

ADDENDUM NO. 01

**PROJECT: Ossining Union Free School District
Ossining High School
Guidance Office Renovations**

SED PROJECT NO: 66-14-01-03-0-003-039

DATE: December 22, 2020

CPL PROJECT NO: 14428.12

Include this Addendum as part of the Contract Documents. It supplements portions of the original Specifications and Drawings, the extent of which shall remain, except as revised herein:

CLARIFICATIONS / RESPONSE TO BIDDER QUESTIONS:

- 1.1** Attached, for reference, is a copy of the Pre-bid meeting/walk-thru sign-in sheet.
- 1.2** Clarification: The existing fire alarm system is Simplex 4100ES.
- 1.3** Clarification: The existing public address (PA) system is Rauland Borg, the 'head-end' is located in the High School Main Office.
- 1.4** Clarification: All new PA speakers to be tied into existing speaker wiring.
- 1.5** Clarification: The existing clock system is Primex (Wireless). Clocks are battery powered.
- 1.6** Clarification: Owner will remove furniture, etc. from the work areas.
- 1.7** Clarification: The Owner will make the building available on weekends and after hours as needed so the Contractor can complete the project per the Schedule. Contractor shall notify Owner at least 24 hours in advance of working said extended hours. See Section 01 1125, Paragraph 1.4 for additional information.
- 1.8** Question: AA102: Are we replacing roofing after abatement work? Are there roof drawings the Contractor can go by?
Answer: Roofing removed due to abatement operations shall be replaced maintaining all existing warranties. See Details 1/H101 and 1/H201.
- 1.9** Question: AA102: Are we replacing the tile after we remove the MJ's?
Answer: It is the assumption that the question refers to the 'square' hatching used to show work area. Scope of work is to remove MJ's and debris in attic. See Section 02 0800, Paragraph 3.17.1. Note that reinsulating all piping where insulation was removed is part of the work. See H301, H302.

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1.10 Question: AA100: Are we replacing the tile that is getting removed?

Answer: It is the assumption that the question refers to the 'square' hatching used to show work area. Scope of work is to remove MJP's in the basement. See Section 02 0800, Paragraph 3.17.1. Note that reinsulating all piping where insulation was removed is part of the work. See H301, H302.

1.11 Question: How much reinsulation of piping do we need to figure after abatement? Note that H302 says to replace 200 LF, but note H301 says to replace 135 LF.

Answer: 335 LF.

1.12 Question: Is the current roofing under warranty, and who is the manufacturer?

Answer: Roofing reported to be manufactured by Carlisle Syntec Systems, accepted 10/2012, 20 year warranty.

CHANGES TO THE PROJECT MANUAL:

1.13 Section 00 0110 Table of Contents:

A. Division 00: add the text "00 3113 CONSTRUCTION SCHEDULE".

1.14 Section 00 3113 Construction Schedule:

A. Add the attached Section 00 3113.

1.15 Section 00 4010 Form of Proposal - Guidance Office Renovations:

A. Replace Section 00 4010 with the attached Section 00 4010.

1.16 Section 01 1000 Summary:

A. Delete Paragraph 1.7.D.

1.17 Section 02 0800 Asbestos Abatement:

A. In paragraph 3.17.2: replace text '200 SF' to read '30 SF'.

CHANGES TO THE DRAWINGS

1.18 Drawing OHS/A200:

A. Replace Drawing with Drawing OHS/A200, attached to this addendum.

1.19 Drawing OHS/A600:

A. Replace Drawing with Drawing OHS/A600, attached to this addendum.

1.20 Drawing OHS/A900:

A. Replace Drawing with Drawing OHS/A900, attached to this addendum.

1.21 Drawing OHS/H101:

A. Replace Drawing with Drawing OHS/H101, attached to this addendum.

1.22 Drawing OHS/H201:

A. Replace Drawing with Drawing OHS/H201, attached to this addendum.

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1.23 Drawing OHS/H301:

A. Replace Drawing with Drawing OHS/H301, attached to this addendum.

1.24 Drawing OHS/H800:

A. Replace Drawing with Drawing OHS/H800, attached to this addendum.

1.25 Drawing OHS/E100:

A. Replace Drawing with Drawing OHS/E100, attached to this addendum.

1.26 Drawing OHS/E101:

A. Replace Drawing with Drawing OHS/E101, attached to this addendum.

1.27 Drawing OHS/E201:

A. Replace Drawing with Drawing OHS/E201, attached to this addendum.

1.28 Drawing OHS/E900:

A. PP1 Panel Schedule PP1: Location: Change text “Generator Room (Basement)” to read “*Storage 103L*”.

PREVIOUSLY ISSUED ADDENDA

A. None.

END OF ADDENDUM NO. 01

Ossining Union Free School District
Ossining High School
Guidance Office Renovations

Pre-Bid Meeting
December 16, 2020

Attendee Sign-in Sheet

Name	Firm	Phone Number	E-mail Address
Alex Oran	LHD	718.690.5343	lighthouse designs@gmail.com
John Neri	Renu	732.361.0464	John@rmny.com
MARK MALISZEWSKI	DELTA ELECTRIC	914-326-5911	mmal@deltaelectricinc.net
CHRIS JENNINGS	JENNINGS	914 381 5300	gjennings@jenningsinc.com
CHRIS WATROBA	JENNINGS	914 381 5300	cwatroba@jenningsinc.com
Bob Camilli Sr.	Peter A Camilli & Son Inc.	914 969-1164	Peter.camilli@verizon.net
VINCENT TUOLO	GRACE CONTRACTING	844 242-5629	estimating@gcdny.com

Attendee Sign-in Sheet (continued)

[illegible]

SECTION 00 3113 – CONSTRUCTION SCHEDULE

PART 1 - GENERAL

1.1 CONSTRUCTION SCHEDULE

A. Contractor shall complete work of their Contract per the following Schedule:

Work	Start Date (Date listed or earlier if permitted by Owner)	Completion Date
Submittals:	Submittals to begin upon award of Contract.	
Construction:	June 28, 2021	August 27, 2021.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION 00 3113

SECTION 00 4010 - FORM OF PROPOSAL
CONTRACT 1 – GUIDANCE OFFICE RENOVATIONS

1.1 GENERAL

- A. Pursuant to, and in compliance with, the Advertisement for Bids and the Instructions to Bidders relative thereto, and all of the Contract Documents, including any and all Addenda issued by the Architect and mailed or delivered to the Undersigned prior to the opening of Bids, whether received by the Undersigned or not, we, _____ hereby propose to furnish all plant, labor, supplies, materials and equipment incidental to **GUIDANCE OFFICE RENOVATIONS** as required by, and in strict accord with, the applicable provisions of the Drawings and Specifications entitled **Ossining Union Free School District, Ossining High School, Guidance Office Renovations** to the satisfaction and approval of the Architect and the Owner in accordance with the terms and conditions of the Contract Documents for the following sum:

BASE BID:

Total: (\$ _____)
_____ Dollars

1.2 TIME OF COMPLETION

- A. The Undersigned agrees, after receipt of a Notice of Award and a consummation of a Contract Agreement in accord with the terms of the Contract Documents, to start work within ten (10) consecutive calendar days of said Notice of Award and will fully complete the work per Section 00 3113 Construction Schedule.
- B. Liquidated Damages: Ossining Union Free School District (Owner) and CONTRACTOR recognize that time is of the essence of this Agreement and that Owner will suffer financial loss if the Work is not completed by the date specified in Paragraph 1.2.A above, plus any extensions thereof allowed in accordance with the General Conditions. They also recognize the delays, expense and difficulties involved in proving in a legal or arbitration proceeding the actual loss suffered by Owner if the Work is not completed on time. Accordingly, instead of requiring any such proof, Owner and CONTRACTOR agree that as Liquidated Damages for delay (but not as a penalty) CONTRACTOR shall pay Owner, **Five Hundred Dollars (\$500)** for each day that expires after the date specified in Paragraph 1.2.A above

1.3 SCHEDULE OF WORK

- A. Scheduling of all work shall be coordinated through the District and or the District's Representative. Contractor shall coordinate their work around the District's needs.
- B. It is the District's intent to work with the Contractor and make the building available for the work to be performed within the time frame allowed.

1.4 ATTACHMENTS

A. The Undersigned has attached the following documents to this Bid:

1. Bid Bond/Certified Check in the amount of five percent (5%) of the Base Bid.
2. Contractor's Qualification Statement (AIA Document A305).
3. Iran Divestment Act Certifications (see Section 00 4951).
4. Bid Proposal Certifications (see Section 00 4960).
5. Hold Harmless Agreement (see Section 00 4970).
6. Prevailing Wage Agreement (see Section 00 7343).

1.5 CHANGE ORDERS

A. We propose and agree that the Contract Sum shall be adjusted for changes in the Contract Work, not included in unit prices, by addition of the following costs:

1. Profit and overhead as permitted in the GENERAL CONDITIONS.

1.6 ALLOWANCES: (Reference Specification Section 01 2100).

A. The Bidder acknowledges that the Allowance applicable to this Contract is included in the Base Bid.

1.7 UNIT PRICE SCHEDULE (Reference Specification Section 01 2200):

In addition to the Work provided within the above Base Bid, the Undersigned agrees to provide the following work in accordance with the Drawings and Specifications:

1. Insulate steam and condensate piping,
NPS 3.5" diameter and smaller where
insulation was removed due to
hazardous material abatement work
beyond the amounts included in the
Base Bid (see Drawings H201 & H301). \$ Per lineal foot.
Unit price to be used as an add or
deduct value from base bid quantities
and allocation of bid allowances.
2. Insulate steam and condensate piping,
NPS 4" diameter and larger where
removed due to hazardous material
abatement work beyond the amounts
included in the Base Bid (see Drawings
H201 & H301). \$ Per lineal foot.
Unit price to be used as an add or
deduct value from base bid quantities
and allocation of bid allowances.

1.8 NON-COLLUSIVE BIDDING CERTIFICATION (See Specification Section 00 4960 also).

A. By submission of this bid, the bidder, and each person signing on behalf of the bidder, certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of knowledge and belief:

1. The prices in this bid have been arrived at independently without collusion, consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor;

2. Unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the bidder and will not knowingly be disclosed by the bidder prior to opening, directly or indirectly, to any other bidder or to any competitor; and,
 3. No attempt has been made, or will be made, by the bidder to induce any other person, partnership or corporation to submit, or not to submit, a bid for the purpose of restricting competition.
- B. The person signing this bid or proposal certifies that he/she has fully informed himself/herself regarding the accuracy of the statements contained in this certification, and under the penalties or perjury, affirms the truth thereof, such penalties being applicable to the bidder as well as the person signing in its behalf;
1. That, attached hereto (if a corporate bidder), is a certified copy of a resolution authorizing the execution of this certificate by the signature of this bid or proposal on behalf of the corporate bidder.
Resolved that _____
(Name of Individual)
be authorized to sign and submit the bid or proposal of this corporation for the **Ossining Union Free School District, Ossining High School, Guidance Office Renovations**, and to include in such bid or proposal the certificate as to non-collusion required by Section One Hundred Three (d) ((103d)) of the General Municipal Law as the act and deed of such corporation, and for any inaccuracies or misstatements in such certificate this corporate bidder shall be liable under the penalties of perjury.

The foregoing is a true and correct copy of the resolution by:

_____ Corporation at a
meeting of its Board of Directors held on the: ____ day of _____,
20 ____.

(SEAL OF THE CORPORATION)

Secretary

1.9 ACCEPTANCE

- A. When this Proposal is accepted, the Undersigned agrees to enter into a Contract with the Owner as provided in the Form of Agreement.

1.10 AFFIRMS

- A. The Undersigned affirms and agrees that this Proposal is a firm one which shall remain in effect and will be irrevocable for a period of forty-five (45) days after opening of Bids.
- B. The Undersigned acknowledges the receipt of the prevailing wage rates for the Contract which are incorporated into the Contract Documents.

- C. The Undersigned understands that the Owner reserves the right to accept or reject any or all Proposals and to waive any informalities in the bidding.
- D. By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid, each party thereto certifies as to its own organization, under penalty of perjury, that the bidder has and has implemented a written policy addressing sexual harassment prevention in the workplace and provides annual sexual harassment prevention training to all of its employees. Such policy shall, at a minimum, meet the requirements of Section 201-G of the New York State Labor Law.

1.11 TYPE OF BUSINESS

- A. The Undersigned hereby represents that it is a (check one) ☐ Corporation, ☐ Partnership, ☐ Individual. If a Corporation, then the Undersigned further represents that it is duly qualified as a Corporation under the laws of New York State and it is authorized to do business in this State.

1.12 PLACE OF BUSINESS

- A. The following is the name and address of the person to whom all notices required in connection with this Proposal may be telephoned, mailed, or delivered:

Name of Contact Person: _____

Name of Business or Firm: _____

Address: _____

Federal ID No. or Social Security Number: _____

Telephone: _____ Fax: _____

E-mail: _____ Mobile Phone: _____

1.13 EXECUTION OF CONTRACT

- A. When written Notice of Acceptance of the Proposal is mailed or delivered to the Undersigned within forty-five (45) days after the opening of Bids, or anytime thereafter should the Proposal not be withdrawn, the Undersigned, within ten (10) days, will execute the Form of Agreement with the Owner.

1.14 ADDENDA

- A. The Undersigned acknowledges the receipt of the following Addenda, but agrees that it is bound by all Addenda whether or not listed herein:

Addendum Number	Date of Addendum	Remarks
_____	_____	_____
_____	_____	_____
_____	_____	_____

1.15 ASBESTOS

- A. The bidder certifies that no asbestos or asbestos-containing materials will be incorporated into the Work of this Contract.

1.16 AUTHORIZED SIGNATURE FOR PROPOSAL

Signature: _____

Name: _____
(Typed or Printed)

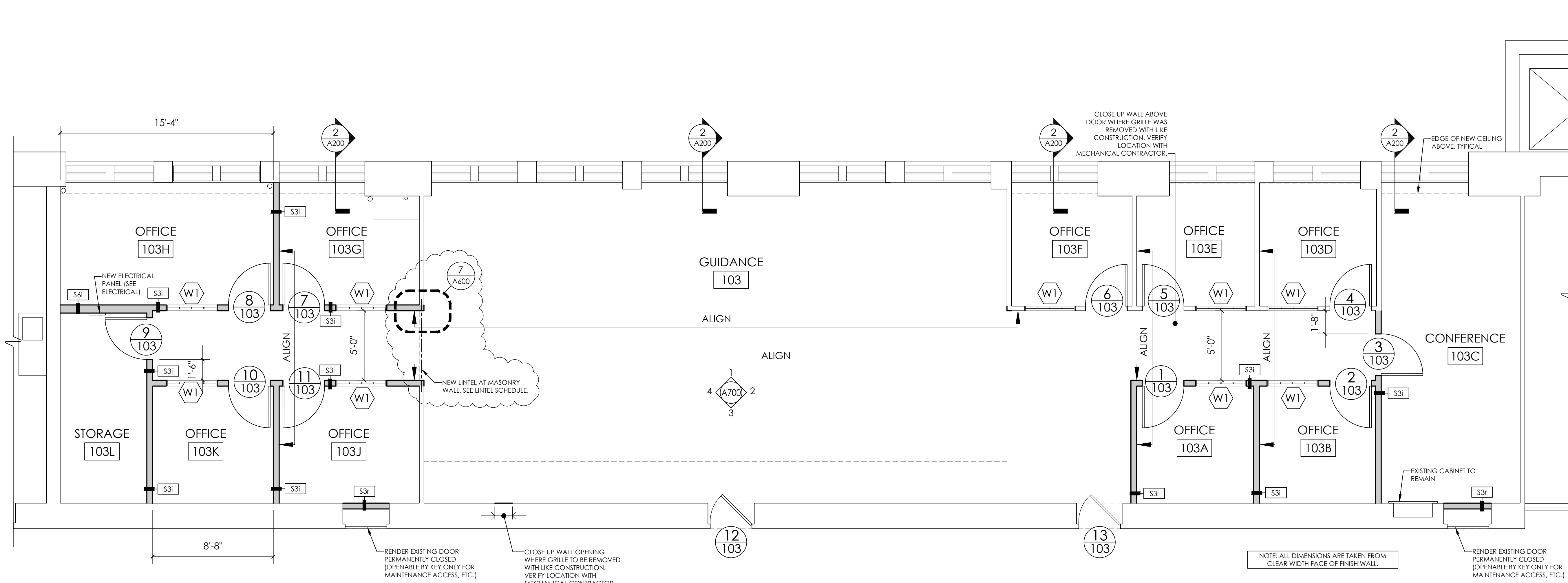
Title: _____

Firm: _____
(Legal Name of Person, Single Proprietorship, Partnership, or Corporation)

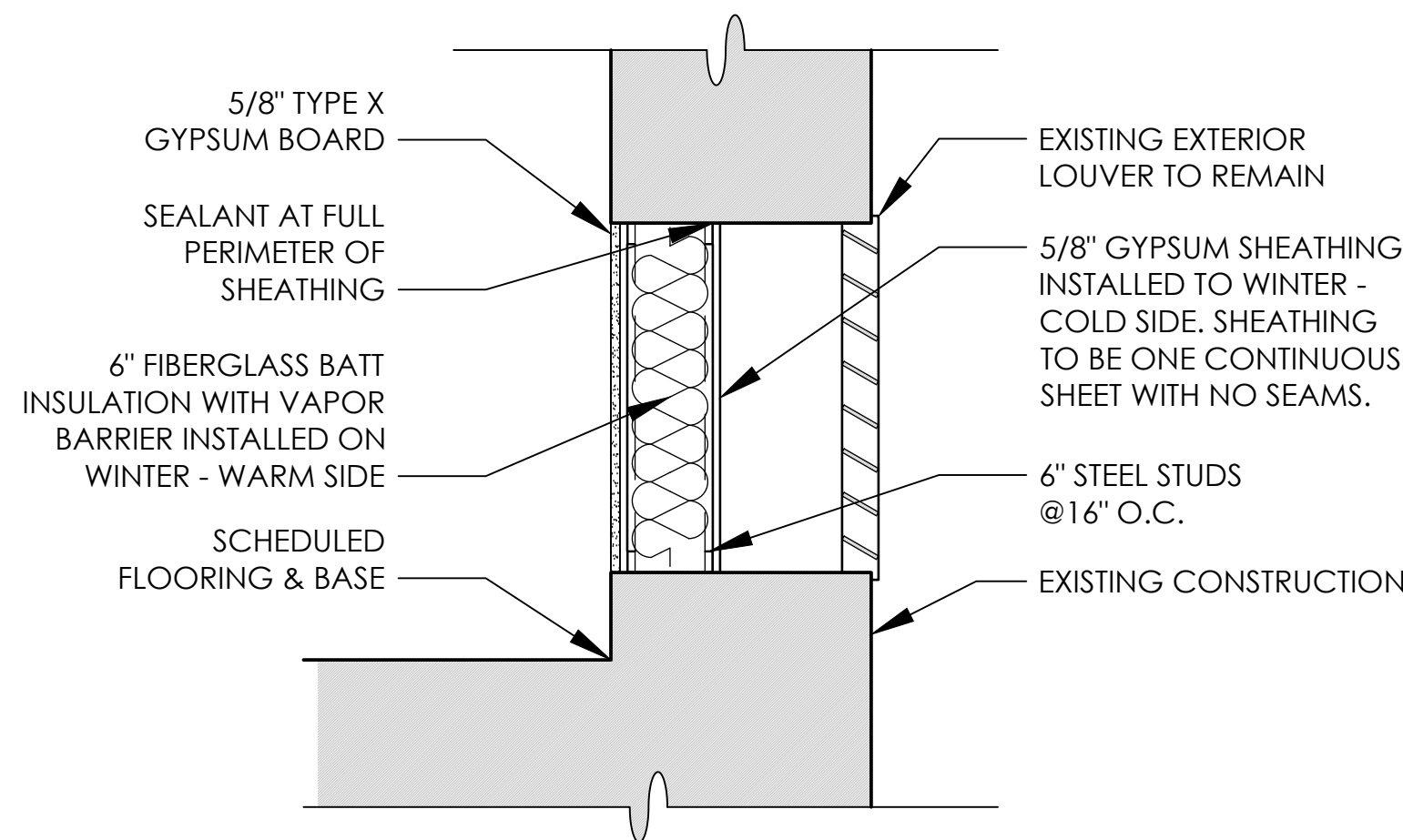
Date: _____

(if Corporation, provide seal above)

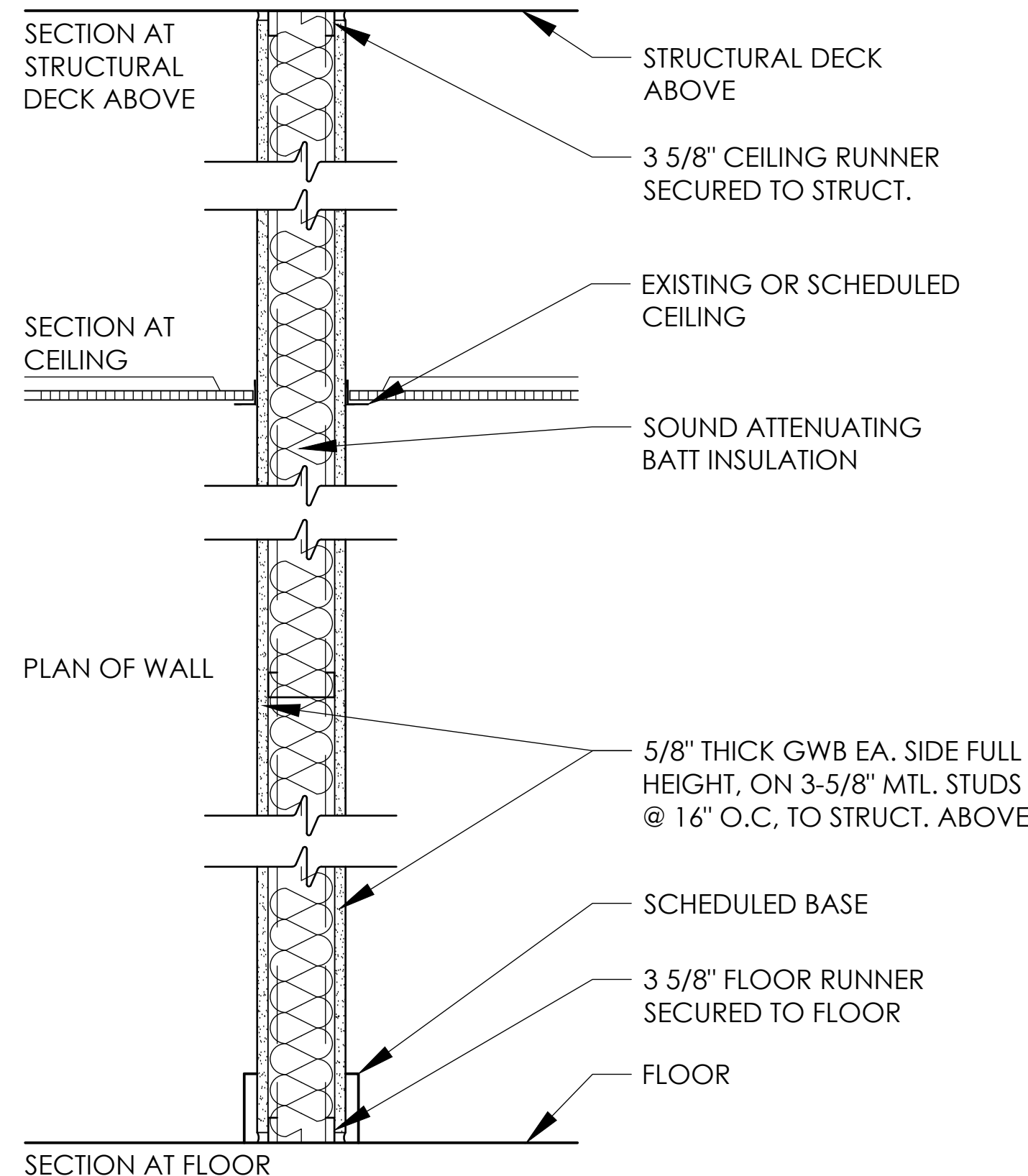
END OF SECTION 00 4010



1 FIRST FLOOR NEW WORK PLAN
SCALE: 1/4" = 1'-0"

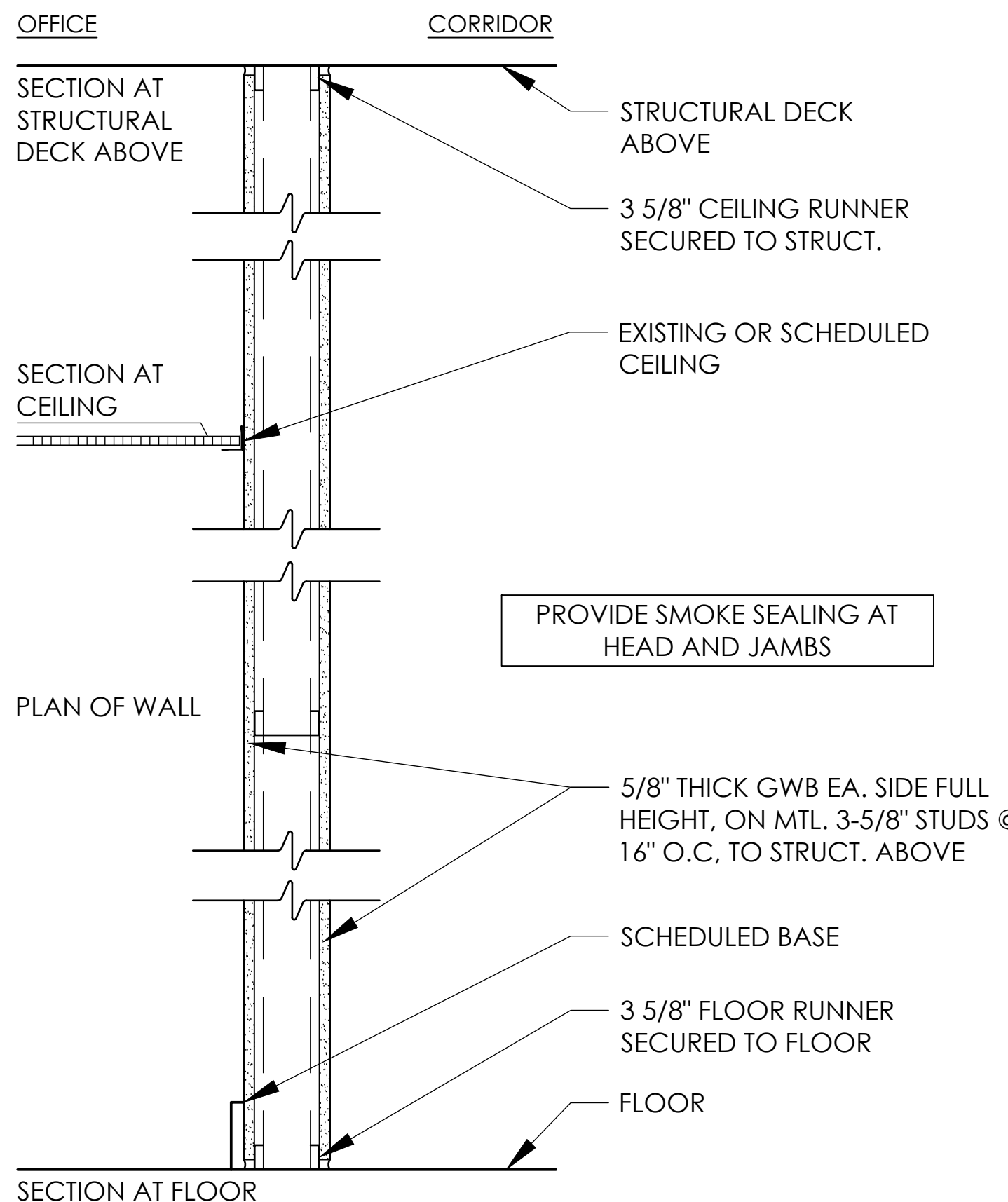


2 EXTERIOR INFILL WALL DETAIL
SCALE: 1" = 1'-0"

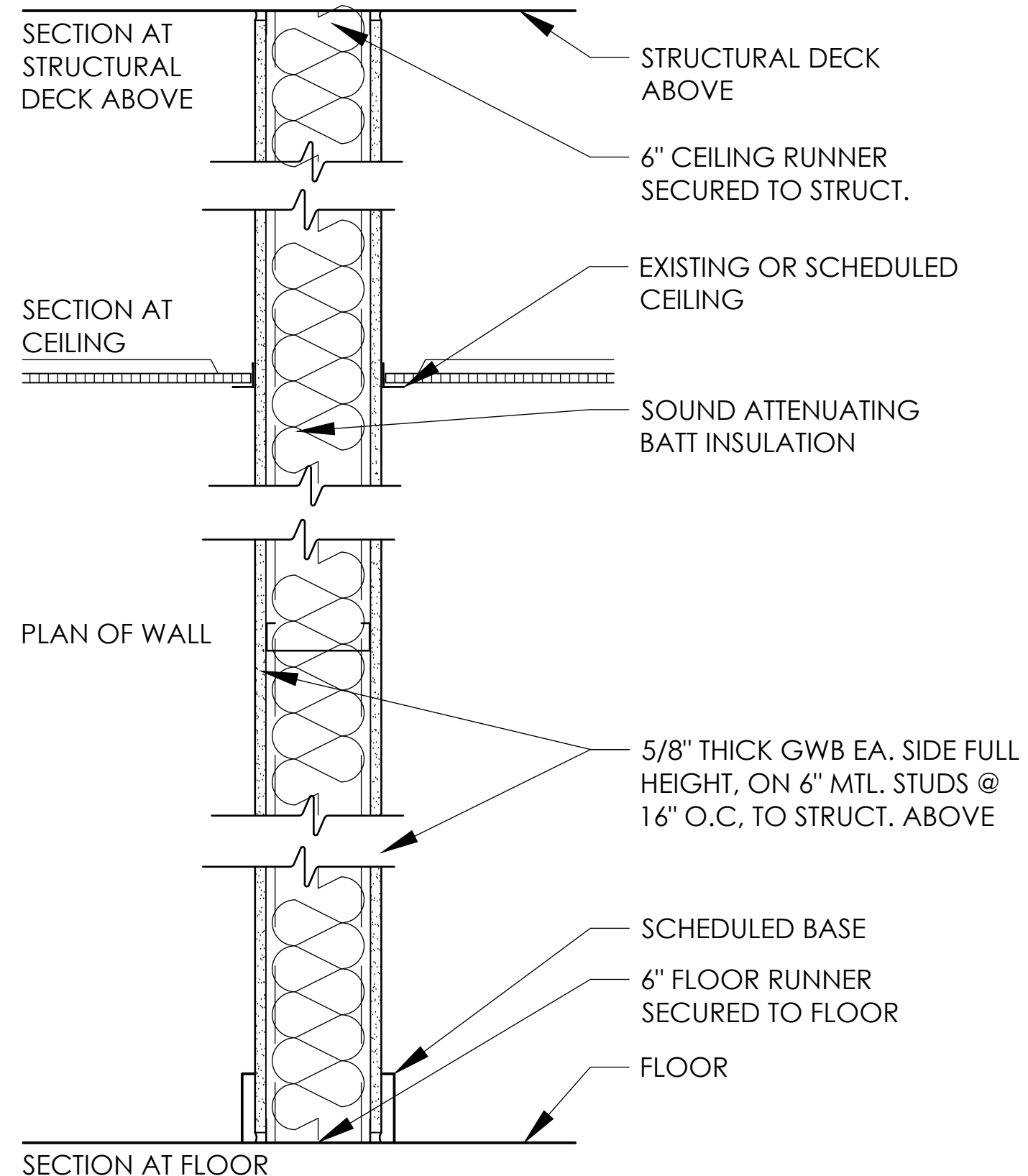


TYPE	FIRE TEST LAB & DESIGN	FIRE RATING	STC
S3i	NA	NR	47

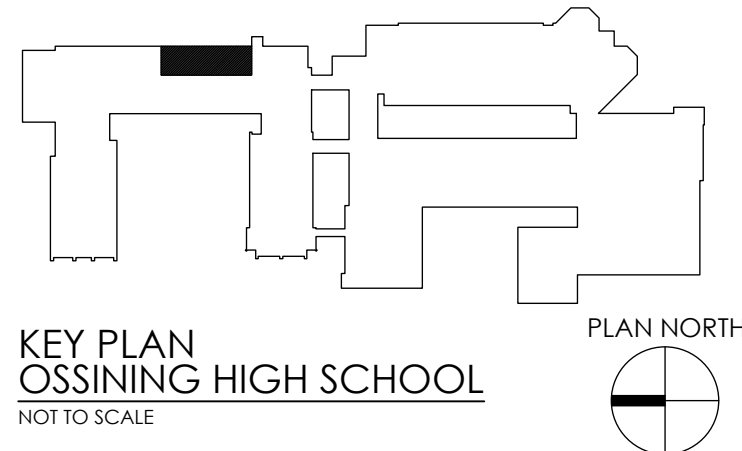
3 WALL TYPES
SCALE: NTS



TYPE	FIRE TEST LAB & DESIGN	FIRE RATING	STC
S3r	UL - U465	1 HR.	47



TYPE	FIRE TEST LAB & DESIGN	FIRE RATING	STC
S6i	NA	NR	47

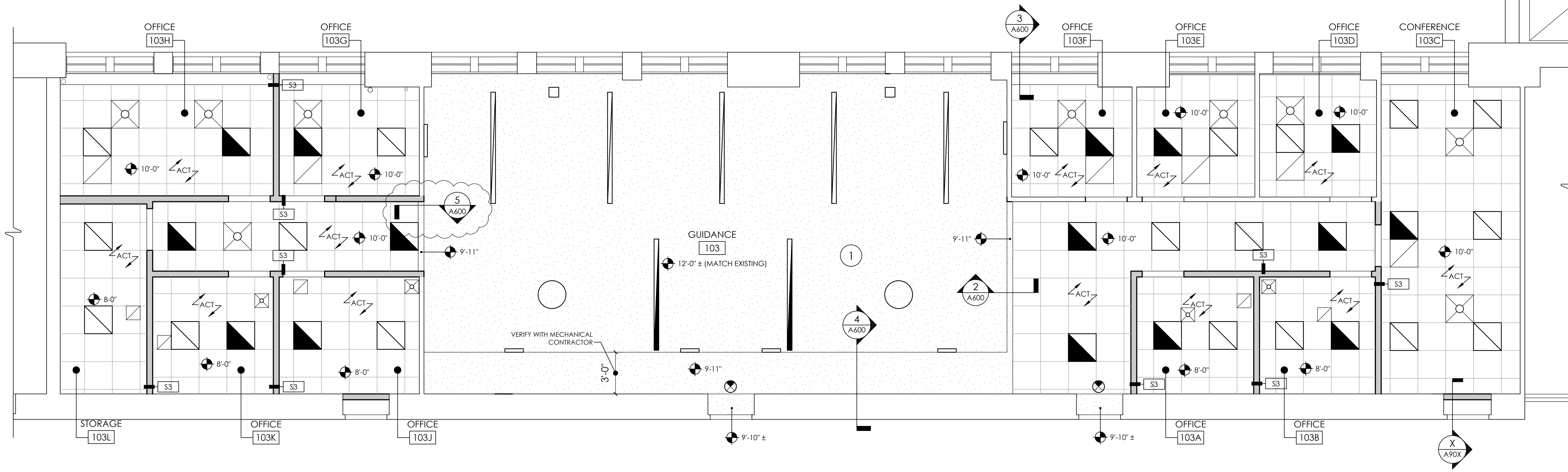


Plotted By: Nick Henning

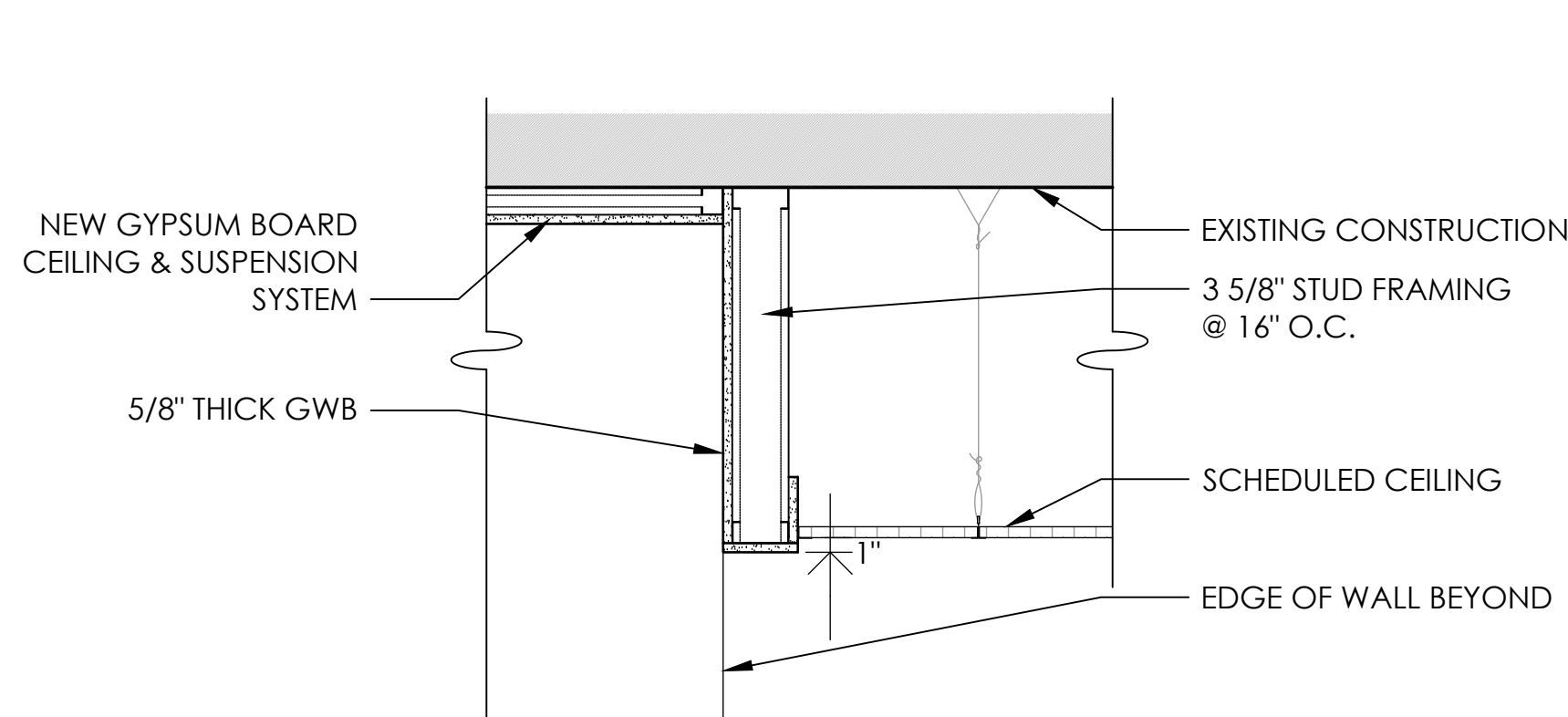
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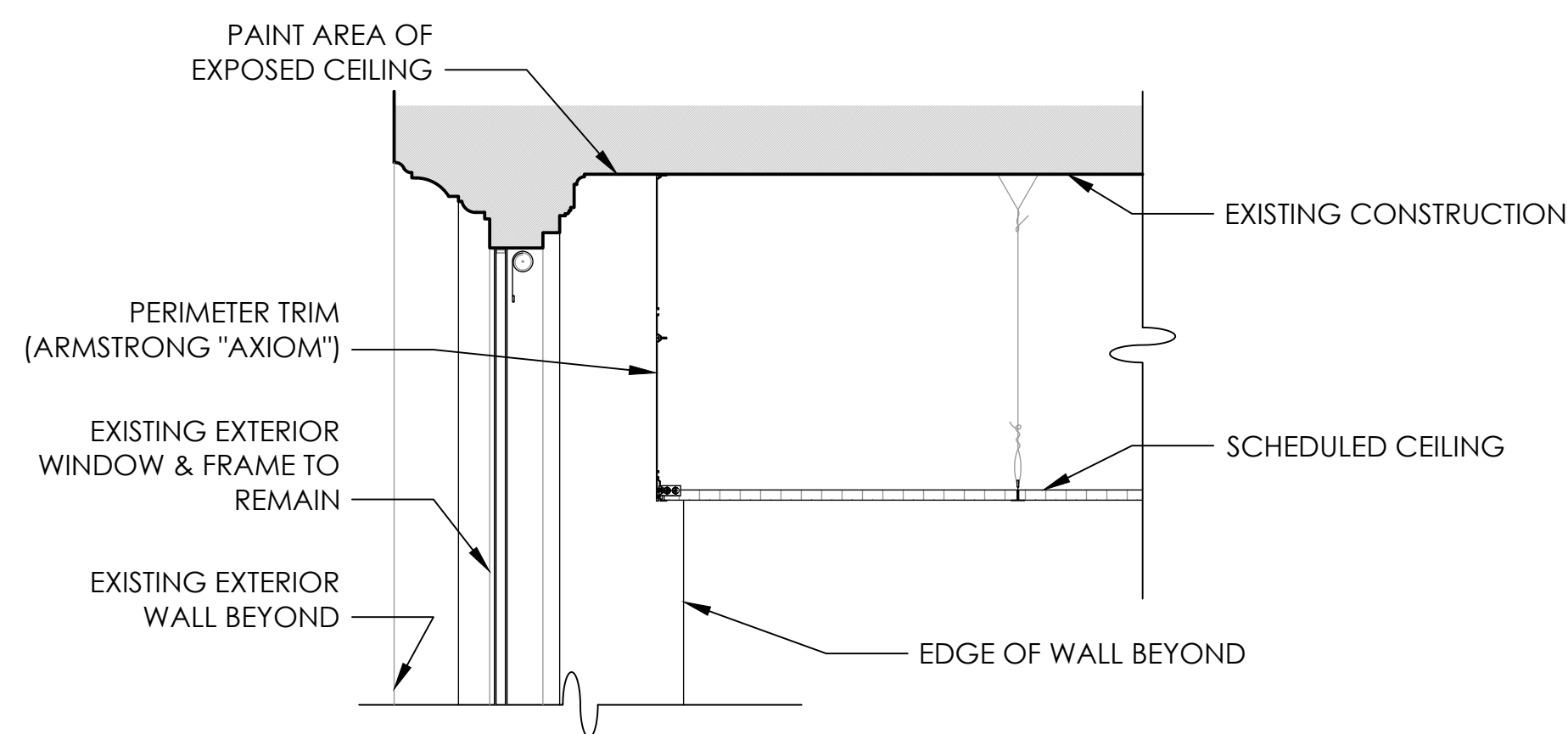
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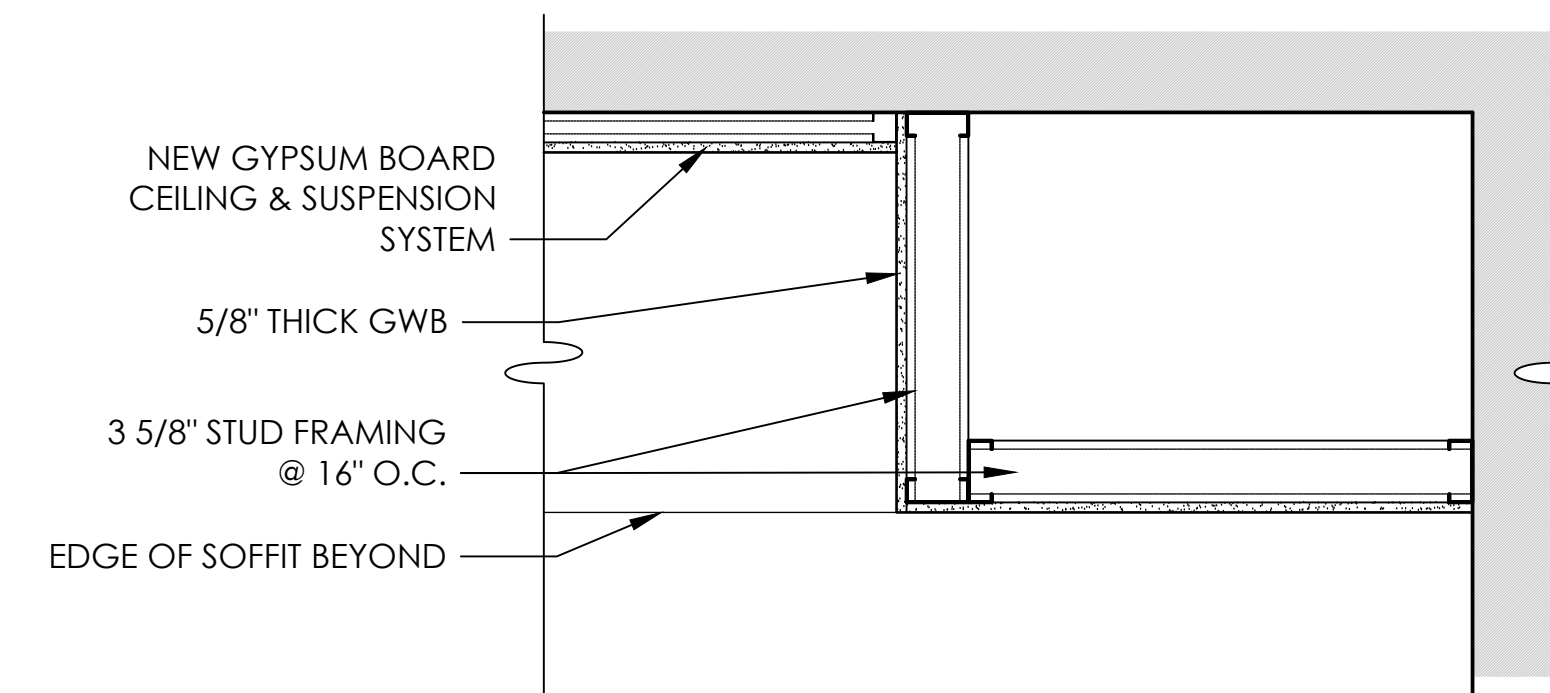
1 NEW WORK REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"



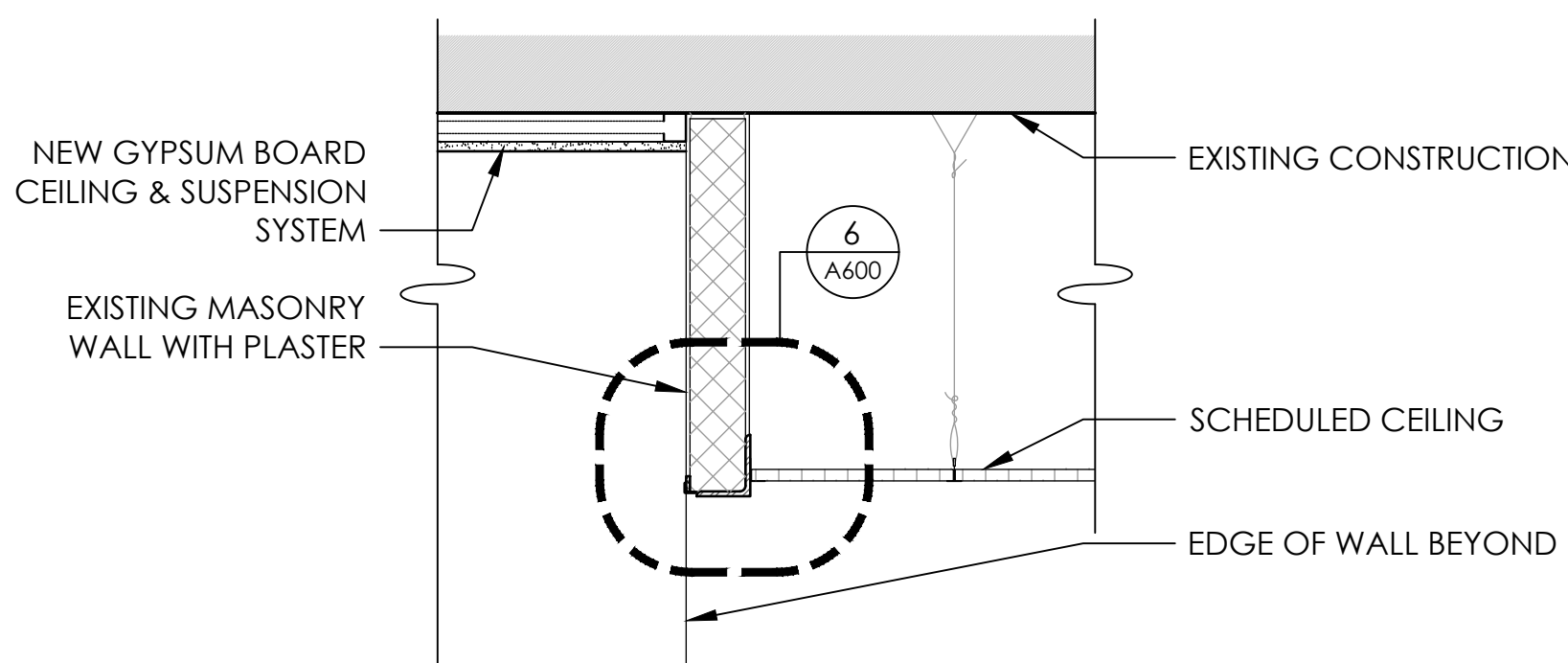
2 CEILING SOFFIT DETAIL
SCALE: 1" = 1'-0"



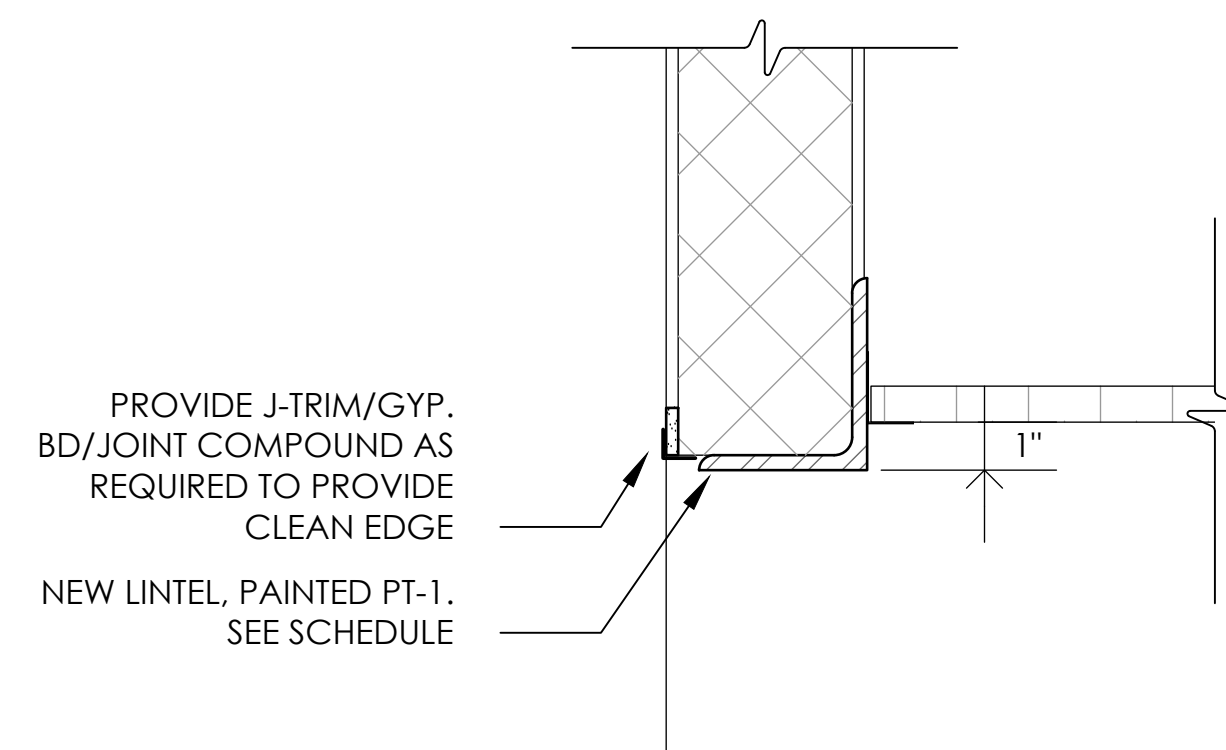
3 WINDOW WELL DETAIL
SCALE: 1" = 1'-0"



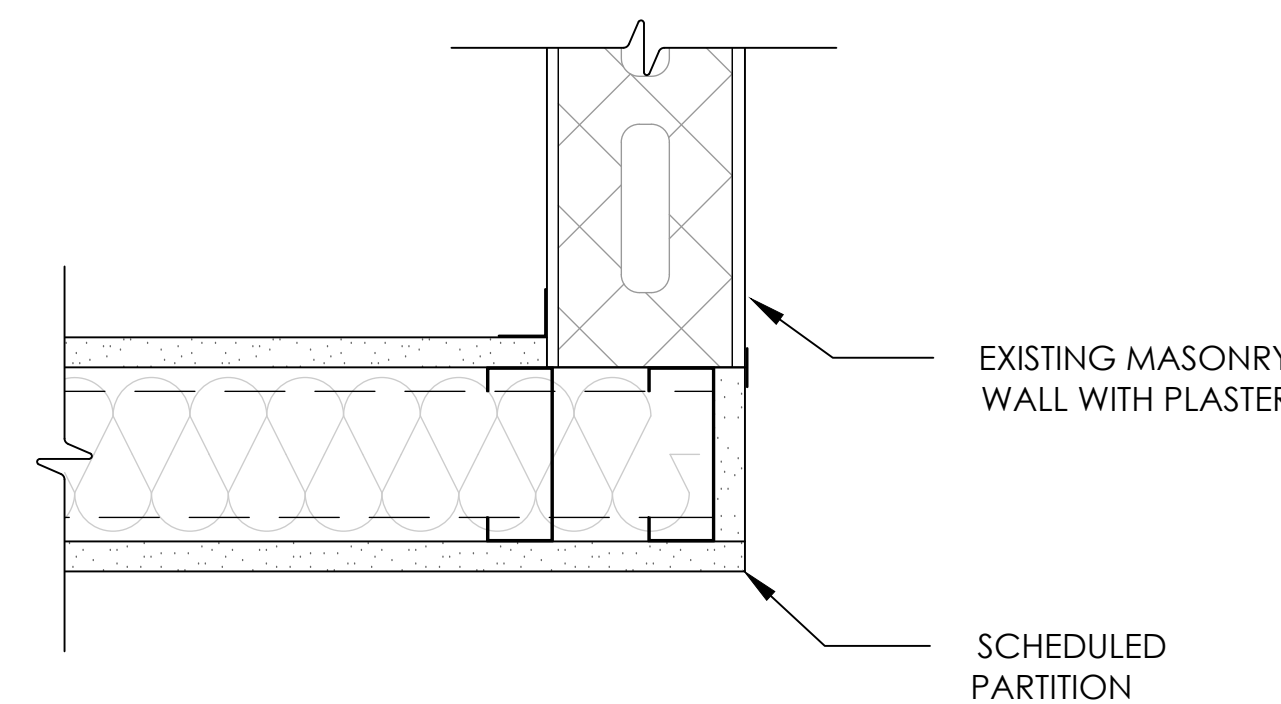
4 CEILING SOFFIT DETAIL
SCALE: 1" = 1'-0"



5 CEILING SOFFIT DETAIL
SCALE: 1" = 1'-0"



6 CEILING SOFFIT DETAIL
SCALE: 3" = 1'-0"



7 TYPICAL WALL JOINING DETAIL
SCALE: 3" = 1'-0"

LEGEND:

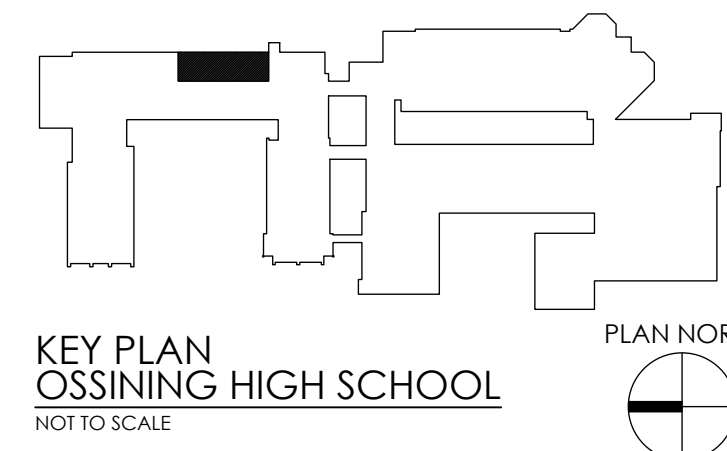
- CEILING HEIGHT
- DIFFUSER
- RETURN GRILLE
- LIGHT FIXTURE
- EMERGENCY AND/OR NIGHT LIGHT LIGHTING FIXTURE
- ACCESS DOOR
- GYPSUM BOARD - PAINTED - SEE 100 FOR PAINT
- ACOUSTIC CEILING TILE (ACT) - SEE SPEC SECTION 09 51 13

NOTE: REFER TO MECH & ELEC FOR COMPLETE SYMBOLS LIST

NOTE: ACOUSTIC CEILING TILE: PROVIDE CLASS (A) FINISH UNITS NOT LESS THAN 5/8" THICK, WITH FLAME SPREAD OF 25 OR LESS COMPLYING WITH ASTM E-84.

KEY NOTES:

1 PROVIDE FIRE / SMOKE SEALANT AT ANY OPENINGS IN EXISTING CEILING. TYPICAL ENTIRE WORK AREA. INCLUDE 200 SF IN BASE BID.



OSSINING UNION FREE SCHOOL DISTRICT
OSSINING HIGH SCHOOL
GUIDANCE OFFICE RENOVATIONS
29 SOUTH HIGHLAND AVENUE, OSSINING, NEW YORK 10562
SED # 66-14-01-03-0-003-039

DATE	DRAWN	CHECKED
08/31/2020	NH	MJ
SCALE	AS NOTED	
SHEET TITLE		
NEW WORK REFLECTED		
CEILING PLAN &		
WALL DETAILS		

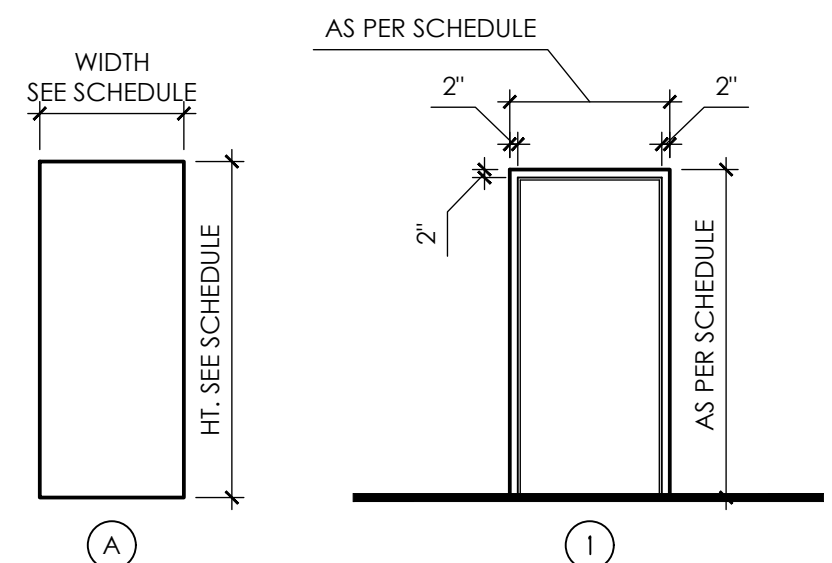
PROJECT NUMBER
14428.12
OHS
A600
DRAWING NUMBER

DOOR SCHEDULE																		
DOORS								FRAMES								HARDWARE SET NO.	REMARKS (SEE NOTES BELOW ALSO)	
DOOR NO.	SIZE			TYPE	MATERIAL / FINISH	UNDERCUT	FIRE RATING	OVERALL SIZE			TYPE	MATERIAL / FINISH	JAMB DETAIL	HEAD DETAIL	SILL DETAIL			
	WIDTH	HEIGHT	TH.					WIDTH	HEIGHT	DEPTH								
1-103	3'-0"	7'-0"	1 3/4"	A	WD/ST	-	-	3'-4"	7'-2"	5 1/2"	1	HM/PT	2/A900	2/A900	2/A900	SEE SPEC. SECTION 087100		
2-103	3'-0"	7'-0"	1 3/4"	A	WD/ST	-	-	3'-4"	7'-2"	5 1/2"	1	HM/PT	2/A900	2/A900	2/A900	SEE SPEC. SECTION 087100		
3-103	3'-0"	7'-0"	1 3/4"	A	WD/ST	-	-	3'-4"	7'-2"	5 1/2"	1	HM/PT	2/A900	2/A900	2/A900	SEE SPEC. SECTION 087100		
4-103	3'-0"	7'-0"	1 3/4"	A	WD/ST	-	-	3'-4"	7'-2"	5 1/2"	1	HM/PT	2/A900	2/A900	2/A900	SEE SPEC. SECTION 087100		
5-103	3'-0"	7'-0"	1 3/4"	A	WD/ST	-	-	3'-4"	7'-2"	5 1/2"	1	HM/PT	2/A900	2/A900	2/A900	SEE SPEC. SECTION 087100		
6-103	3'-0"	7'-0"	1 3/4"	A	WD/ST	-	-	3'-4"	7'-2"	5 1/2"	1	HM/PT	2/A900	2/A900	2/A900	SEE SPEC. SECTION 087100		
7-103	3'-0"	7'-0"	1 3/4"	A	WD/ST	-	-	3'-4"	7'-2"	5 1/2"	1	HM/PT	2/A900	2/A900	2/A900	SEE SPEC. SECTION 087100		
8-103	3'-0"	7'-0"	1 3/4"	A	WD/ST	-	-	3'-4"	7'-2"	5 1/2"	1	HM/PT	2/A900	2/A900	2/A900	SEE SPEC. SECTION 087100		
9-103	3'-0"	7'-0"	1 3/4"	A	WD/ST	-	-	3'-4"	7'-2"	5 1/2"	1	HM/PT	2/A900	2/A900	2/A900	SEE SPEC. SECTION 087100		
10-103	3'-0"	7'-0"	1 3/4"	A	WD/ST	-	-	3'-4"	7'-2"	5 1/2"	1	HM/PT	2/A900	2/A900	2/A900	SEE SPEC. SECTION 087100		
11-103	3'-0"	7'-0"	1 3/4"	A	WD/ST	-	-	3'-4"	7'-2"	5 1/2"	1	HM/PT	2/A900	2/A900	2/A900	SEE SPEC. SECTION 087100		
12-103	E X I S T I N G					D O O R	&	F R A M E					T O R E M A I N			SEE SPEC. SECTION 087100		
13-103	E X I S T I N G					D O O R	&	F R A M E					T O R E M A I N			SEE SPEC. SECTION 087100		

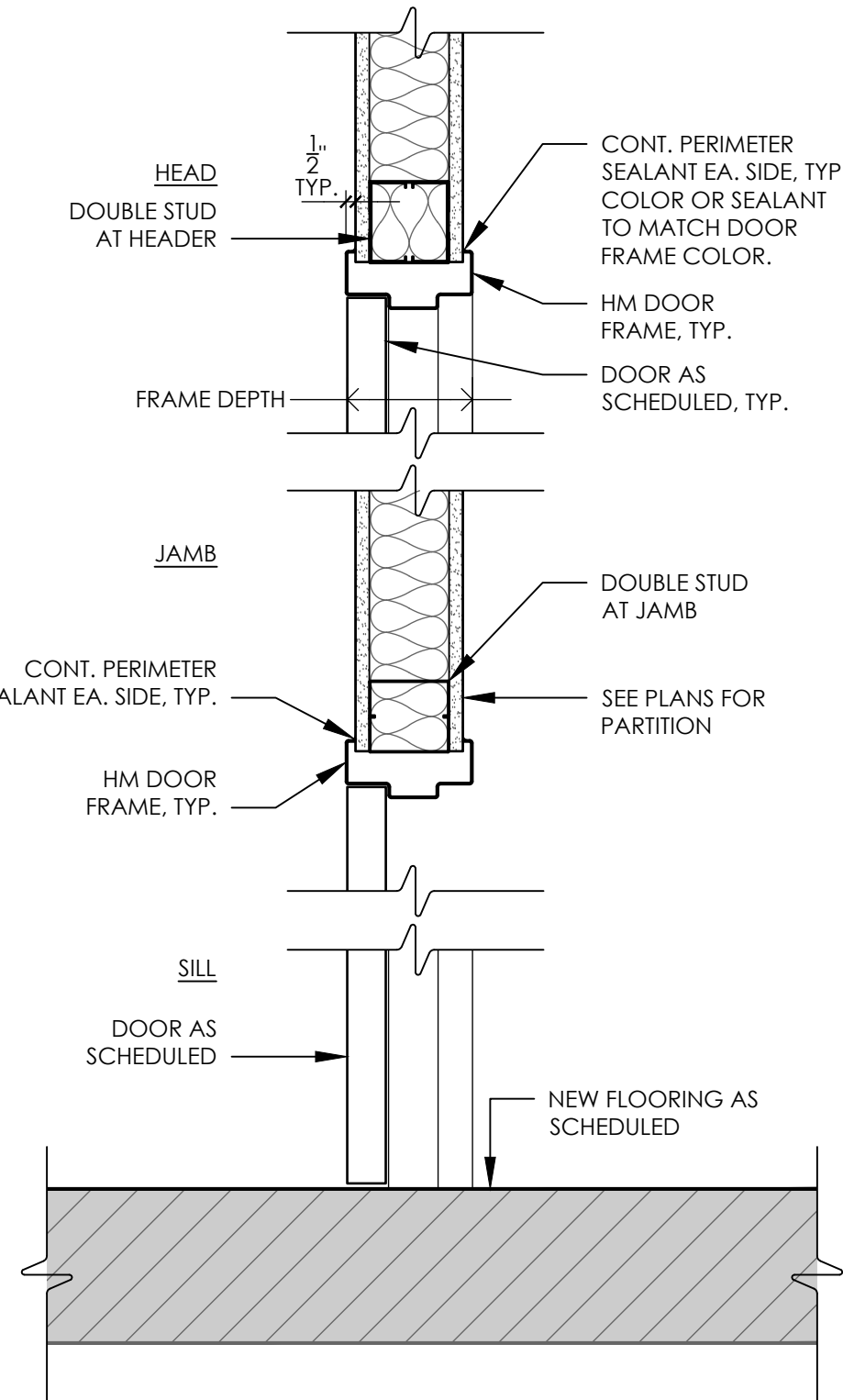
LEGEND	
WD	WOOD
HM	HOLLOW METAL
EX	EXISTING
PT	PAINTED
MFR	MANUFACTURER
ALUM	ALUMINUM
SIM	SIMILAR
FRP	FIBER REINFORCED POLYMER
STL	STEEL
ST	STAINED/POLYURETHANED

NOTES:

1. ALL SIZES SHOWN FOR DOORS & FRAMES TO BE PROVIDED IN EXISTING OPENINGS ARE APPROXIMATE. CONTRACTOR SHALL DETERMINE ACTUAL DIMENSIONS IN THE FIELD.
2. NEW DOORS SHALL MATCH FIRE-RATING OF EXISTING DOORS THAT THEY REPLACE, U.N.O.



1 TYPICAL DOOR AND FRAME TYPES
A900 SCALE: 1/4" = 1'-0"



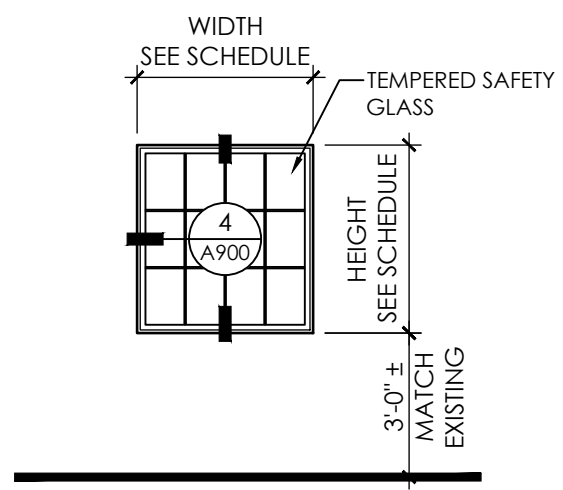
2
A900

TYP. DOOR DETAILS
AT STUD PARTITION

SCALE: 1 1/2" = 1'-0"

LOOSE LINTEL SCHEDULE		
WALL TYPE	SPAN	LINTEL
4" MASONRY / VENEER	1'-4" to 4'-6"	L 4 x 3 1/2 x 5/16 (L.L.V.)
	4'-7" to 5'-6"	L 4 x 3 1/2 x 5/16 (L.L.V.)
	5'-7" to 6'-6"	L 5 x 3 1/2 x 5/16 (L.L.V.)
	6'-7" to 7'-6"	L 6 x 3 1/2 x 5/16 (L.L.V.)
6" BLOCK	1'-4" to 4'-6"	WT4 x 9
	4'-7" to 5'-6"	WT4 x 10.5
	5'-7" to 6'-6"	WT5 x 13
	6'-7" to 7'-6"	WT5 x 13
	7'-7" to 9'-0"	WB8 x 10 + 5 1/2 x 5/16 PL
8" BLOCK	1'-4" to 4'-6"	(2) - L4 x 3 1/2 x 5/16 (L.L.V.)
	4'-7" to 5'-6"	(2) - L4 x 3 1/2 x 5/16 (L.L.V.)
	5'-7" to 6'-6"	(2) - L5 x 3 1/2 x 5/16 (L.L.V.)
	6'-7" to 7'-6"	(2) - L6 x 3 1/2 x 5/16 (L.L.V.)
	7'-7" to 9'-0"	WT9 x 25
4" BRICK & 8" BLOCK OR 12" BLOCK	1'-4" to 4'-6"	(3) - L4 x 3 1/2 x 5/16 (L.L.V.)
	4'-7" to 5'-6"	(3) - L4 x 3 1/2 x 5/16 (L.L.V.)
	5'-7" to 6'-6"	(3) - L5 x 3 1/2 x 5/16 (L.L.V.)
	6'-7" to 7'-6"	(3) - L6 x 3 1/2 x 5/16 (L.L.V.)

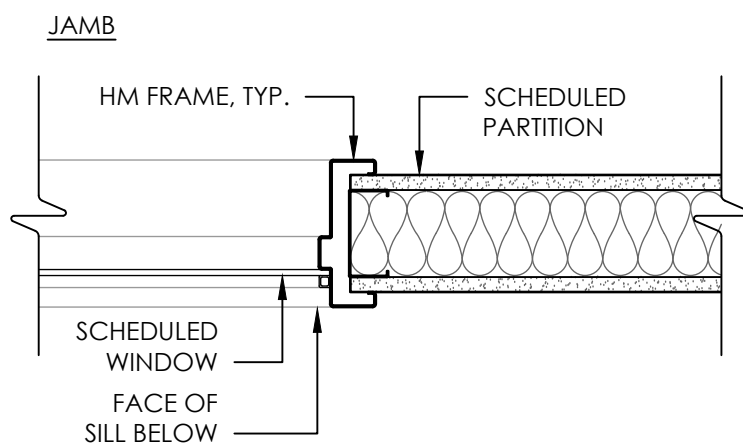
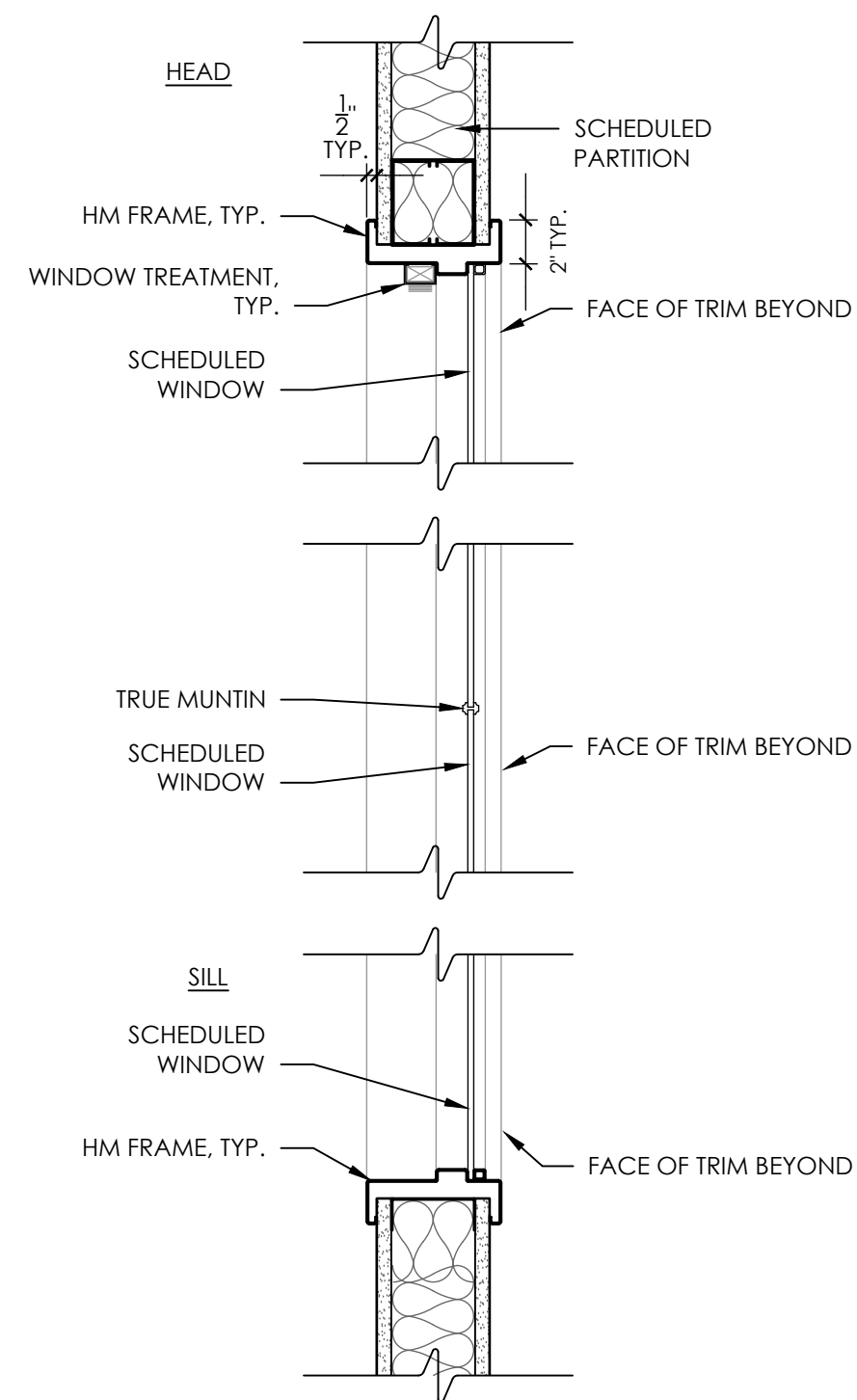
1. PROVIDE LOOSE LINTELS OVER ALL OPENINGS IN EXTERIOR AND INTERIOR MASONRY WALLS AS SCHEDULED UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
2. MINIMUM BEARING FOR ALL LINTELS SHALL BE 8" EACH END.
3. BLOCK WALLS SHALL BE GROUDED SOLID 3 COURSES BELOW BEARING POINT FOR A WIDTH OF 16" UNLESS NOTED OTHERWISE ON STRUCTURAL FRAME PLANS.
4. SEE ARCH., HVAC, & PLUMBING DRAWINGS FOR SIZE AND LOCATION OF ALL WALL OPENINGS.
5. CONTRACTOR SHALL PROVIDE AN ADDITIONAL 50 FT. OF ANGLE $5 \times 3 \frac{1}{2} \times 5/16$ OR THE EQUIVALENT.
6. FOR LINTEL SPANS GREATER THAN 6'-0", BOLT ASSEMBLIES TOGETHER AT 1/3 POINTS.
7. WHERE LINTELS REQUIRE 3 SPANS, PROVIDE A $3/16"$ PLATE SOLID TO WALL WIDTH ACROSS SPAN, ATTACHED TO BOTTOM OF THE LINTEL.



FIXED WINDOW

3 WINDOW TYPE
A900 SCALE: 1 1/2" = 1'-0"

WINDOW SCHEDULE						
TYPE	UNIT SIZE (NOMINAL)		MATERIAL	GLAZING		REMARKS
	WIDTH	HEIGHT		TYPE	THICKNESS	
W1	3'-8"	4'-0"	HM	TG-1	1/4"	



4
A900

TYP. WINDOW DETAILS
AT STUD PARTITION

SCALE: 1 1/2" = 1'-0"

REVISIONS		
NO.	DATE	DESCRIPTION
1	11/13/2020	SED ADDENDUM 2
2	12/18/2020	BID ADDENDUM 1

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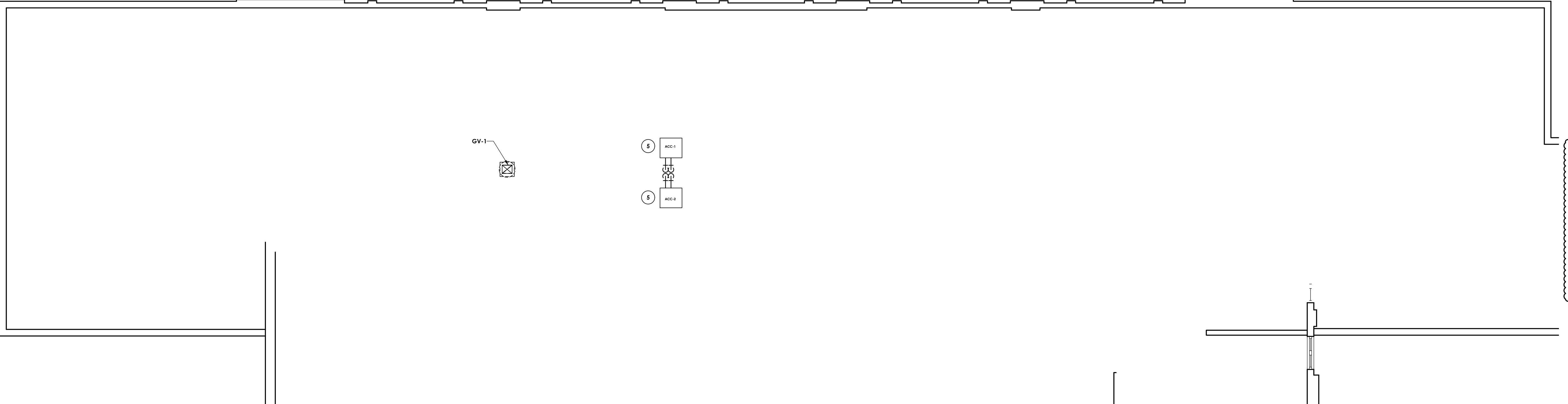
OSSING UNION FREE SCHOOL DISTRICT
OSSING HIGH SCHOOL
GUIDANCE OFFICE RENOVATIONS

DATE 08/31/2020	DRAWN NH	CHECKED MJ
SCALE AS NOTED		

SHEET TITLE
DOOR & WINDOW
SCHEDULES & DETAILS

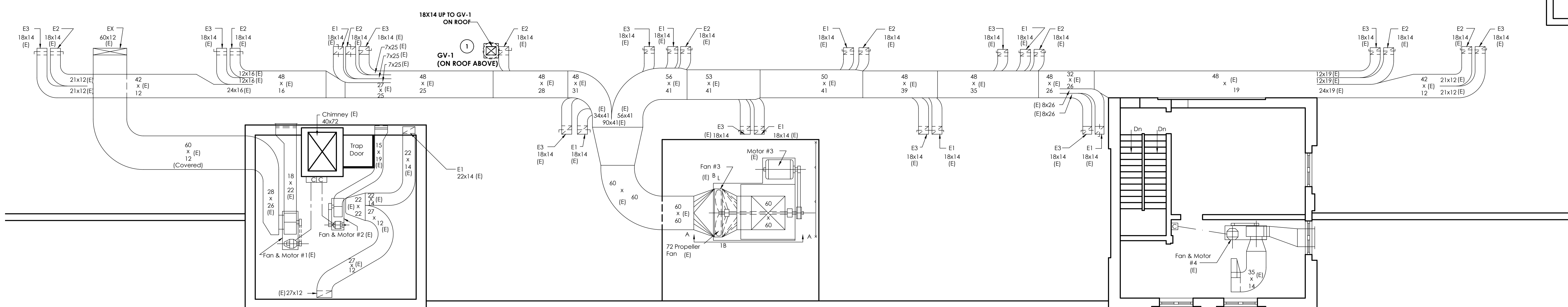
PROJECT NUMBER
14428.12

OHS
A900
DRAWING NUMBER

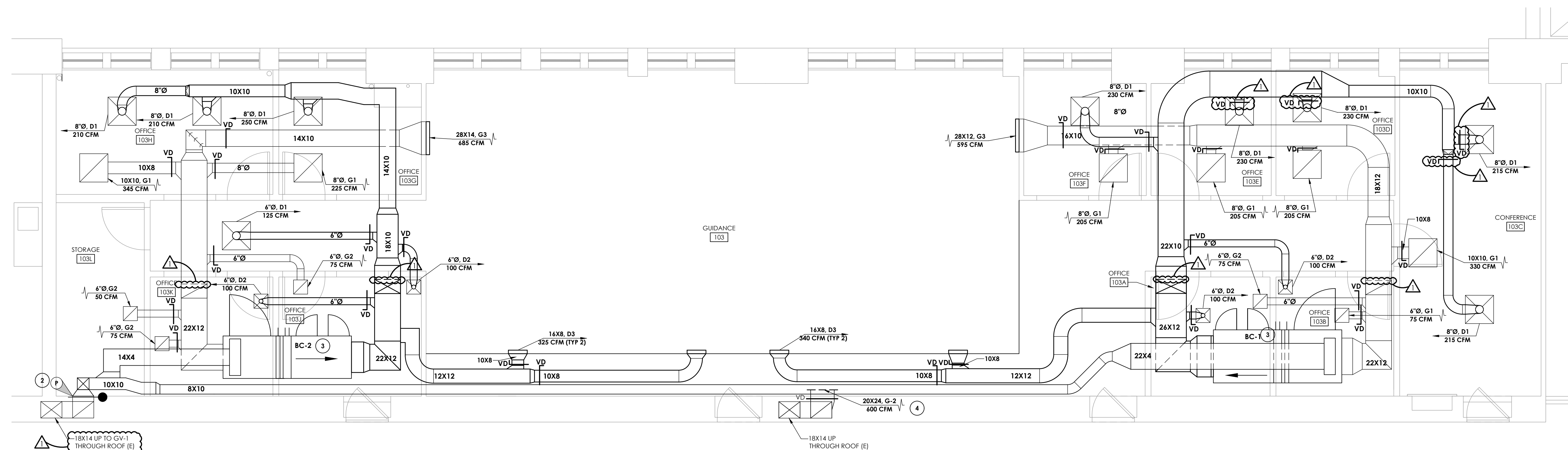


1 ROOF NEW WORK PLAN
SCALE: 1/8" = 1'-0"

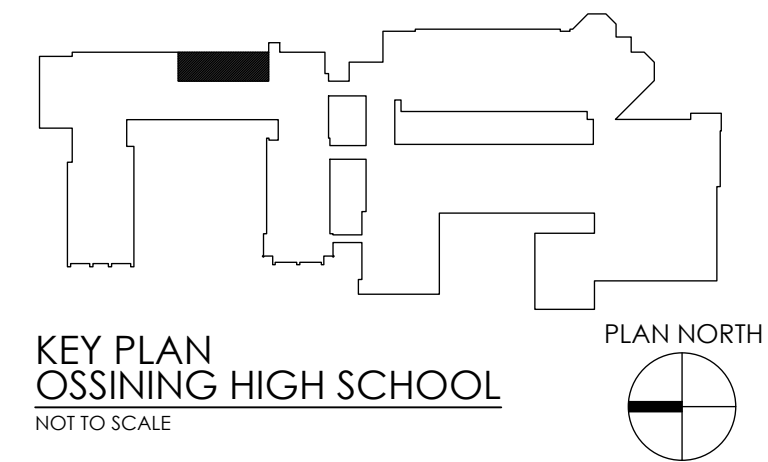
- KEY NOTES:**
1. EXTEND EXISTING 18X14 DUCT FROM ATTIC SPACE FLOOR UP TO GV-1 ON ROOF ABOVE. PROVE 2" CURB FOR GV-1.
 2. CONNECT OUTSIDE AIR DUCT INTAKE TO EXISTING WALL PENETRATION WHERE GRILLE WAS REMOVED. MODIFY OPENING AS REQUIRED TO CONNECT NEW OUTSIDE AIR DUCT. PROVIDE NEW FIRE DAMPER.
 3. INSTALL BLOWER COIL UNIT ABOVE DROP CEILING. PROVIDE SPACE FOR FILTER ACCESS. COORDINATE FINAL LOCATION WITH THE G.C.
 4. INSTALL NEW 20X24 GRILLE IN EXISTING LOCATION APPROXIMATELY 12" ABOVE FINISHED FLOOR. BALANCE TO 400 CFM.
 5. PROVIDE NEW CONDENSER ON 18-INCH HIGH EQUIPMENT RAILS. EXTEND RAILS A MINIMUM OF SIX-INCHES BEYOND EACH SIDE OF THE UNIT. SECURE CONDENSER TO RAILS WITH CADMIUM PLATED HARDWARE. PROVIDE REFRIGERANT PIPING TO THE ASSOCIATED BLOWER COIL UNIT BELOW. SIZE REFRIGERANT PIPING AND PROVIDE ACCESSORIES PER THE MANUFACTURER'S RECOMMENDATIONS. PROVIDE PORTAL. COORDINATE WITH THE OWNER AND EXISTING ROOFING MANUFACTURER TO MAINTAIN THE WARRANTY ON THE EXISTING ROOF. ALL ROOFING WORK SHALL BE PER NRCA RECOMMENDATIONS.
- GENERAL NOTES:**
1. ALL CONTROLS WORK SHALL BE DONE USING THE EXISTING BUILDING MANAGEMENT SYSTEM. CONTACT AUTOMATED CONTROL LOGIC, INC. (ACL) FOR ALL CONTROLS WORK.




2 ATTIC NEW WORK PLAN
SCALE: 1/8" = 1'-0"



3 FIRST FLOOR NEW WORK PLAN
SCALE: 1/4" = 1'-0"





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REVISIONS	NO.	DATE	DESCRIPTION
	1	12/18/2020	BID ADDENDUM 1

ROSSINING UNION FREE SCHOOL DISTRICT
OSSINING HIGH SCHOOL
GUIDANCE OFFICE RENOVATIONS

29 SOUTH HIGHLAND AVENUE, OSSINING, NEW YORK 10562
SED # 66-14-01-03-0-003-039

DATE	DRAWN	CHECKED
08/31/2020	AJS	AJS

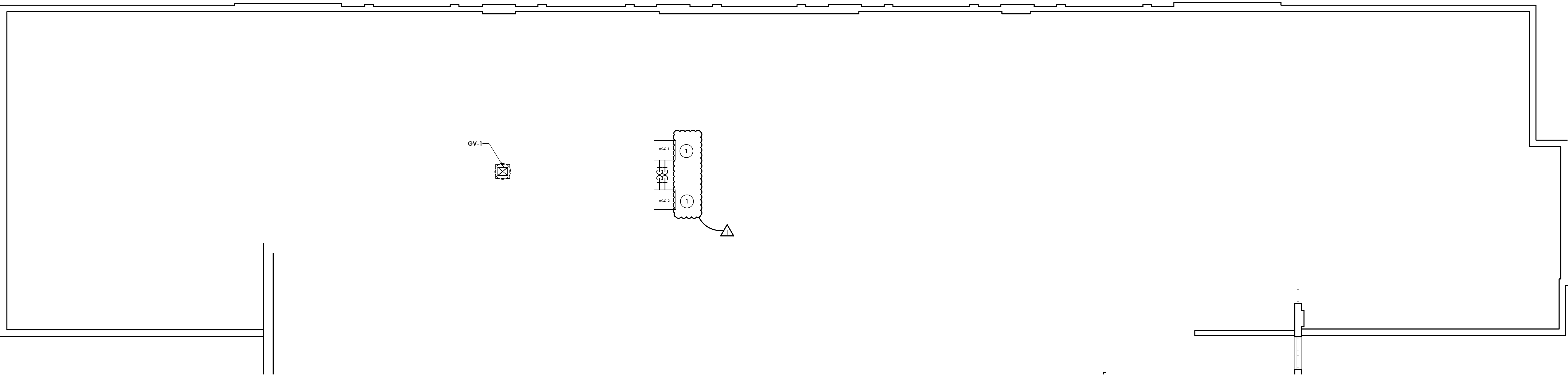
SCALE AS SHOWN

SHEET TITLE
MECHANICAL
DUCTWORK NEW
WORK PLANS

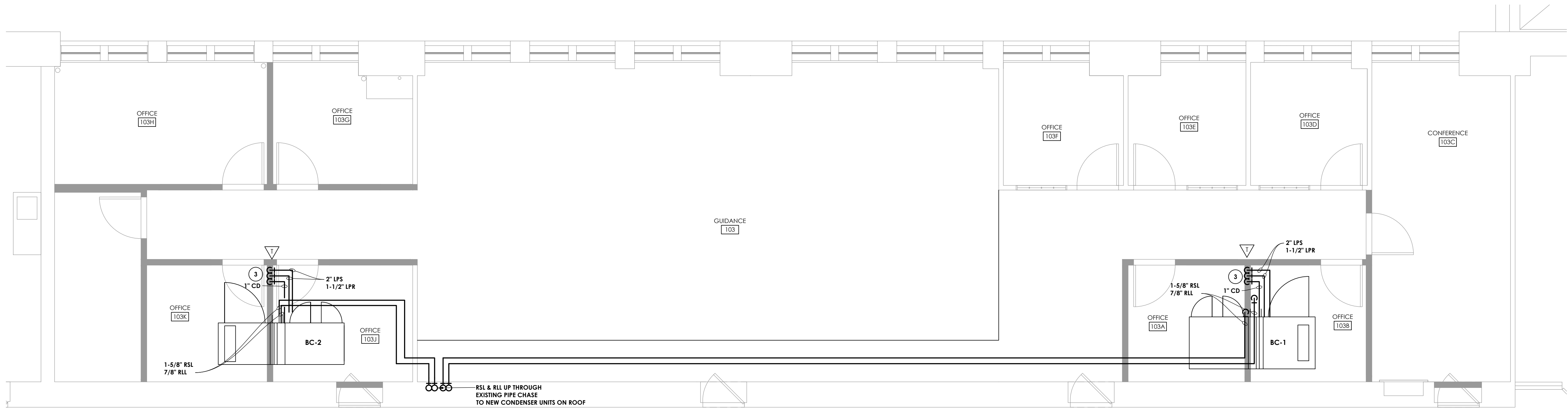
PROJECT NUMBER
14428.12

OHS
H201
DRAWING NUMBER

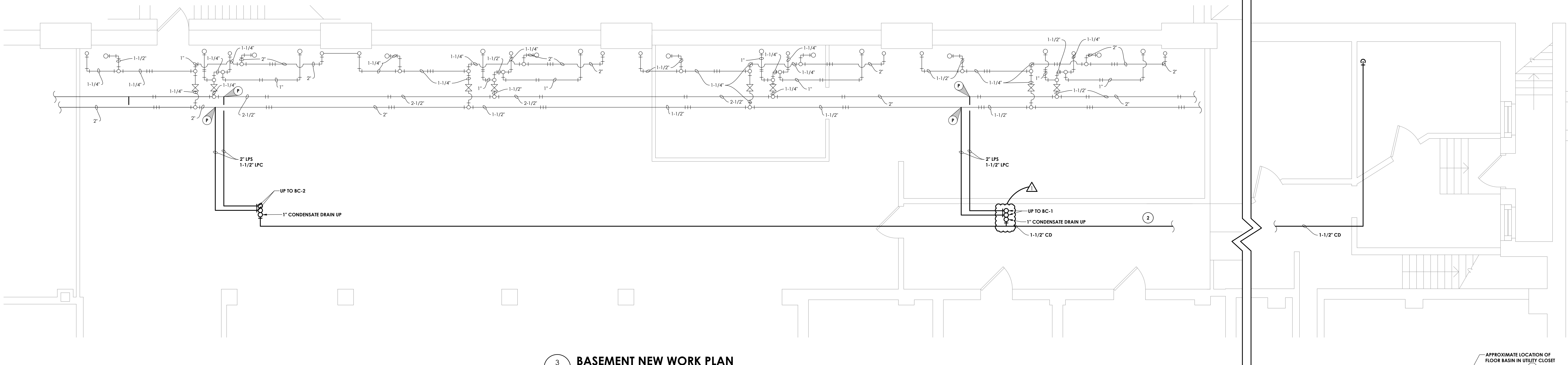
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Date last accessed: 12/22/2020 12:41 PM
Date last plotted: 12/22/2020 1:00 PM
Plotted By: Brendon Mazza



1
H301
ROOF NEW WORK PLAN
SCALE: 1/8" = 1'-0"



2
H301
FIRST FLOOR NEW WORK PLAN
SCALE: 1/4" = 1'-0"



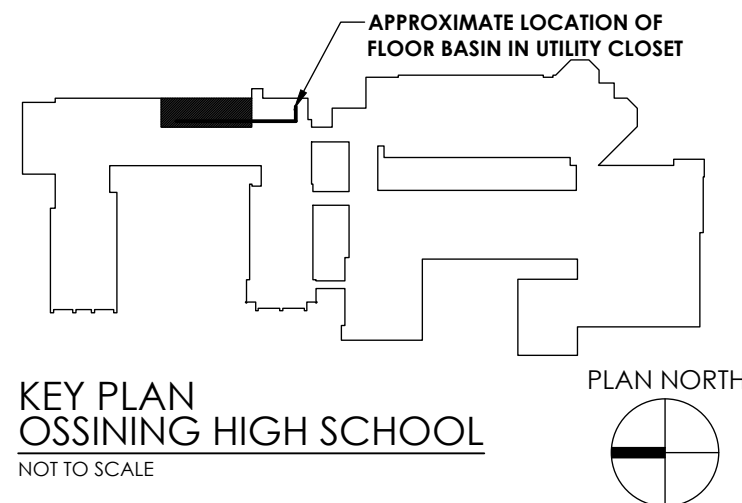
3
H301
BASEMENT NEW WORK PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. REINSULATE APPROXIMATELY 135 FEET OF PIPING WHERE INSULATION WAS REMOVED BY ABATEMENT CONTRACTOR IN BASEMENT.
2. ALL CONTROLS WORK SHALL BE DONE USING THE EXISTING BUILDING MANAGEMENT SYSTEM. CONTACT AUTOMATED CONTROL LOGIC, INC. (ACL) FOR ALL CONTROLS WORK.

KEY NOTES:

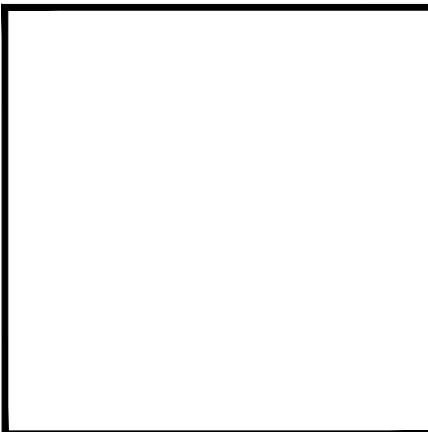
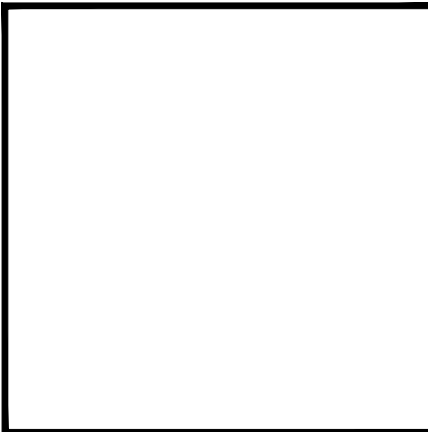
1. INSTALL 2 NEW CONDENSER ON ROOF ABOVE GUIDANCE SUITE ON EQUIPMENT SUPPORT RAILS. SIZE REFRIGERANT LINES PER MANUFACTURER'S RECOMMENDATIONS AND RUN IN PIPE PORTAL THROUGH EXISTING PIPE CHASE DOWN TO NEW BC-1 & BC-2. COORDINATE WITH H201. MAINTAIN ALL ROOF WARRANTIES.
2. ROUTE NEW 1-1/2" CONDENSATE DRAIN TO NEAREST FLOOR BASIN IN EXISTING UTILITY CLOSET. APPROXIMATELY 50 FEET OF PIPING ADDITIONAL PIPING TO FLOOR BASIN. SEE KEY PLAN FOR LOCATION. COORDINATE WORK THE G.C.
3. RUN PIPING IN WALL DOWN TO LOWER LEVEL AS INDICATED. COORDINATE WORK THE G.C.



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REVISIONS	NO.	DATE	DESCRIPTION
	1	12/18/2020	BID ADDENDUM 1

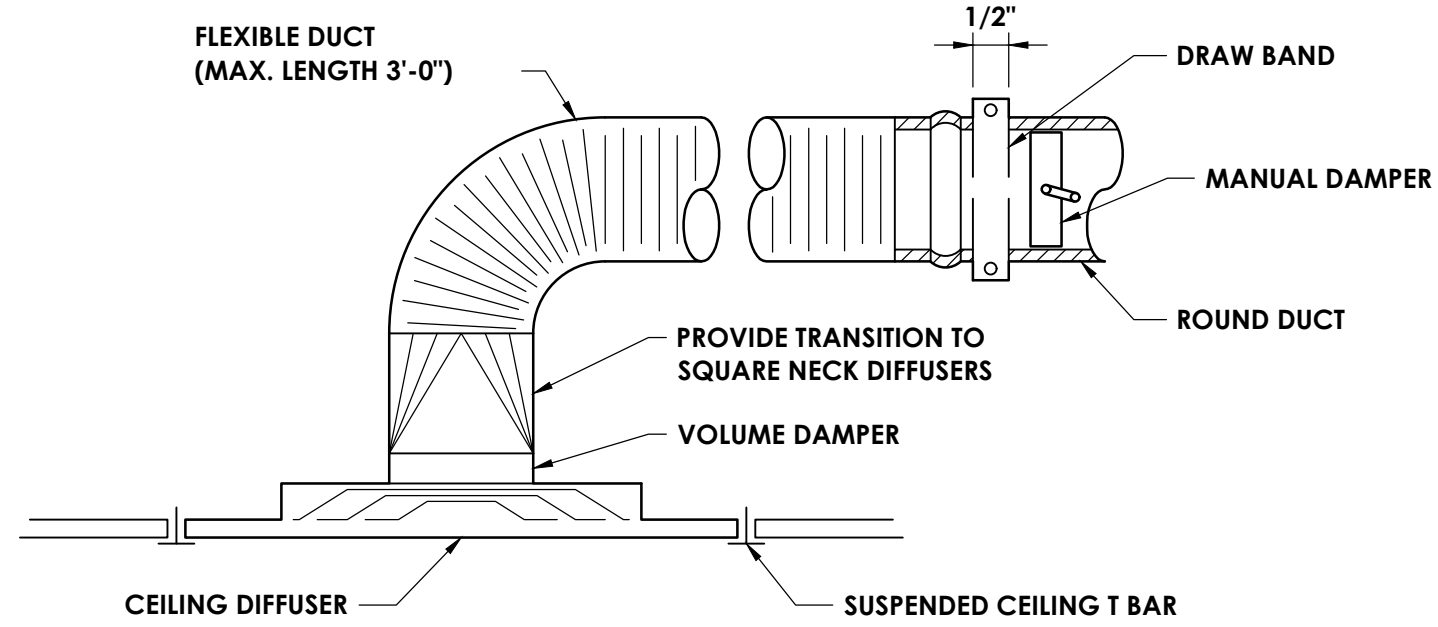


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OSSINING HIGH SCHOOL
GUIDANCE OFFICE RENOVATIONS
29 SOUTH HIGHLAND AVENUE, OSSINING, NEW YORK 10562
SED # 66-14-01-03-0-003-039

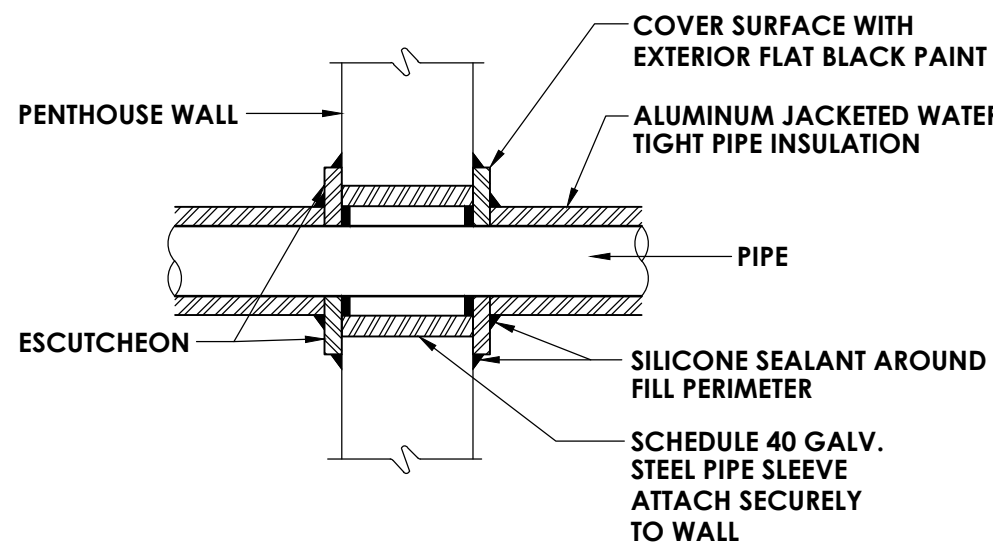
DATE	DRAWN	CHECKED
08/31/2020	BKM	AJS
SCALE	AS SHOWN	
SHEET TITLE	MECHANICAL PIPING NEW WORK PLANS	

PROJECT NUMBER
14428.12

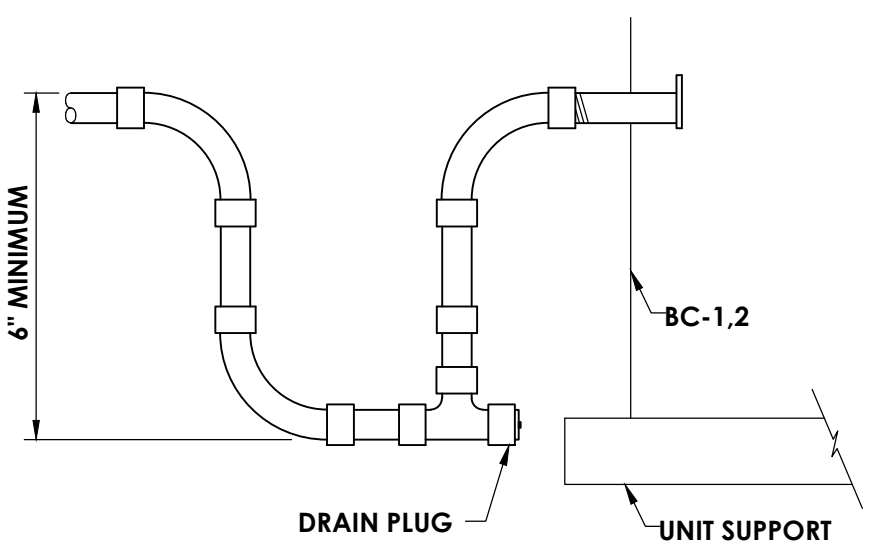
OHS
H301
DRAWING NUMBER



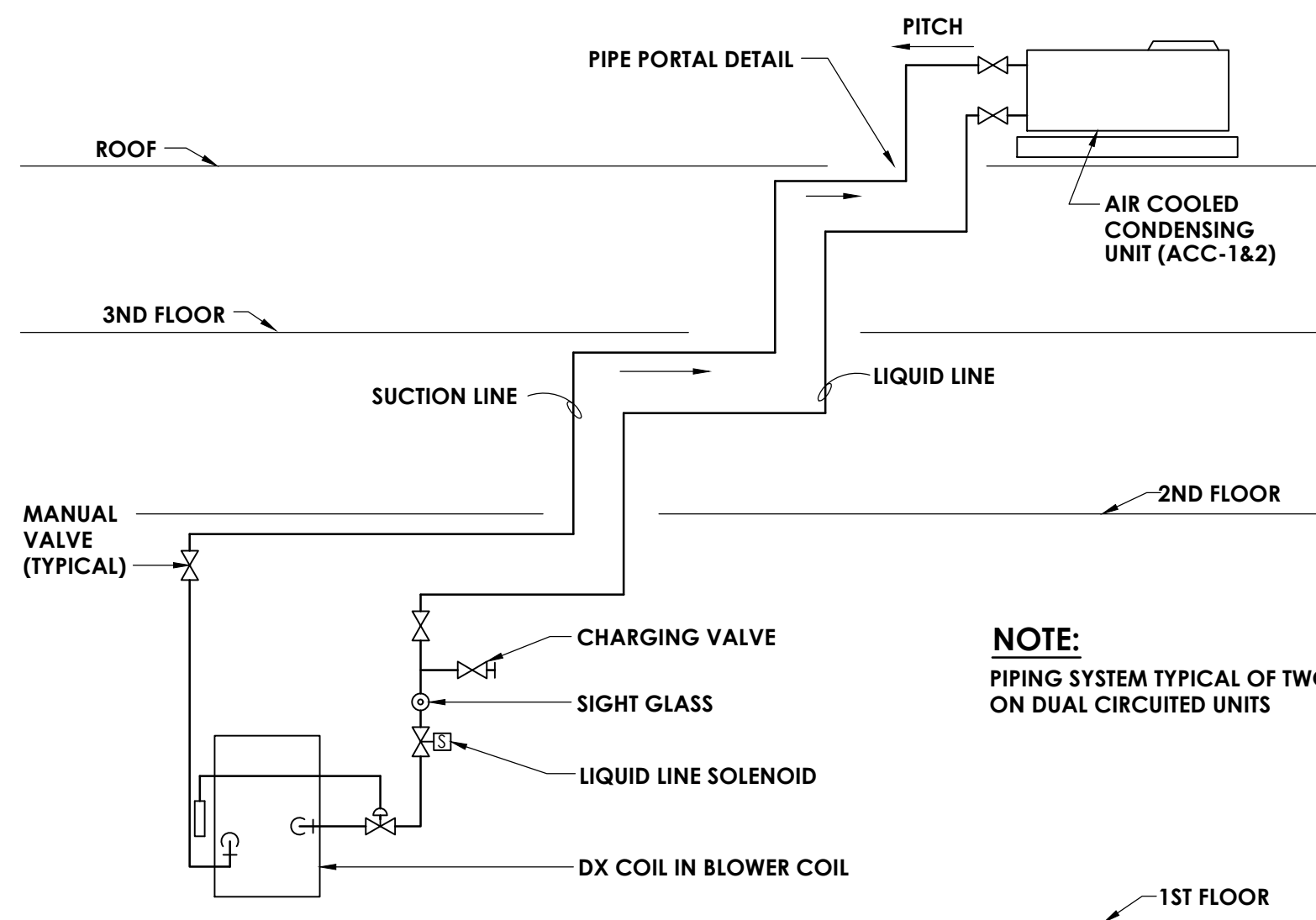
1
H800
NOT TO SCALE
DIFFUSER DETAIL



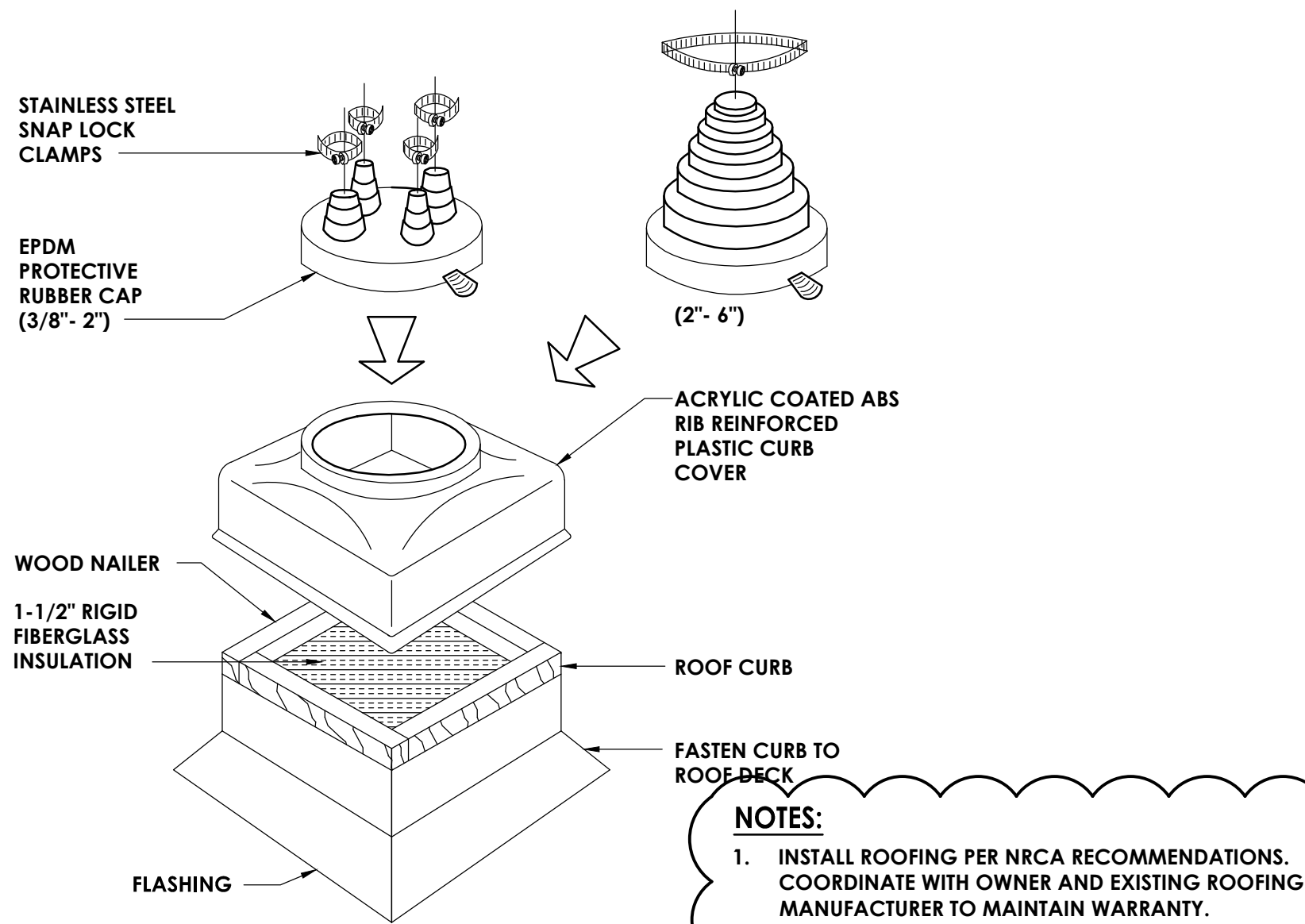
3
H800
NOT TO SCALE
PIPE THROUGH NON-RATED WALL



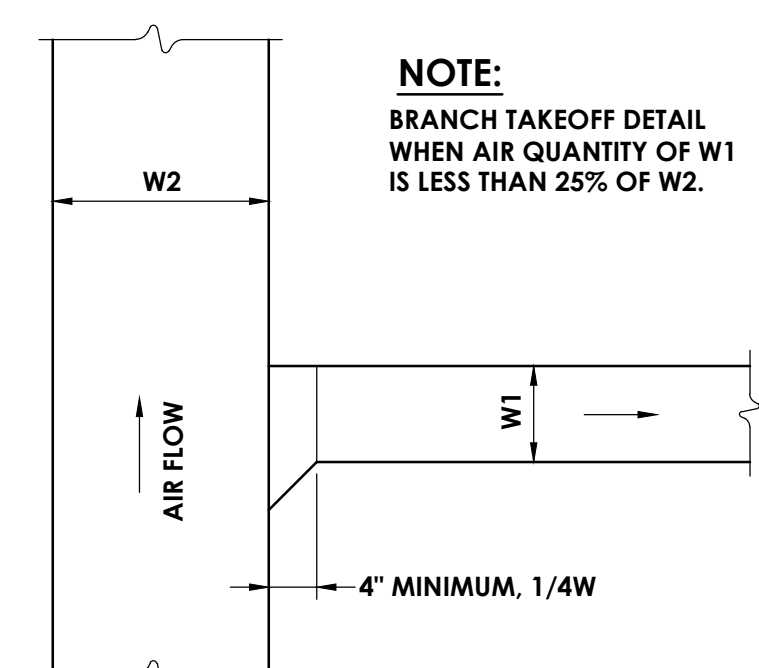
5
H800
NOT TO SCALE
CONDENSATE TRAP DETAIL



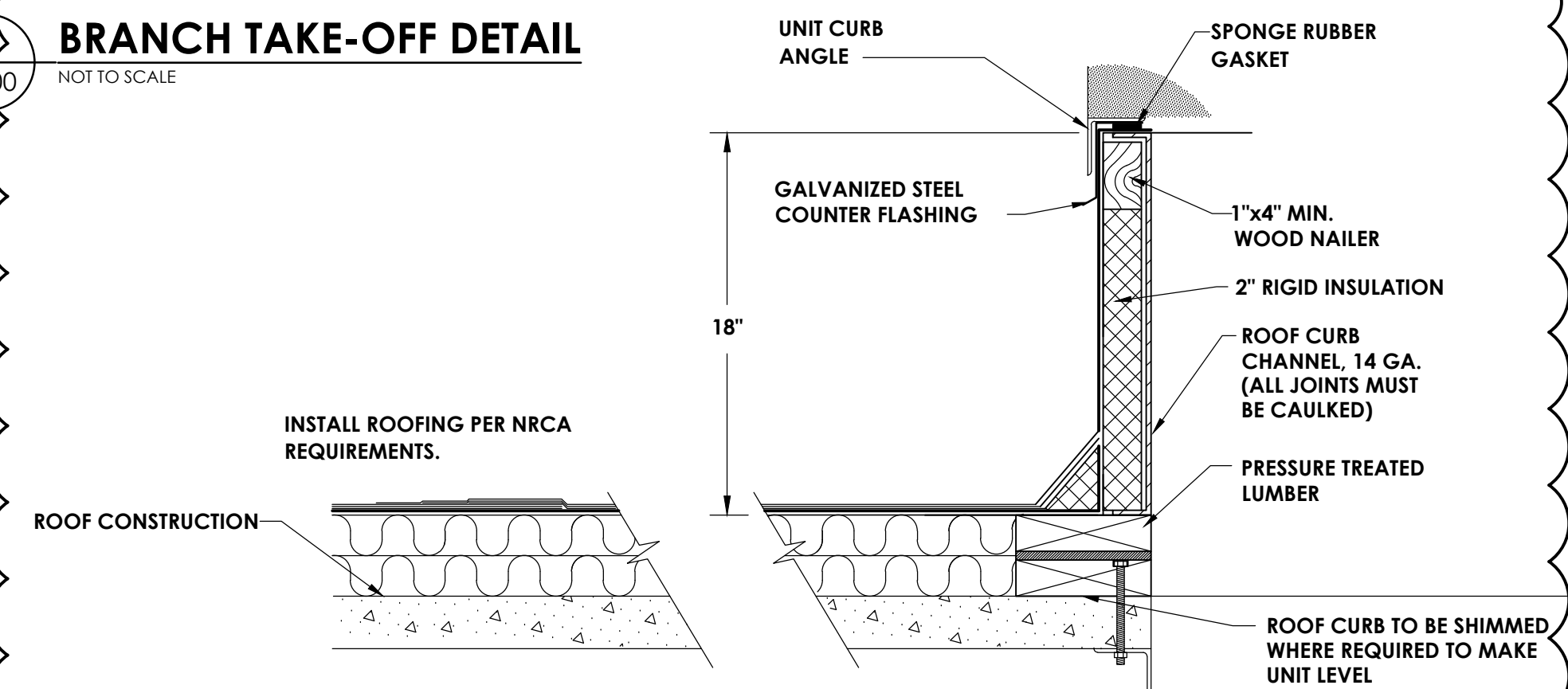
8
H800
NOT TO SCALE
REFRIGERANT PIPING SCHEMATIC



12
H800
NOT TO SCALE
PIPE PORTAL DETAIL

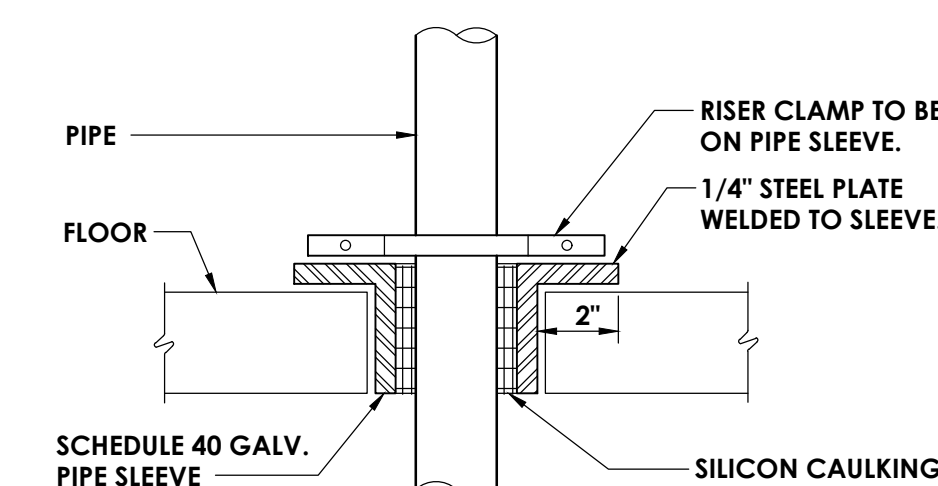


2
H800
NOT TO SCALE
BRANCH TAKE-OFF DETAIL

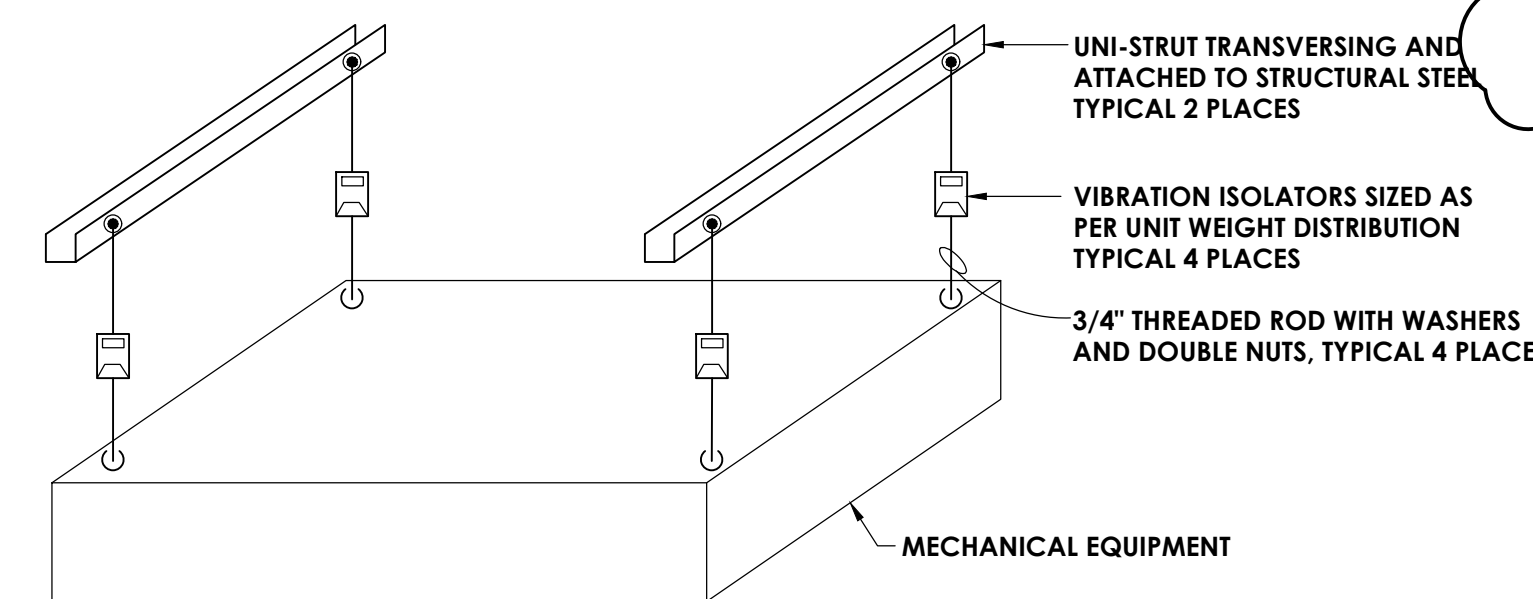


- NOTES:**
1. ALL ROOF TOP HVAC EXHAUST FANS REQUIRED TO HAVE CURB AND CURB INTERIOR AS SHOWN UNLESS OTHERWISE NOTED.
 2. INSTALL ROOFING PER NRCA RECOMMENDATIONS. COORDINATE WITH OWNER AND EXISTING ROOFING MANUFACTURER TO MAINTAIN WARRANTY.
 3. REMOVE EXISTING ROOFING AND ROOF INSULATION DOWN TO EXISTING ROOF DECK AS NECESSARY FOR INSTALLATION OF HVAC EQUIPMENT CURB. CUT OPENING IN EXISTING ROOF DECK AND PROVIDE STRUCTURAL SUPPORT FOR MECHANICAL EQUIPMENT AND OPENING EDGE.
 4. SECURE EQUIPMENT TO RAIL WITH CADMIUM PLATED HARDWARE.
 5. INSTALLATION OF ALL MECHANICAL EQUIPMENT, RAILS AND CURBS SHALL CONFORM TO NYS BUILDING CODE SECTION 1604.9 AND THE WIND RESTRAINT REQUIREMENTS OF THIS PROJECT.

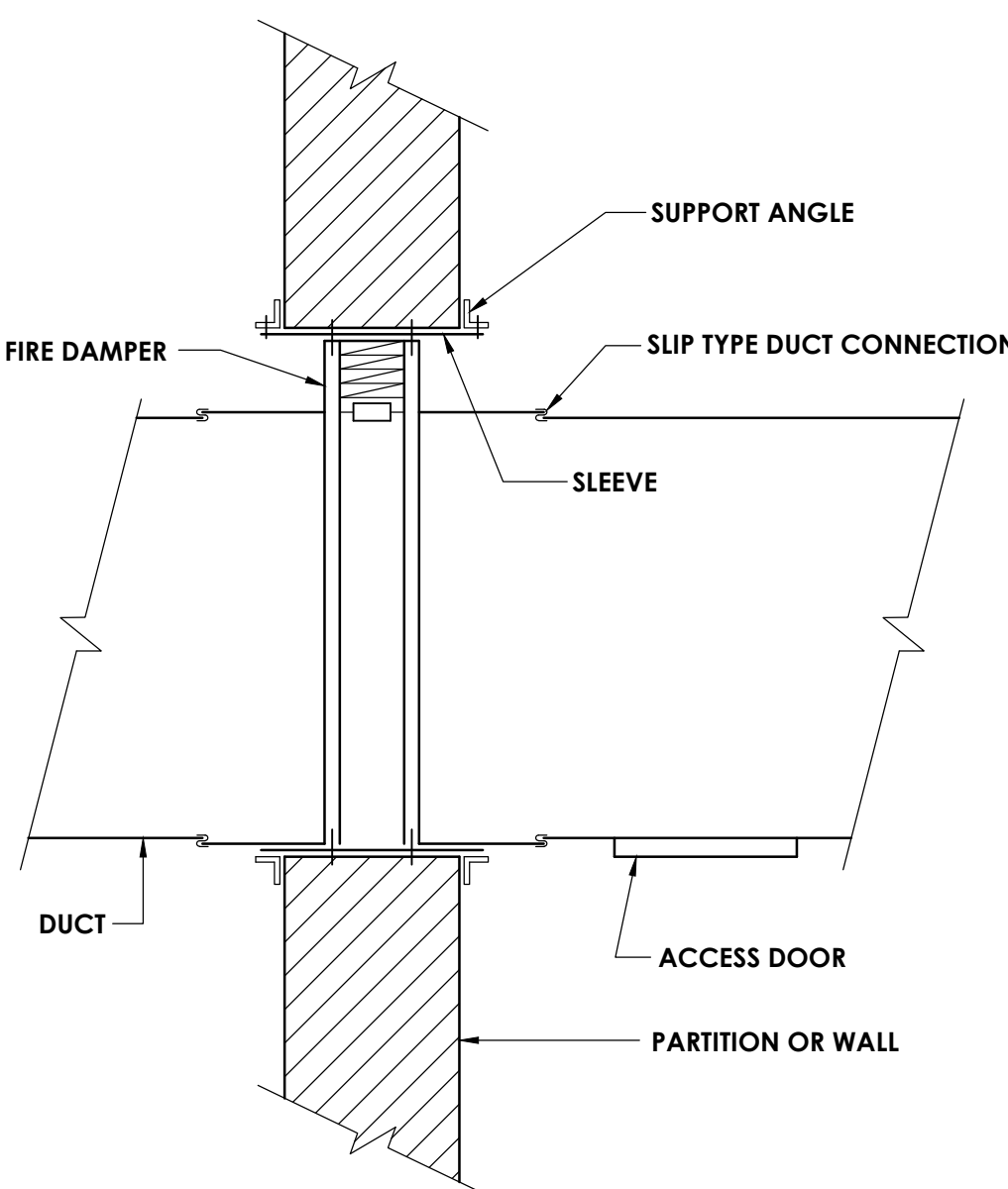
4
H800
NOT TO SCALE
ROOF VENT ROOF CURB DETAIL - EXISTING ROOF



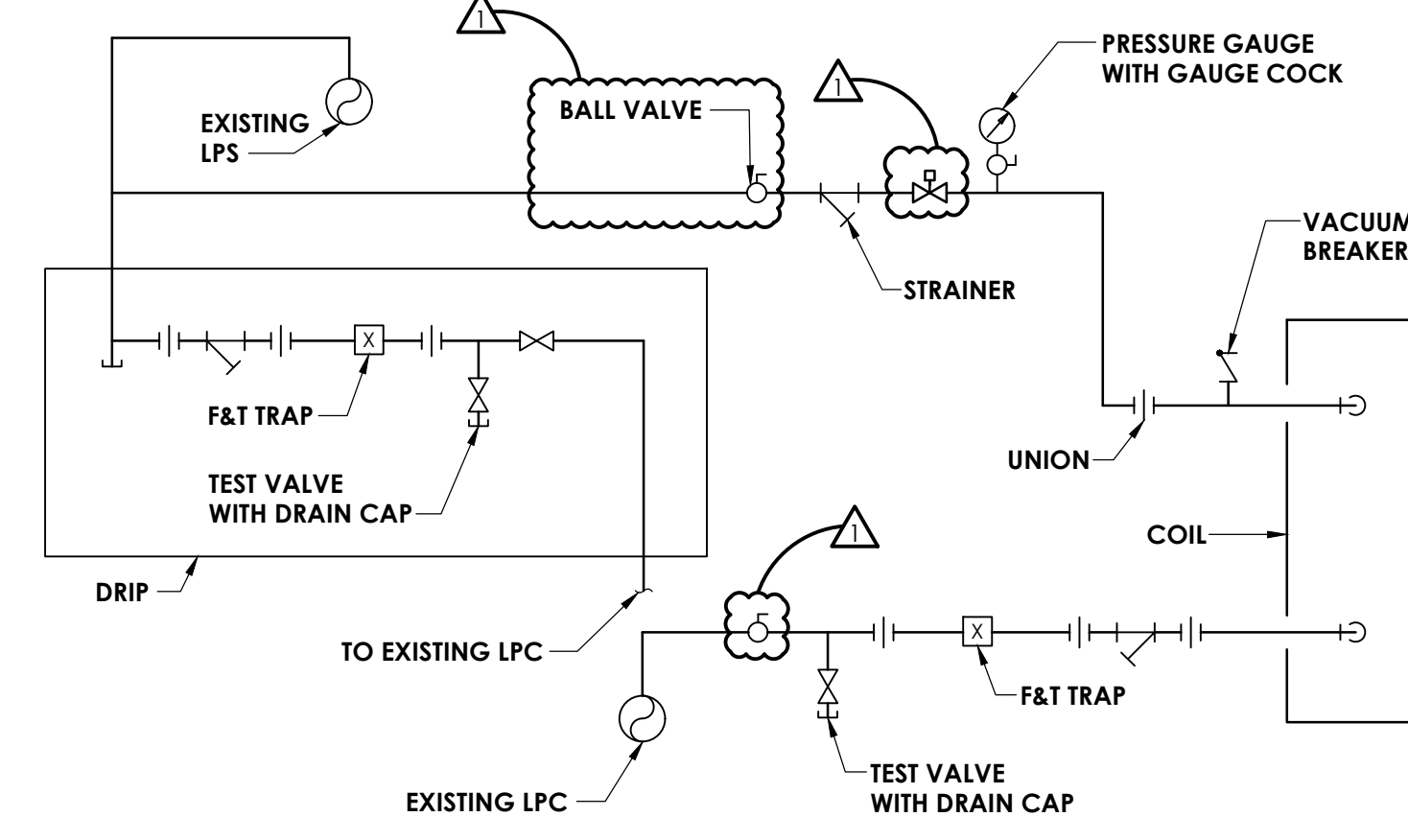
6
H800
NOT TO SCALE
PIPE THROUGH NON-RATED FLOOR



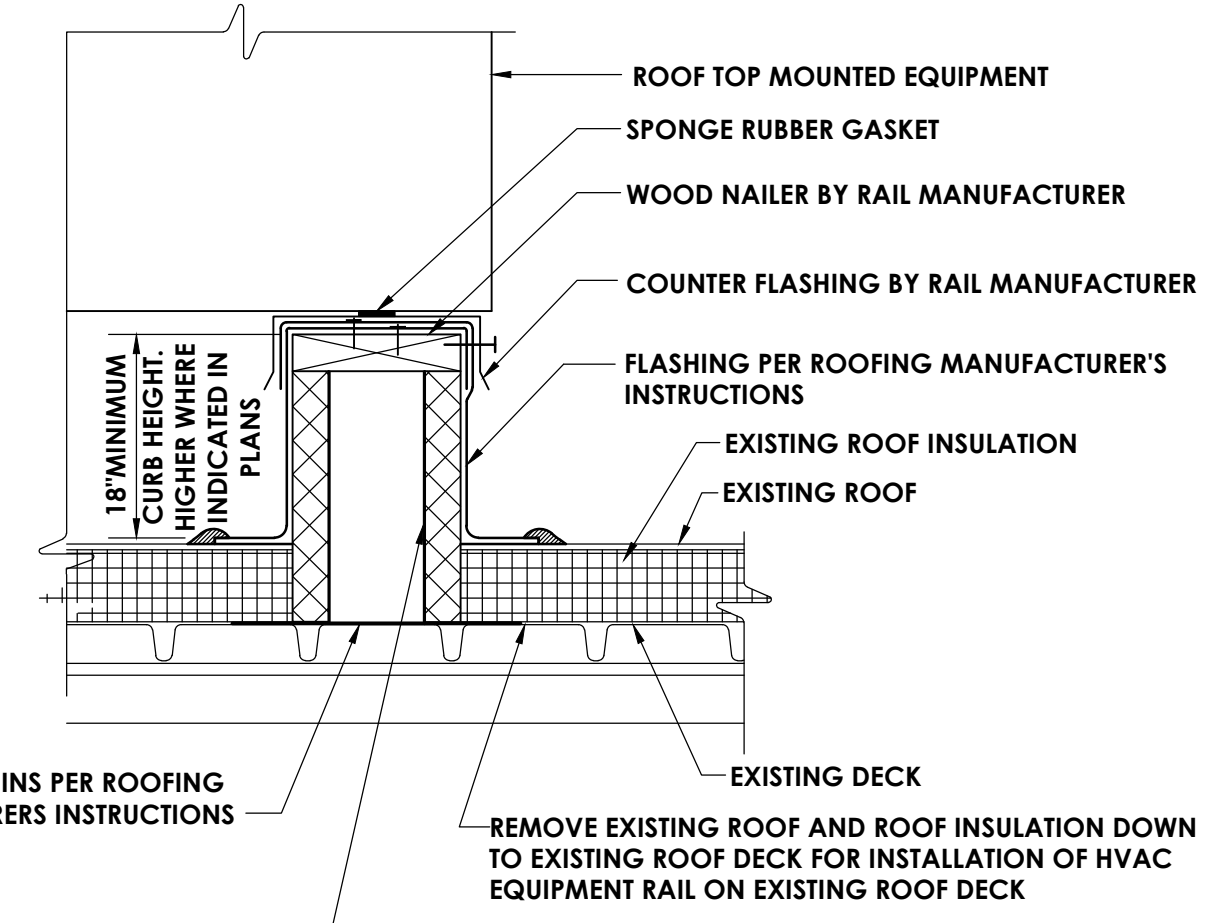
9
H800
NOT TO SCALE
INDOOR UNIT SUPPORT INSTALLATION DETAIL



13
H800
NOT TO SCALE
VERTICAL FIRE DAMPER DETAIL

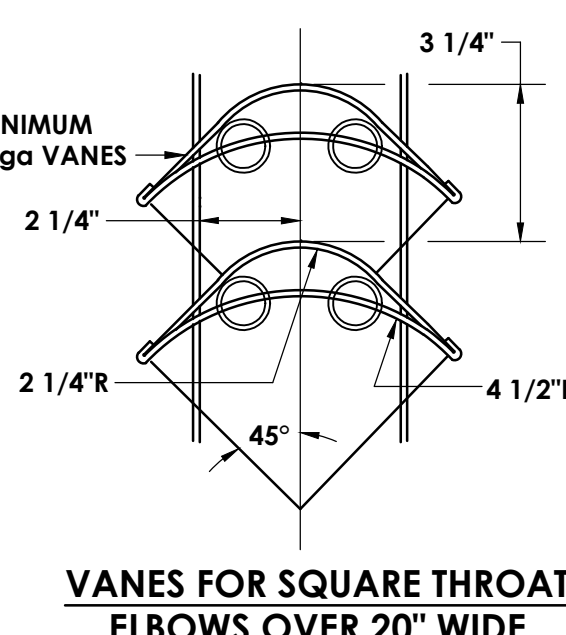


14
H800
NOT TO SCALE
STEAM COIL PIPING DETAIL

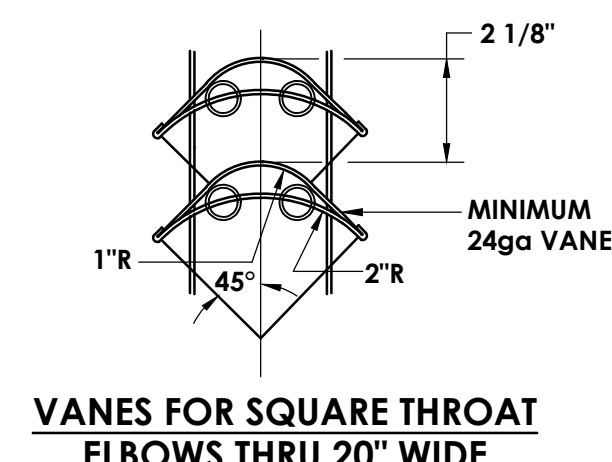


- NOTE:**
1. INSTALL ROOFING PER NRCA RECOMMENDATIONS. COORDINATE WITH OWNER AND EXISTING ROOFING MANUFACTURER TO MAINTAIN WARRANTY.
 2. REMOVE EXISTING ROOFING AND ROOF INSULATION DOWN TO EXISTING ROOF DECK AS NECESSARY FOR INSTALLATION OF HVAC EQUIPMENT CURB. CUT OPENING IN EXISTING ROOF DECK AND PROVIDE STRUCTURAL SUPPORT FOR MECHANICAL EQUIPMENT AND OPENING EDGE. CRICKET AWAY FROM RAILS FOR DRAINAGE.
 3. SECURE EQUIPMENT TO RAIL WITH CADMIUM PLATED HARDWARE.
 4. INSTALLATION OF ALL MECHANICAL EQUIPMENT, RAILS AND CURBS SHALL CONFORM TO NYS BUILDING CODE SECTION 1604.9 AND THE WIND RESTRAINT REQUIREMENTS OF THIS PROJECT.

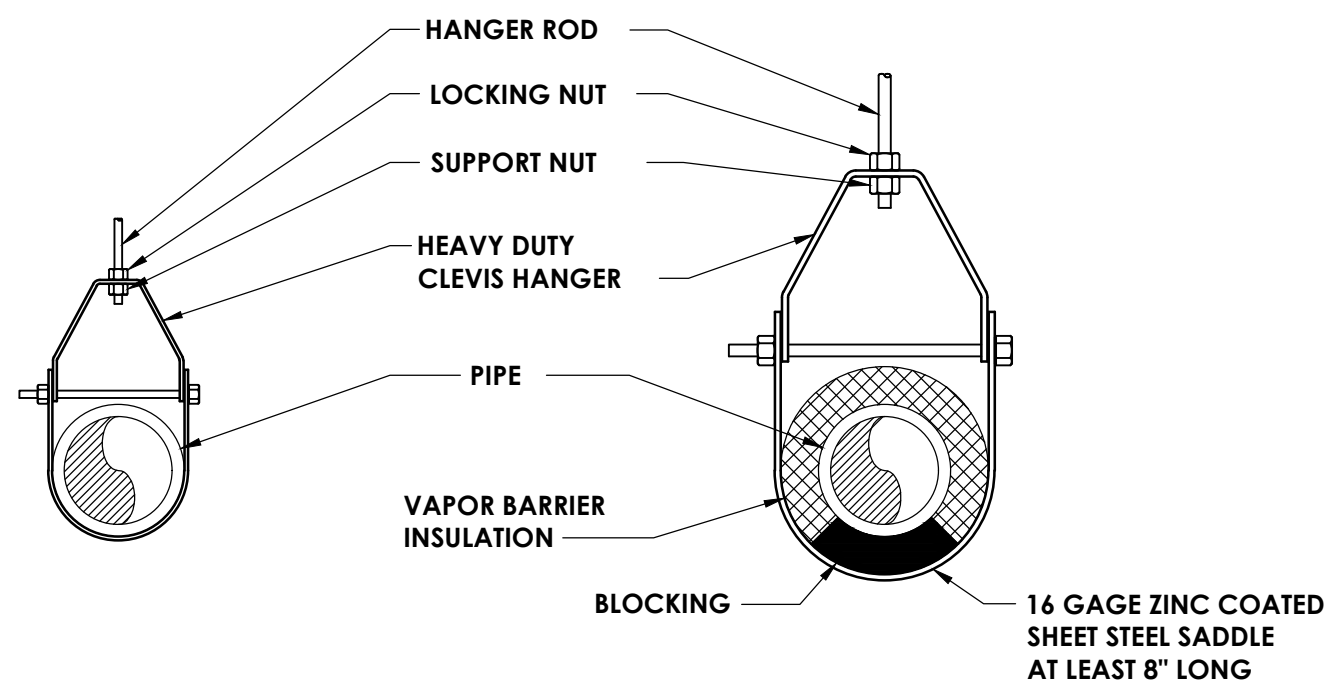
7
H800
SCALE: NOT TO SCALE
EQUIPMENT, DUCT AND PIPING ROOF RAILS



10
H800
NOT TO SCALE
TYPICAL TURNING VANE DETAIL



11
H800
NOT TO SCALE
PIPE SUPPORT DETAIL



15
H800
NOT TO SCALE
FAN COIL CONTROL SCHEMATIC - STEAM BC-1.2

BLOWER COIL SCHEDULE																														
MARK	SUPPLY CFM	MIN. OA CFM	RETURN CFM	FAN DATA				ELECTRICAL DATA				STEAM HEATING COIL DATA						DX COOLING DATA										WT (LBS)	TYPICAL UNIT MFG & MODEL NO.	REMARKS:
				EXT SP	TOTAL SP	RPM	BHP	VOLT	PH	HZ	MBH	TEMP°F		INLET(PSI)	FACE AREA (FT²)	COND. LB/HR	DX FACE AREA (FT²)	ROWS	FPI	EAT °F		DB °F	LAT °F	COOLING MBH						
												ENT	LVG							WB	DEWB			TOTAL	SENS					
BC-1	1977	310	1667	1.5	2.45	2678	1.34	208	3	60	85.8	59.1	99.2	2	6.3	87.8	6.4	3	12	78.5/66.1	56.4/54.8	67.7	46.9	1405	KRUEGER KAH-30M45	1.3,4.5				
BC-2	1645	190	1455	1.5	2.98	2649	1.32	208	3	60	57.1	61.8	93.9	2	3.8	58.5	3.8	5	10	77.2/65.7	54.5/53.7	58.6	40.3	1225	KRUEGER KAH-30X36	1.2,4.5				
REMARKS:	1 PROVIDE FACTORY MOUNTED DISCONNECT SWITCH 2 PROVIDE ACCESS DOORS AND COIL CONNECTIONS ON LEFT SIDE 3 PROVIDE ACCESS DOORS AND COIL CONNECTIONS ON RIGHT SIDE 4 PROVIDE 2" SPRING ISOLATORS ON SUPPLY FANS 5 FILTER MEDIA MERV 8 WITH 0.3" ALLOWANCE ADDED FOR MERV 13																													

- REMARKS:**
1. PROVIDE FACTORY MOUNTED DISCONNECT SWITCH.
 2. PROVIDE ACCESS DOORS AND COIL CONNECTIONS ON LEFT SIDE.
 3. PROVIDE ACCESS DOORS AND COIL CONNECTIONS ON RIGHT SIDE.
 4. PROVIDE 2" SPRING ISOLATORS ON SUPPLY FANS.
 5. FILTER MEDIA MERV 8 WITH 0.3" ALLOWANCE ADDED FOR MERV 13.

AIR COOLED CONDENSER UNIT SCHEDULE													
MARK	LOCATION	SERVES	NOMINAL TONS	NET CAPACITY (MBH)	SENSIBLE CAPACITY (MBH)	ELECTRICAL DATA			REFRIGERANT	SEER/EER	OPERATING WEIGHT (LBS.)	TYPICAL UNIT MFG & MODEL NO.	REMARKS:
						VOLTS	MCA	POWER (KW)					
ACCU-1	ROOF	BC-1	5	56.7	39.8	208/3	21.2	4.56	R-410A	14/12	205	YORK YCD06831S	1
ACCU-2	ROOF	BC-2	4	44.2	39.2	208/3	18.4	4.1	R-410A	15.75/12.75	200	YORK YCD46831S	1
<u>REMARKS:</u> 1. PROVIDE FACTORY MOUNTED DISCONNECT. 2. 3.													

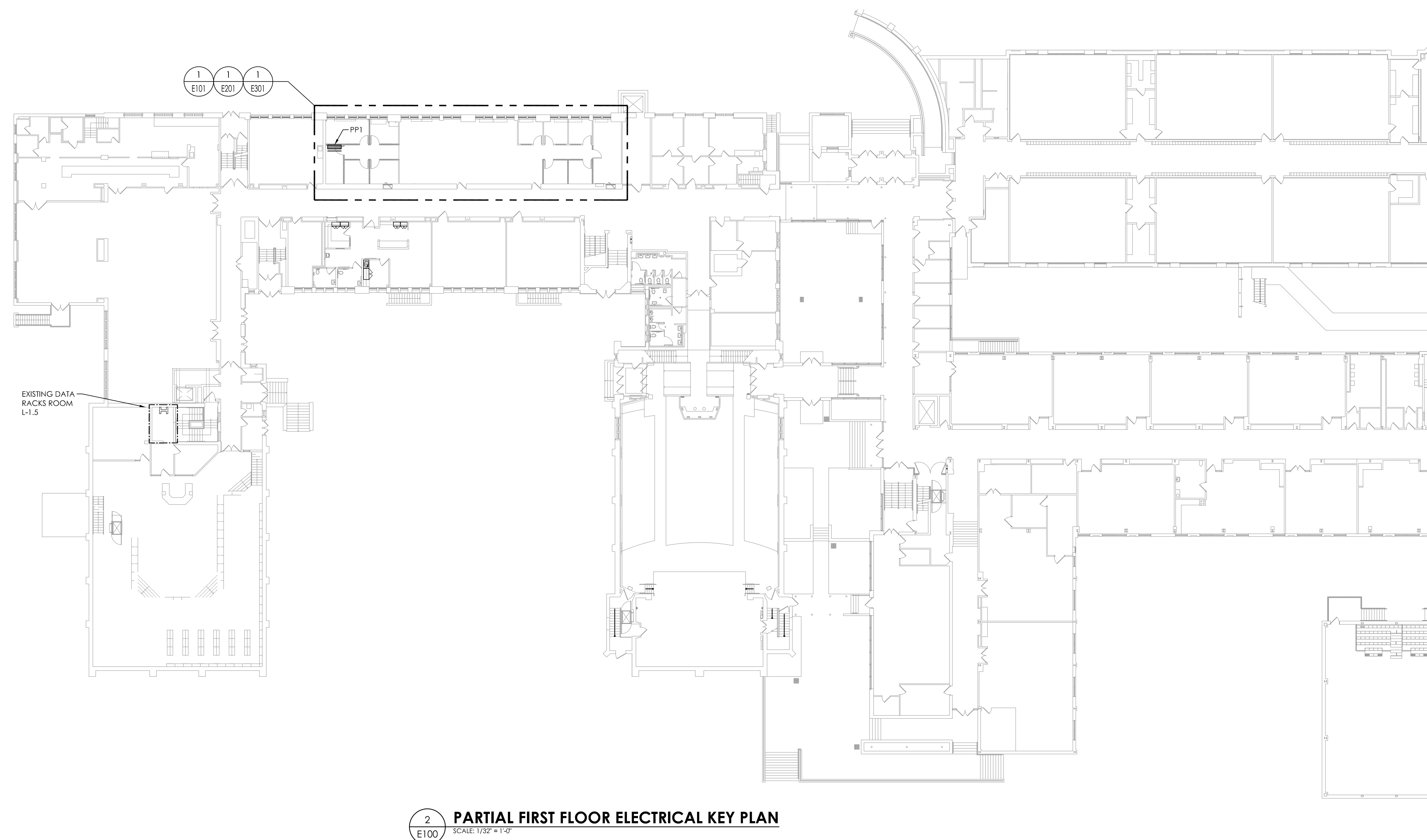
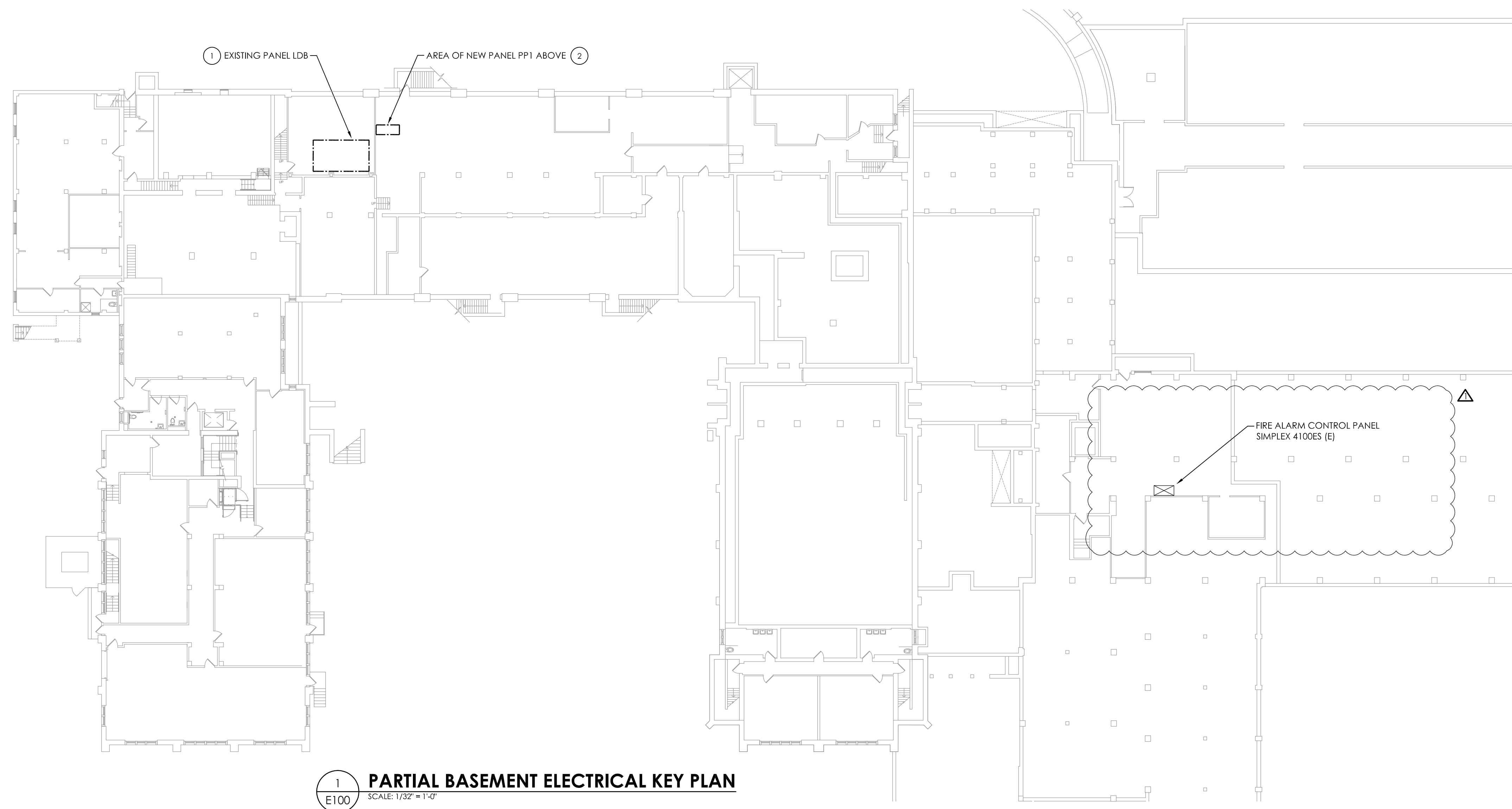
- REMARKS:**
1. PROVIDE FACTORY MOUNTED DISCONNECT.
 - 2.
 - 3.

GRAVITY VENTILATOR SCHEDULE								
MARK	LOCATION	SERVICE	THROAT AREA (SQ. FT.)	HOOD AREA (SQ. FT.)	AIR FLOW (CFM)	SP (IN. W.G.)	TYPICAL UNIT MFG & MODEL NO.	REMARKS
GV-1	ROOF	BC-1 AND BC-2 OUTSIDE AIR	1	4.7	600	0.026	GREENHECK GR81-16	1, 2
REMARKS:	1. PROVIDE WITH WIRE MESH AIR SCREEN 2. PROVIDE MANUFACTURER'S 18-INCH INSULATED ROOF CURB							

- REMARKS:**
1. PROVIDE WITH WIRE MESH BIRD SCREEN.
 2. PROVIDE MANUFACTURER'S 18-INCH INSULATED ROOF CURB.

REGISTERS, GRILLES, AND DIFFUSERS							
MARK	APPLICATION	MATERIAL	TYPE	FINISH	FACE SIZE	DESIGN EQUIP.	REMARKS
D1	SUPPLY	STEEL	LAY IN	WHITE	24X24	PRICE SCD	-
D2	SUPPLY	STEEL	LAY IN	WHITE	12X12	PRICE SCD	-
D3	SUPPLY	STEEL	SIDE WALL	WHITE	SEE PLANS	PRICE S10	-
G1	RETURN/EA	STEEL	LAY IN	WHITE	24X24	PRICE PDOR	-
G2	RETURN/EA	STEEL	LAY IN	WHITE	12X12	PRICE PDOR	-
G3	RETURN/EA	STEEL	SIDE WALL	WHITE	SEE PLANS	PRICE S30	-

- REMARKS:**



KEY NOTES:

- 1 UTILIZE EXISTING 100-AMP, 3-POLE CIRCUIT BREAKER IN EXISTING PANEL LDB TO FEED NEW PANEL PP1. LABEL BREAKER ACCORDINGLY.
- 2 AREA OF PANEL PP1 ABOVE IN GUIDANCE SUITE ROOM STORAGE 103L. PROVIDE (4) #2, (1) #6 GND IN 2" CONDUIT FROM PANEL LDB TO NEW PANEL PP1. ALL CONDUIT AND WIRING TO BE RUN TIGHT TO CEILING THEN UP INTO NEW PANEL.



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OSSINING UNION FREE SCHOOL DISTRICT
 OSSINING HIGH SCHOOL
 GUIDANCE OFFICE RENOVATIONS
 229 SOUTH HIGHLAND AVENUE, OSSINING, NEW YORK 10566
 SED # 66-14-01-03-0-003-039

DATE	DRAWN	CHECKED
08/31/2020	MAY	JBT
SCALE AS SHOWN		

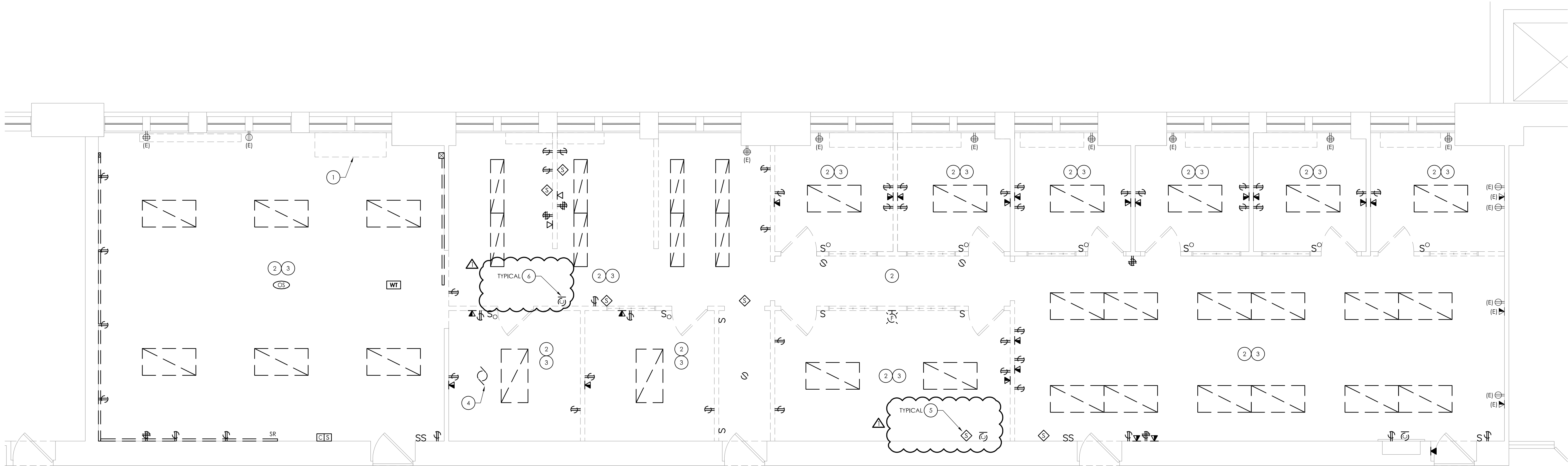
SHEET TITLE

PARTIAL BASEMENT AND
FIRST FLOOR
ELECTRICAL KEY PLANS

PROJECT NUMBER	14428.12
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$$\frac{\text{OHS}}{=100}$$

DRAWING NUMBER



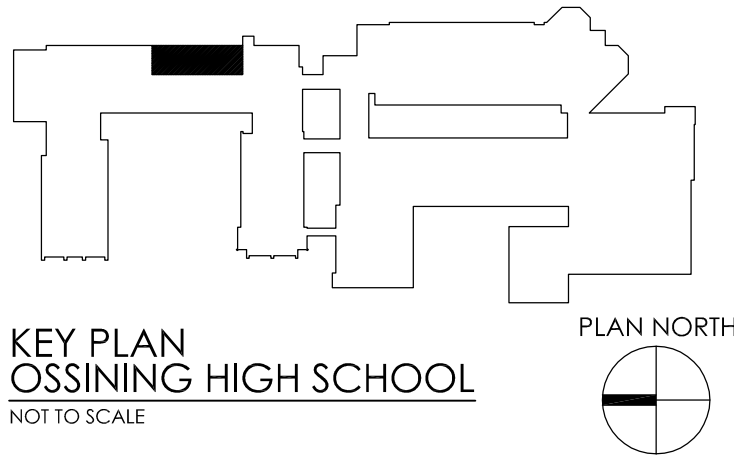
1
E101
FIRST FLOOR ELECTRICAL DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

- A. ALL ITEMS SHOWN ARE TO BE REMOVED UNLESS LABELED AS (E) EXISTING TO REMAIN. ANY DEVICE, AS WELL AS ITS ASSOCIATED CIRCUITING, AND CONDUIT, LABELED "E" SHALL REMAIN, UNLESS OTHERWISE NOTED.
- B. INFORMATION ON DRAWINGS WAS OBTAINED THROUGH FIELD OBSERVATION AND AS-BUILT DOCUMENTATION. THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND REPLACEMENT OF ANY DEVICES AND CABLING THAT MAY NOT BE SHOWN ON DRAWING AT NO ADDITIONAL COST TO OWNER.
- C. 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 AT NO ADDITIONAL COST.
- D. 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.
- E. 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 AS REQUIRED TO ACCOMMODATE THE NEW CONSTRUCTION, AT NO ADDITIONAL COST TO OWNER.
- F. COORDINATE DEMOLITION OF EQUIPMENT, DEVICES, ETC., WITH OTHER DISCIPLINES AS APPLICABLE.
- G. ALL ITEMS (DEVICES, FIXTURES, ETC.) SHOWN ARE TO BE REMOVED UNLESS LABELED AS EXISTING TO REMAIN - (E). THESE ITEMS AND THEIR RELATED WIRING/CONDUIT SHALL BE REMOVED BACK TO THE SOURCE CONTROL PANEL/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.
- H. CONTRACTOR SHALL PROPERLY DISPOSE OF ALL ITEMS AND/OR EQUIPMENT BEING REMOVED AS PART OF THE PROJECT. THE OWNER SHALL HAVE THE RIGHT OF RETAINING ANY ITEMS BEING REMOVED.
- I. CONTRACTOR SHALL PROVIDE NEW COVERPLATES ON ALL UNUSED FLUSH MOUNT DEVICE BOXES 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 REPLACED USING AN APPROVED METHOD AS DESCRIBED IN ASSOCIATED PROJECT SPECIFICATIONS.

KEY NOTES:

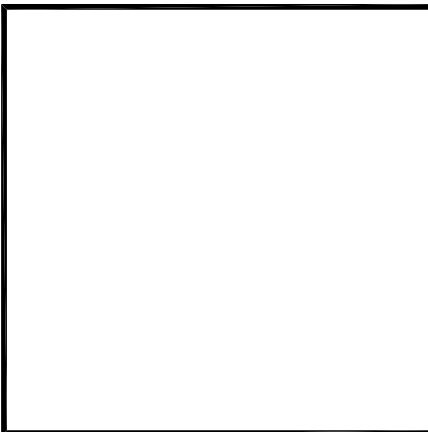
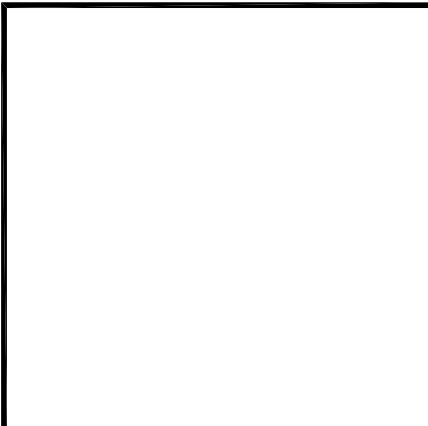
- 1 DISCONNECT AND REMOVE ALL CONDUIT AND WIRING TO UNIT VENTILATOR BACK TO SOURCE.
- 2 DISCONNECT AND REMOVE EXISTING LIGHT FIXTURES. TAG EXISTING CIRCUITRY FOR RE-USE WITH NEW LIGHTING.
- 3 DISCONNECT AND REMOVE EXISTING DATA DEVICES. COIL AND TAG EXISTING DATA WIRING FOR RE-USE WITH NEW DATA DEVICES.
- 4 DISCONNECT AND REMOVE ALL CONDUIT AND WIRING TO FAN COIL BACK TO SOURCE.
- 5 DISCONNECT AND REMOVE EXISTING SPEAKERS. PULL WIRING BACK AND TAG FOR RE-USE.
- 6 REMOVE EXISTING WIRELESS CLOCK AND STORE FOR RE-LOCATION. REFER TO DRAWING OHS-E201 FOR NEW LOCATIONS.



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REVISIONS	NO.	DATE	DESCRIPTION
	1	12/18/2020	BID ADDENDUM 1



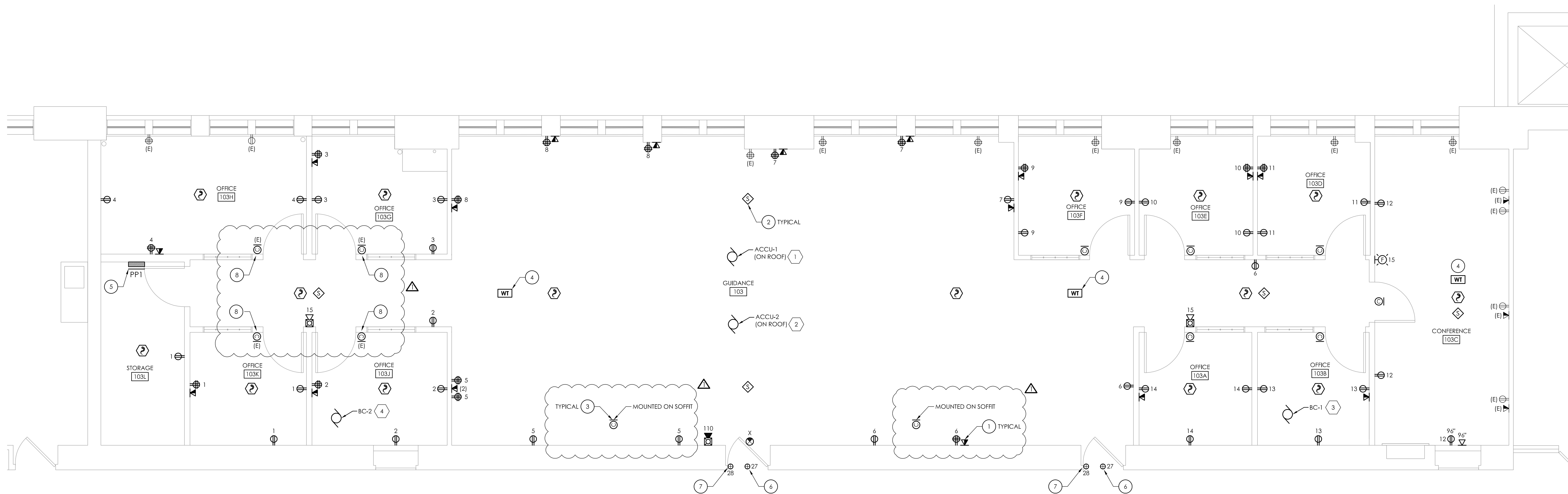
OSSINING UNION FREE SCHOOL DISTRICT
OSSINING HIGH SCHOOL
GUIDANCE OFFICE RENOVATIONS

29 SOUTH HIGHLAND AVENUE, OSSINING, NEW YORK 10562
SED #66-14-01-03-0-003-039

DATE	DRAWN	CHECKED
08/31/2020	MAY	JBT
SCALE	AS SHOWN	
SHEET TITLE		
FIRST FLOOR ELECTRICAL DEMOLITION PLAN		

PROJECT NUMBER
14428.12

OHS
E101
DRAWING NUMBER



1
E201

FIRST FLOOR ELECTRICAL NEW WORK PLAN

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

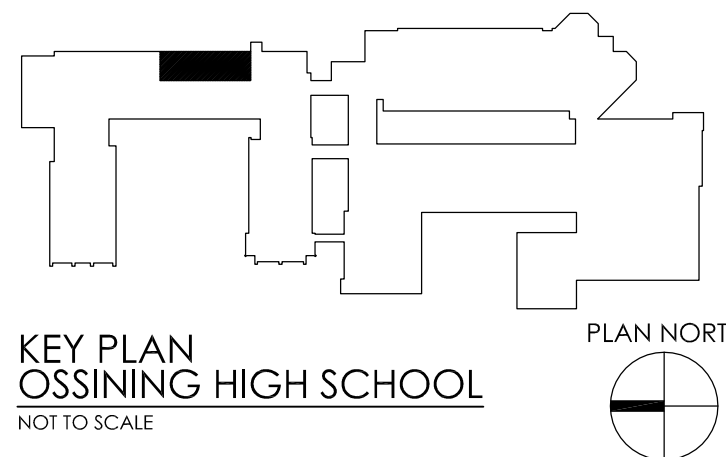
GENERAL NOTES:

- FOR ALL 120V DEVICES SHOWN, WIRE WITH #12@12, #12 IN 3/4" AND CONNECT TO 20A/1P CIRCUIT BREAKER IN PANEL P#1 OF CIRCUIT IDENTIFIED ADJACENT TO DEVICE.
- B. FOR ALL WALL MOUNT VOICE/DATA DROPS SHOWN, PROVIDE FLUSH MOUNT 2-GANG BOX WITH SINGLE GANG DEVICE RING. PROVIDE (2) CATEGORY 6 UTP CABLES IN 1-1/4" CONDUIT ABOVE FINISHED CEILING TO DATA PATCH PANEL WORK ROOM L1-5. REFER TO DRAWING E100 FOR DATA RACK LOCATION. PROVIDE ASSOCIATED 2-PORT FACEPLATE, (2) RJ45 JACKS, ETC. AT DROP LOCATION. PROVIDE NEW 48-PORT PATCH PANEL AND ALL CABLEING TESTING, AND TESTING. PROVIDE PATCH CABLES IN DATA RACK FROM NETWORK SWITCH TO PATCH PANEL FOR EACH DATA DROP.
- C. AT EACH "X" SYMBOL INDICATES. REFER TO ELECTRICAL EQUIPMENT WIRING SCHEDULE ON DRAWING E900.
- E. THE CONTRACTOR SHALL PROVIDE NEW NOTIFICATION APPLIANCE (NAC) PANEL ON EACH FLOOR TO ACCOMMODATE NEW NOTIFICATION DEVICES. PANELS SHALL BE LOCATED IN ACCESSIBLE CLOSET SPACE ON ASSOCIATED FLOOR. COORDINATE EXACT PANEL LOCATION WITH OWNER PRIOR TO INSTALLATION. SERVICE NEW NAC PANEL FROM NEAREST AVAILABLE 120VAC PANELBOARD SOURCE (L2) @ #12, #12 G IN 1/2" EMT CONDUIT. CIRCUIT LENGTHS EXCEEDING 100' SHALL BE WITH #10 AWG. PROVIDE 201' CIRCUIT BREAKER AVAILABLE PANEL SPACE AND ASSOCIATED "BREAKER ON" LOCK. NEW CIRCUIT BREAKER SHALL BE U.L. LISTED AND MATCH EXISTING PANEL INTERRUPTING RATING.
- G. THE CONTRACTOR SHALL INCLUDE MATERIAL AND LABOR COSTS ASSOCIATED WITH THE REPLACEMENT OF ADDITIONAL SMOKE DUCT DETECTORS, REMOVE TEST STATIONS AND FAN SHUTDOWNS RELAYS AS SHOWN IN 2B. PROVIDE PANEL SPACE AND ASSOCIATED "BREAKER ON" LOCK. NEW CIRCUIT BREAKER SHALL BE U.L. LISTED AND MATCH EXISTING PANEL INTERRUPTING RATING.
- H. INITIATION DEVICES SHOWN SHALL NOT BE LOCATED IN A DIRECT AIRFLOW PATH OR CLOSER THAN 3' OF AN AIR SUPPLY DIFFUSER OR RETURN AIR GRILLE.
- FIRE ALARM CABLEING RUN EXPOSED IN UNFINISHED AREAS SHALL BE INSTALLED IN EMT CONDUIT AND PAINTED TO MATCH EXISTING WALL/CEILING FINISH. HORIZONTAL RUNS THROUGH WALLS AND VERTICAL RUNS THROUGH FLOORS SHALL BE SLEEVED IN EMT CONDUIT. FIRE CABLEING SHALL BE INSTALLED IN UNFINISHED AREAS EXPOSED IN FINISHED SPACES SHALL BE INSTALLED IN 500 SERIES STEEL WIREMOLD, VORNY IN COLOR.
- J. MOUNT SMOKE DETECTORS WITHIN 5 FEET OF DOORS THAT CLOSE ON A FIRE ALARM ACTIVATION. REFER TO NFPA 72 FOR THE MINIMUM DISTANCE A SMOKE DETECTOR CAN BE FROM DOOR.
- K. FOR PUBLIC MOUNT, WALL MOUNTED VISUALS OR AUDIBLE/VISUALS SHALL BE MOUNTED SUCH THAT THE ENTIRE LENS IS NOT LESS THAN 80" AND NOT GREATER THAN 96" ABOVE FINISHED FLOOR. REFER TO NFPA 72 FOR CEILING MOUNTED VISUALS. REFER TO NFPA 72 FOR SPACING OF STROBES, WHERE CEILING HEIGHTS ALLOW. WALL MOUNTED AUDIBLE ONLY APPLIANCES SHALL HAVE THEIR TOPS ABOVE FINISHED FLOOR AT HEIGHTS OF NOT LESS THAN 90".
- L. THE OPERABLE PART OF PULL STATIONS SHALL BE MOUNTED MORE THAN 3-1/2 FEET BUT LESS THAN 4-1/2 FEET ABOVE THE FLOOR. REFER TO NFPA FOR SPACING OF DEVICES.
- M. REFER TO MANUFACTURER INSTALLATION GUIDELINES FOR DUCT SMOKE DETECTOR INSTALLATION.
- N. ADDRESSABLE DEVICES SHOULD ONLY BE INSTALLED IN AREAS WHERE AMBIENT TEMPERATURE IS BETWEEN 32° AND 100° F.
- O. CIRCUIT DISCONNECT MEANS (BREAKER IN PANELBOARD) FOR THE FACP SHALL HAVE A RED MARKING AND SHALL BE IDENTIFIED AS "FIRE ALARM CIRCUIT CONTROL". CIRCUIT DISCONNECT LOCATION SHALL BE PERMANENTLY IDENTIFIED AT THE FACP ON AN ENGRAVED LABELING CIRCUIT IDENTIFICATION TAG. PROVIDE A NON-ALARM BRANCH POWER FROM PANELBOARD LOCATION IN MAIN ELECTRICAL ROOM.
- P. EACH MANUAL FIRE ALARM PULL STATION SHALL BE PROVIDED WITH PULL CATCH COVER WITH HORN.

KEY NOTES:

- ① AT NEW DATA DEVICES, CONNECT TO EXISTING DATA CABLING TAGGED FOR RE-USE. WHERE DATA CABLING IS NOT AVAILABLE PROVIDED NEW DATA CABLING AS INDICATED IN THE GENERAL NOTES.

2. PROVIDE PUBLIC ADDRESS SPEAKER, BOGEN MODEL S86725PGBWVK AT EACH LOCATION SHOWN. CONNECT SPEAKERS TO EXISTING TAGGED SPEAKER WIRING. REWORK/EXTEND WIRING AS NECESSARY TO ACCOMMODATE NEW SPEAKER LOCATIONS.
3. PROVIDE PRIMEX WIRELESS CLOCK MODEL B10042155 AT LOCATIONS SHOWN.
4. AT EACH WIRELESS TRANSMITTER INSTALL PROVIDE (2) CATEGORY 6 UTP CABLES AND (2) RJ45 JACKS ABOVE CEILING. COIL 20' OF EXTRA CABLING AT LOCATION.
5. PROVIDE NEW RECESSED 200-AMP, 120/208V, 3-PHASE, 4-WIRE, 10K AIC, 30 CIRCUIT PANEL BOARD AT LOCATION SHOWN. NEW PANEL TO BE FED FROM PANEL LDB. REFER TO DRAWING HS-E100 FOR PANEL LOCATION.
6. PROVIDE 120-VOLT CONNECTION TO POWERED DOOR OPERATORS AS NOTED. OPERATORS TO BE WIRED BACK TO PANEL PPI. CIRCUIT 27. WIRE OPERATORS WITH (2) #12, (1) #2GND IN 3/4" CONDUIT. COORDINATE ALL WORK WITH DOOR HARDWARE INSTALLER.
7. PROVIDE 120-VOLT CONNECTION TO ELECTRIC STRIKE POWER SUPPLY. ELECTRIC STRIKE POWER SUPPLY TO BE WIRED BACK TO PANEL PPI. CIRCUIT 28. WIRE WITH (2) #12, (1) #2GND IN 3/4" CONDUIT. COORDINATE ALL WORK WITH DOOR HARDWARE INSTALLER.
8. RELOCATE EXISTING WIRELESS CLOCKS TO LOCATIONS INDICATED.

[illegible]

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