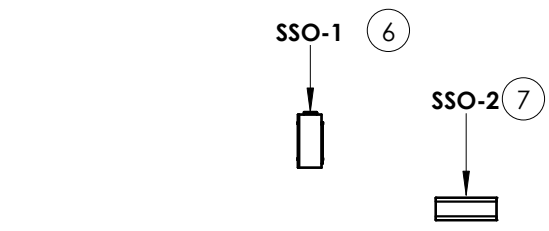
LUMINAIRE SCHEDULE							
MARK	DESCRIPTION	DESIGN MAKE	MODEL NUMBER	VOLTS	LAMP		REMARKS:
					WATTS	TEMPERATURE	
A	2X2 RECESSED LED TROFFER	SIGNIFY LIGHTING	42-22-D1-ST-L-935-40-Q-1-UNV-E	UNV	36	3500K	
A/EM	2X2 RECESSED LED TROFFER WITH EMERGENCY BATTERY BACKUP	SIGNIFY LIGHTING	42-22-D1-ST-L-935-40-Q-B-UNV-E	UNV	36	3500K	2,3
B	2X2 RECESSED LED FLAT PANEL	SIGNIFY LIGHTING	2FPZ-38B-835-2-DS-UNV-DIM-FMA22	UNV	29	3500K	1
B/EM	2X2 RECESSED LED FLAT PANEL EMERGENCY BATTERY BACKUP	SIGNIFY LIGHTING	2FPZ-38B-835-2-DS-UNV-DIM-BSL6SLT-FMA23	UNV	29	3500K	1,2,3
REMARKS:							
1. FIXTURES ARE TO BE PROVIDED WITH GYP CEILING MOUNTING FLANGE KIT, PART NO. FMA22							
2. ALL FIXTURES SHOWN WITH AN "EM" DESIGNATION INDICATES AND EMERGENCY FIXTURE. PROVIDE EMERGENCY BATTERY BACKUP FOR EACH FIXTURE INDICATED.							
3. ALL "EM" BATTERY BACKUPS WITHIN FIXTURE SHALL BE WIRED TO THE UNSWITCHED HOT LEG OF THE CIRCUIT FEEDING IT.							

GENERAL NOTES

- FOR ALL 120V DEVICES SHOWN, WIRE WITH (2) #12, #12G IN 3/4" C AND CONNECT TO EXISTING SPARE 20A/1P CIRCUIT BREAKER IN PANEL LVP2 INDICATED BY CIRCUIT NUMBER ADJACENT TO DEVICE.
- ALL CIRCUITS OVER 100 FEET TO BE WIRED WITH #10 THHN.
- FIXTURE TYPE MARK IS INDICATED ADJACENT TO ALL LIGHT FIXTURES, REFER TO LUMINAIRE SCHEDULE ON THIS DRAWING FOR FIXTURE DESCRIPTIONS, TYPES, NOTES, AND SPECIFICATIONS.
- ALL LIGHT FIXTURES SHOWN SHALL BE WIRED WITH (2) #12, (1) #12GND IN 3/4" CONDUIT, WIRED TO PANEL AND CIRCUIT INDICATED. CIRCUITS EXCEEDING 100' SHALL BE WIRED WITH #10 CONDUCTORS.
- PROVIDE ANY ADDITIONAL POWER SUPPLIES OR OTHER MISCELLANEOUS COMPONENTS REQUIRED FOR A COMPLETE, OPERATIONAL LIGHTING SYSTEM TO MEET THE DESIGN INTENT OF THE LIGHTING SEQUENCE OF OPERATIONS AS SHOWN.
- FOR ALL DATA/VOICE DEVICES SHOWN, PROVIDE A FLUSH MOUNTED 2-GANG BOX WITH SINGLE GANG DEVICE RING. PROVIDE (2) CATEGORY 6 UTP CABLE IN 1-1/4" CONDUIT TO DEVICE LOCATIONS. CABLING TO RUN TO DATA RACK IN STORAGE/IT 190C. PROVIDE 2-PORT FACEPLATE, BRACKETS, (2) RJ-45 JACKS, ETC. AT EACH LOCATION.

KEY NOTES

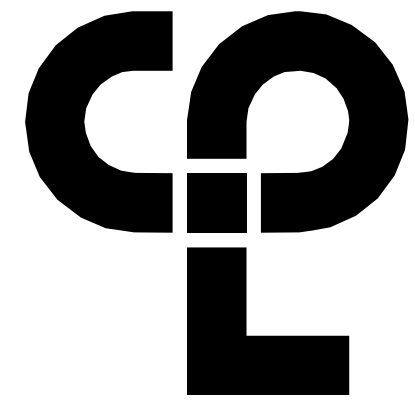
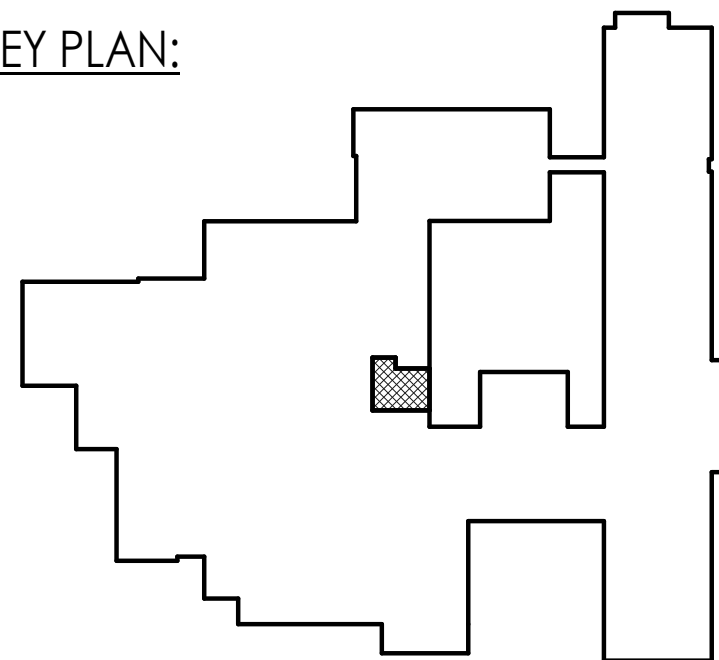
- CONNECT NEW LIGHT FIXTURES AND SWITCHES TO EXISTING TAGGED CIRCUITRY.
- PROVIDE NEW SWITCHES AS INDICATED. PROVIDE ALL LOW VOLTAGE WIRING, POWER PACKS, AND DEVICES AS NECESSARY TO PROVIDE A COMPLETE LIGHTING SYSTEM.
- NEW LOCATION OF EXISTING DEVICES, CONNECT TO EXISTING TAGGED WIRING. REWORK/EXTEND WIRING AS NECESSARY TO ACCOMMODATE NEW DEVICE LOCATIONS.
- PROVIDE (2) #12, (1) #12 GND IN 3/4" CONDUIT FROM PANEL LVP2, CIRCUIT 7 TO ERV-1. UTILIZE EXISTING 20-AMP, 1-POLE CIRCUIT BREAKER.
- PROVIDE (2) #12, (1) #12 GND IN 3/4" CONDUIT FROM PANEL LVP2, CIRCUIT 8, 10 TO SSI-1 AND SSI-2. PROVIDE A 20-AMP, 2-POLE CIRCUIT BREAKER IN SPACES INDICATED. PROVIDE (2) #12, (1) #12 GND IN 3/4" CONDUIT FROM PANE LVP2, CIRCUIT 16 TO CONDENSATE PUMPS FOR SSI-1 AND SSI-2. PROVIDE A 20-AMP, 1-POLE CIRCUIT BREAKER IN SPACE INDICATED.
- PROVIDE (2) #10, (1) #12 GND IN 3/4" CONDUIT FROM PANEL LVP2, CIRCUIT 9, 11 TO SSO-1. PROVIDE A 20-AMP, 2-POLE CIRCUIT BREAKER IN SPACES INDICATED.
- PROVIDE (2) #10, (1) #12 GND IN 3/4" CONDUIT FROM PANEL LVP2, CIRCUIT 12, 14 TO SSO-2. PROVIDE A 20-AMP, 2-POLE CIRCUIT BREAKER IN SPACES INDICATED.
- EXISTING WALL MOUNTED DEVICES TO BE PLACED IN NEW FURRED OUT WALLS AT LOCATIONS INDICATED.
- PROVIDE (2) #12, (1) #12GND IN 3/4" CONDUIT FROM PANEL LVP2, CIRCUIT 13 TO NEW HAND DRYER. UTILIZE EXISTING 20-AMP, 1-POLE CIRCUIT BREAKER.
- PROVIDE JUNCTION BOXES AT LOCATIONS INDICATED FOR COMMUNICATING BATHROOM PACKAGE. PROVIDE 3/4" CONDUITS FROM EACH BOX AND EACH POWER TRANSFER HINGE TO ABOVE CEILING DOOR POWER SUPPLY. PROVIDE (2) #12, (1) #12GND IN 3/4" CONDUIT FROM PANEL LVP2, CIRCUIT 15, TO DOOR POWER SUPPLY. UTILIZE EXISTING 20-AMP, 1-POLE CIRCUIT BREAKER. ALL CONTROL WIRING DONE BY DOOR HARDWARE INSTALLER. COORDINATE ALL WORK AND LOCATIONS WITH DOOR HARDWARE INSTALLER PRIOR TO INSTALLATION.
- PROVIDE (2) #10, (1) #12 GND IN 3/4" CONDUIT FROM PANEL LVP2, CIRCUIT 16 TO EF-1. PROVIDE A 20-AMP, 1-POLE CIRCUIT BREAKER IN SPACE INDICATED.
- PROVIDE (2) #12, (1) #12 GND IN 3/4" CONDUIT FROM PANEL LVP2, CIRCUIT 18 TO EC-1. PROVIDE A 20-AMP, 1-POLE CIRCUIT BREAKER IN SPACE INDICATED.
- PROVIDE NEW FIRE ALARM DEVICES AT LOCATIONS INDICATED. DEVICES TO MATCH EXISTING EST FIRE ALARM PANEL DEVICES. PROVIDE ALL WIRING FROM DEVICES TO LOCAL SLC LOOP. PROVIDE TESTING OF ALL DEVICES TO ENSURE SYSTEM IS IN WORKING ORDER. COORDINATE TESTING WITH OPEN SYSTEMS, THE SCHOOLS FIRE ALARM VENDOR.



3 ROOF ELECTRICAL NEW WORK PLAN

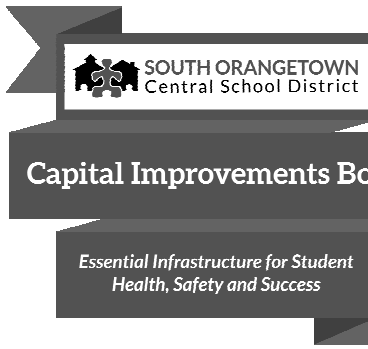
E200 1/8" = 1'-0"

KEY PLAN:



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

NY ENGINEERING FIRM CERTIFICATE #018330



PROJECT INFORMATION

Project Number
R23.01124.00
Client Name
SOUTH ORANGETOWN CENTRAL SCHOOL DISTRICT
Project Name
2024 CAPITAL IMPROVEMENTS PROJECT
SOUTH ORANGETOWN MIDDLE SCHOOL

Building Address
160 VAN WYCK ROAD, BLAUVELT, NY 10913

SED # 50-03-01-04-0-013-031

Registration Expiration Dates
Lauren Toppa 05/31/23
Anthony Marchetti 05/31/24
Diane Hoff 02/28/25
Jennifer Wengender 06/30/24

PROJECT ISSUE & REVISION SCHEDULE

Date Description

PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION LAW AND THE COMMISSIONERS' REGULATION FOR ANY PERSON, UNDER ACTIVE LICENSE THE REGISTRATION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ACT AS AN ARCHITECT, ENGINEER OR LAND SURVEYOR, IS TO BE MAINTAINED BY THE ARCHITECT, ENGINEER OR LAND SURVEYOR, AND THE REGISTRATION NUMBER BY FOLLOWING BY THEIR SIGNATURE AND THE DATE OF SUCH ABANDON, AND A SPECIFIC DESCRIPTION OF THE ABANDON.

SHEET INFORMATION

Issued 05/15/24 Scale As indicated
Project Status
BID DOCUMENTS
Drawn By MAY Checked By JBT
Drawing Title
FIRST FLOOR ELECTRICAL NEW WORK PLAN

Drawing Number

SOMS
E200