

VALLEY CENTRAL SCHOOL DISTRICT MAYBROOK ALTERNATIVE LEARNING CENTER 2023 CAPITAL PROJECT - PHASE 1

ISSUED FOR BID: 10/18/24

CSARCH - ARCHITECTS
BLAKE ENGINEERING, PLLC - M.E.P. ENGINEERS
PASSERO ASSOCIATES - SITE/CIVIL AND STRUCTURAL ENGINEERS
AECC ENVIRONMENTAL CONSULTING - HAZARDOUS MATERIALS DESIGNERS

STATE EDUCATION DEPARTMENT PROJECT CONTROL NUMBER:
2023 CAPITAL PROJECT - PHASE 1 44-13-01-06-0-002-013
THE DESIGN OF THIS PROJECT CONFORMS TO APPLICABLE PROVISIONS OF THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE, THE NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE, AND THE MANUAL OF PLANNING STANDARDS OF THE NEW YORK STATE EDUCATION DEPARTMENT.

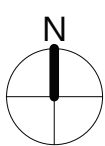
CSArch PROJECT NO. 187-2302.01



Maybrook Alternative Learning Center
141 Union St.
Montgomery, NY 12549

VICINITY MAP

NTS

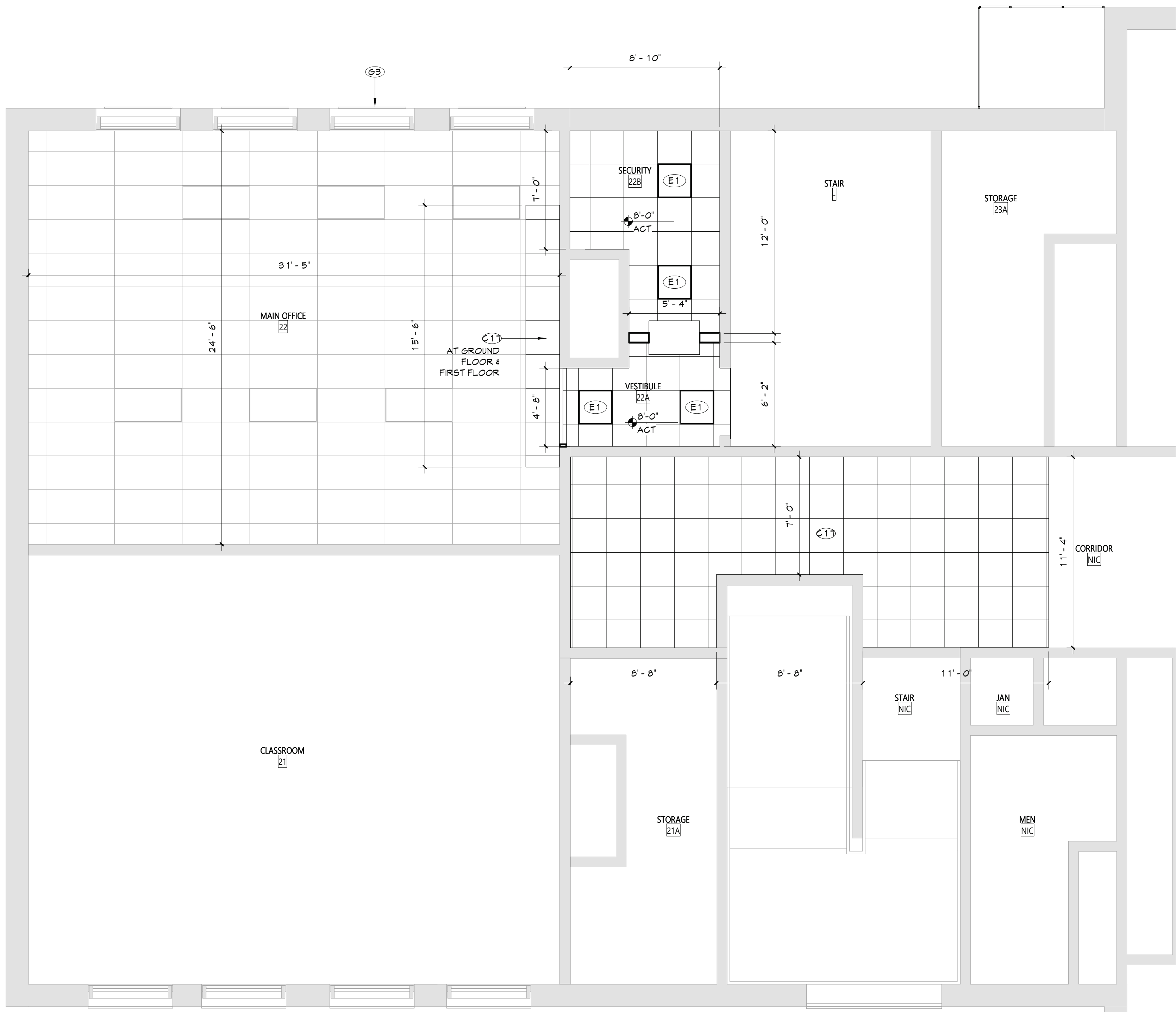
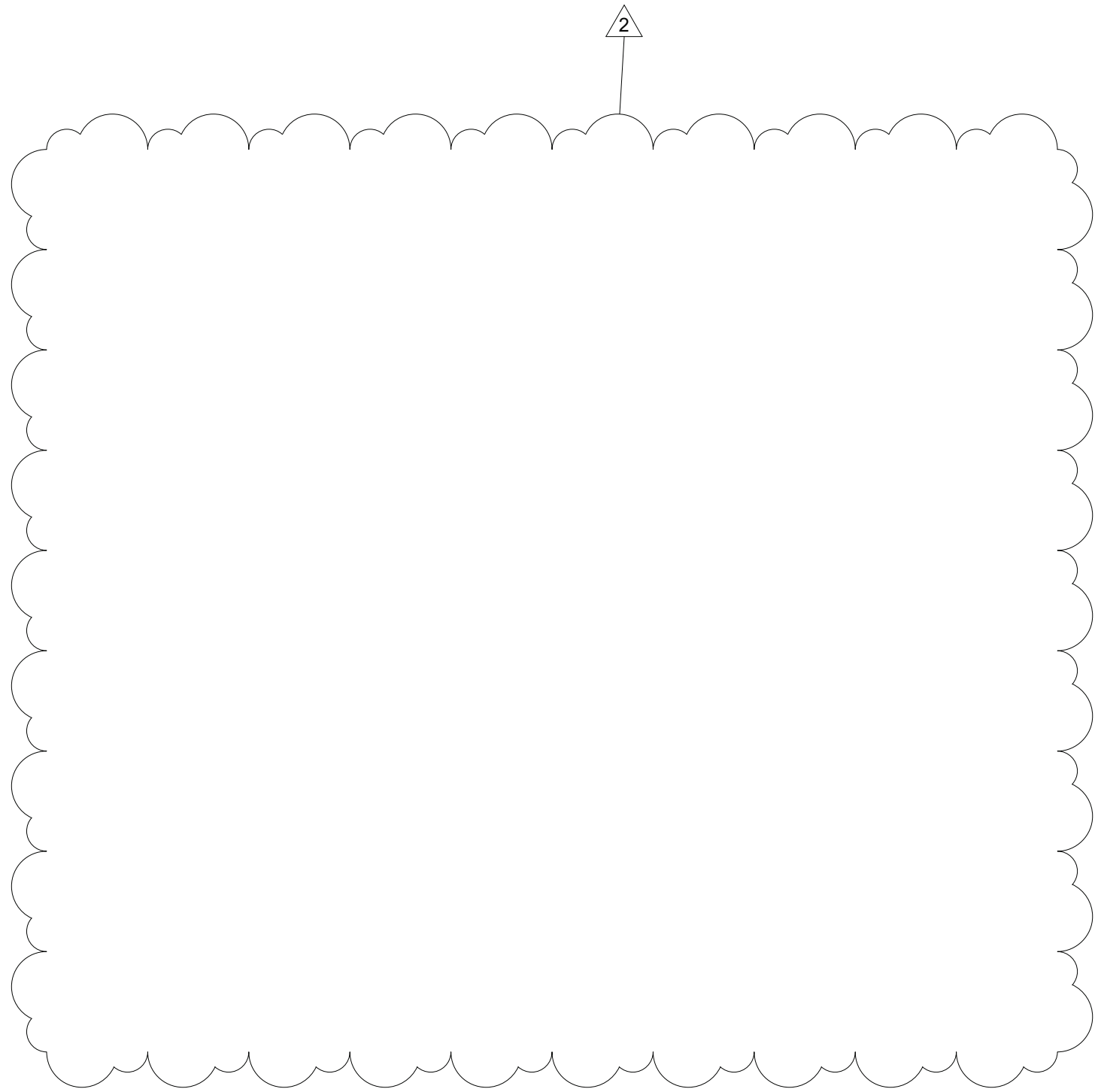


DRAWING LIST	
GENERAL DRAWINGS	
MAY G000	COVER & SHEET INDEX
MAY G001	SYMBOLS, ABBREVIATIONS, MISC. AND PARTITION TYPES
MAY G111	OVERALL FLOOR PLAN - FIRST FLOOR
LIFE SAFETY DRAWINGS	
MAY LS111	LIFE SAFETY PLAN - FIRST FLOOR
MAY LS112	SMOKE ZONE PLANS
ARCHITECTURAL DEMOLITION DRAWINGS	
MAY AD121	ENLARGED REMOVAL PLAN - FIRST FLOOR - AREA A
MAY AD821	REFLECTED CEILING REMOVAL PLAN - FIRST FLOOR - AREA A
ARCHITECTURAL DRAWINGS	
MAY A121	ENLARGED FLOOR PLAN - FIRST FLOOR - AREA A
MAY A821	REFLECTED CEILING PLAN - FIRST FLOOR - AREA A
MAY A901	DOOR & WINDOW DETAILS
ARCHITECTURAL FINISH DRAWINGS	
MAY AF001	SIGNAGE TYPES AND SCHEDULE
MAY AF121	MATERIAL SCHEDULE & FINISH FLOOR PLAN - AREA A
FURNITURE DRAWINGS	
MAY FE121	PARTIAL FLOOR FURNITURE PLAN - FIRST FLOOR - AREA A
MECHANICAL GENERAL DRAWINGS	
MAY M001	MECHANICAL NOTES, LEGENDS, SCHEDULES & DETAILS
MECHANICAL DEMOLITION DRAWINGS	
MAY MD111	MECHANICAL DEMOLITION PLAN
MECHANICAL DRAWINGS	
MAY M111	MECHANICAL PLAN
ELECTRICAL GENERAL DRAWINGS	
MAY E001	ELECTRICAL NOTES, LEGENDS, SCHEDULES & DETAILS
ELECTRICAL DEMOLITION DRAWINGS	
MAY ED111	ELECTRICAL DEMOLITION PLAN
ELECTRICAL DRAWINGS	
MAY E111	ELECTRICAL PLAN



EXPIRATION DATE: 02/28/2025

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1 AREA A - PARTIAL FIRST FLOOR RCP
1/4" = 1'-0"

CEILING NOTES

1. INSTALL CEILING GRIDS CENTERED IN THE ROOM, UNO, IN ROOMS OTHER THAN RECTANGULAR SHAPED, INSTALL GRIDS CENTERED ON WALLS OR OTHER BUILT FEATURES AS INDICATED.
2. INSTALLATION HEIGHTS OF THE CEILINGS MAY VARY SLIGHTLY FROM PLANS IN ROOMS WITH EXTERIOR WINDOWS. ACTUAL CEILING HEIGHT TO BE VERIFIED IN THE FIELD.
3. FINAL INSTALLED CEILINGS SHALL HAVE HEIGHTS COORDINATED WITH OTHER CONTRACTORS WITH ABOVE CEILING WORK AND VERIFIED WITH FIELD CONDITIONS. ALL CHANGES IN CONFIGURATION OR HEIGHTS ARE TO BE APPROVED BY THE ARCHITECT.

CEILING LEGEND

- 6WB OR PLASTER CEILING, REFER TO DETAILS AND ROOM FINISH SCHEDULE
- SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM
- CEILING HEIGHT ABOVE FINISHED FLOOR

ELECTRICAL EQUIPMENT, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

- 2'x4' LIGHT FIXTURE
- 2'x2' LIGHT FIXTURE
- 1'x LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- RECESSED DOWN LIGHT
- CEILING MOUNTED EXIT SIGN
- CEILING MOUNTED OCCUPANCY SENSOR
- CEILING MOUNTED SMOKE DETECTOR
- CEILING MOUNTED HEAT DETECTOR
- CEILING MOUNTED PA SPEAKER
- CEILING MOUNTED SECURITY J-BOX
- CEILING MOUNTED MOTION SENSOR
- CEILING MOUNTED DATA J-BOX

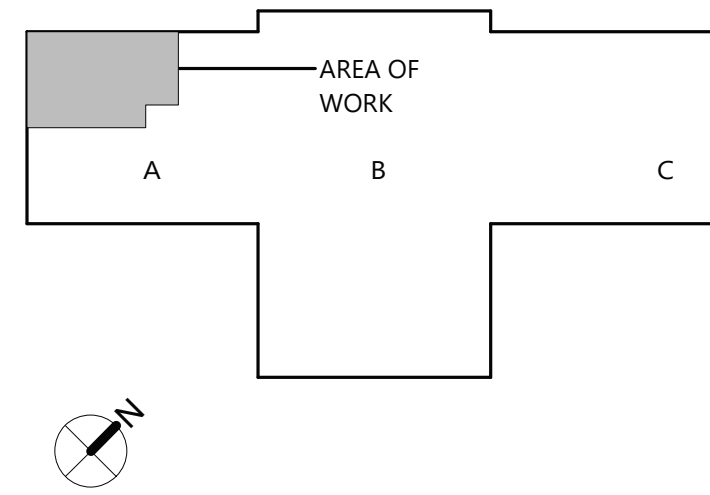
MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

- HVAC SUPPLY GRILLE
- HVAC RETURN GRILLE

NEW WORK KEYNOTES

#	Description
C17	REINSTALL CEILING WHERE PREVIOUSLY REMOVED.
E1	LIGHTING REFER TO ELECTRICAL DRAWINGS.
G3	MODIFY EXISTING TRANSOM PANEL, INSTALL NEW LOUVER INTO TRANSOM PANEL AND REINSTALL TRANSOM PANEL AND LOUVER INTO EXISTING OPENING.

KEY PLAN



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19 Front St., Newburgh, New York 12550-7601
845.561.3379 www.csarchitect.com

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EXPIRATION DATE: 02/28/2025

#	DATE	BID ADDENDUM #	DESCRIPTION
2	11/1/24		
1			

Drawn By:	Author:
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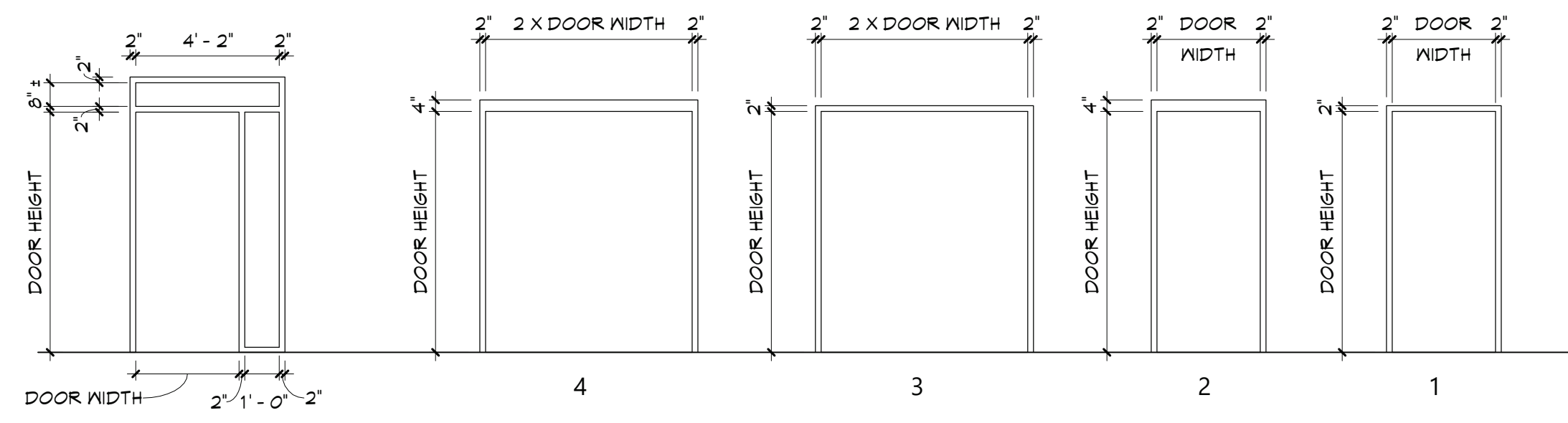
Sheet Title

REFLECTED
CEILING PLAN
- FIRST FLOOR
- AREA A

Sheet No.

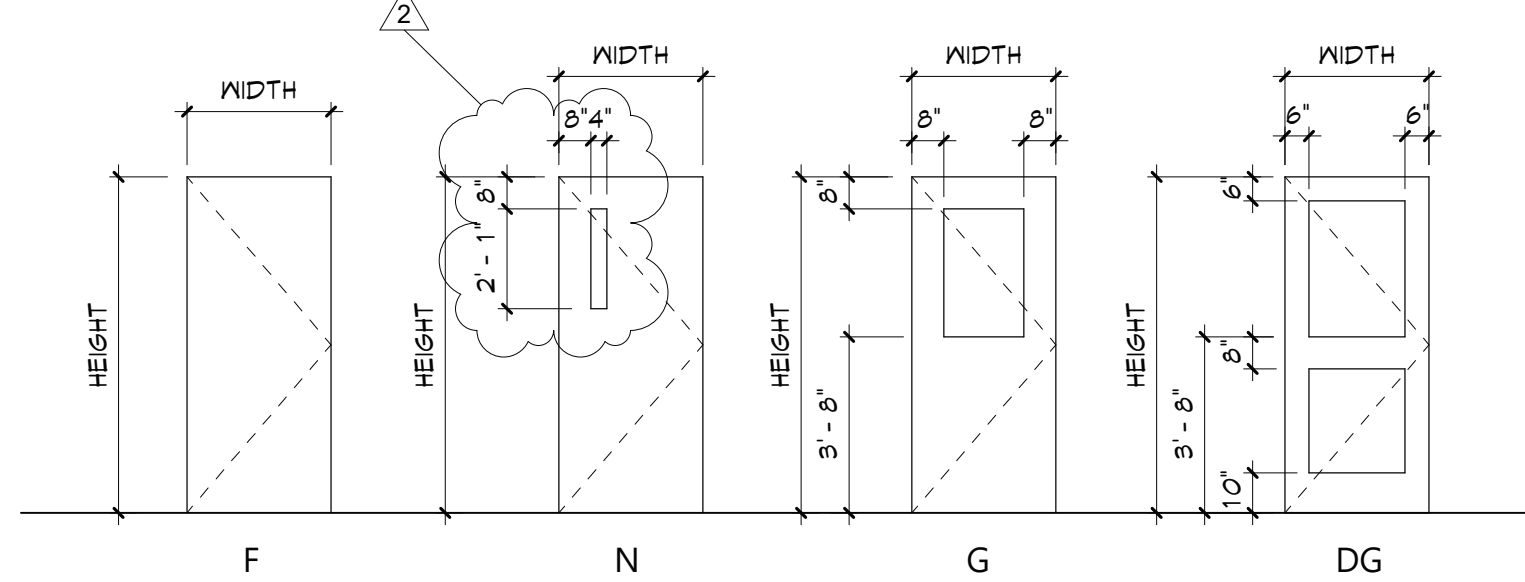
MAY
A821

CONSTRUCTION DOCUMENTS



DOOR FRAME TYPES

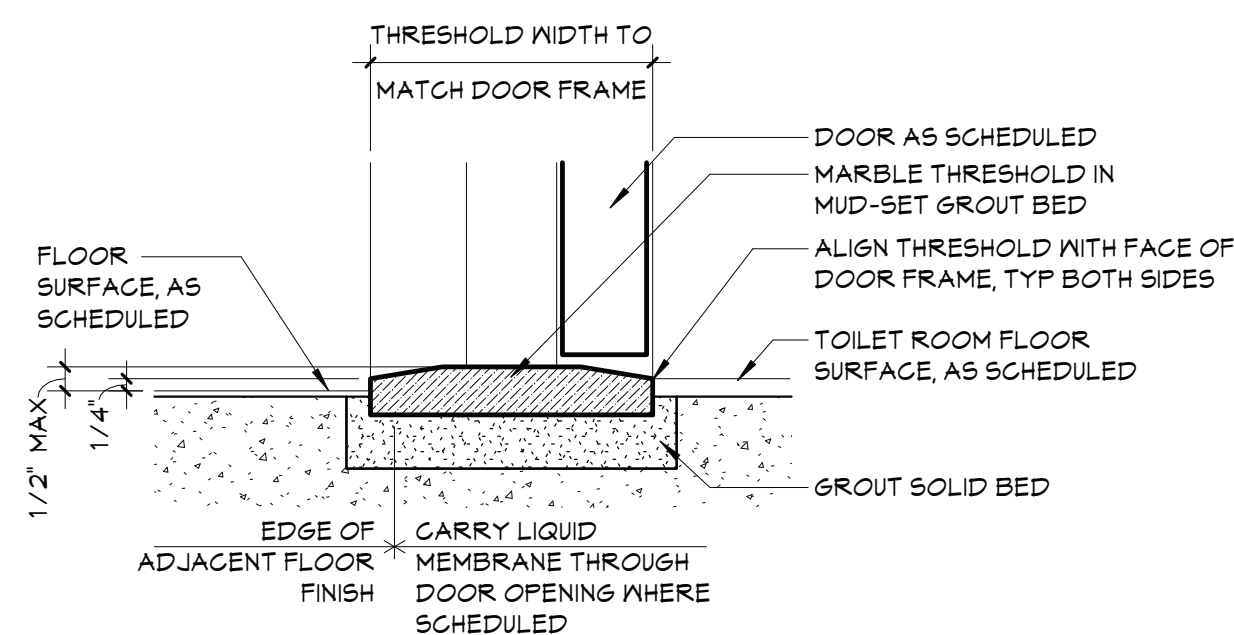
1/4" = 1'-0"



DOOR TYPES

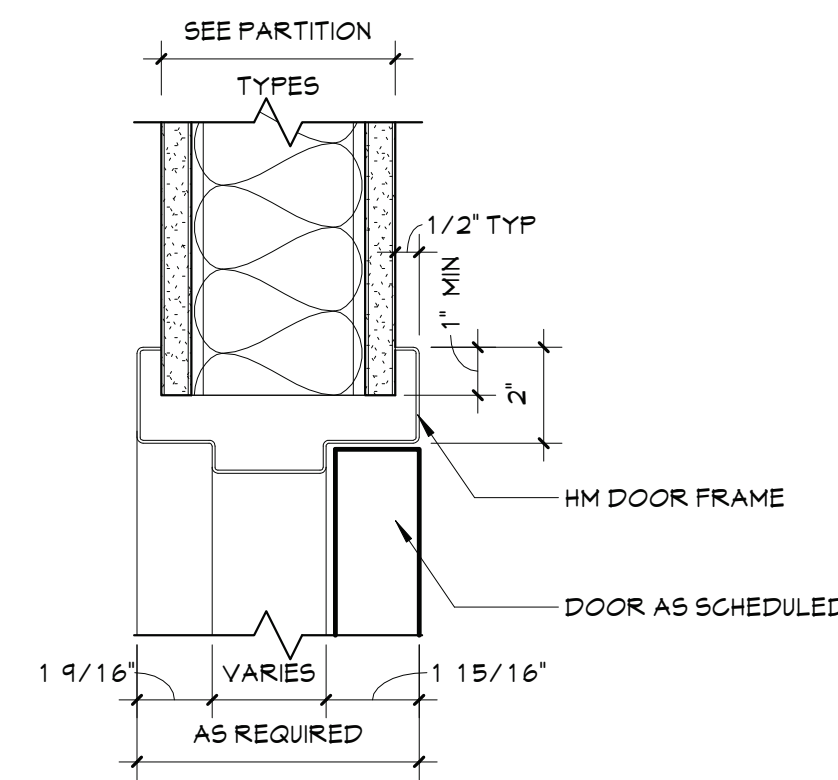
1/4" = 1'-0"

DOOR SCHEDULE																					
DOOR NUMBER	DOOR																		FRAME		DOOR NUMBER
	QUANTITY	FROM		TO		WIDTH	HEIGHT	THICKNESS	TYPE	MATERIAL	FINISH	MATERIAL	FINISH	LABEL (MIN)	GLAZING	HARDWARE	MAG HOLD-OPEN	ACCESS CONTROL	REMARKS		
122	1	22A	VESTIBULE	22	MAIN OFFICE	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	PT		4	HW6			4" FRAME HEAD	122	
130	1	NIC	CORRIDOR	22	MAIN OFFICE	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	PT	20	5	HW6			4" FRAME HEAD	130	
131	PR	NIC	CORRIDOR	-	STAIR	3' - 0"	7' - 0"	1 3/4"	N	WD	FF	HM	PT	90	5	HW2			4" FRAME HEAD	131	



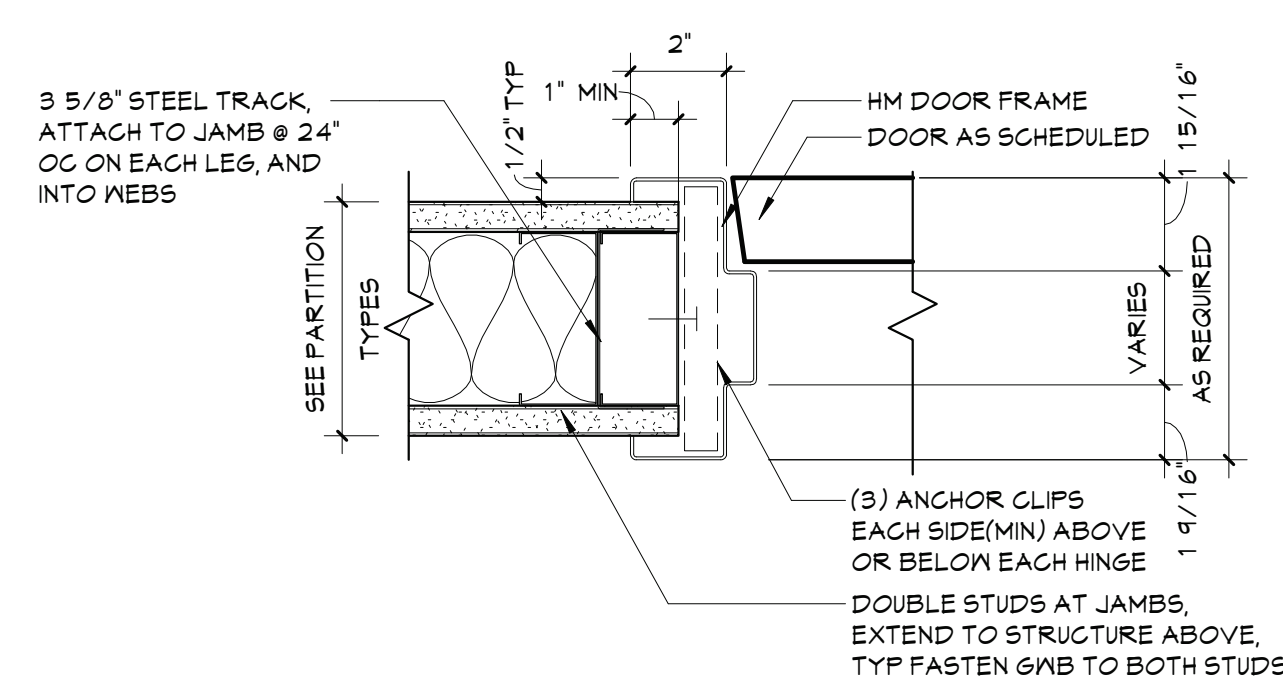
6 THRESHOLD DETAIL

A901 3" = 1'-0"



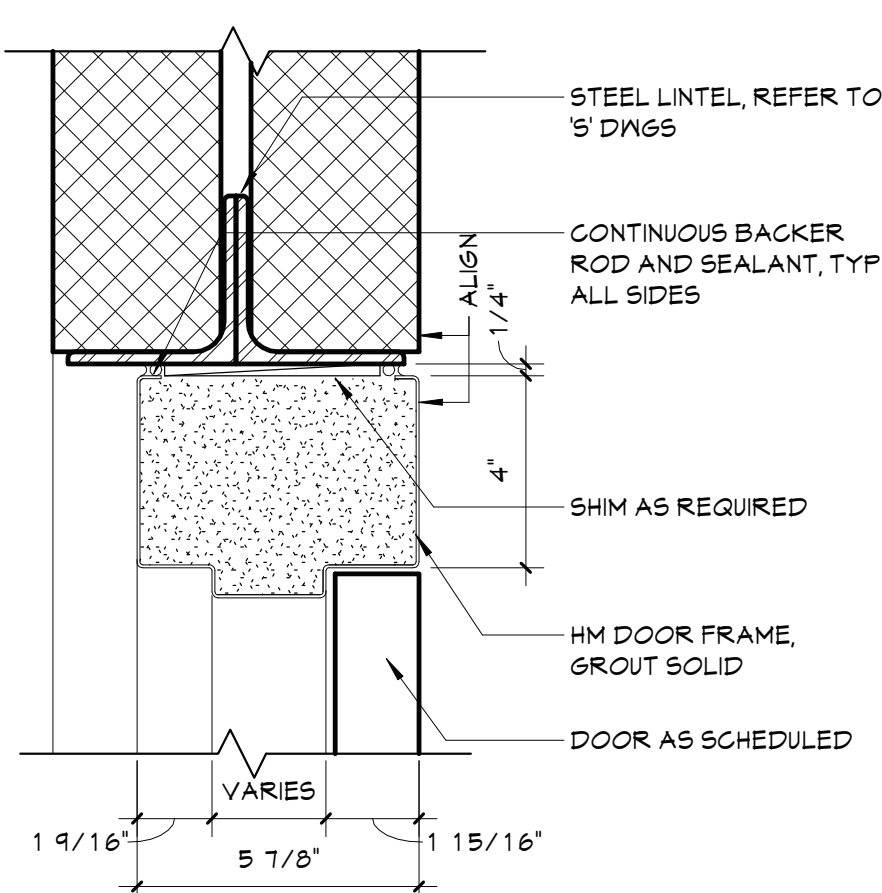
4 HEAD DETAIL

A901 3" = 1'-0"



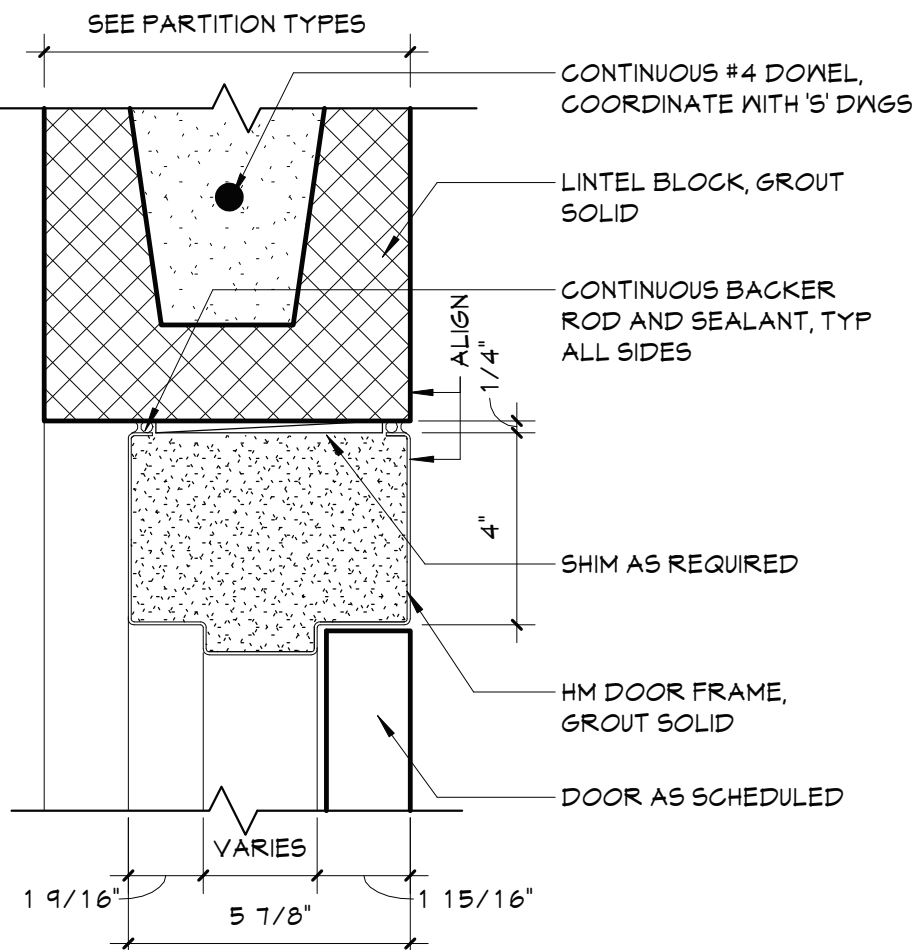
2 JAMB DETAIL

A901 3" = 1'-0"



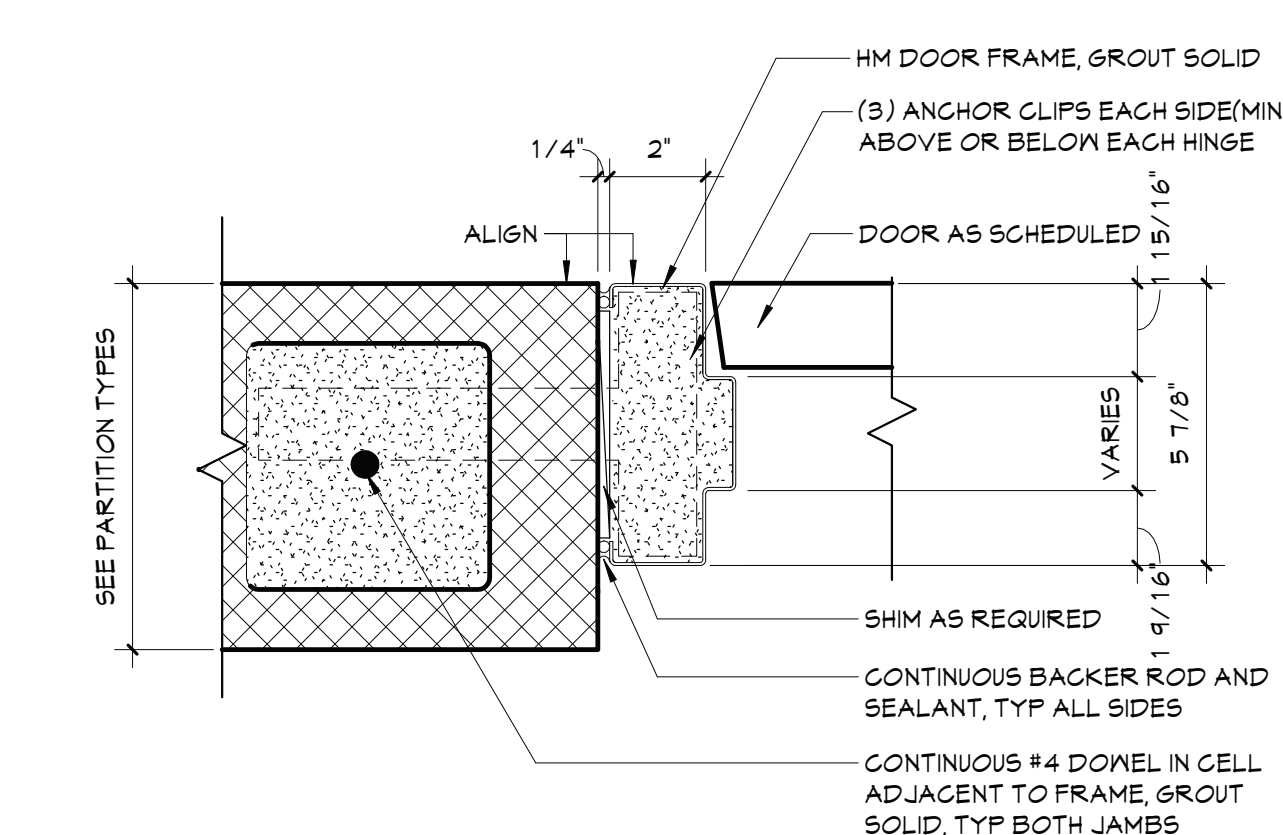
5 HEAD DETAIL

A901 3" = 1'-0"



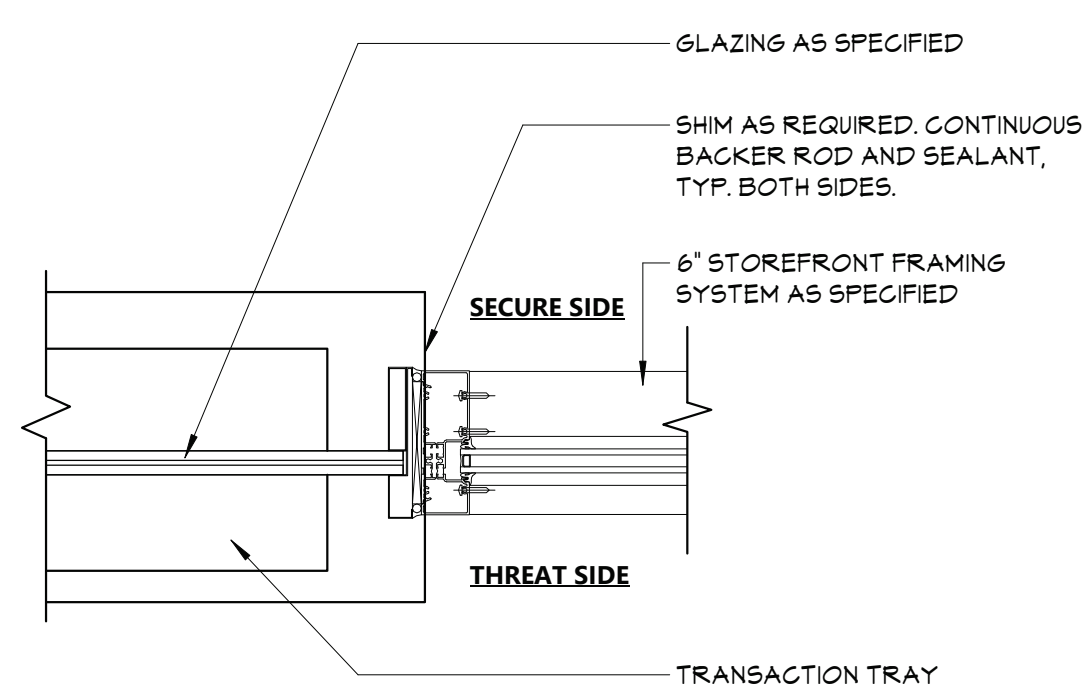
3 HEAD DETAIL

A901 3" = 1'-0"



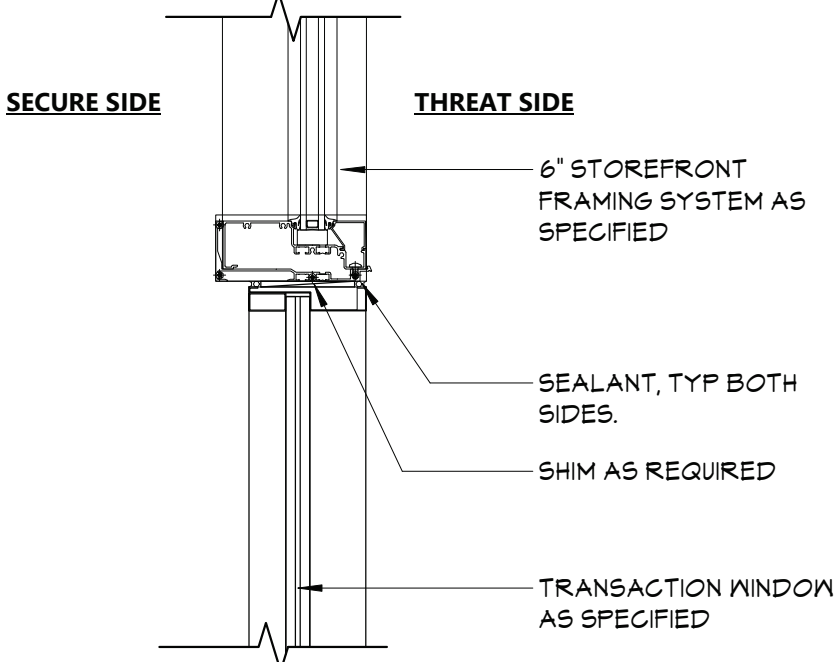
1 HEAD DETAIL

A901 3" = 1'-0"



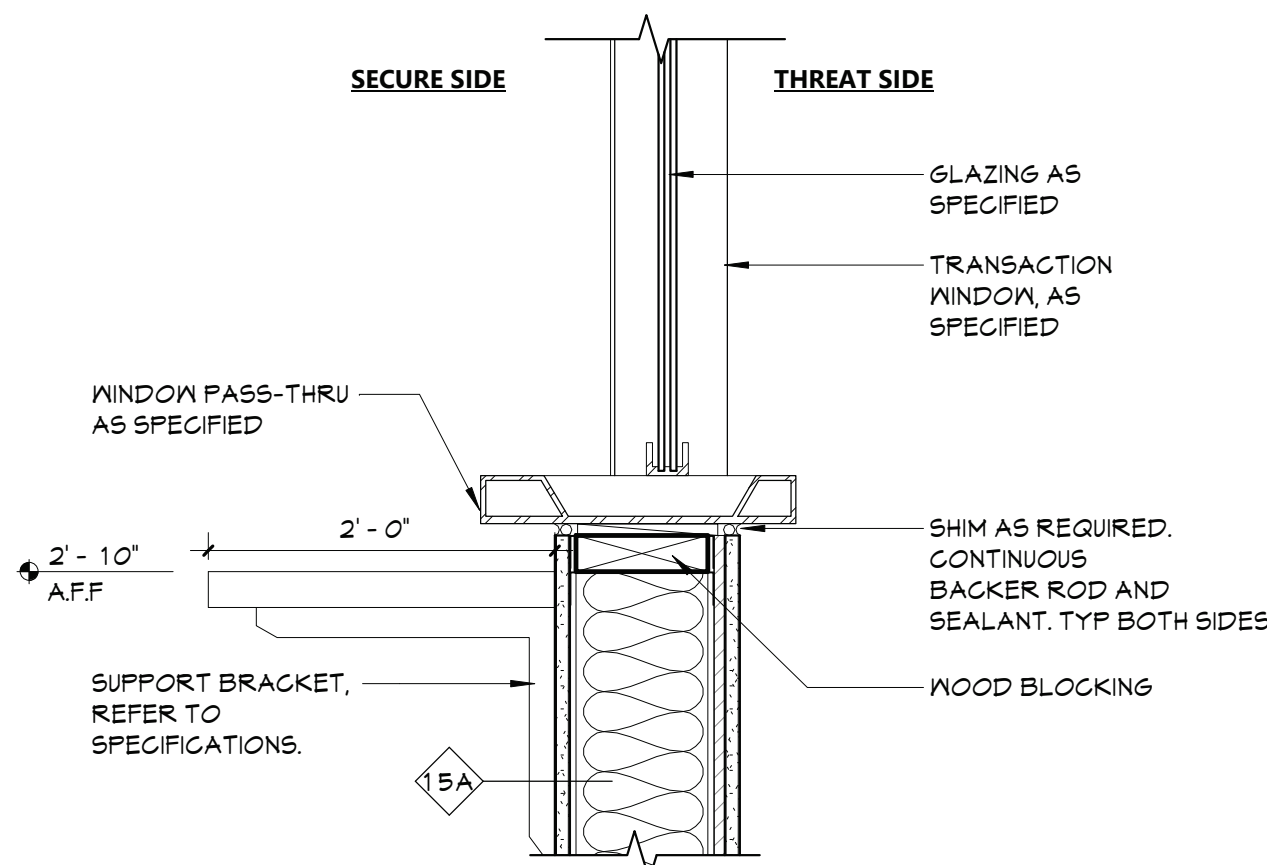
11 JAMB DETAIL - SECURITY WINDOW

A901 1 1/2" = 1'-0"



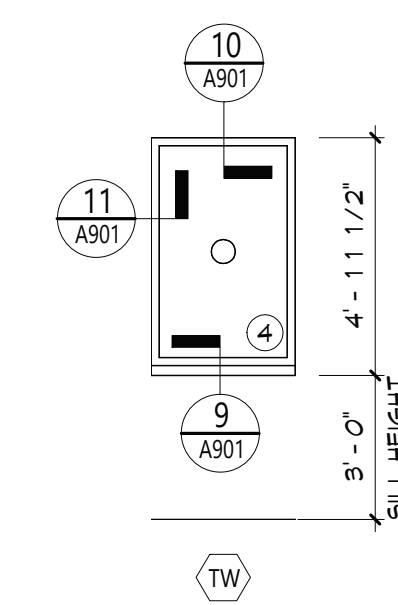
10 HEAD DETAIL - SECURITY WINDOW

A901 1 1/2" = 1'-0"



9 SILL DETAIL - SECURITY WINDOW

A901 1 1/2" = 1'-0"



7 TRANSACTION WINDOW

A901 1/4" = 1'-0"

DOOR LITE, GLAZING & PANEL TYPES

- INSULATED GLAZING UNIT (IGU)
- FIRE-PROTECTION-RATED GLAZING. MATCH RATINGS OF OPENING EXISTING. CORRIDOR WALLS ARE PRESUMED 1-HOUR RATED, U.N.O. (FR)
- INSULATED SECURITY GLAZING UNIT (ISG)
- SECURITY GLAZING (BA)
- FIRE-PROTECTION-RATED SECURITY GLAZING. RATING BASED ON WALL OR DOOR RATING (FRBA)
- INSULATED LAMINATED/TEMPERED GLASS (EXTERIOR)
- SECURITY FILM ON INSULATED GLAZING UNIT
- LAMINATED GLASS (LM)
- SAFETY GLAZING (ISG)
- FIRE-PROTECTION RATED INSULATED GLAZING UNIT (FGGL)

LEGEND

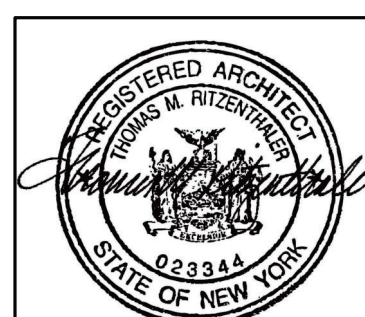
- STOREFRONT LABEL
- WINDOW TAG

19 From St. Newburgh - New York 12507-001
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EXPIRATION DATE: 02/28/2025

NO.	DATE	DESCRIPTION
1	11/12/24	BID ADDENDUM #1
2	10/05/24	BID ADDENDUM #2

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Sheet Title

DOOR & WINDOW DETAILS

Sheet No.

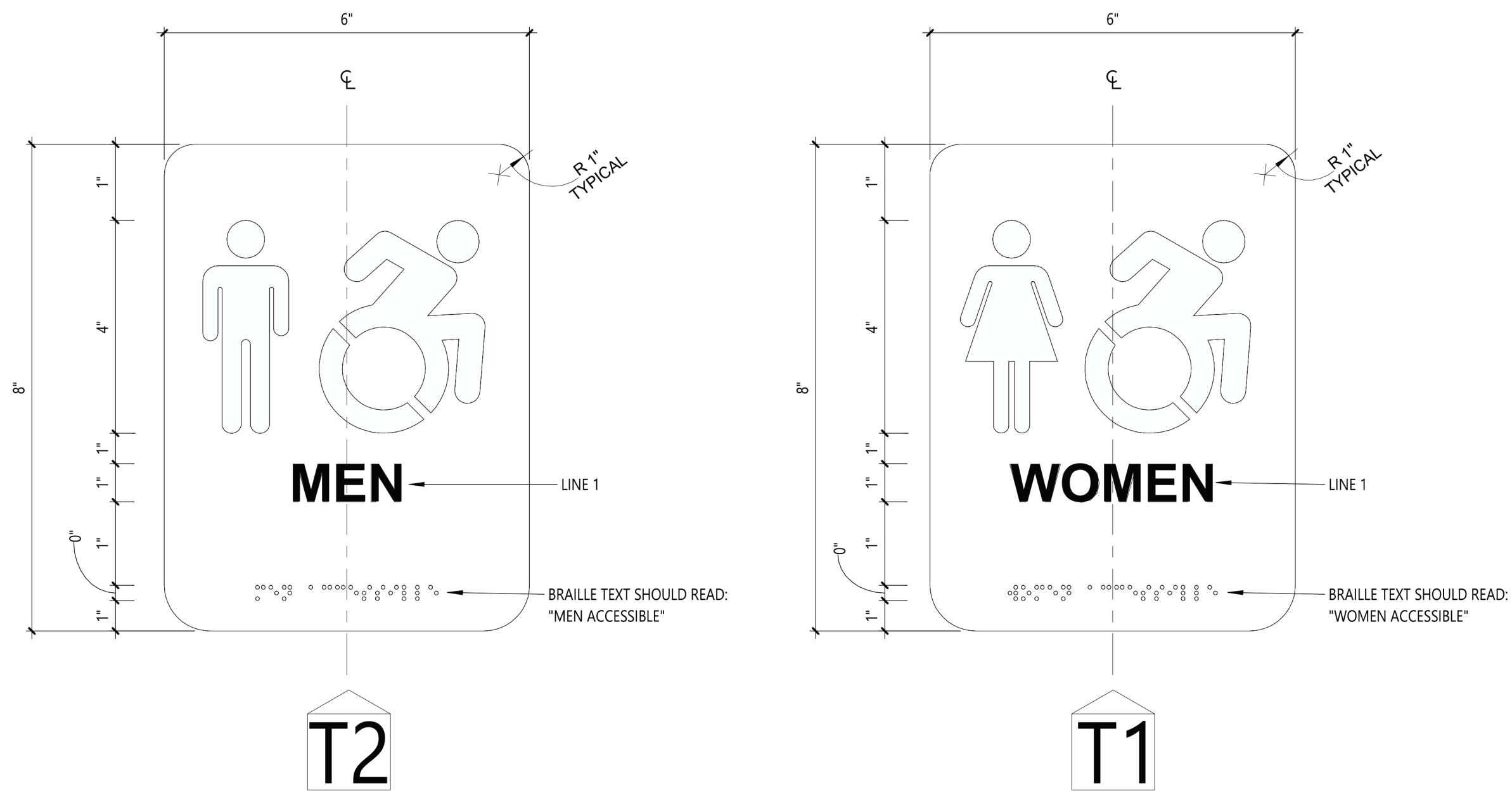
MAY
A901

CONSTRUCTION DOCUMENTS

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NOTES:

- 1) REFER TO PANEL SIGNAGE ELEVATIONS FOR SIGNAGE TYPES.
- 2) REFER TO SPECIFICATION SECTION 101423 - "INTERIOR PANEL SIGNAGE" FOR ADDITIONAL INFORMATION.
- 3) ALL EXISTING PANEL SIGNAGE FOR ROOMS NOTED ABOVE SHALL BE REMOVED AND REPLACED WITH NEW.
- 4) FINAL NUMBERING AND NAMING OF ROOMS TO BE DETERMINED BY OWNER DURING THE SUBMITTAL AND SHOP DRAWING REVIEW.



19 Front St. - Newburgh - New York 12550-7601
845-561-3179 www.csarchpc.com


Consultant

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MAYBROOK ALTERNATIVE LEARNING CENTER
2023 CAPITAL PROJECT - PHASE 1

Project Title



EXPIRATION DATE: 02/28/2025

2	11/1/24	BID ADDENDUM #2
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Sheet Title

SIGNAGE TYPES AND SCHEDULES

Sheet No.

Sheet No. MAY
AF001

CONSTRUCTION DOCUMENTS



- ### VRF System Notes:

- SPLIT SYSTEMS WITH DUCT FAN COIL & HEAT PUMP FURNISHED BY — OWNER. INSTALLED BY CONTRACTOR. CONTRACTOR IS RESPONSIBLE TO RECEIVE THE EQUIPMENT DELIVERY AT THE PROJECT SITE, MOVE EQUIPMENT FROM TRUCK(S) TO A DESIGNATED STORAGE LOCATION ON THE SITE & RIG THE UNIT INTO THE FINAL INSTALLATION LOCATION. CONTRACTOR IS TO PROVIDE ALL ASSOCIATED COMPONENTS, I.E., DUCTWORK, PIPING, CONTROLS, ACCESSORIES, ETC. UNLESS OTHERWISE NOTED IN THE PROJECT DOCUMENTS; REFER TO FRONT END DOCUMENTS FOR ADDITIONAL INFORMATION






INDOOR MINI-SPLIT UNIT SCHEDULE

AIR-COOLED HEAT PUMP SCHEDULE













AIR GRILLE/DIFFUSER SCHEDULE

LOUVER SCHEDULE











LIGHTING FIXTURE SCHEDULE										
TAG	SYMBOL	MANUFACTURER & MODEL	TYPE	VOLTAGE	# OF LAMPS	LAMP WATTS	FIXTURE WATTS	MOUNTING	SIZE	NOTES
A		HE WILLIAMS RECESSED DIRECT/INDIRECT DIG-S22-L32/840-AD-DIM-UNV	LED	120	1	25.8	25.8	RECESSED	2'x2'	4000K COLOR TEMPERATURE
B		HE WILLIAMS VOLTAIRE ARCHITECTURAL WALL PACK VWPH-L30/740-T3-DB2-SDGL-EM/10WC-DIM-UNV	LED	120	1	36	36	SURFACE WALL MOUNT	12"x12"	VANDAL RESISTANT; 4000K COLOR TEMPERATURE; W/ LED EMERGENCY 90 MINUTE LOW TEMPERATURE BATTERY BACKUP; UL 924 LISTED FIXTURE
-		HE WILLIAMS LED EMERGENCY LIGHT EMERLED-WHT-SDT-D	LED	120	2	1.0	2.0	UNIVERSAL	-	UL 924 LISTED FIXTURE; 90-MINUTE BATTERY BACKUP
-		HE WILLIAMS LED EXIT & EMERGENCY LIGHT EXIT/EMLED-R-WHT-RC-SDT-D	LED	120	2	1.5	3.4	UNIVERSAL	-	UL 924 LISTED FIXTURE; 90-MINUTE BATTERY BACKUP; PROVIDE W/ REMOTE HEAD MODEL WETRHL-T-WHT-HL-MV
-		HE WILLIAMS LED EXIT LIGHT EXIT-R-EM-WHT-SDT-D	LED	120	1	3.8	3.8	UNIVERSAL	-	90-MINUTE BATTERY BACKUP






























FIRE ALARM LEGEND:


	HORN/STROBE DEVICE, ONE ASSEMBLY; MTD, 80" A.F.F. UNLESS OTHERWISE NOTED; 15 CANDELA UNLESS OTHERWISE NOTED
	STROBE DEVICE; MTD, 80" A.F.F. UNLESS OTHERWISE NOTED; 15 CANDELA UNLESS OTHERWISE NOTED
	MANUAL PULL STATION; MTD, 48" A.F.F.
	WATER FLOW SWITCH
	VALVE TAMPER SWITCH
	DETECTOR; LETTER INDICATES AS FOLLOWS: BLANK = SMOKE DETECTOR P = PHOTOELECTRIC SMOKE M = MULTIPLE STATION SMOKE ALARM D = PHOTOELECTRIC DUCT SMOKE DETECTOR FSD = DUCT SMOKE DETECTOR FOR FIRE SMOKE DAMPER
	RATE OF RISE HEAT DETECTOR, 135°F
	CARBON MONOXIDE DETECTOR; MTD, 60" A.F.F.
	ADDRESSABLE FIRE ALARM CONTROL PANEL
	FIRE ALARM ANNUNCIATOR PANEL
	REMOTE TEST SWITCH & LED FOR DUCT SMOKE DETECTORS
	FIRE ALARM RELAY


SECURITY LEGEND:

	PANIC BUTTON - 18/4 SHIELDED
	INTERCOM
	DOOR RELEASE BUTTON - 16/2 SHIELDED
	WORKSTATION FOR CARD ACCESS & VIDEO SYSTEM
	CARD READER - 22/6 SHIELDED
	REQUEST TO EXIT - 18/4 SHIELDED
	MAGNETIC DOOR CONTACT - 16/2 SHIELDED
	ELECTRIC LOCK - 16/2 SHIELDED

ELECTRICAL LEGEND:

	MOTOR
	EARTH GROUND
	JUNCTION BOX
	EMERGENCY POWER OFF BUTTON
	FUSE WITH RATING
	MOLDED CASE CIRCUIT BREAKER
	DISCONNECT SWITCH, FUSED
	DISCONNECT SWITCH, UNFUSED
	STARTER, COMBINATION WITH DISCONNECT SWITCH
	STARTER OR MOTOR CONTROLLER
	METER
	20A 120V DUPLEX CEILING MOUNTED RECEPTACLE
	20A 120V DUPLEX WALL MOUNTED RECEPTACLE; 18" A.F.F. UNLESS OTHERWISE NOTED
	20A 120V DUPLEX WALL MOUNTED RECEPTACLE WITH GROUND FAULT CIRCUIT INTERRUPTER
	20A 120V QUADRPLEX RECEPTACLE
	WALL MOUNTED SPECIAL PURPOSE RECEPTACLE
	20A 120V WALL MOUNTED USB CHARGER RECEPTACLE TYPICAL OF HUBBELL USB20X OR ACCEPTABLE EQUAL
	FLOOR MOUNTED BOX W/ DUPLEX RECEPTACLE; FLUSH MOUNTED
	FLOOR MOUNTED BOX W/ DUPLEX RECEPTACLE & 2 PORT ETHERNET OUTLET; FLUSH MOUNTED
	FLOOR MOUNTED BOX W/ QUAD RECEPTACLE & 2 PORT ETHERNET OUTLET; FLUSH MOUNTED
	WALL PHONE OUTLET MTD, 48" A.F.F.; 3/4" EMT CDT, IN WALL TO ABOVE CEILING; PROVIDE 1 PORT ETHERNET WALL PLATE; PROVIDE (1) CAT 6E CABLES FROM WALL PLATE TO NEAREST IT CLOSET
	WALL BOX FOR TELEVISION CONNECTION; 1-1/4" EMT CDT, IN WALL TO ABOVE CEILING W/ PULL CORD
	TELEPHONE/DATA COMMUNICATION BOX W/ (2) 3/4" EMT CDT, IN WALL TO ABOVE CEILING; PROVIDE 2 PORT ETHERNET WALL PLATE; PROVIDE (2) CAT 6 CABLES FROM WALL PLATE TO NEAREST IT CLOSET
	BRANCH CIRCUIT HOMERUN; LINES INDICATE NUMBER OF CIRCUITS, NEUTRAL AND SWITCH LEG CONDUCTORS, ONE SEPARATE GROUNDING CONDUCTOR SHALL BE PROVIDED FOR EACH HOMERUN, NOT SHOWN
	SWITCH BLANK = SINGLE POLE 3 = THREE-WAY D = DIMMER P = WITH PILOT LIGHT T = TIMER OPERATED X = EXPLOSION PROOF
	2 = DOUBLE POLE 4 = FOUR-WAY K = KEY OPERATED PB= PUSH BUTTON WP= WEATHER PROOF OC= OCCUPANCY SENSOR
	DUAL TECHNOLOGY OCCUPANCY SENSOR
	DAYLIGHT SENSOR
	MULTIMEDIA BOX, PROVIDE DEVICE BOX AT 60" ABOVE FINISHED FLOOR WITH DUPLEX RECEPTACLE & (2) CAT6E PORTS, PROVIDE FACEPLATES AND (2) 1-1/4" CONDUITS STUBBED ABOVE CEILING, (1) W/ CAT6E CABLES RUN TO NEAREST IT CLOSET & (1) W/ PULL CORD FOR FUTURE HDMI, RECESS MOUNT BOX TYPICAL OF WIREMOLD EVOLUTION SERIES WITH CONCEALED CONDUITS IN EXISTING FRAMED WALLS AND ALL NEW WALLS, PROVIDE SURFACE MOUNT BOXES WITH DUAL CHANNEL SURFACE MOUNT RACEWAY (LEGRAND WIREMOLD 5400 SERIES) WHERE INSTALLED ON EXISTING MASONRY WALLS.

 WIRELESS ACCESS POINT PROVIDED BY OWNER; CONTRACTOR TO PROVIDE CAT6E CABLE AT CEILING DEVICE & RUN CABLEING TO NEAREST DATA CLOSET

 COMBINATION WALL MOUNTED CLOCK/SPEAKER UNIT PROVIDED BY OWNER; CONTRACTOR TO PROVIDE CAT6E CABLE TO DEVICE & RUN CABLEING TO NEAREST DATA CLOSET

20/208V 3Ø 4W+G				BUS RATING: 100A				40A MAIN CIRCUIT BREAKER			
CONNECTED LOAD	CONDUCTORS	Ckt Breaker Ampacity	POSITION	L1 kVA	L2 kVA	L3 kVA	POSITION	Ckt Breaker Ampacity	CONDUCTORS	CONNECTED LOAD	
EXISTING LOAD	EXISTING WIRING	20	1	-	-	-	2	20	EXISTING WIRING	EXISTING LOAD	
EXISTING LOAD	EXISTING WIRING	20	3	-	-	-	4	20	EXISTING WIRING	EXISTING LOAD	
EXISTING LOAD	EXISTING WIRING	15	5	-	-	-	6	15	-	SPARE	
EXISTING LOAD	EXISTING WIRING	15	7	-	-	-	8	15	-	SPARE	
EXISTING LOAD	EXISTING WIRING	15	9	-	-	-	10	15	-	SPARE	
EXISTING LOAD	EXISTING WIRING	15	11	-	-	-	12	15	-	SPARE	
EXISTING LOAD	EXISTING WIRING	15	13	-	-	-	14	15	-	SPARE	
SPARE	-	15	15	-	-	-	16	15	-	SPARE	
EXTERIOR LIGHTING	(2) #12 CU & (1) #12 GND.	20	17	-	-	-	18	15	-	SPARE	
HP-1 & FCU-1	(2) #8 CU & (1) #10 GND.	40	19	-	-	-	20	-	-	SPACE	
		23	21	-	-	-	22	-	-	SPACE	
SPACE	-	-	23	-	-	-	24	-	-	SPACE	

- PROVIDE NEW CIRCUIT BREAKERS FOR ALL NEW OR MODIFIED CIRCUITS; BREAKERS SHALL MATCH EXISTING TYPE AND RATING
- PANEL SCHEDULE SHOWN BASED ON EXISTING DIRECTORY; CONTRACTOR SHALL VERIFY IN FIELD & ADJUST CIRCUIT LAYOUT AS NEEDED BASED ON AVAILABLE POSITIONS

3

Existing Panelboard PP-EF1

E001

Scale: None

120/208V 3Ø 4W+G				BUS RATING: 225A						MLO	
CONNECTED LOAD	CONDUCTORS	Ckt Breaker Ampacity	POSITION	L1 kVA	L2 kVA	L3 kVA	POSITION	Ckt Breaker Ampacity	CONDUCTORS	CONNECTED LOAD	
EXISTING LOAD	EXISTING WIRING	20	1	-	-	-	2	20	EXISTING WIRING	EXISTING LOAD	
EXISTING LOAD	EXISTING WIRING	20	3	-	-	-	4	20	(2) #12 CU & (1) #12 GND.	FIRE SHUTTER	
EXISTING LOAD	EXISTING WIRING	20	5	-	-	-	6	20	EXISTING WIRING	EXISTING LOAD	
EXISTING LOAD	EXISTING WIRING	20	7	-	-	-	8	20	EXISTING WIRING	EXISTING LOAD	
RECEPTACLES	(2) #12 CU & (1) #12 GND.	20	9	-	-	-	10	20	(2) #12 CU & (1) #12 GND.	RECEPTACLES	
EXISTING LOAD	EXISTING WIRING	20	11	-	-	-	12	20	EXISTING WIRING	EXISTING LOAD	
EXISTING LOAD	EXISTING WIRING	20	13	-	-	-	14	20	EXISTING WIRING	EXISTING LOAD	
EXISTING LOAD	EXISTING WIRING	20	15	-	-	-	16	20	EXISTING WIRING	EXISTING LOAD	
EXISTING LOAD	EXISTING WIRING	20	17	-	-	-	18	20	EXISTING WIRING	EXISTING LOAD	
EXISTING LOAD	EXISTING WIRING	20	19	-	-	-	20	20	EXISTING WIRING	EXISTING LOAD	
EXISTING LOAD	EXISTING WIRING	20	21	-	-	-	22	20	EXISTING WIRING	EXISTING LOAD	
EXISTING LOAD	EXISTING WIRING	20	23	-	-	-	24	20	EXISTING WIRING	EXISTING LOAD	
EXISTING LOAD	EXISTING WIRING	20	25	-	-	-	26	20	EXISTING WIRING	EXISTING LOAD	
EXISTING LOAD	EXISTING WIRING	20	27	-	-	-	28	20	EXISTING WIRING	EXISTING LOAD	
EXISTING LOAD	EXISTING WIRING	20	29	-	-	-	30	20	EXISTING WIRING	EXISTING LOAD	
EXISTING LOAD	EXISTING WIRING	20	31	-	-	-	32	20	EXISTING WIRING	EXISTING LOAD	
EXISTING LOAD	EXISTING WIRING	20	33	-	-	-	34	20	EXISTING WIRING	EXISTING LOAD	
EXISTING LOAD	EXISTING WIRING	20	35	-	-	-	36	20	EXISTING WIRING	EXISTING LOAD	
EXISTING LOAD	EXISTING WIRING	20	37	-	-	-	38	20	EXISTING WIRING	EXISTING LOAD	
EXISTING LOAD	EXISTING WIRING	20	39	-	-	-	40	20	EXISTING WIRING	EXISTING LOAD	
EXISTING LOAD	EXISTING WIRING	20	41	-	-	-	42	20	EXISTING WIRING	EXISTING LOAD	

- CUTLER HAMMER PRL1a PANEL
- PROVIDE NEW CIRCUIT BREAKERS FOR ALL NEW OR MODIFIED CIRCUITS; BREAKERS SHALL MATCH EXISTING TYPE AND RATING
 - PANEL SCHEDULE SHOWN BASED ON EXISTING DIRECTORY; CONTRACTOR SHALL VERIFY IN FIELD & ADJUST CIRCUIT LAYOUT AS NEEDED BASED ON AVAILABLE POSITIONS

4

Existing Panelboard LP-E

E001

Scale: None

ELECTRICAL NOTES:

- ALL MATERIALS AND EQUIPMENT ARE TO BE NEW, UNUSED, AND FREE FROM DEFECTS OF ANY KIND. THE BASIS OF QUALITY SHALL BE THE LATEST REVISION OF ASTM, ANSI, OR OTHER ACCEPTABLE STANDARDS.
- THESE DRAWINGS ARE DIAGRAMMATIC, AND INDICATE GENERAL ARRANGEMENT OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO HAVE REVIEWED THE SITE FOR HIS WORK PRIOR TO HAVING SUBMITTED HIS PROPOSAL. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CONDITIONS FOUND DURING THE COURSE OF THE CONTRACT.
- THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THAT OF ALL OTHER TRADES.
- ALL WORK INCLUDING LABOR AND MATERIALS SHALL BE FULLY GUARANTEED FOR ONE (1) YEAR FROM THE DATE OF PAYMENT AND FINAL ACCEPTANCE BY THE OWNER AND ENGINEER.
- ALL CUTTING, PATCHING, FIRE-STOPPING, AND SURFACE RESTORATION IN CONNECTION WITH THIS TRADE SHALL BE COMPLETED BY THIS CONTRACTOR.
- A MINIMUM OF FOUR (4) COPIES OF SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT FOR APPROVAL PRIOR TO ORDERING AND INSTALLATION OF THE EQUIPMENT AND/OR MATERIALS. BY SUBMITTING SHOP DRAWINGS, THE CONTRACTOR REPRESENTS THAT ACTUAL FIELD CONDITIONS ARE VERIFIED BY HIM AND ARE REFLECTED ON HIS SUBMITTALS.
- THIS CONTRACTOR SHALL PAY ALL FEES, GIVE ALL NOTICES, FILE ALL NECESSARY DRAWINGS, AND OBTAIN ALL PERMITS, INSPECTIONS AND CERTIFICATES OF APPROVAL REQUIRED IN CONNECTION WITH WORK UNDER THIS CONTRACT.
- EQUIPMENT AND MATERIALS FOR WHICH UNDERWRITERS LABORATORIES, INC. (UL) PROVIDES PRODUCT LISTING SERVICE SHALL BE LISTED AND BEAR THE LISTING MARK.
- ALL WORK IN ASSOCIATION WITH THIS CONTRACT SHALL BE COMPLETED IN STRICT COMPLIANCE WITH THE 2017 NATIONAL ELECTRIC CODE, 2020 BUILDING CODE OF NEW YORK STATE, 2020 FIRE CODE OF NEW YORK STATE & 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE.
- ALL NEW LIGHTING FIXTURES SHALL BE INSTALLED FULLY LAMPED AND OPERABLE. THE CONTRACTOR SHALL TURN OVER TO THE OWNER SPARE LAMPS OF EVERY TYPE ON THE PROJECT IN AN AMOUNT NOT LESS THAN 20% OF THE TOTAL NUMBER OF EACH TYPE (MINIMUM 1 PER TYPE).
- THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COORDINATION, APPLICATIONS AND FEES OF ALL WORK ASSOCIATED WITH THE LOCAL UTILITY COMPANY AND/OR THE TELEPHONE COMPANY. ALL WORK INVOLVING THE UTILITY COMPANY SHALL BE COMPLETED IN ACCORDANCE WITH THEIR REGULATIONS AND GUIDELINES.
- ALL CONDUCTORS SHALL BE COPPER, SHALL NOT BE LESS THAN #12 AWG, AND SHALL NOT EXCEED 70 FEET FROM PANEL BOARD TO FURTHEST CONNECTION UNLESS OTHERWISE NOTED ON PLANS.
- LIGHTING LOADS SHALL NOT BE COMBINED ON THE SAME CIRCUIT AS ANY OTHER ELECTRICAL LOADS.
- CONTRACTOR SHALL BE RESPONSIBLE TO FURNISH & INSTALL ALL SMALL DETAILS AND INCIDENTAL WORK NOT SHOWN OR SPECIFIED, BUT WHICH CAN BE REASONABLY INFERRED AS REQUIRED FOR A COMPLETE AND OPERATING SYSTEM OF HIGH QUALITY MEETING ALL APPLICABLE CODES AND REGULATIONS.
- FOR EACH NEW OR MODIFIED ELECTRICAL PANEL, THE CONTRACTOR SHALL PROVIDE A TYPE WRITTEN DIRECTORY CARD TO REFLECT ALL CIRCUITING. ADDITIONALLY, THE CONTRACTOR SHALL LABEL (WITH A PERMANENT MARKER OR LABEL) EACH RECEPTACLE ON THE INSIDE OF EACH FACE PLATE WITH PANEL AND CIRCUIT NUMBER DESIGNATION.
- MINIMUM REQUIREMENT FOR EQUIPMENT GROUNDING SHALL BE GOVERNED BY THE NEC. ALL GROUNDS, BONDING, ETC. SHALL MEET THESE REQUIREMENTS. THE CONTRACTOR SHALL FURNISH AND INSTALL ANY AND ALL ITEMS NECESSARY TO MEET THESE REQUIREMENTS AT NO EXTRA COST, EVEN IF SUCH ITEMS ARE NOT DETAILED ON THE DRAWINGS.
- ALL CONDUIT AND CABLE SHALL BE PROPERLY SUPPORTED AND ROUTED PARALLEL OR PERPENDICULAR TO BUILDING WALLS. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL SUPPORT HANGERS AND MISCELLANEOUS METALS REQUIRED FOR PROPER INSTALLATION OF WORK.
- THE CONTRACTOR IS RESPONSIBLE TO TEST ALL EQUIPMENT, WIRING, DEVICES, AND SYSTEMS INSTALLED UNDER THIS CONTRACT TO ENSURE PROPER OPERATION PRIOR TO FINAL ACCEPTANCE BY THE OWNER AND ENGINEER.
- THE CONTRACTOR IS RESPONSIBLE TO DETERMINE WHETHER SPECIAL LICENSING IS REQUIRED IN ORDER TO PERFORM THE REQUIRED WORK IN THE MUNICIPALITY WHERE THE PROJECT IS LOCATED. IF THE CONTRACTOR CANNOT OBTAIN THE REQUIRED LICENSING TO COMPLETE THE WORK WITHIN THE PROJECT SCHEDULE, THEN THE CONTRACTOR SHALL NOT BE PERMITTED TO BID ON THIS PROJECT.

WIRE COLOR CODING TABLE							
PHASE	WIRES	VOLTAGE	L1	L2	L3	NEUTRAL	GROUND
1	2 (1)	120	BLACK	-	-	WHITE	-
1	2 (1)	208	BLACK	RED	-	-	-
1	3	120	BLACK	-	-	WHITE	GREEN (2)
1	3	208	BLACK	RED	-	-	GREEN (2)
3	4	208	BLACK	RED	BLUE	-	GREEN (2)
3	5	208	BLACK	RED	BLUE	WHITE	GREEN (2)
1	3	277	BROWN	-	-	GRAY	GREEN (2)
1	3	480	BROWN	ORANGE	-	-	GREEN (2)
3	4	480	BROWN	ORANGE	YELLOW	-	GREEN (2)
3	5	480	BROWN	ORANGE	YELLOW	GRAY	GREEN (2)

- NOTES:
- FOR DOUBLE INSULATED EQUIPMENT ONLY.
 - GREEN/YELLOW MAY BE USED:
 - GREEN/YELLOW SHALL BE GREEN WITH ONE OR MORE YELLOW STRIPES.
 - GREEN = 50 TO 70%, YELLOW = 50 TO 30%.
 - GREEN/YELLOW IS THE ONLY COLOR INTERNATIONALLY ACCEPTED FOR USE AS AN EQUIPMENT GROUNDING CONDUCTOR.
 - GREEN OR GREEN/YELLOW MUST ONLY BE USED FOR GROUNDING CONDUCTORS.

DEVICE MOUNTING HEIGHTS	
POWER RECEPTACLES (INTERIOR)	18" A.F.F.
POWER RECEPTACLES (EXTERIOR)	36" A.F.F.
POWER RECEPTACLES (@ COUNTER)	44" A.F.F.
LIGHT SWITCHES	44" A.F.F. TO TOP OF DEVICE
DISCONNECT SWITCHES	SEE NEC 404.8(A)
TELEPHONE/DATA RECEPTACLES	18" A.F.F.
TELEPHONE/DATA RECEPTACLES (@ COUNTER)	44" A.F.F.
WALL TELEPHONE RECEPTACLES	48" A.F.F. TO TOP OF DEVICE
FIRE ALARM PULL STATIONS	42" A.F.F. MIN./44" A.F.F. MAX.
FIRE ALARM AUDIO/VISUAL DEVICES	80" A.F.F. MIN./96" A.F.F. MAX.
EXIT LIGHTS (WALL MOUNTED)	12" ABOVE DOOR
EMERGENCY LIGHTS (WALL MOUNTED)	90" A.F.F.
TV & A/V OUTLETS	18" A.F.F.
NOTE: ALL DIMENSIONS ARE TO CENTER OF DEVICE UNLESS OTHERWISE NOTED	

19 Front St., Newburgh, New York 12550-7601
845-561-3179 www.csarch.com


BLAKE ENGINEERING LLC
100 WEST 14TH STREET, SUITE 200 NEW YORK, NY 10011

VALLEY CENTRAL SCHOOL DISTRICT
MAYBROOK ALTERNATIVE LEARNING CENTER
2023 CAPITAL PROJECT - PHASE 1

Project Title



1	1/2024	REV	ADDENDUM #2
DATE	DESCRIPTION		

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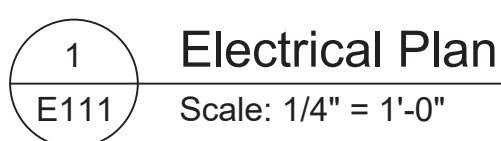
Sheet Title

ELECTRICAL
NOTES,
LEGENDS,
SCHEDULES &
DETAILS

Sheet No.

MAY
E001

CONSTRUCTION DOCUMENTS



- CONSTRUCTION DOCUMENTS

