

KATONAH-LEWISBORO UFSD

MEADOW POND ES ADDITIONS + ALTERATIONS

185 SMITH RIDGE ROAD, SOUTH SALEM, NY 10590

CONSTRUCTION DOCUMENTS - ISSUED FOR BID

MARCH 22, 2024

**MEADOW POND ES
ADDITIONS +
ALTERATIONS**

KG+D Project No.
2023-1017

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COVER

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ABBREVIATIONS

ACM	ASBESTOS CONTAINING MATERIAL	GALV	GALVANIZED	QTY	QUANTITY
ACP	ALUMINUM COMPOSITE PANEL	GFB	GROUND FACE BLOCK	QT	QUARRY TILE
ACPL	ACOUSTIC PANEL	GFRG	GLASS FIBER REINFORCED GYPSUM	QTY	QUANTITY
ACT	ADJUSTABLE	GL	GLASS	QTY	QUANTITY
ADJ	ADJUSTABLE	GWB	GYPSUM WALLBOARD	RCP	REFLECTED CEILING PLAN
AG	AIR CONDITIONING	H	HEIGHT AFF	REFL	REFLECTED
ARCH	ARCHITECTURAL EXPOSED STRUCT STEEL	HDW	HARDWARE	REQD	REQUIRED
AFF	ABOVE FINISH FLOOR	HDWD	HARDWOOD	RB	RUBBER BASE
AHAP	AS HIGH AS POSSIBLE	HD	HEAD	RET	RETURN
AL ALUM	ALUMINUM	HDR	HEADER	RA	RETURN AIR
AMP	ACRYLIC MODIFIED POLYESTER	HVAC	HEATING, VENTILATING, AIR CONDITIONING	REV	REVISED/REVISION
APPROX	APPROXIMATE	HR	HOUR	RF	REQUEST FOR INFORMATION
BEPO	BROADCAST EPOXY	HT	HEIGHT	RO	ROUGH OPENING
BTW	BETWEEN	HM	HOLLOW METAL	RTO	RUBBER TREAD/TILE
BLKG	BLOCKING	HMF	HOLLOW METAL FRAME	RTB	RUBBER TREAD BASE
BOT, BOT1	BOTTOM	HORIZ	HORIZONTAL	RTT	RESILIENT TERRAZZO TILE
BLDG	BUILDING	HC	HANDICAP	RW	RESCUE WINDOW
BL	BUILDING LINE	IF	INSIDE FACE	S	SAFETY GLAZING/SEE SPEC
BM	BEAM	IN	INCHES	SCHED	SCHEDULE/SCHEDULED
BR	BRICK	INCL	INCLUDING/INCLUSIVE	SECT	SECTION
CAB	CABINET	INFO	INFORMATION	SFB	SPLIT FACE BLOCK
CB	CEMENT BOARD	INSUL	INSULATION	SH	SHELVING/SHELF/SHELVES
CI	CAST IRON	INT	INTERIOR	SM	SIMILAR
CFMF	COLD FORMED METAL FRAMING	JC	JANITOR'S CLOSET	SLT	SLATE
CLG, CLNG	CEILING	JK	JOINT	STC	SOUND TRANSMISSION CLASS
CL	CENTER LINE, CLASSROOM	JT	JOINT	SPFC	SPECIFICATION
CMU	CONCRETE MASONRY UNIT	KPL	KICK PLATE	SQFT	SQUARE FOOT
COLM	COLUMN	KD	KNOCKDOWN	ST	SAND, STRAIN & SEAL
CONC	CONCRETE	KO	KNOCKOUT	STSL	STAINLESS STEEL
CONF	CONFERENCE	LAM	LAMINATED	STL	STEEL
CONSTR	CONSTRUCTION CONTRACTOR	LAMGL	LAMINATED GLASS	STR	STRUCTURAL/STRUCTURE
CONTR	CONTRACTOR	LGT	LIGHTING	SUSP	SUSPENDED/SUSPENSION
CONT	CONTINUOUS	LWL	LIGHT WEIGHT CONCRETE	T	TOP
COORD	COORDINATE	LWC	LIGHT WEIGHT CONCRETE	TB	TACKBOARD
CPT	CARPET	LNG	ANGLEUM	TBD	TO BE DETERMINED
CR	CARD READER	LMF	LIGHT METAL FRAMING	TERR	TERRAZZO
CT	CERAMIC TILE	LNF	LIGHT METAL FRAMING	TFP	TOP FINISHED FLOOR
CTB	CERAMIC TILE BASE	LNF	LIGHT METAL FRAMING	TGP	TEMPERED GLASS
DA	DEVICE ARRANGEMENT	MAINT	MAINTAIN/MAINTENANCE	THRMO	THERMOSTAT
DET	DETAIL	MAX	MAXIMUM	T&B	TOP AND BOTTOM
DF	DRINKING FOUNTAIN	MBL	MARBLE	TOP	TOP OF
DM	DIMENSION	MFG	MANUFACTURER	TOS	TOP OF STEEL
DR	DOOR	MSNRY	MASONRY	TOSS	TOP OF STRUCTURAL SLAB
DN	DOWN	MO	MASONRY OPENING	TOES	TOP OF EXISTING SLAB
DWG	DRAWING	MATL	MATERIAL	TRT	TERRAZZO RESILIENT TILE
EE	EACH END	MECH	MECHANICAL	TYP	TYPICAL
EFS	EXTERIOR INSULATION FINISH SYSTEM	MT	MONITOR	UNFIN	UNFINISHED
ELEV	ELEVATION	MTL	METAL	UNO, UNON	UNLESS NOTED OTHERWISE
ELEVEV	ELECTROELECTRICAL	MCP	METAL COMPOSITE PANEL	URNAL	URNAL
ENCL	ENCLOSURE	MCB	METAL CORNER BEAD	URL	UTILITY
EOD	EDGE OF DECK	MIS	MISCELLANEOUS	VAT	VINYL ASBESTOS TILE
EOP	EDGE OF POOR STOP	MIS	MISCELLANEOUS	VCT	VINYL COMPOSITE TILE
EQ	EQUAL	MKG	MOUNTING	VEN	VENER
ES	EACH SIDE	MTG	MOUNTING	VERT	VERTICAL
EXIST	EXISTING	NIC	NOT IN CONTRACT	VET	VINYL ENHANCED TILE
ETR	EXISTING TO REMAIN	NTS	NOT TO SCALE	VIF	VERIFY IN FIELD
ETRE	EXISTING TO BE RELOCATED	NO	NUMBER	VRS	VINYL REDUCER STRIP
EXP JT	EXPANSION JOINT	OC	ON CENTER	VT	VINYL TILE
EXT, EXTR	EXTERIOR	OPNG	OPENING	VWC	VINYL WALL COVERING
EW	EACH WAY	OPP	OPPOSITE	WB	WHITEBOARD
FAB	FABRIC	OPNG	OPENING	WC	WATER CLOSET
FTF	FACE TO FACE	OH	OPPOSITE HAND	WF	WATER FOUNTAIN
FIN	FINISHED	OTS	OPEN TO STRUCTURE	WGL	WIRE GLASS
FA	FIRE ALARM	OUT	OUTLET	W	WITH
FD	FLOOR DRAIN	OF	OUTSIDE DIAMETER	WC	WHEEL CHAIR
FDM	FIRE DAMPER	P, PTD	PAINTED	WDM	WALK OFF MAT
FE	FIRE EXTINGUISHER	PT	PORCELAIN TILE	WD	WOOD
FEC	FIRE EXTINGUISHER CABINET	PTB	PORCELAIN TILE BASE	WD BLKG	WOOD BLOCKING
FF	FACTORY FINISHED	PR	PAIR	WD DR	WOOD DOOR
FHC	FIRE HOSE CABINET	PR	PAIR	WR	WATERPROOFING
FHVC	FIRE HOSE VALVE CABINET	PNL	PANEL	WR	WARRANTY
FR	FIRE RATED	PTN	PARTITION	WP	WINDOW WALL
FRD	FRENCH DRAIN	PL	PLATE / PROPERTY LINE	YD	YARD
FRP	FIBERGLASS REINFORCED POLYESTER	PLM	PLASTIC LAMINATE	YCD	YARD CLEANOUT
FRTD	FIRE RETARDANT	PLMB	PLUMBING	ZC	ZINC COATED COPPER
FX	FIXTURE	PLYWD	PLYWOOD	ZCC	ZINC COMPOSITE PANEL
FL	FLOOR	PTWD	PRESERVATIVE TREATED WOOD	ZT	ZINC TILE SYSTEM
FLUR	FLUORESCENT				
FLM	FLUSH MOUNTED				
FT	FOOT/FEET				
FDN	FOUNDATION				
FRITZ	FRITZ FLOOR (RTI) TILE				

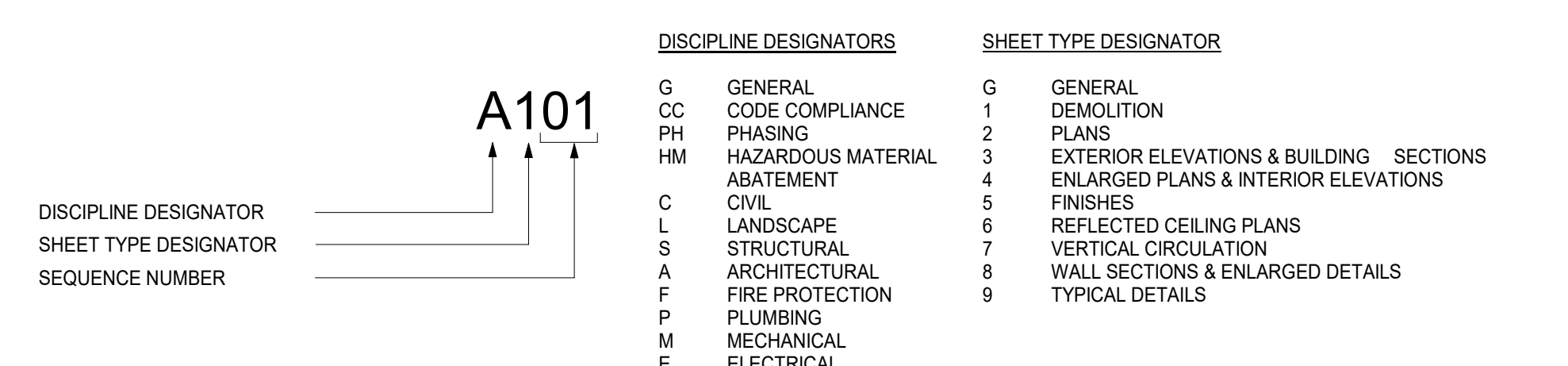
1 - PROJECT INFORMATION

NYSED NUMBER	66-01-01-03-0-007-016
OWNER	KATONAH-LEWISBORO SCHOOL DISTRICT 60 N SALEM ROAD CROSS RIVER, NEW YORK 10518
TELEPHONE:	914.763.7000
PROJECT LOCATION	MEADOW POND ELEMENTARY SCHOOL 185 SMITH RIDGE ROAD SOUTH SALEM, NEW YORK 10590
TYPE OF PROJECT	ADDITIONS & ALTERATIONS
PROJECT COMMENCEMENT	SPRING 2024
PROJECT COMPLETION	SUMMER 2025
APPLICABLE CODES	2020 NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE 1998 MANUAL OF PLANNING STANDARDS, THE UNIVERSITY OF THE STATE OF NEW YORK, THE STATE EDUCATION DEPARTMENT ANSI A117, 1-09 ACCESSIBLE & USABLE BUILDINGS & FACILITIES
WORK AREAS	ALTERATION LEVEL 2 NEW CONSTRUCTION EXISTING AREAS TO REMAIN (NO WORK) SEE DRAWING CC.2 FOR WORK AREA PLANS
PROJECT DESCRIPTION:	THIS PROJECT COMPRISES ADDITIONS AND ALTERATIONS TO AN EXISTING ELEMENTARY SCHOOL. THE SCOPE INCLUDES THE ADDITION OF A SMALL SECURITY VESTIBULE AT THE MAIN ENTRANCE. ALTERATIONS INCLUDE INTERIOR RENOVATIONS TO THE LIBRARY AND THE ADJACENT STEM LAB. THERE ARE NECESSARY UPGRADES TO PLUMBING INFRASTRUCTURE, SINGLE PANE WINDOWS, AND COMMON SPACES (FLOORING, LIGHTING AND RECONFIGURATION OF PARTITIONS FOR SGI SPACES).

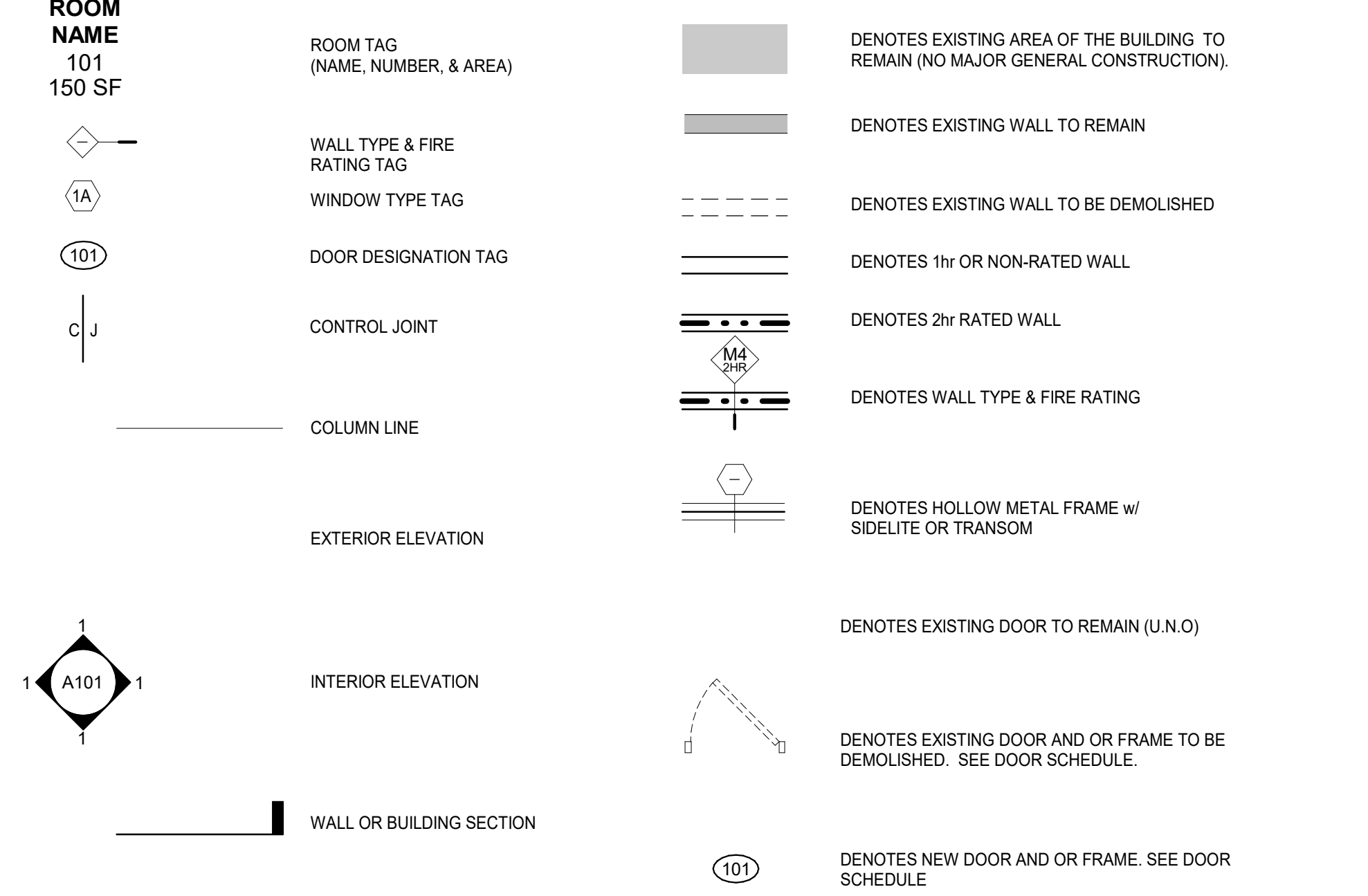
2 - USE, CLASSIFICATION, & BUILDING HEIGHTS AND AREAS

EXISTING BUILDING						
USE & OCCUPANCY CLASSIFICATION:	E					
CONSTRUCTION TYPE:	2B					
BUILDING HEIGHT & AREA:	PERMITTED ACTUAL					
HEIGHT	55'-0"	12' +/-				
STORIES	2	1 (W/ BASEMENT)				
FLOOR AREA	68,875 SF*	67,976 SF (1st FL)				
** AREA MODIFICATIONS PER NYS BC SECTION 506						
EQUATION 5-2	$Aa = [At + (NS \times If)] \times Sa$ $Aa = [58,000 + (14,500 \times 0.75)] \times 1 = 68,875 SF$					
WHERE:	Aa = ALLOWABLE AREA At = 58,000 SF (2B, S1) NS = 14,500 SF (2B, NS) If = 0.75 (SEE EQUATION 5-5) Sa = NUMBER OF STORIES ABOVE GRADE = 1					
EQUATION 5-5	$If = [F/P - 0.25] \times (W/30)$ $If = [(2016/2016) - 0.25] \times (30/30) = 0.75$					
WHERE:	If = AREA INCREASE DUE TO FRONTAGE F/P = 2016 FT / 2016 FT W = 30 FT (CALCULATED USING 30' AS THE MAXIMUM ALLOWABLE 'W' AS ALL WIDTHS ARE >30'.)					
BUILDING AREAS						
DESCRIPTION	TYPE	LEVEL	NEW	EXIST	DEMO	TOTAL
1966 ORIG BLDG	2B	1ST		50,234	-	50,234
1966 ORIG BLDG	2B	BASEMENT		7,762	-	7,762
1997 GYM	2B	1ST		2,128	-	2,128
2001 ADDITION	2B	1ST		3,869	-	3,869
2004 ADDITION	2B	1ST		3,808	-	3,808
SECURITY VEST	2B	1ST	85	90	-	175
SUBTOTAL			85	67,891	-	67,976 SF
ALLOWABLE SQUARE FOOTAGE						
EXIST SF	PROPOSED SF	TOTAL ALLOWABLE SF	SPRINKLERED			
BLDG AREA	67,891	67,976	68,875*	NO		

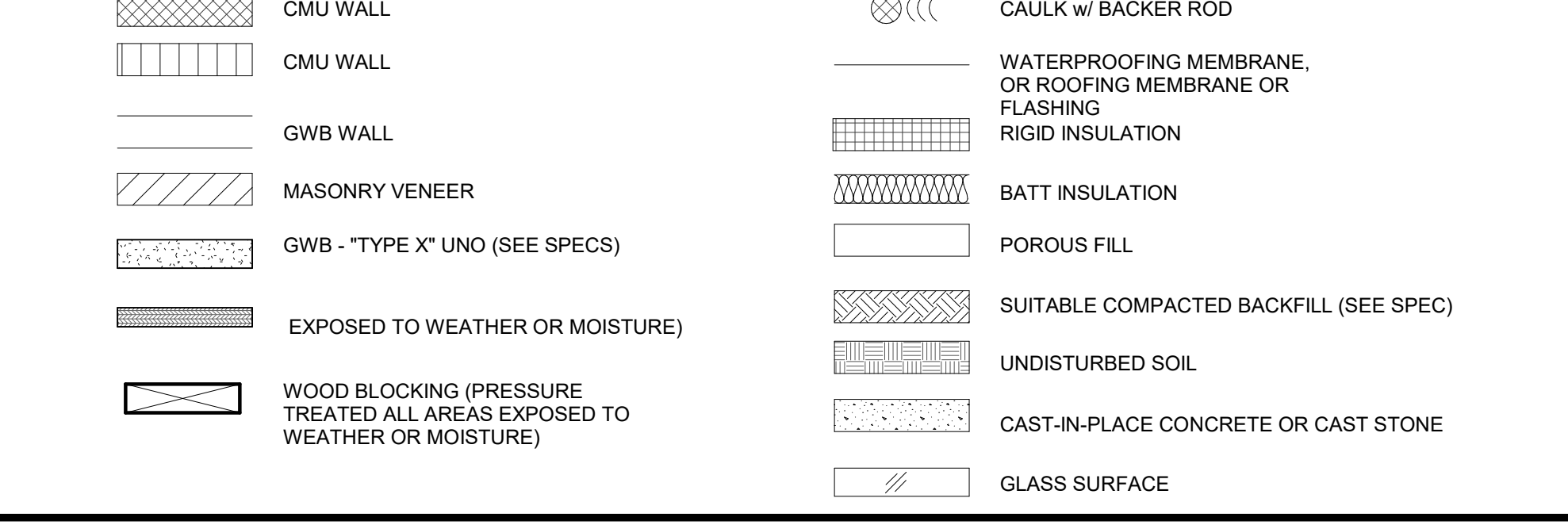
SHEET IDENTIFICATION LEGEND



SYMBOLS LEGEND



MATERIAL LEGEND



3 - FIRE-RESISTANCE-RATED CONSTRUCTION

ASSEMBLY	FIRE-RESISTANCE RATING	LOCATION
FIRE WALL	2 HOURS PER NYS BC TABLE 705.4	BETWEEN BUILDING AREAS (NEW & EXISTING)
FIRE PARTITION	1 HOUR	CORRIDORS STAIR ENCLOSURES SMOKE STOPS
*** SEE DRAWING CC.2 FOR LOCATION OF FIRE-RESISTANCE-RATED CONSTRUCTION ***		

4 - MEANS OF EGRESS

EGRESS INFORMATION:	DWG SHOWN
ROOM USE DESIGNATIONS	CC.2
ROOM SQUARE FOOTAGE	CC.2
ROOM OCCUPANCY LOADS	CC.2
ASSEMBLY SPACE EXIT WIDTH CALCS	CC.1
EXIT TRAVEL DISTANCES	CC.2
FIRST FL:	200 FT MAX TO EXTERIOR DOOR

ASSEMBLY SPACE EXIT WIDTH CALCULATIONS:

PER NYS BC:

SPACE	AREA (SF)	OCC LOAD	REQ'D # EXITS	EXIT WIDTH	PROVIDED # EXITS	EXIT WIDTH
CAFETERIA (RM K1)	2,300	154 (2,300 / 15)	3	31" (153 * 2")	3	180"
GYMNASIUM (RM G6)	4,238	606 (4,238 / 7)	3	122" (610 * 2")	4	216"

ASSEMBLY SPACE EXIT WIDTH CALCULATIONS:

PER MANUAL OF PLANNING STANDARDS:

SPACE	AREA (SF)	REQ'D EXIT UNITS	PROVIDED EXIT UNITS
CAFETERIA (RM K1)	2,300	4 (2,300 / 600)	8 (180" / 22")
GYMNASIUM (RM G6)	4,238	8 (4,238 / 600)	10 (216" / 22")

5 - ACCESSIBILITY

ACCESSIBILITY INFORMATION:

ACCESSIBLE ROUTE: DWG SHOWN

ACCESSIBLE ENTRANCES: CC.2

PARKING FACILITIES: SITE PLAN

TOILET FACILITIES: CC.2

SIGNAGE: SPECIFICATIONS

VERTICAL ACCESS / ELEVATOR: CC.2

6 - UNIFORM SAFETY STANDARDS FOR SCHOOL CONSTRUCTION AND MAINTENANCE PROJECTS

THE OCCUPIED PORTION OF THE EXISTING SCHOOL BUILDING SHALL ALWAYS COMPLY WITH THE MINIMUM REQUIREMENTS NECESSARY TO MAINTAIN A CERTIFICATE OF OCCUPANCY.

GATES SHALL ALWAYS BE LOCKED UNLESS A WORKER IS IN ATTENDANCE TO PREVENT UNAUTHORIZED ENTRY.

ALL SCHOOL AREAS TO BE DISTURBED DURING RENOVATION OR DEMOLITION HAVE BEEN OR WILL BE TESTED FOR LEAD AND ASBESTOS.

GENERAL SAFETY AND SECURITY STANDARDS FOR CONSTRUCTION PROJECTS:

(A) ALL CONSTRUCTION MATERIALS SHALL BE STORED IN A SAFE AND SECURE MANNER. FENCES AROUND CONSTRUCTION SUPPLIES OR DEBRIS SHALL BE MAINTAINED.

(B) GATES SHALL ALWAYS BE LOCKED UNLESS A WORKER IS IN ATTENDANCE TO PREVENT UNAUTHORIZED ENTRY.

(C) DURING EXTERIOR RENOVATION WORK, OVERHEAD PROTECTION SHALL BE PROVIDED FOR ANY SIDEWALKS OR AREAS IMMEDIATELY BENEATH THE WORK SITE OR SUCH AREAS SHALL BE FENCED OFF AND PROVIDED WITH WARNING SIGNS TO PREVENT ENTRY.

(D) WORKERS SHALL BE REQUIRED TO WEAR PHOTO-IDENTIFICATION BADGES AT ALL TIMES FOR IDENTIFICATION AND SECURITY PURPOSES WHILE WORKING AT OCCUPIED SITES.

(E) WORKERS SHALL BE REQUIRED TO WEAR PHOTO-IDENTIFICATION BADGES AT ALL TIMES FOR IDENTIFICATION AND SECURITY PURPOSES WHILE WORKING AT OCCUPIED SITES.

SEPARATION OF CONSTRUCTION AREAS FROM OCCUPIED SPACES:

CONSTRUCTION AREAS WHICH ARE UNDER THE CONTROL OF A CONTRACTOR AND THEREFORE NOT OCCUPIED BY DISTRICT STAFF OR STUDENTS SHALL BE SEPARATED FROM OCCUPIED AREAS. PROVISIONS SHALL BE MADE TO PREVENT THE PASSAGE OF DUST AND CONTAMINANTS INTO OCCUPIED PARTS OF THE BUILDING. PERIODIC INSPECTION AND REPAIRS OF THE CONTAINMENT BARRIERS MUST BE MADE TO PREVENT EXPOSURE TO DUST OR CONTAMINANTS. GYPSUM BOARD MUST BE USED IN EXIT WAYS OR OTHER AREAS THAT REQUIRE FIRE RATED SEPARATION. HEAVY DUTY PLASTIC SHEETING MAY BE USED ONLY FOR A VAPOR, FINE DUST OR AIR INFILTRATION BARRIER, AND SHALL NOT BE USED TO SEPARATE OCCUPIED SPACES FROM CONSTRUCTION AREAS.

(A) A SPECIFIC STAIRWELL AND/OR ELEVATOR SHOULD BE ASSIGNED FOR CONSTRUCTION WORKER USE DURING WORK HOURS. IN GENERAL, WORKERS MAY NOT USE CORRIDORS, STAIRS OR ELEVATORS DESIGNATED FOR STUDENTS OR SCHOOL STAFF.

(B) LARGE AMOUNTS OF DEBRIS MUST BE REMOVED BY USING ENCLOSED CHUTES OR A SIMILAR SEALED SYSTEM. THERE SHALL BE NO MOVEMENT OF DEBRIS THROUGH HALLS OF OCCUPIED SPACES OF THE BUILDING. NO MATERIAL SHALL BE DROPPED OR THROWN OUTSIDE THE WALLS OF THE BUILDING.

(C) ALL OCCUPIED PARTS OF THE BUILDING AFFECTED BY RENOVATION ACTIVITY SHALL BE CLEANED AT THE CLOSE OF EACH WORKDAY. SCHOOL BUILDINGS OCCUPIED DURING A CONSTRUCTION PROJECT SHALL MAINTAIN REQUIRED HEALTH, SAFETY AND EDUCATIONAL CAPABILITIES AT ALL TIMES THAT CLASSES ARE IN SESSION.

A PLAN DETAILING HOW EXITING REQUIRED BY THE APPLICABLE BUILDING CODE WILL BE MAINTAINED.

A PLAN DETAILING HOW ADEQUATE VENTILATION WILL BE MAINTAINED DURING CONSTRUCTION.

CONSTRUCTION AND MAINTENANCE OPERATIONS SHALL NOT PRODUCE NOISE IN EXCESS OF 60 DBA IN OCCUPIED SPACES OR SHALL BE SCHEDULED FOR TIMES WHEN THE BUILDING OR AFFECTED BUILDING SPACES ARE NOT OCCUPIED OR ACOUSTICAL ABATEMENT MEASURES SHALL BE TAKEN.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF CHEMICAL FUMES, GASES, AND OTHER CONTAMINANTS PRODUCED BY WELDING, GASOLINE OR DIESEL ENGINES, ROOFING, PAVING, PAINTING, ETC. TO ENSURE THEY DO NOT ENTER OCCUPIED PORTIONS OF THE BUILDING OR AIR INTAKES.

THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT ACTIVITIES AND MATERIALS WHICH RESULT IN "OFF-GASSING" OF VOLATILE ORGANIC COMPOUNDS SUCH AS GLUES, PAINTS, FURNITURE, CARPETING, WALL COVERING, DRAPERY, ETC. ARE SCHEDULED, CURED OR VENTILATED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS BEFORE A SPACE CAN BE OCCUPIED.

LARGE AND SMALL ASBESTOS ABATEMENT PROJECTS AS DEFINED BY 12NYCRR56 SHALL NOT BE PERFORMED WHILE THE BUILDING IS OCCUPIED. NOTE: IT IS OUR INTERPRETATION THAT THE TERM "BUILDING", AS REFERENCED IN THIS SECTION, MEANS A WING OR MAJOR SECTION OF A BUILDING THAT CAN BE COMPLETELY ISOLATED FROM THE REST OF THE BUILDING WITH SEALED NON COMBUSTIBLE CONSTRUCTION. THE ISOLATED PORTION OF THE BUILDING MUST CONTAIN EXITS THAT DO NOT PASS THROUGH THE OCCUPIED PORTION AND VENTILATION SYSTEMS MUST BE PHYSICALLY SEPARATED AND SEALED AT THE ISOLATION BARRIER.

EXTERIOR WORK SUCH AS ROOFING, FLASHING, SIDING, OR SOFFIT WORK MAY BE PERFORMED ON OCCUPIED BUILDINGS PROVIDED PROPER VARIANTS ARE IN PLACE AS REQUIRED, AND COMPLETE ISOLATION OF VENTILATION SYSTEMS AND AT WINDOWS IS PROVIDED. CARE MUST BE TAKEN TO SCHEDULE WORK SO THAT CLASSES ARE NOT DISRUPTED BY NOISE OR VISUAL DISTRACTION.

SURFACES THAT WILL BE DISTURBED BY RECONSTRUCTION MUST HAVE A DETERMINATION MADE AS TO THE PRESENCE OF LEAD. PROJECTS WHICH DISTURB SURFACES THAT CONTAIN LEAD SHALL HAVE IN THE SPECIFICATIONS A PLAN PREPARED BY A CERTIFIED LEAD RISK ASSESSOR OR SUPERVISOR WHICH DETAILS PROVISIONS FOR OCCUPANT PROTECTION, WORKSITE PREPARATION, WORK METHODS, CLEANING AND CLEARANCE TESTING WHICH ARE IN GENERAL ACCORDANCE WITH THE HUD GUIDELINES.

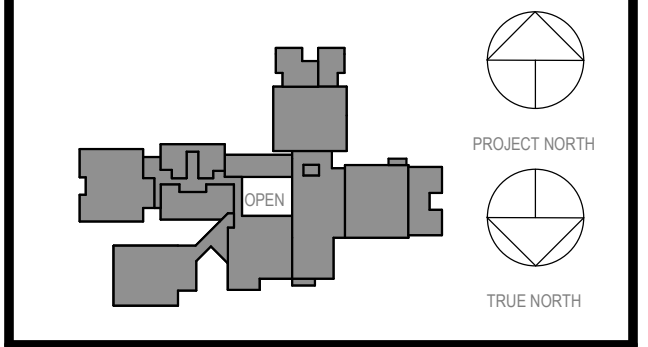
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NY SED PROJECT CONTROL NUMBER
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CONSTRUCTION DOCUMENTS - ISSUED FOR BID



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Professional Seal

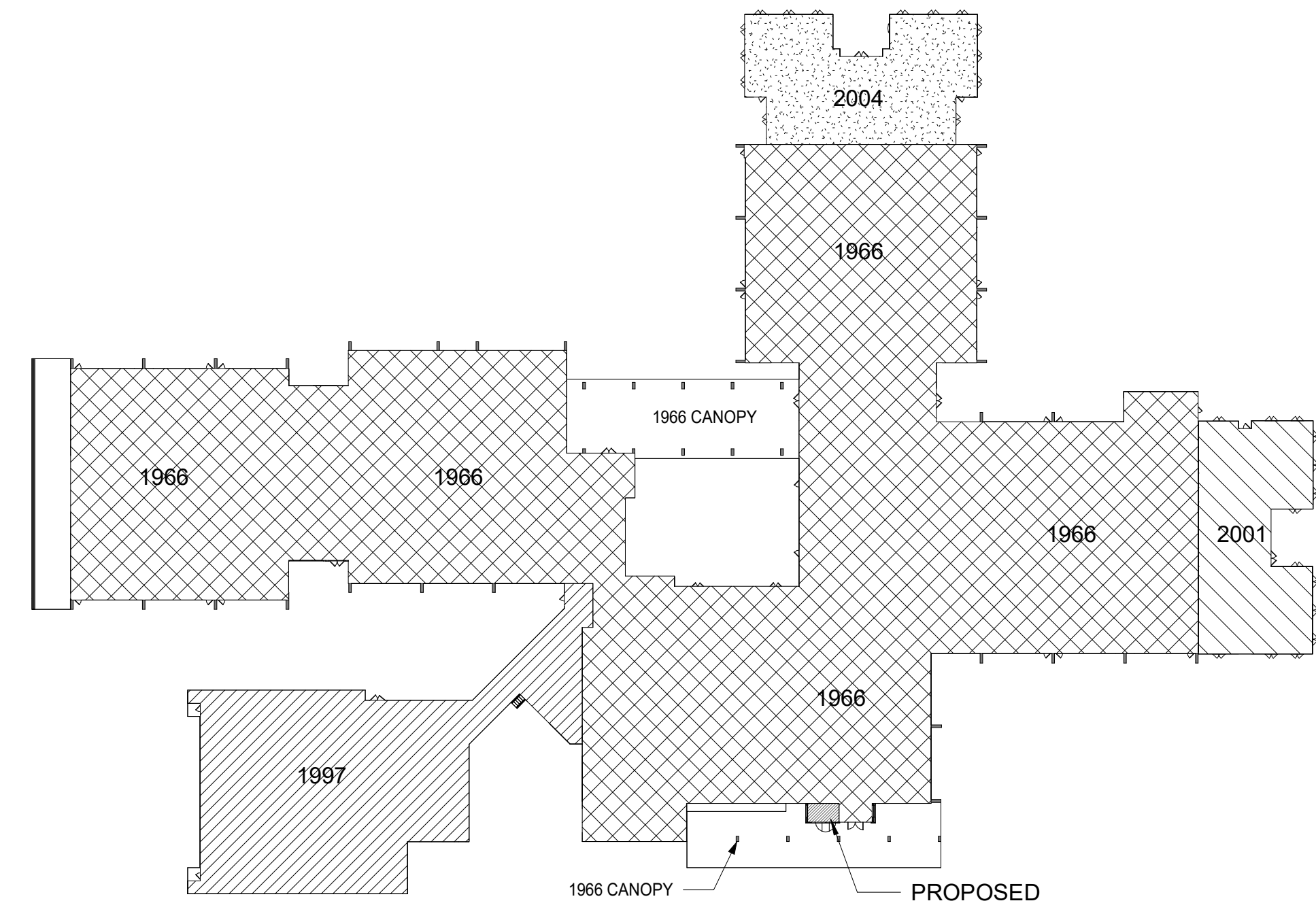
2	03.22.2024	ISSUED FOR BID
1	09.01.2023	NYSED SUBMISSION
No.	Date	Issue

Sheet Title

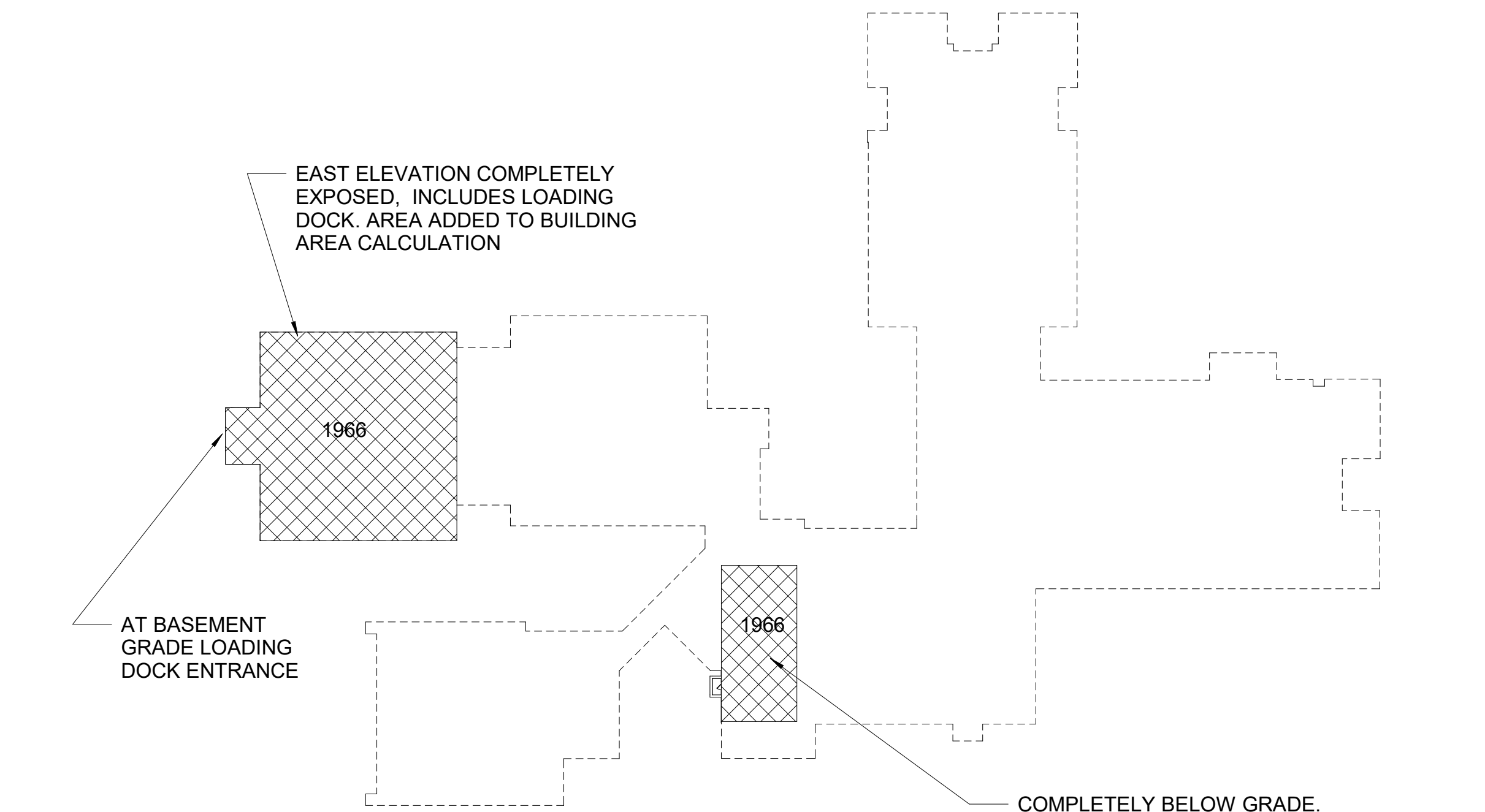
CODE COMPLIANCE INFORMATION

Job No.	2023-1017	Date	03/12/2023
Scale	AS NOTED	Drawn / Checked	RTM / RAD
Sheet Number	CC-1		

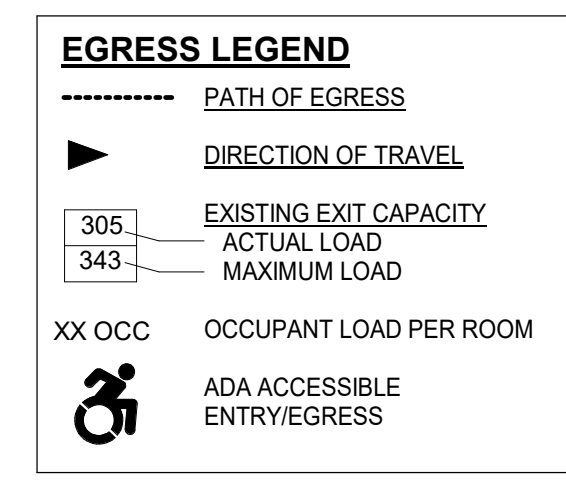
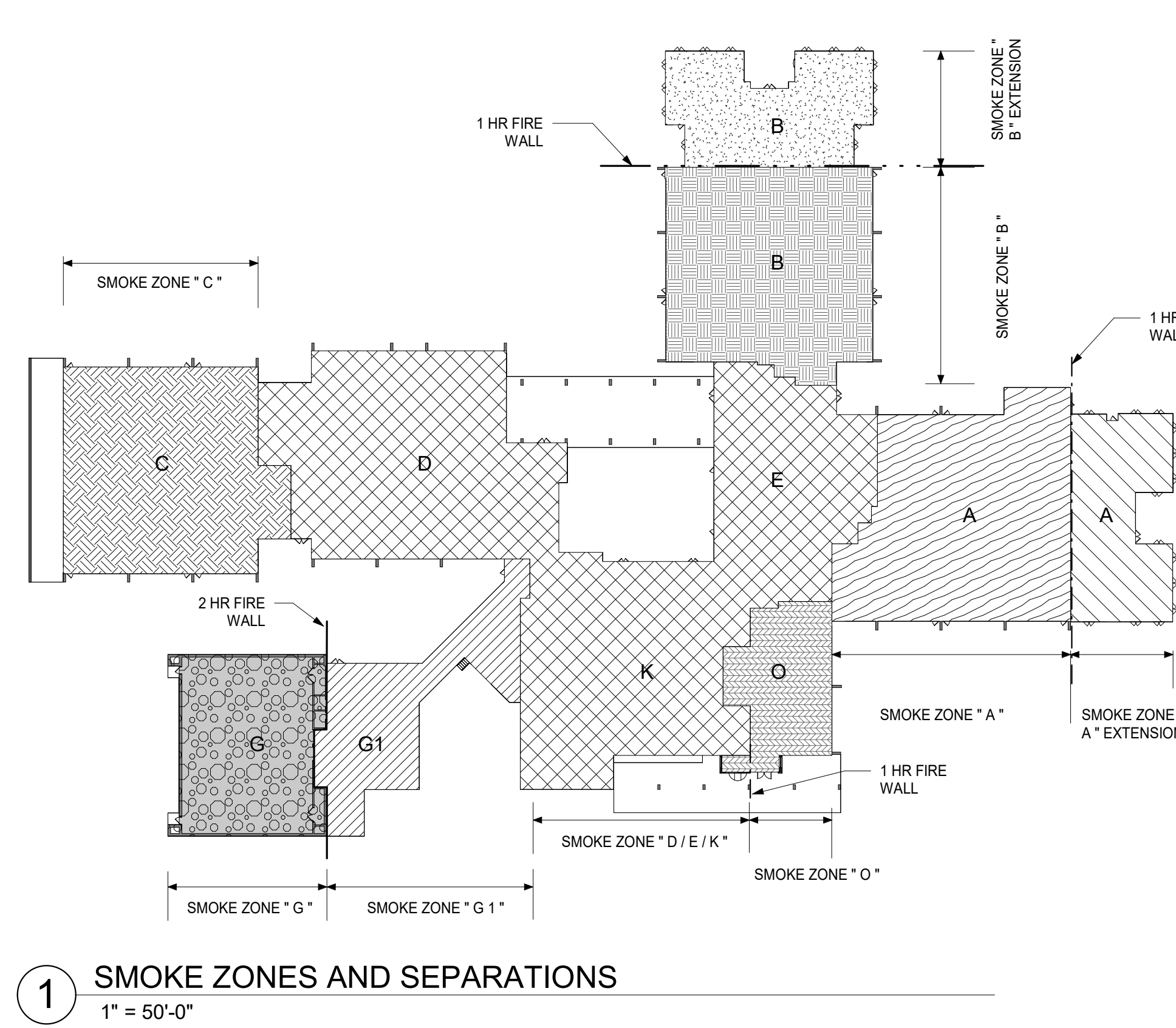
2 BUILDING EVOLUTION - 1ST FLOOR
1" = 50'-0"



1 BUILDING EVOLUTION - BASEMENT LEVEL
1" = 50'-0"



OCCUPANCY						
Name	Number	Area	Occupancy	Occupant Load Factor	CODE FACTOR	OCCUPANT LOAD
ELECTRICAL	O-3A	9 SF				0
1						0
GYM	G4	4237 SF	ASSEMBLY	7	7	605
CAFETERIUM	K1	2300 SF	ASSEMBLY	15	15	153
STAGE	K2	939 SF	ASSEMBLY	15	15	63
ASSEMBLY: 3						821
OFFICE	A2	482 SF	BUSINESS	100	100	5
OFFICE	A2.1	325 SF	BUSINESS	100	100	3
OFFICE	A2.2	341 SF	BUSINESS	100	100	3
FACULTY	D7	597 SF	BUSINESS	100	100	6
OFFICE	E3A	149 SF	BUSINESS	100	100	1
GUID.	E6	169 SF	BUSINESS	100	100	2
CONF.	E8	155 SF	BUSINESS	100	100	2
OFF	G5	273 SF	BUSINESS	100	100	3
CUST.	K3	274 SF	BUSINESS	100	100	3
WORK	O-5	172 SF	BUSINESS	100	100	2
PRINC.	O-6	197 SF	BUSINESS	100	100	2
CONF.	O-6A	599 SF	BUSINESS	100	100	6
MAIN OFF.	O-7	377 SF	BUSINESS	100	100	4
NURSE	O-8	392 SF	BUSINESS	100	100	4
PSYCHOL.	O-9	181 SF	BUSINESS	100	100	2
SECURITY	O-11	69 SF	BUSINESS	100	100	1
BUSINESS: 16						48
GRADE 3	A1	837 SF	EDUCATIONAL	20	20	42
GRADE 3	A3	832 SF	EDUCATIONAL	20	20	42
SGI	A3.1	163 SF	EDUCATIONAL	20	20	8
GRADE 4	A4	827 SF	EDUCATIONAL	20	20	41
SPECIAL EDUCATION 8:1:1	A5	723 SF	EDUCATIONAL	20	20	36
SGI	ASA	280 SF	EDUCATIONAL	20	20	14
GRADE 4	A6	815 SF	EDUCATIONAL	20	20	41
OP-PT	A101	341 SF	EDUCATIONAL	20	20	17
CLASSROOM	A103	894 SF	EDUCATIONAL	20	20	45
CLASSROOM	A104	894 SF	EDUCATIONAL	20	20	44
SGI	B1.C	112 SF	EDUCATIONAL	20	20	6
RESOURCE	B1A	378 SF	EDUCATIONAL	20	20	19
READING	B1B	433 SF	EDUCATIONAL	20	20	22
CLASSROOM	B2	823 SF	EDUCATIONAL	20	20	41
CLASSROOM	B3	831 SF	EDUCATIONAL	20	20	42
CLASSROOM	B4	825 SF	EDUCATIONAL	20	20	41
SPECIAL EDUCATION 8:1:1	B5	822 SF	EDUCATIONAL	20	20	41
CLASSROOM	B6	815 SF	EDUCATIONAL	20	20	41
ART & MUSIC	B7	929 SF	EDUCATIONAL	20	20	46
SGI	B7.A	354 SF	EDUCATIONAL	20	20	18
SP. EDU.	B8	356 SF	EDUCATIONAL	20	20	18
SPECIAL EDUCATION 8:1:1	B10	675 SF	EDUCATIONAL	20	20	34
SPEECH	B10.2	113 SF	EDUCATIONAL	20	20	6
GRADE 1	C1	821 SF	EDUCATIONAL	20	20	41
SPECIAL EDUCATION	C2	814 SF	EDUCATIONAL	20	20	31
SGI	C2.2	104 SF	EDUCATIONAL	20	20	5
GRADE 1	C3	818 SF	EDUCATIONAL	20	20	41
GRADE 1	C4	811 SF	EDUCATIONAL	20	20	41
GRADE 1	C5	817 SF	EDUCATIONAL	20	20	41
SPECIAL EDUCATION 8:1:1	C6	713 SF	EDUCATIONAL	20	20	36
SGI	C7	170 SF	EDUCATIONAL	20	20	8
STREAM LAB	D4	858 SF	EDUCATIONAL	20	20	43
VIDEO ROOM	D4.2	45 SF	EDUCATIONAL	20	20	2
SW	D5	210 SF	EDUCATIONAL	20	20	10
KINDERGARTEN	D10	1159 SF	EDUCATIONAL	20	20	58
KINDERGARTEN	D12	1173 SF	EDUCATIONAL	20	20	59
MUSIC	E1	882 SF	EDUCATIONAL	20	20	49
MUSIC OFF	E2	116 SF	EDUCATIONAL	20	20	6
ART	E3	983 SF	EDUCATIONAL	20	20	49
INST. MUSIC	O-3	295 SF	EDUCATIONAL	20	20	15
EDUCATIONAL: 41						1243
LIBRARY	D1	2145 SF	LIBRARY	50	50	43
LIBRARY 1						43
GRAND TOTAL: 62						2155



DOOR CAPACITY CALCULATIONS (GENERAL)

AT 36" WIDE SINGLE DOORS, 33" CLEAR EGRESS WIDTH SHALL BE PROVIDED
33" / 0.20' PER OCCUPANT = 165 OCCUPANT CAPACITY

AT 72" WIDE DOUBLE DOORS, 68" CLEAR EGRESS WIDTH SHALL BE PROVIDED
68" / 0.20' PER OCCUPANT = 340 OCCUPANT CAPACITY

MEADOW POND ELEMENTARY SCHOOL PLUMBING FIXTURE COUNT

TYPE	REQ. FIXTURES			PROVIDED			
	MALE	FEMALE	TOTAL	MALE	FEMALE	UNISEX	TOTAL
TOILETS (T) URINALS (U)	14	14	28	4 (T) 6 (U)	10	18	38
LAVATORIES	14	14	28	8	9	39	56
DRINKING FOUNTAINS	16			9 (EXIST) / 7 (PROPOSED)			
SERVICE SINK	1					2	

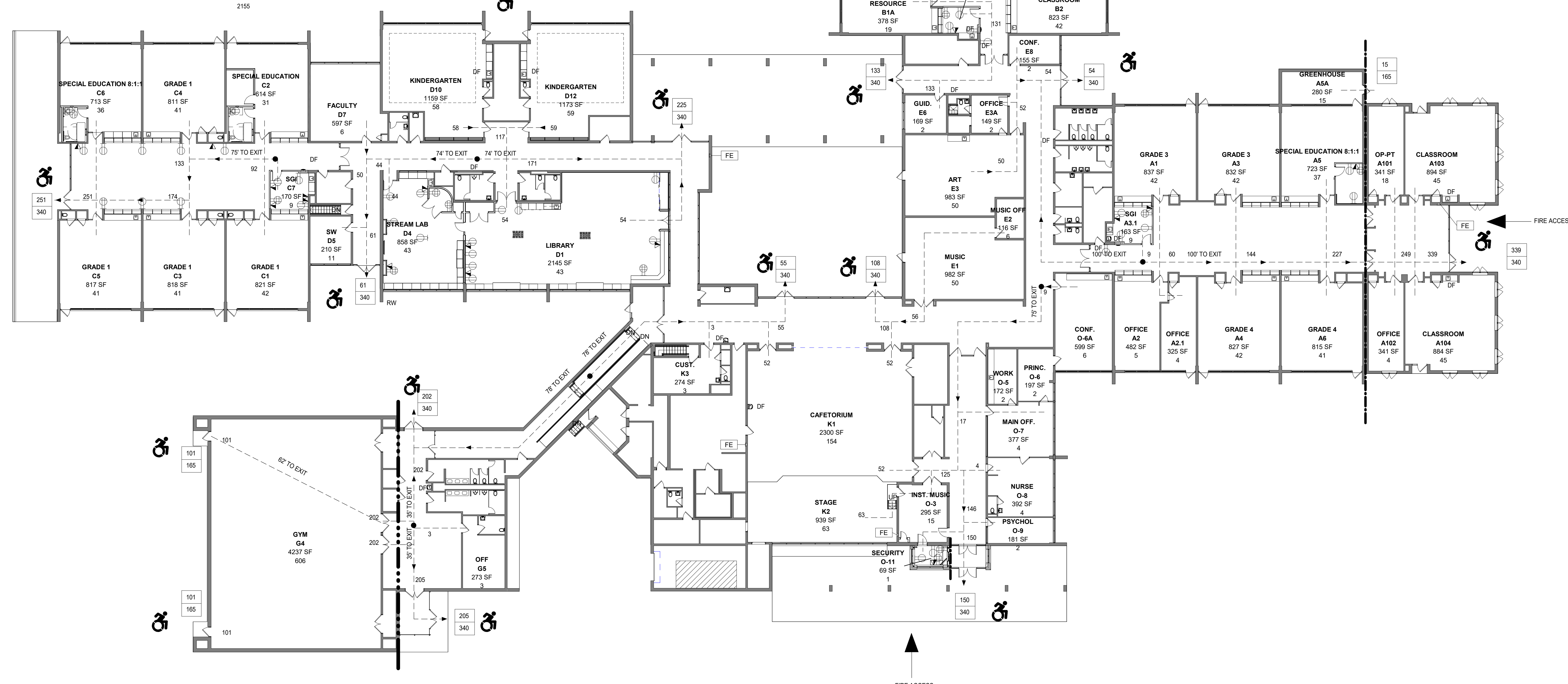
CALC. BASED ON EDUCATIONAL OCCUPANCY, IBC 2021, TABLE 2902.1. FULL TIME OCCUPANCY FOR ALL SPACES EXCEPT GYM, CAFETERIUM, AND STAGE WHICH ARE ASSUMED UNOCCUPIED WHEN OTHER SPACES ARE OCCUPIED

OCCUPANCY = (TOTAL OCC.) - (GYM) - (CAFETERIUM) - (STAGE)

1329 = 2150 - 805 - 63 - 153

OCCUPANCY = 1329 (ASSUME 665 MEN & 665 WOMEN)

1 WC PER 50 OCCUPANTS, 1 LAVATORY PER 50 OCCUPANTS, 1 DRINKING FOUNTAIN PER 100 OCCUPANTS, 1 SERVICE SINK



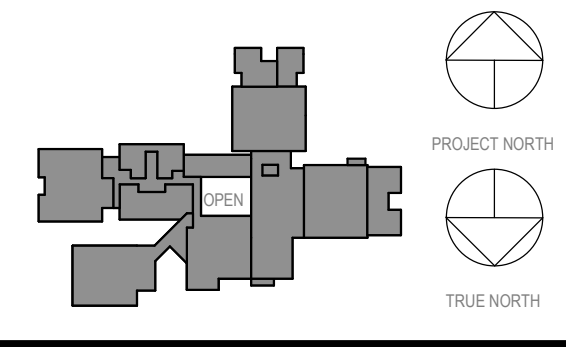
MEADOW POND ES ADDITIONS + ALTERATIONS

KATONAH-LEWISBORO
UFSD
185 SMITH RIDGE ROAD,
SOUTH SALEM, NY 10590



NY SED PROJECT CONTROL NUMBER
66-01-01-03-0-007-016

CONSTRUCTION DOCUMENTS - ISSUED FOR BID



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2	03.22.2024	ISSUED FOR BID
1	09.01.2023	NYSED SUBMISSION
No.	Date	Issue

CODE COMPLIANCE INFORMATION

Job No.	2023-1017	Date	03/12/2023
Scale	AS NOTED	Drawn / Checked	RTM / RAD
Sheet Number	CC-2		

MEADOW POND ES ADDITIONS + ALTERATIONS

KATONAH-LEWISBORO
UFS
185 SMITH RIDGE ROAD,
SOUTH SALEM, NY 10590



KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P:914.666.5900 KGDARCHITECTS.COM



INSITE PROJECT# 23194.100

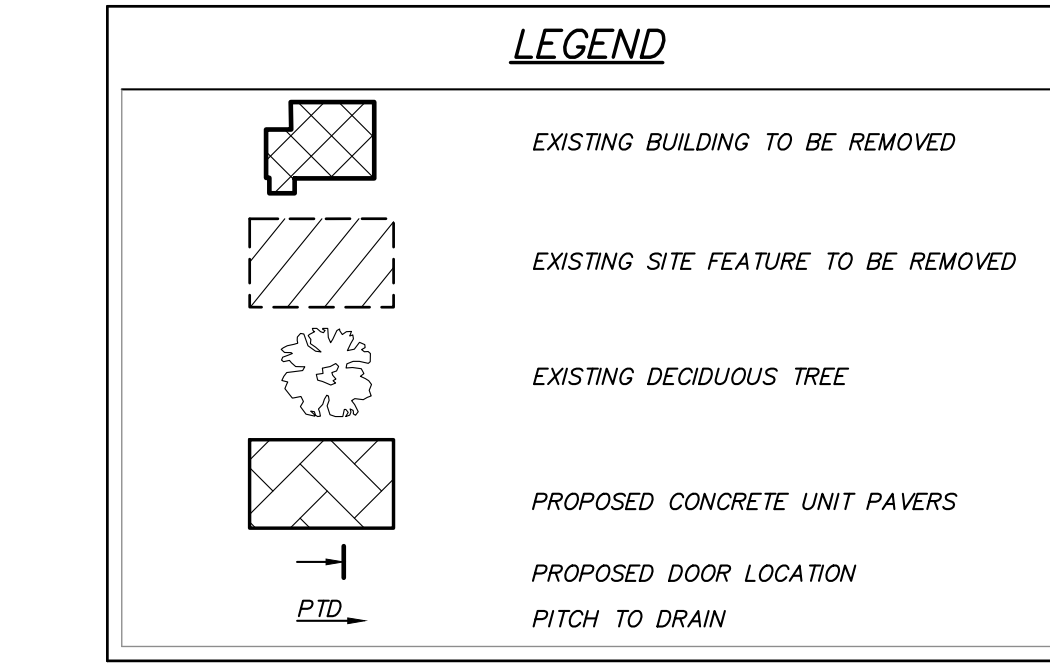
NY SED PROJECT CONTROL NUMBER

66-01-01-03-0-007-016

CONSTRUCTION DOCUMENTS -
NYS&D

GENERAL NOTES

- The orthographic image shown hereon is taken from the NYS&S Clearinghouse.
- The building and site features shown hereon are taken from field observation and measurement.

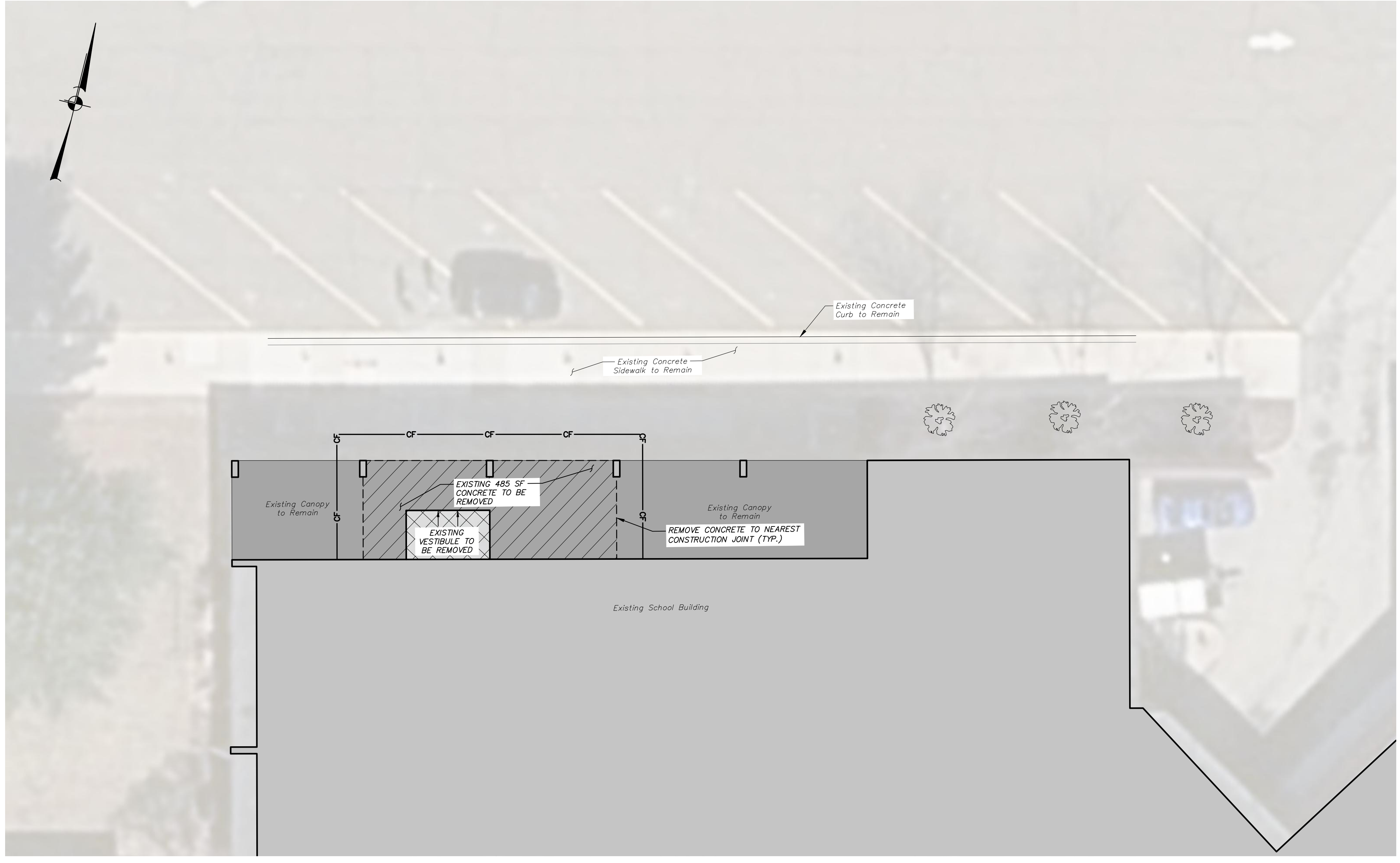


REMOVAL NOTES

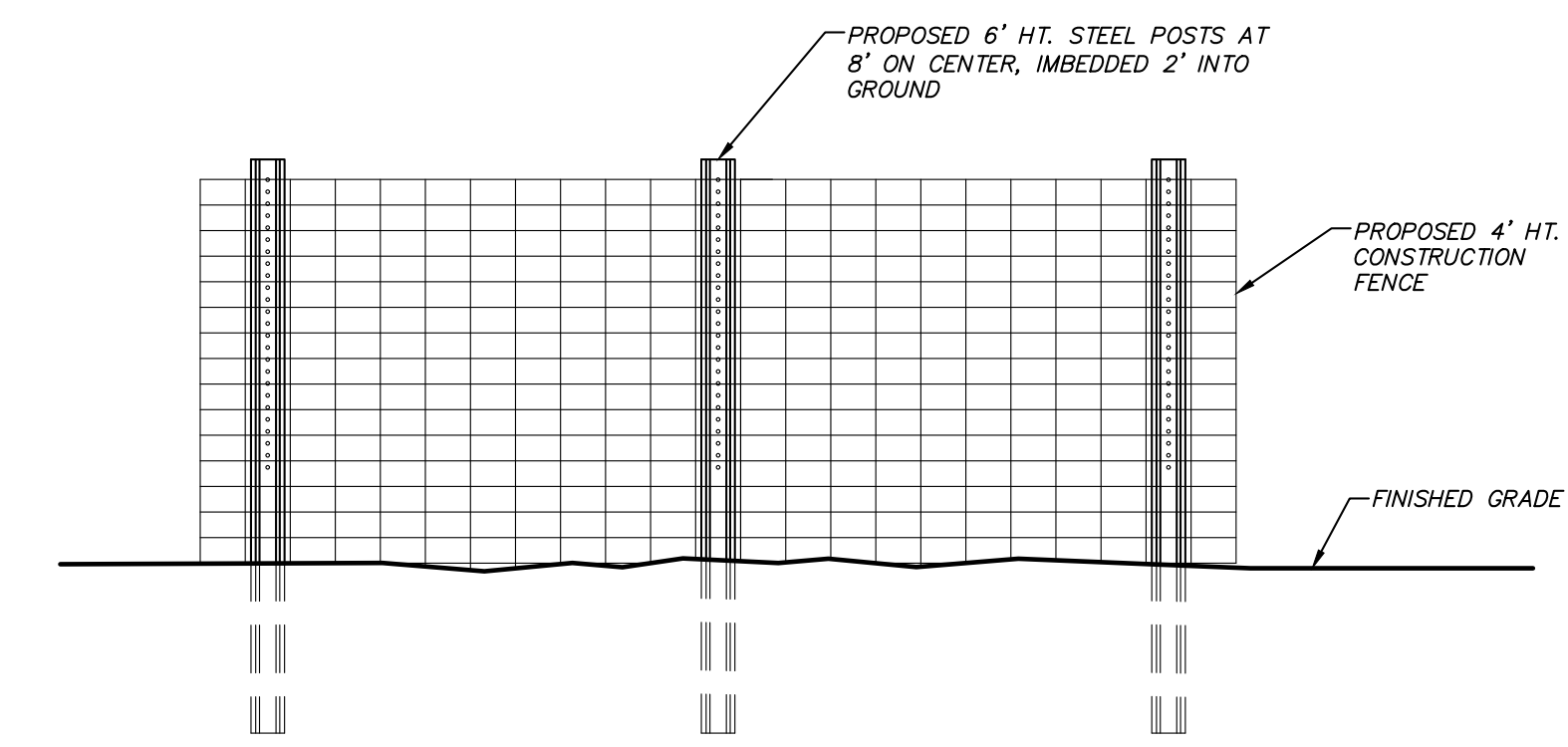
- Prior to submitting the bid, the contractor shall visit the site and familiarize themselves with the site conditions and existing improvements to be removed.
- The contractor shall provide all removals incidental and necessary to execute the work prescribed in the contract documents. All existing features specified to be removed shall be removed in their entirety unless otherwise authorized in writing by the owner or the project engineer.
- These drawings are intended to show an overall Limit of Disturbance and general features to be removed. Not all features incidental to the general scope of the site work have been shown to be removed. The contractor shall be responsible for all removals within the limits of both above and below grade features, necessary for the construction of the site improvements shown hereon.
- All building materials shall be demolished and removed from the site.
- Burying of any demolished building materials on site is prohibited.

CONSTRUCTION NOTES:

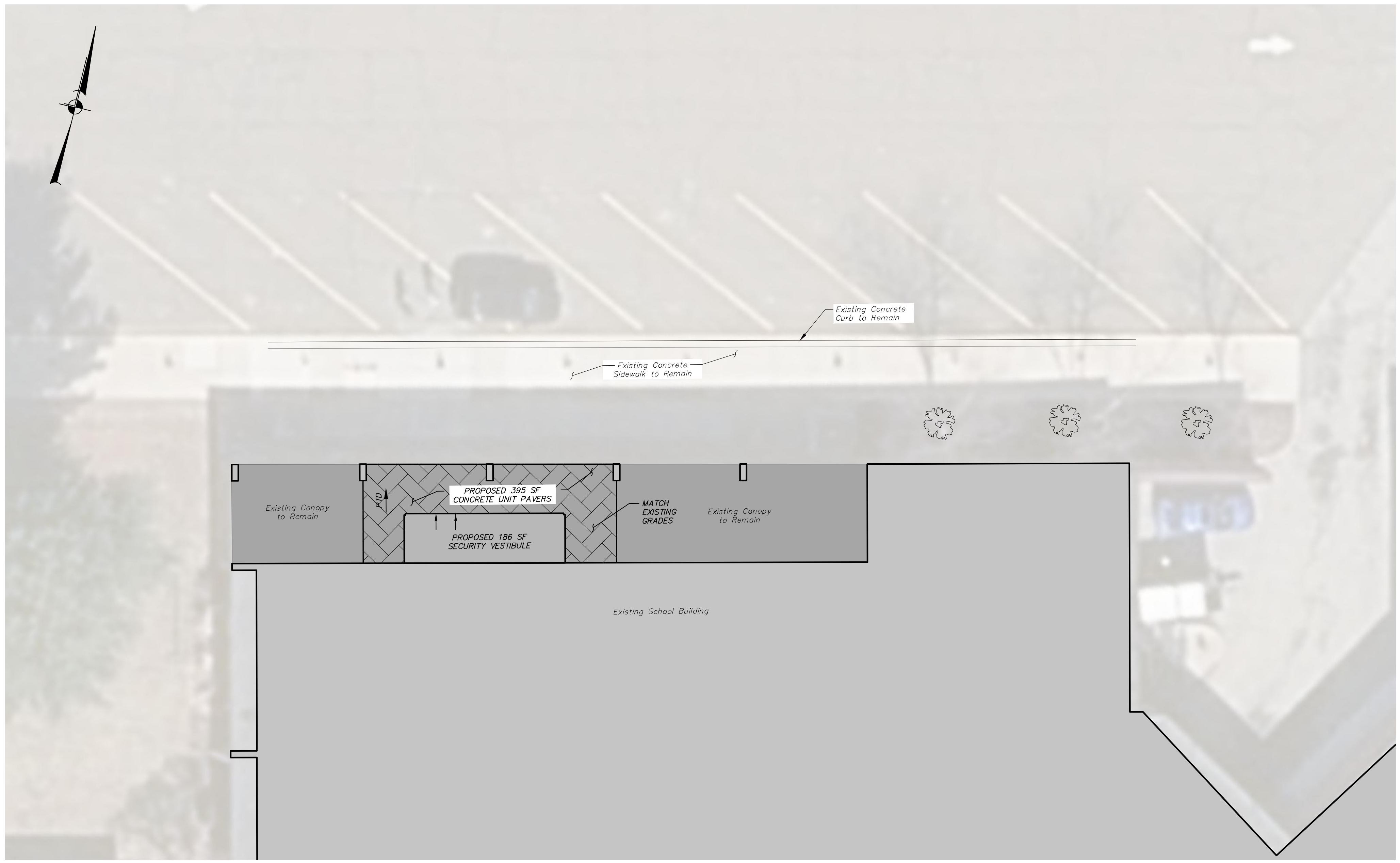
- The contractor is advised that additional notes will be found on project drawings and such notes, while pertaining to the specific drawings they are placed in, also supplement the construction notes listed hereon.
- All work and materials shall be in accordance with these plans and project specifications.
- The contractor shall notify the Engineer 72 hours prior to start of work.
- The contractor shall coordinate the layout of the work with the owner, and the project engineer, and eliminate all conflicts including but not limited to utility location conflicts, prior to commencement of any proposed work.
- The contractor shall coordinate the layout of the work with the project engineer and any other contractor/subcontractors and construction activities occurring simultaneously on the property.
- The contractor shall be responsible for providing all power, water, and other resources necessary to complete the project work.
- Minimum OSHA site standards must be maintained including personal protective equipment and vests. The contractor shall be responsible for guarding and protecting all open excavations in accordance with the latest edition and current OSHA requirements.
- The contractor shall field verify all dimensions relative to the scope of work.
- It shall be the contractor's responsibility to identify and protect all underground utilities. The contractor shall contact Dig Safely New York at 811 or 1-800-962-7962 and any other required utility locators prior to the start of construction.
- The contractor shall field verify the existing grades / utility locations prior to commencement of any work. Any discrepancy shall be reported to the project engineer when identified.
- The contractor shall perform all work with care so that any materials which are to remain in place, or which are to remain on the property, shall not be damaged. The contractor will be held responsible for all damage caused to existing utilities / features / facilities / vegetation during execution of the work not proposed to be modified or removed by these plans. All damage to any existing utilities / features / facilities / vegetation not proposed to be modified by the contract shall be repaired or replaced by the contractor to the satisfaction of the owner at no additional cost.
- Original condition shall mean the condition in which the feature was found (or better) at the start of construction.
- The contractor shall be responsible for the implementation and maintenance of erosion and sediment controls (shown or not) as necessary to prevent erosion and migration of sediment outside of the contract limit line or into the stormwater collection system. Erosion and sediment controls may include but are not limited to silt fence, stabilized construction entrance, berms and inlet protection. All erosion and sediment controls shall be installed in accordance with the New York State Standards and Specifications for Erosion and Sediment Control. Additional erosion and sediment controls may be required during construction by the project engineer. All disturbed areas shall be stabilized in accordance with the Erosion & Sediment Control Notes and details.
- Contractor is responsible for protecting soil stockpiles, trenches, and building excavations against weather. No additional fee will be paid to the contractor for removal and replacement of suitable soils due to degradation from weather related events.
- During execution of the work, the contractor shall be responsible for dewatering and control of surface water in accordance with the New York State Standards and Specifications for Erosion and Sediment Control. The New York State Standards and Specifications for Erosion and Sediment Control can be found at <http://www.dec.ny.gov/chemical/29066.html>.
- All existing pavement shall be cleaned and swept prior to the completion of construction.
- The contractor shall provide temporary construction fence for all work areas including the material storage/staging areas.
- All personal vehicles, materials, and construction equipment must be kept within the construction staging area. Use of additional onsite storage areas must be pre-authorized by the owner of the property.
- The contractor shall maintain existing grades unless otherwise noted.
- Contractor shall be responsible for removal of all excess rock, topsoil, subsoil, and construction debris from the site.
- There shall be no burying of construction and demolition (C&D) debris or stumps on site. All C&D debris and stumps must be removed by the contractor, and disposed of in accordance with all pertinent regulations.
- Unless otherwise shown on the drawings the contractor shall match the material, thickness and quality of all existing pavements that are to be replaced.
- The contractor will be responsible for the implementation of all maintenance and protection of traffic (M&P/T) measures if necessary. M&P/T shall include but not be limited to placement of traffic cones and warning signs around work zone. Safe and adequate pedestrian vehicular traffic flow shall be maintained at all times to the existing buildings, while the work is in progress. The contractor shall submit for approval of the Architect, a construction sequence schedule and plan for pedestrian and vehicular traffic flow.



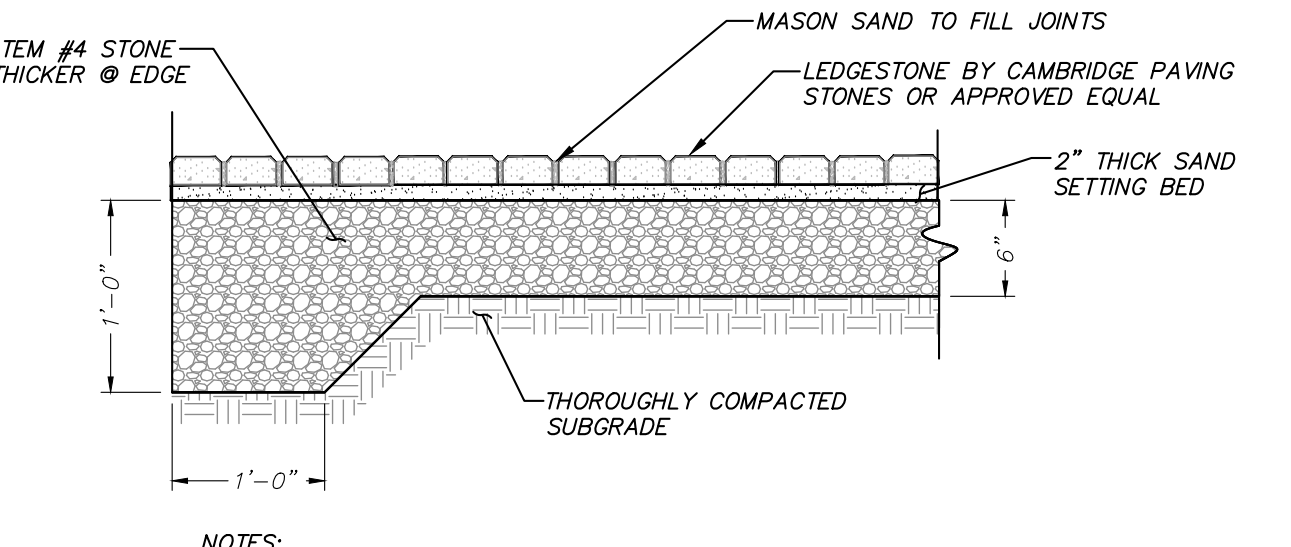
EXISTING CONDITIONS AND REMOVALS PLAN
1 inch = 10 ft.



CONSTRUCTION FENCE DETAIL
(N.T.S.)

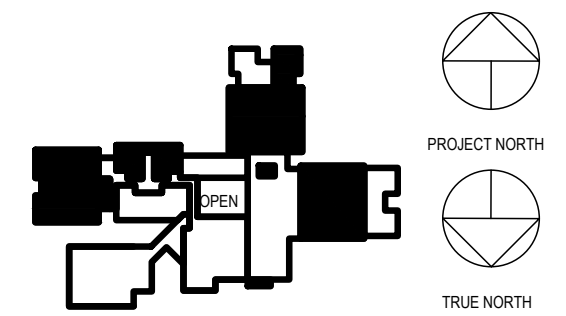
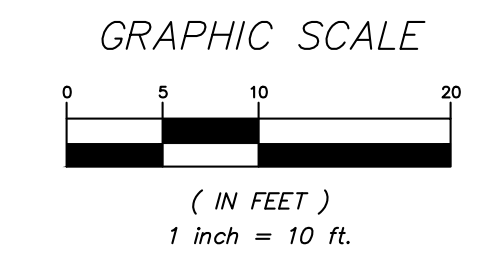


LAYOUT PLAN
1 inch = 10 ft.



- NOTES:
- PAVERS TO BE LEDGESTONE BY CAMBRIDGE PAVING STONES OR APPROVED EQUAL.
 - JOINT AGGREGATE COLOR TO BE COORDINATED WITH PAVEMENT COLOR.

CONCRETE PAVERS DETAIL
(N.T.S.)



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No.	Date	Issue
1	09/01/2023	NYS&D SUBMISSION

Sheet Title

SITE PLAN

Job No: 2023-1017 Date: 09/01/2023
Scale: 1" = 10' Drawn / Checked: TM / AT

Sheet Number

C100

General Notes:

- 1 The purpose of these drawings is to show the structural work associated with additions and alterations to Meadow Pond Elementary School in South Salem, NY.
- 2 The work shown on these drawings has been designed in accordance with the structural requirements of the 2020 edition of the Building Code of New York State.
- 3 The structural components have been designed for the following loads:
- A. Uniform live load:
 - Schools
 - First-floor corridors 100 psf
 - Stairs and exits 100 psf
 - B. Roof loads:
 - Snow:
 - Ground snow load, p_g 30 psf
 - Flat roof snow load, p_f 30 psf*
 - Exposure factor, C_e 1.0
 - Importance factor, I_s 1.1
 - Thermal factor, C 1.0
 - Rain loads: in accordance with Section 1611
 - Rainfall intensity (100-year 15-minute interval), i 6.00 in./hr
 - Roof live load: 20 psf
 - *Note: the flat roof snow load shall be no less than 30 psf.
 - C. Wind design data:
 - Wind loads have been determined based on Section 1609.1.1 in accordance with ASCE 7-16, Chapters 26, 27, 29 and 30, Directional Procedure
 - Basic Design Wind Speed (3-second gust): V 125 mph
 - Allowable Stress Design Wind Speed, Vasd 96.8 mph
 - Risk category III
 - Wind Exposure B
 - Internal pressure coefficient 0.18
 - *a" dimension for use with components and cladding 3.0 ft
 - D. Earthquake design data:
 - Risk category III
 - Seismic importance factor, I_e 1.25
 - Mapped short period spectral response accelerations, S_s 0.251g
 - Mapped 1 second period spectral response accelerations, S_1 0.058g
 - Site class: D
 - Design short period spectral response accelerations, S_{DS} 0.267g
 - Design 1 second period spectral response accelerations, S_{D1} 0.093g
 - Seismic design category: B
 - E. Earthquake design for existing buildings:
 - Not required since the proposed additions and alterations do not increase the demand-capacity ratio of any wind load carrying structural element by more than 10 percent cumulative since the original construction.
 - F. Earthquake design for existing buildings:
 - Not required since the proposed additions and alterations do not increase the demand-capacity ratio of any seismic load carrying structural element by more than 10 percent cumulative since the original construction.
- 4 This structure has been designed to be self-supporting and stable after the work shown on these drawings has been completed. The stability of the structure prior to completion is solely the responsibility of the contractor. This responsibility extends to all related aspects of the construction activity including, but not limited to, erection methods, erection sequence, temporary bracing, forms, shoring, use of equipment, and similar construction procedures. Review of the construction by the engineer is for conformance with design aspects only, not to review the contractor's construction procedures. Lack of comment on the part of the engineer with regard to construction procedures is not to be interpreted as approval of those procedures.
- 5 Shoring note: The contractor is responsible for designing, providing and installing all temporary shoring that is required to support instabilities of existing structure during construction and due to the removal of existing supporting walls and existing framing members for installation of new framing and foundations. Shoring shall be fully installed and stable prior to removal of existing structural elements.
- 6 Jobsite safety and construction procedures are solely the responsibility of the contractor. Review of the construction by the engineer is for conformance with design aspects only, not to review the contractor's provisions for job site safety. Lack of comment by the engineer is not to be interpreted as approval of those aspects of work.
- 7 PDF digital files of all erection and detail shop drawings for steel reinforcing bars (concrete construction), structural steel, and cold-formed metal framing (wall framing), indicating the fabricator, manufacturer, finish, layout, and all accessories, must be submitted to and be checked by the contractor and subcontractor and bear the checker's initials before submission to the architect for review prior to fabrication. Fabrication and/or delivery to the site of components prior to receiving approved shop drawings shall be at the fabricator's own risk.
- 8 Testing and inspection of concrete, steel reinforcing bars (concrete construction), structural steel, cold-formed metal framing, and other work are described in the project "Statement of Special Inspections". The contractor shall review the "Statement of Special Inspections" and coordinate the scheduling of inspections with the special inspector. Uninspected work that required inspections may be rejected solely on that basis.
- 9 If faulty construction procedures, or material, result in defective work that requires additional engineering time to devise corrective measures, professional fees may be charged to the contractor at the standard hourly rate of additional services. Such fees may be withheld from the general contractor's payment.
- 10 Loads, openings and structure in any way related to requirements of other (non-structural) disciplines are shown for bidding purposes only. However, these plans do not show the full scope of openings, in roofs, floors and walls. For size and location of all openings, see architectural and mechanical drawings. Do not scale openings. The contractor shall obtain from the heating and ventilating, electrical, plumbing and other trades the final approved size and location of all openings, equipment and work to be provided for their trades for roofs, floors and walls, whether shown or not shown on structural drawings. Excess cost related to variation in requirements or equipment are not to be borne by the owner.
- 11 The contractor shall verify all dimensions, elevations and angles with architectural drawings and existing conditions before proceeding with any work.
- 12 The contractor shall field verify existing conditions before proceeding with any work. The contractor shall field verify all dimensions noted "F" that are indicated on the drawings.
- 13 The contractor and subcontractors shall obtain the latest copies of approved plans and surveys and they shall familiarize themselves thoroughly with these plans before commencing any work.
- 14 These drawings are supplemented by a detailed technical specification. The notes shown under certain categories of work are intended to summarize basic requirements.
- 15 Work shown as "Typical Details" apply throughout the project as required. Work shown as "Sections" shall be considered to apply for the same and similar conditions in the building.
- 16 Some details of the work are shown on the architectural drawings. A careful review and study of these details are necessary before the full scope of the work can be comprehended.
- 17 Do not scale drawings.

Codes and Standards References

- 1 Concrete: Concrete work shall conform to all the requirements of ACI 301-10, "Specifications for Structural Concrete in Buildings" and ACI 318-14, "Building Code Requirements for Structural Concrete".
- 2 Structural steel: Design, fabrication and erection of structural steel shall conform to the AISC 360-16 "Specification for Structural Steel for Buildings" as adopted on July 7, 2016, by the American Institute of Steel Construction (AISC) and the 15th Edition of the AISC Steel Construction Manual.
- 3 Cold formed metal framing: Design, fabrication and erection of cold-formed metal framing shall conform to the American Iron and Steel Institute's AISI S100-16"Specification for the Design of Cold-formed Steel Structural Members", 2016.

Foundation notes:

- 1 The site preparation and earthwork within the perimeter of the proposed new structure shall include, as a minimum, the complete removal of all topsoil, organic and unsuitable fill materials. Proof compact the top of the remaining excavated surface. The removed soil shall be replaced with compacted structural fill where required for the support of foundations and slabs on grade.
- 2 The foundations have been designed to rest on inorganic, undisturbed soil or compacted granular fill having a presumptive bearing value of 3000 psf. Such bearing strata are anticipated at the bottom of footing elevations noted on the foundation plan. All bearing strata shall be reviewed by the engineer prior to placing concrete in order to verify the presumptive bearing value.

- 3 In areas requiring structural fill, the fill material shall be a uniformly graded mixture of sand and gravel weighing no less than 120 pcf dry density after compaction in place. This mixture shall be uniformly graded having no stone greater than 3 inches in any one dimension, with no more than 90 percent by weight passing a 1/2-inch sieve, and with less than 12 percent by weight, passing a no. 200 sieve. A soils testing lab, hired by the owner, shall test each on-site or borrow soil material proposed for backfill for classification according to ASTM D 2487 and for laboratory compaction curve according to ASTM D 1557. Uniformly moisten or aerate subgrade and each backfill layer before compaction to within 2 percent of optimum moisture content. The fill material shall be placed in maximum lifts of 8 inches in loose depth for material compacted by heavy compaction equipment, and in maximum lifts of 4 inches loose depth for material compacted by hand-operated tampers. Each lift shall be compacted with appropriate equipment to a minimum of 95 percent of its maximum density at or near optimum moisture. No lifts shall be placed when weather conditions are such that the moisture content of the fill cannot be properly controlled. In placing and compacting fill and backfill material, do not damage nor displace concrete work already in place by contact from compaction machinery, by subjecting it to overturning from heavy compacting loadings, or any other cause. Place fill against such concrete work at the same rate as the remainder of fill, compacting uniformly on both sides using hand - operated tampers. A soils testing lab, hired by the owner, shall test compaction of soils in place according to ASTM D 1556, ASTM D 2167, ASTM D 2922, and ASTM D 2937 as applicable. When test reports indicate that backfills have not achieved the degree of compaction specified, scarify and moisten or aerate, or remove and replace soil to depth required; recompact and retest until specified compaction is obtained.
- 4 The bottom of exterior footings not on solid rock shall be at least 3' - 6' below finished grade.
- 5 All soil surrounding and under footings shall be protected from freezing and frost action during the course of construction.
- 6 Step footings where elevations change at a maximum slope of one vertical on two horizontal and place lower footings first.
- 7 Foundation walls shall be backfilled by placing fill on both sides simultaneously and to the same level.
- 8 Keep foundation excavations free of water at all times.
- 9 Use crushed stone backfill or controlled compacted fill or lean concrete ($f_c=1500$ psi) for over-excavation of footings.
- 10 Existing utilities: locate and existing underground utilities in areas of excavation work. Provide adequate means of support and protection during earthwork operations.
- 11 Where footings are in close proximity to sub-surface piping bottom of footings shall be at least 8' below elevation of piping unless otherwise shown on the drawings.
- 12 Submittals to the engineer are required for structural fill.

Concrete Notes:

- 1 All concrete work shall conform to all the requirements of ACI 301, "Specifications for Structural Concrete in Buildings" and ACI 318 "Building Code Requirements for Structural Concrete", indicated in the code reference section of these general notes.
- 2 Concrete shall be the specified weight and develop a minimum compressive strength in 28 days as follows:

Location	Weight	Minimum Strength	Maximum W/C Ratio (or slump where indicated)
Footings	Normal	3,000 psi	0.55
Walls and piers:			
Interior	Normal	3,000 psi	0.55
Exterior	Normal	4,000 psi	0.45
Exterior exposed	Normal	5,000 psi	0.40

- 3 All detailing fabrication, and erection of reinforcing bars, unless otherwise noted, must follow the latest ACI code and the latest ACI "Manual of Standard Practice for Detailing Reinforced Concrete Structures".
- 4 Concrete design mix will be submitted to the engineer for review, together with laboratory reports attesting that the mixes can attain the minimum strength required in accordance with ACI 301 indicated above.
- 5 Portland cement shall be Type I or Type II and conform to ASTM C 150.
- 6 Other cementitious material such as flyash, ground granulated blast-furnace slag, or ground glass pozzolan may be blended with cement for use in the concrete mix. Flyash shall conform to ASTM C 618 and may replace cement in the following ranges for the 2 classes of flyash: Class C, 20 to 35%; Class F, 15 to 25%. Ground granulated blast-furnace slag shall conform to ASTM C 989 and may not exceed 50% of total weight of cementitious materials. Ground glass pozzolan shall conform to ASTM C 1886 and may replace cement in the range of 15% to 50% by weight.
- 7 For normal weight concrete: coarse aggregate shall be 3/4" and conform to ASTM C 33. Fine aggregate shall be manufactured or natural sand from the same source for the entire project and shall conform to ASTM C 33.
- 8 No admixtures are permitted without the engineer's written permission other than entrained air. Concrete exposed to the weather, such as that used in foundation walls, shall contain 5% +/- 1/2% entrained air. Concrete exposed to the weather and to de-icing compounds shall contain 6% +/- 1/2% entrained air. Do not use air entrainment admixture for interior normal weight concrete slabs.
- 9 Limit water-soluble, chloride-ion content in hardened concrete to the following percent by weight of cement: 1.00 for reinforced concrete that will be dry and protected from moisture, 0.30 for reinforced concrete that will be exposed to moisture but not exposed to chlorides, 0.15 for reinforced concrete exposed to moisture and chlorides from deicing chemicals and salt/seawater, and 0.06 for prestressed (post-tensioned) concrete.
- 10 Reinforcing steel shall conform to ASTM A 615, Grade 60.
- 11 Vapor retarder shall be Stego Vapor (15 mil) vapor retarder by Stego Industries LLC and shall have a water vapor permeance after conditioning (ASTM E 1745, Paragraphs 7.1.2 - 7.1.5) that is less than 0.01 perms and meets the requirements of Class A. Place as per ASTM E 1643 and manufacturer's written instructions.
- 12 The following concrete cover shall be provided for reinforcement:

Location	Cover (inches)
Concrete cast against and permanently exposed to earth	3
Concrete exposed to earth or weather:	
#6 through #18 bars	2
#5 bar and smaller	1 1/2
Concrete not exposed to weather or in contact with ground:	
Slabs, walls:	
#14 and #18 bars	1 1/2
#11 bar and smaller	3/4
Beams, columns	
Primary reinforcement, ties, stirrups, spirals	1 1/2

- 13 The conveyance, placement and protection of the concrete shall conform to the requirements of ACI 318, indicated above, and ACI 304R, "Guide for Measuring, Mixing, Transporting and Placing Concrete". Mechanical vibrators are to be used to consolidate the freshly cast concrete around the reinforcing and against form surfaces and to prevent the formation of air or stone pockets, honeycombing, pitting or planes of weakness. However, care must be used to avoid over vibration that can lead to aggregate segregation.
- 14 No welding of reinforcing will be permitted.
- 15 All lap splices shall be Class B, in accordance with ACI 318 indicated above.
- 16 The contractor shall be responsible for limiting pours to minimize shrinkage cracking. In general, walls shall not be poured in continuous lengths exceeding 30 feet without providing construction joints or control joints. The location and configuration of joints exposed to view shall be coordinated with the architect.
- 17 Expansion and isolation joints: Filler strips: ASTM D 1751, asphalt-saturated cellulose fiber or ASTM D 1752, cork or self expanding cork Sealant at top of joint: Sika's Sikaflex 2c SL poly urethane elastomeric sealant. Provide cap to separate sealant from filler.
- 18 Waterstops: Flexible polyvinyl chloride (PVC) waterstop conforming to Corp of Engineers Specification CRD-C 572, with flat dumbbell and center bulb.
- 19 The curing and protection of concrete shall conform to the requirements of ACI 318 and ACI 308R, "Guide to Curing Concrete". Concrete slabs shall be protected from loss of surface moisture for not less than 7 days using a curing compound conforming to ASTM C 309 or constantly wetted burlap. Curing compounds shall be compatible with any intended flooring overlay. Do not install finish flooring until slabs have adequately dried per the flooring manufacturer's specifications.
- 20 Cold weather concrete placement: If cold weather concreting conditions exist as defined by a period of more than three days when the average outdoor temperature, (high + low)/2, is less than 40 deg. F, the procedures outlined in ACI 306.1, "Standard Specification for Cold Weather Concreting" and ACI 306R, "Guide to Cold Weather Concreting" shall be utilized.
- 21 Hot weather concrete placement: Maintain concrete temperature below 90 deg. F, at time of placement and comply with ACI 301 and ACI 305R, "Guide to Hot Weather Concreting".
- 22 Accurately position, support, and secure reinforcement and anchors against displacement. Locate and support reinforcement with bar supports to maintain minimum concrete cover. Do not tack weld crossing reinforcing bars. Provide bar supports as follows:

- A. Bolsters, chairs, spacers, and other devices for spacing, supporting, and fastening reinforcing bars and welded wire reinforcement in place. Do not "wet stick" reinforcement or anchors.

Manufacture bar supports from steel wire, plastic, or precast concrete according to CRSI's "Manual of Standard Practice," of greater compressive strength than concrete.

- 23 Sizes and locations of all required embedded items, such as anchor bolts, piping sleeves, etc., for all trades shall be coordinated by the general contractor with other trades.
- 24 Submittals to the engineer are required for concrete mix designs, cement, reinforcing bars, admixtures, and aggregates, as specified in Specification Section 03300.

Connections to Existing Masonry or Hardened Concrete:

- 1 All proprietary anchoring systems (expansion, adhesive anchoring systems, etc.) to be installed into hardened concrete and masonry elements are to be installed in strict accordance with the manufacturer's instructions for drilling and preparation of holes, for spacing and edge distance requirements, and for the utilization of supplemental components for the anchoring systems such as screen tubes, doweling adhesives, etc.
- 2 Connections to hardened concrete shall be made with anchors conforming to ACI 318, as specified in the code reference section of these general notes, for cracked concrete, and Chapter 19 of the state building code indicated at the beginning of these general notes.
- A. Mechanical anchors shall be either:
 - i. Hilti "Kwik Bolt TZ" expansion anchor.
 - ii. Hilti "Kwik HUS-EZ" screw anchor (use only in permanently dry, interior non-corrosive environments)
 - iii. Simpson "Strong Bolt Z" expansion anchor
 - iv. Simpson "Titan HD" screw anchor, zinc-plated or galvanized (use only in permanently dry, interior non-corrosive environments)
 - v. Dewalt "Power-Stud + SDZ" expansion anchor.
 - vi. Dewalt "Power-Stud + SD4/SD6", Type 304/316 SS expansion anchor
 - vii. Dewalt "Screw-Bolt" screw anchor, zinc-plated or galvanized (use only in permanently dry, interior non-corrosive environments)
 - B. Adhesive anchor rods or reinforcing bars shall be installed in rotary hammered drilled holes with carbide drill bits using one of the following adhesive anchoring systems:
 - i. Hilti "HIT-HY 200 safe set adhesive anchoring system with Hilti "HAS" ASTM F1554, Grade 36 anchor rods.
 - ii. Simpson "AT-XP" adhesive anchoring system for base material temperatures between 14 degrees and 80 degrees or Simpson "Set-3G" adhesive anchoring system for temperatures above 40 degrees, with Simpson "RFB" ASTM F1554 Grade 36 anchor rods.
 - iii. Dewalt "AC208" two part adhesive, cold temperature cure with ASTM F1554, Grade 36 anchor rods. Reinforcing bars shall conform to the requirements of the Concrete General Notes.
 - iv. Reinforcing bars shall conform to the requirements of the Concrete General Notes.

Size, embedment, spacing and edge distance of anchors shall be as indicated on the drawings.

Adhesive for reinforcing bars and anchors shall have been tested in accordance with ACI 355.4 "Qualification of Post-Installed Adhesive Anchoring Systems" and ICC-ES (ICC Evaluation Service) "Acceptance Criteria for Post-Installed Adhesive Anchors in Concrete Elements" (AC308) for cracked concrete and seismic applications.

Adhesive bond design strength is based upon concrete that has cured at least 21 days with a minimum compressive strength of 2,500 psi and an in-service temperature in accordance with ACI 355.4 Temperature Category B.

Installation method shall be in accordance with the Manufacturer's Printed Installation Instructions (MPII)

Installation of adhesive anchors horizontally or upwardly inclined to support sustained tension loads shall be performed by personnel certified by the ACI/CRSI Adhesive Anchor Installer Certification program or equal.

Unless otherwise noted on the drawings, embed anchor rods and reinforcing bars into drilled holes a minimum of 9 anchor diameters, with a minimum edge distance of 4 inches, measured from the edge of the concrete to the centerline of the anchor/reinforcing bar. Increased embedment depths or edge distances may be required at certain locations, see plans and details.

- 3 Connections to grout filled concrete masonry shall be made with either 1) Hilti "HAS" ASTM F1554 Grade 36 anchor rods using Hilti "HIT HY270" masonry adhesive anchoring system or 2) Simpson "RFB" ASTM F1554 Grade 36 anchor rods using Simpson "Set-XP" masonry adhesive anchoring system or 3) ASTM F1554 Grade 36 anchor rods using Dewalt AC100+ Gold masonry adhesive anchoring system.
- A. Unless otherwise noted on the drawings, embed anchor rods into drilled holes a minimum of 9 anchor diameters, with a minimum edge distance of 4 measured from the edge of the masonry to the centerline of the anchor. Increased embedment depths or edge distances may be required at certain locations, see plans and details.
 - B. For anchors in hollow concrete masonry, embed anchor rods into drilled holes a minimum of 2 inches, with a minimum edge distance of 4 inches, unless otherwise noted, measured from the edge of the masonry to the centerline of the anchor. Increased embedment depths or edge distances may be required at certain locations, see plans and details.
- 4 Connections to hollow concrete or clay brick masonry shall be made with either 1) Hilti "HAS" ASTM F1554 Grade 36 anchor rods using Hilti "HIT HY270" masonry adhesive anchoring system with "HIT-SC" composite screen tubes or 2) Simpson "RFB" ASTM F1554 Grade 36 anchor rods using Simpson "SET-XP" masonry adhesive anchoring system with Simpson "Opti-mesh" plastic screen tubes or 3) ASTM F1554 Grade 36 anchor rods using Dewalt AC100+ Gold masonry adhesive anchoring system with composite screen tubes.
- A. For anchors in hollow concrete masonry, embed anchor rods into drilled holes a minimum of 2 inches, with a minimum edge distance of 4 inches, unless otherwise noted, measured from the edge of the masonry to the centerline of the anchor. Increased embedment depths or edge distances may be required at certain locations, see plans and details.
 - B. For anchors in hollow clay brick masonry, embed anchor rods into drilled holes a minimum of 3 1/2 inches, with a minimum edge distance of 4 inches, unless otherwise noted, measured from the edge of the masonry to the centerline of the anchor. Increased embedment depths or edge distances may be required at certain locations, see plans and details.

Structural Steel Notes:

- 1 Design fabrication and erection of structural steel shall conform to the American Institute of Steel Construction's "Specification for Structural Steel for Buildings", indicated in the code reference section of these general notes.
- 2 Materials:
 - Wide flange shapes: ASTM A 992 Grade 50
 - American standard shapes, angles, plates and bars: ASTM A 36
 - Bolts: ASTM F 1525, Grade A 325
 - Anchor rods: ASTM F 1554, Grade 36
 - Welding electrode: ASTM E 70xx, low hydrogen
- 3 All welding shall conform to American Welding Society's AWS D1.1, "Structural Welding Code-Steel" code for arc and gas welding and be performed by a certified welder in accordance with A.W.S. standards.
- 4 High strength bolts: install high-strength bolts according to Research Council on Structural Connections' (RCSC's) "Specification for Structural Joints Using High-Strength Bolts" for type of bolt and type of joint specified.
- 5 Beams with shear reactions not shown shall be designed for a 12 kip reaction (service loads for allowable stress design).
- 6 The fabricator is responsible for designing connections for the reactions shown on these plans. The reactions shown are "service" loads for "Allowable Stress Design" (ASD). Connections may be designed for these values using the conventional "Allowable Stress Design" method, as specified in the AISC Steel Construction Manual indicated in the code reference section of these general notes. Grout shall be nonmetallic, shrinkage-resistant grout conforming to ASTM C 1017, Grade B or C, factory-packaged, nonmetallic aggregate grout, noncorrosive, nonstaining, mixed with water to consistency suitable for application and a 30-minute working time.
- 7 Structural steel shall be cleaned in accordance with the Steel Structures Painting Council Specification SP 3 for Power Tool Cleaning (except for steel exposed to weather).
- 8 All steel members and bolting exposed to weather shall be cleaned in accordance with the Steel Structures Painting Council Specification SP 6 for Commercial Blast Cleaned and hot-dipped galvanized in accordance with ASTM A 123 and ASTM A 153. Minimum acceptable inc coating weight shall be 2 oz./sq. Ft. See architectural specifications for finished paint if required. Clean areas where galvanizing is damaged or missing and repair galvanizing to comply with ASTM A 780.
- 9 For miscellaneous steel, see architectural drawings.
- 10 Existing steel surfaces to receive field welds shall be thoroughly cleaned and free from paint, rust, grease, etc.
- 11 Submittals to the engineer are required for certificates of compliance for structural steel, bolts, nuts, washers, and weld fill material prior to the fabrication of any steel.
- 12 At the completion of fabrication, the fabricator shall submit a certificate of compliance stating that the work was performed in accordance with the approved contract documents, as required by Section 1704.2 of the building code indicated at the beginning of these General Notes.

Lintel Notes:

1 Unless otherwise noted, for lintels over doors, windows, ducts, and miscellaneous openings in non-bearing 4", 8" and 12" CMU walls and brick walls use for each 4" of masonry:

Angle size	Max. M.O.	Bearing each end
3 1/2" x 3/8" flat plate	2'-0"	6"
3 1/2" x 4" x 5/16" (LLV)	3'-6"	6"
3 1/2" x 5" x 5/16" (LLV)	5'-0"	8"
3 1/2" x 6" x 5/16" (LLV)	6'-0"	8"
3 1/2" x 6" x 3/8" (LLV)	8'-0"	8"

2 Openings in non-bearing walls masonry where no specific lintels or lintel sizes are indicated shall have 8" bearing at each end and shall have the following sizes:

Max. M.O.	Wall thickness	Lintel size
9'-0"	8"	W8x24
9'-13"	8"	W8x31 + 5/16" plate
12'-0"	8"	W8x28
12'-0"	9'-13"	W8x35 + 5/16" plate

- Plates indicated in above lintels shall have a width 1" less than the wall thickness and a length 1" less than the masonry opening.
- Provide 7 1/2" x 5/8" x 0'-7 1/2" bearing plates on 3/4" grout bed with (2)-5/8" diameter x 6" long welded anchor studs at 3" o.c. unless otherwise noted. Field weld bottom flange of beam to bearing plate with 1/4" weld at each side of flange.
- 3 For 6" masonry partitions use WT 7x13 for spans up to 7'-0" with 6" bearing each end.
- 4 For 10" masonry partitions use WT 7x21.5 for spans up to 7'-0" with 8" bearing each end.
- 5 Fill the first two courses directly under bearing with grout for 16" length.
- 6 See architectural and mechanical drawings for size and location of openings.
- 7 When openings occur in bearing walls or the height of masonry above the lintel is less than the opening width or when a control joint is located directly above or within 16" of the jamb opening and drawings do not otherwise indicate a specific lintel design, consult with the architect to confirm lintel requirements.
- 8 Lintels over adjacent openings with piers between less than 2'-8" wide shall be continuous over piers. Masonry units of such piers shall be filled with grout for full story height.
- 9 Connect lintel to structural steel columns when there is less than 16" of masonry between the masonry opening and the outermost face of column.
- 10 Lintels supporting exterior masonry shall be hot-dipped galvanized. See structural steel notes.
- 11 Lintels for openings in walls: These plans do not show the full scope of steel lintels required for new wall openings for doors, windows, ducts, louvers, etc. For masonry opening size and location of all wall openings, see architectural and mechanical drawings. Do not scale openings. For steel lintel size for corresponding masonry opening size, see notes, above, unless otherwise noted on plans.
- 12 Contractor shall design and provide shoring system as indicated in shoring note in general notes.

Cold-Formed Metal Framing Notes:

- 1 Design, fabrication, and erection of cold-formed metal framing shall conform to the American Iron and Steel Institute's "Specification for the Design of Cold-formed Steel Structural Members", indicated in the code reference section of these general notes.
- 2 All studs and/or joists and accessories shall be of the type, size, steel thickness and spacing shown on the drawings. Studs, tracks, bracing and bridging shall be manufactured per ASTM C 955.
- 3 All studs, joists and accessories shall be formed from steel that conforms to the requirements of ASTM A 1003 with a yield as follows:
 - i. 16 ga (0.054") or heavier 50 ksi
 - ii. 18 ga (0.043") or lighter 33 ksi
- 4 All studs, joists and accessories shall be galvanized with a minimum G-60 coating.
- 5 Touchup paint: Immediately after fabrication and erection, clean welds, fasteners, and damaged galvanized surfaces. Touchup and repair surfaces with galvanized repair paint in accordance with ASTM A 780, applied by brush or spray to provide minimum dry film thickness of 2.0 mils.
- 6 Where framing systems are not shown on the drawings, provide delegated design of framing systems for the design loads indicated in the contract documents. Provide for movement of framing members without damage or overstressing, sheathing failure, connection failure, undue strain on fasteners and anchors, or other detrimental effects when subject to a maximum ambient temperature of 120 deg F. Design framing system to maintain clearances at openings, to allow for construction tolerances, and to accommodate live load deflection of primary building structure for an upward and downward movement of L240 for roofs.
- 7 Connections shall be accomplished with self-driving screws or welding so that the connection meets or exceeds the design loads required at that connection.
- 8 All connections shall be made using a minimum of four (4) No. 10-16 screws, unless otherwise shown on drawings.
- 9 Screw spacing and edge distance shall not be less than 1".
- 10 Minimum connection angle thickness shall be 16 gage, but no thinner than the material of the members that are being connected.
- 11 Welding shall conform to Structural Welding Code D1.1 and Specification for Welding Sheet in Structures E1.3 of the American Welding Society and be performed by a certified welder in accordance with AWS standards.
- 12 Temporary bracing shall be provided and left in place until work is permanently stabilized.
- 13 All built-up framing members shall be of welded construction, unless otherwise noted.
- 14 Avoid holes at ends of members. However, should holes occur, provide additional reinforcing at the ends of the member where holes occur, unless otherwise noted.
- 15 Provide lateral blocking, bridging, and web stiffeners for vertical and horizontal framing members, and other framing members as required and in accordance with manufacturer's specifications or recommendations, unless indicated otherwise on the drawings.
- 16 Track: 16 gage minimum, securely anchored to adjacent structure or member.
- 17 All framing components: cut squarely or at an angle to fit squarely against abutting members. All members: held firmly in position until properly fastened, erect member level, plumb, and true to line and to dimensions and elevations indicated.
- 18 Studs: Seated squarely in the track with the stud web and flanges abutting the track web, and securely attached to the flanges or web of both tracks.
- 19 Splices in studs and other framing components: Not permitted.
- 20 Shape designations and section properties are based on the universal system for light gage steel framing members. For example, "600S162-54" denotes 6" deep, 1-5/8" wide flange, stud, 54 mils=16 gage) thickness.
- 21 Submittals to the engineer are required for certificates of compliance for framing members (studs, joists, tracks, etc.), screws, and accessories (connection clips, stiffeners, etc.) prior to delivery to the site.
- 22 Shop drawings: Show layout, spacing, sizes, thickness, material specification, and types of cold-formed metal framing. Show fastening and anchorage details, including mechanical fasteners. Show reinforcing channels, opening framing, supplemental framing, strapping, bracing, bridging, splices, accessories, connection details, and attachment to adjoining work.

Regarding delegated design of cold formed framing, the cold-formed metal engineer and fabricator shall design only members and connections that are not shown on the drawings and shall submit calculations of all designs, signed and sealed by a qualified professional engineer registered in the state of jurisdiction who is responsible for their preparation. They shall not design any changes to the cold-formed metal framing, including sizes, gage, spacing and connections, that are indicated on the drawings.

MEADOW POND ES ADDITIONS + ALTERATIONS

KATONAH-LEWISBORO
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185 SMITH RIDGE ROAD,
SOUTH SALEM, NY 10590



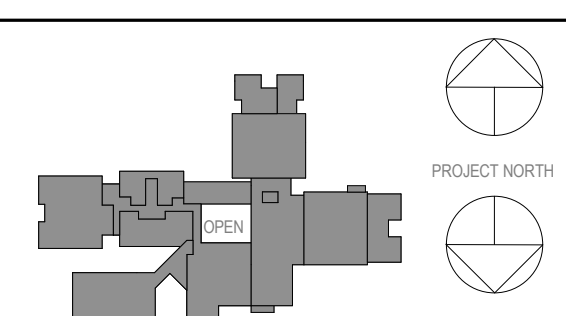
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385 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P:914.686.5900 KSDARCHITECTS.COM

NY SED PROJECT CONTROL NUMBER
66-01-01-03-0-007-016

CONSTRUCTION DOCUMENTS - ISSUED FOR BID



93 Lake Avenue, Suite 201
Danbury, CT 06810
[203]490-4140 | www.tdeg.com



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Professional Seal

03/22/2024	ISSUED FOR BID
09/01/2023	NYSED SUBMISSION

Sheet Title Issue

GENERAL NOTES AND MATERIAL SPECIFICATIONS

Job No.	22243.00	Date	08/27/2023
Scale	AS NOTED	Drawn / Checked	CGB / JGL

Sheet Number

S001

**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

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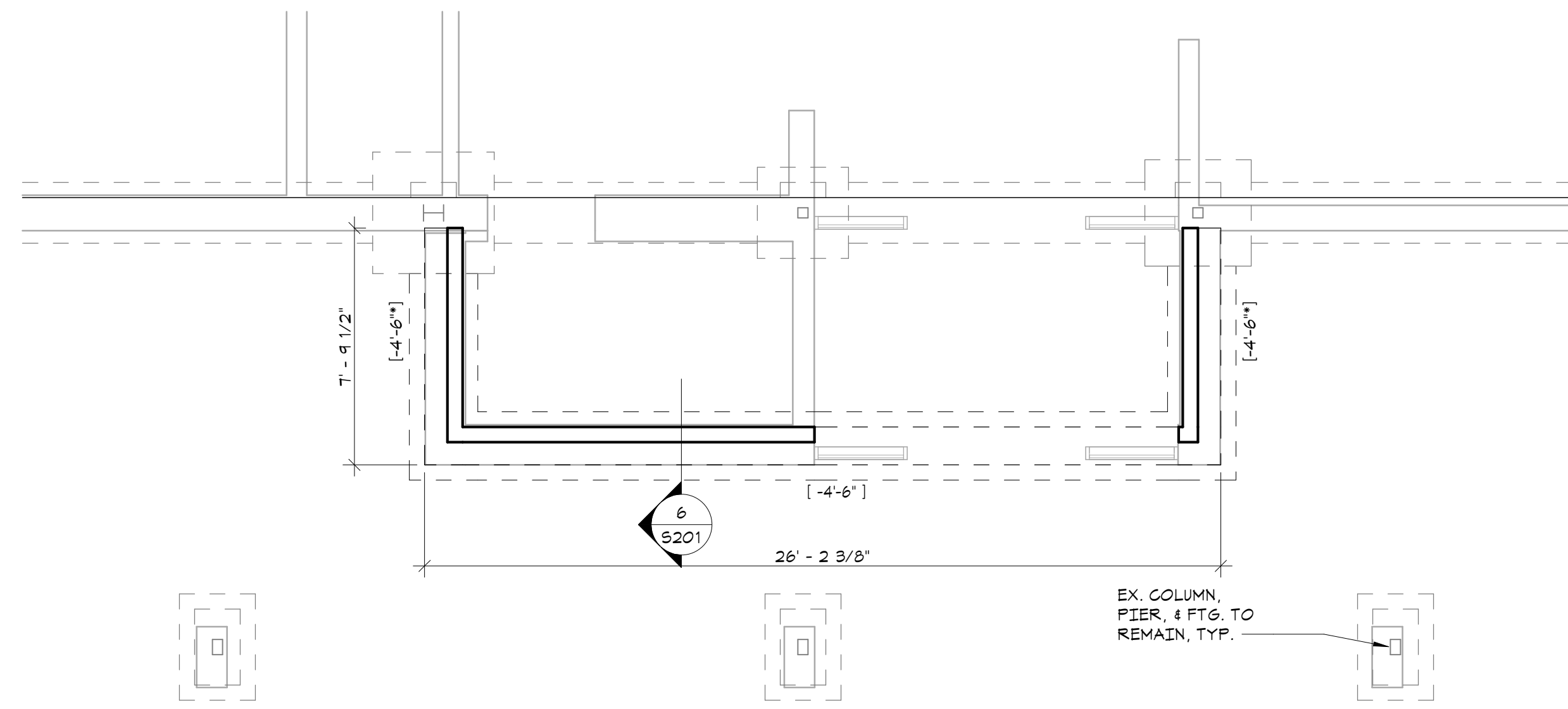
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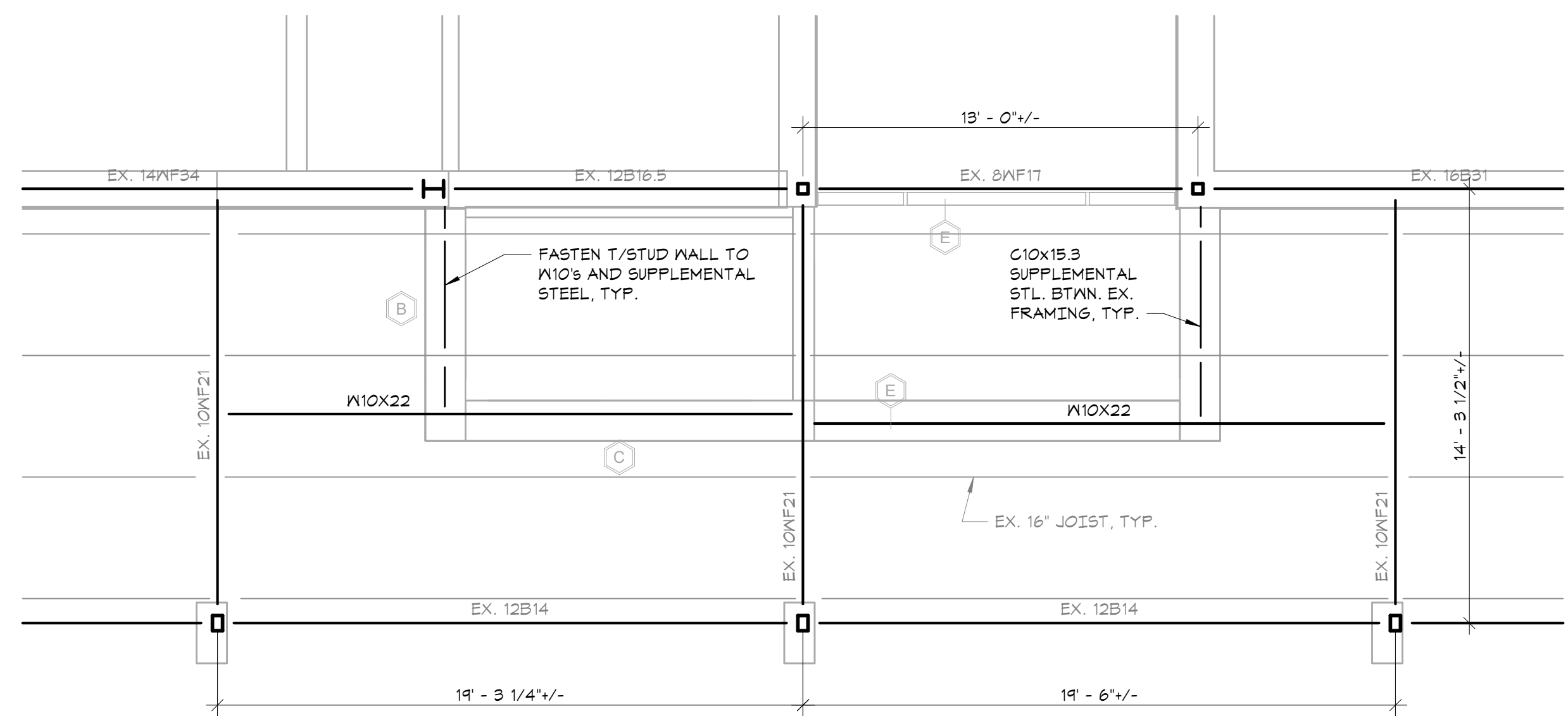


PARTIAL FOUNDATION PLAN (SECURITY)

- 1/4"=1'-0"
- TOP OF EXISTING FIRST FLOOR CONCRETE SLAB ON GRADE ELEVATION + DATUM ELEVATION 0'-0" ±.
 - SAW CUT EXISTING SLAB AS REQUIRED FOR INSTALLATION OF NEW FOUNDATION WALLS AND FOOTINGS. REPAIR SLAB AS REQUIRED TO MATCH EXISTING.
 - FOR FOUNDATION CONDITION AT EXTERIOR DOORS, SEE "TYPICAL DETAIL AT EXTERIOR DOORS".
 - COORDINATE ALL PITS, TRENCHES, POCKETS, BRICK SHELVES, SLEEVES, PENETRATIONS AND INSERTS IN CONCRETE WALLS AND SLABS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
 - CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS BEFORE PROCEEDING WITH ANY WORK.
 - * INDICATES BOTTOM OF FOOTING ELEVATION IS APPROXIMATE. BOTTOM OF NEW FOOTING SHALL MATCH BOTTOM OF EXISTING FOOTING, UNLESS EXISTING FOOTING ELEVATION IS ABOVE FROST DEPTH IN WHICH CASE CONTRACTOR SHALL NOTIFY ARCHITECT AND ENGINEER PRIOR TO PROCEEDING WITH ANY WORK.
 - SEE GENERAL NOTES, FOR ADDITIONAL INFORMATION.

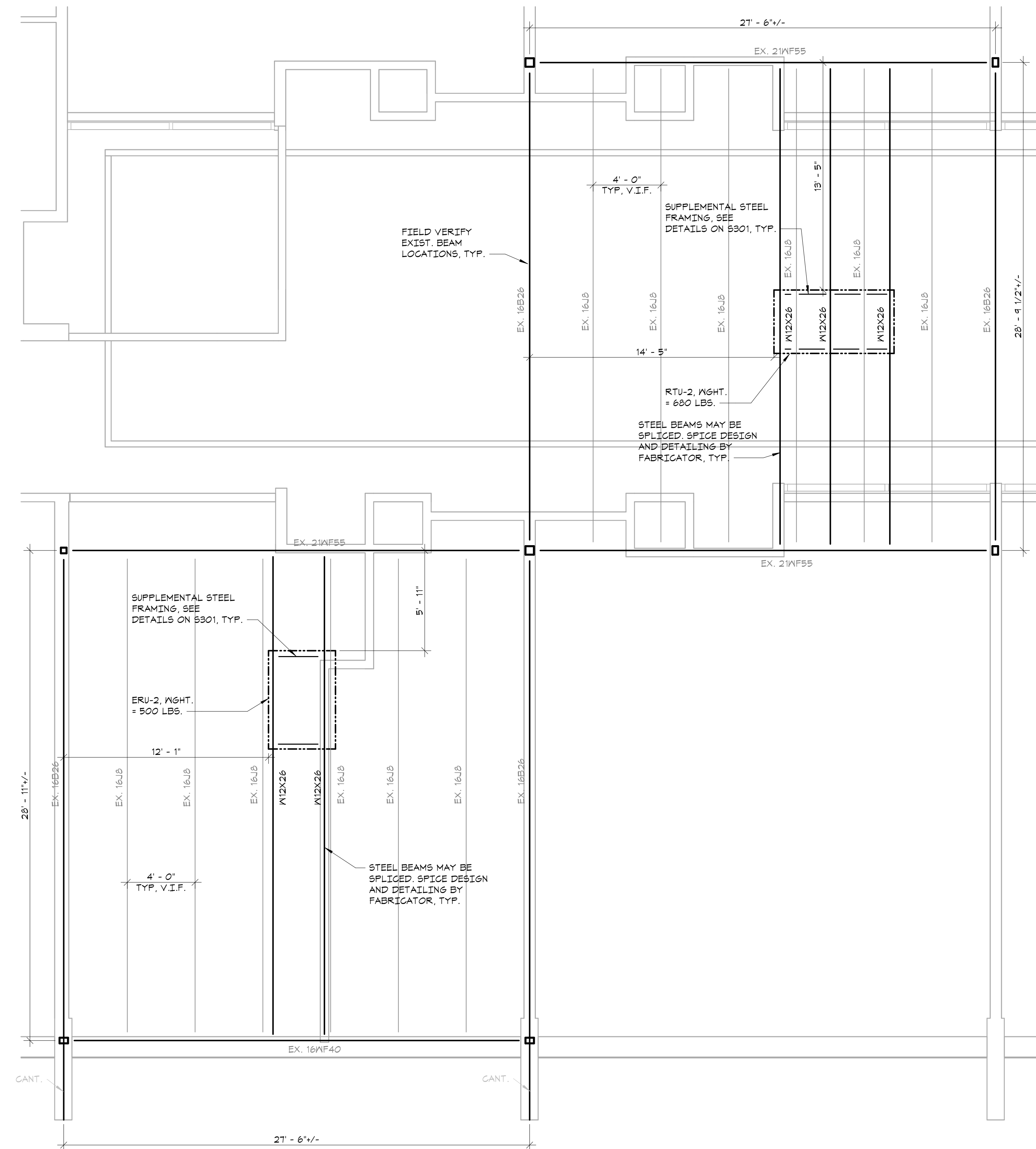
LEGEND:

- (-/-) INDICATES BOTTOM OF FOOTINGS ELEVATION FROM TOP OF EXISTING FIRST FLOOR CONCRETE SLAB DATUM ELEVATION.



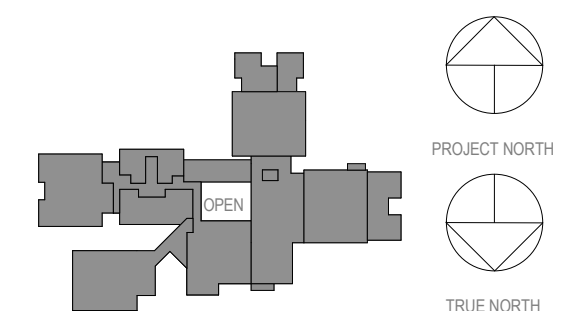
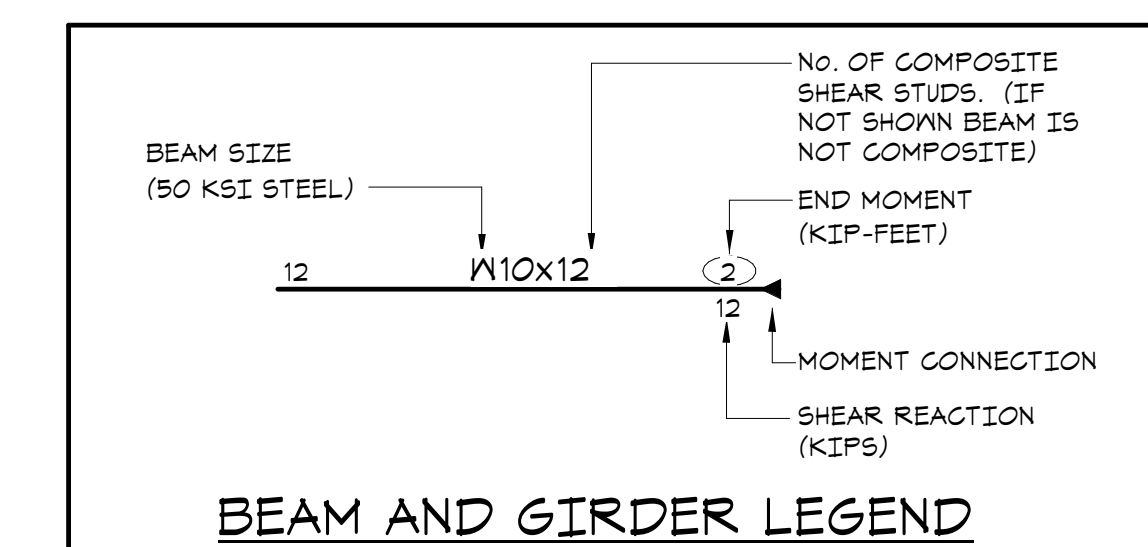
**PARTIAL ROOF FRAMING
PLAN (SECURITY)**

- 1/4"=1'-0"
- TOP OF STEEL ELEVATION TO MATCH EXISTING STEEL CANOPY FRAMING. VERIFY IN FIELD. TOPS OF EXISTING STEEL GIRDERS ARE 2 1/2" BELOW TOPS OF JOISTS, TYP.
 - EXISTING ROOF DECK IS 3" PRECAST INSULATED PLANKS, VERIFY IN FIELD.
 - COORDINATE SIZE AND LOCATION OF ALL ROOF PENETRATIONS WITH ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS. ALL ROOF PENETRATIONS SHALL BE REVIEWED BY THE ENGINEER PRIOR TO FABRICATION AND INSTALLATION OF PENETRATION FRAMING ELEMENTS. PROVIDE FRAMING AS INDICATED IN "TYPICAL ROOF/FLOOR OPENING DETAIL". DO NOT SCALE OPENINGS.
 - SEE GENERAL NOTES FOR ADDITIONAL INFORMATION.



**PARTIAL ROOF FRAMING
PLAN (WINGSFACE A)**

- 1/4"=1'-0"
- TOP OF STEEL ELEVATION TO MATCH TOP OF EXISTING STEEL JOISTS (UNDERSIDE OF PLANK). VERIFY IN FIELD. TOPS OF EXISTING STEEL GIRDERS ARE 2 1/2" BELOW TOPS OF JOISTS, TYP.
 - EXISTING ROOF DECK IS 3" PRECAST INSULATED PLANKS, VERIFY IN FIELD.
 - COORDINATE SIZE AND LOCATION OF ALL ROOF PENETRATIONS WITH ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS. ALL ROOF PENETRATIONS SHALL BE REVIEWED BY THE ENGINEER PRIOR TO FABRICATION AND INSTALLATION OF PENETRATION FRAMING ELEMENTS. PROVIDE FRAMING AS INDICATED IN "TYPICAL ROOF/FLOOR OPENING DETAIL". DO NOT SCALE OPENINGS.
 - MAXIMUM HEIGHT OF MECHANICAL UNITS, (INCLUDING HEIGHT OF CURB) USED IN THE DESIGN OF SUPPORTING MEMBERS ARE INDICATED ON THE PLANS. SEE MECHANICAL DRAWINGS FOR LOCATION OF MECHANICAL UNITS. FOR FRAMING INFORMATION, SEE "TYPICAL ROOFTOP UNIT CURB DETAIL" AND GENERAL NOTES.
 - * COORDINATE LOCATION OF STEEL BEAMS WITH MECHANICAL CONTRACTOR FOR ROOF TOP UNIT SELECTED. BEAM SPACING SHALL NOT EXCEED 8'-0".
 - SEE GENERAL NOTES FOR ADDITIONAL INFORMATION.



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No.	Date	Issue
2	03.22.2024	ISSUED FOR BID
1	09.01.2023	NYSSED SUBMISSION

Sheet Title
**PARTIAL
FOUNDATION
AND ROOF
FRAMING PLANS**

Job No. 22243.00 Date 06/27/2023
Scale AS NOTED Drawn / Checked JM/SGL
Sheet Number
S101

**MEADOW POND
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ALTERATIONS**

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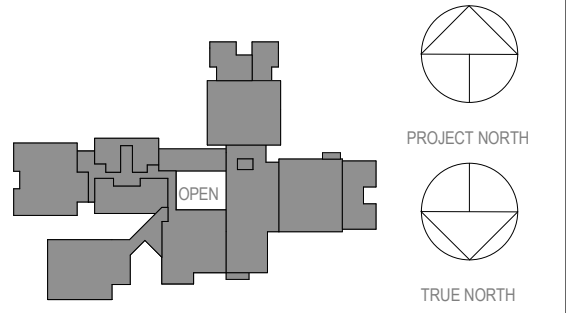


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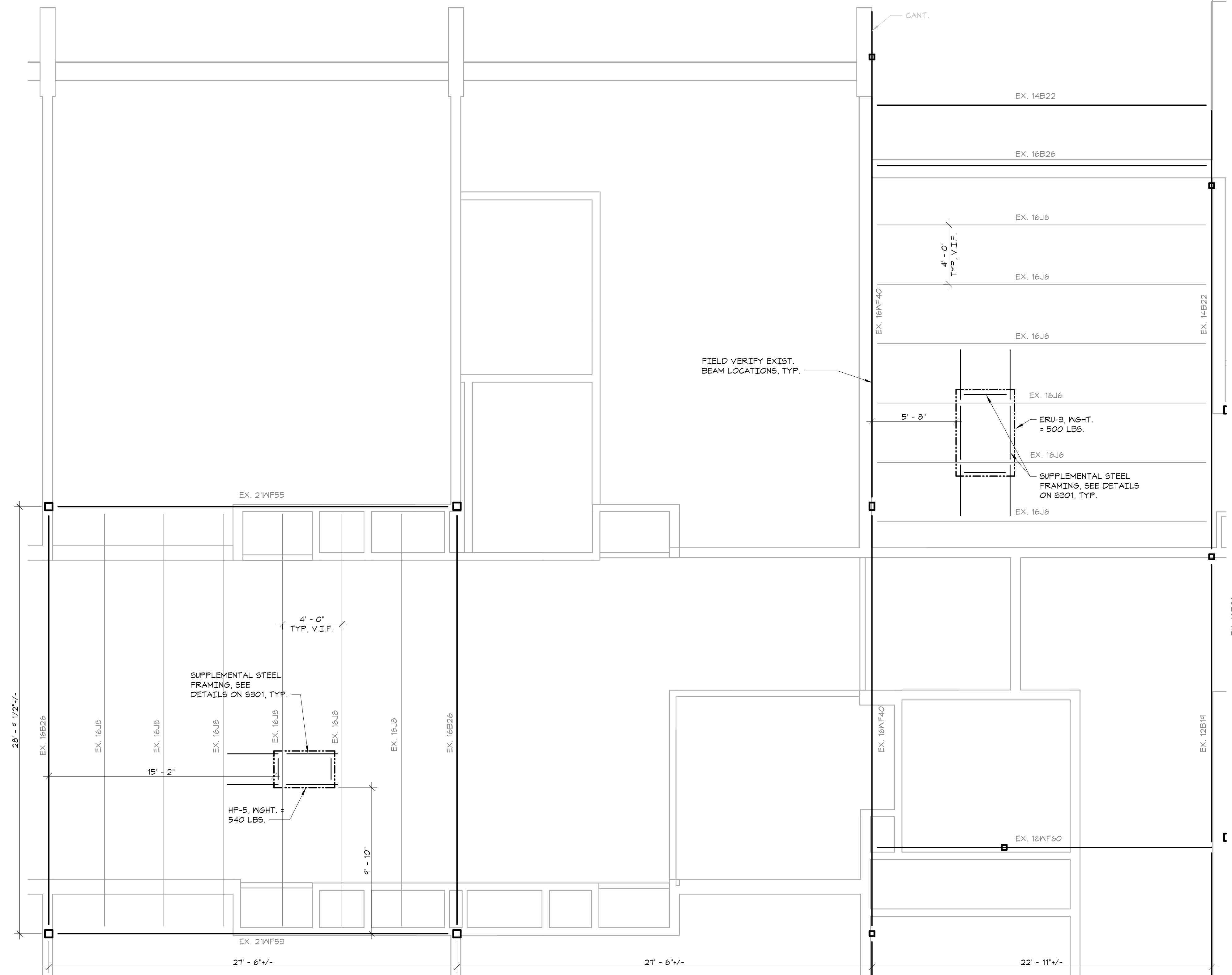
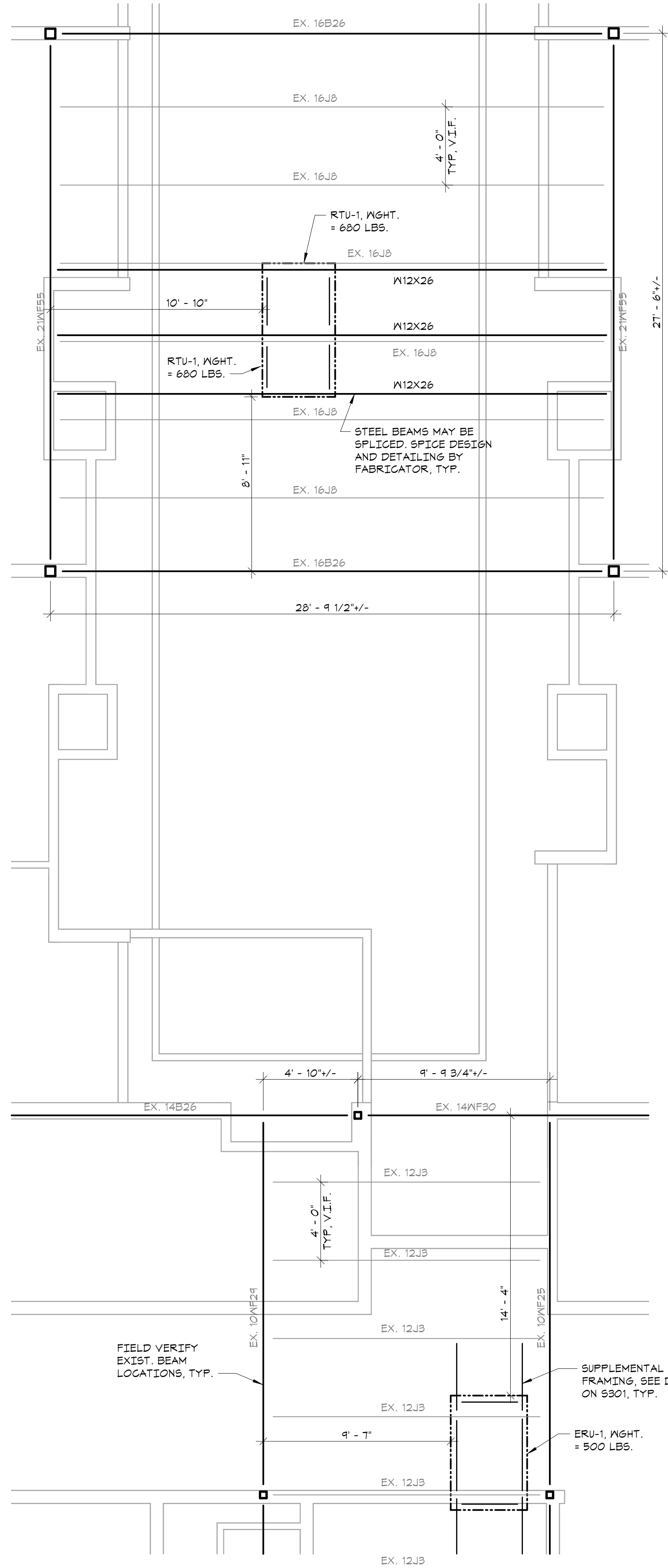
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**PARTIAL ROOF
FRAMING PLANS**

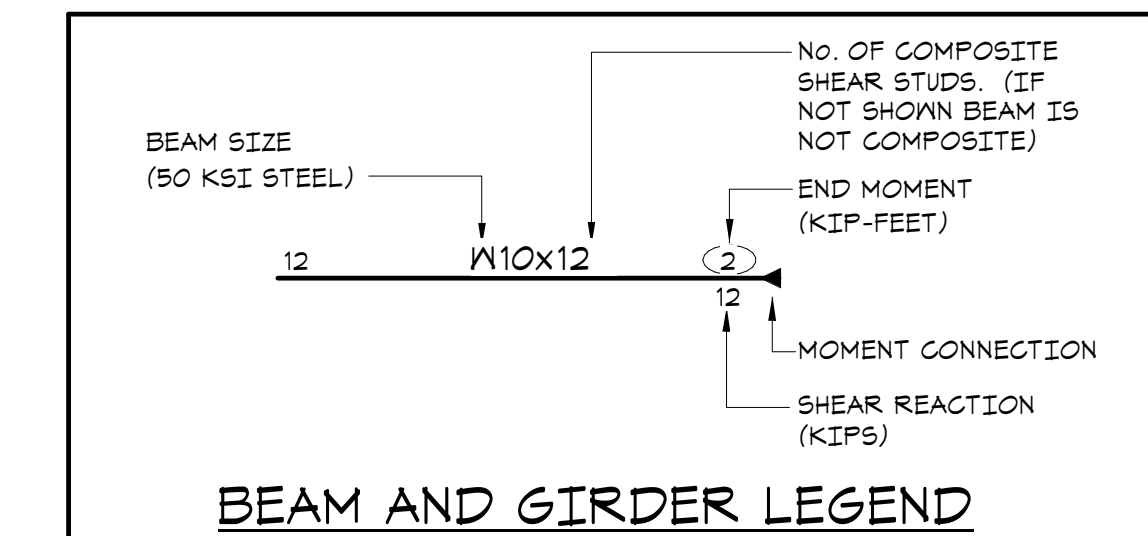
Job No. 22243.00 Date 06/27/2023
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Sheet Number

S102



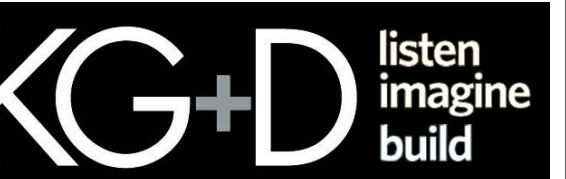
**PARTIAL ROOF FRAMING
PLAN (WINGSPEACE C)**

- TOP OF STEEL ELEVATION TO MATCH TOP OF EXISTING STEEL JOISTS (UNDERSIDE OF PLANK). VERIFY IN FIELD. TOPS OF EXISTING STEEL GIRDERS ARE 2 1/2" BELOW TOPS OF JOISTS, TYP.
- EXISTING ROOF DECK IS 3" PRECAST INSULATED PLANKS, VERIFY IN FIELD.
- COORDINATE SIZE AND LOCATION OF ALL ROOF PENETRATIONS WITH ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS. ALL ROOF PENETRATIONS SHALL BE REVIEWED BY THE ENGINEER PRIOR TO FABRICATION AND INSTALLATION OF PENETRATION FRAMING ELEMENTS. PROVIDE FRAMING AS INDICATED IN 'TYPICAL ROOF/FLOOR OPENING DETAIL'. DO NOT SCALE OPENINGS.
- MAXIMUM WEIGHT OF MECHANICAL UNITS, (INCLUDING WEIGHT OF CURB) USED IN THE DESIGN OF SUPPORTING MEMBERS ARE INDICATED ON THE PLANS. SEE MECHANICAL DRAWINGS FOR LOCATION OF MECHANICAL UNITS. FOR FRAMING INFORMATION, SEE 'TYPICAL ROOFTOP UNIT CURB DETAIL' AND GENERAL NOTES.
- * COORDINATE LOCATION OF STEEL BEAMS WITH MECHANICAL CONTRACTOR FOR ROOF TOP UNIT SELECTED. BEAM SPACING SHALL NOT EXCEED 6'-0".
- SEE GENERAL NOTES FOR ADDITIONAL INFORMATION.



**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

KATONAH-LEWISBORO
UFSD
185 SMITH RIDGE ROAD,
SOUTH SALEM, NY 10590



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285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
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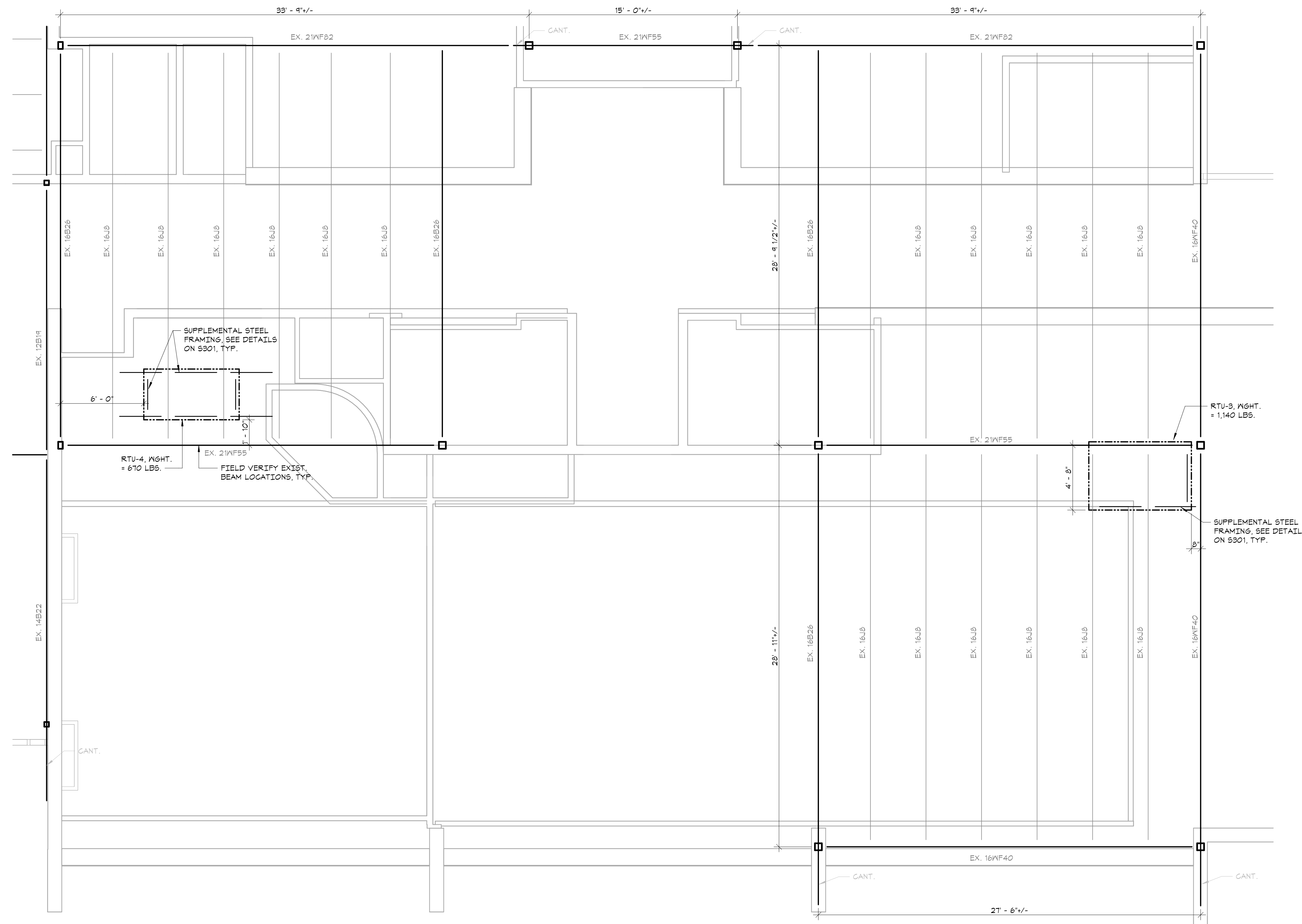
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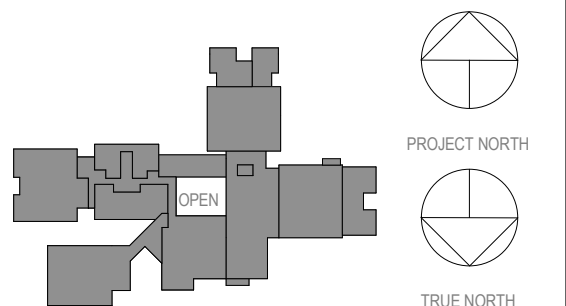
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**PARTIAL ROOF FRAMING PLAN
(LIBRARY AND STREAM LAB - ADD/ALT)**

1/4"=1'-0"

- TOP OF STEEL ELEVATION TO MATCH TOP OF EXISTING STEEL JOISTS (UNDERSIDE OF PLANK). VERIFY IN FIELD. TOPS OF EXISTING STEEL GIRDERS ARE 2 1/2" BELOW TOPS OF JOISTS, TYP.
- EXISTING ROOF DECK IS 9" PRECAST INSULATED PLANKS, VERIFY IN FIELD.
- COORDINATE SIZE AND LOCATION OF ALL ROOF PENETRATIONS WITH ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS. ALL ROOF PENETRATIONS SHALL BE REVIEWED BY THE ENGINEER PRIOR TO FABRICATION AND INSTALLATION OF PENETRATION FRAMING ELEMENTS. PROVIDE FRAMING AS INDICATED IN "TYPICAL ROOF/FLOOR OPENING DETAIL". DO NOT SCALE OPENINGS.
- MAXIMUM WEIGHT OF MECHANICAL UNITS, (INCLUDING WEIGHT OF CURB) USED IN THE DESIGN OF SUPPORTING MEMBERS ARE INDICATED ON THE PLANS. SEE MECHANICAL DRAWINGS FOR LOCATION OF MECHANICAL UNITS. FOR FRAMING INFORMATION, SEE "TYPICAL ROOFTOP UNIT CURB DETAIL" AND GENERAL NOTES.
- * COORDINATE LOCATION OF STEEL BEAMS WITH MECHANICAL CONTRACTOR FOR ROOF TOP UNIT SELECTED. BEAM SPACING SHALL NOT EXCEED 6'-0".
- SEE GENERAL NOTES FOR ADDITIONAL INFORMATION.



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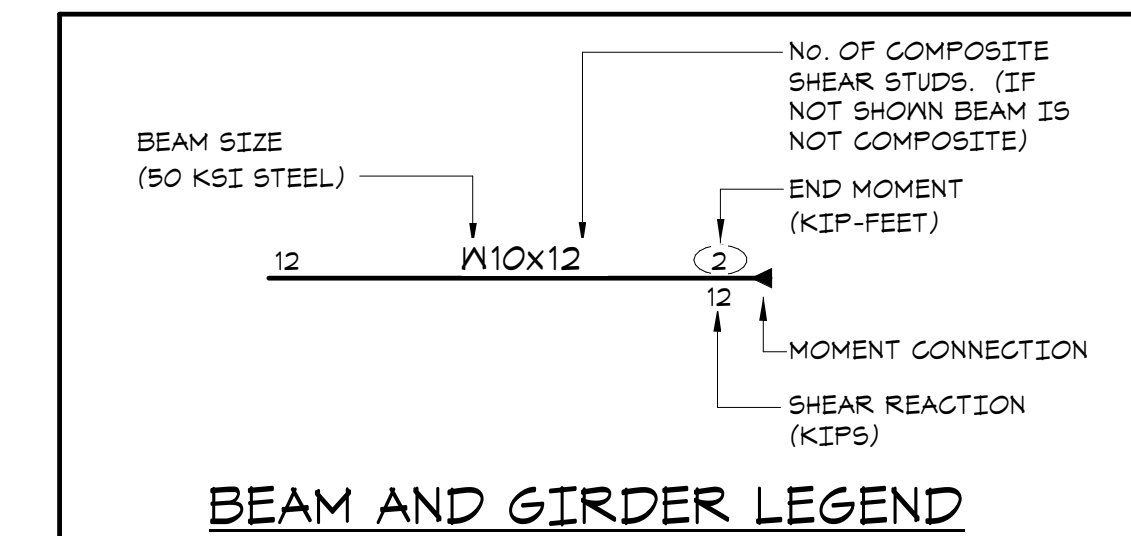
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**PARTIAL ROOF FRAMING PLANS
(ADD/ALT)**

Job No.	22243.00	Date	06/27/2023
Scale	AS NOTED	Drawn / Checked	JM/SGL

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S103



**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

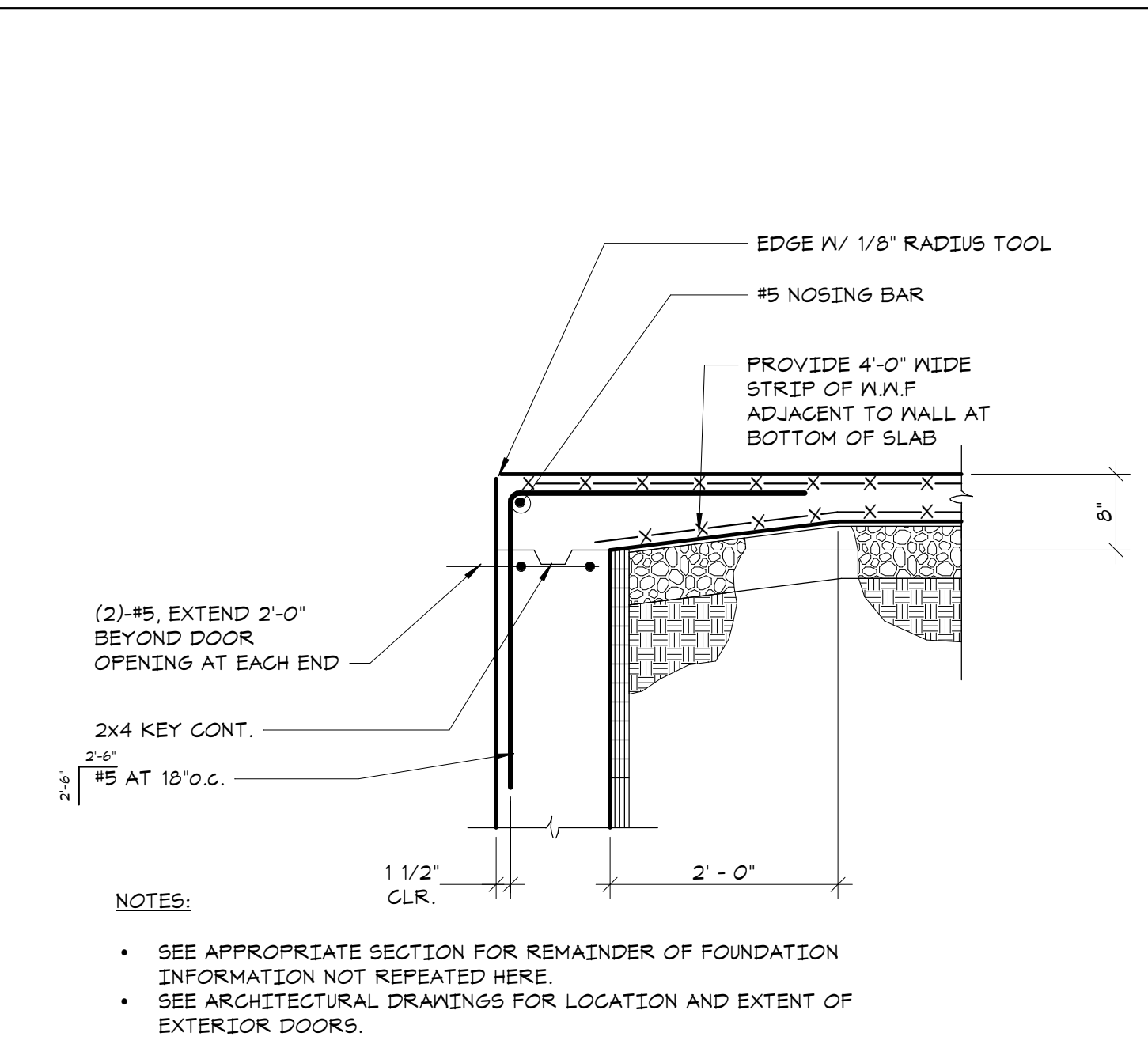
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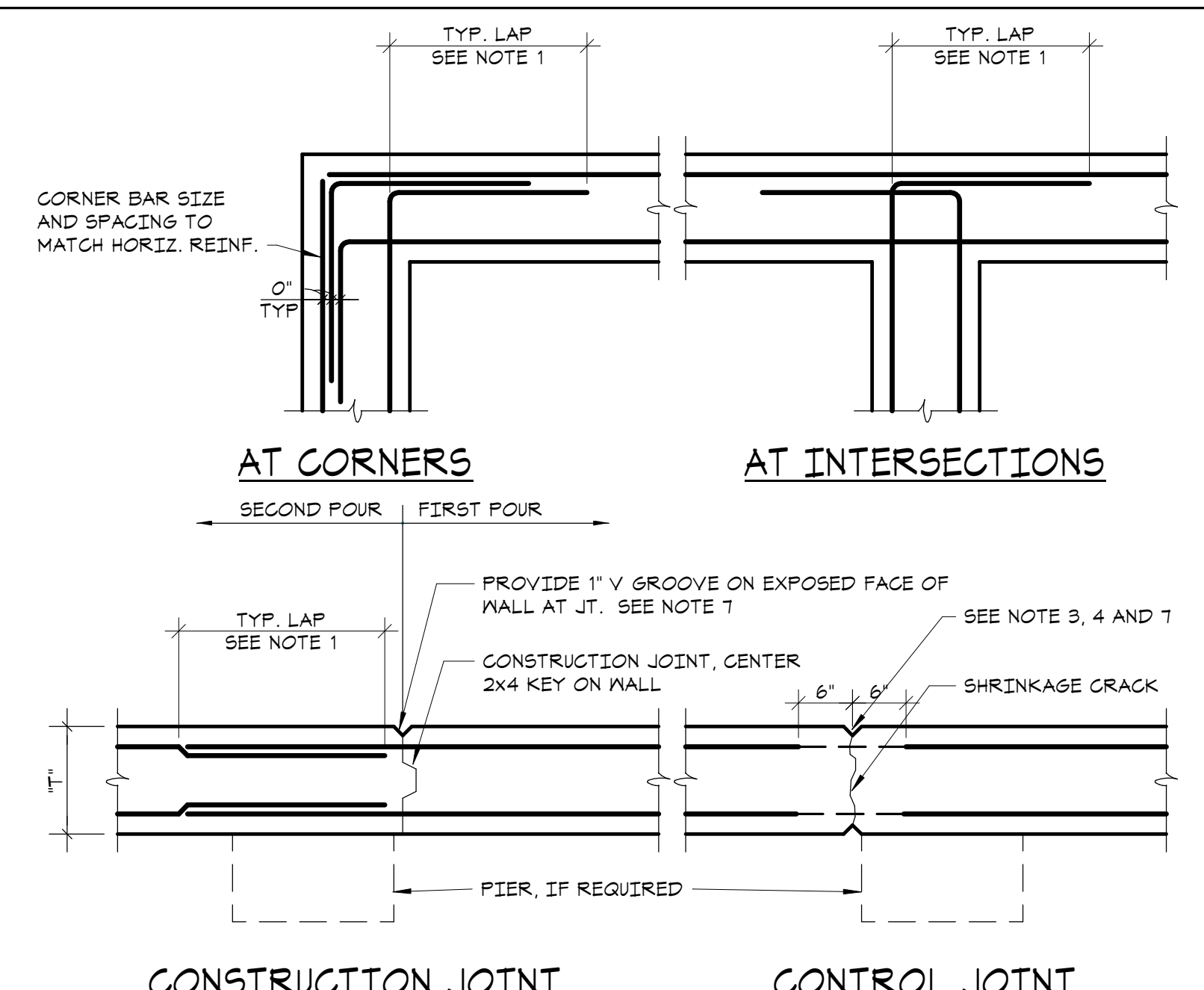
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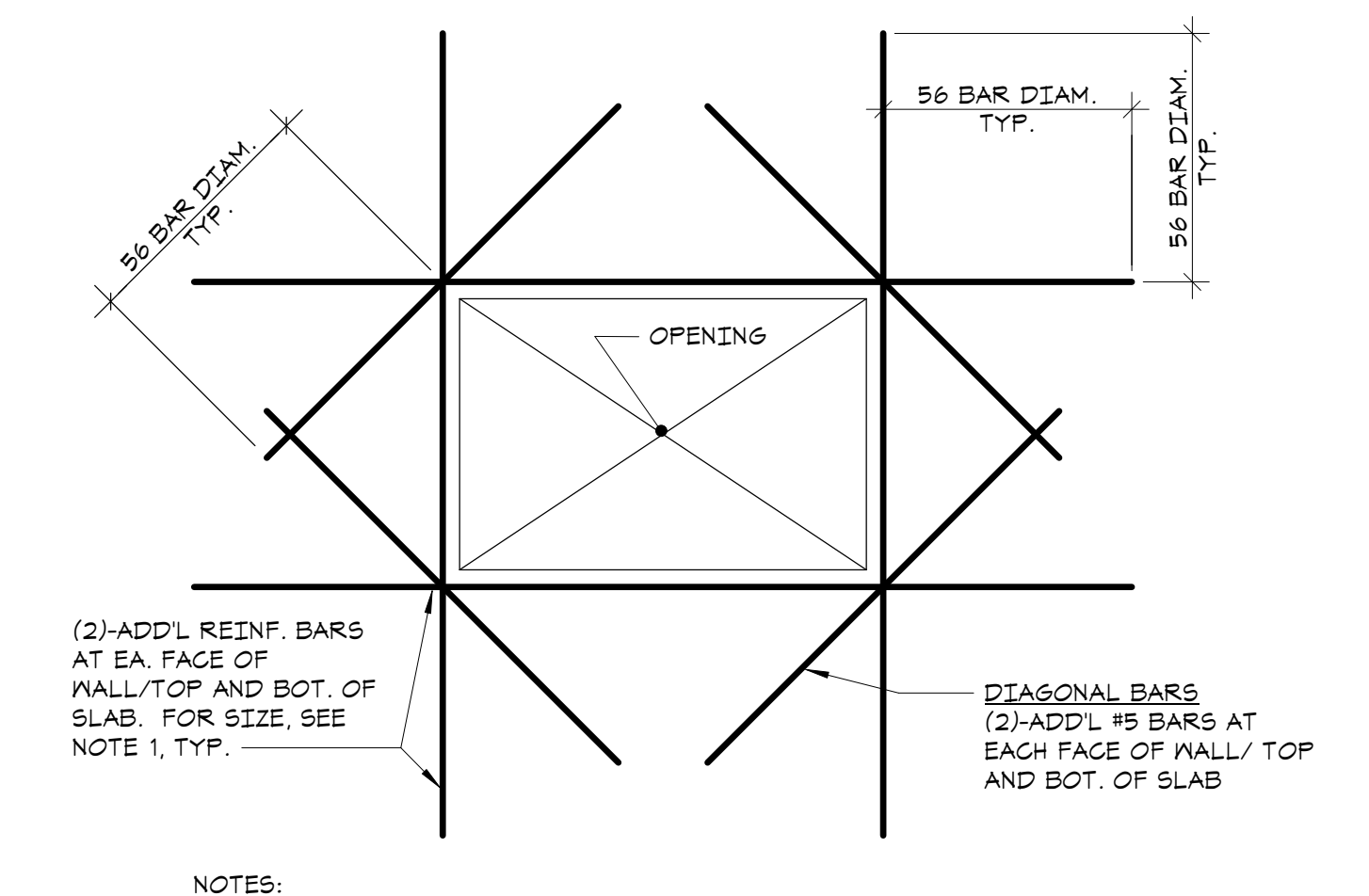


1 TYPICAL FOUNDATION WALL DETAIL AT EXTERIOR DOORS
NO SCALE

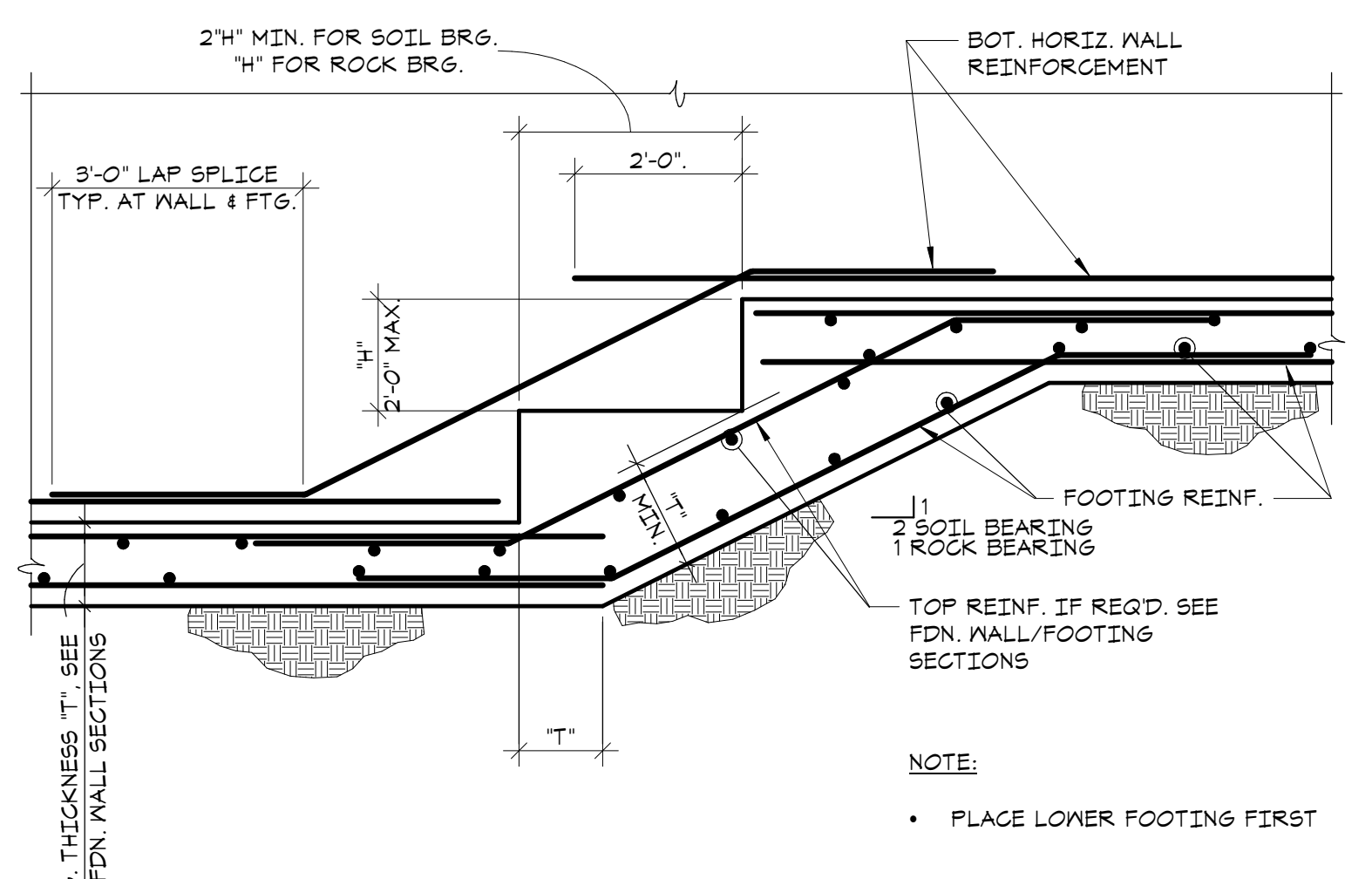


2 TYPICAL CONCRETE WALL CONSTRUCTION DETAIL
NO SCALE

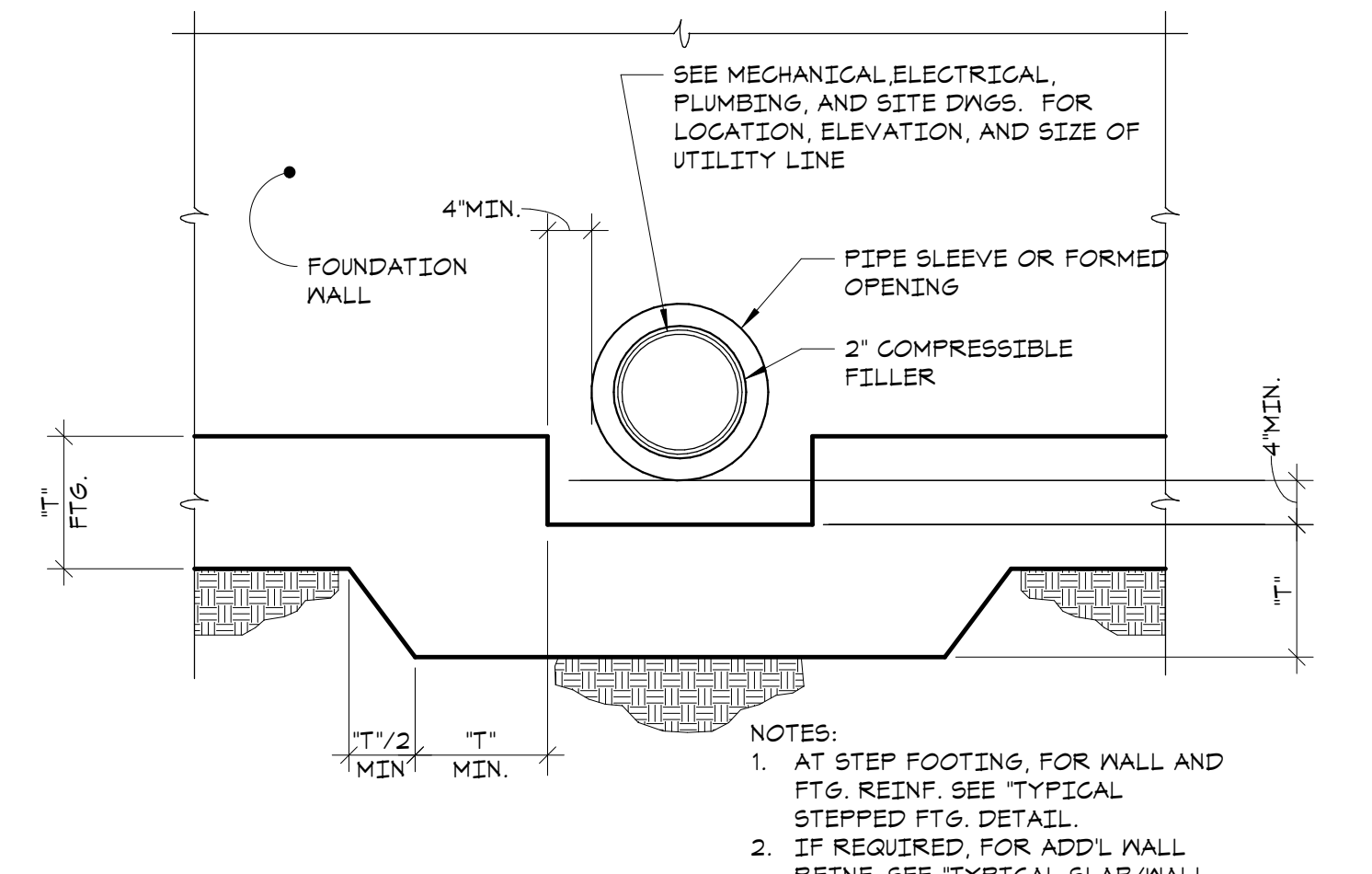
- NOTES:
1. ALL BAR SPLICES SHALL BE CLASS 'B' LAP SPLICES WITH 56 BAR DIAMETERS MINIMUM.
 2. PROVIDE CONSTRUCTION JOINT AT END OF EACH DAY'S POUR. WALLS SHALL NOT BE POURED IN CONTINUOUS LENGTHS EXCEEDING 30 FEET WITHOUT PROVIDING CONSTRUCTION JOINTS OR CONTROL JOINTS.
 3. PROVIDE CONSTRUCTION/CONTROL JOINTS AT FACE OF PIERS UNLESS OTHERWISE NOTED ON PLAN.
 4. AT CONTROL JOINT, PROVIDE BEVEL JOINT 1" TO WALL SURFACE BOTH SIDES. STOP ALTERNATING HORIZONTAL REINFORCING BARS 6" SHORT OF CONTROL JOINT.
 5. SEE APPROPRIATE SECTION FOR WALL REINFORCEMENT.
 6. VERTICAL REINFORCING AND/OR SUPPORT BARS NOT SHOWN FOR CLARITY.
 7. PROVIDE GULKING AT JOINT IF REQUIRED. SEE SPECIFICATIONS.



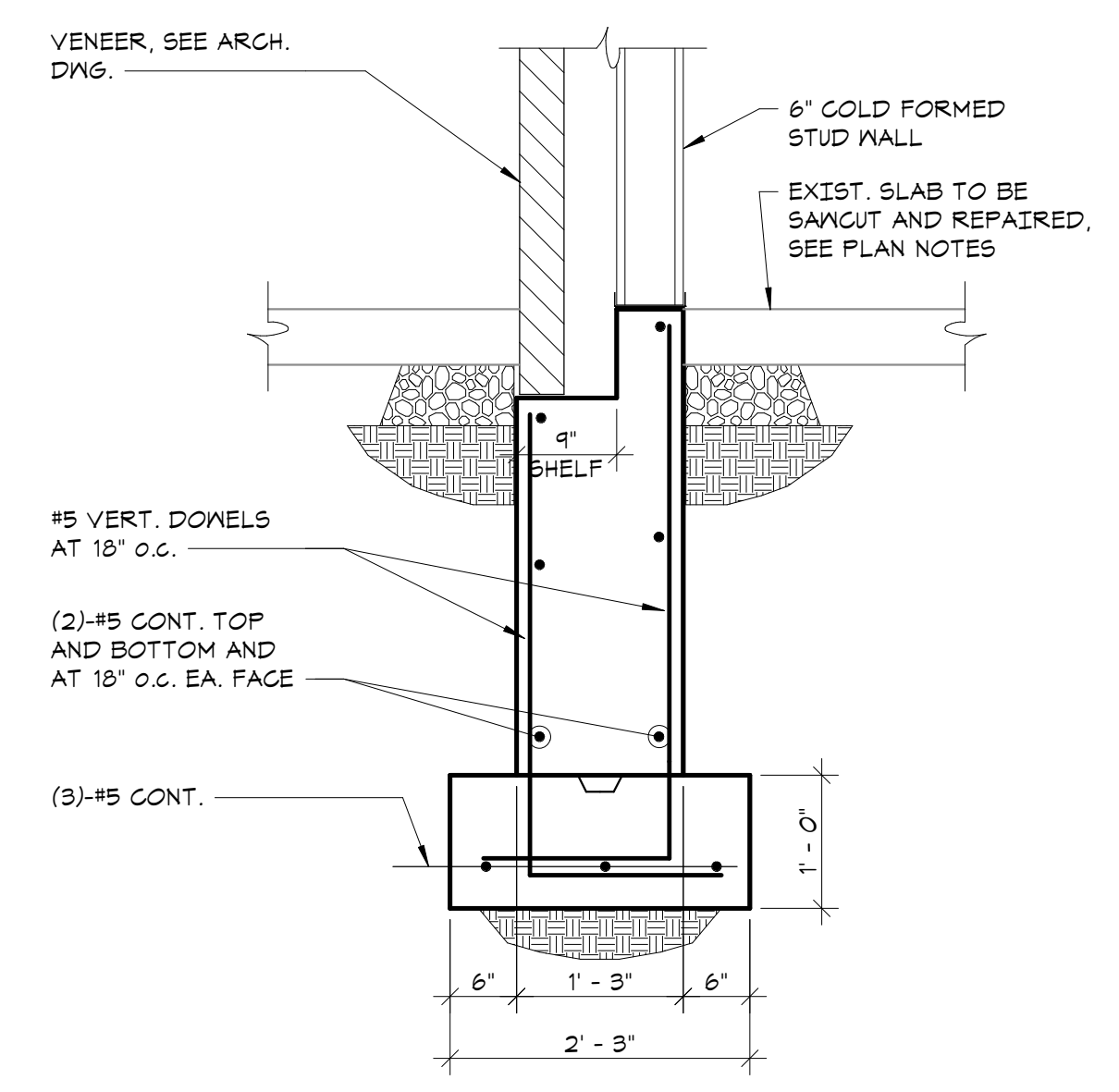
3 TYPICAL SLAB/WALL PENETRATION REINFORCING DETAIL
NO SCALE



4 TYPICAL STEPPED FOOTING DETAIL
NO SCALE



5 TYPICAL STEP FOOTING DETAIL AT WALL PIPE PENETRATION
NO SCALE

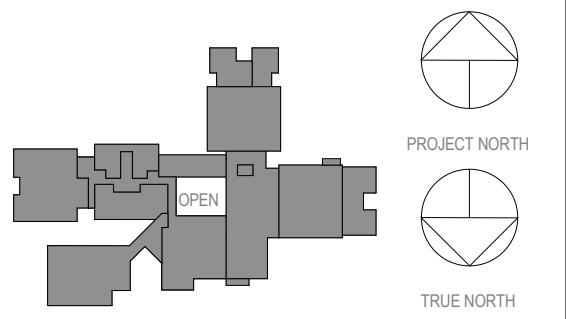


6 SECTION
3/4" = 1'-0"

SCHEDULE OF EMBEDMENT AND SPLICE LENGTH																		
BAR SIZE	COMPRESSION		TENSION (F _c = 3000 psi)								TENSION (F _c = 4000 psi)							
	EMBED. LENGTH	LAP SPLICE LENGTH	EMBEDMENT LENGTH				LAP SPLICE LENGTH				EMBEDMENT LENGTH		LAP SPLICE LENGTH					
			TOP BARS	OTHER BARS	TOP BARS	OTHER BARS	TOP BARS	OTHER BARS	TOP BARS	OTHER BARS	TOP BARS	OTHER BARS						
		SEE NOTE 1	CATEGORY SEE NOTE 1	SEE NOTE 1	CATEGORY SEE NOTE 1	SEE NOTE 1	CATEGORY SEE NOTE 1	SEE NOTE 1	CATEGORY SEE NOTE 1	SEE NOTE 1	CATEGORY SEE NOTE 1	SEE NOTE 1	CATEGORY SEE NOTE 1					
#3	9"	12"	22"	33"	11"	25"	24"	43"	23"	33"	19"	28"	15"	22"	25"	31"	20"	24"
#4	11"	15"	24"	43"	22"	33"	38"	56"	24"	43"	25"	31"	19"	24"	33"	44"	25"	38"
#5	14"	19"	36"	54"	28"	42"	41"	71"	31"	55"	31"	41"	24"	36"	41"	62"	32"	41"
#6	17"	23"	43"	65"	39"	50"	56"	85"	49"	65"	31"	56"	24"	43"	44"	73"	38"	56"
#7	20"	27"	63"	94"	48"	72"	82"	123"	63"	94"	54"	81"	42"	63"	71"	106"	55"	82"
#8	22"	30"	72"	101"	55"	83"	94"	140"	72"	108"	62"	93"	48"	72"	81"	121"	63"	94"
#9	25"	34"	81"	121"	62"	93"	106"	158"	81"	121"	70"	105"	54"	81"	91"	131"	71"	106"
#10	28"	39"	91"	136"	70"	105"	114"	177"	91"	131"	74"	118"	61"	91"	102"	154"	80"	114"
#11	31"	43"	101"	151"	78"	116"	132"	191"	102"	151"	81"	131"	61"	101"	114"	171"	88"	132"
#14	38"	NP	121"	181"	93"	140"	NP	NP	NP	NP	105"	151"	81"	121"	NP	NP	NP	NP
#18	50"	NP	161"	242"	124"	186"	NP	NP	NP	NP	140"	204"	108"	161"	NP	NP	NP	NP
SEE NOTE 2	LCE	LCS	LTE				LTS				LTE		LTS					

- NOTES:
1. THIS SCHEDULE INCLUDES EMBEDMENT AND SPLICE LENGTHS AS PER ACI 318-02 AND SATISFY THE PROJECT REQUIREMENTS AND THE FOLLOWING CRITERIA. SPECIFIED YIELD STRENGTH OF REINFORCEMENT, $f_y = 60,000$ psi NORMAL WEIGHT CONCRETE, $w = 150$ pcf. TENSION EMBEDMENT AND LAP SPLICE LENGTHS ARE DIVIDED INTO TWO CATEGORIES WHICH SHALL BE APPLIED AS FOLLOWS: CATEGORY 1: CLEAR SPACING OF BARS BEING DEVELOPED OR SPLICED NOT LESS THAN THE BAR DIAMETER. CLEAR COVER NOT LESS THAN THE BAR DIAMETER, AND STIRRUPS OR TIES THROUGHOUT THE DEVELOPMENT NOT LESS THAN THE CODE MINIMUM, OR CLEAR SPACING OF BARS BEING DEVELOPED OR SPLICED, NOT LESS THAN 2x THE BAR DIAMETER AND CLEAR COVER NOT LESS THAN THE BAR DIAMETER. CATEGORY 2: ALL OTHER CASES.
 2. NOTATION USED IN SECTION AND DETAILS FOR VARIOUS EMBEDMENT AND SPLICE LENGTH REREQUIREMENTS.
 3. USE COMPRESSION LAP SPLICE LENGTH (LCS) AT ALL COMPRESSION MEMBER SPLICE LOCATIONS NOT SPECIFICALLY DETAILED AND UNLESS INDICATED OTHERWISE ON PLANS OR DETAILS. USE TENSION SPLICE FOR ALL OTHER SPLICES (UNLESS OTHERWISE NOTED ON DETAILS).
 4. THE STANDARD COMPRESSION LAP SPLICE IS $(0.0005 \times \text{REINFORCED YIELD STRENGTH} \times \text{THE BAR DIAMETER})$. THE STANDARD TENSION LAP SPLICE CLASS B IS 13 x THE DEVELOPMENT LENGTH. THE CONTRACTOR MAY SUBMIT LESSER SPLICE LENGTHS FOR REVIEW AND APPROVAL AT THE SAME TIME PROVIDING THE FOLLOWING INFORMATION.
 - A. DETAILS PREPARED AND SUBMITTED BY THE CONTRACTOR INDICATING LOCATION AND PROPOSED LAYOUT OF REBARS AND LENGTH OF SPLICES.
 - B. WHERE THE SIZE AND NUMBER OF TIES OR SPIRALS PERMITS THE REDUCTION OF LAP LENGTH, THOSE BARS SHALL BE INDICATED ON THE DETAILS.
 - C. WHERE COMPUTED STRESS VALUES PERMIT THE REDUCTION OF LAP LENGTH, COMPUTATIONS SHALL BE SUBMITTED FOR REVIEW.
 - D. THE APPLICABLE SECTION OF THE ACI 318-05 CODE PERMITTING THE LESSER SPLICE LENGTH SHALL BE INDICATED ON THE SUBMITTED MATERIAL.
 5. TOP BARS ARE HORIZONTAL BARS PLACED SO THAT MORE THAN 12" OF CONCRETE IS CAST ON THE MEMBER BELOW THE BAR.
 6. WHERE BARS OF DIFFERENT SIZE ARE TO BE SPLICED, THE SPLICE LENGTH FOR ALL BARS SHALL BE THAT REQUIRED FOR THE LARGEST.
 7. "NP" INDICATES NOT PERMITTED. BARS LARGER THAN NO. 11 SHALL NOT BE SPLICED EXCEPT AS FOLLOWS: TO #11 BARS IN COMPRESSION, USE LARGER OF THE DEVELOPMENT LENGTH OF THE LARGER BAR OR THE SPLICE LENGTH OF THE SMALLER BAR (51" FOR #14 AND 68" FOR #18).

7 SCHEDULE OF EMBEDMENT AND SPLICE LENGTH
NO SCALE



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**FOUNDATION
SCHEDULES AND
TYPICAL DETAILS**

Job No. 22243.00 Date 06/27/2023
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Sheet Number

S201

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ALTERATIONS**

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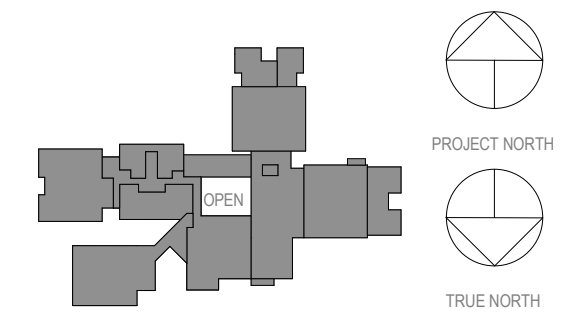
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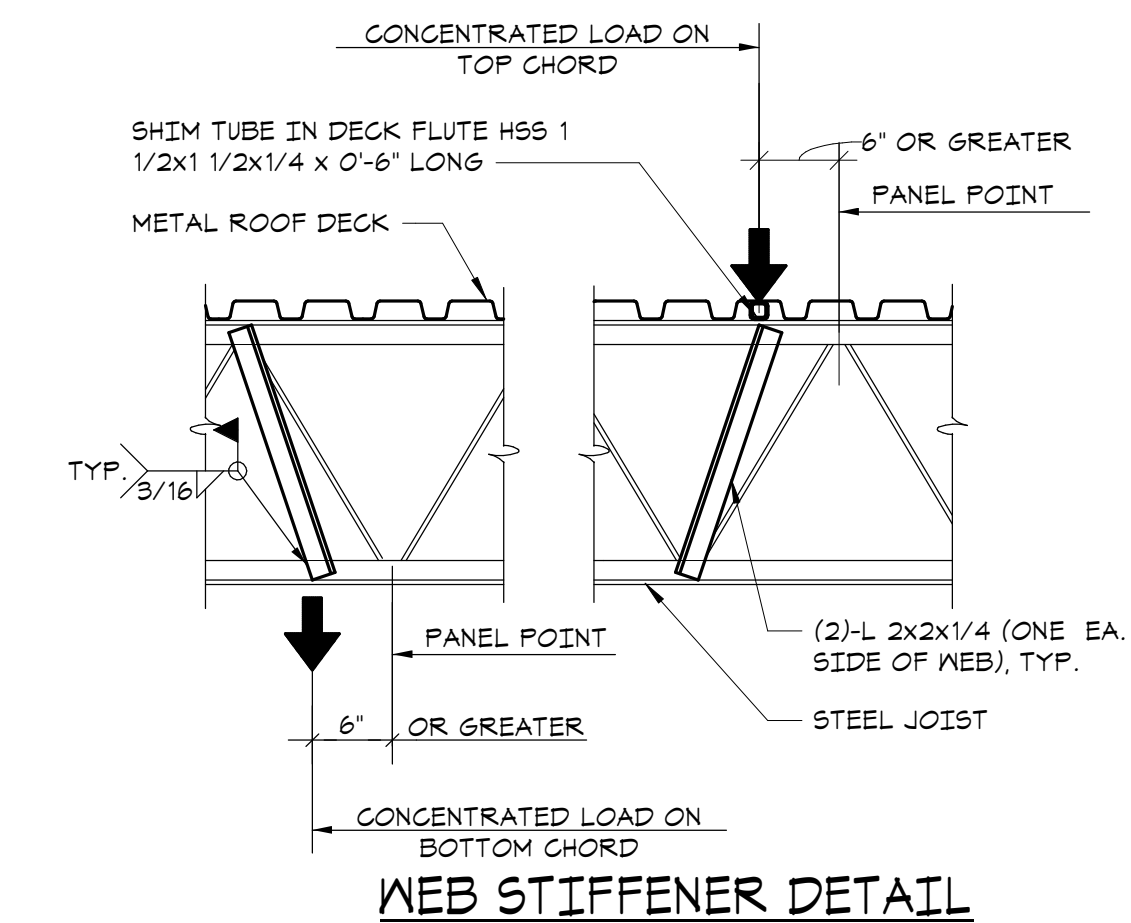
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**TYPICAL STEEL
FRAMING
DETAILS**

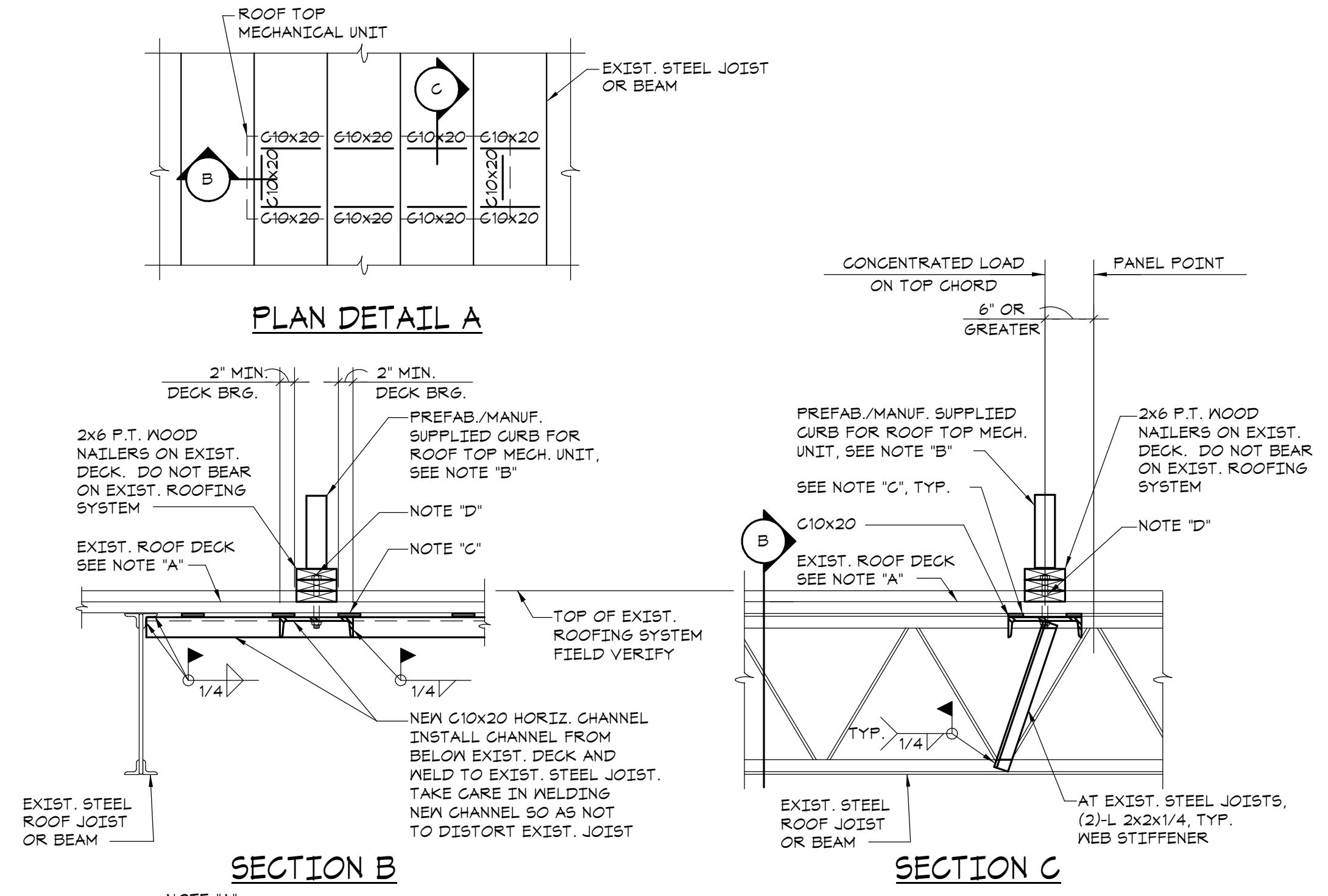
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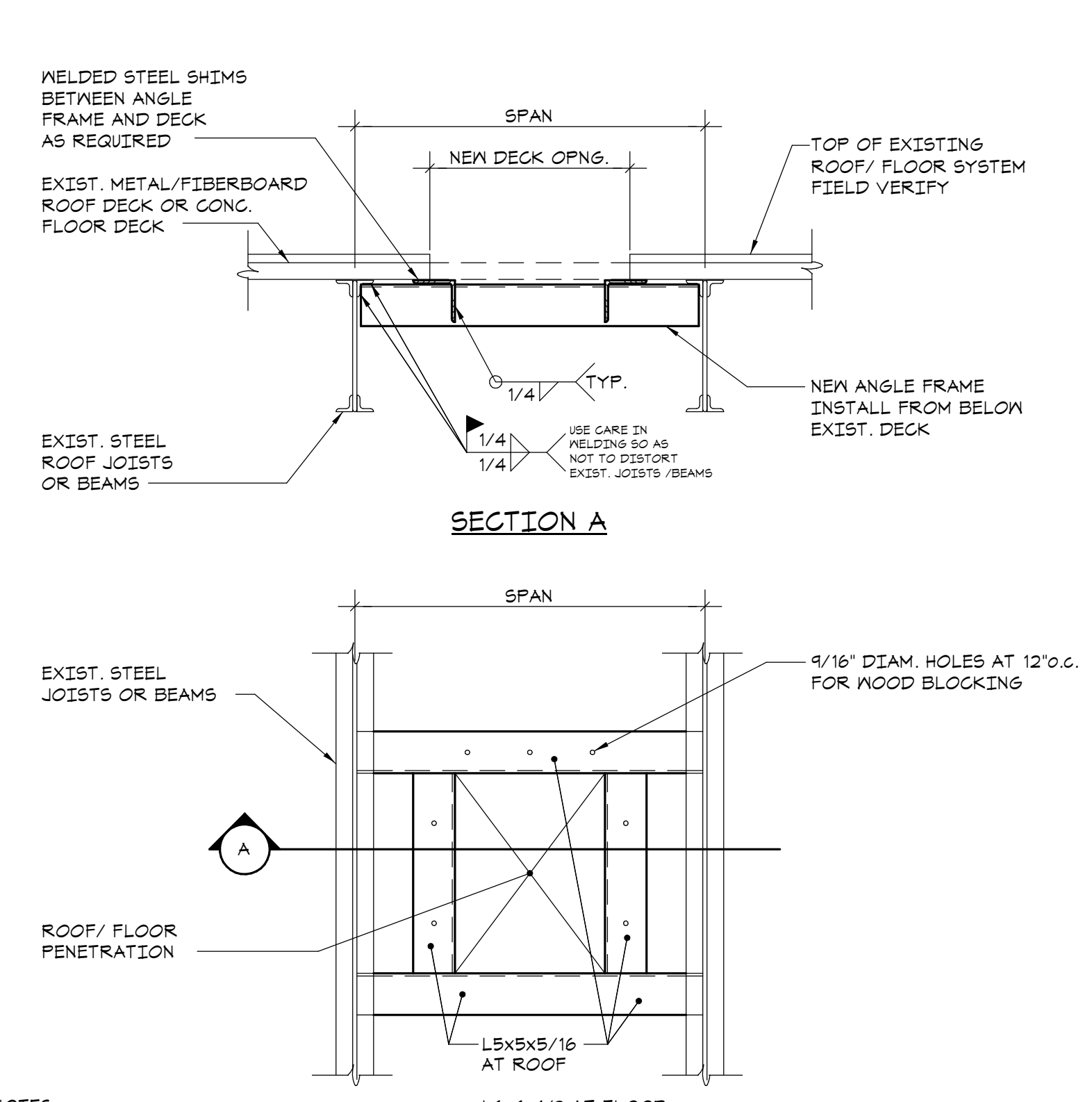
- A WEB STIFFENER MUST BE APPLIED TO ANY JOIST BETWEEN THE CHORD WHERE THE CONCENTRATED LOAD IS APPLIED AND THE PANEL POINT OF THE OPPOSITE CHORD WHEN A CONCENTRATED LOAD IS PLACED ON THE JOIST 6' OR MORE AWAY FROM A PANEL POINT.
- WHEN PIPES/CONDUITS ARE LESS THAN 4" DIAM, JOISTS DO NOT REQUIRE REINFORCING.

3 TYPICAL JOIST REINFORCING DETAIL
NO SCALE



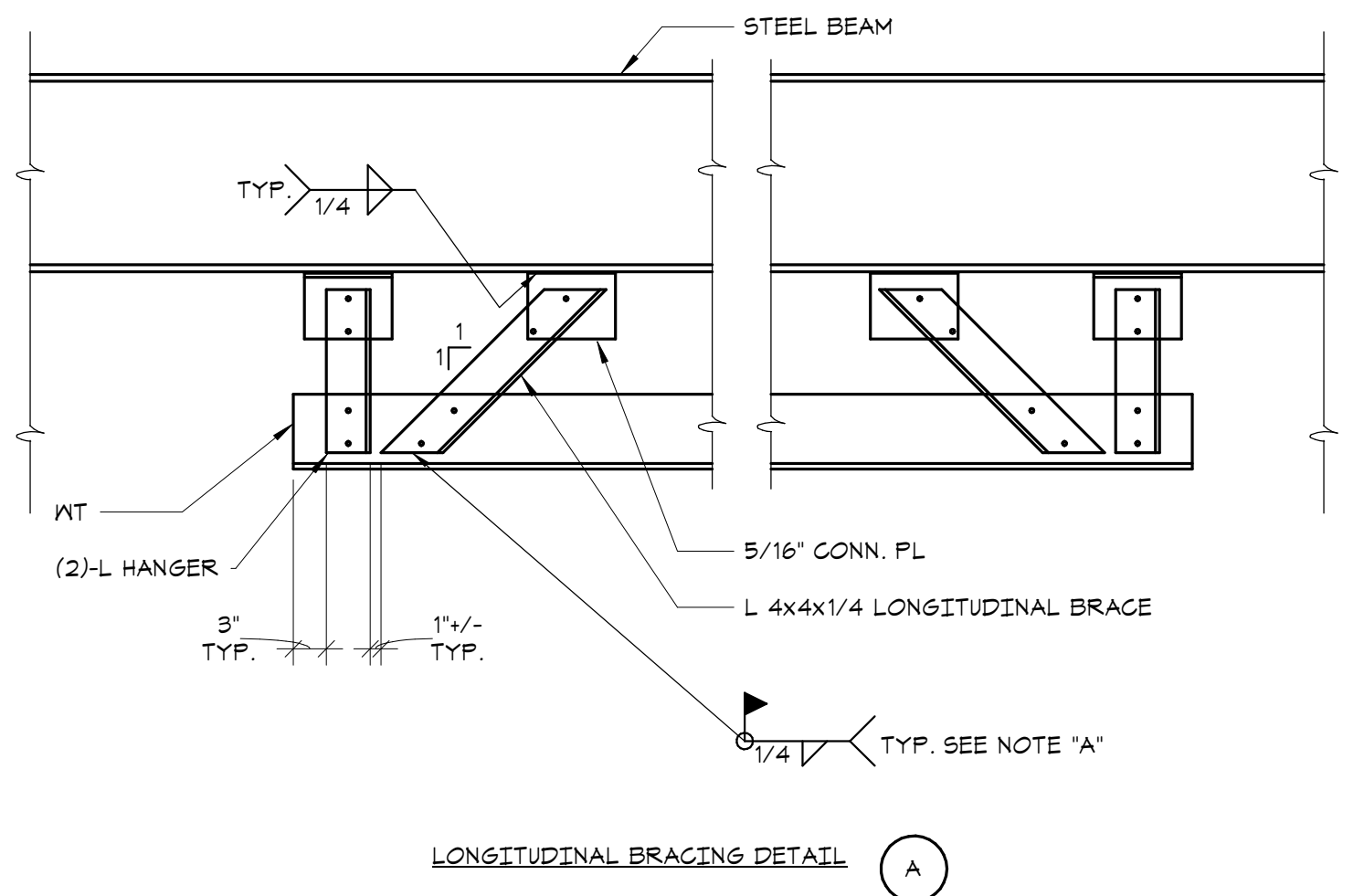
- NOTE 'A': EXISTING ROOF DECK: 3" INSULATED PLANK. FIELD VERIFY.
- NOTE 'B': SEE MECHANICAL DRAWINGS FOR CONNECTION OF CURB TO SUPPORTING STRUCTURE.
- NOTE 'C': PROVIDE WELDED STEEL SHIMS AS REQUIRED BETWEEN HORIZONTAL CHANNEL AND EXISTING ROOF DECK.
- NOTE 'D': 1/2" O X LENGTH AS REQ'D GALV. THREADED ANCHOR BOLTS AT 1'-0" O.C. DRILL THRU EXIST. ROOF DECK.

2 TYPICAL ROOF TOP UNIT CURB ON EXISTING STEEL FRAMING DETAIL
NO SCALE



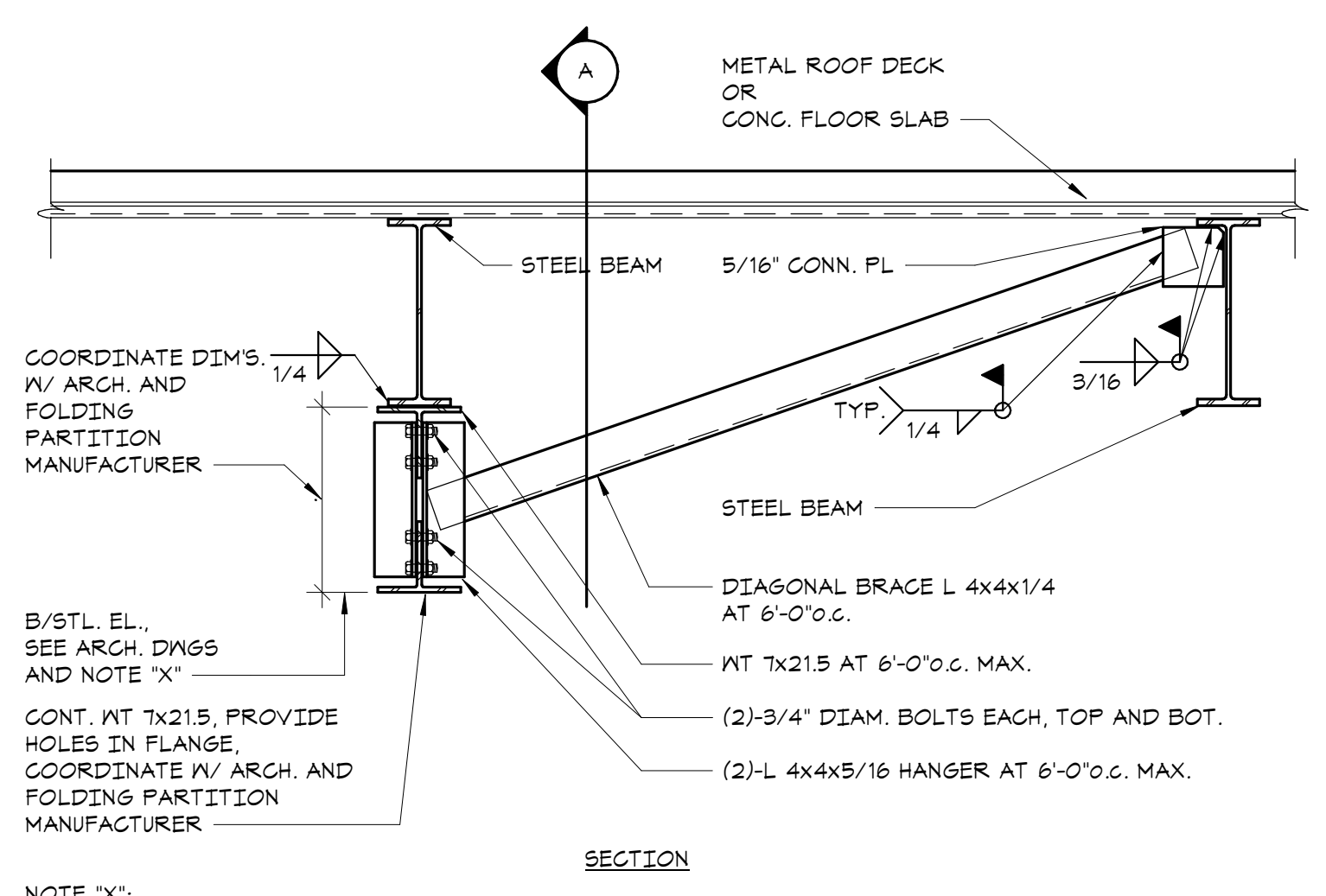
- NOTES:
- SEE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR SIZE AND LOCATION OF ALL ROOF/FLOOR PENETRATIONS.
 - WHEREVER POSSIBLE LOCATE SUPPORT POINTS OF FRAMES OVER TOP CHORD PANEL POINTS. SEE JOIST REINFORCING DETAIL FOR ADDITIONAL WEB MEMBERS.

1 TYPICAL ROOF/FLOOR DECK PENETRATION DETAIL FOR EXISTING STEEL ROOF/FLOOR FRAMING
NO SCALE



- NOTE:
- PROVIDE LONGITUDINAL BRACE AT EACH END OF WT SUPPORT.
 - DIAGONAL BRACE NOT SHOWN FOR CLARITY.
- NOTE 'A': IN LIEU OF WELDING, (2)-3/4" DIAM. A325 BOLTS MAY BE USED AT CONNECTIONS.

4 FOLDING PARTITION SUPPORT DETAIL
NO SCALE

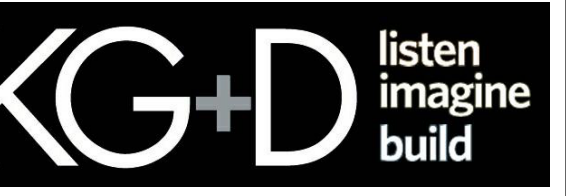


- NOTE 'X': WHERE BOTTOM OF STEEL ELEVATION REQUIRED FOR SUPPORT OF THE FOLDING PARTITION AS INDICATED ON THE ARCH. DRAWINGS, IS SUCH THAT IT IS AT THE BOTTOM OF THE STEEL BEAM, THEN OMIT THE X-MEMBERS AND DOUBLE ANGLE HANGERS AND PROVIDE HOLES IN THE MEMBERS AND DOUBLE ANGLE HANGERS AND PROVIDE HOLES IN THE BOTTOM FLANGE OF THE STEEL BEAM. CONNECT BRACE TO TOP OF BOTTOM FLANGE OF STEEL BEAM WITH PLATES AND WELD SAME AS INDICATED AT ADJACENT BEAM.
- FOR LONGITUDINAL BRACING REQUIREMENTS, SEE DETAIL 'A'.

4 FOLDING PARTITION SUPPORT DETAIL
NO SCALE

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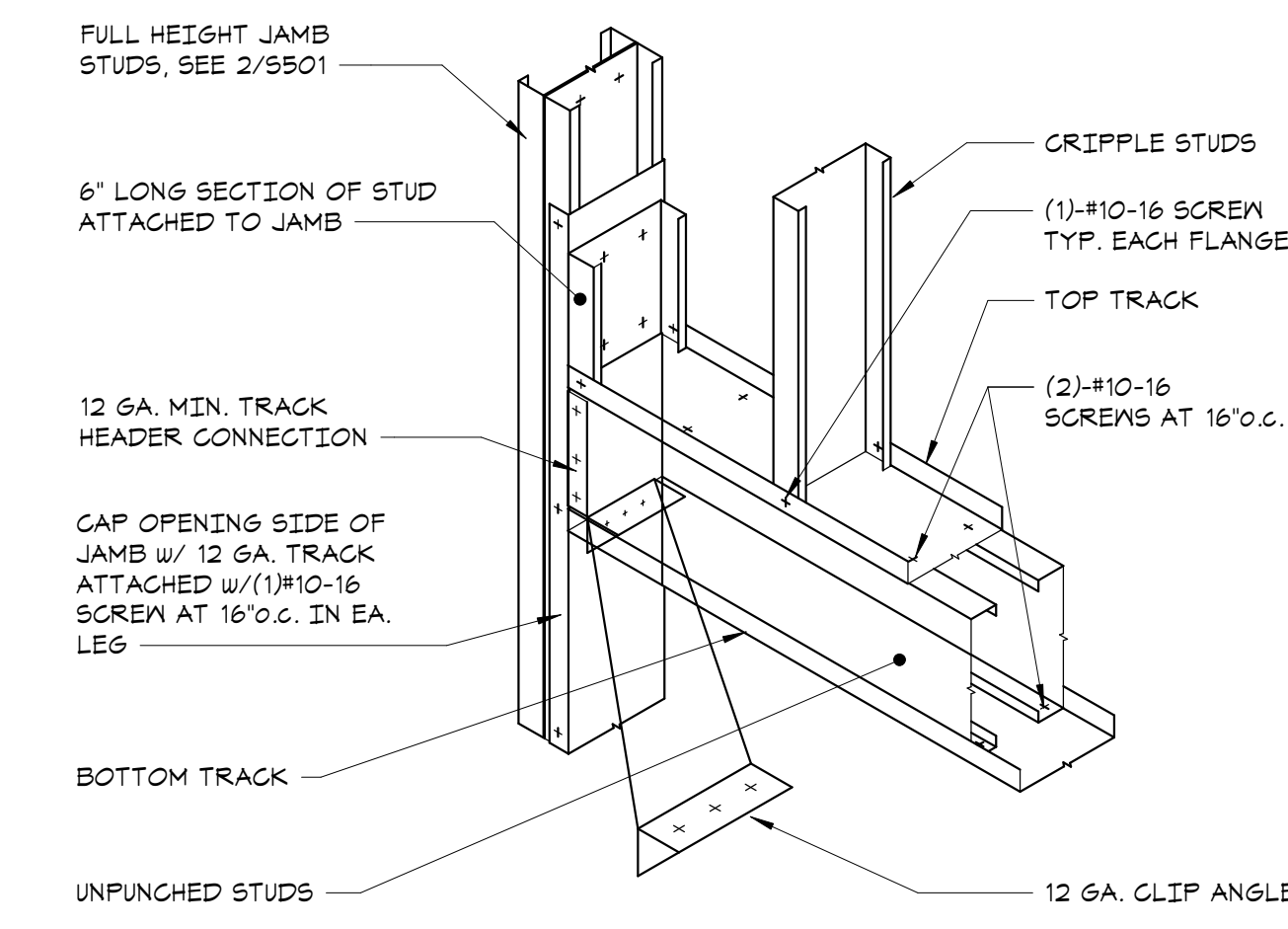
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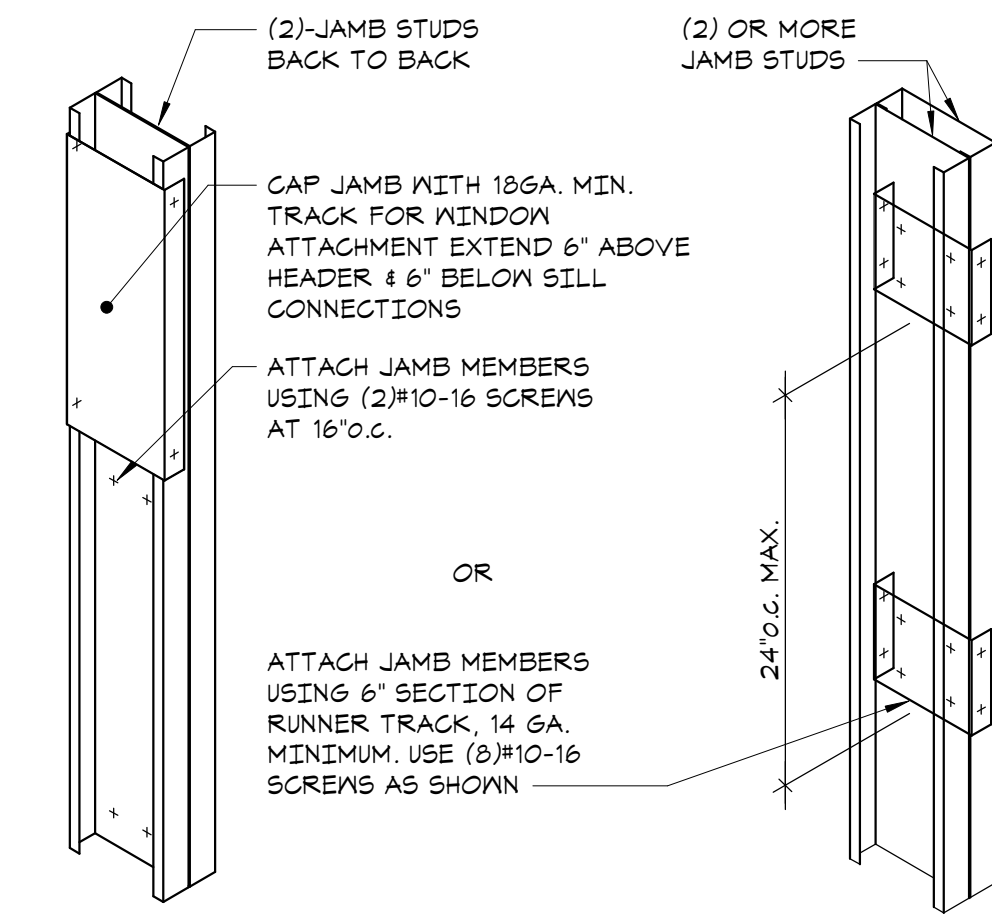
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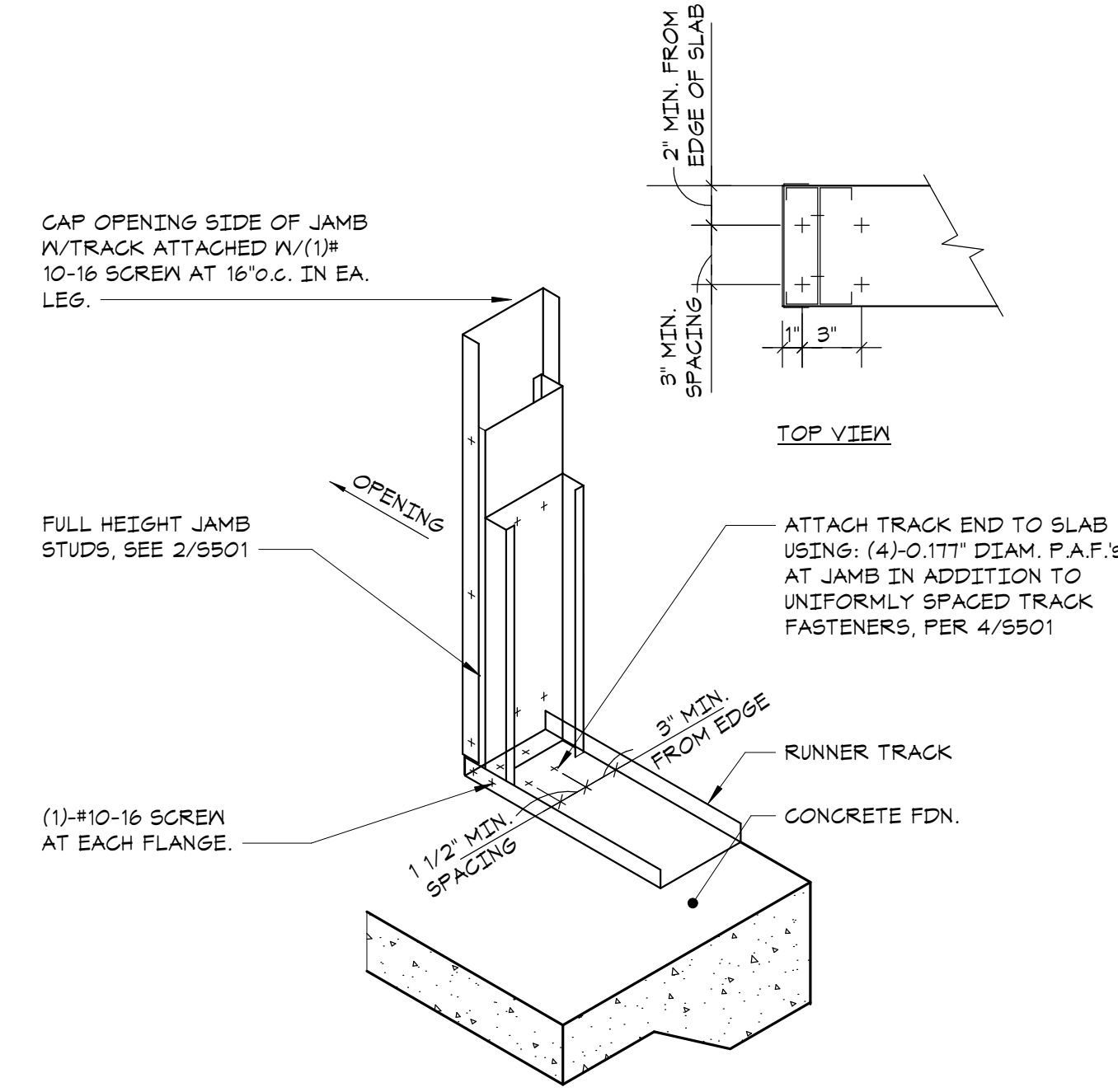
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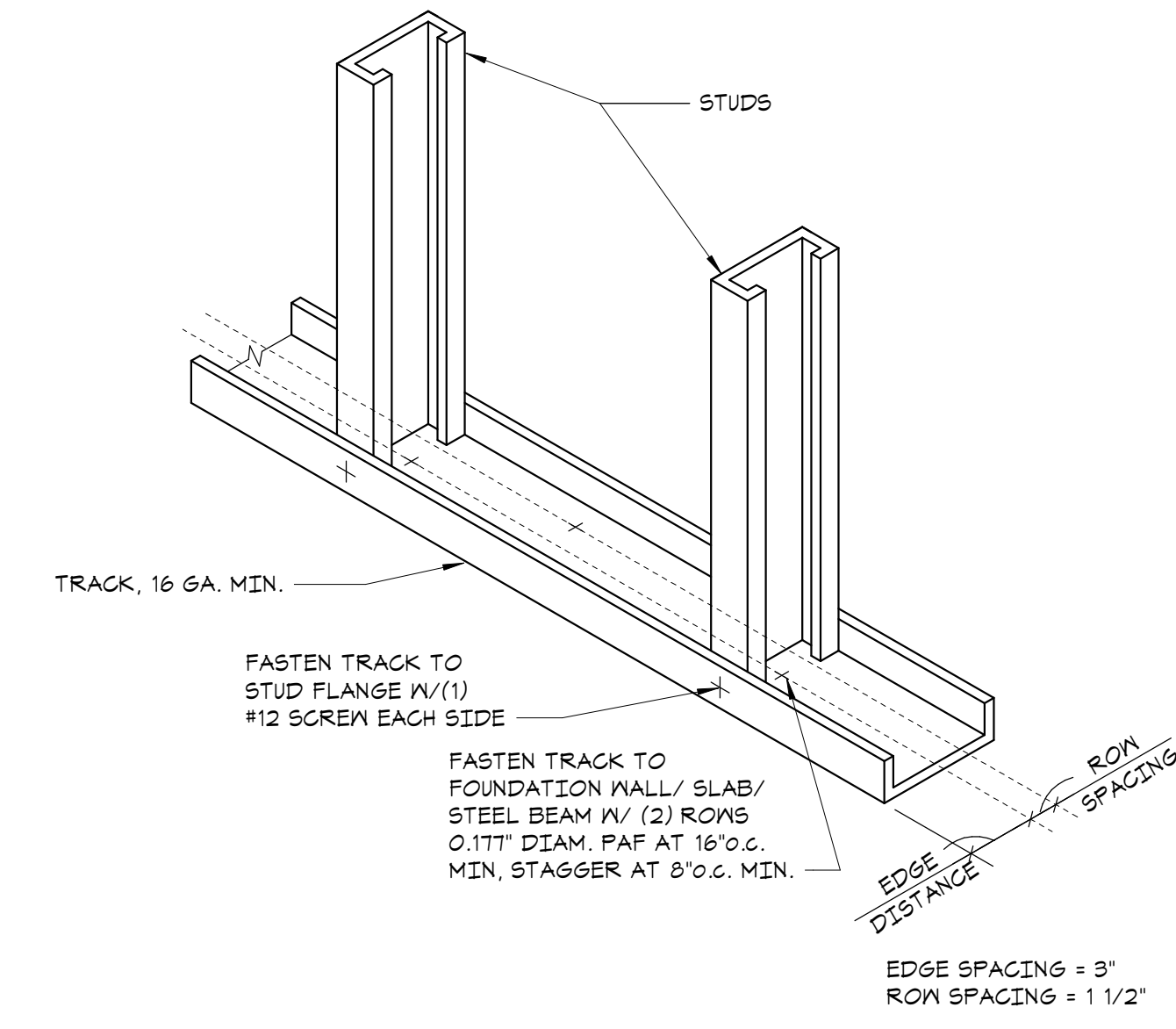
1 TYPICAL BOXED HEADER DETAIL
NO SCALE



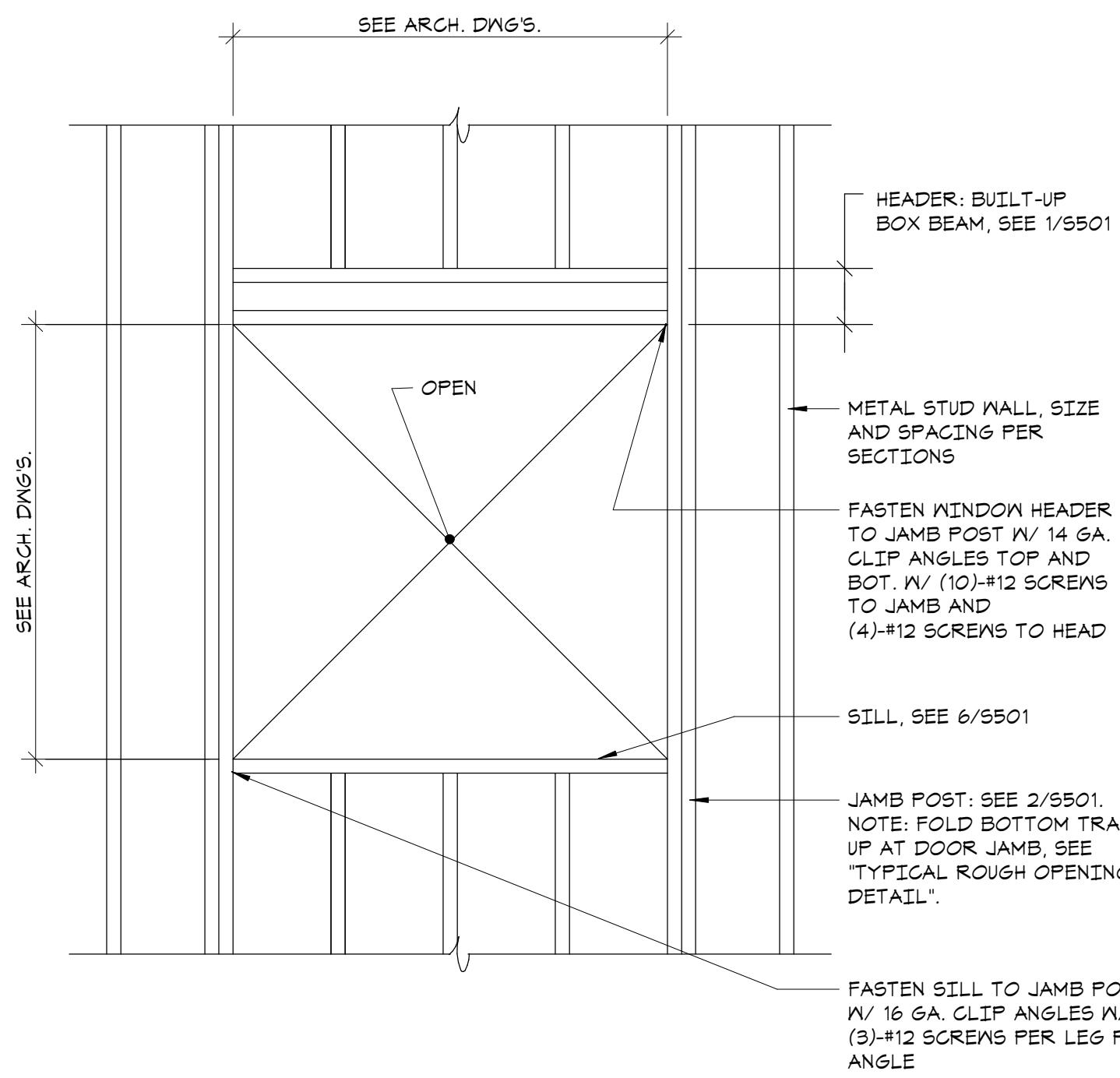
2 TYPICAL BUILT-UP JAMB DETAIL
NO SCALE



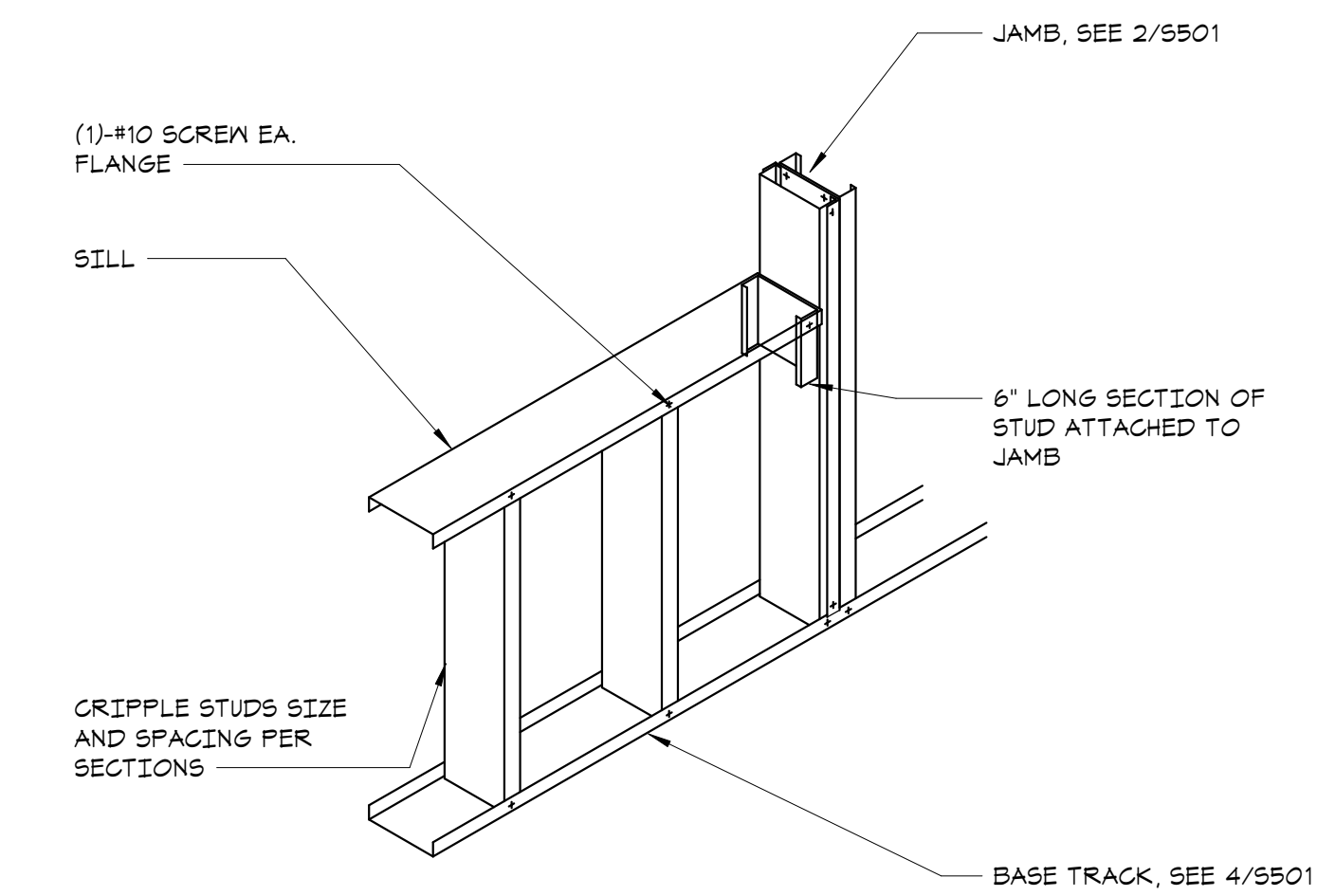
3 TYPICAL JAMB ANCHORAGE DETAIL
NO SCALE



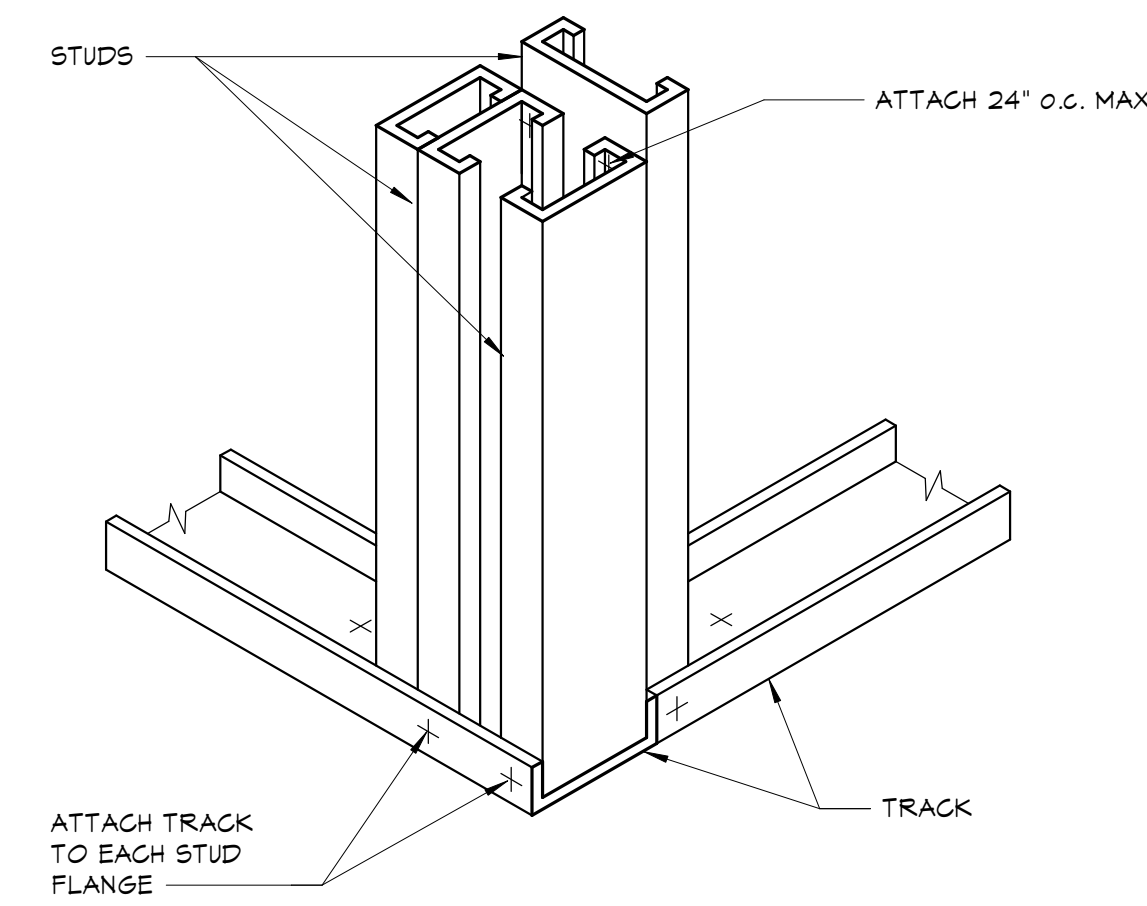
4 TYPICAL COLD FORMED STUD WALL DETAIL
NO SCALE



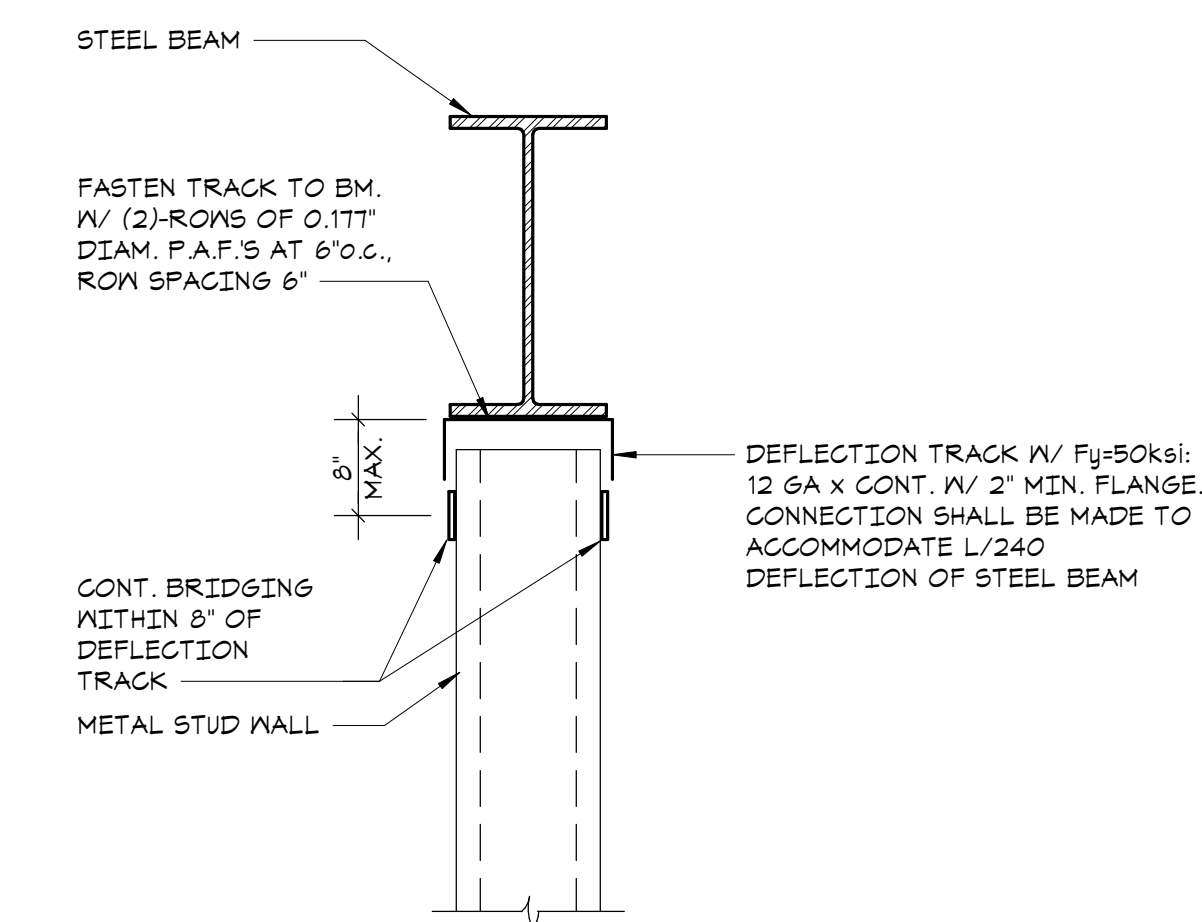
5 TYPICAL STUD WALL OPENING
NO SCALE



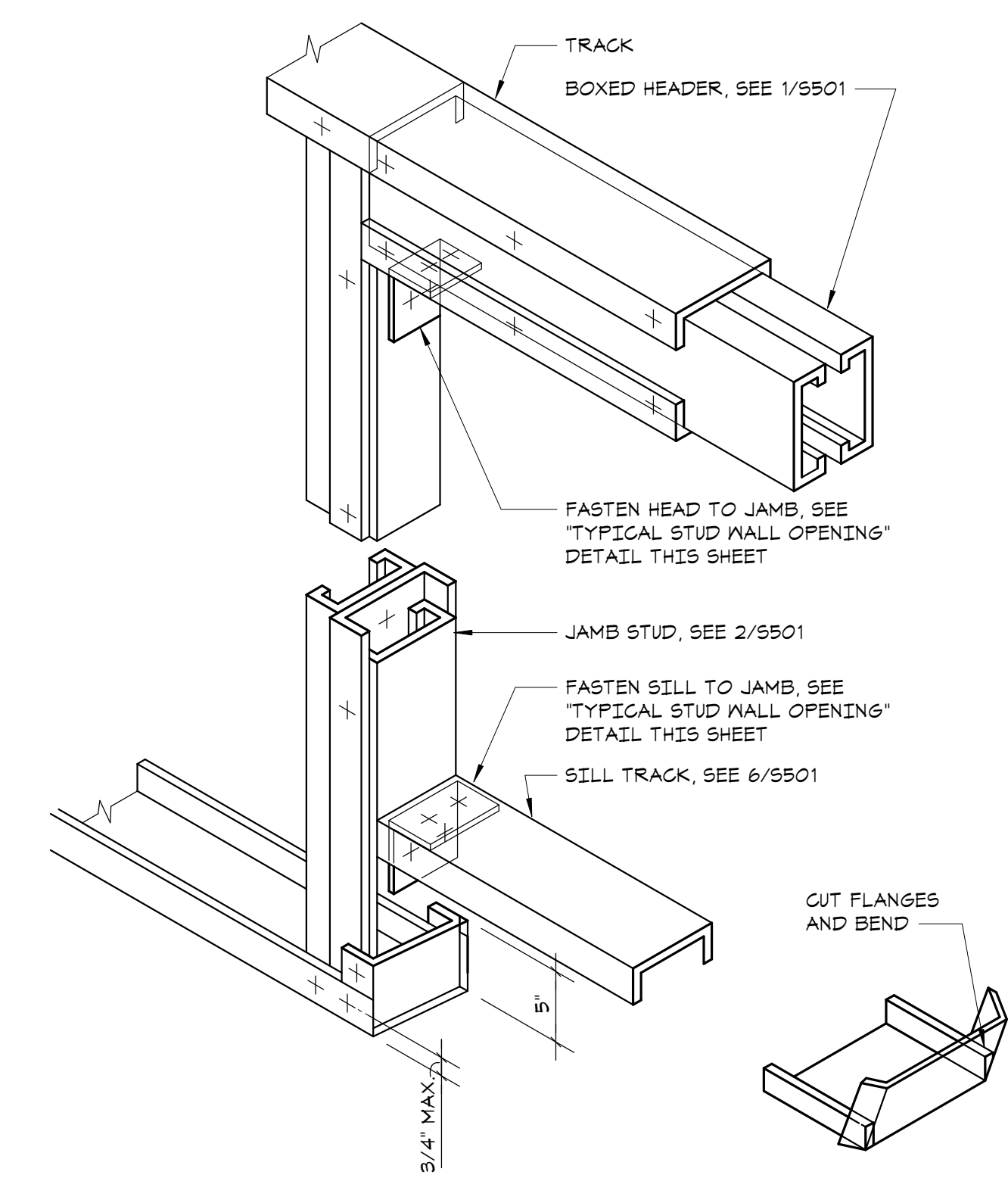
6 TYPICAL SILL DETAIL
NO SCALE



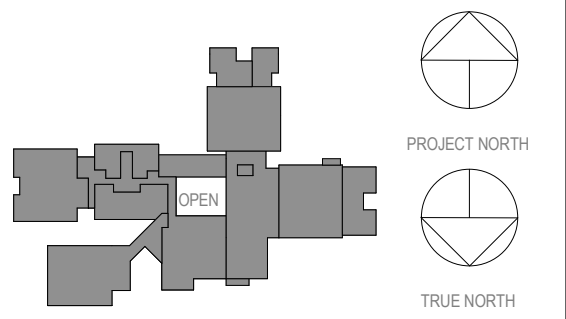
7 TYPICAL STUD WALL CORNER DETAIL
NO SCALE



8 TYPICAL DEFLECTION TRACK DETAIL
NO SCALE



9 TYPICAL ROUGH OPENING DETAIL
NO SCALE



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**COLD FORMED
FRAMING
TYPICAL DETAILS**

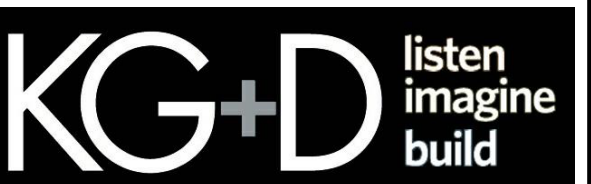
Job No.	22243.00	Date	06/27/2023
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Sheet Number

S501

MEADOW POND ES ADDITIONS + ALTERATIONS

KATONAH-LEWISBORO
UFSD
185 SMITH RIDGE ROAD,
SOUTH SALEM, NY 10590

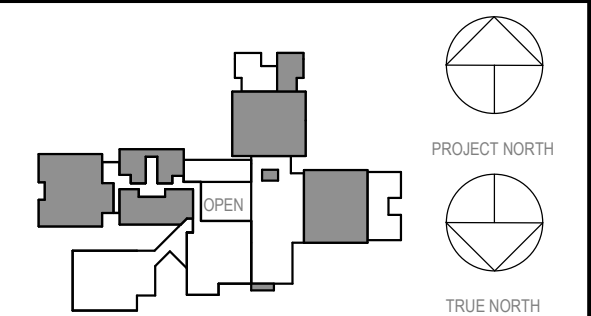


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No.	Date	Issue

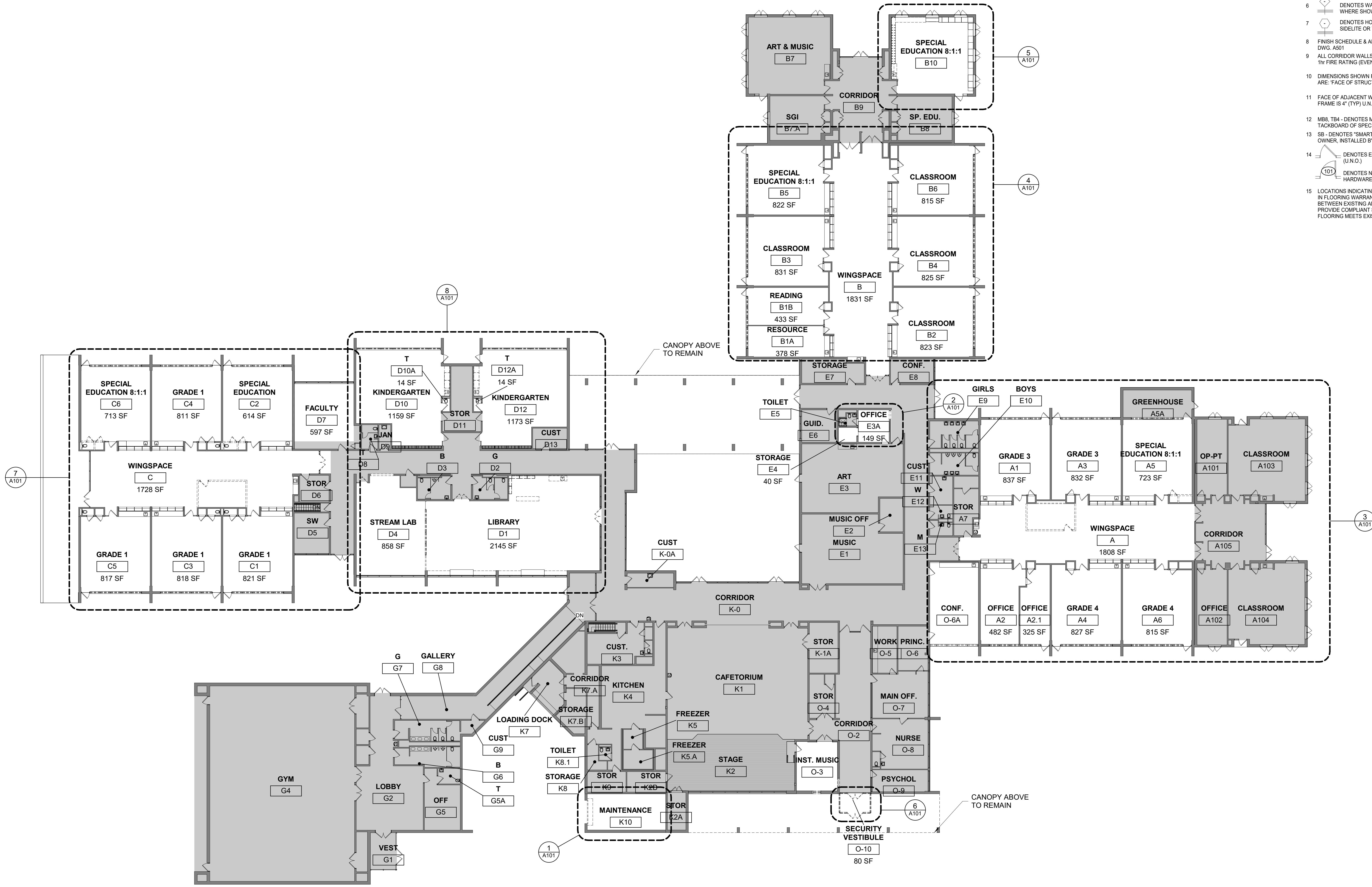
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OVERALL PLANS

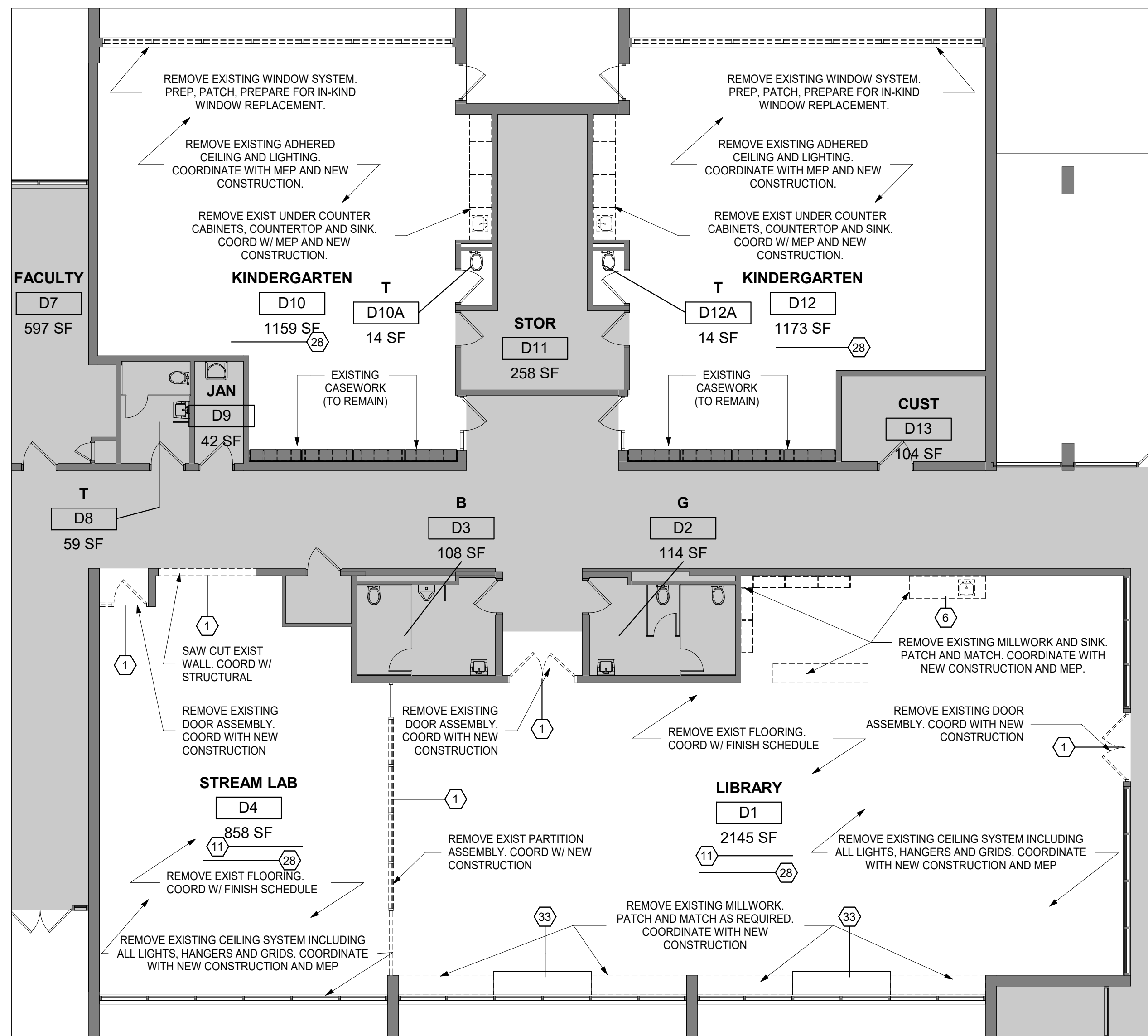
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Scale	AS NOTED	Drawn / Checked	RTM / RAD
Sheet Number	A100		

GENERAL NOTES

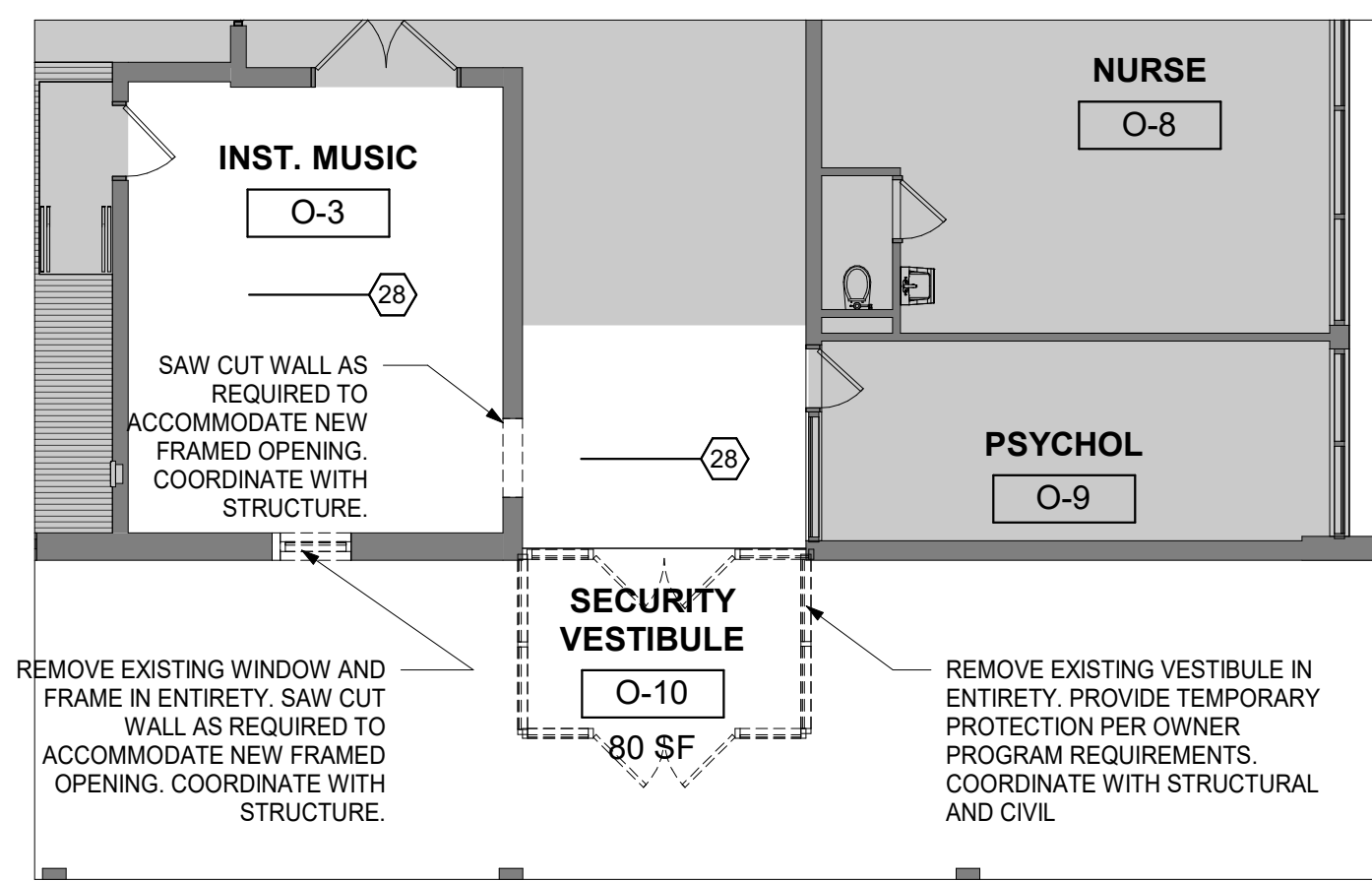
- 1 DENOTES AREA OF NO MAJOR ARCHITECTURAL RENOVATION WORK. SPECIFIC WORK MAY BE SHOWN ELSEWHERE. REFER TO M.E.P. DWGS.
- 2 (101) DENOTES DOOR NUMBER SEE A902 FOR DOOR SCHEDULE. SEE SPECS. FOR HARDWARE SETS & INFO.
- 3 RW DENOTES RESCUE WINDOW SEE A903
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- 12 MB, TB4 - DENOTES MARKERBOARD OR TACKBOARD OF SPECIFIED LENGTH (FT)
- 13 SB - DENOTES "SMART BOARD" FURNISHED BY OWNER, INSTALLED BY G.C.
- 14 DENOTES EXISTING DOOR TO REMAIN (U.N.O.)
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- 16 LOCATIONS INDICATING/ SHOWING A CHANGE IN FLOORING WARRANTS A TRANSITION STRIP BETWEEN EXISTING AND NEW MATERIALS. PROVIDE COMPLIANT SILL WHERE NEW FLOORING MEETS EXISTING. SEE A902/4B TYP.



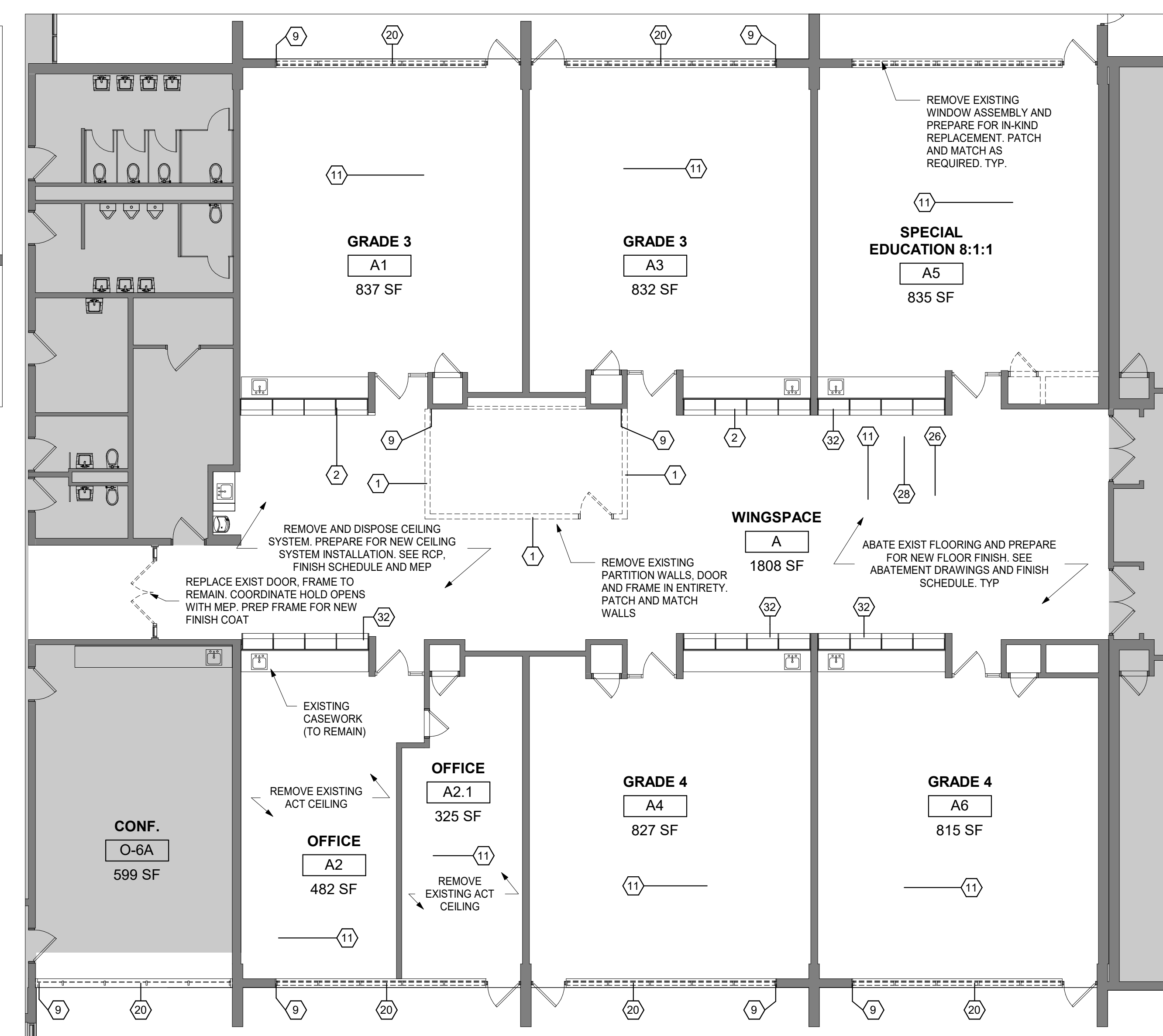
1 DEMO - FIRST FLOOR
1/16" = 1'-0"



8 DEMO - PARTIAL FIRST FLOOR - LIBRARY +
STREAM LAB + KINDERGARTENS
1/8" = 1'-0"

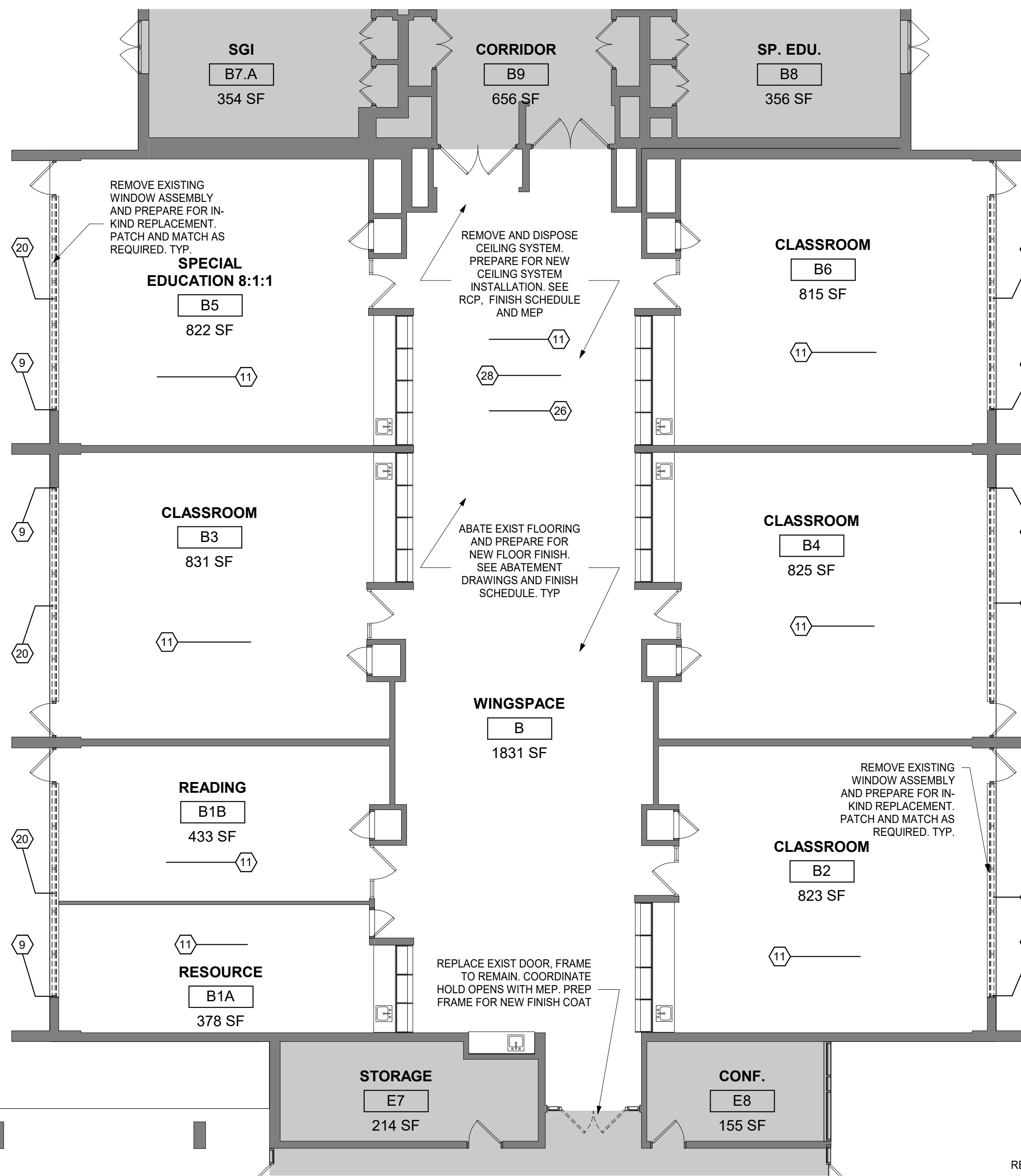


6 DEMO - PARTIAL FIRST FLOOR - SECURITY
VESTIBULE
1/8" = 1'-0"



3 DEMO - PARTIAL FIRST FLOOR - WING SPACE A
1/8" = 1'-0"

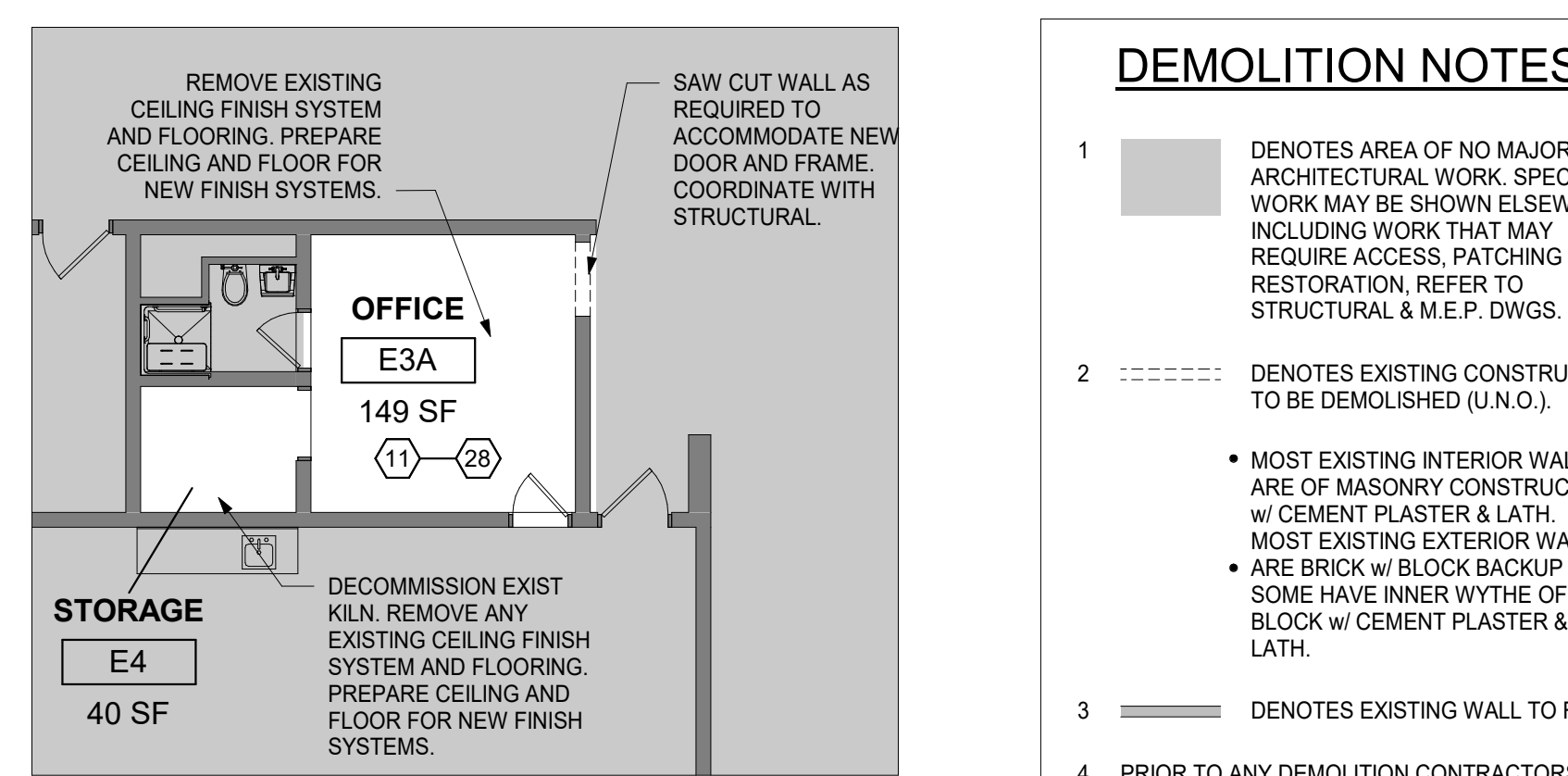
5 DEMO - PARTIAL FIRST FLOOR - B10 CLASSROOM
1/8" = 1'-0"



4 DEMO - PARTIAL FIRST FLOOR - WING SPACE B +
SPECIAL EDUCATION ROOM
1/8" = 1'-0"

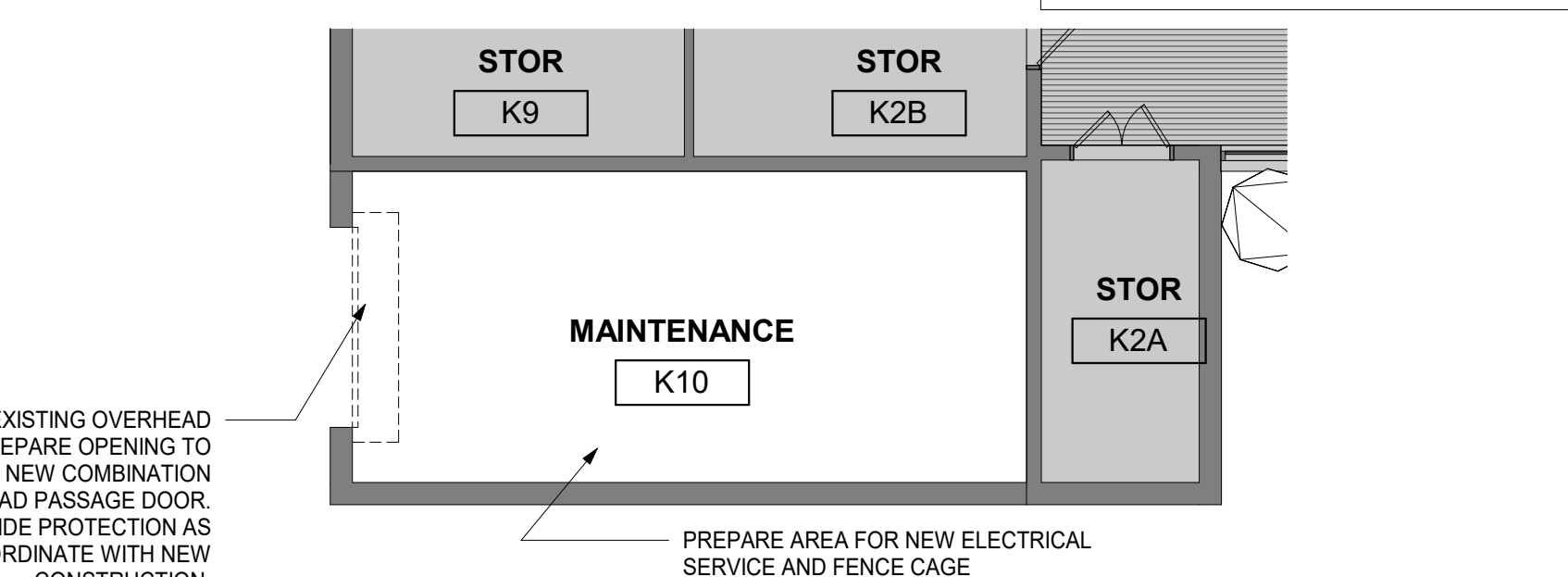
DEMOLITION KEYNOTES

- REMOVE EXISTING PARTITIONS, DOORS, FRAMES AND HARDWARE TO THE EXTENT SHOWN - PROTECT INTERIOR FINISHES DURING CONSTRUCTION - COORD. INFILL W/ NEW CONSTRUCTION
- PROVIDE TEMPORARY PROTECTION TO ALL ADJACENT SPACES DURING DEMOLITION, AS REQUIRED.
- REMOVE EXISTING BUILT-IN CASEWORK AND SINK - COORDINATE WITH MEP & NEW CONSTRUCTION
- PREP. PATCH & MATCH EXIST. SURFACES TO MATCH ADJACENT AT LOCATIONS WHERE EXIST PARTITIONS / WALLS HAVE BEEN REMOVAL, DEMOLISHED - TYP.
- REMOVE & DISPOSE EXIST FLOOR FINISH - PREP FLOOR FOR NEW FLOOR FINISH - COORD WITH NEW CONSTRUCTION
- REMOVE & DISPOSE EXIST WINDOW PARTITION SYSTEM, INCLUSIVE OF ANY WINDOWS, FRAMES, ALL ASSOCIATED HARDWARE WITH THE EXCEPTION OF WINDOW TREATMENTS & RELATED HARDWARE. EXIST WINDOW TREATMENTS AND HARDWARE ARE TO BE STORED AND KEPT SAFE FOR REINSTALLATION - PREP EXPOSED SURFACES FOR REPRIMING & REPAINTING DURING NEW CONSTRUCTION - PROTECT INTERIOR & EXTERIOR FINISHES DURING CONSTRUCTION - COORD. INFILL W/ NEW CONSTRUCTION
- ABATE EXIST VAT FLOORING SYSTEM TO EXTENTS SHOWN
- REMOVE & DISPOSE ENTIRE CEILING SYSTEM & LIGHT FIXTURES INCLUSIVE OF ALL RELATED HANGERS, PERIMETER TRIM, ETC. PREP FOR INSTALLATION NEW CEILING & LIGHTING SYSTEM - SEE MEP DRAWINGS FOR FURTHER INFO
- EXISTING FURNITURE TO REMAIN, PROTECT, STORE AND KEEP SAFE AS REQUIRED. REPLACE AT COMPLETION OF WORK. COORDINATE WITH OWNER, TYP.
- EXISTING MEP UNITS TO REMAIN, COORDINATE WITH MEP DWGS

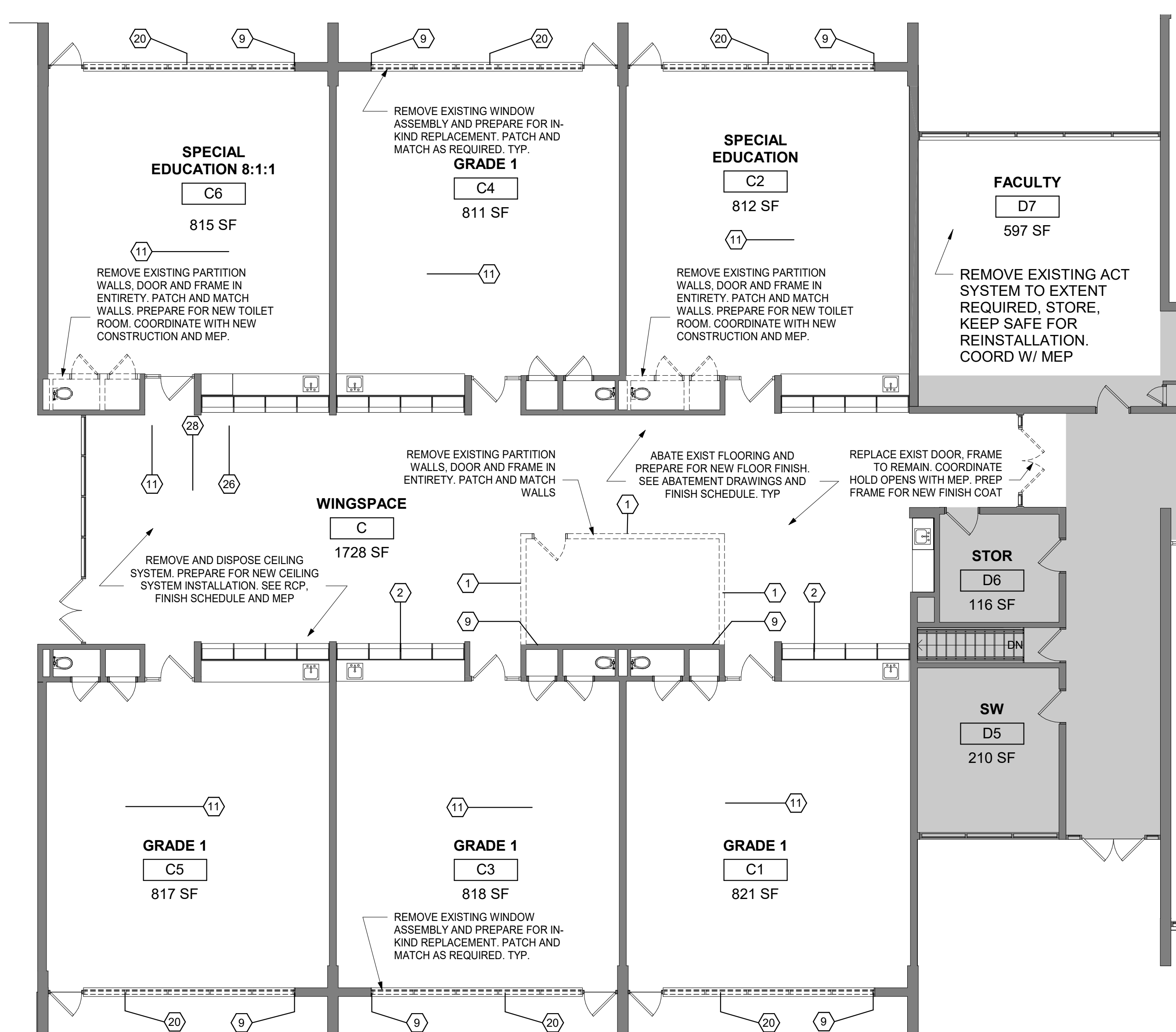


2 DEMO - PARTIAL FIRST FLOOR - ARTROOM
OFFICE
1/8" = 1'-0"

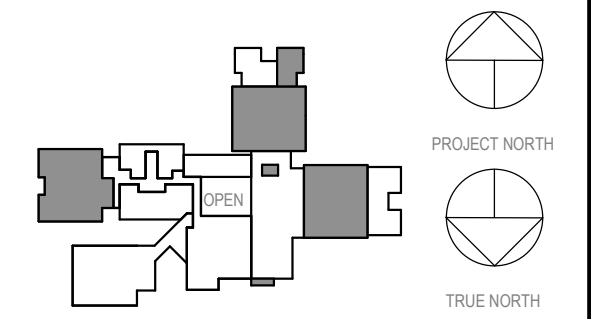
- DEMOLITION NOTES**
- DENOTES AREA OF NO MAJOR ARCHITECTURAL WORK. SPECIFIC WORK MAY BE SHOWN ELSEWHERE INCLUDING WORK THAT MAY REQUIRE ACCESS, PATCHING & RESTORATION, REFER TO STRUCTURAL & M.E.P. DWGS.
 - DENOTES EXISTING CONSTRUCTION TO BE DEMOLISHED (J.N.O.).
 - DENOTES EXISTING WALL TO REMAIN
 - PRIOR TO ANY DEMOLITION CONTRACTORS ARE REQUIRED TO BE FAMILIAR WITH EXISTING CONDITIONS. SHORING MAY BE NEEDED INCLUDING INSTALLATION OF LINTELS PRIOR TO THE REMOVAL OF ANY BUILDING ELEMENT.
 - COORDINATE ALL DEMOLITION W/ M.E.P. REMOVALS. NOTE: ALL WIRING, DEVICES & M.E.P. SYSTEMS NOT BEING REMOVED AS PART OF THE WORK, WHICH RUN THROUGH THE WORK AREA, SHALL BE TESTED, LABELED & PROTECTED FROM DISTURBANCE SO THEY REMAIN OPERATIONAL THROUGHOUT THE PROJECT.



1 DEMO - PARTIAL FIRST FLOOR - MAINTENANCE
1/8" = 1'-0"



7 DEMO - PARTIAL FIRST FLOOR - WING SPACE C
1/8" = 1'-0"



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**GROUND FLOOR
PARTIAL DEMOS -
WING SPACES**

Job No.	2023-1017	Date	03/12/2023
Scale	AS NOTED	Drawn / Checked	RTM / RAD
Sheet Number	A101		

**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

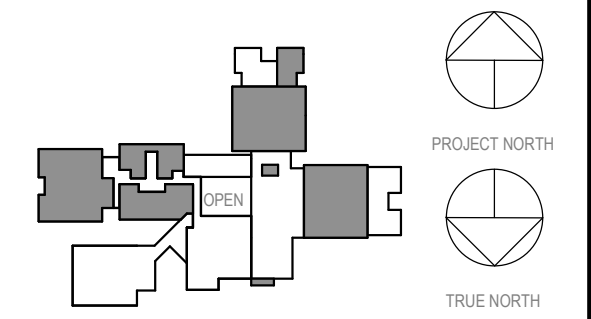
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185 SMITH RIDGE ROAD,
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1	09.01.2023	NYSVED SUBMISSION
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OVERALL PLANS

Job No.	2023-1017	Date	03/12/2023
Scale	AS NOTED	Drawn / Checked	RTM / RAD
Sheet Number	A200		

GENERAL NOTES ON SCOPE - SEE SPEC BID FORM AND DRAWINGS

BASE BID

- A. SECURITY VESTIBULE: FULL SCOPE OF THE NEW SECURITY VESTIBULE, ITS CONSTRUCTION UNDER THE EXISTING CANOPY TO REMAIN AND THE ASSOCIATED WORK IN INSTRUMENTAL MUSIC O-3 AND THE MAIN ENTRANCE CORRIDOR O-2. SCOPE EXTENDS TO ALL SITE PREP, FOUNDATION WORK, SUPERSTRUCTURE, ENCLOSURE, FINISHES, AND MEP SYSTEMS.
- B. CLASSROOM RENOVATIONS: FULL SCOPE OF RENOVATION TO CLASSROOMS B10, A5, C2, C6 AND ART ROOM OFFICE (E3A). EXTENDS TO ALL NECESSARY REMOVALS, NEW PARTITIONS, MEP SCOPE, AND FINISH SYSTEMS. SCOPE ASSOCIATED WITH FACULTY D7 SHALL BE INCLUDED IN THIS PORTION OF THE WORK.
- C. ELECTRICAL SERVICE: WORK ASSOCIATED WITH INSTALLATION OF NEW ELECTRICAL EQUIPMENT INCLUDING ALL CONNECTIONS AND COORDINATION, INSTALLATION OF SAFETY CAGE, ENCLOSURE AND NEW ROLL UP GARAGE DOOR.
- D. HVAC OF WINGS A & B & C: WORK NECESSARY TO COMPLETE INSTALLATION OF NEW DUCT AND MECHANICAL WORK. NEW CEILING LIGHTING / FIRE ALARM ARE INCLUDED. THIS SCOPE INCLUDES THE HVAC WORK IN A2 AND A2.1 AND ASSOCIATED CEILING LIGHTING, AND FINISH WORK. UPGRADES TO WINGSPACE FINISHES, FLOORING, CEILING SYSTEMS, AND NEW SMALL GROUP INSTRUCTION SPACES (SGIS) ARE PART OF ALTERNATE 02.
- E. KINDERGARTEN ROOMS: UPGRADES TO KINDERGARTEN ADHERED CEILING AND LIGHTING AS INDICATED. INCLUDES CASEWORK, ASSOCIATED FIXTURE REPLACEMENT AND FINISHES.
- F. CLASSROOM FLOORING REPLACEMENT: SCOPE EXTENDS TO ALL REMOVALS, PREP AND INSTALLATION OF NEW FLOORING SYSTEMS AND FINISHES AS INDICATED IN CLASSROOM SPACES.

ALTERNATE 01

- A. LIBRARY AND STREAM LAB RENOVATION: FULL SCOPE OF RENOVATION OF THE LIBRARY AND STREAM LAB SPACES. SCOPE EXTENDS TO ALL REMOVALS, FINISHES, MEP SYSTEMS, POWER, AND DATA.

ALTERNATE 02

- A. REMAINING FINISHES OF WINGS A & B & C: ALL SCOPED FLOORING (ABATEMENT AND REPLACEMENT), AND FINISH WORK. INCLUDES RECONFIGURATION (REMOVAL OF EXISTING AND CONSTRUCTION, AS INDICATED) OF SGIS.

ALTERNATE 03

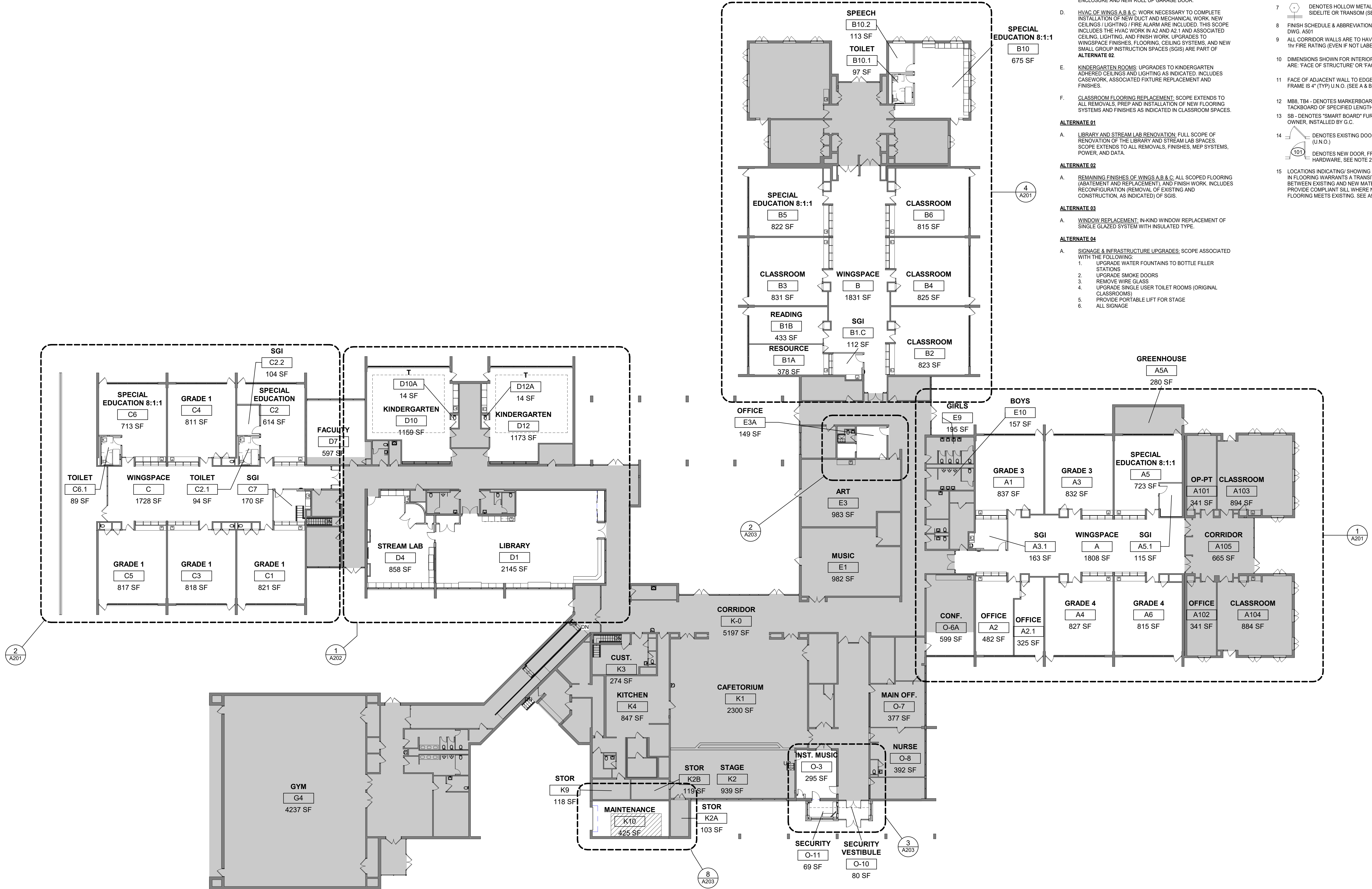
- A. WINDOW REPLACEMENT: IN-KIND WINDOW REPLACEMENT OF SINGLE GLAZED SYSTEM WITH INSULATED TYPE.

ALTERNATE 04

- A. SIGNAGE & INFRASTRUCTURE UPGRADES: SCOPE ASSOCIATED WITH THE FOLLOWING:
 1. UPGRADE WATER FOUNTAINS TO BOTTLE FILLER STATIONS
 2. UPGRADE SMOKE DOORS
 3. REMOVE WIRE GLASS
 4. UPGRADE SINGLE USER TOILET ROOMS (ORIGINAL CLASSROOMS)
 5. PROVIDE PORTABLE LIFT FOR STAGE
 6. ALL SIGNAGE

GENERAL NOTES

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1 1ST FLOOR - OVERALL
1/16" = 1'-0"

**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

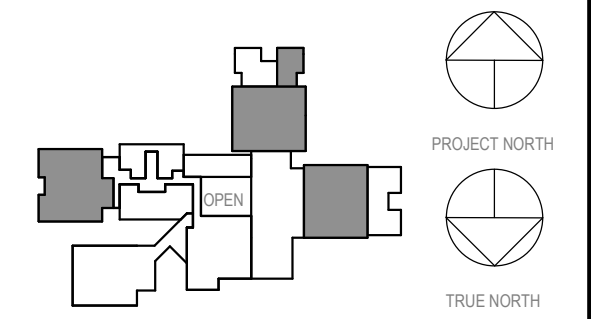
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**PARTIAL FIRST
FLOOR - WING
SPACES**

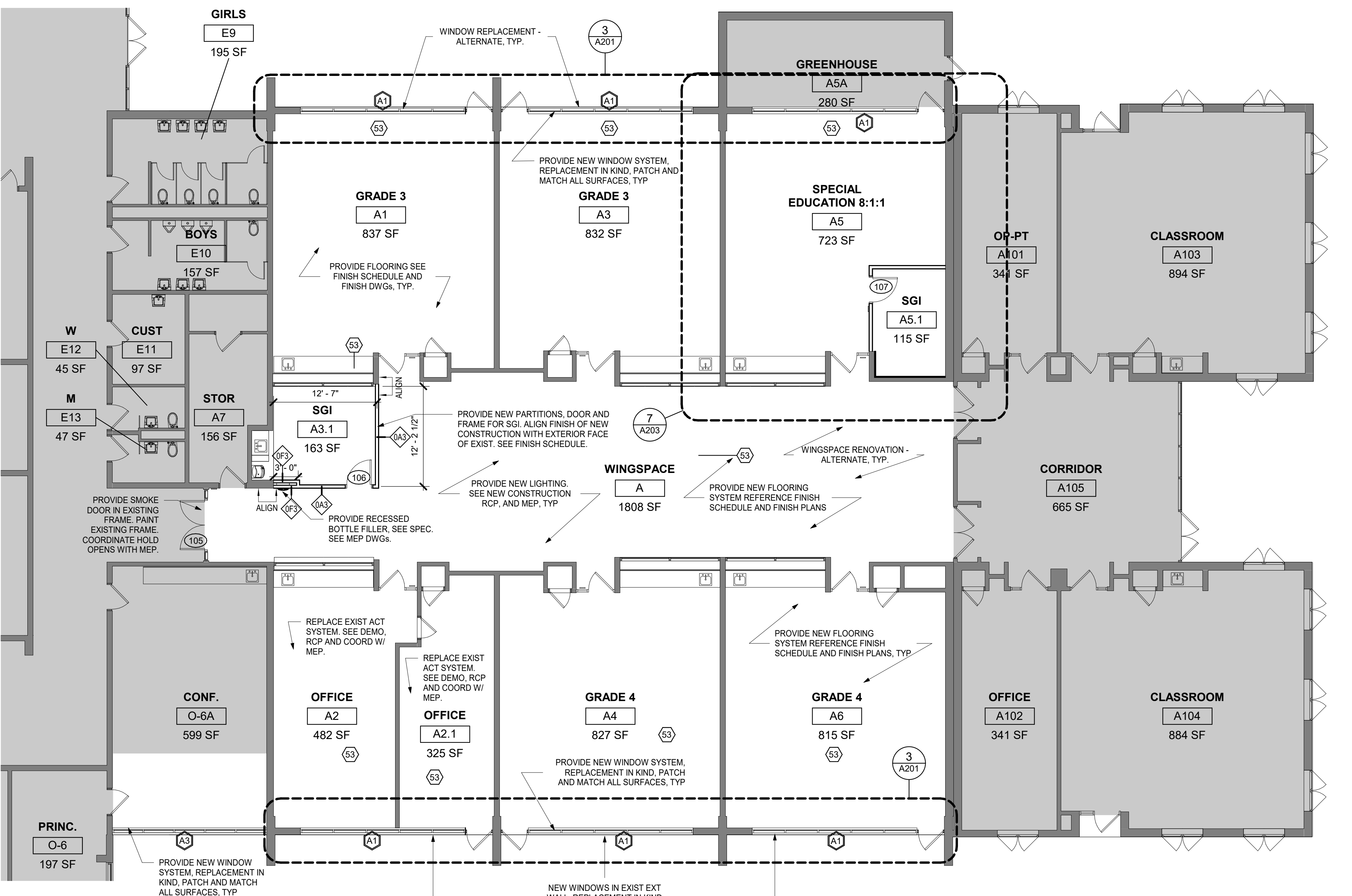
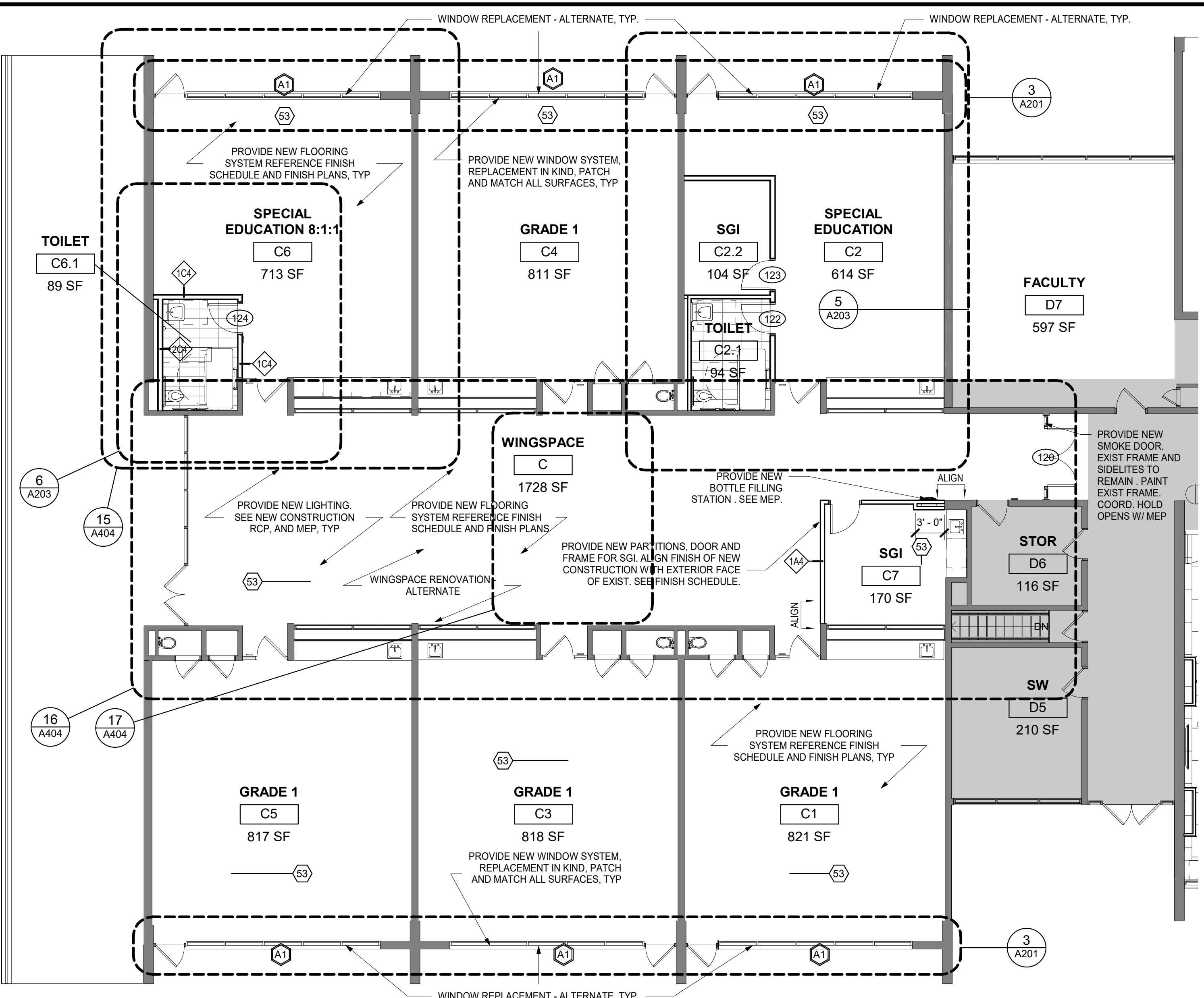
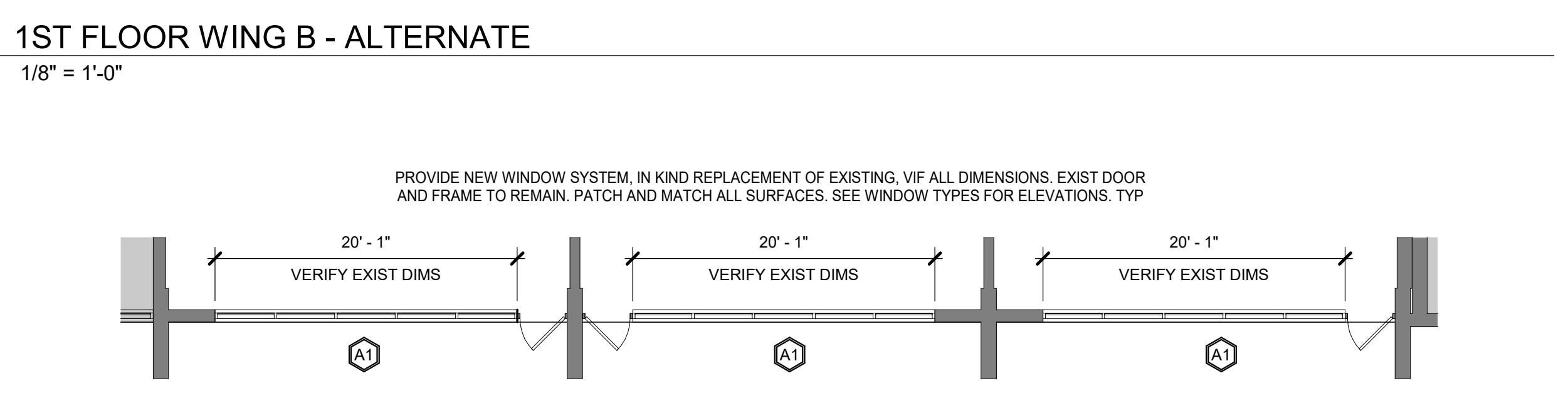
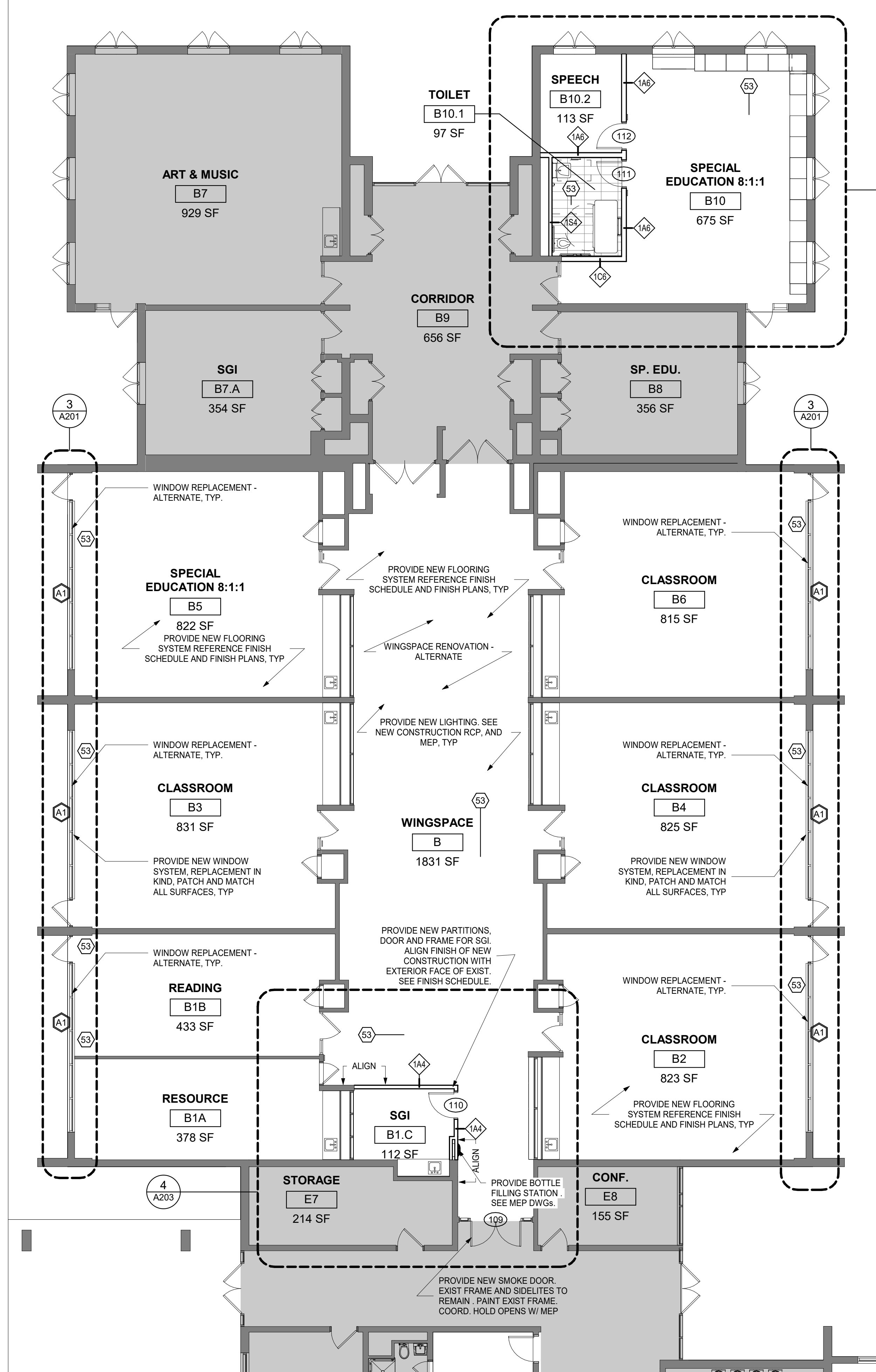
Job No. 2023-1017 Date 03/12/2023
Scale AS NOTED Drawn / Checked RTM / RAD
Sheet Number

A201

CONSTRUCTION KEYNOTES
PROVIDE NEW FLOORING SYSTEM. SEE FINISH PLANS AND FINISH SCHEDULE.

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1 1st Floor Wing A - ALTERNATE
1/8" = 1'-0"

**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

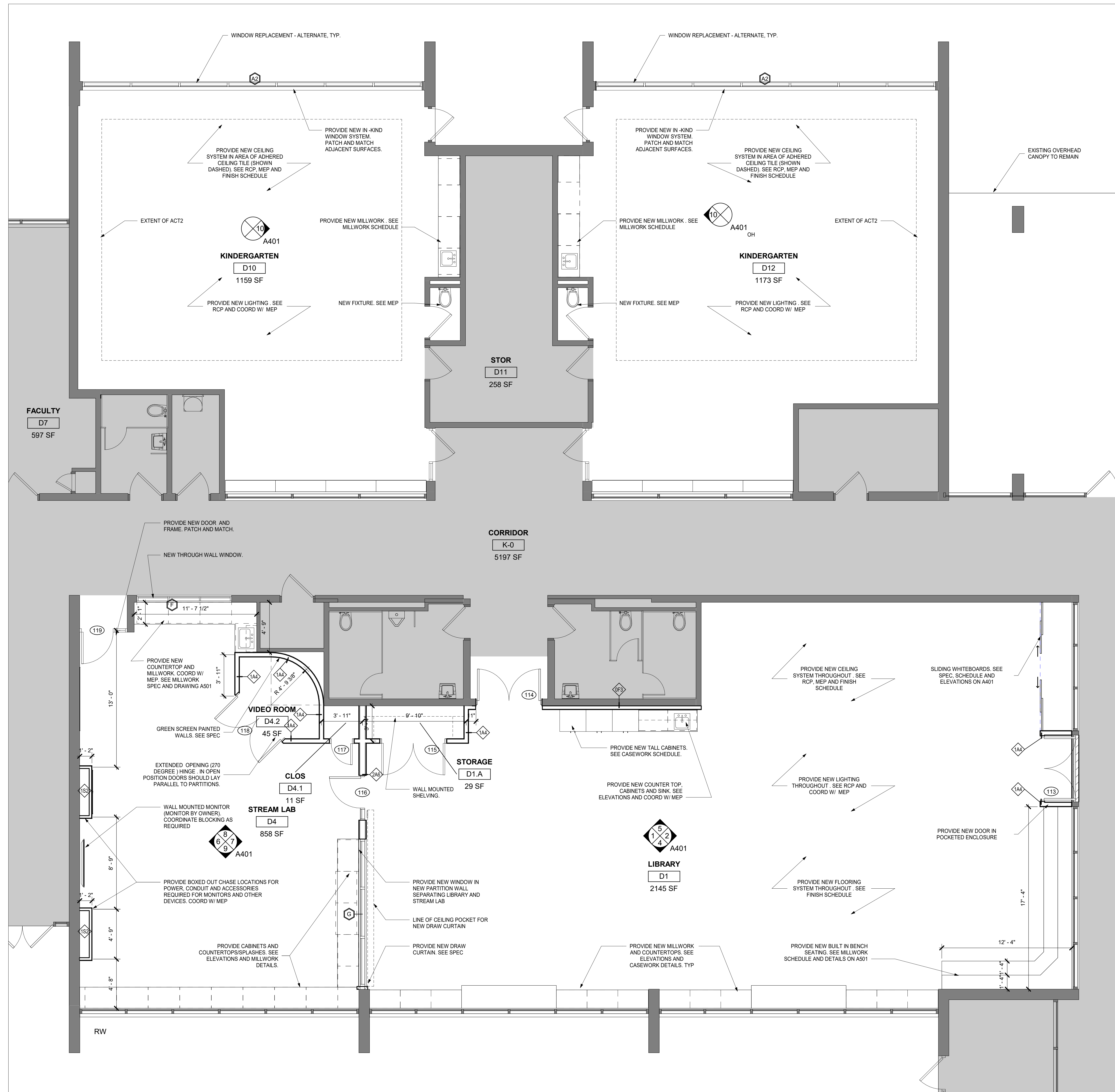
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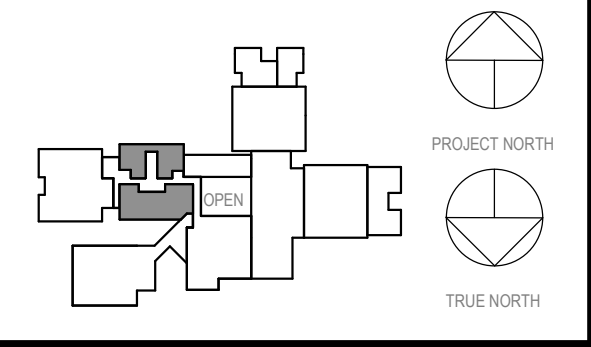
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GENERAL NOTES

- 1 DENOTES AREA OF NO MAJOR ARCHITECTURAL RENOVATION WORK. SPECIFIC WORK MAY BE SHOWN ELSEWHERE. REFER TO M.E.P. DWGS.
- 2 (101) DENOTES DOOR NUMBER SEE A802 FOR DOOR SCHEDULE. SEE SPECS. FOR HARDWARE SETS & INFO
- 3 RW DENOTES RESCUE WINDOW SEE A803
- 4 DENOTES EXISTING WALL TO REMAIN (MOST EXISTING WALLS ARE MASONRY)
- 5 DENOTES 2hr RATED WALL
- 6 DENOTES WALL TYPE & FIRE RATING, WHERE SHOWN (SEE A901)
- 7 DENOTES HOLLOW METAL FRAME W/ SIDELITE OR TRANSOM (SEE A903)
- 8 FINISH SCHEDULE & ABBREVIATION LIST - SEE DWG. A501
- 9 ALL CORRIDOR WALLS ARE TO HAVE AT LEAST A 1hr FIRE RATING (EVEN IF NOT LABELED)
- 10 DIMENSIONS SHOWN FOR INTERIOR WALLS ARE: FACE OF STRUCTURE OR FACE OF CMU/ FACE OF ADJACENT WALL TO EDGE OF DOOR FRAME IS 4" (TYP) U.N.O. (SEE A & B ON A902)
- 11 FACE OF ADJACENT WALL TO EDGE OF DOOR FRAME IS 4" (TYP) U.N.O. (SEE A & B ON A902)
- 12 MBB, TBA - DENOTES MARKERBOARD OR TACKBOARD OF SPECIFIED LENGTH (FT)
- 13 SB - DENOTES "SMART BOARD" FURNISHED BY OWNER, INSTALLED BY G.C.
- 14 DENOTES EXISTING DOOR TO REMAIN (U.N.O.)
- 15 (101) DENOTES NEW DOOR, FRAME, & HARDWARE, SEE NOTE 2 (ABOVE)
- 16 LOCATIONS INDICATING/ SHOWING A CHANGE IN FLOORING WARRANTS A TRANSITION STRIP BETWEEN EXISTING AND NEW MATERIALS. PROVIDE COMPLIANT SILL WHERE NEW FLOORING MEETS EXISTING. SEE A902/ 4B TYP.



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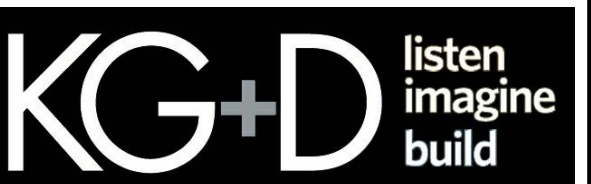
Professional Seal

1 1ST FLOOR KINDERGARTENS + LIBRARY
1/4" = 1'-0"

2	03.22.2024	ISSUED FOR BID
1	09.01.2023	NYSED SUBMISSION
No.	Date	Issue
PARTIAL FIRST FLOOR - LIBRARY AND KINDERGARTENS		
Job No.	2023-1017	Date
Scale	AS NOTED	Drawn / Checked
Sheet Number	RTM / RAD	
A202		

**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

KATONAH-LEWISBORO
UFSD
185 SMITH RIDGE ROAD,
SOUTH SALEM, NY 10590



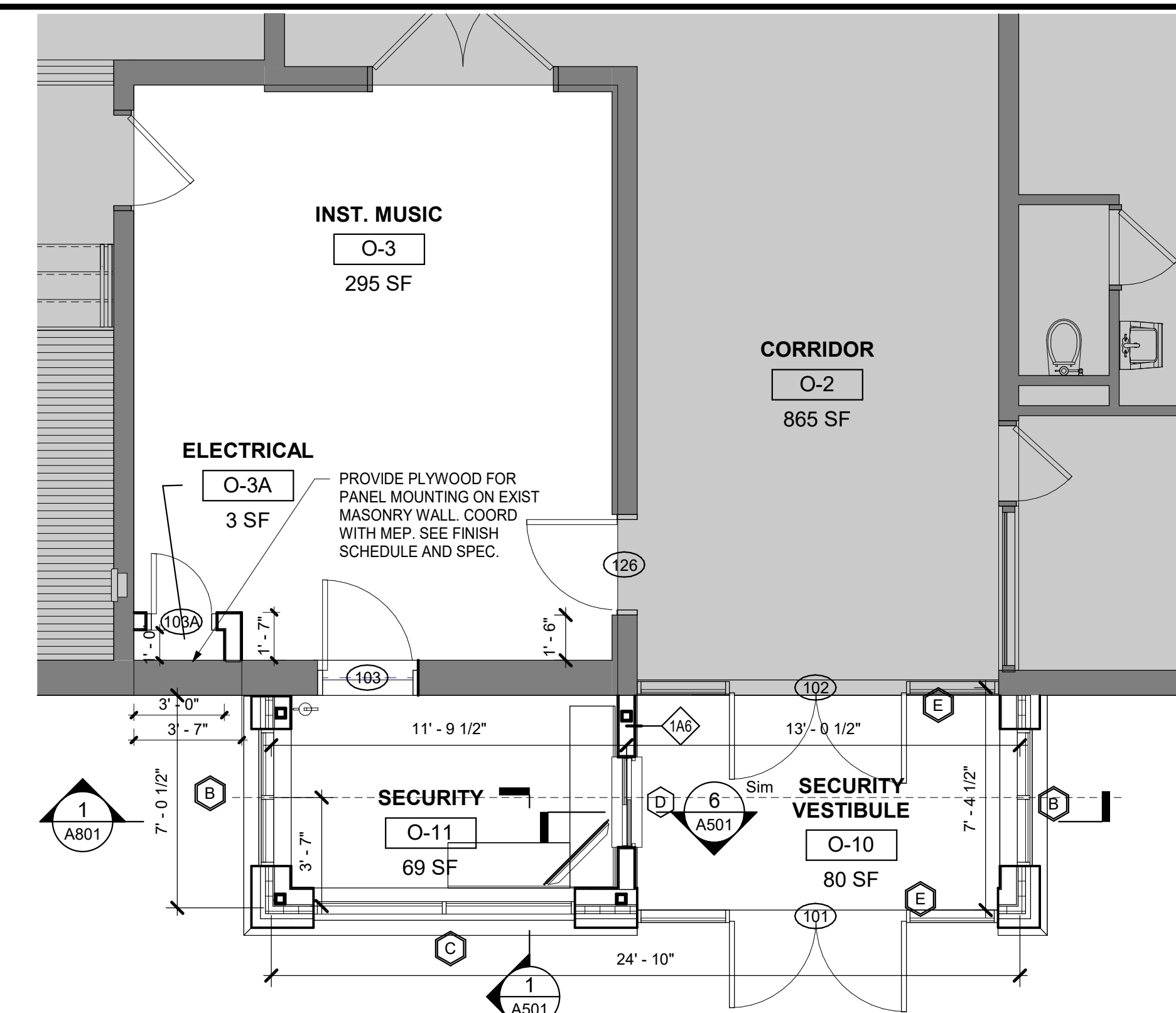
KG+D . ARCHITECTS PC
385 MAIN STREET MOUNT KISCO, NEW YORK 10549
P:914.666.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NUMBER
66-01-01-03-0-007-016

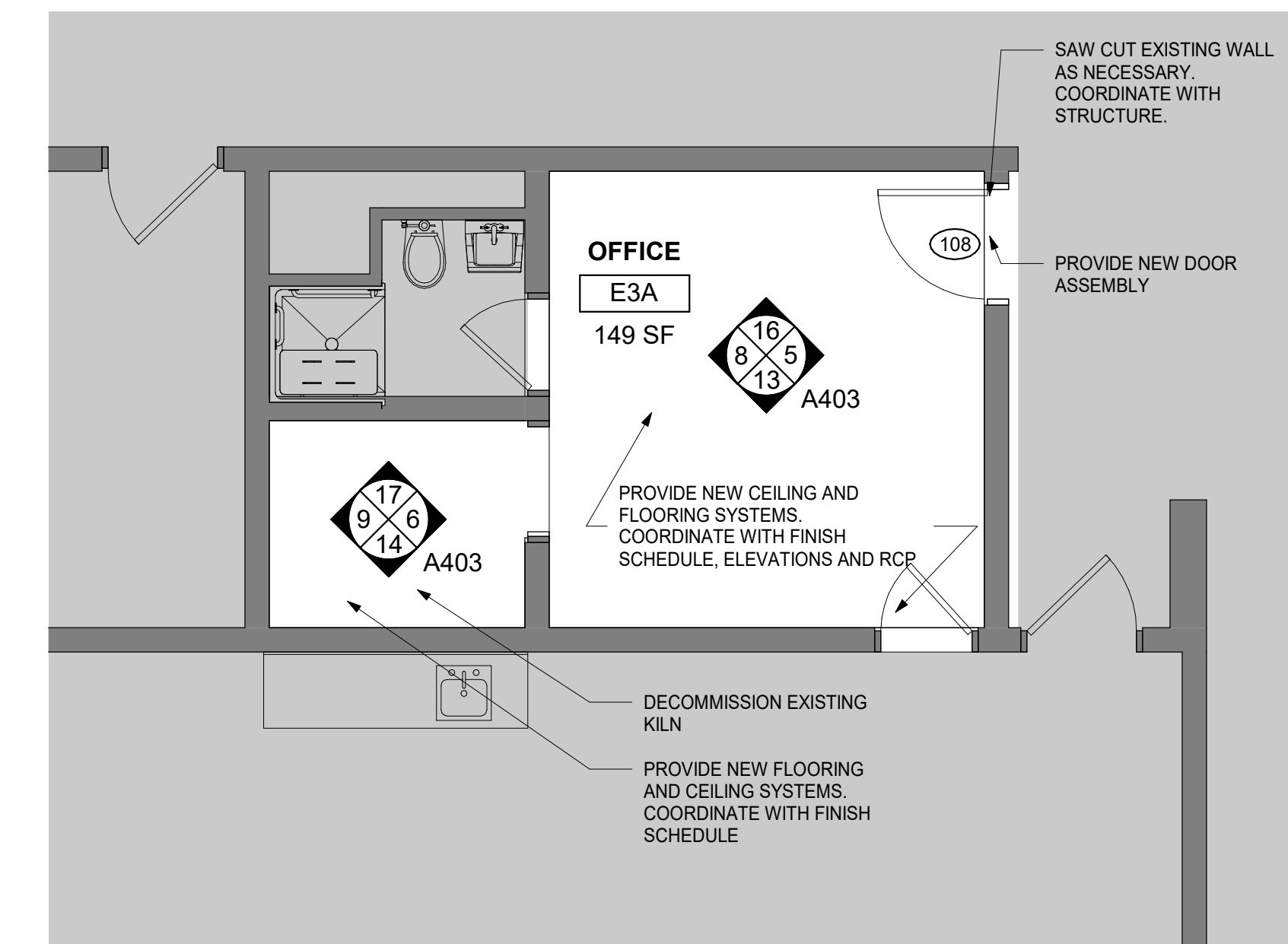
CONSTRUCTION DOCUMENTS -
ISSUED FOR BID

GENERAL NOTES

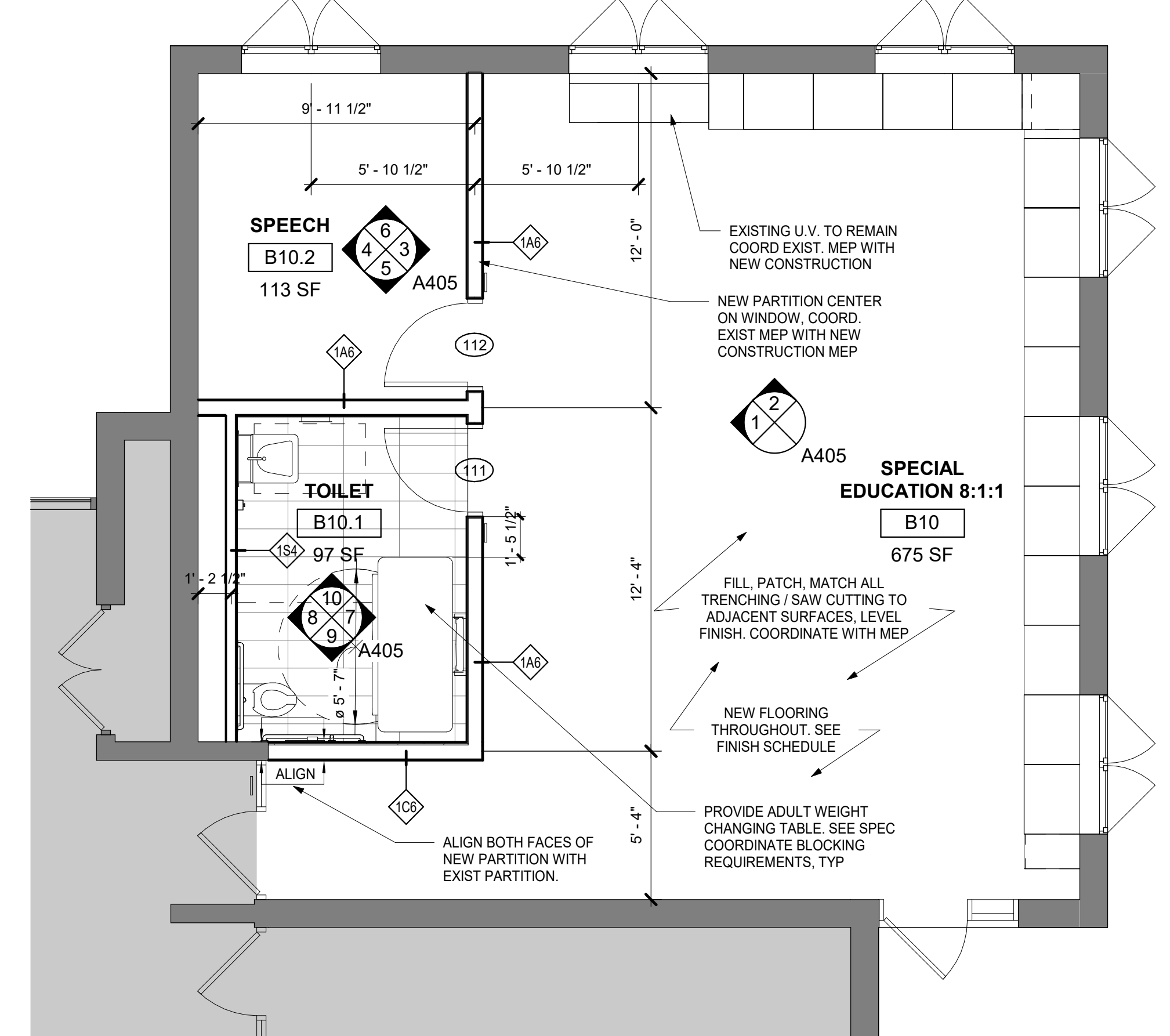
- 1 DENOTES AREA OF NO MAJOR ARCHITECTURAL RENOVATION WORK. SPECIFIC WORK MAY BE SHOWN ELSEWHERE. REFER TO M.E.P. DWGS.
- 2 (101) DENOTES DOOR NUMBER SEE A902 FOR DOOR SCHEDULE. SEE SPECS. FOR HARDWARE SETS & INFO.
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- 4 DENOTES EXISTING WALL TO REMAIN (MOST EXISTING WALLS ARE MASONRY)
- 5 DENOTES 2hr RATED WALL
- 6 DENOTES WALL TYPE & FIRE RATING, WHERE SHOWN (SEE A801)
- 7 DENOTES HOLLOW METAL FRAME w/ SIDELITE OR TRANSOM (SEE A903)
- 8 FINISH SCHEDULE & ABBREVIATION LIST - SEE DWG. A501
- 9 ALL CORRIDOR WALLS ARE TO HAVE AT LEAST A 1hr FIRE RATING (EVEN IF NOT LABELED)
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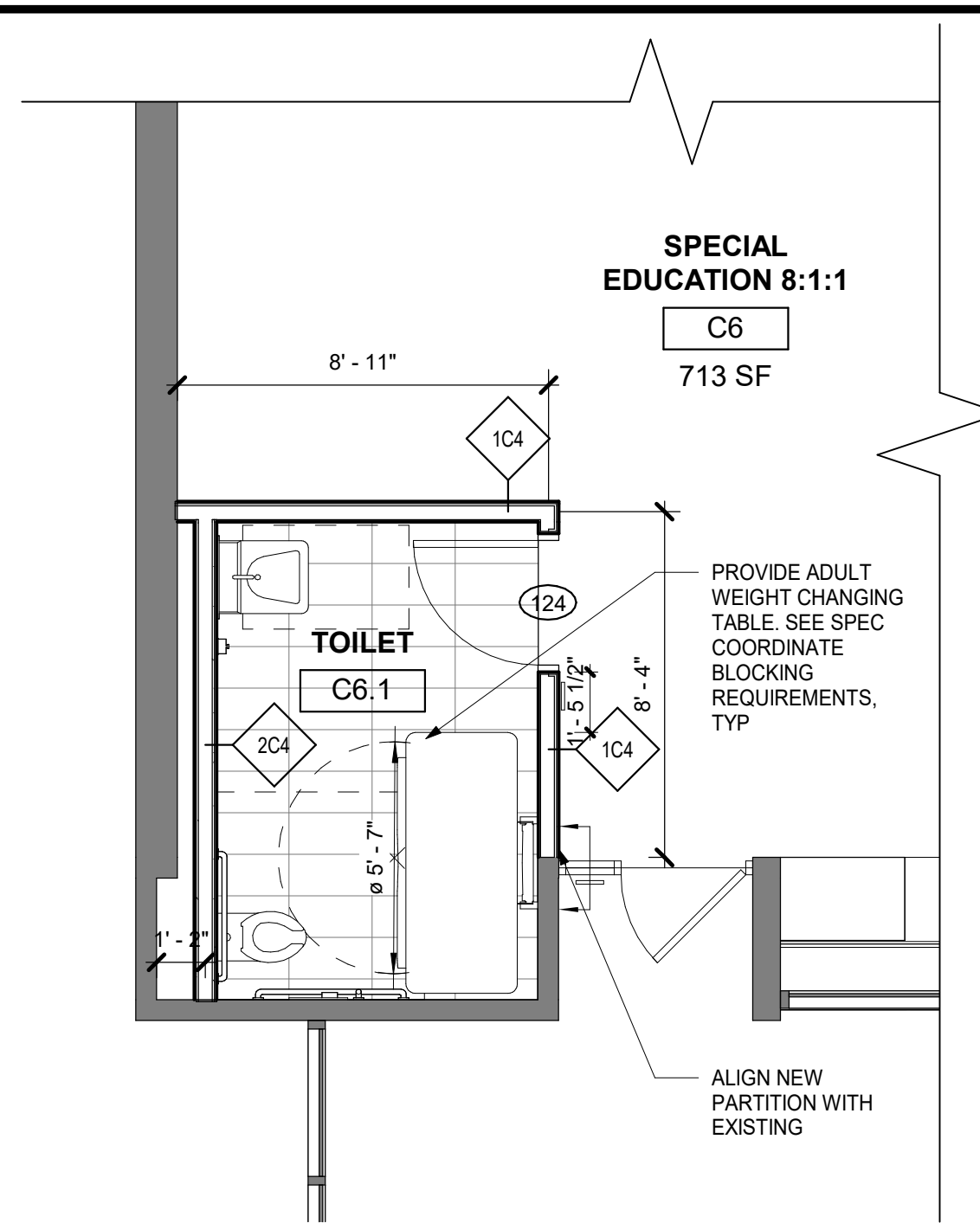
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1/4" = 1'-0"



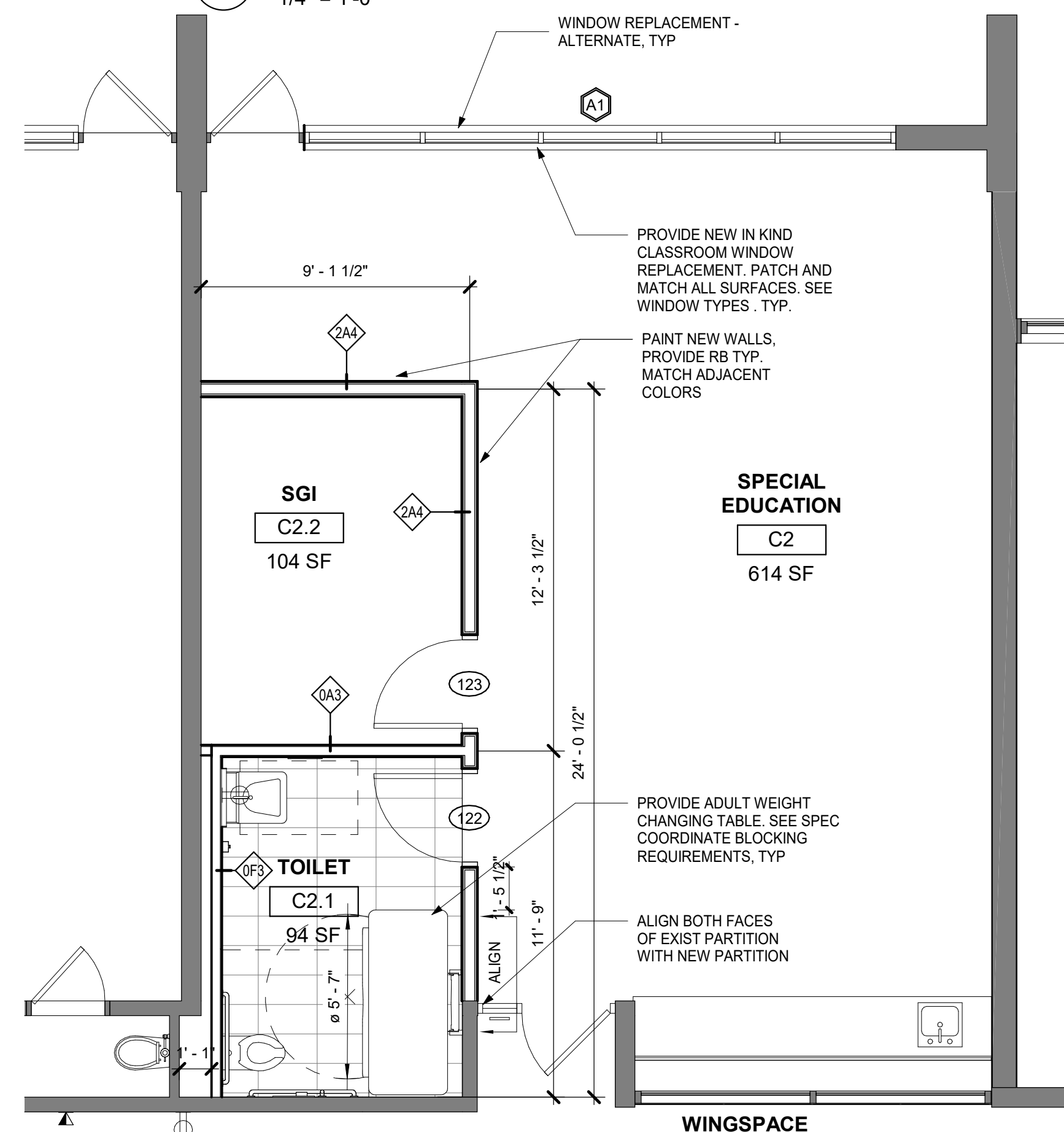
2 ENLARGED PLAN - OFFICE
1/4" = 1'-0"



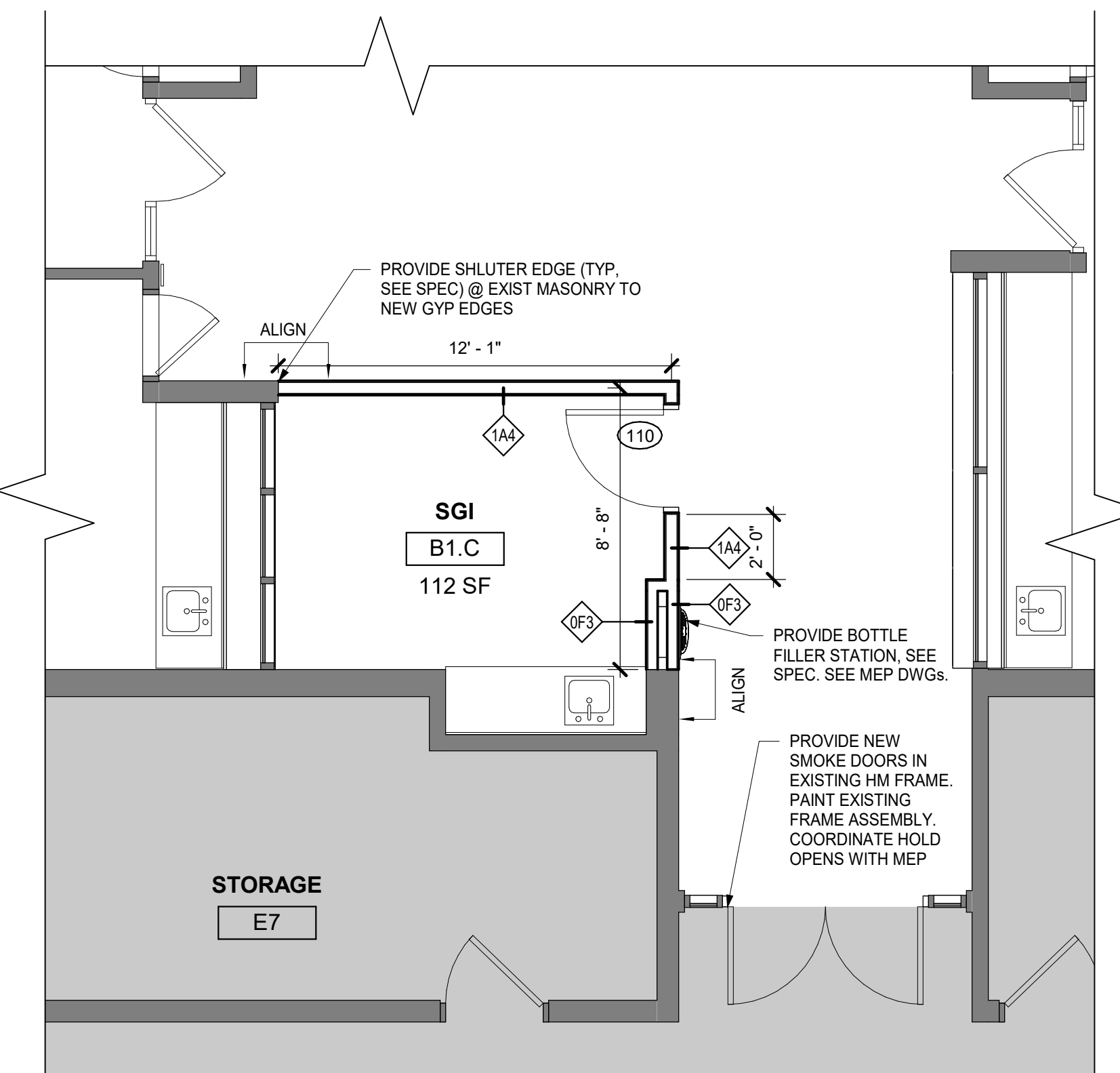
1 ENLARGED PLAN - SPECIAL CLASSROOM B10
1/4" = 1'-0"



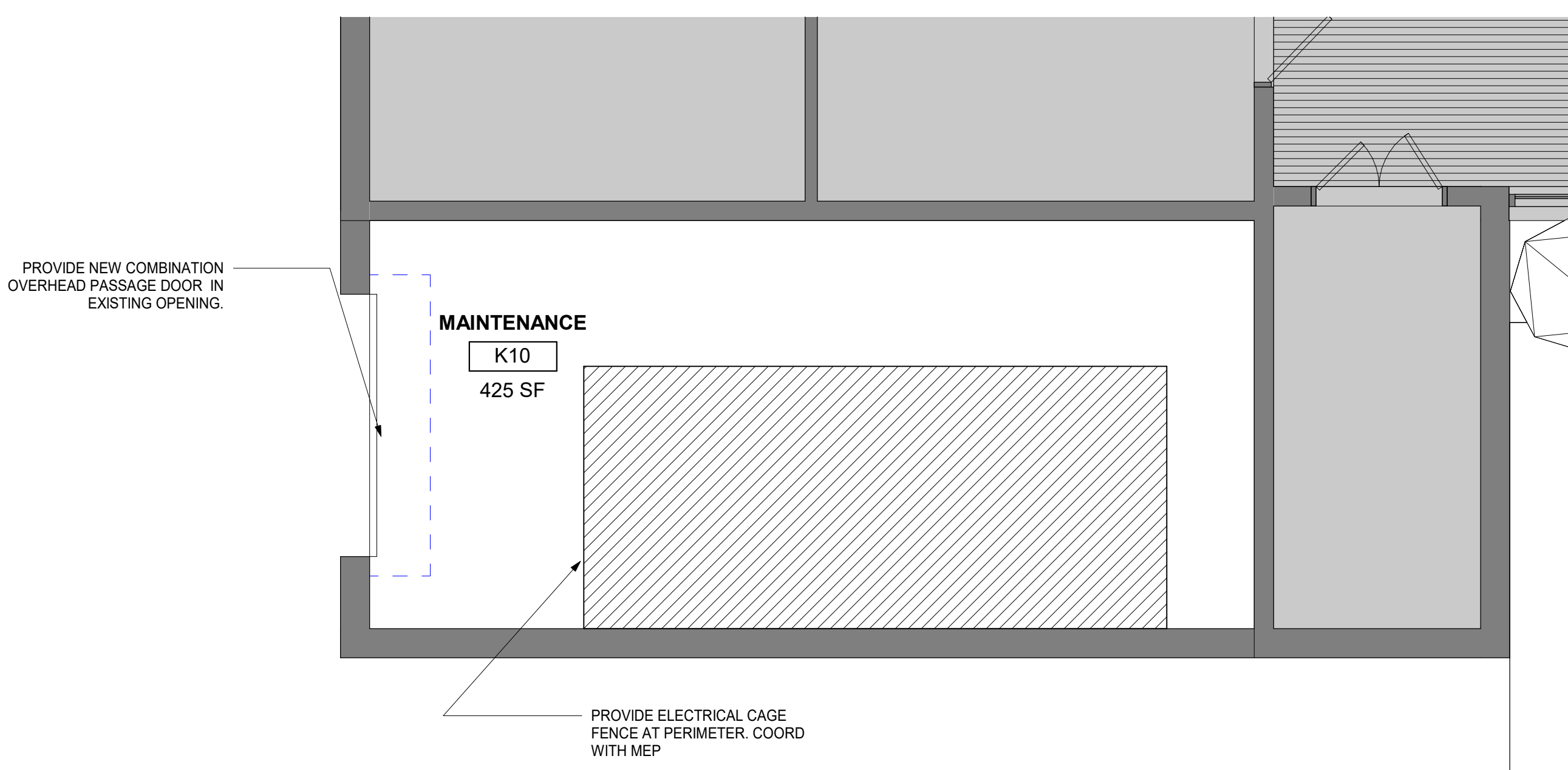
6 ENLARGED PLAN - C6 TOILET ALTERATION
1/4" = 1'-0"



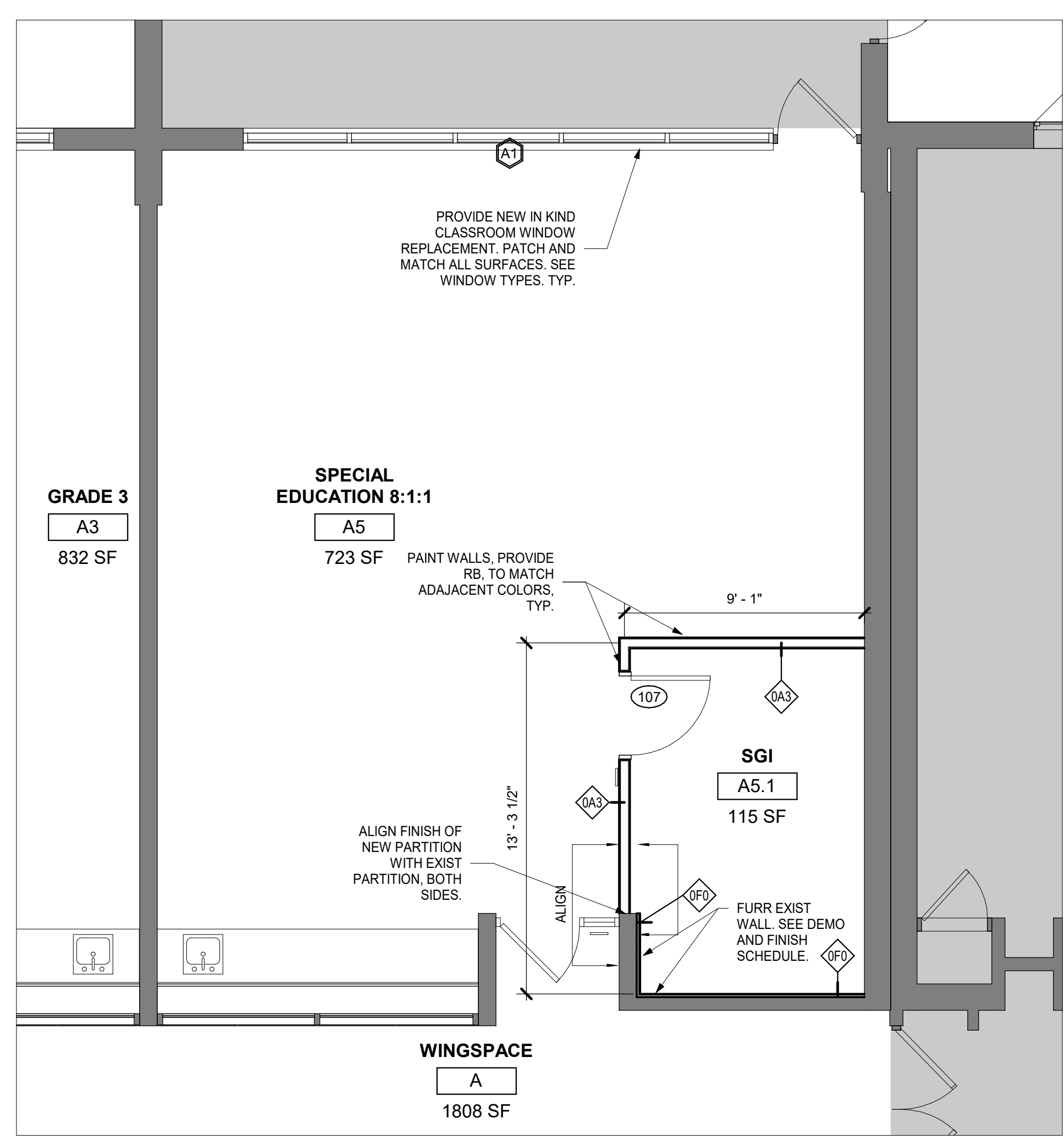
5 ENLARGED - SPECIAL CLASSROOM C2
1/4" = 1'-0"



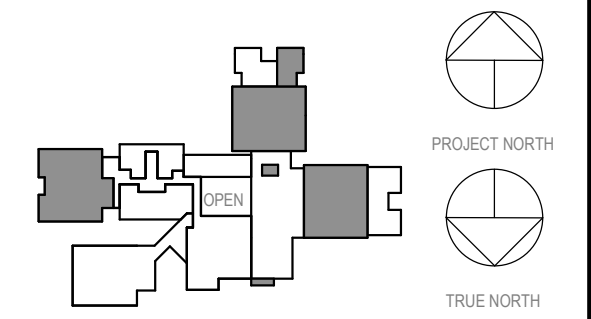
4 ENLARGED PLAN - WINGSPACE B - SGI
1/4" = 1'-0"



8 ENLARGED PLAN - MAINTENANCE
1/4" = 1'-0"



7 ENLARGED PLAN - SPECIAL CLASSROOM A5
1/4" = 1'-0"



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Professional Seal

2	03.22.2024	ISSUED FOR BID
1	09.01.2023	NYSED SUBMISSION
No.	Date	Issue

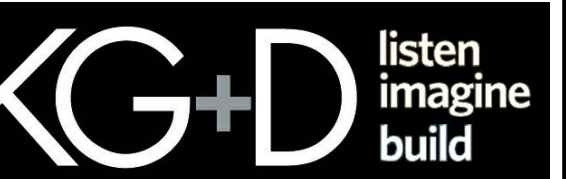
**PARTIAL FIRST
FLOOR -
SECURITY VEST
AND OFFICE**

Job No. 2023-1017 Date 03/12/2023
Scale AS NOTED Drawn / Checked RTM / RAD
Sheet Number

A203

**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

KATONAH-LEWISBORO
UFSD
185 SMITH RIDGE ROAD,
SOUTH SALEM, NY 10590



KG+D . ARCHITECTS PC
385 MAIN STREET MOUNT KISCO, NEW YORK 10549
P:914.668.5900 KGDARCHITECTS.COM

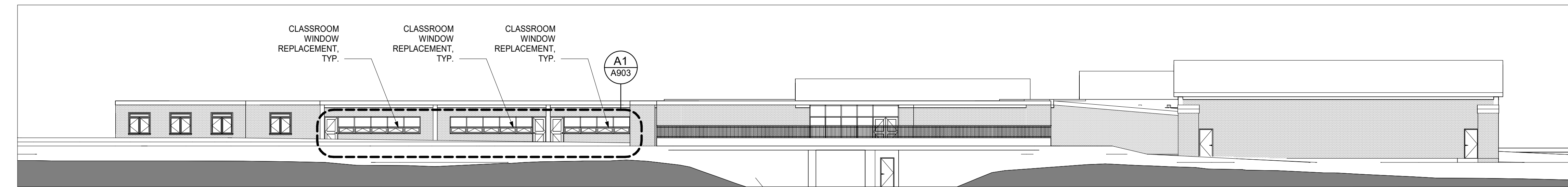
NY SED PROJECT CONTROL NUMBER

66-01-01-03-0-007-016

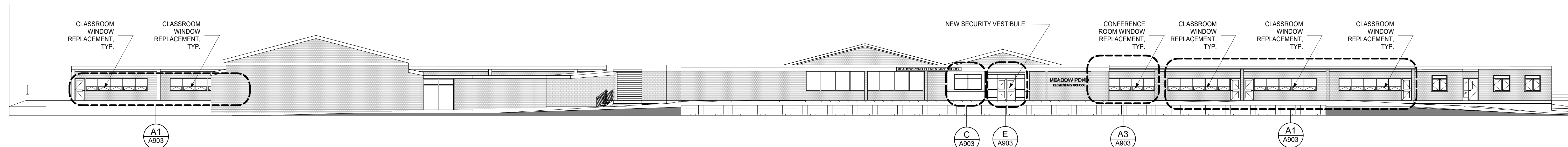
**CONSTRUCTION DOCUMENTS -
ISSUED FOR BID**



5 SECURITY VESTIBULE AT MAIN ENTRANCE



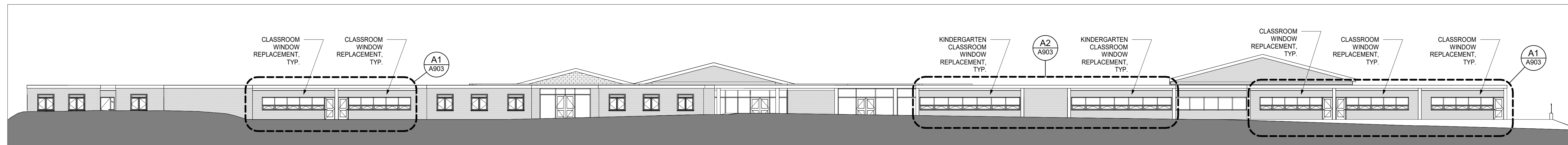
4 EXTERIOR WEST ELEVATION
1/16" = 1'-0"



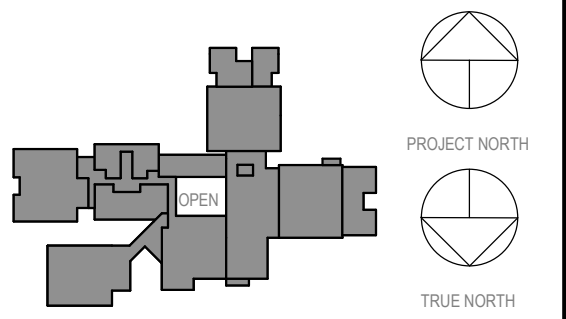
3 EXTERIOR SOUTH ELEVATION
1/16" = 1'-0"



2 EXTERIOR EAST ELEVATION
1/16" = 1'-0"



1 EXTERIOR NORTH ELEVATION
1/16" = 1'-0"



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No.	Date	Issue

Sheet Title

**EXTERIOR
ELEVATIONS**

Job No. 2023-1017 Date 03/12/2023

Scale AS NOTED Drawn / Checked RTM / RAD

Sheet Number

A301

**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

KATONAH-LEWISBORO
UFSD
185 SMITH RIDGE ROAD,
SOUTH SALEM, NY 10590



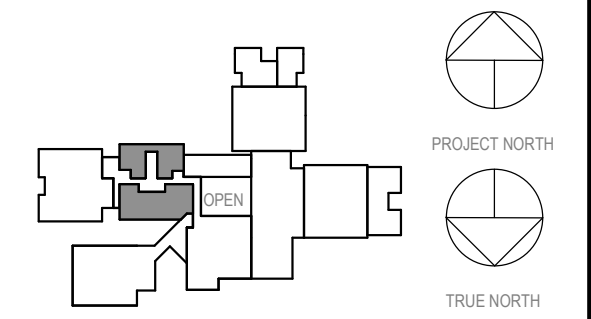
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P:914.666.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NUMBER
66-01-01-03-0-007-016

**CONSTRUCTION DOCUMENTS -
ISSUED FOR BID**

INTERIOR NOTES

- UNLESS OTHERWISE NOTED, ELECTRICAL OUTLETS & DATA OUTLETS ARE TO BE 18" (1"±) ON CENTER A.F.F., TYPICAL. EXCEPTION: ALL OUTLETS AT COUNTERTOPS ARE TO BE 42" (3-6" A.F.F. TO THE BOTTOM OF THE OUTLET PLATE, TYP. SEE ELECTRICAL FOR MORE INFORMATION.
- ALL EXTERIOR CORNERS OF WALL TILE TO HAVE SCHLUTER EDGES.
- UNLESS EXPLICITLY NOTED, ALL FURNITURE IN THE LIBRARY SPACE IS MOVEABLE AND THE LAYOUT PRESENTED IS AN OPTION.
- ALL PLANS ARE FOR REFERENCE TO KEY ELEVATIONS. SEE NEW CONSTRUCTION PLANS.



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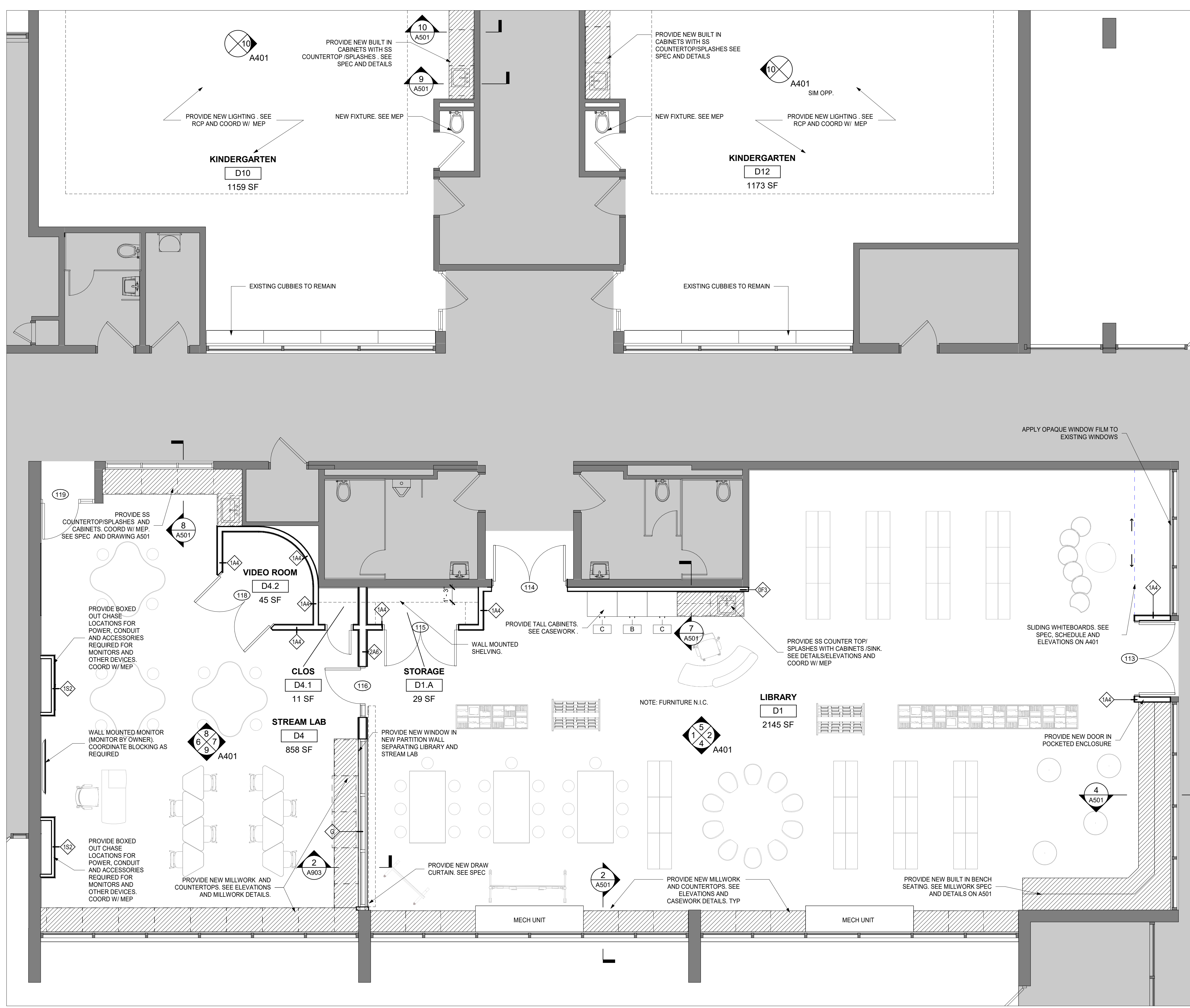
Professional Seal

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1	09.01.2023	NYSED SUBMISSION
Rev	Date	Issue

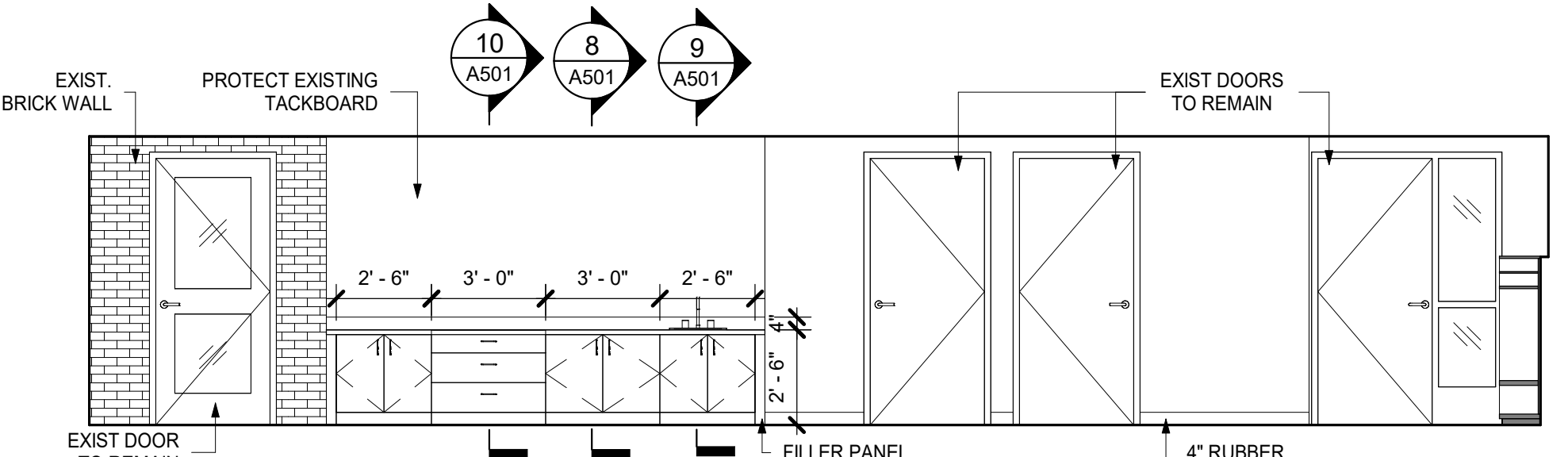
**ELEVATIONS
LIBRARY +
STREAM LAB +
KINDERGARTENS**

Job No. 2023-1017 Date 03/12/2023
Scale AS NOTED Drawn / Checked RTM / RAD
Sheet Number

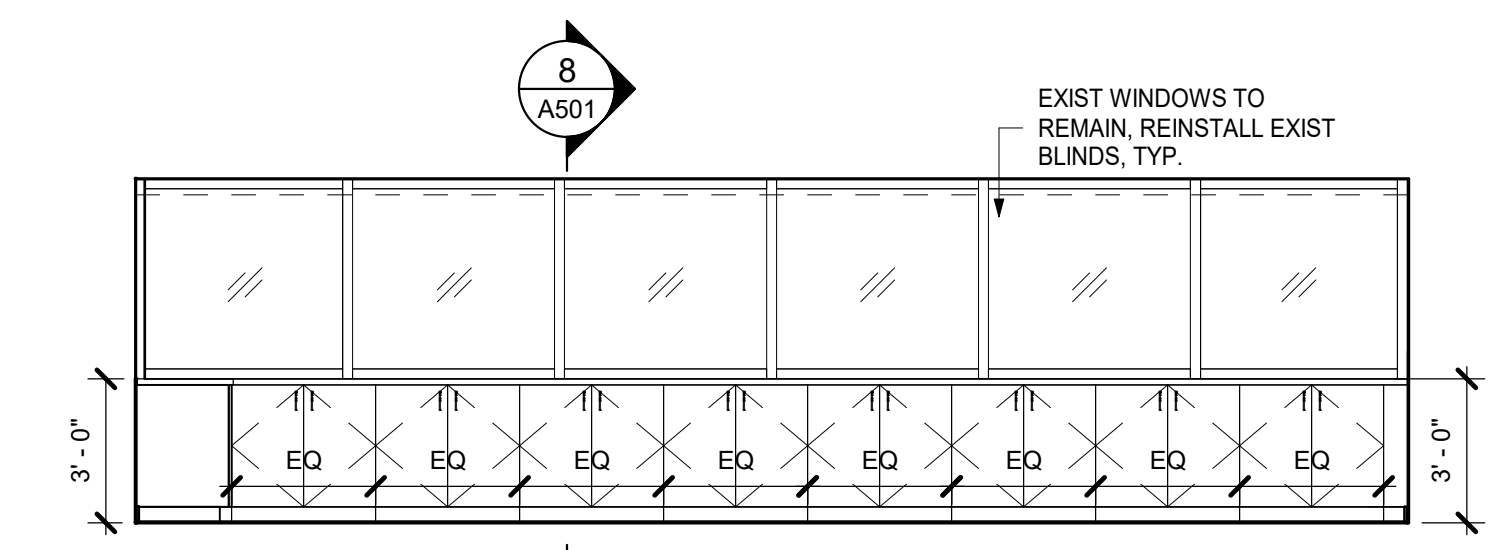
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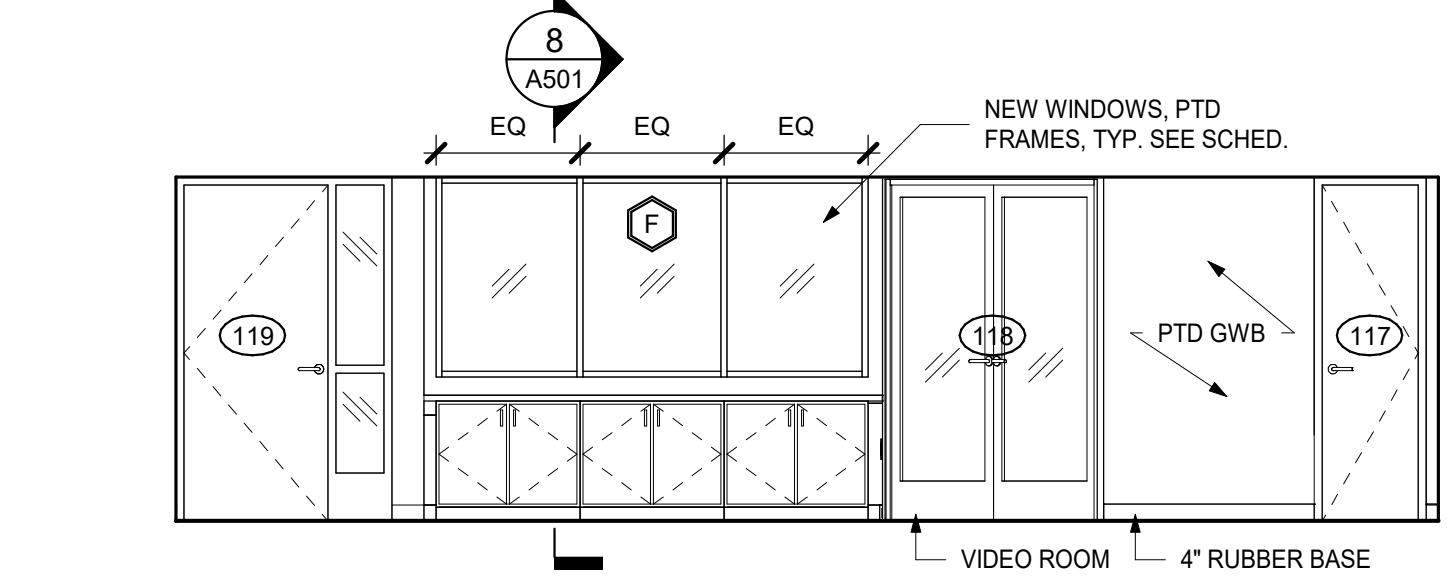
3 1ST FLOOR LIBRARY
1/4" = 1'-0"



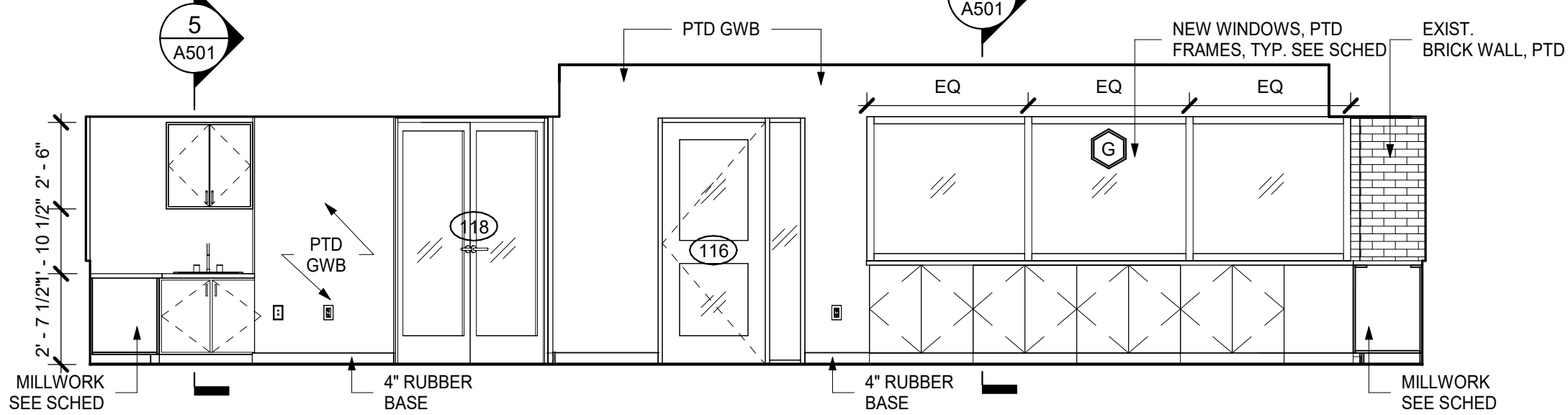
10 KINDERGARTEN MILLWORK D10 (D12 OH) - EAST ELEVATION
1/4" = 1'-0"



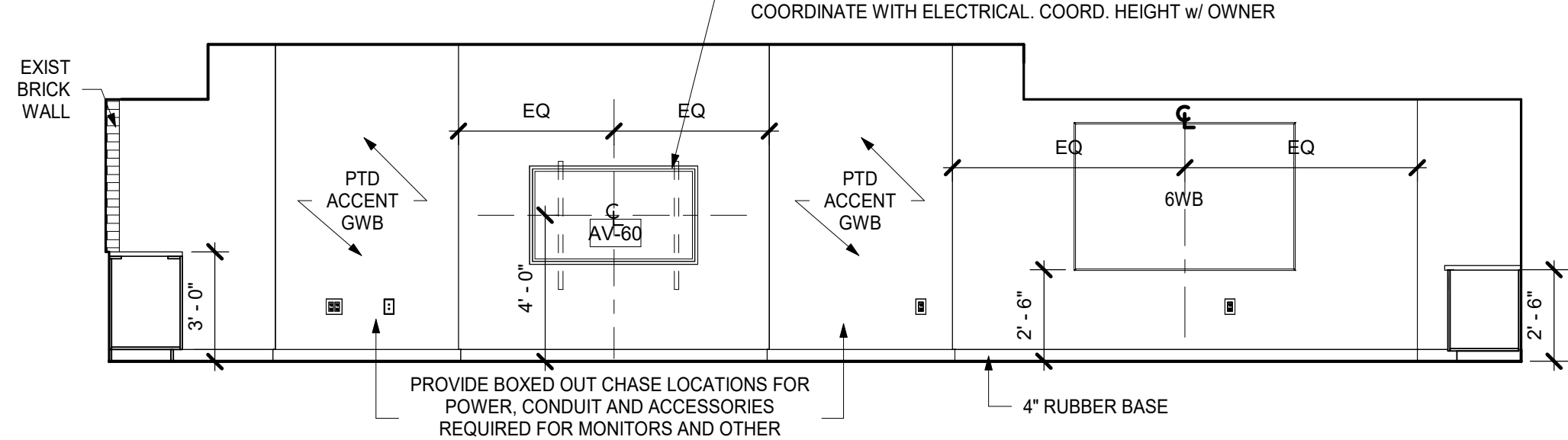
9 STREAM LAB - SOUTH ELEVATION
1/4" = 1'-0"



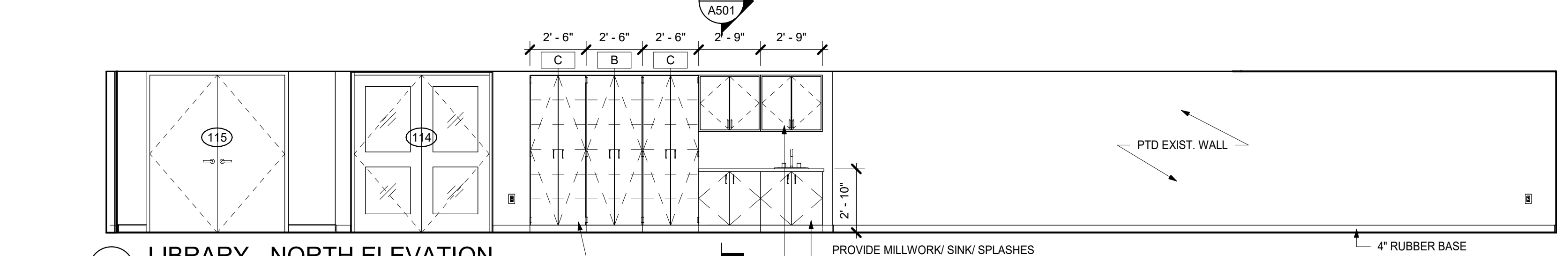
8 STREAM LAB - NORTH ELEVATION
1/4" = 1'-0"



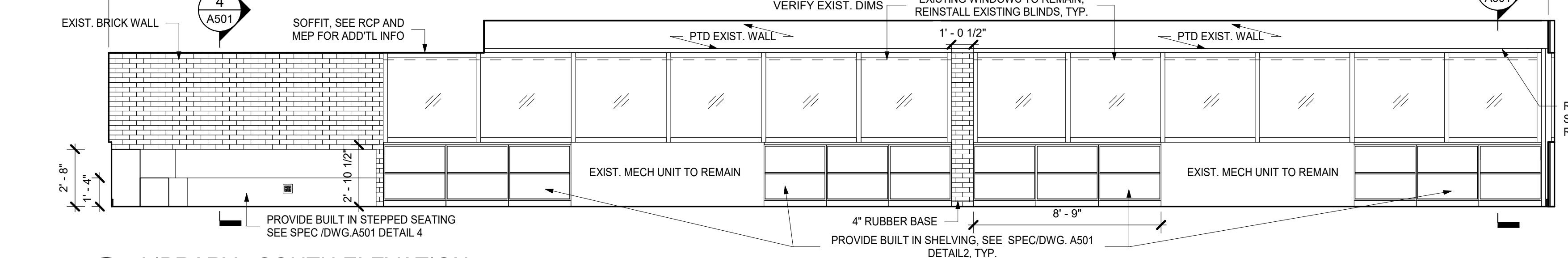
7 STREAM LAB - EAST ELEVATION
1/4" = 1'-0"



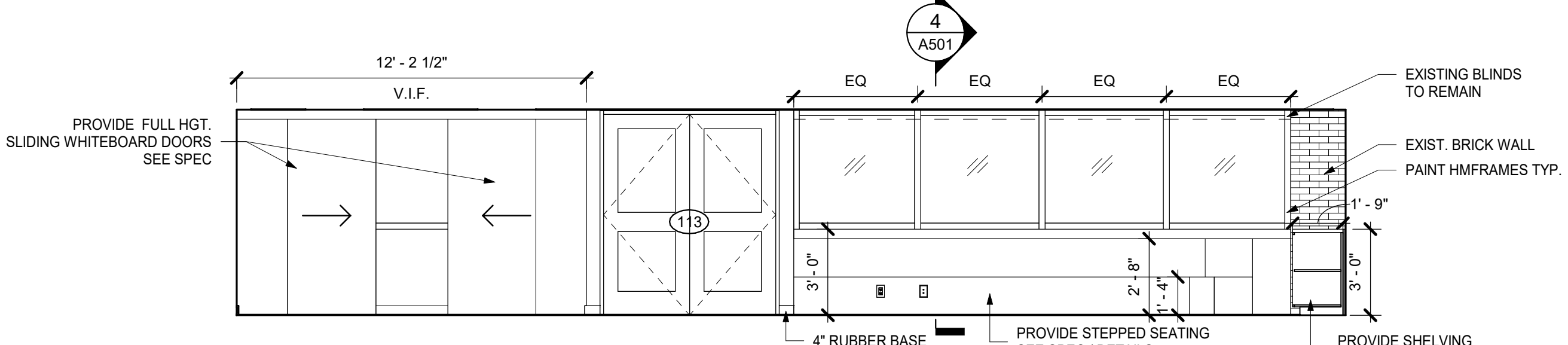
6 STREAM LAB - WEST ELEVATION
1/4" = 1'-0"



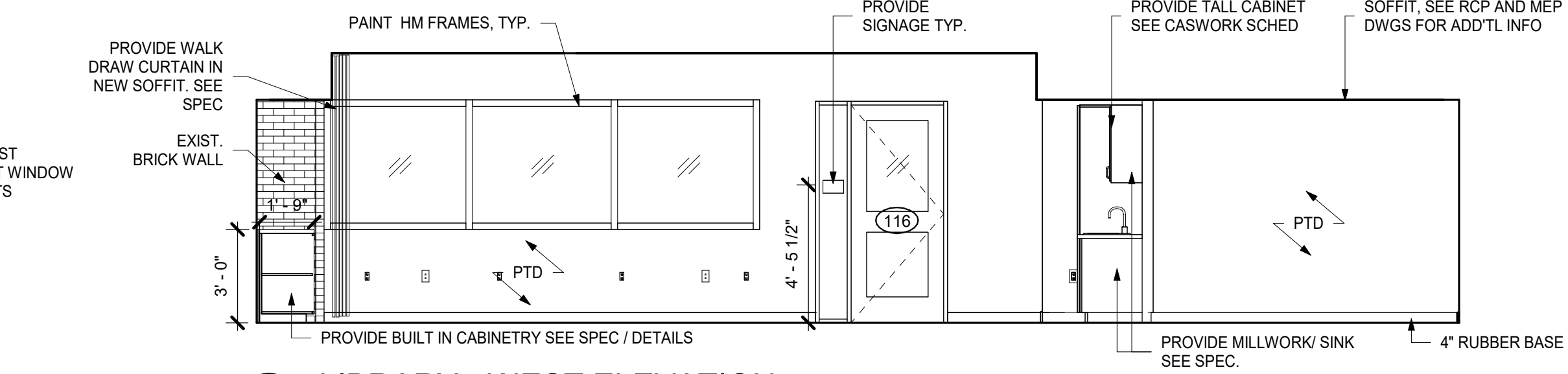
5 LIBRARY - NORTH ELEVATION
1/4" = 1'-0"



4 LIBRARY - SOUTH ELEVATION
1/4" = 1'-0"

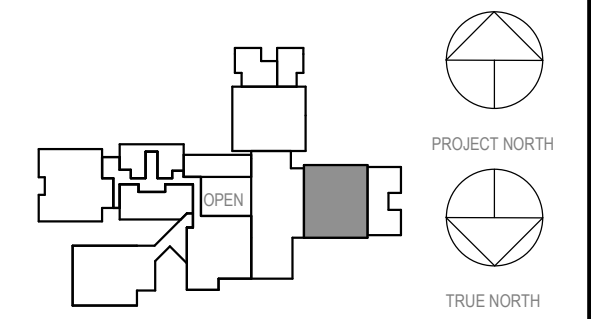


2 LIBRARY - EAST ELEVATION
1/4" = 1'-0"



1 LIBRARY - WEST ELEVATION
1/4" = 1'-0"

- UNLESS OTHERWISE NOTED, ELECTRICAL
OUTLETS & DATA OUTLETS ARE TO BE
18" (1'0") ON CENTER A.F.F., TYPICAL.
EXCEPTION: ALL OUTLETS AT COUNTERTOPS
ARE TO BE 42" (3'-6" A.F.F. TO THE BOTTOM OF
THE OUTLET PLATE, TYP. SEE ELECTRICAL FOR
MORE INFORMATION.
- 2 ALL EXTERIOR CORNERS OF WALL TILE TO
HAVE SCHLUTER EDGES.
- 3 UNLESS EXPLICITLY NOTED, ALL FURNITURE
IN THE LIBRARY SPACE IS MOVEABLE AND
THE LAYOUT PRESENTED IS AN OPTION.
- 4 ALL PLANS ARE FOR REFERENCE TO KEY
ELEVATIONS. SEE NEW CONSTRUCTION
PLANS.

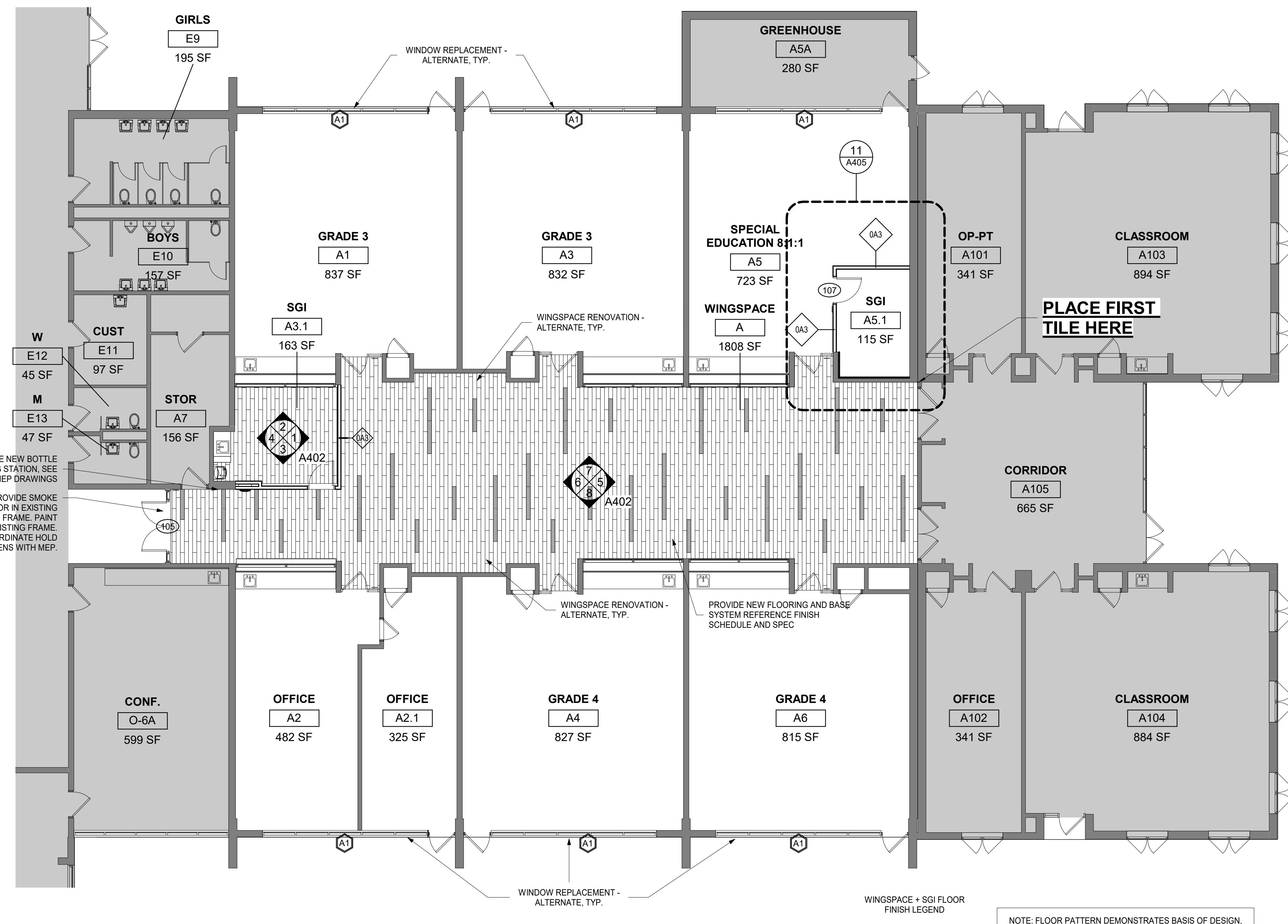


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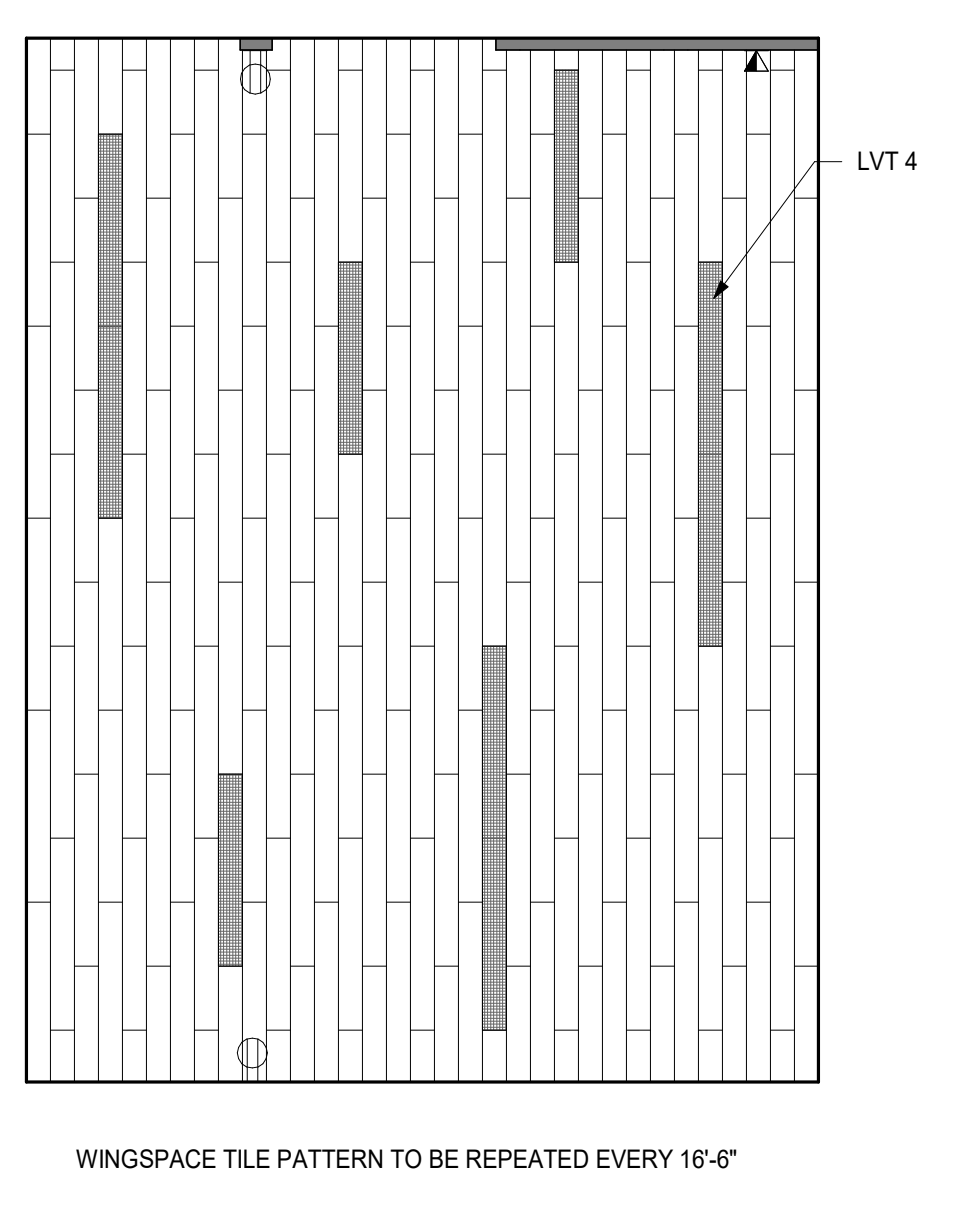
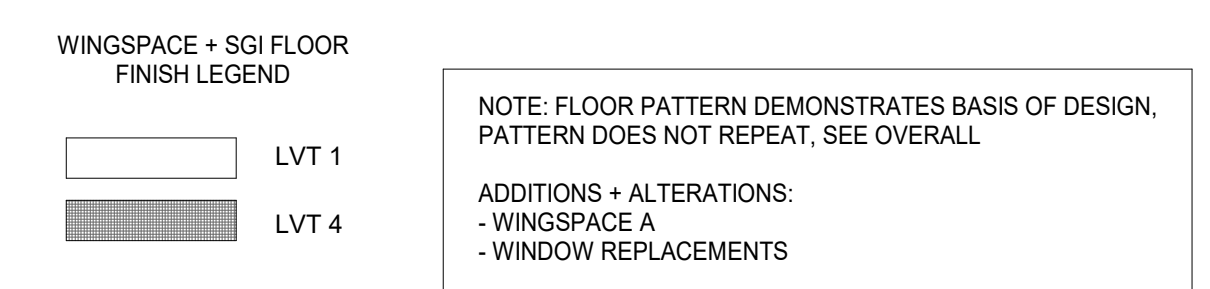
Professional Seal

WINGSPACE A +
SGI + SECURITY
VESTIBULE
ELEVATIONS

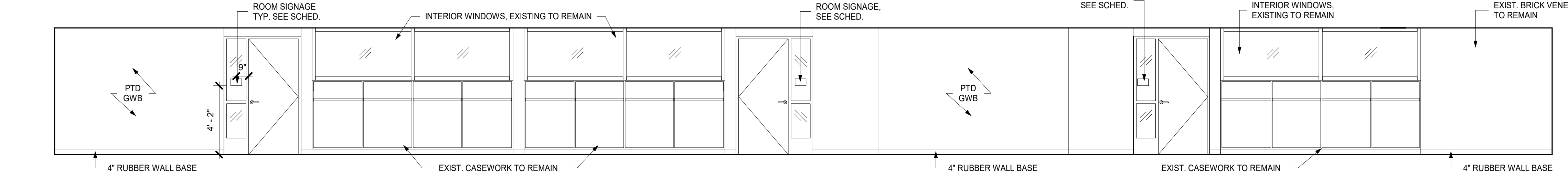
Job No.	2023-1017	Date	03/12/2023
Scale	AS NOTED	Drawn / Checked	RTM / RAD
Sheet Number	A402		



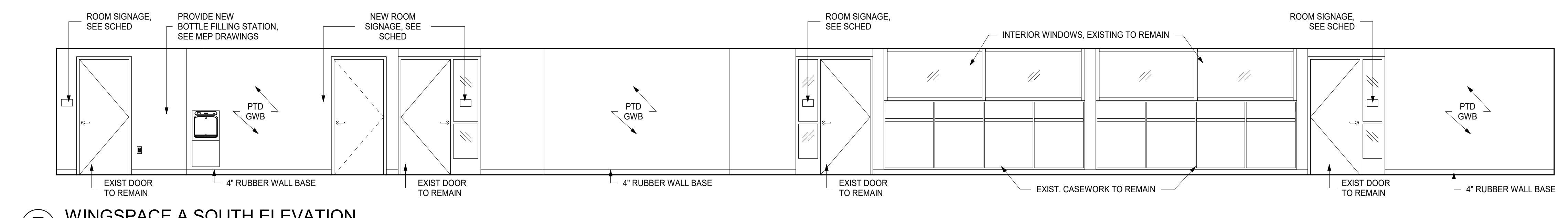
9 PARITAL - 1ST FLOOR WING A - ALTERNATE
1/8" = 1'-0"



WINGSPACE TILE PATTERN TO BE REPEATED EVERY 16'-6"

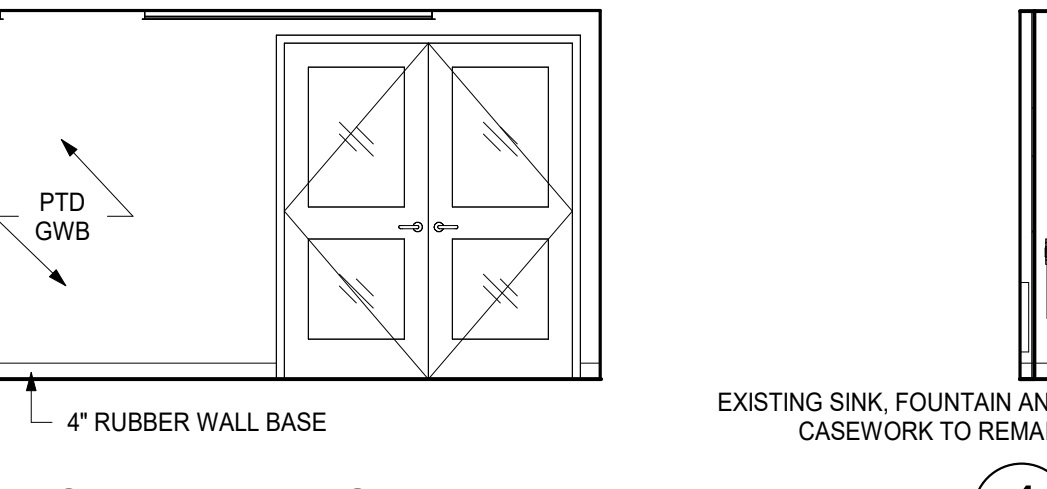


8 WINGSPACE A NORTH ELEVATION
1/4" = 1'-0"

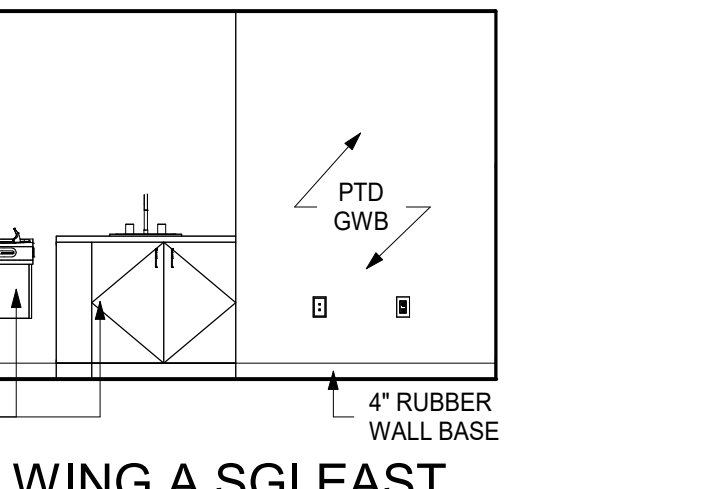


7 WINGSPACE A SOUTH ELEVATION
1/4" = 1'-0"

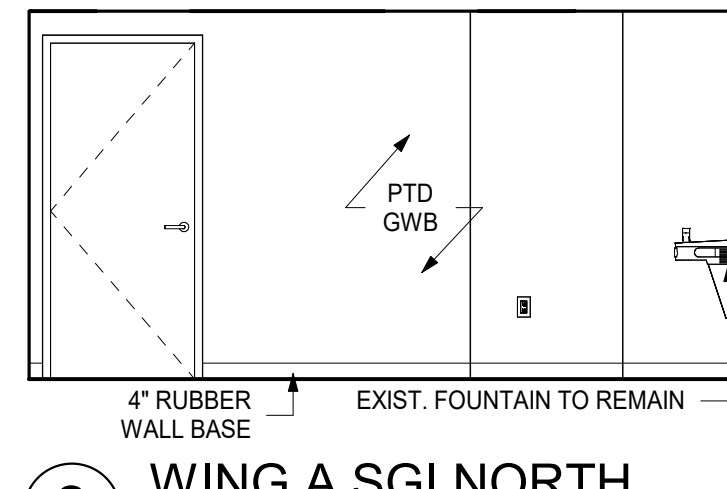
WINGSPACE TILE PATTERN TO BE REPEATED EVERY 16'-6"



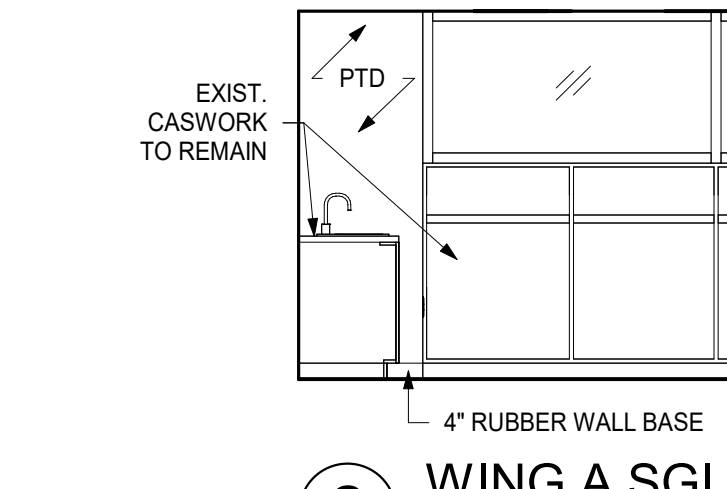
4 WING A SGI EAST
1/4" = 1'-0"



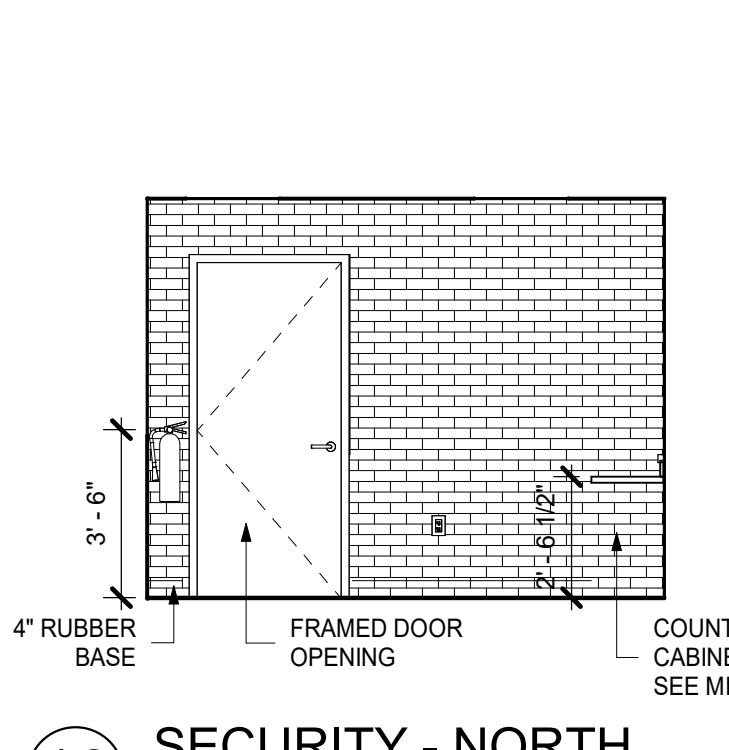
3 WING A SGI NORTH
1/4" = 1'-0"



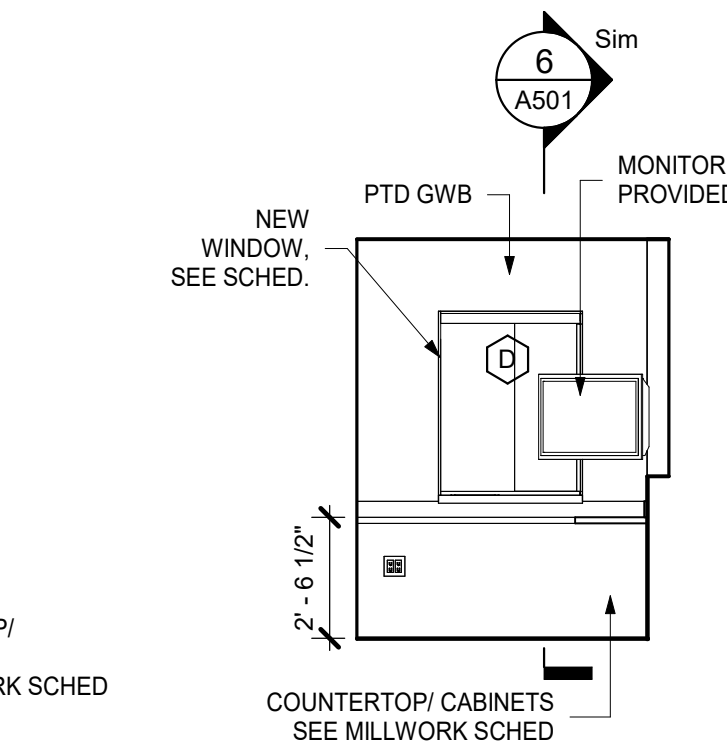
2 WING A SGI SOUTH
1/4" = 1'-0"



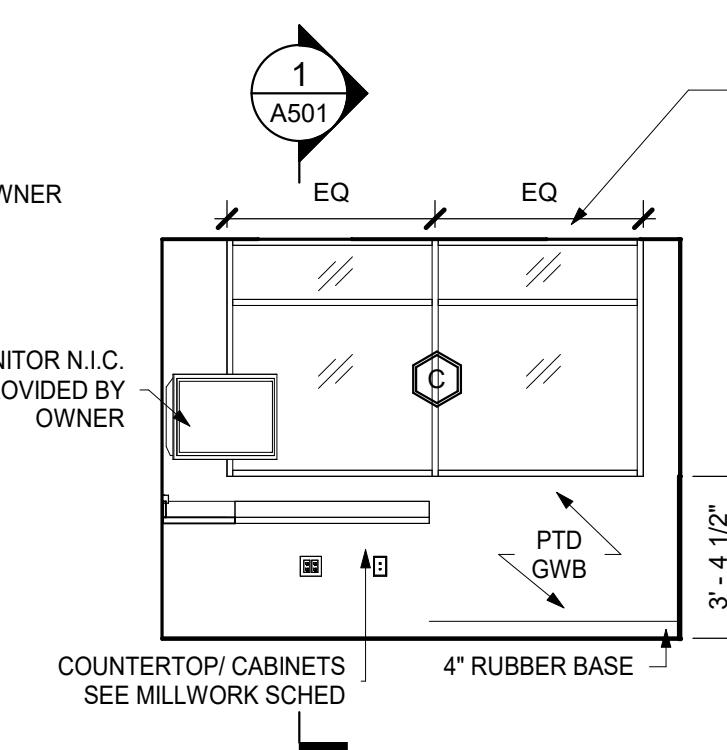
1 WING A SGI WEST
1/4" = 1'-0"



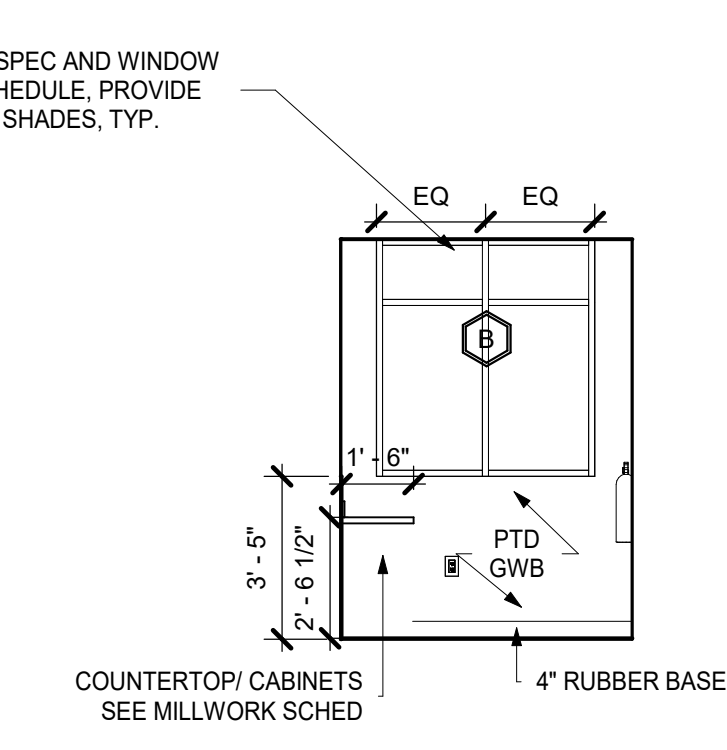
18 SECURITY - NORTH
1/4" = 1'-0"



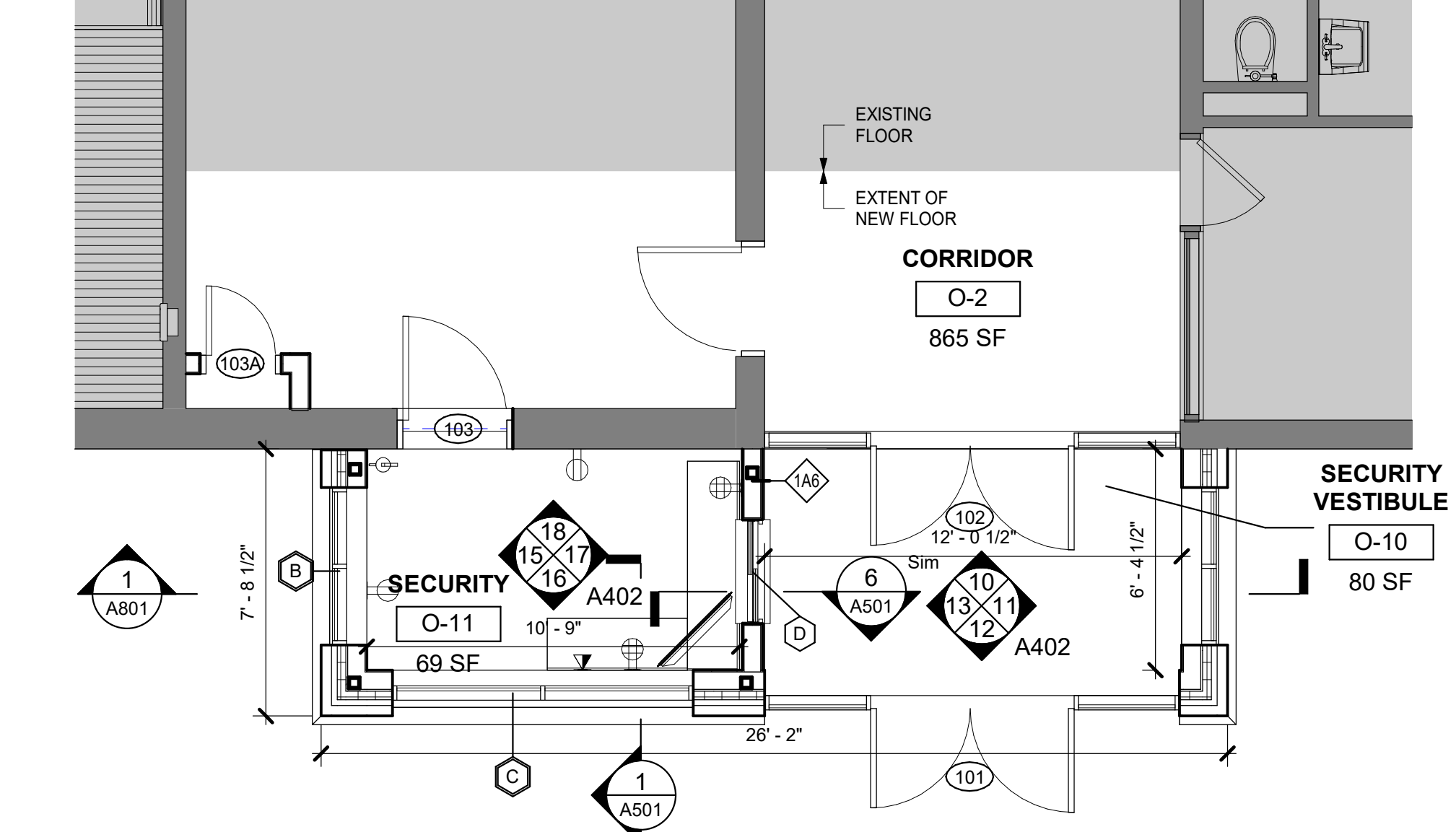
17 SECURITY - EAST
1/4" = 1'-0"



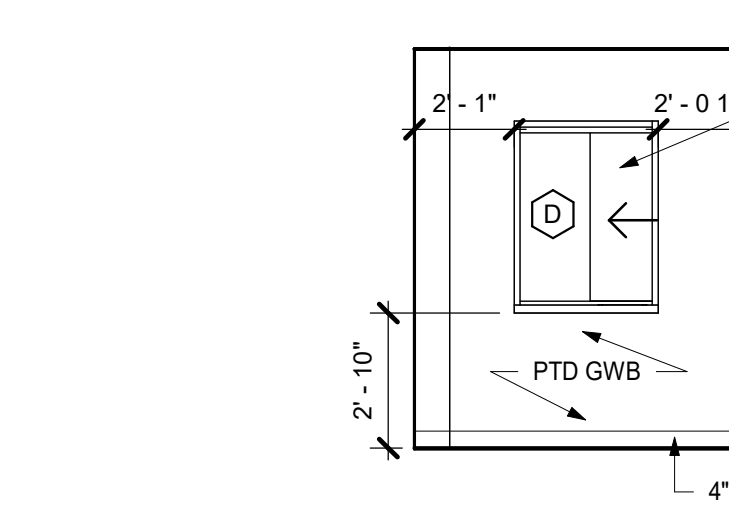
16 SECURITY - SOUTH
1/4" = 1'-0"



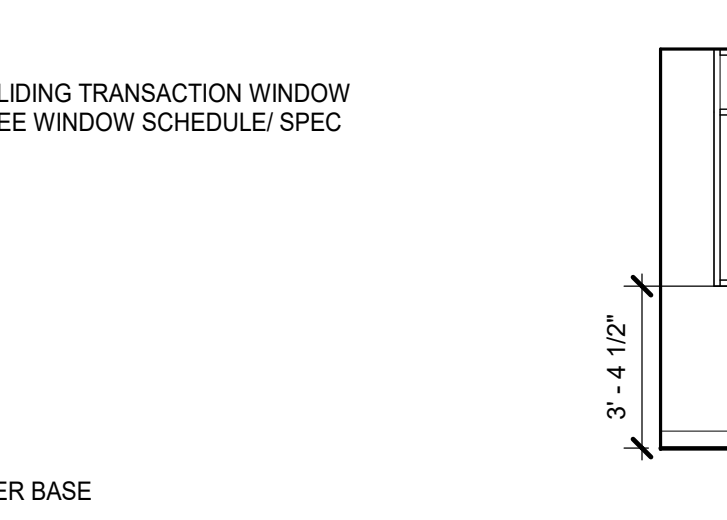
15 SECURITY - WEST
1/4" = 1'-0"



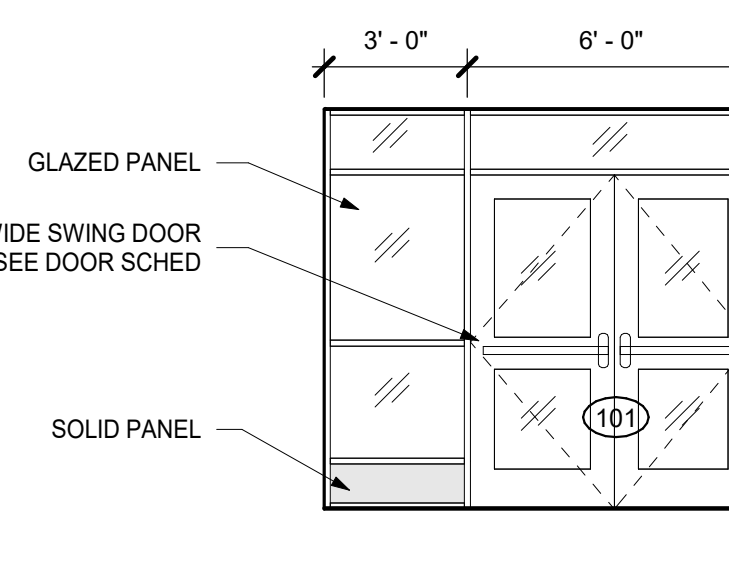
14 ENLARGED PLAN - SECURITY VESTIBULE +
OFFICE
1/4" = 1'-0"



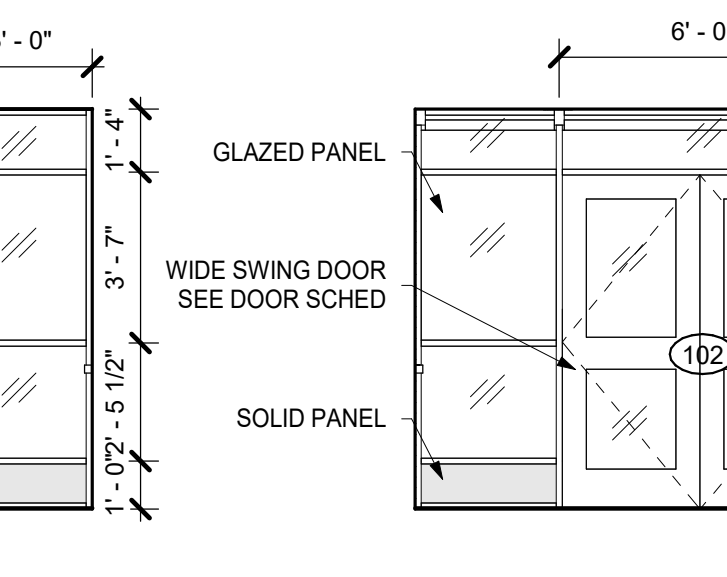
13 SECURITY VESTIBULE - WEST
1/4" = 1'-0"



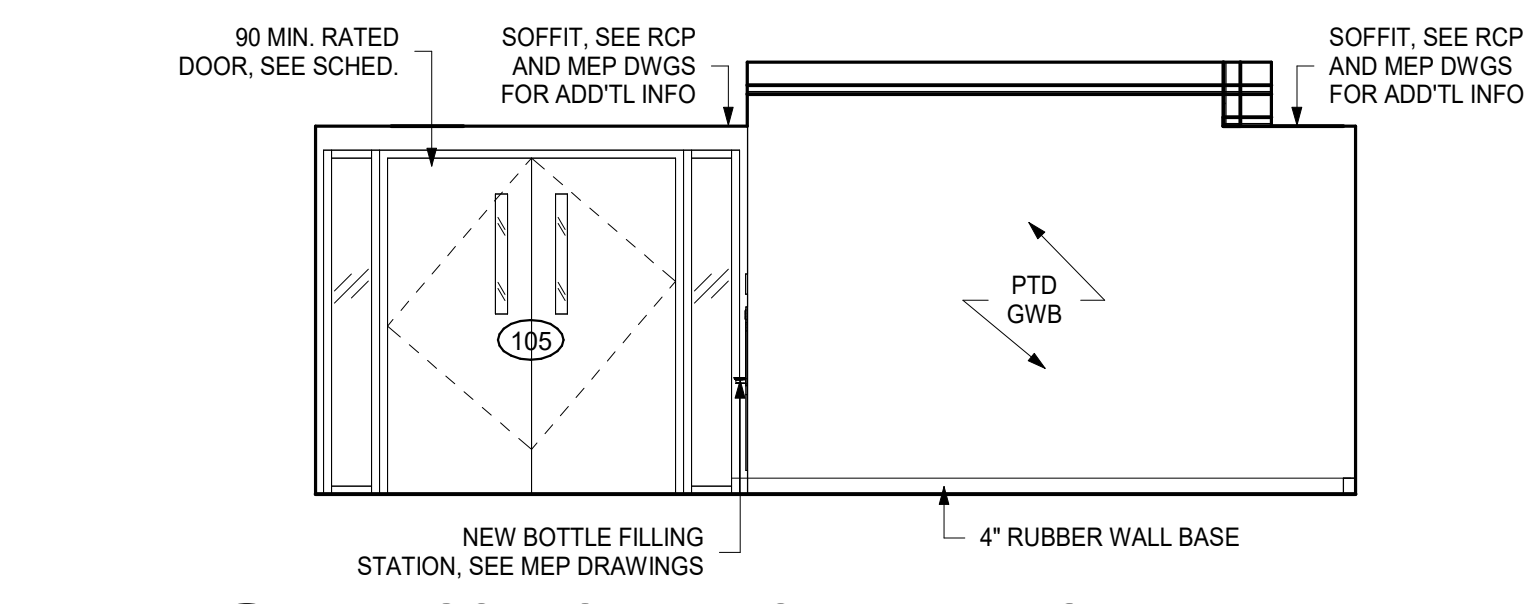
11 SECURITY VESTIBULE - EAST
1/4" = 1'-0"



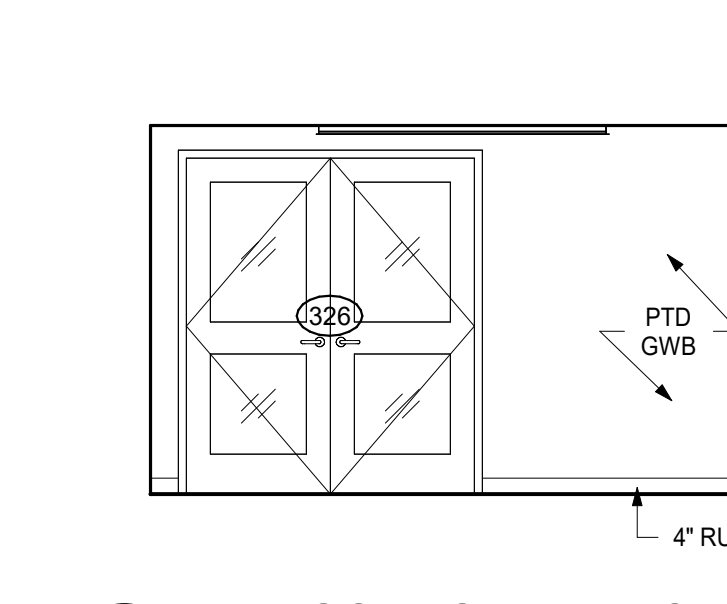
12 SECURITY VESTIBULE - SOUTH
1/4" = 1'-0"



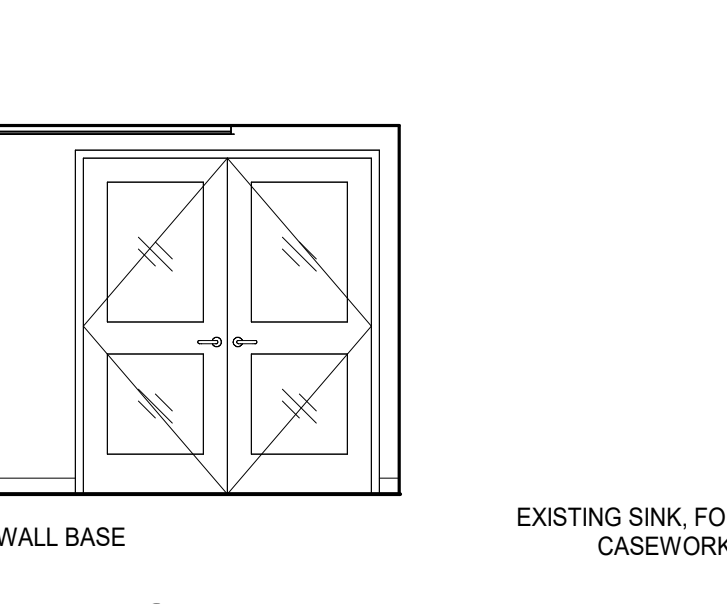
10 SECURITY VESTIBULE - NORTH
1/4" = 1'-0"



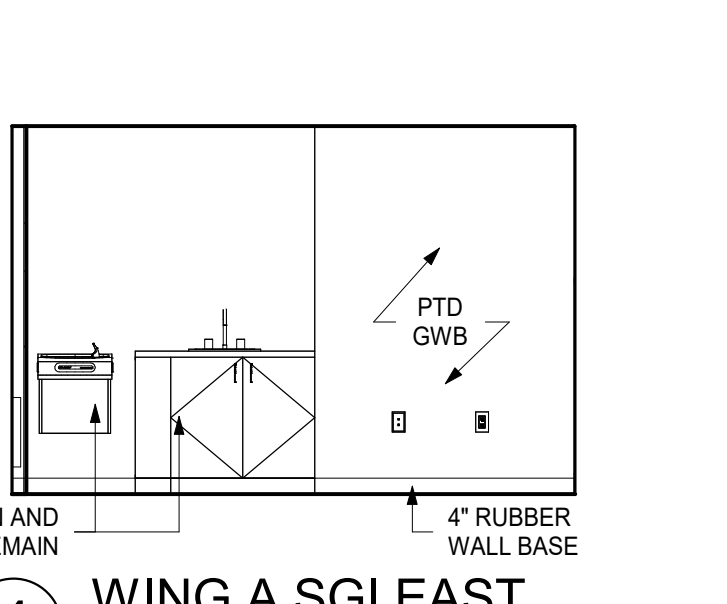
6 WINGSPACE A EAST ELEVATION
1/4" = 1'-0"



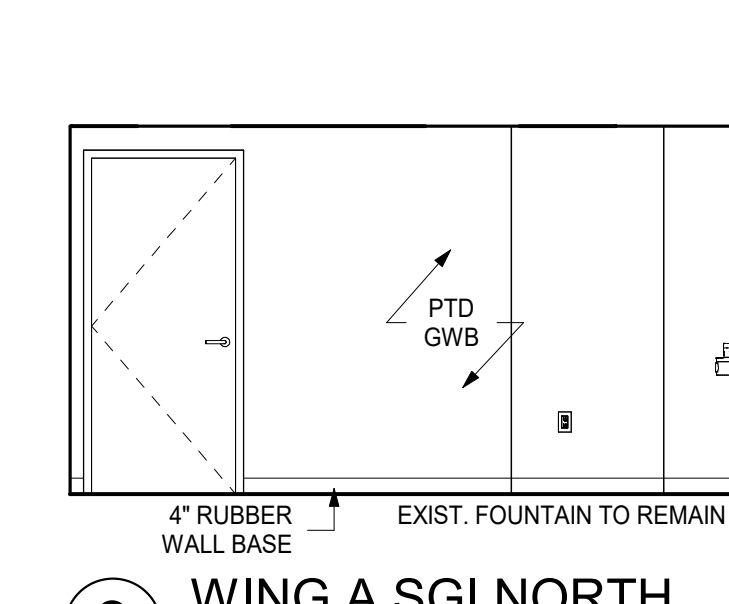
5 WINGSPACE A WEST ELEVATION
1/4" = 1'-0"



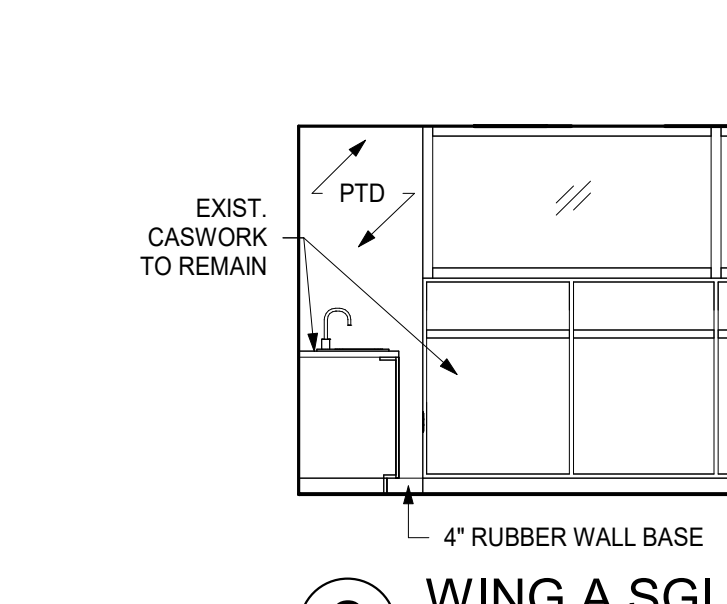
4 WING A SGI EAST
1/4" = 1'-0"



3 WING A SGI NORTH
1/4" = 1'-0"



2 WING A SGI SOUTH
1/4" = 1'-0"



1 WING A SGI WEST
1/4" = 1'-0"

**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

KATONAH-LEWISBORO
UFSD
185 SMITH RIDGE ROAD,
SOUTH SALEM, NY 10590



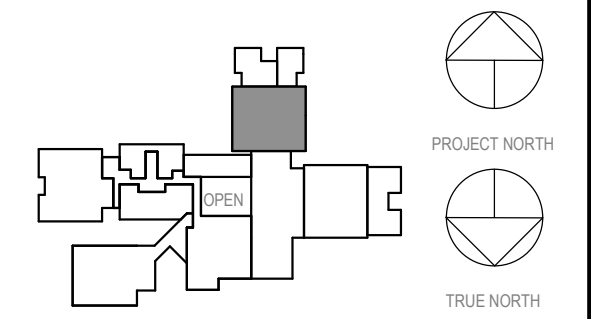
KG+D . ARCHITECTS PC
385 MAIN STREET MOUNT KISCO, NEW YORK 10549
P:914.666.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NUMBER
66-01-01-03-0-007-016

CONSTRUCTION DOCUMENTS -
ISSUED FOR BID

INTERIOR NOTES

- UNLESS OTHERWISE NOTED, ELECTRICAL OUTLETS & DATA OUTLETS ARE TO BE 18" (1"±) ON CENTER A.F.F. TYPICAL. EXCEPTION: ALL OUTLETS AT COUNTERTOPS ARE TO BE 42" (3'-6" A.F.F. TO THE BOTTOM OF THE OUTLET PLATE, TYP. SEE ELECTRICAL FOR MORE INFORMATION.
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- UNLESS EXPLICITLY NOTED, ALL FURNITURE IN THE LIBRARY SPACE IS MOVEABLE AND THE LAYOUT PRESENTED IS AN OPTION.
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03/22/2024	ISSUED FOR BID
09/01/2023	NYSED SUBMISSION
Job No.	Issue

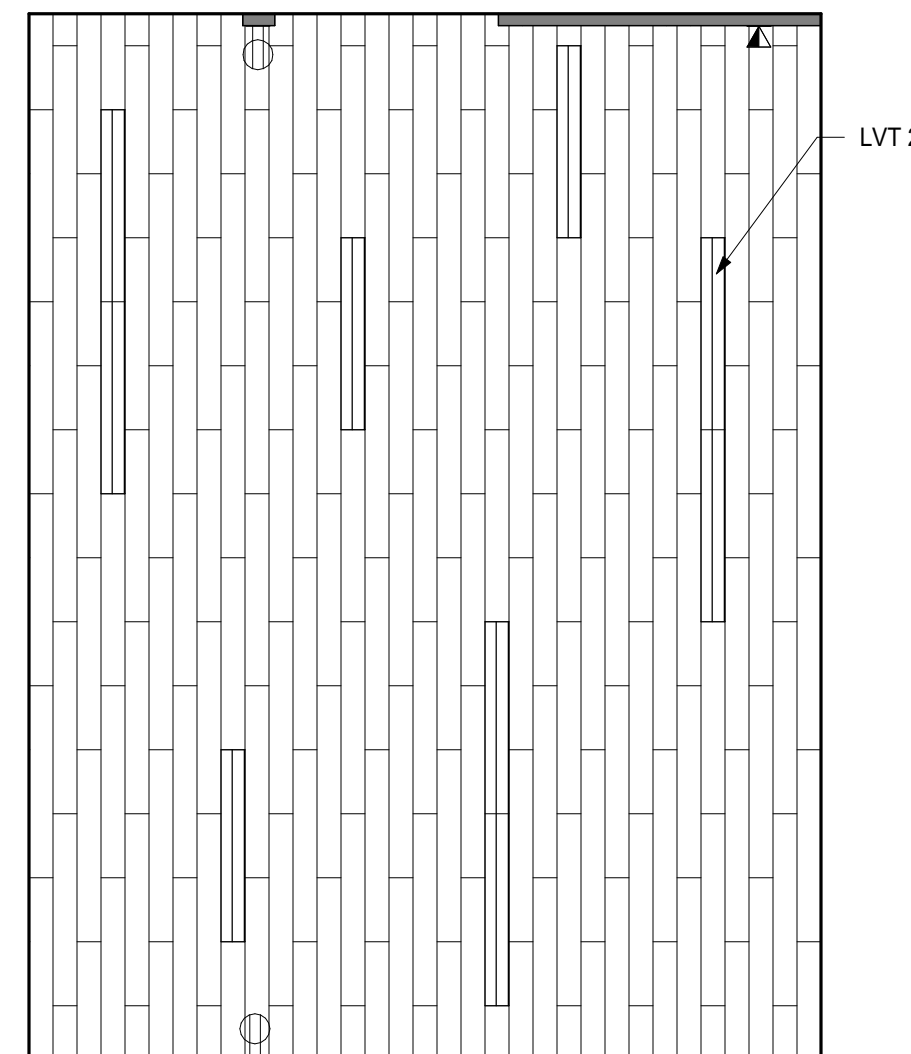
**WINGSACE B +
SGI + ART
OFFICE
ELEVATIONS**

Job No. 2023-1017 Date 03/12/2023
Scale AS NOTED Drawn / Checked RTM / RAD
Sheet Number

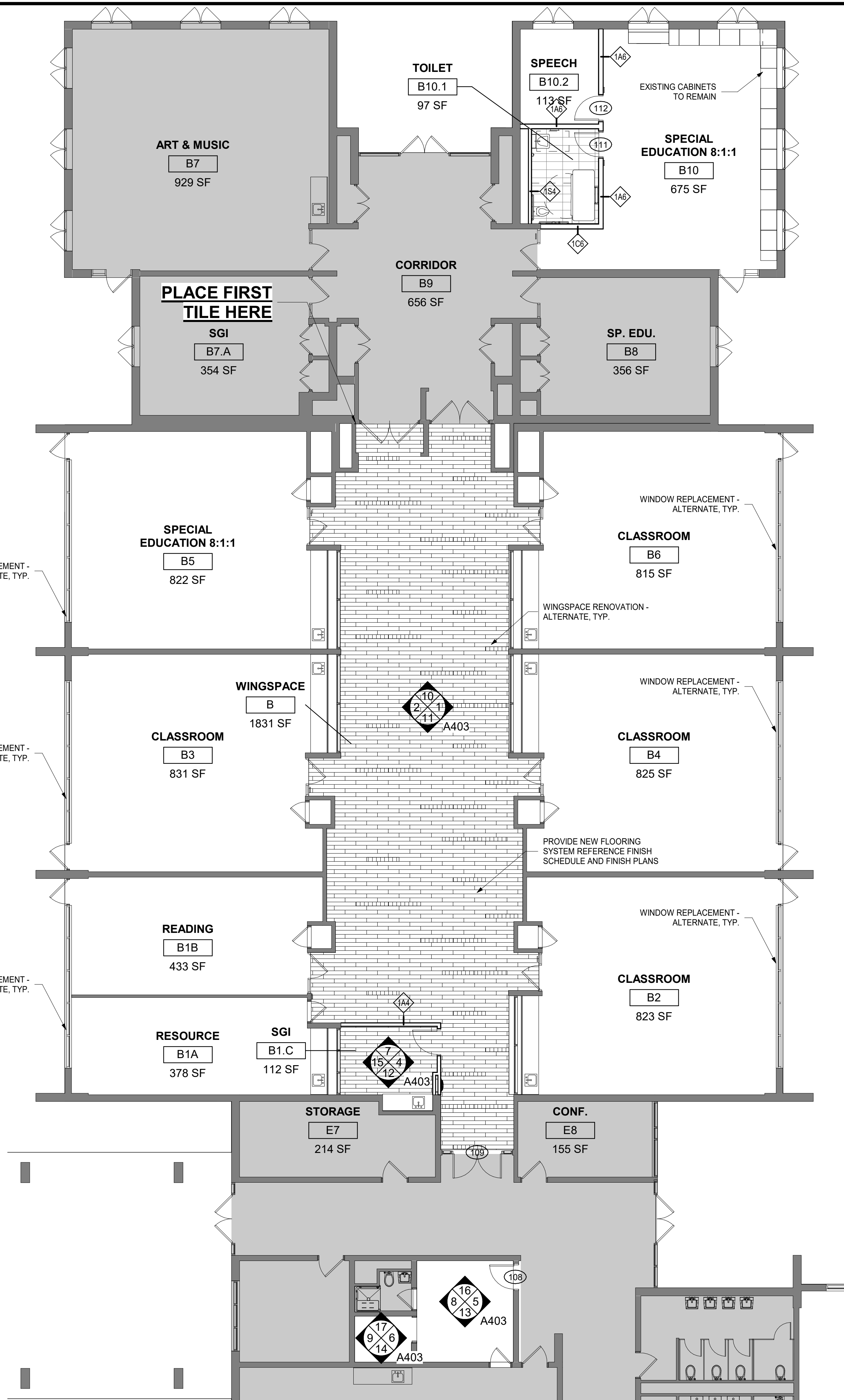
A403

NOTE:
* SEE TILE PATTERN LEGEND *
ADDITIONS + ALTERATIONS:
- WINGSACE B
- WINDOW REPLACEMENTS

WINGSACE + SGI FLOOR
FINISH LEGEND
LVT 1
LVT 2



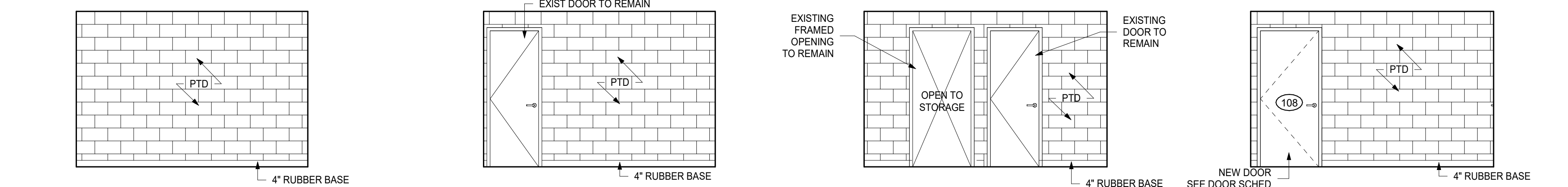
WINGSACE TILE PATTERN TO BE REPEATED EVERY 16'-6"



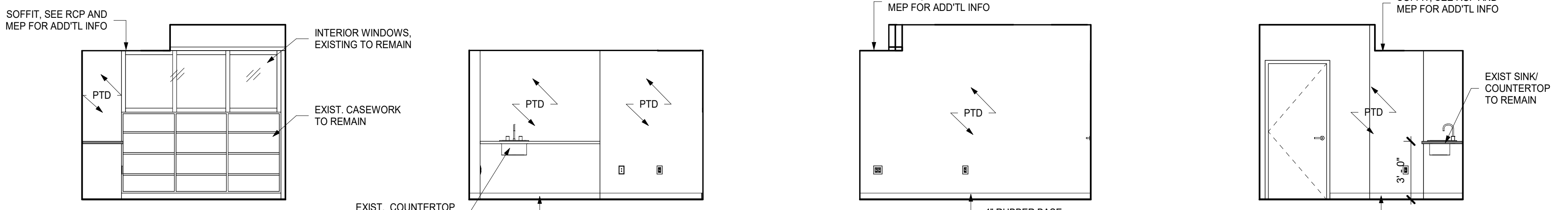
3 PARITAL - 1ST FLOOR WING B - ALTERNATE
1/8" = 1'-0"



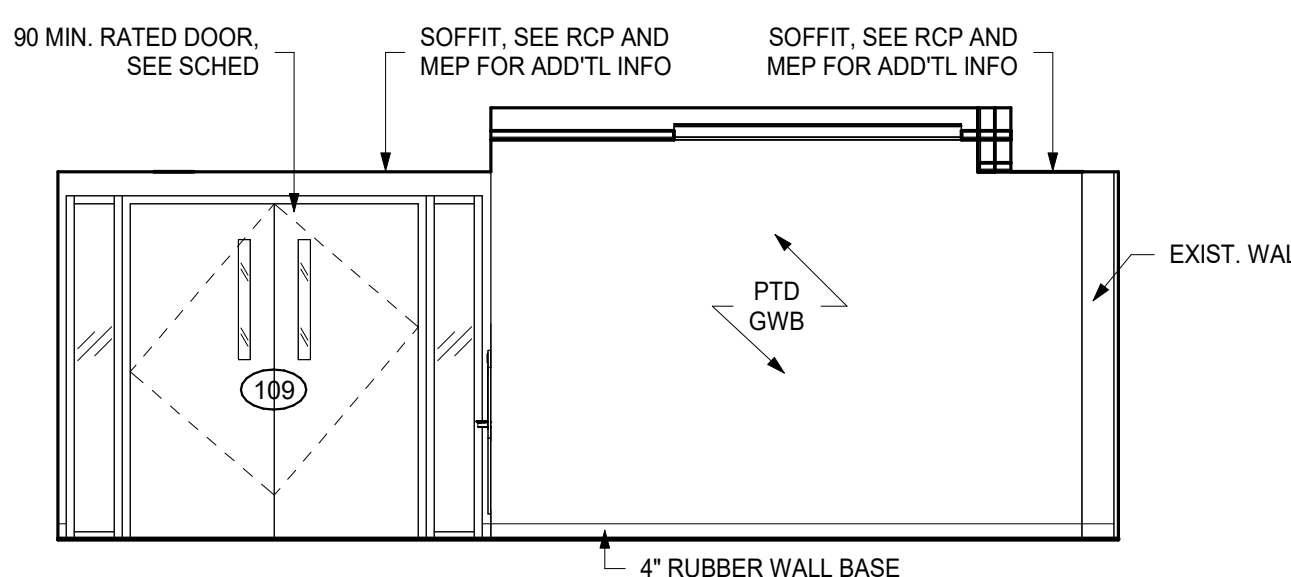
17 STORAGE - SOUTH ELEVATION 1/4" = 1'-0"
14 STORAGE - NORTH ELEVATION 1/4" = 1'-0"
9 STORAGE - EAST ELEVATION 1/4" = 1'-0"
6 STORAGE - WEST ELEVATION 1/4" = 1'-0"



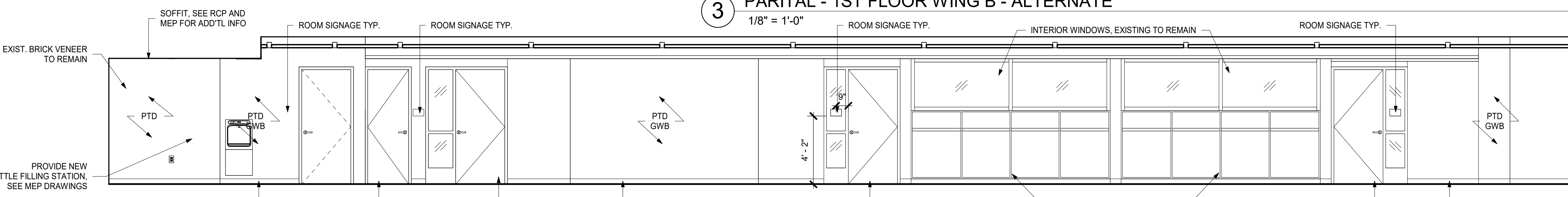
16 OFFICE - SOUTH ELEVATION 1/4" = 1'-0"
13 OFFICE - NORTH ELEVATION 1/4" = 1'-0"
8 OFFICE - EAST ELEVATION 1/4" = 1'-0"
5 OFFICE - WEST ELEVATION 1/4" = 1'-0"



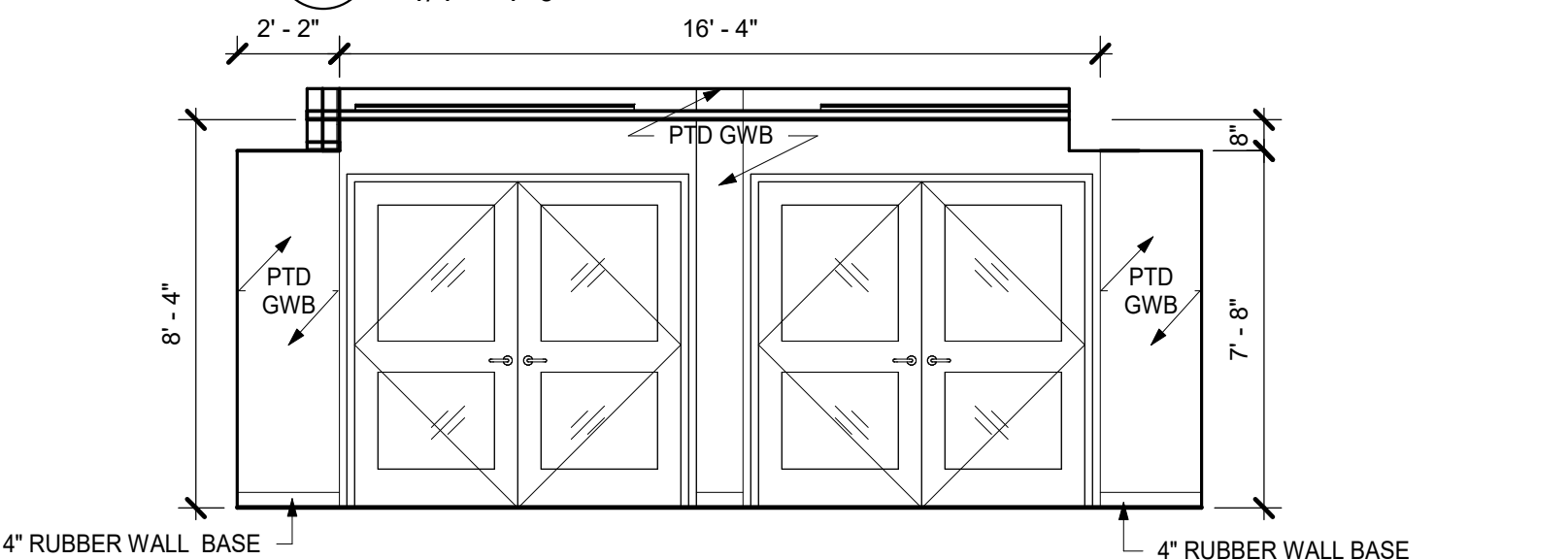
15 WING B SGI EAST 1/4" = 1'-0"
12 WING B SGI NORTH 1/4" = 1'-0"
7 WING B SGI SOUTH 1/4" = 1'-0"
4 WING B SGI WEST 1/4" = 1'-0"



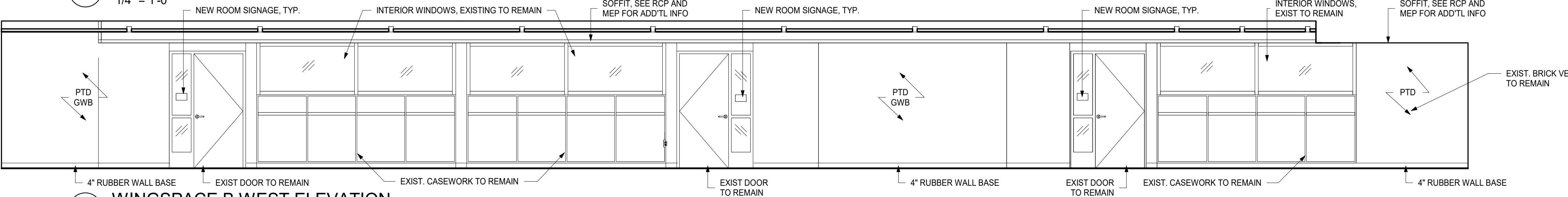
11 WINGSACE B NORTH ELEVATION
1/4" = 1'-0"



2 WINGSACE B EAST ELEVATION
1/4" = 1'-0"



10 WINGSACE B SOUTH ELEVATION
1/4" = 1'-0"



1 WINGSACE B WEST ELEVATION
1/4" = 1'-0"

**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

KATONAH-LEWISBORO
UFSD
185 SMITH RIDGE ROAD,
SOUTH SALEM, NY 10590



KG+D . ARCHITECTS PC
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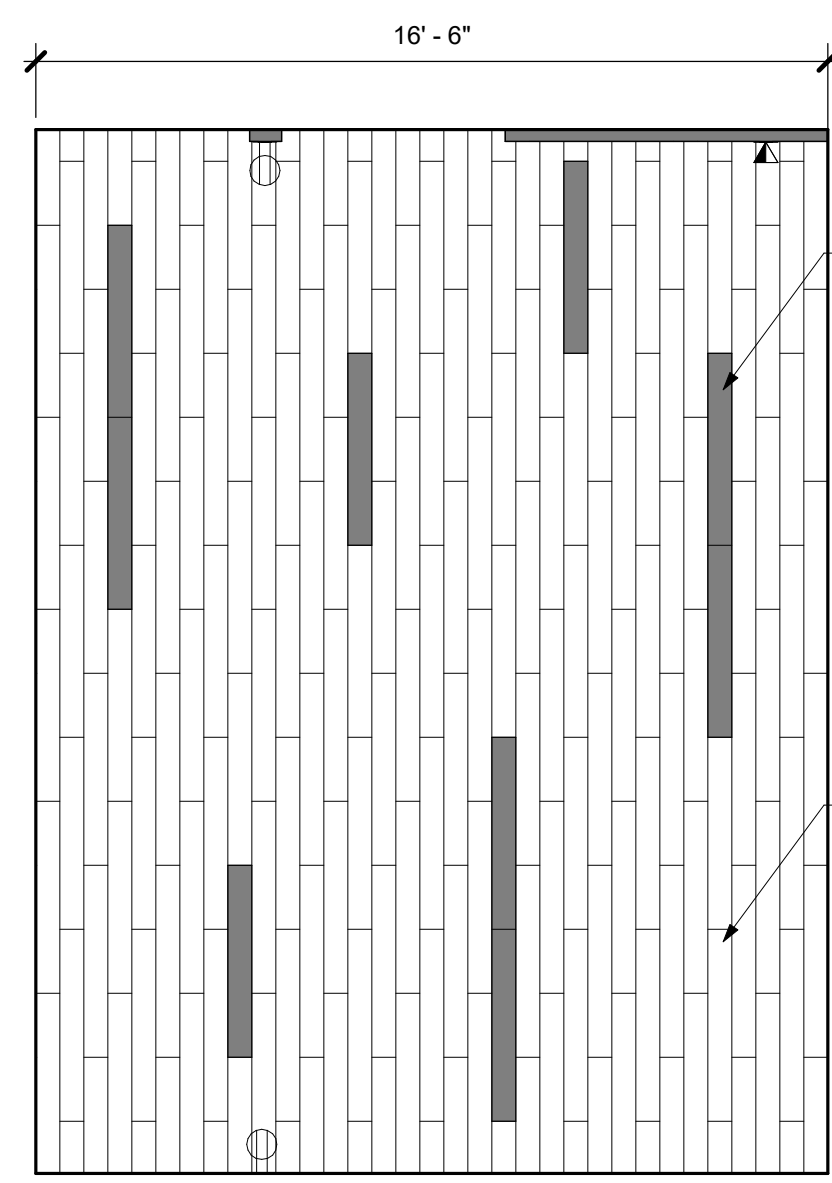
NY SED PROJECT CONTROL NUMBER

66-01-01-03-0-007-016

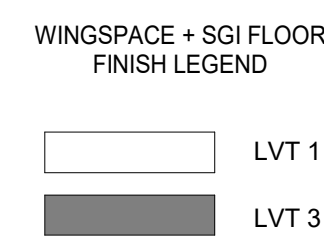
**CONSTRUCTION DOCUMENTS -
ISSUED FOR BID**

INTERIOR NOTES

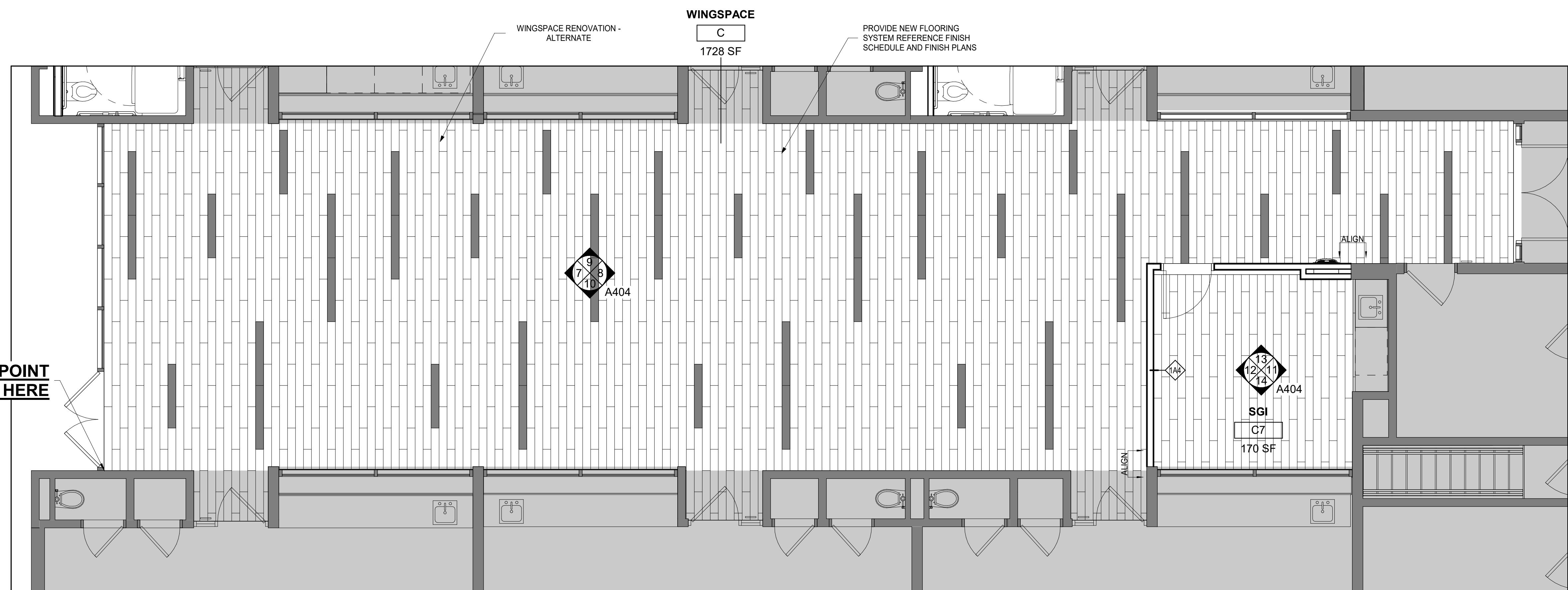
- 1 UNLESS OTHERWISE NOTED, ELECTRICAL OUTLETS & DATA OUTLETS ARE TO BE 18" (1'-0") ON CENTER A.F.F., TYPICAL. EXCEPTION: ALL OUTLETS AT COUNTERTOPS ARE TO BE 42" (3'-6") A.F.F. TO THE BOTTOM OF THE OUTLET PLATE, TYP. SEE ELECTRICAL FOR MORE INFORMATION.
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WINGSPACE TILE PATTERN TO BE REPEATED EVERY 16'-6"

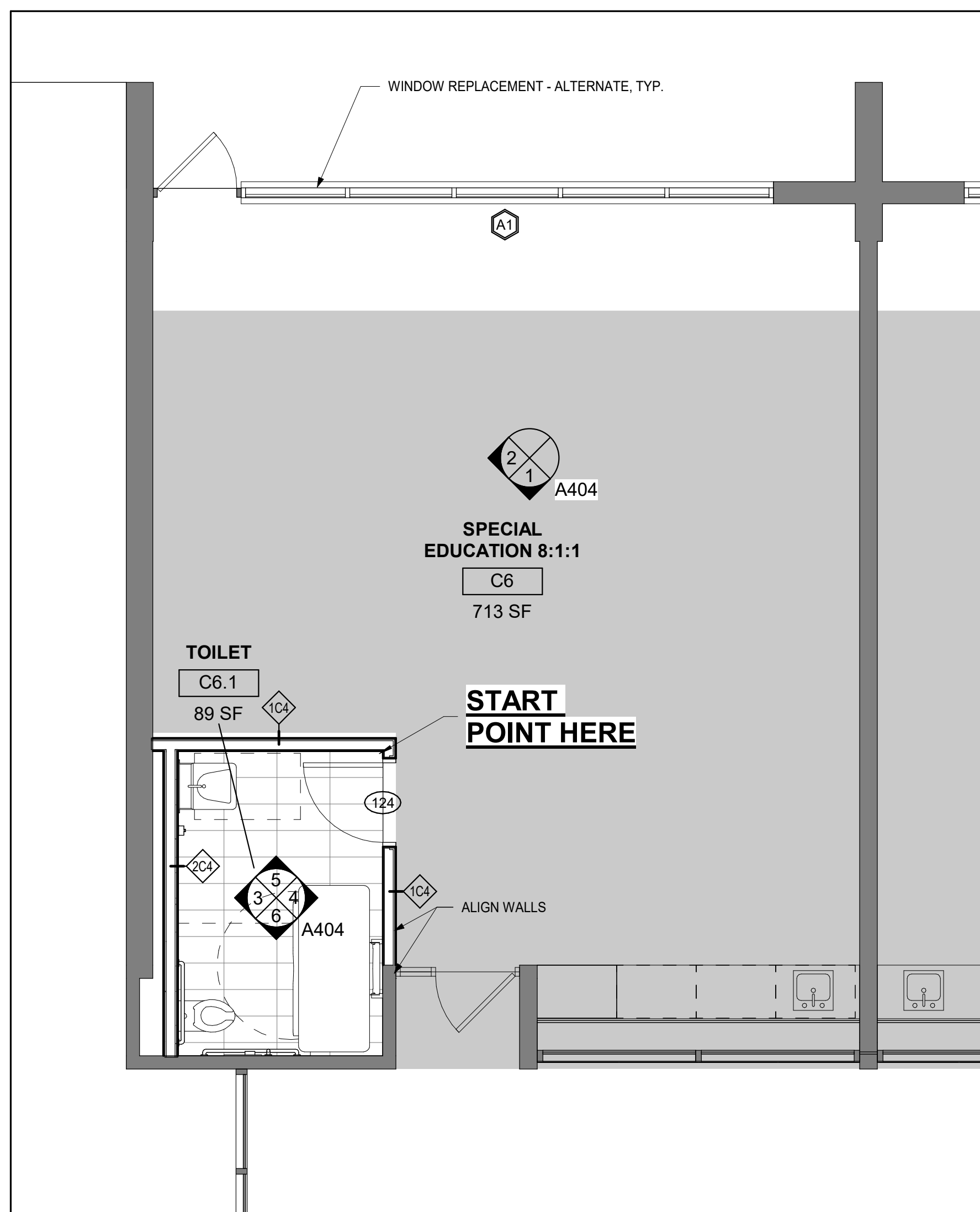


**START POINT
TILE HERE**

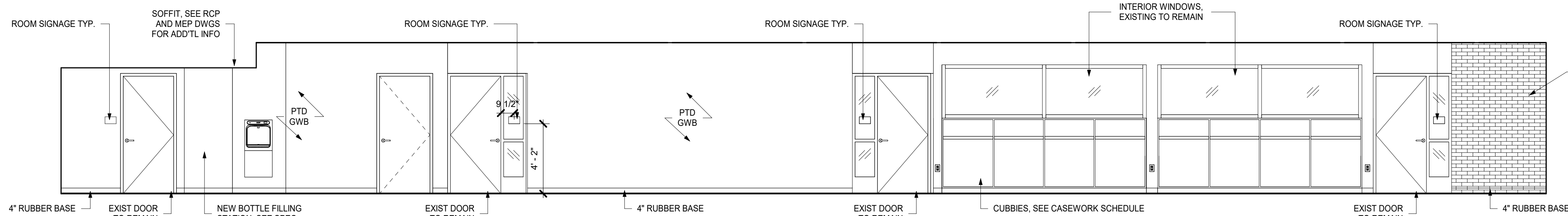


NOTE:
* SEE TILE PATTERN LEGEND *

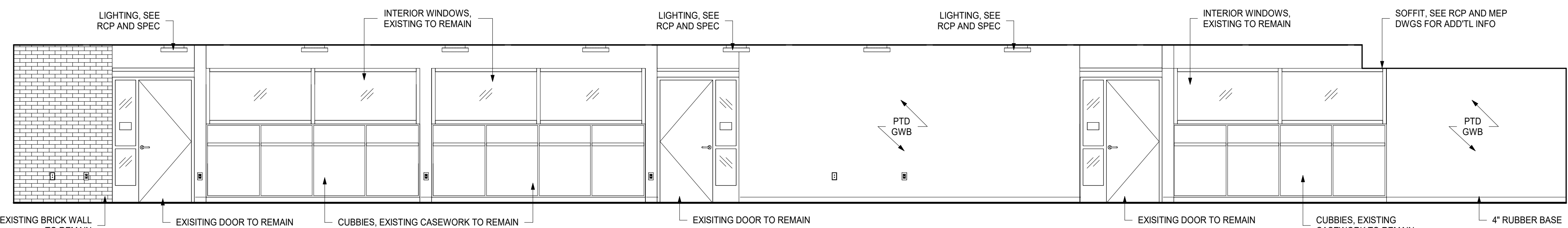
16 1ST FLOOR - WINGSPACE C - ALTERNATE + SGI
1/4" = 1'-0"



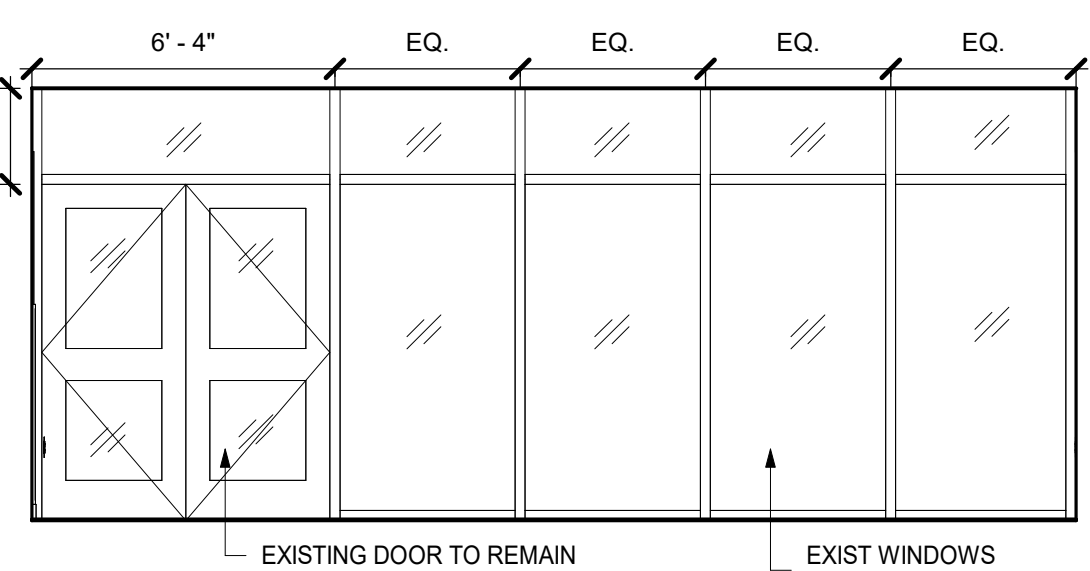
15 1ST FLOOR - C6 SPECIAL CLASSROOM
1/4" = 1'-0"



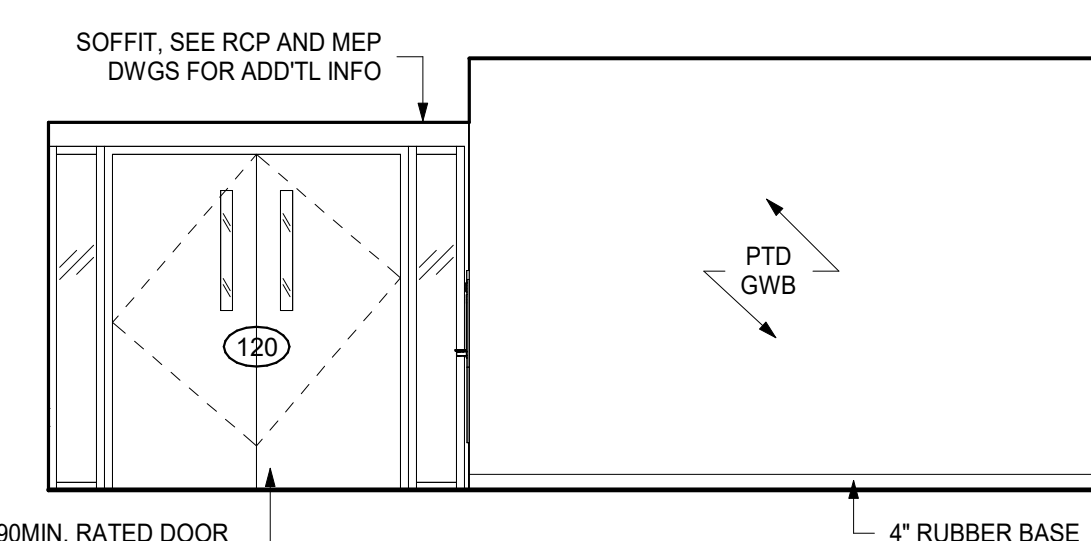
10 WINGSPACE C NORTH ELEVATION
1/4" = 1'-0"



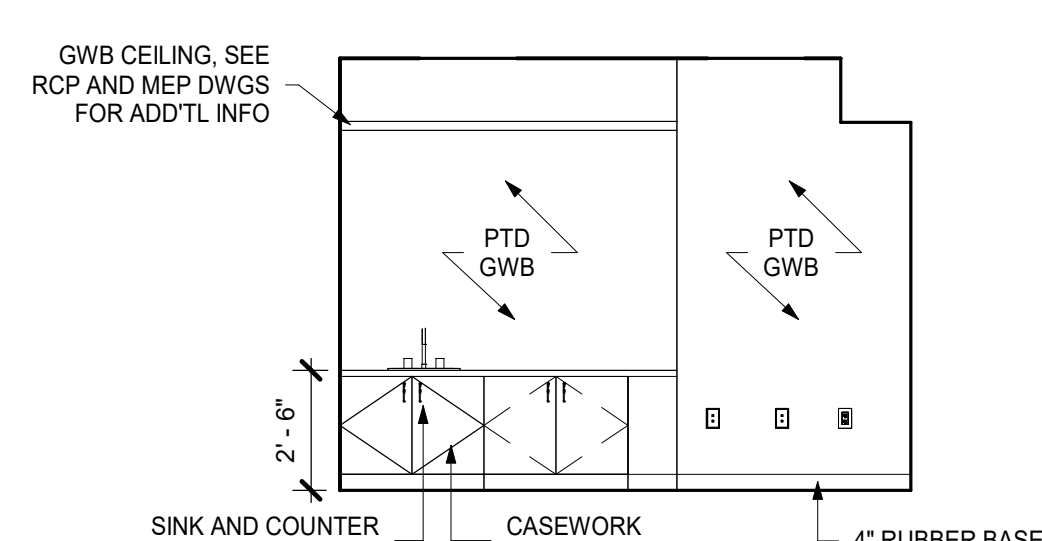
9 WINGSPACE C SOUTH ELEVATION
1/4" = 1'-0"



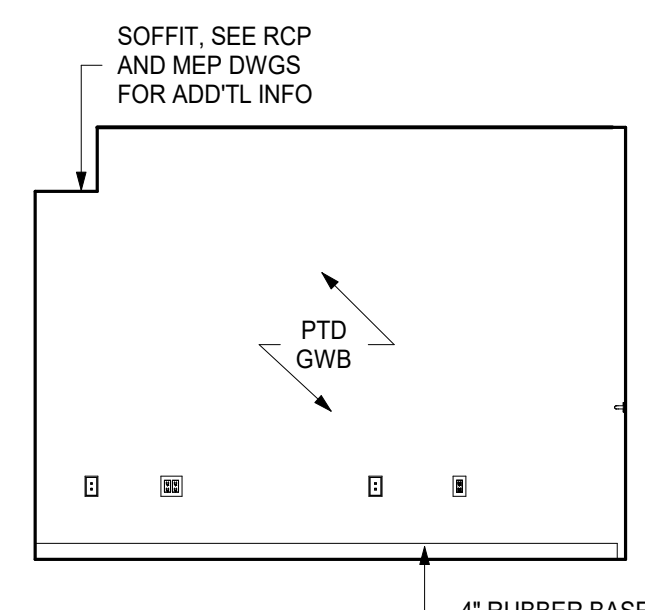
7 WINGSPACE C EAST ELEVATION
1/4" = 1'-0"



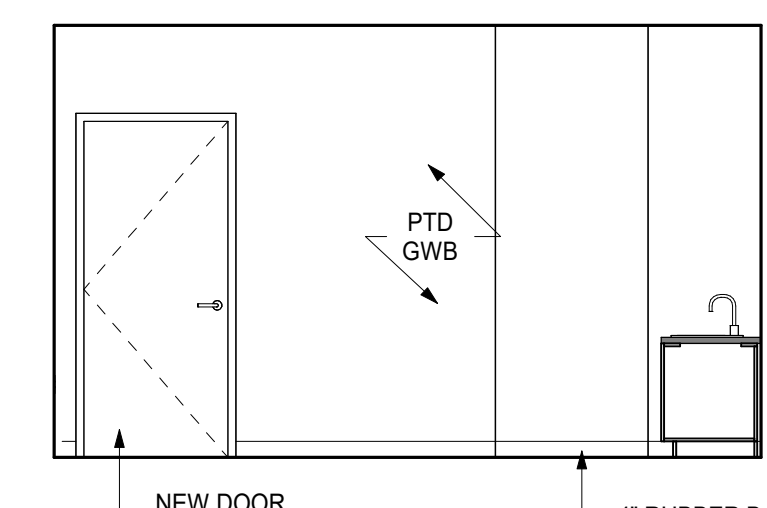
8 WINGSPACE C WEST ELEVATION
1/4" = 1'-0"



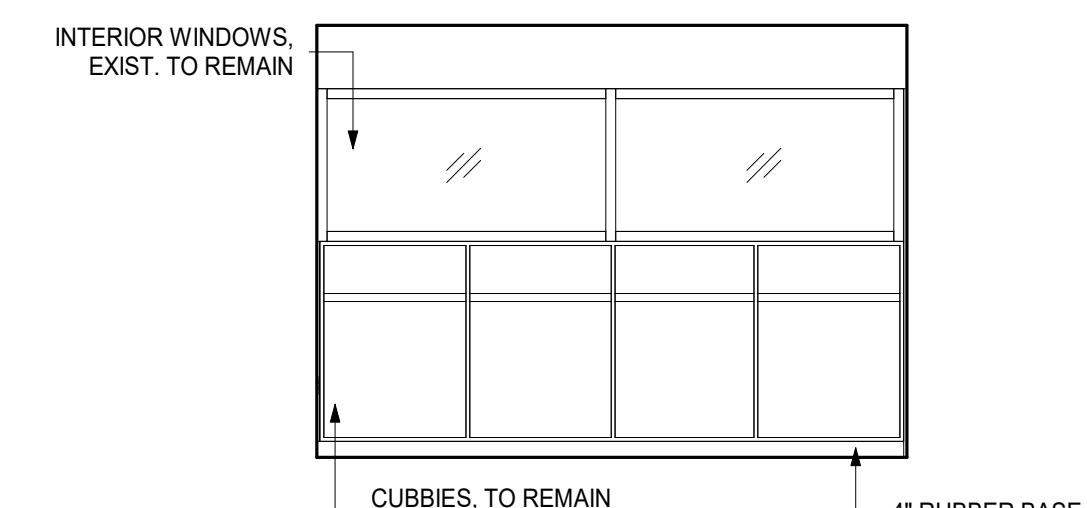
11 WING C SGI WEST
1/4" = 1'-0"



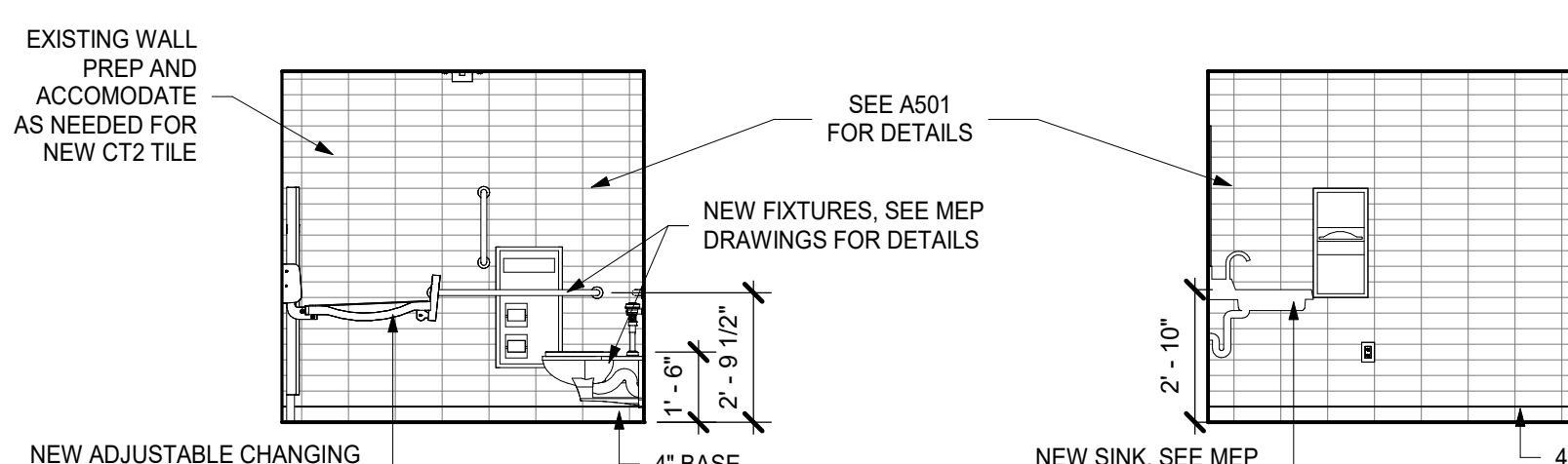
12 WING C SGI EAST
1/4" = 1'-0"



13 WING C SGI SOUTH
1/4" = 1'-0"

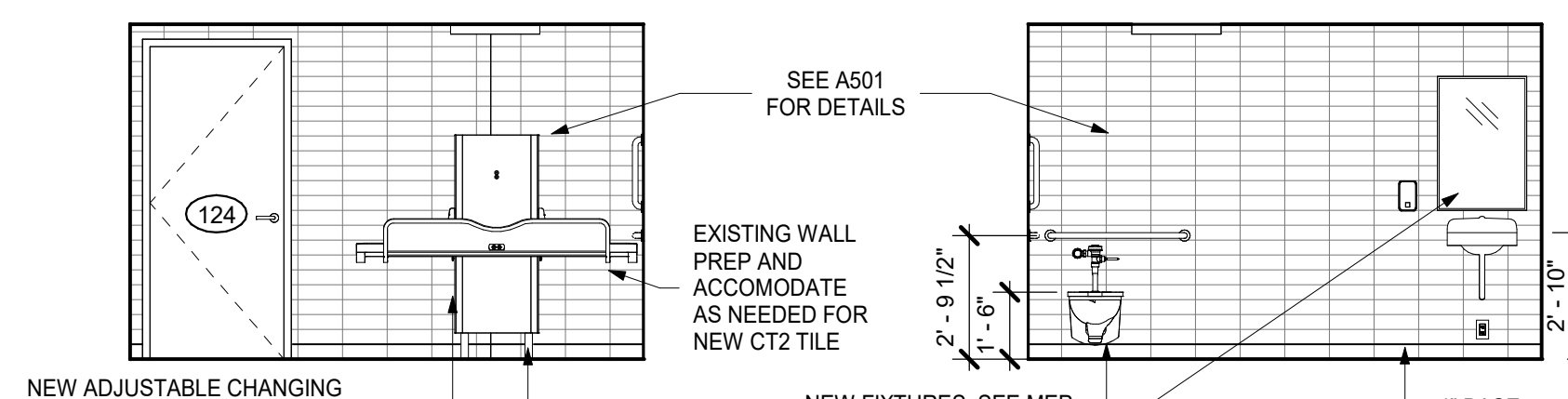


14 WING C SGI NORTH
1/4" = 1'-0"



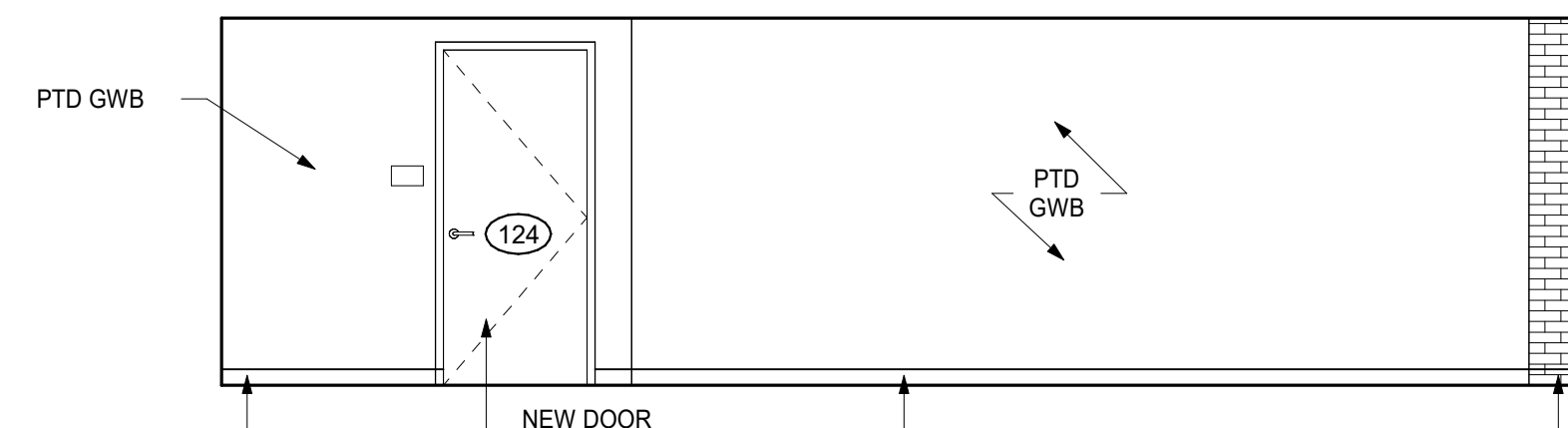
6 C6 TOILETROOM NORTH
1/4" = 1'-0"

5 C6 TOILETROOM SOUTH
1/4" = 1'-0"

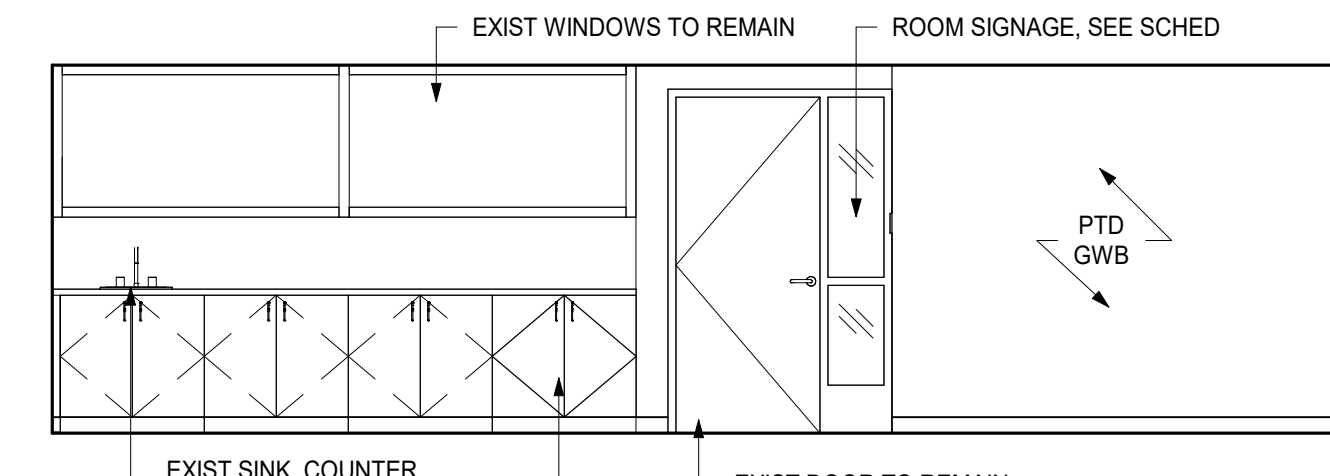


4 C6 TOILETROOM WEST
1/4" = 1'-0"

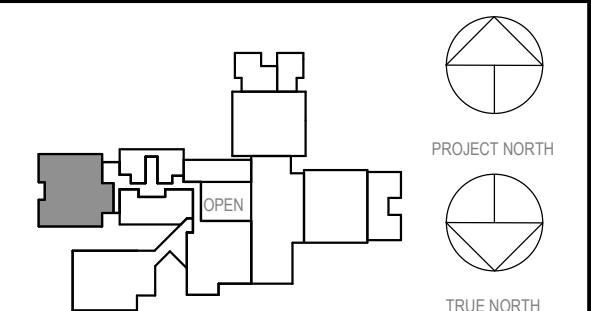
3 C6 TOILETROOM EAST
1/4" = 1'-0"



2 C6 CLASSROOM EAST ELEVATION
1/4" = 1'-0"



1 C6 CLASSROOM NORTH ELEVATION
1/4" = 1'-0"



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No.	Date	Issue
2	03.22.2024	ISSUED FOR BID
1	09.01.2023	NYSED SUBMISSION

**WINGSPACE C +
CLASSROOM +
SGI ELEVATIONS**

Job No. 2023-1017 Date 03/12/2023
Scale AS NOTED Drawn / Checked RTM / RAD
Sheet Number

A404

**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

KATONAH-LEWISBORO
UFSD
185 SMITH RIDGE ROAD,
SOUTH SALEM, NY 10590



385 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P:914.666.5900 KGDARCHITECTS.COM

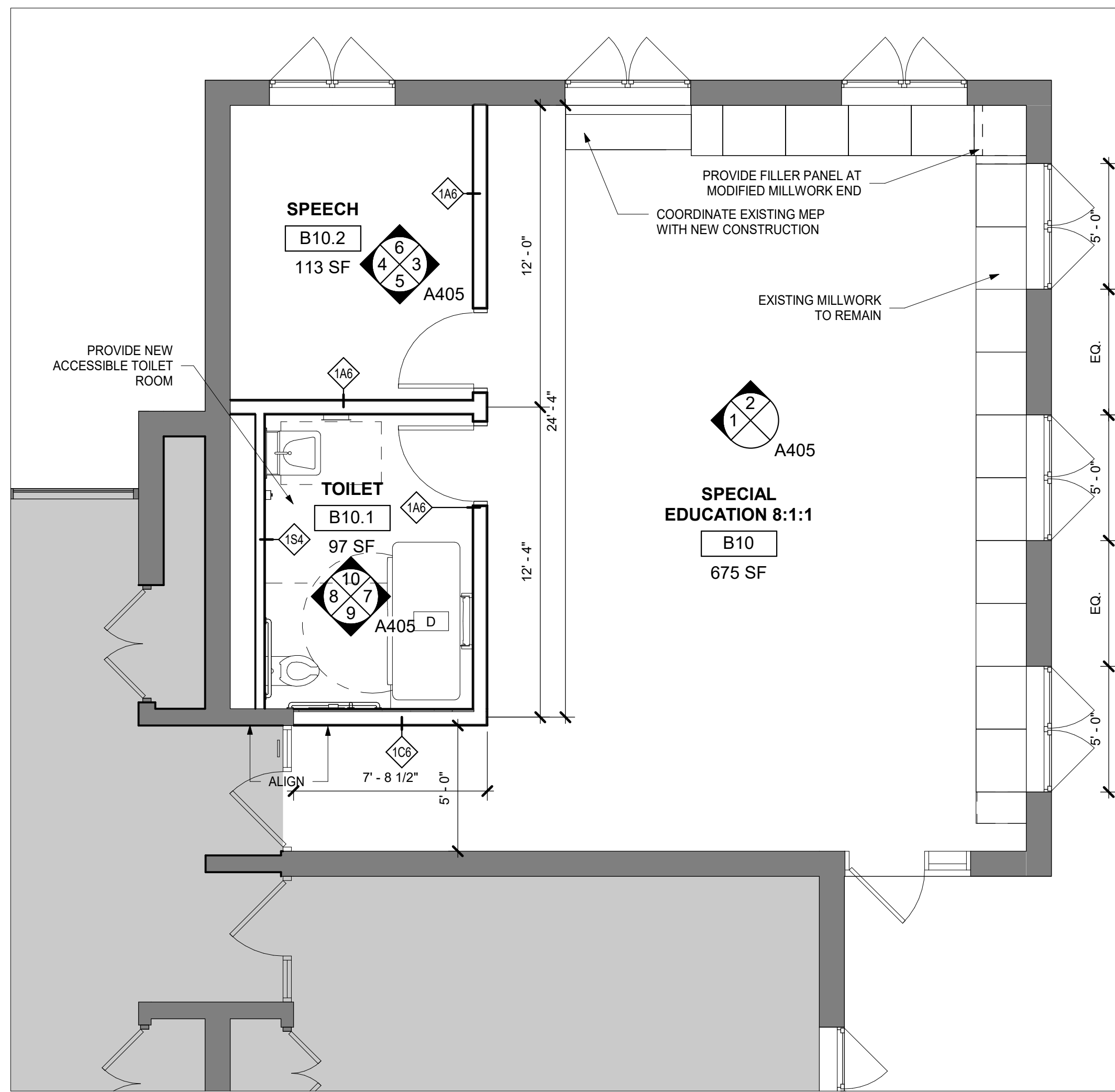
NY SED PROJECT CONTROL NUMBER

66-01-01-03-0-007-016

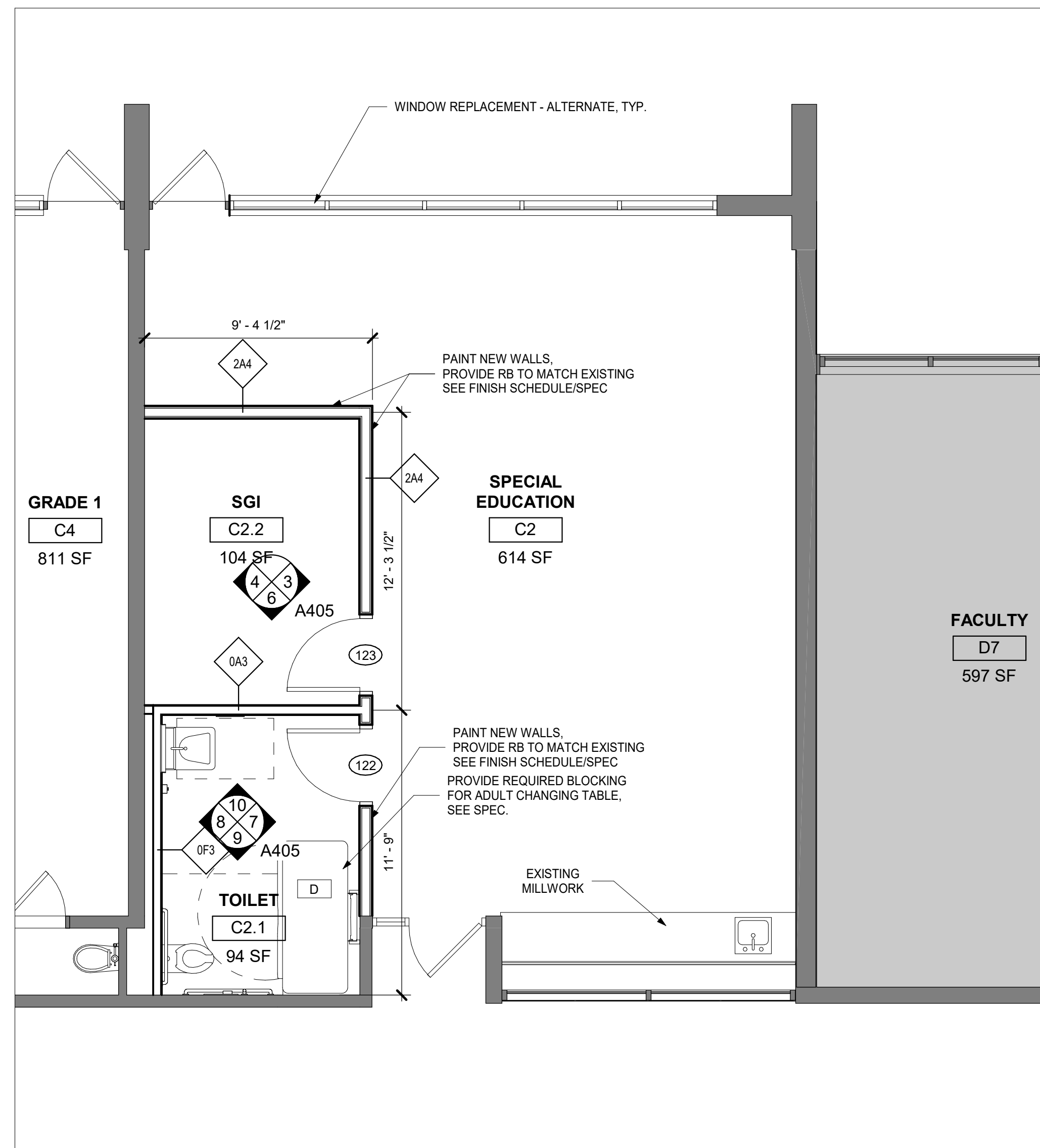
CONSTRUCTION DOCUMENTS -
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INTERIOR NOTES

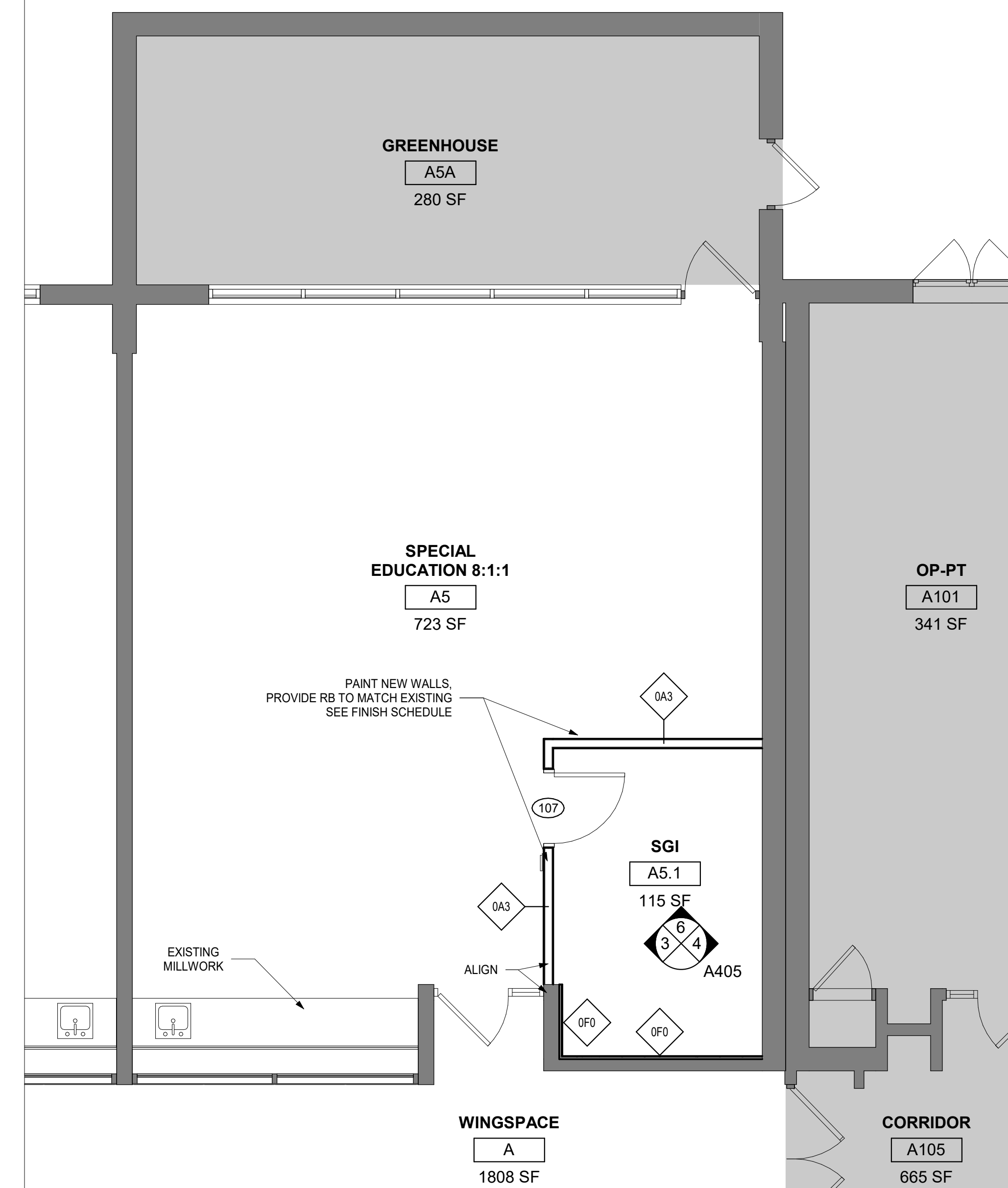
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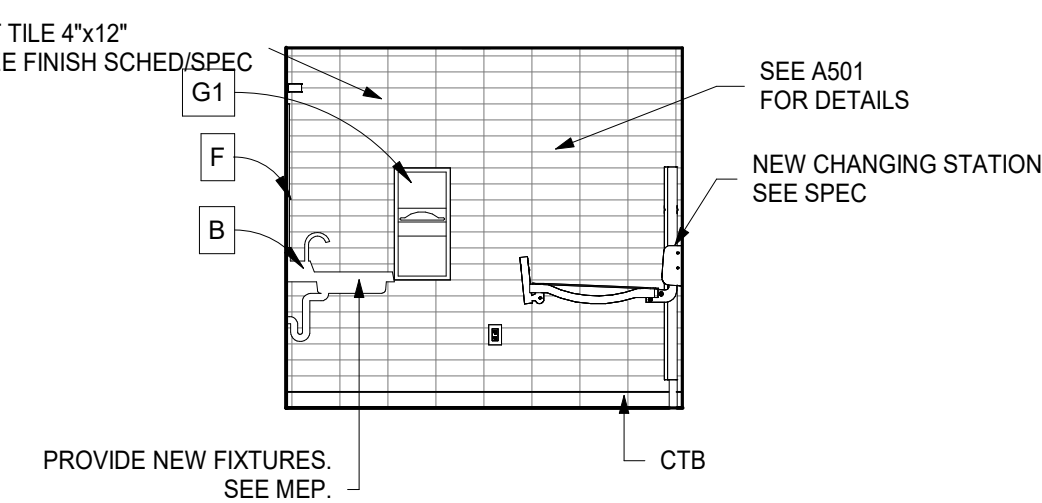
13 ENLARGED PLAN - CLASSROOM B10 - SGI - T
1/4" = 1'-0"



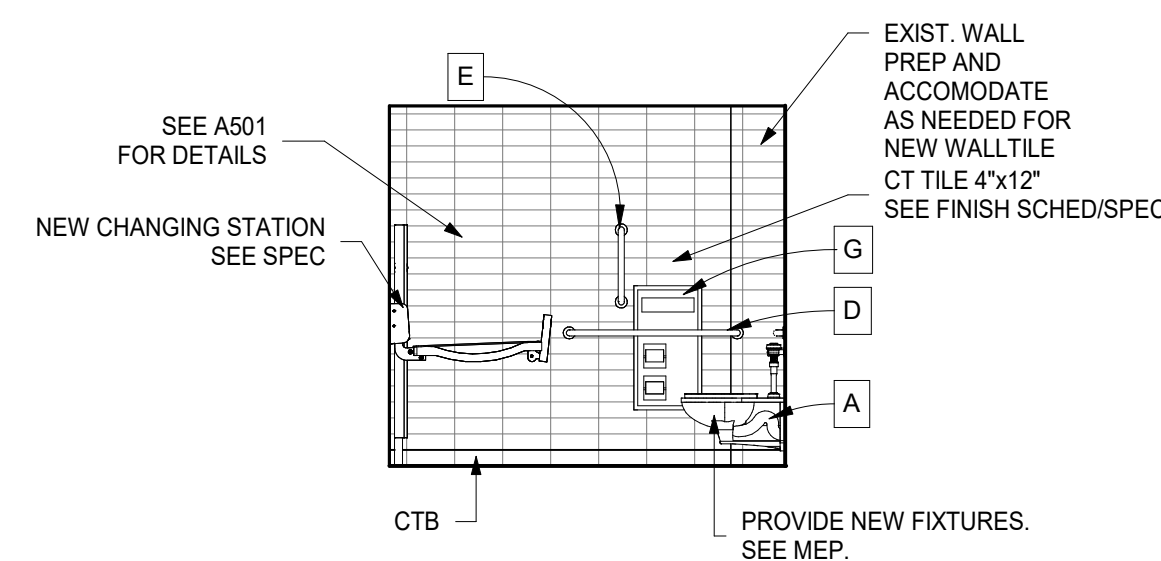
12 ENLARGED PLAN - CLASSROOM C2 ALTERATIONS
1/4" = 1'-0"



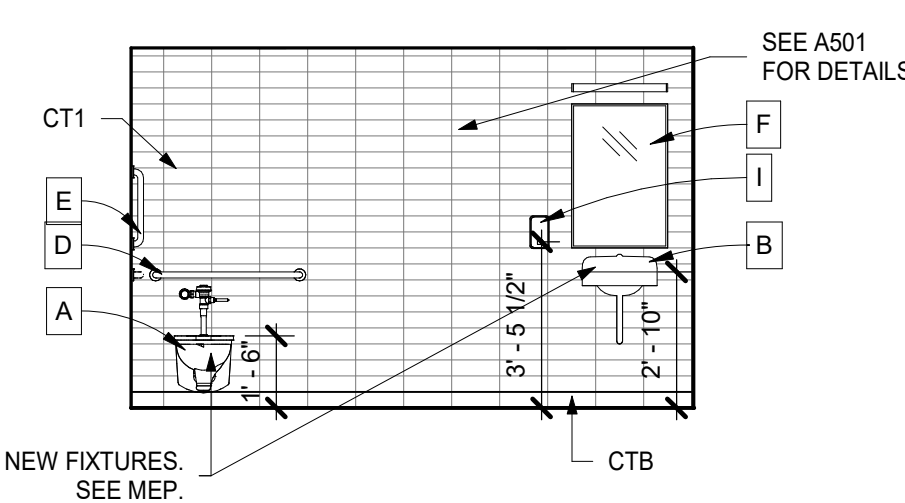
11 ENLARGED PLAN - CLASSROOM 8:1:1 ALTERATIONS
1/4" = 1'-0"



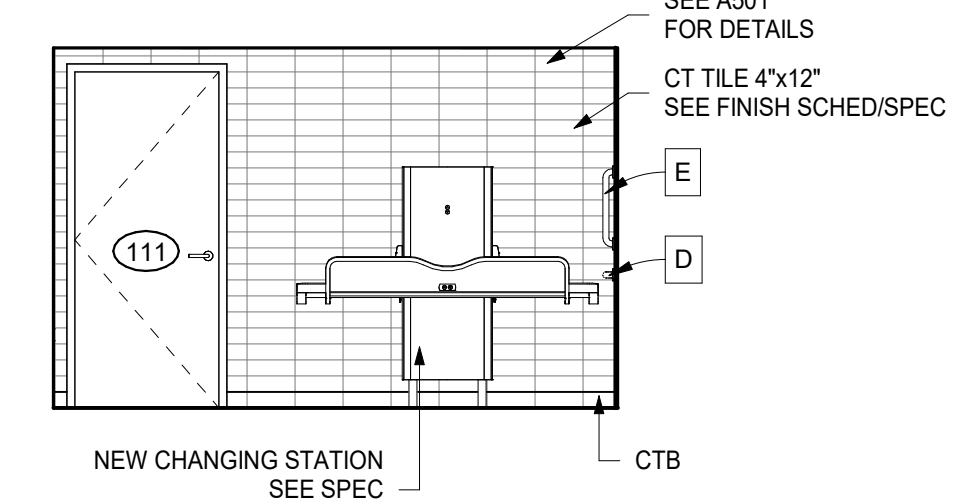
10 SPECIAL ED TOILET ROOM - SOUTH ELEVATION
1/4" = 1'-0"



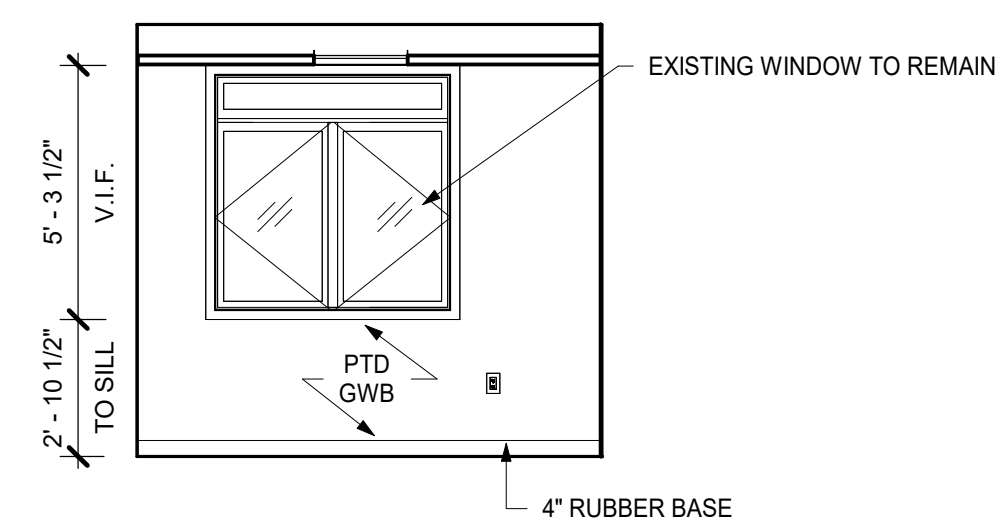
9 SPECIAL ED TOILET ROOM - NORTH ELEVATION
1/4" = 1'-0"



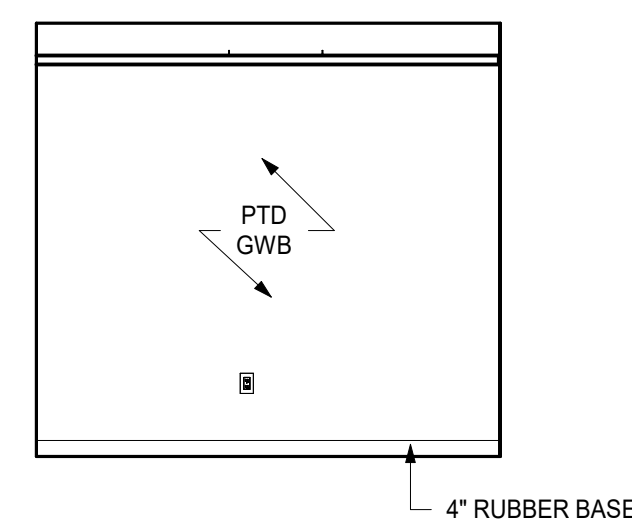
8 SPECIAL ED TOILET ROOM - EAST ELEVATION
1/4" = 1'-0"



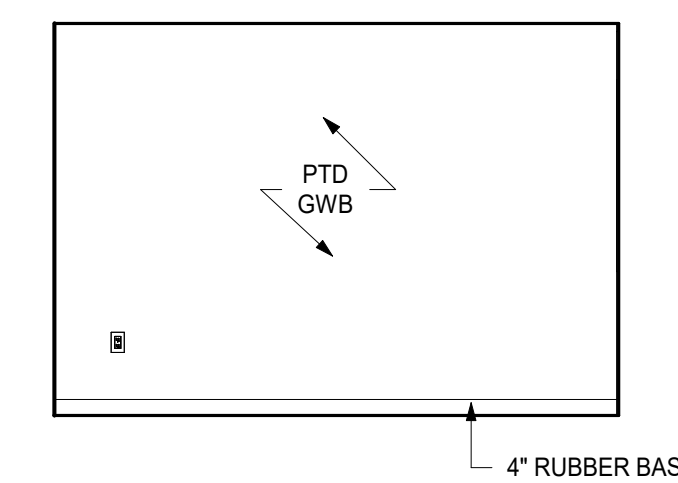
7 SPECIAL ED TOILET ROOM - WEST ELEVATION
1/4" = 1'-0"



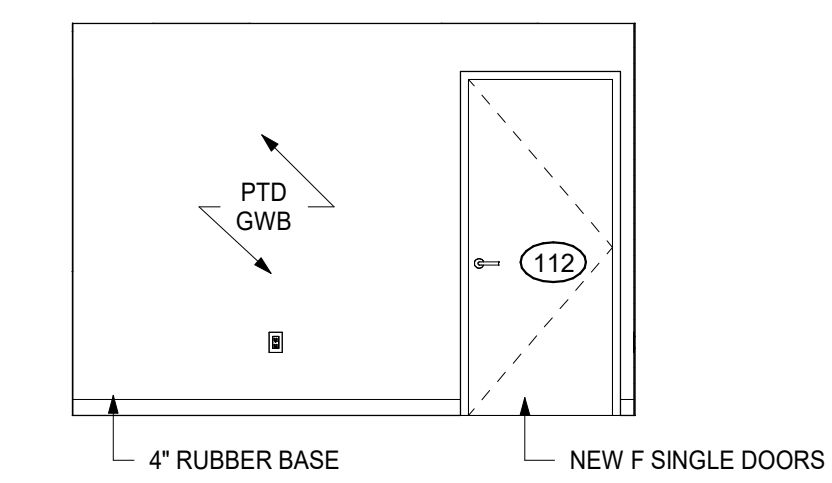
6 SPECIAL ED SPEECH - SOUTH ELEVATION
1/4" = 1'-0"



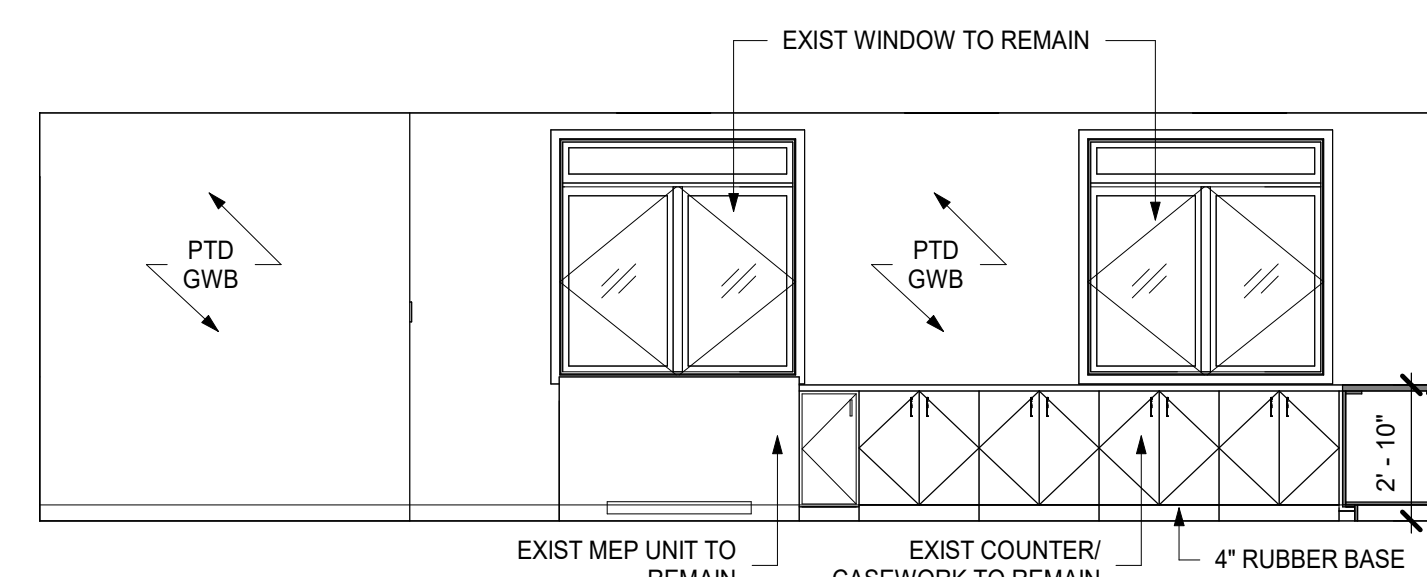
5 SPECIAL ED SPEECH - NORTH ELEVATION
1/4" = 1'-0"



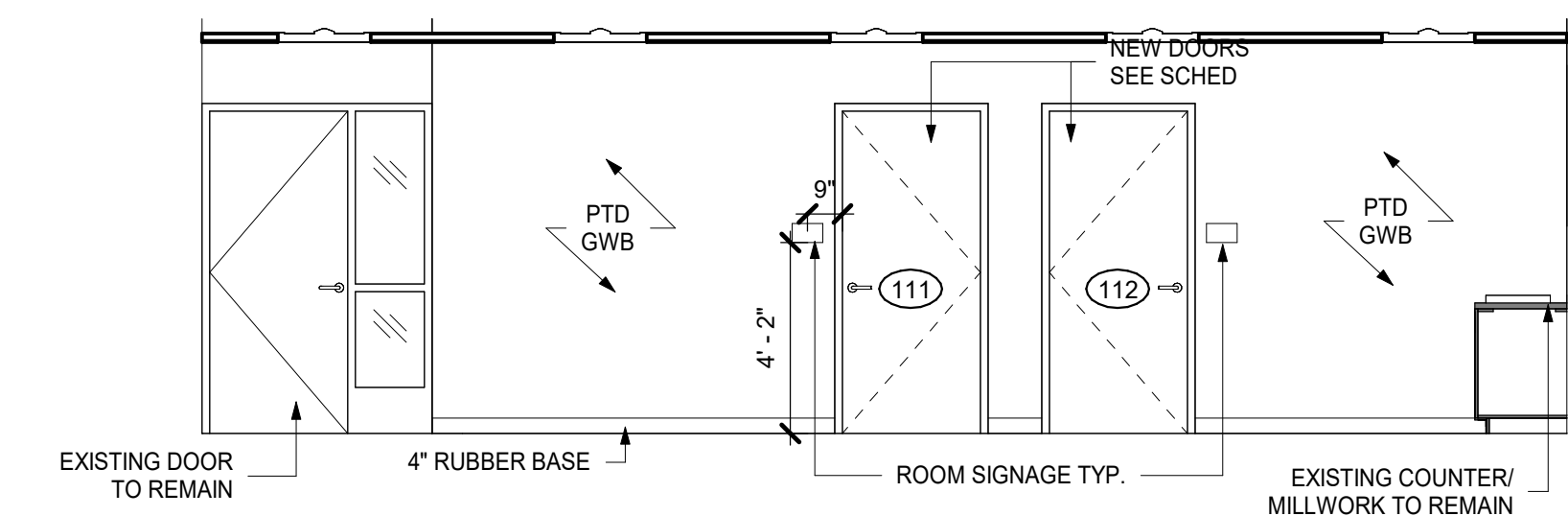
4 SPECIAL ED SPEECH - EAST ELEVATION
1/4" = 1'-0"



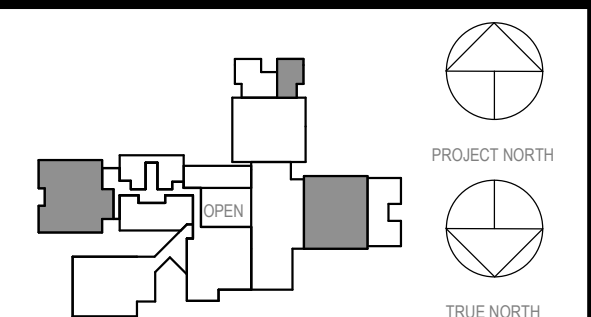
3 SPECIAL ED SPEECH - WEST ELEVATION
1/4" = 1'-0"



2 SPECIAL EDUCATION - SOUTH ELEVATION
1/4" = 1'-0"



1 SPECIAL EDUCATION - EAST ELEVATION
1/4" = 1'-0"



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2	03.22.2024	ISSUED FOR BID
1	09.01.2023	NYSVED SUBMISSION

Sheet Title

**SPECIAL
EDUCATION + SGI
+ TOILET**

Job No. 2023-1017 Date 03/12/2023

Scale AS NOTED Drawn / Checked RTM / RAD

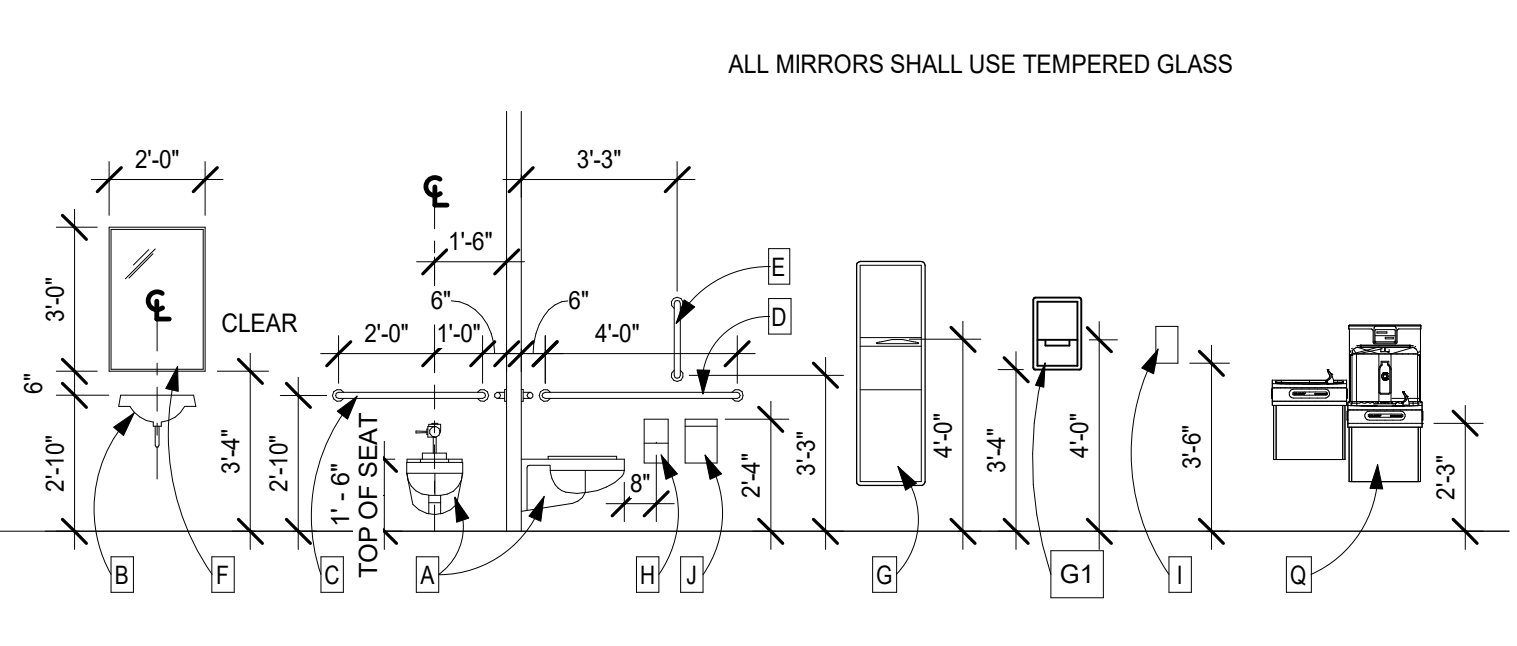
Sheet Number

A405

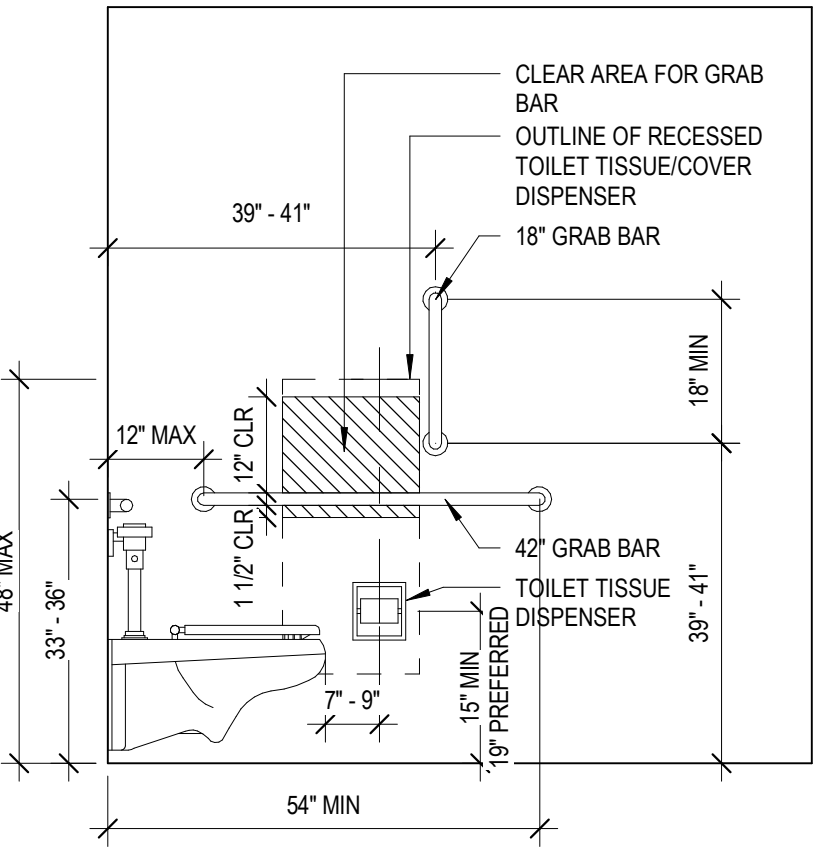
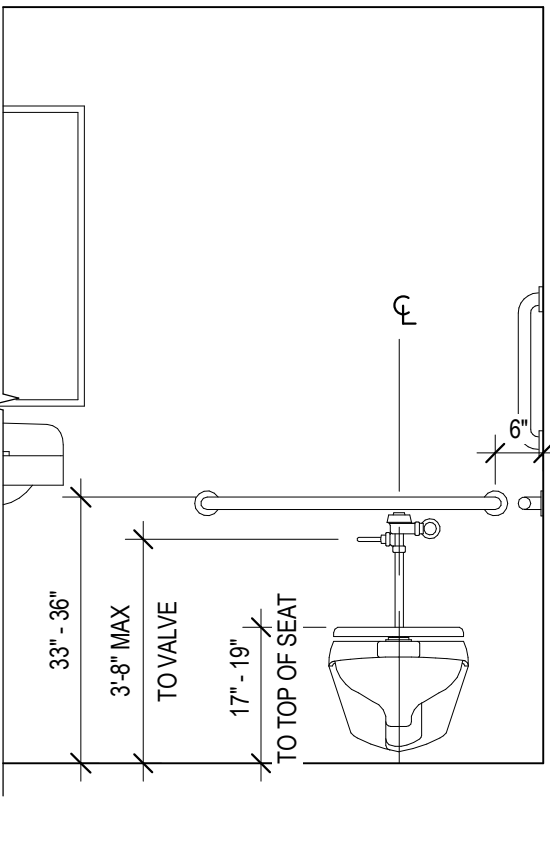
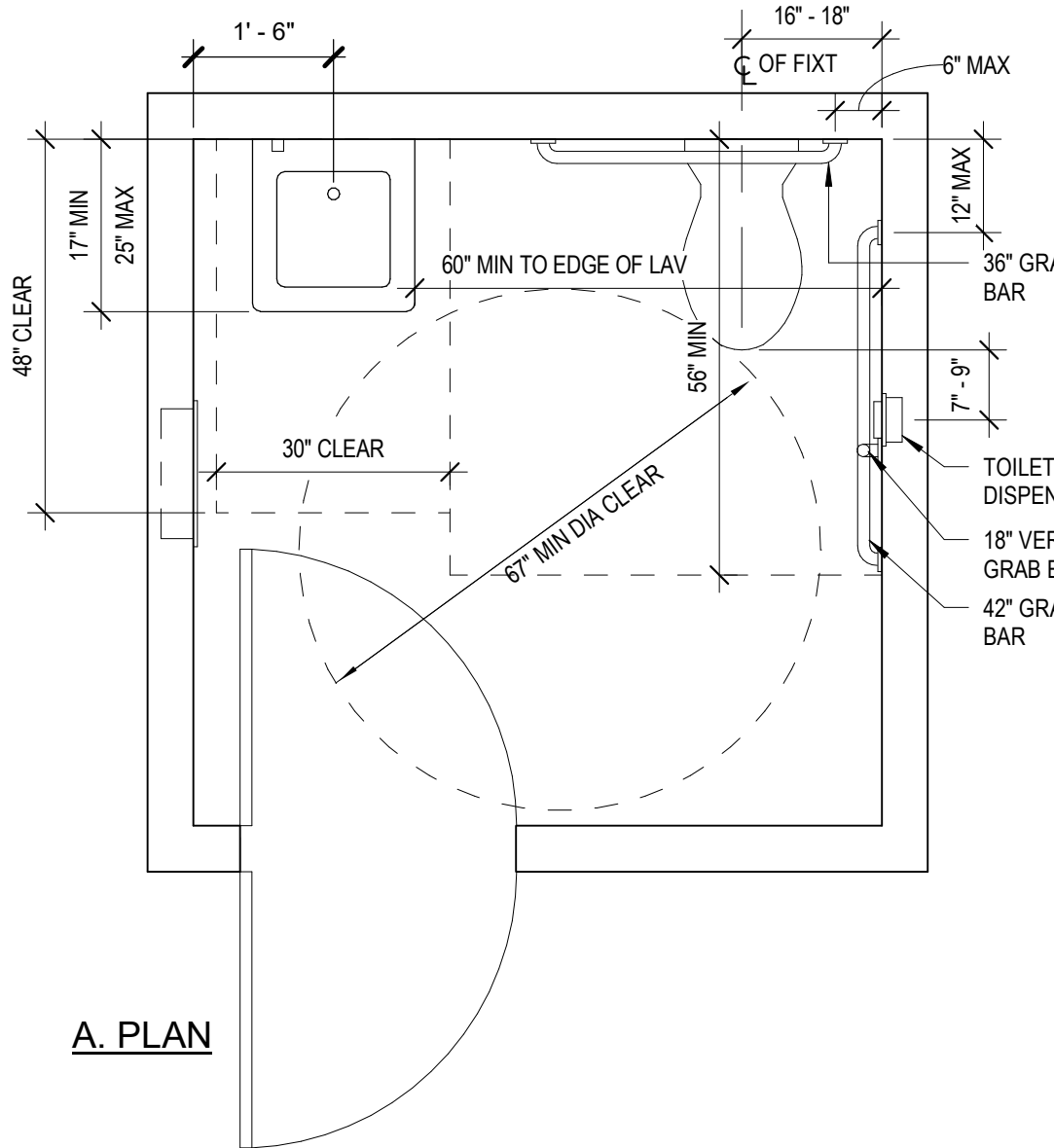
NOTE: ACCESSORIES G1, H, I, J & J ARE SUPPLIED BY OWNER, INSTALLED BY GC.

- A ADA WALL-HUNG TOILET
B LAVATORY
C REAR TOILET GRAB BAR
D SIDE TOILET GRAB BAR
E SIDE TOILET VERTICAL GRAB BAR
F WALL MIRROR w/ FRAME
G RECESSED TOWEL DISPENSER / WASTE RECEPTACLE
H HAND TOWEL ROLL DISPENSER

- H TOILET PAPER ROLL DISPENSER
I LIQUID SOAP DISPENSER
J SANITARY DISPOSAL
K STANDARD WALL-HUNG TOILET
L STANDARD WALL-HUNG URINAL
M URINAL SCREEN
N ADACHILD WALL-HUNG URINAL
O COAT HOOK
P FLOOR MOUNTED OVERHEAD BRACED TOILET PARTITION
Q WALL-HUNG BI-LEVEL DRINKING FOUNTAIN



SEE SPECIFICATION FOR TOILET ACCESSORY SCHEDULE - BLOCKING & ALL OTHER COMPONENTS BY G.C.



MOUNTING HEIGHTS AND CLEARANCES FOR SINGLE-ACCOMMODATION TOILET ROOM

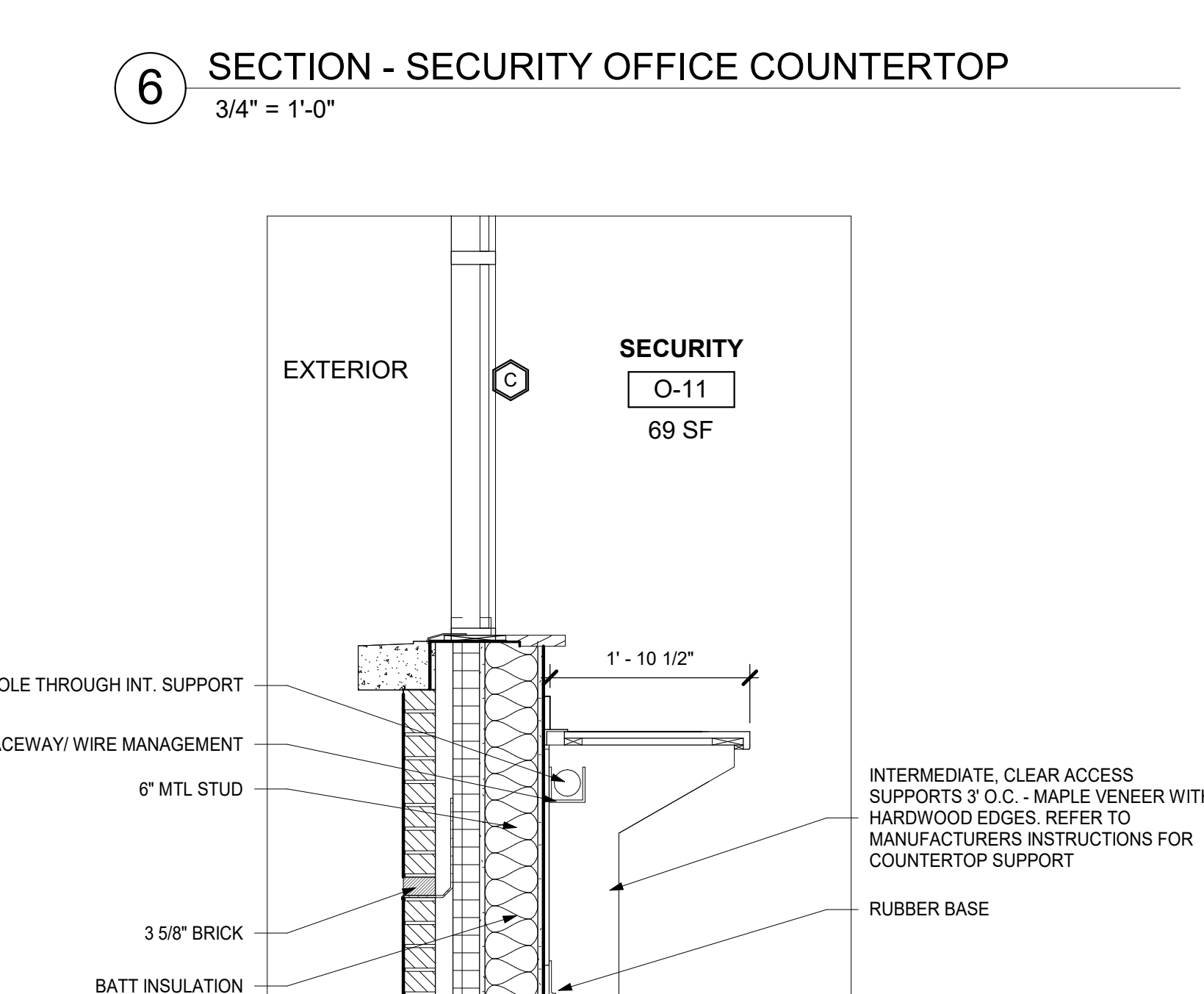
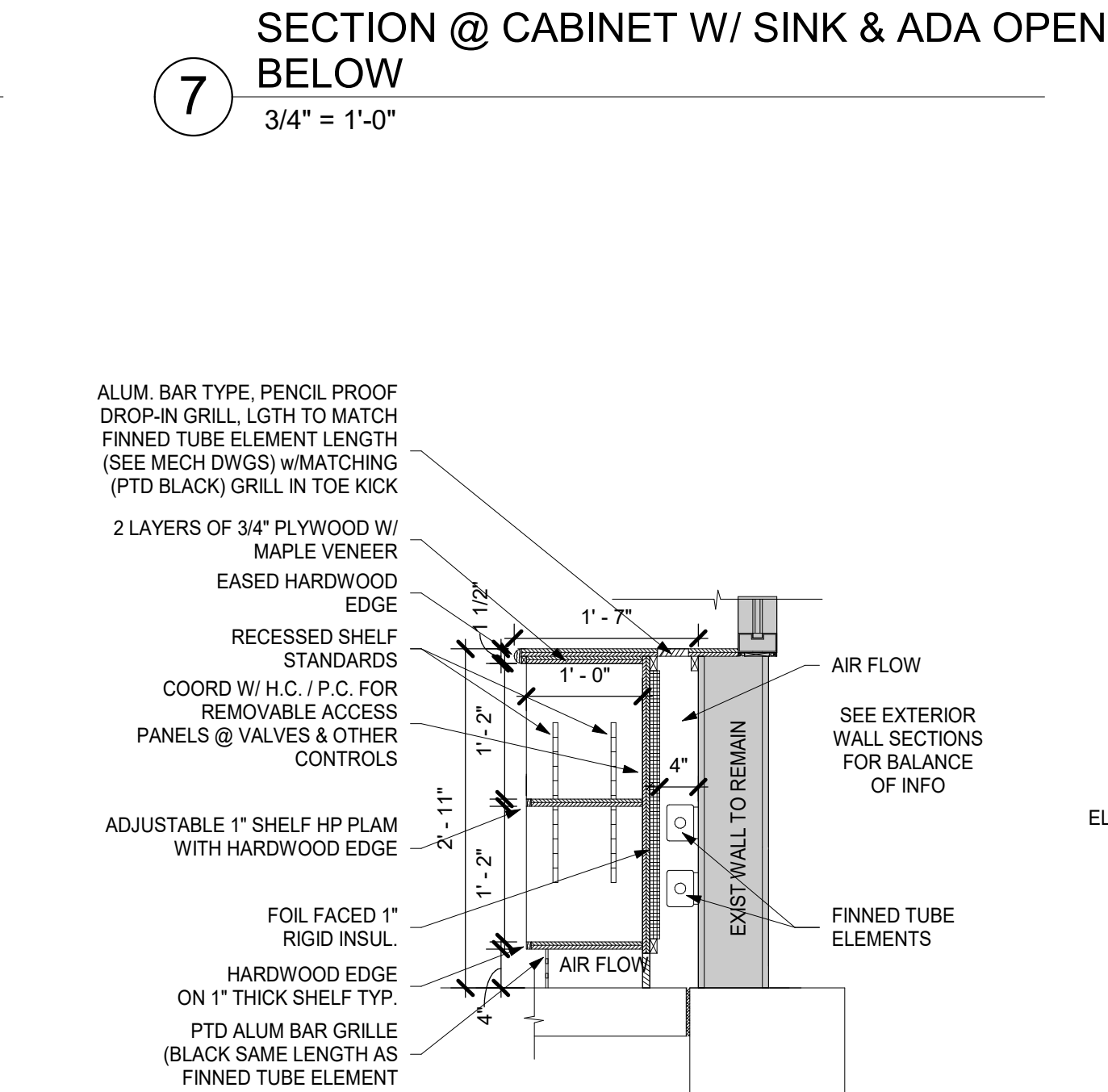
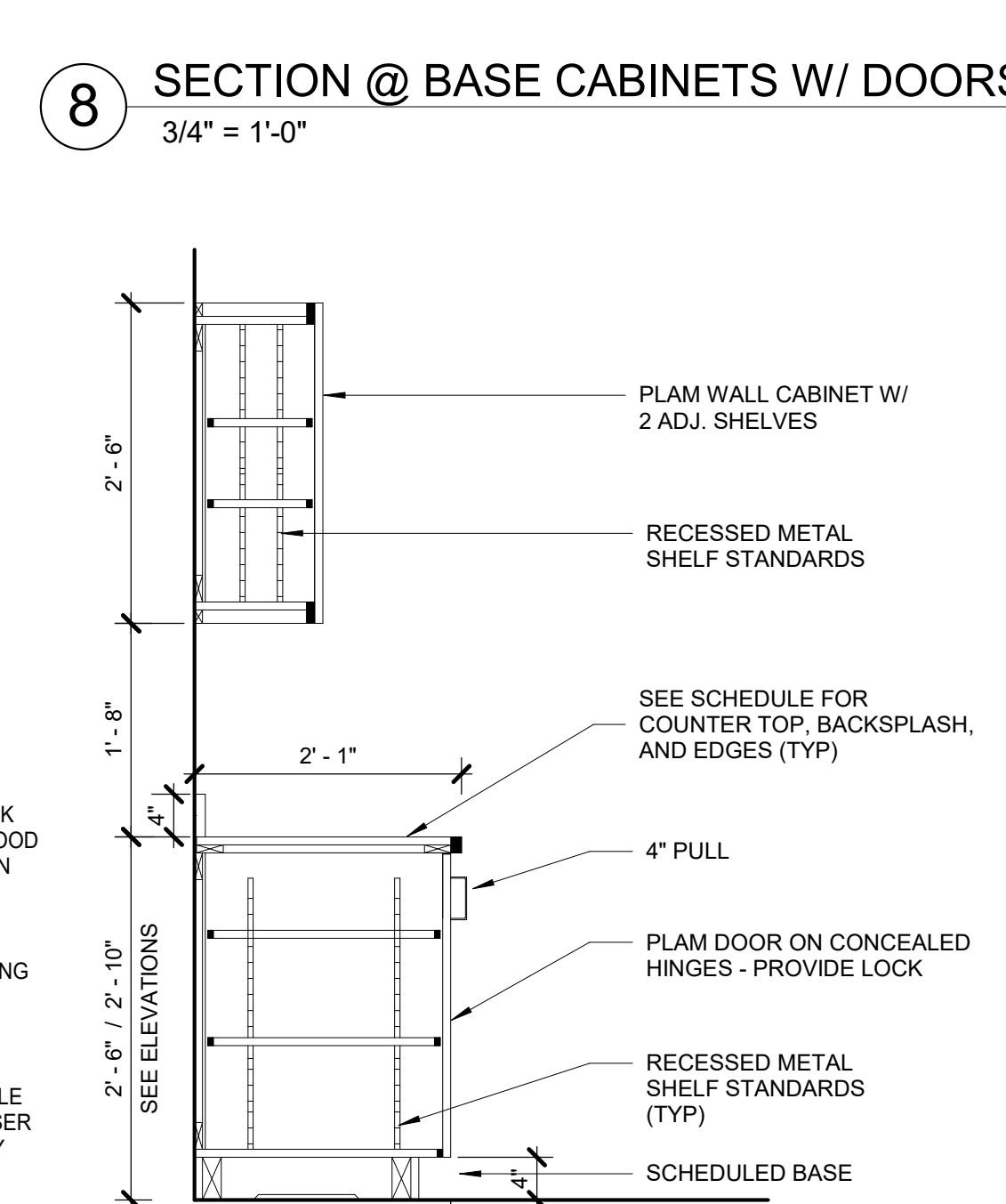
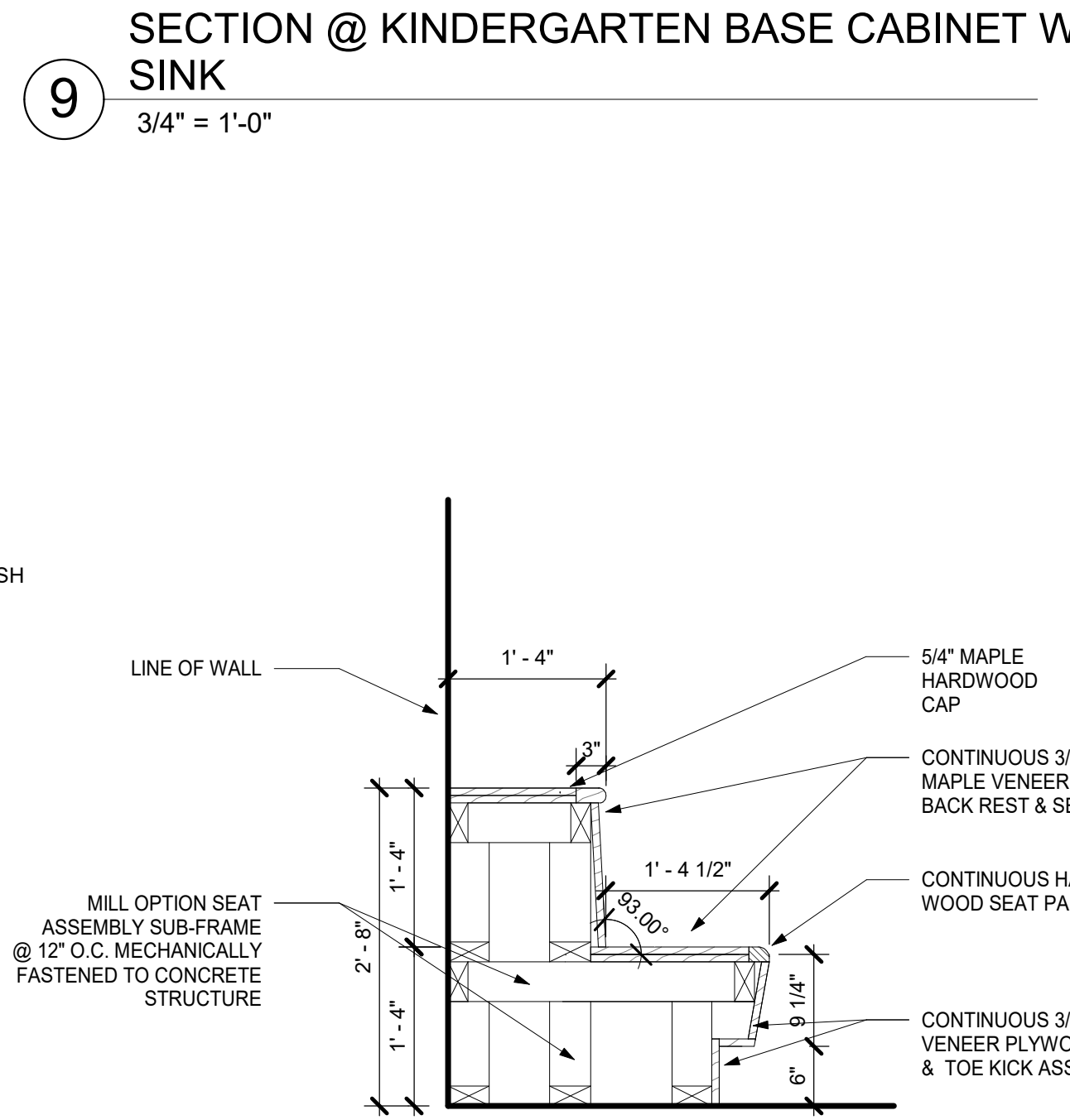
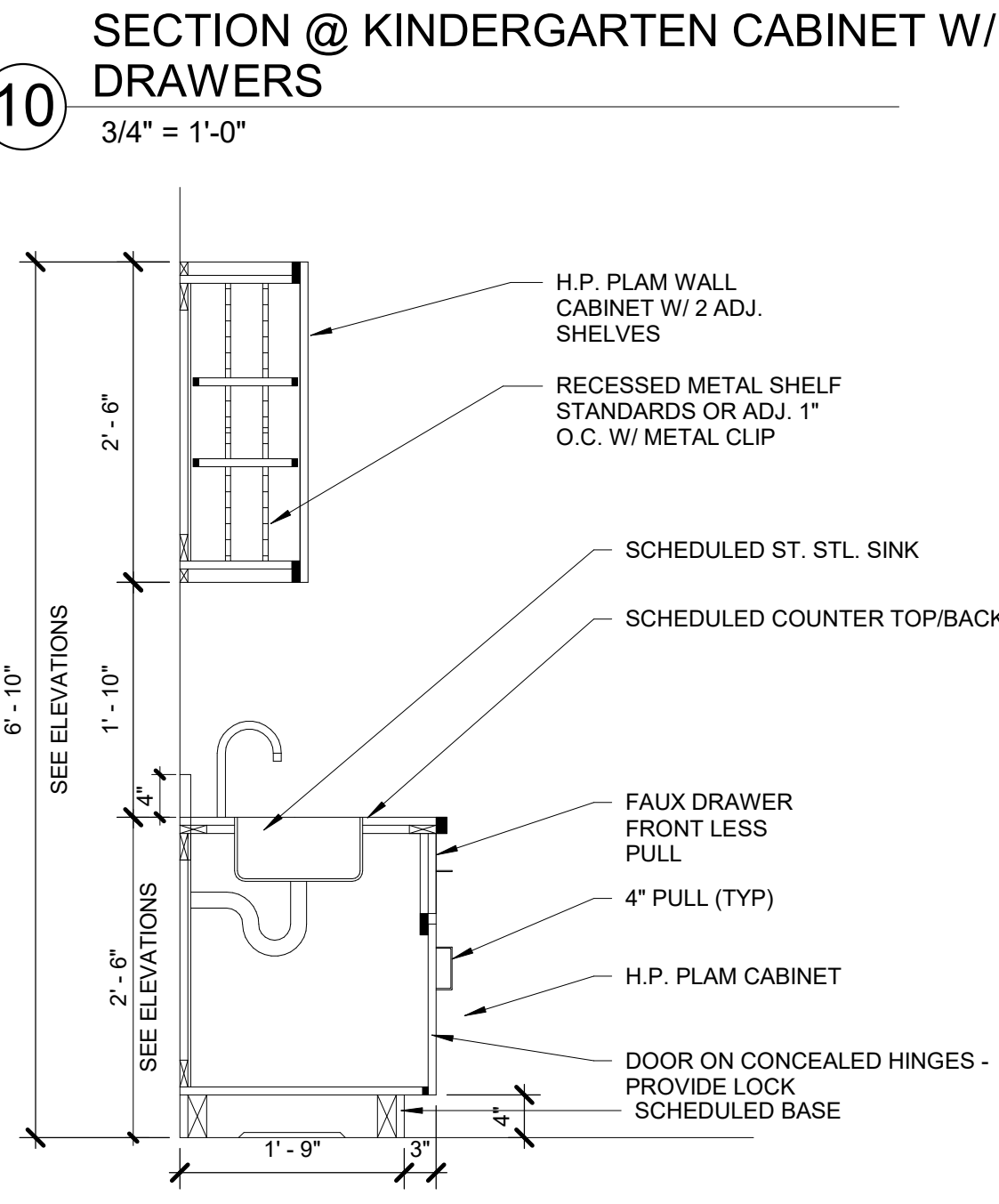
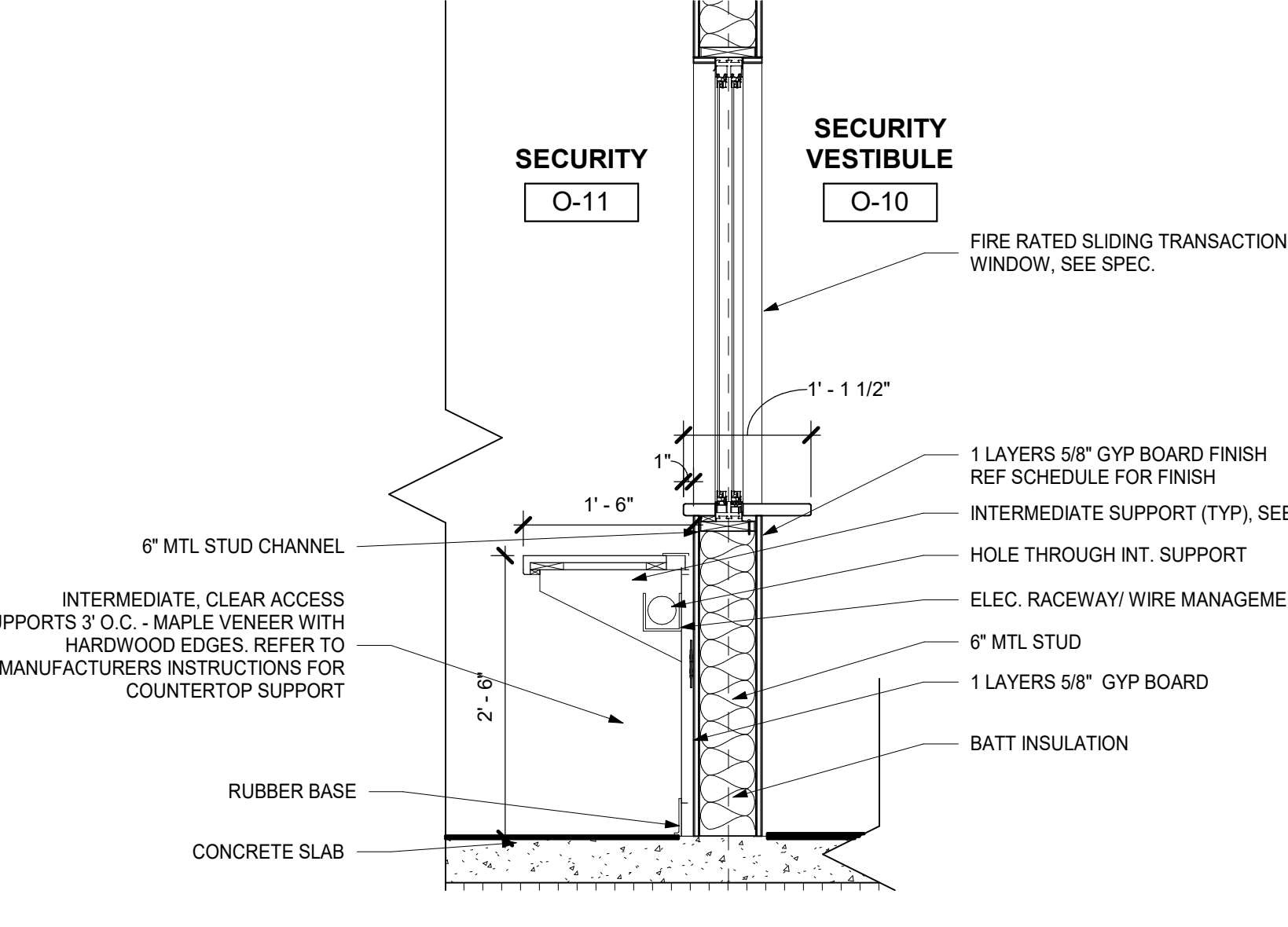
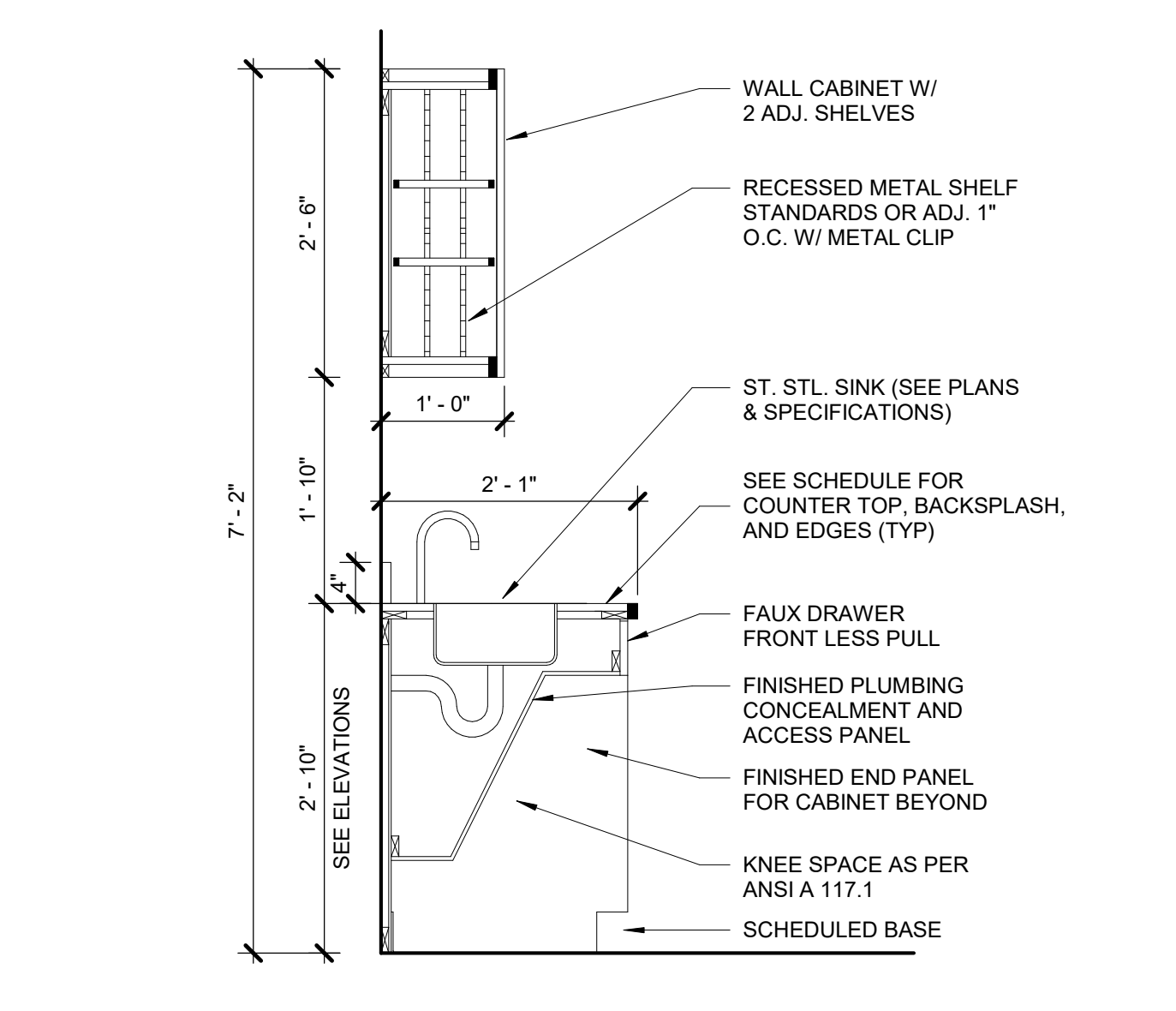
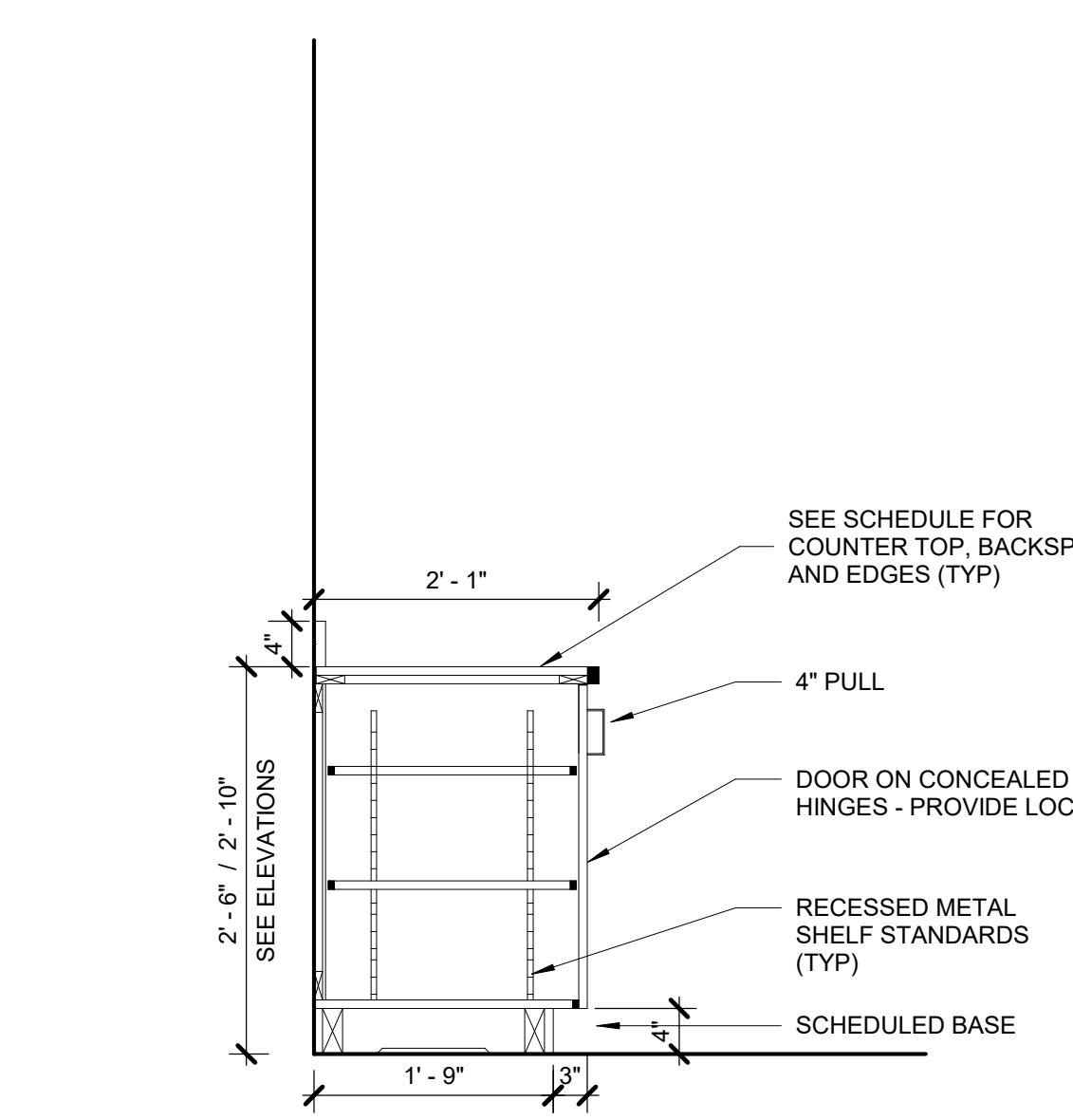
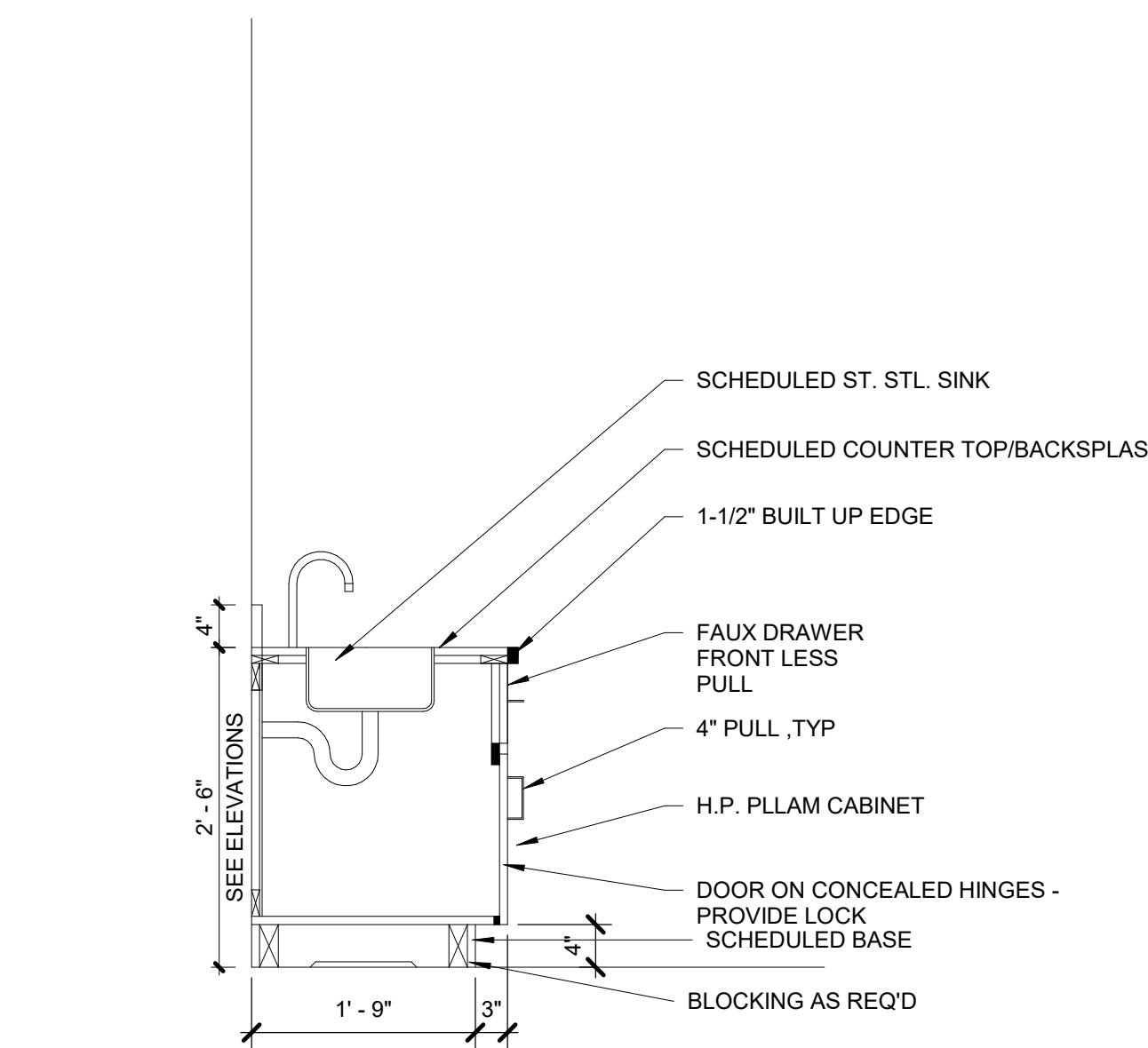
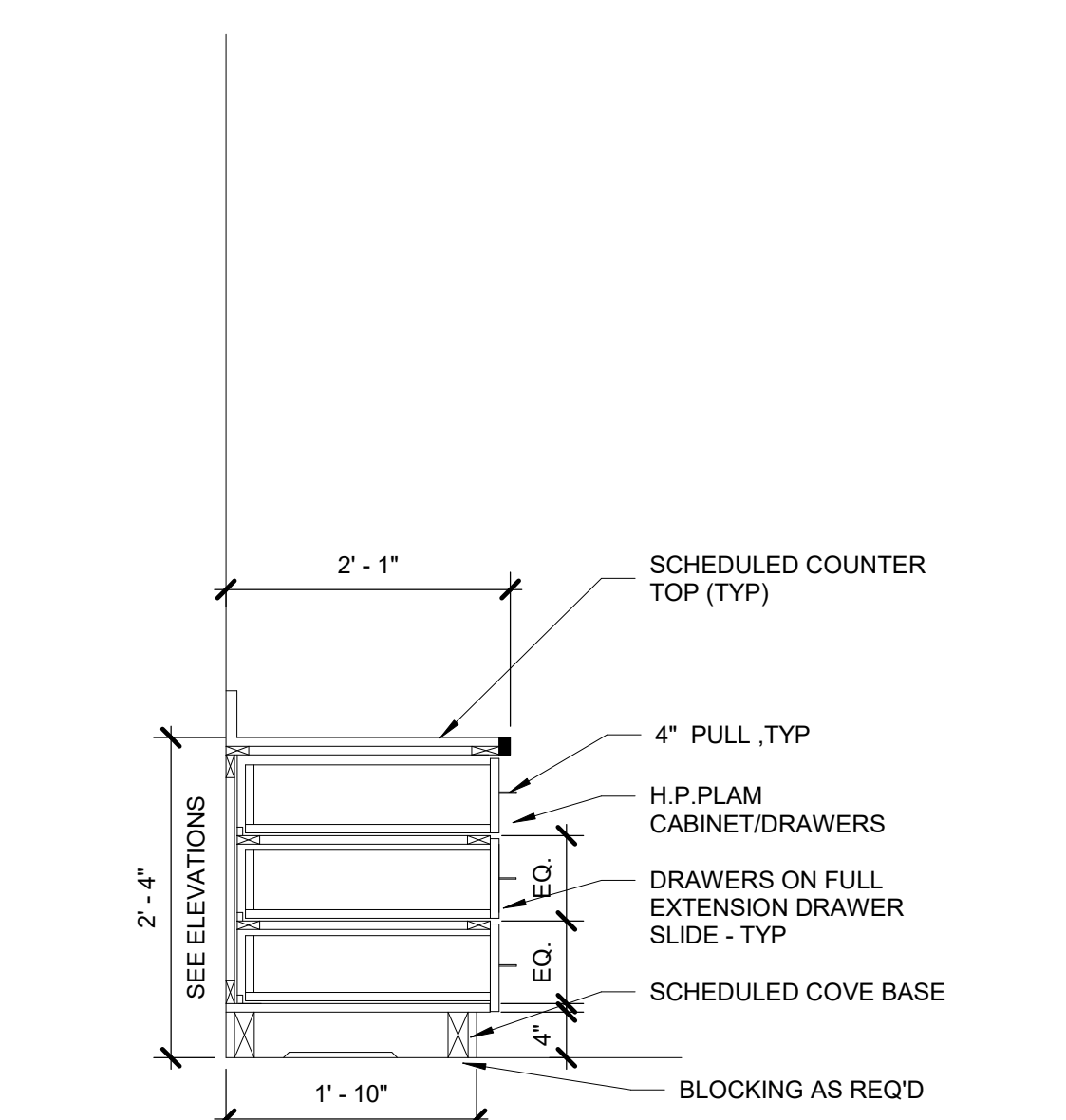
1/2" = 1'-0"

FINISH SCHEDULE- See spec for Base Bid and Alternate information, Patch to match existing when disturbed

Table with columns for Room #, Room Name, and various finish types (FIN, BASE, MAT) for walls (North, East, South, West) and ceiling. Includes a list of abbreviations below the table.

FINISH SCHEDULE ABBREVIATIONS and FINISH SCHEDULE GENERAL NOTES.

GENERAL NOTES: REFLECTED CEILING PLAN, SCHLUTER ALUMINUM COVE BASE, TILE, TERRAZZO TILE, VINYL COMPOSITE TILE (LUXURY) VINYL TILE, WINDOW WALL.



SECTION @ KINDERGARTEN BASE/ UPPER CABINET W/ SINK 3/4" = 1'-0"

SECTION @ WOOD TIERED BENCH 3/4" = 1'-0"

SECTION @ BASE CABINET W/ DOORS 3/4" = 1'-0"

SECTION THROUGH LIBRARY SHELVING 3/4" = 1'-0"

SECTION - EXTERIOR - SECURITY COUNTERTOP 3/4" = 1'-0"

MEADOW POND ES ADDITIONS + ALTERATIONS

KATONAH-LEWISBORO UFSD 185 SMITH RIDGE ROAD, SOUTH SALEM, NY 10590

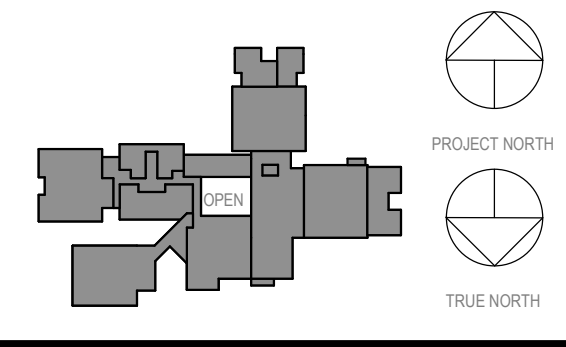


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NY SED PROJECT CONTROL NUMBER

66-01-01-03-0-007-016

CONSTRUCTION DOCUMENTS - ISSUED FOR BID



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Professional Seal

Revision table with columns: No., Date, Description, Issue.

FINISH SCHED + TYP CASE/ MILLWORK SECTIONS +DTLS

Job No. 2023-1017 Date 03/12/2023

Scale AS NOTED Drawn / Checked RTM / RAD

Sheet Number A501

**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

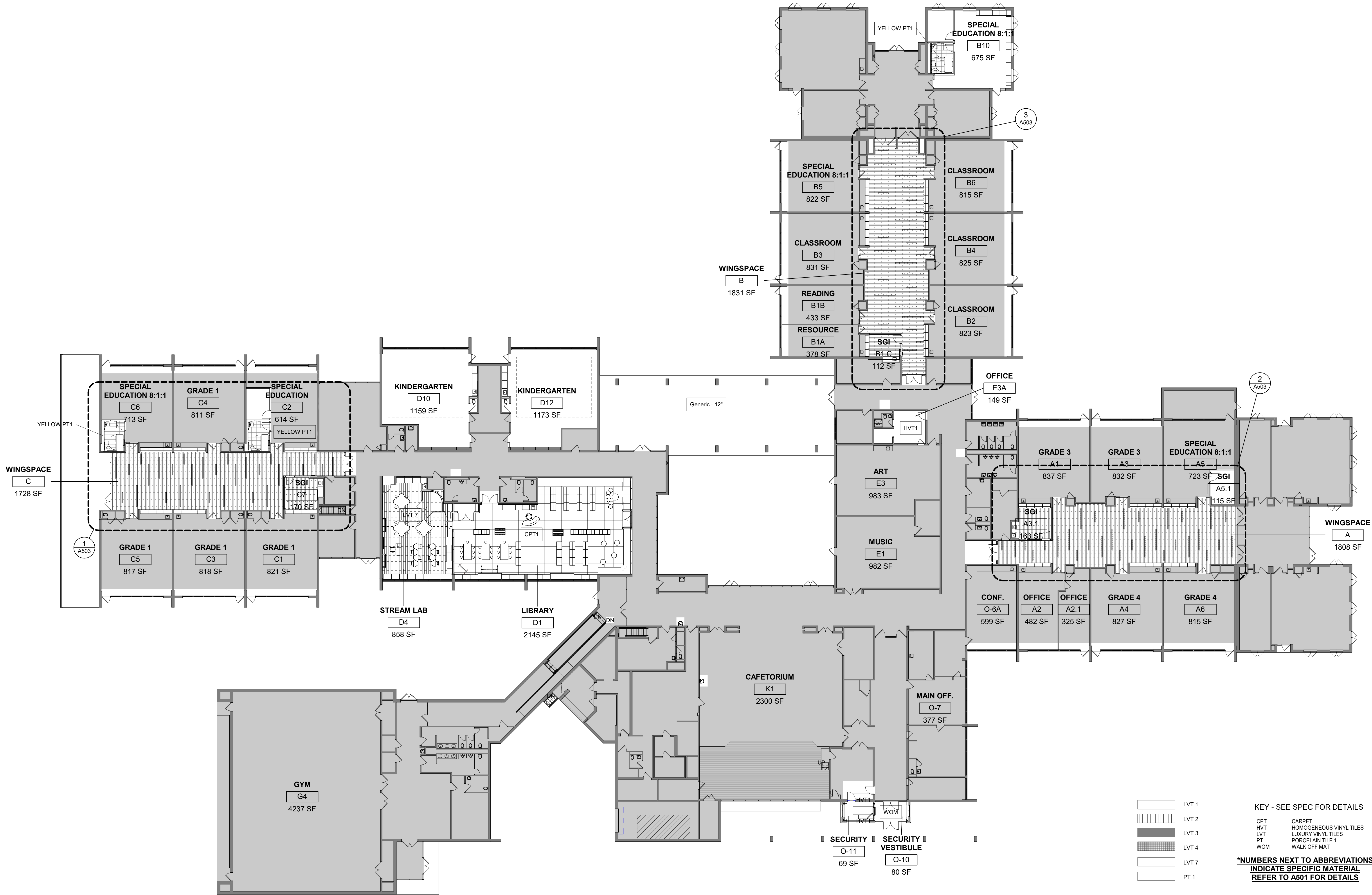
KATONAH-LEWISBORO
UFSD
185 SMITH RIDGE ROAD,
SOUTH SALEM, NY 10590



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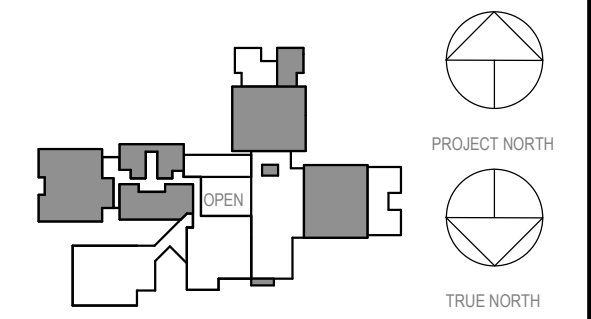
NY SED PROJECT CONTROL NUMBER
66-01-01-03-0-007-016

CONSTRUCTION DOCUMENTS -
ISSUED FOR BID



- LVT 1
 - LVT 2
 - LVT 3
 - LVT 4
 - LVT 7
 - PT 1
- KEY - SEE SPEC FOR DETAILS**
- CPT CARPET
 - HVT HOMOGENEOUS VINYL TILES
 - LVT LUXURY VINYL TILES
 - PT PORCELAIN TILE 1
 - WOM WALK OFF MAT
- *NUMBERS NEXT TO ABBREVIATIONS
INDICATE SPECIFIC MATERIAL
REFER TO A501 FOR DETAILS**

1 1ST FLOOR FLOOR FINISH
1/16" = 1'-0"



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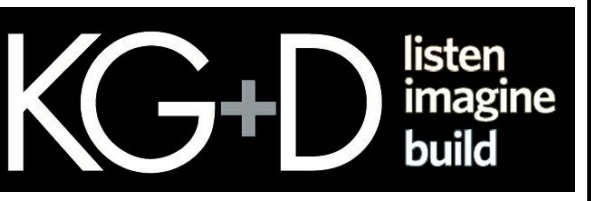
2	03.22.2024	ISSUED FOR BID
1	09.01.2023	NYSSED SUBMISSION
No.	Date	Issue

**FIRST FLOOR -
FLOOR FINISH
PLAN**

Job No.	2023-1017	Date	03/12/2023
Scale	AS NOTED	Drawn / Checked	RTM / RAD
Sheet Number	A502		

**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

KATONAH-LEWISBORO
UFSD
185 SMITH RIDGE ROAD,
SOUTH SALEM, NY 10590

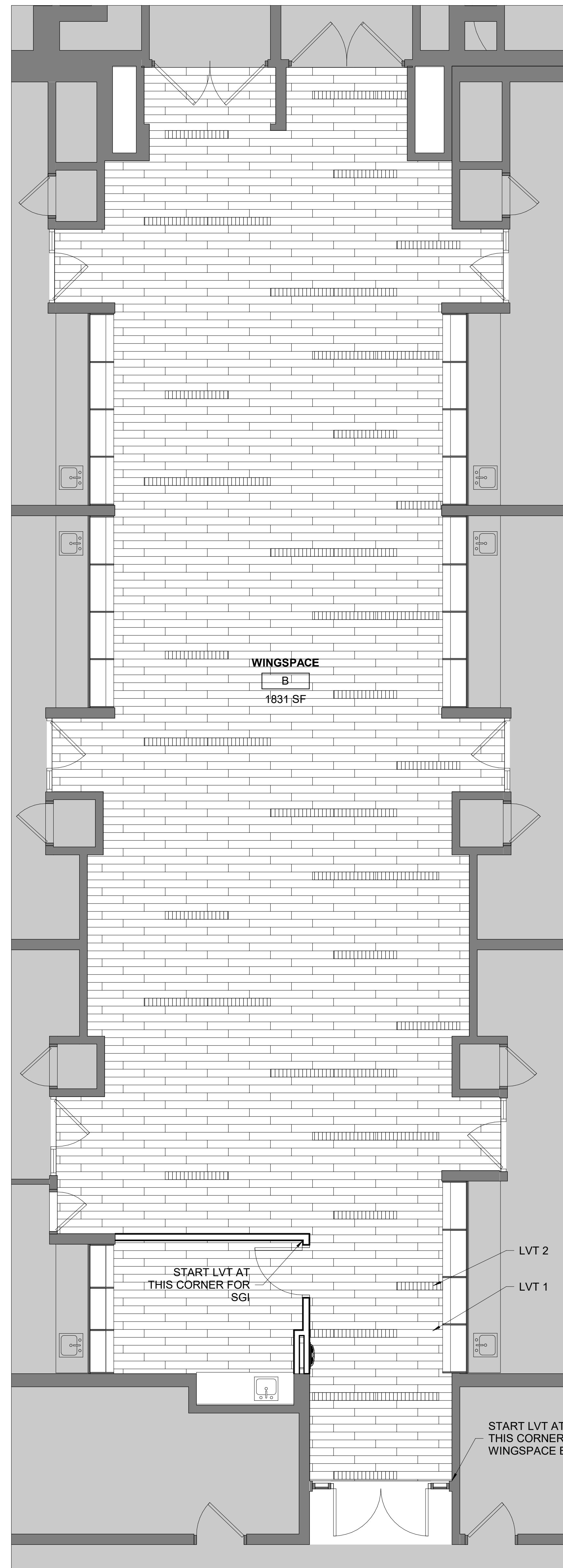


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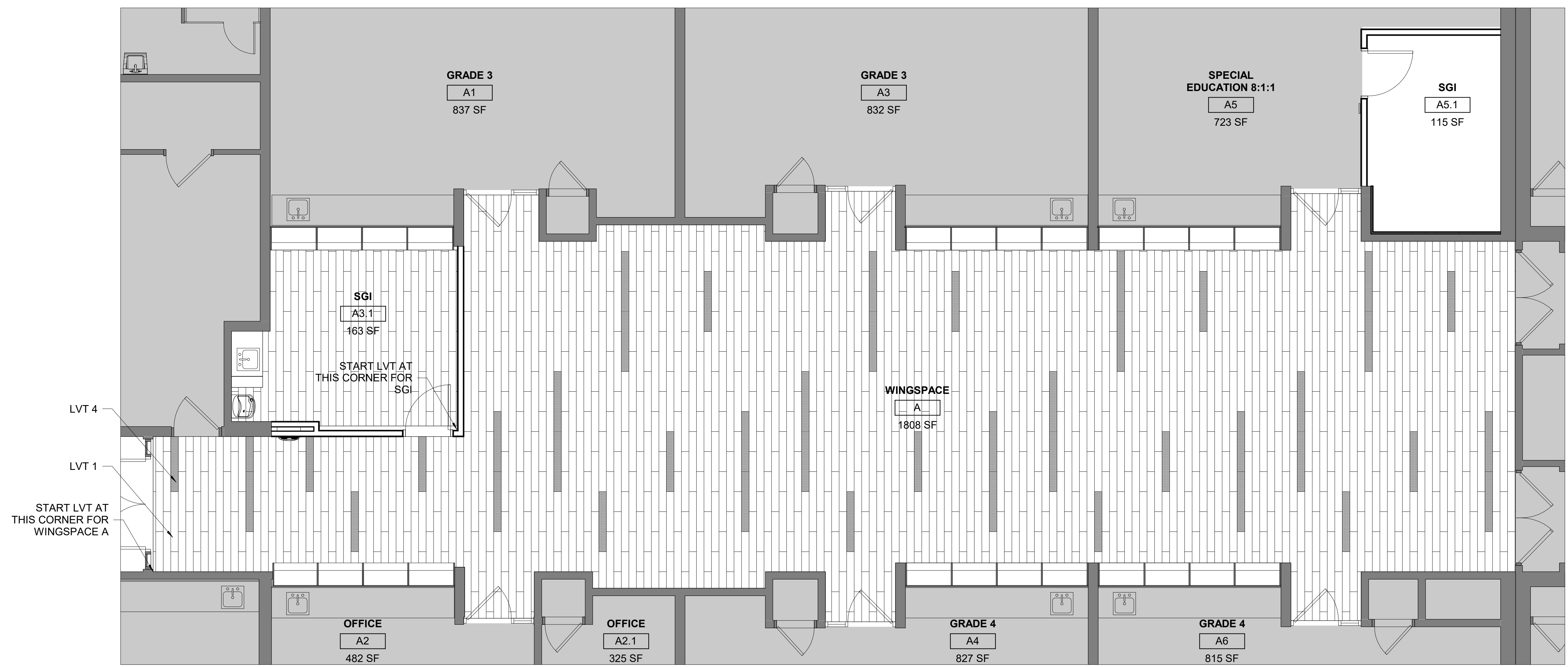
NY SED PROJECT CONTROL NUMBER

66-01-01-03-0-007-016

**CONSTRUCTION DOCUMENTS -
ISSUED FOR BID**



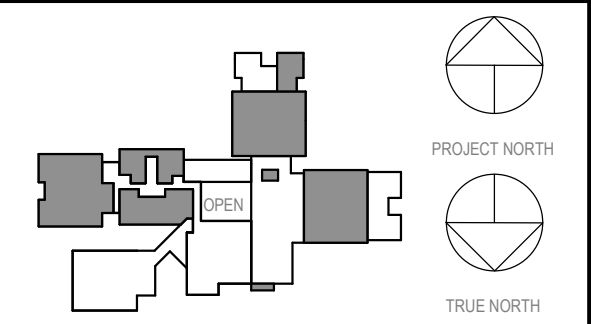
3 WINGSBACE B - FLOOR FINISH
1/4" = 1'-0"



2 WINGSBACE A - FLOOR FINISH
1/4" = 1'-0"



1 WINGSBACE C - FLOOR FINISH
1/4" = 1'-0"



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**WINGSBACE -
FLOOR FINISH
PLANS**

Job No. 2023-1017 Date 03/12/2023

Scale AS NOTED Drawn / Checked RTM / RAD

Sheet Number

A503

**MEADOW POND
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ALTERATIONS**

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SOUTH SALEM, NY 10590

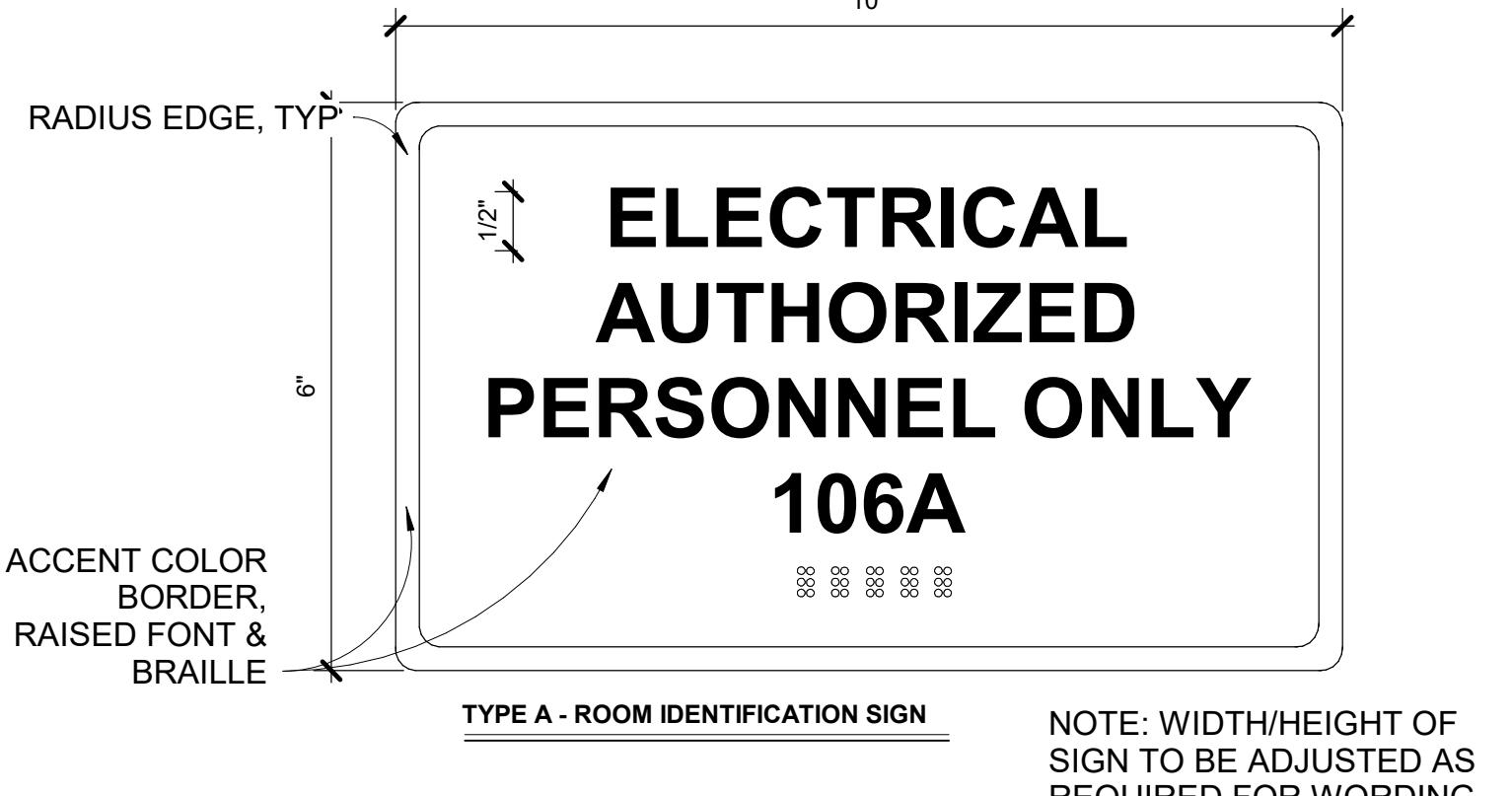
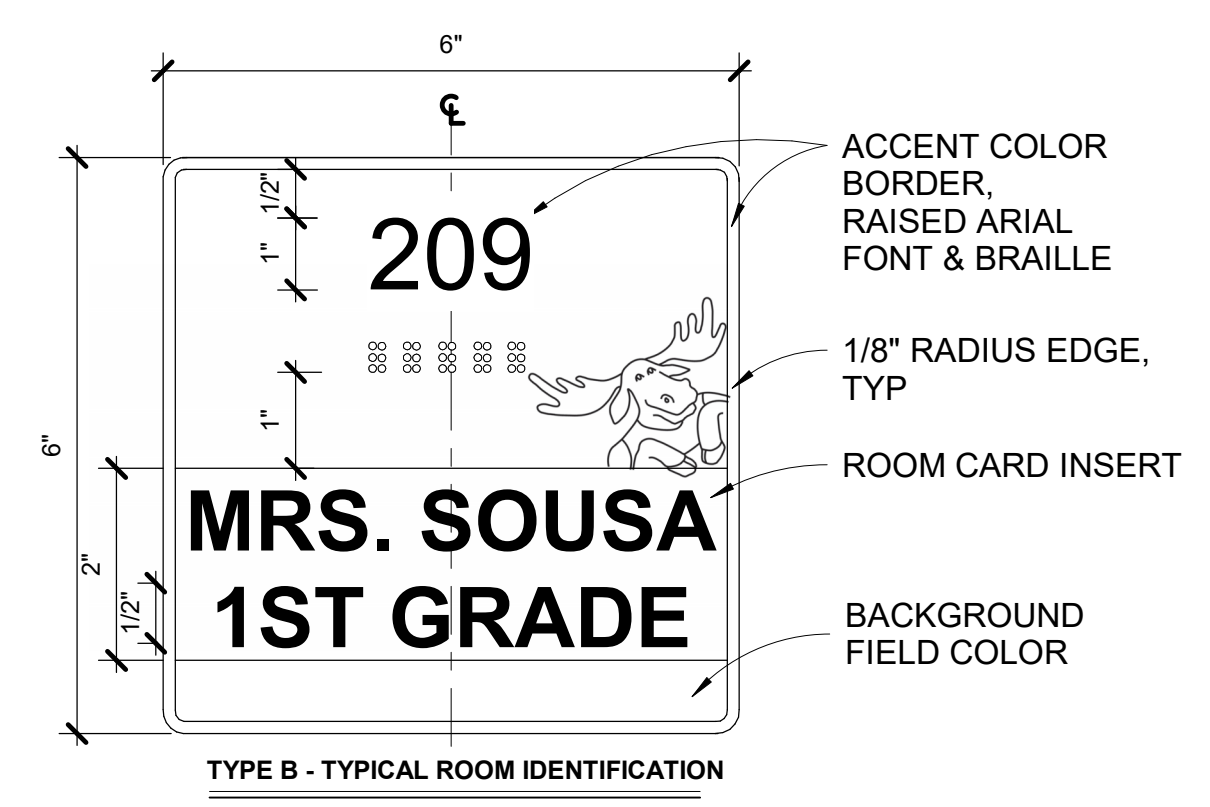


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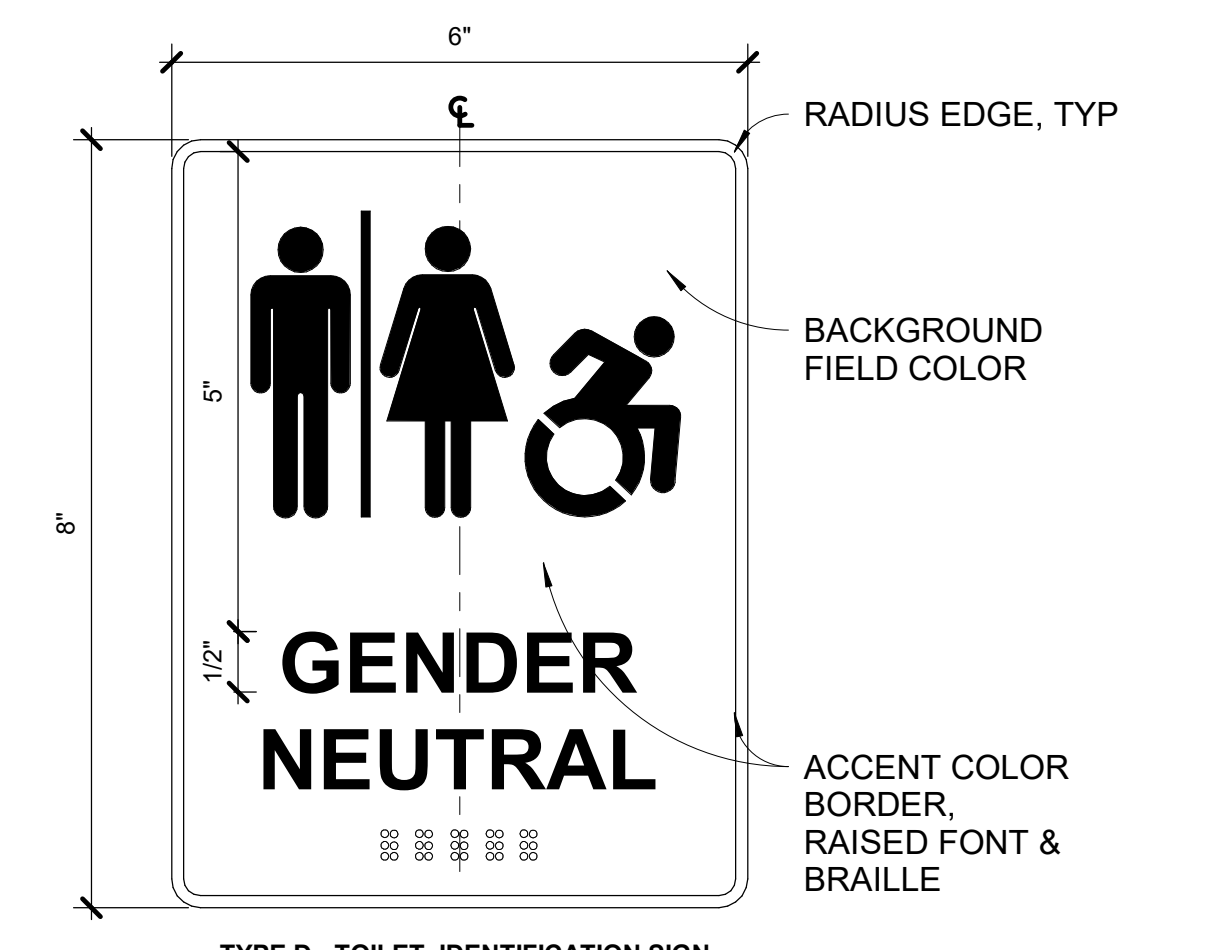
NY SED PROJECT CONTROL NUMBER
66-01-01-03-0-007-016

**CONSTRUCTION DOCUMENTS -
ISSUED FOR BID**

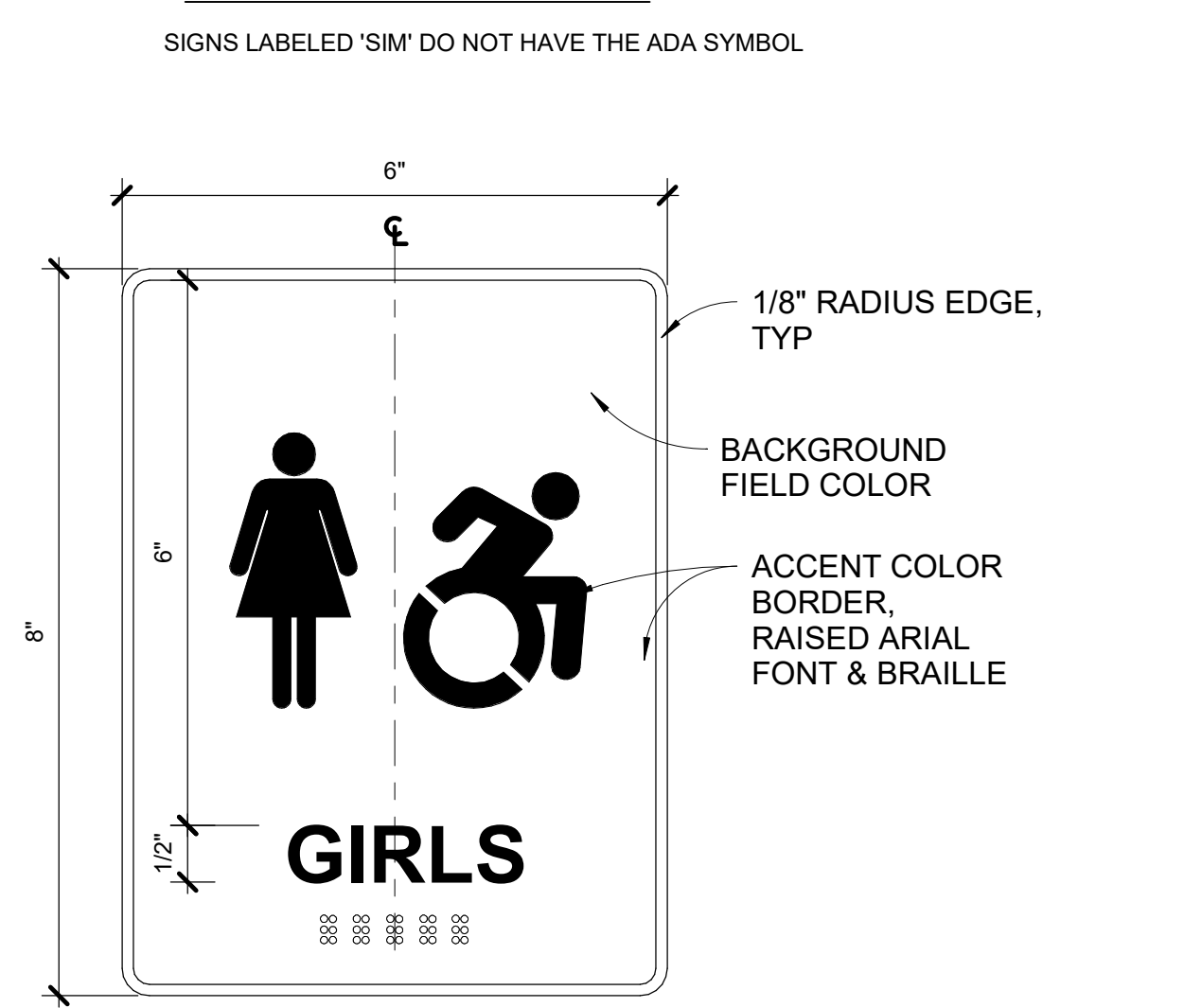
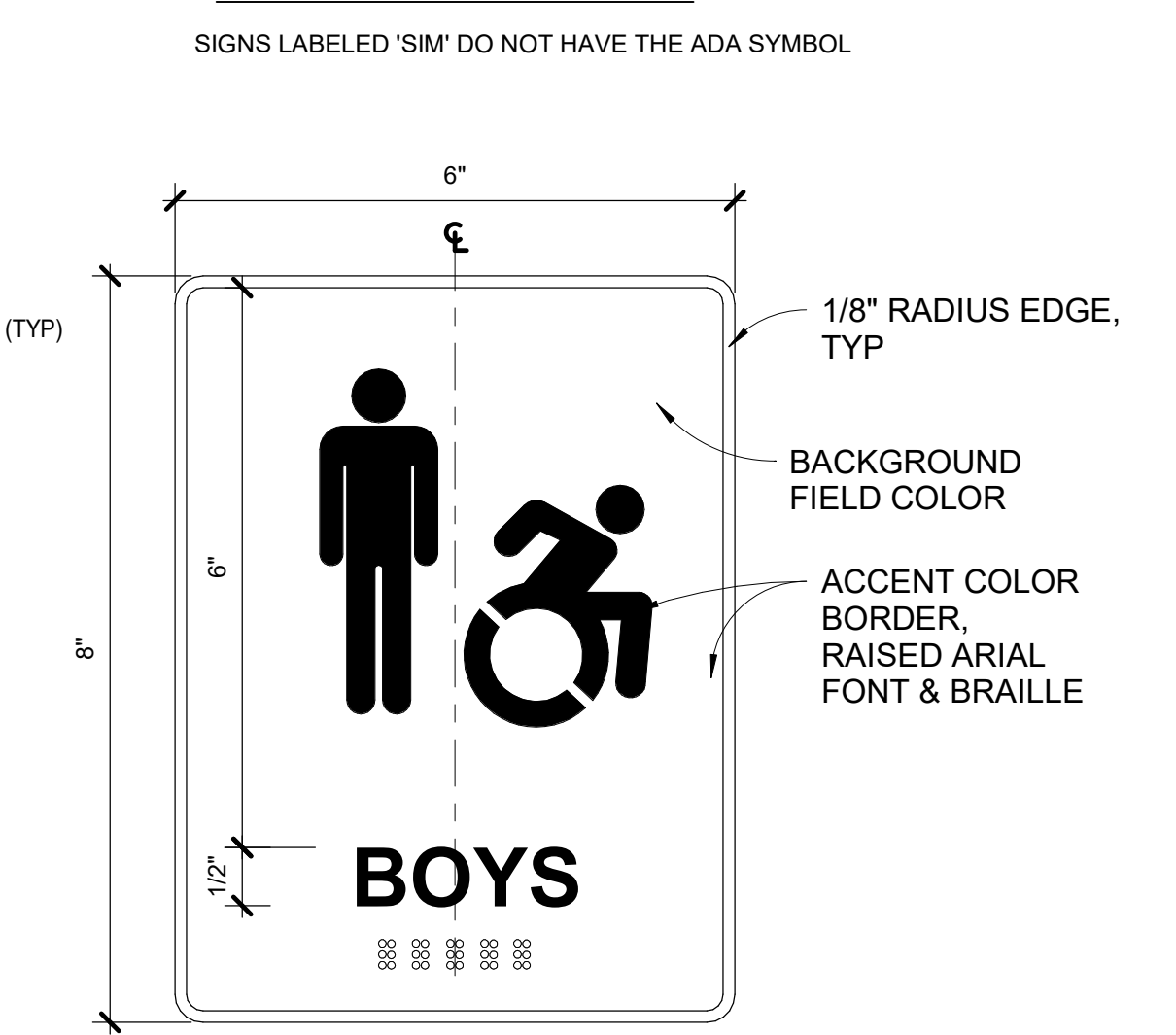
SIGNAGE SCHEDULE					
ROOM #	LOCATION	SIGN TYPE	SIGN TEXT (TEXT TO BE CONFIRMED WITH OWNER)	DESCRIPTION	QTY
A1	WINGSPACE	B	A	WINGSPACE	SEE TYPE B ON A531 FOR MORE DETAILS 2
A1	GRADE 3	B	A 1		SEE TYPE B ON A531 FOR MORE DETAILS 1
A2	OFFICE	B	A 2	OFFICE	SEE TYPE B ON A531 FOR MORE DETAILS 1
A2.1	OFFICE	B	A 2.1		SEE TYPE B ON A531 FOR MORE DETAILS 1
A3	GRADE 3	B	A 3		SEE TYPE B ON A531 FOR MORE DETAILS 1
A3.1	SGI	B	A 3.1		SEE TYPE B ON A531 FOR MORE DETAILS 1
A4	GRADE 4	B	A 4		SEE TYPE B ON A531 FOR MORE DETAILS 1
A5	SPECIAL EDUCATION 8:1:1	B	A 5		SEE TYPE B ON A531 FOR MORE DETAILS 1
A5.1	SGI	B	A 5.1		SEE TYPE B ON A531 FOR MORE DETAILS 1
A5A	GREENHOUSE	B	A 5A		SEE TYPE B ON A531 FOR MORE DETAILS 1
A6	GRADE 4	B	A 6		SEE TYPE B ON A531 FOR MORE DETAILS 1
A7	STOR	B	A 7		SEE TYPE B ON A531 FOR MORE DETAILS 1
A7.A	STORAGE	B	A 7A		SEE TYPE B ON A531 FOR MORE DETAILS 1
A101	OP-PT	B	A 101		SEE TYPE B ON A531 FOR MORE DETAILS 1
A102	OFFICE	B	A 102		SEE TYPE B ON A531 FOR MORE DETAILS 1
A103	CLASSROOM	B	A 103		SEE TYPE B ON A531 FOR MORE DETAILS 1
A104	CLASSROOM	B	A 104		SEE TYPE B ON A531 FOR MORE DETAILS 1
B	WINGSPACE	B	B		SEE TYPE B ON A531 FOR MORE DETAILS 2
B1	SGI	B	B 1		SEE TYPE B ON A531 FOR MORE DETAILS 1
B1A	RESOURCE	B	B 1A		SEE TYPE B ON A531 FOR MORE DETAILS 1
B1B	READING	B	B 1B		SEE TYPE B ON A531 FOR MORE DETAILS 1
B2	CLASSROOM	B	B 2		SEE TYPE B ON A531 FOR MORE DETAILS 1
B3	CLASSROOM	B	B 3		SEE TYPE B ON A531 FOR MORE DETAILS 1
B4	CLASSROOM	B	B 4		SEE TYPE B ON A531 FOR MORE DETAILS 1
B5	SPECIAL EDUCATION 8:1:1	B	B 5		SEE TYPE B ON A531 FOR MORE DETAILS 1
B6	CLASSROOM	B	B 6		SEE TYPE B ON A531 FOR MORE DETAILS 1
B7	ART & MUSIC	B	B 7		SEE TYPE B ON A531 FOR MORE DETAILS 1
B7.A	SGI	B	B 7.A		SEE TYPE B ON A531 FOR MORE DETAILS 1
B8	SF. EDU.	B	B 8		SEE TYPE B ON A531 FOR MORE DETAILS 1
B10	SPECIAL EDUCATION 8:1:1	B	B 10		SEE TYPE B ON A531 FOR MORE DETAILS 1
B10.1	TOILET	D	GENDER NEUTRAL		SEE TYPE D ON A531 FOR MORE DETAILS 1
B10.2	SPEECH	B	B 10.2		SEE TYPE B ON A531 FOR MORE DETAILS 1
C	WINGSPACE	B	C		SEE TYPE B ON A531 FOR MORE DETAILS 2
C1	GRADE 1	B	C 1		SEE TYPE B ON A531 FOR MORE DETAILS 1
C2	SPECIAL EDUCATION	B	C 2		SEE TYPE B ON A531 FOR MORE DETAILS 1
C2.1	TOILET	D	GENDER NEUTRAL		SEE TYPE D ON A531 FOR MORE DETAILS 1
C2.2	SGI	B	C 2.2		SEE TYPE B ON A531 FOR MORE DETAILS 1
C3	GRADE 1	B	C 3		SEE TYPE B ON A531 FOR MORE DETAILS 1
C4	GRADE 1	B	C 4		SEE TYPE B ON A531 FOR MORE DETAILS 1
C5	GRADE 1	B	C 5		SEE TYPE B ON A531 FOR MORE DETAILS 1
C6	SPECIAL EDUCATION 8:1:1	B	C 6		SEE TYPE B ON A531 FOR MORE DETAILS 1
C6.1	TOILET	D	GENDER NEUTRAL		SEE TYPE D ON A531 FOR MORE DETAILS 1
C7	SGI	B	C 7		SEE TYPE B ON A531 FOR MORE DETAILS 1
D1	LIBRARY	B	D 1		SEE TYPE B ON A531 FOR MORE DETAILS 2
D2	G	E	D 2	GIRLS TOILET	SEE TYPE E ON A531 FOR MORE DETAILS 1
D3	B	F	D 3	BOYS TOILET	SEE TYPE F ON A531 FOR MORE DETAILS 1
D3.A	JAN	B	D 3.A		SEE TYPE B ON A531 FOR MORE DETAILS 1
D4	STREAM LAB	B	D 4		SEE TYPE B ON A531 FOR MORE DETAILS 2
D4.2	VIDEO ROOM	B	D 4.2		SEE TYPE B ON A531 FOR MORE DETAILS 1
D5	SW	B	D 5		SEE TYPE B ON A531 FOR MORE DETAILS 1
D6	STOR	B	D 6		SEE TYPE B ON A531 FOR MORE DETAILS 2
D7	FACULTY	B	D 7		SEE TYPE B ON A531 FOR MORE DETAILS 1
D8	T	C	STAFF RESTROOM		SEE TYPE C ON A531 FOR MORE DETAILS 1
D9	JAN	B	D 9		SEE TYPE B ON A531 FOR MORE DETAILS 1
D10	KINDERGARTEN	B	D 10		SEE TYPE B ON A531 FOR MORE DETAILS 1
D10A	T	D	GENDER NEUTRAL		SEE TYPE D ON A531 FOR MORE DETAILS 1
D11	STOR	B	D 11		SEE TYPE B ON A531 FOR MORE DETAILS 2
D12	KINDERGARTEN	B	D 12		SEE TYPE B ON A531 FOR MORE DETAILS 1
D12A	T	D	GENDER NEUTRAL		SEE TYPE D ON A531 FOR MORE DETAILS 1
D13	CUST	B	D 13		SEE TYPE B ON A531 FOR MORE DETAILS 1
E1	MUSIC	B	E 1		SEE TYPE B ON A531 FOR MORE DETAILS 1
E2	MUSIC OFF	B	E 2		SEE TYPE B ON A531 FOR MORE DETAILS 1
E3	ART	B	E 3		SEE TYPE B ON A531 FOR MORE DETAILS 1
E3A	OFFICE	B	E 3A		SEE TYPE B ON A531 FOR MORE DETAILS 1
E4	STORAGE	B	E 4		SEE TYPE B ON A531 FOR MORE DETAILS 1
E5	TOILET	C	STAFF RESTROOM		SEE TYPE C ON A531 FOR MORE DETAILS 1
E6	GUID.	B	E 6		SEE TYPE B ON A531 FOR MORE DETAILS 1
E7	STORAGE	B	E 7		SEE TYPE B ON A531 FOR MORE DETAILS 1
E8	CONF	B	E 8		SEE TYPE B ON A531 FOR MORE DETAILS 1
E9	GIRLS	E	E 9	GIRLS TOILET	SEE TYPE E ON A531 FOR MORE DETAILS 1
E10	BOYS	F	E 10	BOYS TOILET	SEE TYPE F ON A531 FOR MORE DETAILS 1
E11	CUST	B	E 11	CUSTODIAN	SEE TYPE B ON A531 FOR MORE DETAILS 1
E12	W	E	E 12	WOMENS TOILET	SEE TYPE E ON A531 FOR MORE DETAILS 1
E13	M	F	E 13	MENS TOILET	SEE TYPE F ON A531 FOR MORE DETAILS 1
G4	GYM	B	G 4		SEE TYPE B ON A531 FOR MORE DETAILS 1
G5	OFF	B	G 5		SEE TYPE B ON A531 FOR MORE DETAILS 1
G5A	T	C	STAFF RESTROOM		SEE TYPE C ON A531 FOR MORE DETAILS 1
G6	B	F	G 6	BOYS TOILET	SEE TYPE F ON A531 FOR MORE DETAILS 1
G7	G	E	G 7	GIRLS TOILET	SEE TYPE E ON A531 FOR MORE DETAILS 1
G9	CUST	B	G 9		SEE TYPE B ON A531 FOR MORE DETAILS 1
K1	CAPETORIUM	B	K 1		SEE TYPE B ON A531 FOR MORE DETAILS 2
K2A	STOR	B	K 2A		SEE TYPE B ON A531 FOR MORE DETAILS 1
K2B	STOR	B	K 2B		SEE TYPE B ON A531 FOR MORE DETAILS 1
K3	CUST.	B	K 3	CUSTODIAN OFFICE	SEE TYPE B ON A531 FOR MORE DETAILS 1
K4	KITCHEN	B	K 4		SEE TYPE B ON A531 FOR MORE DETAILS 3
K5	FREEZER	B	K 5		SEE TYPE B ON A531 FOR MORE DETAILS 1
K5.A	FREEZER	B	K 5.A		SEE TYPE B ON A531 FOR MORE DETAILS 1
K7.B	STORAGE	B	K 7.B		SEE TYPE B ON A531 FOR MORE DETAILS 1
K8	STORAGE	B	K 8		SEE TYPE B ON A531 FOR MORE DETAILS 1
K8.1	TOILET	C	STAFF RESTROOM		SEE TYPE C ON A531 FOR MORE DETAILS 1
K9	STOR	B	K 9		SEE TYPE B ON A531 FOR MORE DETAILS 1
K10	MAINTENANCE	B	K 10	MAINTENANCE	SEE TYPE B ON A531 FOR MORE DETAILS 1
K10A	CUST	B	K10A		SEE TYPE B ON A531 FOR MORE DETAILS 1
K1A	STOR	B	K1A		SEE TYPE B ON A531 FOR MORE DETAILS 1
O-3	INST. MUSIC	B	O-3		SEE TYPE B ON A531 FOR MORE DETAILS 1
O-3A	ELECTRICAL	A	ELECTRICAL AUTHORIZED PERSONNEL ONLY		SEE TYPE A ON A531 FOR MORE DETAILS 1
O-4	STOR	B	O-4		SEE TYPE B ON A531 FOR MORE DETAILS 1
O-5	WORK	B	O-5		SEE TYPE B ON A531 FOR MORE DETAILS 1
O-6	PRINC.	B	O-6		SEE TYPE B ON A531 FOR MORE DETAILS 1
O-6A	CONF.	B	O-6A		SEE TYPE B ON A531 FOR MORE DETAILS 1
O-7	MAIN OFF.	B	O-7		SEE TYPE B ON A531 FOR MORE DETAILS 1
O-8	NURSE	B	O-8		SEE TYPE B ON A531 FOR MORE DETAILS 1
O-9	PSYCHOL.	B	O-9		SEE TYPE B ON A531 FOR MORE DETAILS 1
O-11	SECURITY	B	O-11		SEE TYPE B ON A531 FOR MORE DETAILS 1



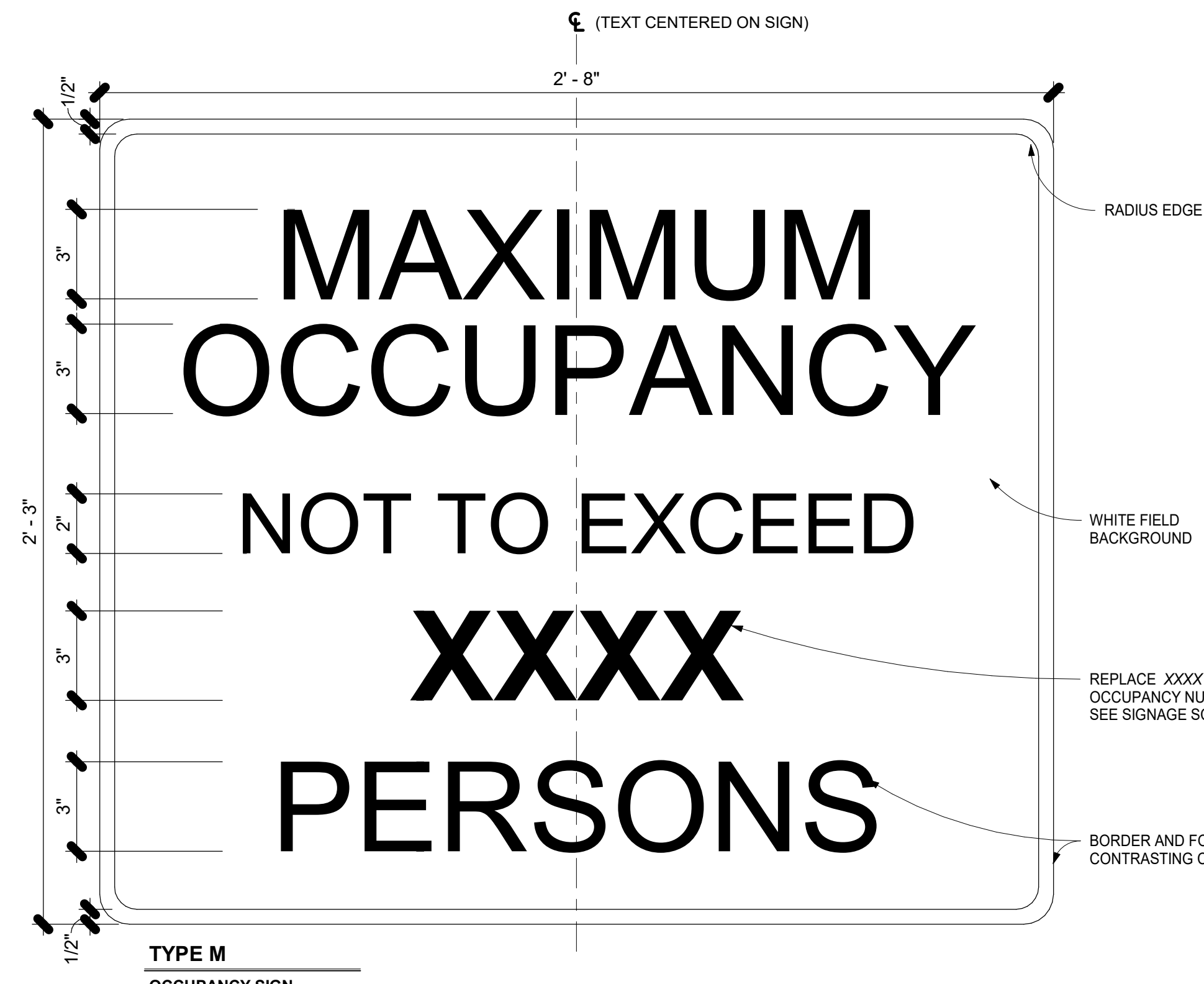
NOTE: WIDTH/HEIGHT OF SIGN TO BE ADJUSTED AS REQUIRED FOR WORDING FROM 8" - 12" W AND 6" - 10" H



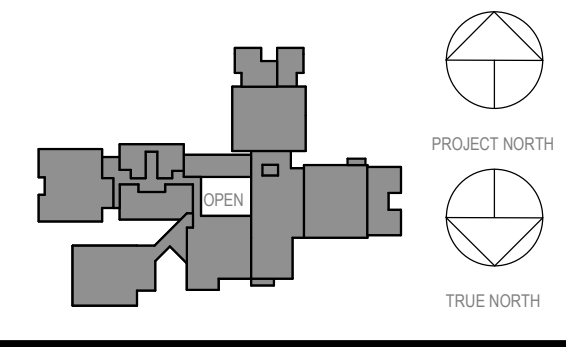
SIGNS LABELED 'SIM' DO NOT HAVE THE ADA SYMBOL



SIGNS LABELED 'SIM' DO NOT HAVE THE ADA SYMBOL



GENERAL NOTE: SIGNAGE MOUNTING TO COMPLY WITH 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN SECTION 703.4 UNO - SEE ARCHITECT FOR FINAL LOCATIONS



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Professional Seal

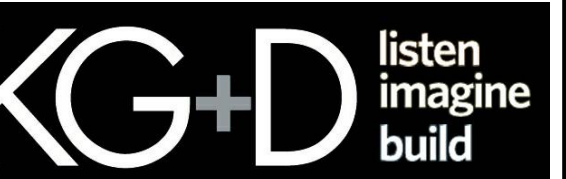
2	03.22.2024	ISSUED FOR BID
1	09.01.2023	NYS SUBMISSION
No.	Date	Issue

SIGNAGE SCHEDULE

Job No.	2023-1017	Date	03/12/2023
Scale	AS NOTED	Drawn / Checked	RTM / RAD
Sheet Number	A530		

**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

KATONAH-LEWISBORO
UFS
185 SMITH RIDGE ROAD,
SOUTH SALEM, NY 10590



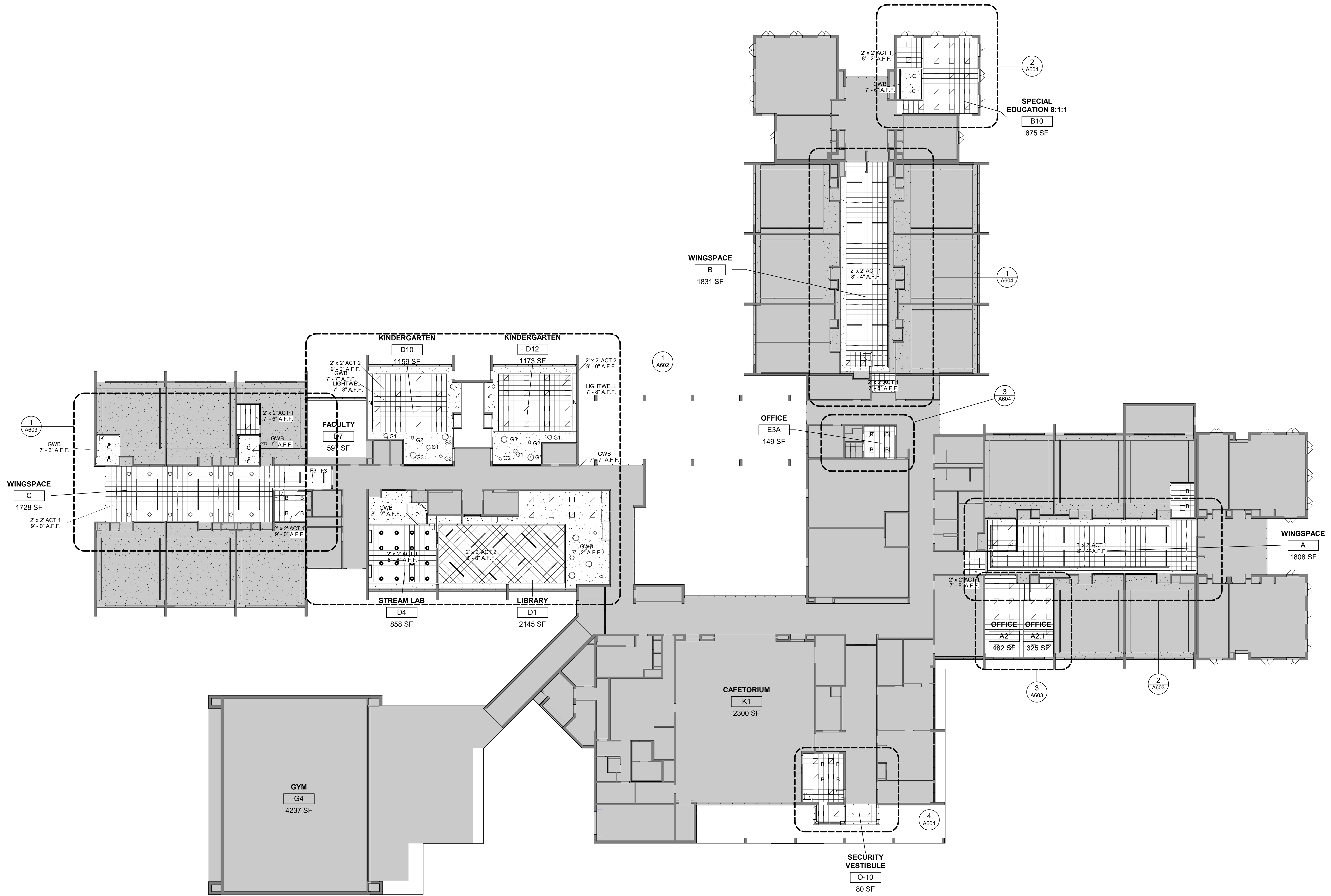
KG+D . ARCHITECTS PC
385 MAIN STREET MOUNT KISCO, NEW YORK 10549
P:914.666.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NUMBER
66-01-01-03-0-007-016

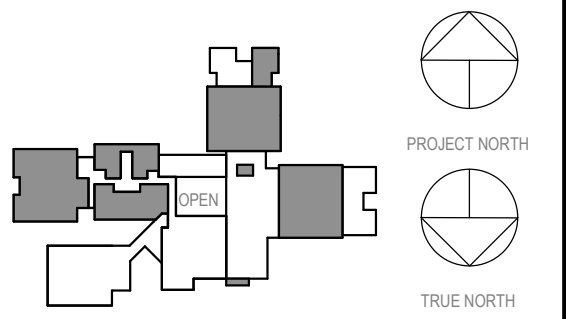
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ISSUED FOR BID**

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- 4 FINISH SCHEDULE - SEE DWG. A501
- 5 CEILING HEIGHTS SHOWN IN PLANS, SECTIONS, & DETAILS SHALL TAKE PRECEDENCE OVER HEIGHTS INDICATED ON SCHEDULES



1 1ST FLOOR RCP
1/16" = 1'-0"



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1	09.01.2023	NYS SUBMISSION
No.	Date	Issue

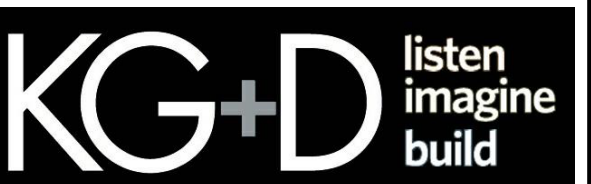
**OVERALL FIRST
FLOOR RCP**

Job No.	2023-1017	Date	03/12/2023
Scale	AS NOTED	Drawn / Checked	RTM / RAD

Sheet Number
A601

**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

KATONAH-LEWISBORO
UFSD
185 SMITH RIDGE ROAD,
SOUTH SALEM, NY 10590



KG+D . ARCHITECTS PC
385 MAIN STREET MOUNT KISCO, NEW YORK 10549
P:914.666.5900 KGDARCHITECTS.COM

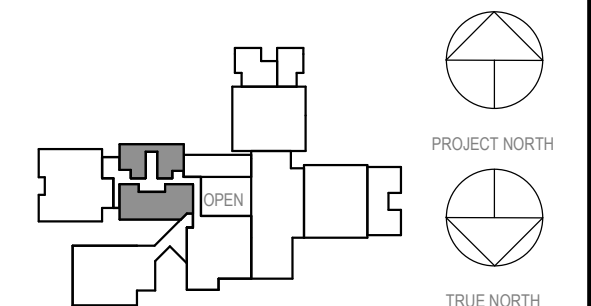
NY SED PROJECT CONTROL NUMBER

66-01-01-03-0-007-016

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- 4 FINISH SCHEDULE - SEE DWG. A501
- 5 CEILING HEIGHTS SHOWN IN PLANS, SECTIONS, & DETAILS SHALL TAKE PRECEDENCE OVER HEIGHTS INDICATED ON SCHEDULES



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1	09.01.2023	NYSED SUBMISSION
No.	Date	Issue

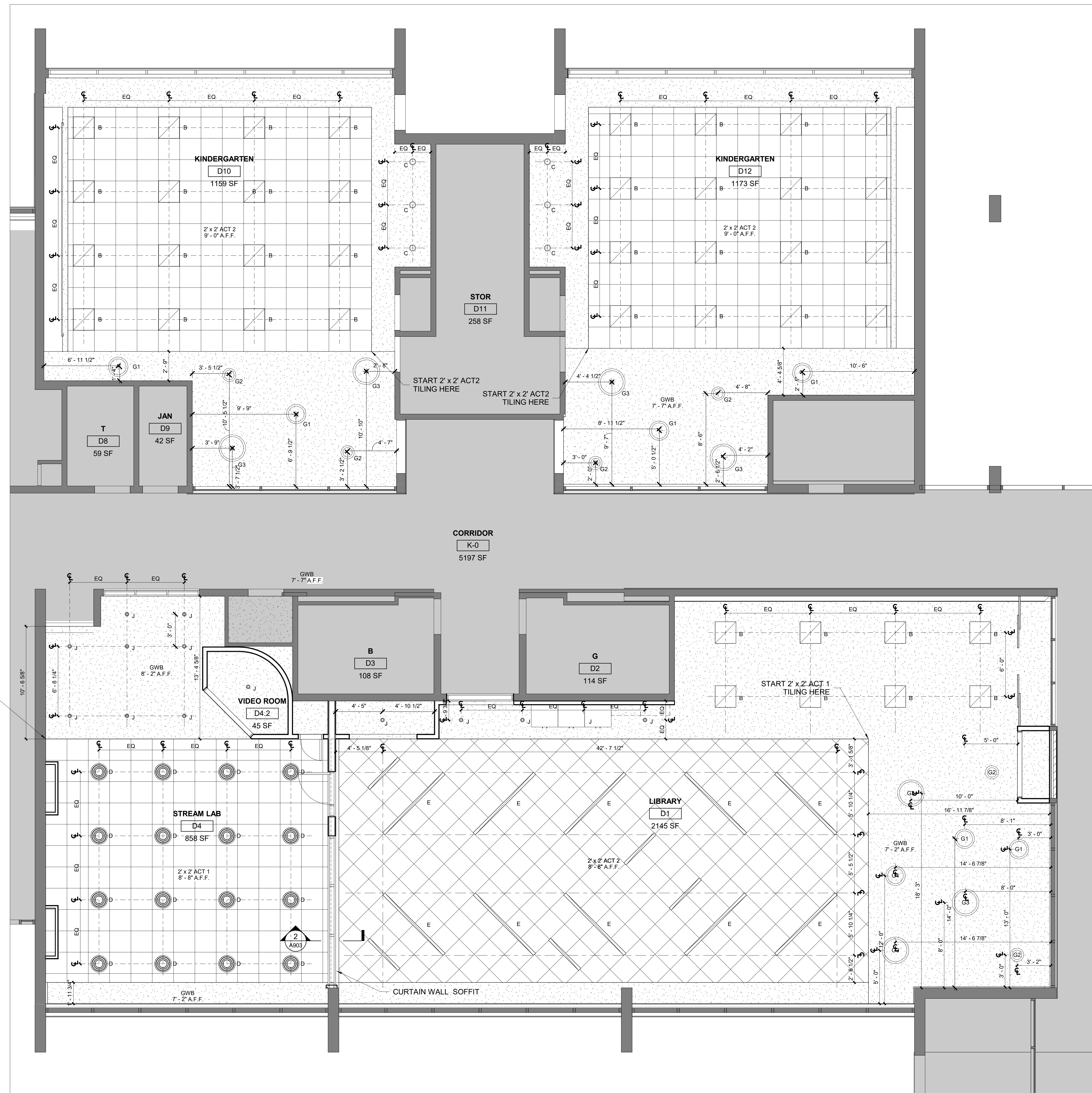
**PARTIAL FIRST
FLOOR RCP -
LIBRARY +
KINDERGARTENS**

Job No. 2023-1017 Date 03/12/2023

Scale AS NOTED Drawn / Checked RTM / RAD

Sheet Number

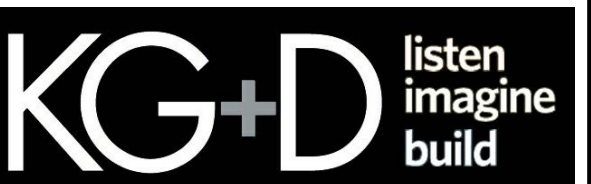
A602



1 1ST FLOOR RCP - LIBRARY + KINDERGARTENS
1/4" = 1'-0"

**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

KATONAH-LEWISBORO
UFSD
185 SMITH RIDGE ROAD,
SOUTH SALEM, NY 10590



KG+D . ARCHITECTS PC
385 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P:914.666.5900 KGDARCHITECTS.COM

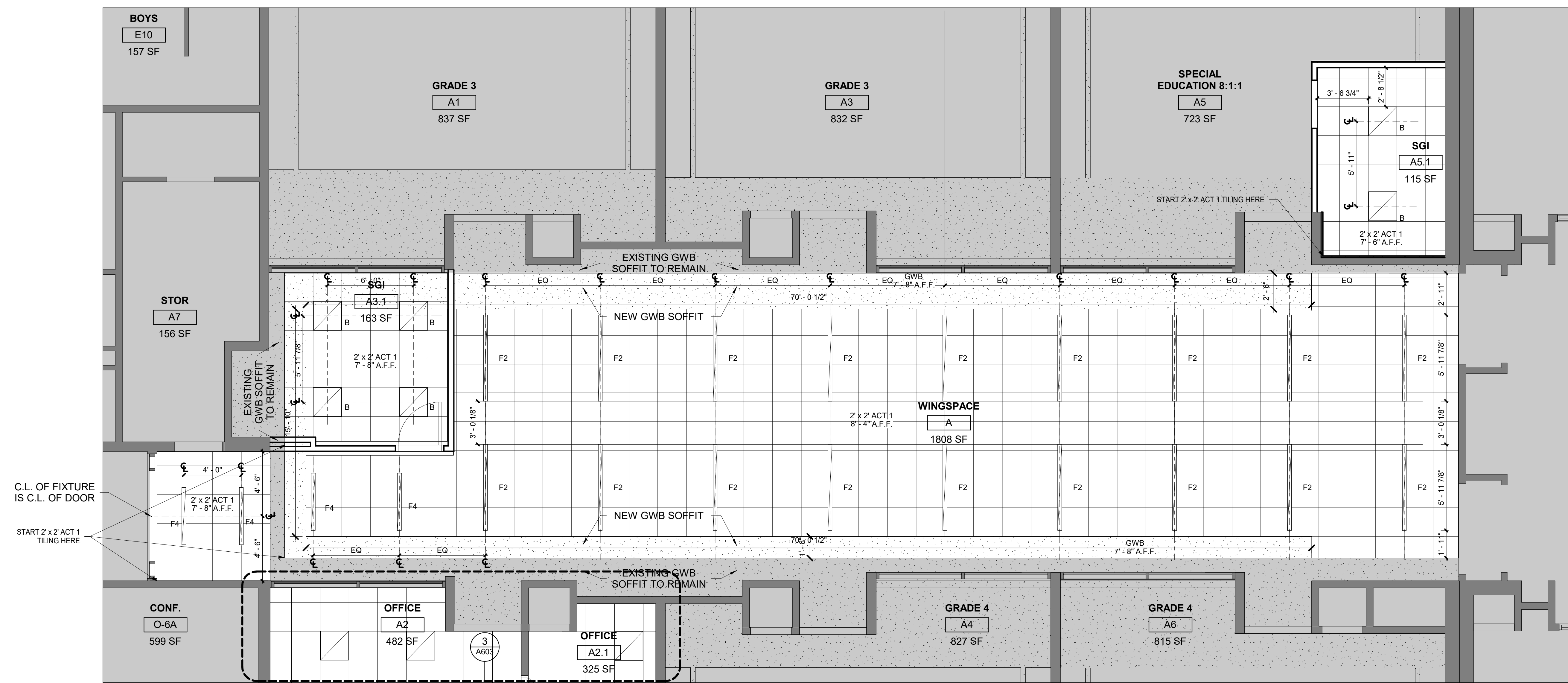
NY SED PROJECT CONTROL NUMBER

66-01-01-03-0-007-016

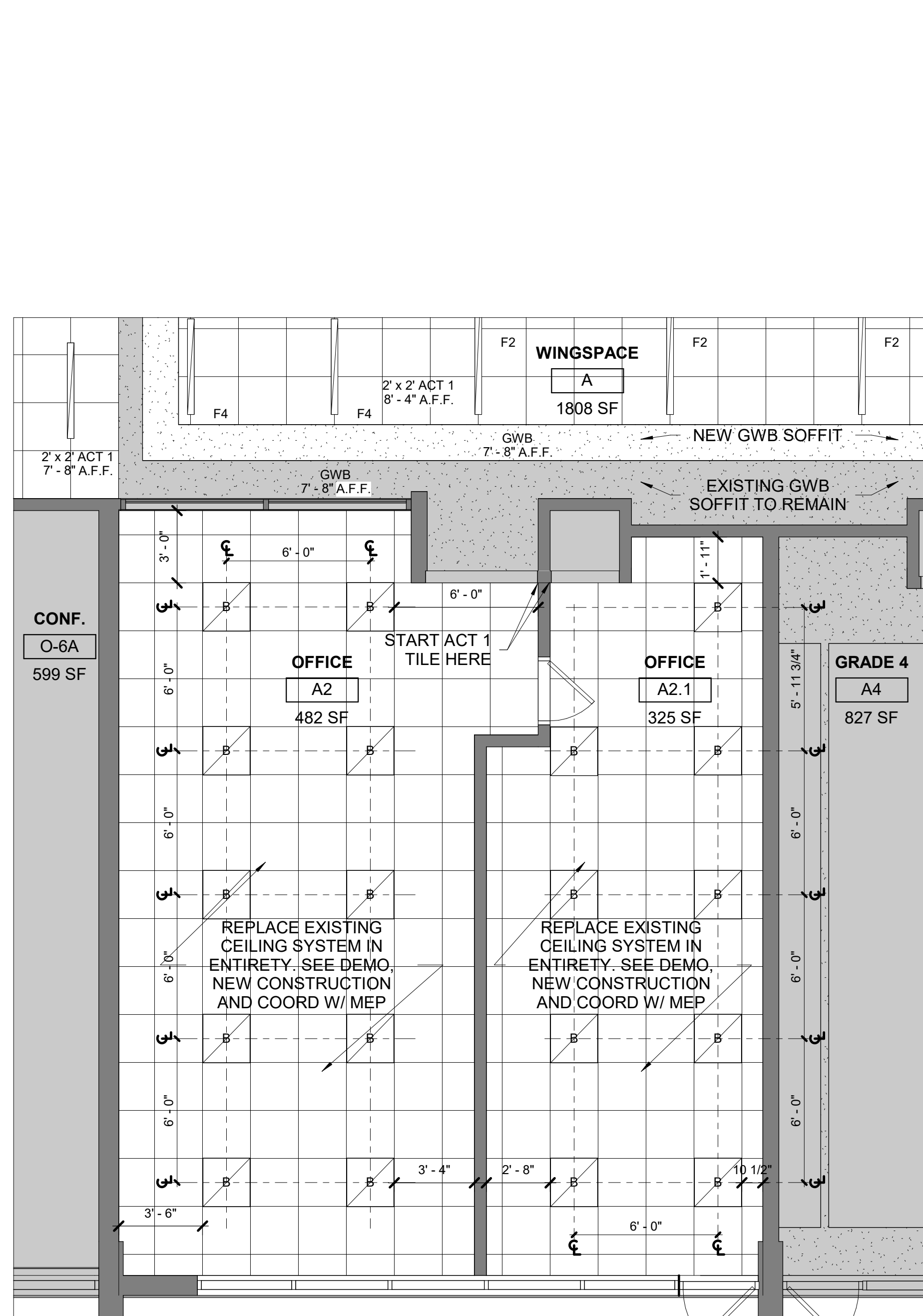
**CONSTRUCTION DOCUMENTS -
ISSUED FOR BID**

CEILING NOTES

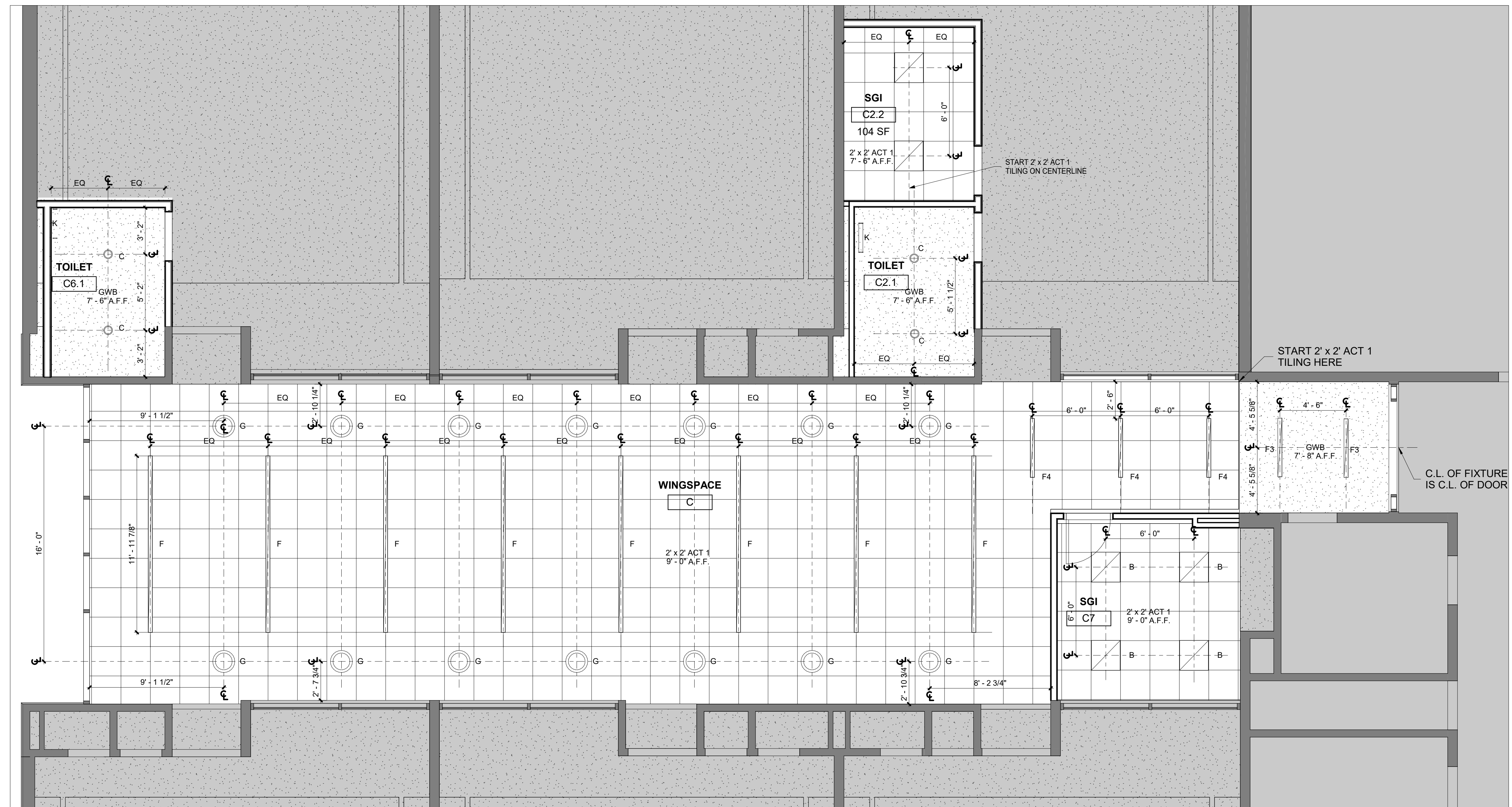
- 1 ■ DENOTES AREA OF NO ARCHITECTURAL WORK, UNLESS NOTED ELSEWHERE IN THE DOCUMENTS - SEE M.E.P. DWGS.
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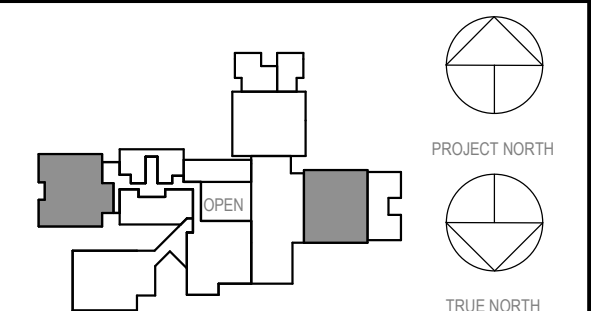
**1ST FLOOR RCP WING A + SGI + SPECIAL
CLASSROOM A5**
1/4" = 1'-0"



1ST FLOOR RCP - A2 + A2.1
1/4" = 1'-0"



**1ST FLOOR RCP WINGSPEACE C, SGI, SPECIAL
CLASSROOM C2 AND SPECIAL CLASSROOM C6**
1/4" = 1'-0"



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2	03.22.2024	ISSUED FOR BID
1	09.01.2023	NYSVED SUBMISSION
Rev	Date	Issue

**PARTIAL FIRST
FLOOR RCP -
WINGSPEACE A +
WINGSPEACE C**

Job No. 2023-1017 Date 03/12/2023
Scale AS NOTED Drawn / Checked RTM / RAD

Sheet Number

A603

**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

KATONAH-LEWISBORO
UFSD
185 SMITH RIDGE ROAD,
SOUTH SALEM, NY 10590



KG+D . ARCHITECTS PC
385 MAIN STREET MOUNT KISCO, NEW YORK 10549
P:914.666.5900 KGDARCHITECTS.COM

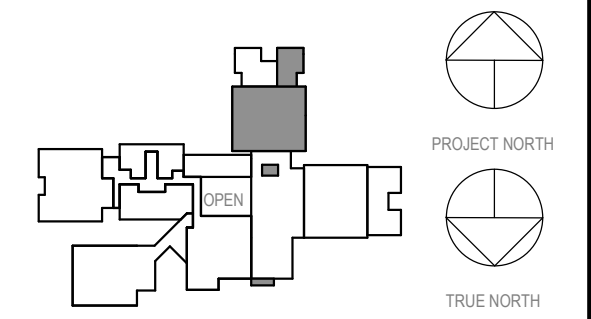
NY SED PROJECT CONTROL NUMBER

66-01-01-03-0-007-016

CONSTRUCTION DOCUMENTS -
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CEILING NOTES

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- 4 FINISH SCHEDULE - SEE DWG. A501
- 5 CEILING HEIGHTS SHOWN IN PLANS, SECTIONS, & DETAILS SHALL TAKE PRECEDENCE OVER HEIGHTS INDICATED ON SCHEDULES



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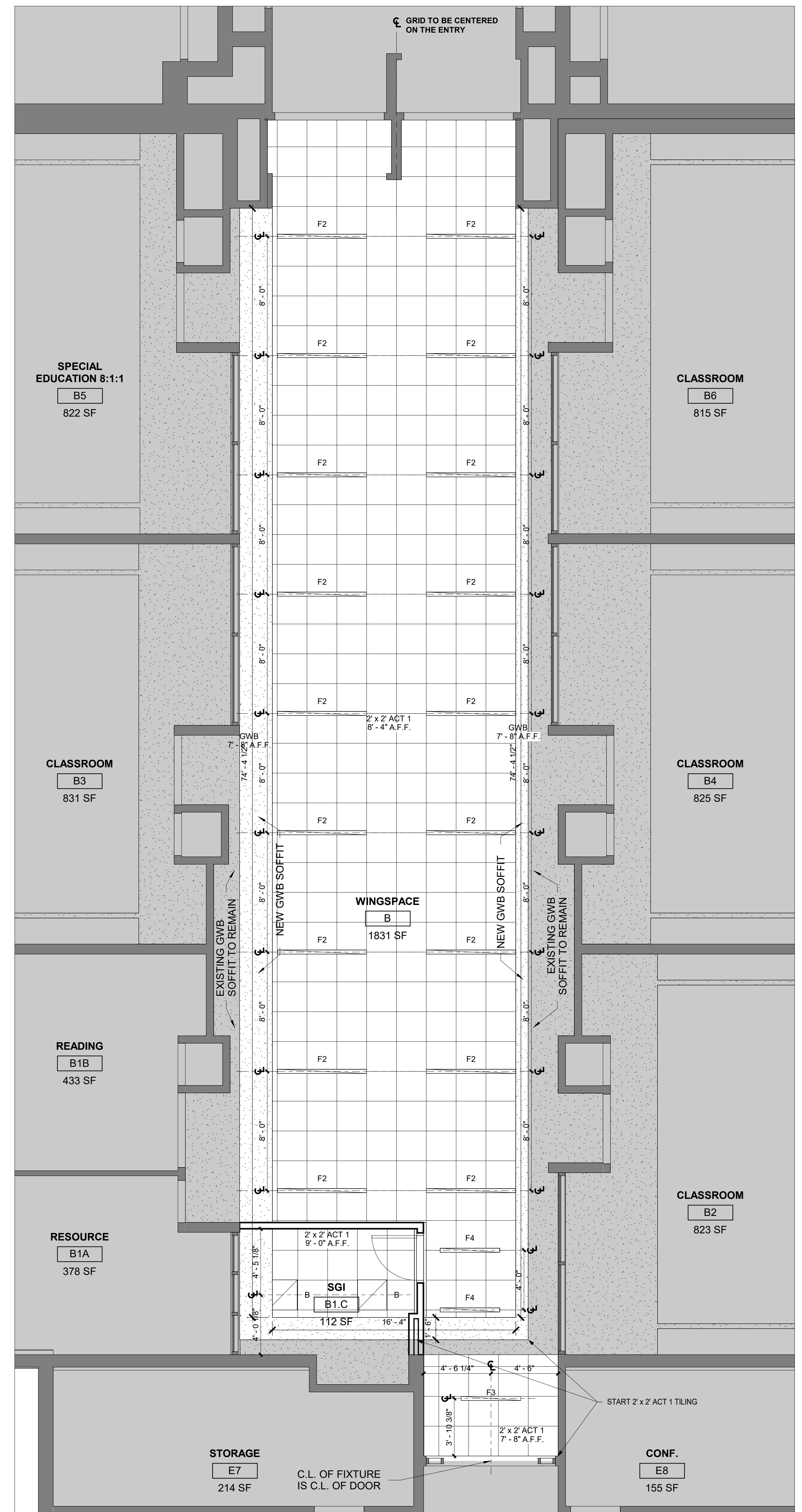
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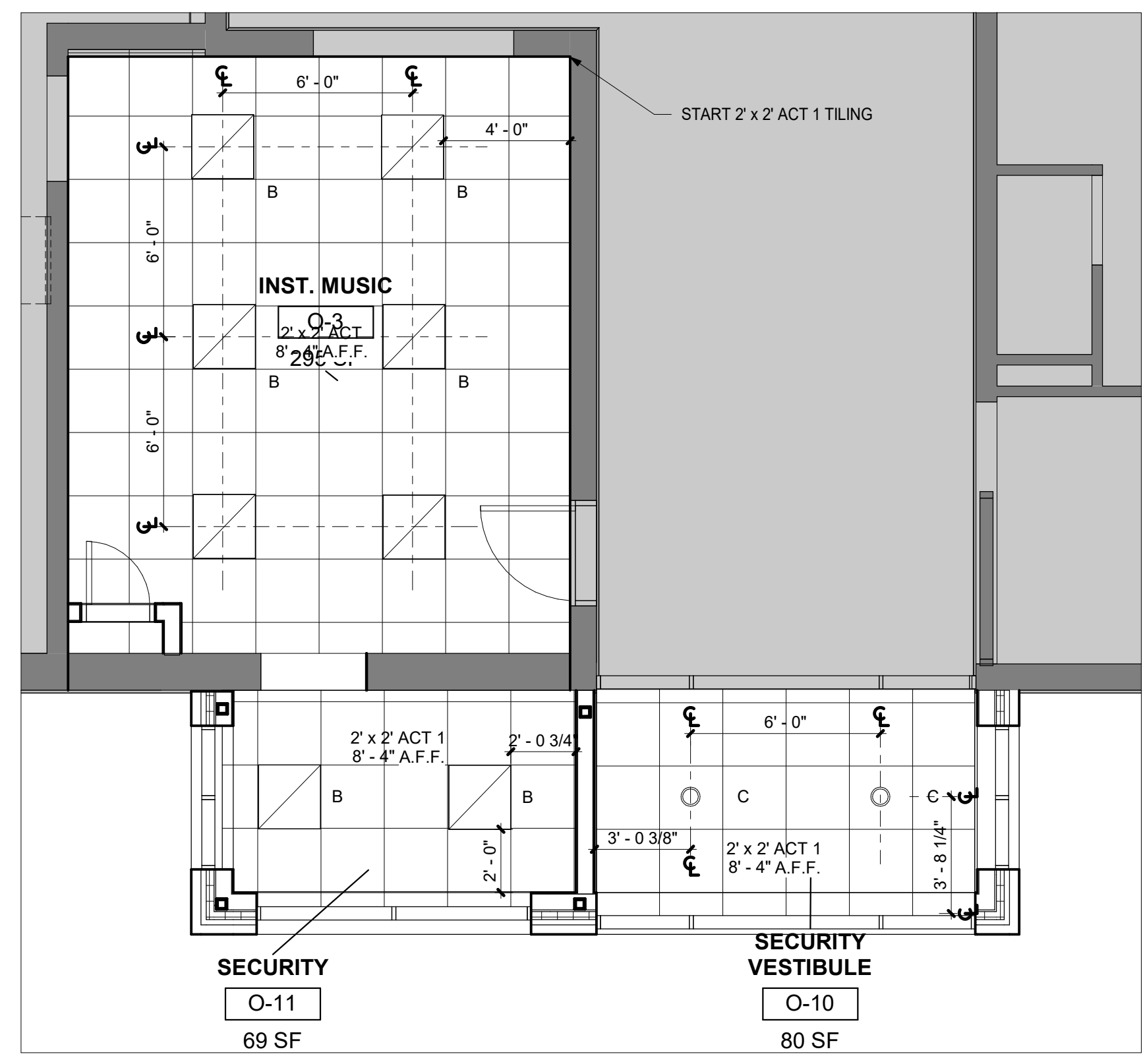
03/22/2024	ISSUED FOR BID	
09/01/2023	NYSED SUBMISSION	
No.	Date	Issue

**PARTIAL FIRST
FLOOR RCP
WINGSPACE B,
SECURITY**

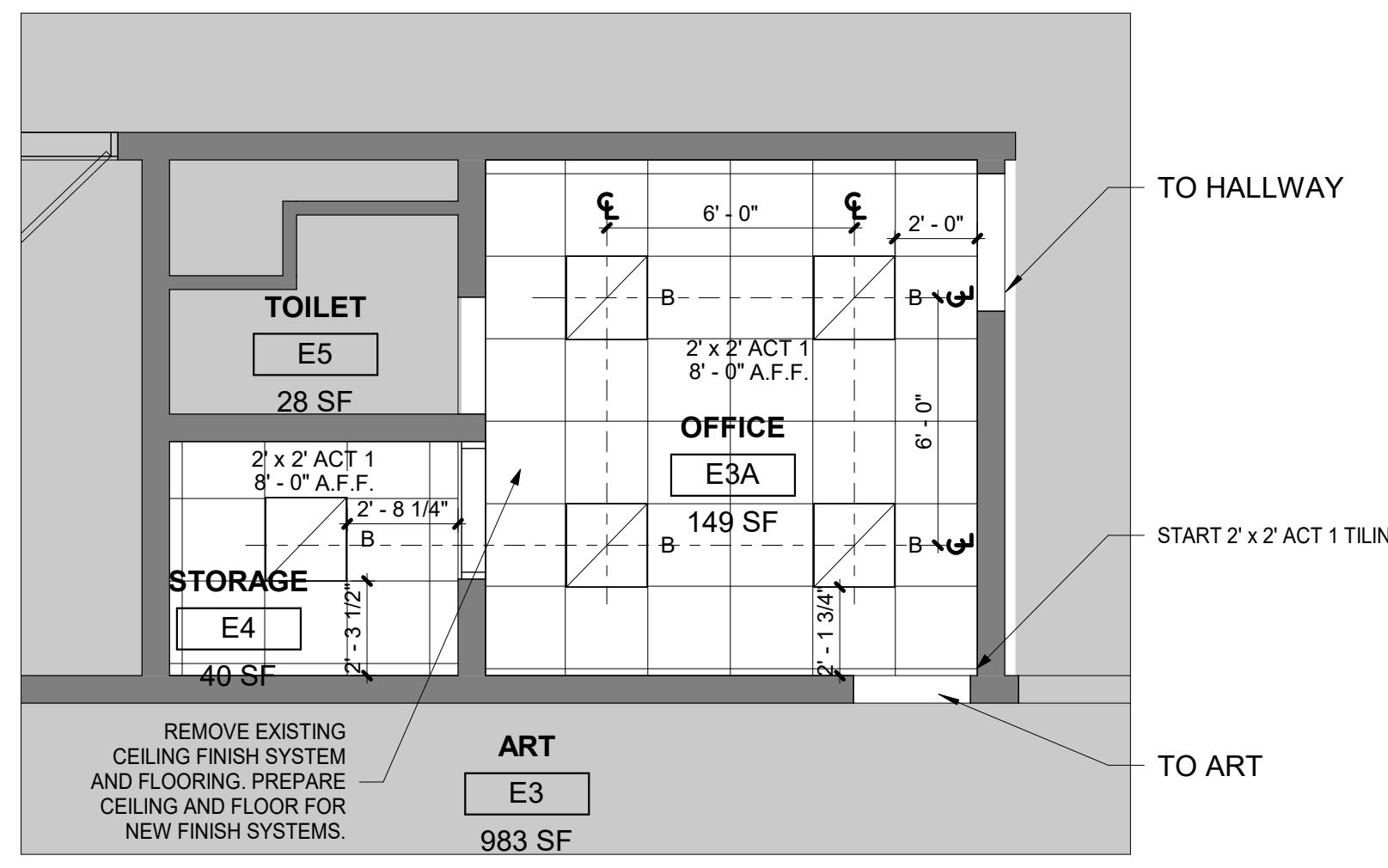
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Scale	AS NOTED	Drawn / Checked	RTM / RAD
Sheet Number	A604		



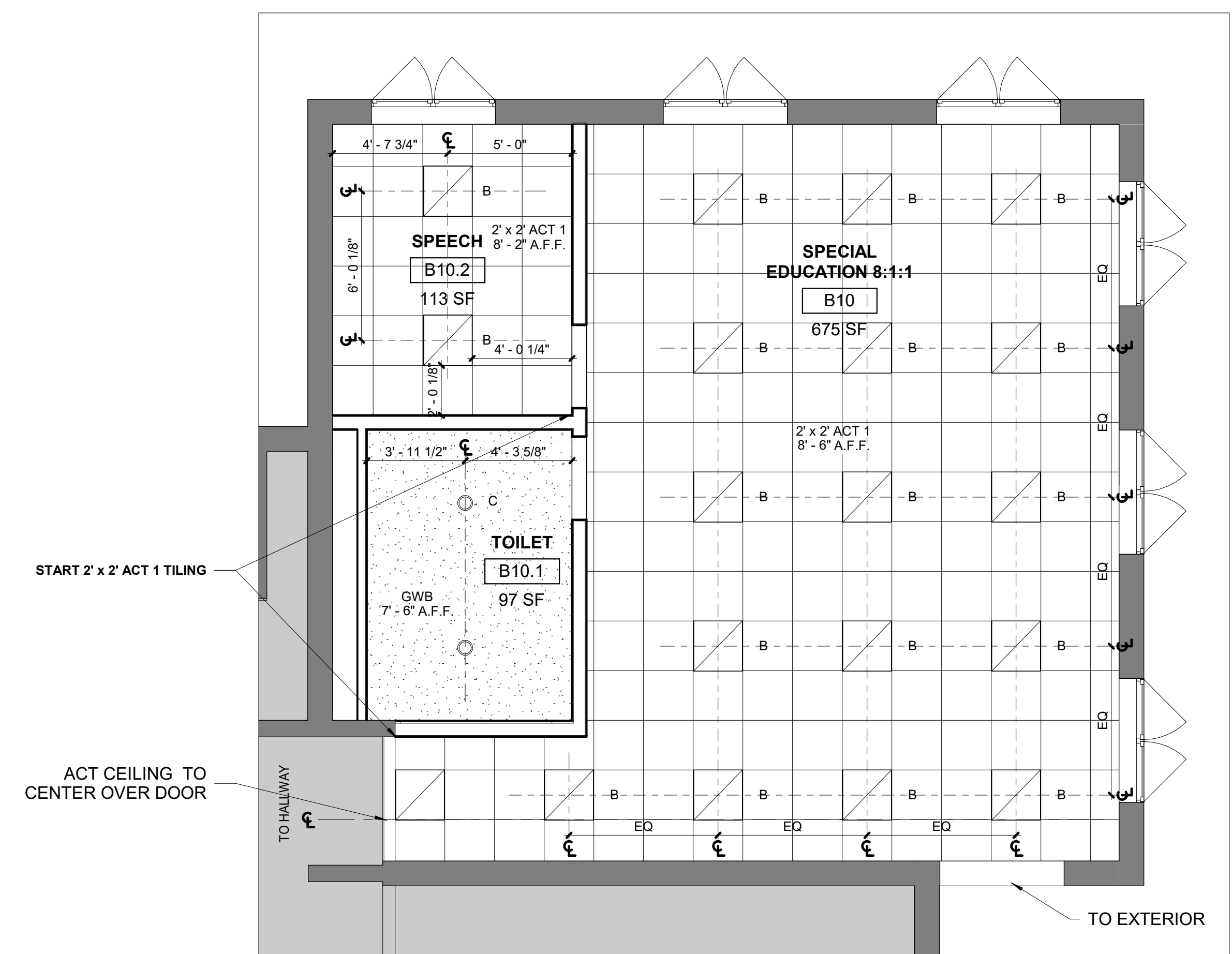
1 1ST FLOOR RCP WING B
1/4" = 1'-0"



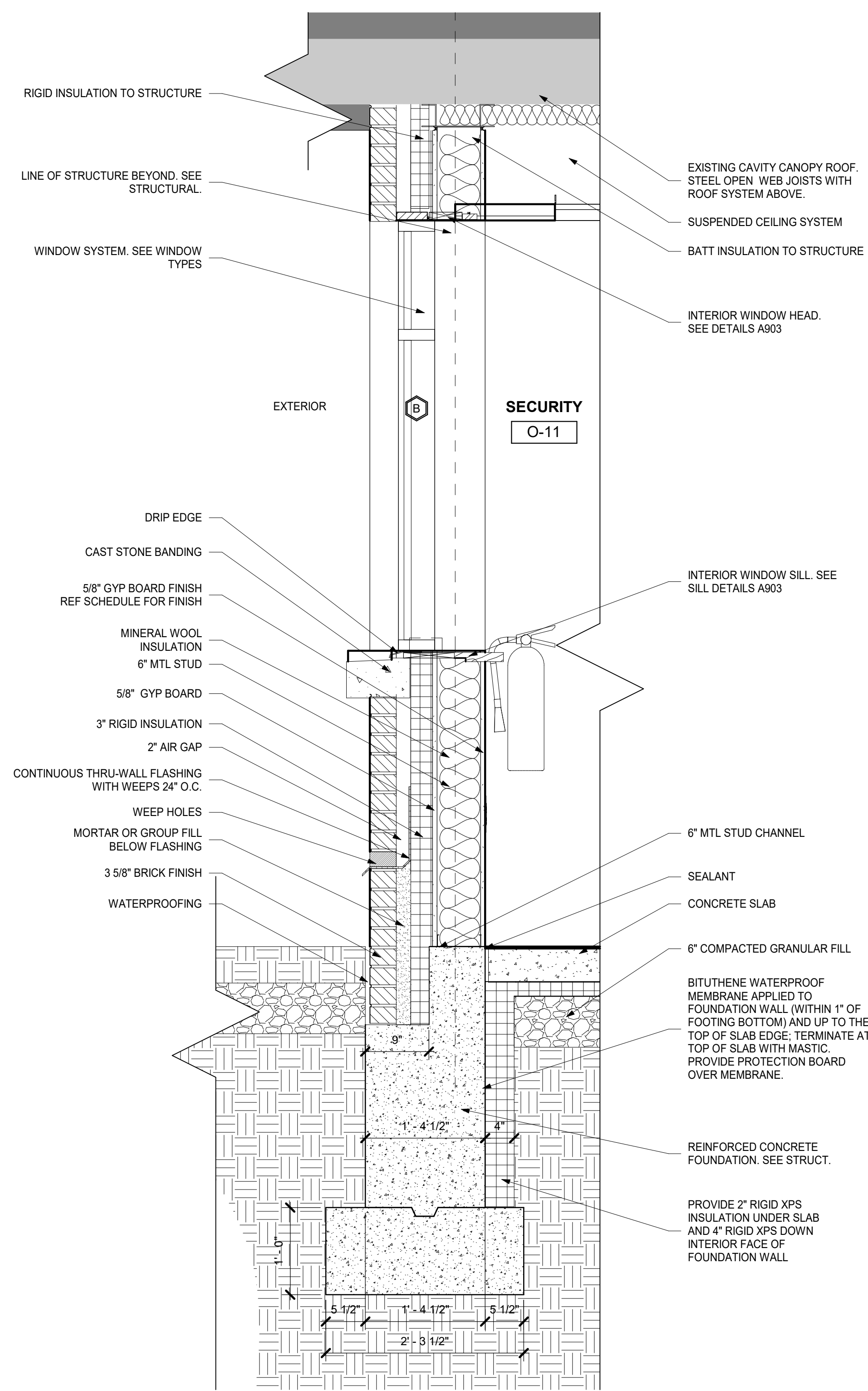
4 1ST FLOOR RCP SECURITY VESTIBULE
1/4" = 1'-0"



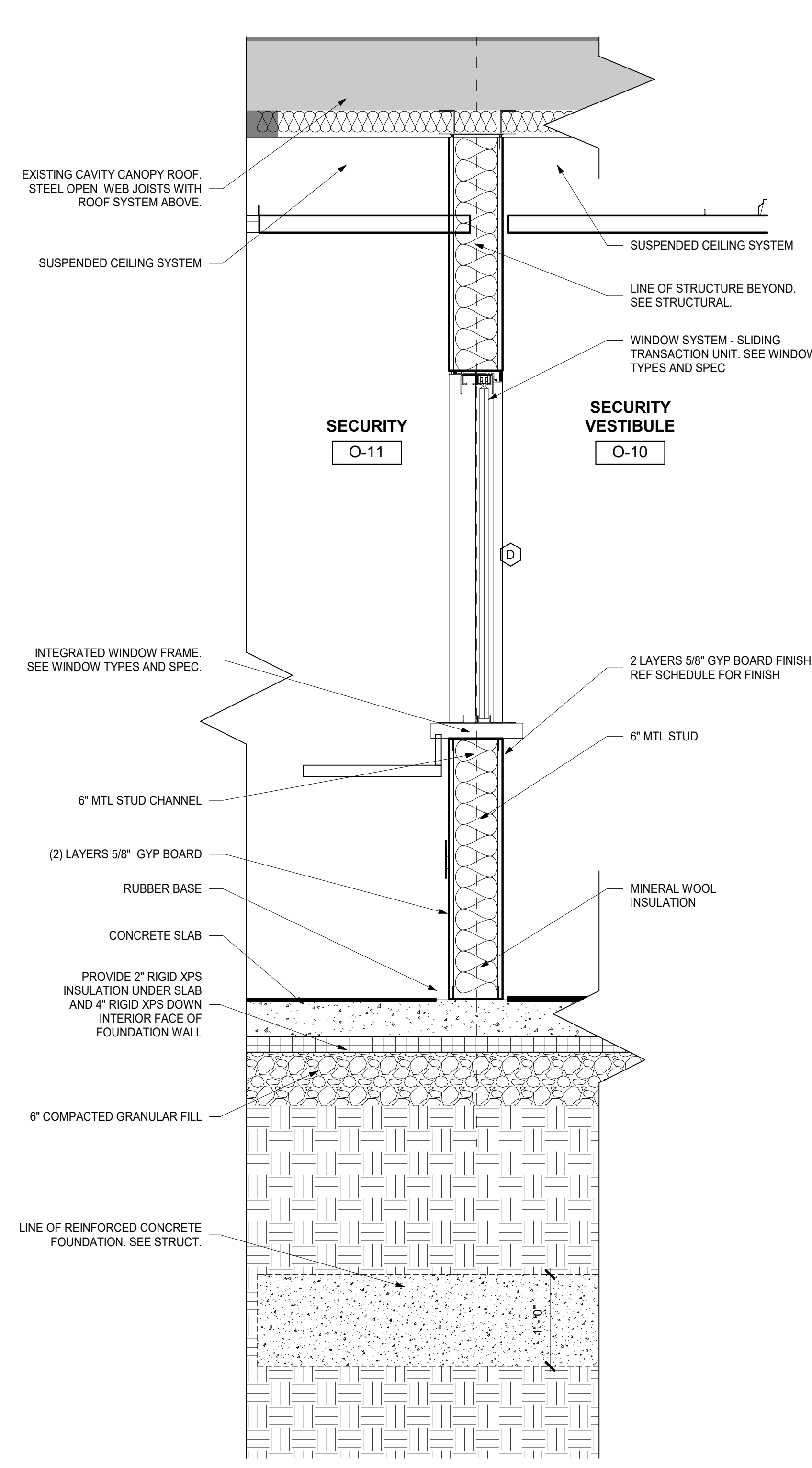
3 1ST FLOOR RCP ART ROOM
1/4" = 1'-0"



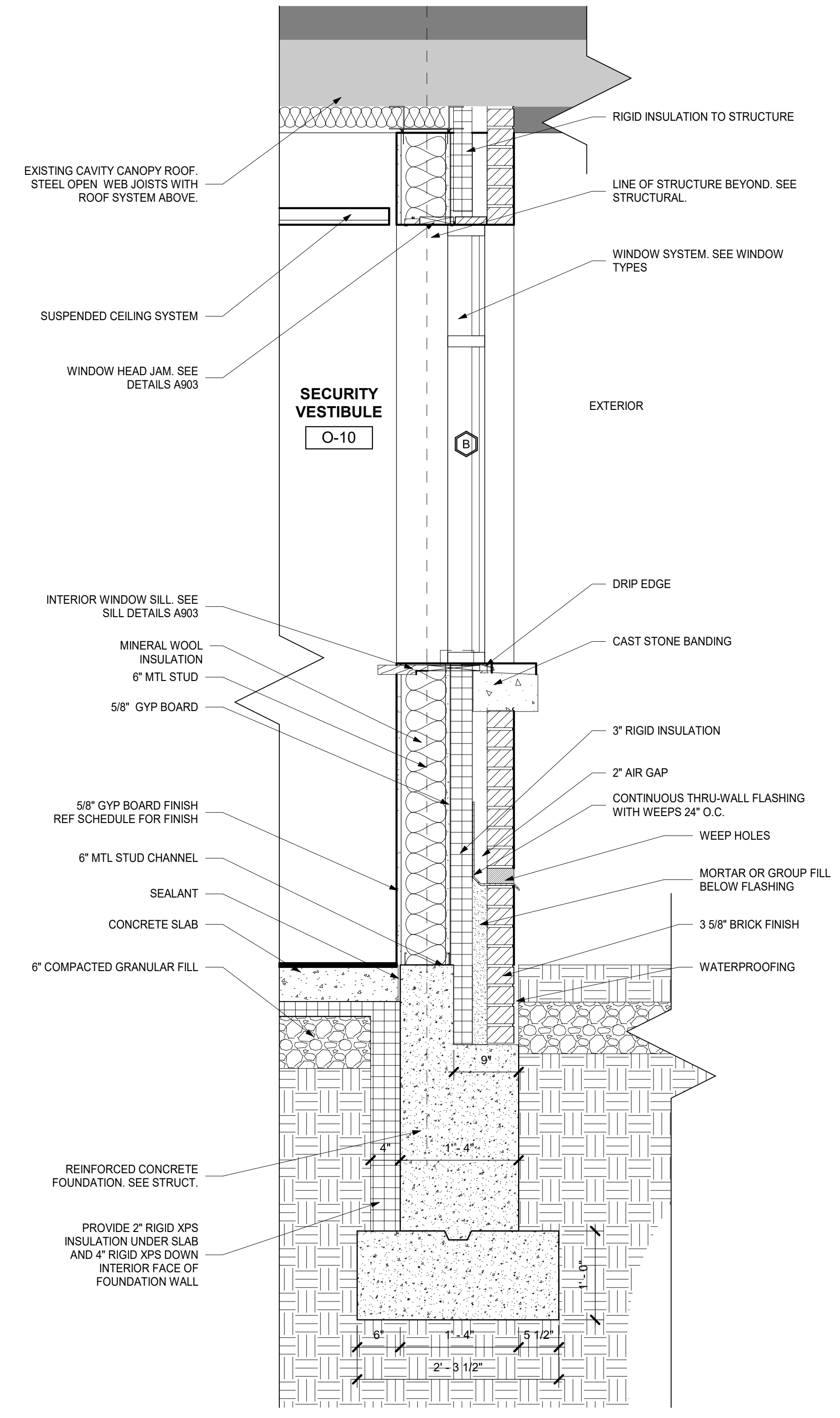
2 1ST FLOOR RCP SPECIAL ED CLASSROOM
1/4" = 1'-0"



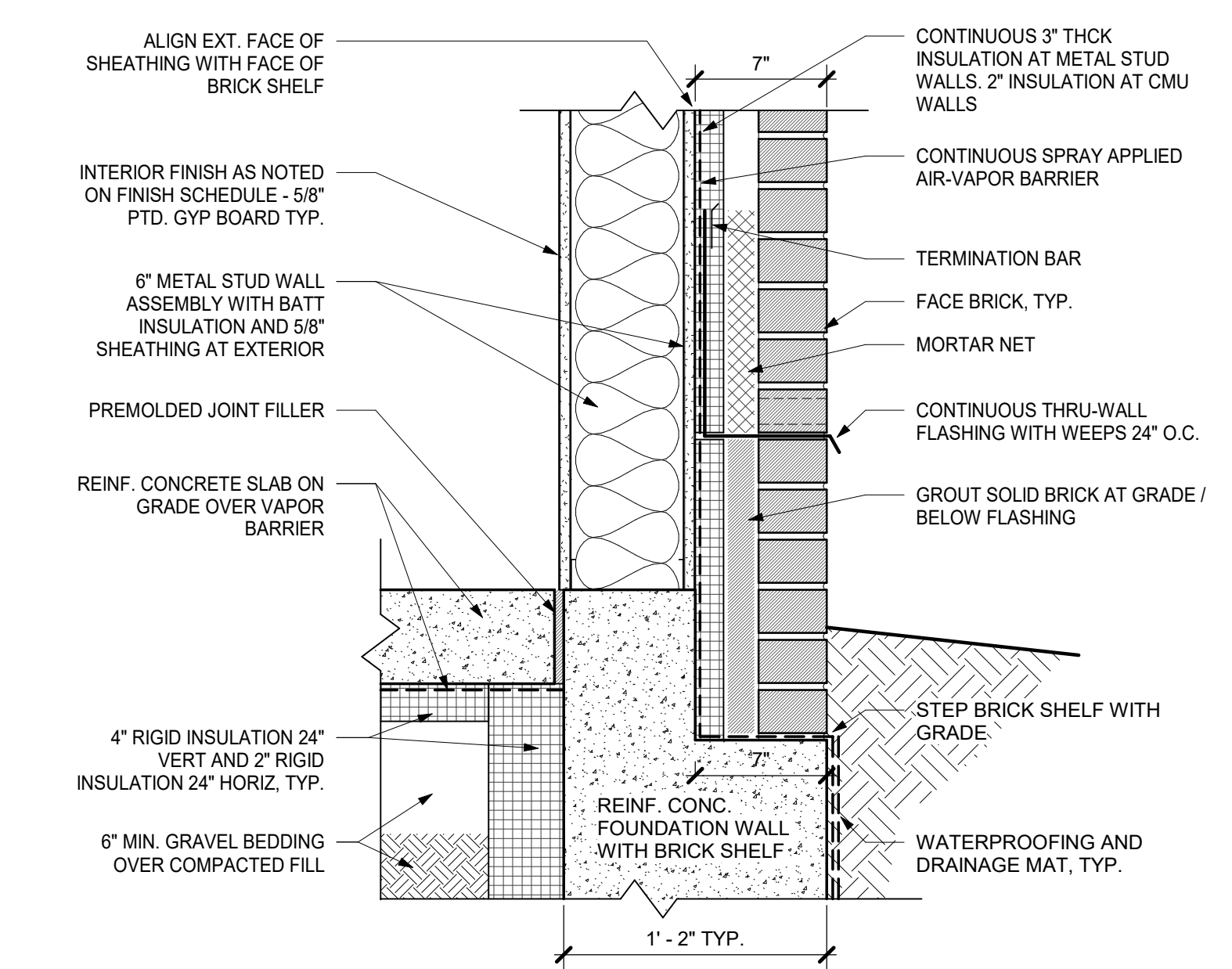
SECTION - EAST WEST AT NEW SECURITY
VESTIBULE - 3
1" = 1'-0"



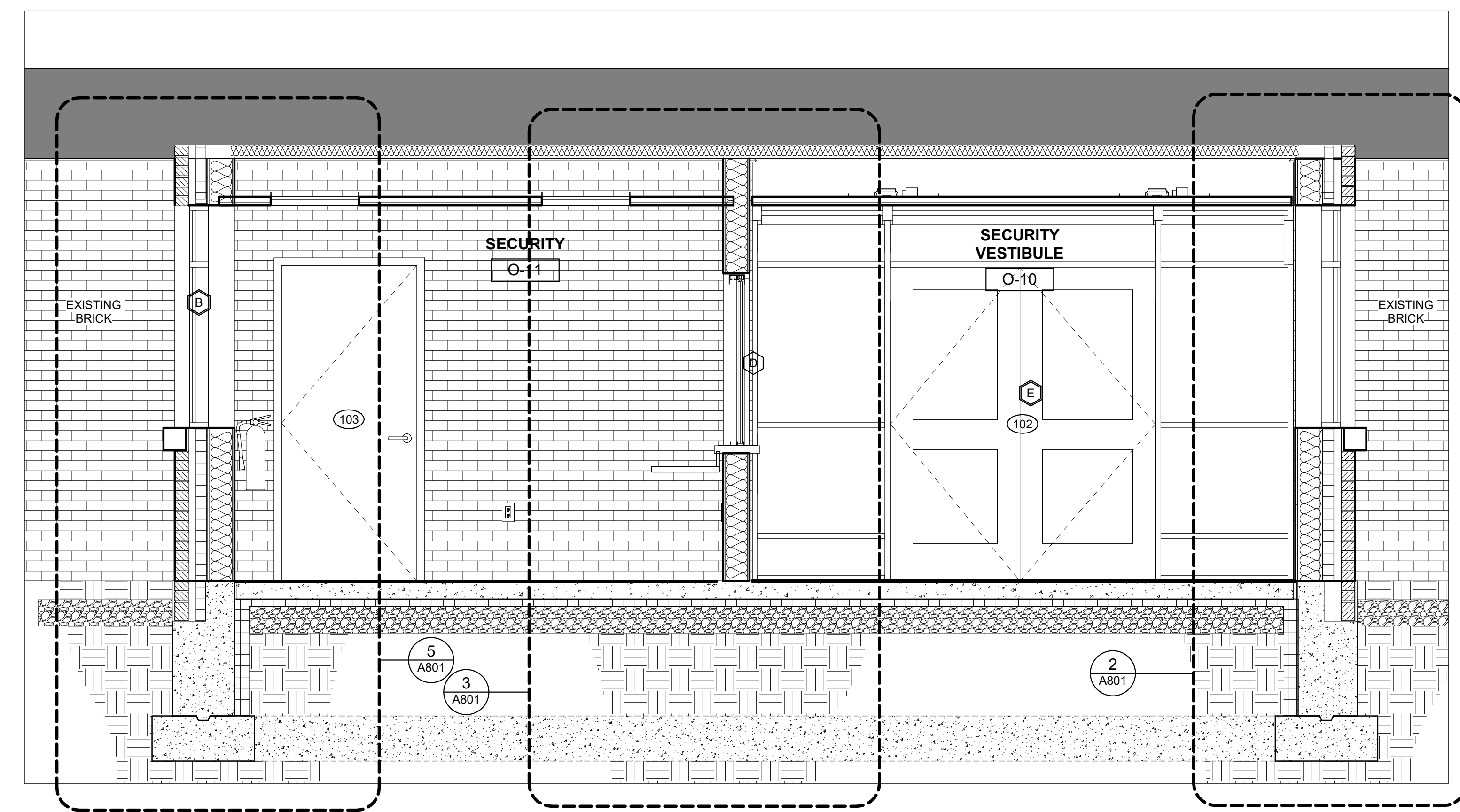
SECTION - EAST WEST AT NEW SECURITY
VESTIBULE - 2
1" = 1'-0"



SECTION - EAST WEST AT NEW SECURITY
VESTIBULE - 1
1" = 1'-0"



TYPICAL EXT WALL DETAIL
1 1/2" = 1'-0"



SECTION - EAST WEST AT NEW SECURITY
VESTIBULE
1/2" = 1'-0"

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2	03.22.2024	ISSUED FOR BID
1	09.01.2023	NYSED SUBMISSION
No.	Date	Issue

WALL SECTIONS

Job No.	2023-1017	Date	03/12/2023
Scale	AS NOTED	Drawn / Checked	RTM / RAD
Sheet Number	A801		

**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

KATONAH-LEWISBORO
UFSD
185 SMITH RIDGE ROAD,
SOUTH SALEM, NY 10590

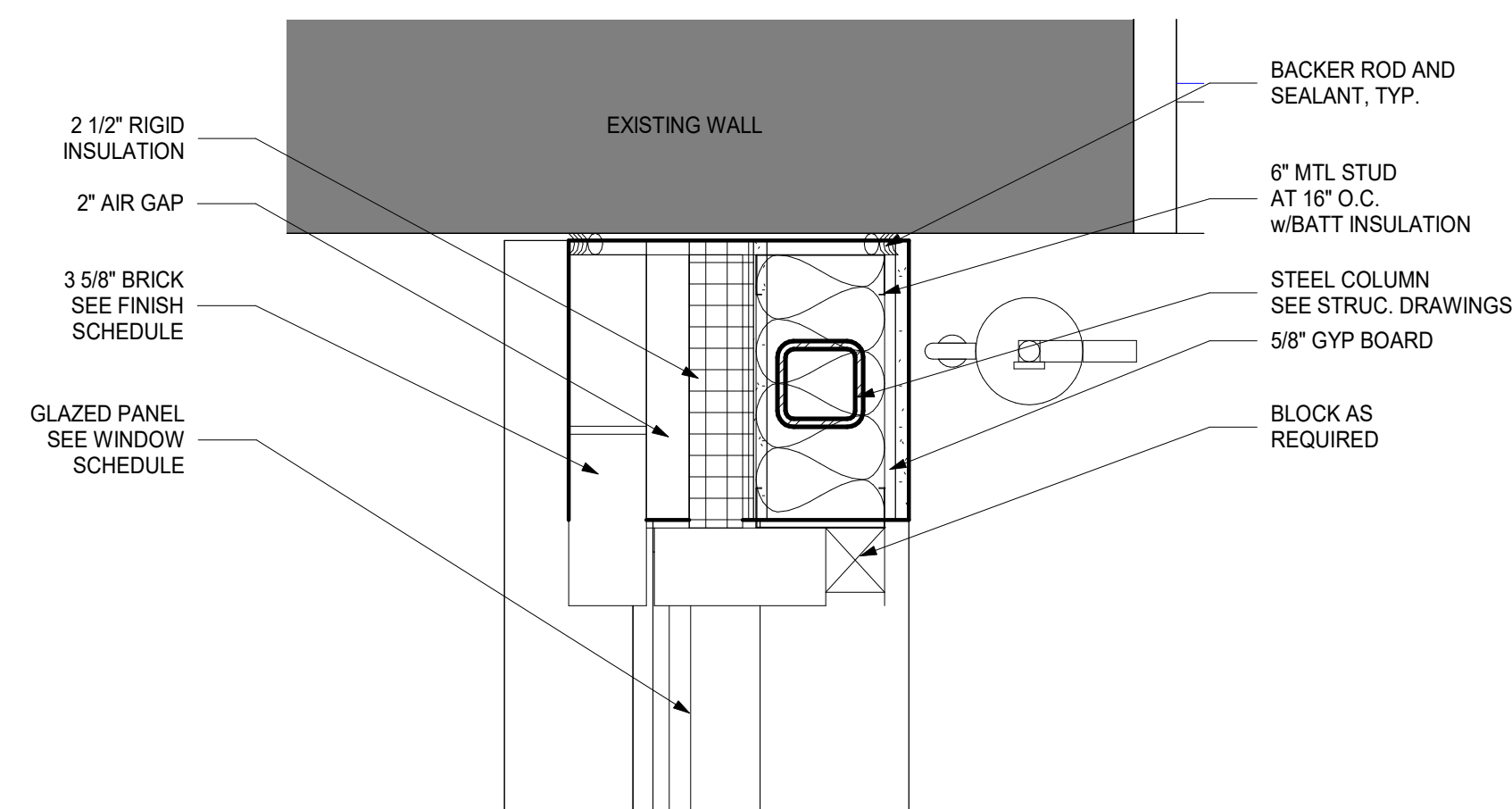


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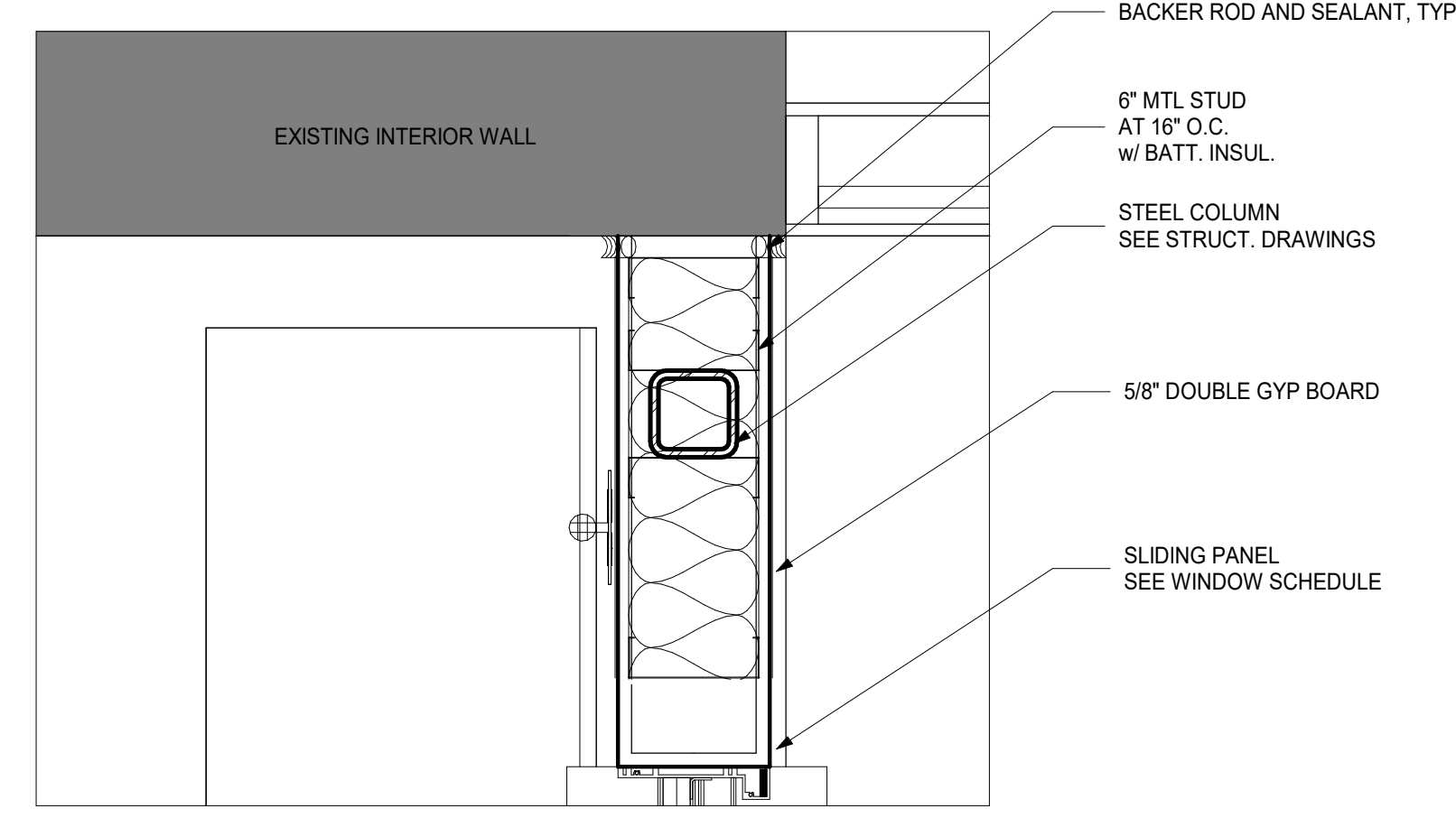
NY SED PROJECT CONTROL NUMBER

66-01-01-03-0-007-016

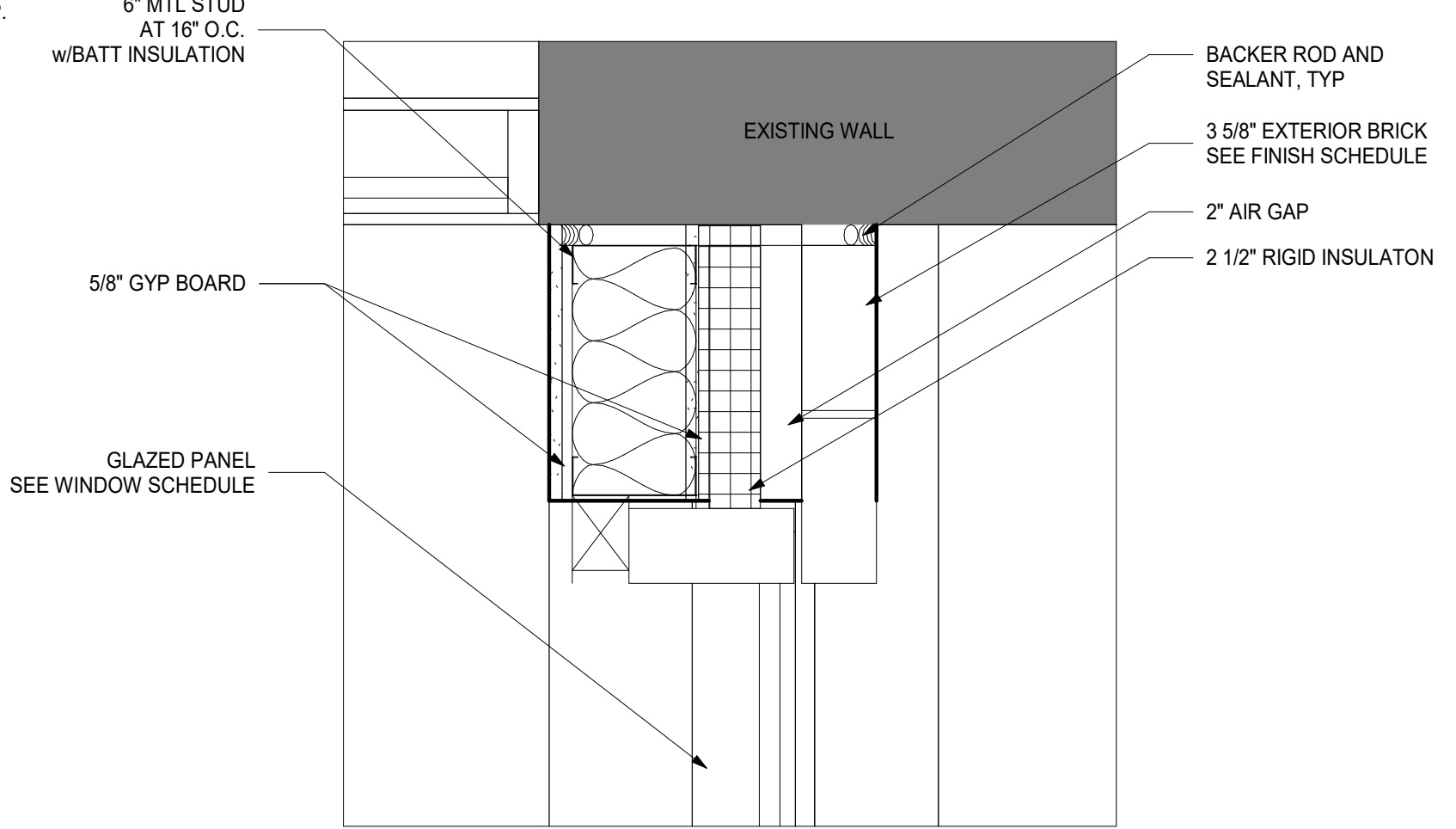
**CONSTRUCTION DOCUMENTS -
ISSUED FOR BID**



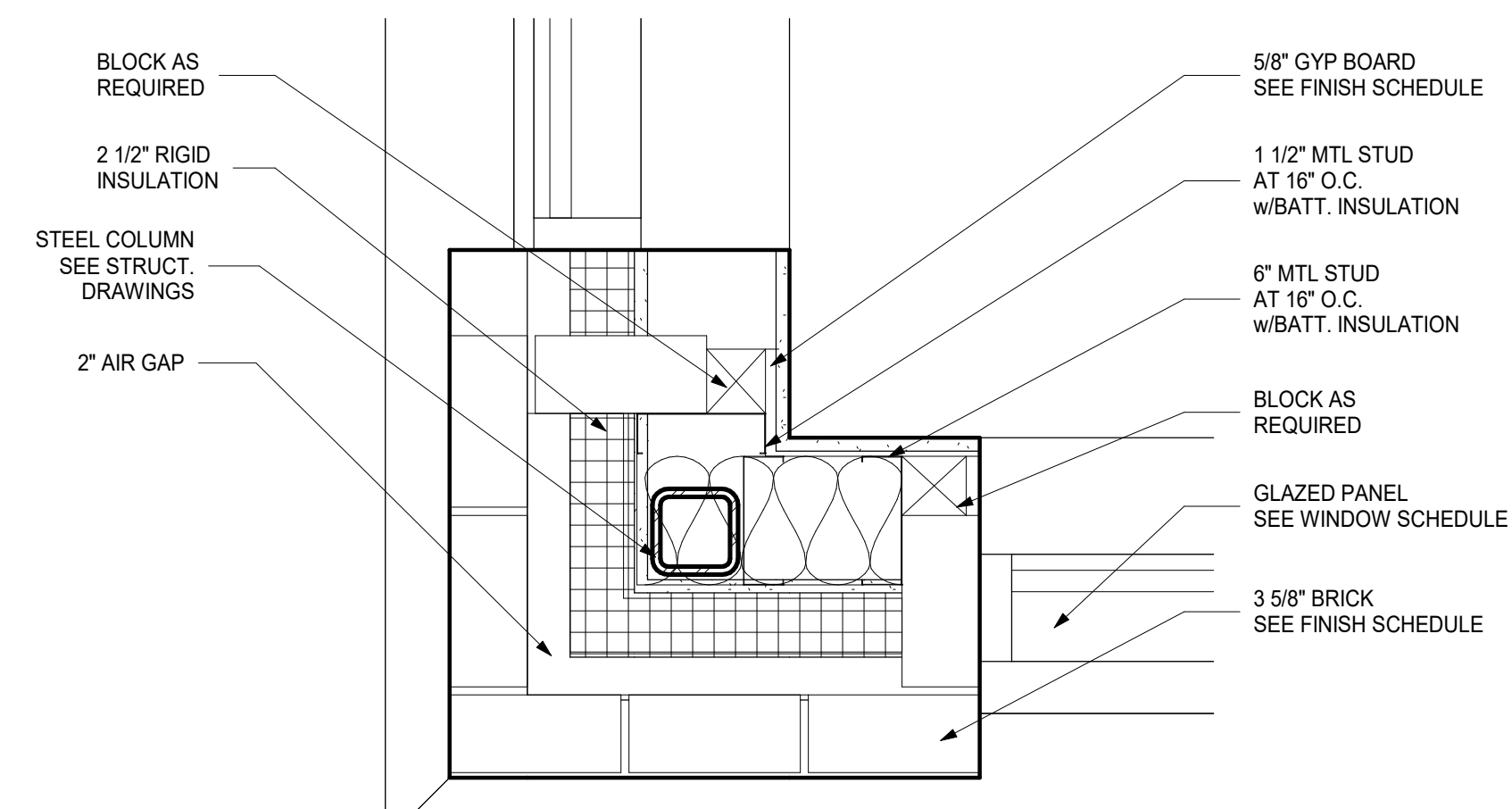
7 PLAN DETAIL - SECURITY OFFICE + EXIST. WALL
1 1/2" = 1'-0"



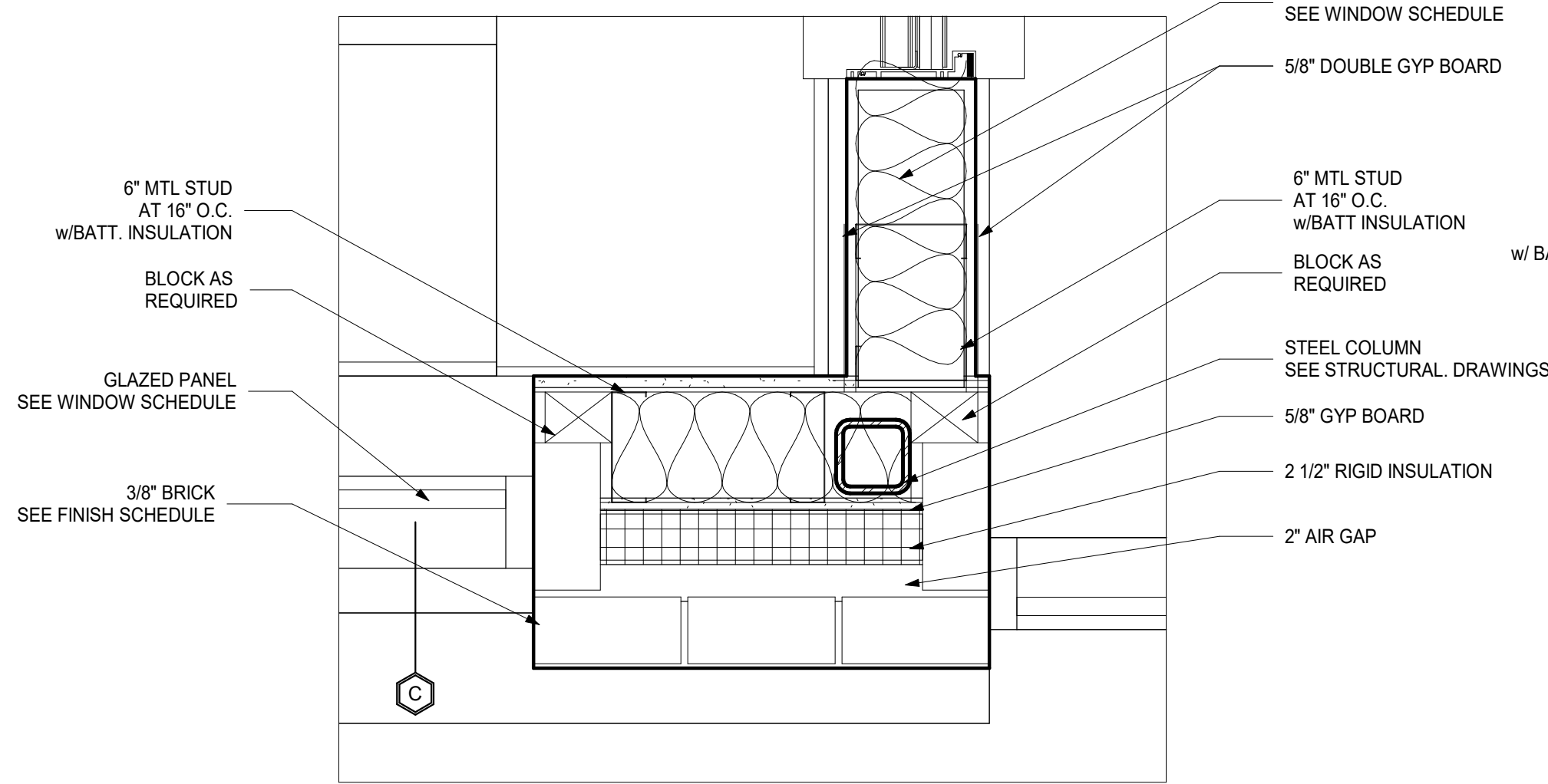
**5 PLAN DETAIL - SECURITY OFFICE + EXIST. WALL +
VESTIBULE**
1 1/2" = 1'-0"



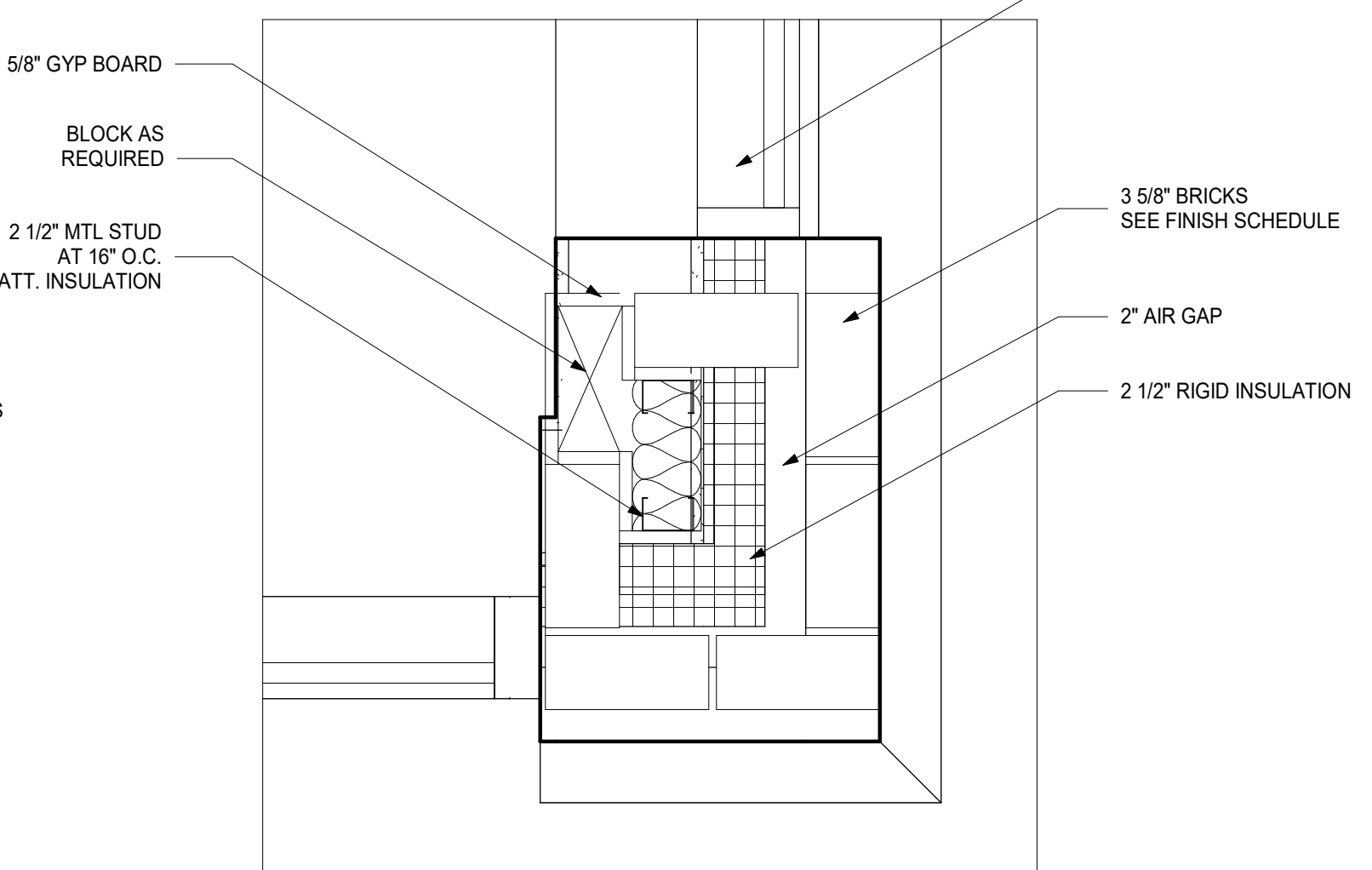
3 PLAN DETAIL - SECURITY + EXISTING WALL
1 1/2" = 1'-0"



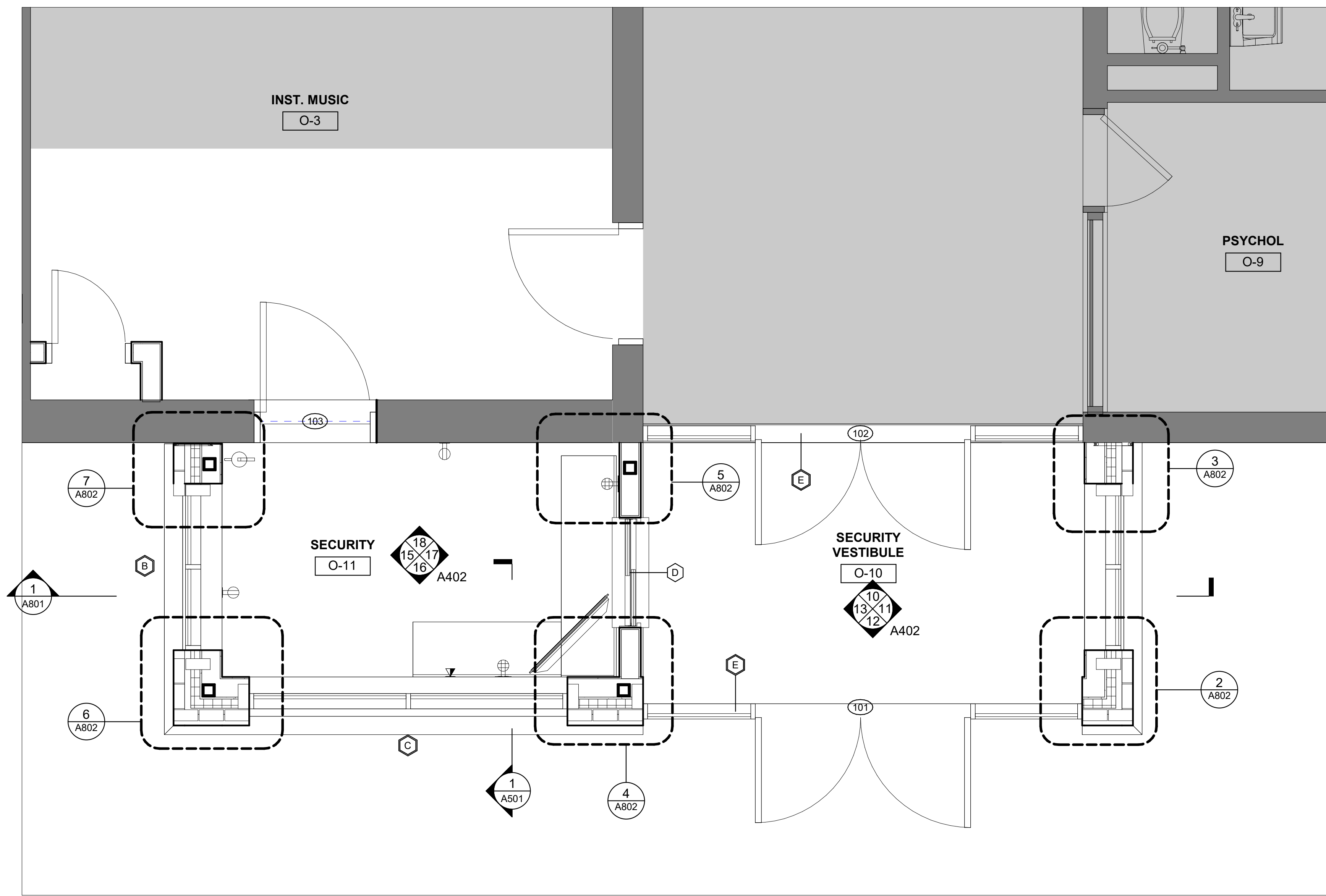
6 PLAN DETAIL - SECURITY OFFICE CORNER
1 1/2" = 1'-0"



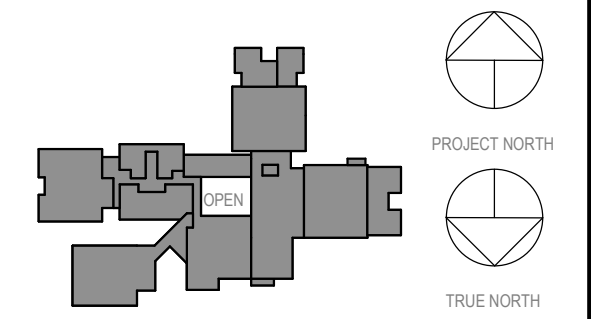
4 PLAN DETAIL - SECURITY VESTIBULE CORNER
1 1/2" = 1'-0"



2 PLAN DETAIL - VESTIBULE CORNER
1 1/2" = 1'-0"



1 ENLARGED PLAN - SECURITY VESTIBULE DETAILS
1/2" = 1'-0"



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Professional Seal

No.	Date	Issue
2	03.22.2024	ISSUED FOR BID
1	09.01.2023	NYS ED SUBMISSION

Sheet Title

PLAN DETAILS

Job No.	2023-1017	Date	03/12/2023
Scale	AS NOTED	Drawn / Checked	RTM / RAD

Sheet Number
A802

**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

KATONAH-LEWISBORO
UFSD
185 SMITH RIDGE ROAD,
SOUTH SALEM, NY 10590

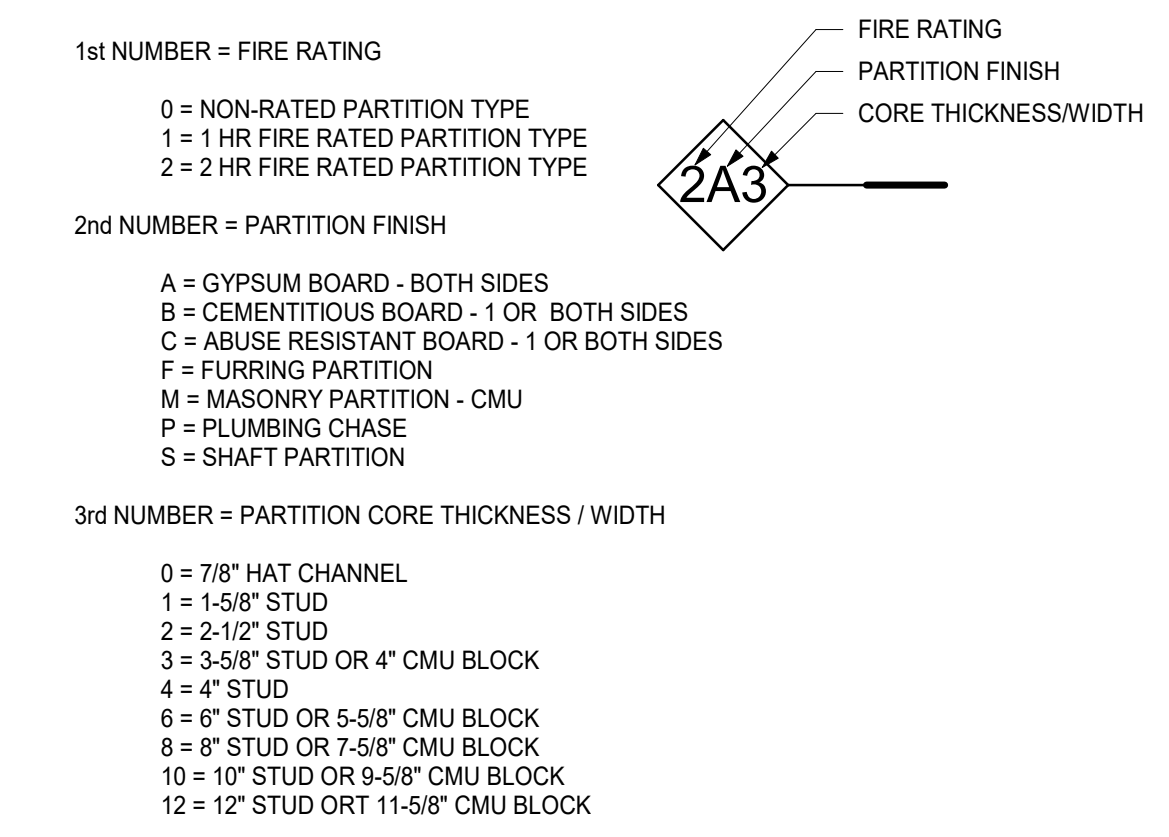


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385 MAIN STREET MOUNT KISCO, NEW YORK, 10549
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NY SED PROJECT CONTROL NUMBER
66-01-01-03-0-007-016

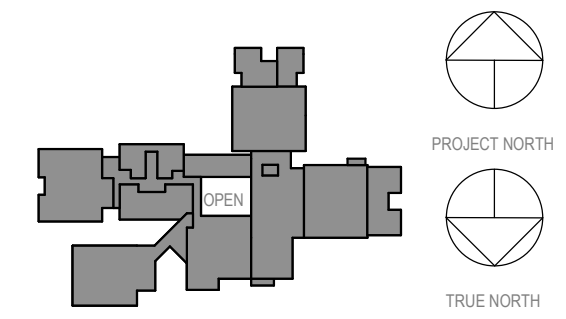
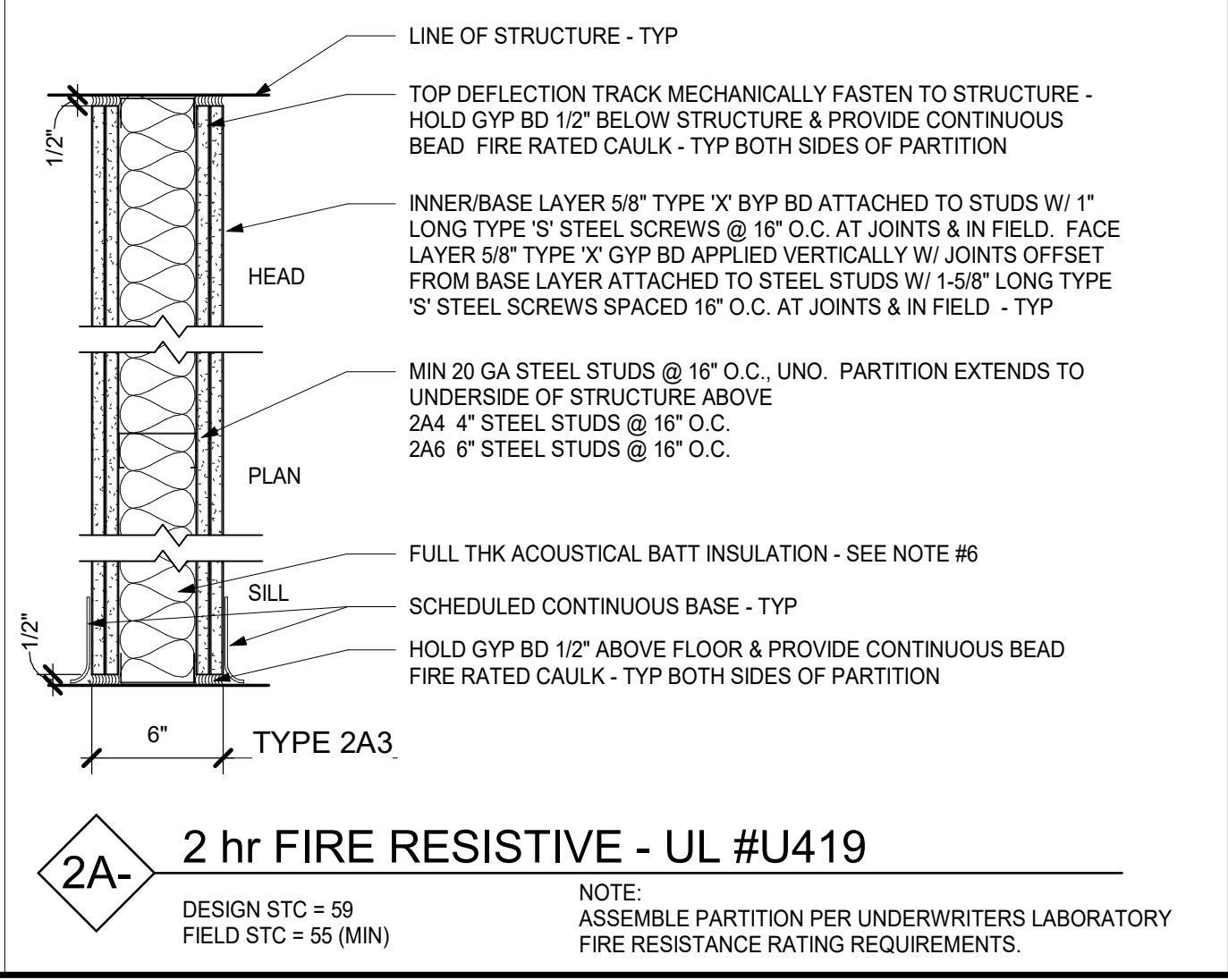
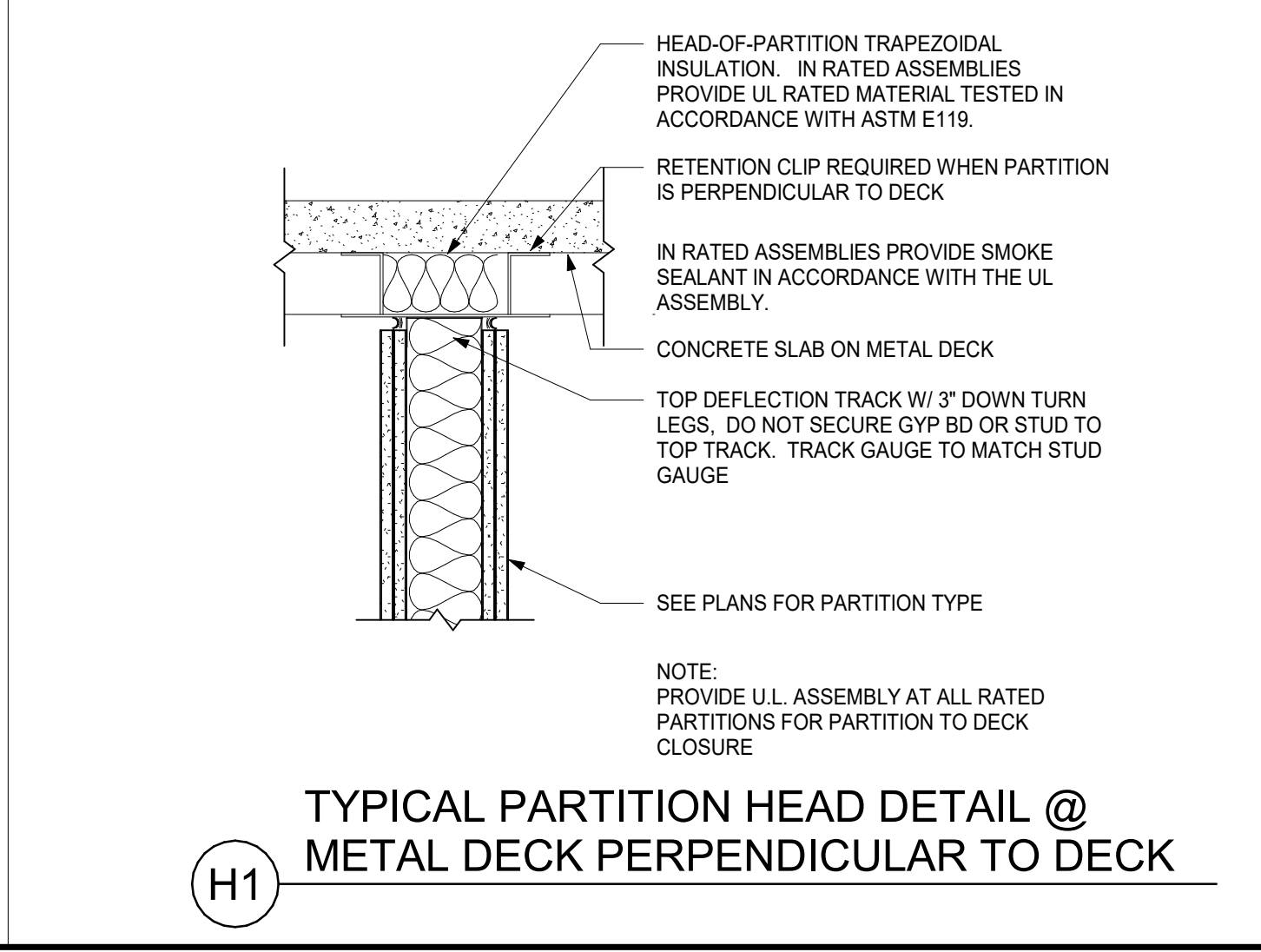
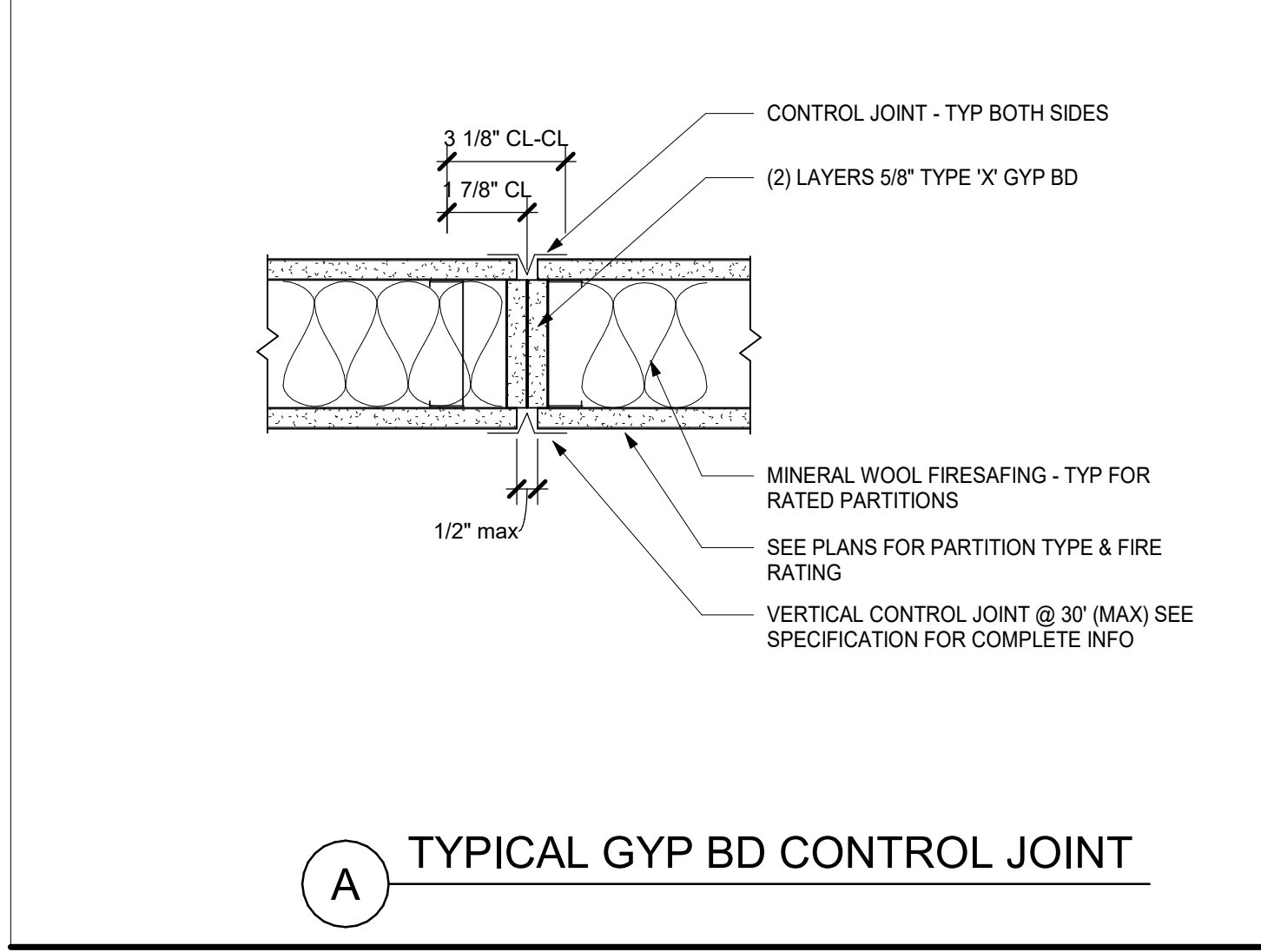
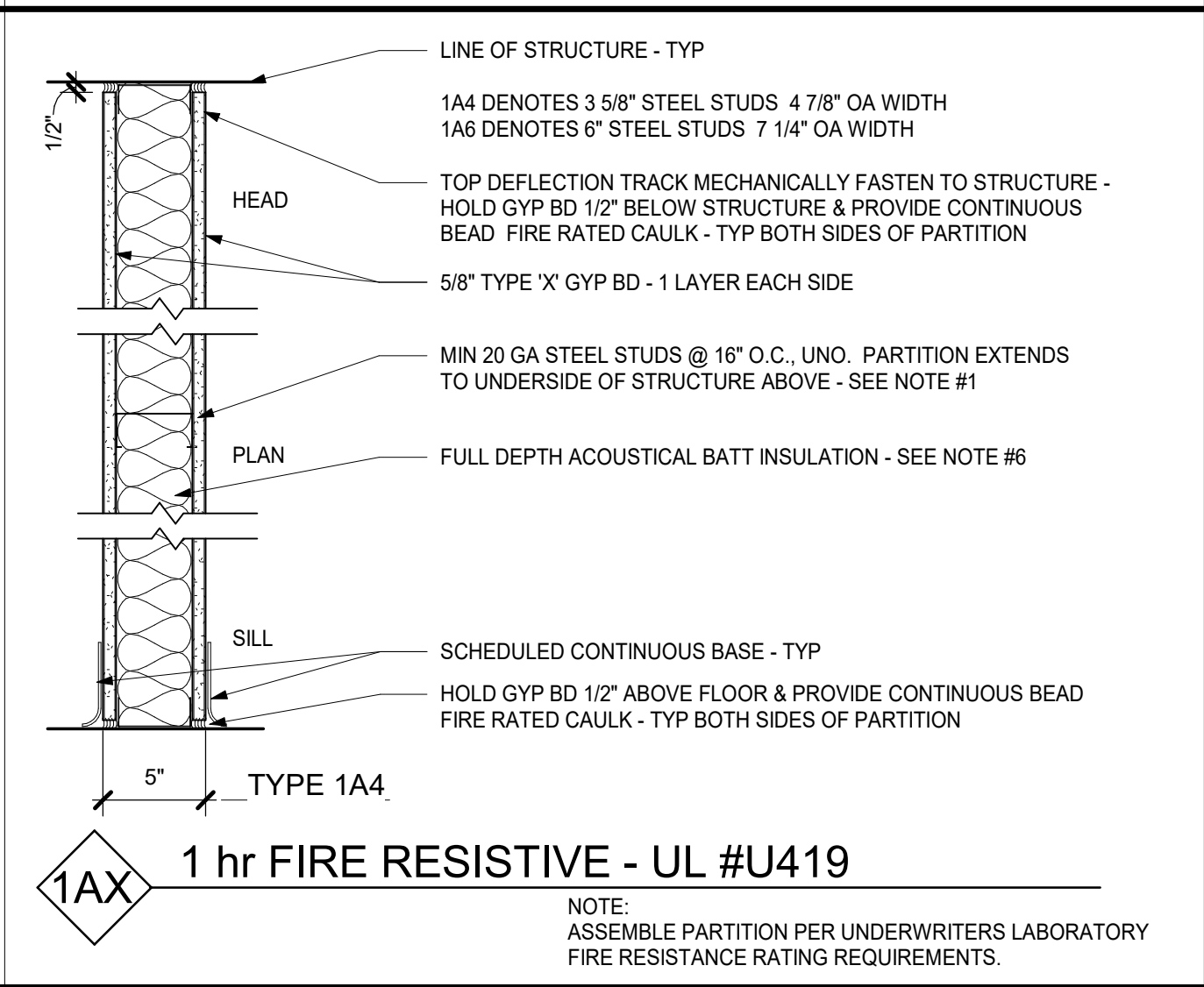
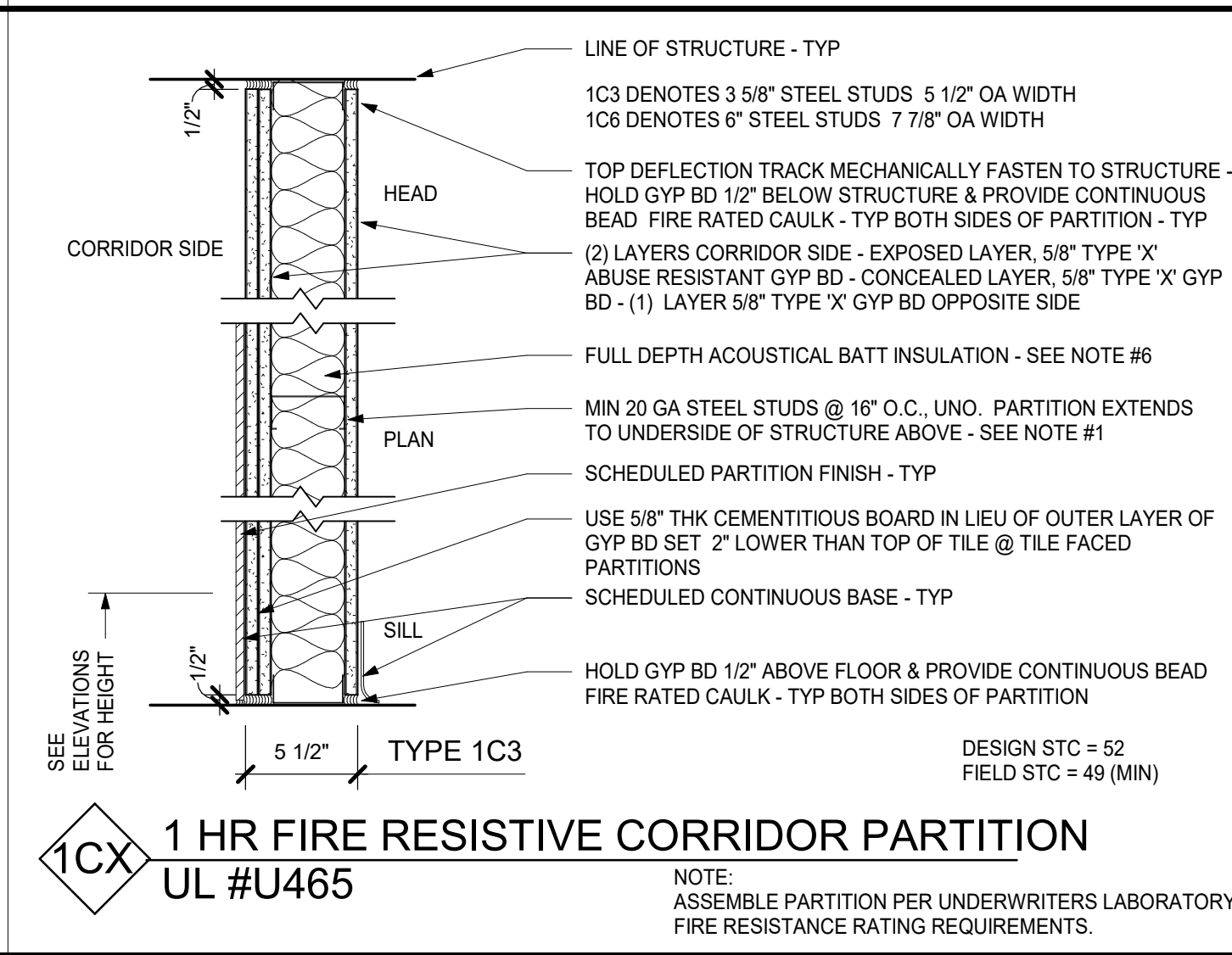
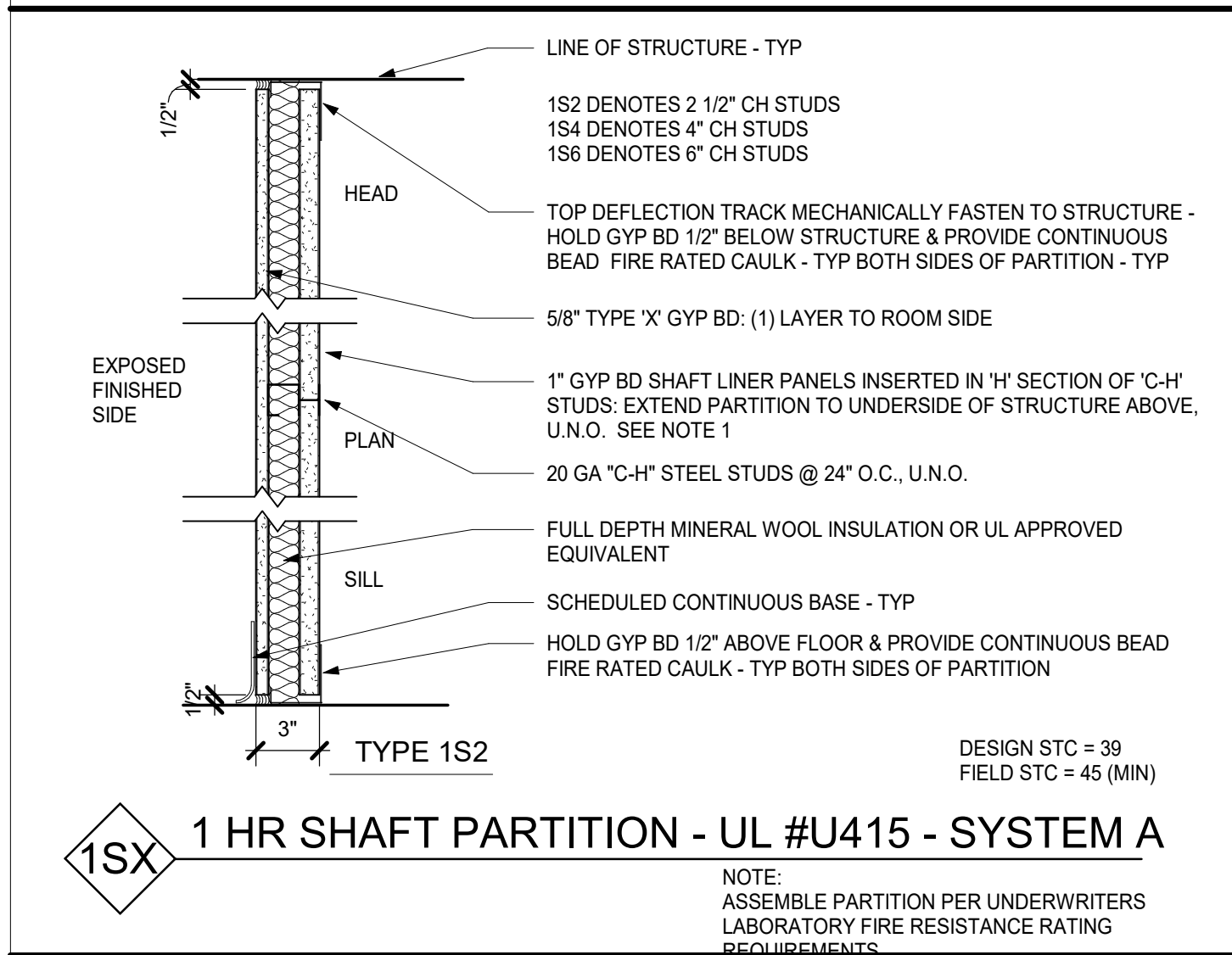
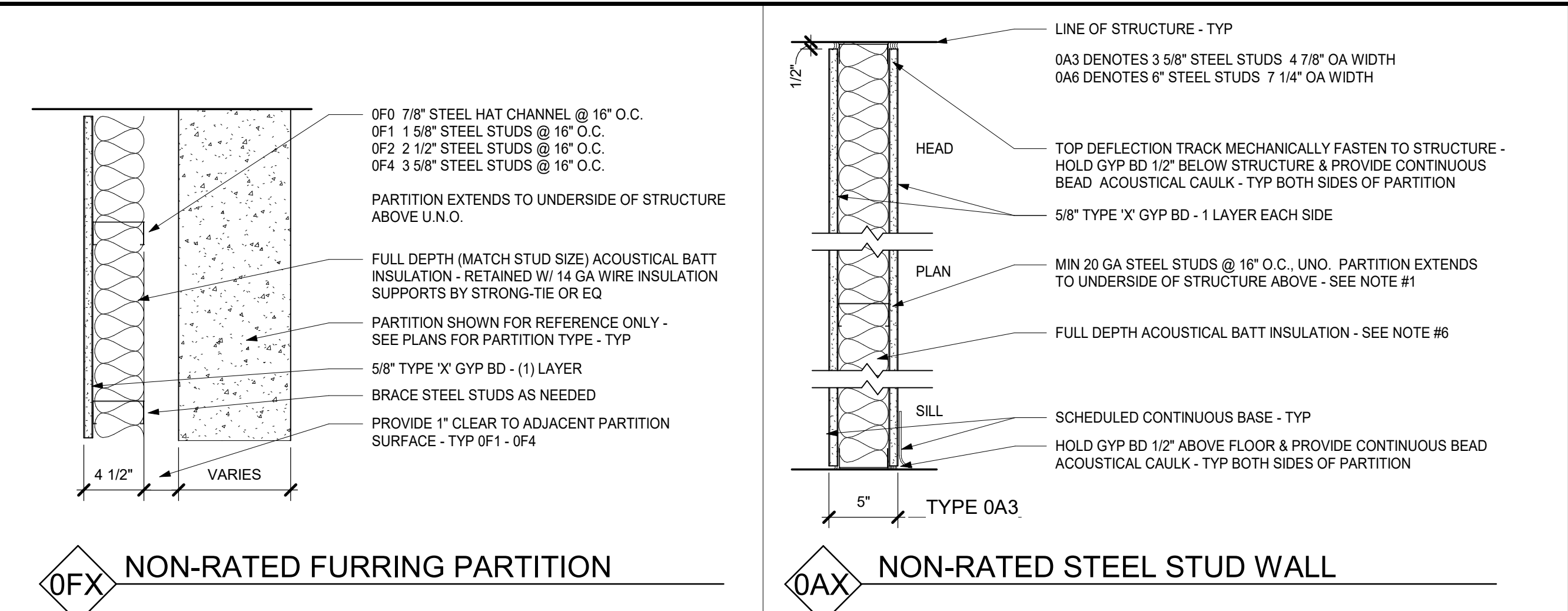
**CONSTRUCTION DOCUMENTS -
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PARTITION TAG NAMING MATRIX



PARTITION CONSTRUCTION NOTES

- PARTITION TYPES DESIGNATED WITH '48' ADJACENT TO PARTITION TYPE SYMBOL SHALL TERMINATE AT 48" ABOVE FINISHED FLOOR. PROVIDE STEEL TUBE, ANGLE OR HEAVY GAUGE STUDS INSIDE THE PARTITION, AS REQUIRED TO MEET PARTITION DEFLECTION CRITERIA.
- PROVIDE DEFLECTION TRACK AT TOP OF ALL PARTITIONS THAT EXTEND TO STRUCTURE ABOVE, (TYPICAL), PROVIDE FIRE-RATED DEFLECTION TRACK SYSTEM AT TOP OF ALL FIRE-RATED PARTITIONS, (TYPICAL). SEE DETAIL H1 ON THIS SHEET.
- SEE SPECIFICATIONS FOR FIRESTOPPING REQUIREMENTS.
- WHERE ACOUSTICAL BATT INSULATION IS USED IN PARTITIONS, SEAL AIR-TIGHT W/ NON-HARDENING ACOUSTICAL SEALANT AT TOP, BOTTOM & SIDES. PARTITION MOUNTED ELECTRICAL BOXES SHOULD BE OFFSET MIN 24" (NOT BACK TO BACK) W/ PERIMETER OF BOXES SEALED AIR-TIGHT W/ NON-HARDENING ACOUSTICAL PUTTY PADS. PIPE & DUCT PENETRATIONS SHALL BE SLEEVED, PACKED W/ 100% DENSITY CLOSED CELL FOAM, & SEALED TO PARTITION W/ NON-HARDENING ACOUSTICAL SEALANT. FIRE RATED PARTITIONS TO RECEIVE FIRE RATED PUTTY PADS - TYP
- PROVIDE 'INSULHOLD' HANGERS OR EQ BATT RETAINING CLIPS HORIZONTALLY @ MAX 48" SPACING PER MFG SPECS IN ALL SINGLE SIDED (GYP BD) FURRING PARTITIONS.
- COORDINATE REQUIRED STUD GAUGE WITH STRUCTURAL DRAWINGS - TYP
- WHEN (2) LAYERS OF TYPE 'X' GYP BD ARE REQUIRED, ONLY OUTER LAYER TO BE 5/8" THK ABUSE RESISTANT TYPE.
- REFER TO SPECIFICATIONS AND MANUFACTURER RECOMMENDATIONS FOR ENVIRONMENTAL CONDITIONS REQUIRED FOR STORAGE AND INSTALLATION OF GYPSUM PARTITION BOARD PRODUCTS. PRODUCTS IMPROPERLY STORED OR INSTALLED WITHOUT INDOOR ENVIRONMENTAL CONTROL MAY BE REJECTED.
- SEE SPECIFICATIONS FOR FINISH REQUIREMENTS OF GYP BD AT WET AREAS. USE TILE BACKER BOARD (CEMENT BOARD) FOR ALL TILED AREAS. GREEN BOARD & OR BLUE BOARD ARE PROHIBITED FROM USE ON THIS PROJECT.
- ASSEMBLE ALL RATED PARTITION TYPES PER UNDERWRITERS LABORATORY FIRE RESISTANCE RATING REQUIREMENTS.
- METALLIC BOXES LOCATED ON OPPOSITE SIDES OF PARTITIONS OR PARTITIONS SHOULD BE SEPARATED BY A MINIMUM HORIZONTAL DISTANCE OF 24 IN. THIS MINIMUM SEPARATION DISTANCE BETWEEN METALLIC BOXES MAY BE REDUCED WHEN WALL-OPENING PROTECTIVE MATERIALS (CLW) ARE INSTALLED ACCORDING TO THE REQUIREMENTS OF THEIR CERTIFICATION.
- METALLIC BOXES SHALL NOT BE INSTALLED ON OPPOSITE SIDE OF PARTITIONS OR PARTITIONS OF STAGGERED STUD CONSTRUCTION UNLESS WALL-OPENING PROTECTIVE MATERIALS ARE INSTALLED WITH THE METALLIC BOXES IN ACCORDANCE WITH CERTIFICATION REQUIREMENTS FOR THE PROTECTIVE MATERIALS.



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No.	Date	Issue

Sheet Title

PARTITION TYPES

Job No.	2023-1017	Date	03/12/2023
Scale	AS NOTED	Drawn / Checked	RTM / RAD
Sheet Number	A901		

**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

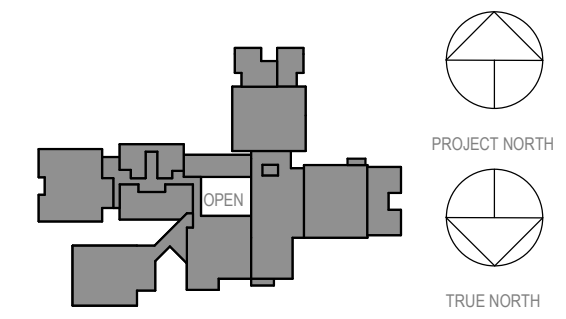
KATONAH-LEWISBORO
UFS
185 SMITH RIDGE ROAD,
SOUTH SALEM, NY 10590



NY SED PROJECT CONTROL NUMBER
66-01-01-03-0-007-016

GENERAL NOTES

- GLAZING IN FIRE RATED DOORS SHALL BE FIRELITE PLUS TO MEET THE FIRE RATING SCHEDULED, UNLESS NOTED OTHERWISE. G.C. SHALL VERIFY SIZE OF REPLACEMENT DOORS & FRAMES IN THE EXISTING BUILDING BEFORE ORDERING.
- SEE SPEC. SECTION 08 71 00 FOR DOOR HARDWARE SETS. HARDWARE NOTES, COMPONENTS & OTHER INFORMATION.
- EXTERIOR DOOR SYSTEMS SHALL BE FULLY PERIMETER CALLED TO ADJACENT FINISHED SURFACES, BOTH INTERIOR & EXTERIOR - TYP.
- EXTERIOR DOOR PAIRS SHALL HAVE AN ALUMINUM KEYPED REMOVABLE MULLION WITH RIM CYLINDER EXIT DEVICE w/KEYED CYLINDER DOGGING.
- INTERIOR DOOR PAIRS SHALL HAVE AN HOLLOW METAL KEYPED REMOVABLE MULLION WITH RIM CYLINDER EXIT DEVICE w/KEYED CYLINDER DOGGING. EXCEPTION IS CROSS-CORRIDOR DOOR PAIRS & DOORS INTO STAIRS.
- FRP DOORS SHALL HAVE SUITABLE BLOCKING FOR LEVER OR ARCHITECTURAL PULLS. RECESSED DOOR PULL NOT ACCEPTABLE.
- FACE OF ADJACENT WALL TO EDGE OF DOOR FRAME IS 4" (TYPICAL) U.N.O. SEE DETAILS A & B ON A903



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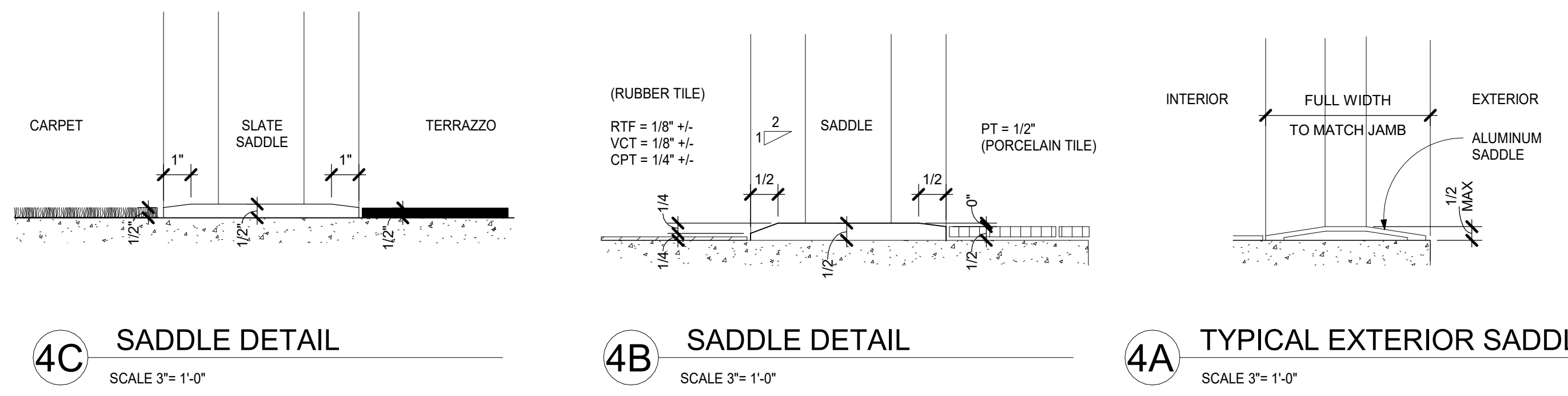
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2	03.22.2024	ISSUED FOR BID
1	09.01.2023	NYSED SUBMISSION
No.	Date	Issue

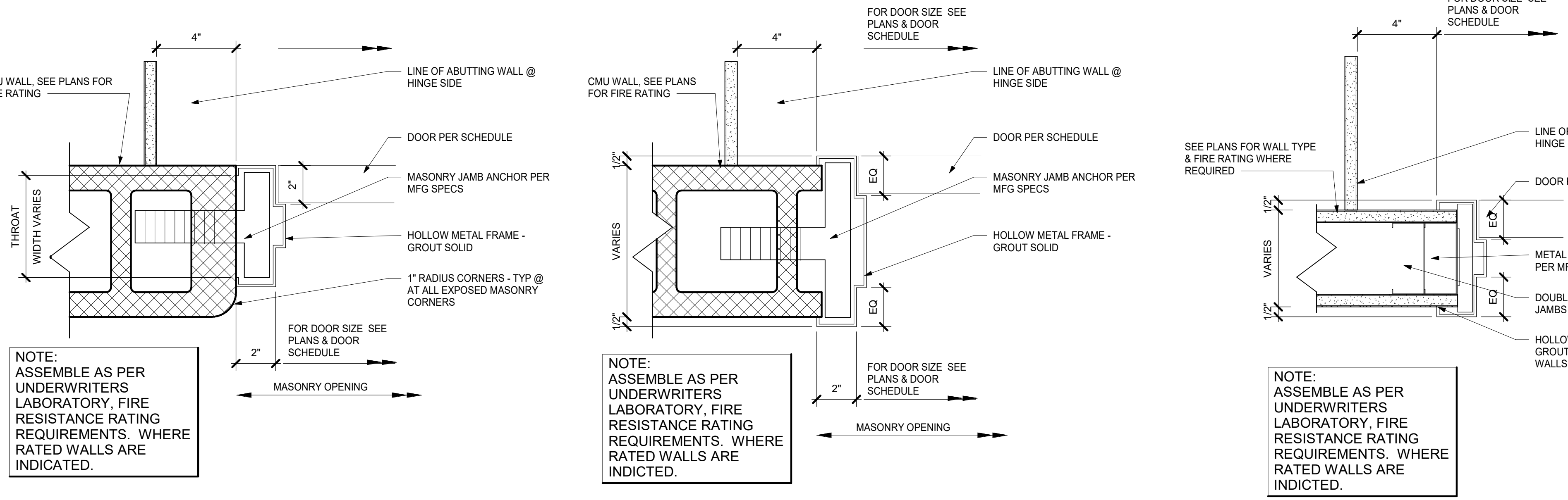
**DOOR SCHEDULE
AND TYPICAL
DOOR DETAILS**

Job No.	2023-1017	Date	03/12/2023
Scale	AS NOTED	Drawn / Checked	RTM / RAD
Sheet Number	A902		

Door Schedule													
Mark	From Room	From #	To Room	# LEAVES	Width	WI	HT	ELEV	Door Mat	Door Fin	Fire Rating	HDWE SET	Comments
101	SECURITY VESTIBULE	O-10		2	5' - 10 7/16"	2' - 11 7/32"	6' - 11 1/2"	WS1	AL	FF		CR01	
102	CORRIDOR	O-2	SECURITY VESTIBULE	2	5' - 10 7/16"	2' - 11 7/32"	6' - 11 1/2"	WS1	AL	FF		CR01-1	
103	SECURITY	O-11	INST. MUSIC	1	3' - 0"	3' - 0"	7' - 0"	F	WD	FF		05	
103A			INST. MUSIC		2' - 0"		7' - 0"						
103B	MAINTENANCE	K10		1	9' - 0"	9' - 0"	9' - 0"	F					
105	WINGSPACE	A	CORRIDOR	2	3' - 0"	1' - 6"	7' - 0"	FNG DOUBLE	WD	FF	90 MIN	08	SMOKE DOOR
106	WINGSPACE	A	SGI	1	3' - 0"	3' - 0"	7' - 0"	F	WD	FF		05	
107	SPECIAL EDUCATION 8:1:1	A5	SGI	1	3' - 0"	3' - 0"	7' - 0"	F	WD	FF		05	
108	CORRIDOR	K-0	OFFICE	1	3' - 0"	3' - 0"	7' - 0"	F	WD	FF		05	
109	WINGSPACE	B	CORRIDOR	2	3' - 0"	1' - 6"	7' - 0"	FNG DOUBLE	WD	FF	90 MIN	08	SMOKE DOOR
110	WINGSPACE	B	SGI	1	3' - 0"	3' - 0"	7' - 0"	F	WD	FF		05	
111	SPECIAL EDUCATION 8:1:1	B10	TOILET	1	3' - 0"	3' - 0"	7' - 0"	F	WD	FF		07	
112	SPECIAL EDUCATION 8:1:1	B10	SPEECH	1	3' - 0"	3' - 0"	7' - 0"	F	WD	FF		01	
113	LIBRARY	D1		2	6' - 0"	3' - 0"	7' - 0"	WS1	AL	FF		04	
114	CORRIDOR	K-0	LIBRARY	2	6' - 0"	3' - 0"	7' - 0"	WS1	AL	FF		04	
115	STORAGE	D1.A	LIBRARY	2	3' - 0"	1' - 6"	7' - 0"	F DOUBLE	WD	FF		03	
116	STREAM LAB	D4	LIBRARY	1	2' - 11 3/4"	2' - 11 3/4"	7' - 0"	WS1	AL	FF		06	
117	CLOS	D4.1	STREAM LAB		2' - 0"		7' - 0"		WD	FF		02	
118	VIDEO ROOM	D4.2	STREAM LAB	2	6' - 0"	3' - 0"	7' - 0"	NS1	GLASS	AL		09	EXTENDED HINGE
120	WINGSPACE	C	CORRIDOR	2	3' - 0"	1' - 6"	7' - 0"	FNG DOUBLE	WD	FF	90 MIN	08	SMOKE DOOR
122	SPECIAL EDUCATION	C2	TOILET	1	3' - 0"	3' - 0"	7' - 0"	F	WD	FF		07	
123	SGI	C2.2	SPECIAL EDUCATION	1	3' - 0"	3' - 0"	7' - 0"	F	WD	FF		01	
124	SPECIAL EDUCATION 8:1:1	C6	TOILET	1	3' - 0"	3' - 0"	7' - 0"	F	WD	FF		07	
125	MAINTENANCE	K10		1	9' - 0"	9' - 0"	9' - 0"	F	AL	FF			OVERHEAD - COMBINATION ROLL UP - PASSAGE
126	INST. MUSIC	O-3	CORRIDOR	1	3' - 0"	3' - 0"	7' - 0"	F	WD	FF		02	
127	WINGSPACE	C	SGI	1	3' - 0"	3' - 0"	7' - 0"	F	WD	FF		05	



- SADDLE NOTES:**
- COORDINATE DOOR UNDERCUT WITH SADDLE & OTHER UNDERCUTTING REQ. SEE DOOR SCHEDULE & SADDLE DETAILS ON THIS SHEET.
 - SADDLES ARE TO BE FULL WIDTH OF DOOR FRAME
 - SADDLES MAY BE OMITTED WHERE MATERIALS OF SIMILAR THICKNESS MEET WITH THE WRITTEN APPROVAL OF THE ARCHITECT. DOOR UNDERCUTS MUST BE COORDINATED.
 - AT GYM DOORS, INTERIOR & EXTERIOR, PROVIDE AN EXTENDED ALUMINUM SADDLE TO COVER THE EXPANSION JT AT WOOD FLOORING. SADDLE TO HAVE BEVELED EDGES & NON-SKID SURFACE. COORDINATE WITH WOOD FLOORING INSTALLATION FOR EXTENT.
 - SLATE SADDLES, WHEN USED OR CALLED FOR SHALL BE SELECTED FROM FULL COLOR RANGE TO MATCH ADJACENT FLOORING.



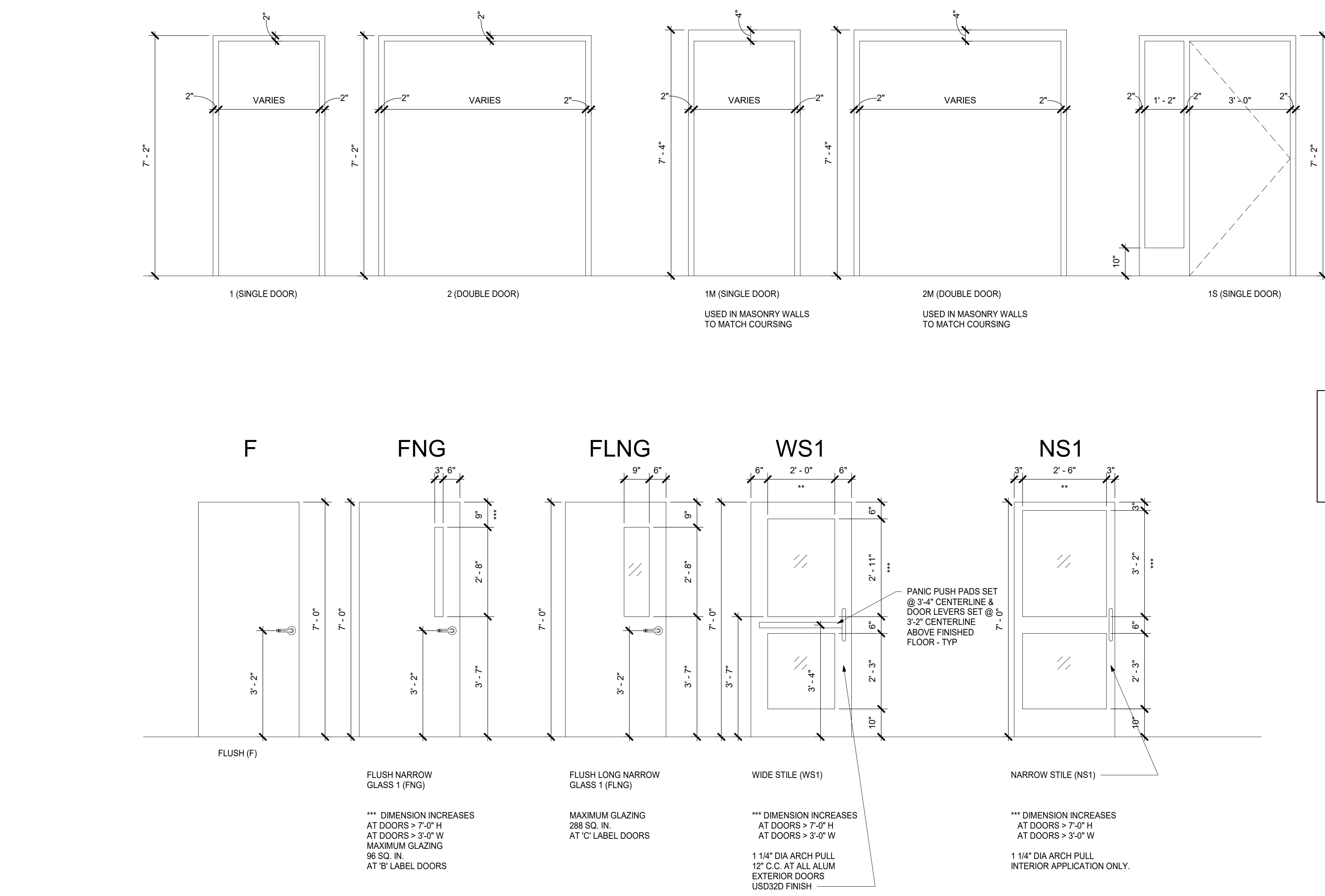
DOOR FINISH SCHEDULE ABBREV.

AL	ALUMINUM	SA	SECURE ACCESS
CL	CLASSROOM	SE	SECURE
CS	CORRIDOR, SMOKE, & FIRE DOORS (RATED)	SS	STAINLESS STEEL
EA	EXTERIOR, ALUMINUM	ST	STAIN & SEAL
		SW	STAIRWAY DOOR
F	FLUSH FLOOR	TM	TOILET
FF	FACTORY FINISH	TS	MULTIUSER TOILET
FG1	FLUSH DOOR GLASS	TS	SINGLE USER TOILET
FLNG	FLUSH LONG NARROW GLASS	WD	WOOD
GLASS	GLASS	WSI	WIDE STILE
FNG	FLUSH NARROW GLASS		
HM	HOLLOW METAL		
MBL	MARBLE		
OF	OUTSIDE FACE		
PTD	PAINTED		

CHART OF DOOR RATINGS & UL LABEL

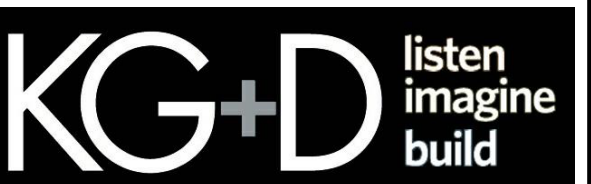
UL LABEL	RATING	RATING	MAX GLASS AREA
B	1 1/2 HR	90 MIN	100 SQ INCHES PER LEAF
C	3/4 HR	45 MIN	1296 SQ INCHES PER LEAF
S	SMOKE	SMOKE	

NOTE: GLAZING AND GLASS SIZES FOR INTERIOR DOORS AND WINDOWS ARE TO COMPLY WITH NFPA 80 OR ASTM E119 - TYP.



**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

KATONAH-LEWISBORO
UFSD
185 SMITH RIDGE ROAD,
SOUTH SALEM, NY 10590



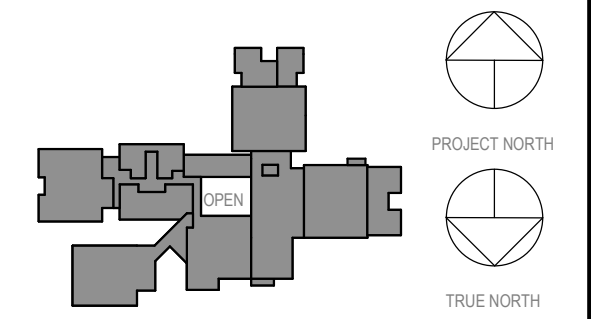
KG+D . ARCHITECTS PC
385 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P:914.666.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NUMBER
66-01-01-03-0-007-016

**CONSTRUCTION DOCUMENTS -
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GENERAL NOTES

- 1 DENOTES INSULATED CLEAR GLAZING
- 2 DENOTES INSULATED SPANDEL GLAZING
- 3 GLAZING IN DOORS, SIDELIGHTS & WITHIN 18" OF GRADE, FLOORS, STAIR LANDINGS SHALL BE TEMPERED GLASS
- 4 EXTERIOR WINDOW & DOOR SYSTEMS SHALL BE FULLY PERIMETER CAULKED TO ADJACENT FINISHED SURFACES, BOTH INTERIOR & AS DIRECTED BY MFG - TYP.
- 5 ALL EXTERIOR LOUVERS SHALL BE 4" DEEP ALUM. HORIZONTAL BLADE, STORM-PROOF, DRAINABLE, w/ 50% FREE AREA (MIN) IN PREMIUM (KYNAR) METALLIC (OR CUSTOM) COLOR SELECTED BY ARCHITECT w/ BIRD SCREEN (SIM TO PLSKIN ELF375DX)
- 6 G.C. SHALL PROVIDE LOUVERS & COORDINATE FREE AREA REQD w/ H.C.
- 7 H.C. SHALL BLANK-OFF w/ BLACK PTD SHEETMETAL & INSULATE ALL UNUSED PORTIONS OF LOUVERS
- 8 DENOTES DOOR NUMBER, SEE A902 FOR DOOR & HARDWARE INFO
- 9 DENOTES WINDOW TYPE, SEE A903 FOR SIZES & OTHER INFO
- 10 RW DENOTES RESCUE WINDOW, PROVIDE 24" MINIMUM "CLEAR" WIDTH, 6 SF MINIMUM "CLEAR" AREA



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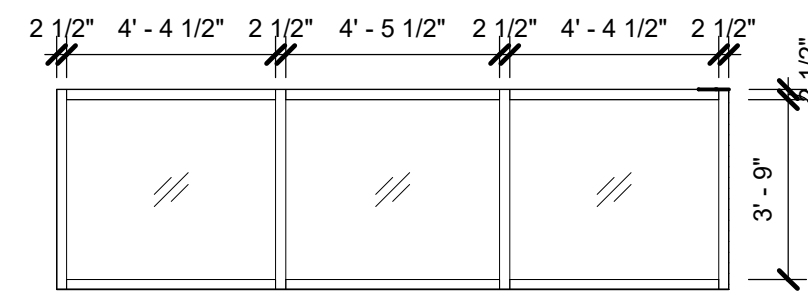
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No.	Date	Issue
03	03.22.2024	ISSUED FOR BID
1	09.01.2023	NYSED SUBMISSION

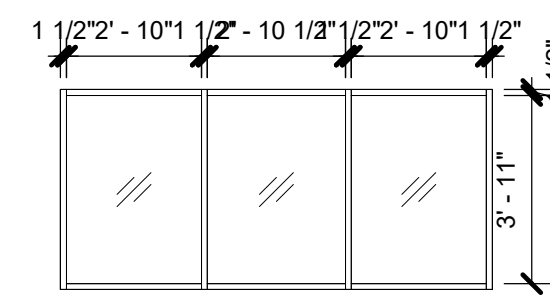
WINDOW TYPES

Job No.	Date
2023-1017	03/12/2023

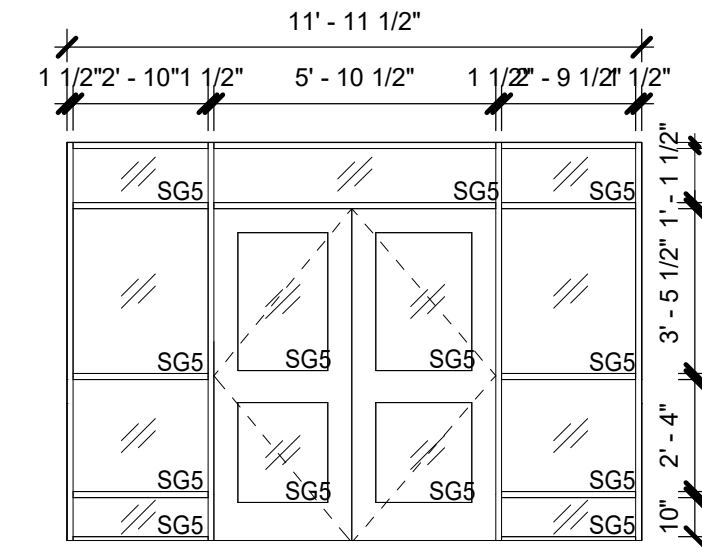
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Sheet Number **A903**



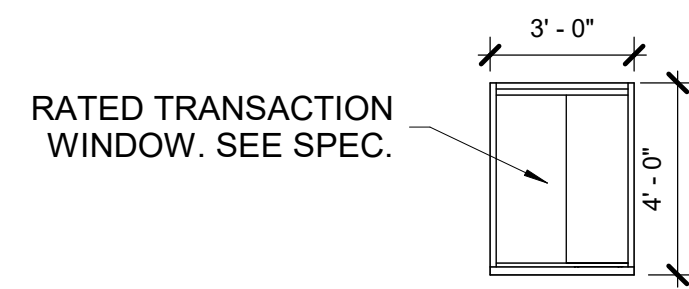
G STREAM LAB TO LIBRARY PARTITION
1/4" = 1'-0"



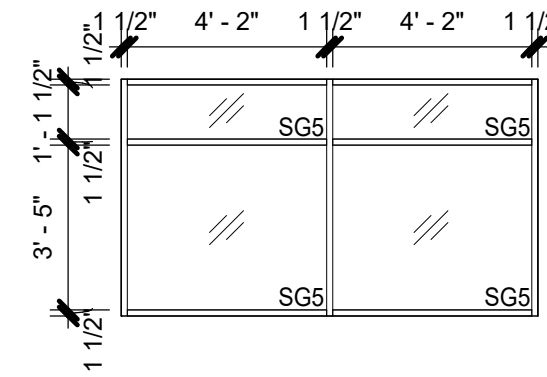
F STREAM LAB TO CORRIDOR WINDOW
1/4" = 1'-0"



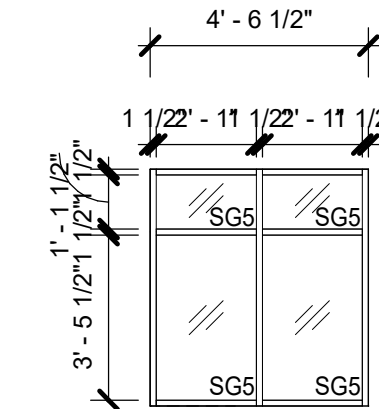
E MAIN ENTRANCE ASSEMBLY
1/4" = 1'-0"



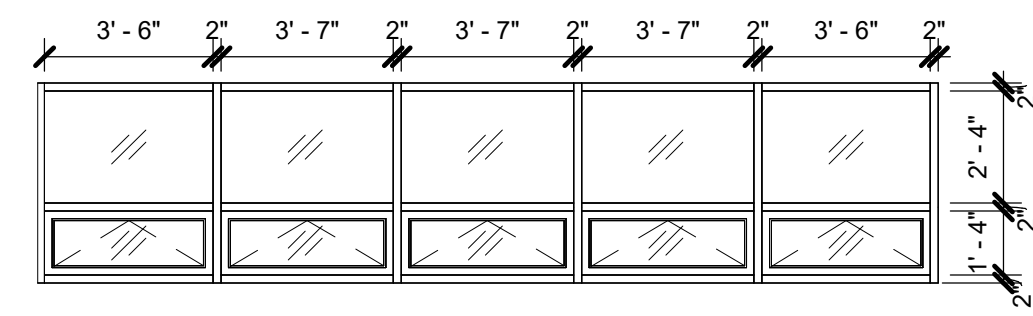
D SLIDING TRANSACTION @ SECURITY
1/4" = 1'-0"



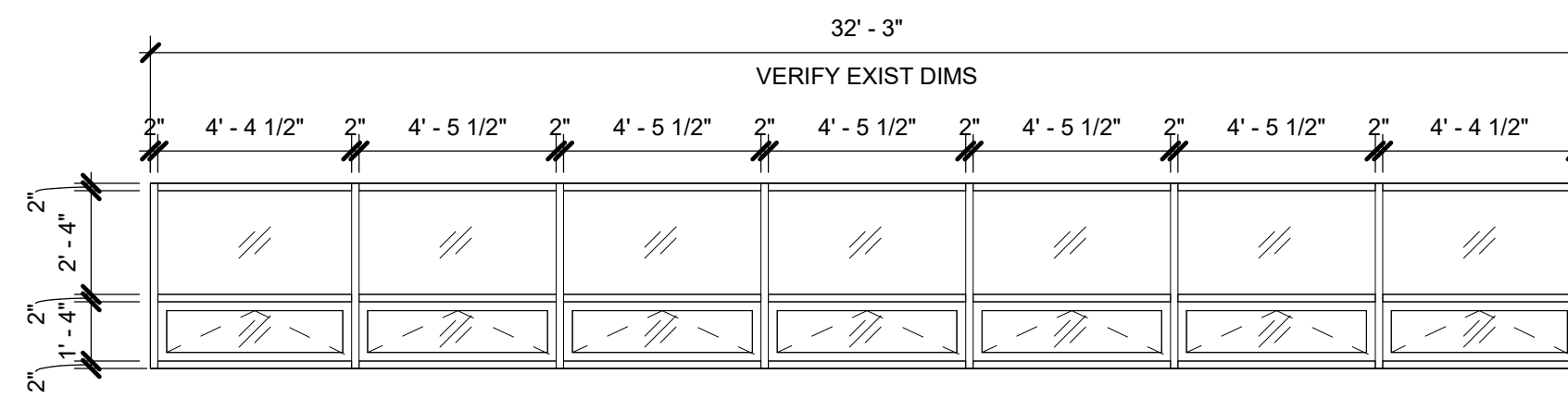
C WINDOW - FRONT FACING @ SECURITY
1/4" = 1'-0"



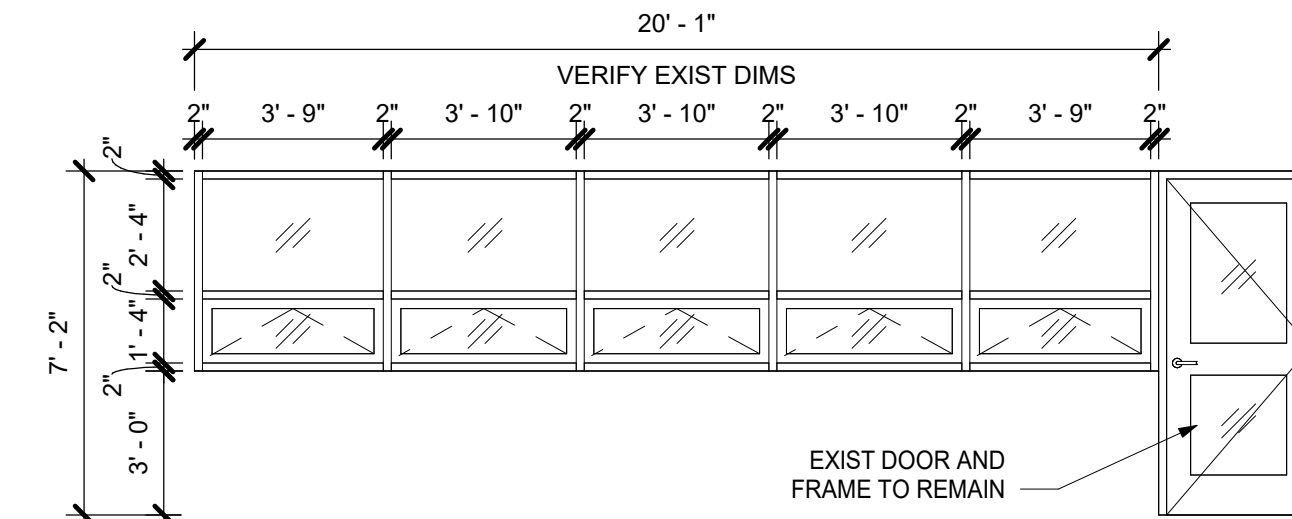
B WINDOW - SIDES OF SECURITY VESTIBULE
1/4" = 1'-0"



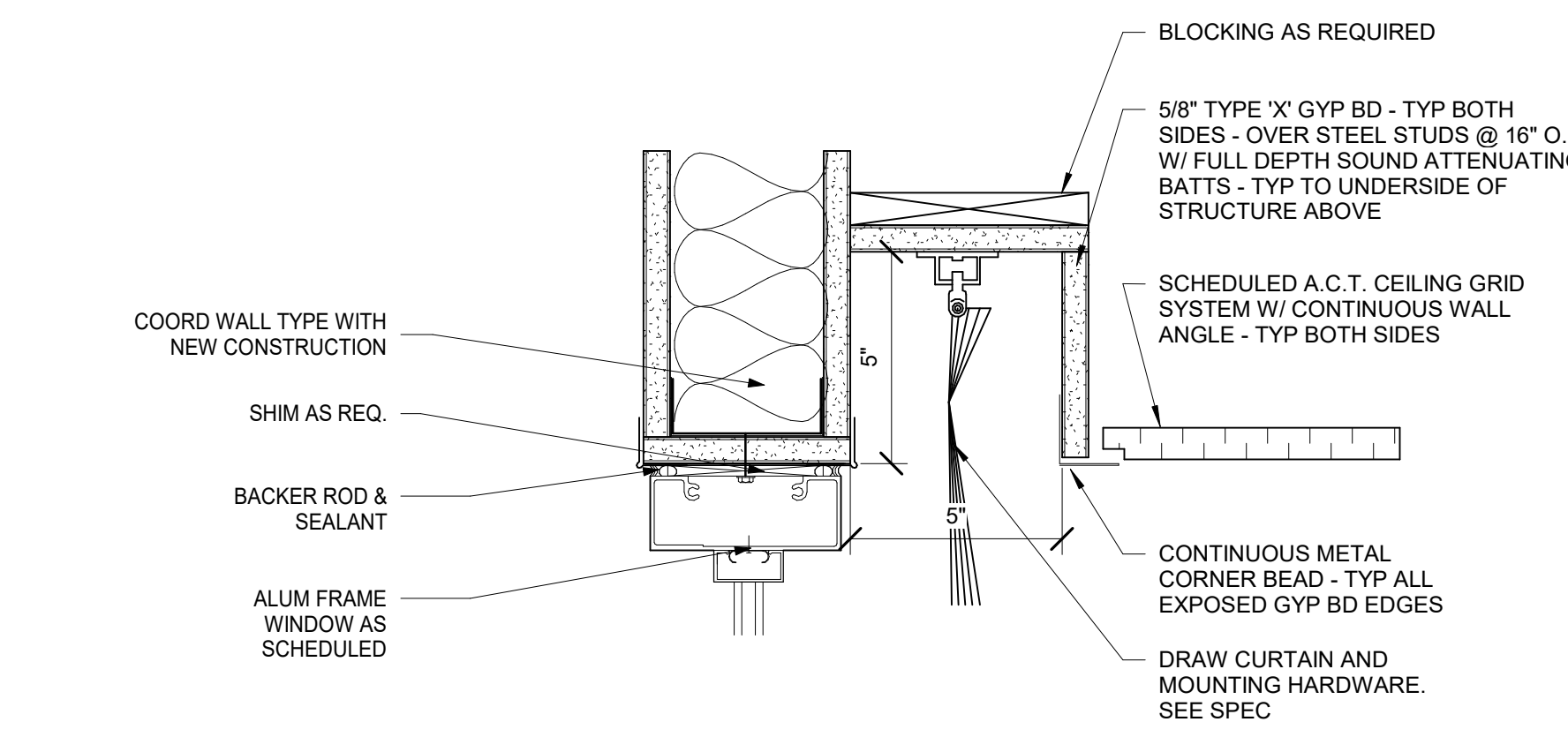
A3 TYPE A3 - CONF ROOM WINDOW
1/4" = 1'-0"



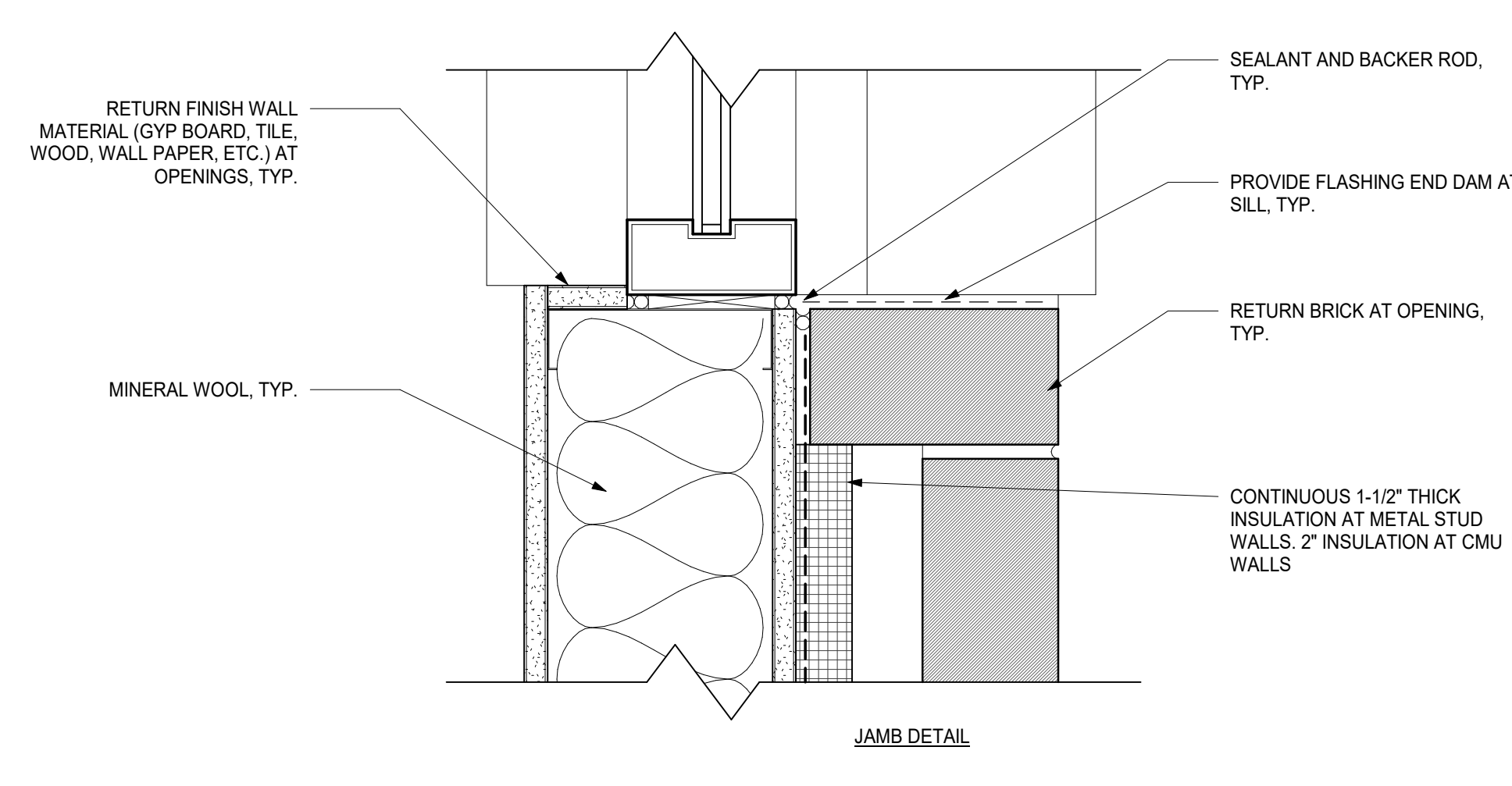
A2 TYPE A2 - KINDERGARTEN CLASSROOM WINDOWS
1/4" = 1'-0"



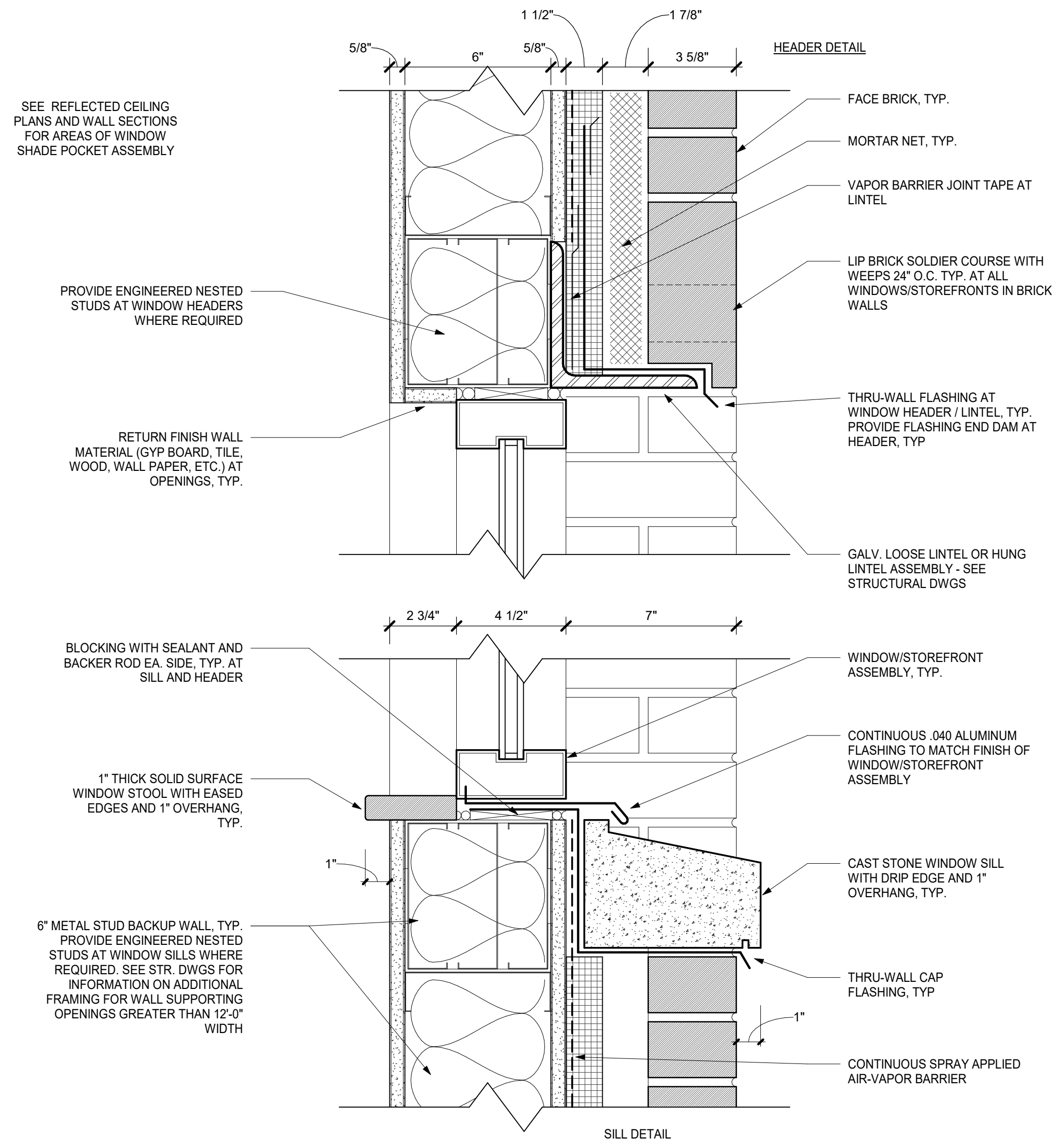
A1 TYPE A1 - CLASSROOM WINDOW REPLACEMENTS
1/4" = 1'-0"



2 SECTION @ CEILING CURTAIN POCKET
3" = 1'-0"



1 TYPICAL WINDOW DETAIL
3" = 1'-0"



ABBREVIATIONS	
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
ATC	AUTOMATIC TEMPERATURE CONTROL TRADE CONTRACTOR
ATC	AUTOMATIC TEMPERATURE CONTROL SYSTEM
BMS	BUILDING MANAGEMENT SYSTEM (ATC)
BR	BOTTOM WALL REGISTER
CD	CEILING DIFFUSER
CFM	CUBIC FEET PER MINUTE
CR	CEILING REGISTER
CO	CLEAN OUT (DOOR)
CV	MOTORIZED CONTROL VALVE
EC	ELECTRICAL CONTRACTOR
EMS	ENERGY MANAGEMENT SYSTEM (ATC)
FC	FLEXIBLE CONNECTION
FD	FIRE DAMPER
FSC	FULL SIZE CONNECTION
FSD	FIRE/SMOKE DAMPER
GC	GENERAL TRADES CONTRACTOR
HVAC	HEATING, VENTILATING, AIR CONDITIONING CONTRACTOR
MFR	MANUFACTURER
MD	MOTORIZED DAMPER
DA/FAI	OUTSIDE (FRESH) AIR INTAKE
PFRE	PRE-FINISHED SHEET METAL ENCLOSURE
PL	PLUMBING CONTRACTOR
SMRE	SHEET METAL RISER ENCLOSURE (PRE-FINISHED)
TD	TRANSFER DUCT
TR	TOP WALL REGISTER
WMG	1/2" SQ. WIRE MESH GRILLE
VIF	VERIFY IN FIELD

- ### GENERAL NOTES
- BEFORE SUBMITTING A PROPOSAL, BIDDERS SHALL EXAMINE ALL RELATED TO THIS WORK AND SHALL BECOME FULLY INFORMED AS TO THE EXTENT AND CHARACTER OF THE WORK REQUIRED AND ITS RELATION TO THE OTHER WORK IN THE BUILDING.
 - BEFORE COMMENCING WORK, THE CONTRACTOR WILL EXAMINE ALL CONDITIONS OF THE PROJECT UPON WHICH HIS WORK IS IN ANY WAY DEPENDENT FOR PERFECT WORKMANSHIP ACCORDING TO THE INTENT OF THE DRAWINGS AND SPECIFICATIONS. NO WAIVER OF RESPONSIBILITY FOR INCOMPLETE, INADEQUATE OR DEFECTIVE ADJOINING WORK WILL BE CONSIDERED UNLESS NOTICE HAS BEEN FILED BY THIS CONTRACTOR AND ACCDED TO BY THE OWNER'S REPRESENTATIVE IN WRITING BEFORE THE CONTRACTOR BEGINS ANY PART OF THE WORK.
 - THE CONTRACTOR WILL PAY FOR ALL LICENSES, PERMITS AND INSPECTION FEES REQUIRED BY CIVIL AUTHORITIES HAVING JURISDICTION. COMPLY WITH ALL LAWS, ORDINANCES, REGULATIONS, AND FIRE UNDERWRITERS REQUIREMENTS APPLICABLE TO WORK HEREIN SPECIFIED WITHOUT ADDITIONAL EXPENSE TO THE OWNER.
 - SMALL SCALE DRILLING THROUGH WALLS AND FLOORS OR CUTTING OF PIPING INSULATION WHICH MAY BE NECESSARY FOR THE COMPLETION AND PROPER OPERATION SHALL BE FURNISHED AS PART OF THIS CONTRACT WITHOUT ADDITIONAL COST TO THE OWNER, WHETHER OR NOT SHOWN IN DETAIL OR DESCRIBED IN THE SPECIFICATIONS.
 - IT IS SPECIFICALLY INTENDED THAT ANYTHING (WHETHER MATERIAL OR LABOR), WHICH IS USUALLY FURNISHED AS A PART OF SUCH EQUIPMENT, AS IS HERINAFTER CALLED FOR (AND WHICH IS NECESSARY FOR THE COMPLETION AND PROPER OPERATION) SHALL BE FURNISHED AS PART OF THIS CONTRACT WITHOUT ADDITIONAL COST TO THE OWNER, WHETHER OR NOT SHOWN IN DETAIL OR DESCRIBED IN THE SPECIFICATIONS.
 - WHEN DRAWINGS AND SPECIFICATIONS CONFLICT OR THERE IS A QUESTION AS TO THE PROPER INTENT OF THIS CONTRACT, THE CONTRACTOR SHALL ASSUME THE GREATER QUANTITY, THE HIGHER QUALITY AND/OR THE MORE EXPENSIVE METHOD IN HIS PRICING. ALL QUESTIONS SHALL BE DIRECTED TO THE ARCHITECT/ENGINEER IN WRITING ONLY AND ONLY UP TO TEN (10) DAYS PRIOR TO BIDDING.
 - THE DRAWINGS INDICATE THE GENERAL RUNS OF THE PIPING, DUCTWORK, ETC. SYSTEMS AND THE LOCATION OF EQUIPMENT AND APPARATUS, HOWEVER IT SHALL BE UNDERSTOOD THAT THE RIGHT IS RESERVED BY THE ARCHITECT/ENGINEER TO CHANGE THE LOCATION OF PIPING WORK, DUCTWORK, EQUIPMENT AND APPARATUS TO A REASONABLE EXTENT AS BUILDING CONDITIONS MAY DICTATE. PRIOR TO THEIR INSTALLATION WITHOUT EXTRA COST TO THE OWNER.
 - ALL DUCT DIMENSIONS SHOWN ARE CLEAR INSIDE DIMENSIONS. THE CONTRACTOR SHALL ACCOUNT FOR ANY LINING IN SIZING OF SHEET METAL.
 - ALL COMPONENTS SUPPLIED BY THIS CONTRACTOR SHALL BE UL LISTED AND/OR ETL LABELED AND SHALL CONFORM TO ASHRAE STANDARD 15.
 - ANY CHANGES FROM THE DRAWINGS AND SPECIFICATIONS AND ANY INTERPRETATION THEREOF SHALL HAVE THE PRIOR APPROVAL OF THE ARCHITECT/ENGINEER. THE CONTRACTOR SHALL SUBMIT IN WRITING, AT THE TIME OF SIGNING THE CONTRACT, ANY ITEMS OF NECESSARY LABOR AND MATERIALS WHICH, IN HIS OPINION, ARE LACKING IN REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS TO INSURE A COMPLETE JOB IN ALL RESPECTS. NO CONSIDERATION WILL BE GRANTED TO ALLEGED MISUNDERSTANDING OF MATERIALS TO BE FURNISHED, WORK TO BE DONE, OR CONDITIONS TO BE COMPLIED WITH, IT BEING UNDERSTOOD THAT THE TENDER OF A PROPOSAL CARRIES WITH IT THE AGREEMENT TO ALL ITEMS AND CONDITIONS REFERRED TO HEREIN, OR INDICATED ON THE ACCOMPANYING DRAWINGS.
 - FURNISH ALL COMBINATION MOTOR STARTER/DISCONNECTS FOR EQUIPMENT (WITH THE EXCEPTION OF STARTERS AND ELECTRIC ITEMS ALREADY MOUNTED ON EQUIPMENT OR EQUIPMENT NOT REQUIRING SAME). FAN MOTOR STARTER/DISCONNECTS SHALL HAVE CONTACTS FOR ATC CONNECTION AND A TERMINAL BLOCK CONNECTION FOR FIRE ALARM FAN SHUTDOWN. STARTERS PER MANUFACTURERS RECOMMENDATIONS. UNDERWRITERS INSPECTION AND CERTIFICATE REQUIRED. COORDINATE WITH ELECTRICAL CONTRACTOR.
 - THIS CONTRACTOR SHALL COORDINATE WITH OTHER TRADES PROVIDING ELECTRIC, GAS, WATER, ETC. CONNECTIONS TO SYSTEMS OR EQUIPMENT THAT ARE PART OF THIS CONTRACT. PROVIDE EQUIPMENT CUTS AND EXACT LOCATIONS, INCLUDING ORIENTATION, OF ALL SYSTEMS AND EQUIPMENT REQUIRING SUCH CONNECTIONS. THIS SHALL BE DONE WELL IN ADVANCE OF THOSE TRADES INSTALLING THEIR CONNECTION WORK.
 - COORDINATION DRAWINGS (IF APPLICABLE). ATTENTION IS DIRECTED TO DIVISION 1 FOR COORDINATION DRAWING REQUIREMENTS FOR THIS PROJECT. THESE DRAWINGS ARE CRITICAL TO THE PROPER EXECUTION OF THE WORK AND FAILURE TO HONOR THESE REQUIREMENTS MAY BECOME THE BASIS FOR DENIAL OF ANY AND ALL CLAIMS FOR EITHER OR BOTH "TIME" AND "MONEY".
 - LOCATION AND SIZES OF EXISTING PIPING, DUCTWORK, EQUIPMENT, ETC. ARE APPROXIMATE. EXACT SIZES AND LOCATIONS OF ALL EXISTING WORK SHALL BE VERIFIED ON THE JOB.
 - BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS.
 - THE CONTRACTOR SHALL COORDINATE WITH THE OWNER PRIOR TO SUBMISSION OF BID TO DETERMINE WHAT WORK MUST BE PERFORMED AFTER NORMAL BUSINESS HOURS. UNLESS OTHERWISE DIRECTED ANY NOISY WORK (CHOPPING, CORE DRILLING, HAMMERING, ETC.) AND BUILDING POWER INTERRUPTIONS SHALL BE PERFORMED OUTSIDE OF NORMAL BUSINESS HOURS. CONFIRM NORMAL BUSINESS HOURS WITH BUILDING OWNER. NO ADDITIONAL COST WILL BE CHARGED TO OWNER FOR WORK PERFORMED OUTSIDE NORMAL BUSINESS HOURS.
 - REFER TO ARCHITECT'S REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED ITEMS.
 - OPENINGS AROUND PENETRATIONS THROUGH FIRE RESISTANCE RATED WALLS, PARTITIONS, FLOORS OR CEILINGS SHALL BE FIRE STOPPED USING APPROVED METHODS. ALL SLEEVES MUST HAVE BUSHINGS. SEALANT SHALL BE 3 HOUR FIRE BARRIER #CP-25 (NO LESS THAN 3" THICK BACKED UP WITH MINERAL WOOL).
 - PREPARE "AS-BUILT" DRAWINGS THAT REFLECT ACTUAL CONSTRUCTION AND SHOW DEVIATIONS FROM DESIGN DRAWINGS.

- ### GENERAL REMOVAL NOTES
- THE SCOPE OF REMOVAL SHOWN ON "REMOVALS" DRAWINGS IS DIAGRAMMATIC ONLY AND INDICATES THE INTENT OF THE WORK TO BE PERFORMED AND NOT THE COMPLETE SCOPE OF DEMOLITION AND/OR REMOVAL WORK. IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO REMOVE ANY RELATED MECHANICAL DEVICES EVEN IF NOT SPECIFICALLY INDICATED TO BE REMOVED ON THESE DRAWINGS IN ORDER TO ACCOMMODATE NEW WORK.
 - DEVICES SHOWN CROSS HATCHED ON DRAWINGS ARE ITEMS TO BE REMOVED. ANY DEVICES REMOVED SHALL INCLUDE (BUT SHALL NOT BE LIMITED TO) THE REMOVAL OF ALL ASSOCIATED PIPING, CONTROLS, ETC. THAT ARE NOT INCORPORATED IN THE NEW LAYOUT. UNTIL SUCH REMOVAL IS COMPLETE, THIS CONTRACTOR SHALL PERFORM ALL WORK REQUIRED TO INSURE CONTINUITY OF SERVICE TO EXISTING REMAINING EQUIPMENT. NO EXTRAS RELATING TO THE SCOPE OF WORK DESCRIBED WILL BE ALLOWED.
 - EQUIPMENT, PIPING, ETC., REQUIRED TO RECONNECT SHALL BE INSTALLED CONCEALED WITHIN THE NEW SUSPENDED CEILINGS, PARTITIONS AND/OR WALLS, FLOORS, NO SURFACE MOUNTED OR EXPOSED EQUIPMENT, PIPING, ETC., SHALL BE PERMITTED, UNLESS SPECIFICALLY INDICATED.
 - ALL ITEMS TO BE REMOVED SHALL BE REVIEWED WITH THE OWNER PRIOR TO REMOVAL. OWNER SHALL HAVE FIRST SALVAGE RIGHTS. ITEMS THE OWNER WISHES TO KEEP SHALL BE REMOVED WITH CARE AND STORED AS DIRECTED BY OWNER. ITEMS THE OWNER DOES NOT WISH TO KEEP SHALL BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY.
 - REMOVE OR RELOCATE ALL DEVICES LOCATED ON THE EXTERIOR OF THE BUILDING OR ON THE INTERIOR OF EXTERIOR WALLS AS REQUIRED TO ACCOMMODATE A NEW BUILDING ADDITION OR TO ALLOW THE ADDITION OF DOORWAYS INTO THE NEW ADDITION.
 - REMOVALS SHALL BE COORDINATED WITH OTHER TRADES AFFECTED.
 - REMOVAL OF ANY PIECE OF EQUIPMENT OR TERMINAL DEVICE SHALL INCLUDE REMOVAL OF CONNECTING DUCTWORK AND PIPING BACK TO EXISTING MAINS THAT REMAIN. CAP EACH BRANCH AIR/WATER TIGHT. CONTROLS AND CONTROL COMPONENTS SHALL ALSO BE REMOVED. DO NOT LEAVE COMPONENTS (CONTROLLERS, PNEUMATICS, ETC.) THAT HAVE NO FUNCTION. PROVIDE CONTROL WIRING, DUCTWORK, PIPING, ETC. AS NECESSARY TO MAINTAIN CONTINUITY OF SERVICE FOR EQUIPMENT OR TERMINAL DEVICES TO REMAIN.
 - ALL PIPING TO BE REMOVED SHALL BE PROPERLY PLUGGED OR CAPPED BENEATH FINISHED SURFACES. SO THAT UPON COMPLETION OF ALL NEW WORK, ALL ABANDONED PIPING SHALL BE CONCEALED IN FINISHED AREAS.
 - NO DEAD ENDS SHALL BE LEFT ON ANY PIPING UPON COMPLETION OF JOB. BRANCHES SHALL BE CUT AND CAPPED AT MAINS. THE EXISTING SYSTEM SHALL BE LEFT IN PERFECT WORKING ORDER UPON COMPLETION OF NEW WORK.
 - CHIMNEY INSPECTION AND SOOT REMOVAL ON PROJECTS INCLUDING BOILER REMOVAL OR REPLACEMENT. CONTRACTOR SHALL GATHER TOGETHER WITH A VACUUM-CLEANING MACHINE ALL ACCUMULATIONS OF SOOT. HE SHALL REMOVE ALL SOOT FROM THE BASE OF THE CHIMNEY. THE CHIMNEY SHALL BE INSPECTED AND ANY DEFICIENCIES NOTED IN A WRITTEN REPORT.

LEGEND

	EXISTING DUCTWORK, EQUIPMENT, ETC. TO REMAIN
	EXISTING DUCTWORK, EQUIPMENT, ETC. TO BE REMOVED
	NEW DUCTWORK
	THERMAL ACOUSTIC LINING. DUCT SIZES ON PLANS ARE CLEAR INSIDE DIMENSIONS
	FLEXIBLE CONNECTION
	SQUARE DUCT TURN WITH TURNING VANES
	EXISTING CEILING DIFFUSER
	EXISTING 3-WAY CEILING DIFFUSER
	EXISTING 2-WAY CEILING DIFFUSER
	EXISTING CEILING REGISTER
	TYPE SEE SCHEDULE NEW 4-WAY CEILING DIFFUSER
	TYPE SEE SCHEDULE NEW 3-WAY CEILING DIFFUSER
	TYPE SEE SCHEDULE NEW 2-WAY CEILING DIFFUSER
	TYPE SEE SCHEDULE CEILING EXHAUST/RETURN REGISTER
	TYPE SEE SCHEDULE REGISTER/DIFFUSER IDENTIFICATION
	DUCT DROP, DUCT RISE
	DUCT MTD. MANUAL AIR VOLUME DAMPER (W/LOCKING DEVICE)
	MOTORIZED AIR VOLUME DAMPER (W/ACCESS DOOR)
	FD & FD FIRE DAMPER (U.L. APPROVED) & ACCESS DOOR
	FSD & AD COMBINATION FIRE/SMOKE DAMPER (U.L. APPROVED) & ACCESS DOOR
	HWS HOT WATER HEATING SUPPLY PIPING
	HWR / HWRR HOT WATER RETURN / HOT WATER REVERSE RETURN PIPING
	L LIQUID REFRIGERANT PIPING
	S SUCTION REFRIGERANT PIPING
	HG HOT GAS REFRIGERANT PIPING
	CD CONDENSATE DRAIN PIPING
	EHWS EXISTING HOT WATER HEATING SUPPLY PIPING
	EHWR EXISTING HOT WATER HEATING RETURN PIPING
	EHWRR EXISTING HOT WATER HEATING REVERSE RETURN PIPING
	FLOW DIRECTION WITHIN PIPE CONNECTION TO EQUIPMENT ABOVE
	GATE VALVE (HORIZONTAL/VERTICAL)
	COMBINATION BALANCING & SHUT-OFF VALVE (CIRCUIT SETTER)
	2-WAY CONTROL VALVE
	EXPANSION JOINT, ANCHOR AND GUIDES
	CHECK VALVES
	PIPE CONNS. (BOTTOM, TOP 45 OR 90, PIPE UP)
	DXC DIRECT EXPANSION REFRIGERANT COIL IDENTIFICATION
	EF EXHAUST FAN IDENTIFICATION
	ERU ENERGY RECOVERY UNIT IDENTIFICATION
	FC INDOOR VRF FAN COIL UNIT IDENTIFICATION
	FS VRF FLOW SELECTOR IDENTIFICATION
	ASP AIR SOURCE HEAT PUMP VRF IDENTIFICATION
	HWC HOT WATER COIL IDENTIFICATION
	HWP HOT WATER PUMP IDENTIFICATION
	RU ROOFTOP UNIT IDENTIFICATION
	UH UNIT HEATER IDENTIFICATION
	UV UNIT VENTILATOR IDENTIFICATION
	UVA UNIT VENTILATOR AIR CONDITIONER IDENTIFICATION
	UVA UNIT VENTILATOR FRESH AIR INTAKE IDENTIFICATION
	CH EXISTING CABINET HEATER IDENTIFICATION
	CE EXISTING CONVACTOR IDENTIFICATION
	EF EXISTING EXHAUST FAN IDENTIFICATION
	ERU EXISTING ENERGY RECOVERY UNIT IDENTIFICATION
	EH EXISTING ELECTRIC HEATER IDENTIFICATION
	FC EXISTING INDOOR VRF FAN COIL UNIT IDENTIFICATION
	ASP EXISTING AIR SOURCE HEAT PUMP VRF IDENTIFICATION
	HWP EXISTING HOT WATER PUMP IDENTIFICATION
	RU EXISTING ROOFTOP UNIT IDENTIFICATION
	UV EXISTING UNIT VENTILATOR IDENTIFICATION
	UVA EXISTING UNIT VENTILATOR FRESH AIR INTAKE IDENTIFICATION
	FT NEW FIN TUBE RADIATION IDENTIFICATION ELEMENT LENGTH
	FT EXISTING FIN TUBE RADIATION IDENTIFICATION
	TO TO CONTROLLED ITEM WALL MTD (5'-2"x A F.F.-U.O.N.) TEMPERATURE SENSOR
	TR TO CONTROLLED ITEM WALL MTD (5'-2"x A F.F.-U.O.N.) REVERSE ACTING THERMOSTAT
	TR EXISTING WALL MTD. TEMPERATURE SENSOR/THERMOSTAT
	UD DOOR UNDERCUT
	POD POINT OF DISCONNECTION
	POC POINT OF CONNECTION, NEW TO EXISTING
	SECTION/DETAIL/ELEVATION/PART PLAN NUMBER
	DRAWING NUMBER
	SECTION/ELEVATION IDENTIFICATION

MEADOW POND ES ADDITIONS + ALTERATIONS

KATONAH-LEWISBORO
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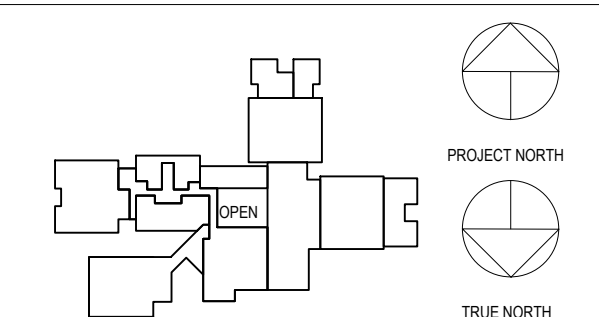
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LEGEND, NOTES, AND ABBREVIATIONS

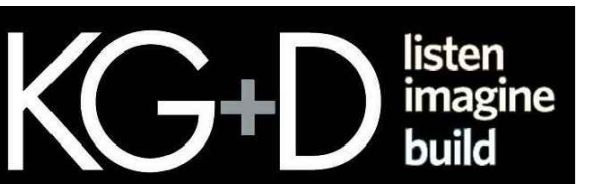
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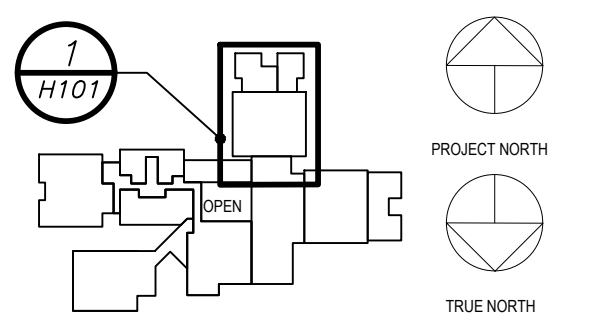
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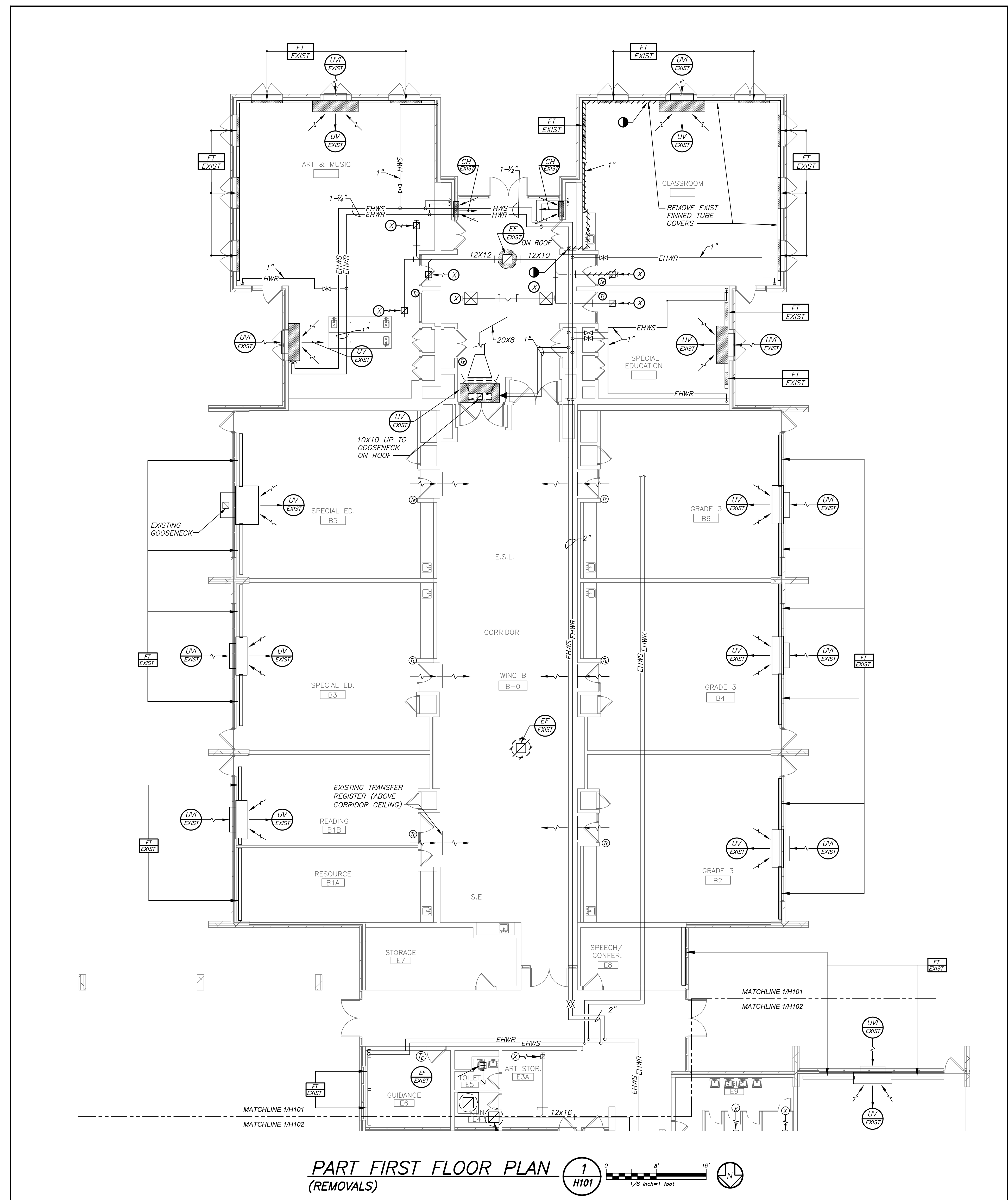


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**PART FIRST FLOOR PLAN
(REMOVALS)**

IN ALL AREAS WHERE CEILINGS ARE NOT BEING REPLACED, REMOVE TILES AND GRID AS REQUIRED TO PERFORM WORK AND REINSTALL FOR "AS NEW" CONDITION, CLEAN ALL EXISTING DIFFUSERS/REGISTERS TO REMAIN.

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

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Sheet Title
**PART FIRST FLOOR PLAN
(REMOVALS)**

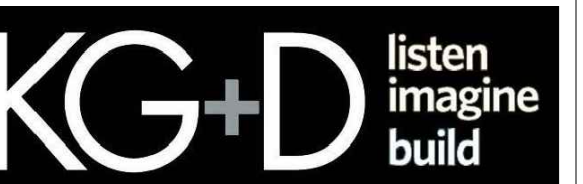
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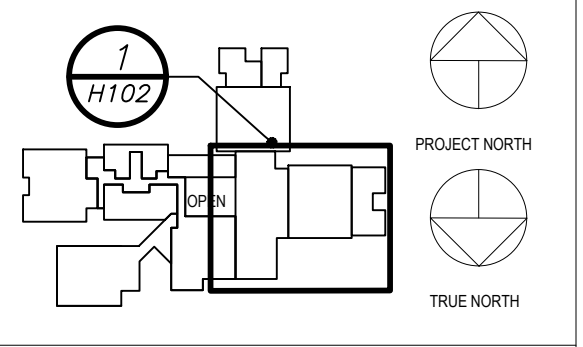
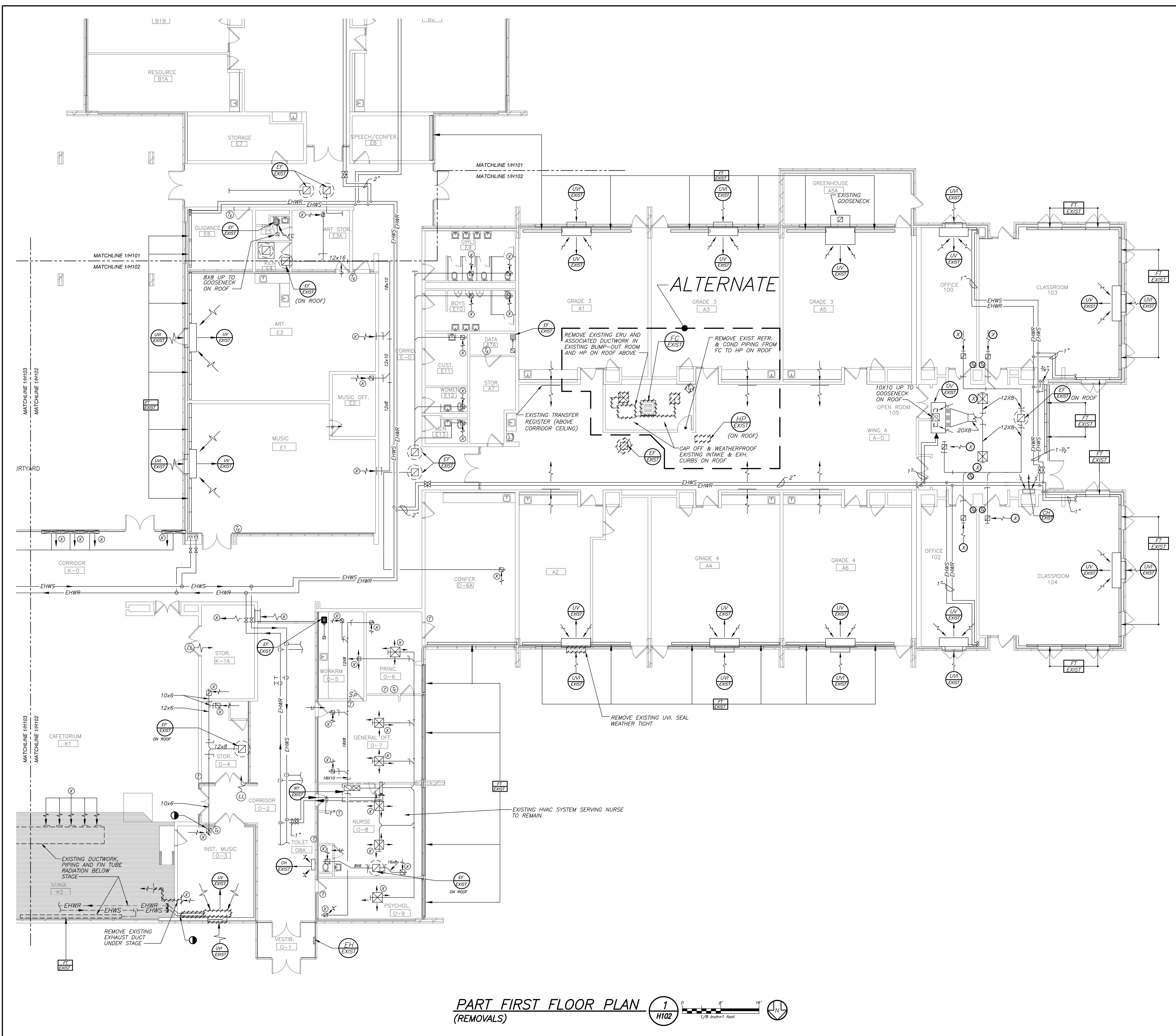
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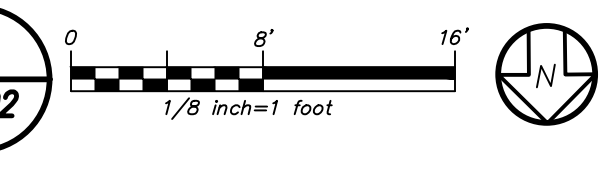
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**PART FIRST FLOOR
PLAN (REMOVALS)**

Job No.	Date
2023-1017	03/21/2024
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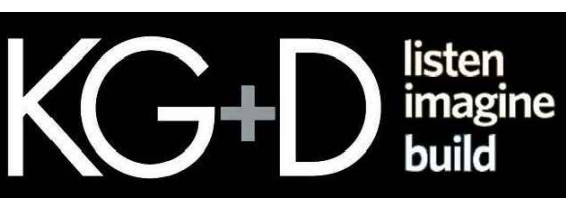
PART FIRST FLOOR PLAN
(REMOVALS) 1
H102



BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

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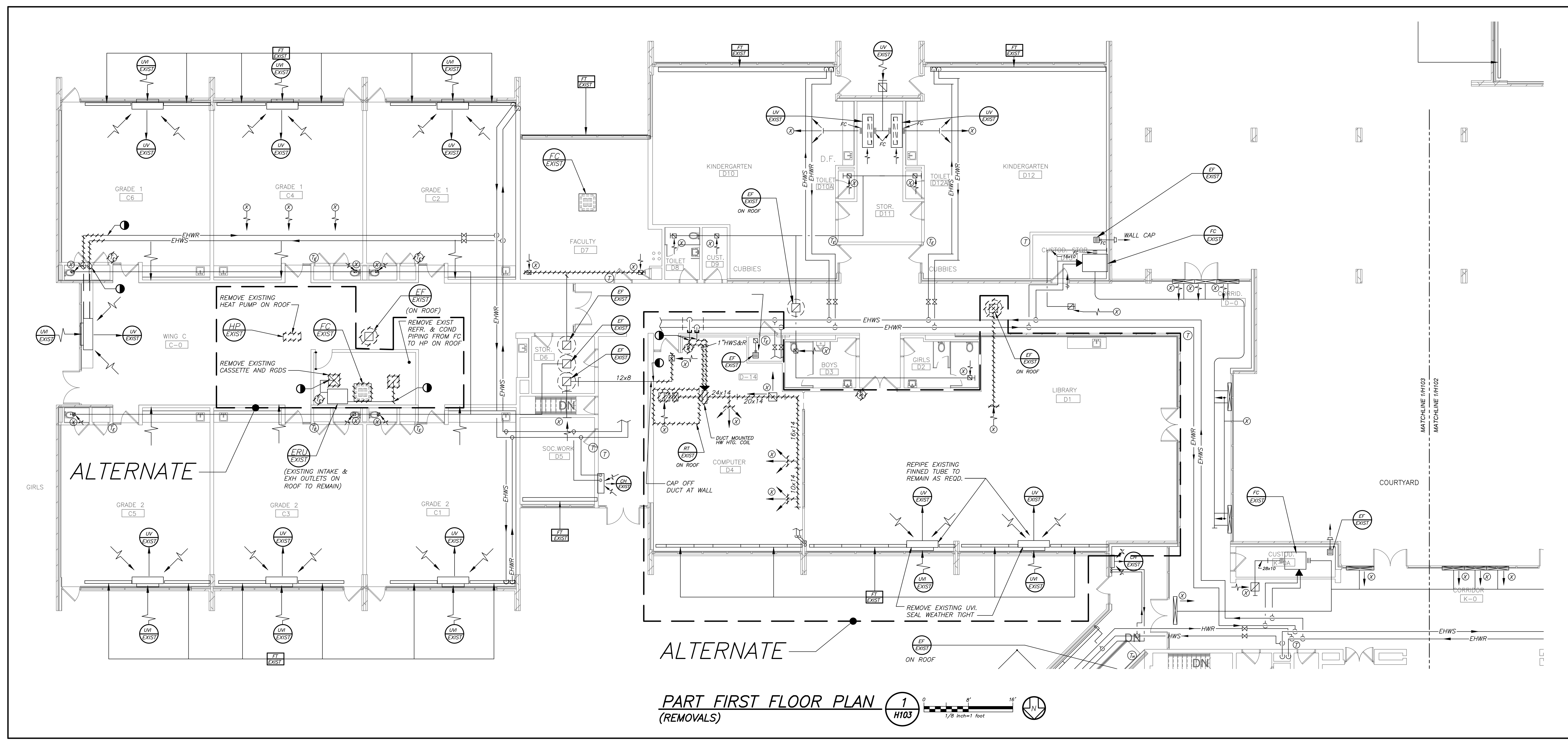
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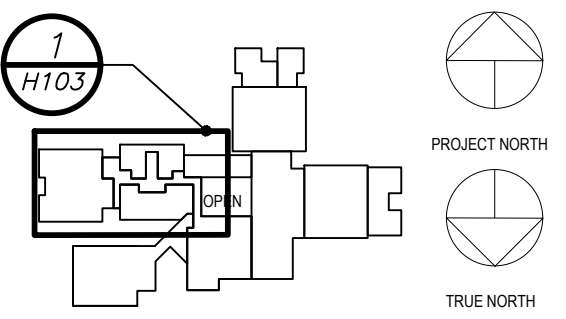


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PART FIRST FLOOR PLAN
(REMOVALS) 1/8" = 1' 1/8" = 1'

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS



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**PART FIRST FLOOR
PLAN (REMOVALS)**

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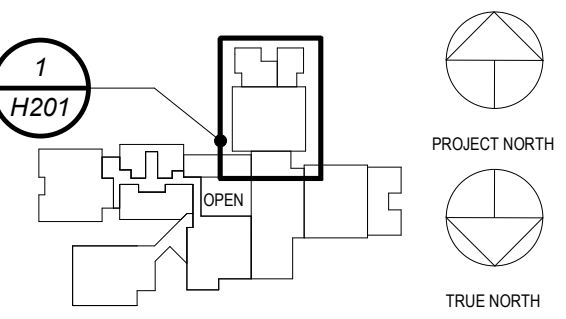
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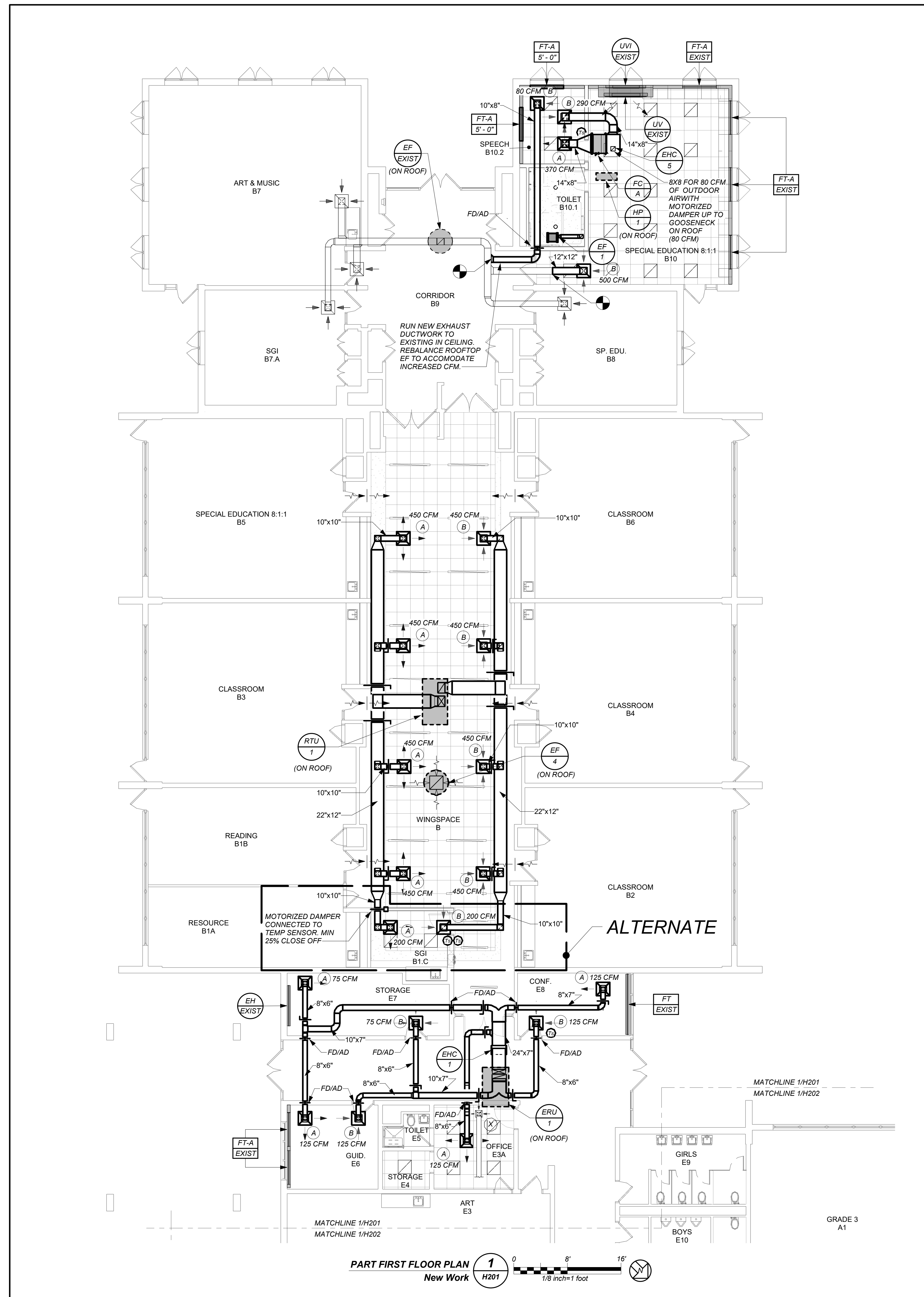
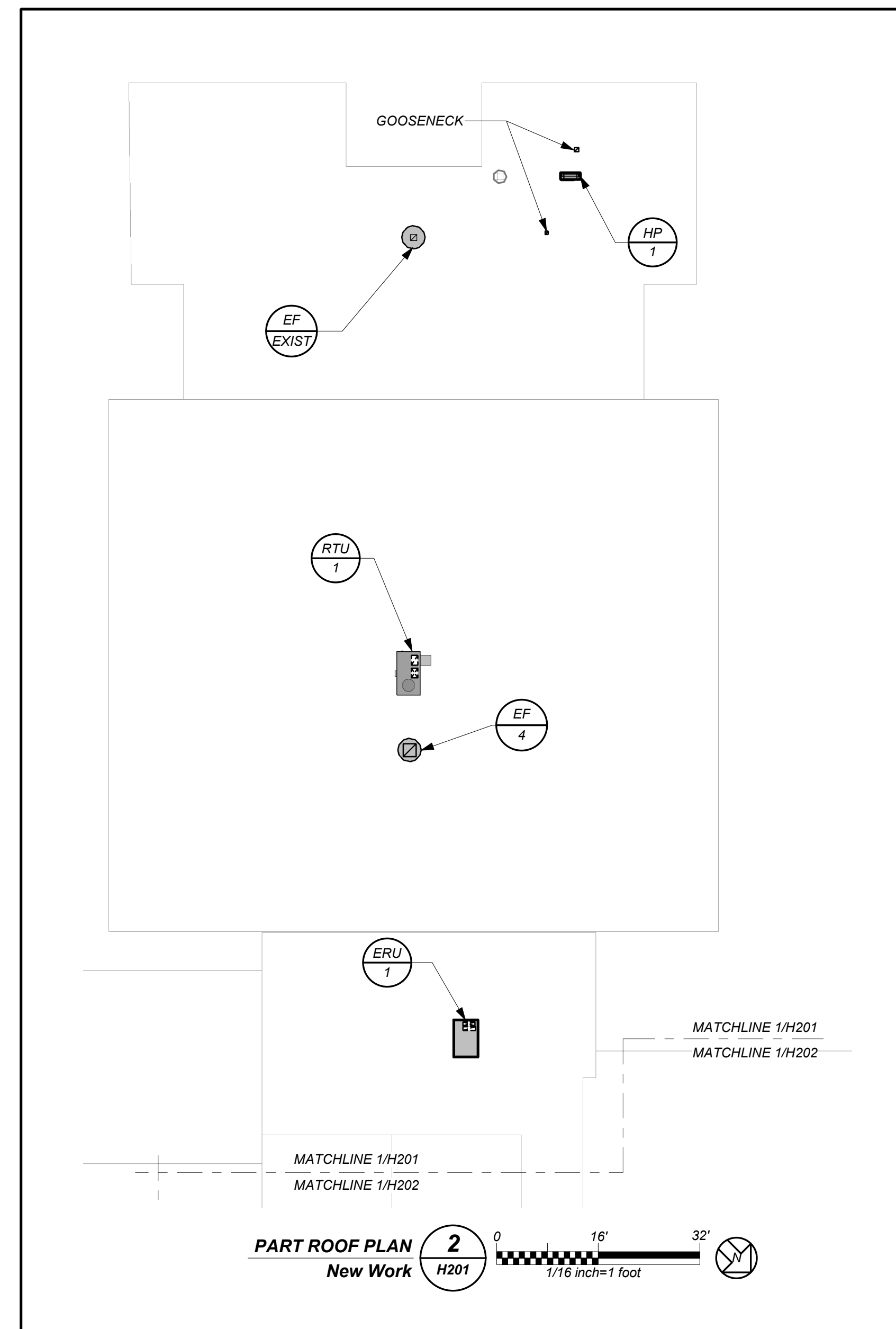
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No.	Date	Issue

**PART FIRST FLOOR
PLAN (NEW WORK)**

Job No.	2023-1059	Date	03/21/2024
Scale	AS NOTED	Drawn / Checked	BGA / BGA

Sheet Number

H201



**IN ALL AREAS WHERE CEILINGS ARE NOT BEING REPLACED,
REMOVE TILES AND GRID AS REQUIRED TO PERFORM
WORK AND REINSTALL FOR "AS NEW" CONDITION. CLEAN
ALL EXISTING DIFFUSERS/REGISTERS TO REMAIN.**

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**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

KATONAH LEWISBORO SD
UFSD
18 SMITH RIDGE ROAD,
SOUTH SALEM, NY 10590



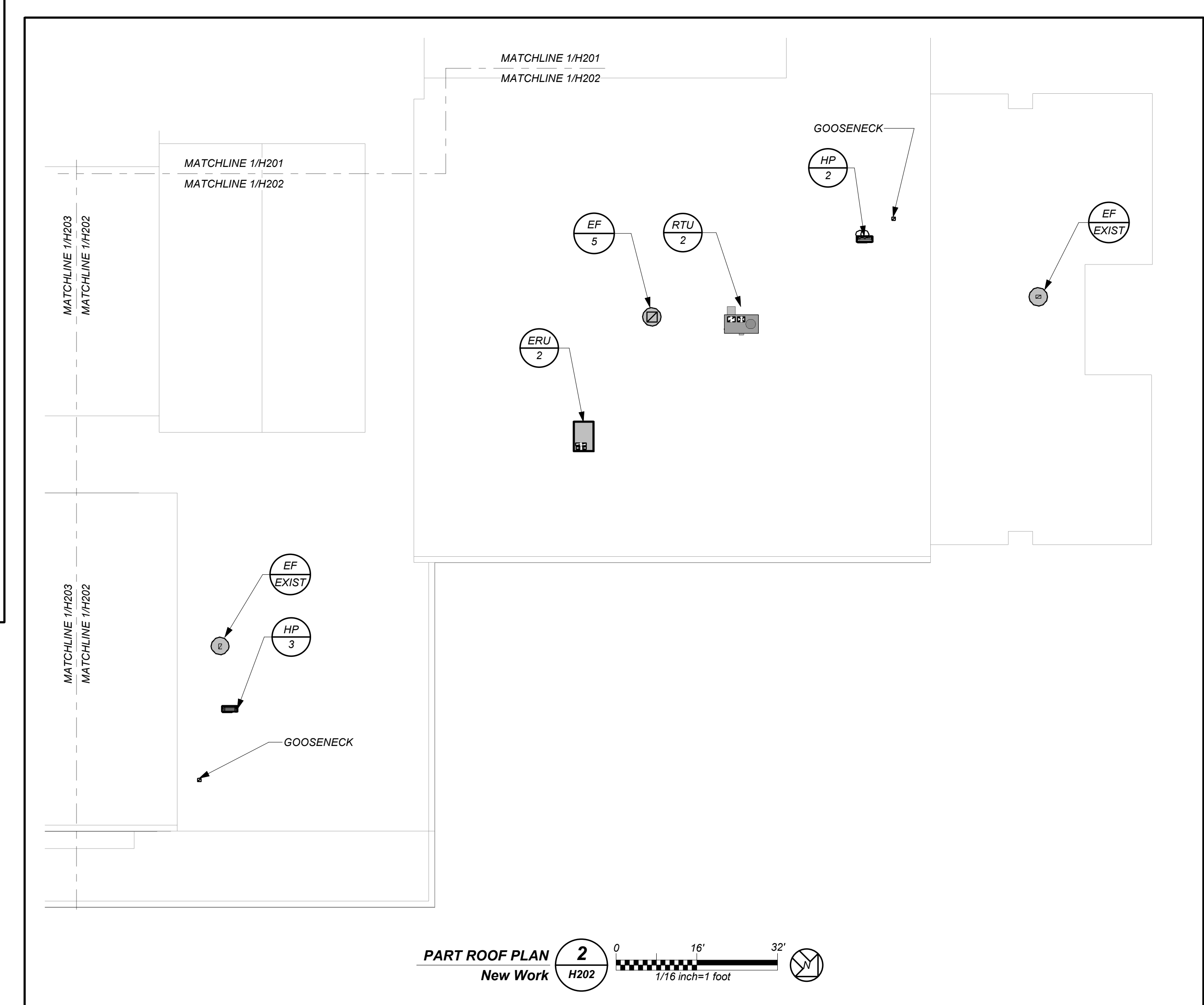
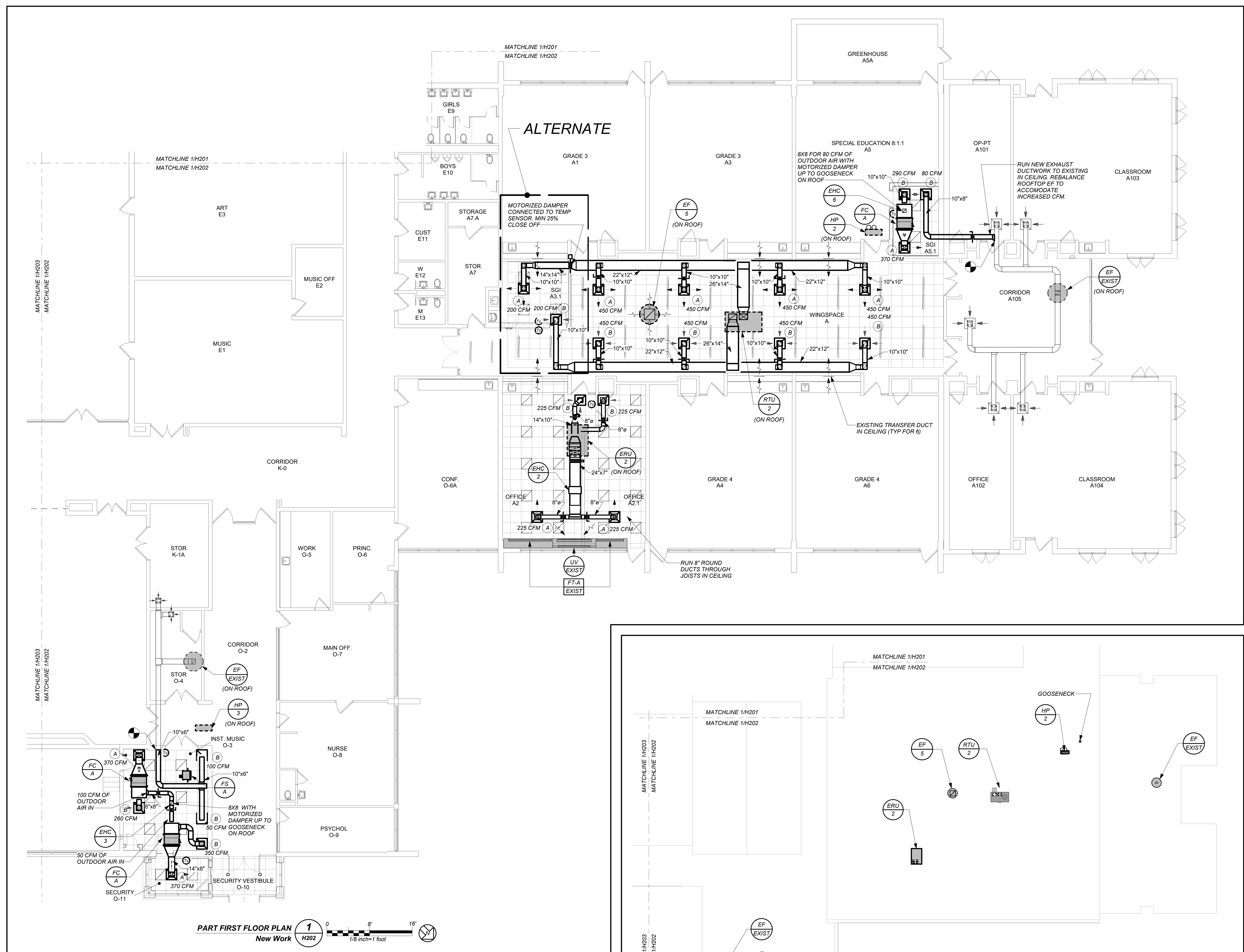
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285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P: 914.666.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NUMBER
66-01-01-03-0-007-016

CONSTRUCTION DOCUMENTS -
NYS-ED

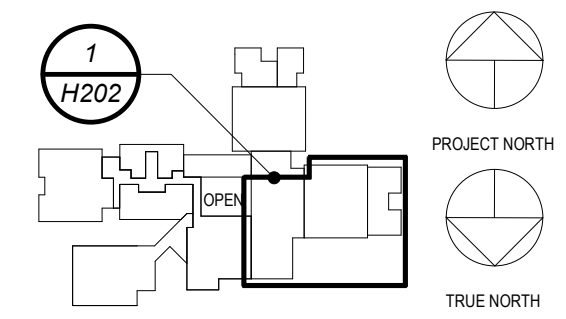


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**PART FIRST FLOOR
PLAN (NEW WORK)**

Job No.	2023-1059	Date	03/21/2024
Scale	AS NOTED	Drawn / Checked	BGA / BGA
Sheet Number	H202		

**MEADOW POND
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ALTERATIONS**

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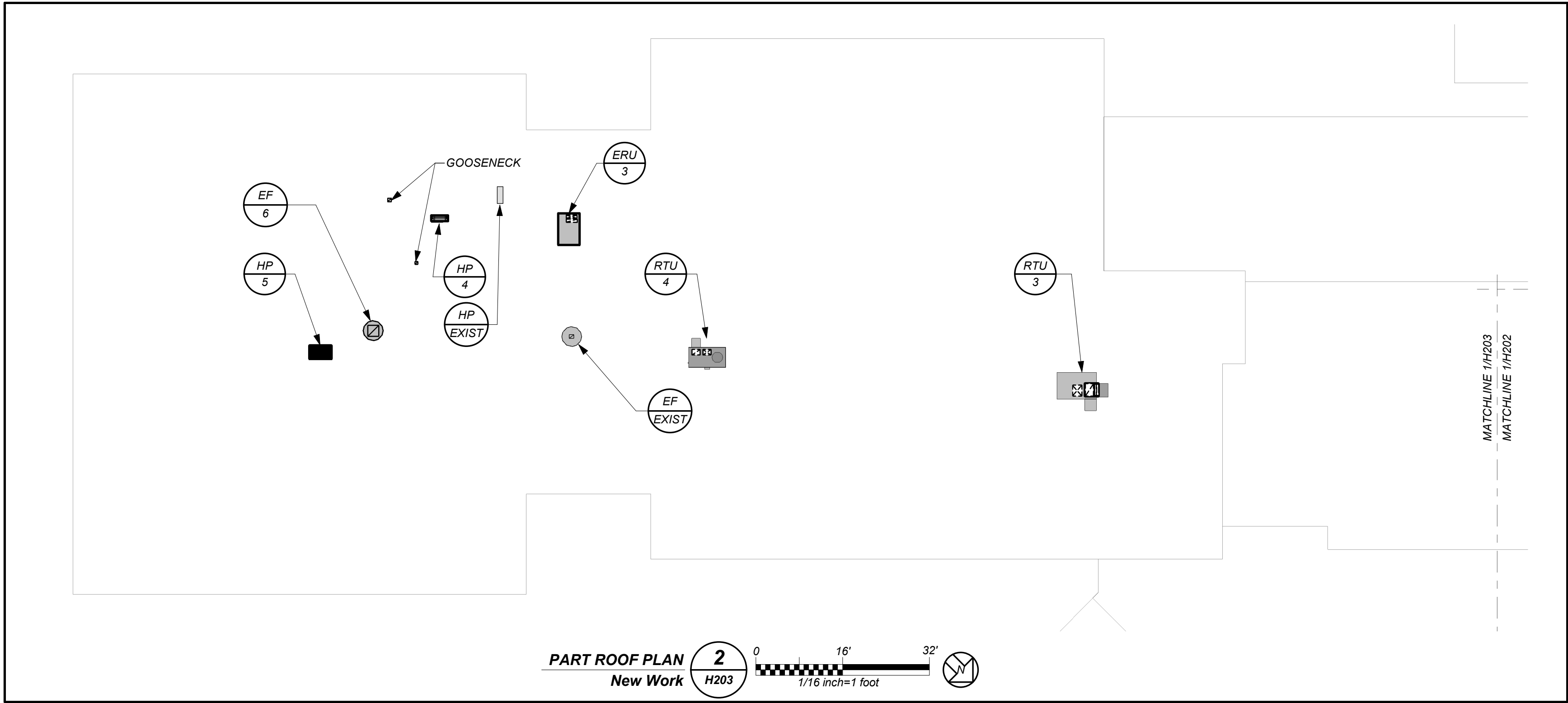
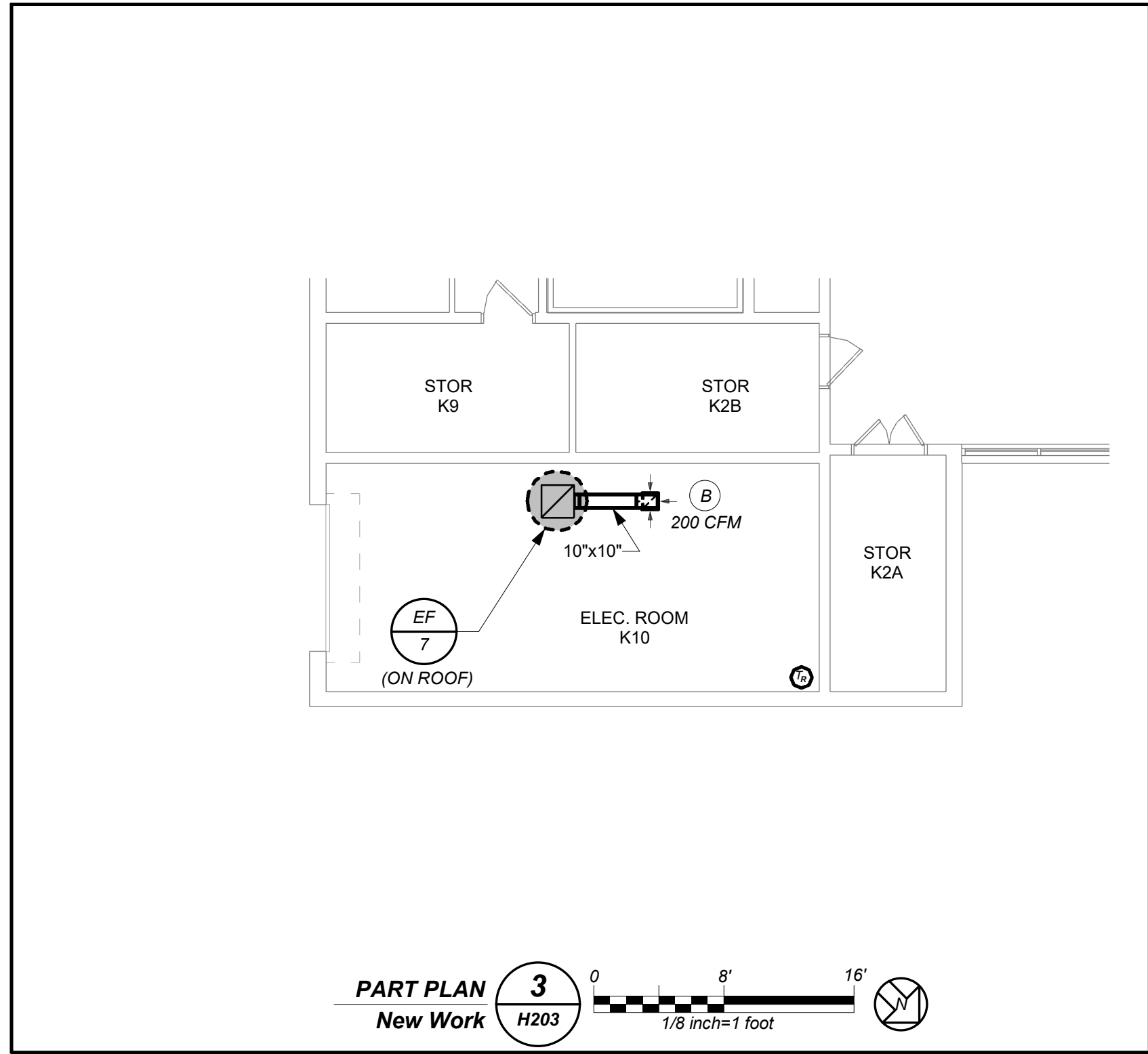
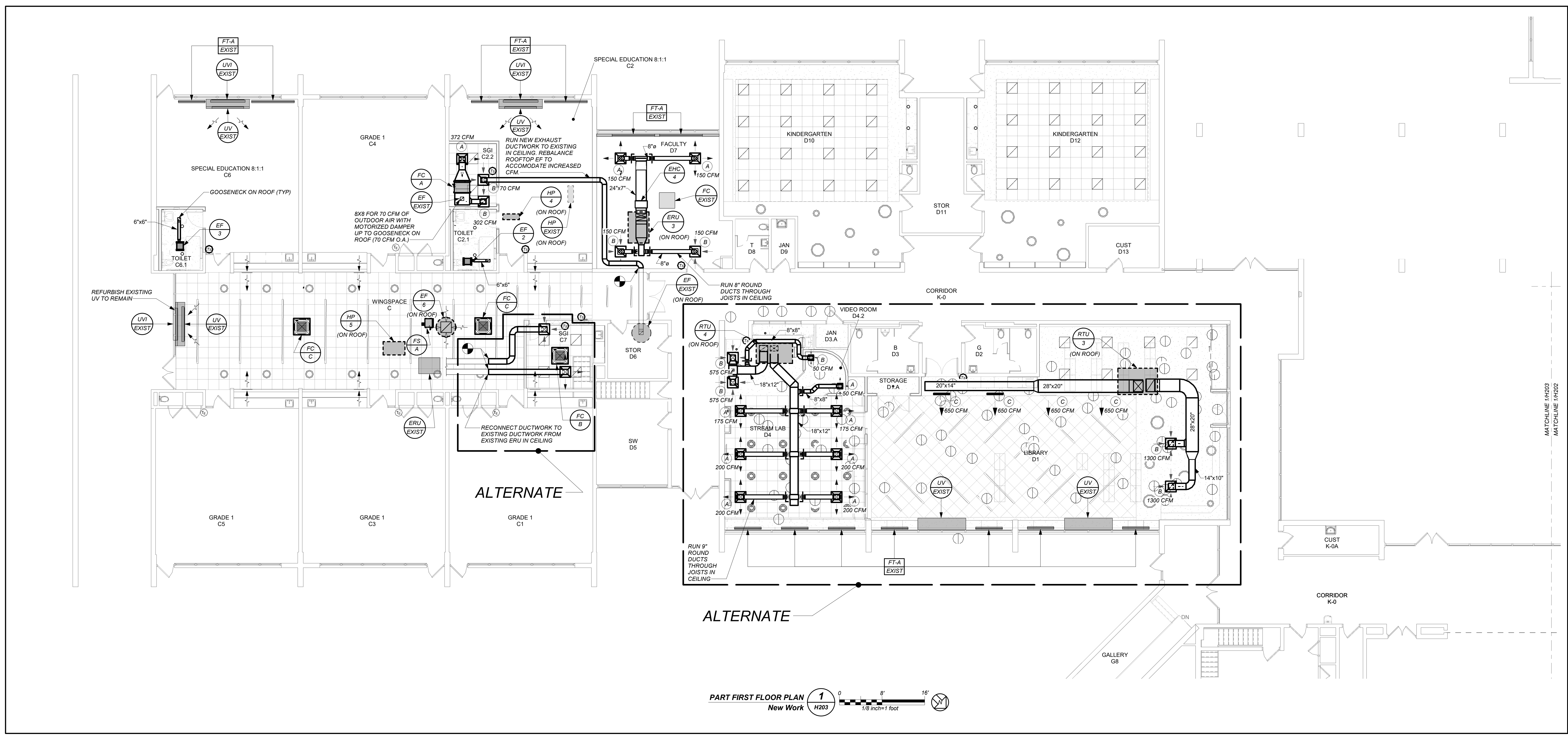
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66-01-01-03-0-007-016

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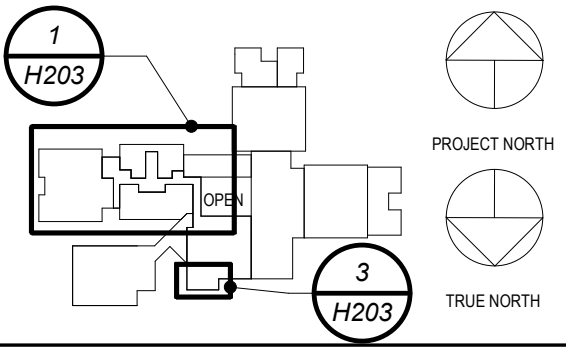


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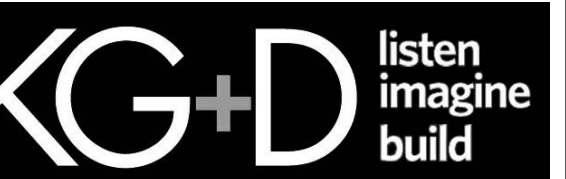
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**PART FIRST FLOOR
PLAN (NEW WORK)**

Job No.	2023-1059	Date	03/21/2024
Scale	AS NOTED	Drawn / Checked	BGA / BGA
Sheet Number	H203		

**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

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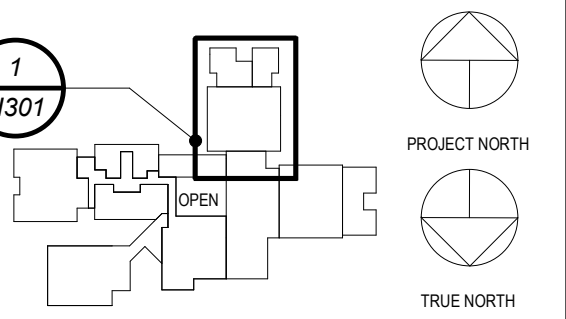
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NY SED PROJECT CONTROL NUMBER
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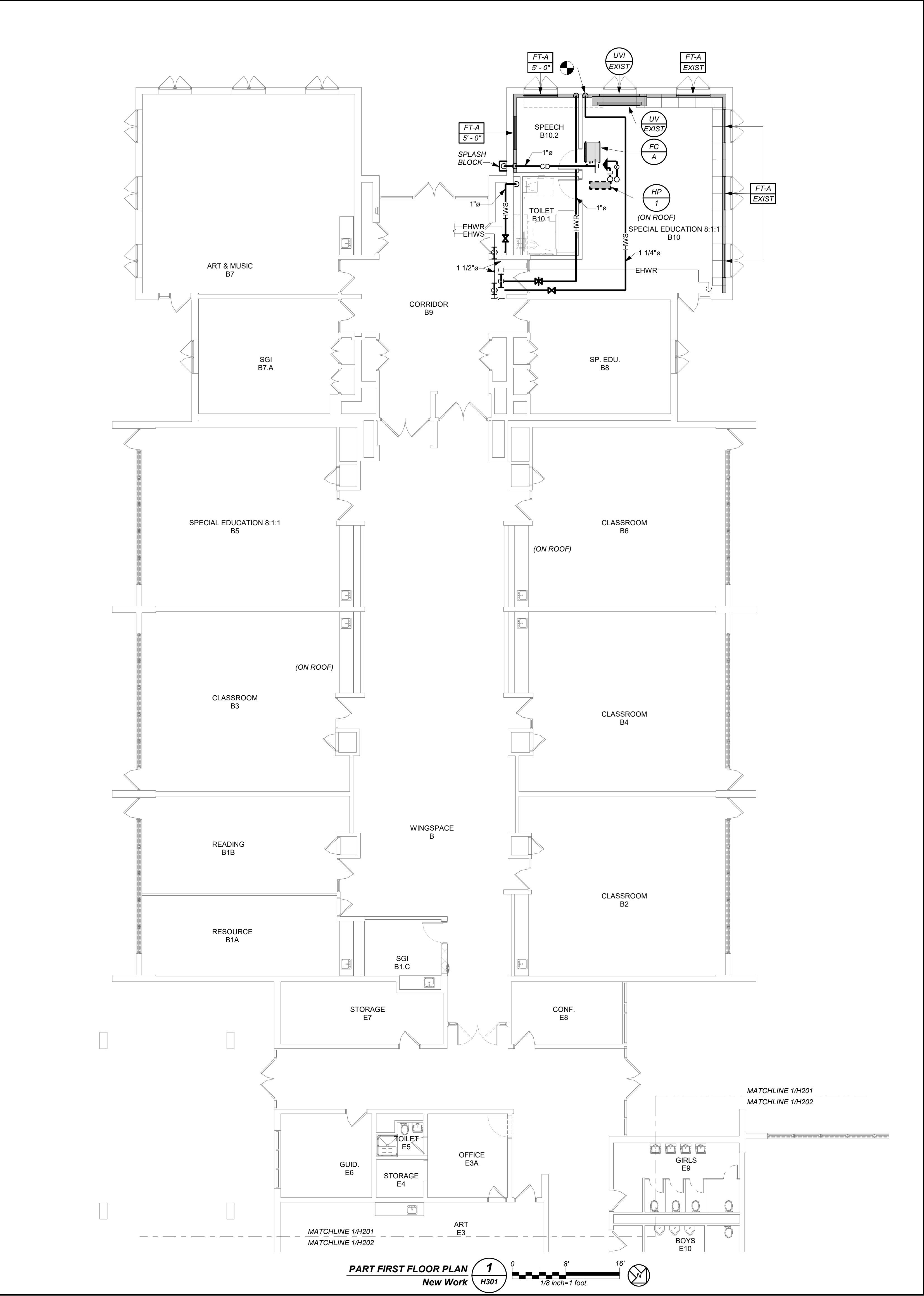
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No.	Date	Issue
2	03.22.2024	ISSUED FOR BID
1	09.01.2023	NYS-ED SUBMISSION

**PART FIRST FLOOR
PIPING PLAN (NEW
WORK)**

Job No.	2023-1059	Date	03/21/2024
Scale	AS NOTED	Drawn / Checked	BGA / BGA
Sheet Number	H301		



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GENERAL PIPING NOTES

VRP SYSTEM
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CONDENSATE DRAIN SYSTEM
THE CONTRACTOR SHALL PROVIDE CONDENSATE PIPING FROM EACH RESPECTIVE INDOOR EVAPORATOR UNIT, COIL, AIR HANDLER, ECU, DOAS, AND RTUE, TO THE NEAREST FLOOR DRAIN, JANITOR'S SINK, INDIRECT WASTE, OR ROOF DRAIN, FOR A COMPLETE AND OPERABLE SYSTEM. CONDENSATE PIPING SHALL BE MINIMUM 1" ROUND.

HOT WATER HEATING SYSTEM
THE CONTRACTOR SHALL PROVIDE ALL HOT WATER SUPPLY BRANCH PIPING WITH BALL VALVES AND ALL HOT WATER RETURN BRANCH PIPING WITH COMBINATION BALANCING & SHUT-OFF VALVES.

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**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

KATONAH LEWISBORO SD
UFSD
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SOUTH SALEM, NY 10590



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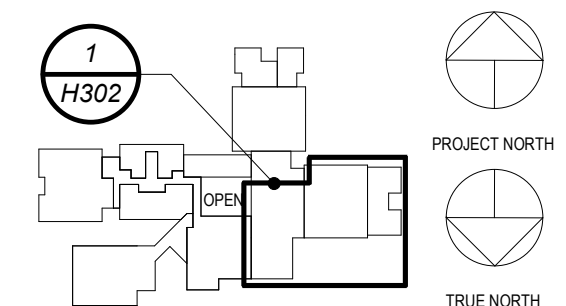
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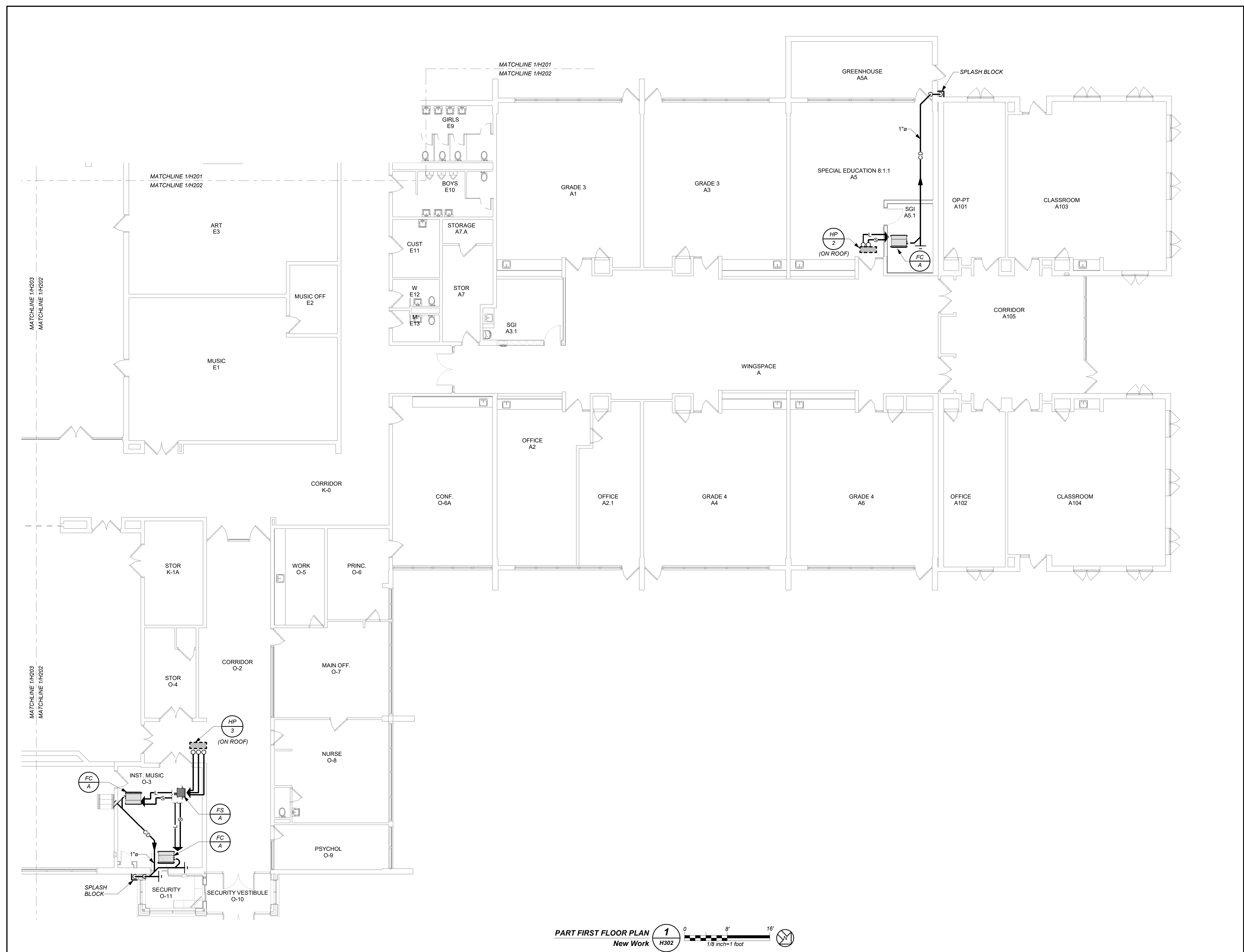


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PART FIRST FLOOR PLAN
New Work
1/8" = 1'-0"
1/8 inch = 1 foot

GENERAL PIPING NOTES

VRF SYSTEM

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No.	Date	Issue
1	09/01/2023	NYS ED SUBMISSION
2	03/22/2024	ISSUED FOR BID

Sheet Title

**PART FIRST FLOOR
PIPING PLAN (NEW
WORK)**

Job No. 2023-1059 Date 03/21/2024

Scale AS NOTED Drawn / Checked BGA / BGA

Sheet Number

H302

**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

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SOUTH SALEM, NY 10590



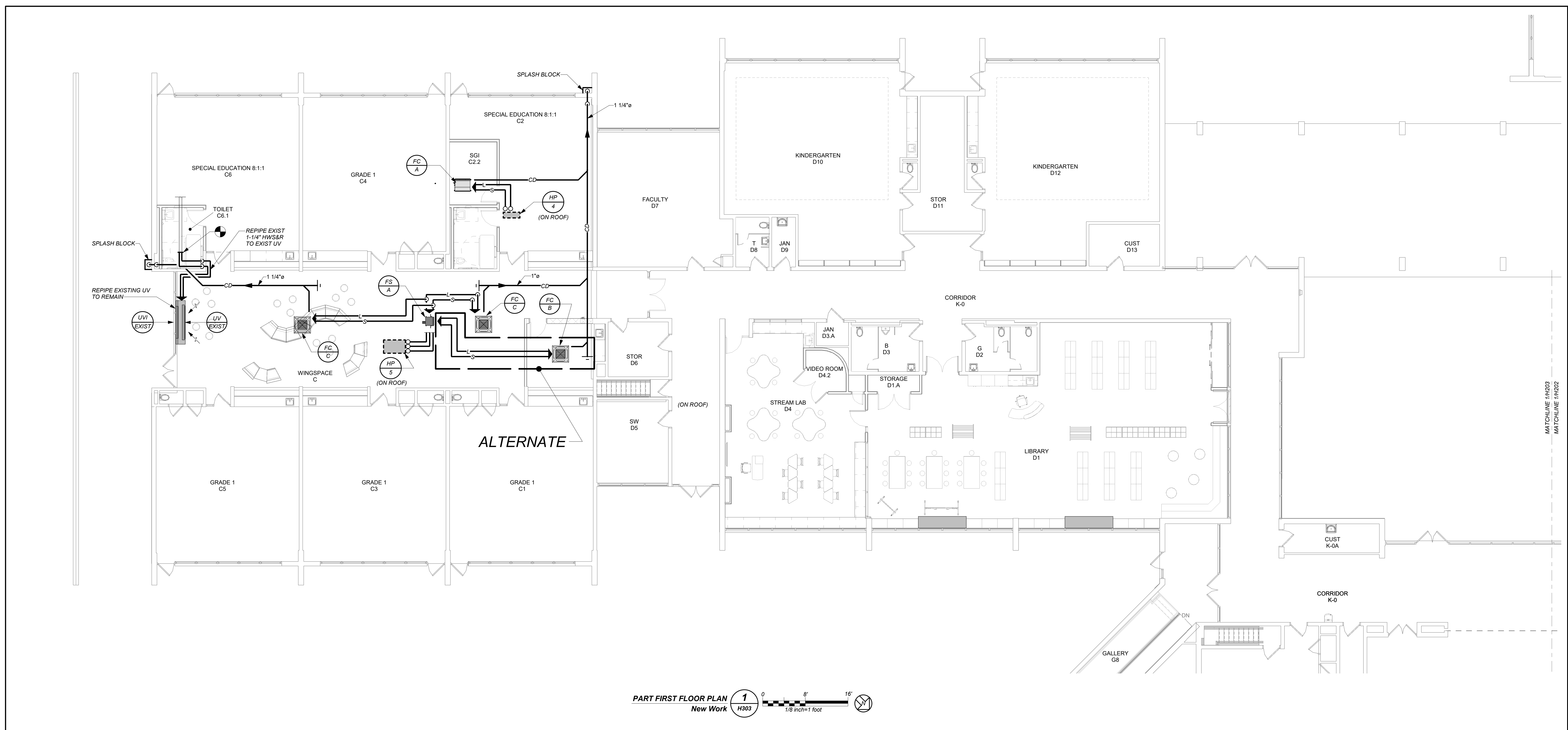
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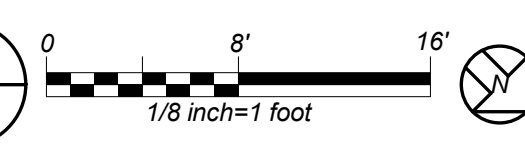
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PHONE: 914.328.6000 FAX: 914.328.9304 Genn@BGAEng.com



PART FIRST FLOOR PLAN
New Work **H303**

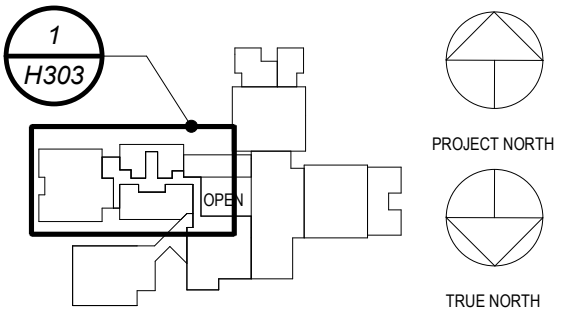


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Sheet Title
**PART FIRST FLOOR
PIPING PLAN (NEW
WORK)**

Job No.	2023-1059	Date	03/21/2024
Scale	AS NOTED	Drawn / Checked	BGA / BGA
Sheet Number	H303		

SCHEDULE OF ELECTRIC DUCT HEATERS

MARK	SERVICE	LOCATION	CFM	FACE VELOCITY FPM	COIL DATA					MODEL No.	REMARKS	
					COIL SIZE L x H	EAT (°F)	LVG (°F)	MBH	CAPACITY (KW)			V/PH/Hz
ERL1	ERL2	CEILING	450	450	24X7	60	80	9.9	3	208/1/60	CBK	REFER TO 2 3
ERL2	ERL2	CEILING	450	450	24X7	60	80	9.9	3	208/1/60	CBK	REFER TO
ERL3	ERL3	ROOMS 011 & 03	130	295	8X8	10	57	6.8	2	208/1/60	CBK	REFER TO
ERL4	ERL4	CEILING	355	300	24X7	60	80	6.7	2	208/1/60	CBK	REFER TO
ERL5	ERL5	ROOM B10.2	80	180	8X8	10	29	1.7	0.5	208/1/60	CBK	REFER TO
ERL6	ERL6	ROOM A5.1	80	180	8X8	10	29	1.7	0.5	208/1/60	CBK	REFER TO

NOTES
 1 AS MANUFACTURED BY "WARREN MANUFACTURING CO."
 2 INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
 3 PROVIDE SCR CONTROLS AND DUCTSTAT. SHIP CONTROL PANEL SEPARATELY FOR REMOTE MOUNTING. COORDINATE WITH ELECTRICAL CONTRACTOR.

SCHEDULE OF ENERGY RECOVERY UNITS

GENERAL DATA				SUPPLY FAN DATA		RETURN-EXH. FAN DATA		ELECTRICAL DATA		HEAT EXCHANGER		FILTER		PHYSICAL DATA		REMARKS	
MARK	SERVICE	LOCATION	MODEL No.	CFM	MOTOR HP	CFM	MOTOR HP	E.S.P. IN WG	MCA	MOP	ELECTRICAL SERVICE	MODEL	THERMAL EFFICIENCY (%)	TYPE	LxHxW(in.)/WEIGHT(LBS)		
ERL7	ROOMS E6, E7 & E8	ROOF	ERV-1300-SS-240-1-CORIGO	450	1.0	2.0	325	1.0	2.0	8.3	15	208/1/60	FIXED CORE	82	2" MERV 13	50x36x34/500	REFER TO 2 3 4 5
ERL8	ROOMS A2 & A2.1	ROOF	ERV-1300-SS-240-1-CORIGO	450	1.0	2.0	450	1.0	2.0	8.3	15	208/1/60	FIXED CORE	82	2" MERV 13	50x36x34/500	
ERL9	FACULTY D7	ROOF	ERV-1300-SS-240-1-CORIGO	340	1.0	1.0	340	1.0	1.0	7.9	15	208/1/60	FIXED CORE	82	2" MERV 13	50x36x34/500	

NOTES
 1 AS MANUFACTURED BY "SYSTEMAIR".
 2 INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
 3 PROVIDE 100% OUTDOOR AIR ERU WITH MERV 13 FILTERS, HEAT RECOVERY PLATE, INTEGRAL ELECTRIC HEATING COIL, INTERNAL SPRING VIBRATION ISOLATORS, ECM MOTORS, 100% ECONOMIZER, DRY CONTACTS FOR DIRTY FILTER INDICATOR, FROST CONTROL, PHASE PROTECTION, DISCONNECT SWITCH, MOTORIZED DAMPERS FOR OA, EA & ECONOMIZER.
 4 INDICATED EQUIPMENT DESIGNATIONS ARE FOR USE IN CONSTRUCTION ONLY. CONTRACTOR SHALL COORDINATE WITH OWNER ON DESIRED FINAL TAG IDENTIFICATION/NUMBERING/LETTERING. OWNER APPROVED DESIGNATIONS SHALL BE USED IN BMS PROGRAMMING AND ON PERMANENT EQUIPMENT IDENTIFICATION TAGS. AS-BUILT DRAWINGS SHALL BE UPDATED WITH FINAL IDENTIFICATION TAG DESIGNATIONS.

SCHEDULE OF REGISTERS AND DIFFUSERS

MARK	TYPE	SERVICE	MODEL No.	DIRECTION DISCHARGE	DAMPER TYPE	FINISH	TYPE	REMARKS
A	CEILING DIFFUSER	SUPPLY	SCD	4-WAY	OPPOSED BLADE	PER ARCH.	LAY IN	REFER TO 2 3 4 5
B	CEILING REGISTER	RETURN	635	-	-	-	LAY IN	REFER TO 2 3 4 6
C	SIDEWALL GRILLE	SUPPLY	SDG	DOUBLE DEFLECTION	-	-	DUCT MOUNT	REFER TO 2 3 4 5
D	SIDEWALL GRILLE	RETURN	SDGR	-	-	-	DUCT MOUNT	REFER TO 2 3 4 6
X	EXISTING REGISTER, DIFFUSER, GRILLE.							

NOTES
 1 AS MANUFACTURED BY "PRICE".
 2 INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
 3 PROVIDE MOUNTING FRAME COMPATIBLE W/ MOUNTING SURFACE. COORDINATE ALL BORDER TYPES, COLORS, FINISHES AND DIMENSIONS WITH ARCHITECT.
 4 PROVIDE CABLE OPERATED DAMPERS IN UN-ACCESSIBLE AREAS.

50 TO 99	100 TO 299	300 TO 499	500 TO 799	800 TO 1199	1200 TO 1499	1500 TO 1999	2000 TO 2499	2500 TO 2999	3000 TO 3999	4000 TO 4999	5000 TO 5999	6000 TO 6999	7000 TO 7999	8000 TO 8999	9000 TO 9999
6x6	9x9	12x12	15x15	18x18	21x21	24x24	27x27	30x30	36x36	42x42	48x48	54x54	60x60	66x66	72x72

3 SUPPLY NECK SIZE PER CFM RANGE (NOT TO EXCEED 500 fpm)
 4 RETURN NECK SIZE PER CFM RANGE (NOT TO EXCEED 675 fpm)

SCHEDULE OF EXHAUST FANS

MARK	SERVICE	LOCATION	MODEL No.	TYPE	CFM	EXT. S.P. IN 1/2 O	RPM	MOTOR HP	ELECTRIC V/PH/Hz	SIZE (IN)	WEIGHT (LBS.)	REMARKS
EF1	TOILET B10.1	CEILING	SP-AP	CEILING EXHAUST	100	0.25	880	1/10	115/1/60	14"x11"x9"H	17	REFER TO 2 3 4
EF2	TOILET C2.1											
EF3	TOILET C6.1											
EF4	WINGSPACE B	ROOF	G-160-VG	DOWNBLAST EXHAUST	2700	0.5	945	1	208/1/60	22"x22"x24"H	101	REFER TO 2 3 4
EF5	WINGSPACE A											
EF6	WINGSPACE C											
EF7	ELEC RM				200	0.25			115/1/60			

NOTES
 1 AS MANUFACTURED BY "GREENHECK".
 2 INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
 3 PROVIDE VIBRATION ISOLATORS, BACKDRAFT DAMPER, INTERNALLY MOUNTED VARIABLE SPEED CONTROL, DISCONNECT SWITCH, AND NAMEPLATE IDENTIFYING FAN MARK, MODEL NO., CFM, RPM, HP, AND ELECTRICAL SERVICE.
 4 PROVIDE ROOF CURB ADAPTER, WEATHERPROOF FACTORY MOUNTED DISCONNECT SWITCH, INTERNALLY MOUNTED VARIABLE SPEED CONTROLLER, MOTORIZED DAMPER, VIBRATION ISOLATORS, AND NAMEPLATE IDENTIFYING FAN MARK, MODEL NO., CFM, RPM, HP, AND ELECTRICAL SERVICE.
 5 INDICATED EQUIPMENT DESIGNATIONS ARE FOR USE IN CONSTRUCTION ONLY. CONTRACTOR SHALL COORDINATE WITH OWNER ON DESIRED FINAL TAG IDENTIFICATION/NUMBERING/LETTERING. OWNER APPROVED DESIGNATIONS SHALL BE USED IN BMS PROGRAMMING AND ON PERMANENT EQUIPMENT IDENTIFICATION TAGS. AS-BUILT DRAWINGS SHALL BE UPDATED WITH FINAL IDENTIFICATION TAG DESIGNATIONS.

SCHEDULE OF PACKAGED ROOFTOP UNITS

GENERAL DATA				SUPPLY FAN DATA			RET DATA			ELEC HEATING DATA				DX COOLING DATA				FILTER	ENERGY RECOVERY ACCESSORY DATA			ELECTRICAL DATA			PHYSICAL DATA	REMARKS			
MARK	SERVICE	LOCATION	MODEL No.	CFM	MOTOR HP	RPM	E.S.P. IN WG	CFM	E.S.P. IN WG	TOTAL HEATING CAP. (MBH)	ENT. TEMP. (DBP)	LVG. TEMP. (DBP)	TOTAL COOLING CAP. (MBH)	SENS. COOLING CAP. (MBH)	EVF. TEMP. (DBP/REF)	LVG. TEMP. (DBP/REF)	EER	IEER	COMP. OPT.	TYPE	MODEL No.	OA CFM	EXH CFM	ELECTRICAL SERVICE	MCA		MOP	ELECTRICAL SERVICE	LxHxW(in.)/WGT (LBS)
RTU1	WINGSPACE B	ROOF	XN036C00B2C6BCA5F2	2000	2	1391	1.25	2000	1.25	54.2	65	91	55	45	77/64	55/54	11.0	-	-	4" MERV 13	VP011A06H2AL41	867	867	208/3/60	95.4	100	208/3/60	83x33x45/680	REFER TO 2 3 4 5 6 7 8
RTU2	WINGSPACE A	ROOF	XN036C00B2C6BCA5F2	2000	2	1391	1.25	2000	1.25	54.2	65	91	55	45	77/64	55/54	11.0	-	-	4" MERV 13	VP011A06H2AL41	867	867	208/3/60	95.4	100	208/3/60	83x33x45/680	
RTU3	LIBRARY	ROOF	XP090E24R2A6BCA6A2	2600	3.0	1032	1.0	2600	1.0	61.4	59	81	94	65	77/64	55/54	11.2	14.6	-	4" MERV 13	VR020A12H2AL41	1515	1515	208/3/60	116	125	208/3/60	89x51x59/1131	REFER TO 2 3 4 5 6 7 8 9
RTU4	STREAM LAB	ROOF	XN036C00B2C6BCA5F2	1200	1.5	1101	1.0	1200	1.0	40.6	63	95	37	29	77/64	55/54	12.0	-	-	4" MERV 13	VP011A06H2AL41	694	694	208/3/60	71	80	208/3/60	83x33x45/670	

NOTES
 1 AS MANUFACTURED BY "TEMPMASTER".
 2 INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
 3 DESIGN AIR CONDITIONS: SUMMER: OA (95°F/75°F) RA (75°F/63°F); WINTER: OA (10°F) RA (70°F).
 4 PROVIDE PACKAGED ROOFTOP UNIT WITH ENERGY RECOVERY VENTILATOR W/ DUAL POINT POWER, LOW AMBIENT KIT, MOTORIZED OUTSIDE AIR, START-STOP-JOG, PRESSURE SENSOR, ECONOMIZER AND HOOD, 2" PLEATED MERV 13 FILTERS, BACnet MS/TP, POWERED CONVENIENCE OUTLET, HACR CIRCUIT BREAKER/DISCONNECT, PHASE MONITOR, STAINLESS STEEL DRAIN PAN, HINGED & TOOL FREE FILTER, MOTOR AND ELECTRICAL ACCESS PANELS.
 5 FURNISH 24" HIGH ROOF CURB FOR GC INSTALLATION.
 6 PROVIDE ENERGY RECOVERY VENTILATOR ACCESSORY WITH ENTHALPY WHEEL (AS NOTED), LOW AMBIENT KIT, MOTORIZED DAMPERS, AND PRESSURE SENSOR. ENERGY RECOVERY VENTILATOR ACCESSORY REQUIRES SEPARATE POWER CONNECTION.
 7 INDICATED EQUIPMENT DESIGNATIONS ARE FOR USE IN CONSTRUCTION ONLY. CONTRACTOR SHALL COORDINATE WITH OWNER ON DESIRED FINAL TAG IDENTIFICATION/NUMBERING/LETTERING. OWNER APPROVED DESIGNATIONS SHALL BE USED IN BMS PROGRAMMING AND ON PERMANENT EQUIPMENT IDENTIFICATION TAGS. AS-BUILT DRAWINGS SHALL BE UPDATED WITH FINAL IDENTIFICATION TAG DESIGNATIONS.
 8 PROVIDE FACTORY SUPPORT FOR ENERGY RECOVERY SECTION & FURNISH ROOF RAIL FOR GC INSTALLATION.
 9 ALTERNATE

SCHEDULE OF VRF INDOOR UNITS

GENERAL DATA			INDOOR AIR HANDLER INFORMATION			COOLING COIL DATA			HEATING			REMARKS
MARK	LOCATION	MODEL No.	HIGH CFM	MOTOR (AMPS) SERVICE	ELECTRIC SERVICE	TOTAL CAP. BTU/HR	SENSIBLE CAP. BTU/HR	ENT. MED. AIR TEMP.	TOTAL CAP. BTU/HR	ENT. MED. AIR TEMP.		
ICU1	ABOVE CEILING	ARNU073M1A4	372	1.6	208/1/60	7,500	5,550	76	8,500	59	REFER TO 2 3 4 5 6 7	
ICU2	CEILING	ARNU183TAA4	735	0.3		19,100	14,200		21,500		REFER TO 2 3 4 5 6 7	
ICU3	CEILING	ARNU483TAA4	1,158	1.67		48,100	35,600		51,200		REFER TO 2 3 4 5 6 7	

NOTES
 1 AS MANUFACTURED BY "LG."
 2 INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
 3 BASED ON A.R.I. CERTIFIED COIL SELECTIONS; REFRIGERANT R-410A.
 4 PROVIDE FACTORY MOUNTED INTEGRAL CONDENSATE PUMP, CHECK VALVE, ANTI SWEAT SLEEVE AND AUTO SHUTDOWN OVERFLOW SWITCH.
 5 PROVIDE MOUNTING HARDWARE, VIBRATION ISOLATORS, AND DISCONNECT.
 6 THE VRF SYSTEM SHALL BE ABLE TO INTEGRATE WITH THE BUILDING MANAGEMENT SYSTEM VIA BACNET IP GATEWAY. THIS GATEWAY CONVERTS BETWEEN BACNET IP OR MODBUS TOP PROTOCOL, AND RS-485 LGAP (LG AIRCON PROTOCOL) ALLOWING THIRD PARTY CONTROL AND MONITORING OF THE LG A/C SYSTEM, OR LOWWORKS GATEWAYS.
 7 UNITS LOCATED IN CLASSROOMS MUST BE RUN AT LOW FAN SPEED OR LOWER.

SCHEDULE OF VRF AIR SOURCE HEAT PUMP OUTDOOR UNITS

GENERAL DATA		CAPACITY		PHYSICAL DATA			ELECTRICAL SUPPLY		EFFICIENCY		REMARKS	
MARK	SERVICE	MODEL No.	COOL/HEAT (MBH)	UNIT WEIGHT (POUNDS)	D	W	H	SERVICE	MCA	MOP		EER/IEER
ASU1	SPEECH B10.2	ARUN024GSS4	24	27	176	14	38	33	208/1/60	19.6	30	14.8
ASU2	SGI A5.1	ARUN024GSS4	24	27	176	14	38	33	208/1/60	19.6	30	14.8
ASU3	SECURITY ADDITION	ARUN024GSS4	24	27	176	14	38	33	208/1/60	19.6	30	14.8
ASU4	SGI C2.2	ARUN024GSS4	24	27	176	14	38	33	208/1/60	19.6	30	14.8
ASU5	WINGSPACE C	ARUM121BTES	119.7	135	534	30	49	67	208/3/60	30.9	40	13.1

NOTES
 1 AS MANUFACTURED BY "LG."
 2 BASED ON A.R.I. CERTIFIED COIL SELECTIONS; REFRIGERANT R-410A.
 3 INSTALL ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
 4 PROVIDE DC INVERTER COMPRESSOR SPEED CONTROL BASED ON SYSTEM LOAD.
 5 PROVIDE LOW AMBIENT CONTROL, HARD START, CRANKCASE HEATER. THE VRF SYSTEM SHALL BE ABLE TO INTEGRATE WITH THE BUILDING MANAGEMENT SYSTEM VIA BACNET IP GATEWAY. THIS GATEWAY CONVERTS BETWEEN BACNET IP OR MODBUS TOP PROTOCOL, AND RS-485 LGAP (LG AIRCON PROTOCOL) ALLOWING THIRD PARTY CONTROL AND MONITORING OF THE LG A/C SYSTEM, OR LOWWORKS GATEWAYS.
 6 FURNISH RAILS FOR GC INSTALLATION.
 7 INDICATED EQUIPMENT DESIGNATIONS ARE FOR USE IN CONSTRUCTION ONLY. CONTRACTOR SHALL COORDINATE WITH OWNER ON DESIRED FINAL TAG IDENTIFICATION/NUMBERING/LETTERING. OWNER APPROVED DESIGNATIONS SHALL BE USED IN BMS PROGRAMMING AND ON PERMANENT EQUIPMENT IDENTIFICATION TAGS. AS-BUILT DRAWINGS SHALL BE UPDATED WITH FINAL IDENTIFICATION TAG DESIGNATIONS.

SCHEDULE OF VRF FLOW SELECTOR UNITS

MARK	MODEL No.	CAPACITY DATA (BTU/HR)	PHYSICAL DATA	ELECTRIC SERVICE	REMARKS				
		UNIT PORTS EACH PORT	LxWxH (IN) WEIGHT (LBS)						
FSU1	PRHR023A	120,000	2	60,000	0.17	208/1/60	19X19X9	35	REFER TO 2 3 4

NOTES
 1 AS MANUFACTURED BY "LG." (KLIMA NEW YORK 914 255-4390)
 2 INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
 3 REFRIGERANT R-410A.
 4 PROVIDE MOUNTING HARDWARE. MOUNT UNIT HORIZONTALLY.

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

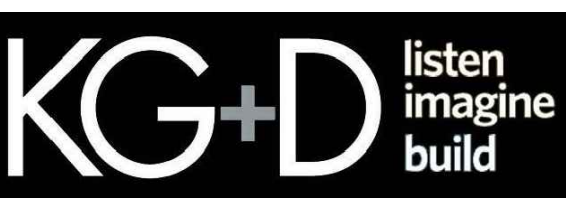
SCHEDULES

Job No.	2023-1017	Date	03/21/2024
Scale	AS NOTED	Drawn / Checked	BGA/BGA
Sheet Number	H401		

SCHEDULE OF MINIMUM VENTILATION ROOM FLOW RATES											
ROOM NAME/NUMBER	OCCUPANCY CATEGORY	A ROOM AREA (SQ.FT.)	B PEOPLE DENSITY (#P/1000 SQ.FT.)	C PEOPLE OUTDOOR AIR FLOW RATE (CFM/PERSON)	D AREA OUTDOOR AIR FLOW RATE IN BREATHING ZONE (CFM/SQ.FT.)	E EXHAUST AIR FLOW RATE (CFM/SQ.FT.)	F NUMBER OF PEOPLE (A×B)÷1000=#P	G OUTDOOR AIR FLOW RATE WITHOUT ZONE EFFECTIVENESS FACTOR (F×C)+(A×D)=CFM	H ZONE AIR DISTRIBUTION EFFECTIVENESS FACTOR	I MINIMUM ROOM VENTILATION AIR FLOW RATE G÷H=CFM	MINIMUM EXHAUST AIR FLOW RATE A×E=CFM
Wingspace / A	LOBBIES/PREFUNCTION	1815	30	7.5	0.06	0	55	521	0.8	652	0
Office / A2	CLASSROOM (AGES 5-8)	475	25	10	0.12	0	12	177	0.8	221	0
Office / A2.1	CLASSROOM (AGES 5-8)	325	25	10	0.12	0	9	129	0.8	161	0
Sgi / A3.1	CLASSROOM (AGES 9+)	165	35	10	0.12	0	6	80	0.8	100	0
Sgi / A5.1	CLASSROOM (AGES 9+)	115	35	10	0.12	0	5	64	0.8	80	0
Wingspace / B	LOBBIES/PREFUNCTION	1810	30	7.5	0.06	0	55	521	0.8	651	0
Sgi / B1.C	CLASSROOM (AGES 9+)	100	35	10	0.12	0	4	52	0.8	65	0
Toilet / B10.1	CELL W/ TOILET	100	2 FIXTURES	-	-	50 CFM/ FIXTURE	-	-	-	-	100
Speech / B10.2	CLASSROOM (AGES 9+)	115	35	10	0.12	0	5	64	0.8	80	0
Wingspace / C	LOBBIES/PREFUNCTION	1715	30	7.5	0.06	0	52	493	0.8	616	0
Toilet / C2.1	CELL W/ TOILET	100	2 FIXTURES	-	-	50 CFM/ FIXTURE	-	-	-	-	100
Sgi / C2.2	CLASSROOM (AGES 9+)	105	35	10	0.12	0	4	53	0.8	66	0
Toilet / C6.1	CELL W/ TOILET	90	2 FIXTURES	-	-	50 CFM/ FIXTURE	-	-	-	-	100
Sgi / C7	CLASSROOM (AGES 9+)	155	35	10	0.12	0	6	79	0.8	98	0
Library / D1	MEDIA CENTER	2225	25	10	0.12	0	56	827	0.8	1034	0
Girls / D2	CELL W/ TOILET	115	2 FIXTURES	-	-	50 CFM/ FIXTURE	-	-	-	-	100
Boys / D3	CELL W/ TOILET	108	2 FIXTURES	-	-	50 CFM/ FIXTURE	-	-	-	-	100
Stream Lab / D4	MEDIA CENTER	835	25	10	0.12	0	21	310	0.8	388	0
Video Room / D4.2	MEDIA CENTER	45	25	10	0.12	0	2	25	0.8	32	0
Faculty / D7	BREAK ROOMS	600	50	5	0.12	0	30	222	0.8	278	0
Data / D-14	COMPUTER (NOT PRINTING)	27	4	5	0.06	0	1	7	0.8	8	0
Office / E3A	OFFICE SPACE	150	5	5	0.06	0	1	14	0.8	18	0
Guidance / E6	CLASSROOM (AGES 9+)	170	35	10	0.12	0	6	80	0.8	101	0
Storage / E7	OCCUPIABLE STORAGE ROOMS FOR DRY MATERIALS	215	2	5	0.06	0	1	18	0.8	22	0
Conference / E8	CONFERENCE/MEETING	155	50	5	0.06	0	8	49	0.8	62	0
Gym / G3 G4	GYM, SPORTS ARENA (PLAY AREA)	4238	7	20	0.18	0.5	30	1363	0.8	1704	2119
Inst Music / O-3	MUSIC/THEATRE/DANCE	200	35	10	0.06	0	7	82	0.8	103	0
Workroom / O-5	OFFICE SPACE	171	5	5	0.06	0	1	15	0.8	19	0
Principal / O-6	OFFICE SPACE	197	5	5	0.06	0	1	17	0.8	21	0
General Office / O-7	OFFICE SPACE	377	5	5	0.06	0	2	33	0.8	41	0
Nurse / O-8	DAYCARE SICKROOM	415	25	10	0.18	0	11	185	0.8	231	0
Toilet / O8A	CELL W/ TOILET	18	2 FIXTURES	-	-	50 CFM/ FIXTURE	-	-	-	-	100
Security / O-11	OFFICE SPACE	145	5	5	0.06	0	1	14	0.8	17	0

**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

KATONAH-LEWISBORO
UFSD
185 SMITH RIDGE RD,
SOUTH SALEM, NY 10590



KG+D . ARCHITECTS PC
385 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P:914.666.5900 KIDARCHITECTS.COM

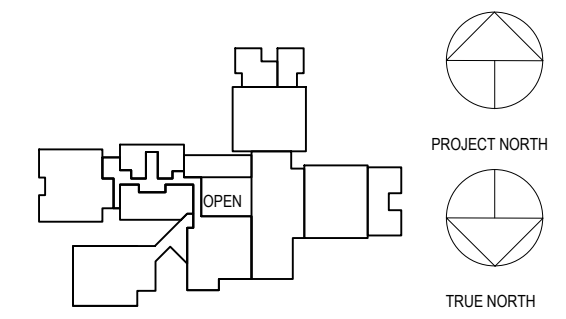
NY SED PROJECT CONTROL NUMBER

66-01-01-03-0-007-016

CONSTRUCTION DOCUMENTS -
NYS&D



BARILE GALLAGHER & ASSOCIATES
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39 MARBLE AVE. PLAZASANTVILLE, NY 10570
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Professional Seal

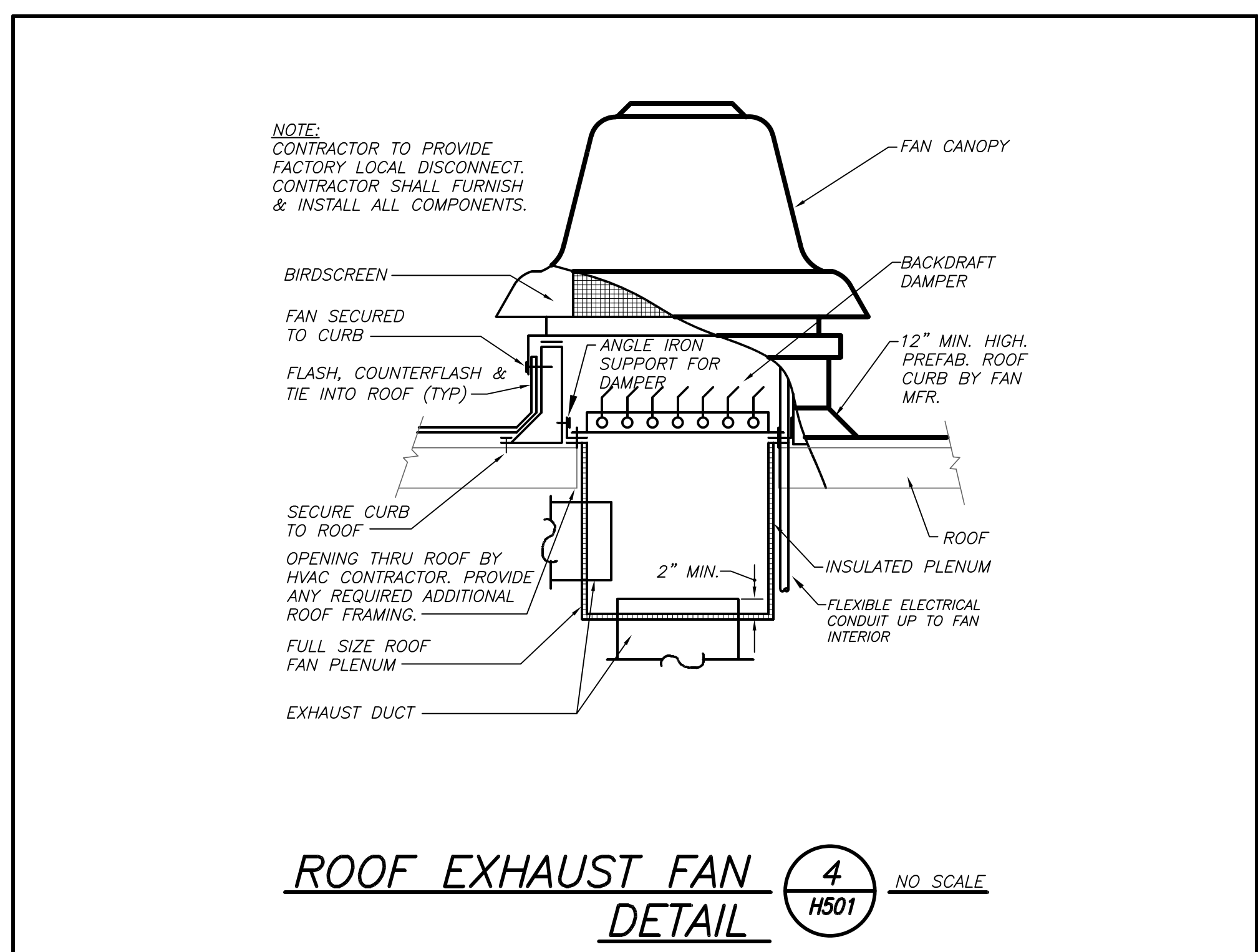
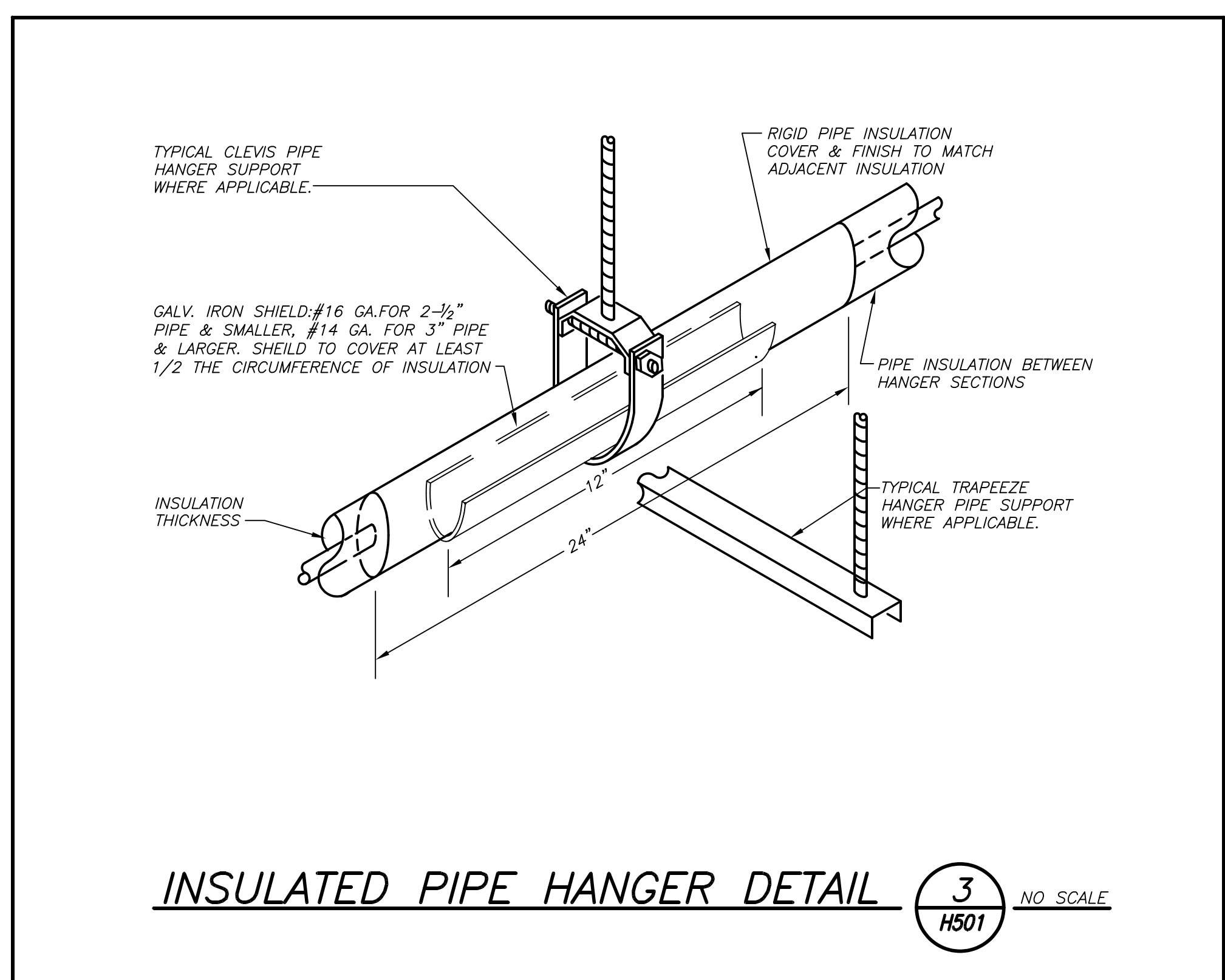
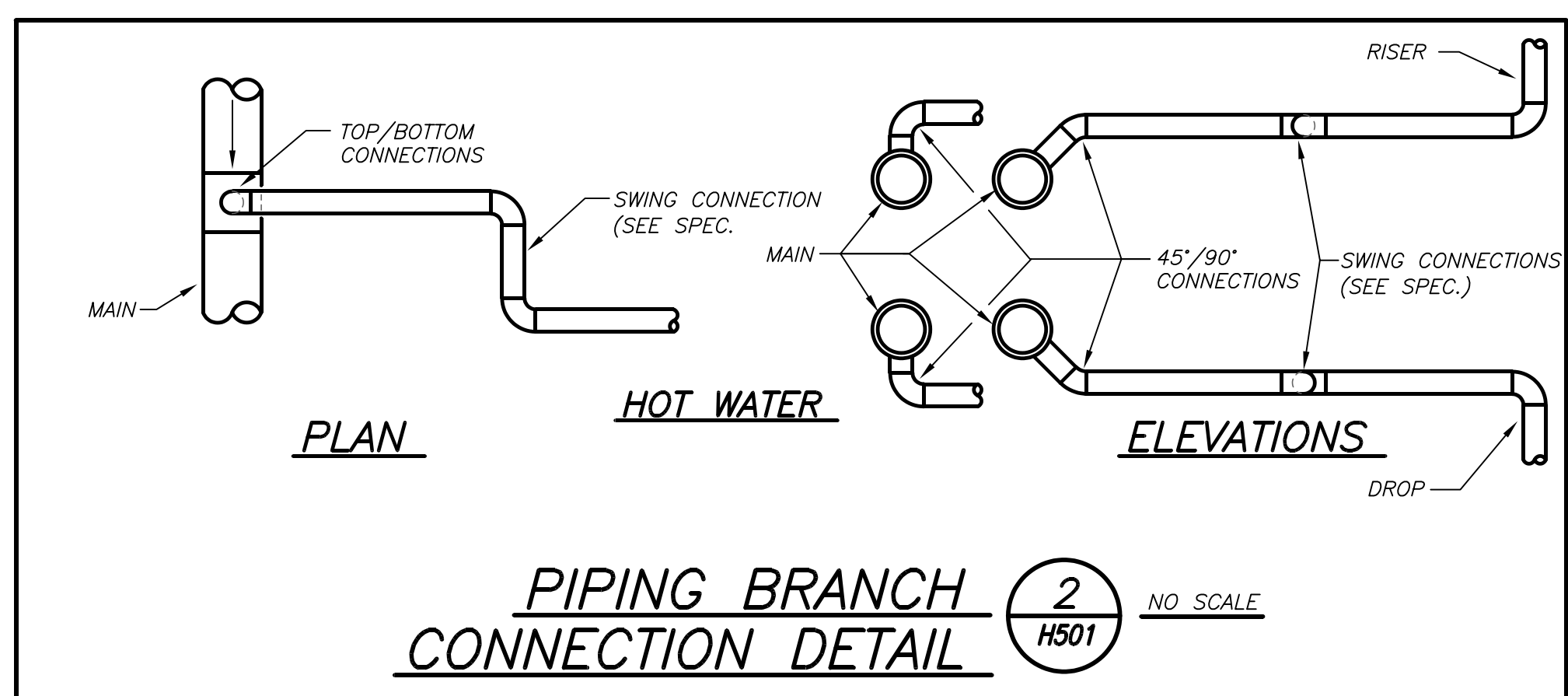
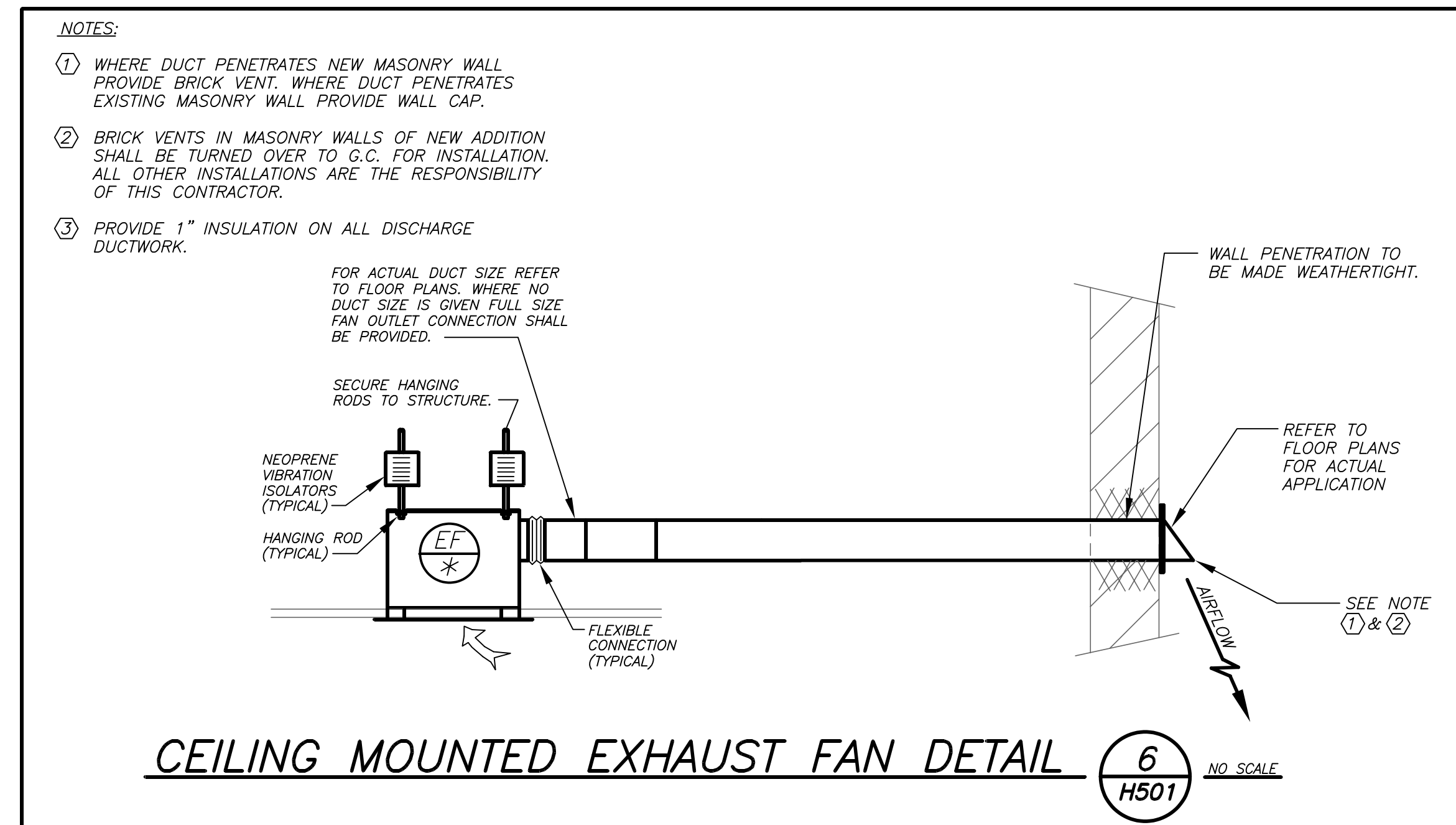
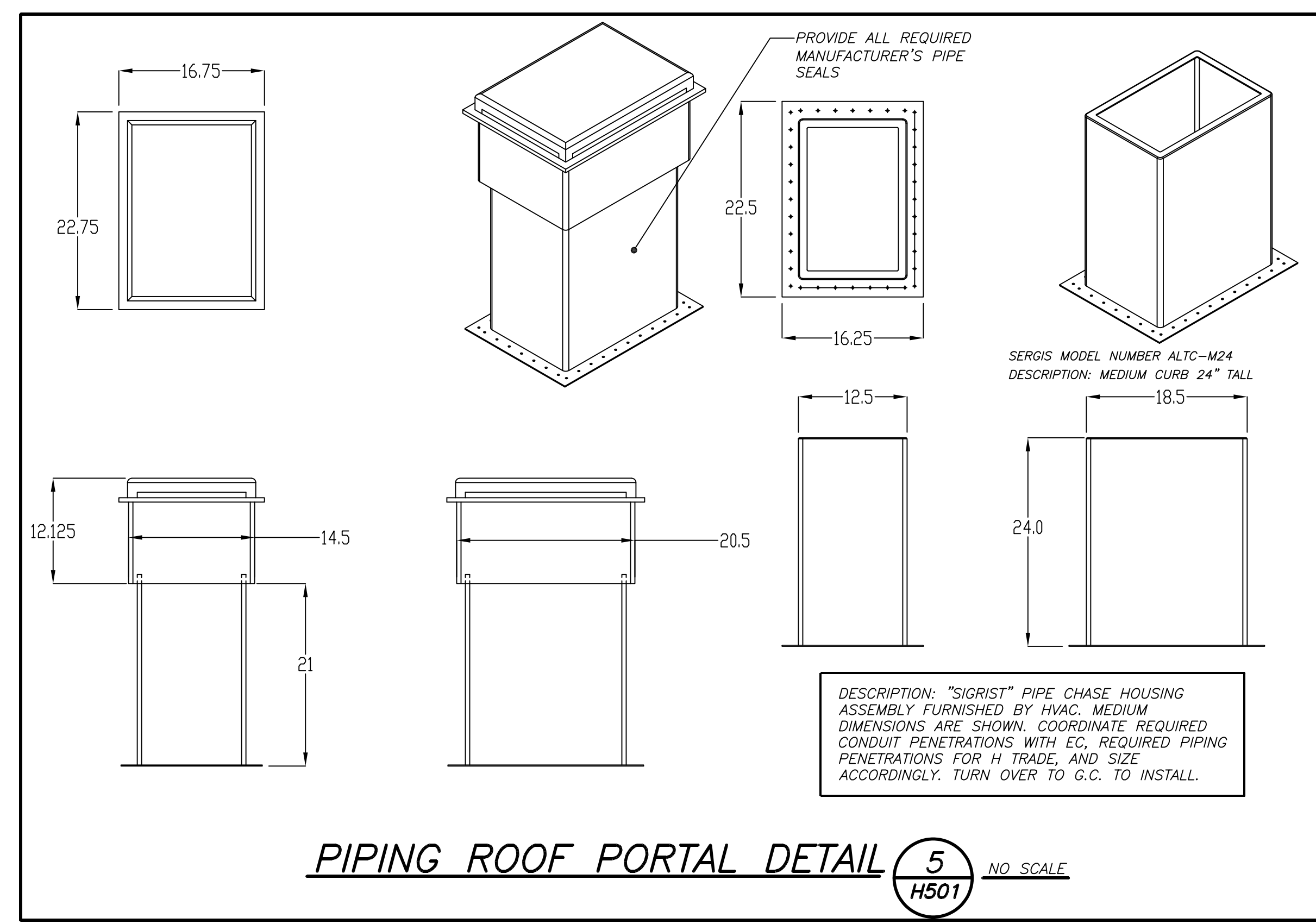
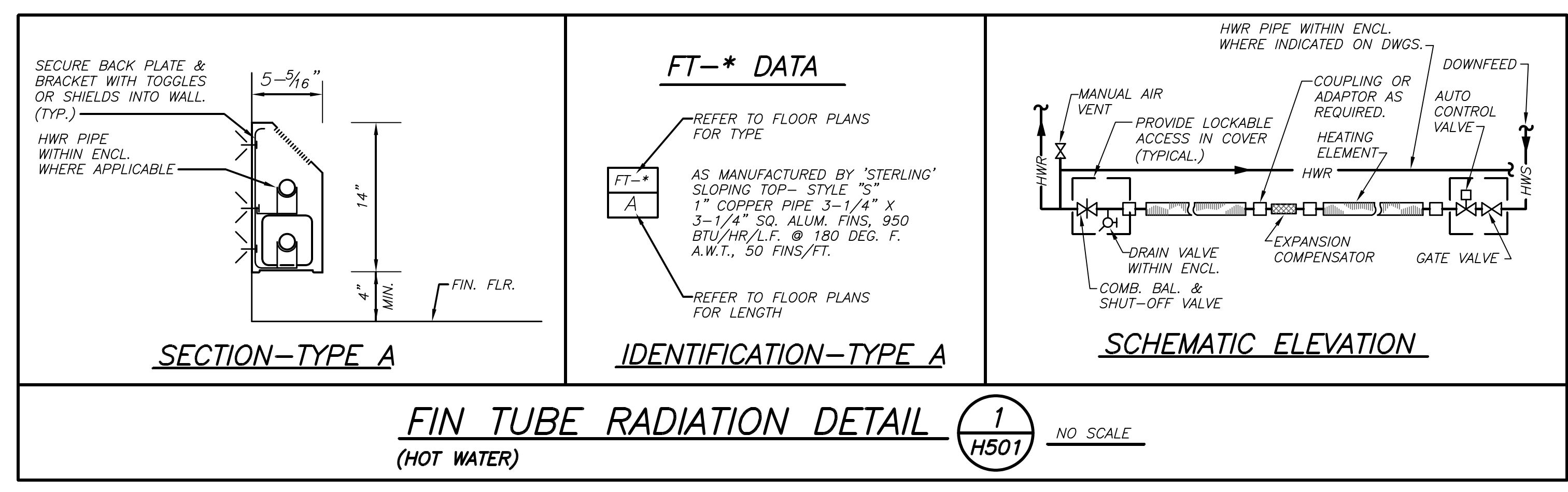
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1	09.01.2023	NYS&D SUBMISSION
No.	Date	Issue

Sheet Title

SCHEDULE

Job No. 2023-1017 Date 03/21/2024
Scale AS NOTED Drawn / Checked BGA/BGA
Sheet Number **H402**

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS



BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

DETAILS

Job No.	2023-1017	Date	03/21/2024
Scale	AS NOTED	Drawn / Checked	BGA/BGA
Sheet Number	H501		

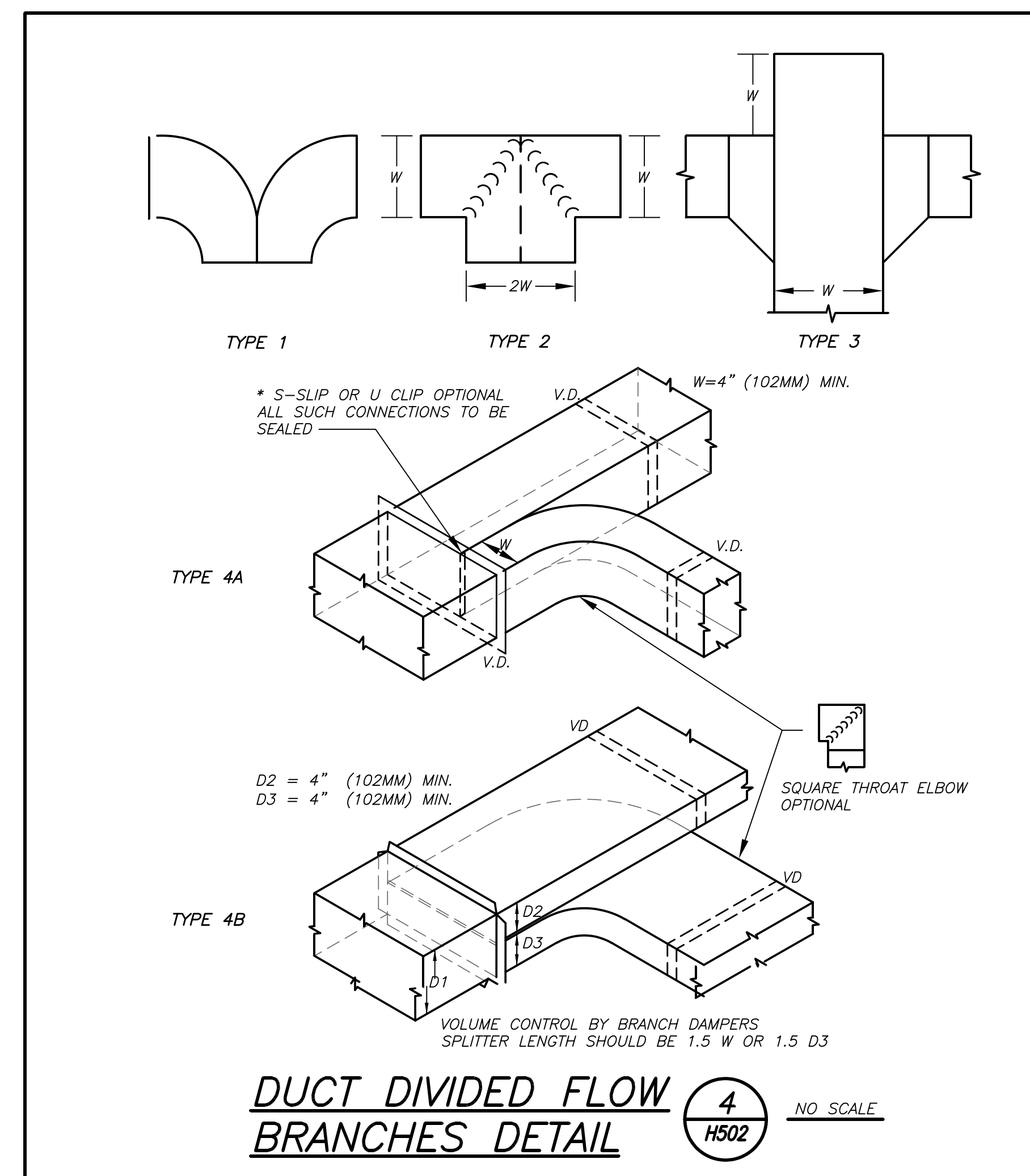
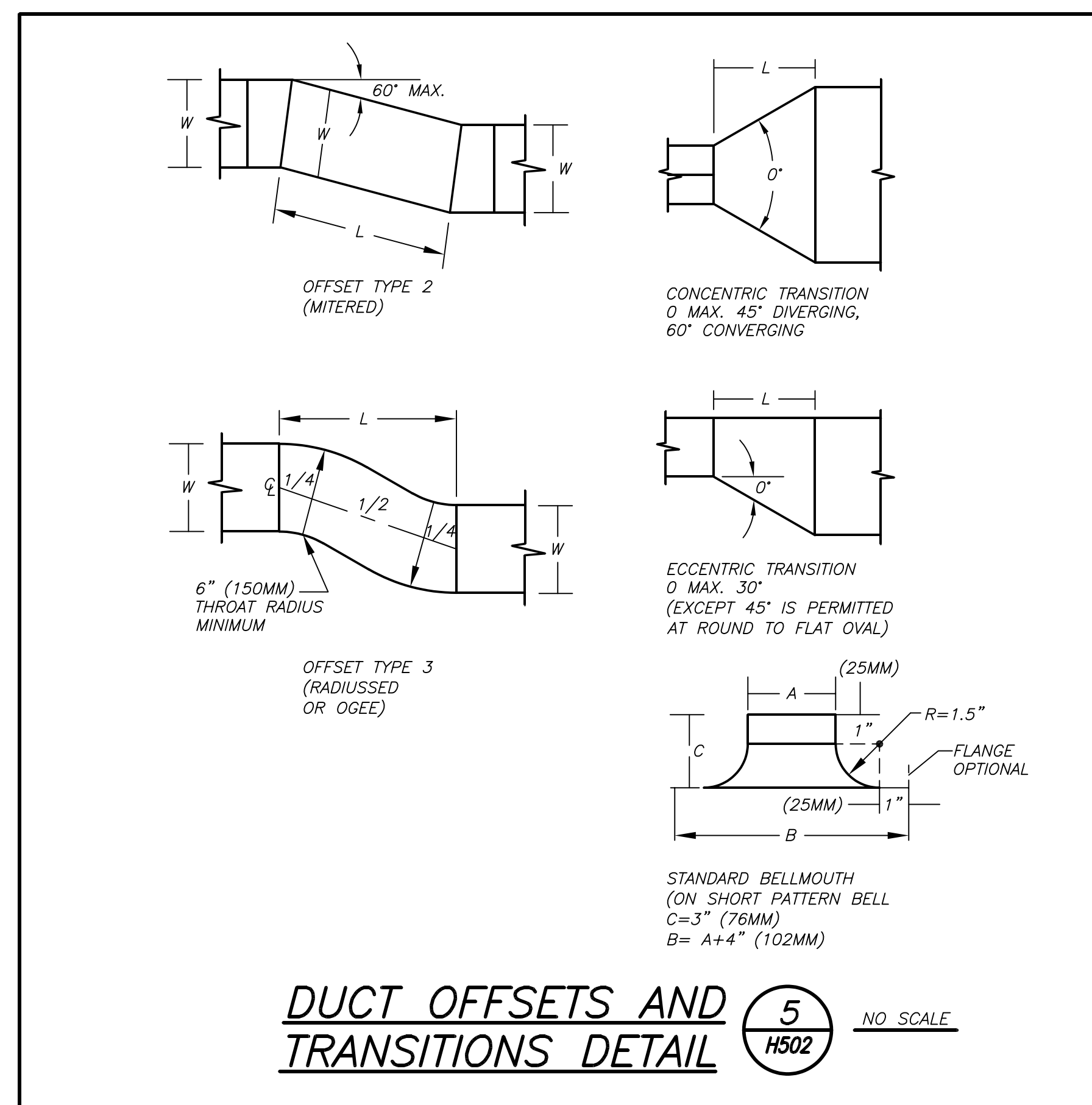
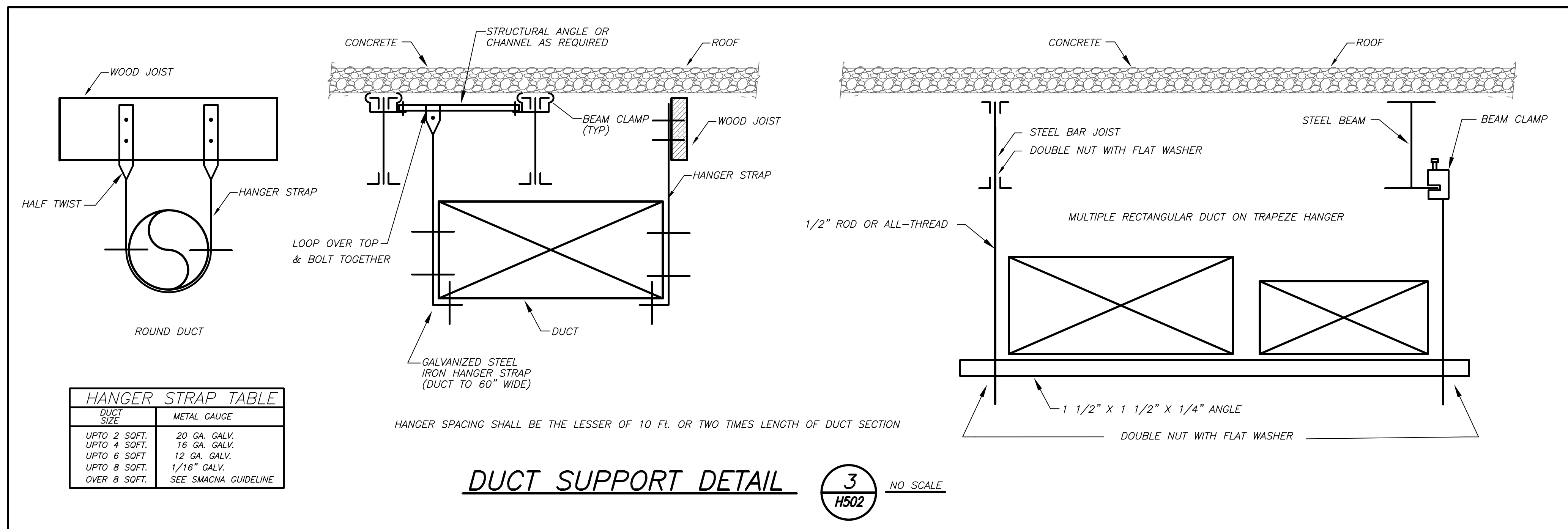
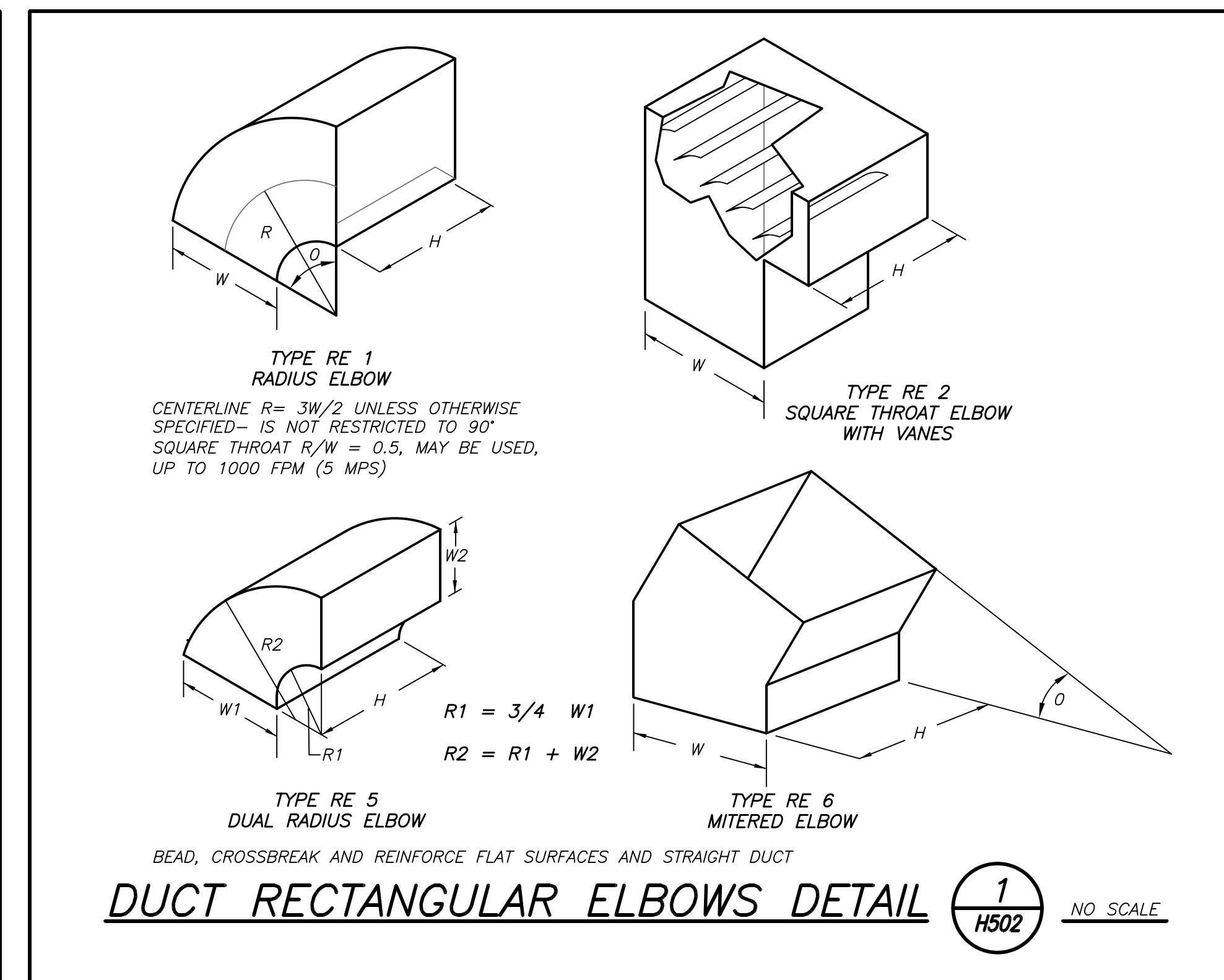
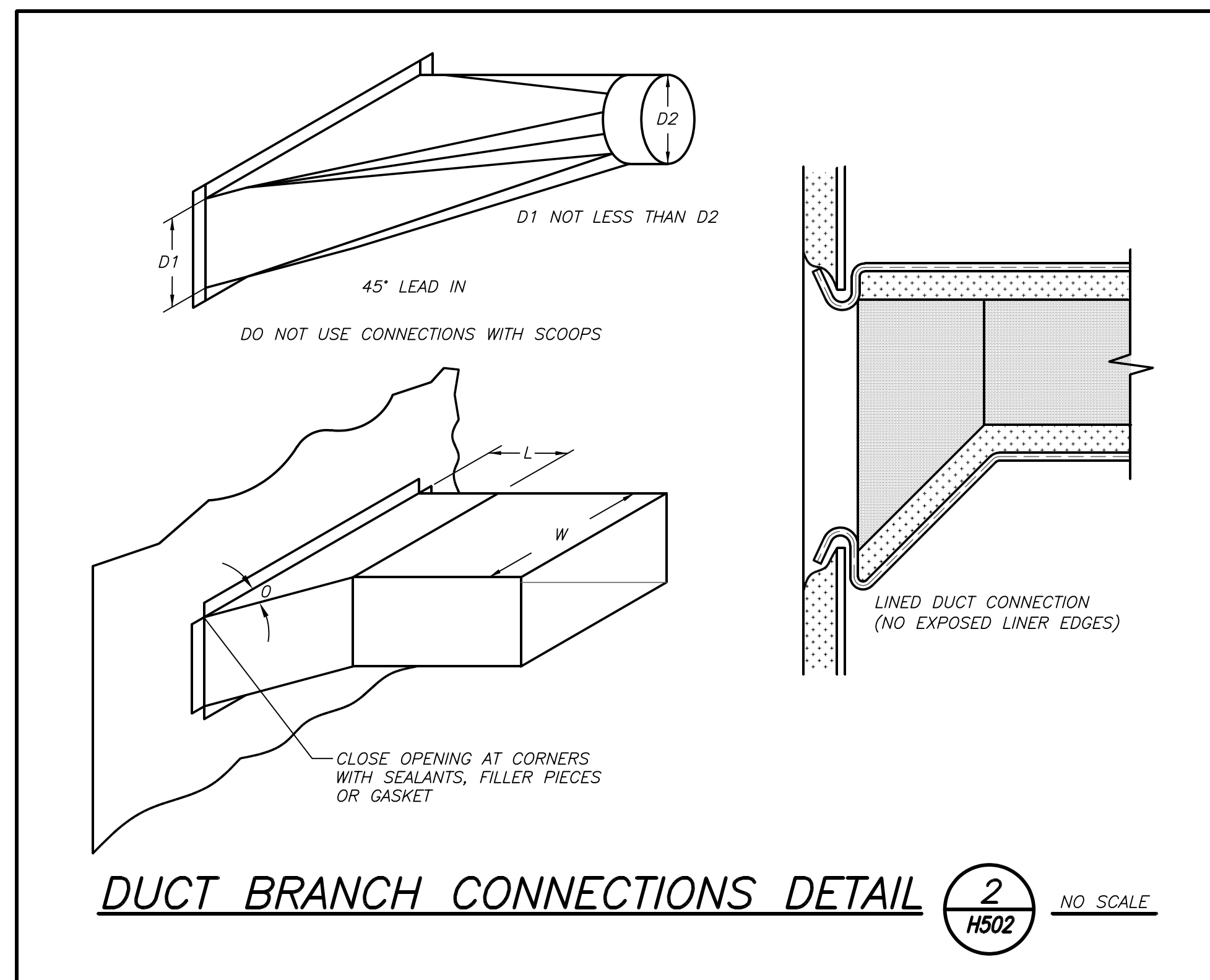
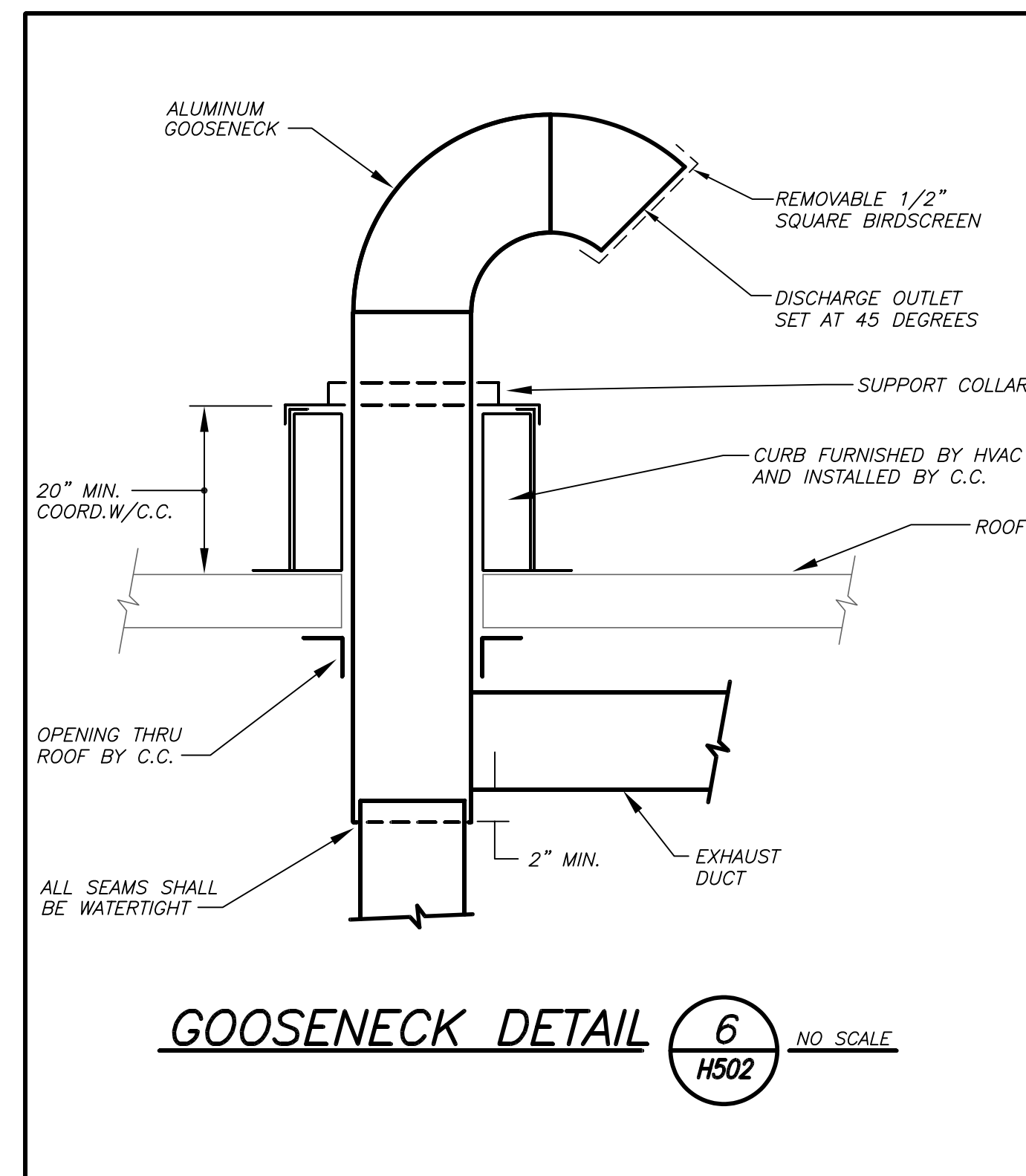
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Professional Seal

No.	Date	Issue
2	03.22.2024	ISSUED FOR BID
1	09.01.2023	NYS&D SUBMISSION



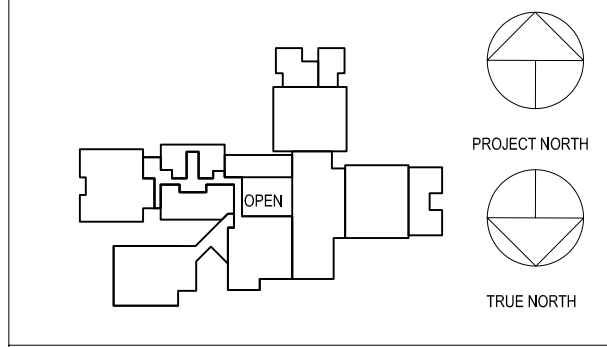
MEADOW POND ES ADDITIONS + ALTERATIONS
 KATONAH-LEWISBORO UFSD
 185 SMITH RIDGE RD,
 SOUTH SALEM, NY 10590

KG+D listen imagine build
 ARCHITECTS PC
 385 MAIN STREET MOUNT KISCO, NEW YORK, 10549
 P:914.666.5900 K:GDARCHITECTS.COM

NY SED PROJECT CONTROL NUMBER
 66-01-01-03-0-007-016

CONSTRUCTION DOCUMENTS - NYSED

bgga
 BARILE GALLAGHER & ASSOCIATES
 CONSULTING ENGINEERS
 39 MARBLE AVE. PLAZASANTVILL, NY 10570
 PHONE: 914.282.0000 FAX: 914.282.0004 Gmailed@BGGA-Eng.com



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No.	Date	Issue
2	03.22.2024	ISSUED FOR BID
1	09.01.2023	NYSED SUBMISSION

Professional Seal

DETAILS

Job No.	2023-1017	Date	03/21/2024
Scale	AS NOTED	Drawn / Checked	BGA/BGA
Sheet Number	H502		

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

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NY SED PROJECT CONTROL NUMBER
66-01-01-03-0-007-016

CONSTRUCTION DOCUMENTS -
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LEGEND

---	EXISTING PIPING, FIXTURES, ETC. TO REMAIN
---	NEW PIPING, FIXTURES, ETC.
---	COLD WATER PIPING
---	HOT WATER PIPING
---	HOT RETURN WATER PIPING
---	EUPD --- EXISTING PUMP DISCHARGE (UNDERGROUND)
---	PD --- PUMP DISCHARGE
---	PLUMBING VENT PIPING
---	ESAN --- EXISTING SANITARY PIPING
---	EUSAN --- EXISTING SANITARY PIPING (UNDERGROUND)
---	EST --- EXISTING STORM PIPING
---	EUST --- EXISTING STORM PIPING (UNDERGROUND)
---	SAN --- SANITARY PIPING
---	USAN --- SANITARY PIPING (UNDERGROUND)
---	ST --- STORM PIPING
---	UST --- STORM PIPING (UNDERGROUND)
---	G --- GAS PIPING
---	EG --- EXISTING GAS PIPING
---	FLOW DIRECTION WITHIN PIPE
---	CLEANOUT
---	CLEANOUT DECK PLATE
---	GATE VALVE
---	COMBINATION BALANCING & SHUT-OFF VALVE
---	OS & Y VALVE
---	CHECK VALVE
---	GAS SHUT OFF COCK
---	PIPE CONNS. (BOTTOM: TOP 45 OR 90; PIPE UP)
---	PLUMBING FIXTURE IDENTIFICATION
P.C.	PLUMBING CONTRACTOR
G.C.	GENERAL CONTRACTOR
HVAC	HVAC CONTRACTOR
VTR	VENT THRU ROOF
FAI	FRESH AIR INTAKE
FD	FLOOR DRAIN
PRV	PRESSURE REDUCING VALVE
---	POINT OF CONNECTION, NEW TO EXISTING
---	PART PLAN, DETAIL, SECTION NUMBER
---	DRAWING NUMBER
---	SECTION IDENTIFICATION

PLUMBING FIXTURE SCHEDULE

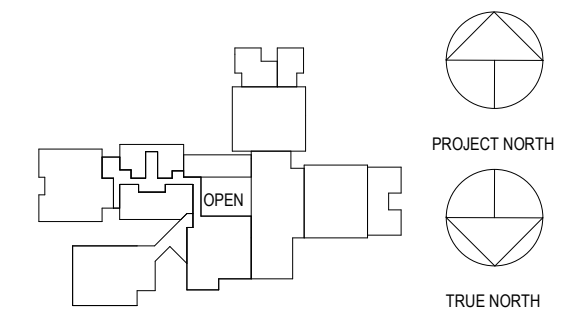
MARK	DESCRIPTION	W	BRANCH SIZE		
A1	FLOOR MOUNTED WATER CLOSET	4"	2"	-	1"
A2	WALL MOUNTED WATER CLOSET (HANDICAPPED)	4"	2"	-	1"
B1	WALL MOUNTED LAVATORY (HANDICAPPED)	2"	1-1/2"	3/4"	3/4"
B2	CLASSROOM SINK/FOUNTAIN	2"	1-1/2"	3/4"	3/4"
B3	REPLACE FAUCET ON EXIST SINK	2"	1-1/2"	3/4"	3/4"
C1	WATER COOLER WITH BOTTLE FILL	2"	1-1/2"	-	3/4"
R	EXISTING FIXTURE TO REMAIN	-	-	-	-
X	EXISTING FIXTURE TO BE REMOVED	-	-	-	-

REMOVAL NOTES

- REMOVE ALL PLUMBING FIXTURES, EQUIPMENT, SPECIALTIES, DRAINS, CONTROLS, HANGERS, BASES, SUPPORTS, PIPING, VALVES, TUBING AND PLUMBING ACCESSORIES THAT ARE NOT INCORPORATED IN THE NEW LAYOUT.
- WHERE REMOVAL IS INDICATED OR IMPLIED OR NOT INCORPORATED IN THE NEW LAYOUT, THE ITEM ITSELF IS TO BE REMOVED COMPLETELY TOGETHER WITH ALL CONNECTING PIPING, SPECIALTIES, SUPPORTS, CONTROLS, ETC. CONNECTING PIPING IS TO BE REMOVED BACK TO MANS WHERE THE ARE TO BE CAPPED OR DISCONNECTED. THIS INCLUDES ALL GAS, SANITARY, VENT, WATER, ACID WASTE AND PUMP DISCHARGE PIPING. REFER TO DIVISION 1 OF SPECIFICATION FOR CUTTING AND PATCHING REQUIREMENTS.
- WHERE EXISTING PIPING ENTERS INACCESSIBLE TRENCHES, TUNNELS, SHAFTS, WALLS AND CEILINGS INSIDE THE EXISTING BUILDING, IT SHALL BE CUT BACK AT LEAST 2" INTO SUCH INACCESSIBLE SPACES AND SHALL BE SUITABLY CAPPED AND SEALED BY THE CONTRACTOR.
- THE CONTRACTOR SHALL EXERCISE NORMAL CAUTION TO PREVENT UNNECESSARY CUTTING AND DAMAGE TO THE EXISTING BUILDING. ANY EXCESSIVE DAMAGE AS DETERMINED BY THE OWNER SHALL BE REPAIRED AND PAID FOR BY THE CONTRACTOR CAUSING THE DAMAGE.
- ALL DEMOLISHED EQUIPMENT ETC. EXCEPT THOSE ITEMS SPECIFICALLY REQUESTED BY THE OWNER SHALL BECOME THE CONTRACTORS PROPERTY. SHALL BE REMOVED FROM THE PREMISES, AND DISPOSED OF LEGALLY.

IN ALL AREAS WHERE CEILINGS ARE NOT BEING REPLACED, REMOVE TILES AND GRID AS REQUIRED TO PERFORM WORK AND REINSTALL FOR "AS NEW" CONDITION.

- SCOPE NOTES:
- REMOVE EXISTING FLOOR MOUNTED WATER CLOSET AND FLOOR FLANGE. PROVIDE NEW FLOOR MOUNTED TOILET & FLOOR FLANGE IN SAME LOCATION. MODIFY SLAB AS REQUIRED. ALTERNATE
 - REPLACE EXISTING WATER COOLER WITH BOTTLE FILLER TYPE IN SAME LOCATION & RECONNECT TO EXISTING PIPING OR PROVIDE NEW BOTTLE FILLER TYPE IN NEW LOCATION AND CONNECT TO EXISTING PIPING. ALTERNATE



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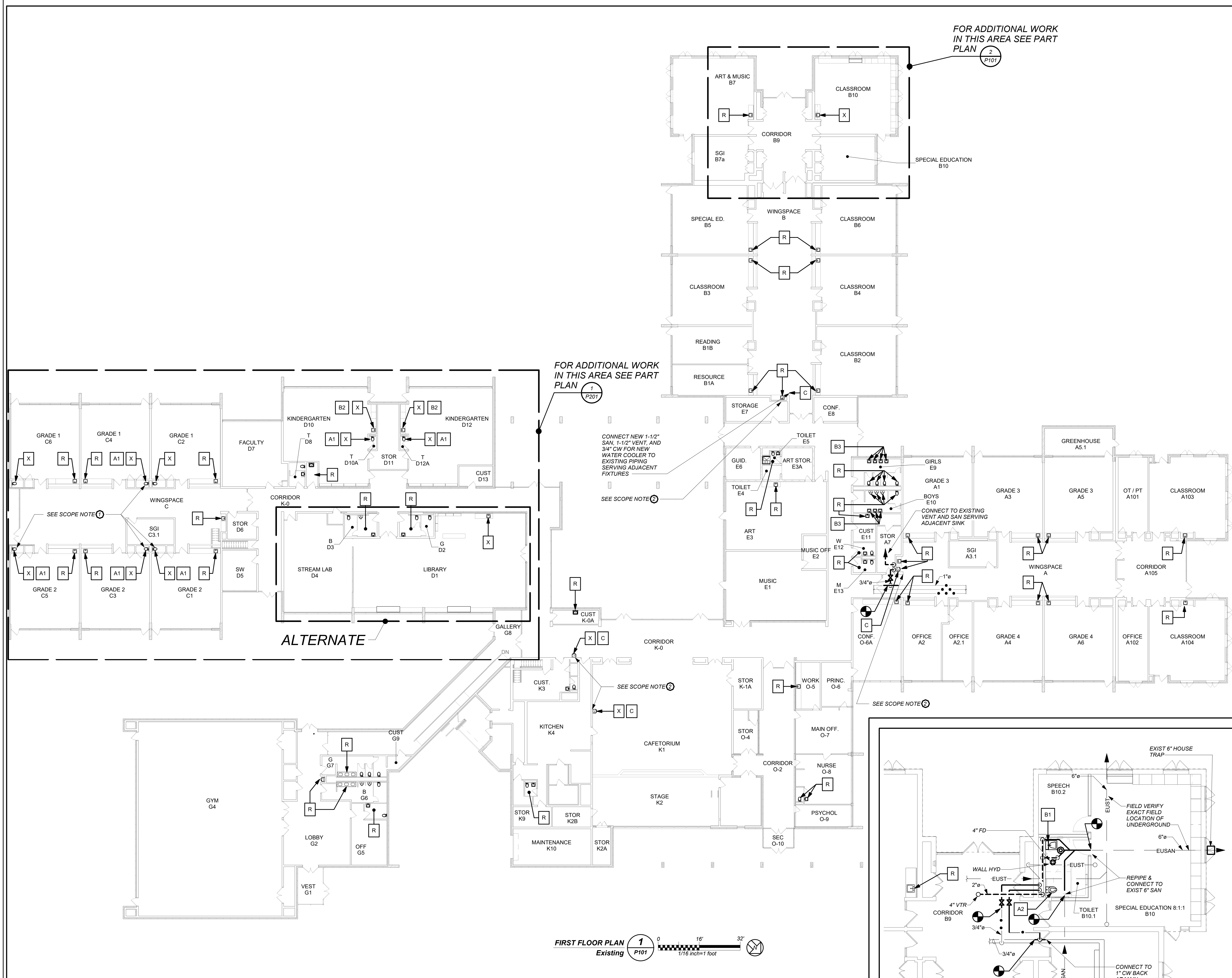
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Professional Seal

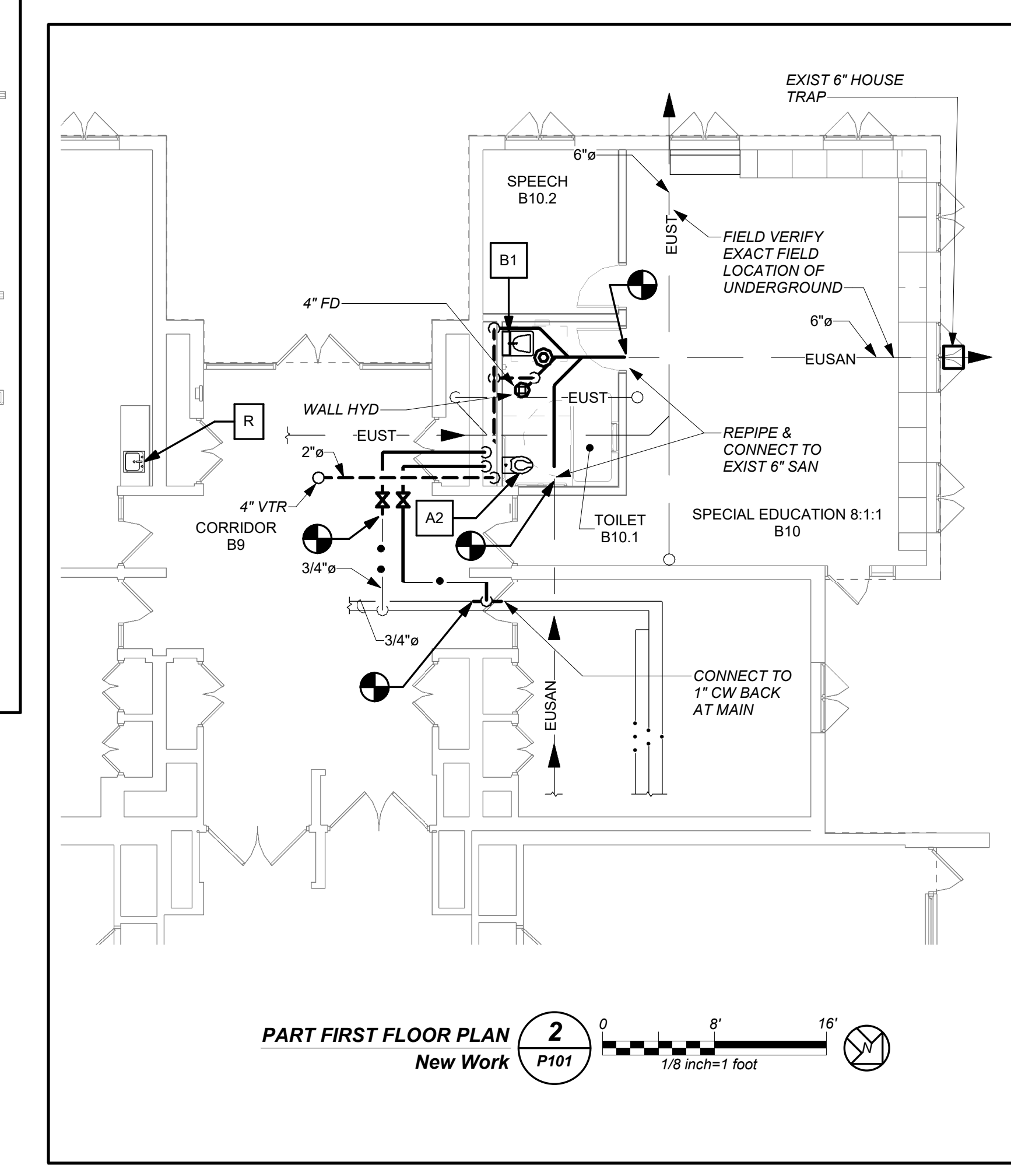
**LEGEND, NOTES, AND
FIRST FLOOR PLANS
(REMOVALS & NEW
WORK)**

Job No. 2023-1059 Date 03/21/2024
Scale AS NOTED Drawn / Checked BGA / BGA
Sheet Number

P101



FIRST FLOOR PLAN
Existing **1** P101
Scale: 1/16 inch=1 foot



PART FIRST FLOOR PLAN
New Work **2** P101
Scale: 1/8 inch=1 foot

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE THEIR WORK WITH THE WORK OF ALL OTHER CONTRACTORS.

**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

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18 SMITH RIDGE ROAD,
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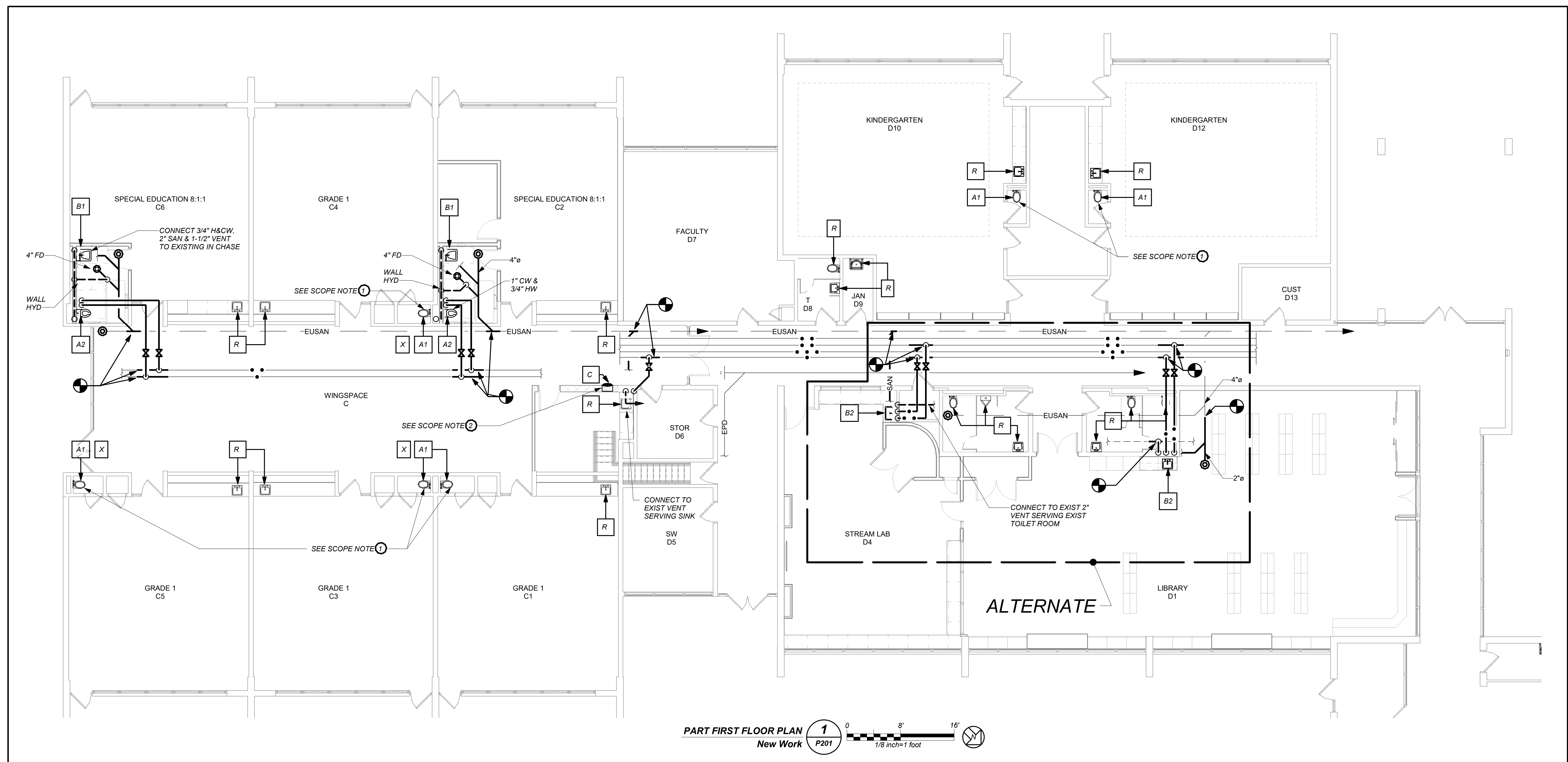
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NY SED PROJECT CONTROL NUMBER
66-01-01-03-0-007-016

CONSTRUCTION DOCUMENTS -
NYSED

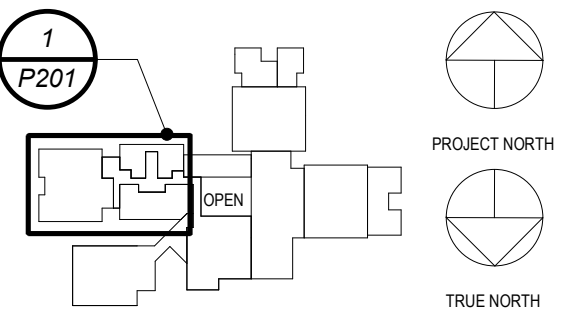


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PART FIRST FLOOR PLAN
New Work **1**
P201
Scale: 1/8" = 1'-0"

- SCOPE NOTES:**
- ① REMOVE EXISTING FLOOR MOUNTED WATER CLOSET AND FLOOR FLANGE. PROVIDE NEW FLOOR MOUNTED TOILET & FLOOR FLANGE IN SAME LOCATION. MODIFY SLAB AS REQUIRED. ALTERNATE
 - ② REPLACE EXISTING WATER COOLER WITH BOTTLE FILLER TYPE IN SAME LOCATION & RECONNECT TO EXISTING PIPING OR PROVIDE NEW BOTTLE FILLER TYPE IN NEW LOCATION AND CONNECT TO EXISTING PIPING. ALTERNATE



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2	03.22.2024	ISSUED FOR BID
1	09.01.2023	NYSED SUBMISSION
No.	Date	Issue

**PART FIRST FLOOR
PLAN (NEW WORK)**

Job No.	2023-1059	Date	03/21/2024
Scale	AS NOTED	Drawn / Checked	BGA / BGA

Sheet Number
P201

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE THEIR WORK WITH THE WORK OF ALL OTHER CONTRACTORS.

GENERAL NOTES

- DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF SYSTEMS AND WORK. CONTRACTOR SHALL FURNISH ALL NECESSARY OUTLETS, SUPPORTS, FITTINGS AND ACCESSORIES TO FULFILL APPLICABLE CODES, REGULATIONS, BUILDING STANDARDS AND THE BEST PRACTICES OF THE TRADE FOR FIRST CLASS ELECTRICAL INSTALLATION.
- THE DRAWINGS INDICATE SIZE AND GENERAL LOCATION OF WORK. SCALED DIMENSIONS SHALL NOT BE USED. THE EXACT LOCATION AND ELEVATION OF ALL ELECTRICAL EQUIPMENT SHALL BE COORDINATED IN FIELD WITH RESPECTIVE CONTRACTOR/OWNER.
- WHERE PANELBOARDS, SWITCHES, CIRCUIT BREAKERS, ETC. ARE EXISTING AND TO BE REUSED THE CONTRACTOR SHALL CLEAN AND REFURBISH THE EQUIPMENT. THIS SHALL INCLUDE TIGHTENING ALL CONNECTIONS, REPLACING DEFECTIVE MECHANISMS AND PROVIDING ALL REQUIRED AND NECESSARY MISCELLANEOUS COMPONENTS SO THAT THE EQUIPMENT SHALL BE IN PERFECT WORKING ORDER.
- THE CONTRACTOR SHALL COORDINATE WITH THE OWNER PRIOR TO SUBMISSION OF BID TO DETERMINE WHAT WORK MUST BE PERFORMED AFTER NORMAL BUSINESS HOURS, UNLESS OTHERWISE DIRECTED ANY NOISY WORK (CHOPPING, CORE DRILLING, HAMMERING, ETC.) AND BUILDING POWER INTERRUPTIONS SHALL BE PERFORMED OUTSIDE OF NORMAL BUSINESS HOURS. CONFIRM NORMAL BUSINESS HOURS WITH BUILDING OWNER. NO ADDITIONAL COST WILL BE CHARGED TO OWNER FOR WORK PERFORMED OUTSIDE NORMAL BUSINESS HOURS.
- ALL WORK WHERE SHOWN WITH DARK/SOLID LINES ON THE DRAWINGS IS NEW UNLESS OTHERWISE NOTED, OTHERWISE NOTED. WHERE SHOWN WITH DASHED LINES WITH LETTER (E) IS EXISTING TO REMAIN, WITH LETTER (R) IS EXISTING TO BE REMOVED, WITH LETTER (ER) IS EXISTING RELOCATED, WITH LETTER (RN) IS EXISTING TO BE REPLACED WITH NEW AND WITH LETTER (RR) IS EXISTING TO BE REMOVED AND RELOCATED.
- CIRCUIT NUMBERS TO EXISTING PANELS ARE SHOWN FOR INTENT ONLY. ACTUAL CIRCUIT NUMBERS TO BE USED SHALL BE AS PER FIELD CONDITIONS BY UTILIZING SPARE CIRCUITS, BREAKERS OR SPACES IN EXISTING PANEL. SIZE AS INDICATED ON THE PLANS. THE ELECTRICAL CONTRACTOR SHALL BALANCE LOAD OF CIRCUITS EVENLY ON ALL PHASES.
- FEEDERS AND BRANCH CIRCUITRY SHALL BE RUN IN MINIMUM 3/4" CONDUIT UNLESS OTHERWISE NOTED. FINAL CONNECTIONS TO MOTORS MAY BE MADE WITH FLEXIBLE METALLIC CONDUIT (NO LONGER THAN 18") IN UNFINISHED AREAS CONDUIT SHALL BE RUN EXPOSED AND IN FINISHED AREAS CONDUIT SHALL BE RUN CONCEALED.
- PROVIDE PANEL NAME PLATE MADE OF BLACK LAMINATED PLASTIC WITH WHITE ENGRAVED LETTERING AND TYPE WRITTEN DIRECTORY FOR ALL NEW AND EXISTING PANELS BEING USED FOR THIS PROJECT.
- ALL CONDUCTORS SHALL BE COPPER, TYPE THHN/THWN INSULATED. ALL CONDUCTORS SHALL HAVE 600 VOLT RATED INSULATION UNLESS OTHERWISE NOTED.
- PROVIDE LOCK ON CIRCUIT BREAKERS FOR CIRCUITS SERVING EXIT SIGN FIXTURES AND EMERGENCY BATTERY PACK FIXTURES.
- REFER TO ARCHITECT'S REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHTING FIXTURES AND OTHER CEILING INSTALLED ITEMS.
- THE USE OF FLEXIBLE CONDUIT FROM LIGHTING FIXTURES TO JUNCTION BOX IS PERMITTED ONLY WHEN A SEPARATE GROUND WIRE IS INSTALLED WITH THE CONDUCTORS INSIDE FLEXIBLE CONDUIT. THE GROUND WIRE MUST BOND THE FIXTURE HOUSING TO THE JUNCTION BOX. MAXIMUM LENGTH 6'-0".
- EXACT LOCATION AND MOUNTING HEIGHTS OF ALL DEVICES SHALL BE COORDINATED WITH THE ARCHITECT PRIOR TO THE INSTALLATION.
- WALL MOUNTED EQUIPMENT (SWITCHES, RECEPTACLES, ETC.) SHALL BE SURFACE MOUNTED IN UNFINISHED AREAS AND ON EXISTING CONCRETE BLOCK WALLS AND FLUSH MOUNTED IN NEW WALLS/PARTITIONS.
- CONDUIT RUNS SHALL BE PARALLEL WITH OR AT RIGHT ANGLES TO WALLS AND CEILINGS. CONDUIT SHALL BE SUPPORTED BY APPROVED MEANS. SUPPORTS FOR HORIZONTAL RUNS OF CONDUIT SHALL NOT EXCEED SEVEN FEET ON CENTERS.
- PROVIDE PULL BOXES, JUNCTION BOXES, CONDUIT ELBOWS AND OFFSETS TO SUIT FIELD CONDITIONS AND THE NATIONAL ELECTRICAL CODE.
- CONTRACTOR SHALL COORDINATE WITH THE FIRE DEPARTMENT AND F.A. VENDOR BEFORE PROCEEDING WITH WORK INVOLVING FIRE ALARM SYSTEM.
- ALL EMPTY CONDUIT SHALL BE PROVIDED WITH A DRAGWIRE.
- THE MINIMUM WIRE SIZE FOR 120 VOLT BRANCH CIRCUITS SHALL BE NO. 12 AWG, EXCEPT OVER 100' IN LENGTH SHALL BE NO. 10 AWG.
- PROVIDE ALL REQUIRED AND NECESSARY ACCESSORIES (EX. CONNECTORS, ADAPTERS, BUSHINGS, CLAMPS, ETC.) TO FACILITATE COMPLETE INSTALLATION.
- THE ELECTRICAL CONTRACTOR SHALL CONFIRM THE CONFIGURATION TYPE FOR ALL SPECIAL RECEPTACLES FOR COPIERS, DATA PROCESSING EQUIPMENT, ETC. WITH OWNER AND ENGINEER PRIOR TO ORDERING.
- COORDINATE LOCATION OF ALL MECHANICAL EQUIPMENT WITH HVAC CONTRACTOR IN FIELD. FUSES FOR ALL MOTOR LOADS SHALL BE DUAL ELEMENT TIME DELAY TYPE.
- ALL JUNCTION OR OUTLET BOXES SHALL BE INSTALLED SO AS TO ALLOW ACCESS TO COVER. PROVIDE ARCHITECT APPROVED ACCESS DOORS OR PLATES AS REQUIRED IN AREAS WHERE UNOBSTRUCTED ACCESS TO BOX OR OUTLET IS NOT POSSIBLE.
- PRIOR TO ORDERING LIGHTING FIXTURES, COORDINATE WITH ARCHITECTURAL DRAWINGS AND SPECIFICATIONS. IF DISCREPANCIES EXIST BETWEEN ARCHITECTURAL AND ENGINEERING INFORMATION OBTAIN CLARIFICATION PRIOR TO PROCEEDING.
- MULTIPLE SWITCHES SHOWN IN SAME LOCATION SHALL BE GANGED TOGETHER WITH A COMMON FACEPLATE.
- ALL LIGHTING FIXTURES UTILIZING ELECTRONIC BALLASTS SHALL BE PROVIDED WITH A DEDICATED NEUTRAL OR AN OVERSIZED NEUTRAL WHEN SHARED.
- ALL LIGHTING FIXTURES CONTROLLED BY DIMMER SWITCHES SHALL BE PROVIDED WITH A DEDICATED NEUTRAL CONDUCTOR.
- ALL EMERGENCY LIGHT FIXTURES DESIGNATED 'EM' SHALL BE SWITCHED UNLESS OTHERWISE NOTED.
- WIRING FOR CLOCK AND P.A. SYSTEMS SHALL BE IN ACCORDANCE WITH APPROVED MANUFACTURER'S REQUIREMENTS, WIRING INDICATED ON DRAWINGS IS FOR REFERENCE ONLY. WIRING FOR P.A. SYSTEM AND CLOCKS SHALL BE PLENUM RATED AND RUN EXPOSED ABOVE ACCESSIBLE CEILINGS. IT SHALL BE RUN IN EMT CONDUIT WHERE EXPOSED, EXCEPT FOR CORRIDORS, CLASSROOMS AND OFFICES IT SHALL BE RUN IN STEEL SURFACE RACEWAY (SIMILAR TO WIREMOLD V-800 AND/OR V-700).
- OPENINGS AROUND ELECTRICAL PENETRATIONS THROUGH FIRE RESISTANCE RATED WALLS. ALL SLEEVES MUST HAVE BUSHINGS. SEALANT SHALL BE 3 HOUR FIRE BARRIER MCP-25 (NO LESS THAN 3" THICK BACKED UP WITH MINERAL WOOL).
- ALL PANELBOARD COVERS SHALL BE INSTALLED IN PLACE AT THE COMPLETION OF EACH DAYS WORK.
- PREPARE 'AS-BUILT' DRAWINGS THAT REFLECT ACTUAL CONSTRUCTION AND SHOW DEVIATIONS FROM DESIGN DRAWINGS.
- LIGHT FIXTURES SHALL BE CONSTRUCTED TO SUIT PARTICULAR TYPE OF CEILING AND WALL CONSTRUCTION AND SHALL BE PROVIDED WITH APPROPRIATE TRIMS, MOUNTING FRAMES AND ADAPTERS AS REQUIRED.
- CONTRACTOR IS OBLIGATED TO INSTALL THE LIGHTING SYSTEM AND CONTROLS IN OBSERVANCE OF ALL APPLICABLE LOCAL AND NATIONAL CODES IN ACCORDANCE WITH APPROVED SUBMITTALS, INCLUDING ALL NOTES AND REVISIONS.
- LIGHTING CONTROL SYSTEM MANUFACTURER OR REPRESENTATIVE SHALL PROVIDE ORCHESTRATE PROJECT MANAGEMENT AND QUALIFIED STARTUP OR COMMISSIONING SERVICES TO MEET THE SPECIFICATION AND CONTROL INTENT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION, WIRING, PLACEMENT, AND ADJUSTMENT OF ALL SENSORS AS PER MANUFACTURER'S SPECIFICATIONS, ENGINEER'S DESIGN INTENT, AND APPROVED SUBMITTALS.

GENERAL REMOVAL NOTES

- BEFORE COMMENCING WORK, EXAMINE ALL ADJOINING AREAS THAT MAY BE AFFECTED BY REMOVAL. REPORT TO THE GENERAL CONTRACTOR ANY CONDITION THAT PREVENTS PERFORMANCE OF THE WORK.
- BECOME THOROUGHLY FAMILIAR WITH EXISTING CONDITIONS WHERE CONNECTIONS MUST BE MADE, CHANGED OR ALTERED. THE INTENT OF THE WORK IS SHOWN ON THE DRAWINGS AND DESCRIBED HEREINAFTER AND NO CONSIDERATION WILL BE GRANTED BY REASON OF LACK OF FAMILIARITY ON THE PART OF THE CONTRACTOR WITH ACTUAL PHYSICAL CONDITIONS AT THE SITE. INSPECT EACH AND EVERY AREA AFFECTED BY THE ALTERATION OF THE SPACE BEFORE SUBMITTAL OF BID.
- ALL ELECTRICAL EQUIPMENT IN THE AREA OF WORK IS EXISTING TO BE REMOVED UNLESS OTHERWISE NOTED. THIS SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING:
 - LIGHTING FIXTURES AND SWITCHES.
 - CIRCUIT BREAKERS AND DISCONNECT SWITCHES.
 - RECEPTACLES, OUTLETS AND DEVICES.
- ALL CONDUCTORS AND CONDUIT ASSOCIATED WITH REMOVED ELECTRICAL EQUIPMENT SHALL BE REMOVED COMPLETELY BACK TO ITS SOURCE OF POWER AND DISCONNECTED.
- ALL POWER CONDUCTORS, CONTROL WIRING AND CONDUIT ASSOCIATED WITH MECHANICAL EQUIPMENT SUCH AS FANS, AIR CONDITIONING UNITS, PUMPS, ETC. DESIGNATED FOR REMOVAL, ON THE HVAC AND PLUMBING REMOVAL DRAWINGS SHALL BE REMOVED CLEAR BACK TO THE SOURCE OF POWER AND DISCONNECTED. ALL MOTOR STARTERS, DISCONNECT SWITCHES, CONTROL DEVICES, ETC. SHALL BE REMOVED. REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- CIRCUIT BREAKERS AND/OR SWITCHES IN PANELBOARD(S) OR DISTRIBUTION BOARD(S) MADE SPARE DUE TO REMOVAL SHALL BE DESIGNATED AS SUCH ON THE PANEL SCHEDULE.
- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO TRACE AND RELOCATE ALL EXISTING FEEDERS AND BRANCH CIRCUIT WIRING WHICH PASSES THROUGH THE REMOVAL AREA THAT SERVE EXISTING OCCUPIED SPACES TO REMAIN. COORDINATE WITH BUILDING MANAGER PRIOR TO ANY SHUTDOWNS OR DISRUPTIONS THAT MAY BE REQUIRED TO ACCOMPLISH THIS PROJECT.
- DISPOSE OF ALL REMOVED EQUIPMENT, WHICH IS NOT INTENDED TO BE REUSED. PRIOR TO DISPOSAL, CONTACT BUILDING MANAGER TO DETERMINE IF ANY REMOVED EQUIPMENT IS DESIRED FOR STOCK.
- EXISTING CIRCUIT BREAKERS IN PANEL(S) ARE TO BE RE-USED. ELECTRICAL CONTRACTOR TO DISCONNECT PANEL AND CIRCUIT BREAKERS WITH GREAT CARE TO ENSURE AGAINST DAMAGE. THIS CONTRACTOR SHALL PROVIDE NEW CIRCUIT BREAKERS AS REQUIRED. ALL NEW CIRCUIT BREAKERS INSTALLED INTO EXISTING PANELBOARDS SHALL BE UL LISTED FOR USE IN THE PANEL.
- EXISTING EQUIPMENT DESIGNATED FOR REUSE SHALL BE CLEANED, REFURBISHED AND RESTORED TO OPTIMUM PERFORMANCE. THIS SHALL INCLUDE BUT NOT LIMITED TO CLEANING OF LIGHT FIXTURES, REPLACEMENT OF INOPERABLE BALLASTS AND LAMPS, RESISTANCE TESTING OF BRANCH CIRCUITRY AND FEEDERS, ETC.
- EXTEND EXISTING CIRCUITRY TO THOSE DEVICES THAT ARE TO BE RELOCATED. MATCH EXISTING TYPE AND SIZE. RELOCATION OF EXISTING EQUIPMENT SHALL BE PERFORMED ONLY UPON OWNERS ACCEPTANCE OF EXISTING EQUIPMENT.
- EXTEND EXISTING CIRCUITS SERVING EQUIPMENT TO REMAIN FROM PANELS THAT ARE TO BE REMOVED TO NEW PANELS OR EXISTING PANELS THAT ARE TO REMAIN.

DISPOSAL OF MERCURY CONTAINING LAMPS

- ALL FLUORESCENT AND HID LAMPS WITHIN REMOVED LIGHT FIXTURES ARE CONSIDERED MERCURY CONTAINING AND SHALL BE TREATED AS HAZARDOUS MATERIAL.
- FLUORESCENT AND HID LAMPS SHALL BE REMOVED FROM DEMOLISHED LIGHT FIXTURES AND DISPOSED OF AS PER NEW YORK STATE DEC REGULATIONS AND METHODS.
- LAMPS MUST BE BAGGED IN NON-LEACHING PLASTIC BAGS AND SEALED TO PREVENT LEAKING.
- EACH LAMP OR BAGGED CONTAINER IN WHICH THESE LAMPS ARE CONTAINED MUST BE LABELED OR MARKED CLEARLY WITH ONE OF THE FOLLOWING PHRASES: UNIVERSAL WASTE LAMPS, OR WASTE LAMPS, OR USED LAMPS.
- THESE MARKED BAGS MUST BE DELIVERED TO THE PROPER NEW YORK STATE D.E.C. AUTHORIZED LANDFILL OR RECYCLE CENTERS.

ABBREVIATIONS

ABBV.	DESCRIPTION
A	AMPIAMPERE
AC	AIR CONDITIONING UNIT
A.F.F.	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
AIC	AMP INTERRUPTING CURRENT
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
C	CONDUIT
C.B.	CIRCUIT BREAKER
CH	CABINET HEATER
CKT	CIRCUIT
CU	CONDENSING UNIT
EM	EMERGENCY
E.C.	ELECTRICAL CONTRACTOR
EF	EXHAUST FAN
F.A.C.P.	FIRE ALARM CONTROL PANEL
F.B.O	FURNISHED BY OTHERS
G.GRD	GROUND
GFI	GROUND FAULT INTERRUPTER
HVAC	HEATING, VENTILATING AND AIR-CONDITIONING UNIT
HWH	HOT WATER HEATER
kmfl	THOUSAND CIRCULAR MILLS
KVA	KILOVOLT AMPERE
KW	KILOWATT
LTG	LIGHTING
MCB	MAIN CIRCUIT BREAKER
MOP	MAIN DISTRIBUTION PANEL
MLO	MAIN LUGS ONLY
MTD	MOUNTED
NTS	NOT TO SCALE
P.A.	PUBLIC ADDRESS
PNL	PANEL
RECP	RECEPTACLE
TVSS	TRANSFER VOLTAGE SURGE SUPPRESSION SYSTEM
TYP.	TYPICAL
UH	UNIT HEATER
U.O.N	UNLESS OTHERWISE NOTED
UV	UNIT VENTILATOR
W	WATT
WP	WEATHERPROOF

LEGEND

	CEILING MOUNTED HEAT DETECTOR
	WALL MOUNTED FIRE ALARM STROBE LIGHT.
	FIRE ALARM CONTROL PANEL.
	FIRE ALARM ALPHANUMERIC ANNUNCIATOR PANEL.
	ELECTROMAGNETIC DOOR HOLDER, FURNISHED BY GENERAL CONTRACTOR VENDOR AND INSTALLED BY ELECTRICAL CONTRACTOR
	WIRELESS ACCESS POINT, BY OWNER
	INTERFACE MODULE CONSISTING OF CONTROL RELAY AND MONITOR MODULES. IN NEMA 1 ENCLOSURE. ALSO PROVIDE LOAD RELAY AS REQUIRED IF EXISTING DISCONNECT/STARTERS DO NOT HAVE A SET OF DRY CONTACTS TO TIE-IN FOR FAN SHUTDOWN.
	TAG SYMBOL, NUMERAL DENOTES REFERENCE TO A WORK NOTE.
	MECHANICAL EQUIPMENT IDENTIFICATION: — EQUIPMENT ABBREVIATION (FE, SF, HV, ETC. SEE ABBREVIATIONS ON THIS DWG.) — EQUIPMENT NUMBER
	DETAIL/PART PLAN NUMBER IDENTIFICATION: — DETAIL/PART PLAN NUMBER — DRAWING NUMBER

LEGEND

	2x4" LED LIGHT FIXTURE, UPPER CASE LETTER DENOTES TYPE, LOWER CASE LETTER DENOTES SWITCH CONTROL. FIXTURE SCHEDULE DENOTES TYPE.
	2x4" LED LIGHT FIXTURE FOR CONNECTED TO EMERGENCY SOURCE 'EM'. UPPER CASE LETTER DENOTES TYPE, LOWER CASE LETTER DENOTES SWITCH CONTROL. FIXTURE SCHEDULE DENOTES TYPE.
	CEILING WALL MOUNTED EXIT LIGHT WITH OUTLET BOX. DIRECTIONAL ARROWS SHADED PORTION INDICATES ILLUMINATED FACE. SCHEDULE DENOTES TYPE.
	FLUSH WALL MOUNTED LIGHTING CONTROL TOGGLE SWITCH.
	FLUSH WALL MOUNTED LIGHTING CONTROL SWITCH CONTROLLING OUTLET "N", "K" WHERE USED INDICATES KEY SWITCH, "3" INDICATES 3-WAY SWITCH, "4" INDICATES 4-WAY SWITCH.
	WALL RECESS MOUNTED DUAL TECHNOLOGY SENSOR SWITCH, SIMILAR TO LUTRON MODEL# MRF2S-8SSBWH, MANUAL ON, AUTO OFF.
	CEILING MOUNTED LOW VOLTAGE, DUAL TECHNOLOGY HALLWAY SENSOR, SIMILAR TO LUTRON MODEL# LRFX-OCR2B-F-WH, WORK WITH LOCAL SENSOR SWITCH (MRF2S-8SSBWH), INCLUDE REQUIRED POWER PACKS. PROGRAM TO MAXIMUM SENSITIVITY AND TIME DELAY TO 20 MIN.
	NETWORK DIGITAL CORNER MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR, SIMILAR TO LUTRON MODEL LRF2-OCR2B-WH, WORKS WITH POW PAK DIGITAL ROOM CONTROLLER. PROGRAM TO MAXIMUM SENSITIVITY AND TIME DELAY TO 20 MIN.
	NETWORK DIGITAL CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR, SIMILAR TO LUTRON MODEL LRF2-OCR2B-WH, WORKS WITH POW PAK DIGITAL ROOM CONTROLLER. PROGRAM TO MAXIMUM SENSITIVITY AND TIME DELAY TO 20 MIN.
	NETWORK DIGITAL DIMMABLE POW PAK ROOM CONTROLLER FOR LIGHTING CONTROL. SIMILAR TO LUTRON RMI3-87H-0V-B, ONE ROOM CONTROLLER REQUIRED PER ZONE.
	NETWORK DIGITAL FLUSH MOUNTED PRESET SINGLE ZONE DIMMABLE WALL STATION. SIMILAR TO LUTRON MODEL PUL-2BRL-GWH, WORKS WITH DIGITAL POW PAK ROOM CONTROLLER. INCLUDES BUTTON ENGRAVING AND PROGRAMMING PER ZONES: ON, RAISE, LOWER, OFF.
	NETWORK DIGITAL FLUSH MOUNTED PRESET SINGLE ZONE DIMMABLE WALL STATION. SIMILAR TO LUTRON MODEL PUL-2BRL-GWH, WORKS WITH DIGITAL POW PAK ROOM CONTROLLER. TOTAL OF 3 (ONE PER ZONE) INCLUDES BUTTON ENGRAVING AND PROGRAMMING PER ZONES: ON, RAISE, LOWER, OFF. SUPERSCRIPT '3' DENOTES 3 WAY SWITCH.
	NETWORK DIGITAL CEILING MOUNTED OPEN LOOP, MULTI ZONE PHOTO SENSOR. SIMILAR TO LUTRON R MODEL LRF2-DCRB-WH, WORKS WITH POW PAK ROOM CONTROLLER.
	CEILING/WALL MOUNTED JUNCTION BOX.
	HOMERUN TO DESIGNATED PANEL, ARROWHEAD INDICATES SINGLE POLE CIRCUIT, HOMERUN SHALL CONSIST OF 2#12-34" U.O.N.
	HOMERUN TO DESIGNATED PANEL, NUMBERS INDICATE MULTIPLE CIRCUIT, I.E. 3-HOTS AND 1-GROUND U.O.N.
	125V-2P-3W-20A GROUNDED TYPE, SPECIFICATION GRADE TAMPER RESISTANCE WALL MOUNTED DUPLEX RECEPTACLE SIMILAR TO HUBBELL #5362WTR
	SAME AS ABOVE EXCEPT DOUBLE DUPLEX RECEPTACLE
	125V-2P-3W-20A GROUNDED TYPE, SPECIFICATION GRADE TAMPER RESISTANCE USB PORT WALL MOUNTED DUPLEX RECEPTACLE SIMILAR TO HUBBELL #USB 20ASW
	20A FLUSH WALL MOUNTED GROUND FAULT INTERRUPTING TYPE DUPLEX RECEPTACLE HUBBELL #GF5362
	SMART BOARD WALL STATION, CONSISTS OF 4-GANG IN-WALL ENCLOSURE WITH NEW WORK STUD BRACKETS AND COVER CONTAINING CABLE EXIT (HUBBELL #NSAV124M, NSAV12C, NSAV6NW), (2) DUPLEX RECEPTACLES (HUBBELL #WSOPKTR), (1) HUBBELL I-STATIION MODULAR FACEPLATE WITH LABELS, (1) I-STATIION SINGLE PORT WITH KEYSTONE OPENING (HUBBELL #IM1K1XX) WITH RJ45 FEMALE BULKHEAD (HUBBELL #HXJ6XX) AND 2 BLANK
	FLUSH WALL MOUNTED DATA OUTLET CONSISTING OF COVER PLATE WITH 1" GROMMETTED OPENING AND 1" EMPTY CONDUIT WITH DRAG LINE STUBBED UP 6" ABOVE FINISHED CEILING.
	FLUSH WALL MOUNTED TELEPHONE OUTLET CONSISTING OF COVER PLATE WITH 1" GROMMETTED OPENING AND 1" EMPTY CONDUIT WITH DRAG LINE STUBBED UP 6" ABOVE FINISHED CEILING. OWNER WILL PROVIDE DATA CABLE AND HANDSET.
	FLUSH MOUNTED ELECTRICAL PANELBOARD.
	SURFACE MOUNTED NEW ELECTRICAL PANELBOARD.
	EC TO FURNISH AND INSTALL ANALOG CLOCK. PROVIDE (1) JUNCTION BOX AND 1" CONDUIT STUBBED UP 6" ABOVE FINISHED CEILING.
	EC TO FURNISH AND INSTALL CEILING MOUNTED SPEAKER SIMILAR TO ADVANCED NETWORK IPSWD-RWB PROVIDE (1) JUNCTION BOX AND 1-1/4" CONDUIT STUBBED UP 6" ABOVE FINISHED CEILING.
	EC TO FURNISH AND INSTALL WALL MOUNTED COMBINATION CLOCK AND SPEAKER SIMILAR TO ADVANCED NETWORK IPSCM-RME.
	HEAVY DUTY TYPE DISCONNECT SWITCH WITH FINAL FLEXIBLE EQUIPMENT CONNECTION. 240 INDICATES VOLTAGE, 3 INDICATES NO. OF POLES, 60 INDICATES AMPERE RATING, NF INDICATES NON-FUSED (OR FUSE SIZE) U.O.N. REFER TO SPECIFICATION AND DRAWINGS FOR ENCLOSURE. 'WP' WHERE USED INDICATES WEATHERPROOF ENCLOSURE (NEMA 3R).
	THERMAL SWITCH, CUTLER-HAMMER MS SERIES MANUAL STARTERS SINGLE-PHASE 20AMP, 120V U.O.N. WHERE INDICATED WITH 'WP' PROVIDE WATERTIGHT ENCLOSURE TYPE 3.
	208 VOLT, SINGLE PHASE 2 POLE, THERMAL OVERLOAD PROTECTED TOGGLE TYPE SWITCH, SIMILAR TO EATON #AH4361 + #AH27940G NEMA 1 ENCLOSURE.
	MOTOR (F.B.O. WIRED BY ELEC.) - NUMBER INDICATES HORSEPOWER. REFER TO PANEL SCHEDULES FOR WIRING AND OVER CURRENT PROTECTION.
	WALL MOUNTED COMBINATION FIRE ALARM HORN/STROBE DEVICE.
	WALL MOUNTED FIRE ALARM MANUAL PULL STATION
	FIRE/SMOKE MOTORIZED DAMPER PROVIDED BY OTHERS AND WIRED BY E.C. E.C. SHALL PROVIDE RELAYS AND DRY CONTACTS FOR FIRE ALARM MONITORING/INTERFACE/DAMPER CONTROL, PROVIDE ALL WIRING AS REQUIRED.
	CEILING MOUNTED IONIZATION TYPE SMOKE DETECTOR
	DUCT MOUNTED PHOTOELECTRIC TYPE SMOKE DETECTOR WITH REMOTE MOUNTED L.E.D. AND TEST BUTTON. MOUNT L.E.D. & TEST BUTTON UNDER SINGLE COVER PLATE ON CEILING. (TYP. U.O.N.) PROVIDE (REMOTE) CONTROL RELAY MODULE FOR FAN SHUT DOWN. RELAY MODULE TO BE MOUNTED ADJACENT TO MECHANICAL EQUIPMENT. ALSO PROVIDE LOAD RELAY AS REQUIRED IF EXISTING DISCONNECT/STARTER DO NOT HAVE A SET OF DRY CONTACTS TO TIE-IN FOR FAN SHUTDOWN.

MEADOW POND ES ADDITIONS + ALTERATIONS

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NY SED PROJECT CONTROL NUMBER

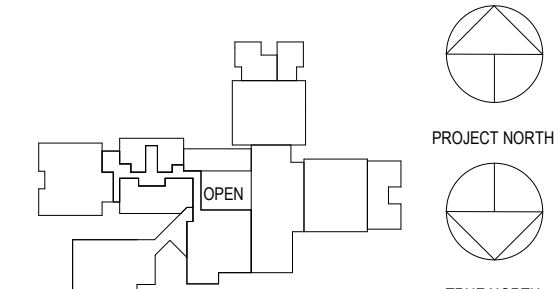
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No. Date Issue

Sheet Title

LEGEND, ABBREVIATIONS & NOTES

Job No. 2023-1059 Date 03/21/2024

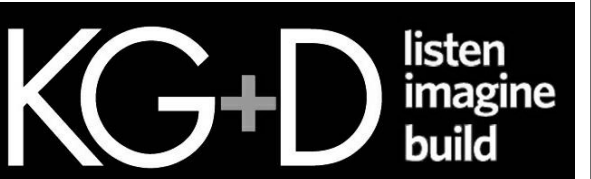
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E001

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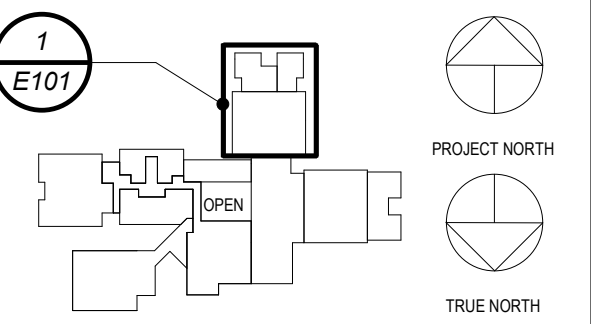
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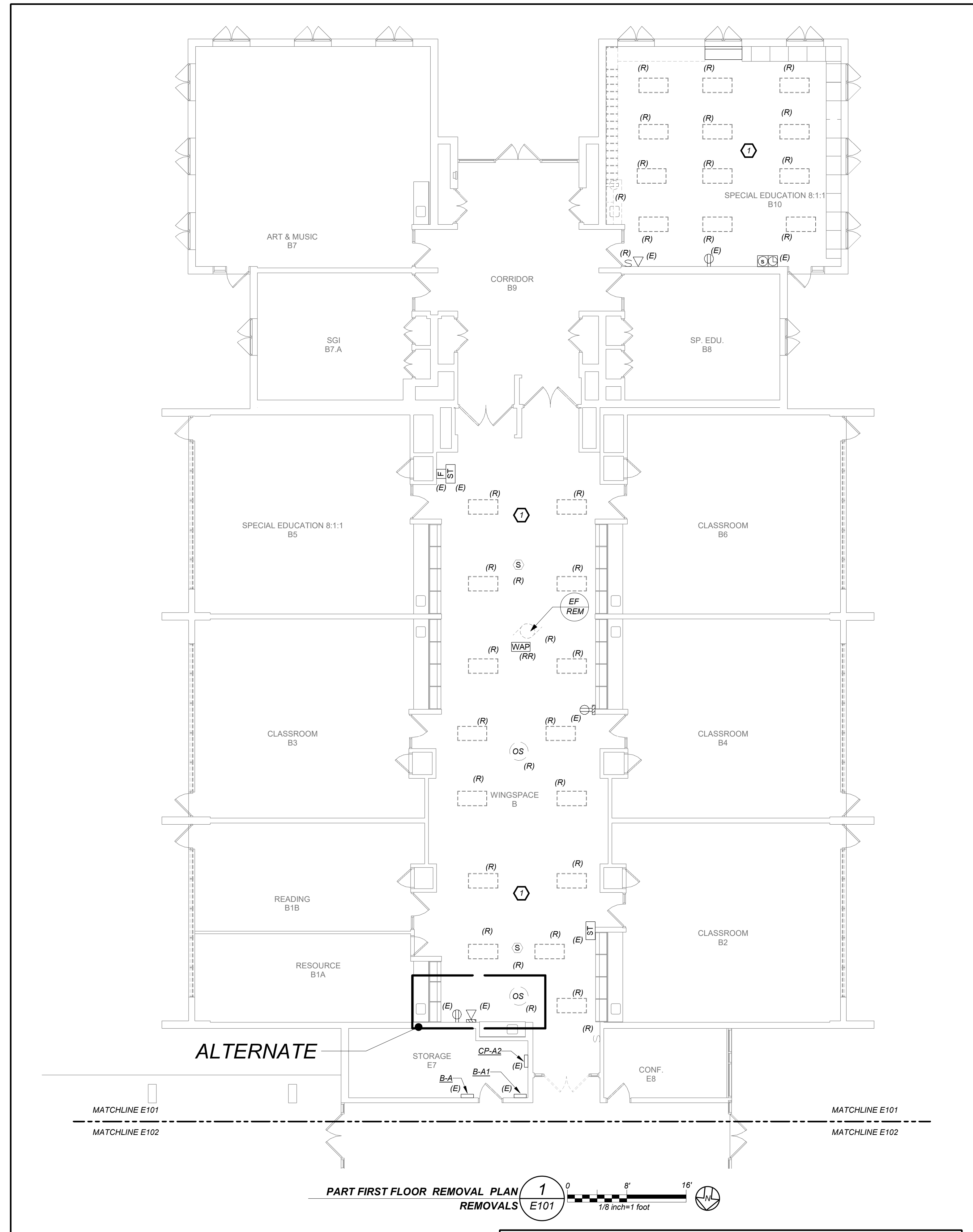
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REMOVAL PLAN**

Job No. 2023-1059 Date 03/21/2024

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Sheet Number

E101



REMOVAL NOTES:
 (1) IN THE AREA OF WORK, REMOVE ALL EXISTING LIGHT FIXTURES, CONTROLS AND ASSOCIATED BRANCH WIRING TO THE FIRST JUNCTION BOX. KEEP ALL REMAINING WIRING AS IS FOR ALL EXISTING RECEPTACLES AND FIRE ALARM DEVICES TO REMAIN UNLESS OTHERWISE NOTED.

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE THEIR WORK WITH THE WORK OF ALL OTHER CONTRACTORS.

**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

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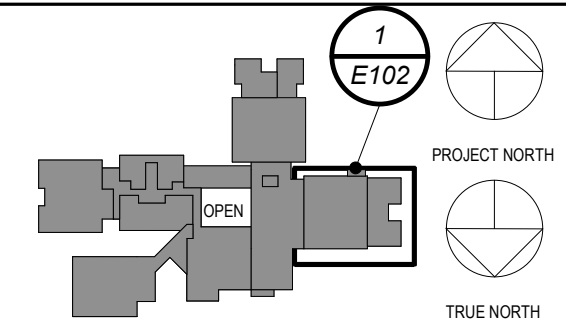
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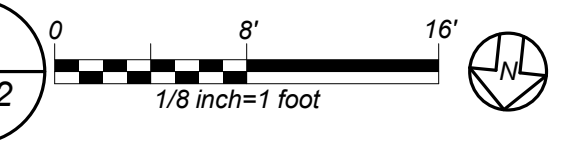
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PART FIRST FLOOR REMOVAL PLAN
REMOVALS **1** E102



REMOVAL NOTES:

1 IN THE AREA OF WORK, REMOVE ALL EXISTING LIGHT FIXTURES, CONTROLS AND ASSOCIATED BRANCH WIRING TO THE FIRST JUNCTION BOX. KEEP ALL REMAINING WIRING AS IS FOR ALL EXISTING RECEPTACLES AND FIRE ALARM DEVICES TO REMAIN UNLESS OTHERWISE NOTED.

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE THEIR WORK WITH THE WORK OF ALL OTHER CONTRACTORS.

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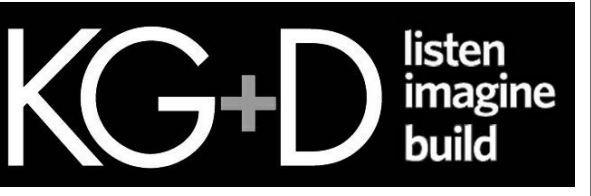
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REMOVAL PLAN**

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E102

**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

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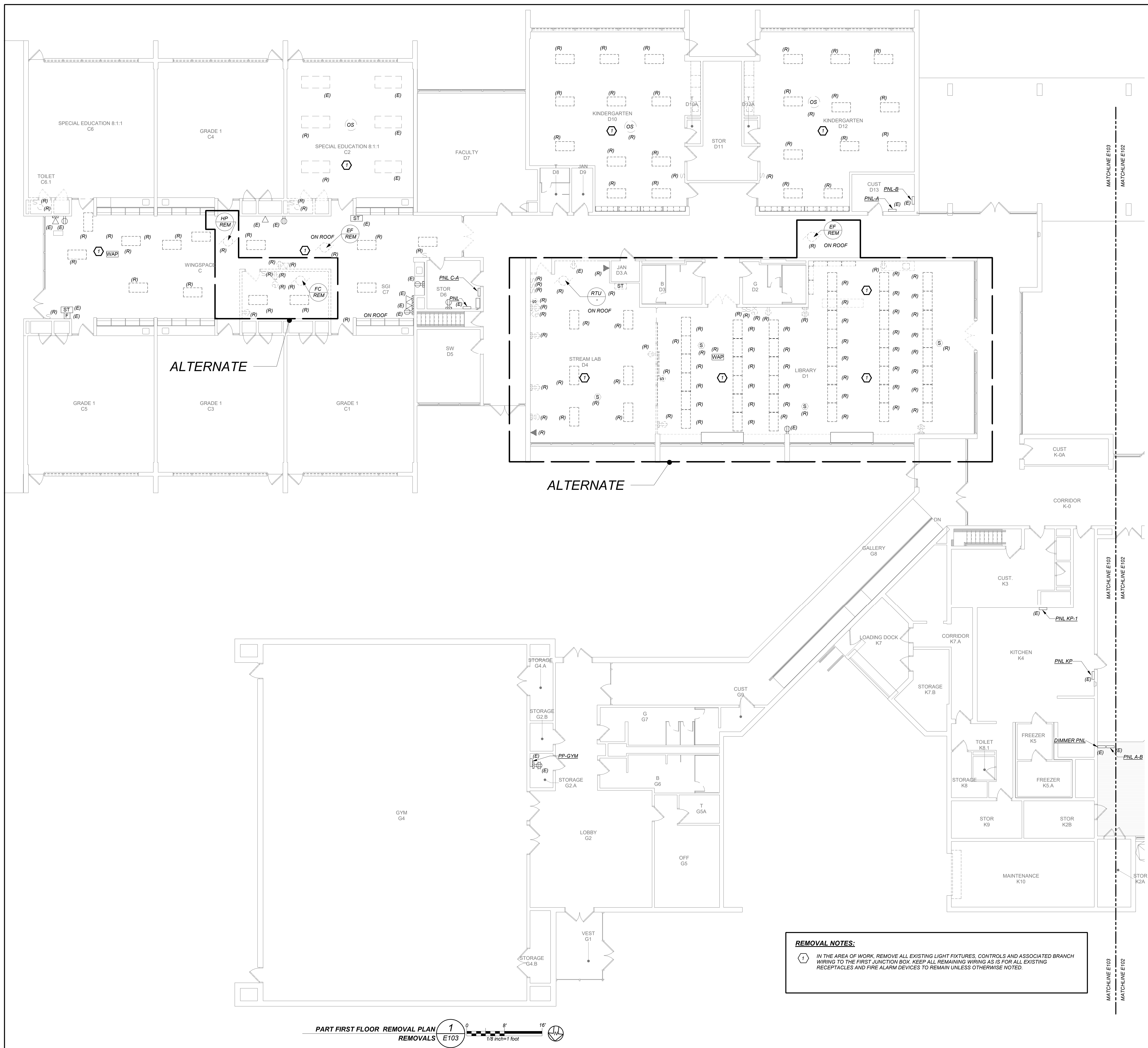
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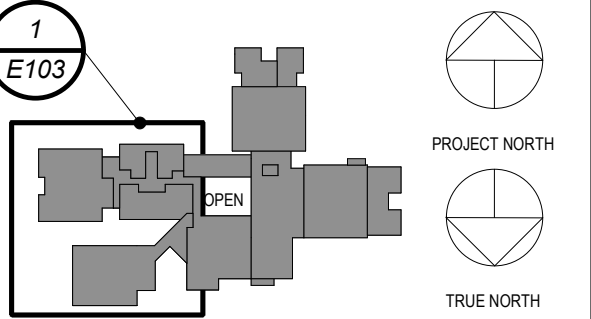
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REMOVAL NOTES:
① IN THE AREA OF WORK, REMOVE ALL EXISTING LIGHT FIXTURES, CONTROLS AND ASSOCIATED BRANCH WIRING TO THE FIRST JUNCTION BOX. KEEP ALL REMAINING WIRING AS IS FOR ALL EXISTING RECEPTACLES AND FIRE ALARM DEVICES TO REMAIN UNLESS OTHERWISE NOTED.

PART FIRST FLOOR REMOVAL PLAN
REMOVALS **1**
E103
1/8" = 1' - 0"



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**PART FIRST FLOOR
REMOVAL PLAN**

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Sheet Number
E103

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE THEIR WORK WITH THE WORK OF ALL OTHER CONTRACTORS.

**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

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GENERAL NOTES:

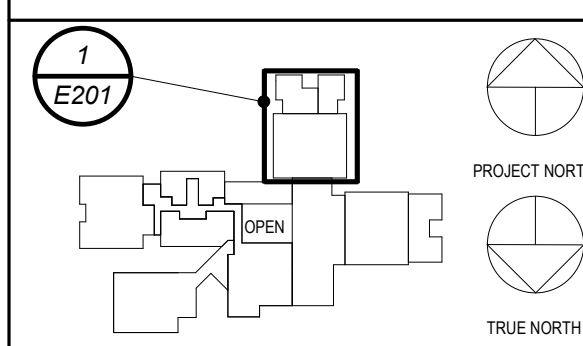
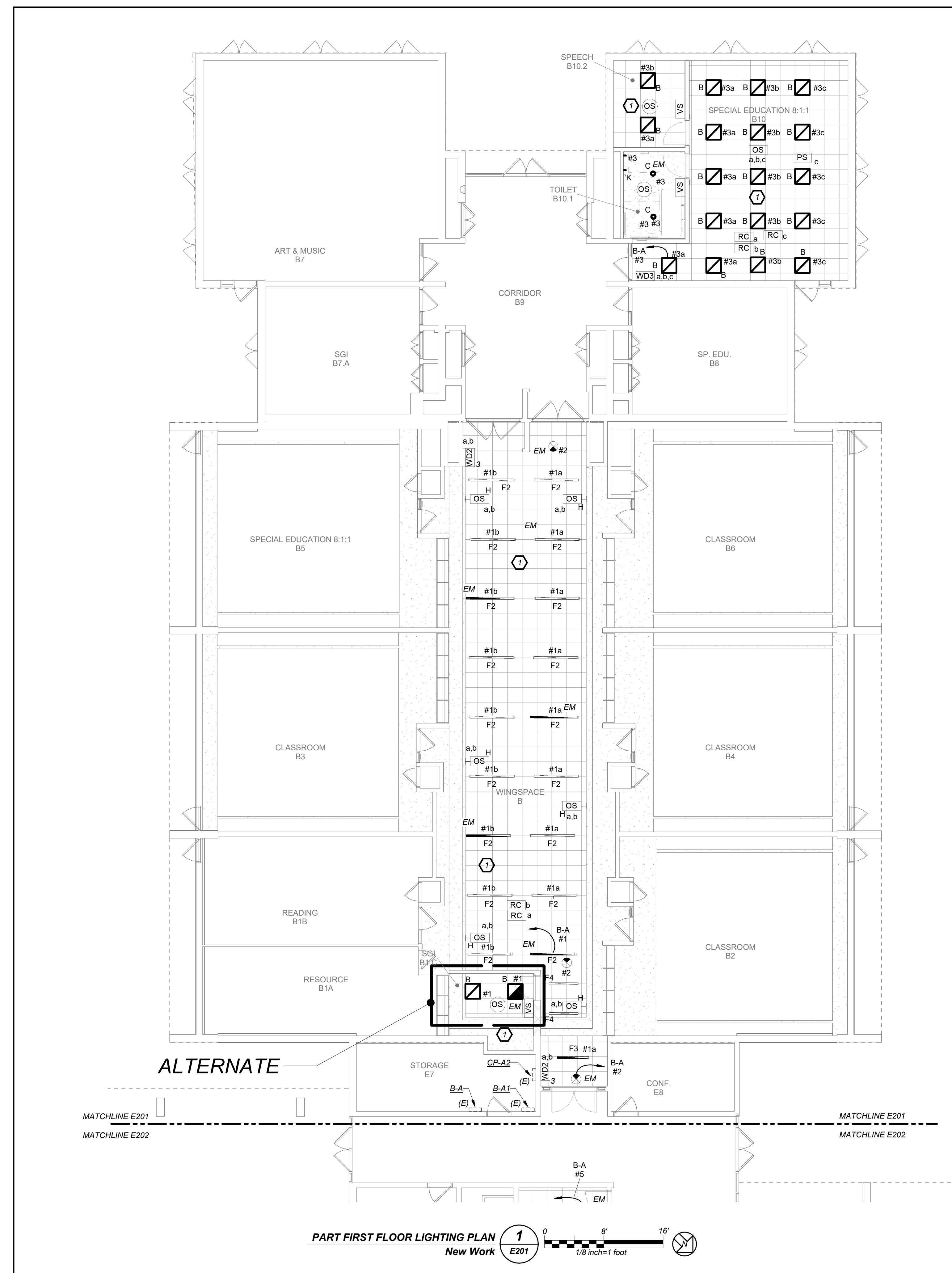
- REFER TO ELECTRICAL POWER RISER ON DRAWING E601 FOR LIGHTING FIXTURE SCHEDULE. REFER TO E001 FOR LIGHTING CONTROL ON LEGEND FOR DETAIL.
- REFER TO DRAWINGS E600 SERIES FOR PANELBOARD SCHEDULES
- REFER TO DRAWINGS E701 SERIES FOR LIGHTING CONTROL DETAILS.
- NORMAL SIDE SENSING LINE ON ALL EMERGENCY LIGHTING SHALL BE CIRCUITED TO THE NORMAL LIGHTING CIRCUIT IN THE ROOM/AREA IT SERVES.
- FOR ALL AREAS CONTROLLED BY ROOM CONTROLLER "RC" ELECTRICAL CONTRACTOR IS TO CIRCUIT ROOM CONTROLLER, THEN EXTEND LINE VOLTAGE CIRCUITRY TO EACH OF THE LIGHT FIXTURES DEFENDING ON CONTROL ZONES. REFER TO ROOM CONTROLLER WIRING DIAGRAM DETAILS ON DRAWING E701
- ALL EXIT LIGHTS SHALL BE CIRCUITED TO LIGHTING CIRCUIT IN THE AREA, AHEAD OF ANY SWITCHING.

WORK NOTES:

- EC SHALL UTILIZE EXISTING CIRCUITS IN THE AREA AVAILABLE AFTER DEMO WORK. CIRCUIT NUMBERS ARE FOR REFERENCE ONLY. PROVIDE 2#12-#12G - 3/4" TO THE INDICATED PANELBOARD.

LIGHTING CONTROLS AND SEQUENCE OF OPERATION:

- CLASSROOM, LIBRARY AND STREAM LAB ARE CONTROLLED VIA MANUAL ON/AUTO-OFF DIMMABLE WALL SWITCH AND OCCUPANCY SENSORS. EACH SWITCH CONSISTS OF FULL DIMMING CAPABILITY OF THREE ZONES. WALL SWITCHES CONSISTS OF 'A', 'B', 'C', 'OFF', 'RAISE', AND 'LOWER' BUTTONS. THE OCCUPANCY SENSORS SHALL HAVE THE AUTO OFF FEATURE WHICH SHALL TURN ALL LIGHTS OFF AFTER 20 MINUTES WHEN THE ROOM IS VACANT. IN BUILT BATTERY PACK IN THE LIGHT FIXTURE ARE INCLUDED TO OVERRIDE SWITCH AND FORCE EMERGENCY LIGHTS ON IN THE EVENT OF LOST OF POWER.
- SMALL GROUP ROOM, AND WING SPACES ARE CONTROLLED VIA MANUAL ON/AUTO-OFF DIMMABLE WALL SWITCHES AND OCCUPANCY SENSORS. EACH SWITCH CONSISTS OF FULL DIMMING CAPABILITY OF TWO ZONES. WALL SWITCHES CONSISTS OF 'A', 'B', 'OFF', 'RAISE', AND 'LOWER' BUTTONS. THE OCCUPANCY SENSORS SHALL HAVE THE AUTO OFF FEATURE WHICH SHALL TURN ALL LIGHTS OFF AFTER 20 MINUTES WHEN THE ROOM IS VACANT. IN BUILT BATTERY PACK IN THE LIGHT FIXTURE ARE INCLUDED TO OVERRIDE SWITCH AND FORCE EMERGENCY LIGHTS ON IN THE EVENT OF LOST OF POWER.
- SINGLE BATHROOMS SHALL BE CONTROLLED VIA MANUAL ON, AUTO OFF SWITCH WITH CEILING MOUNTED OCCUPANCY SENSOR. THE AUTO OFF FEATURE SHALL TURN ALL LIGHTS OFF AFTER 20 MINUTES WHEN THE BATHROOM IS VACANT. IN BUILT BATTERY PACK IN THE LIGHT FIXTURE ARE INCLUDED TO OVERRIDE SWITCH AND FORCE EMERGENCY LIGHTS ON IN THE EVENT OF LOST OF POWER.



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**PART FIRST FLOOR
LIGHTING PLAN**

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Sheet Number
E201

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**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

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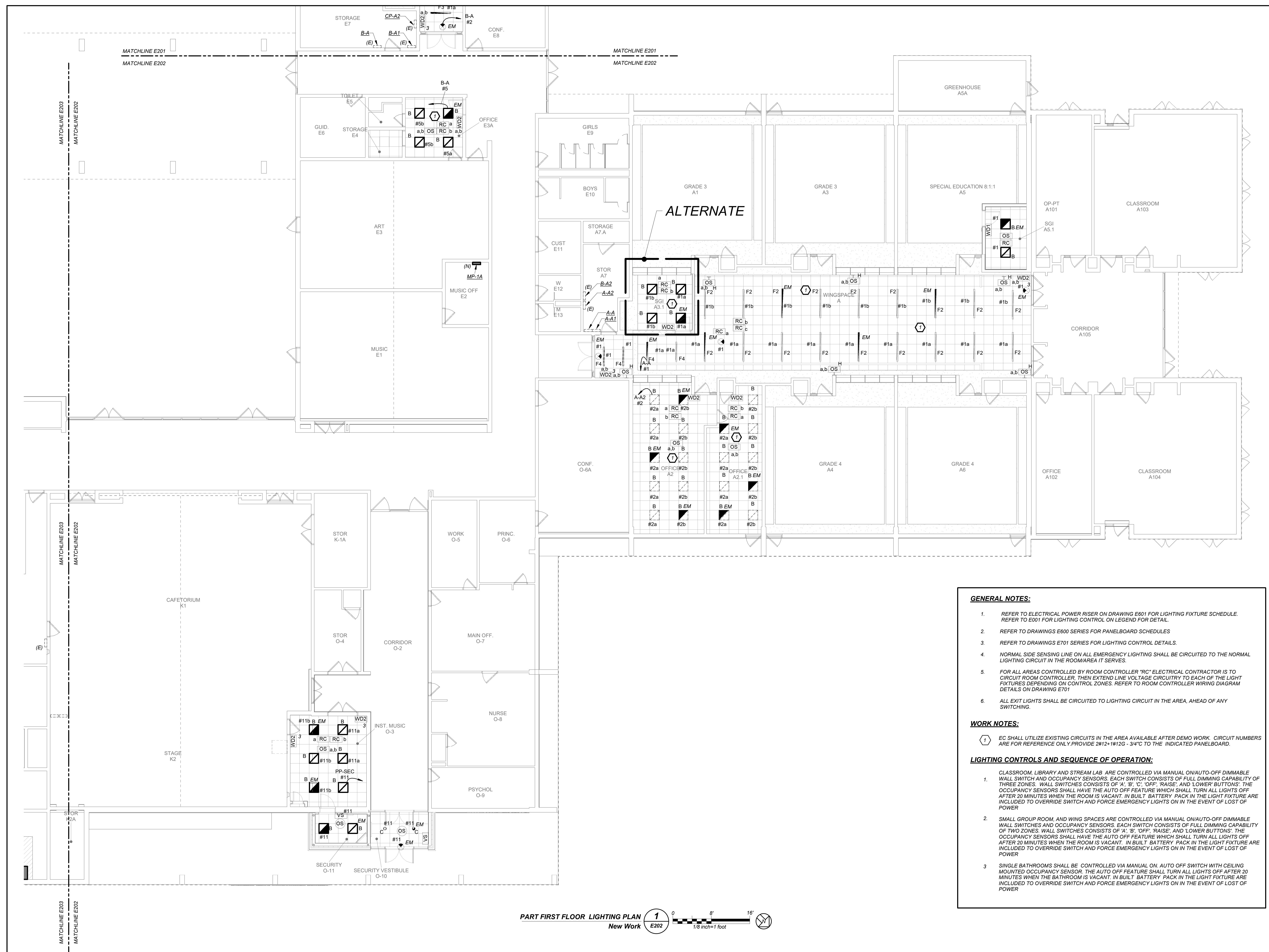
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NY SED PROJECT CONTROL NUMBER
66-01-01-03-0-007-016

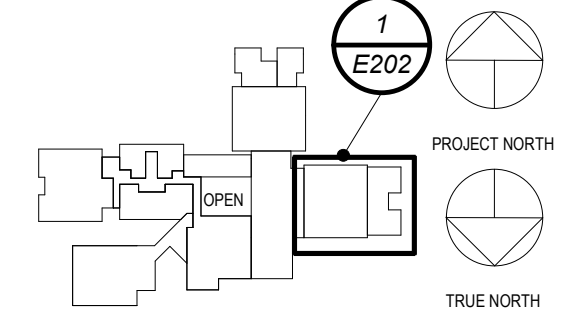
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PHONE: 914.328.6600 FAX: 914.328.9304 General@BGA1.com



- GENERAL NOTES:**
- REFER TO ELECTRICAL POWER RISER ON DRAWING E601 FOR LIGHTING FIXTURE SCHEDULE. REFER TO E601 FOR LIGHTING CONTROL ON LEGEND FOR DETAIL.
 - REFER TO DRAWINGS E600 SERIES FOR PANELBOARD SCHEDULES
 - REFER TO DRAWINGS E701 SERIES FOR LIGHTING CONTROL DETAILS.
 - NORMAL SIDE SENSING LINE ON ALL EMERGENCY LIGHTING SHALL BE CIRCUITED TO THE NORMAL LIGHTING CIRCUIT IN THE ROOM/AREA IT SERVES.
 - FOR ALL AREAS CONTROLLED BY ROOM CONTROLLER "RC" ELECTRICAL CONTRACTOR IS TO CIRCUIT ROOM CONTROLLER, THEN EXTEND LINE VOLTAGE CIRCUITRY TO EACH OF THE LIGHT FIXTURES DEPENDING ON CONTROL ZONES. REFER TO ROOM CONTROLLER WIRING DIAGRAM DETAILS ON DRAWING E701
 - ALL EXIT LIGHTS SHALL BE CIRCUITED TO LIGHTING CIRCUIT IN THE AREA, AHEAD OF ANY SWITCHING.
- WORK NOTES:**
- EC SHALL UTILIZE EXISTING CIRCUITS IN THE AREA AVAILABLE AFTER DEMO WORK. CIRCUIT NUMBERS ARE FOR REFERENCE ONLY. PROVIDE 2#12-1#12G - 34°C TO THE INDICATED PANELBOARD.
- LIGHTING CONTROLS AND SEQUENCE OF OPERATION:**
- CLASSROOM, LIBRARY AND STREAM LAB ARE CONTROLLED VIA MANUAL ON/AUTO-OFF DIMMABLE WALL SWITCH AND OCCUPANCY SENSORS. EACH SWITCH CONSISTS OF FULL DIMMING CAPABILITY OF THREE ZONES. WALL SWITCHES CONSISTS OF 'A', 'B', 'C', 'OFF', 'RAISE', AND 'LOWER' BUTTONS. THE OCCUPANCY SENSORS SHALL HAVE THE AUTO OFF FEATURE WHICH SHALL TURN ALL LIGHTS OFF AFTER 20 MINUTES WHEN THE ROOM IS VACANT. IN BUILT BATTERY PACK IN THE LIGHT FIXTURE ARE INCLUDED TO OVERRIDE SWITCH AND FORCE EMERGENCY LIGHTS ON IN THE EVENT OF LOST OF POWER
 - SMALL GROUP ROOM, AND WING SPACES ARE CONTROLLED VIA MANUAL ON/AUTO-OFF DIMMABLE WALL SWITCHES AND OCCUPANCY SENSORS. EACH SWITCH CONSISTS OF FULL DIMMING CAPABILITY OF TWO ZONES. WALL SWITCHES CONSISTS OF 'A', 'B', 'OFF', 'RAISE', AND 'LOWER' BUTTONS. THE OCCUPANCY SENSORS SHALL HAVE THE AUTO OFF FEATURE WHICH SHALL TURN ALL LIGHTS OFF AFTER 20 MINUTES WHEN THE ROOM IS VACANT. IN BUILT BATTERY PACK IN THE LIGHT FIXTURE ARE INCLUDED TO OVERRIDE SWITCH AND FORCE EMERGENCY LIGHTS ON IN THE EVENT OF LOST OF POWER
 - SINGLE BATHROOMS SHALL BE CONTROLLED VIA MANUAL ON, AUTO OFF SWITCH WITH CEILING MOUNTED OCCUPANCY SENSOR. THE AUTO OFF FEATURE SHALL TURN ALL LIGHTS OFF AFTER 20 MINUTES WHEN THE BATHROOM IS VACANT. IN BUILT BATTERY PACK IN THE LIGHT FIXTURE ARE INCLUDED TO OVERRIDE SWITCH AND FORCE EMERGENCY LIGHTS ON IN THE EVENT OF LOST OF POWER



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1	09.01.2023	NYS-ED SUBMISSION

**PART FIRST FLOOR
LIGHTING PLAN**

Job No.	2023-1059	Date	03/21/2024
Scale	AS NOTED	Drawn / Checked	Author / Checker

Sheet Number
E202

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE THEIR WORK WITH THE WORK OF ALL OTHER CONTRACTORS.

**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

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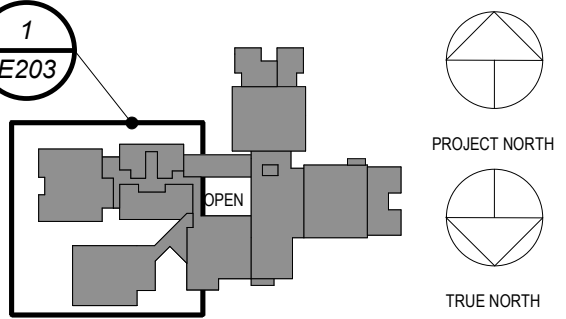
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NY SED PROJECT CONTROL NUMBER
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CONSTRUCTION DOCUMENTS -
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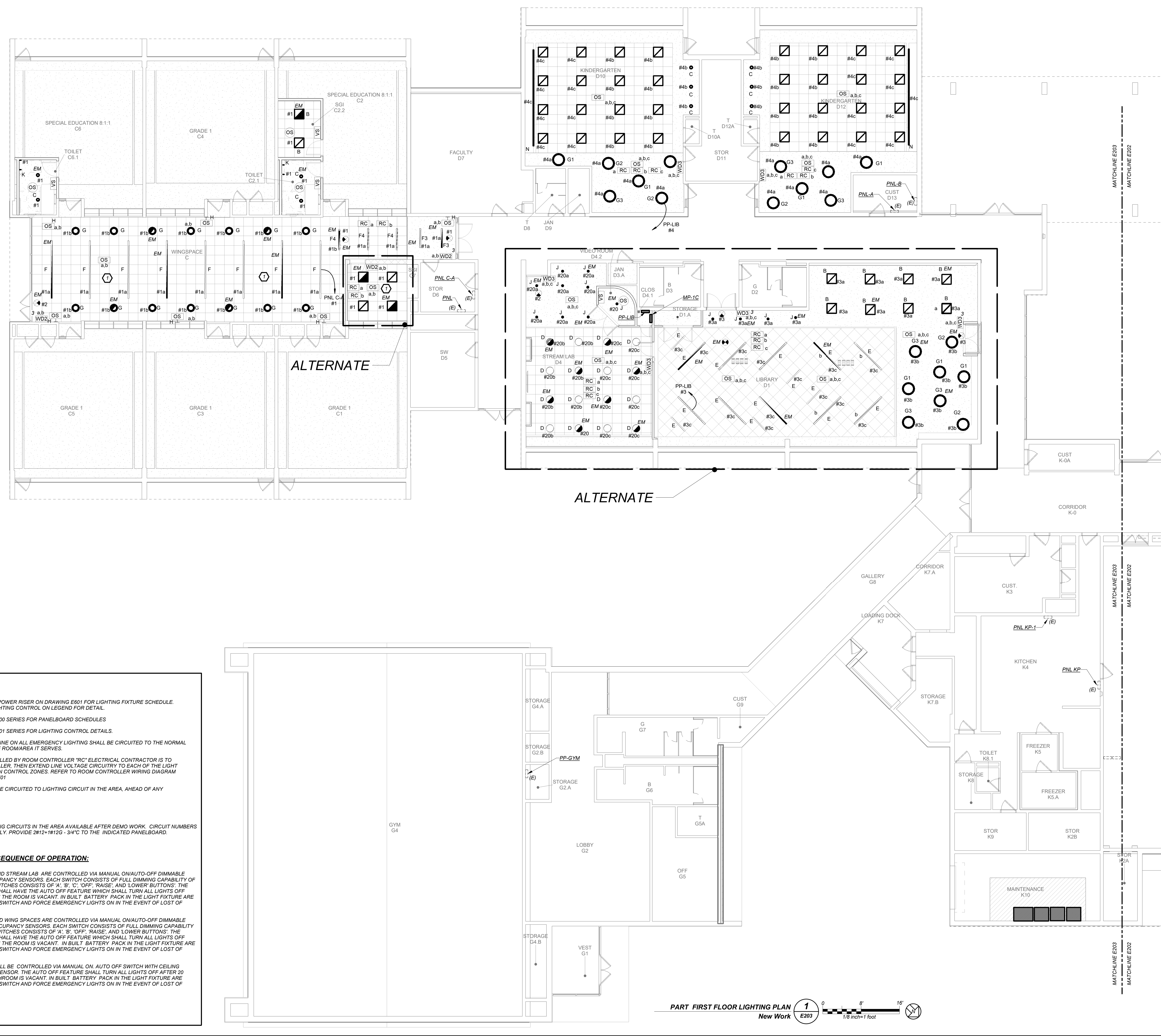
Professional Seal

No.	Date	Issue
2	03.22.2024	ISSUED FOR BID
1	09.01.2023	NYS&D SUBMISSION

**PART FIRST FLOOR
LIGHTING PLAN**

Job No. 2023-1059 Date 03/21/2024
Scale AS NOTED Drawn / Checked BGA/BGA
Sheet Number

E203



GENERAL NOTES:

- REFER TO ELECTRICAL POWER RISER ON DRAWING E601 FOR LIGHTING FIXTURE SCHEDULE. REFER TO E601 FOR LIGHTING CONTROL ON LEGEND FOR DETAIL.
- REFER TO DRAWINGS E600 SERIES FOR PANELBOARD SCHEDULES
- REFER TO DRAWINGS E701 SERIES FOR LIGHTING CONTROL DETAILS.
- NORMAL SIDE SENSING LINE ON ALL EMERGENCY LIGHTING SHALL BE CIRCUITED TO THE NORMAL LIGHTING CIRCUIT IN THE ROOM/AREA IT SERVES.
- FOR ALL AREAS CONTROLLED BY ROOM CONTROLLER 'RC' ELECTRICAL CONTRACTOR IS TO CIRCUIT ROOM CONTROLLER, THEN EXTEND LINE VOLTAGE CIRCUITRY TO EACH OF THE LIGHT FIXTURES DEPENDING ON CONTROL ZONES. REFER TO ROOM CONTROLLER WIRING DIAGRAM DETAILS ON DRAWING E701
- ALL EXIT LIGHTS SHALL BE CIRCUITED TO LIGHTING CIRCUIT IN THE AREA, AHEAD OF ANY SWITCHING.

WORK NOTES:

1 EC SHALL UTILIZE EXISTING CIRCUITS IN THE AREA AVAILABLE AFTER DEMO WORK. CIRCUIT NUMBERS ARE FOR REFERENCE ONLY. PROVIDE 2#12-1#120 - 3/4" TO THE INDICATED PANELBOARD.

LIGHTING CONTROLS AND SEQUENCE OF OPERATION:

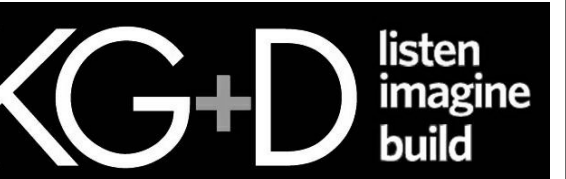
- CLASSROOM, LIBRARY AND STREAM LAB ARE CONTROLLED VIA MANUAL ON/AUTO-OFF DIMMABLE WALL SWITCH AND OCCUPANCY SENSORS. EACH SWITCH CONSISTS OF FULL DIMMING CAPABILITY OF THREE ZONES. WALL SWITCHES CONSISTS OF 'A', 'B', 'C', 'OFF', 'RAISE', AND 'LOWER' BUTTONS. THE OCCUPANCY SENSORS SHALL HAVE THE AUTO OFF FEATURE WHICH SHALL TURN ALL LIGHTS OFF AFTER 20 MINUTES WHEN THE ROOM IS VACANT. IN BUILT BATTERY PACK IN THE LIGHT FIXTURE ARE INCLUDED TO OVERRIDE SWITCH AND FORCE EMERGENCY LIGHTS ON IN THE EVENT OF LOST OF POWER
- SMALL GROUP ROOM AND WING SPACES ARE CONTROLLED VIA MANUAL ON/AUTO-OFF DIMMABLE WALL SWITCHES AND OCCUPANCY SENSORS. EACH SWITCH CONSISTS OF FULL DIMMING CAPABILITY OF TWO ZONES. WALL SWITCHES CONSISTS OF 'A', 'B', 'OFF', 'RAISE', AND 'LOWER' BUTTONS. THE OCCUPANCY SENSORS SHALL HAVE THE AUTO OFF FEATURE WHICH SHALL TURN ALL LIGHTS OFF AFTER 20 MINUTES WHEN THE ROOM IS VACANT. IN BUILT BATTERY PACK IN THE LIGHT FIXTURE ARE INCLUDED TO OVERRIDE SWITCH AND FORCE EMERGENCY LIGHTS ON IN THE EVENT OF LOST OF POWER
- SINGLE BATHROOMS SHALL BE CONTROLLED VIA MANUAL ON, AUTO OFF SWITCH WITH CEILING MOUNTED OCCUPANCY SENSOR. THE AUTO OFF FEATURE SHALL TURN ALL LIGHTS OFF AFTER 20 MINUTES WHEN THE BATHROOM IS VACANT. IN BUILT BATTERY PACK IN THE LIGHT FIXTURE ARE INCLUDED TO OVERRIDE SWITCH AND FORCE EMERGENCY LIGHTS ON IN THE EVENT OF LOST OF POWER

PART FIRST FLOOR LIGHTING PLAN
New Work 1 E203

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE THEIR WORK WITH THE WORK OF ALL OTHER CONTRACTORS.

**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

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NY SED PROJECT CONTROL NUMBER

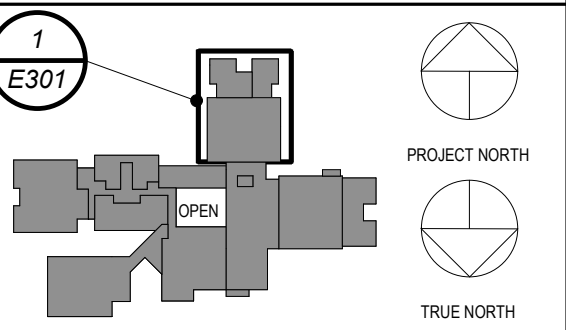
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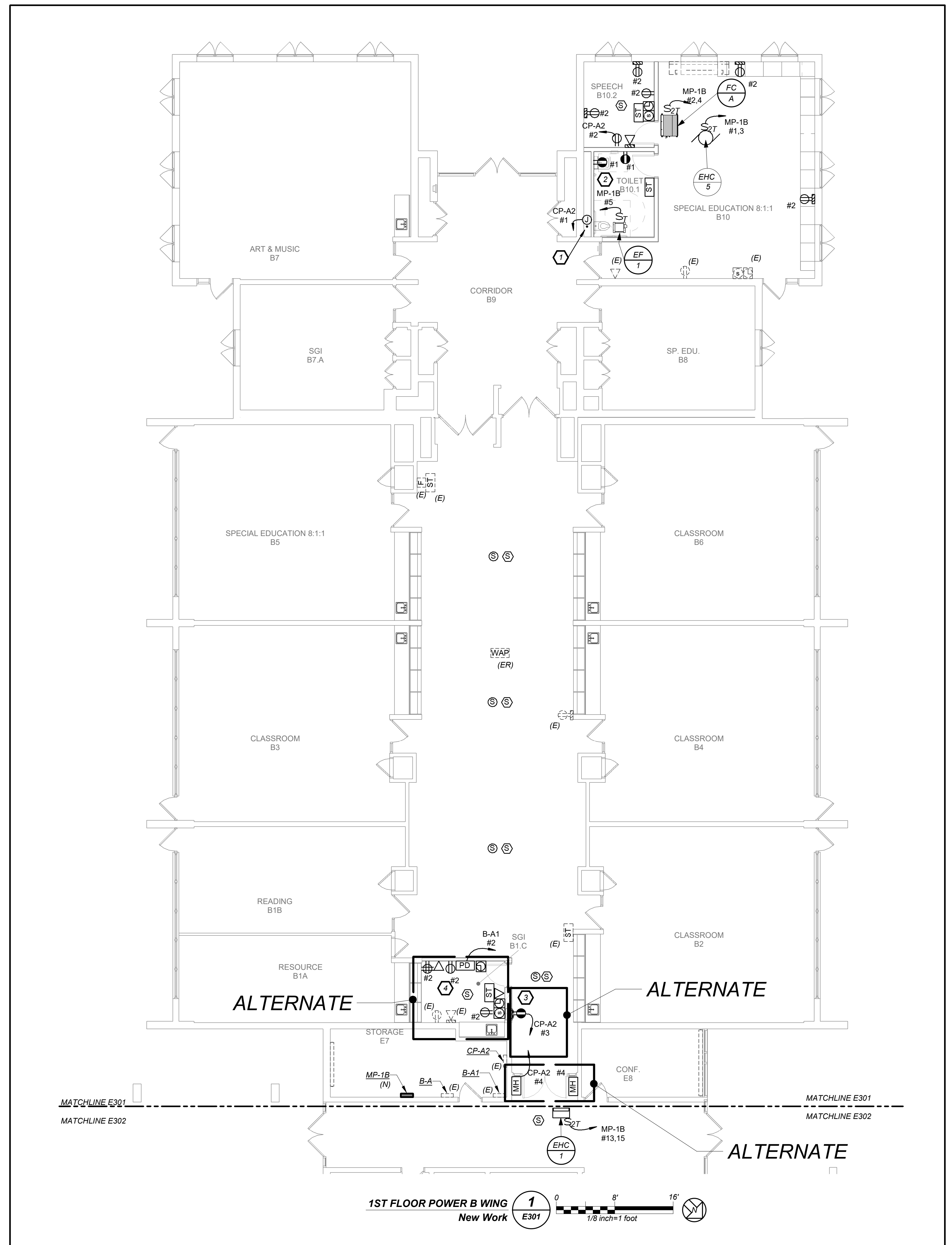
**PART FIRST FLOOR
POWER PLAN**

Job No. 2023-1059 Date 03/21/2024

Scale AS NOTED Drawn / Checked Author / Checker

Sheet Number

E301



GENERAL NOTES:

- REFER TO ELECTRICAL POWER RISER ON DRAWING E501 FOR SCOPE OF WORK.
- REFER TO DRAWINGS E600 SERIES FOR PANELBOARD SCHEDULES FOR BRANCH CIRCUITING INFORMATION.
- REFER TO DRAWINGS E700 SERIES FOR DETAILS.
- ELECTRICAL CONTRACTOR TO COORDINATE EXACT MOUNTING HEIGHTS OF SMART BOARD POWER AND DATA WITH ARCHITECT/OWNER BEFORE START OF ANY WORK.

WORK NOTES:

- ELECTRICAL CONTRACTOR SHALL COORDINATE LOCATION OF JUNCTION BOX TO SERVE THE POWER SUPPLY FOR AUTOMATIC FLUSH VALVE PRIOR TO THE START OF ANY WORK WITH PLUMBING CONTRACTOR. POWER SUPPLY FURNISHED BY PLUMBING CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL INSTALL THE 120V CIRCUIT AND ALL LOW VOLTAGE WIRING ON THE LOAD SIDE OF POWER SUPPLY BY PLUMBING CONTRACTOR.
- ELECTRICAL CONTRACTOR SHALL COORDINATE LOCATION OF GFI OUTLET BELOW THE SINK TO SERVE THE POWER SUPPLY FOR AUTOMATIC FAUCET PRIOR TO THE START OF ANY WORK WITH PLUMBING CONTRACTOR.
- GFI OUTLET FOR WATER FOUNTAIN
- EC SHALL UTILIZE EXISTING CIRCUITS IN THE AREA AVAILABLE AFTER DEMO WORK. PROVIDE 2#12-1#12G TO THE INDICATED PANELBOARD.

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE THEIR WORK WITH THE WORK OF ALL OTHER CONTRACTORS.

**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

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NY SED PROJECT CONTROL NUMBER

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CONSTRUCTION DOCUMENTS -
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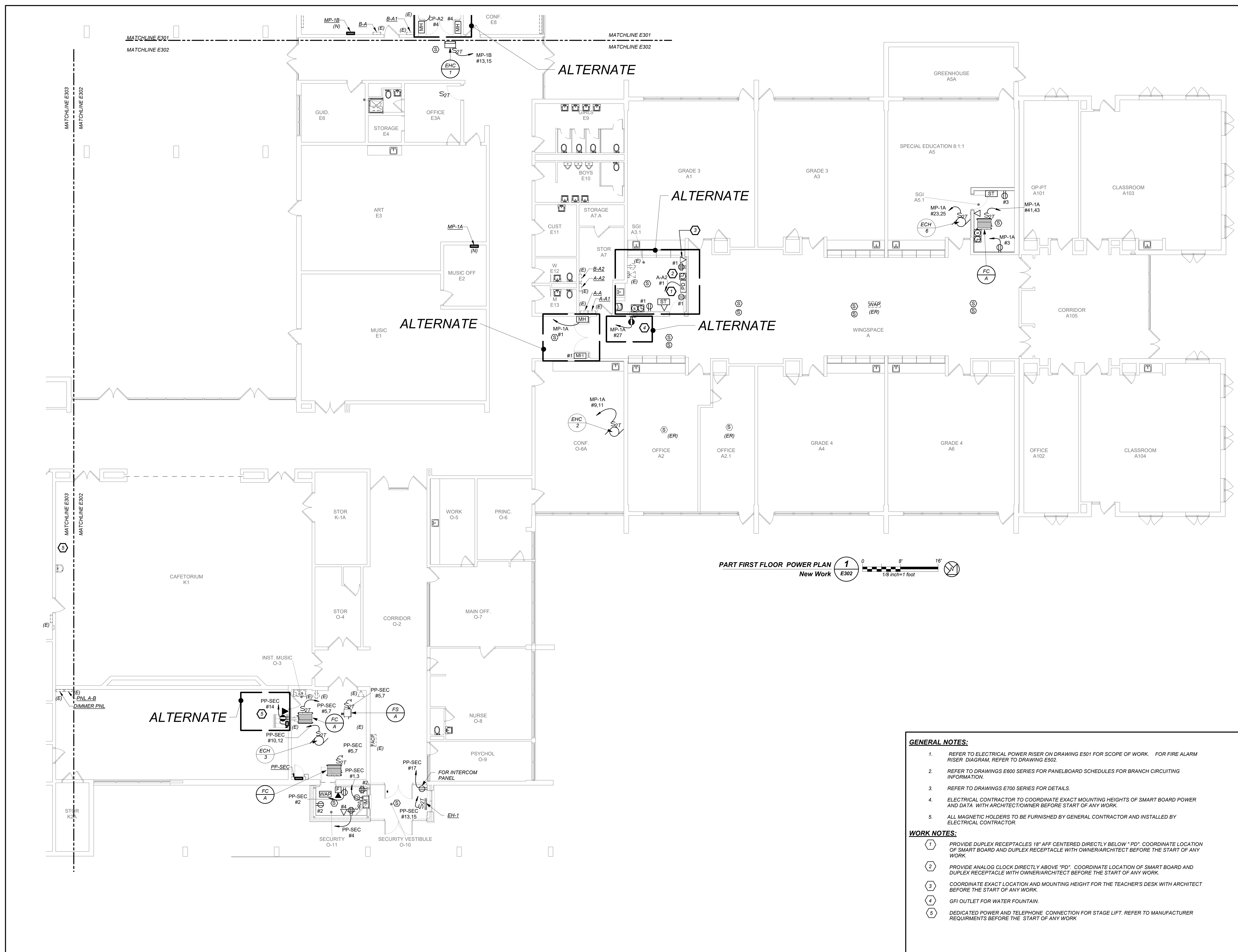
**PART FIRST FLOOR
POWER PLAN**

Job No. 2023-1059 Date 03/21/2024

Scale AS NOTED Drawn / Checked Author Checker

Sheet Number

E302



- GENERAL NOTES:**
- REFER TO ELECTRICAL POWER RISER ON DRAWING E501 FOR SCOPE OF WORK. FOR FIRE ALARM RISER DIAGRAM, REFER TO DRAWING E502.
 - REFER TO DRAWINGS E600 SERIES FOR PANELBOARD SCHEDULES FOR BRANCH CIRCUITING INFORMATION.
 - REFER TO DRAWINGS E700 SERIES FOR DETAILS.
 - ELECTRICAL CONTRACTOR TO COORDINATE EXACT MOUNTING HEIGHTS OF SMART BOARD POWER AND DATA WITH ARCHITECT/OWNER BEFORE START OF ANY WORK.
 - ALL MAGNETIC HOLDERS TO BE FURNISHED BY GENERAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
- WORK NOTES:**
- PROVIDE DUPLEX RECEPTACLES 18" AFF CENTERED DIRECTLY BELOW "PD". COORDINATE LOCATION OF SMART BOARD AND DUPLEX RECEPTACLE WITH OWNER/ARCHITECT BEFORE THE START OF ANY WORK.
 - PROVIDE ANALOG CLOCK DIRECTLY ABOVE "PD". COORDINATE LOCATION OF SMART BOARD AND DUPLEX RECEPTACLE WITH OWNER/ARCHITECT BEFORE THE START OF ANY WORK.
 - COORDINATE EXACT LOCATION AND MOUNTING HEIGHT FOR THE TEACHER'S DESK WITH ARCHITECT BEFORE THE START OF ANY WORK.
 - GFI OUTLET FOR WATER FOUNTAIN.
 - DEDICATED POWER AND TELEPHONE CONNECTION FOR STAGE LIFT. REFER TO MANUFACTURER REQUIREMENTS BEFORE THE START OF ANY WORK.

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE THEIR WORK WITH THE WORK OF ALL OTHER CONTRACTORS.

**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

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NY SED PROJECT CONTROL NUMBER

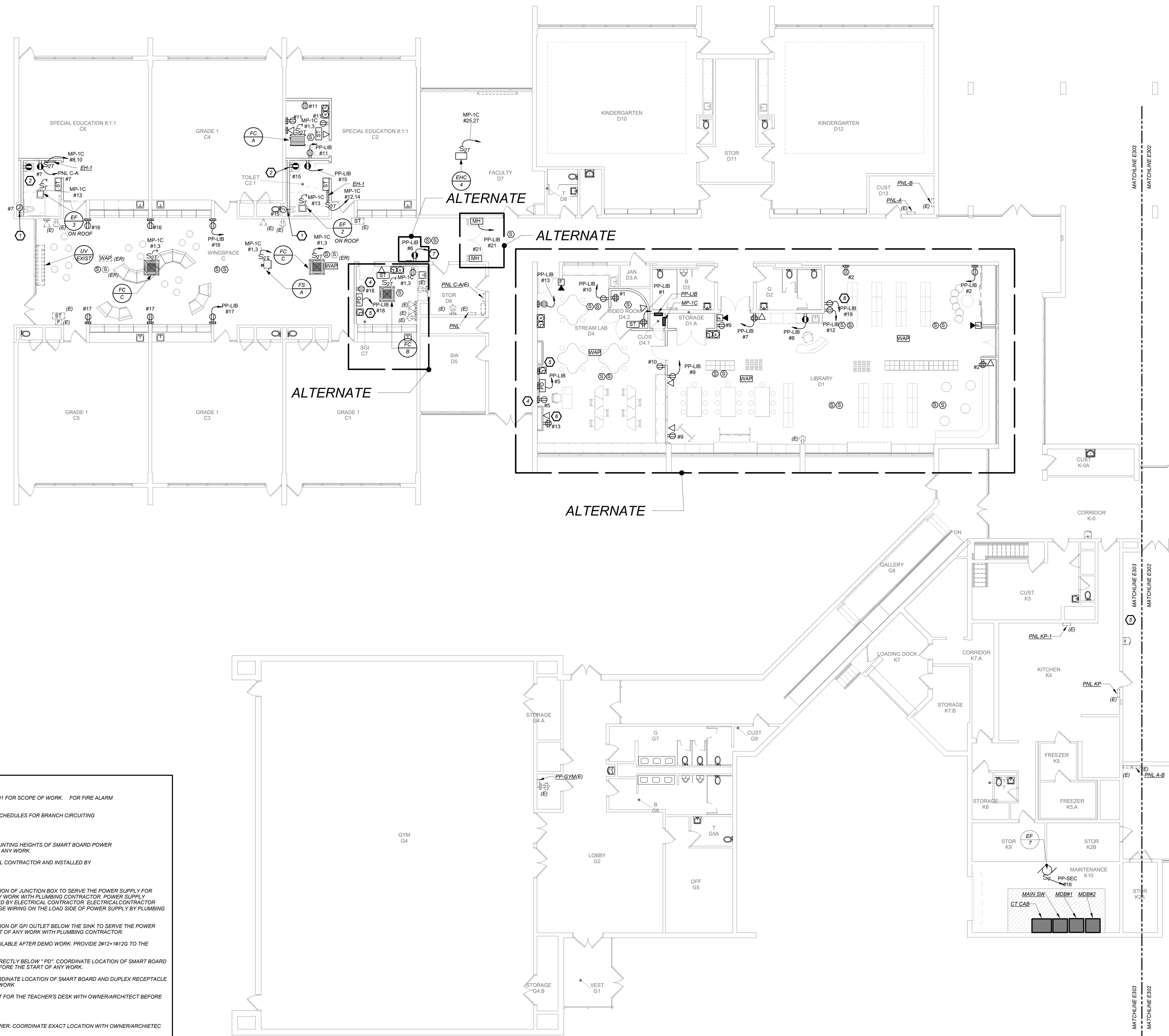
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CONSTRUCTION DOCUMENTS -
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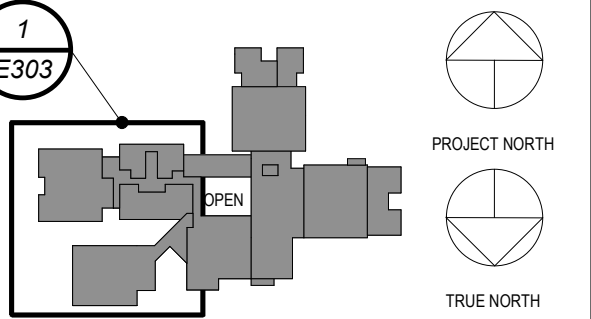


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- GENERAL NOTES:**
- REFER TO ELECTRICAL POWER RISER ON DRAWING E501 FOR SCOPE OF WORK. FOR FIRE ALARM RISER DIAGRAM, REFER TO DRAWING E502.
 - REFER TO DRAWINGS E600 SERIES FOR PANELBOARD SCHEDULES FOR BRANCH CIRCUITING INFORMATION.
 - REFER TO DRAWINGS E700 SERIES FOR DETAILS.
 - ELECTRICAL CONTRACTOR TO COORDINATE EXACT MOUNTING HEIGHTS OF SMART BOARD POWER AND DATA WITH ARCHITECT/OWNER BEFORE START OF ANY WORK.
 - ALL MAGNETIC HOLDERS TO BE FURNISHED BY GENERAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
- WORK NOTES:**
- ELECTRICAL CONTRACTOR SHALL COORDINATE LOCATION OF JUNCTION BOX TO SERVE THE POWER SUPPLY FOR AUTOMATIC FLUSH VALVE PRIOR TO THE START OF ANY WORK WITH PLUMBING CONTRACTOR. POWER SUPPLY FURNISHED BY PLUMBING CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL INSTALL THE 120V CIRCUIT AND ALL LOW VOLTAGE WIRING ON THE LOAD SIDE OF POWER SUPPLY BY PLUMBING CONTRACTOR.
 - ELECTRICAL CONTRACTOR SHALL COORDINATE LOCATION OF GFI OUTLET BELOW THE SINK TO SERVE THE POWER SUPPLY FOR AUTOMATIC FAUCET PRIOR TO THE START OF ANY WORK WITH PLUMBING CONTRACTOR.
 - EC SHALL UTILIZE EXISTING CIRCUITS IN THE AREA AVAILABLE AFTER DEMO WORK. PROVIDE #12-1#12G TO THE INDICATED PANELBOARD.
 - PROVIDE DUPLEX RECEPTACLES 18" AFF CENTERED DIRECTLY BELOW "PD". COORDINATE LOCATION OF SMART BOARD AND DUPLEX RECEPTACLE WITH OWNER/ARCHITECT BEFORE THE START OF ANY WORK.
 - PROVIDE ANALOG CLOCK DIRECTLY ABOVE "PD". COORDINATE LOCATION OF SMART BOARD AND DUPLEX RECEPTACLE WITH OWNER/ARCHITECT BEFORE THE START OF ANY WORK.
 - COORDINATE EXACT LOCATION AND MOUNTING HEIGHT FOR THE TEACHER'S DESK WITH OWNER/ARCHITECT BEFORE THE START OF ANY WORK.
 - GFI OUTLET FOR WATER FOUNTAIN.
 - DEDICATED CIRCUITS FOR DESKTOP PRINTER AND COPIER. COORDINATE EXACT LOCATION WITH OWNER/ARCHITECT BEFORE STAT OF ANY WORK.



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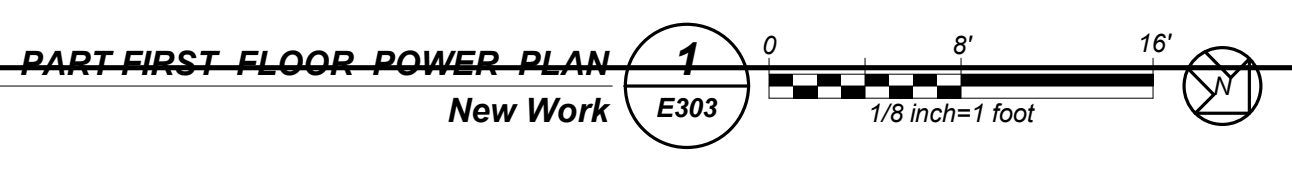
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**PART FIRST FLOOR
POWER PLAN**

Job No. 2023-1059 Date 03/21/2024
Scale AS NOTED Drawn / Checked BGA/BGA

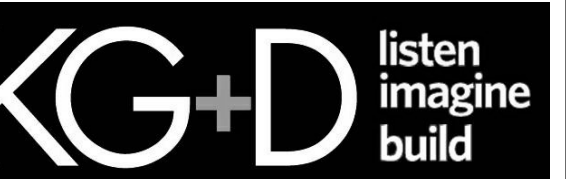
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E303

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**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

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NY SED PROJECT CONTROL NUMBER

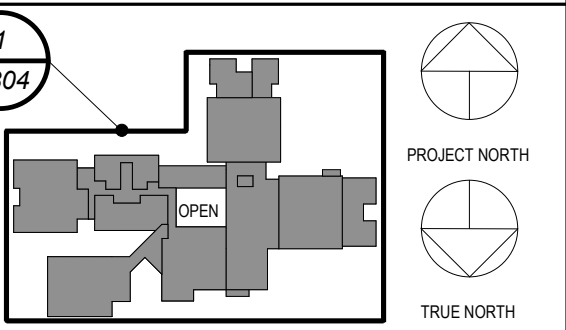
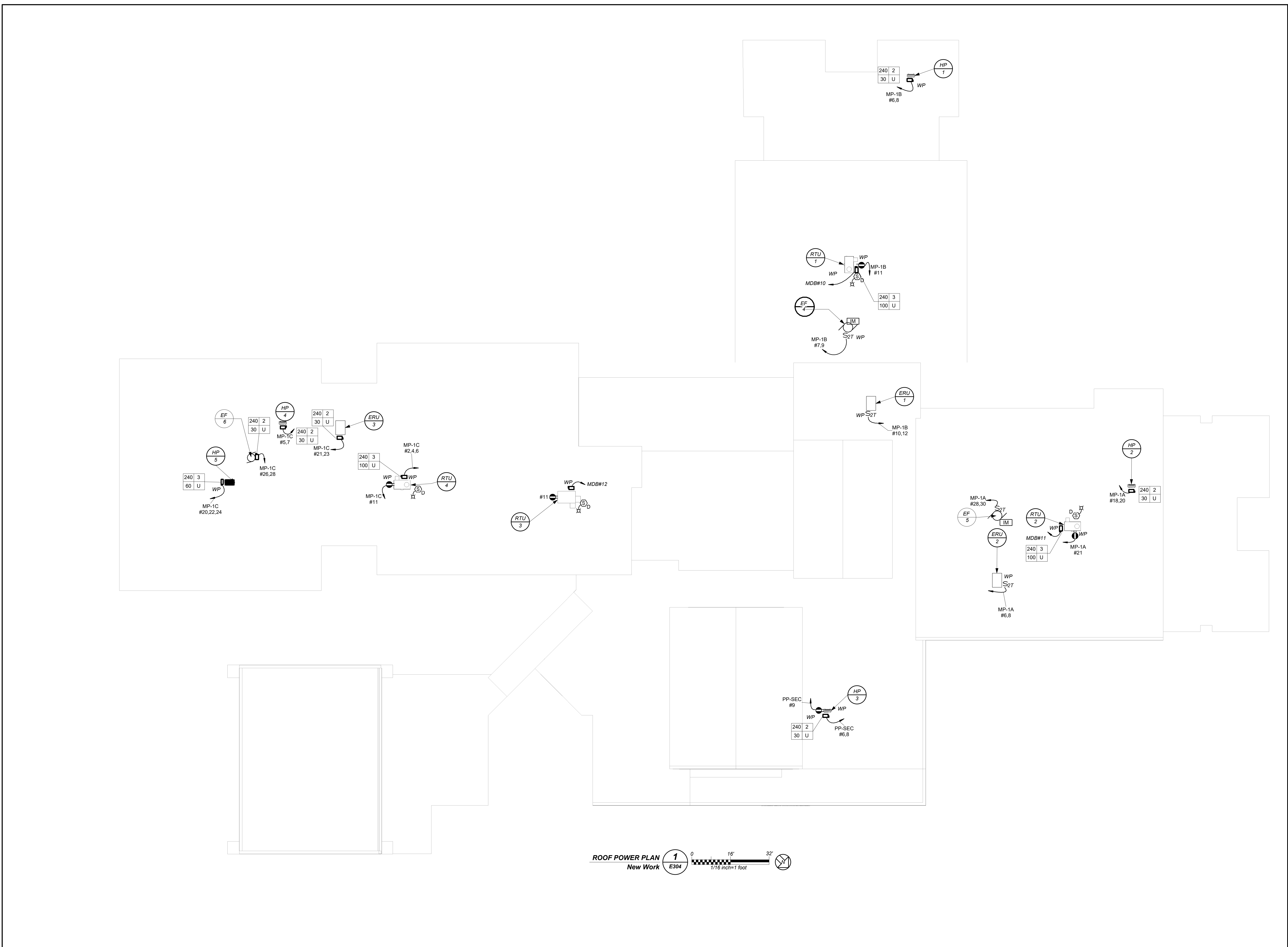
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CONSTRUCTION DOCUMENTS -
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Sheet Title

ROOF POWER PLAN

Job No.	2023-1059	Date	03/21/2024
Scale	AS NOTED	Drawn / Checked	BGA BGA

Sheet Number

E304

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE THEIR WORK WITH THE WORK OF ALL OTHER CONTRACTORS.

INCREASE MILLER ES ADDITIONS + ALTERATIONS
KATONAH LEWISBORO SD

186 WACCABUC RD
GOLDENS BRIDGE, NY 10526



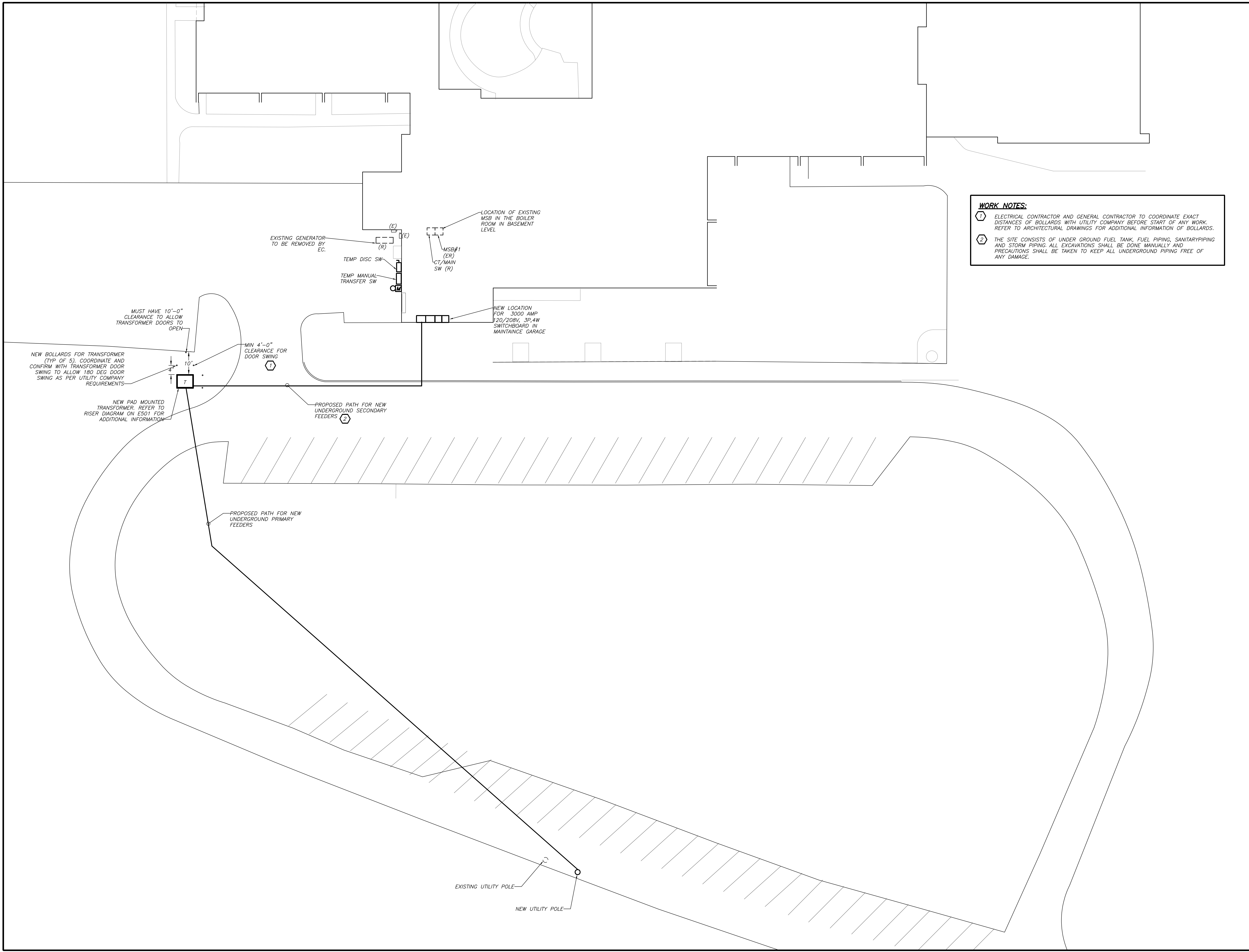
KG+D . ARCHITECTS PC
385 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P:914.666.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NUMBER
66-01-01-03-0-004-017

CONSTRUCTION DOCUMENTS-
ISSUED FOR BID

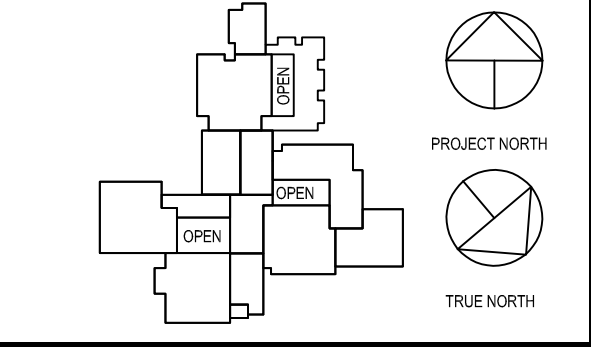


39 MARBLE AVE. PLEASANTVILLE, NY 10570
914.328.6000 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM



WORK NOTES:

- ELECTRICAL CONTRACTOR AND GENERAL CONTRACTOR TO COORDINATE EXACT DISTANCES OF BOLLARDS WITH UTILITY COMPANY BEFORE START OF ANY WORK. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION OF BOLLARDS.
- THE SITE CONSISTS OF UNDER GROUND FUEL TANK, FUEL PIPING, SANITARYPIPING AND STORM PIPING. ALL EXCAVATIONS SHALL BE DONE MANUALLY AND PRECAUTIONS SHALL BE TAKEN TO KEEP ALL UNDERGROUND PIPING FREE OF ANY DAMAGE.



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Professional Seal

No.	Date	Issue
2	3.22.2024	ISSUED FOR BID
1	8.21.2023	NYSED SUBMISSION

SITE UTILITY PLAN

Job No. 2023-2016 Date 03/21/2024
Scale AS NOTED Drawn / Checked BGA / BGA

Sheet Number **E305**

SITE UTILITY PLAN 1/ E305
(NEW WORK)
Scale: 1/16 inch=1 foot

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

KATONAH-LEWISBORO
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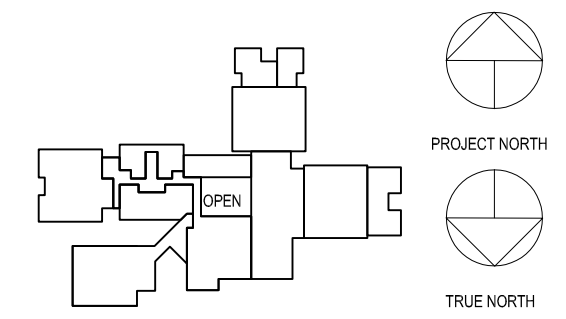
NY SED PROJECT CONTROL NUMBER

66-01-01-03-0-007-016

CONSTRUCTION DOCUMENTS -
NYS ED



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Professional Seal

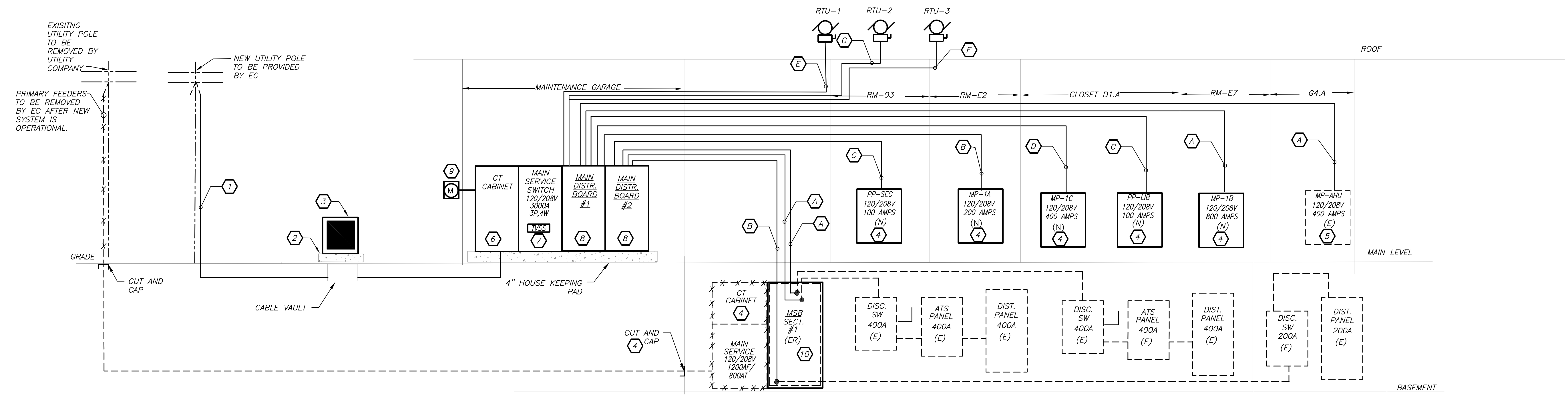
2	03.22.2024	ISSUED FOR BID
1	09.01.2023	NYS ED SUBMISSION

Sheet Title

**ELECTRICAL
RISER**

Job No. 2023-1017 Date 03/21/2024
Scale AS NOTED Drawn / Checked BGA/BGA
Sheet Number **E501**

- FEEDER SCHEDULE:**
- (A) 2 SETS OF 4#500KCMIL + 1#3G IN 4" C.
 - (B) 4#3/0 + 1#6G IN 2" C.
 - (C) 4#2 + 1#6G IN 1-1/4" C.
 - (D) 4#500KCMIL + 1#3G IN 4" C.
 - (E) 3#3/0 + 1#6G IN 2" C.
 - (F) 3 #1/0 + 1#6 IN 2" C
 - (G) 3#2 + 1#6G IN 1-1/2" C.



PARTIAL POWER RISER DIAGRAM 1 N.T.S.
E501

PANEL DESIGNATION: MDB		MOUNTING: SURFACE					
SUPPLY CHARACTERISTIC 120/208 VOLTS, 3 PHASE, 4 WIRES							
MAIN BUS RATING: 3000 AMPS		NEUTRAL: FULL SIZE					
MAIN BUS DEVICE: 3000 AMPS		USAGE: DISTRIBUTION					
CKT NO.	CIRCUIT BREAKER BRANCH DEVICE			PANELBOARD	WIRE	COND.	LOAD
	DEVICE SIZE	POLES "N" - NEUT. BARS CONNECTION	OVER-CURRENT SIZE				
1	400	3+N	400	DISC-ATS-1	SEE RISER	SEE RISER	-
2	400	3+N	400	DISC-ATS-2	SEE RISER	SEE RISER	-
3	200	3+N	200	DISC-PNL A	SEE RISER	SEE RISER	-
4	200	3+N	200	MP-1A	SEE RISER	SEE RISER	-
5	800	3+N	350	MP-1B	SEE RISER	SEE RISER	-
6	400	3+N	400	MP-1C	SEE RISER	SEE RISER	-
7	400	3+N	400	MP-AHU	SEE RISER	SEE RISER	-
8	100	3+N	100	PP-SEC	SEE RISER	SEE RISER	-
9	100	3+N	100	PP-LIB	SEE RISER	SEE RISER	-
10	200	3+N	100	RTU-1	SEE RISER	SEE RISER	-
11	100	3+N	100	RTU-2	SEE RISER	SEE RISER	-
12	200	3+N	125	RTU-3	SEE RISER	SEE RISER	-
13	200	3+N	200	SPACE	SEE RISER	SEE RISER	-
14	100	3+N	60	TVSS	3#6+1#10G	-	-
15	100	3+N	100	SPACE	-	-	-
16	200	3+N	200	SPACE	-	-	-
17	200	3+N	200	SPACE	-	-	-

- POWER RISER DIAGRAM NOTES:**
- (1) ELECTRICAL CONTRACTOR SHALL PROVIDE A NEW RISER WITH 3#2 ALUMINUM 15KV RATED PRIMARY CABLE AND 1#2/0 COPPER NEUTRAL IN 4" CONDUIT BURIED A MINIMUM 8" BELOW GRADE ENCASE IN CONCRETE UNDER ROADWAYS AND PARKING LOTS. 4" RIGID GALVANIZED STEEL CONDUIT SHALL BE PROVIDED ON UTILITY POLE. CONDUIT SHALL TRANSITION TO SCHEDULE 40 CONDUIT 5' AWAY FROM POLE AND PROCEED TO ENTER TRANSFORMER CABLE VAULT. CONCRETE ENCASEMENT SHALL BE DONE BY OTHERS INCLUDING BACKFILL. PROVIDE CLEAN FILL FREE OF STONES LARGER THAN 1", ROOTS, DEBRIS, ETC. COORDINATE WITH UTILITY COMPANY BEFORE THE START OF ANY WORK. MARKER TAPE SHALL BE PLACED BY OTHERS 12" BELOW GRADE LABELED "HIGH VOLTAGE". PROVIDE ALL REQUIRED AND NECESSARY ACCESSORIES FOR PROPER CONNECTION (EX. COMPRESSION FITTINGS, BUSHINGS, ETC) BEFORE THE START OF ANY WORK THIS CONTRACTOR SHALL BE RESPONSIBLE TO HAVE ALL EXISTING UTILITIES MARKING PERFORMED IN THE AREA OF ALL WORK BEING PERFORMED BY THIS CONTRACT. THIS INCLUDES AND NOT LIMITED TO ELECTRICAL, WATER, SEWER, STORM, ETC. REFER TO SPECIFICATION FOR ADDITIONAL INFORMATION.
 - (2) ELECTRICAL CONTRACTOR SHALL PROVIDE NEW OUTDOOR CONCRETE PAD WITH CABLE VAULT AS PER UTILITY COMPANY'S REQUIREMENT. ELECTRICAL CONTRACTOR SHALL HAVE 15'-0" OF PRIMARY AND SECONDARY CABLE COILED IN VAULT.
 - (3) NEW 3Ø, 4W 15KV PRIMARY 120/208V SECONDARY TRANSFORMER, FURNISHED BY UTILITY COMPANY AND INSTALLED BY ELECTRICAL CONTRACTOR TO ALL FINAL CONNECTIONS OF PRIMARY CABLE AND SECONDARY CABLE TO UTILITY TRANSFORMER BY EC. TRANSFORMER PAD PROVIDED BY THE THIS CONTRACTOR. PROVIDE A 60KW TEMPORARY GENERATOR TO KEEP THE BUILDING OPERATIONAL AS DIRECTED BY SCHOOL DISTRICT. COORDINATE ALL SHUTDOWNS WITH NYSED, SCHOOL DISTRICT, CONSTRUCTION MANAGEMENT AND ARCHITECT/ENGINEER. REFER TO SPECIFICATION FOR ADDITIONAL INFORMATION.
 - (4) EXISTING SECONDARY FEEDERS, AND CONDUIT SHALL BE REMOVED ONCE NEW DISTRIBUTION BOARD IS INSTALLED AND 100% OPERATIONAL. UNDERGROUND CONDUIT SHALL HAVE FEEDER REMOVED, CAPPED, PATCHED AND WATERPROOF BOTH ENDS OF CONDUIT. REMOVE EXISTING MAIN SERVICE SWITCH, METER (INCLUDING CONDUIT AND WIRE) AND C/T'S IN CABINET AND RETURN TO UTILITY COMPANY. C/T CABINET SHALL BE REMOVED INCLUDING EXISTING GROUNDING CONNECTIONS. NEW GROUNDING SHALL BE ESTABLISHED AT NEW MAIN DISTRIBUTION BOARD. PATCH AND WATERPROOF ALL BUILDING PENETRATIONS. TRANSFORMERS SHALL BE PLACED AT PROPERTY LINE FOR NYSED PICKUP.
 - (5) PROVIDE EIGHT (8) SETS OF 4#500KCMIL IN TYPE XHHW 4" RGS CONDUIT AND ONE (1) SPARE 4" RGS CONDUIT FROM PAD MOUNTED TRANSFORMER TO SWITCHGEAR CONDUIT SHALL BE BURIED 24" BELOW GRADE. BEFORE THE START OF ANY WORK THIS CONTRACTOR SHALL BE RESPONSIBLE TO HAVE ALL EXISTING UTILITIES MARKING PERFORMED IN THE AREA OF ALL WORK BEING PERFORMED BY THIS CONTRACT. THIS INCLUDES AND NOT LIMITED TO ELECTRICAL, WATER, SEWER, STORM, ETC. PROVIDE LINK SEAL FOR CONDUIT INSTALLATION THROUGH EXTERIOR BUILDING WALL. REFER TO NOTE 1 ABOVE FOR BACKFILL REQUIREMENTS. PROVIDE MANHOLE, CRABS, ETC. AS ALL REQUIRED AND NECESSARY ACCESSORIES FOR COMPLETE 100% OPERATIONAL SERVICE THAT MEETS ALL NYSED REQUIREMENTS.
 - (6) PROVIDE NEW 120/208V, 3000 AMP, 3 PHASE, 4 WIRE C/T CABINET. COORDINATE WITH UTILITY COMPANY BEFORE THE START OF ANY WORK ALL REQUIREMENTS ASSOCIATED WITH C/T'S AND METERING EQUIPMENT. PROVIDE ALL REQUIRED AND NECESSARY ACCESSORIES.
 - (7) PROVIDE NEW 120/208V, 3000 AMP, 3 PHASE, 4 WIRE WITH A 3000 AMP MAIN CIRCUIT BREAKER RATED FOR 100,000 AIC. MAIN BREAKER WITH TVSS. PROVIDE ALL REQUIRED AND NECESSARY ACCESSORIES. PROVIDE 2"x3/4" GROUND COPPER BUS THE FULL LENGTH OF THE DISTRIBUTION BOARD. PROVIDE ONE 250KCMIL GROUND IN 1 1/4" CONDUIT TO STREET SIDE OF MAIN COLD WATER VALVE. REFER TO DETAILS FOR ADDITIONAL INFORMATION. PROVIDE TVSS MODEL# TK-ST-300-3Y20B-L BY TOTAL PROTECTION SOLUTION OR APPROVED EQUAL.
 - (8) PROVIDE NEW 120/208V, 3000 AMP, 3 PHASE, 4 WIRE DISTRIBUTION BOARD RATED FOR 100,000 AIC. REFER TO DISTRIBUTION SCHEDULE FOR CIRCUIT BREAKER ARRANGEMENT, CONDUIT AND WIRE SIZE FOR EQUIPMENT TO BE SERVED.
 - (9) PROVIDE NEW UTILITY METER. COORDINATE WITH UTILITY COMPANY AND ARCHITECT BEFORE START OF ANY WORK FOR EXACT MOUNTING LOCATION MAX DISTANCE FROM CT SHALL BE NO MORE THAN 50'-0".
 - (10) REMOVE ALL COMPONENTS OF THE ORIGINAL MAINS SERVICE BOARD #1 AND USE THIS SECTION AS A SPLICE BOX TO EXTEND FEEDERS TO NEW MAIN DISTRIBUTION BOARD. PROVIDE NEW BLANK COVER PAINTED WITH LABEL "PULLBOX".
 - (11) EXISTING PANEL BOARD. PROVIDE NEW FEEDERS AS INDICATED.
 - (12) PROVIDE NEW 120/08V PANELBOARD. REFER TO PANEL SCHEDULE FOR PANEL SIZE, TYPE AND CIRCUIT BREAKER ARRANGEMENTS.

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

Branch Panel: MP-1B

Location: STORAGE E7
Supply From: MDB#1
Mounting: Surface
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 22,000
Mains Type: MCB
Mains Rating: 300 A
MCB Rating: 350 A

Notes:

CKT	TRIP	Circuit Description	Wire Size	Conduit Size	A	B	C	A	B	C	Conduit Size	Wire Size	Circuit Description	TRIP	CKT
1	30 A	EHC-5	2#10+1#10G	3/4"	1040 VA			104 VA			3/4"	2#12+1#12G	FC-A	20 A	2
3	20 A	EF-1	2#12+1#12G	3/4"		1040 VA		104 VA			3/4"	2#12+1#12G	FC-A	20 A	4
5	20 A	EF-1	2#12+1#12G	3/4"		60 VA				2038 VA	3/4"	2#10+1#10G	HP-1	30 A	6
7	20 A	EF-4	2#12+1#12G	3/4"	960 VA			960 VA			3/4"	2#10+1#10G	HP-1	30 A	8
9	20 A	EF-4	2#12+1#12G	3/4"	960 VA			960 VA			3/4"	2#12+1#12G	ERU-1	20 A	10
11	20 A	ROOF RECEPT	2#12+1#12G	3/4"		180 VA				863 VA	3/4"	2#12+1#12G	ERU-1	20 A	12
13	20 A	EHC-1	2#10+1#10G	3/4"	1560 VA			0 VA			3/4"	2#12+1#12G	Spare	20 A	14
15	20 A	Spare				1560 VA				0 VA		2#12+1#12G	Spare	20 A	16
17	20 A	Spare						0 VA		0 VA		2#12+1#12G	Spare	20 A	18
19	20 A	Spare						0 VA		0 VA		2#12+1#12G	Spare	20 A	20
21	20 A	Spare						0 VA		0 VA		2#12+1#12G	Spare	20 A	22
23	20 A	Spare						0 VA		0 VA		2#12+1#12G	Spare	20 A	24
25	20 A	Spare						0 VA		0 VA		2#12+1#12G	Spare	20 A	26
27	20 A	Spare						0 VA		0 VA		2#12+1#12G	Spare	20 A	28
29	20 A	Spare								0 VA		2#12+1#12G	Spare	20 A	30
Legend:					SUBTOTAL		5702 VA	4527 VA	3142 VA						

PANEL TOTALS		Load Classification		Connected Load (VA)		Estimated Demand (VA)	
Total Conn. Load:	13371 VA	Motor		13191 VA		180 VA	180 VA
Total Est. Demand:	13371 VA	Receptacle					
Total Conn.:	37 A						
Total Est. Demand:	37 A						

Notes:

Branch Panel: MP-1A

Location: MUSIC OFF E2
Supply From: MDB#1
Mounting: Surface
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 22,000
Mains Type: MCB
Mains Rating: 200 A
MCB Rating: 200 A

Notes:

CKT	TRIP	Circuit Description	Wire Size	Conduit Size	A	B	C	A	B	C	Conduit Size	Wire Size	Circuit Description	TRIP	CKT
1	20 A	MAGNETIC HOLDER	2#12+1#12G	3/4"	30 VA			0 VA			3/4"	3#12+1#12GRD	FC-F, J WING A	20 A	2
3	20 A	RM 5.1 RECEPT				360 VA		0 VA		0 VA		3#12+1#12GRD	FC-F, J WING A	20 A	4
5	20 A	Spare						0 VA		863 VA		3#12+1#12GRD	ERU-2	15 A	6
7	20 A	Spare						0 VA		0 VA		3#12+1#12GRD	ERU-2	20 A	8
9	30 A	ECH-2	2#10+1#10GRD	3/4"		1560 VA		1560 VA		0 VA		2#10+1#10G	Spare	20 A	10
11	20 A	Spare						0 VA		0 VA		2#10+1#10G	Spare	20 A	12
13	20 A	Spare						0 VA		0 VA		2#10+1#10G	Spare	20 A	14
15	20 A	Spare						0 VA		0 VA		2#10+1#10G	Spare	20 A	16
17	20 A	Spare						0 VA		2038 VA		2#10+1#10G	Spare	20 A	18
19	20 A	Spare						0 VA		2038 VA		2#10+1#10G	HP-2	30 A	20
21	20 A	ROOF RECEPT A WING	2#12+1#12GRD	3/4"		180 VA		180 VA		0 VA		2#12+1#12GRD	Spare	20 A	22
23	20 A	ROOF RECEPT A WING	2#12+1#12GRD	3/4"		260 VA		260 VA		0 VA		2#12+1#12GRD	Spare	20 A	24
25	20 A	Spare						260 VA		0 VA		2#12+1#12GRD	Spare	20 A	26
27	20 A	Receptacle	2#12+1#12GRD	3/4"		180 VA		180 VA		863 VA	3/4"	2#12+1#12GRD	EF-5	20 A	28
29	20 A	Spare						0 VA		863 VA		2#12+1#12GRD	Spare	20 A	30
31	20 A	Spare						0 VA		0 VA		2#12+1#12GRD	Spare	20 A	32
33	20 A	Spare						0 VA		0 VA		2#12+1#12GRD	Spare	20 A	34
35	20 A	Spare						0 VA		0 VA		2#12+1#12GRD	Spare	20 A	36
37	20 A	Spare						0 VA		0 VA		2#12+1#12GRD	Spare	20 A	38
39	20 A	Spare						0 VA		0 VA		2#12+1#12GRD	Spare	20 A	40
41	20 A	FC-A	2#12+1#12GRD	3/4"		166 VA		166 VA		0 VA		2#12+1#12GRD	Spare	20 A	42
43	20 A	Spare						166 VA		0 VA		2#12+1#12GRD	Spare	20 A	44
45	20 A	Spare								0 VA		2#12+1#12GRD	Spare	20 A	46
47	20 A	Spare						0 VA		0 VA		2#12+1#12GRD	Spare	20 A	48
49	20 A	Spare						0 VA		0 VA		2#12+1#12GRD	Spare	20 A	50
51	20 A	Spare						0 VA		0 VA		2#12+1#12GRD	Spare	20 A	52
53	20 A	Spare						0 VA		0 VA		2#12+1#12GRD	Spare	20 A	54
Legend:					SUBTOTAL		3358 VA	3143 VA	5751 VA						

PANEL TOTALS		Load Classification		Connected Load (VA)		Estimated Demand (VA)	
Total Conn. Load:	12252 VA	Motor		11502 VA		720 VA	720 VA
Total Est. Demand:	12252 VA	Receptacle				30 VA	30 VA
Total Conn.:	34 A	Power					
Total Est. Demand:	34 A						

Notes:

Branch Panel: PP-SEC

Location: MDB#1
Supply From: MDB#1
Mounting: Surface
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 40,000
Mains Type: MCB
Mains Rating: 100 A
MCB Rating: 100 A

Notes:

CKT	TRIP	Circuit Description	Wire Size	Conduit Size	A	B	C	A	B	C	Conduit Size	Wire Size	Circuit Description	TRIP	CKT
1	20 A	SEC WINDOW	2#12+1#12G	3/4"	104 VA			720 VA			3/4"	2#12+1#12G	SEC RM	20 A	2
3	20 A	FC-A	2#12+1#12G	3/4"		104 VA			360 VA		3/4"	2#12+1#12G	SEC RM TV	20 A	4
5	20 A	FC-A	2#12+1#12G	3/4"	312 VA		312 VA	2038 VA		2038 VA		2#12+1#12G	HP-3	30 A	6
7	20 A	FC-A	2#12+1#12G	3/4"								2#12+1#12G	HP-3	30 A	8
9	20 A	ROOF RECEPT SEC	2#12+1#12G	3/4"		180 VA			1040 VA		3/4"	2#10+1#10G	ECH-3	30 A	10
11	20 A	Lighting	2#12+1#12G	3/4"		451 VA			1040 VA		3/4"	2#10+1#10G	ECH-3	30 A	12
13	20 A	EH-1	2#12+1#12G	3/4"	1560 VA			180 VA		1040 VA	3/4"	2#12+1#12G	STAGE LIFT	20 A	14
15	20 A	EH-1	2#12+1#12G	3/4"	1560 VA			180 VA		120 VA	3/4"	2#12+1#12G	EF-7	20 A	16
17	20 A	INTERCOM	2#12+1#12G	3/4"		180 VA			0 VA			2#12+1#12G	Spare	20 A	18
19	20 A	Spare				0 VA		0 VA		0 VA		2#12+1#12G	Spare	20 A	20
21	20 A	Spare				0 VA		0 VA		0 VA		2#12+1#12G	Spare	20 A	22
23	20 A	Spare						0 VA		0 VA		2#12+1#12G	Spare	20 A	24
Legend:					SUBTOTAL		4914 VA	3364 VA	4018 VA						

PANEL TOTALS		Load Classification		Connected Load (VA)		Estimated Demand (VA)	
Total Conn. Load:	12296 VA	Motor		10229 VA		10229 VA	10229 VA
Total Est. Demand:	12296 VA	Receptacle		1620 VA		451 VA	451 VA
Total Conn.:	34 A	Lighting					
Total Est. Demand:	34 A						

Notes:

Branch Panel: MP-1C

Location: CLOS D4.1
Supply From: MDB#1
Mounting: Surface
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 40,000
Mains Type: MCB
Mains Rating: 400 A
MCB Rating: 400 A

Notes:

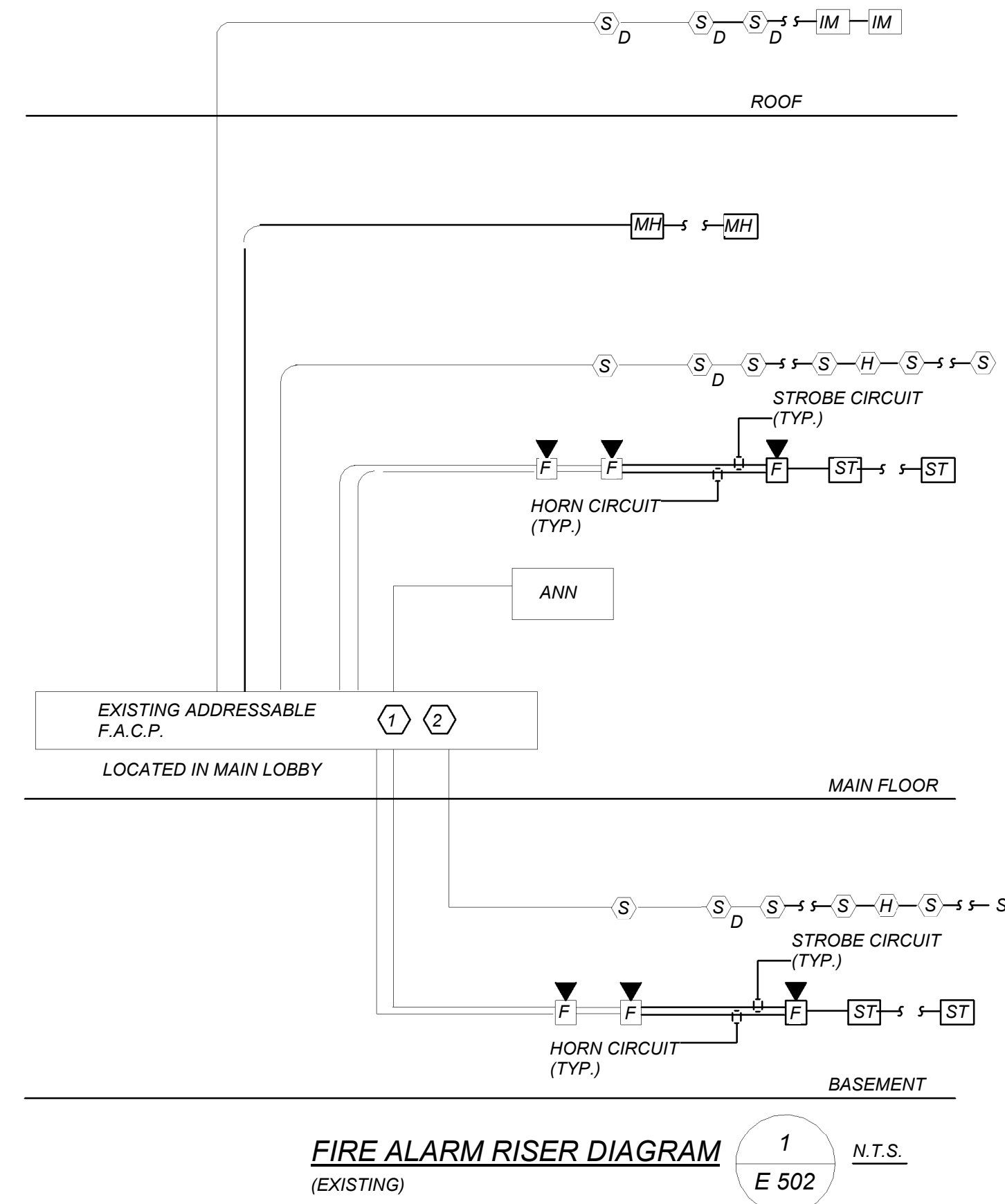
CKT	TRIP	Circuit Description	Wire Size	Conduit Size	A	B	C	A	B	C	Conduit Size	Wire Size	Circuit Description	TRIP	CKT
1	20 A	FC-C	2#12+1#12G	3/4"	562 VA			8526 VA			3/4"	3#12+1#12GRD	RTU-4	80 A	2
3	30 A	HP-4	2#10+1#10G	3/4"		562 VA		0 VA		8526 VA	3/4"	2#10+1#10G	EH-1	20 A	4
5	30 A	HP-4	2#10+1#10G	3/4"		0 VA		166 VA		8526 VA	3/4"	2#10+1#10G	EH-1	20 A	6
9	20 A	Spare						0 VA		166 VA		2#10+1#10G	EH-1	20 A	8
11	20 A	ROOF RECEPT C WIN...	2#12+1#12G	3/4"				360 VA		166 VA	3/4"	2#10+1#10G	EH-1	30 A	10
13	20 A	EF-3	2#12+1#12G	3/4"	72 VA			166 VA		166 VA	3/4"	2#10+1#10G	EH-1	30 A	12
15	20 A	Spare						0 VA		0 VA		2#10+1#10G	Spare	20 A	14
17	20 A	Spare						0 VA		0 VA		2#10+1#10G	Spare	20 A	16
19	20 A	Spare						0 VA		3711 VA		2#10+1#10G	Spare	20 A	18
21	20 A	ERU-3	2#12+1#12G	3/4"		822 VA		822 VA		3711 VA	3/4"	3#8+1#10G	HP-6	40 A	20
23	20 A	ERU-3	2#12+1#12G	3/4"		822 VA		822 VA		3711 VA	3/4"	3#8+1#10G	HP-6	40 A	22
25	20 A	EHC-4	2#12+1#12G	3/4"	1040 VA			822 VA		822 VA	3/4"	2#12+1#12G	EF-5	20 A	24
27	20 A	Spare						1040 VA		822 VA		2#12+1#12G	Spare	20 A	26
29	20 A	Spare						0 VA		0 VA		2#12+1#12G	Spare	20 A	28
31	20 A	Spare						0 VA		0 VA		2#12+1#12G	Spare	20 A	30
33	20 A	Spare						0 VA		0 VA		2#12+1#12G	Spare	20 A	32
35	20 A	Spare						0 VA		0 VA		2#12+1#12G	Spare	20 A	34
37	20 A	Spare						0 VA		0 VA		2#12+1#12G	Spare	20 A	36
39	20 A	Spare						0 VA		0 VA		2#12+1#12G	Spare	2	

FIRE ALARM RISER GENERAL NOTES:

- FIRE ALARM WIRING DIAGRAMS SHOWN ARE FOR GENERAL ARRANGEMENT ONLY. ELECTRICAL CONTRACTOR SHALL VERIFY AND OBTAIN POINT TO POINT WIRING DIAGRAM PRIOR TO INSTALLATION FROM MANUFACTURER.
- PERMITS AND APPROVALS NECESSARY FOR INSTALLATION OF THE WORK SHALL BE OBTAINED PRIOR TO THE COMMENCEMENT OF THE WORK. ALL PERMIT COSTS AND INSPECTION FEES SHALL BE INCLUDED AS PART OF THIS CONTRACT.
- IN AREAS WHERE DUST AND DIRT WILL BE AIRBORNE DURING DEMOLITION AND CONSTRUCTION THE CONTRACTOR SHALL PROVIDE PLASTIC WRAP OVER SMOKE DETECTORS AND THEN REMOVE ONCE SPACE IS CLEAN.
- UNLESS DIRECTED OTHERWISE BY FIRE ALARM SYSTEM MANUFACTURER FIRE ALARM DEVICE WIRING SHALL BE AS FOLLOWS (FOR BIDDING PURPOSES ONLY):
 - SPEAKER WIRING - #16 AWG TWISTED
 - STROBE WIRING - #14 AWG TWISTED
 - SIGNAL WIRING - #14 AWG TWISTED/SHIELDED
- THE WIRING SHALL HAVE THE FOLLOWING CHARACTERISTICS:
 - A. A MINIMUM TEMPERATURE RATING OF 150 C
 - B. A MINIMUM AVERAGE INSULATION THICKNESS OF 15 MILS
 - C. A MINIMUM AVERAGE JACKET THICKNESS OF 25 MILS
 - D. THE COLOR OF THE CABLE SHALL BE RED
 - E. THE CABLE SHALL BE A TYPE FPLP (PLENUM TYPE) WHEN CONDUIT IS USED. SEE NOTE 5 FOR ADDITIONAL CLARIFICATION.
 - F. THE CABLE SHALL BE VISIBLY MARKED EXTERNALLY THAT IT MEETS THE ABOVE REQUIREMENTS AND IS LISTED BY UL CONFIRM WIRING TYPE AND QUANTITY WITH FIRE ALARM SYSTEM MANUFACTURER PRIOR TO PURCHASING.
- PROVIDE MC FIRE ALARM CABLE WITH RED STRIPE AS MANUFACTURED BY AFC SERIES 1800 WHEN CABLE IS CONCEALED OR ABOVE HUNG CEILING. WHEN FIRE ALARM CABLE IS RUN EXPOSED IN FINISHED AREAS, CABLE SHALL RUN IN WIREMOLD V-700. WHEN FIRE ALARM CABLE IS RUN EXPOSED IN UNFINISHED AREAS, PROVIDE PLENUM RATED CABLE IN MIN. 3/4" CONDUIT.
- STROBES SHALL HAVE A MINIMUM LIGHT OUTPUT OF 75 CANDELA AND A FLASH RATE OF 1-3 HZ.
- PER NFPA72-18.4.3.1. TO MEET PUBLIC MODE AUDIBLE REQUIREMENTS, ALL SPEAKERS SHALL HAVE A SOUND LEVEL AT LEAST 15 dB ABOVE THE AVERAGE AMBIENT SOUND LEVEL.
- WALL MOUNTED SPEAKER STROBE UNITS SHALL NOT HAVE ANY OTHER DEVICES OR APPURTENANCES WITHIN 5 FEET OF THE DEVICE. THE ENTIRE LENS OF THE UNIT SHALL NOT BE LESS THAN 80", AND NOT GREATER THAN 96" ABOVE FINISHED FLOOR, WHILE MAINTAINING 6" BELOW THE CEILING. DEVICES SHALL BE FLUSH MOUNTED IN ALL FINISHED AREAS. PROVIDE DOUBLE DEEP DEVICE BOX IN WALL.
- SHUTDOWN OF HVAC SYSTEM EQUIPMENT (NOT LIMITED TO, ROOF TOP, EXHAUST FANS, ETC.) OF 1000 CFM OR GREATER, SHALL BE PERFORMED VIA A RELAY INTERFACE SYSTEM. SEND SIGNAL TO BUILDING AUTOMATED TEMPERATURE CONTROL (ATC) SYSTEM INDICATING SHUTDOWN HAS OCCURRED. EQUIPMENT RESTART SHALL BE BY BUILDING ATC SYSTEM UPON FIRE ALARM RESET TO NORMAL MODE. RESTART OF EQUIPMENT SHALL BE SEQUENTIAL.
- AFTER THE SYSTEM IS COMPLETE, TEST ALL COMPONENTS IN ACCORDANCE WITH SEQUENCE OF OPERATION PRIOR TO FIRE DEPARTMENT INSPECTION.
- ALL PULL STATIONS SHALL BE PROVIDED WITH CLEAR PROTECTIVE LEXAN COVER. COVER SHALL BE AS MANUFACTURED BY SAFETY TECHNOLOGY INTERNATIONAL INC. CAT. #STI 1100 STOPPER II.
- COORDINATE F.A. WORK WITH F.A. VENDOR.
- VERIFY EXACT QUANTITIES OF FIRE ALARM DEVICES WITH PLANS.
- ALL DEVICES SHALL BE SUPERVISED AS PER N.F.P.A. 72. PROVIDE END OF LINE RESISTORS AS REQUIRED PER INDIVIDUAL MANUFACTURER. PROVIDE LOAD RELAYS AS REQUIRED FOR PROPER OPERATION OF EQUIPMENT.
- FIRE SMOKE DAMPERS SHALL BE TIED INTO FIRE ALARM SYSTEM TO SHUT DOWN UPON SMOKE DETECTION ACTIVATION, PROVIDE ALL WIRING, RELAYS, ETC. AS REQUIRED FOR COMPLETE INSTALLATION.
- THIS CONTRACTOR IS RESPONSIBLE FOR ALL PROGRAMMING AND MAPPING OF EACH DEVICE AS REQUIRED.

FIRE ALARM RISER WORK NOTES:

- PROVIDE ALL NECESSARY EXPANSION COMPONENTS (LOOP CARDS ETC) BOOSTER POWER SUPPLIES, REMOTE BOOSTER POWER SUPPLIES, PROGRAMMING, UPDATE DATABASE TESTING, ETC.
- PROVIDE DEVICE ADDRESS WITH A PERMANENT TYPE LABEL FOR ALL INITIATING DEVICES

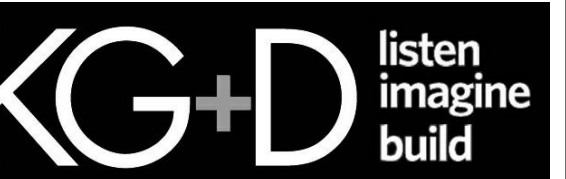


FIRE ALARM RISER DIAGRAM
(EXISTING)

LIGHT FIXTURE SCHEDULE				
TYPE	MOUNTING	LAMP	DESCRIPTION	MANUFACTURER AND PART #
B	RECESSED	30 WATTS LED UNV	2x2 RECESSED LED TYPE FIXTURE. 3500K COLOR TEMPERATURE. TEXTURED MATTE WHITE FINISH. 3850 LUMENS. 0-10V DIMMING	SPECTRUM LIGHTING FP22-ML-MK-DX-MW
B _{EM}	RECESSED	30 WATTS LED UNV	SAME AS FIXTURE "B" EXCEPT WITH AN INTEGRAL BATTERY PACK.	SPECTRUM LIGHTING FP22-ML-MK-DX-MW-EMEN
C	RECESSED	23.7 WATTS LED UNV	4" RECESSED ROUND DOWNLIGHT LED TYPE FIXTURE. 83 CRI. 3500K COLOR TEMPERATURE. 2000 LUMENS. R204FT TRIM WITH MICRO SLOTE LENS. ARCHITECT TO SPECIFY COLOR FINISH.	SPECTRUM LIGHTING RDF14XT-20L-WD-RD4FXT-SOX
C _{EM}	RECESSED	23.7 WATTS LED UNV	SAME AS FIXTURE "C" EXCEPT WITH AN INTEGRAL BATTERY PACK.	SPECTRUM LIGHTING RDF14XT-20L-WD-RD4FXT-SOX-EMEN
D	SURFACE	73 WATTS LED 120V	18" SURFACE MOUNTED DOWNLIGHT LED TYPE FIXTURE. 80 CRI. 4000K COLOR TEMPERATURE. 6092 LUMENS WITH TITANIUM GRAY COLOR FINISH. 0 - 10V DIMMING.	LUMINIS HC1615-L-4L60-120-GRT-K35-DIM
D _{EM}	SURFACE	73 WATTS LED 120V	SAME AS FIXTURE "D" EXCEPT WITH AN INTEGRAL BATTERY PACK.	LUMINIS HC1615-L-4L60-120-GRT-K35-DIM-EMEN
E	RECESSED	70.4 WATTS LED 120V	8" RECESSED, FLUSHED LED TYPE FIXTURE MOUNTED WITH 15/16" T-BAR. 90 CRI. 3500K COLOR TEMPERATURE. 6000 LUMENS WITH WHITE COLOR FINISH.	AXIS LIGHTING BMRLD-750-90-35-FL-8-W-120-TB15
E _{EM}	RECESSED	70.4 WATTS LED 120V	SAME AS FIXTURE "E" EXCEPT WITH AN INTEGRAL BATTERY PACK.	AXIS LIGHTING BMRLD-750-90-35-FL-8-W-120-TB15-E
F	RECESSED	67.2 WATTS LED UNV	8" RECESSED LED TYPE FIXTURE WITH LUM. END CAP. MOUNTED WITH 15/16" T-BAR. 90 CRI. 3500K COLOR TEMPERATURE. 3900 LUMENS. WHITE COLOR FINISH. 0-10V DIMMING.	AXIS LIGHTING BMRLD-650-80-35-1.25M-8-W-U-DP-TG15
F _{EM}	RECESSED	67.2 WATTS LED UNV	SAME AS FIXTURE "F" EXCEPT WITH AN INTEGRAL BATTERY PACK.	AXIS LIGHTING BMRLD-650-80-35-1.25M-8-W-U-DP-TG15-E
F ₁	RECESSED	50.4 WATTS LED UNV	6" RECESSED LED TYPE FIXTURE WITH LUM. END CAP. MOUNTED WITH 15/16" T-BAR. 90 CRI. 3500K COLOR TEMPERATURE. 3900 LUMENS. WHITE COLOR FINISH. 0-10V DIMMING.	AXIS LIGHTING BMRLD-650-80-35-1.25M-6-W-U-DP-TG15
F _{1EM}	RECESSED	50.4 WATTS LED UNV	SAME AS FIXTURE "F1" EXCEPT WITH AN INTEGRAL BATTERY PACK.	AXIS LIGHTING BMRLD-650-80-35-1.25M-6-W-U-DP-TG15-E
F ₂	RECESSED	33.6 WATTS LED UNV	4" RECESSED LED TYPE FIXTURE WITH LUM. END CAP. MOUNTED WITH 15/16" T-BAR. 90 CRI. 3500K COLOR TEMPERATURE. 2600 LUMENS. WHITE COLOR FINISH. 0-10V DIMMING.	AXIS LIGHTING BMRLD-650-80-35-1.25M-4-W-U-DP-DF
F _{2EM}	RECESSED	33.6 WATTS LED UNV	SAME AS FIXTURE "F2" EXCEPT WITH AN INTEGRAL BATTERY PACK.	AXIS LIGHTING BMRLD-650-80-35-1.25M-4-W-U-DP-DF-E
F ₃	RECESSED	33.6 WATTS LED UNV	4" RECESSED LED TYPE FIXTURE WITH LUM. END CAP. MOUNTED WITH 15/16" T-BAR. 90 CRI. 3500K COLOR TEMPERATURE. 2600 LUMENS. WHITE COLOR FINISH. 0-10V DIMMING.	AXIS LIGHTING BMRLD-650-80-35-1.25M-4-W-U-DP-TG15
F _{3EM}	RECESSED	33.6 WATTS LED UNV	SAME AS FIXTURE "F3" EXCEPT WITH AN INTEGRAL BATTERY PACK.	AXIS LIGHTING BMRLD-650-80-35-1.25M-4-W-U-DP-TG15-E
F ₄	RECESSED	33.6 WATTS LED UNV	4" RECESSED LED TYPE FIXTURE WITH LUM. END CAP. MOUNTED WITH 15/16" T-BAR. 90 CRI. 3500K COLOR TEMPERATURE. 2600 LUMENS. WHITE COLOR FINISH. 0-10V DIMMING.	AXIS LIGHTING BMRLD-650-80-35-1.25M-4-W-U-DP-DF
F _{4EM}	RECESSED	33.6 WATTS LED UNV	SAME AS FIXTURE "F4" EXCEPT WITH AN INTEGRAL BATTERY PACK.	AXIS LIGHTING BMRLD-650-80-35-1.25M-4-W-U-DP-DF-E
G	PENDANT	22 WATTS LED UNV	18" PENDANT LED TYPE FIXTURE. 3500K COLOR TEMPERATURE. 2724 LUMENS. WHITE RAL 9010 MATTE FINISH WITH FURNISHED WHITE CABLE.	INTERLUX P-18-M-835-U-SW-21-WC
G _{EM}	PENDANT	22 WATTS LED UNV	SAME AS FIXTURE "G" EXCEPT WITH AN INTEGRAL BATTERY PACK.	INTERLUX P-18-M-835-U-SW-21-WC-E
G ₁	SURFACE	30 WATTS LED UNV	22" SURFACE MOUNTED LED TYPE FIXTURE. 3500K COLOR TEMPERATURE. 3715 LUMENS. ARCHITECT TO SPECIFY COLOR FINISH. WITH FURNISHED WHITE CABLE.	INTERLUX S-22-M-835-U-SW-22-WC
G _{1EM}	SURFACE	30 WATTS LED UNV	SAME AS FIXTURE "G1" EXCEPT WITH AN INTEGRAL BATTERY PACK.	INTERLUX S-22-M-835-U-SW-22-WC
G ₂	SURFACE	18 WATTS LED UNV	15" SURFACE MOUNTED LED TYPE FIXTURE. 3500K COLOR TEMPERATURE. 2239 LUMENS. ARCHITECT TO SPECIFY COLOR FINISH. WITH FURNISHED WHITE CABLE.	INTERLUX S-15-M-835-U-SW-22-WC
G _{2EM}	SURFACE	18 WATTS LED UNV	SAME AS FIXTURE "G2" EXCEPT WITH AN INTEGRAL BATTERY PACK.	INTERLUX S-15-M-835-U-SW-22-WC
G ₃	SURFACE	33 WATTS LED UNV	30" SURFACE MOUNTED LED TYPE FIXTURE. 3500K COLOR TEMPERATURE. 4400 LUMENS. ARCHITECT TO SPECIFY COLOR FINISH. WITH FURNISHED WHITE CABLE.	INTERLUX S-30-L-835-U-SW-22-WC
G _{3EM}	SURFACE	33 WATTS LED UNV	SAME AS FIXTURE "G3" EXCEPT WITH AN INTEGRAL BATTERY PACK.	INTERLUX S-30-L-835-U-SW-22-WC
J	RECESSED	54 WATTS LED UNV	3" ROUND LED TYPE FIXTURE. 3500K COLOR TEMPERATURE. 80CRI. 1500 LUMENS WITH MEDIUM BEAM OPTIC. 0-10V DIMMER. 12" EXPANDABLE BARS. DOWNLIGHT SHALLOW TRIM WITH MATTE WHITE FINISH.	SPECTRUM LIGHTING SR3MO-15L-35-MD-DO101-H12-RD3F-15L-35K-MD-MW-MF-NL
J _{EM}	RECESSED	54 WATTS LED UNV	SAME AS FIXTURE "J" EXCEPT WITH AN INTEGRAL BATTERY PACK.	SPECTRUM LIGHTING SR3MO-15L-35-MD-DO101-H12-RD3F-15L-35K-MD-MW-MF-NL
K	RECESSED	6 WATTS LED UNV	18"x3" VANITY LED TYPE FIXTURE. 3500K COLOR TEMPERATURE. 90 CRI. 263 LUMENS. DOWNLIGHT, WITH CHROME FINISH.	WAC LIGHTING WS-73117-35-CH
K _{EM}	RECESSED	6 WATTS LED UNV	SAME AS FIXTURE "K" EXCEPT WITH AN INTEGRAL BATTERY PACK.	WAC LIGHTING WS-73117-35-CH-E
N	SURFACE	210 WATTS LED UNV	20"x1" VERTICAL WALL LED TYPE FIXTURE. 3500K COLOR TEMPERATURE. STANDARD OUTPUT. 90 CRI. 17000 LUMENS. SINGLE CIRCUIT. NON-DIMMING.	PRUDENTIAL LTG. PCG-LED35-SO-R20-SC-UNV-ND
N _{EM}	SURFACE	210 WATTS LED UNV	20"x1" VERTICAL WALL LED TYPE FIXTURE. 3500K COLOR TEMPERATURE. STANDARD OUTPUT. 90 CRI. 17000 LUMENS. SINGLE CIRCUIT. NON-DIMMING.	PRUDENTIAL LTG. PCG-LED35-SO-R20-SC-UNV-ND-EMHE
EXIT LIGHT	SURFACE	9W UNV	LED EXIT LIGHTS. STEEL HOUSING. NUMBER OF FACES AND DIRECTIONAL ARROWS AS INDICATED ON PLANS. SELF POWERED MODEL WITH 90 MINUTE BATTERY.	ENCORE LIGHTING #LSE-6-R-1/U

**MEADOW POND
ES ADDITIONS +
ALTERATIONS**

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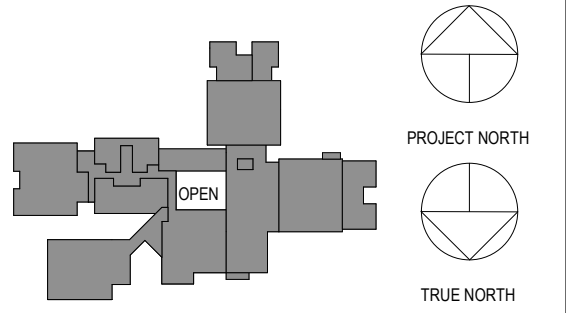
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CONSTRUCTION DOCUMENTS -
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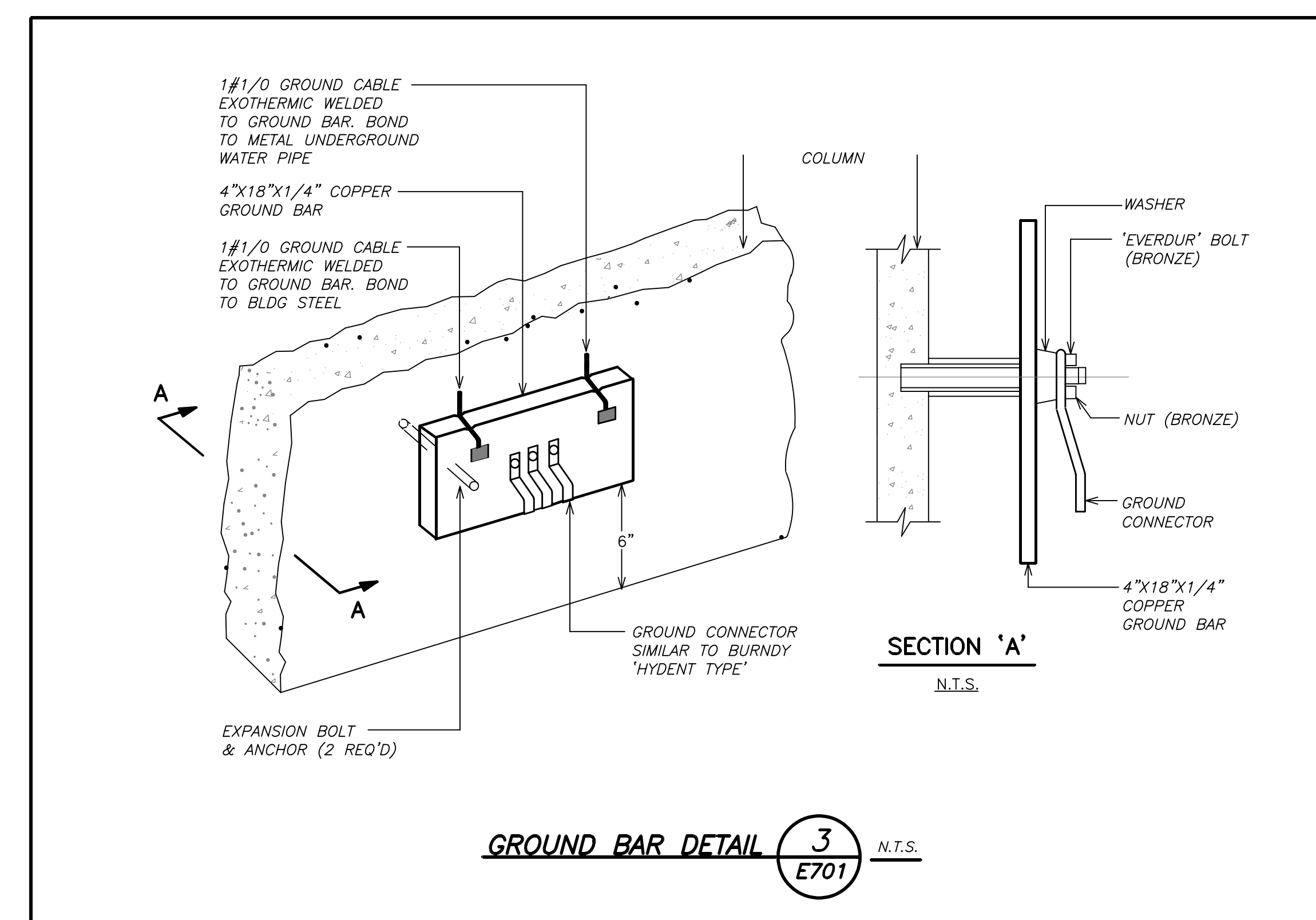
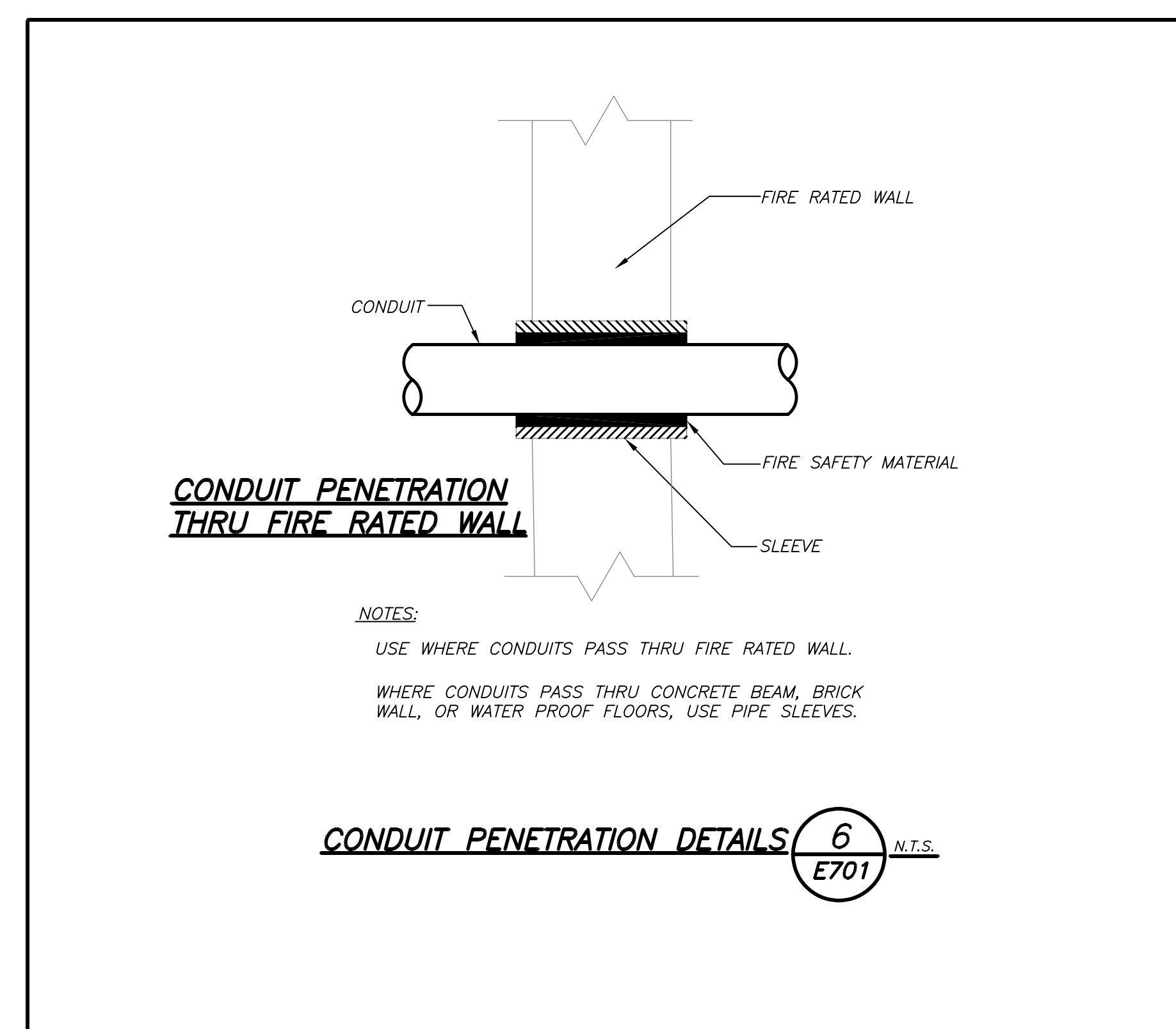
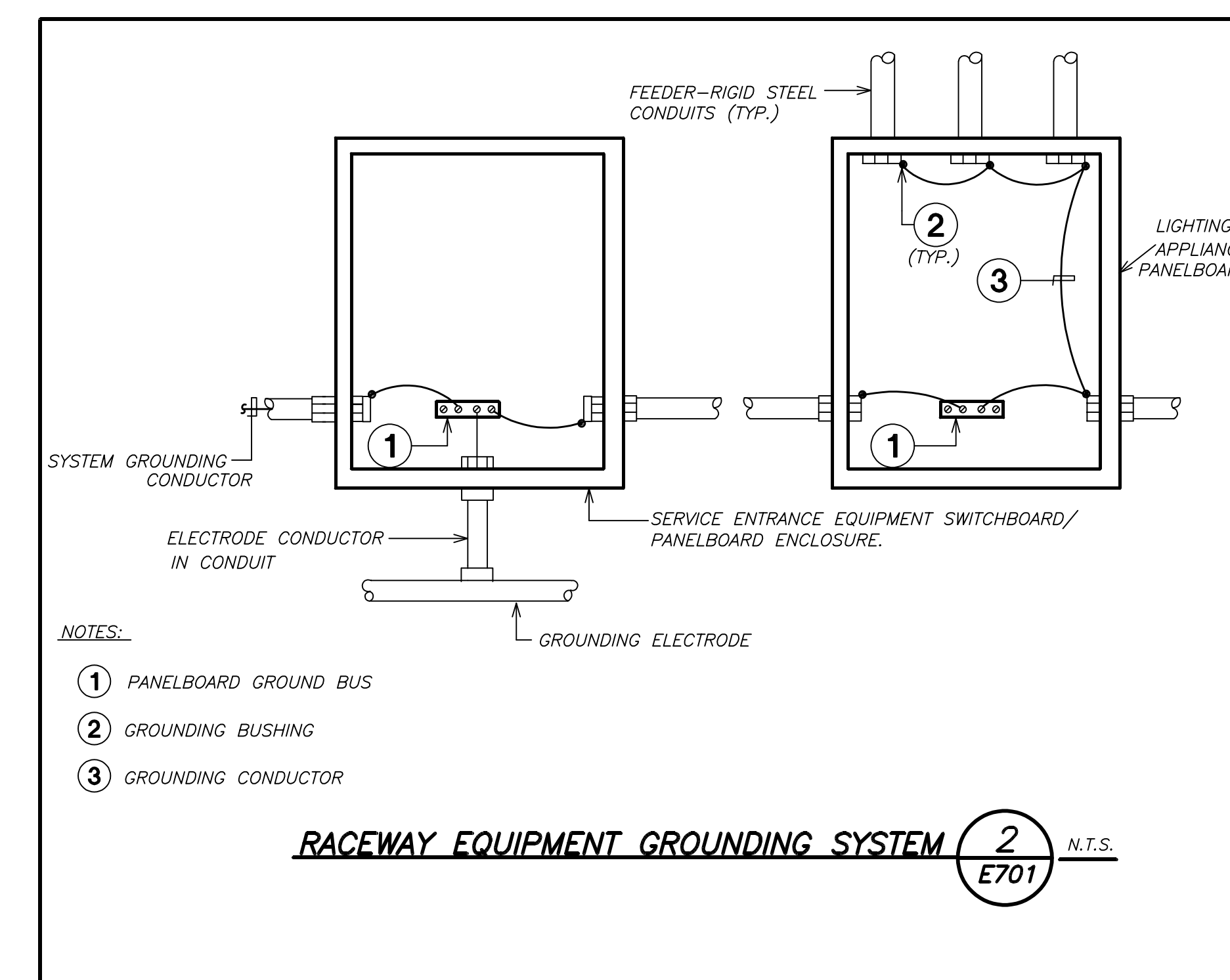
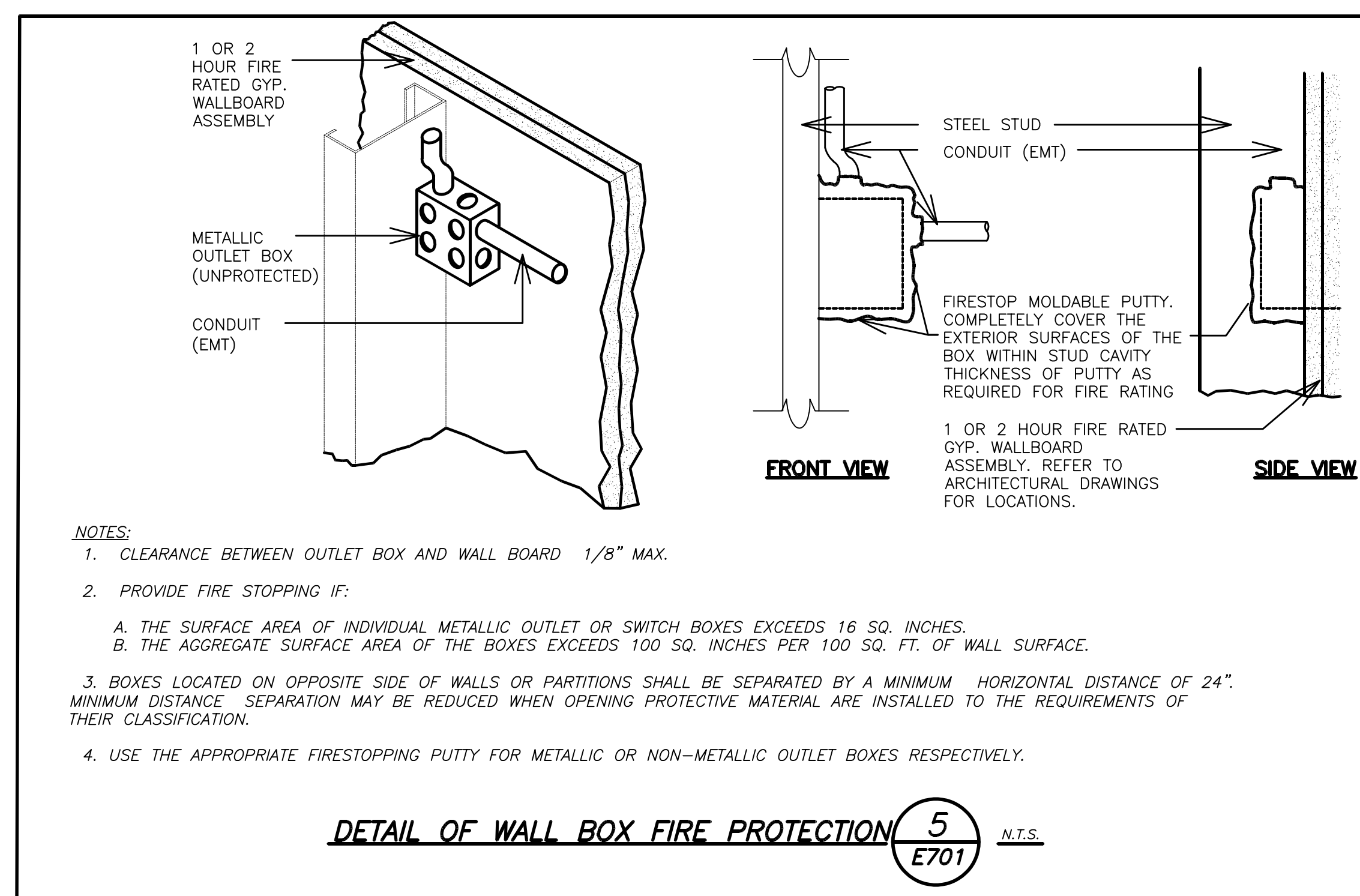
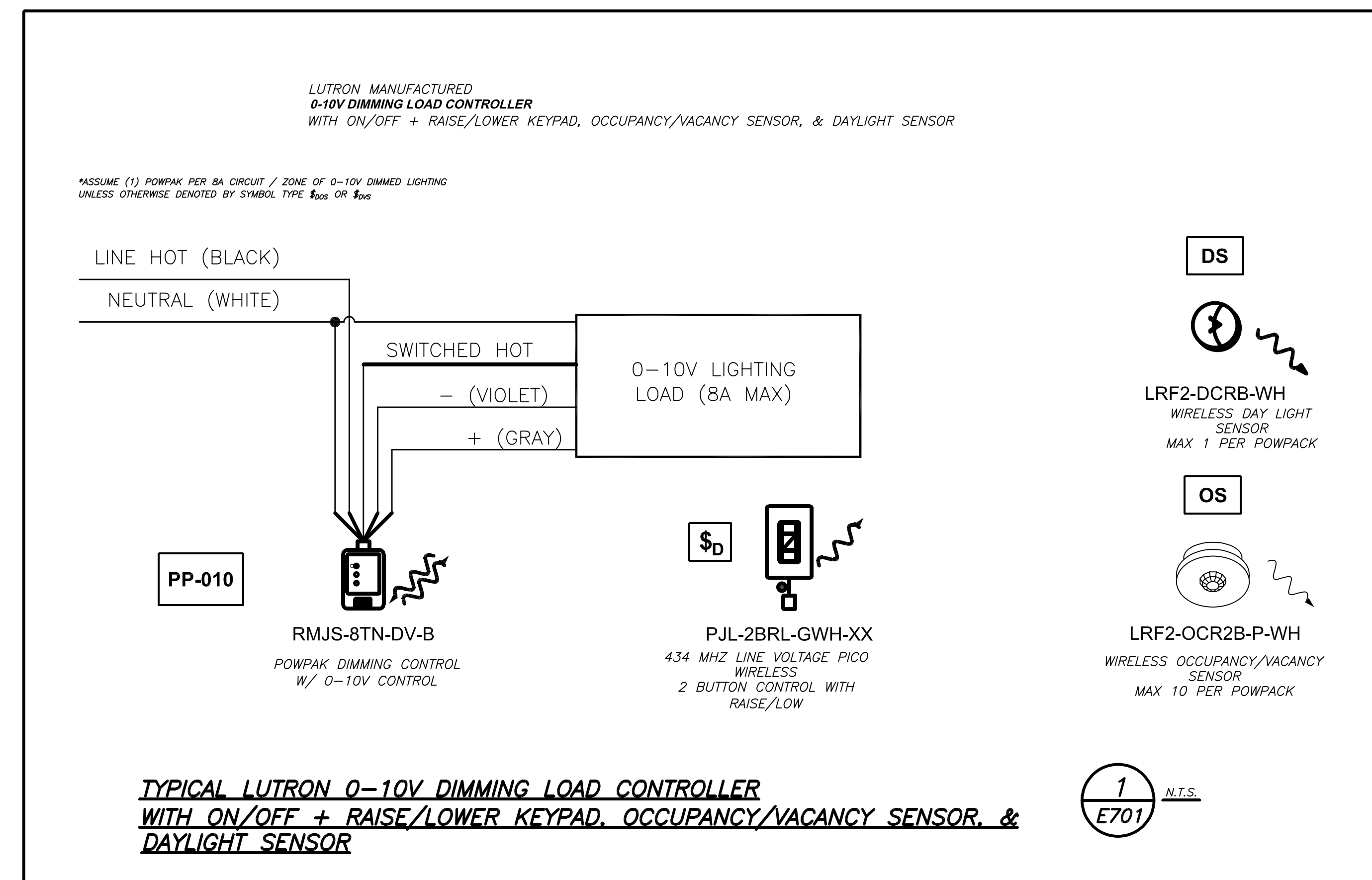
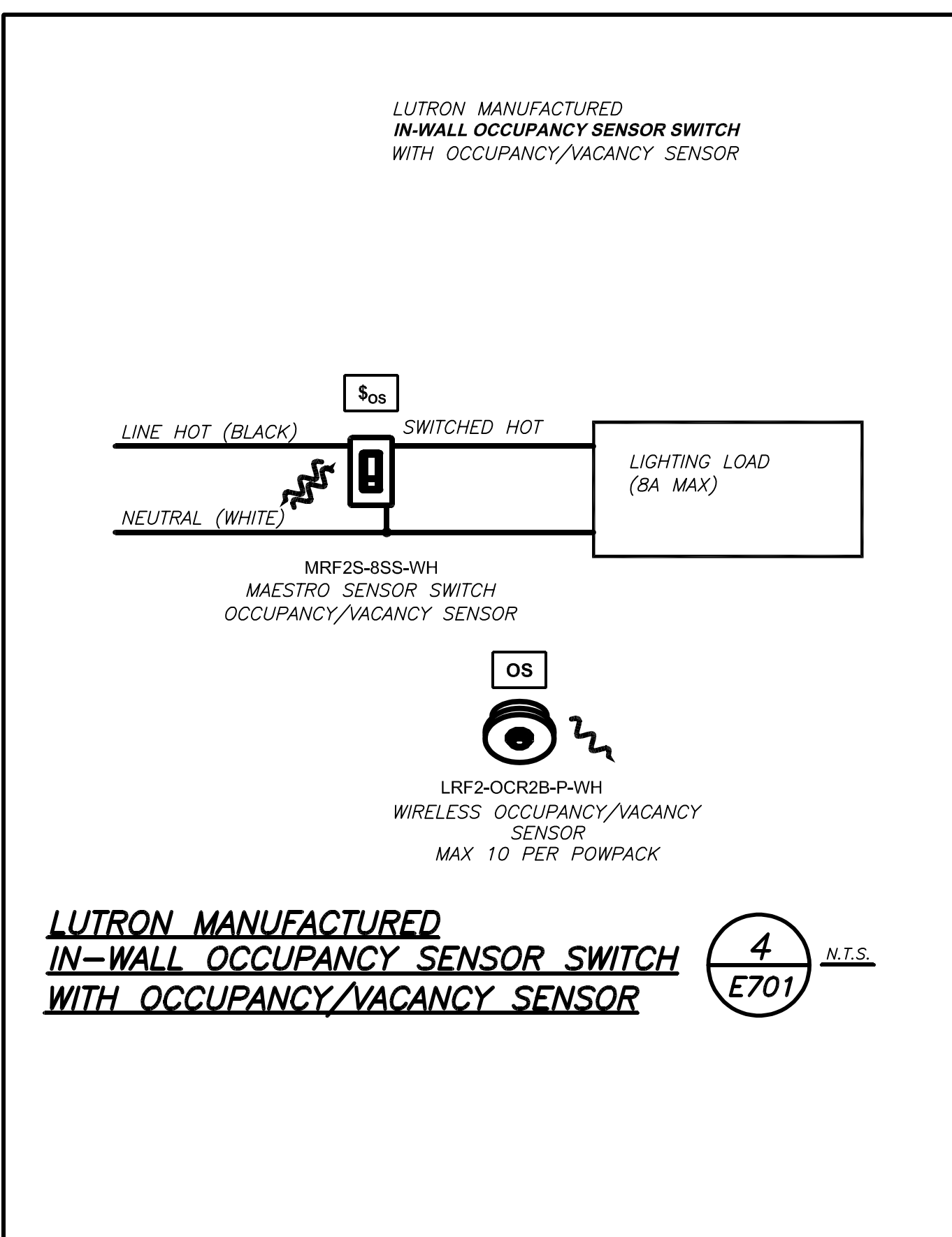
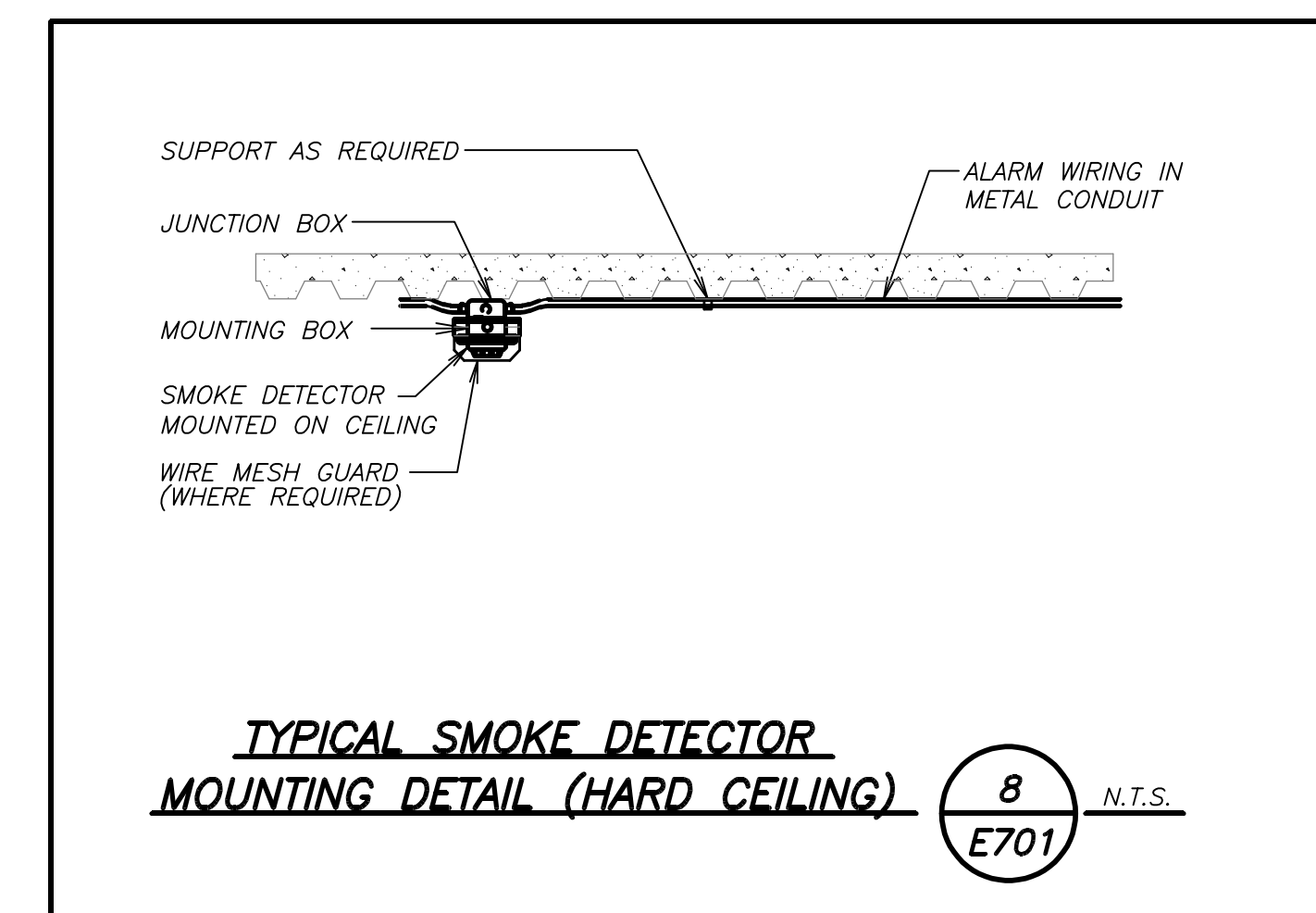
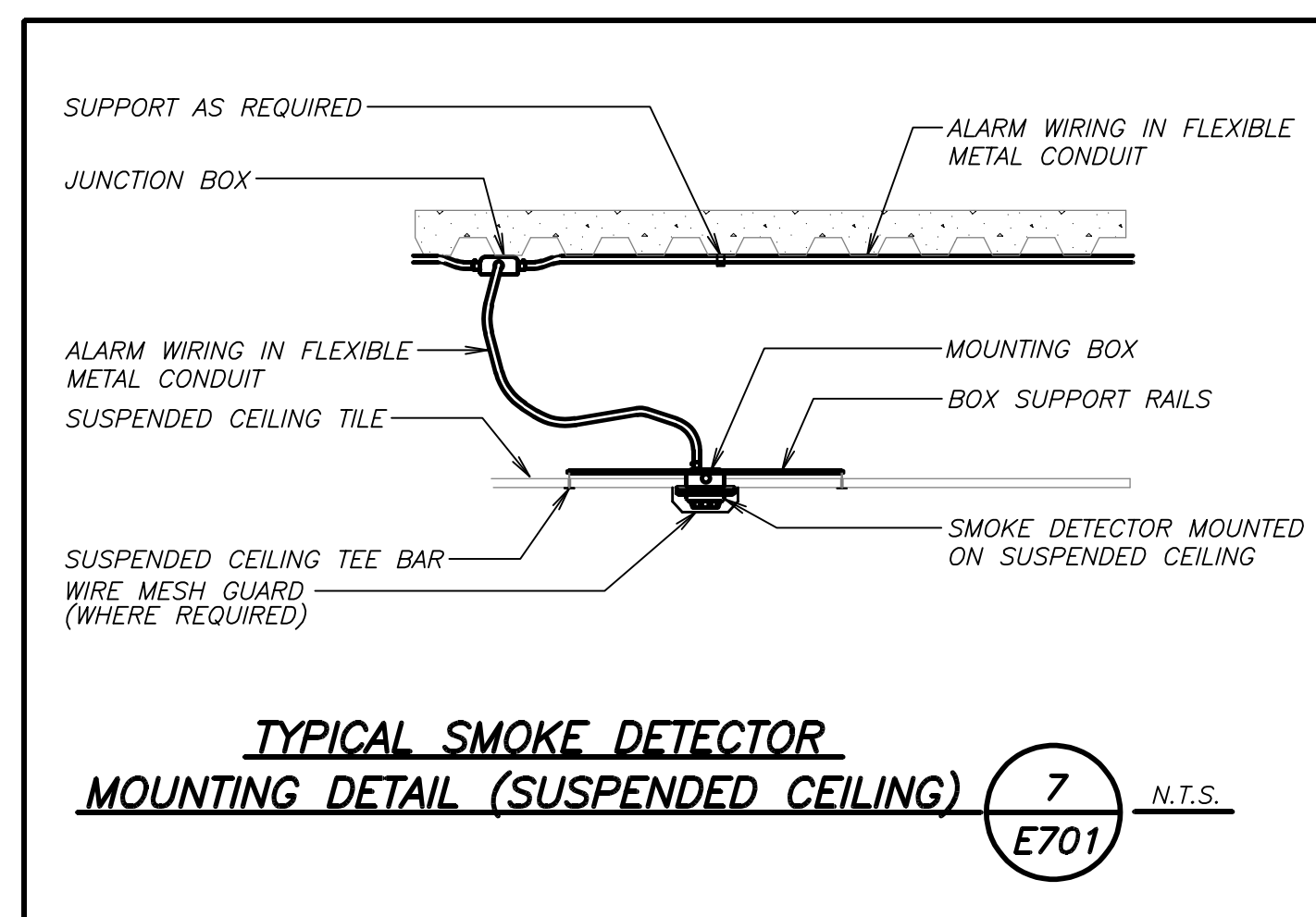
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No.	Date	Issue

Sheet Title

LIGHTING SCHEDULE

Job No.	2023-1059	Date	03/21/2024
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Sheet Number	E601		

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**MEADOW POND
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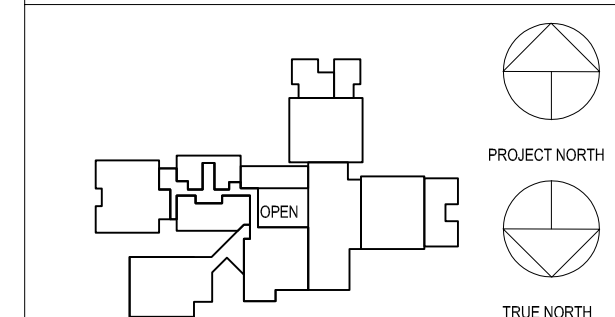
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NY SED PROJECT CONTROL NUMBER
66-01-01-03-0-007-016

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**ELECTRICAL
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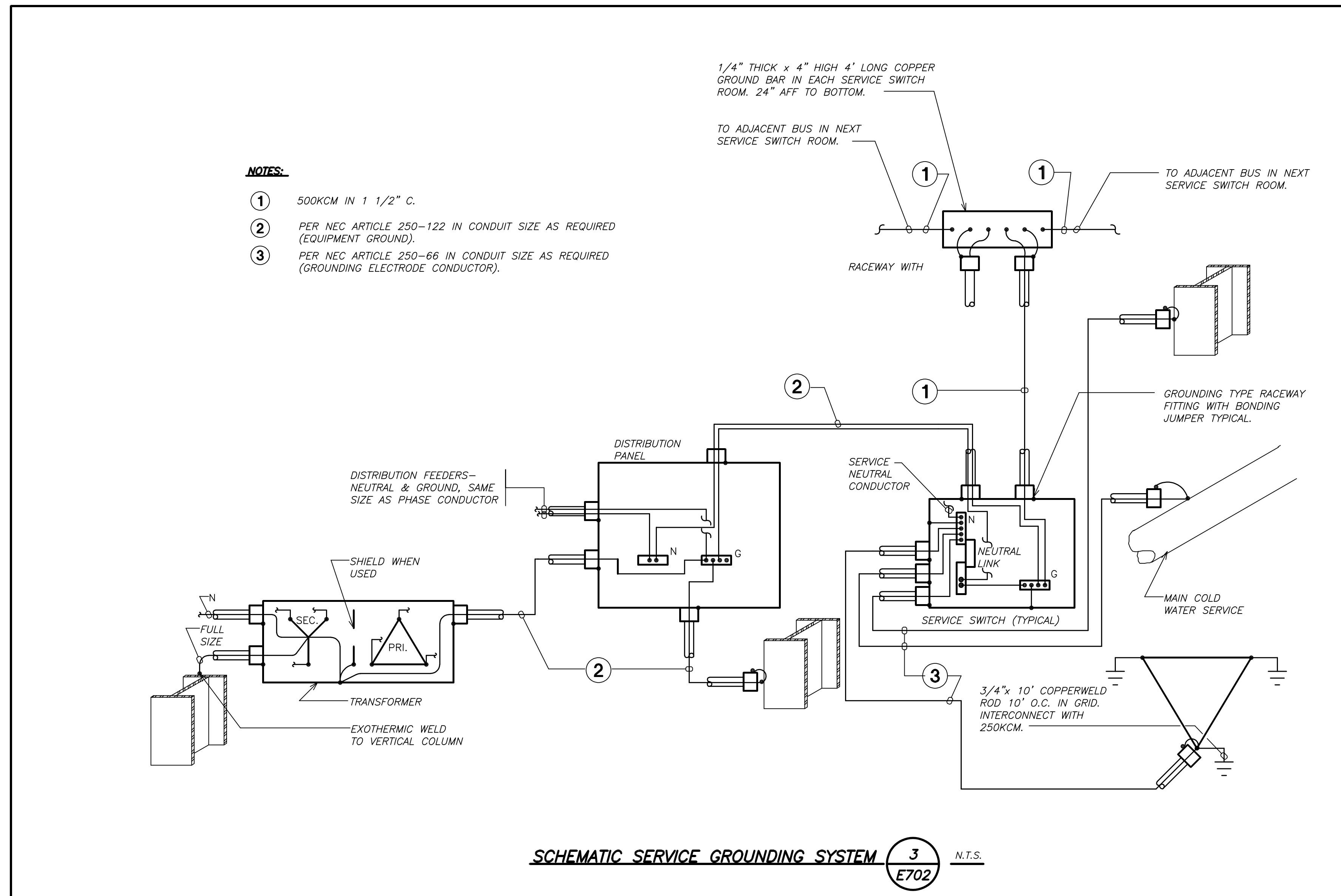
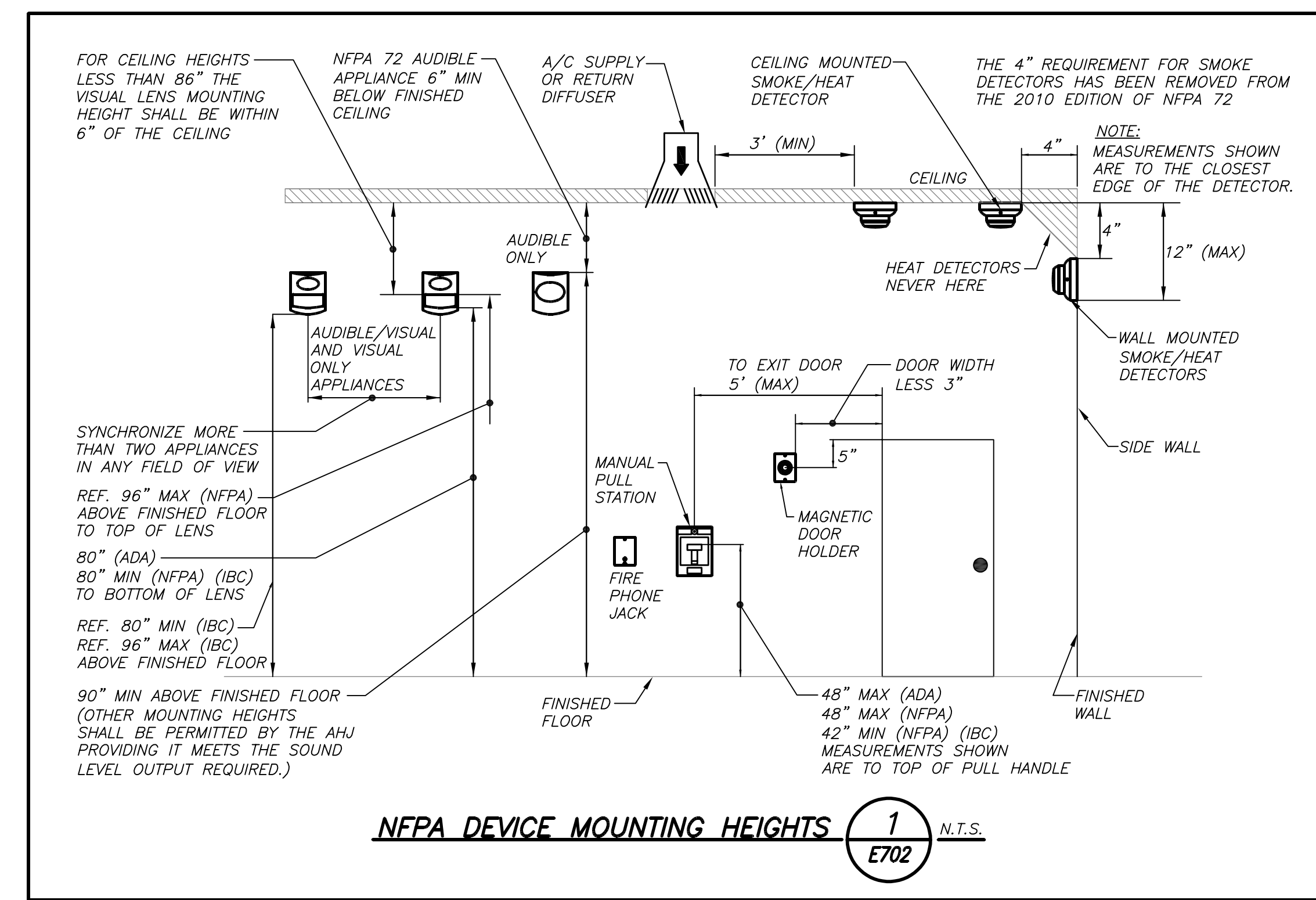
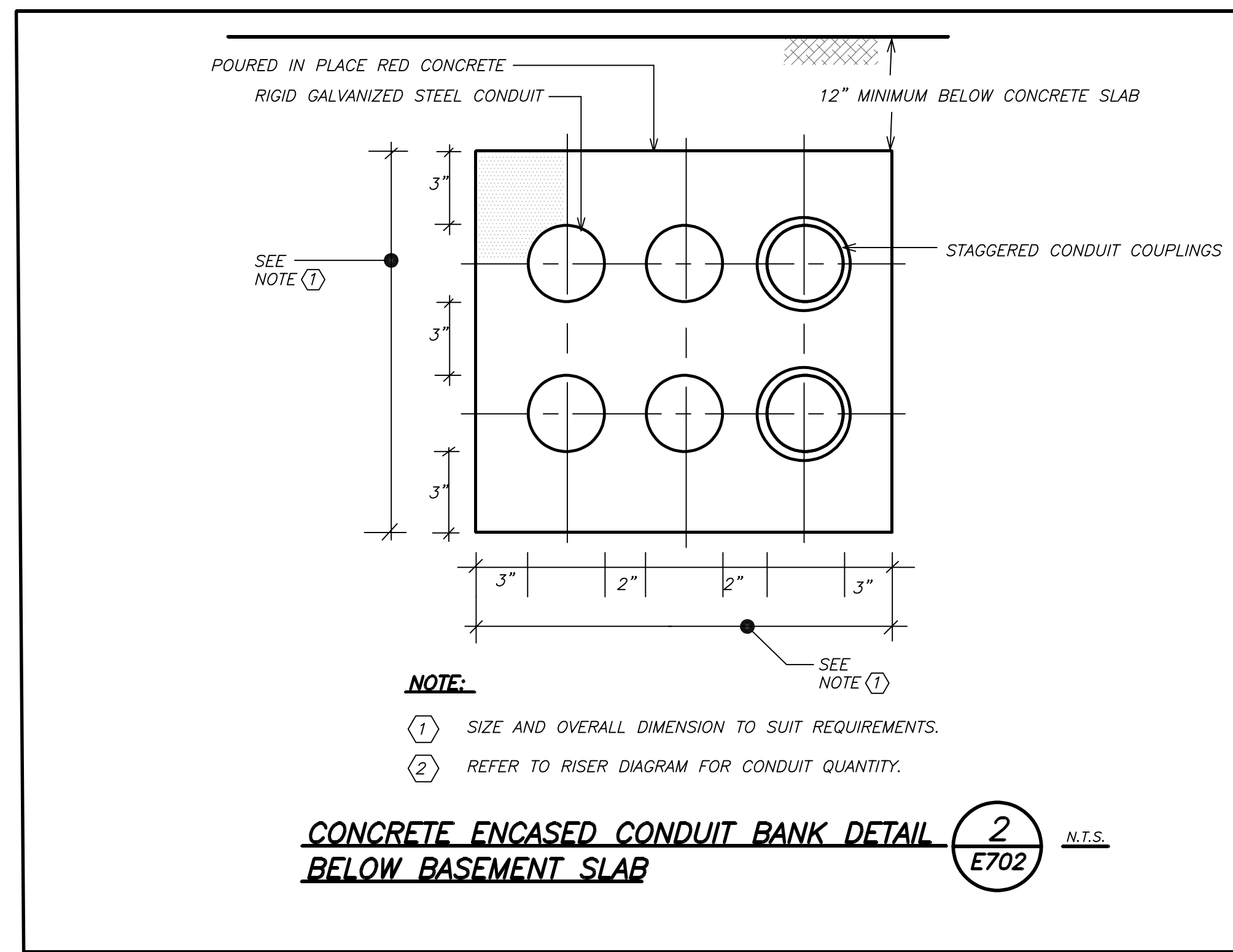
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Sheet Number

E701

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ALTERATIONS**

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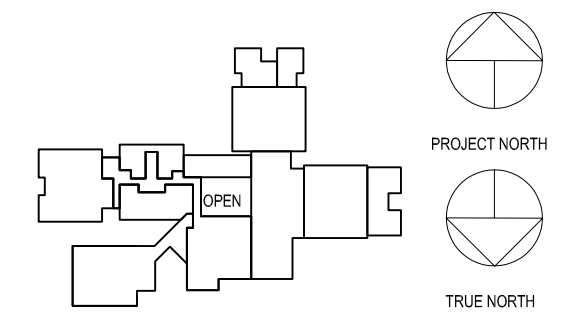
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CONSTRUCTION DOCUMENTS -
NYS ED



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**ELECTRICAL
DETAILS**

Job No.	2023-1017	Date	03/21/2024
Scale	AS NOTED	Drawn / Checked	BGA/BGA

Sheet Number
E702

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