

BEDFORD CENTRAL SCHOOL DISTRICT

DISTRICT ADMINISTRATION OFFICES

632 S BEDFORD RD, BEDFORD, NY 10506

PHASE 1A - BOND IMPROVEMENTS

AT

FOX LANE HIGH SCHOOL

632 S BEDFORD RD
BEDFORD, NY 10506
SED No.:66-01-02-06-0-003-021
BBS No.:22-225A

FOX LANE MIDDLE SCHOOL

632 S BEDFORD RD
BEDFORD, NY 10506
SED No.:66-01-02-06-0-007-011
BBS No.:22-225B

MOUNT KISCO ELEMENTARY SCHOOL

47 W HYATT AVE
MT KISCO, NY 10549
SED No.:66-01-02-06-0-006-015
BBS No.:22-225C

BEDFORD VILLAGE ELEMENTARY SCHOOL

45 COURT RD
BEDFORD, NY 10506
SED No.:66-01-02-06-0-002-016
BBS No.:22-225D

BEDFORD HILLS ELEMENTARY SCHOOL

123 BABBITT RD
BEDFORD HILLS, NY 10507
SED No.:66-01-02-06-0-004-020
BBS No.:22-225E

WEST PATENT ELEMENTARY SCHOOL

80 W PATENT RD
BEDFORD HILLS, NY 10507
SED No.:66-01-02-06-0-009-014
BBS No.:22-225F

POUND RIDGE ELEMENTARY SCHOOL

7 POUND RIDGE RD
POUND RIDGE, NY 10576
SED No.:66-01-02-06-0-001-016
BBS No.:22-225G

FOX LANE HIGH SCHOOL

GENERAL INFORMATION

T0.01 TITLE SHEET

ARCHITECTURAL

A0.01 BASEMENT KEY PLAN
A0.02 FIRST FLOOR KEY PLAN
A0.03 SECOND FLOOR KEY PLAN
A0.04 THIRD FLOOR KEY PLAN
A2.01 VESTIBULE PLANS AND ELEVATIONS
A2.02 ENLARGED PLANS - AREA C
A4.01 BRICKWORK ELEVATIONS & SECTIONS
A8.01 DOOR SCHEDULE, ELEVATIONS, AND DETAILS
A8.02 DOOR DETAILS

MECHANICAL

M0.01 GENERAL NOTES
M2.01 NEW EXHAUST PLAN

ELECTRICAL

E0.01 GENERAL NOTES, LEGENDS AND ABBREVIATIONS
E0.02 HS MULTIPURPOSE FIELD DEMOLITION PLAN
E0.03 HS MULTIPURPOSE FIELD PLAN
E0.04 HS SITE PLAN - FIELD #4
E2.00 BASEMENT FLOOR PLAN
E2.01 FIRST FLOOR PLAN
E3.01 ROOF PLAN
E4.01 ELECTRICAL DETAILS

FOX LANE MIDDLE SCHOOL

ARCHITECTURAL

A0.01 FIRST FLOOR KEY & CODE COMPLIANCE PLAN
A0.02 SECOND FLOOR KEY & CODE COMPLIANCE PLAN
A0.03 THIRD & FOURTH FLOOR KEY & CODE COMPLIANCE PLAN
A1.00 ABATEMENT PLANS
A1.01 DEMOLITION PLAN
A2.01 PROPOSED PLAN
A2.02 PROPOSED PLAN - ADD ALTERNATES
A4.01 ELEVATIONS
A6.01 WALL SECTIONS
A8.01 DOOR SCHEDULE AND DETAILS
A9.01 FINISH PLAN AND SCHEDULE
A10.01 REFLECTED CEILING PLAN

ELECTRICAL

E0.01 GENERAL NOTES, SYMBOLS AND ABBREVIATIONS
E0.02 MS SOFTBALL FIELD SITE PLAN
E1.01 GYM LIGHTING PLAN
E4.01 ELECTRICAL DETAILS
E4.02 ELECTRICAL SITE DETAILS

MOUNT KISCO ELEMENTARY SCHOOL

ARCHITECTURAL

A0.01 GROUND FLOOR AND FIRST FLOOR KEY PLAN
A0.02 SECOND FLOOR KEY PLAN
A1.01 FIRST FLOOR DEMOLITION PLANS
A1.02 SECOND FLOOR DEMOLITION PLAN
A2.01 PROPOSED PLANS ELEVATIONS AND DETAILS
A2.02 FLOOR RECONSTRUCTION FIRST FLOOR FINISH PLAN ENLARGED PLANS AND DETAILS
A2.03 FLOOR RECONSTRUCTION SECOND FLOOR FINISH PLAN

MECHANICAL

M2.01 SECURITY VESTIBULE NEW MECHANICAL PLAN

ELECTRICAL

E0.01 GENERAL NOTES, SYMBOLS AND ABBREVIATIONS
E1.01 PARTIAL FIRST FL ELECTRICAL PLAN - MAIN LOBBY

BEDFORD VILLAGE ELEMENTARY SCHOOL

ARCHITECTURAL

A0.01 FIRST FLOOR KEY PLAN
A1.01 DEMOLITION PLANS AND SECTION
A2.01 PROPOSED PLAN AND DETAILS

ELECTRICAL

E0.01 GENERAL NOTES, SYMBOLS AND ABBREVIATIONS
E1.01 FIRST FLOOR FA & SYSTEMS DEMOLITION PLAN
E1.02 FIRST FLOOR FA & SYSTEMS PROPOSED PLAN
E5.01 TECHNOLOGY DETAILS - VOIP

BEDFORD HILLS ELEMENTARY SCHOOL

ARCHITECTURAL

A0.01 BASEMENT, FIRST AND SECOND FLOOR KEY PLANS
A1.01 DEMOLITION PLANS AND SECTION
A2.01 SECURITY VESTIBULE ENLARGED FLOOR PLAN
A4.01 BUILDING ELEVATIONS, SECTION AND ROOF PLAN
A6.01 WALL SECTIONS AND DETAILS

STRUCTURAL

S0.01 DESIGN DATA AND GENERAL NOTES
S0.02 SPECIAL INSPECTIONS NOTES AND SCHEDULES
S1.00 FOUNDATION AND FRAMING PLANS
S3.00 SECTIONS AND DETAILS
S5.00 CMF SECTIONS AND DETAILS

MECHANICAL

M0.01 GENERAL NOTES
M2.01 DEMO AND NEW WORK PLAN

ELECTRICAL

E0.01 GENERAL NOTES, SYMBOLS AND ABBREVIATIONS
E1.00 PARTIAL BASEMENT AND FIRST FLOOR PLAN
E1.01 PARTIAL MAIN LOBBY PLAN
E4.00 SCHEDULES

WEST PATENT ELEMENTARY SCHOOL

ARCHITECTURAL

A0.01 FIRST FLOOR KEY PLAN
A2.01 DEMO AND PROPOSED PLAN AND DETAILS

ELECTRICAL

E0.01 GENERAL NOTES, SYMBOLS, ABBREVIATIONS AND SECURITY VESTIBULE PLAN

POUND RIDGE ELEMENTARY SCHOOL

ARCHITECTURAL

A0.01 GROUND FLOOR AND LOWER FLOOR KEY PLANS
A2.01 PROPOSED PLAN, ELEVATIONS AND DETAILS

ELECTRICAL

E0.01 GENERAL NOTES, SYMBOLS AND ABBREVIATIONS
E2.01 PROPOSED FIRST FL PLAN
E6.01 TECHNOLOGY DETAILS

LOCATION MAP

BHES

BVES

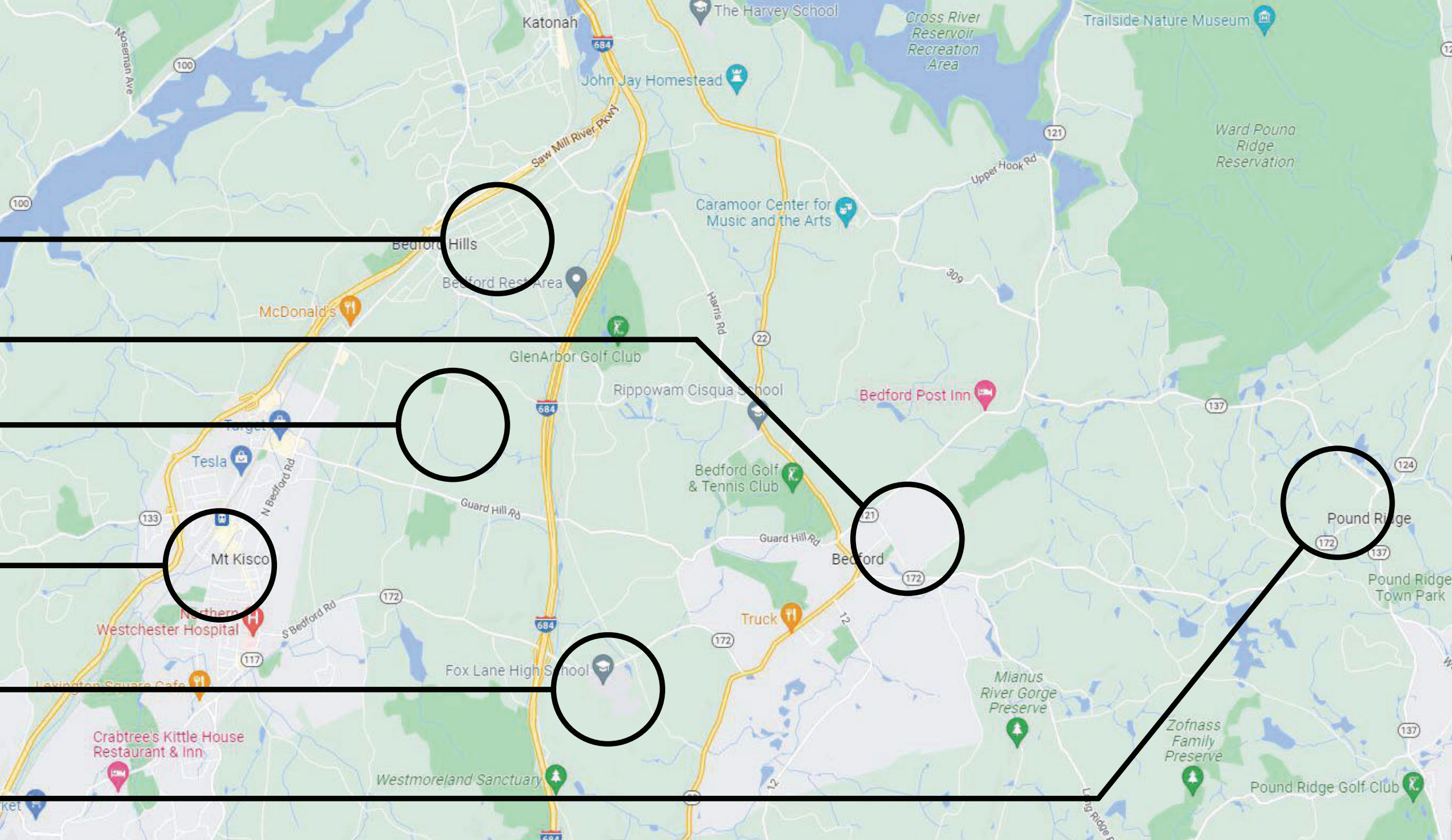
WPES

MKES

FLHS

FLMS

PRES



BBS

ARCHITECTS LANDSCAPE ARCHITECTS ENGINEERS

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ARCHITECTS CERTIFICATION
THE UNDERSIGNED CERTIFIES THAT TO THE BEST OF HIS KNOWLEDGE, INFORMATION, AND BELIEF, THE PLANS AND SPECIFICATIONS ARE IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE, THE NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE, AND THE CONSTRUCTION STANDARDS OF THE EDUCATION DEPARTMENT.

LAWRENCE SALVESEN, A.I.A.

LIC. No. 020623

T0.01

22-225B FLHS

22-225B FLMS

22-225C MKES

22-225D BVES

22-225E BHES

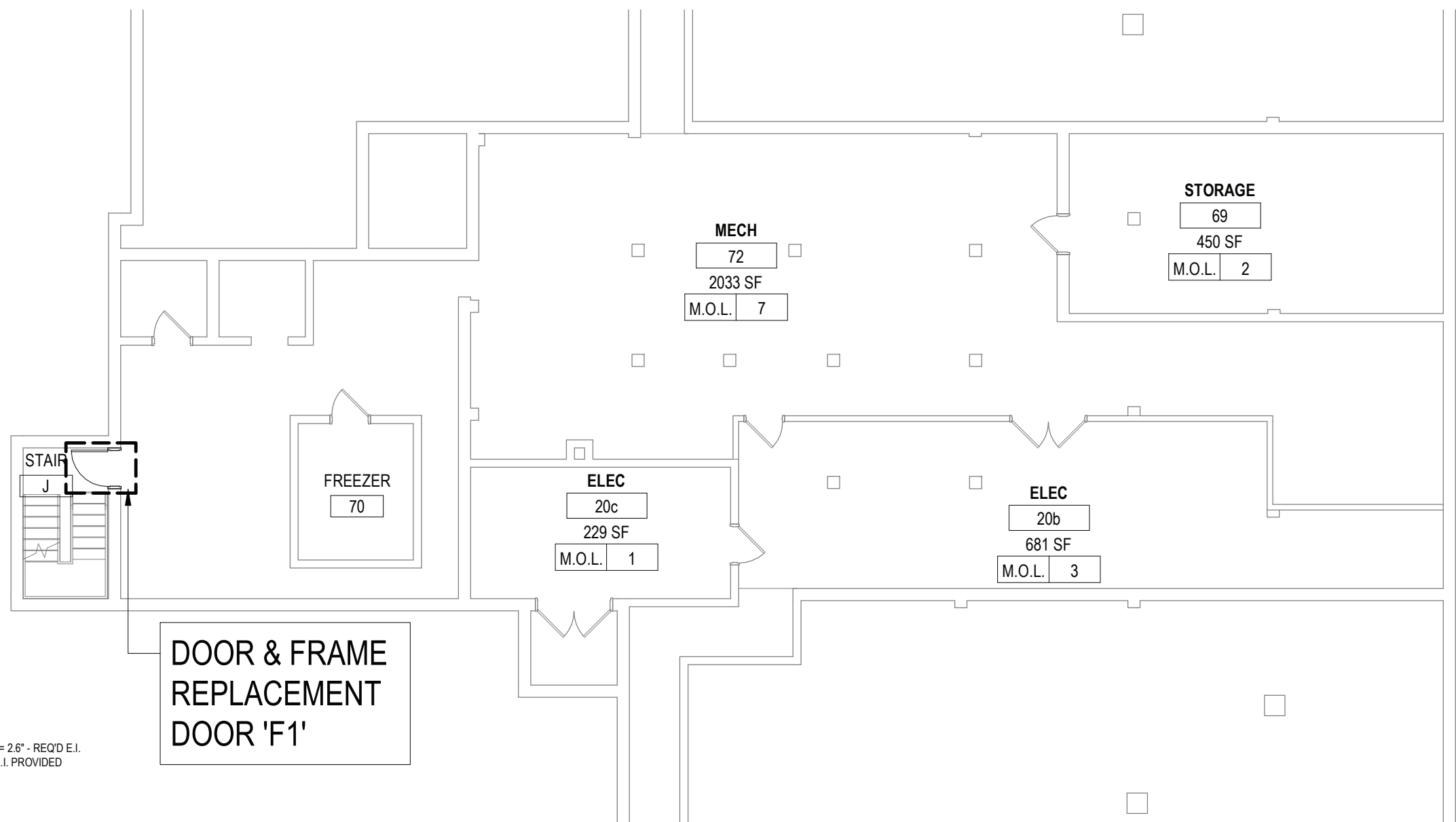
22-225F WPES

BBS FILE No. 22-225G PRES

ISSUED FOR BID: FEBRUARY 2, 2022

1 BASEMENT FLOOR PLAN - AREA C

SCALE: 3/32" = 1'-0"

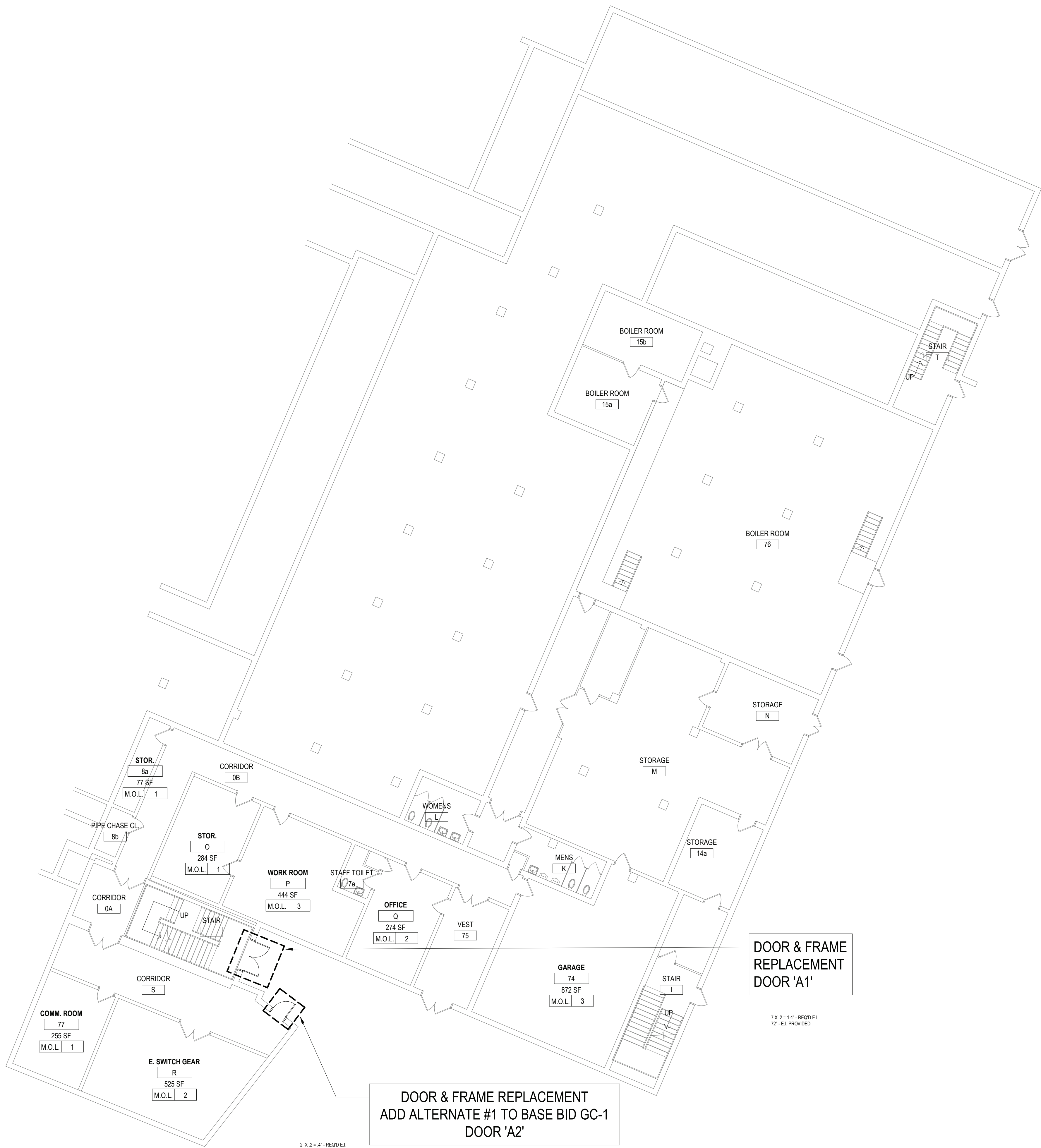


3 BASEMENT FLOOR PLAN - AREA F

SCALE: 3/32" = 1'-0"

2 BASEMENT FLOOR PLAN - AREA B

SCALE: 3/32" = 1'-0"



EXTERIOR DOOR RECONSTRUCTION NOTES

- AT ALL AREAS NOTED FOR REPLACEMENT, G.C. SHALL REMOVE AND DISPOSE OF EXISTING DOORS, FRAMES, AND GLAZING. G.C. SHALL TURN OVER EXISTING DOOR HARDWARE AND SIGNAGE TO OWNER.
- G.C. SHALL PATCH/REPAIR EXISTING INTERIOR/ EXTERIOR FINISHES CAUSED BY FRAME DEMOLITION.
- G.C. SHALL PROVIDE KILN DRIED BLOCKING & SHIMS AS REQ'D FOR NEW FRAME INSTALLATION.
- G.C. SHALL COORD. W/ E.C. FOR REMOVAL AND REINSTALLATION OF EXISTING DOOR CONTACT & ACCESS CONTROL DEVICES AND/OR MOTION DEVICES AS REQ'D FOR DEMOLITION & PROPOSED FRAME. COORDINATE W/ E.C. FOR REINSTALLATION INTEGRAL WITH FRAME & DOOR. G.C. SHALL PAINT EXPOSED CONDUIT TO MATCH DOOR, FRAME, & EXISTING FINISHES.
- G.C. SHALL PROVIDE BACKER RODS AND SEALANT FULL PERIMETER, EACH SIDE OF NEW FRAME. SUBMIT COLOR SAMPLES FOR REVIEW, (TYP).
- G.C. SHALL SCRAPE AND PAINT EXISTING EXPOSED DOOR LINTELS AFTER NEW FRAME INSTALLATION, (TYP).

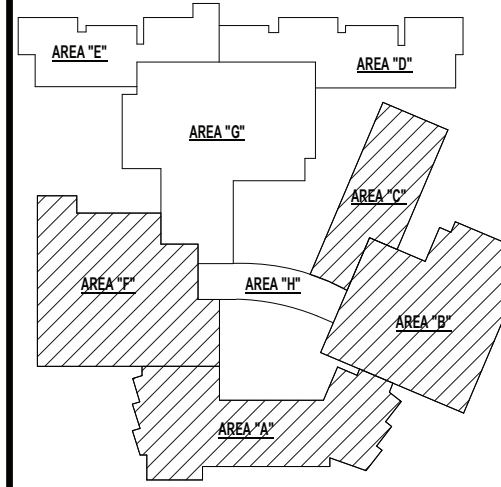
GENERAL CONSTRUCTION NOTES

- GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO BIDDING & PROCEEDING WITH WORK. NOTIFY ARCHITECT OF ANY DISCREPANCIES IN WRITING PRIOR TO START OF WORK.
- IN ACCORDANCE WITH STATE AND LOCAL CODES, THE REQUIRED EXITS IN THE EXISTING BUILDING MUST BE KEPT CLEAR, MAINTAINED AND PROTECTED DURING THE CONSTRUCTION PERIOD.
- CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL DIMENSIONS REQUIRED FOR ESTIMATING.
- ALL WORK AND MATERIAL OF THIS PROJECT AND ADJACENT SURFACES SHALL BE PROTECTED FROM DAMAGE. IN THE EVENT OF DAMAGE, THE CONTRACTOR SHALL IMMEDIATELY MAKE ALL REPAIRS AND REPLACEMENT NECESSARY TO THE APPROVAL OF THE ARCHITECT AND OWNER AND AT NO ADDITIONAL COST TO OWNER.
- CONTRACTOR SHALL PROTECT ALL AREAS OF WORK FROM INCLEMENT WEATHER DURING AND AT THE END OF DAILY WORK OPERATIONS.
- ALL PROJECT WASTE MATERIAL AND RUBBISH SHALL BE DISPOSED IN CONTAINERS PROVIDED BY THE CONTRACTOR FOR SUBSEQUENT LEGAL OFF-SITE DISPOSAL. CONTAINER LOCATION TO BE COORDINATED WITH THE OWNER & CONSTRUCTION MANAGER. OFF-SITE DISPOSAL TO BE ON A REGULAR BASIS.
- ALL INTERIOR SURFACES DISTURBED DURING CONSTRUCTION SHALL BE REPAIRED AND/OR REPLACED TO MATCH EXISTING CONDITIONS TO THE APPROVAL OF THE ARCHITECT AND OWNER.
- ALL DEBRIS, DUST AND DIRT CAUSED BY WORK OF THIS CONTRACT SHALL BE REMOVED FROM SITE BY APPROPRIATE MEANS. RESTORE ALL CONDITIONS TO THE STATE OF CLEANLINESS THAT EXISTED PRIOR TO COMMENCEMENT OF WORK.
- ALL DEMOLITION AND CONSTRUCTION WORK TO BE PERFORMED WITHOUT INTERRUPTION OF OWNER OPERATIONS. IF INTERRUPTION IS NECESSARY, WORK MUST NOT PROCEED UNTIL WRITTEN APPROVAL HAS BEEN OBTAINED FROM OWNER.
- ALL CONTRACTORS ARE TO COORDINATE INSTALLATION OF THEIR WORK WITH EACH OTHER AND WITH THE WORK BEING PERFORMED UNDER SEPARATE CONTRACTS BY OTHERS.

REV.	DATE	ITEM

NOTICE

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KEY PLAN

NO SCALE

BEDFORD CENTRAL SCHOOL DISTRICT
PHASE 1A - BOND IMPROVEMENTS
FOX LANE HIGH SCHOOL
632 S BEDFORD RD, BEDFORD, NY 10506

BASEMENT KEY PLAN

PROJECT

DWG/TITLE

DRWG. BY: C.M.
CHK. BY: G.E.O.

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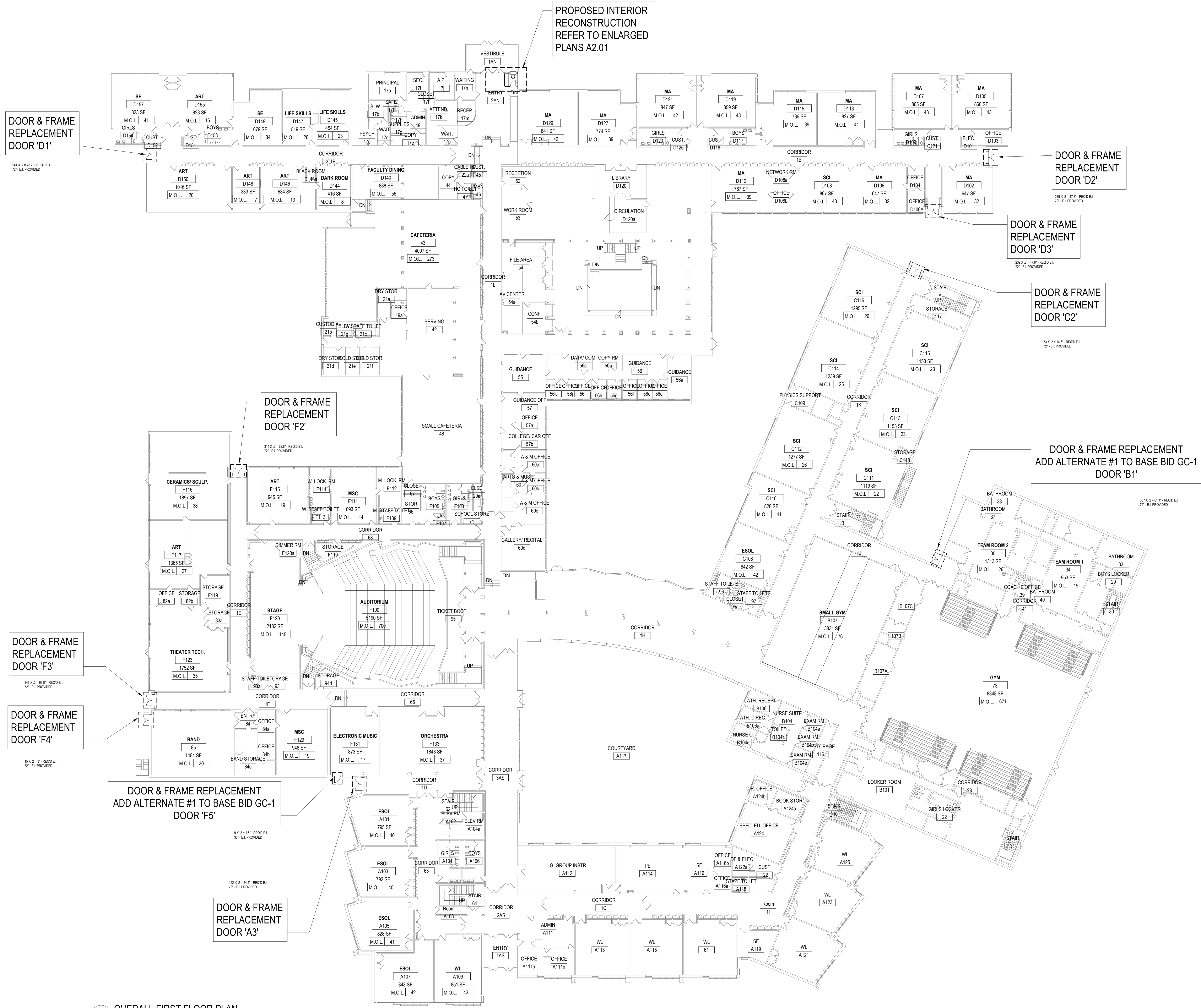
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SED NO. 66-01-02-06-0-003-021
DISTRICT BEDFORD CENTRAL SCHOOL DISTRICT
PROJECT PHASE 1A - BOND IMPROVEMENTS
DWG TITLE BASEMENT KEY PLAN
SCALE: AS NOTED
DATE:
BID PAU DATE: 2/2/2023 9:45:06 AM
FILE NO. 22-225A

A0.01

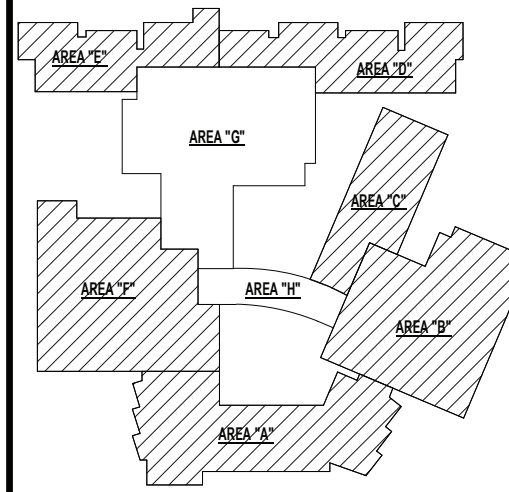
FLHS



REV.	DATE	ITEM

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KEY PLAN

NO SCALE

PROJECT

BEDFORD CENTRAL SCHOOL DISTRICT
PHASE 1A - BOND IMPROVEMENTS
FOX LANE HIGH SCHOOL
632 S BEDFORD RD, BEDFORD, NY 10506

DWG TITLE

FIRST FLOOR KEY PLAN

DRWG. BY: C.M.
CHK. BY: G.E.O.

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SER. NO. 66-01-02-06-0-003-021

DISTRICT BEDFORD CENTRAL SCHOOL DISTRICT

PROJECT PHASE 1A - BOND IMPROVEMENTS

DWG TITLE FIRST FLOOR KEY PLAN

SCALE: AS NOTED

DATE:

BID PAU DATE: 2/2/2023 9:45:12 AM

FILE NO. 22-225A

A0.02 **FLHS**



1 OVERALL SECOND FLOOR
SCALE: 3/64" = 1'-0"

REV.	DATE	ITEM

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PROJECT

BEDFORD CENTRAL SCHOOL DISTRICT
PHASE 1A - BOND IMPROVEMENTS
FOX LANE HIGH SCHOOL
632 S BEDFORD RD, BEDFORD, NY 10506

DWG TITLE

SECOND FLOOR KEY PLAN

DRWG. BY:	C.M.
CHK. BY:	G.E.O.

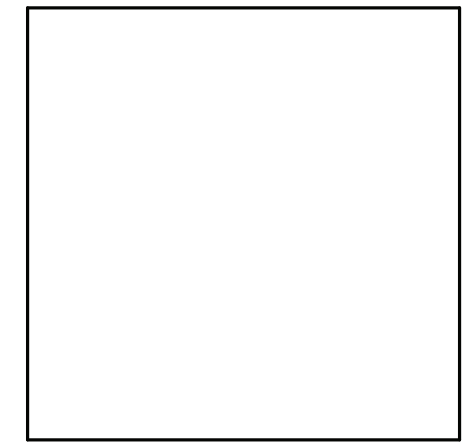
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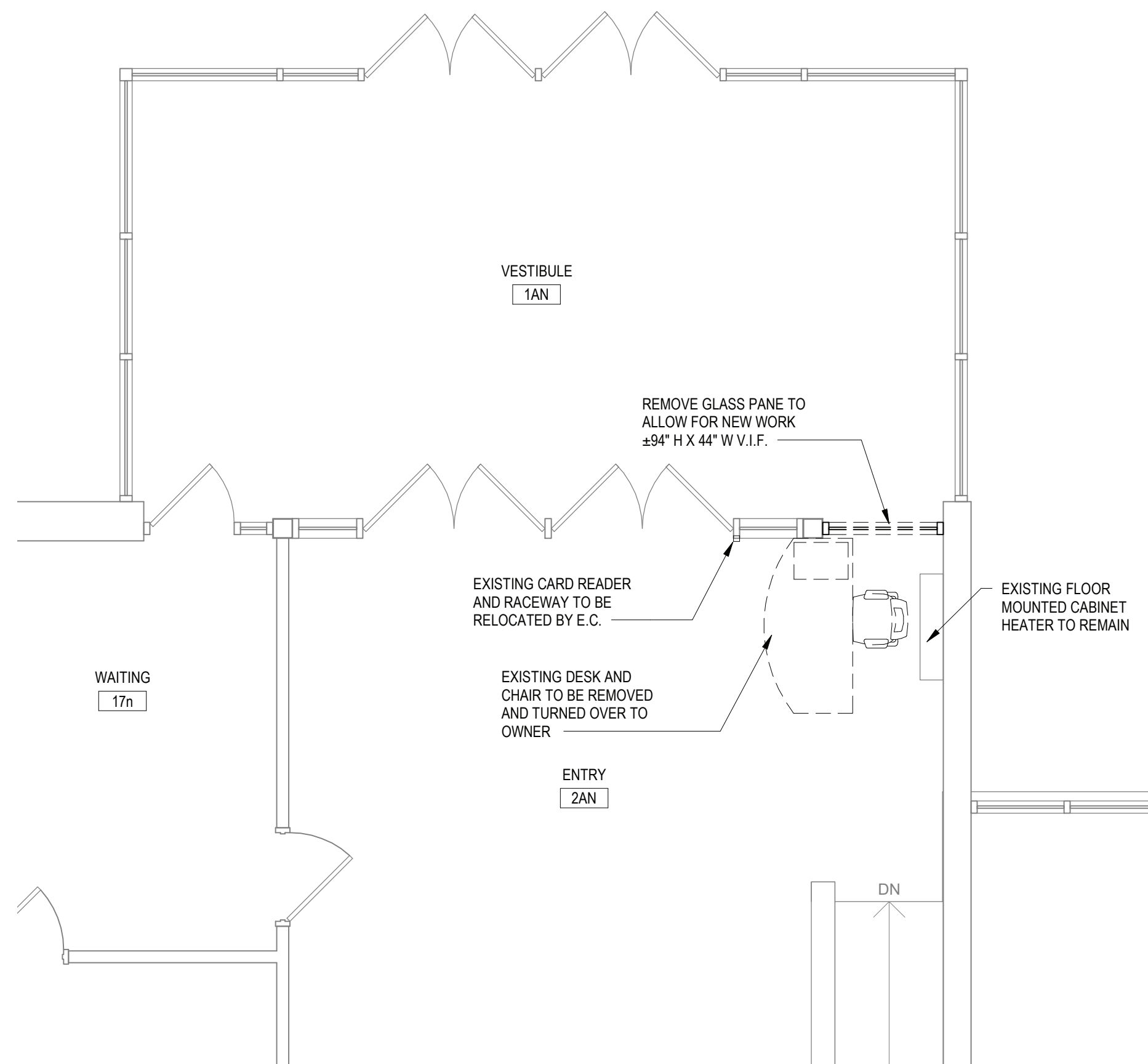
SED. NO.	66-01-02-06-0-003-021
DISTRICT	BEDFORD CENTRAL SCHOOL DISTRICT
PROJECT	PHASE 1A - BOND IMPROVEMENTS
DWG TITLE	SECOND FLOOR KEY PLAN
SCALE:	AS NOTED
DATE:	
BID PAU DATE:	2/2/2023 9:45:14 AM
FILE NO.	22-225A

A0.03 FLHS

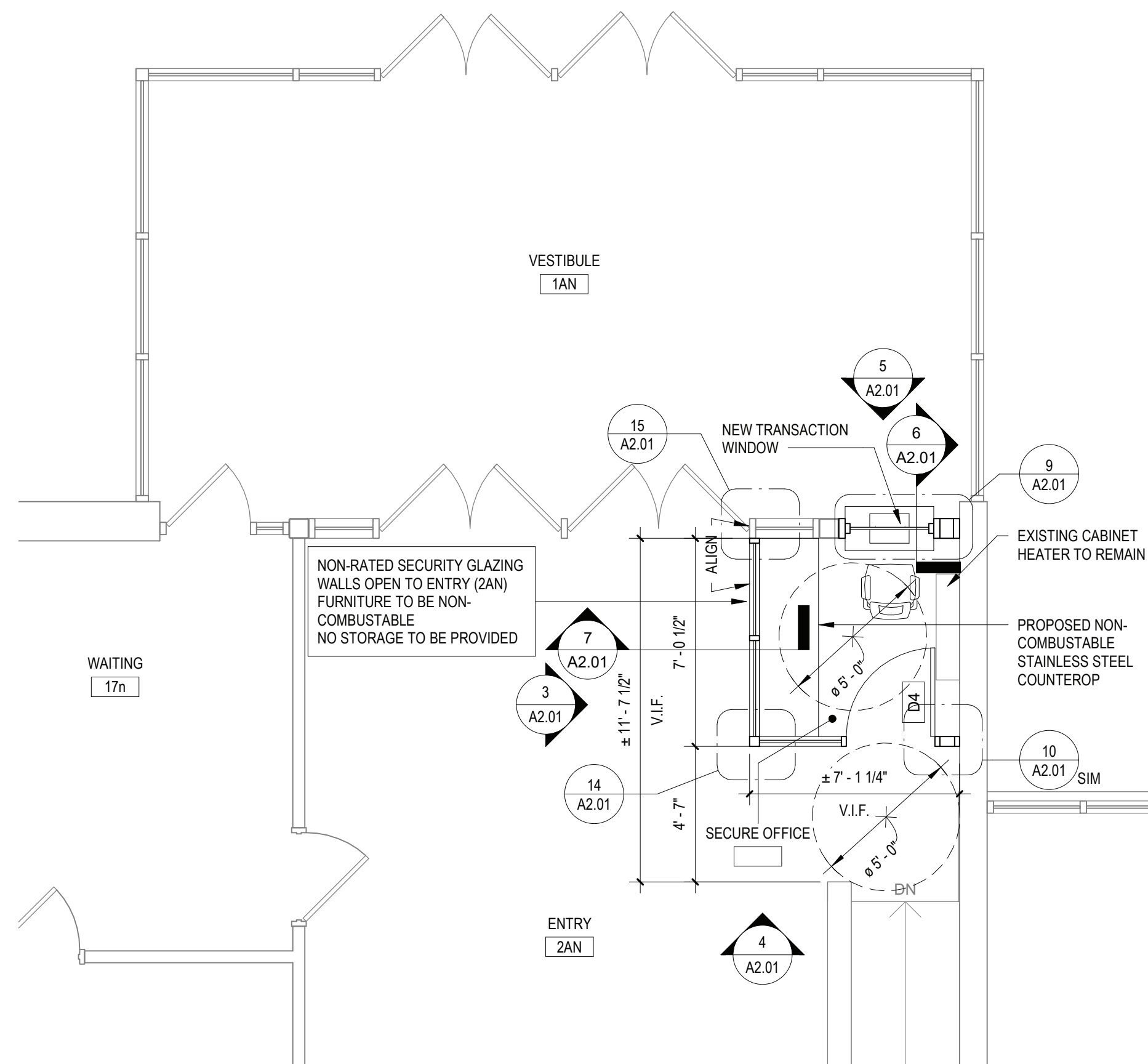


1 OVERALL
SCALE: 3/64" = 1'-0"

A0.04	FLHS
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1 VESTIBULE DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



2 VESTIBULE PROPOSED PLAN
SCALE: 1/4" = 1'-0"

SECURITY FRAMED ENTRANCE AND STOREFRONT NOTES

ALL PROPOSED SECURITY FRAMED DOORS & STOREFRONTS SHOWN ON THIS DRAWING SHALL BE BASED UPON ACTION BULLET OR ARCHITECT APPROVED EQUAL.

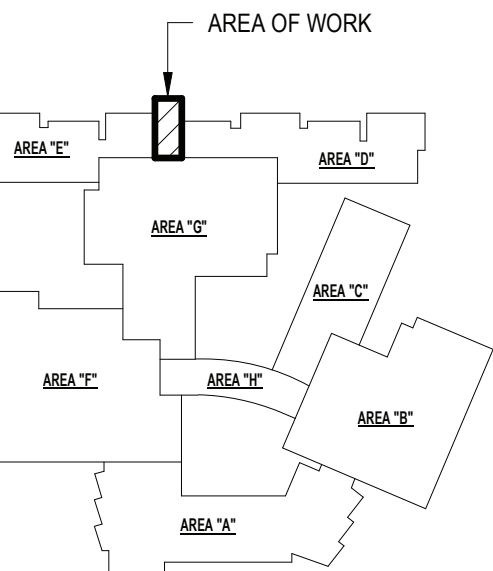
GLAZING NOTES

ALL PROPOSED GLAZING NOTED THIS DRAWING SHALL BE LEVEL III BULLET RESISTANT GLAZING AS MANUFACTURED BY "ACTION BULLET"

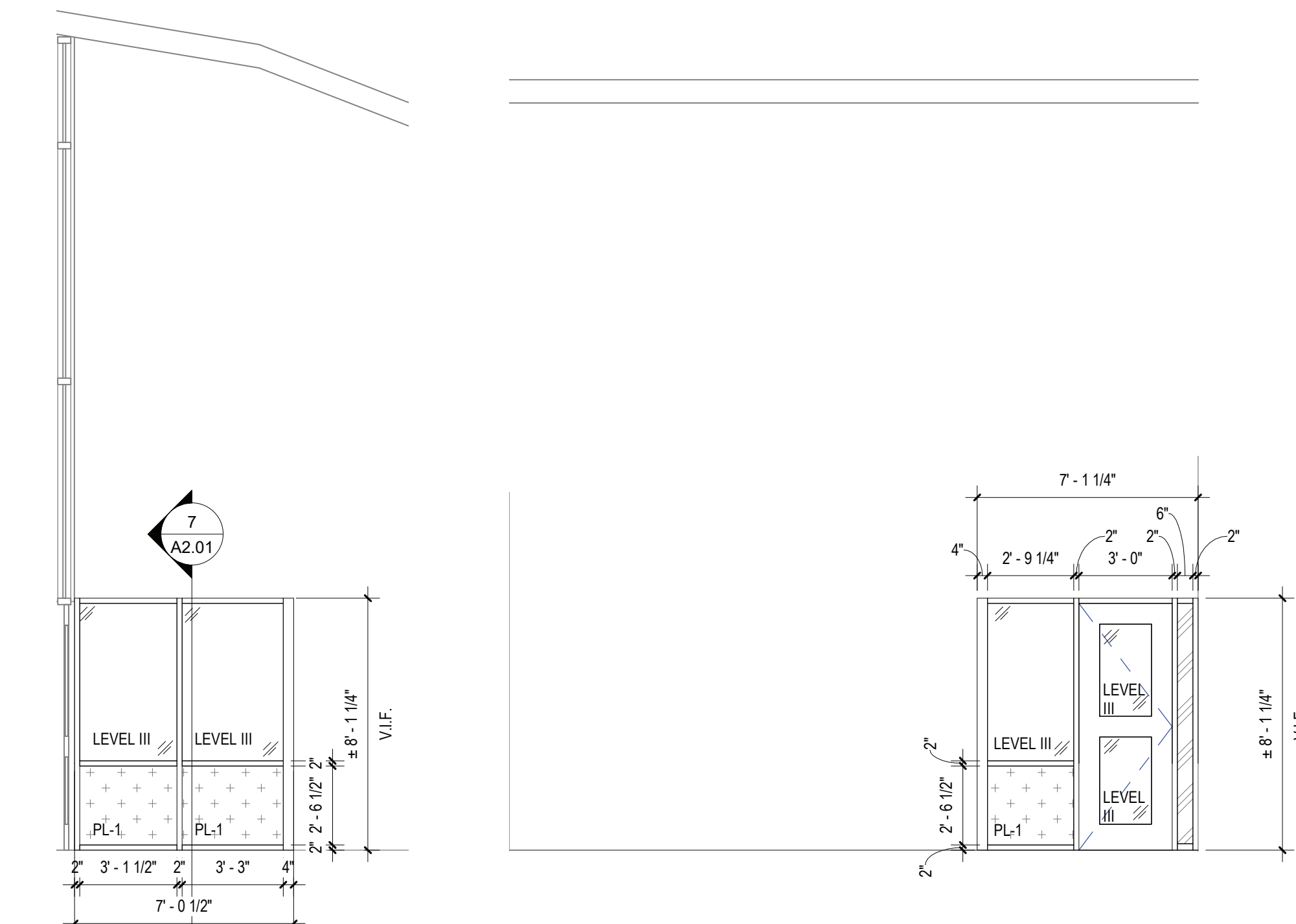
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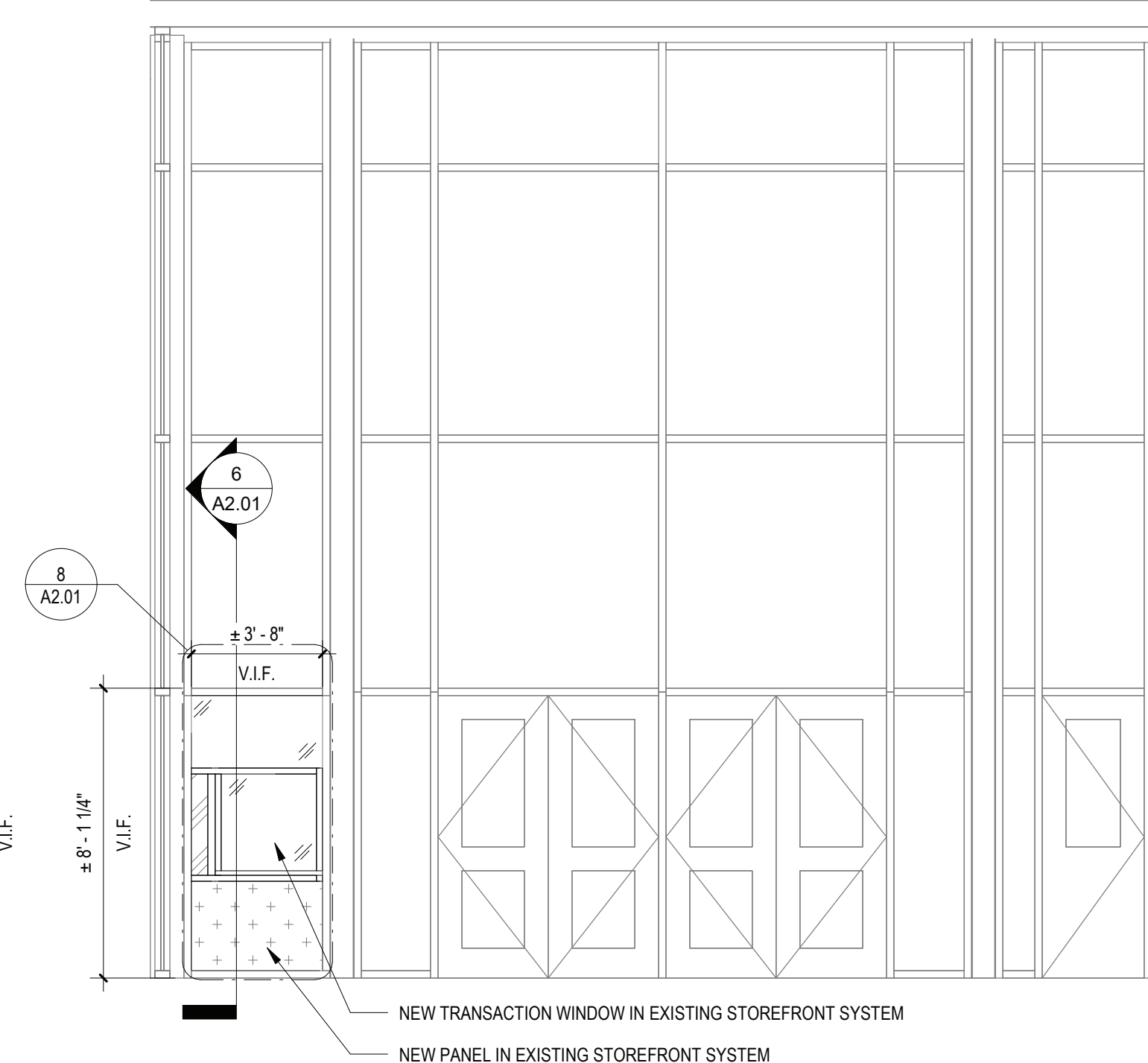


KEY PLAN
NO SCALE

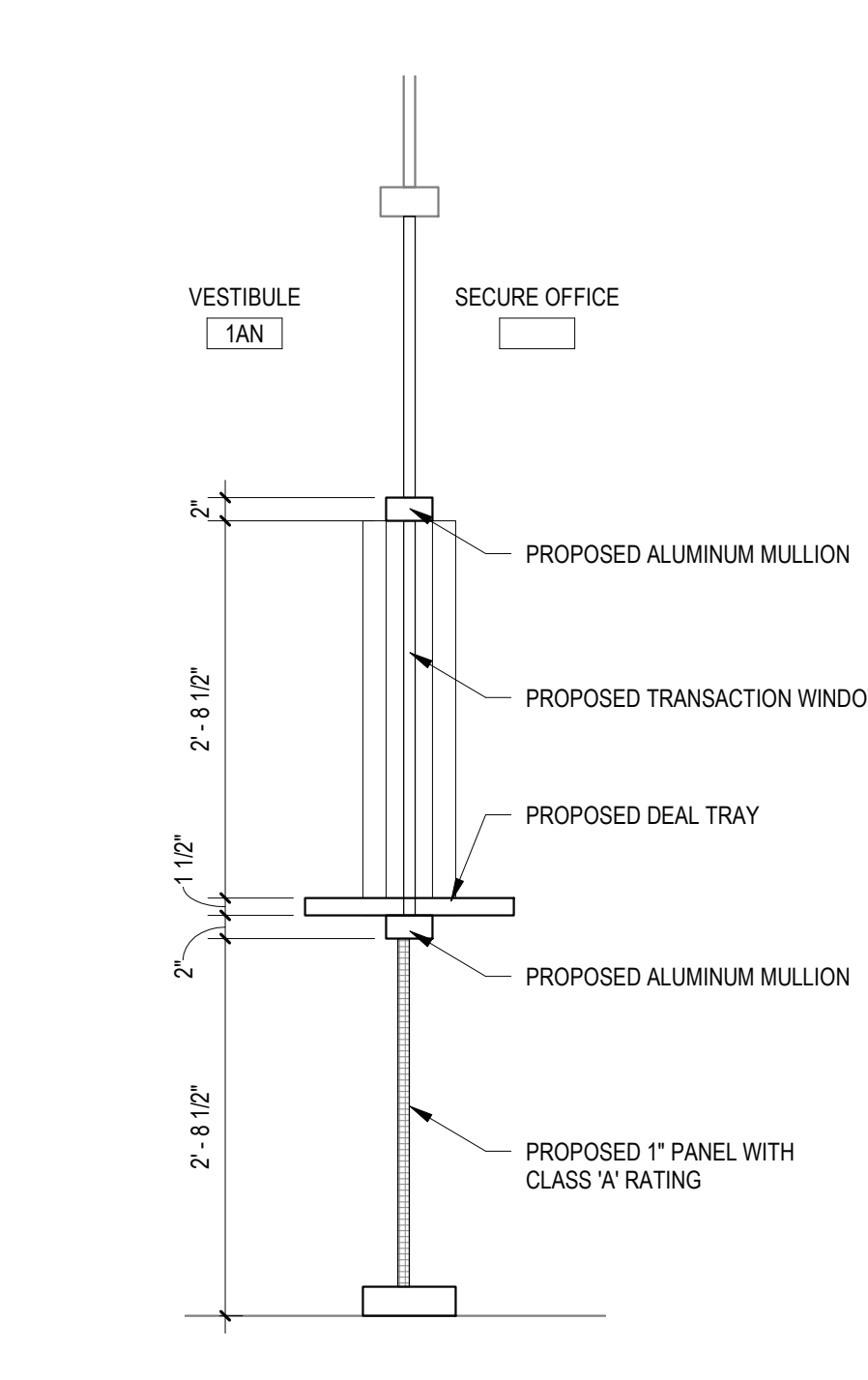


3 VESTIBULE ELEVATION
SCALE: 1/4" = 1'-0"

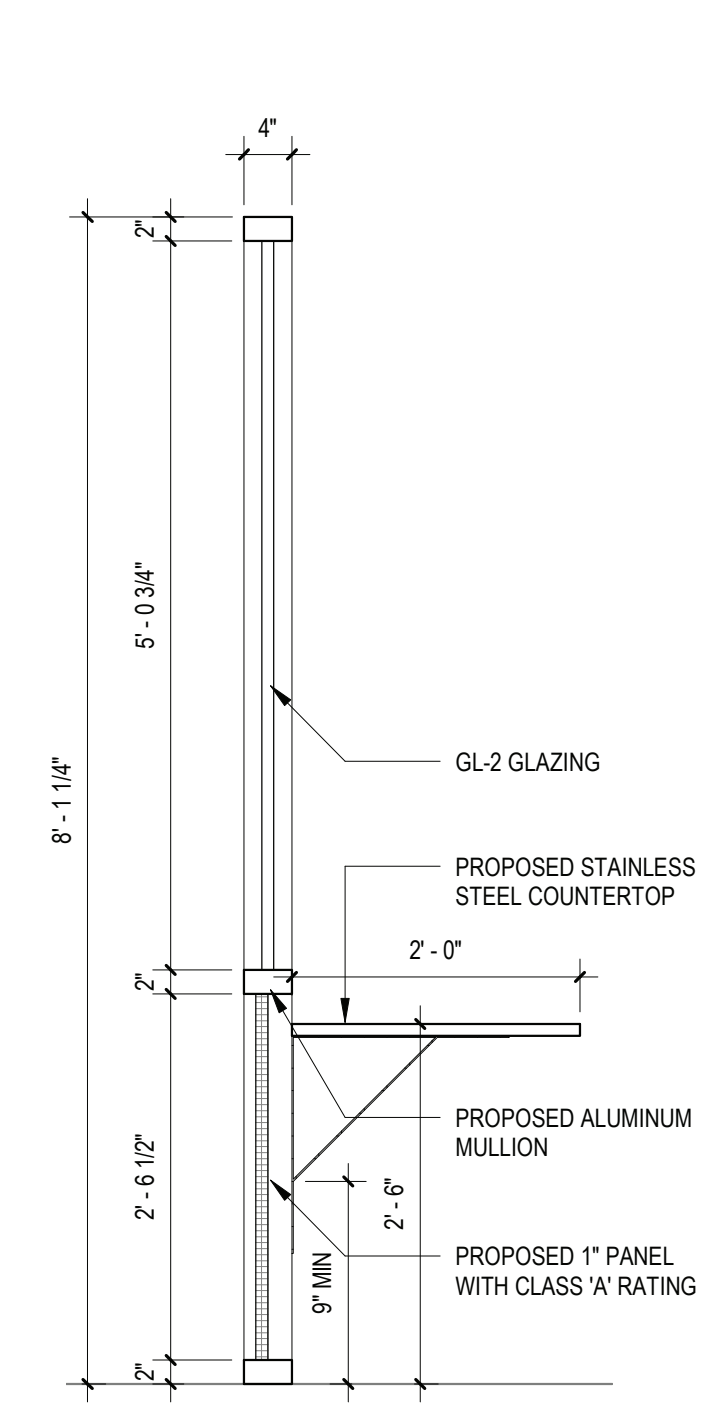
4 VESTIBULE ELEVATION
SCALE: 1/4" = 1'-0"



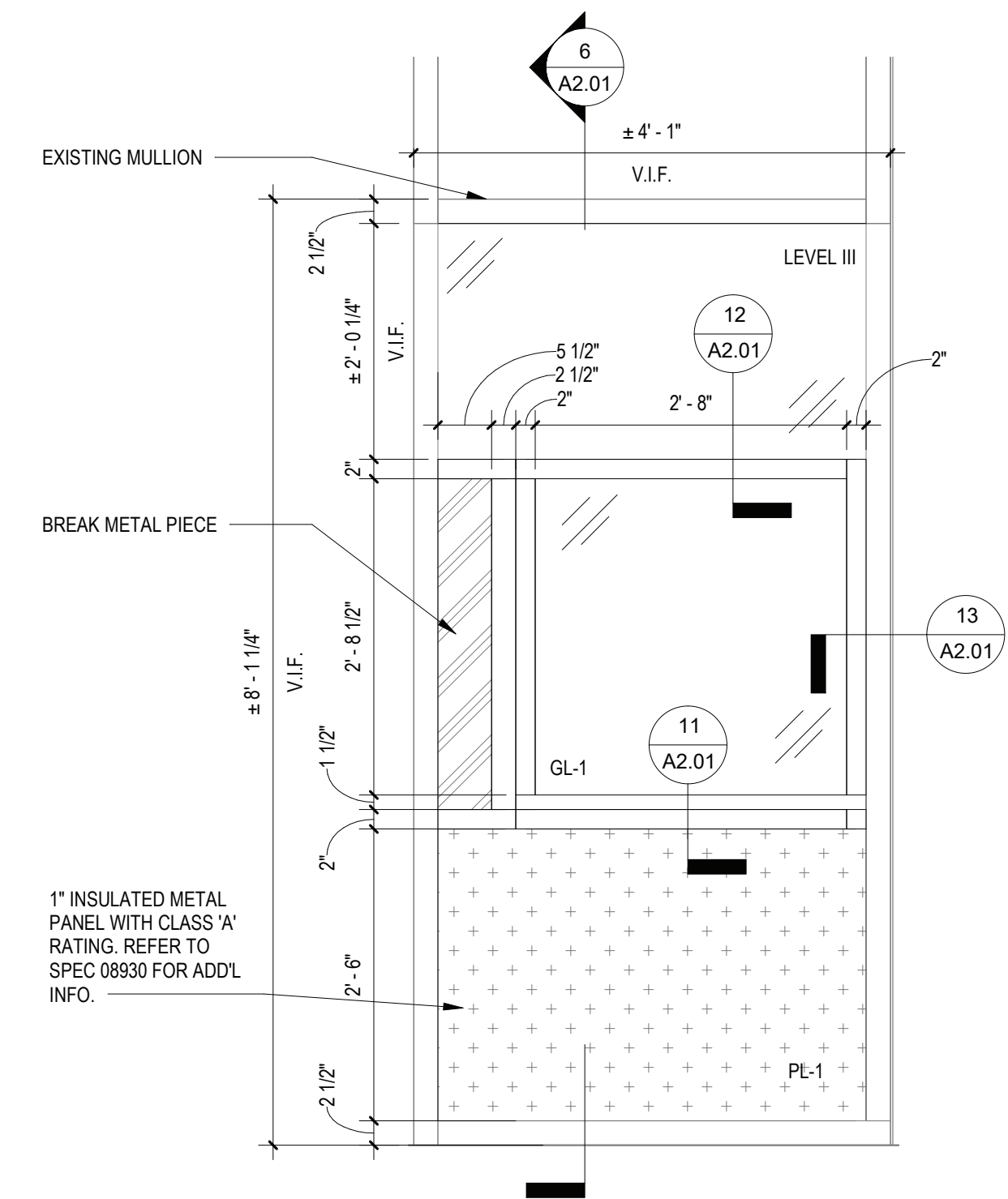
5 VESTIBULE ELEVATION
SCALE: 1/4" = 1'-0"



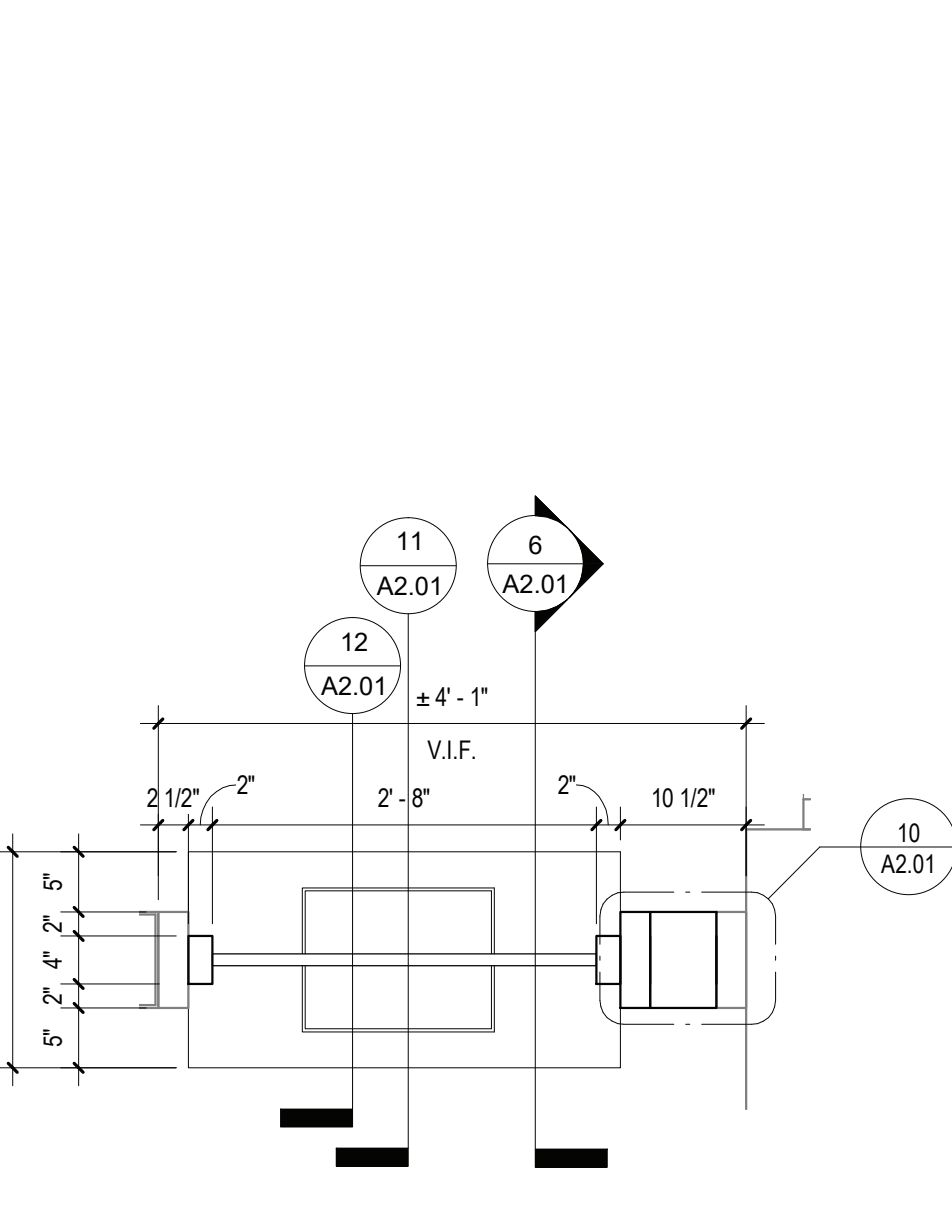
6 TRANSACTION WINDOW SECTION
SCALE: 3/4" = 1'-0"



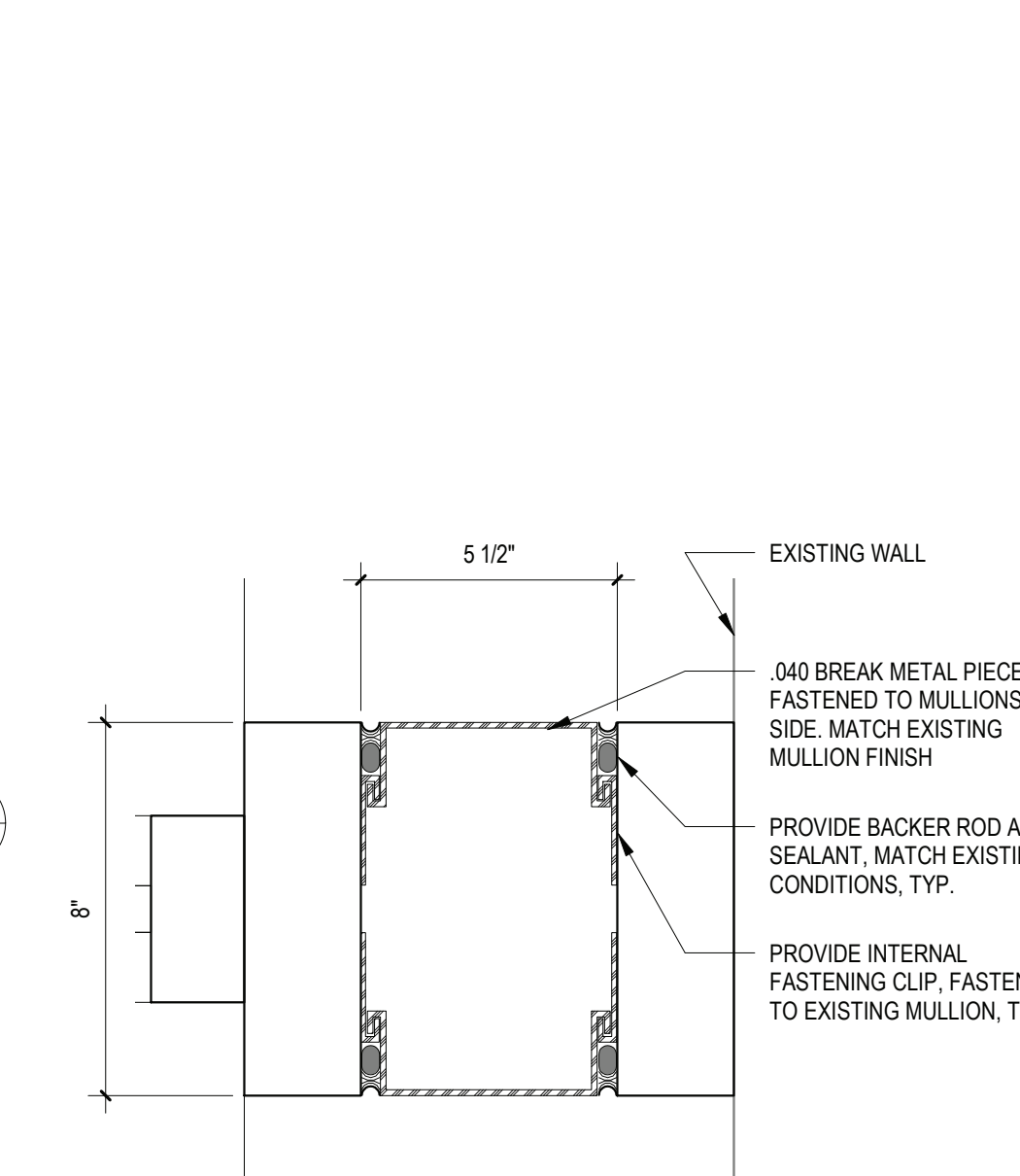
7 STOREFRONT SECTION
SCALE: 3/4" = 1'-0"



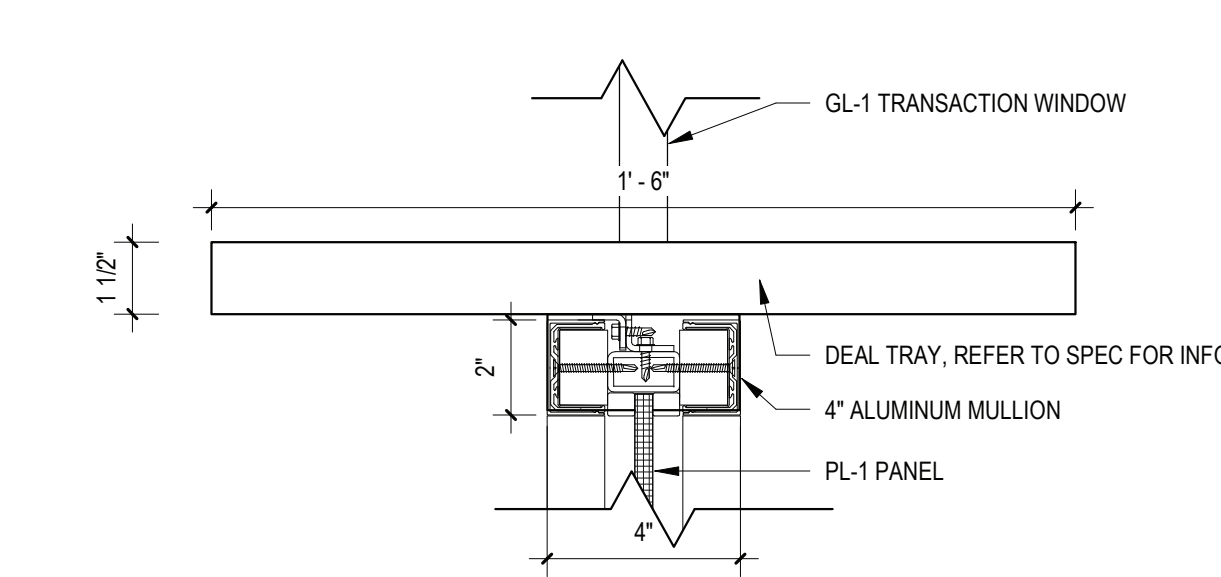
8 ENLARGED TRANSACTION WINDOW ELEVATION
SCALE: 3/4" = 1'-0"



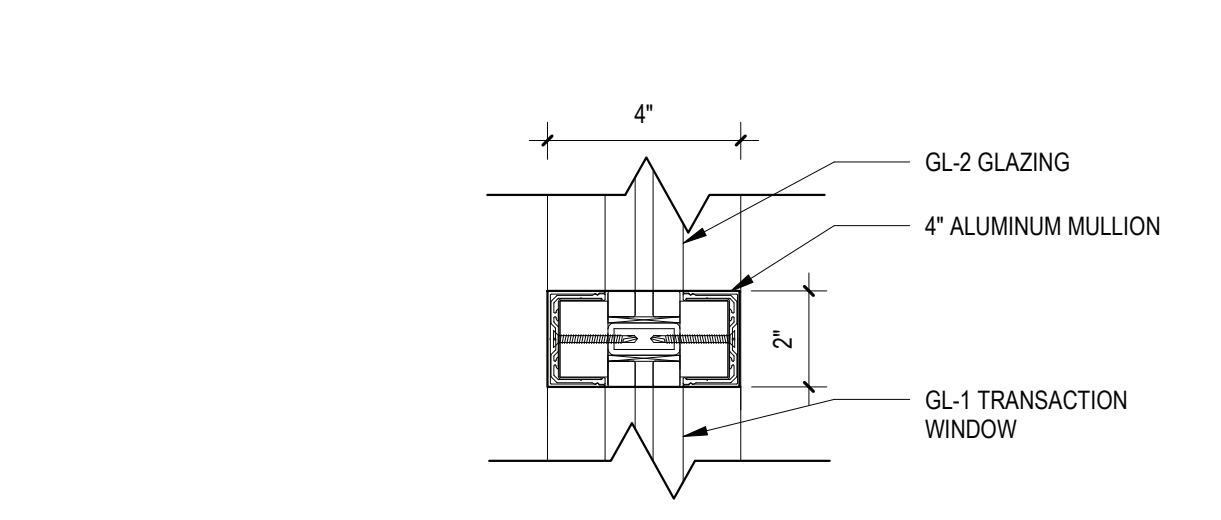
9 TRANSACTION WINDOW PLAN



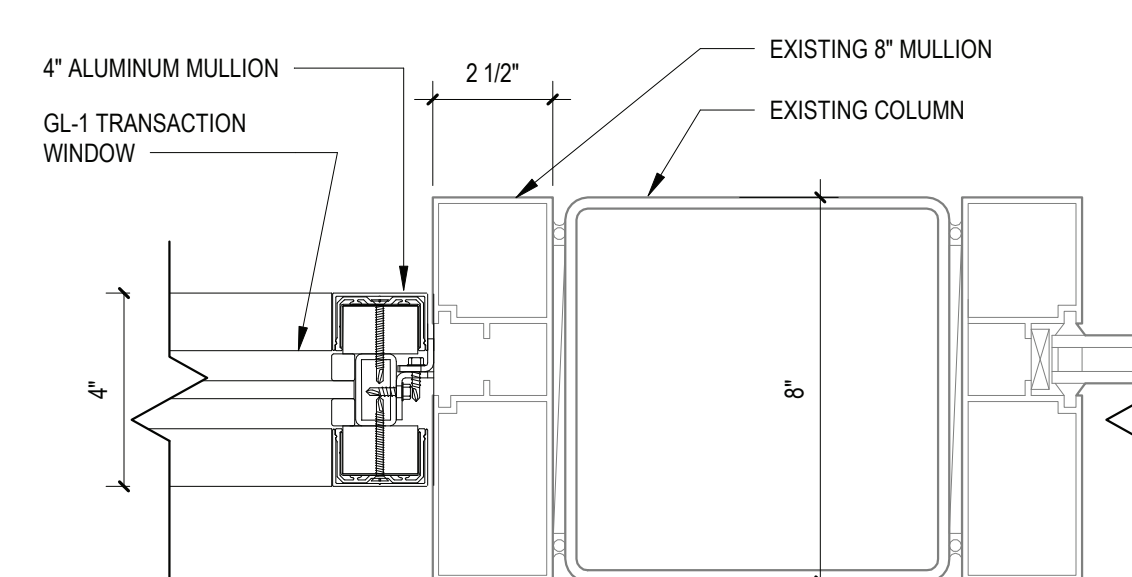
10 PLAN DETAIL



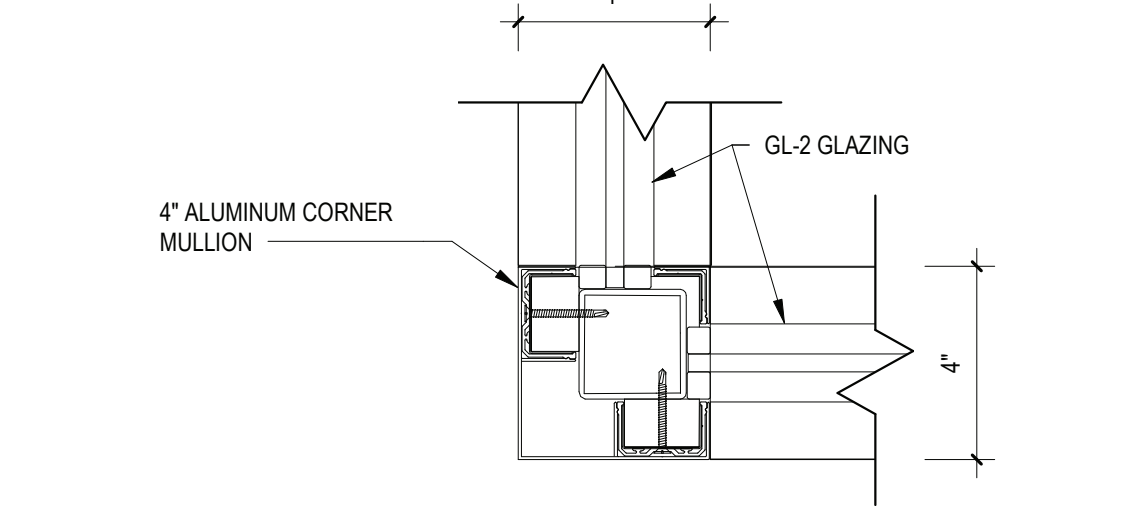
11 MULLION SECTION - SILL
SCALE: 3" = 1'-0"



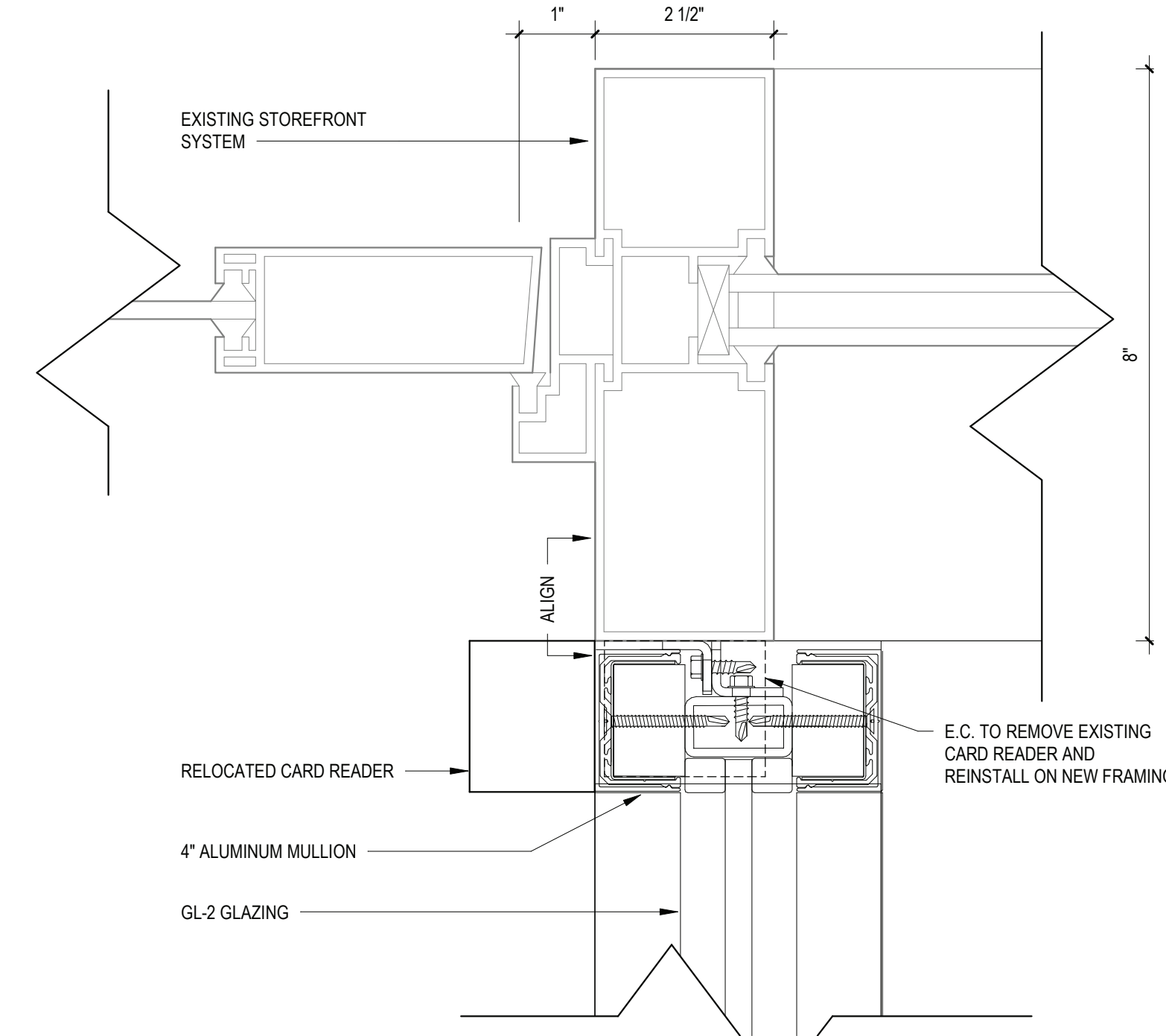
12 MULLION DETAIL - HEAD



13 MULLION DETAIL - JAMB
SCALE: 3" = 1'-0"



14 CORNER MULLION DETAIL



BEDFORD CENTRAL SCHOOL DISTRICT
PHASE 1A - BOND IMPROVEMENTS
FOX LANE HIGH SCHOOL
632 S BEDFORD RD, BEDFORD, NY 10506

PROJECT
DWG TITLE

DWG. BY: C.M.
CHK. BY: G.E.O.

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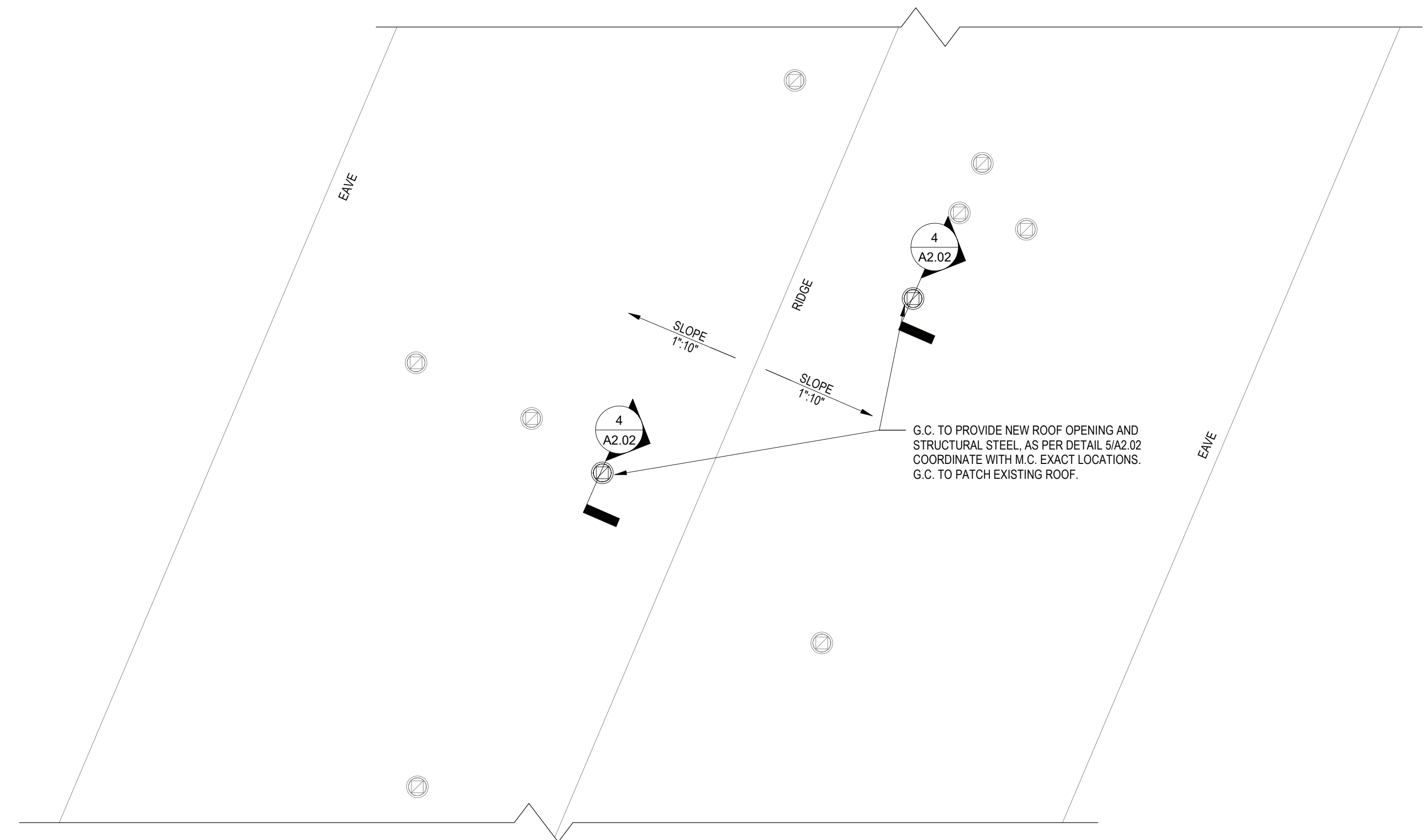
SER. NO. 66-01-02-06-0-003-021
DISTRICT BEDFORD CENTRAL SCHOOL DISTRICT
PROJECT PHASE 1A - BOND IMPROVEMENTS
DWG TITLE VESTIBULE PLANS AND ELEVATIONS
SCALE AS NOTED
DATE 2/2/2023 9:45:20 AM
BID PAU DATE



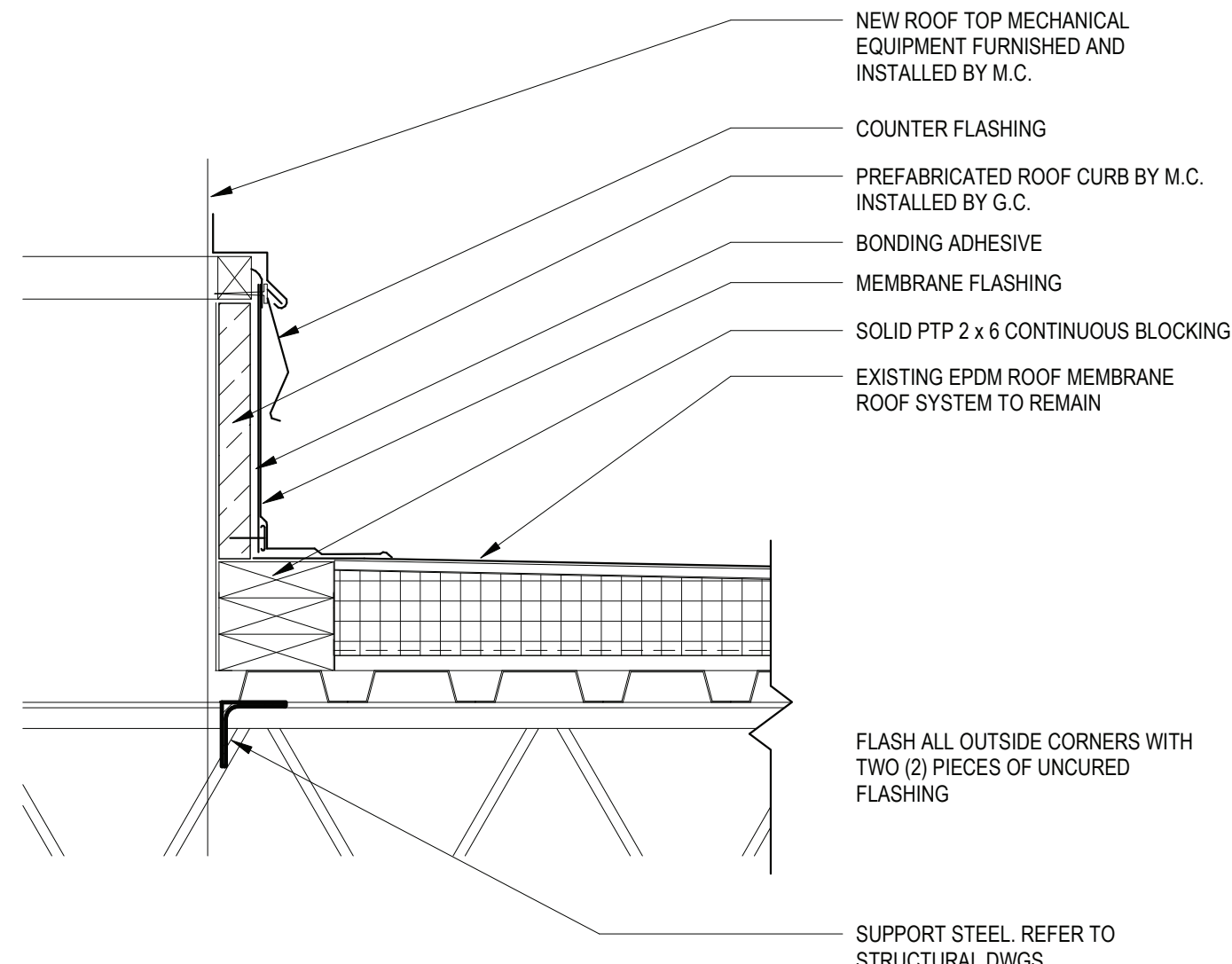
1 SECOND FLOOR - AREA C
SCALE: 1/8" = 1'-0"



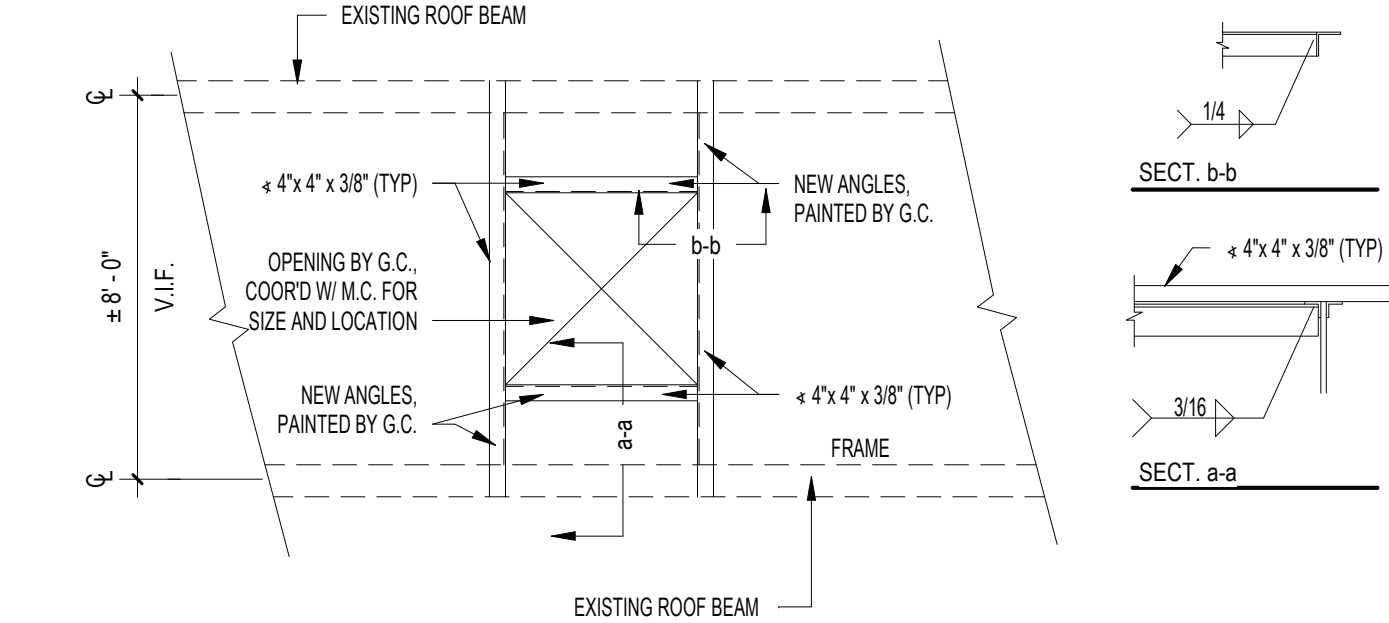
2 THIRD FLOOR PLAN - AREA C
SCALE: 1/8" = 1'-0"



3 ROOF PLAN - AREA C
SCALE: 1/8" = 1'-0"



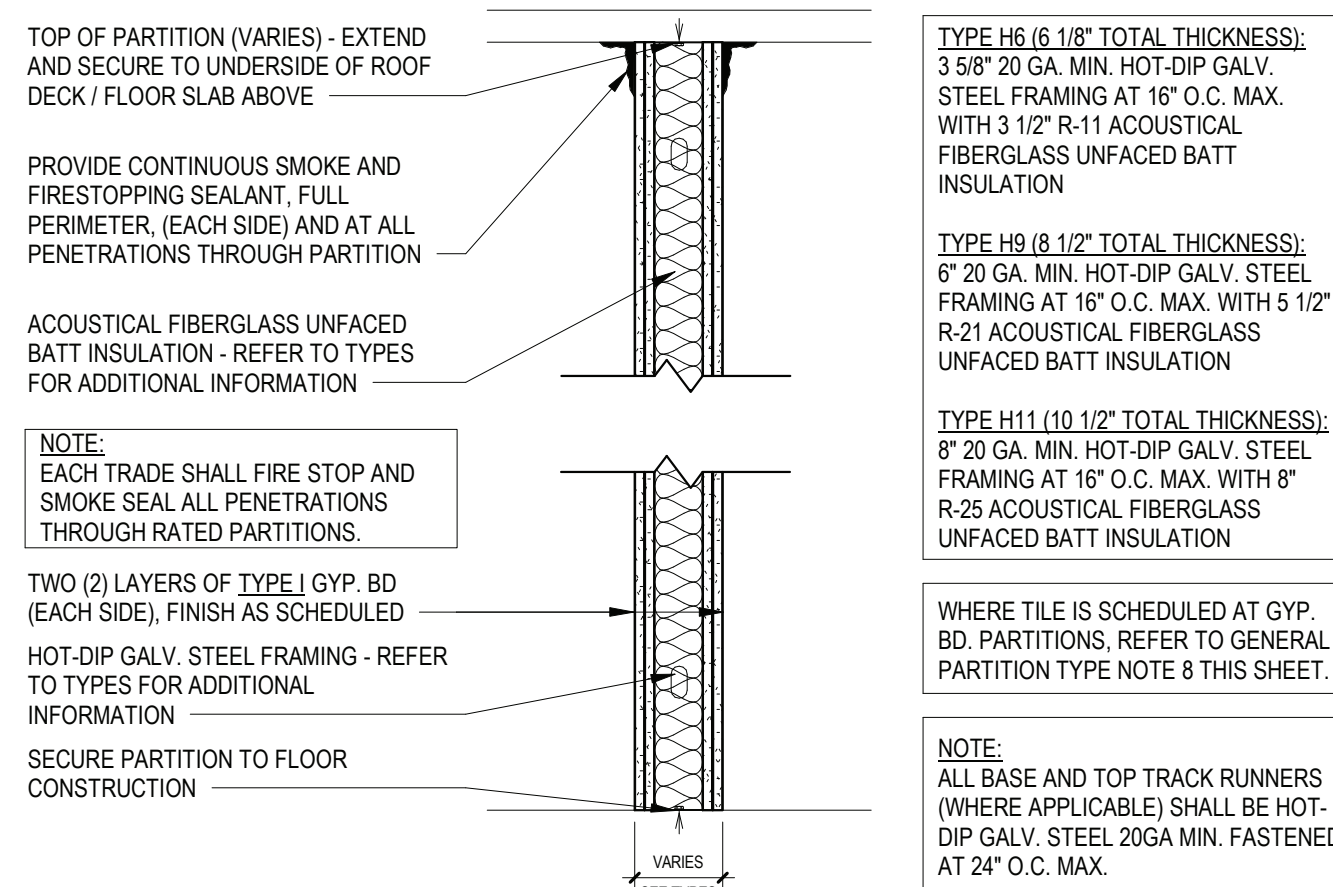
4 TYPICAL EQUIPMENT CURB DETAIL
SCALE: 1 1/2" = 1'-0"



5 TYPICAL ROOF OPENING FRAME DETAIL
SCALE: 1/4" = 1'-0"

REFLECTED CEILING PLAN NOTES

THE REINSTALLED CEILING SHOULD HAVE A FLAME SPREAD 0-25; ANY MATERIAL CLASSIFIED AT 25 OR LESS, AND ANY ELEMENT THEREOF WHICH, WHEN SO TESTED, SHALL NOT CONTINUE TO PROPAGATE FIRE, REGARDLESS OF THE FLAME SPREAD CLASSIFICATION. NO MATERIAL HAVING A SMOKE-DEVELOPED RATING OF 450 OR MORE SHALL BE USED. INTERIOR FINISH MATERIALS SHALL BE CLASSIFIED, IN ACCORDANCE WITH THE RECOGNIZED STANDARD TEST ASTM E-84, NFPA-255.

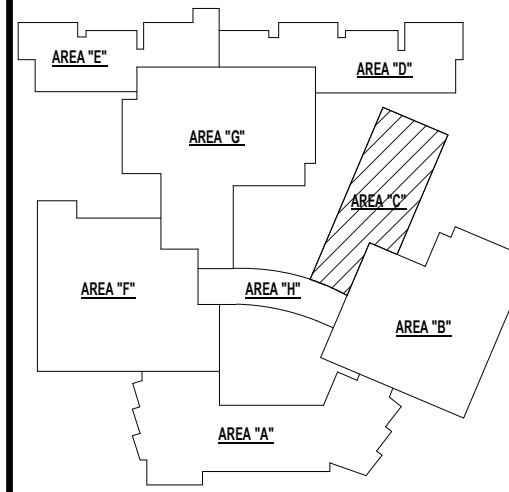


H6	6" NOM. GYP. BD. METAL STUD PARTITION (2-HR RATING)
UL U419 / STC 54, NON-BEARING INTERIOR PARTITION	
H9	9" NOM. GYP. BD. METAL STUD PARTITION (2-HR RATING)
UL U419 / STC 54, NON-BEARING INTERIOR PARTITION	
H11	11" NOM. GYP. BD. METAL STUD PARTITION (2-HR RATING)
UL U419 / STC 54, NON-BEARING INTERIOR PARTITION	

REV.	DATE	ITEM

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KEY PLAN
NO SCALE

BEDFORD CENTRAL SCHOOL DISTRICT
PHASE 1A - BOND IMPROVEMENTS
FOX LANE HIGH SCHOOL
632 S BEDFORD RD. BEDFORD, NY 10506

ENLARGED PLANS - AREA C

PROJECT

DWG TITLE

DRWG. BY: C.M.
CHK. BY: G.E.O.

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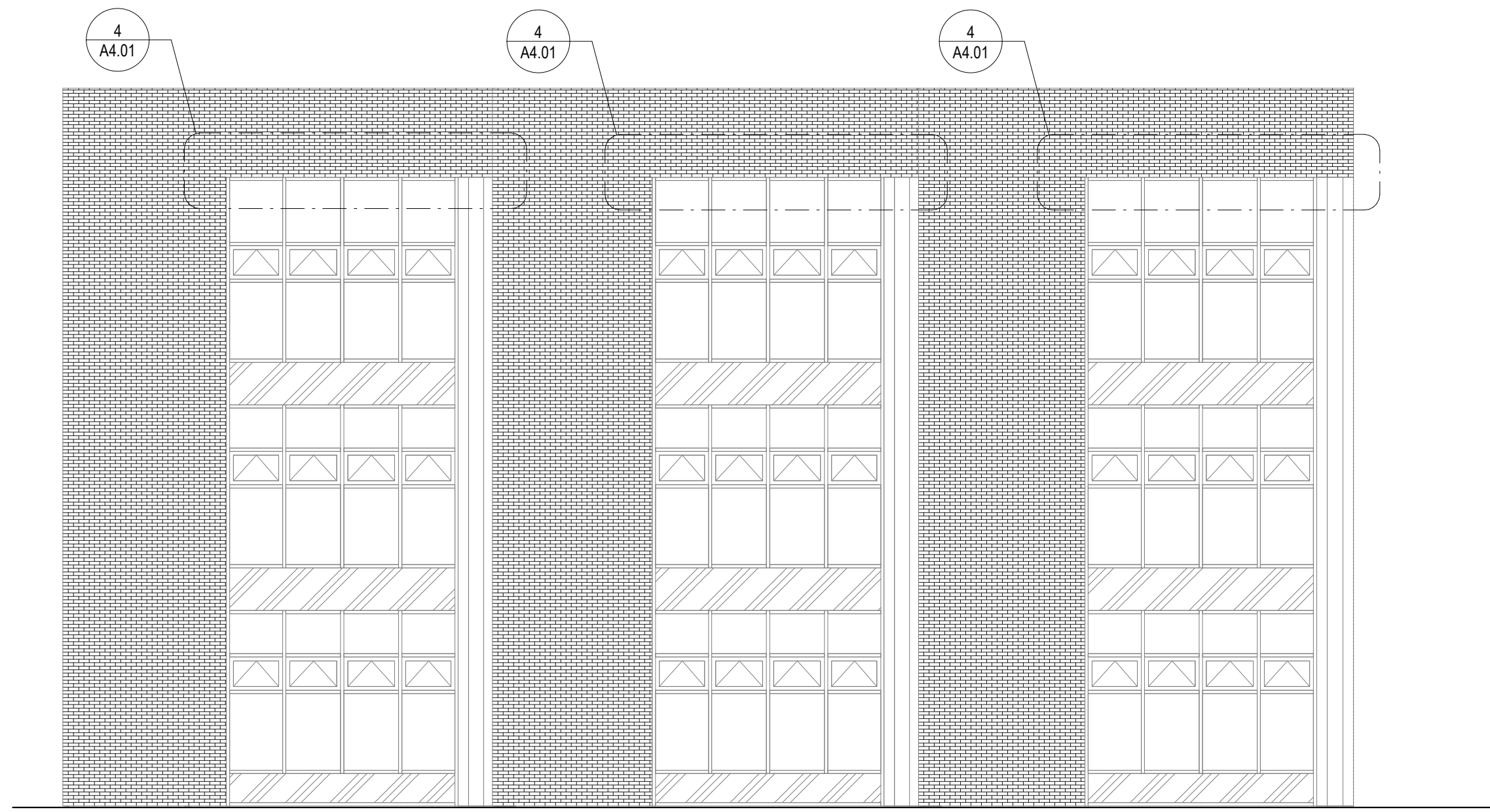
DISTRICT BEDFORD CENTRAL SCHOOL DISTRICT

PROJECT PHASE 1A - BOND IMPROVEMENTS

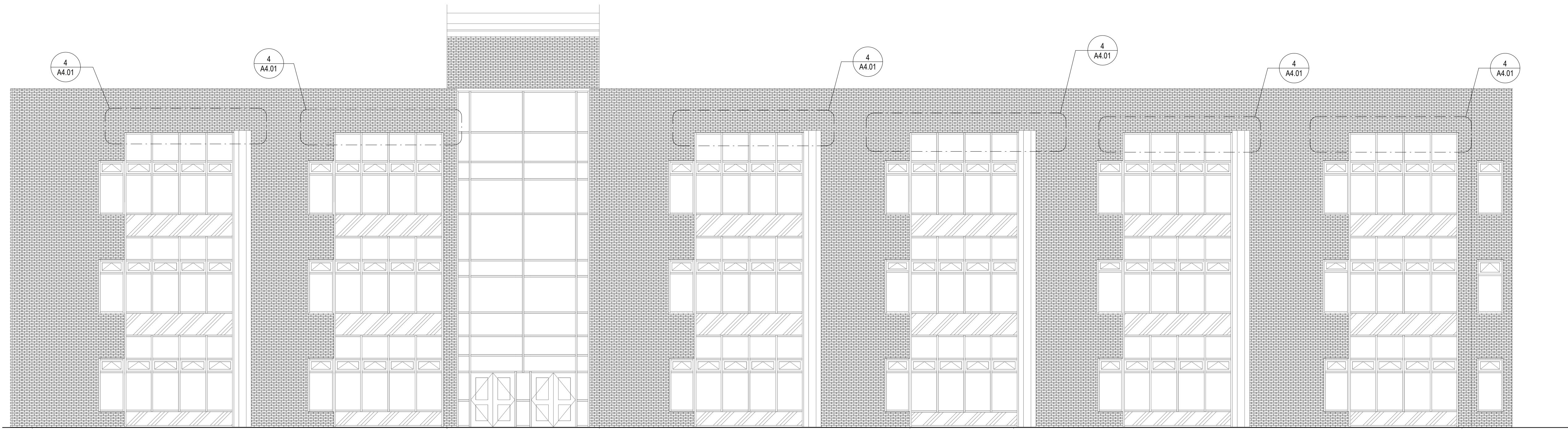
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BID PAU DATE: 2/2/2023 9:45:22 AM
FILE NO. 22-225A

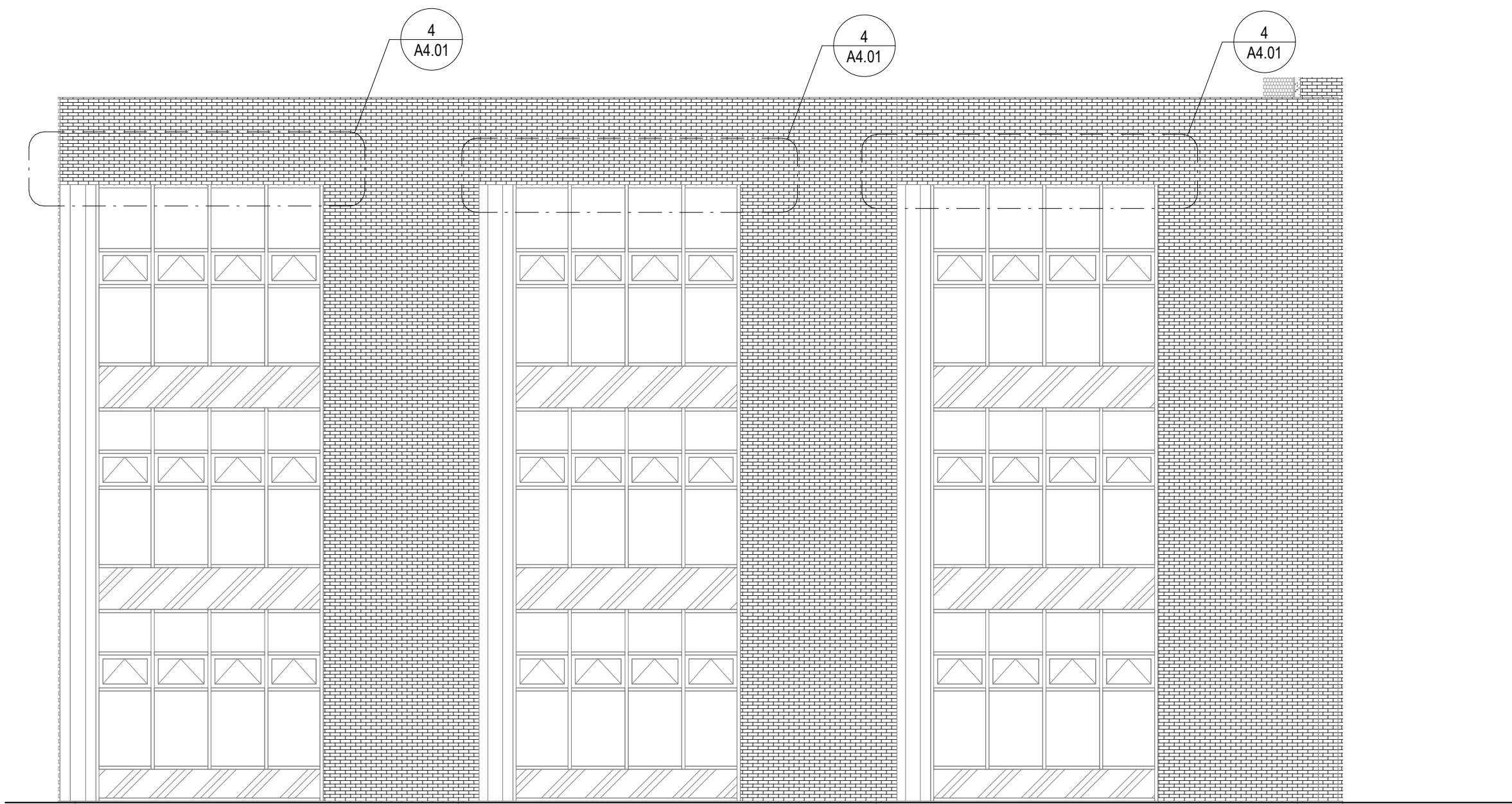
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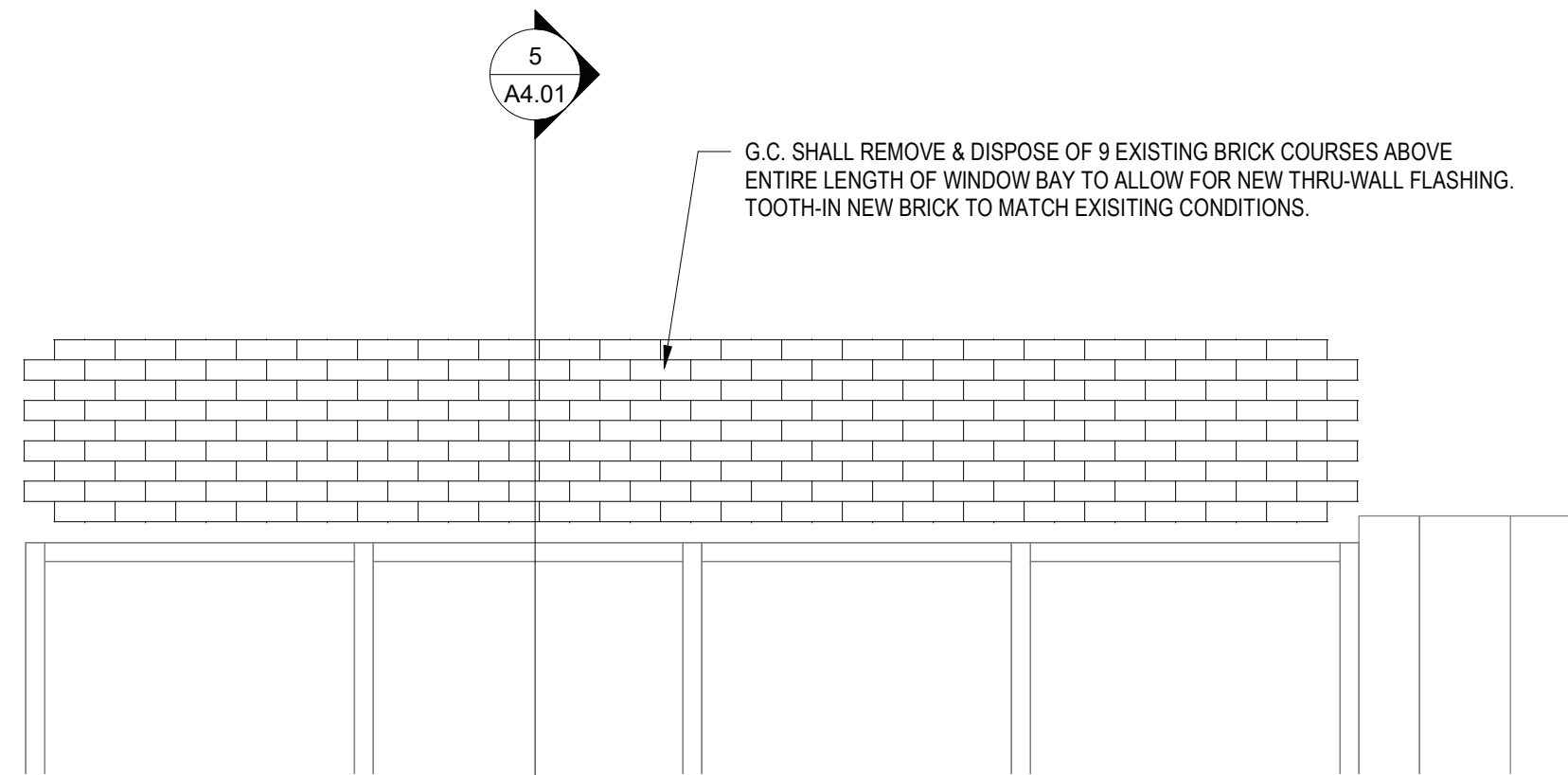
1 EXTERIOR ELEVATION
SCALE: 1/8" = 1'-0"



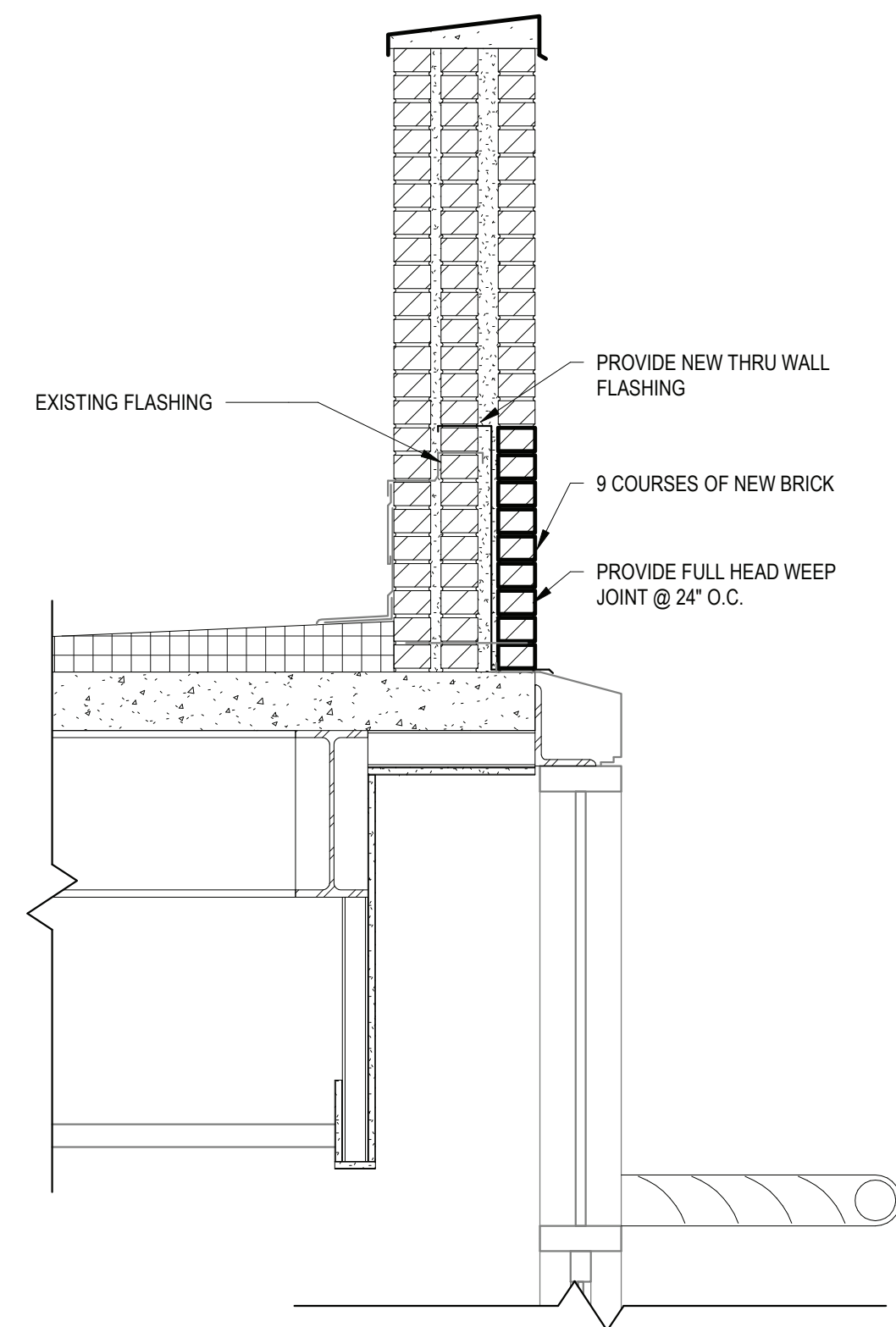
2 EXTERIOR ELEVATION
SCALE: 1/8" = 1'-0"



3 EXTERIOR ELEVATION
SCALE: 1/8" = 1'-0"



4 ENLARGED ELEVATION
SCALE: 1/2" = 1'-0"

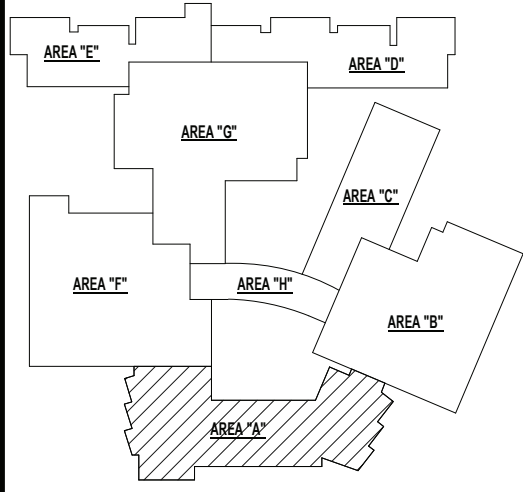


5 WALL SECTION
SCALE: 3/4" = 1'-0"

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KEY PLAN

NO SCALE

BEDFORD CENTRAL SCHOOL DISTRICT
PHASE 1A - BOND IMPROVEMENTS
FOX LANE HIGH SCHOOL
632 S BEDFORD RD, BEDFORD, NY 10506

BRICKWORK ELEVATIONS & SECTIONS

PROJECT

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CHK. BY: G.E.O.

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DISTRICT BEDFORD CENTRAL SCHOOL DISTRICT

PROJECT PHASE 1A - BOND IMPROVEMENTS

DWG TITLE BRICKWORK ELEVATIONS & SECTIONS

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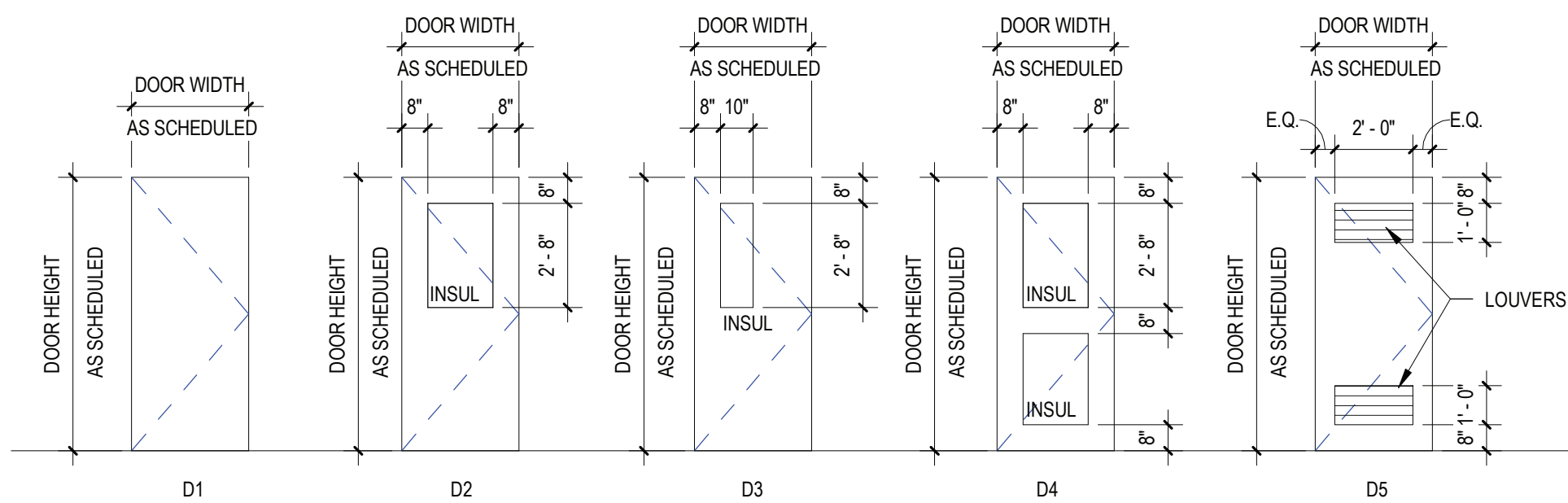
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FILE NO. 22-225A

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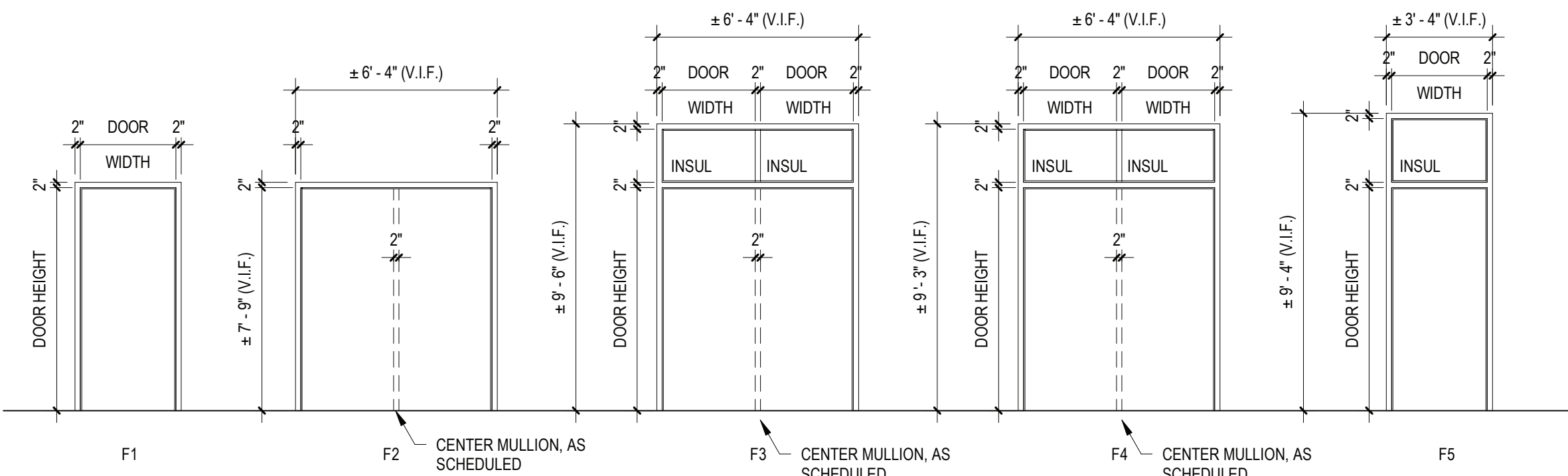
FLHS

DOOR SCHEDULE - FOX LANE HIGH SCHOOL																				
	LOCATION		SIGNAGE	DOOR					FRAME		HARDWARE	DETAILS				FIRE RATING	REMARKS	DOOR NO		
	FROM ROOM	TO ROOM		LEAF	WIDTH	HEIGHT	THICKNESS	TYPE	MATERIAL	GLAZING		TYPE	MATERIAL	GLAZING	HEAD				JAMB	SILL
A1	STAIR	EXTERIOR	---	2	3'-0"	6'-7"	1 3/4"	D2	ALUM	INSUL	F2	ALUM	---	H2	J1	---	T1	---	PROVIDE REMOVABLE MULLION, EXISTING ACCESS CONTROL/ DOOR CONTACT TO BE REUSED	A1
A2	CORRIDOR (S)	EXTERIOR	---	1	3'-0"	7'-0"	1 3/4"	D3	ALUM	INSUL	F1	ALUM	---	H2	---	---	T1	---	ADD ALTERNATE 1 TO BASE BID GC-1	A2
A3	CORRIDOR (10)	EXTERIOR	---	2	3'-6"	7'-0"	1 3/4"	D2	ALUM	INSUL	F4	ALUM	INSUL	H1	J1	---	T1	---	PROVIDE REMOVABLE MULLION, EXISTING ACCESS CONTROL/ DOOR CONTACT TO BE REUSED	A3
B1	CORRIDOR (11)	EXTERIOR	---	2	3'-0"	7'-9"	1 3/4"	D3	ALUM	INSUL	F2	ALUM	---	H3	J2	---	T1	---	ADD/ ALTERNATE 1 TO BASE BID GC-1, PROVIDE REMOVABLE MULLION	B1
C1	WRESTLING RM (D)	EXTERIOR	---	1	3'-0"	6'-11"	1 3/4"	D1	ALUM	---	F1	ALUM	---	H6	J6	---	T2	---	---	C1
C2	CORRIDOR (1K)	EXTERIOR	---	2	3'-0"	6'-11"	1 3/4"	D2	ALUM	INSUL	F4	ALUM	INSUL	H4	J2	---	T1	---	PROVIDE REMOVABLE MULLION, SECURITY ACCESS	C2
D1	CORRIDOR (X-18)	EXTERIOR	---	2	3'-0"	7'-0"	1 3/4"	D3	ALUM	INSUL	F4	ALUM	INSUL	H3	J2	---	T1	---	PROVIDE REMOVABLE MULLION, EXISTING ACCESS CONTROL/ DOOR CONTACT TO BE REUSED	D1
D2	CORRIDOR (18)	EXTERIOR	---	2	3'-0"	6'-11"	1 3/4"	D3	ALUM	INSUL	F4	ALUM	INSUL	H3	J2	---	T1	---	PROVIDE REMOVABLE MULLION, EXISTING ACCESS CONTROL/ DOOR CONTACT TO BE REUSED	D2
D3	CORRIDOR (18)	EXTERIOR	---	2	3'-0"	6'-11"	1 3/4"	D3	ALUM	INSUL	F4	ALUM	INSUL	H3	J2	---	T1	---	PROVIDE REMOVABLE MULLION, EXISTING ACCESS CONTROL/ DOOR CONTACT TO BE REUSED	D3
D4	ENTRY (2AN)	SECURE OFFICE	---	1	3'-0"	7'-11 1/4"	1 3/4"	D2	ALUM	LEVEL 3	ALUM	LEVEL 3	H7	---	---	---	T1	1HR	ALUMINUM BULLET AND BLAST RESISTANT DOOR & FRAME	D4
F1	MECH (J2)	STAIR (J)	---	1	3'-0"	7'-0"	1 3/4"	D5	HM	---	F1	HM	---	H7	J7	---	T1	90 MIN	REMOVE & DISPOSE OF EXISTING SCREEN DOOR, PROVIDE FUSABLE LINK @ LOUVERS	F1
F2	CORRIDOR (1E)	EXTERIOR	---	2	3'-0"	6'-8"	1 3/4"	D3	ALUM	INSUL	F4	ALUM	INSUL	---	---	---	T3	---	PROVIDE REMOVABLE MULLION	F2
F3	CORRIDOR (1F)	EXTERIOR	---	2	3'-0"	7'-0"	1 3/4"	D3	ALUM	INSUL	F3	ALUM	INSUL	H3	J2	---	T1	---	PROVIDE REMOVABLE MULLION, EXISTING ACCESS CONTROL/ DOOR CONTACT TO BE REUSED	F3
F4	BAND (85)	EXTERIOR	---	2	3'-0"	6'-8"	1 3/4"	D3	ALUM	INSUL	F3	ALUM	INSUL	H3	J2	---	T1	---	PROVIDE REMOVABLE MULLION	F4
F5	ELECTRONIC MUSIC (F131)	EXTERIOR	---	1	3'-0"	7'-0"	1 3/4"	D3	ALUM	INSUL	F5	ALUM	INSUL	H3	J2	---	T1	---	ADD ALTERNATE 1 TO BASE BID GC-1	F5



DOOR TYPES

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



FRAME TYPES

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

ABBREVIATIONS

ALUM	ALUMINUM	TEMP	1" TEMPERED GLASS
H.M.	HOLLOW METAL	LEVEL III	BULLET RESISTANT GLASS
INSUL	1" INSULATED GLASS		

NOTES

- ALL DOORS, FRAMES AND HARDWARE SHALL BE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR UNLESS OTHERWISE NOTED.
- GENERAL CONTRACTOR SHALL COORDINATE ALL KEYING WITH OWNER.
- ALL ALUMINUM DOORS & FRAMES SYSTEMS U.O.N. SHALL BE BASED UPON KAWNEER PRODUCTS AS INDICATED IN PROJECT MANUAL OR ARCHITECT APPROVED EQUAL.
- NOT USED
- ALL GLAZING IN DOORS & FRAMES SHALL BE 1" INSULATED GLAZING.
- ALL NEW H.M. FRAMES SHALL BE WRAP AROUND TYPE (UNLESS OTHERWISE NOTED OR DETAILED). THROATS SHALL BE SIZED ACCORDING TO WALL THICKNESS AND FINISH, REFER TO FLOOR PLAN AND ENLARGED DETAILS FOR ADDITIONAL INFORMATION.
- GENERAL CONTRACTOR SHALL MODIFY PROPOSED DOOR/FRAME TO ACCOMMODATE EXISTING DOOR ACCESS CONTROL AND DOOR CONTACTS THROUGH FRAMING/DOOR, COORD. W/ E.C. FOR ROUTING.
- GENERAL CONTRACTOR IS RESPONSIBLE FOR VERIFYING HEIGHT AND WIDTH OF PROPOSED DOORS & FRAMES TO BE INSTALLED IN EXISTING MASONRY OPENINGS (PRIOR TO SHOP DRAWING SUBMITTAL) TO ENSURE PROPER FIT AND DOOR FUNCTION.
- ALL NEW HOLLOW METAL FRAMES AND HOLLOW METAL DOORS SHALL BE FINISH PAINTED. COLOR AS SELECTED BY ARCHITECT. REFER TO SPEC SECTION 0900 FOR EXTERIOR GRADE PAINT.
- ALL REMOVABLE MULLIONS ARE TO BE KEYPED ALIKE AND TO MATCH EXISTING BUILDING SYSTEM. FINISH TO MATCH FRAME.
- GLAZING WITH SURFACE APPLIED FILMS WILL NOT BE CONSIDERED EQUIVALENT WHERE LAMINATED FILM IS SPECIFIED.

REV.	DATE	ITEM

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BEDFORD CENTRAL SCHOOL DISTRICT
PHASE 1A - BOND IMPROVEMENTS

FOX LANE HIGH SCHOOL
632 S BEDFORD RD, BEDFORD, NY 10506

DOOR SCHEDULE, ELEVATIONS, AND DETAILS

PROJECT

DWG TITLE

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CHK. BY: G.E.O.

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DISTRICT BEDFORD CENTRAL SCHOOL DISTRICT

PROJECT PHASE 1A - BOND IMPROVEMENTS

DWG TITLE DOOR SCHEDULE, ELEVATIONS, AND DETAILS

SCALE: AS NOTED

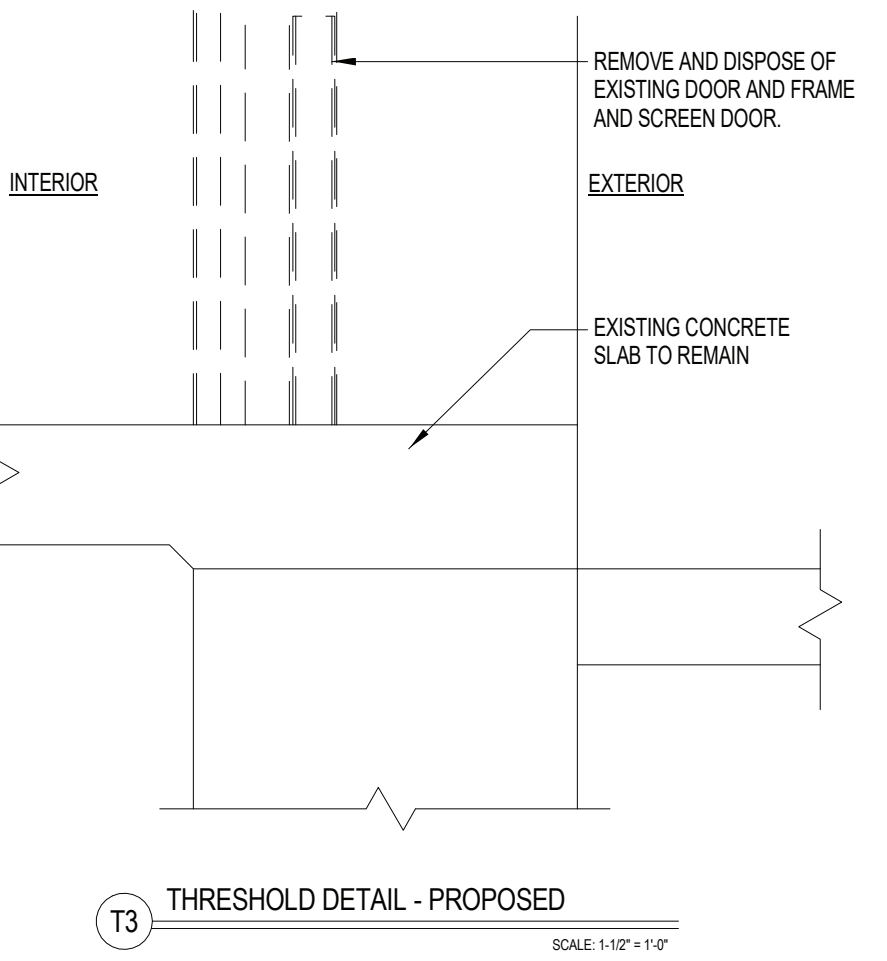
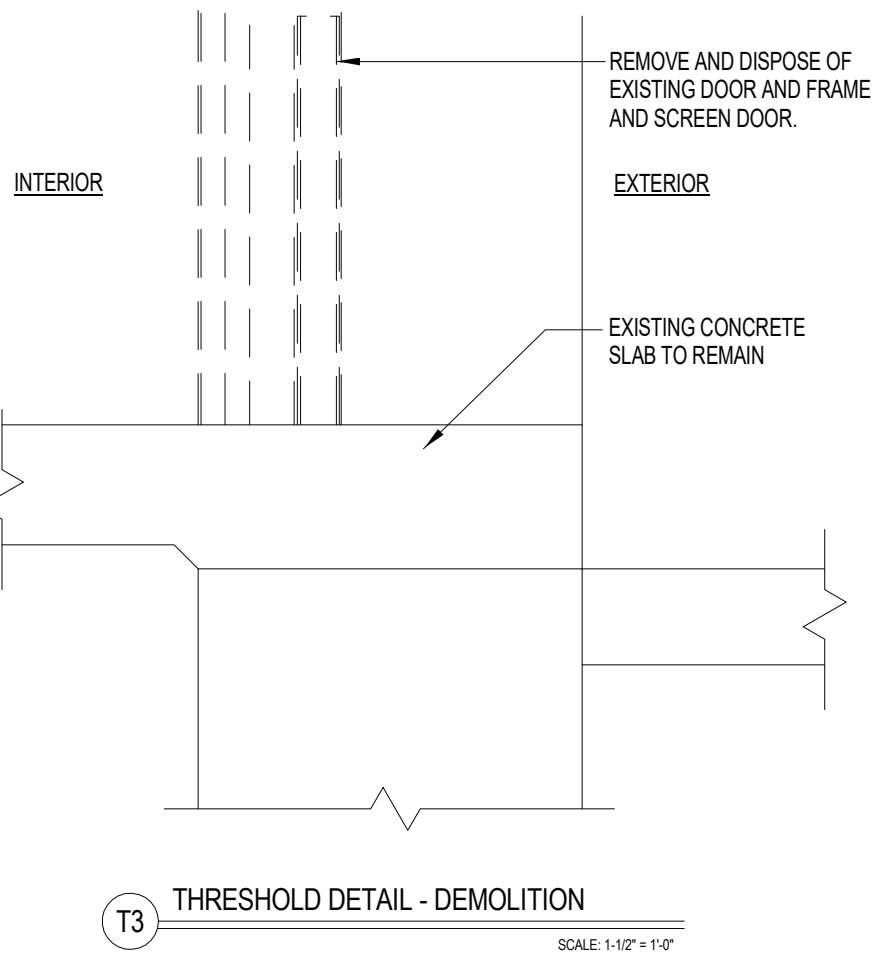
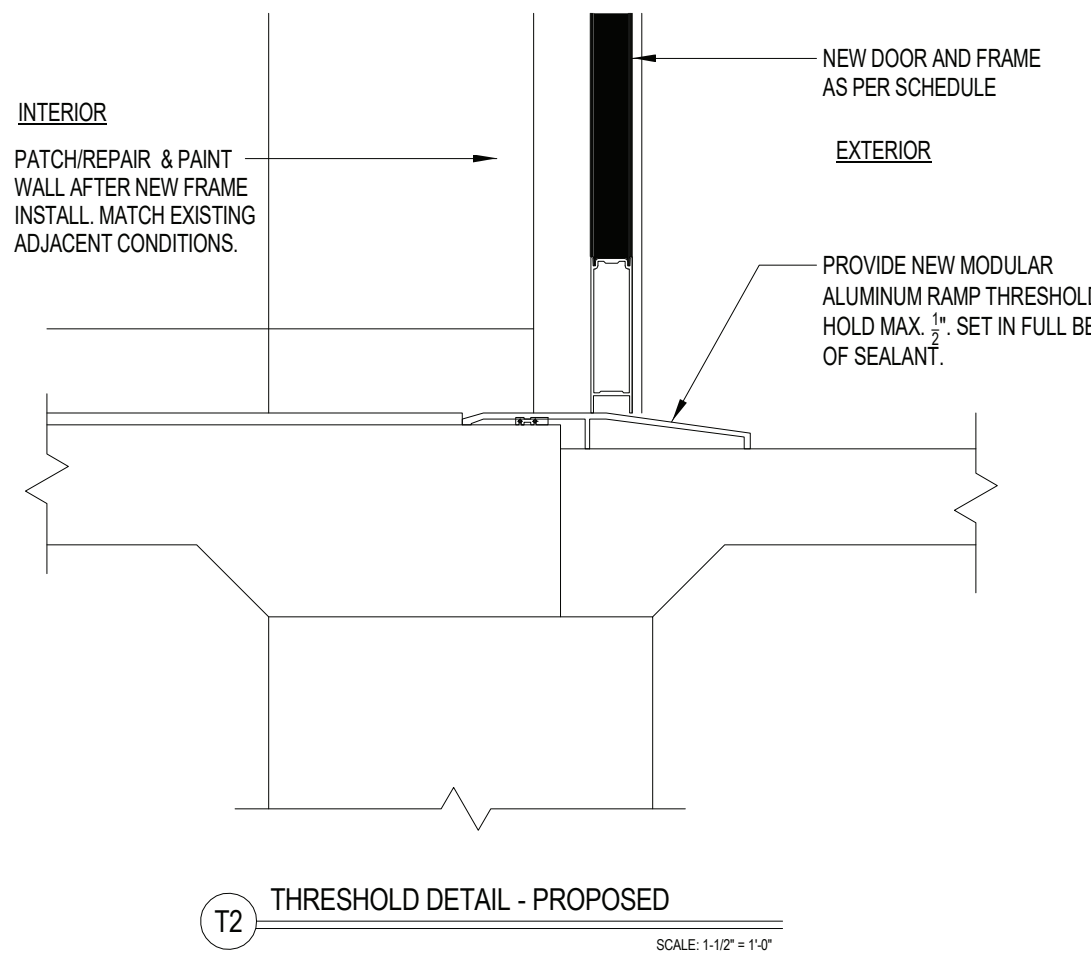
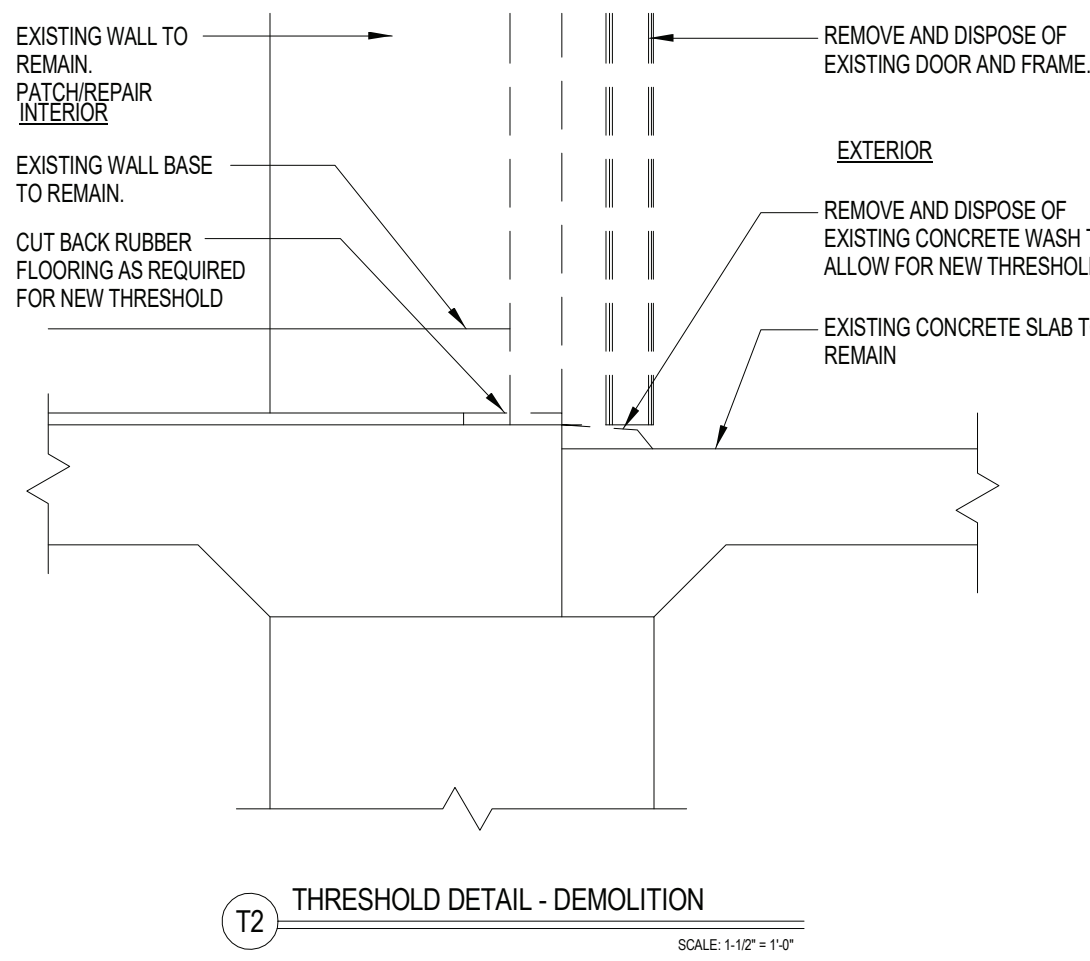
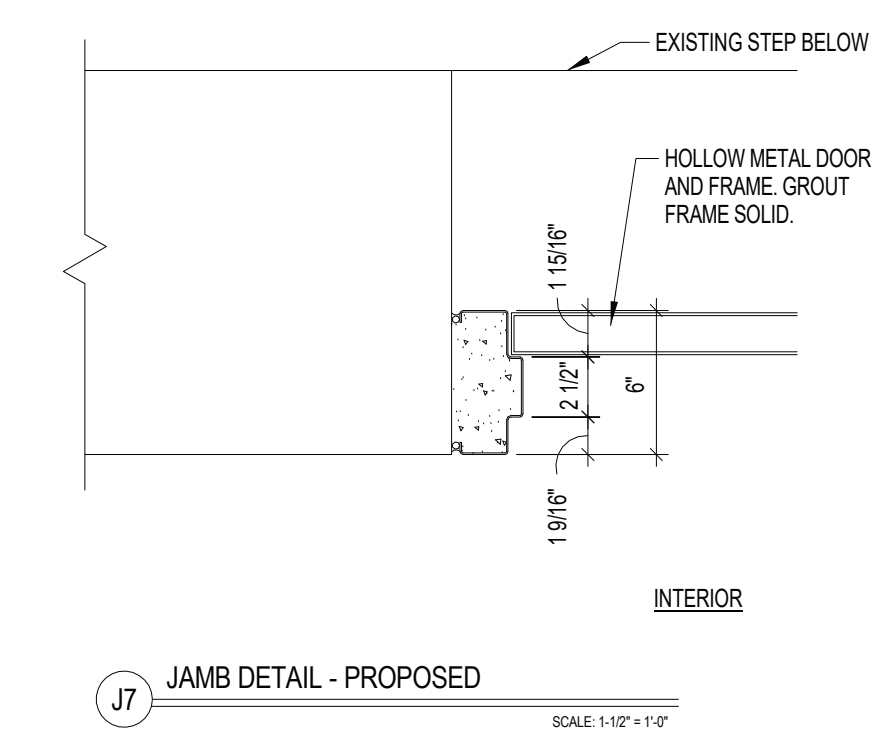
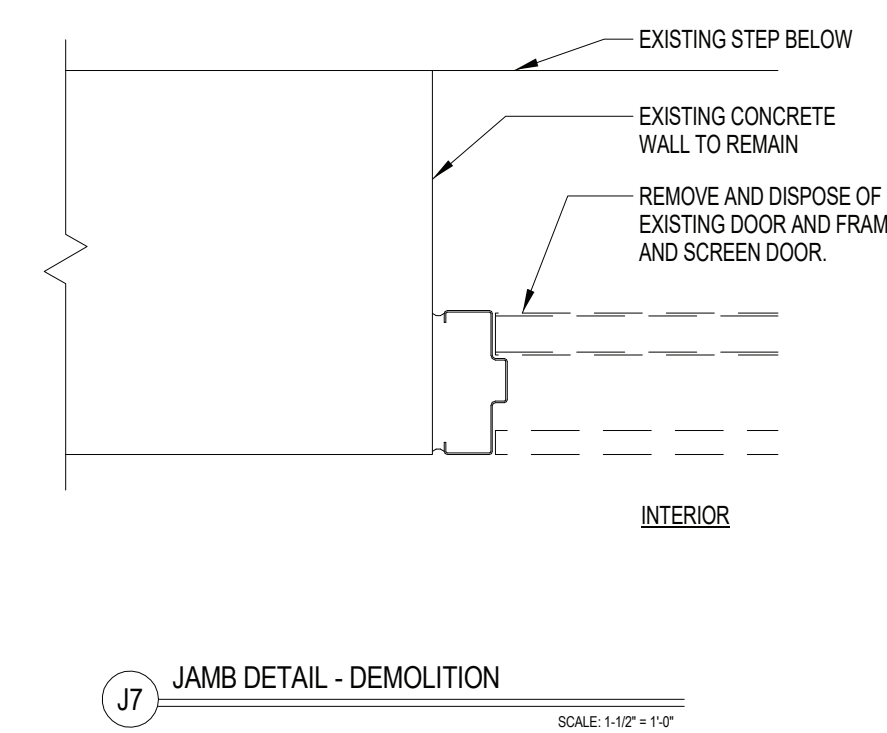
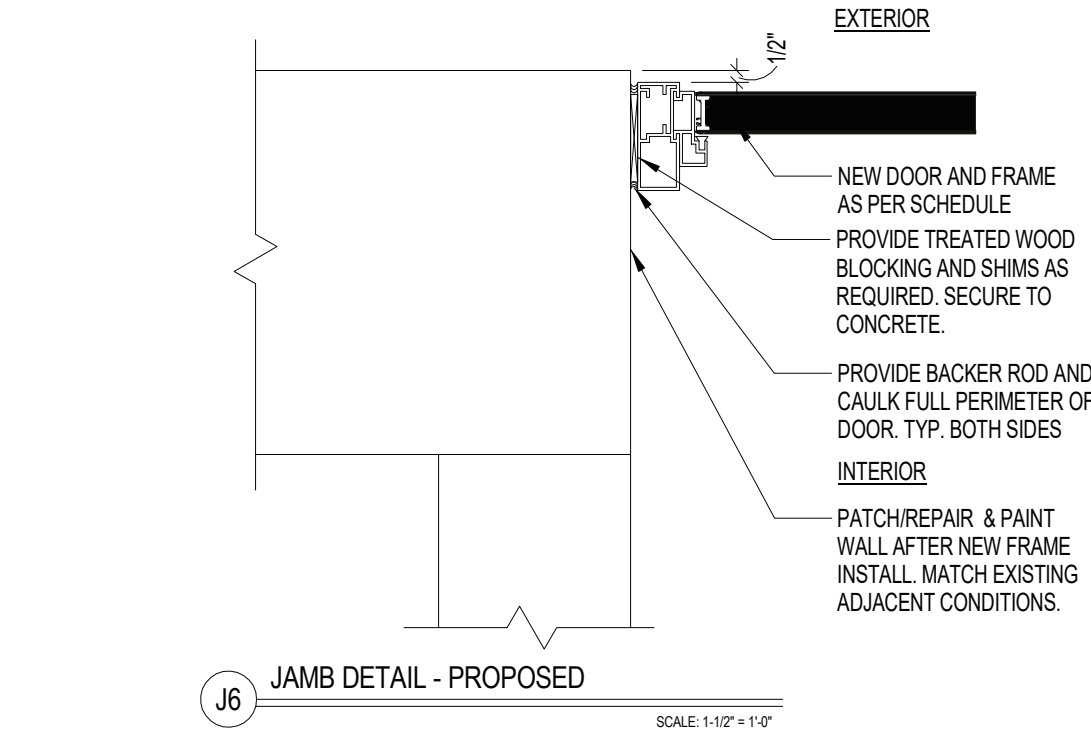
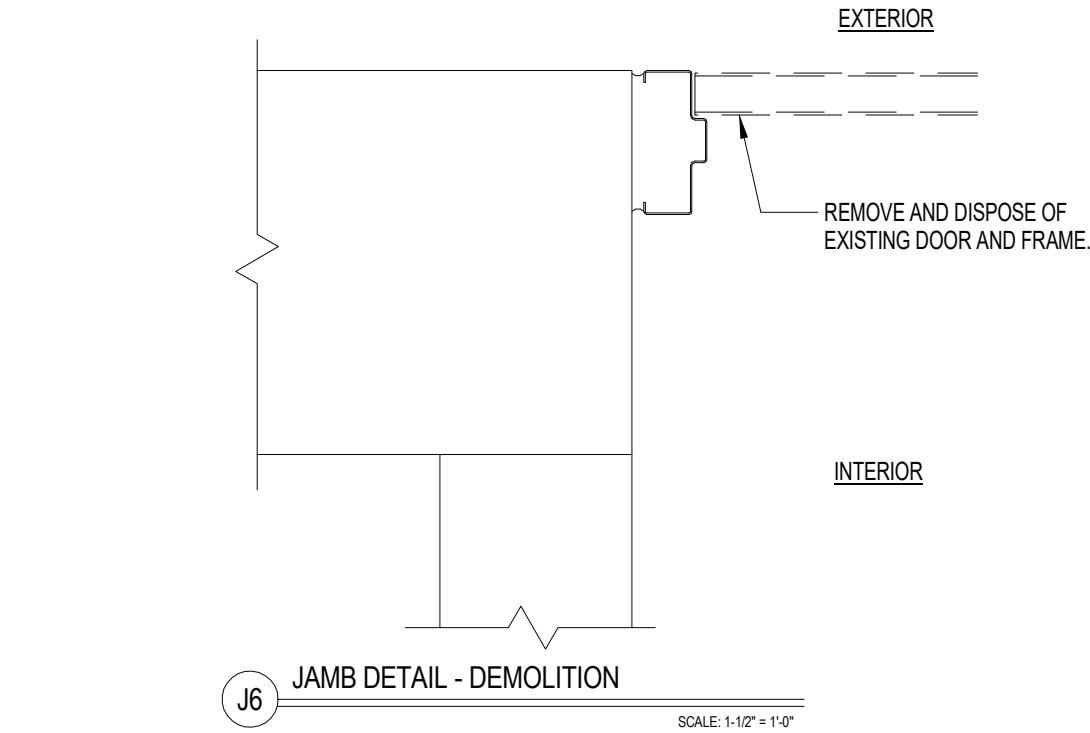
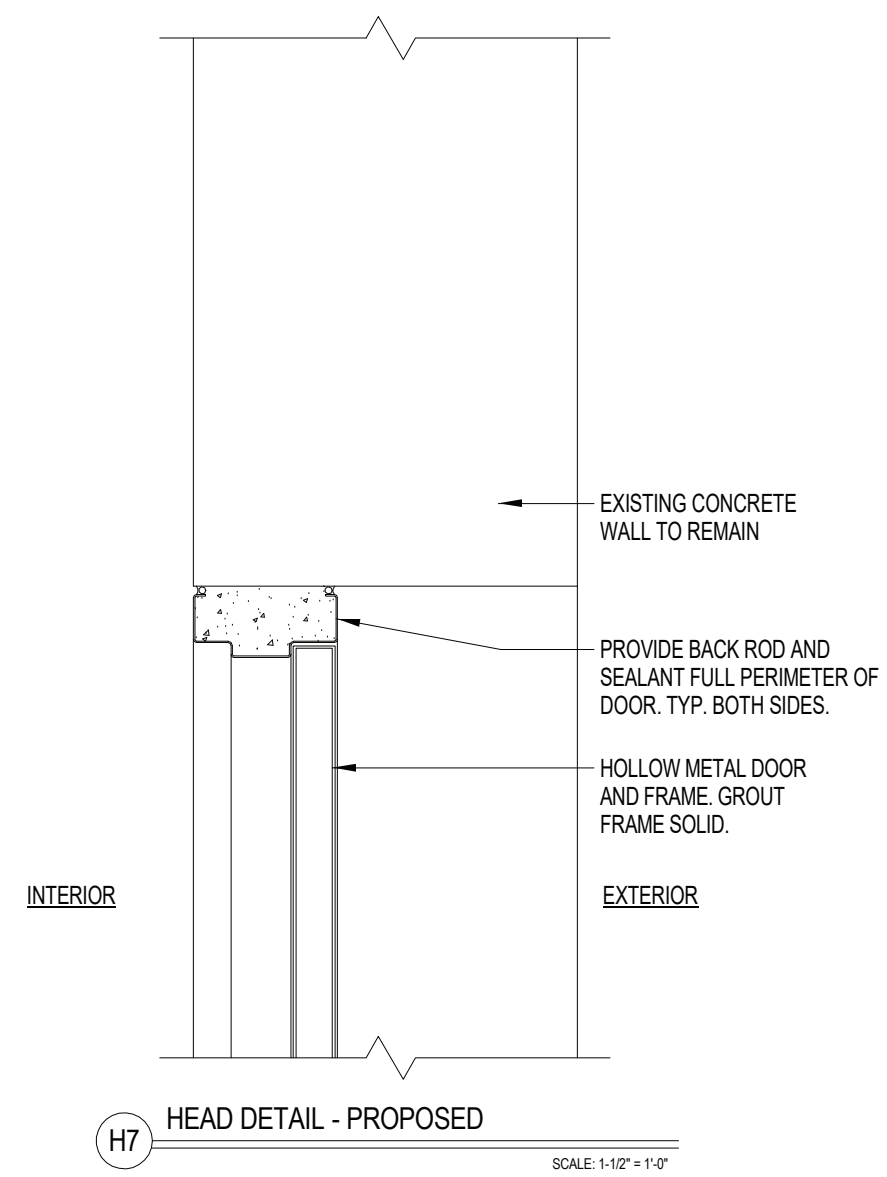
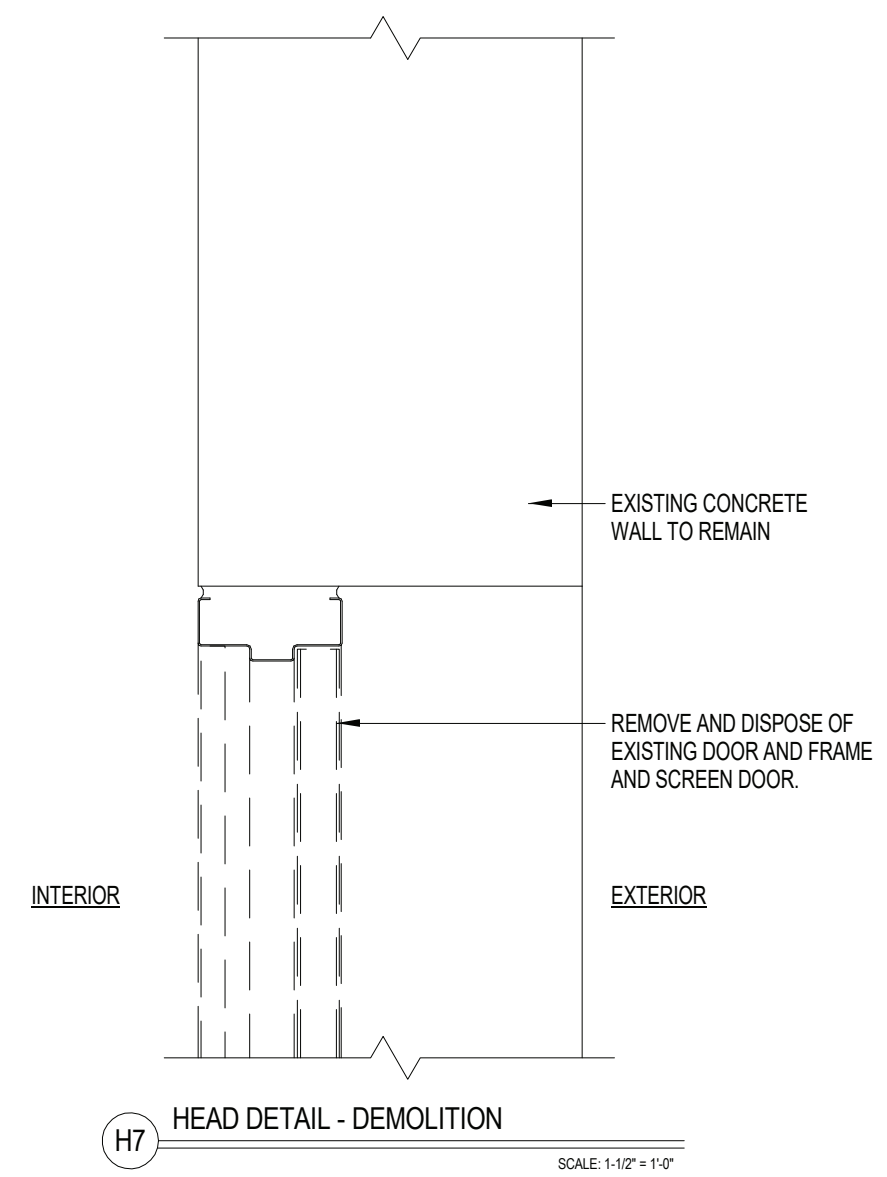
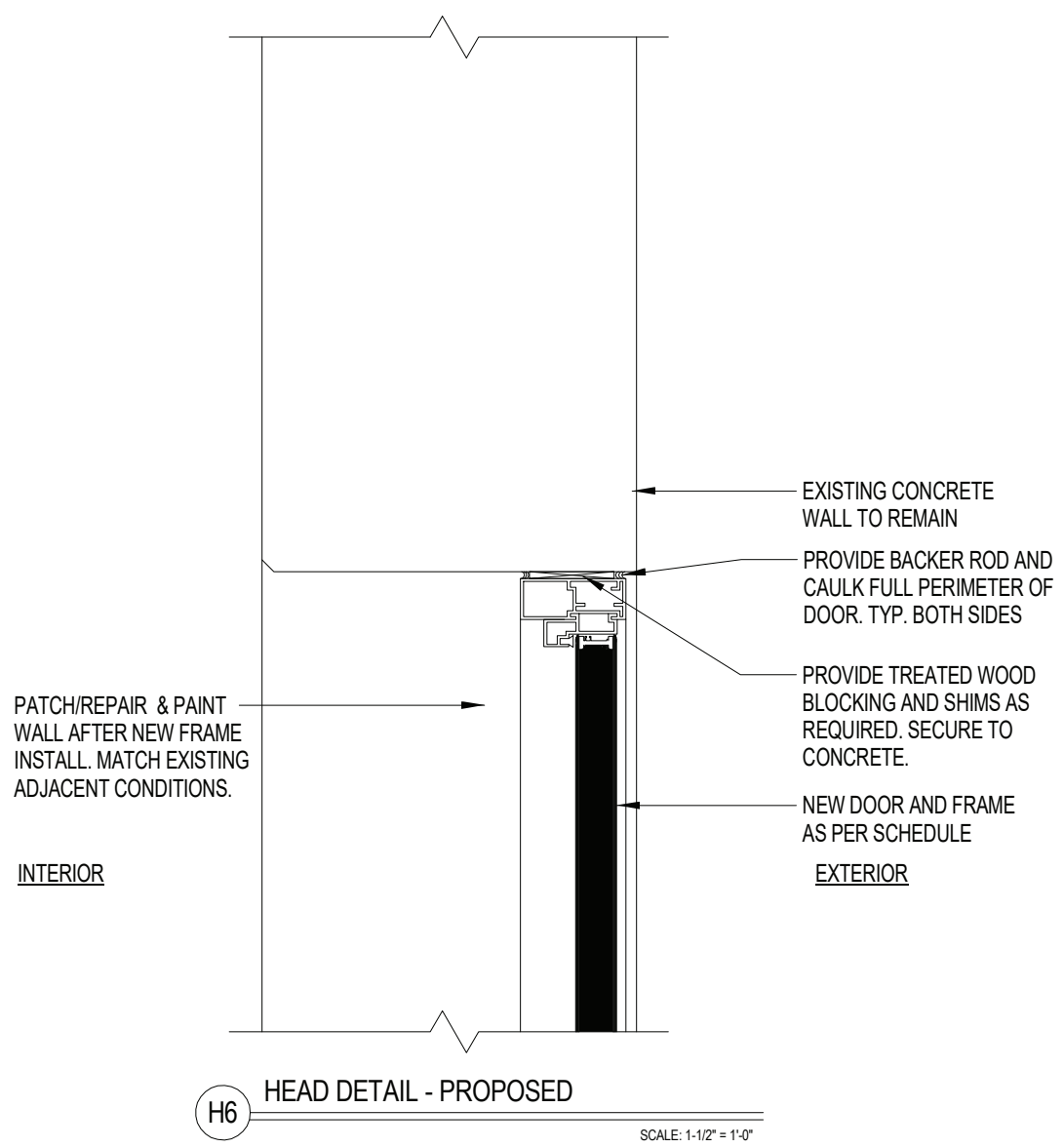
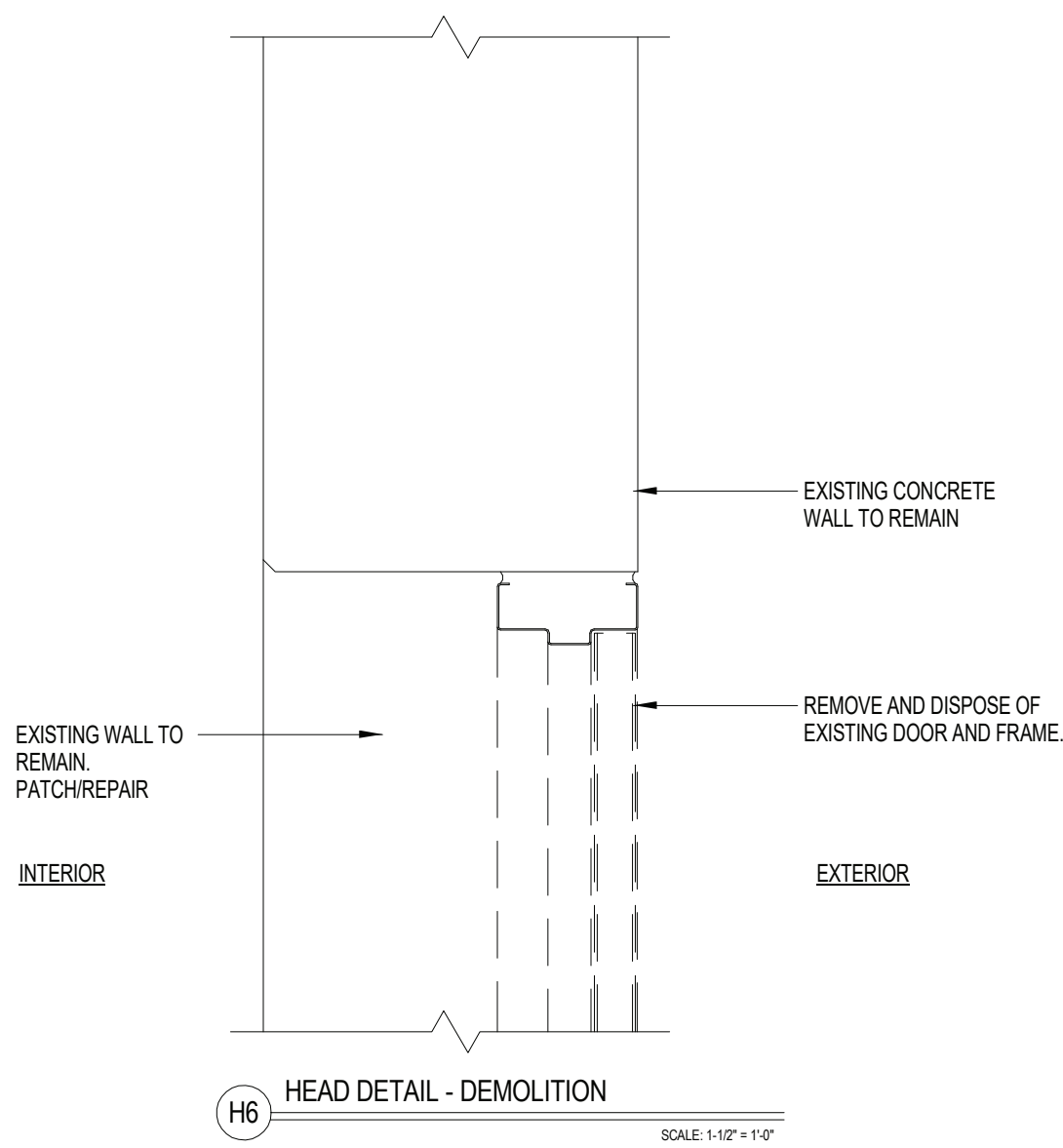
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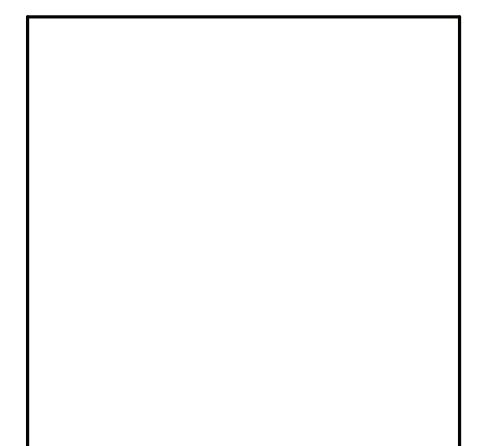
DOOR DETAILS

PROJECT
DWG TITLE

DRWG. BY: C.M.
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DISTRICT BEDFORD CENTRAL SCHOOL DISTRICT
PROJECT PHASE 1A - BOND IMPROVEMENTS
DWG TITLE DOOR DETAILS
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GENERAL NOTES	
1.	REMOVAL & RELOCATION OF CERTAIN EXISTING WORK SHALL BE NECESSARY FOR THE PERFORMANCE OF THE NEW WORK SHOWN HEREIN. ALL EXISTING CONDITIONS ARE NOT COMPLETELY DETAILED ON THE DRAWINGS. THE CONTRACTOR SHALL SURVEY THE SITE & MAKE ALL NECESSARY CHANGES BASED ON EXISTING CONDITIONS AS REQUIRED FOR PROPER DEMOLITION OF EXISTING WORK & SHALL INCLUDE ALL MATERIALS & LABOR FOR SAME IN HIS BID PRICE. NO ALLOWANCE WILL BE MADE FOR FAILURE TO DO SO.
2.	PRIOR TO SUBMITTING A BID, THE CONTRACTOR SHALL VISIT THE PREMISES OF THE PROPOSED WORK & SHALL CAREFULLY EXAMINE THE ENGINEERING DRAWINGS, EXISTING CONDITIONS & LIMITATIONS THEREOF. VERIFY ACTUAL LOCATIONS WHERE THE NEW PIPING WILL BE ROUTED, COORDINATE WITH NEW & EXISTING WORK & PROVIDE CLEARANCE W/ BUILDING STRUCTURE, OTHER SERVICES, ETC.. THE CONTRACTOR SHALL INCLUDE ALL COSTS WHATSOEVER WHICH ARE INCURRED AS A RESULT OF LIMITATIONS OF THE EXISTING & NEW CONDITIONS. LATER CLAIMS FOR EXTRA LABOR, EQUIPMENT, MATERIALS, ETC. REQUIRED DUE TO DIFFICULTIES WHICH COULD HAVE BEEN FORESEEN WILL NOT BE CONSIDERED AS EXTRA WORK.
3.	INSTALL WORK SO AS TO BE READILY ACCESSIBLE FOR OPERATING, MAINTENANCE & REPAIR. MINOR DEVIATIONS FROM DRAWINGS MAY BE MADE TO ACCOMPLISH THIS, BUT CHANGES OF MAGNITUDE WHICH INVOLVE EXTRA COST SHALL NOT BE MADE WITHOUT APPROVAL.
4.	INVESTIGATE EACH SPACE THROUGH WHICH EQUIPMENT MUST BE MOVED. WHEN NECESSARY, EQUIPMENT SHALL BE SHIPPED FROM MANUFACTURER IN CRATED SECTIONS OF SIZE SUITABLE FOR MOVING THROUGH AREAS AVAILABLE. ASCERTAIN FROM BUILDING OWNER AT WHAT TIMES OF DAY EQUIPMENT MAY BE MOVED THROUGH THE BUILDING.
5.	COORDINATE THE EXACT SIZE & LOCATION OF NEW OPENINGS WITH EXISTING STRUCTURE. PATCH / INSULATE AS REQUIRED. CONTRACTOR SHALL PRESTOP ALL PENETRATIONS FROM NEW PIPING, CONDUIT, DUCTWORK, ETC., THROUGH EXISTING NEW FIRE SMOKE BARRIERS. REFER TO SPECIFICATION SECTION 15511 FOR FURTHER DETAILS.
6.	IT IS THE INTENT OF THIS CONTRACT FOR REMAINING SYSTEMS TO BE LEFT IN GOOD WORKING ORDER, READY FOR OPERATION. COORDINATE ANY REQUIRED SYSTEM SHUTDOWNS WITH OWNER 48 HOURS IN ADVANCE. EXISTING SYSTEM SHUTDOWNS WILL NOT BE PERMITTED IF THEY INTERFERE WITH THE DAILY OPERATIONS OF THE BUILDING. CONTRACTOR WILL BE REQUIRED TO TAKE PROPER PRECAUTIONS AGAINST DAMAGING OR DISRUPTING BUILDING SYSTEMS, WIRING, PIPING OR CONTROL TUBING. ANY DAMAGE TO THESE ITEMS SHALL BE REPAIRED AT THE CONTRACTOR'S COST AS A PART OF THIS CONTRACT.
7.	THE CONTRACTOR SHALL REPAIR / RESTORE TO ORIGINAL CONDITION ANY EXISTING EQUIPMENT OR MATERIALS DAMAGED IN THE PROCESS OF INSTALLATION OR DEMOLITION TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE. CONTRACTOR SHALL MAKE REPAIRS USING THE SAME OR EQUIVALENT MATERIALS. WORK WILL BE PERFORMED AT THE CONTRACTOR'S COST.
8.	CONTRACTOR SHALL INCUR ANY COSTS OR BURDENS ASSOCIATED WITH LOST OR STOLEN EQUIPMENT / MATERIALS.
9.	DURING THE LIFE OF THE CONTRACT PERIOD, CONTRACTOR SHALL REMOVE ALL RUBBISH / EXCESS MATERIAL ACCUMULATED AS A RESULT OF HIS OPERATIONS ON A DAILY BASIS. ALL AREAS / EQUIPMENT AFFECTED UNDER THIS CONTRACT SHALL BE KEPT CLEAN OF DUST / DEBRIS. ALL AREAS SHALL RECEIVE A FINAL CLEANING PRIOR TO FINAL ACCEPTANCE BY THE OWNER.
10.	PROVIDE FOR LEGAL REMOVAL / DISPOSAL OF ALL RUBBISH / DEBRIS FROM THE BUILDING & SITE. PROTECT ALL WORK NOT SLATED FOR DEMOLITION.
11.	THIS CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL OTHER TRADES PRIOR TO SCHEDULING THE WORK. WORK SHALL BE PERFORMED IN PROPER SEQUENCE, AS AGREED TO BY ALL TRADES. ANY COSTS INCURRED BY THE OWNER DUE TO IMPROPER SEQUENCING OF WORK WILL BE PAID FOR BY THIS CONTRACTOR.
12.	CONTRACTOR SHALL OBTAIN ALL PERMITS, PAY ALL FEES, CONNECTION CHARGES, ETC. ASSOCIATED WITH THE WORK UNDER THEIR CONTRACT.
13.	PAINT / TOUCH UP ALL SURFACES MARRED AS A RESULT OF THE PERFORMANCE OF THE CONTRACT WORK.
14.	THE MECHANICAL CONTRACTOR SHALL REFER TO / REVIEW ALL OTHER TRADE DRAWINGS IN THE BID PACKAGE & SHALL BE RESPONSIBLE FOR / PERFORM ALL WORK INDICATED AS (N.C.) MECHANICAL WORK AS A PART OF THE BASE BID UNLESS SPECIFICALLY NOTED OTHERWISE.
15.	SUBSTITUTED EQUIPMENT OF GREATER OR LARGER POWER, DIMENSIONS, CAPACITIES & RATINGS MAY BE FURNISHED PROVIDED THAT SAID EQUIPMENT IS APPROVED IN WRITING PRIOR TO ORDER. ANY CONNECTING MECHANICAL SERVICES, ELECTRICAL SERVICES, BASES, STRUCTURAL APPURTENANCES, ETC. REQUIRED TO BE INCREASED DUE TO THE USE OF SAID EQUIPMENT WILL BE PAID FOR IN FULL BY THE MECHANICAL CONTRACTOR, INCLUDING ANY ADDITIONAL REQUIRED ENGINEERING FEES.
16.	EACH PIECE OF EQUIPMENT SHALL BE PROVIDED WITH A PERMANENT TYPE LAMINATED, BLACK FINISH, WHITE CORE, PHENOLIC NAMEPLATE. NAMEPLATES SHOULD INDICATE THE NAME & NUMBER OF THE UNIT, UNIT VOLTAGE, & ANY INTERLOCK REFERENCE. STARTERS / DISCONNECT SWITCHES SHOULD ALSO BE EQUIPPED WITH AN IDENTICAL NAMEPLATE WITH THE SAME INFORMATION.
17.	"ATTIC STOCK" - UPON COMPLETION OF THE PROJECT, MECHANICAL CONTRACTOR SHALL COMPLETELY REMOVE / DISPOSE OF FILTERS USED DURING CONSTRUCTION & START-UP PROCEDURES. INSTALL NEW FILTERS IN ALL EQUIPMENT. MEVAL OR BETTER UPON TURN OVER OF THE PROJECT TO THE OWNER. IN ADDITION, PROVIDE (2) COMPLETE SETS OF FILTERS FOR EACH PIECE OF EQUIPMENT & TURN OVER TO OWNER.
18.	MECHANICAL CONTRACTOR SHALL PROVIDE (1) SPARE MOTOR FOR EACH SIZE MOTOR USED ON THE PROJECT. IN INSTANCES WHERE MORE THAN TEN OF THE SAME MOTOR ARE USED, MECHANICAL CONTRACTOR SHALL PROVIDE (1) SPARE MOTOR FOR EVERY TEN MOTORS OF A GIVEN SIZE USED ON THE PROJECT.
19.	MAINTENANCE MANUAL - UPON COMPLETION OF THE PROJECT, THE MECHANICAL CONTRACTOR SHALL PROVIDE A BINDER CONTAINING THE OPERATIONS & MAINTENANCE MANUALS FOR EACH NEW PIECE OF EQUIPMENT INSTALLED UNDER THIS PROJECT. THE FIRST SECTION OF THE MAINTENANCE MANUAL SHALL CONTAIN A LIST OF EACH PIECE OF EQUIPMENT, COMPLETE WITH INFORMATION SHOWING APPROPRIATE REPLACEMENT FILTER SIZES / TYPES, APPROPRIATE REPLACEMENT BELT SPECIFICATIONS, REPLACEMENT MOTOR SPECIFICATIONS, REPLACEMENT BEARING SPECIFICATIONS, VOLTAGES OF UNIT, ETC.. THIS SHALL SERVE AS A WRITTEN DATABASE DESCRIBING ALL MAINTENANCE INFORMATION FOR EACH NEW PIECE OF EQUIPMENT USED.

BOILER ROOM and PIPING NOTES	
1.	THE DRAWINGS SHOW THE GENERAL ARRANGEMENT OF ALL PIPING & EQUIPMENT, & INDICATE THE REQUIRED SIZE / POINTS OF TERMINATION OF THE PIPING & SUGGEST PROPER ROUTING OF SAME. IT IS NOT THE INTENTION OF THE DRAWINGS TO SHOW ALL NECESSARY OFFSETS, RISERS, DROPS, OBSTRUCTIONS OR STRUCTURAL CONDITIONS. IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO INSTALL HIS WORK IN SUCH A MANNER THAT IT WILL CONFORM TO THE STRUCTURE, AVOID OBSTRUCTIONS, PRESERVE HEADROOM & KEEP OPENINGS / PASSAGEWAYS CLEAR WITHOUT FURTHER CONSTRUCTION OR COST.
2.	ALL FLOOR MOUNTED BOLER ROOM EQUIPMENT SHALL BE INSTALLED ON A LEVEL, REINFORCED CONCRETE HOUSEKEEPING PAD, 4" THICK MIN. UNLESS OTHERWISE NOTED. ALL HOUSEKEEPING PADS SHALL BE INSTALLED BY THE MECHANICAL CONTRACTOR. PADS SHALL BE REINFORCED W/ WELDED WIRE MESH & SHALL BE POURED USING 3,000 PSI CONCRETE.
3.	MECHANICAL CONTRACTOR SHALL PROVIDE & INSTALL ALL REQUIRED STRUCTURAL SUPPORTS FOR ALL PIPING SYSTEMS & EQUIPMENT AS REQUIRED. PIPING SYSTEMS SHALL BE EQUIPPED WITH EXPANSION COMPENSATORS AT THE INTERVALS REQUIRED. PROVIDE PIPING GUIDES / ANCHORS AS REQUIRED.
4.	MECHANICAL CONTRACTOR SHALL PROPERLY INSULATE ALL NEW PIPING SYSTEMS & EQUIPMENT. REFER TO SPECIFICATION SECTION 15525 FOR FURTHER DETAILS REGARDING INSULATION REQUIREMENTS. UPON COMPLETION OF INSULATION WORK, MECHANICAL CONTRACTOR SHALL PROPERLY LABEL EACH PIPING RUN SHOWING THE TYPE OF FLUID CARRIED & DIRECTION OF FLOW. PIPE IDENTIFICATION MARKERS SHALL BE INSTALLED EVERY 20 FEET IN THE PIPING RUNS.
5.	ALL VALVES WITHIN PIPING SYSTEMS SHALL BE TAGGED USING A 1-1/2" DIA. BRASS TAG. PROVIDE A LEGEND LISTING VALVE #, TYPE OF VALVE, SERVICE TYPE, & LOCATION OF VALVE. KEY VALVE #S TO AS-BUILT DRAWINGS UPON COMPLETION OF PROJECT.
6.	MECHANICAL CONTRACTOR SHALL SUBMIT (3) SETS OF OPERATING MANUALS FOR EACH PIECE / TYPE OF MECHANICAL EQUIPMENT.
7.	MECHANICAL CONTRACTOR SHALL PROVIDE & INSTALL ALL WIRING & DEVICES AS REQUIRED TO CONTROL THE BOLER ROOM EQUIPMENT AS DESCRIBED IN THE SEQUENCE OF OPERATIONS LISTED IN THE PROJECT MANUAL. REFER TO SPECIFICATION SECTION 15603 FOR FURTHER DETAILS.

FIRESTOPPING NOTES	
1.	ALL PENETRATIONS RELATED TO MECHANICAL WORK THROUGH FIRE RATED WALLS, FLOORS OR OTHER STRUCTURES SHALL BE FIRE STOPPED AS REQUIRED TO MAINTAIN THE RATING OF THE WALL BY MECHANICAL CONTRACTOR. IT IS ASSUMED THAT ALL WALLS IN THE CONSTRUCTION CARRY A MINIMUM FIRE RATING OF 1 HR. IT SHOULD BE ASSUMED THAT ALL MACHINE ROOM WALLS / BOILER ROOM WALLS / ELECTRIC ROOM WALLS CARRY A RATING OF 2 HR. MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR A COMPLETE REVIEW OF THE ARCHITECTURAL DRAWINGS IN ORDER TO DETERMINE FIRE RATINGS OF ALL WALLS / PARTITIONS RELATED TO WORK UNDER THIS CONTRACT.
2.	MECHANICAL CONTRACTOR SHALL REVIEW THE COMPLETE ARCHITECTURAL SET OF DRAWINGS IN ORDER TO DETERMINE WHERE DUCT PENETRATIONS THROUGH RATED BARRIERS. DUCTS PENETRATING SAID RATED BARRIERS SHALL BE EQUIPPED WITH A UL LISTED FUSIBLE LINK TYPE FIRE DAMPER, RATED FOR SERVICE FOR WHICH IT IS BEING USED. FIRE DAMPERS SHALL BE PROVIDED & INSTALLED BY THE MECHANICAL CONTRACTOR, COMPLETE W/ DUCT ACCESS DOORS DIRECTLY ADJACENT TO THE DAMPER, POSITIONED FOR EASY REPLACEMENT OF THE LINK.
3.	MECHANICAL CONTRACTOR SHALL REVIEW THE COMPLETE ARCHITECTURAL SET OF DRAWINGS IN ORDER TO DETERMINE WHERE DUCT PENETRATIONS THROUGH RATED BARRIERS OCCUR BETWEEN SEPARATE SMOKE ZONES. DUCTS PENETRATING SAID FIRE / SMOKE BARRIERS SHALL BE EQUIPPED WITH A UL LISTED COMBINATION FIRE / SMOKE DAMPER, RATED FOR SERVICE FOR WHICH IT IS BEING USED. FIRE / SMOKE DAMPERS SHALL BE PROVIDED & INSTALLED BY THE MECHANICAL CONTRACTOR, COMPLETE W/ DUCT ACCESS DOORS DIRECTLY ADJACENT TO THE DAMPER. DAMPER ACTUATOR & RELATED WIRING SHALL BE PROVIDED & INSTALLED BY THE ELECTRICAL CONTRACTOR. COORDINATE DAMPER INSTALLATIONS W/ E.C. TO VERIFY PROPER CLEARANCES TO ASSURE PROPER DAMPER OPERATION.
4.	MECHANICAL CONTRACTOR SHALL PROVIDE A FULL SET OF AS-BUILT DRAWINGS, SHOWING EACH DAMPER LOCATION, TYPE OF DAMPER, ACCESS DOOR LOCATIONS, ETC.
5.	CONTRACTOR SHALL REFER TO SPECIFICATION SECTION 15511 FOR FURTHER DETAILS REGARDING FIRESTOPPING MATERIALS & METHODS.
6.	CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF PRODUCTS TO BE USED. FIRESTOP MATERIALS OTHER THAN THE PRODUCTS SPECIFIED SHALL INCLUDE FULL TECHNICAL DATA WITH SHOP DRAWINGS TO DEMONSTRATE EQUALITY WITH THE SPECIFIED FIRESTOPPING MATERIALS.

GENERAL INSTRUMENTATION NOTES	
1.	AT A MINIMUM, PROVIDE THERMOMETERS / WELLS AT THE FOLLOWING LOCATIONS: <ul style="list-style-type: none">• AT INLETS & OUTLET OF EACH THREE WAY VALVE (UNIT VENTILATORS / CABINET UNIT HEATER INSTALLATIONS EXCEPTED).• AT INLET & OUTLET OF EACH HYDRONIC BOILER, CHILLER OR COOLING TOWER.• AT INLET & OUTLET OF EACH HYDRONIC COIL IN AIR HANDLING UNITS & BUILT-UP CENTRAL SYSTEMS.
2.	AT A MINIMUM, PROVIDE LIQUID FILLED PRESSURE GAUGES / WELLS AT THE FOLLOWING LOCATIONS: <ul style="list-style-type: none">• AT SUCTION & DISCHARGE OF EACH PUMP.• FOR EACH MAKEUP WATER LINE.• BEFORE & AFTER ALL PRESSURE REDUCING VALVES.• AT ACCESSIBLE HIGH POINT OF ALL HYDRONIC PIPING SYSTEMS.• AT ALL EXPANSION / COMPRESSION TANKS.

EQUIPMENT VENTING NOTES	
1.	MECHANICAL CONTRACTOR WILL BE RESPONSIBLE FOR THE PROPER VENTING OF ALL NEWLY INSTALLED HYDRONIC PIPING SYSTEMS. AUTOMATIC AIR VENTS SHALL BE INSTALLED AT EVERY HIGH POINT IN THE PIPING SYSTEM WHERE AIR CAN COLLECT. PROVIDE COCK IN RISER PRIOR TO AUTOMATIC AIR VENT. NEW AIR VENTS SHALL BE "TACO" #HY-VENT OR EQUIVALENT.
2.	MECHANICAL CONTRACTOR SHALL PROVIDE & INSTALL NEW AUTOMATIC AIR VENT FOR EACH AIR HANDLING UNIT COIL OR DUCT MOUNTED COIL. INSTALL SHUT-OFF COCK PRIOR TO VENT TIE-IN.
3.	MECHANICAL CONTRACTOR SHALL PROVIDE NEW MANUAL AIR VENTS FOR ALL UNIT VENTILATOR COILS, CONNECTORS, FAN COIL UNITS, FIN TUBE RADATORS, ETC.. MANUAL VENTS SHALL BE "TACO" #417 COIL VENT OR EQUIVALENT. PROVIDE SHUT-OFF COCK PRIOR TO VENT. AIR COIL VENT DISCHARGE IN AN APPROPRIATE MANNER AS TO FACILITATE THE CAPTURE OF BLEED WATER WHILE PERFORMING SYSTEM BLEEDING OPERATIONS.

ELECTRICAL WORK UNDER MECHANICAL CONTRACT	
1.	MECHANICAL CONTRACTOR SHALL PROVIDE ALL STARTERS & DISCONNECT SWITCHES REQUIRED FOR ALL NEW MECHANICAL EQUIPMENT. STARTER / DISCONNECT SWITCH INSTALLATION TO BE PERFORMED UNDER THE ELECTRICAL CONTRACT. COORDINATE WORK W/ ELECTRICAL CONTRACTOR PRIOR TO START OF WORK.
2.	POWER WIRING REQUIRED FOR CONTROLS SHALL BE PERFORMED UNDER THE MECHANICAL CONTRACT UNLESS SPECIFICALLY NOTED OTHERWISE ON THE ELECTRICAL DRAWINGS. MECHANICAL CONTRACTOR SHALL OBTAIN THE SERVICES OF A LICENSED ELECTRICIAN (PER NEC REQUIREMENTS) TO PERFORM ALL ELECTRICAL WORK.

DUCTWORK NOTES	
1.	PROVIDE ALL NEW DUCTWORK AS SHOWN AND SPECIFIED UNDER SPECIFICATION SECTION 015891, AND IN CONFORMANCE WITH "SMACNA" SPECIFICATIONS.
2.	IF A DUCT ELBOW IS SHOWN TO BE RADIOUSED, THEN RADIOUSD ELBOWS SHALL BE INSTALLED. SQUARE OBSTRUCTIONS, PRESERVE HEADROOM & KEEP OPENINGS / PASSAGEWAYS CLEAR WITHOUT FURTHER CONSTRUCTION OR COST. TURNING VANES SHALL BE INSTALLED UPON APPROVAL BY THE ENGINEER.
3.	PROVIDE DUCT LINING IN ALL DUCTWORK THAT IS CONVEYING BELOW AMBIENT TEMPERATURE AIR & IS NOT INSULATED. PROVIDE LINING IN SUPPLY & RETURN AIR DUCTWORK FROM AIR HANDLING EQUIPMENT TO 20 FEET AWAY FROM THE UNIT(S). IN ADDITION, INCLUDE LINING IN ANY OTHER DUCT SPECIFICALLY SHOWN OR SPECIFIED TO BE EQUIPPED WITH LINING. REFER TO SPECIFICATION SECTION 15891 & 15290 FOR FURTHER INFORMATION.
4.	WHERE FLEXIBLE DUCTWORK IS USED, LENGTHS MAY NOT EXCEED 4 FEET TOTAL IN ANY ONE RUN OF FLEXIBLE DUCTWORK. FLEXIBLE DUCTWORK SHALL BE RATED IN ACCORDANCE WITH UL 191, CLASS 1. REFER TO SPECIFICATION SECTION 15891 FOR FURTHER INFORMATION.
5.	MECHANICAL CONTRACTOR SHALL PROVIDE A BUTTERFLY TYPE VOLUME DAMPER WITH LOCKING QUADRANT HANDLE PRIOR TO EACH AIR OUTLET SHOWN. INSTALL DAMPER AT LEAST 5 FEET AWAY FROM AIR OUTLET WHEREVER POSSIBLE.
6.	MECHANICAL CONTRACTOR SHALL PROVIDE FLEXIBLE DUCT CONNECTIONS WHERE DUCT SYSTEMS CONNECT TO EQUIPMENT. REFER TO SPECIFICATION SECTION 15891 FOR FURTHER INFORMATION.

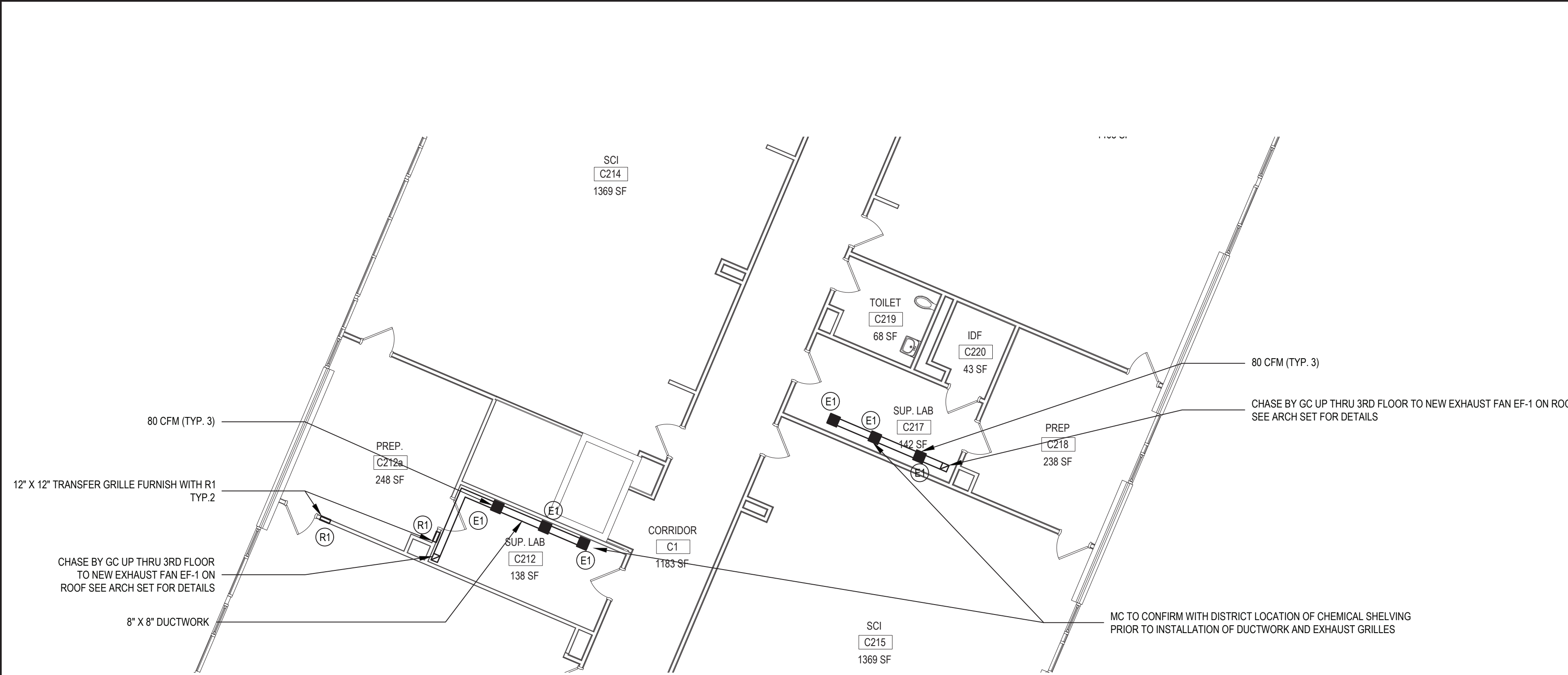
TESTING and BALANCING NOTES	
1.	MECHANICAL CONTRACTOR WILL BE REQUIRED TO PERFORM ALL EQUIPMENT & SYSTEM TESTING / BALANCING REQUIRED UNDER THIS CONTRACT. PROVIDE A FULL REPORT DETAILING ALL DESIGN & ACTUAL CONDITIONS FOR ALL AIR & HYDRONIC SYSTEMS SHOWN ON THE DRAWINGS. REFER TO SPECIFICATION SECTIONS 15990 & 15997 FOR FURTHER DETAILS.
2.	UPON NOTICE OF COMPLETION OF WORK BY THE CONTRACTOR, OWNER WILL OBTAIN THE SERVICES OF AN INDEPENDENT TESTING & BALANCING CONTRACTOR TO VERIFY THE RESULTS OF THE TESTING & BALANCING REPORT SUBMISSION. INDEPENDENT TESTING AGENCY SHALL SELECT A RANDOM NUMBER OF MEASUREMENTS TO BE CHECKED. MEASUREMENTS WILL BE CHECKED IN THE SAME MANNER AS ORIGINALLY MEASURED. NUMBER OF VERIFICATION MEASUREMENTS SHALL BE APPROXIMATELY 25% OF THE TOTAL MEASUREMENTS FOR THE PROJECT.
3.	IF MORE THAN 10% OF THE VERIFICATION TESTING SHOWS DEVIATIONS OF 10% OR MORE / SOUND LEVEL OF 2dB DIFFERENT THAN THAT ORIGINALLY MEASURED, THE ORIGINAL REPORT WILL BE REJECTED. ALL SYSTEMS WILL THEN BE REQUIRED TO BE COMPLETELY RE-TESTED, WITH A SECOND REPORT SUBMITTED. IN THE EVENT THAT THE ORIGINAL REPORT IS REJECTED, ALL SYSTEMS SHALL BE RE-TESTED & TESTED, NEW CERTIFIED REPORTS SUBMITTED, AND NEW VERIFICATION TESTS MADE, AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL COSTS INVOLVED WITH THE VERIFICATION TESTS.

ABBREVIATIONS	
A.F.F.	ABOVE FINISHED FLOOR
B.D.	BACKDRAFT DAMPER
CWS	COLD WATER SUPPLY
CFM	CUBIC FEET OF AIR PER MINUTE
D.	DEEP / DEPTH
DIA.	DIAMETER
F&T	FLOAT & THERMOSTATIC
FPM	FEET PER MINUTE
FSD	FIRE DAMPER - DUCT MOUNTED
FLEX	FLEXIBLE
FO	FLAT OVAL DUCTWORK
GAL	GALLONS
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
H.	HIGH
H.C.	HANDICAPPED
HWS	HEATING SYSTEM HOT WATER SUPPLY
HWR	HEATING SYSTEM HOT WATER RETURN
HP	HORSEPOWER
I.D.	INSIDE DIAMETER
KW	KILOWATT
L.	LONG
LAT	LEAVING AIR TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
MAX.	MAXIMUM
MIN.	MINIMUM
MBH	BTU x 1,000
MFR.	MANUFACTURER
M.H.	MAN-HOLE
MISC.	MISCELLANEOUS
MTD.	MOUNTED
G	NATURAL GAS
N.I.C.	NOT IN CONTRACT
No. / #.	NUMBER
NOM.	NOMINAL
N.T.S.	NOT TO SCALE
O.A.	OUTSIDE AIR
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
O.S. & Y	OUTSIDE SCREW & YOKE
O.C.	ON CENTER
PE	PNEUMATIC / ELECTRIC
PREFAB	PREFABRICATED
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH
R.A.	RETURN AIR
REQD.	REQUIRED
RM	REVOLUTIONS PER MINUTE
S.A.	SUPPLY AIR
SCH.	SCHEDULE
S.P.	STATIC PRESSURE
STD.	STANDARD
T	TEMPERATURE
TRV	THERMAL EXPANSION VALVE
TRYP	TYPICAL
VOL.	VOLUME
V.D.	VOLUME DAMPER
VDL	VELOCITY
VFD	VARIABLE FREQUENCY DRIVE
W.	WIDE
WB	WET BULB TEMPERATURE
WTD	WATER TEMPERATURE DROP
WTR	WATER TEMPERATURE RISE
WPD	WATER PRESSURE DROP

MECHANICAL SYMBOL LEGEND	
SYMBOL	DESCRIPTION
	RECTANGULAR GALVANIZED DUCTWORK - DIMENSIONS 'W' x 'H'
	NEW SUPPLY DUCTWORK TO RISE UP
	NEW SUPPLY DUCTWORK TO DROP DOWN
	NEW RETURN DUCTWORK TO RISE UP
	NEW RETURN DUCTWORK TO DROP DOWN
	TRANSITION IN DUCTWORK
	FIRE DAMPER INSTALLED IN DUCTWORK
	VOLUME DAMPER IN DUCT (w/ LOCKING QUADRANT HANDLE)
	ROUND DUCTWORK TO RISE UP
	ROUND DUCTWORK TO DROP DOWN
	FLAT OVAL DUCT WORK
	RECTANGULAR TO ROUND DUCT TRANSITION
	ELBOW IN DUCTWORK w/ TURNING VANES
	ELBOW IN DUCTWORK (RADIUS = 1.5 x D)
	45 DEG. TAKEOFF FITTING
	90 DEG. TAKEOFF w/ BELLMOUTH FITTING
	FLEXIBLE DUCTWORK TO DIFFUSER (4 FT. MAX. RUN)
	4-WAY PATTERN CEILING DIFFUSER
	3-WAY PATTERN CEILING DIFFUSER
	2-WAY PATTERN CEILING DIFFUSER (90 DEG. / OPPOSING PATTERN)
	CEILING RETURN AIR REGISTER
	LINEAR SLOT DIFFUSER
	ROOF MOUNTED EXHAUST FAN

PIPING SYMBOL LEGEND	
SYMBOL	DESCRIPTION
	PIPING TO RISE UP
	PIPING TO DROP DOWN
	PIPING ANCHOR
	PIPING GUIDE
	COLD WATER SUPPLY PIPING
	HEATING SYSTEM SUPPLY PIPING
	HEATING SYSTEM RETURN PIPING
	CHILLED WATER SUPPLY PIPING
	CHILLED WATER RETURN PIPING
	CONDENSER WATER SUPPLY PIPING
	CONDENSER WATER RETURN PIPING
	CONDENSATE DRAINAGE PIPING
	FUEL OIL SUPPLY PIPING
	FUEL OIL RETURN PIPING
	LOW PRESSURE NATURAL GAS PIPING
	ELEVATED PRESSURE NATURAL GAS PIPING
	GAS COCK
	DIRT LEG IN PIPING
	LIQUEFIED PETROLEUM GAS PIPING
	VENT PIPING
	LINEAR EXPANSION COMPENSATOR
	EXPANSION LOOP IN PIPING
	UNION IN PIPING
	PIPING STRAINER (w/ BLOWDOWN VALVE)
	REDUCER / INCREASER FITTINGS IN PIPING
	ECCENTRIC REDUCER IN PIPING
	THERMOMETER
	PRESSURE GAUGE
	FULL PORT BALL VALVE
	GATE VALVE
	SWING CHECK VALVE
	BALANCING VALVE
	3-WAY VALVE (w/ OPERATOR)
	CIRCUIT CETTER
	TRIPLE DUTY VALVE
	WAFER VALVE
	PLUG / CAP IN PIPING
	PNEUMATIC CONTROL VALVE OPERATOR
	ELECTRIC CONTROL VALVE OPERATOR
	AUTOMATIC AIR VENT
	EXISTING PIPING

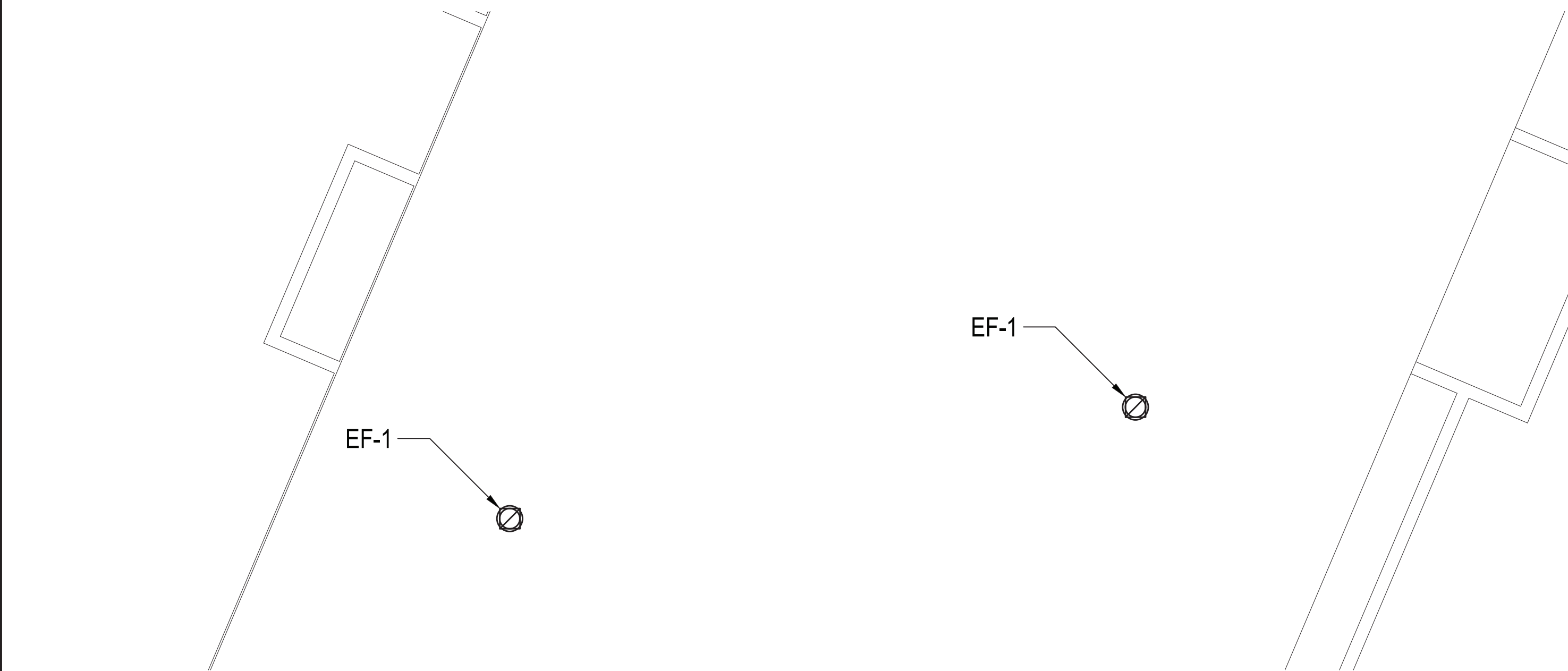
REV.	DATE	ITEM
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SECOND FLOOR CHEMICAL STORAGE ROOM VENTILATION PLAN

NOTE: ROOMS C212 & C217

SCALE: 1/8" = 1'-0"



ROOF CHEMICAL STORAGE EXHAUST FANS

NOTE: C-WING ROOF

SCALE: 1/8" = 1'-0"

EF-1

Model: CUBE-100-4
Bel Drive Upblast Centrifugal Roof Exhaust Fan

Dimensional	
Quantity	1
Weight w/ Accts (lb)	67
Weight w/ Accts (kg)	30
Weight w/ Accts and Curb (lb)	66
Max T-Riser Frame Size	56
Standard Curb Size (in.)	19 x 19
Roof Opening (in.)	15.5 x 15.5

Performance	
Required Volume (CFM)	250
Actual Volume (CFM)	250
Total External SP (in. wg)	0.25
Fan RPM	893
Operating Power (hp)	0.06
Elevation (ft)	50
Ambient Temp (F)	70
Air Density (lb/ft ³)	0.075
Drive Code (FC)	36.0
Tip Speed (ft/min)	2,601
Static Eff. (%)	84

Misc Fan Data	
Fan Eff. Index (FEI)	-
Outlet Velocity (ft/min)	195

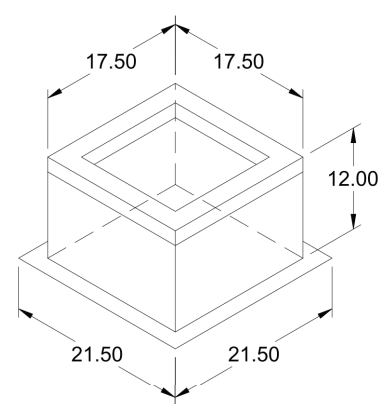
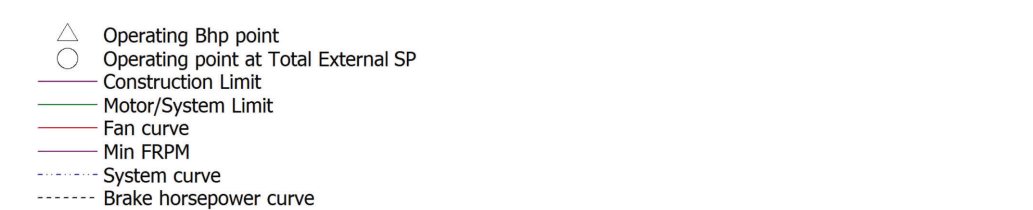
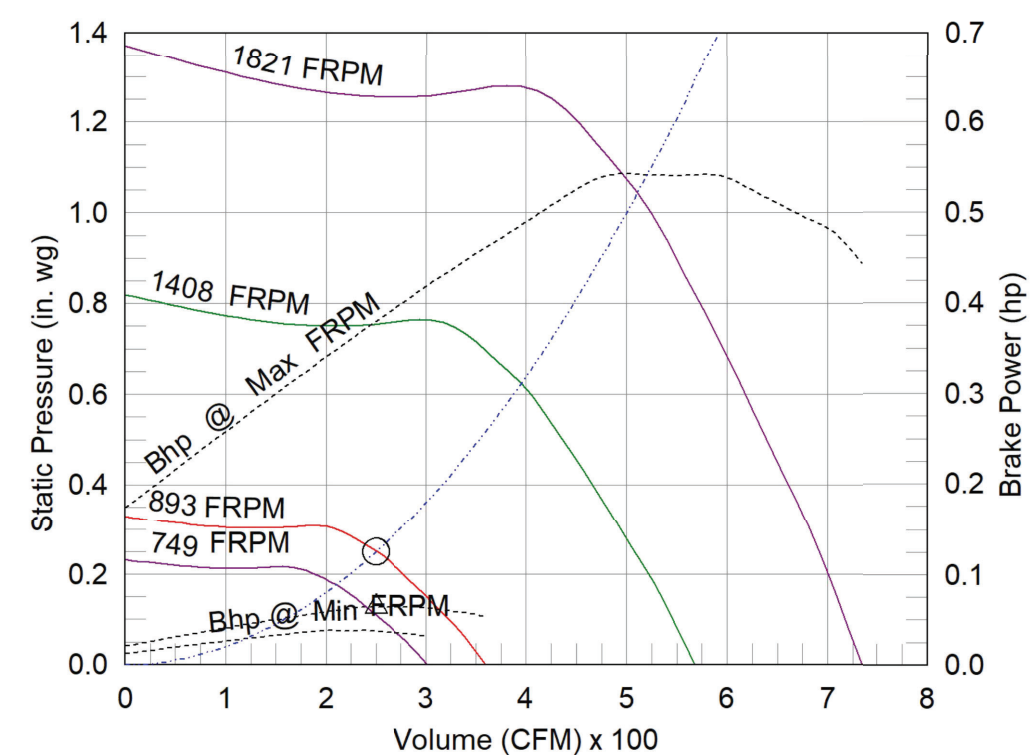
Motor	
Motor Mounted	Yes
Size (hp)	1/4
Voltage/Cycle/Phase	115/60/1
Enclosure	EXP
Motor RPM	1125
Efficiency Rating	Standard
Windings	1
NEC FLA (Amps)	5.8
Min. Circuit Ampacity (MCA)	7.25
Min. Overcurrent Protection (MOP)	15
Short Circuit Current (by IEC)	5.5 A

Sound Power by Octave Band	
1/3 Oct	2/3 Oct
125	160
200	225
250	250
315	275
400	300
500	325
630	350
800	375
1000	400
1250	425
1600	450
2000	475
2500	500
3150	525
4000	550
5000	575
6300	600
8000	625
10000	650
12500	675
16000	700
20000	725
25000	750
31500	775
40000	800
50000	825
63000	850
80000	875
100000	900

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CUBE-100-4 Min/Max Fan Curve

Performance	
Required Volume (CFM)	250
Actual Volume (CFM)	250
Total External SP (in. wg)	0.25
Fan RPM	893
Operating Power (hp)	0.06



General	
Tag	Qty
1	GPI-19
Model	Model
Slating Method	Nominal
Underlayment (in.)	1.5
Height (ft)	16
Shipped	Yes
Assembled Union Label	No
Preference	No

Dimensions	
Curb	Outside
Height	Outside
Width	Outside
Length	Outside
Width	Inside
Length	Inside
Width	Flange
Length	Flange
Width	Base
Length	Base
Width	Hinge
Length	Hinge
Width	Beam
Length	Beam

Accessories	
Security	Material
Bars	Security
No	No
Insulation	Insulation
Yes	Yes
R Value	R Value
N/A	N/A

CHEMICAL STORAGE EXHAUST FANS EF-1

NOTE: FURNISH WITH ROOF CURB MODEL GPI-19

SCALE: 1/8" = 1'-0"

VENTILATION AND EXHAUST SCHEDULE

Room Number	Occupancy Classification	Occupancy Density (People Per 1000SF)	People Outdoor Airflow Rate in Breathing Zone: Rg (CFM/Person)	Area Outdoor Airflow Rate in Breathing Zone: Ra (CFM/SF)	Exhaust Airflow Rate (CFM/SF)	Area (SF)	Number of People (P)	Ventilation in Breathing Zone (CFM)	Zone Air Distribution Effectiveness, Ez	Corrected Zone Outdoor Airflow CFM, Voz	Exhaust Air CFM Required
		0	0	0	1.5	138	0	0	1	0	207
C212	Chemical Storage Room	0	0	0	1.5	142	0	0	1	0	213
C217	Chemical Storage Room	0	0	0	1.5	142	0	0	1	0	213

EXHAUST GRILLE SCHEDULE

SYMBOL	'ANEMOSTAT' MODEL NO.	FACE SIZE	NECK SIZE	NC LEVEL	MAX CFM RANGE	NOTES
(E)	AC30-45	10x10	10x10	25	UP TO 150	T-BAR LAY IN, 45° DEFLECTION

NOTES:
1. 3/4" SPACING
2. COLOR AS PER ARCHITECT

RETURN GRILLE SCHEDULE

SYMBOL	'ANEMOSTAT' MODEL NO.	FACE SIZE	NECK SIZE	NC LEVEL	MAX CFM RANGE	NOTES
(R)	AC30-45	12x12	12x12	25	240	SURFACE MOUNTED, 45° DEFLECTION

NOTES:
1. 3/4" SPACING
2. COLOR AS PER ARCHITECT

REV.	DATE	ITEM

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KEY PLAN

NOT TO SCALE

PROJECT
BEDFORD CENTRAL SCHOOL DISTRICT
PHASE I BOND IMPROVEMENTS AT
FOX LANE HIGH SCHOOL & MIDDLE SCHOOL
TOWN OF BEDFORD / WESTCHESTER COUNTY, NEW YORK

DWG TITLE
NEW MECHANICAL WORK PLAN
CHEMICAL STORAGE EXHAUST PLAN

DRAWING BY: GWT
CHECK BY: ---

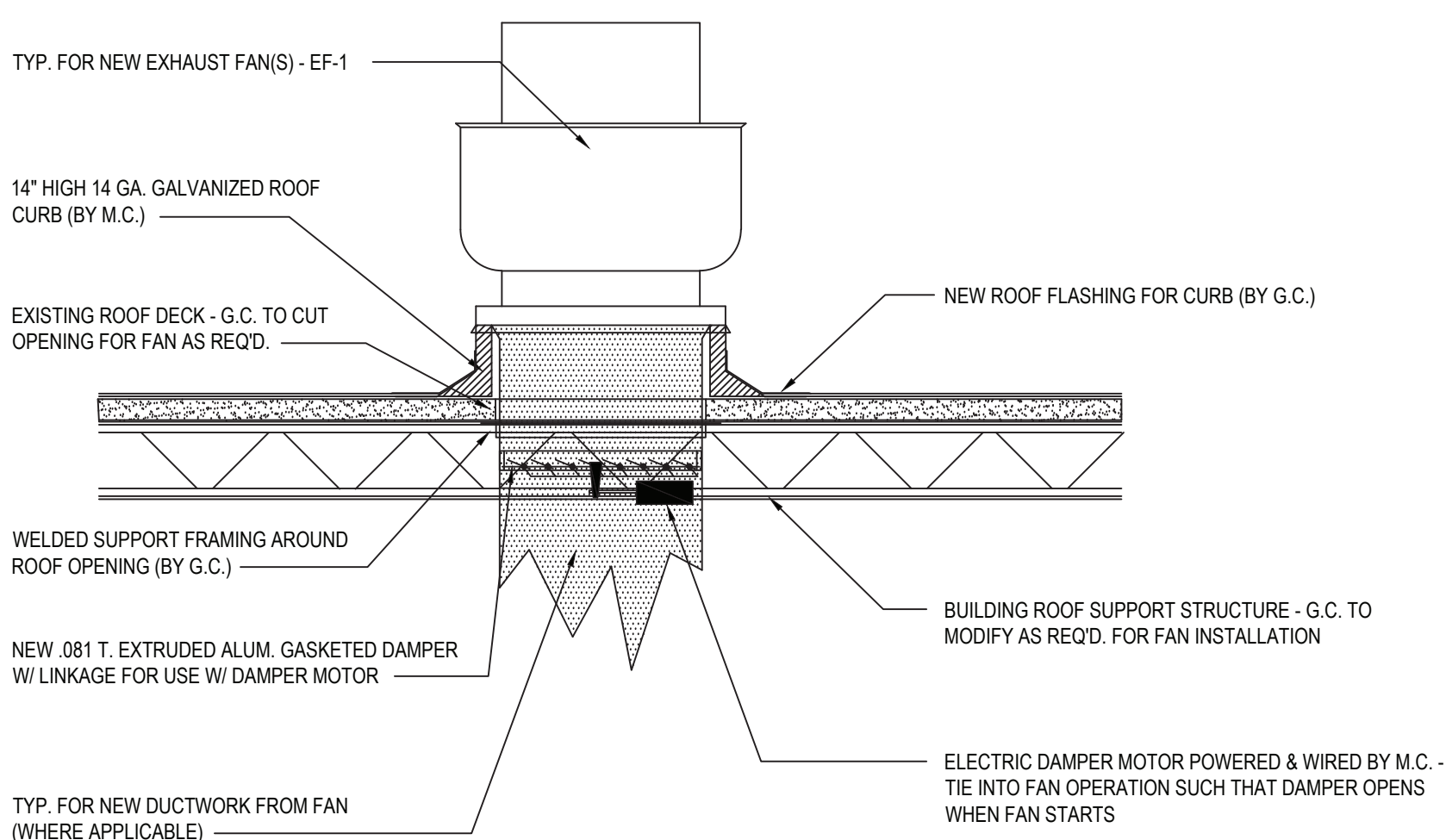
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NEW ROOF MOUNTED EXHAUST FAN INSTALLATION

SCALE: N.T.S.

SED No: 66-01-02-06-003-021

DISTRICT: BEDFORD CENTRAL SCHOOL DISTRICT

PROJECT: BOND PHASE I INTERIOR & EXTERIOR RECONS.

DWG TITLE: NEW MECH CHEM STORAGE PLAN

SCALE: AS NOTED

DATE: NOVEMBER 4, 2022

BID PICK-UP: FILE No: 22-225A

M2.01

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SIMILAR SYMBOLS USED ON DEMO PLANS. ALL ITEMS SHOWN ON DEMO PLAN TO BE REMOVED ENTIRELY UNLESS OTHERWISE NOTED.

<p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>EXISTING TO REMAIN DEVICES</p> <p>DEVICES TO BE REMOVED. PULL BACK ALL ASSOCIATED CONDUIT AND WIRING AND REMOVE UNLESS OTHERWISE NOTED ON THE PLANS. (UNDERGROUND ELEC CONDUIT ON SITE PLAN)</p> <p>NEW DEVICES</p>
-----------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

1. ALL CONDUIT AND CABLE PENETRATIONS THROUGH FIRE RATED WALLS, FLOORS OR OTHER STRUCTURES SHALL BE FIRE STOPPED.

2. THE FIRE STOP MATERIALS SHALL BE HILTI TYPE FS-657 FIRE BLOCK FS-ONE SEALANT, CP-423 JOINT SPRAY, CP-601S ELASTOMERIC SEALANT, CP-606 FLEXIBLE SEALANT, CP-943 OR CP-642 CALUL FIRE-818 PUTTY STICK, OR FS-633 TROWELABLE COMPOUND, AS SUITABLE.

3. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF PRODUCTS SPECIFIED OR EQUAL.

4. FIRE STOP MATERIALS OTHER THAN HILTI SHALL INCLUDE FULL TECHNICAL DATA, SHOP DRAWINGS TO DEMONSTRATE EQUIVALENCY WITH THE SPECIFIED FIRE STOPS AND STATEMENT FROM MANUFACTURER THAT THEY MEET OR EXCEED THE PRODUCTS SPECIFIED HEREIN.

5. ALL SYSTEMS SHALL HAVE THEIR OWN SLEEVE THROUGH FIRE RATED WALLS. IE FIRE ALARM, PUBLIC ADDRESS, TELEPHONE, DATA, POWER AND LIGHTING.

-

THE ITEMS SPECIFICALLY SHOWN ON DEMOLITION DRAWINGS ARE TO BE ADDRESSED BY THE DEMOLITION CONTRACTOR. THE ITEMS ARE TO BE TREATED AS NOTED AND RANGE FROM DIRECT REMOVAL AND DISPOSAL, OR REMOVAL, STORAGE, AND REINSTATEMENT, OR RELOCATION, OR TEMPORARY RELOCATION, AND REINSTATEMENT IN SAME LOCATION. MANY OTHER ELECTRIC ITEMS EXIST THAT ARE NOT SHOWN UNLESS, BUT ARE NOT LIMITED TO. SWITCHES, RECEPTACLE, FLOOR OUTLETS, LOW VOLTAGE JACKS, LOW VOLTAGE DEVICES AND WIRING, TELEPHONE PUNCH DOWN BLOCKS, AND OUT OF SERVICE ITEMS ARE NOT TO BE DEMOLISHED. THE DEMOLITION CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING ALL ITEMS TO BE DEMOLISHED BY NON-ELECTRIC DEMOLITION WORKERS. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ASSURING THAT ALL ELECTRIC DEVICES, OF ANY VOLTAGE OR FUNCTION, THAT ARE TO BE DEMOLISHED ARE SAFE AND AVAIL THE DEMOLITION CONTRACTOR WHEN THIS IS SO.

IF THE ELECTRICAL CONTRACTOR HAS DISCONNECTED ELECTRIC SUPPLIES TO ITEMS TO BE DEMOLISHED, HE SHALL ADVISE THE GENERAL CONTRACTOR OF ANY ELECTRIC ITEMS TO BE RETAINED FOR FUTURE USE AND THEREFOR NOT TO BE DEMOLISHED. THE GENERAL CONTRACTOR SHALL THEN PERFORM ALL WORK ZONE DEMOLITION. THIS MATTER APPLIES TO ALL

- [illegible]

E. EX	EXISTING
ETR	EXISTING TO REMAIN
PSEGLI	PSEG LONG ISLAND (UTILITY CO.)
SM, S.M.	SURFACE MOUNTED
U O.N.	UNLESS OTHERWISE NOTED
EC, E.C.	ELECTRICAL CONTRACTOR
GC, G.C.	GENERAL CONTRACTOR
MC, M.C.	MECHANICAL CONTRACTOR
PC, P.C.	PLUMBING CONTRACTOR
TYP.	TYPICAL
REQD	REQUIRED
O.C.	ON CENTER
CKT	CIRCUIT
AFF	AWAY FROM FLOOR
CB	CIRCUIT BREAKER
REC.	RECEPTACLE
ACT	ABOVE COUNTERTOP

1. THE DIVISION IS CONTRACTOR SHALL PROVIDE TEMPORARY POWER AND LIGHT IN THE NEW AREAS D, AND E AND THE RECONSTRUCTED AREAS OF THE EXISTING BUILDING.
2. THE POWER PANELS SHALL BE LOCATED IN THE NEW AREAS AND THE EXISTING SHALL BE REMA 3R CONSTRUCTION AND LOCKABLE. ALL OUTLET RECEPTABLES SHALL BE WATERPROOF AND HAVE A COVER THAT ENCLOSURE THE PLUGGED IN CORDS WHILE IN USE AS INTERMEDIATE W/POX. NO WATERPROOF GEAR IN A HOLDING IS NOT ACCEPTABLE.
3. ALL ELECTRICAL SHALL BE PROTECTED BY GFCI AND PROTECTED BY 100 AMP WASHED FLOW. PROVIDE WORK BLOCKING AS REQUIRED. ALL RECEPTABLES OUTLETS SHALL BE 2 GANG DOUBLE BREAK.
4. TEMPORARY LIGHTING SHALL BE CONSTRUCTED OF SINGLE AND DOUBLE 100 WATT CLEAR INCANDESCENT LAMPS, OR EQUIVALENT, AND WATERPROOF RUBBER SOCKETS, SPLICED WITH WATERPROOF CONNECTORS ON FESTOONED ROMEX-TYPE WIRE. ADEQUACY OF ALL TEMPORARY LIGHTING CONFIGURATIONS SHALL BE AS DETERMINED BY THE INSPECTION MANAGER. PRE-ASSEMBLED TEMPORARY LIGHTINGS IS DISALLOWED. TAPS AND SPLICES SHALL BE MADE WITH SCOTCH LOCK CONNECTORS, RUBBER TAP, AND THEN PVC COATED. THE CONNECTORS SHALL BE FILLED WITH PENETROK, A PLASTIC SHAPE SEALANT. ALL SPLICES SHALL BE PROTECTED BY GFCI AND PROTECTED BY 100 AMP WASHED FLOW.

- [illegible]

BEDFORD CENTRAL SCHOOL DISTRICT
PHASE 1A - BOND IMPROVEMENTS
FOX LANE HIGH SCHOOL
632 S BEDFORD RD, BEDFORD, NY 10506

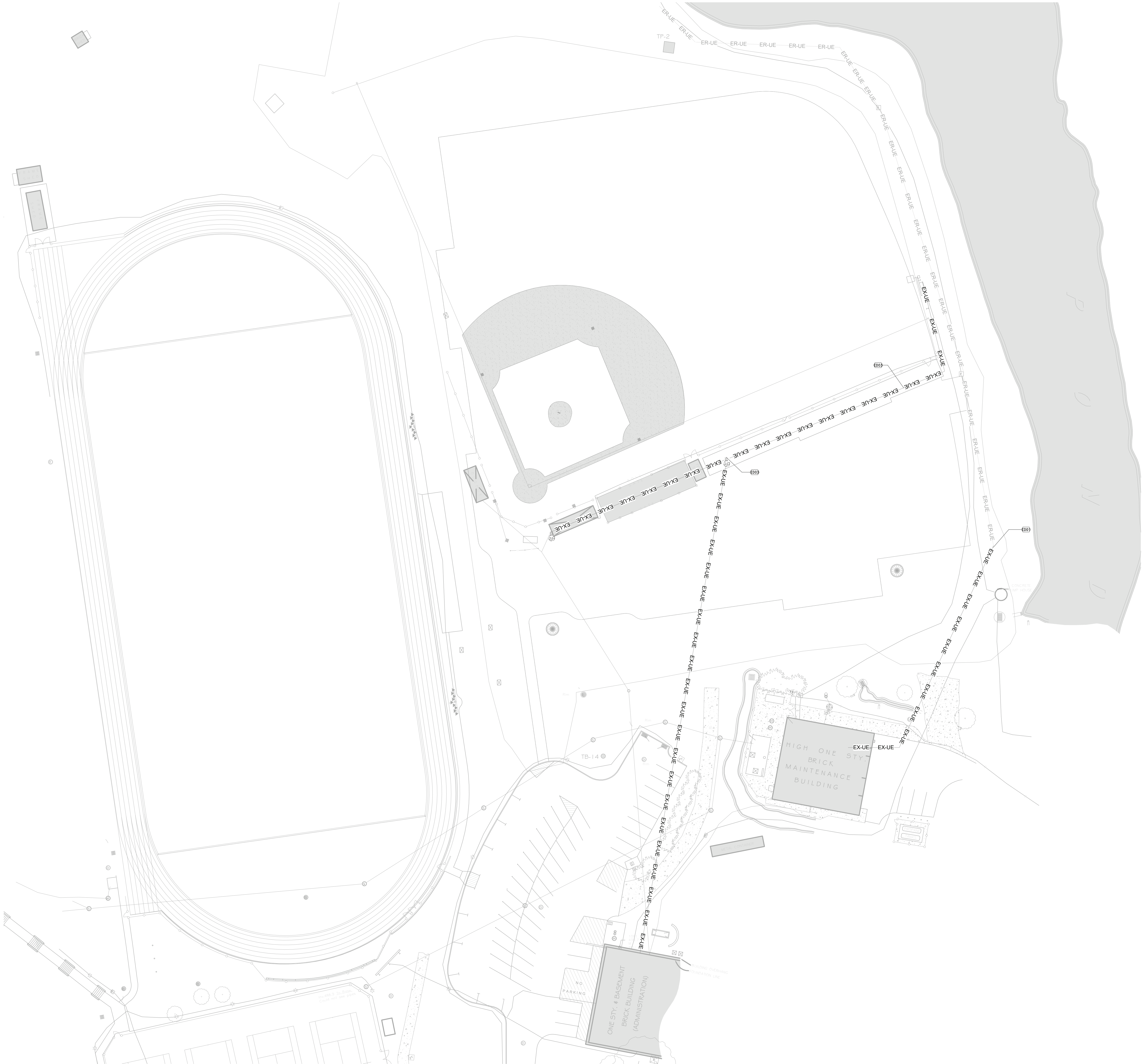
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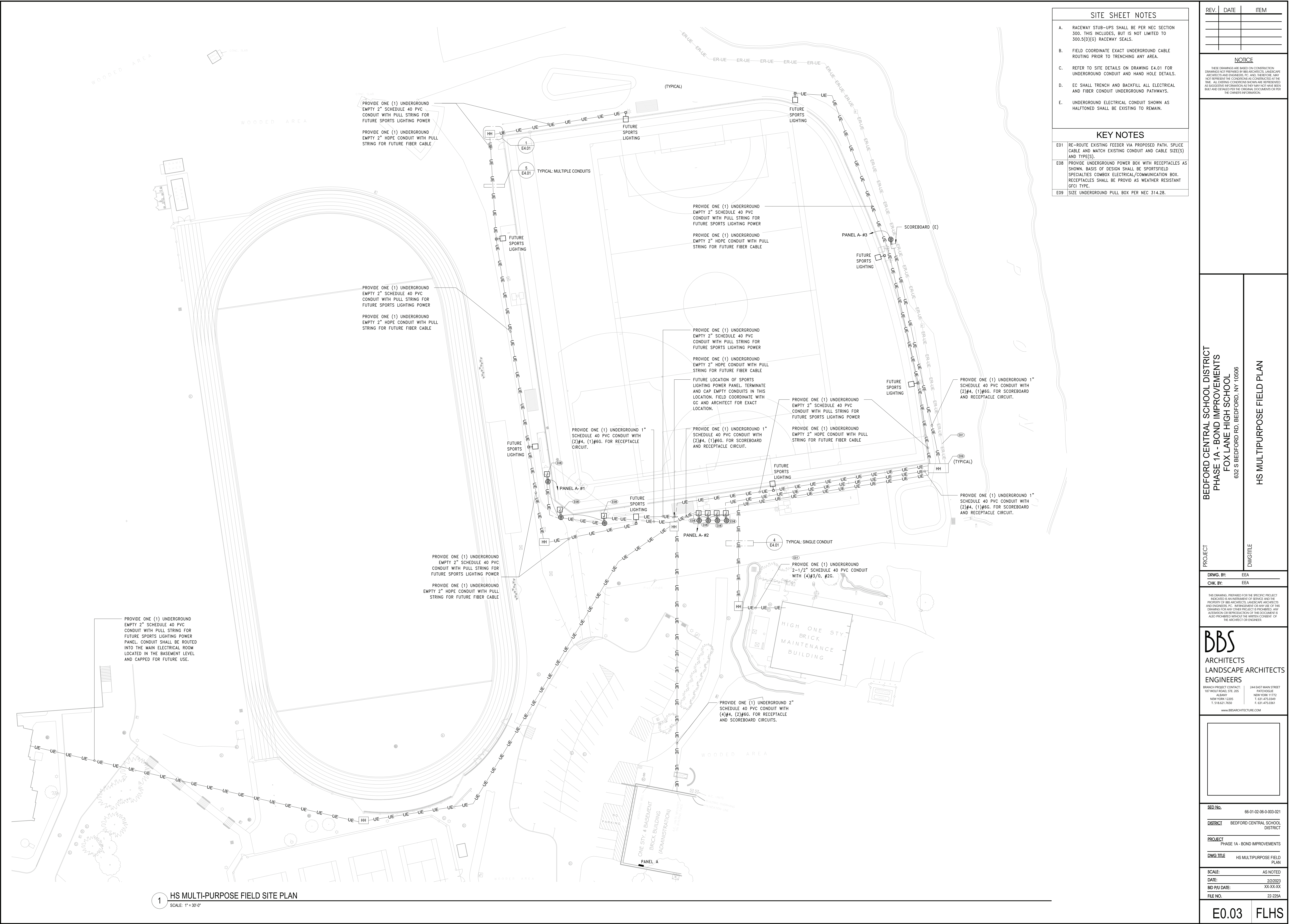
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S&E NO.	66-01-02-06-0-003-021
DISTRICT	BEDFORD CENTRAL SCHOOL DISTRICT
PROJECT	PHASE 1A - BOND IMPROVEMENTS
DWG TITLE	GENERAL NOTES, LEGENDS AND ABBREVIATIONS
SCALE:	AS NOTED
DATE:	2/2/2023
BID P/U DATE:	XX-XX-XX
FILE NO.	22-225A

SITE SHEET NOTES		
REV.	DATE	ITEM
NOTICE		
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ORIGINAL DOCUMENTS		
KEY NOTES		
ED01	UNDERGROUND ELECTRICAL FEEDER TO BE REROUTED TO ALLOW FOR SITE RENOVATION WORK. CUT AND AND REMOVE INDICATED UNDERGROUND FEEDERS. REFER TO DRAWING ED.03 FOR FEEDER PROPOSED REROUTING PATH.	
ED03	DE-ENERGIZE, DISCONNECT AND REMOVE RECEPTACLES AND ASSOCIATED UNDERGROUND POWER FEED FROM ADMIN BUILDING TO FIELD RECEPTACLES AND EXISTING TO REMAIN SCOREBOARD.	

KEY PLAN	
NO SCALE	
PROJECT	BEDFORD CENTRAL SCHOOL DISTRICT PHASE 1A - BOND IMPROVEMENTS FOX LANE HIGH SCHOOL 632 S BEDFORD RD, BEDFORD, NY 10506
	DWG TITLE HS MULTIPURPOSE FIELD DEMOLITION PLAN
DRWG. BY:	Author
CHK. BY:	Checker
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SED. NO.	66-01-02-06-0-003-021
DISTRICT	BEDFORD CENTRAL SCHOOL DISTRICT
PROJECT	PHASE 1A - BOND IMPROVEMENTS
DWG TITLE	HS MULTIPURPOSE FIELD DEMOLITION PLAN
SCALE:	As indicated
DATE:	XX-XX-XX
BID PAU DATE:	DD
FILE NO.	22-225A
E0.02	of FLHS





1 HS MULTI-PURPOSE FIELD SITE PLAN
SCALE: 1" = 30'-0"

SITE SHEET NOTES	
A.	RACEWAY STUB-UPS SHALL BE PER NEC SECTION 300. THIS INCLUDES, BUT IS NOT LIMITED TO 300.5(0)(G) RACEWAY SEALS.
B.	FIELD COORDINATE EXACT UNDERGROUND CABLE ROUTING PRIOR TO TRENCHING ANY AREA.
C.	REFER TO SITE DETAILS ON DRAWING E4.01 FOR UNDERGROUND CONDUIT AND HAND HOLE DETAILS.
D.	EC SHALL TRENCH AND BACKFILL ALL ELECTRICAL AND FIBER CONDUIT UNDERGROUND PATHWAYS.
E.	UNDERGROUND ELECTRICAL CONDUIT SHOWN AS HALFTONED SHALL BE EXISTING TO REMAIN.

KEY NOTES	
E01	RE-ROUTE EXISTING FEEDER VIA PROPOSED PATH. SPLICE CABLE AND MATCH EXISTING CONDUIT AND CABLE SIZE(S) AND TYPE(S).
E08	PROVIDE UNDERGROUND POWER BOX WITH RECEPTACLES AS SHOWN. BASIS OF DESIGN SHALL BE SPORTSFIELD SPECIALTIES COMBOX ELECTRICAL/COMMUNICATION BOX. RECEPTACLES SHALL BE PROVID AS WEATHER RESISTANT GFCI TYPE.
E09	SIZE UNDERGROUND PULL BOX PER NEC 314.28.

REV.	DATE	ITEM

NOTICE

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PROJECT

BEDFORD CENTRAL SCHOOL DISTRICT
PHASE 1A - BOND IMPROVEMENTS
FOX LANE HIGH SCHOOL
632 S BEDFORD RD, BEDFORD, NY 10506

DWG/TITLE

HS MULTIPURPOSE FIELD PLAN

DRWG. BY:	EEA
CHK. BY:	EEA

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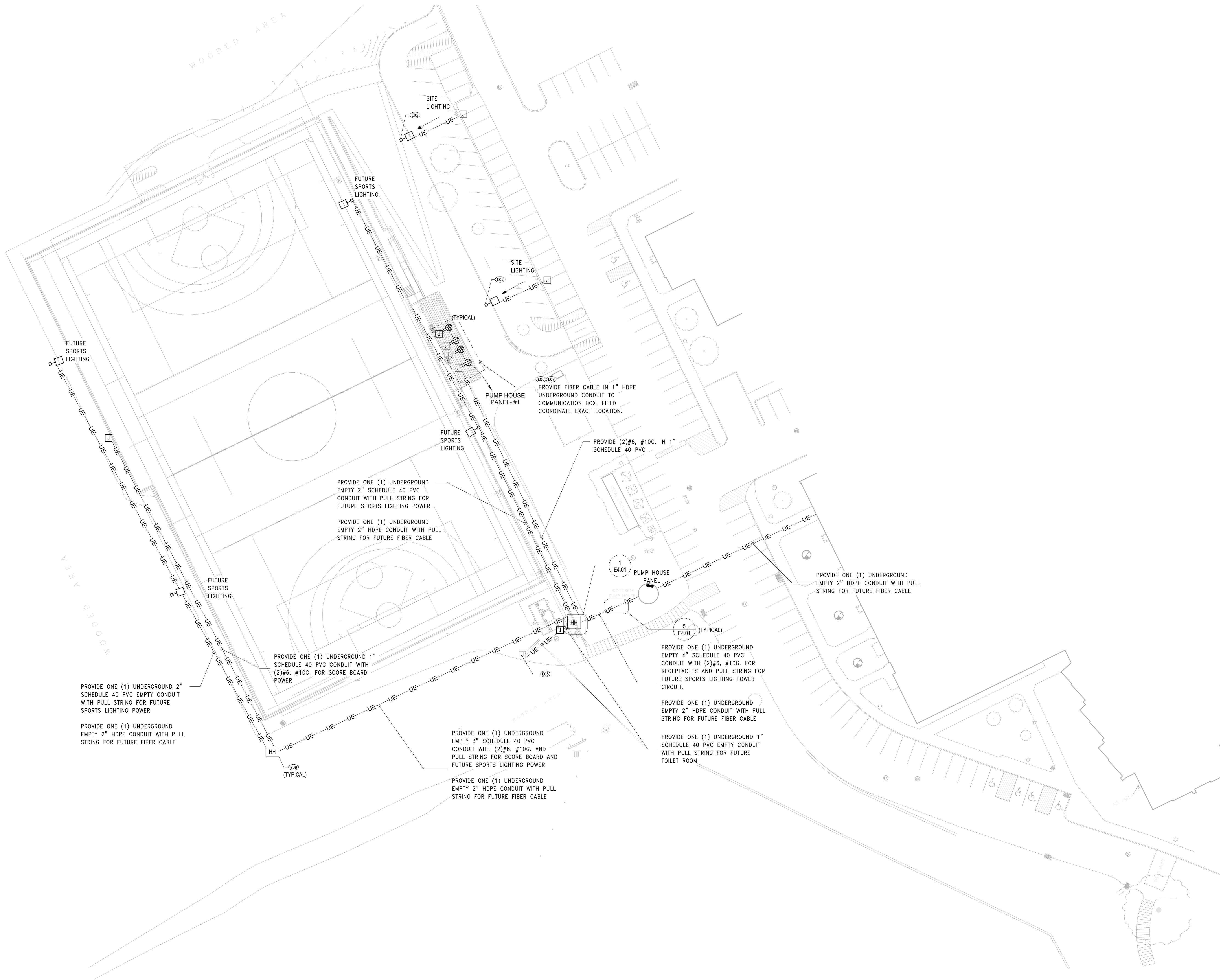
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SED No.	66-01-02-06-0-003-021
DISTRICT	BEDFORD CENTRAL SCHOOL DISTRICT
PROJECT	PHASE 1A - BOND IMPROVEMENTS
DWG TITLE	HS MULTIPURPOSE FIELD PLAN
SCALE:	AS NOTED
DATE:	2/2/2023
BID P/L DATE:	XX-XX-XX
FILE NO.	22-225A

E0.03	FLHS
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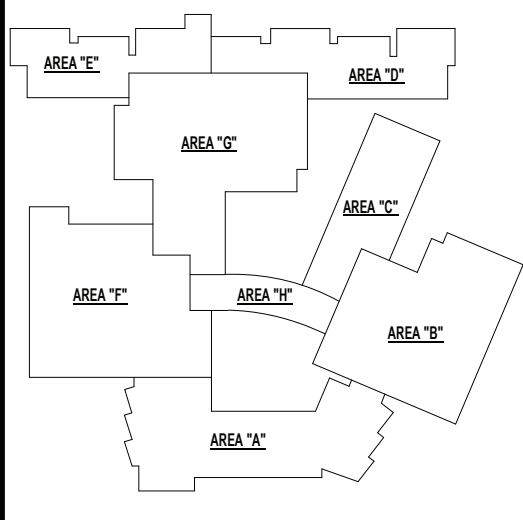


SITE SHEET NOTES		
A.	RACEWAY STUB-UPS SHALL BE PER NEC SECTION 300. THIS INCLUDES, BUT IS NOT LIMITED TO 300.5(D)(G) RACEWAY SEALS.	
B.	FIELD COORDINATE EXACT UNDERGROUND CABLE ROUTING PRIOR TO TRENCHING ANY AREA.	
C.	REFER TO SITE DETAILS ON DRAWING E4.01 FOR UNDERGROUND CONDUIT AND HAND HOLE DETAILS.	
D.	EC SHALL TRENCH AND BACKFILL ALL ELECTRICAL AND FIBER CONDUIT UNDERGROUND PATHWAYS.	
E.	UNDERGROUND ELECTRICAL CONDUIT SHOWN AS HALFTONED SHALL BE EXISTING TO REMAIN.	

KEY NOTES		
E02	RELOCATE SITE LIGHTING FIXTURES AND POLE TO PROPOSED LOCATION AS INDICATED. PROVIDE UNDERGROUND PULLBOX AND SPLICE AND EXTEND EXISTING CABLES MATCHING EXISTING SIZE(S) AND TYPE(S). FIELD VERIFY EXISTING UNDERGROUND FEEDER CHARACTERISTICS.	
E05	EXISTING SCOREBOARD TO BE RELOCATED IN FUTURE PHASE. SCOREBOARD TO REMAIN OPERATIONAL DURING AND AFTER CONSTRUCTION. ANY WORK IN THE AREA OF THE SCOREBOARD, SHALL BE COMPLETED IN A MANNER TO AVOID SCOREBOARD ASSOCIATED CONDUIT AND WIRING.	
E06	PROVIDE UNDERGROUND POWER/DATA COMBINATION BOX. BASIS OF DESIGN SHALL BE SPORTSFIELD SPECIALTIES COMBOX ELECTRICAL/COMMUNICATION BOX.	
E07	PROVIDE FIBER CABLE IN 1" HDPE UNDERGROUND CONDUIT TO UNDERGROUND COMBINATION BOXES. FIELD COORDINATE EXACT LOCATION.	
E09	SIZE UNDERGROUND PULL BOX PER NEC 314.28.	

REV.	DATE	ITEM

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KEY PLAN
NO SCALE

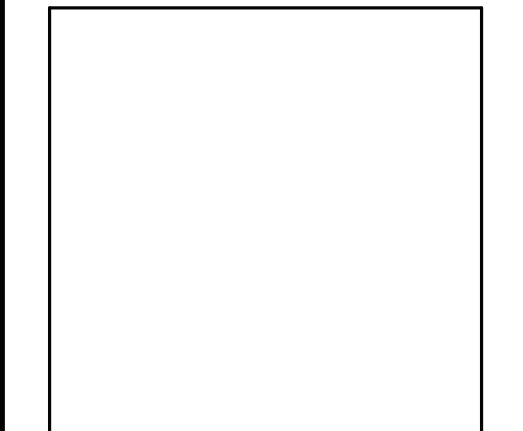
BEDFORD CENTRAL SCHOOL DISTRICT
PHASE 1A - BOND IMPROVEMENTS
FOX LANE HIGH SCHOOL
632 S BEDFORD RD, BEDFORD, NY 10506
HS SITE PLAN - FIELD #4

PROJECT
DWG TITLE

DWG. BY: EEA
CHK. BY: EEA

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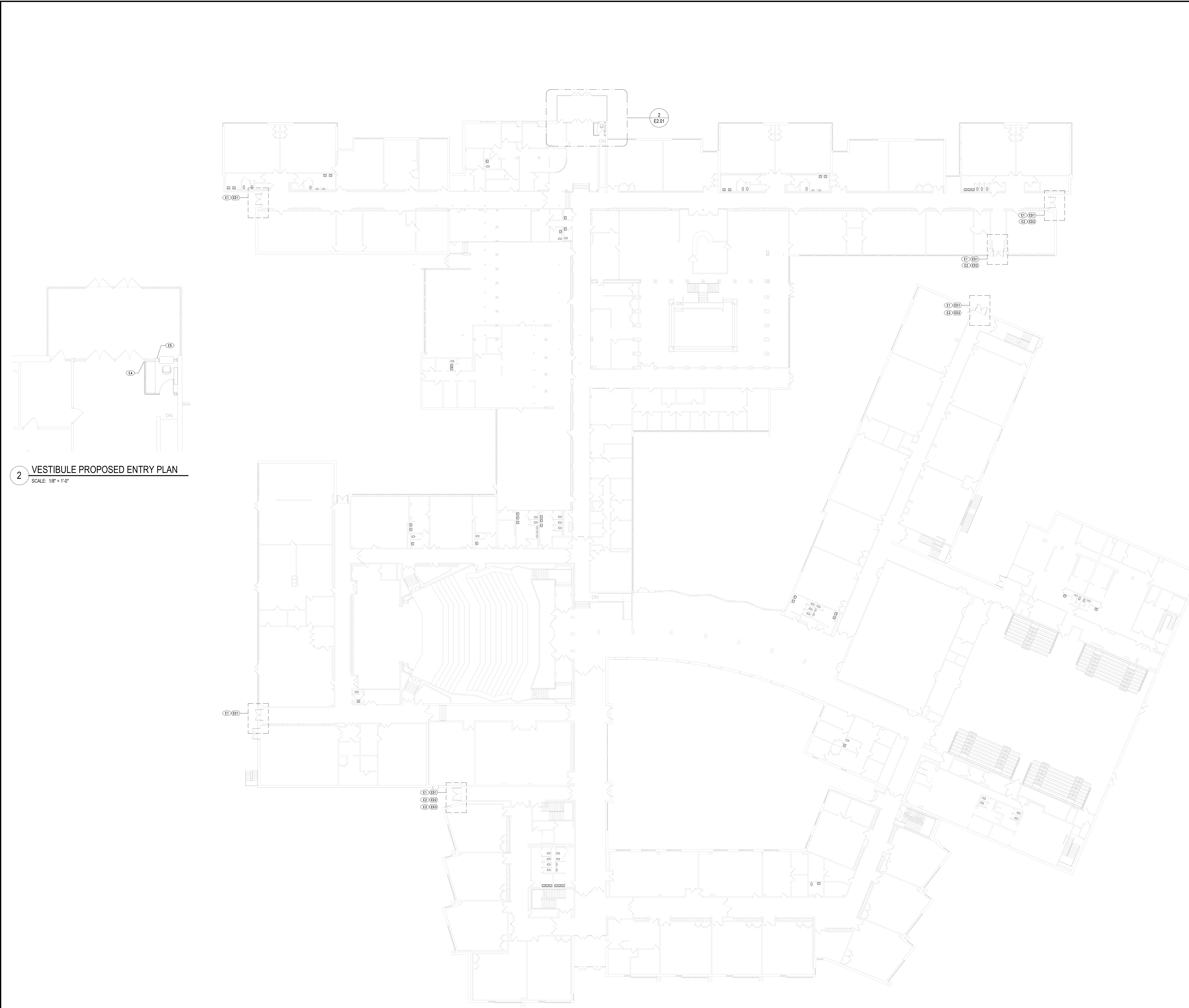
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SHEET NO. 66-01-02-06-0-003-021
DISTRICT BEDFORD CENTRAL SCHOOL DISTRICT
PROJECT PHASE 1A - BOND IMPROVEMENTS
DWG TITLE HS SITE PLAN - FIELD #4
SCALE: AS NOTED
DATE: 2/2/2023
BID P/L DATE: XX-XX-XX
FILE NO. 22-225A

E0.04 **FLHS**

KEY NOTES		REV.	DATE	ITEM
E1	INSTALL DOOR CONTACT AND ACCESS CONTROL PREVIOUSLY REMOVED TO ALLOW FOR DOOR RENOVATION. ROUTE EXISTING CABLING THROUGH DOOR FRAME AS NECESSARY. COORDINATE WITH ARCHITECTURAL PLANS AND GC.			
E2	INSTALL MOTION DETECTOR PREVIOUSLY REMOVED TO ALLOW FOR DOOR RENOVATION. ROUTE EXISTING CABLING THROUGH DOOR FRAME AS NECESSARY. COORDINATE WITH ARCHITECTURAL PLANS AND GC.			
E01	REMOVE AND MAINTAIN EXISTING DOOR CONTACT, ACCESS CONTROL AND ASSOCIATED CONDUIT AND WIRING AT DOOR TO ALLOW FOR DOOR FRAME DEMOLITION AND NEW FRAME INSTALLATION BY G.C. COORDINATE WITH GC FOR ROUTING IN NEW FRAME/DOOR.			
E02	REMOVE AND MAINTAIN EXISTING MOTION DETECTOR AND ASSOCIATED CONDUIT AND WIRING FROM INTERIOR DOOR FRAME AND REINSTALL ON NEW DOOR FRAME.			
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		KEY PLAN		
		NO SCALE		
		<div><div>BEDFORD CENTRAL SCHOOL DISTRICT PHASE 1A - BOND IMPROVEMENTS FOX LANE HIGH SCHOOL 632 S BEDFORD RD, BEDFORD, NY 10606</div><div>PROJECT</div><div>DWG TITLE</div><div>BASEMENT FLOOR PLAN</div></div>		
		<div>DWG. BY: Author</div> <div>CHK. BY: Checker</div> <div>THIS DRAWING, PREPARED FOR THE SPECIFIC PROJECT INDICATED IS AN INSTRUMENT OF SERVICE AND THE PROPERTY OF BBS ARCHITECTS, LANDSCAPE ARCHITECTS AND ENGINEERS, P.C.. IMPROVEMENT OR ANY USE OF THIS DRAWING FOR ANY OTHER PROJECT IS PROHIBITED. ANY ALTERATION OR REPRODUCTION OF THIS DOCUMENT IS ALSO PROHIBITED WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT OR ENGINEER.</div>		
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		<div><div>SED No.</div><div>66-01-02-06-0-003-021</div><div>DISTRICT</div><div>BEDFORD CENTRAL SCHOOL DISTRICT</div><div>PROJECT</div><div>PHASE 1A - BOND IMPROVEMENTS</div><div>DWG TITLE</div><div>BASEMENT FLOOR PLAN</div><div>SCALE:</div><div>3/32" = 1'-0"</div><div>DATE:</div><div>XX-XX-XX</div><div>BID P/L DATE:</div><div>01/31/23</div><div>FILE NO.</div><div>22-225A</div></div>		
		<div>E2.00 OF FLHS</div>		



2 VESTIBULE PROPOSED ENTRY PLAN
SCALE: 1/8" = 1'-0"

1 VESTIBULE PROPOSED PLAN
SCALE: 3/16" = 1'-0"

KEY NOTES		REV.	DATE	ITEM
E1	INSTALL DOOR CONTACT AND ACCESS CONTROL PREVIOUSLY REMOVED TO ALLOW FOR DOOR RENOVATION. ROUTE EXISTING CABLING THROUGH DOOR FRAME AS NECESSARY. COORDINATE WITH ARCHITECTURAL PLANS AND GC.			
E2	INSTALL MOTION DETECTOR PREVIOUSLY REMOVED TO ALLOW FOR DOOR RENOVATION. ROUTE EXISTING CABLING THROUGH DOOR FRAME AS NECESSARY. COORDINATE WITH ARCHITECTURAL PLANS AND GC.			
E3	RE-USE EXISTING CIRCUIT AND CONNECT TO PROPOSED DOOR OPERATOR. COORDINATE WITH ARCHITECTURAL PLAN AND GC.			
E4	DISCONNECT, REMOVE AND RELOCATE EXISTING CARD READER. CARD READER TO BE REINSTALLED ON NEW WINDOW MULLION. FIELD COORDINATE EXACT LOCATION WITH GC.			
E5	REMOVE AND RE-INSTALL EXISTING CONDUIT LOCATED ON UPPER MULLION AS REQUIRED FOR NEW WINDOW FRAMING. FIELD COORDINATE EXACT LOCATION WITH GC.			
ED1	REMOVE AND MAINTAIN EXISTING DOOR CONTACT, ACCESS CONTROL AND ASSOCIATED CONDUIT AND WIRING AT DOOR TO ALLOW FOR DOOR FRAME DEMOLITION AND NEW FRAME INSTALLATION BY G.C. COORDINATE WITH GC FOR ROUTING IN NEW FRAME/DOOR.			
ED2	REMOVE AND MAINTAIN EXISTING MOTION DETECTOR AND ASSOCIATED CONDUIT AND WIRING FROM INTERIOR DOOR FRAME AND REINSTALL ON NEW DOOR FRAME.			
ED3	DISCONNECT, REMOVE AND MAINTAIN EXISTING DOOR OPERATOR BRANCH CIRCUIT FOR RE-USE WITH PROPOSED DOOR OPERATOR.			

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PROJECT

BEDFORD CENTRAL SCHOOL DISTRICT
PHASE 1A - BOND IMPROVEMENTS
FOX LANE HIGH SCHOOL
632 S BEDFORD RD, BEDFORD, NY 10506

DWG TITLE

FIRST FLOOR PLAN

DRWG. BY:

Author

CHK. BY:

Checker

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SED NO.

66-01-02-06-0-003-021

DISTRICT

BEDFORD CENTRAL SCHOOL DISTRICT

PROJECT

PHASE 1A - BOND IMPROVEMENTS

DWG TITLE

FIRST FLOOR PLAN

SCALE:

AS NOTED

DATE:

2/2/2023

BID P/U DATE:

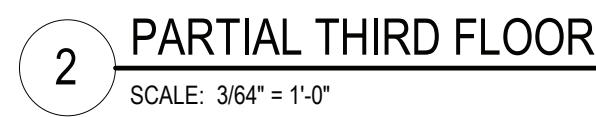
XX-XX-XX

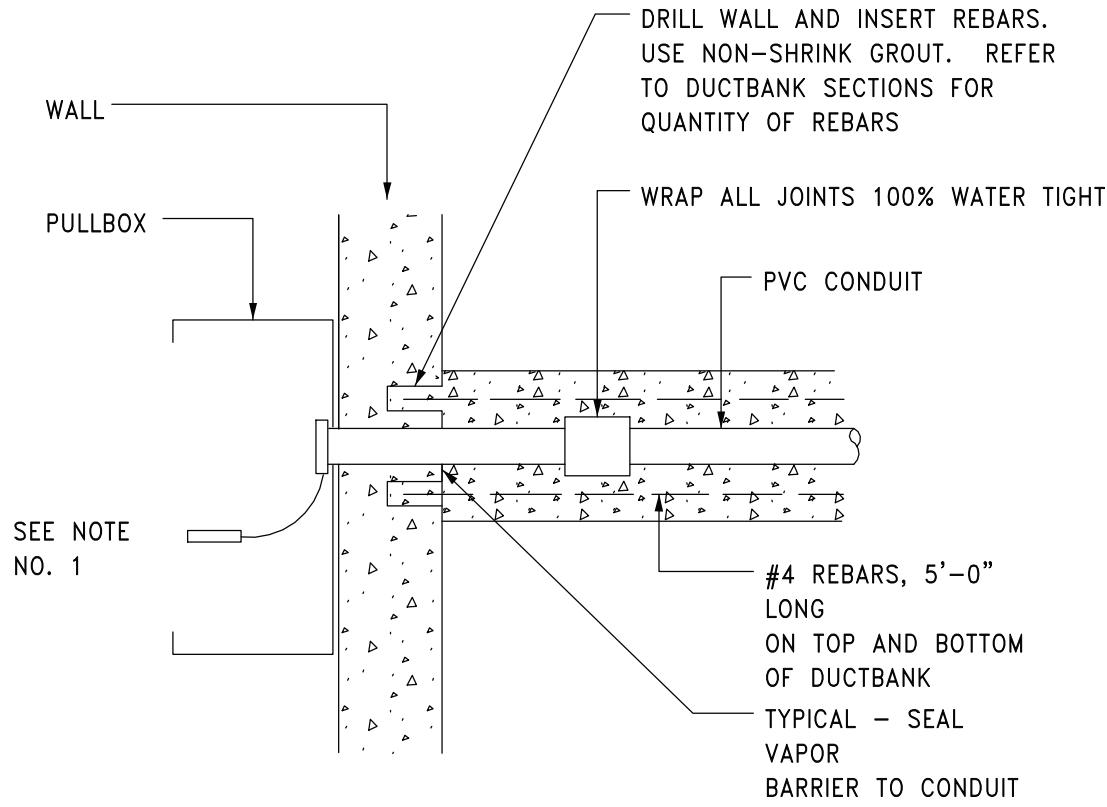
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E2.01

FLHS

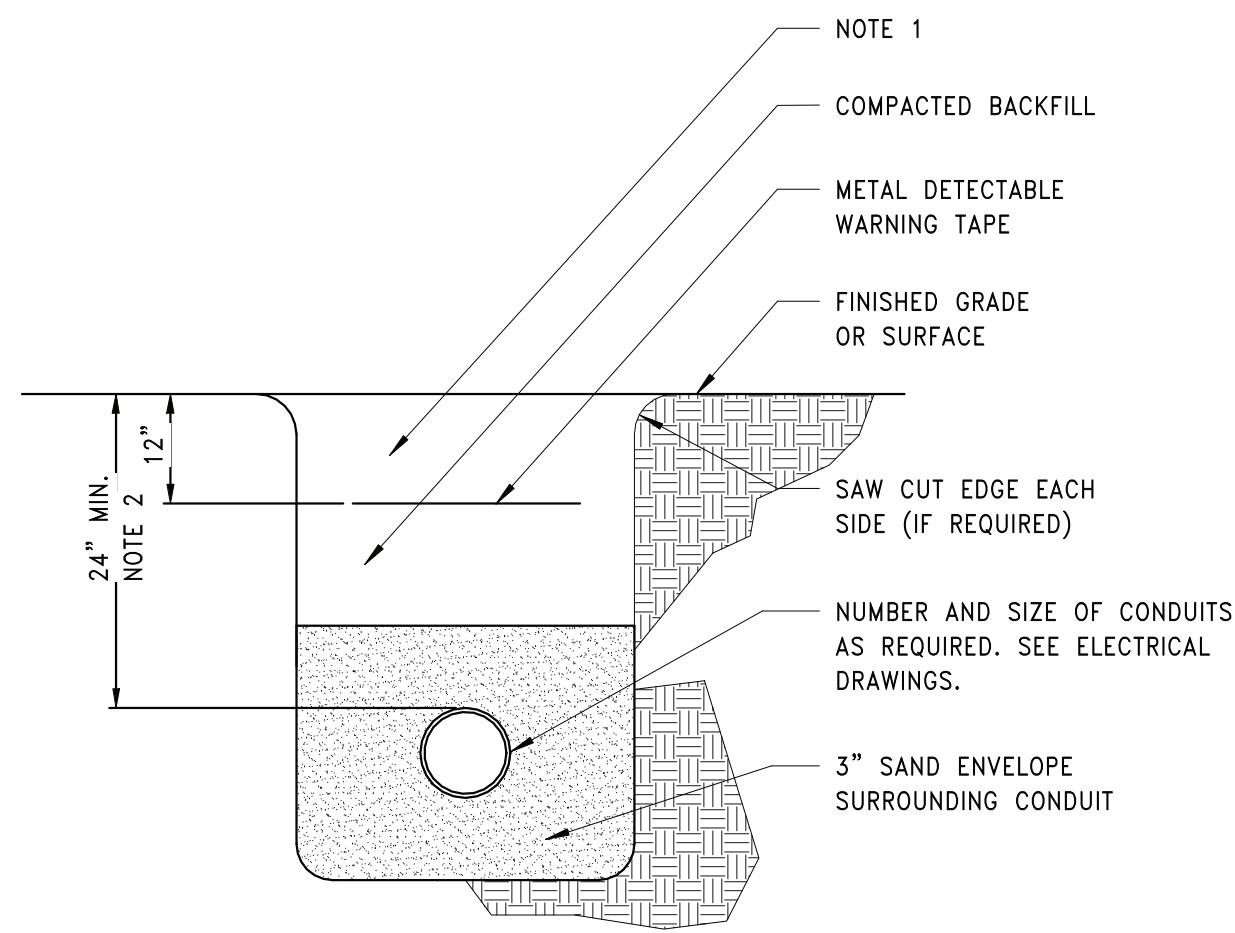
[illegible][illegible]



DETAIL NOTES:
A. AT EACH CONDUIT, PROVIDE AN ENGRAVED PLASTIC NAMEPLATE, INDICATING CONDUIT NO., AND ATTACH TO CONDUIT WITH NYLON CABLE TIE.

7 CONDUIT PENETRATION INTO BUILDING DETAIL

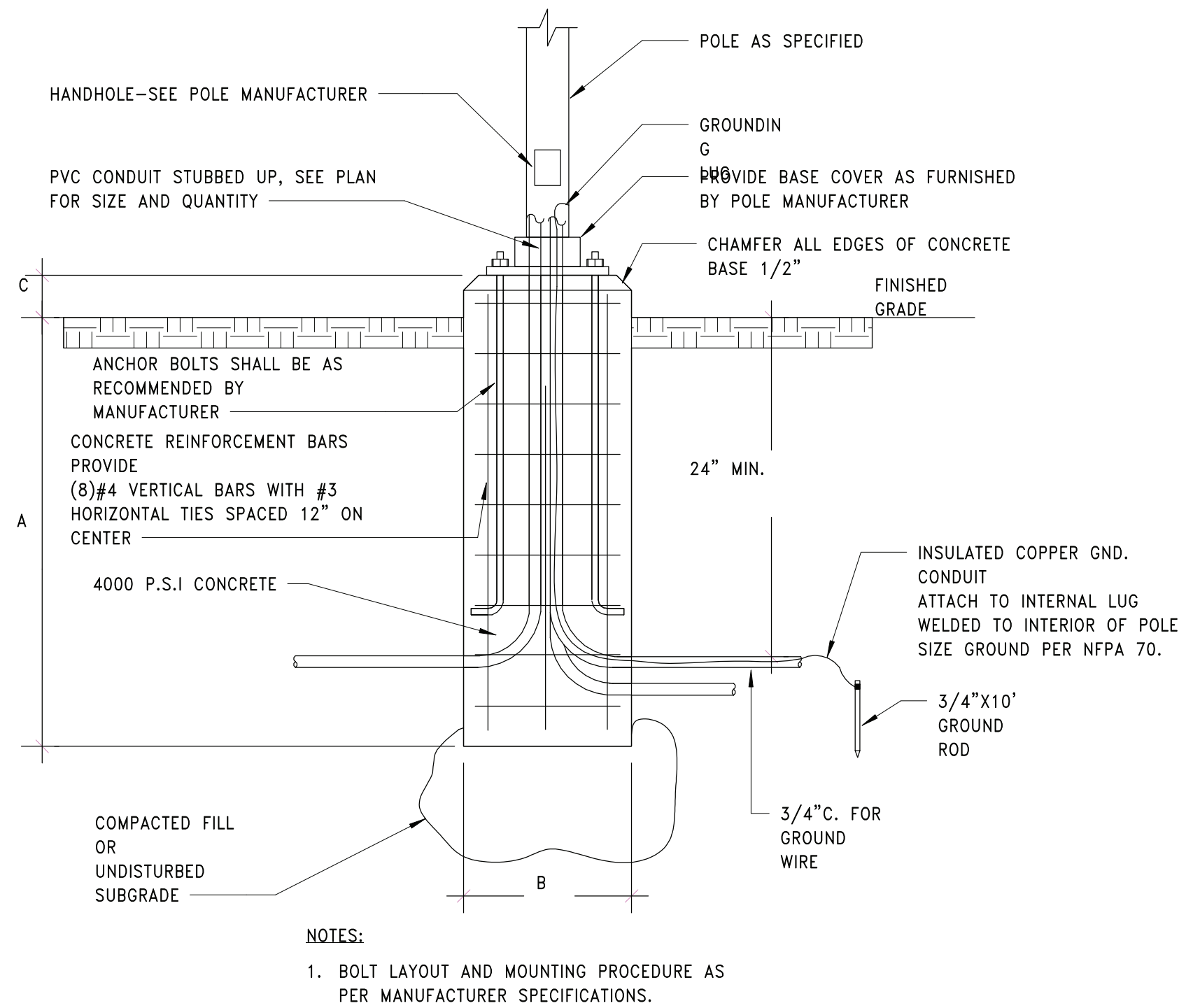
SCALE: NTS



NOTE
1. REPLACE EXISTING SURFACE CONDITIONS IN KIND TO INCLUDE, BUT NOT LIMITED TO: CONCRETE, CRUSHED STONE, SELECT GRAVEL, ASPHALT, TOPSOIL AND GRASS.
2. 24" MIN. OR 6" BELOW BOTTOM OF FROST LINE, WHICHEVER IS DEEPER.

4 TYPICAL DIRECT BURIED CONDUIT DETAIL

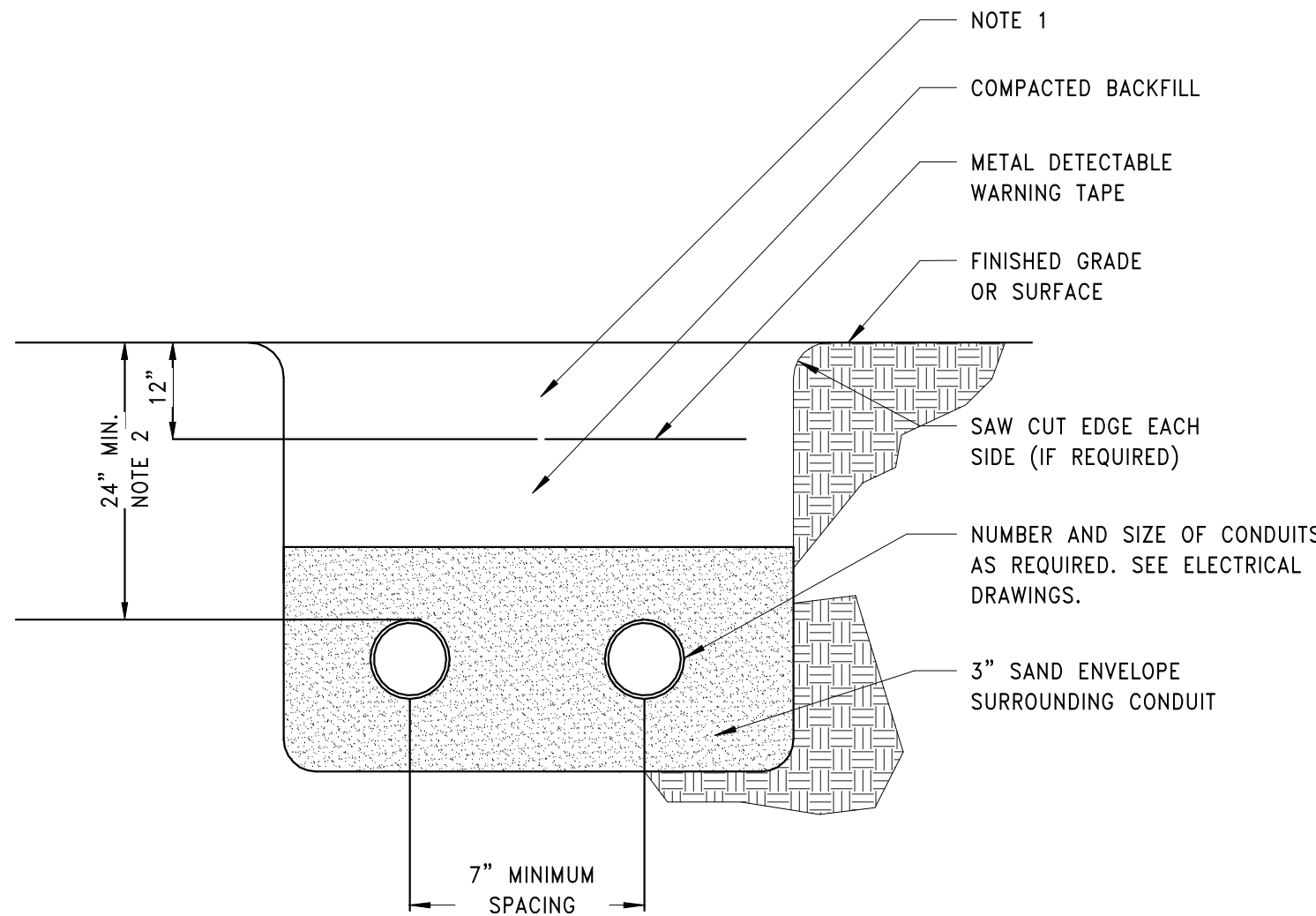
SCALE: NTS



POLE HEIGHT	A	B	POLE SURFACE	C
(8' - 12')	(36")	(12")	GRASS	(12")
(13' - 20')	(42")	(16")	PAVEMENT	(36")
(21' - 25')	(72")	(24")		

3 POLE BASE DETAIL

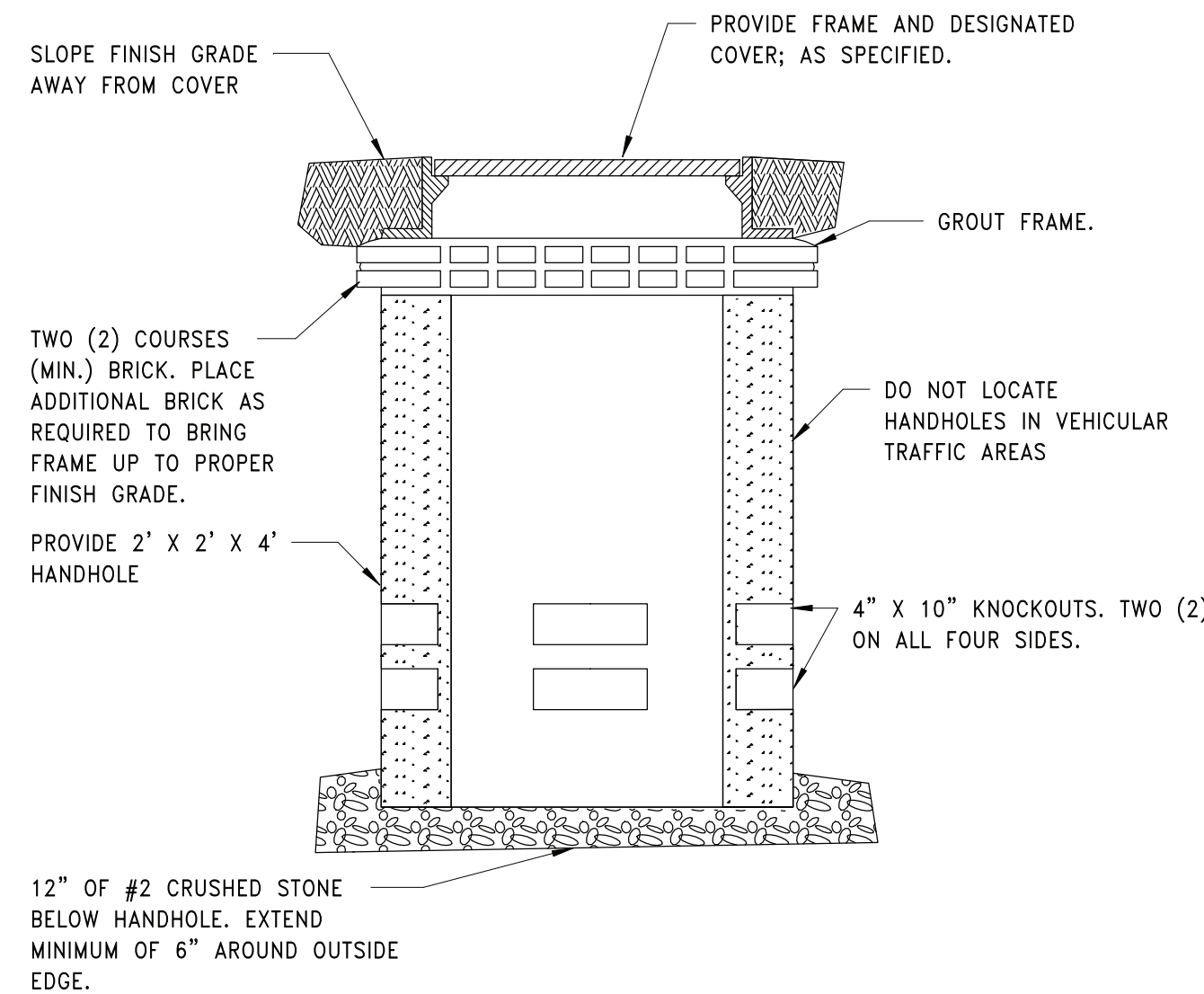
SCALE: NTS



NOTE
1. REPLACE EXISTING SURFACE CONDITIONS IN KIND TO INCLUDE, BUT NOT LIMITED TO: CONCRETE, CRUSHED STONE, SELECT GRAVEL, ASPHALT, TOPSOIL AND GRASS.
2. 24" MIN. OR 6" BELOW BOTTOM OF FROST LINE, WHICHEVER IS DEEPER.

5 TYPICAL DIRECT BURIED CONDUIT DETAIL - MULTIPLE

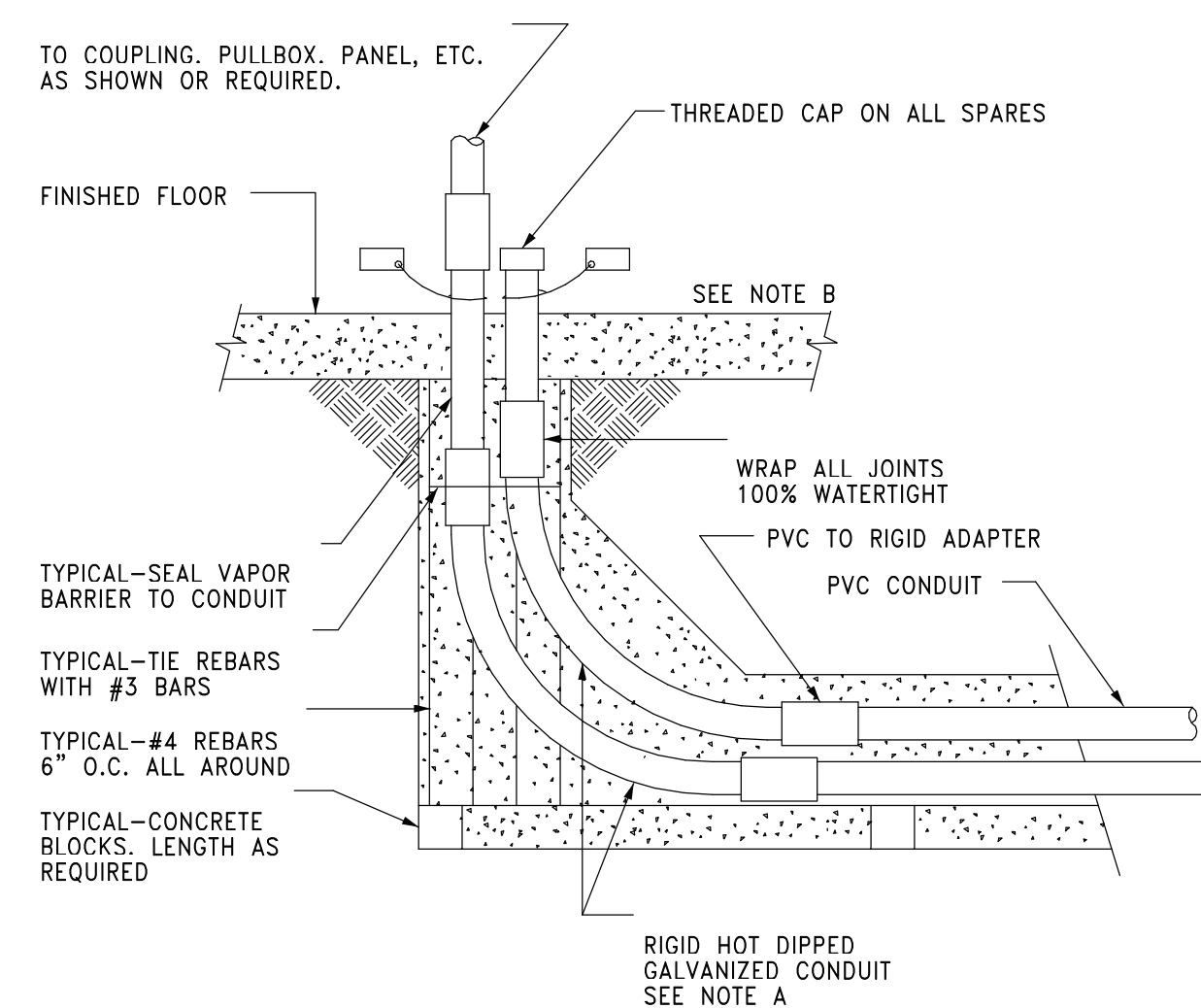
SCALE: NTS



DETAIL NOTES:
A. ALLOW SUFFICIENT SLACK CABLE SO SPLICES CAN BE MADE ABOVE GRADE OUTSIDE OF HANDHOLE. LOWER SPLICE AND SLACK CABLE INTO HANDHOLE IN A NEAT ARRANGEMENT.

2 HAND HOLE DETAIL

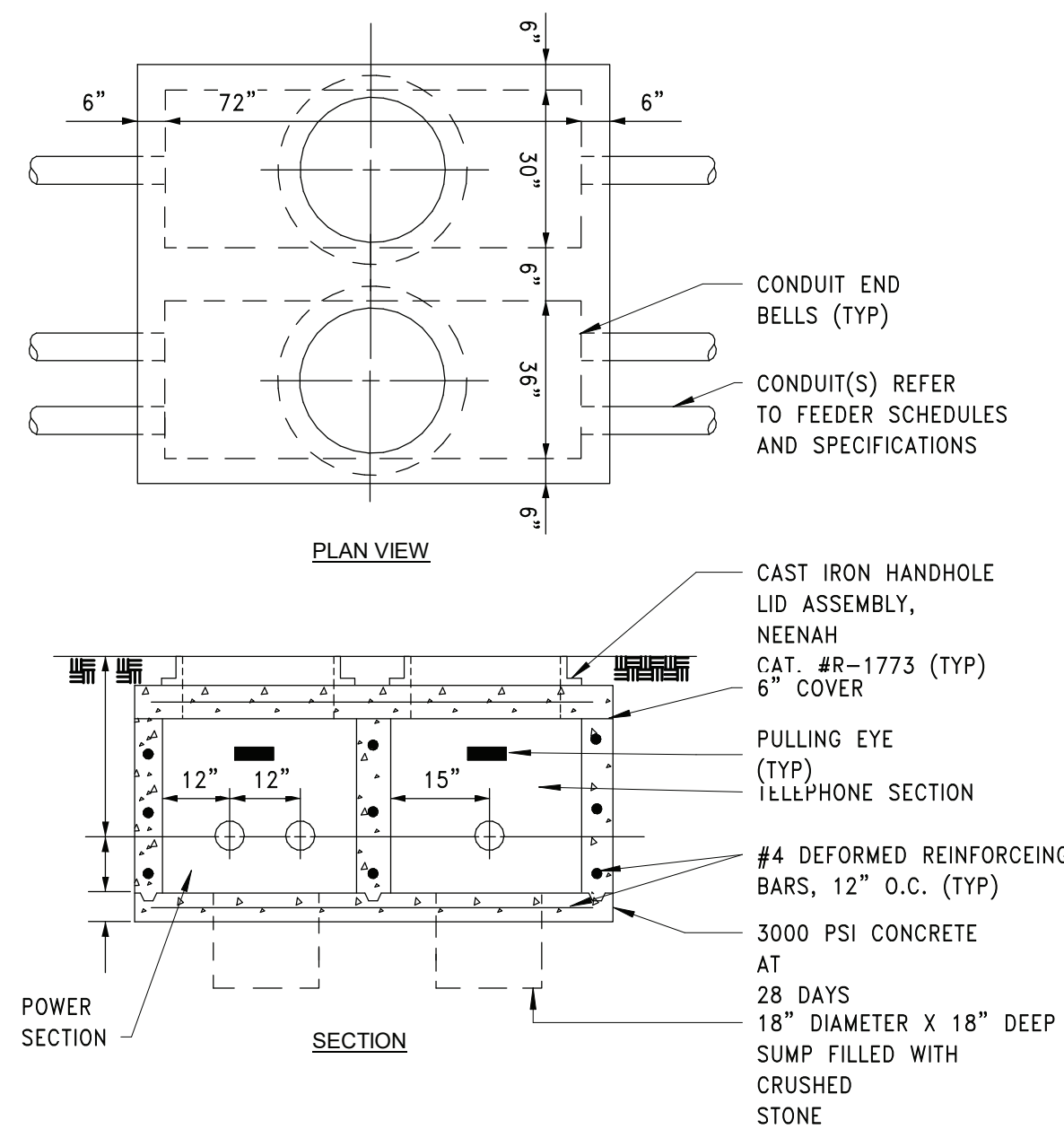
SCALE: NTS



DETAIL NOTES:
A. WHERE CONDUIT STUBS UP UNDER FLOOR MOUNTED EQUIPMENT SUCH AS SWITCHGEAR, PROVIDE PVC ELBOWS IN LIEU OF RIGID SHOWN.
B. AT EACH CONDUIT STUB-UP, AFFIX ENGRAVED PLASTIC NAMEPLATE INDICATING CONDUIT NO. OR CIRCUIT IDENTIFICATION. ATTACH WITH NYLON CABLE TIE.

6 CONDUIT STUB UP INSIDE BUILDING DETAIL

SCALE: NTS



1 COMBINATION POWER AND DATA HH DETAIL

SCALE: NTS

REV.	DATE	ITEM

NOTICE
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PROJECT
BEDFORD CENTRAL SCHOOL DISTRICT
PHASE 1A - BOND IMPROVEMENTS
FOX LANE HIGH SCHOOL
632 S BEDFORD RD, BEDFORD, NY 10506
DWG TITLE
ELECTRICAL DETAILS

DRWG. BY: Author
CHK. BY: Checker

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PROJECT
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2/2/2023
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