

MONTOMGERY COUNTY ANNEX TRAINING ROOM RENOVATION



ISSUED FOR BID 12/21/23

ABBREVIATIONS

NUMBER OR POUND HORIZONTAL PLUS OR MINUS **INSUL** INSULATION ABOVE FINISH FLOOR INTERIOR ACOUSTICAL CEILING TILE INTERNATIONAL BUILDING CODE ALUM ALUMINUM LAMINATE **APPROX** APPROXIMATELY LEVEL BASEMENT LINEAL FEET **BELOW FINISH FLOOR** POUND **BOTTOM OF** MASONRY BUILDING MASONRY OPENING **BUILDING CODE OF NEW YORK STATE** MAX MAXIMUM CAR **MECHANICAL** CARPET MECHANICAL CODE OF NEW YORK STATE CIP CAST IN PLACE CAULKING METAL METAL PANEL CLG CEILING CTR CENTER MINIMUM **CENTER LINE** CERAMIC **CERAMIC TILE** CLR

THIS ABBREVIATION LIST IS A STANDARD AND NOT ALL ABBREVIATIONS ARE NECESSARILY USED

HOLLOW METAL

UNLESS NOTED OTHERWISE

DRAWING NUMBER

SHEET NUMBER

DRAWING NUMBER

VERTICAL RISE / HORIZONTAL RUN

DIRECTION OF SLOPE DOWN

ON SHEET

ON SHEET

VERTICAL

WEIGHT

WITHOUT

WOOD

WITH

NATIONAL FIRE PROTECTION ASSOC **CLEAR** COL COLUMN NOMINAL CONC CONCRETE NOT IN CONTRACT CMU CONCRETE MASONRY UNIT NOT TO SCALE CONT CONTINUOUS NUMBER **CONTROL JOIN** ON CENTER CORR CORRIDOR OPENING DEMOLISH OPPOSITE **DIAMETER** PAINTED DOWN PAIR EACH PARTITION **ELECTRICAL** PLASTIC ELEVATION PLASTIC LAMINATE **EPOXY**

EQUAL PLUMBING CODE OF NEW YORK STATE **EQUIPMENT** PLYWOOD (E) **EXISTING** POINT OR PRESSURE TREATED **EXISTING TO REMAIN** OUANTITY **EBCNYS** EXISTING BUILDING CODE OF NYS REFERENCE **EXPANSION JOINT** REQUIRED ROOM ROUGH OPENING SCHEDULE FINISH FIRE ALARM SECT SECTION FIRE DEPT. CONN. **SPEC SPECIFICATION** FIRE EXTINGUISHER **SQUARE** FIRE EXTINGUISHER CABINET **SQUARE FEET** FIRE-RESISTIVE STAINLESS STEEL **FLOOR** FLOOR DRAIN STEEL SUSP SUSPENDED **FLOOR JOIST THRES** THRESHOLD FOOT or FEET TOP OF FOUNDATION TYPICAL **FURR** FURRING

VERT

<u>CALLOUT</u>

REFERENCE

ELEVATION

1" / 1'-0"

MONTGOMERY COUNTY

COUNTY ANNEX BUILDING

P.O. BOX 1500 20 PARK STREET FONDA, NY 12068-1500

MARTIN P. KELLY LEGISLATOR DISTRICT BRIAN D. SWEET LEGISLATOR DISTRICT HERBERT T. ALLEN LEGISLATOR DISTRICT LEGISLATOR DISTRICT 4 ROBERT HEADWELL, JR. LEGISLATOR DISTRICT 5 DANIEL P. WILSON LEGISLATOR DISTRICT 6 LEGISLATOR DISTRICT 7 MICHAEL J. PEPE MARIA KOWALCZYK LEGISLATOR DISTRICT 8 LEGISLATOR DISTRICT 9 ROBERT A. PURTELL

DEPARTMENT OF SOCIAL SERVICES

MICHAEL McMAHON COMMISSIONER

THOMAS LIPPIE DEPUTY COMMISSIONER

JESSICA BATES DEPUTY COMMISSIONER - FISCAL OPERATIONS

DEPARTMENT OF PUBLIC WORKS

ERIC M. MEAD COMMISSIONER OF PUBLIC WORKS

DOOR NUMBER

ROOM IDENTIFICATION

NUMBER

REVISION

NUMBER





SITE VICINITY MAP



SITE LOCATION MAP

DRAWING LIST

SHEET ID	SHEET TITLE	SHEET
GENE	RAL	
G-001	COVER SHEET	01
ARCH	ITECTURE	
AC-001	ACCESSIBILITY DETAILS	02
AD-101	DEMOLITION FLOOR PLAN	03
AD-102	DEMOLITION REFLECTED CEILING PLAN	04
A-101	FLOOR PLAN	05
A-102	REFLECTED CEILING PLAN	06
A-103	FINISH FLOORING PLAN	07
A-401	ENLARGED TOILET ROOM PLAN & ELEVATIONS	80
A-601	SCHEDULES AND DETAILS	09
ELEC	ΓRICAL	
E-001	ELECTRICAL NOTES AND LEGEND	10
ED-101	ELECTRICAL POWER DEMOLITION PLAN	11
ED-102	DEMOLITION ELECTRICAL REFLECTED CEILING PLAN	12
E-101	ELECTRICAL POWER PLAN	13
E-102	ELECTRICAL REFLECTED CEILING PLAN	14
E-501	ELECTRICAL DETAILS AND SCHEDULES	15

EXISTING BUILDING CODE OF NYS

CHAPTER 6 CLASSIFICATION OF WORK

 SECTION 602 - ALTERATION LEVEL 1, 602.1 SCOPE: LEVEL 1 ALTERATIONS INCLUDE THE REMOVAL AND REPLACEMENT OR THE COVERING OF EXISTING MATERIALS. ELEMENTS, EQUIPMENT, OR FIXTURES USING NEW MATERIALS, ELEMENTS, EQUIPMENT OR FIXTURES THAT SERVE THE SAME PURPOSE. LEVEL 1 ALTERATIONS SHALL COMPLY WITH THE PROVISIONS OF CHAPTERS 7 FOR LEVEL 1 ALTERATIONS.

CHAPTER 7 ALTERATIONS - LEVEL 1: N/A

- 1. 702.1 INTERIOR FINISHES NEWLY INSTALLED INTERIOR WALL AND CEILING FINISHES SHALL COMPLY WITH CHAPTER BC8 OF THE BUILDING CODE OF NEW YORK
- 2. 702.2 INTERIOR FLOOR FINISH NEW INTERIOR FLOOR FINISH, INCLUDING NEW CARPETING USED AS AN INTERIOR FLOOR FINISH MATERIAL, SHALL COMPLY WITH SECTION BC804 OF THE BUILDING CODE OF NEW YORK STATE.
- 3. 702.6 MATERIALS AND METHODS NEW WORK SHALL COMPLY WITH THE MATERIALS AND METHODS REQUIREMENTS IN THE BUILDING CODE OF NEW YORK STATE, ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE, MECHANICAL CODE OF NEW YORK STATE, AND PLUMBING CODE OF NEW YORK STATE, AS APPLICABLE, THAT SPECIFY MATERIAL STANDARDS, DETAIL OF INSTALLATION AND CONNECTION, JOINTS, PENETRATIONS, AND CONTINUITY OF ANY ELEMENT, COMPONENT, OR SYSTEM IN THE BUILDING.
- 4. 703.1 GENERAL. ALTERATIONS SHALL BE DONE IN A MANNER THAT MAINTAINS THE LEVEL OF FIRE PROTECTION PROVIDED.
- 5. 704.1 GENERAL. ALTERATIONS SHALL BE DONE IN A MANNER THAT MAINTAINS THE LEVEL OF PROTECTION PROVIDED FOR THE MEANS OF EGRESS
- 6. 707.1 MINIMUM REQUIREMENTS. LEVEL 1 ALTERATIONS TO EXISTING BUILDINGS OR STRUCTURES DO NOT REQUIRE THE ENTIRE BUILDING OR STRUCTURE TO COMPLY WITH THE ENERGY REQUIREMENTS OF THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE OR RESIDENTIAL CODE OF NEW YORK STATE. THE ALTERATIONS SHALL CONFORM TO THE ENERGY REQUIREMENTS OF THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE OR RESIDENTIAL CODE OF NEW YORK STATE AS THEY RELATE TO NEW CONSTRUCTION ONLY.
- 7. 708.1 WATER CLOSET REPLACEMENT. WHEN ANY WATER CLOSET IS REPLACED, THE REPLACEMENT WATER CLOSET SHALL COMPLY WITH SECTION PC604.4 OF THE PLUMBING CODE OF NEW YORK STATE.

BUILDING CODE OF NYS

CHAPTER 10 MEANS OF EGRESS

1. SECTION 1004 - OCCUPANT LOAD, 1004.5 AREAS WITHOUT FIXED SEATING: THE NUMBER OF OCCUPANTS SHALL BE COMPUTED AT THE RATE OF ONE OCCUPANT PER UNIT OF AREA AS PRESCRIBED IN TABLE 1004.5. FOR AREAS WITHOUT FIXED SEATING, THE OCCUPANT LOAD SHALL BE NO LESS THAN THAT NUMBER DETERMINED BY DIVING THE FLOOR AREA UNDER CONSIDERATION BY THE OCCUPANT LOAD FACTOR ASSIGNED TO THE FUNCTION OF THE SPACE AS SET FORTH IN TABLE 1004.5 MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT

A. ASSEMBLY WITHOUT FIXED SEATING (UNCONCENTRATED 15 NET) B. TRAINING ROOM = 1,440 SF / 15 NET = 96 OCCUPANT LOAD FACTOR GROSS SECTION 1006 - NUMBER OF EXITS AND EXIT ACCESS DOORWAYS, 1006.2.1 EGRESS BASED ON

- OCCUPANT LOAD AND COMMON PATH OF EGRESS TRAVEL DISTANCE: TWO EXITS OR EXIT ACCESS DOORWAYS FROM ANY SPACE SHALL BE PROVIDED WHERE THE DESIGN OCCUPANT LOAD OR THE COMMON PATH OF EGRESS TRAVEL DISTANCE EXCEEDS THE VALUES LISTED IN TABLE 1006.2.1 SPACES WITH ONE EXIT OR EXIT ACCESS DOORWAY [OCCUPANCY B, MAX OCCUPANT LOAD 49, WITH SPRINKER SYSTEM A. OCCUPANT LOAD = 25 OCCUPANTS, & TRAVEL DISTANCE IS LESS THAN 100 FT.
- SECTION 1010 DOORS, GATES AND TURNSTILES, 1010.1.1 PANIC AND FIRE EXIT HARDWARE: SWINGING DOORS SERVING A GROUP H OCCUPANCY AND SWINING DOORS SERVING ROOMS OR SPACES WITH AN OCCUPANT LOAD OF 50 OR MORE IN A GROUP A OR E OCCUPANCY SHALL NOT BE PROVIDED WITH A LATCH OR LOCK OTHER THAN PANIC HARDWARE OR FIRE EXIT HARDWARE A. EXCEPTIONS: 1. A MAIN EXIT OF A GROUP A OCCUPANCY SHALL BE PERMITTED TO HAVE LOCKING
- DEVICES IN ACCORDANCE WITH SECTION 1010.1.9.4, ITEM 2. 1010.1.9.4 LOCKS & LATCHES: LOCKS AND LATCHES SHALL BE PERMITTED TO PREVENT OPERATION OF DOORS WHERE ANY OF THE FOLLOWING EXIST: 2. IN BUILDING IN OCCUPANCY GROUP A HAVING AN OCCUPANT LOAD OF 300 OR
- 4. SECTION 1020 CORRIDORS, 1020.1 CONTRUCTION: CORRIDORS SHALL BE FIRE RESISTANCE RATED IN ACCORDANCE WITH TABLE 1020.1. THE CORRIDOR WALLS REQUIRED TO BE FIRE-RESISTANCE RATED SHALL COMPLY WITH SECTION 708 FOR FIRE PARTITIONS. A. EXCEPTIONS: 4. A FIRE-RESISTANCE RATING IS NOT REQUIRED FOR CORRIDORS IN AN OCCUPANCY IN
- GROUP B THAT IS A SPACE REQUIRING ONLY A SINGLE MEANS OF EGRESS COMPLYING WITH SECTION 5. EXISTING OCCUPANCY CLASSIFICATION (SEPARATED OCCUPANCIES)
- A. GROUP B (BUSINESS) EXISTING UNCHANGED B. GROUP A (ASSEMBLY) - EXISTING UNCHANGED CONSTRUCTION CLASSIFICATION = TYPE IIB - EXISTING UNCHANGED

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(D)

FUTURE

GAUGE

HARDWARE

GYPSUM WALL BOARD

DRAWING NUMBER

DRAWING NUMBER

ADDITIONAL NOTES

SHEET NUMBER

SHEET NUMBER

DRAWING NUMBER

DRAWING NUMBER

ON SHEET

ON SHEET

ON SHEET

ON SHEET

GLASS

HEIGHT

SYMBOLS

HDWR

ELEVATION

INTERIOR ELEVATION

HGT

WARNING: IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT IS ALTERED. THE ALTERING ARCHITECT SHALL AFFIX TO HIS ITE THE SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION. ARCHITECTURE COMMISSIONER'S REGULATIONS PART 69.5.

WARNING: IT IS A VIOLATION OF THIS LAW FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ENGINEER OR LAND SURVEYOR IS ALTERED. THE ALTERING ENGINEER OR LAND SURVEYOR SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION. PROFESSIONAL ENGINEERING AND LAND SURVEYING - ART. 145, SECTION. 7209

C.T. MALE ASSOCIATES

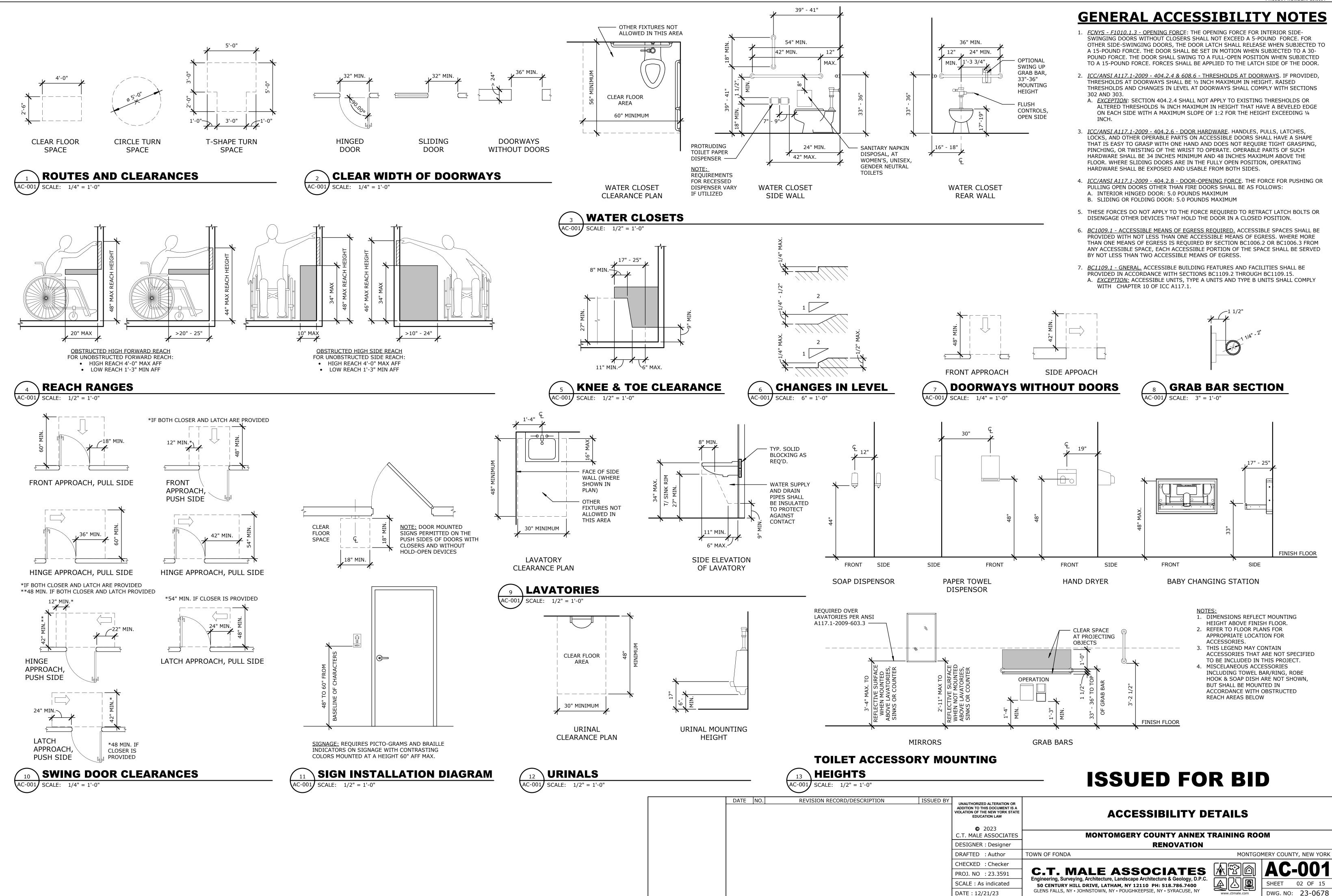
Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C.

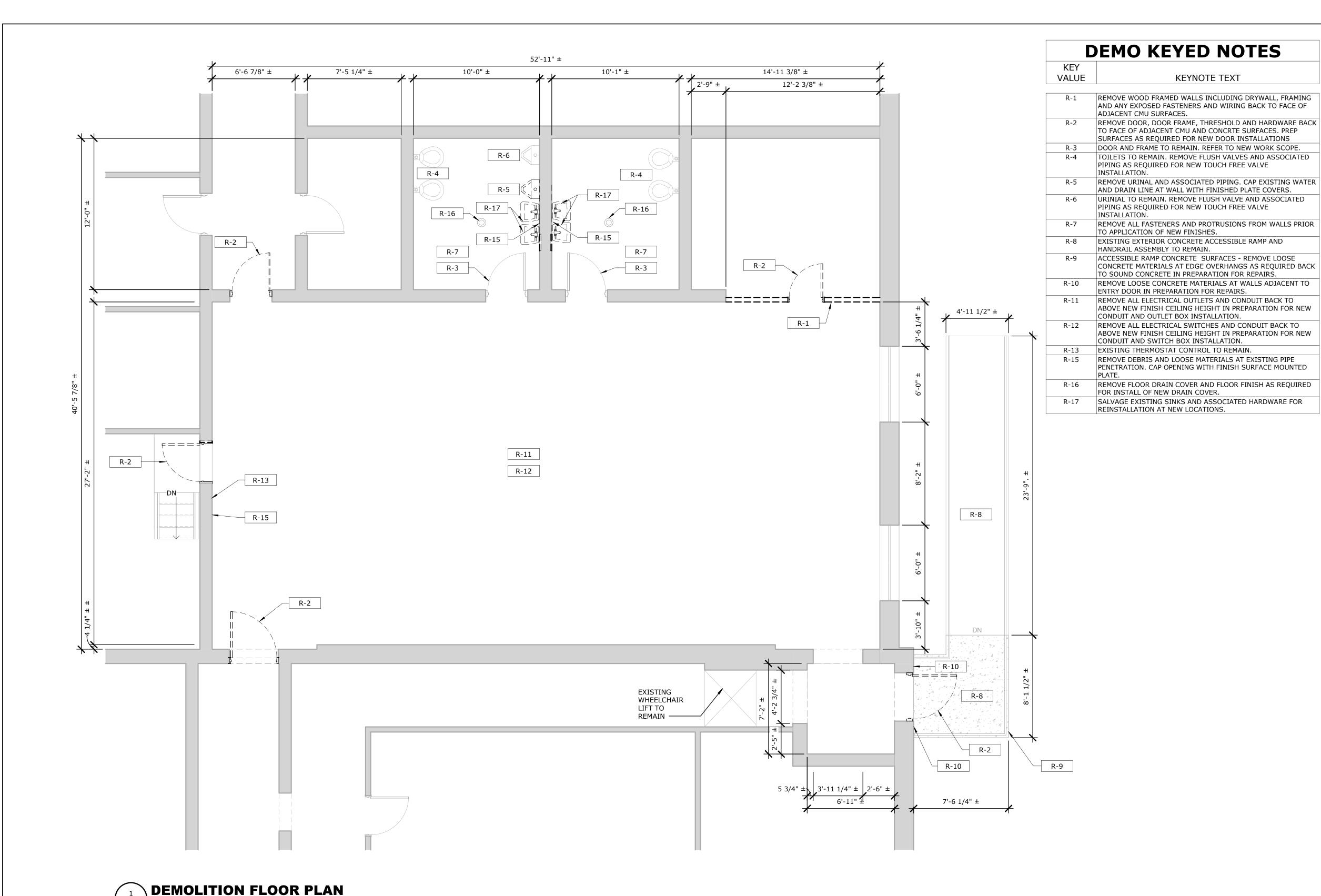
50 CENTURY HILL DRIVE, LATHAM, NY 12110 PH: 518.786.7400 GLENS FALLS, NY - JOHNSTOWN, NY - POUGHKEEPSIE, NY - SYRACUSE, NY



PROJECT NO: 23.3591

DRAWING NO: 23-0678





AD-101 SCALE: 1/4'' = 1'-0''

GENERAL DEMOLITION NOTES

DEFINITIONS

KEYNOTE TEXT

- 1. REMOVE: DETACH ITEMS FROM EXISTING CONSTRUCTIONS AND DISPOSE OF THEM OFF-SITE UNLESS INDICATED TO BE SALVAGED OR REINSTALLED.
- 2. REMOVE AND SALVAGE: DETACH ITEMS FROM EXISTING CONSTRUCTION, IN A MANNER TO PREVENT DAMAGE, AND DELIVER TO OWNER READY FOR REUSE.
- 3. REMOVE AND REINSTALL: DETACH ITEMS FROM EXISTING CONSTRUCTION, IN A MANNER TO PREVENT DAMAGE, PREPARE FOR REUSE, AND REINSTALL WHERE INDICATED.
- 4. EXISTING TO REMAIN: LEAVE EXISTING ITEMS THAT ARE NOT TO BE REMOVED AND THAT ARE NOT
- OTHERWISE INDICATED TO BE SALVAGED OR REINSTALLED.
- 5. <u>DISMANTLE</u>: REMOVE BY DISASSEMBLING OR DETACHING AN ITEM FROM A SURFACE, USING GENTLE METHODS AND EQUIPMENT TO PREVENT DAMAGE TO THE ITEM AND SURFACES; DISPOSING OF ITEMS UNLESS INDICATED TO BE SALVAGED OR REINSTALLED.

REGULATIONS

1. GOVERNING EPA NOTIFICATION REGULATIONS MUST BE COMPLIED WITH BEFORE BEGINNING ANY DEMOLITION. MANY AUTHORITIES HAVE JURISDICTION OVER HAULING AND DISPOSAL OF DEMOLITION MATERIALS AND SHOULD BE COMPLIED WITH AS WELL. LIKEWISE, ADHERENCE TO ALL ANSI SAFETY REQUIREMENTS AND NFPA STANDARDS FOR SAFEGUARDING CONSTRUCTION, ALTERATION, AND DEMOLITION OPERATIONS IS REQUIRED.

SUBMITTALS

- 1. THE CONTRACTOR SHALL SUBMIT A SCHEDULE OF SELECTIVE DEMOLITION ACTIVITIES. INDICATE THE FOLLOWING:
- A. DETAILED SEQUENCE OF SELECTIVE DEMOLITION AND REMOVAL WORK, WITH STARTING AND ENDING DATES FOR EACH ACTIVITY. ENSURE OWNER'S ON-SITE OPERATIONS ARE
- UNINTERRUPTED.
- B. INTERRUPTION OF UTILITY SERVICES. INDICATE HOW LONG UTILITY SERVICES WILL BE
- INTERRUPTED. C. COORDINATION FOR SHUTOFF, CAPPING, AND CONTINUATION OF UTILITY SERVICES.
- D. LOCATIONS OF PROPOSED DUST- AND NOISE-CONTROL TEMPORARY PARTITIONS AND MEANS OF
- E. COORDINATION OF OWNER'S CONTINUING OCCUPANCY OF PORTIONS OF EXISTING BUILDING AND OF OWNER'S PARTIAL OCCUPANCY OF COMPLETED WORK.
- F. MEANS OF PROTECTION FOR ITEMS TO REMAIN AND ITEMS IN PATH OF WASTE REMOVAL FROM

PRE-DEMOLITION CONFERENCE

BUILDING.

- 1. PRE-DEMOLITION CONFERENCE: CONDUCT CONFERENCE AT PROJECT SITE. REVIEW METHODS AND PROCEDURES RELATED TO SELECTIVE DEMOLITION INCLUDING, BUT NOT LIMITED TO, THE
- A. INSPECT AND DISCUSS CONDITION OF CONSTRUCTION TO BE SELECTIVELY DEMOLISHED.
- B. REVIEW STRUCTURAL LOAD LIMITATIONS OF EXISTING STRUCTURE. C. REVIEW AND FINALIZE SELECTIVE DEMOLITION SCHEDULE AND VERIFY AVAILABILITY OF
- MATERIALS, DEMOLITION PERSONNEL, EQUIPMENT, AND FACILITIES NEEDED TO MAKE PROGRESS AND AVOID DELAYS. D. REVIEW REQUIREMENTS OF WORK PERFORMED BY OTHER TRADES THAT RELY ON SUBSTRATES
- EXPOSED BY SELECTIVE DEMOLITION OPERATIONS. E. REVIEW AREAS WHERE EXISTING CONSTRUCTION IS TO REMAIN AND REQUIRES PROTECTION.

PROTECTION OF EXISTING CONSTRUCTION

- 1. DO NOT USE WATER WHEN IT MAY DAMAGE EXISTING CONSTRUCTION OR CREATE HAZARDOUS OR OBJECTIONABLE CONDITIONS SUCH AS ICE, FLOODING, AND POLLUTION.
- 2. RETURN ELEMENTS OF CONSTRUCTION AND SURFACES THAT ARE TO REMAIN TO THE CONDITION EXISTING BEFORE DEMOLITION BEGAN. IF IDENTICAL MATERIALS ARE UNAVAILABLE OR CANNOT BE USED FOR EXPOSED SURFACES, USE MATERIALS THAT VISUALLY MATCH EXISTING ADJACENT SURFACES.

SALVAGING

1. ITEMS TO BE SALVAGED SHOULD BE DISCONNECTED AND REMOVED BY THE DEMOLITION CONTRACTOR UNLESS NOTED OTHERWISE. ITEMS SHOULD BE CLEANED AND REPAIRED TO A FUNCTIONAL CONDITION ADEQUATE FOR THE INTENDED REUSE.

CUTTING AND PATCHING

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CUTTING, FITTING OR PATCHING REQUIRED TO COMPLETE THE WORK OR TO MAKE ITS PARTS FIT TOGETHER PROPERLY. ALL AREAS REQUIRING CUTTING, FITTING AND PATCHING SHALL BE RESTORED TO THE CONDITION EXISTING PRIOR TO THE CUTTING, FITTING AND PATCHING, UNLESS OTHERWISE REQUIRED BY THE CONTRACT DOCUMENTS.
- 2. THE CONTRACTOR SHALL NOT DAMAGE OR ENDANGER THE WORK, OR FULLY OR PARTIALLY COMPLETED CONSTRUCTION BY CUTTING, PATCHING OR OTHERWISE ALTERING SUCH CONSTRUCTION, OR BY EXCAVATION. THE CONTRACTOR SHALL NOT CUT OR OTHERWISE ALTER SUCH CONSTRUCTION BY THE OWNER OR A SEPARATE CONTRACTOR EXCEPT WITH WRITTEN CONSENT OF THE OWNER AND OF SUCH SEPARATE CONTRACTOR; SUCH CONSENT SHALL NOT BE UNREASONABLY WITHHELD. THE CONTRACTOR SHALL NOT UNREASONABLY WITHHOLD FROM THE OWNER OR A SEPARATE CONTRACTOR THE CONTRACTOR'S CONSENT TO CUTTING OR OTHERWISE ALTERING THE
- 3. MAINTAIN ADEQUATE VENTILATION AND FIRE SAFETY WHEN USING CUTTING TORCHES.

CONCEALED OR UNKNOWN CONDITIONS

GLENS FALLS, NY • JOHNSTOWN, NY • POUGHKEEPSIE, NY • SYRACUSE, NY

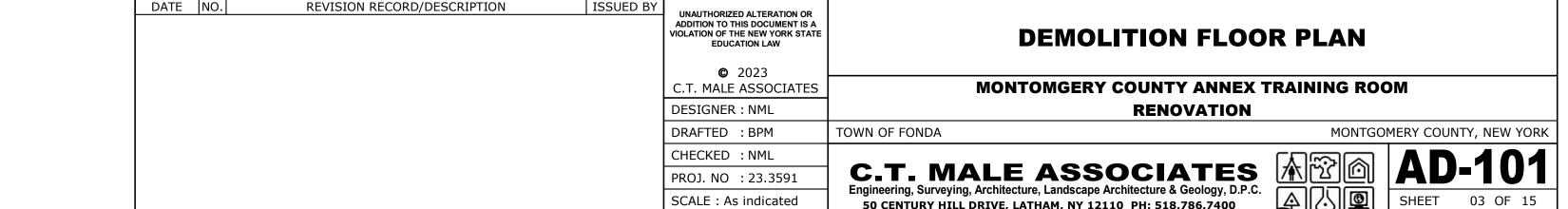
- 1. IF THE CONTRACTOR ENCOUNTERS CONDITIONS AT THE SITE THAT ARE (1) SUBSURFACE OR OTHERWISE CONCEALED PHYSICAL CONDITIONS THAT DIFFER MATERIALLY FROM THOSE INDICATED IN THE CONTRACT DOCUMENTS OR (2) UNKNOWN PHYSICAL CONDITIONS OF AN UNUSUAL NATURE, THAT DIFFER MATERIALLY FROM THOSE ORDINARILY FOUND TO EXIST AND GENERALLY RECOGNIZED AS INHERENT IN CONSTRUCTION ACTIVITIES OF THE CHARACTER PROVIDED FOR IN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL PROMPTLY PROVIDE NOTICE TO THE OWNER'S REPRESENTATIVE BEFORE CONDITIONS ARE DISTURBED.
- 2. REMOVE DECAYED, VERMIN-INFESTED, OR OTHERWISE DANGEROUS OR UNSUITABLE MATERIALS, AND PROMPTLY DISPOSE OF THEM OFF-SITE.

PROCEEDING WITH NEW WORK

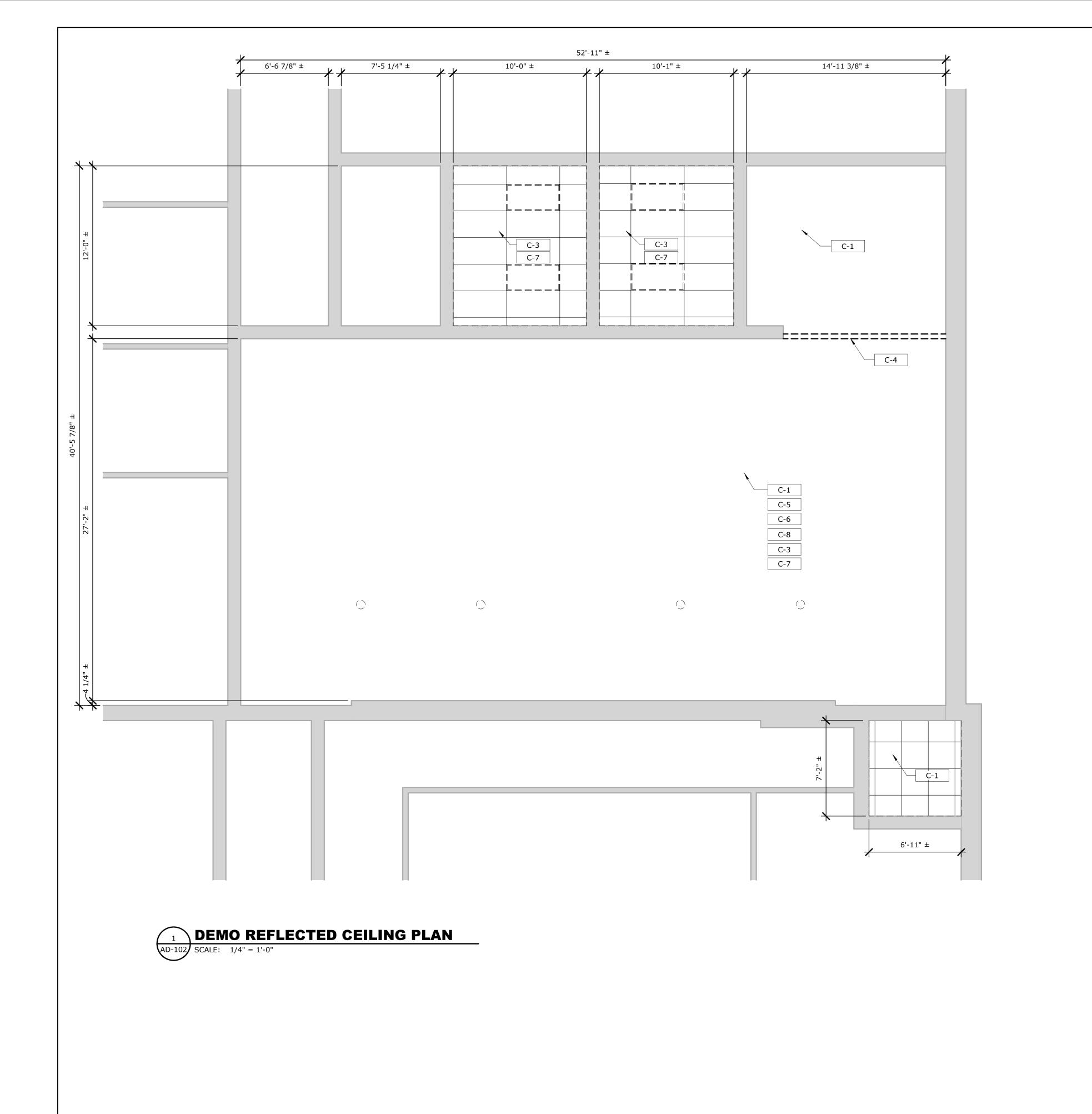
1. BEFORE THE INSTALLATION OF NEW MATERIALS BEGINS, AN INSPECTION OF THE REMAINING CONSTRUCTION SHOULD BE PERFORMED. SECURE, REBUILD, AND RECTIFY REMAINING CONSTRUCTION THAT IS FOUND TO BE WEAKENED, DAMAGED, OR OTHERWISE UNSUITABLE TO RECEIVE NEW WORK.

ISSUED FOR BID

DWG. NO: 23-0678



DATE: 12/21/23



RCP DEMO KEYED NOTES

EXISTING OVERHEAD SANITARY LINES TO REMAIN, CONTACT COUNTY REPRESENTATIVE OF ANY CONFLICTS WITH NEW WORK.

EXISTING OVERHEAD FIRE ALARM TO REMAIN AND REINSTALL IN

C-1 REMOVE ANY REMAINING SUSPENDED CEILING SYSTEM TILES, TRACKS, HANGERS OR OTHER ACCESSORIES.

C-3 REMOVE ALL ELEMENTS OF THE EXISTING SUSPENDED CEILING GRID AND 2x4 LIGHTS. EXISTING EXHAUST FAN AND ASSOCIATED DUCTWORK TO REMAIN.

C-4 REMOVE WOOD FRAMING, FINISHES AND TRIM AS REQUIRED BACK TO UNDERSIDE OF STEEL BEAM.

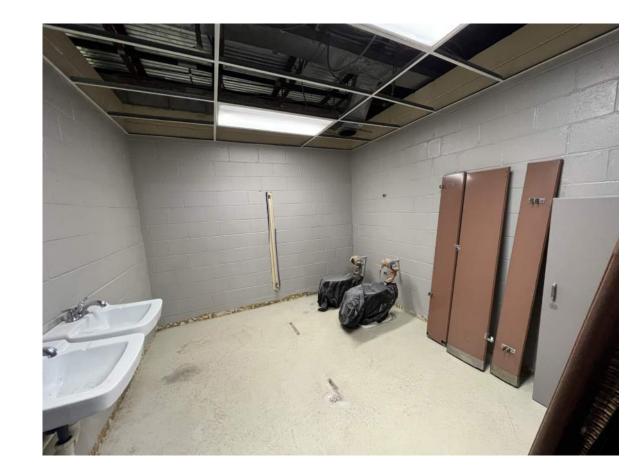
C-5 COORDINATE WITH COUNTY REPRESENTATIVE, BUNDLING AND CABLE MANAGEMENT FOR DATA/TELCOM WIRING BY COUNTY.

C-6 CONTRACTOR SHALL BE RESPONDIBLE FOR REMOVAL OF ANY OLD AND UNUSED OVERHEAD CONDUIT AND WIRING, AND TO CLEANUP/MANAGE WIRING TO REMAIN FOR COORDINATION WITH

NEW CEILING SYSTEM.



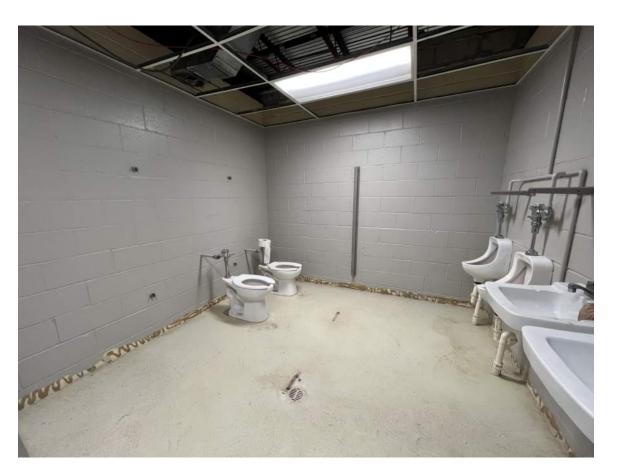




4 EXISTING WOMENS ROOM
AD-102 SCALE: 12" = 1'-0"



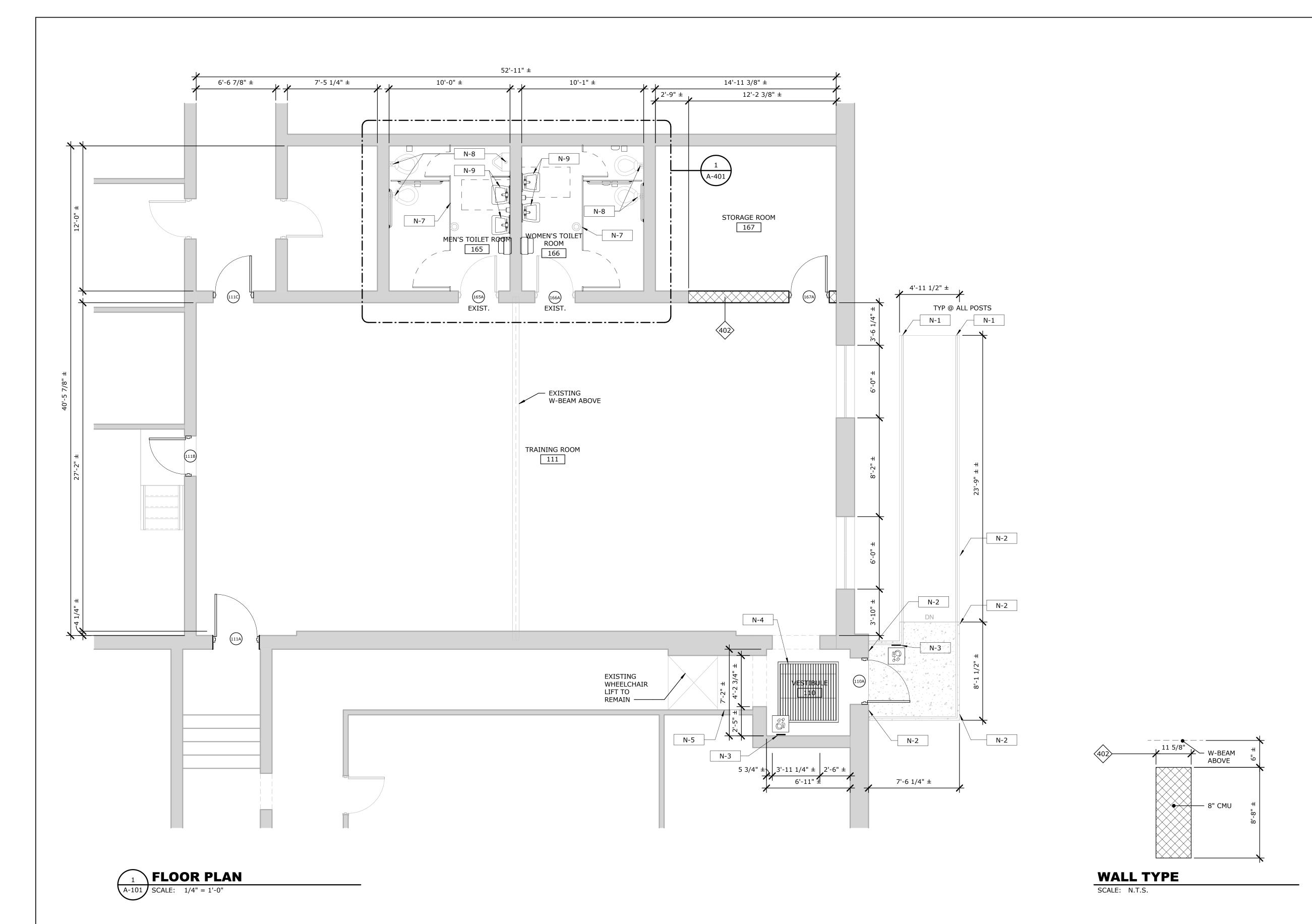
3 EXISTING TRAINING ROOM
AD-102 SCALE: 12" = 1'-0"



5 **EXISTING MENS ROOM**AD-102 SCALE: 12" = 1'-0"

ISSUED FOR BID

	DATE	NO.	REVISION RECORD/DESCRIPTION	ISSUED BY	UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW	DEMOLITION REFLECTED	CEILING	PLAN		
					© 2023 C.T. MALE ASSOCIATES	MONTOMGERY COUNTY ANNEX	TRAINING ROC	OM .		
					DESIGNER : NML	RENOVATION				
					DRAFTED : BPM	TOWN OF FONDA	MONTGO	MERY COUNTY, NEW YORK		
					CHECKED : NML			AD 400		
				PROJ. NO : 23.3591	C.T. MALE ASSOCIATES		AD-102			
				SCALE : As indicated	Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C. 50 CENTURY HILL DRIVE, LATHAM, NY 12110 PH: 518.786.7400		SHEET 04 OF 15			
					DATE: 12/21/23	GLENS FALLS, NY • JOHNSTOWN, NY • POUGHKEEPSIE, NY • SYRACUSE, NY	www.ctmale.com	DWG. NO: 23-0678		



GENERAL CONSTRUCTION NOTES

COORDINATION WITH OCCUPANTS AND EXISTING OPERATIONS

- 1. THE BUILDING WILL REMAIN OCCUPIED DURING CONSTRUCTION ACTIVITIES
- 2. OWNER SHALL CLEAR WORK AREA OF ALL FURNISHINGS, FIXTURES, AND EQUIPMENT IN SELECTIVE DEMOLITION AREAS PRIOR TO COMMENCEMENT OF THE WORK.
- 3. DO NOT INTERRUPT EXISTING UTILITY SERVICE WITHOUT AUTHORIZATION FROM THE OWNER. PROVIDE TEMPORARY SERVICE DURING INTERRUPTIONS UNLESS OTHERWISE DIRECTED BY THE OWNER'S REPRESENTATIVE.
- 4. LIFE SAFETY SYSTEMS MUST REMAIN FULLY OPERATIONAL THROUGHOUT DEMOLITION. WHERE THE WORK AFFECTS LIFE SAFETY SYSTEMS, ALL EXISTING BUILDING SIGNALING SYSTEMS (FIRE ALARM, PULL STATIONS, FIRE WARDEN STATIONS, HORNS, STROBES, SPEAKERS, STANDPIPE TELEPHONES, ETC.) SHOULD BE EITHER RELOCATED OR TEMPORARILY SUSPENDED FROM THE STRUCTURE. BEFORE TEMPORARILY DISCONNECTING OR RELOCATING EXISTING FIRE ALARM EQUIPMENT, THE CONTRACTOR SHOULD NOTIFY THE BUILDING OWNER OR MANAGER. ALL RELOCATED OR NEW EQUIPMENT SHOULD BE INSTALLED IN ACCORDANCE WITH ELECTRICAL AND BUILDING CODES AND THE ACCESSIBILITY
- 5. THROUGHOUT DEMOLITION THE REQUIRED MEANS OF EGRESS MUST BE MAINTAINED FROM ALL OCCUPIED SPACES. TEMPORARY PARTITIONS MUST ALLOW ACCESS TO EXISTING WALKWAYS, CORRIDORS, AND OTHER ADJACENT OCCUPIED OR USED FACILITIES. EGRESS CORRIDORS OR PASSAGES SERVING OCCUPIED SPACES MUST MEET APPLICABLE CODES FOR EXIT SIGNAGE, EMERGENCY LIGHTING, LIFE SAFETY SPEAKER/STROBES, FIRE HOSE CABINETS, FIRE EXTINGUISHER PLACEMENT, FIRE WARDEN STATIONS, AND SPRINKLERS.
- 6. DO NOT CLOSE OR OBSTRUCT WALKWAYS, CORRIDORS, OR OTHER OCCUPIED OR USED FACILITIES WITHOUT WRITTEN PERMISSION FROM AUTHORITIES HAVING JURISDICTION.

TEMPORARY PROTECTION

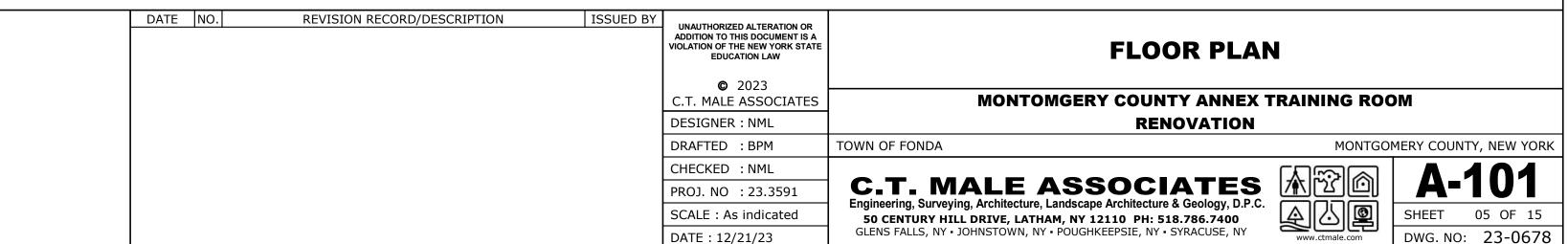
- 1. USE TEMPORARY ENCLOSURES AND OTHER SUITABLE METHODS TO LIMIT DUST AND DIRT RISING AND SCATTERING IN THE AIR. USE SUITABLE METHODS TO LIMIT DUST AND DIRT FROM ADJACENT AREAS.
- 2. PROVIDE TEMPORARY AND REMOVABLE PROTECTION FOR INSTALLED PRODUCTS. CONTROL ACTIVITY IN IMMEDIATE WORK AREA TO MINIMIZE DAMAGE.
- 3. PROVIDE PROTECTIVE COVERINGS AT ADJACENT CONSTRUCTION NOT AFFECTED BY CONTRUCTION.
- 4. PROTECT FINISHED FLOORS AND OTHER SURFACES WITH DURABLE SHEET MATERIALS FROM TRAFFIC, DIRT, WEAR, DAMAGE OR MOVEMENT OF HEAVY OBJECTS.

CONSTRUCTION ACTIVITY CLEANING

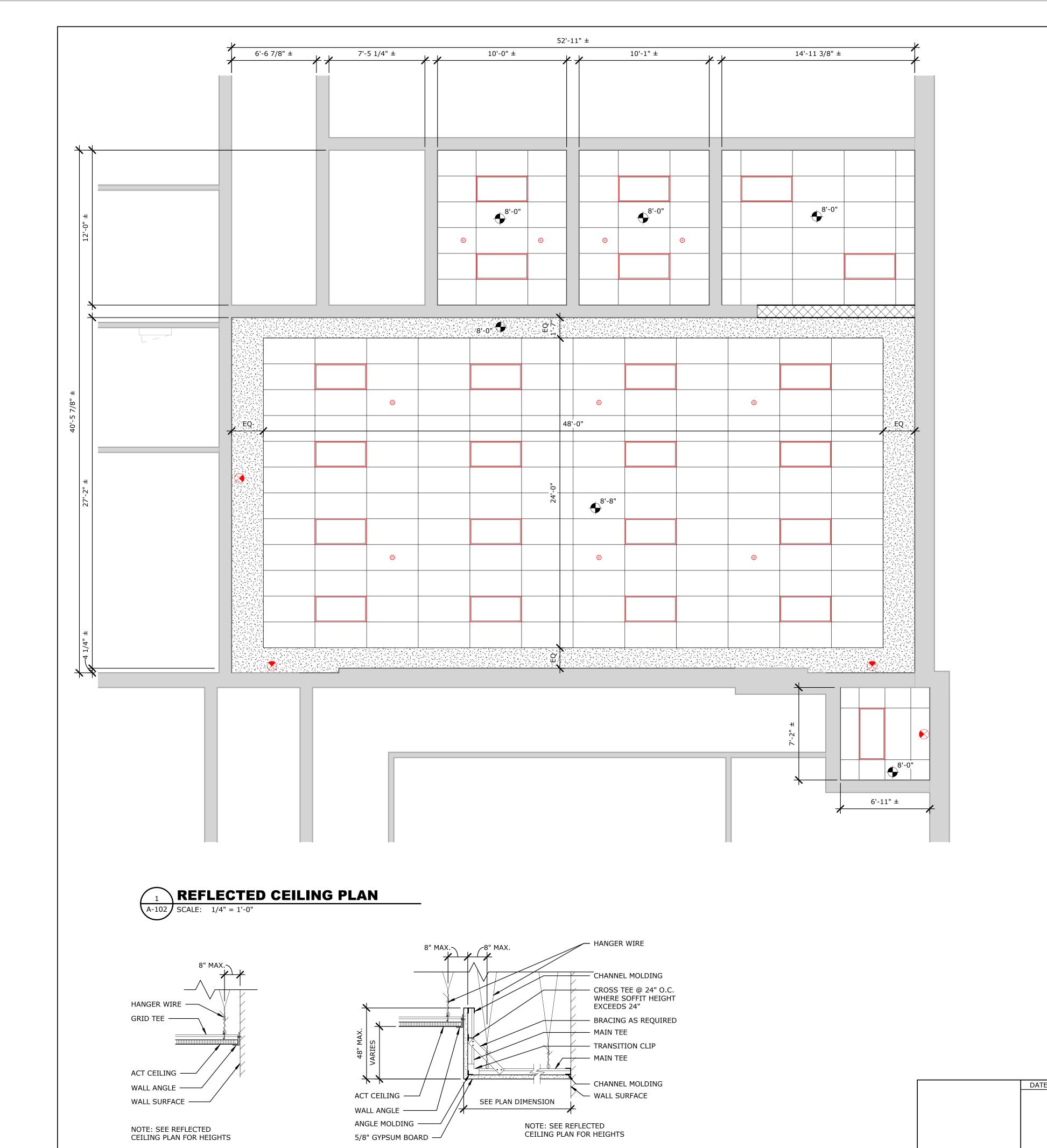
- 1. CONTROL ACCUMULATION OF WASTE MATERIALS AND RUBBISH DURING CONSTRUCTION. LEAVE PROJECT AREA BROOM CLEAN AT THE END OF EACH DAY. REMOVE ALL DEBRIS FROM THE SITE IN ACCORDANCE WITH STATE AND LOCAL CODES. COORDINATE REMOVAL WITH OWNER.
- 2. AVOID UNSIGHTLY CONDITIONS BY CLEANING ADJACENT STRUCTURES AND ARCHITECTURAL FINISHES. ELIMINATE TRACTABLE DIRT BY WET-MOPPING FLOORS AND WIPING DOWN WALLS AND DOORS OF THE DEMOLITION ENCLOSURE. VACUUM CARPETED AREAS ON A DAILY BASIS. PROVIDE WALK-OFF MATS FROM THE AREA OF WORK TO PREVENT DUST FROM BEING TRACKED ONTO ADJACENT FLOOR FINISHES. DO NOT USE PUBLIC CORRIDORS, LOBBIES, OR HALLWAYS AS STAGING AREAS. LIMIT RUBBISH REMOVAL TO AFTER NORMAL BUSINESS HOURS.
- 3. THE CONTRACTOR SHALL KEEP THE PREMISES AND SURROUNDING AREA FREE FROM ACCUMULATION OF WASTE MATERIALS OR RUBBISH CAUSED BY OPERATIONS UNDER THE CONTRACT. AT COMPLETION OF THE WORK, THE CONTRACTOR SHALL REMOVE WASTE MATERIALS, RUBBISH, THE CONTRACTOR'S TOOLS, CONSTRUCTION EQUIPMENT, MACHINERY AND SURPLUS MATERIALS FROM AND ABOUT THE PROJECT.

	NEW KEYED NOTES
KEY VALUE	KEYNOTE TEXT
N-1	PREP GALVANIZE HANDRAILS AS REQUIRED AND APPLY NEW GALVANIZED COATING A BOTTOM 12" OF EACH VERTICAL POST.
N-2	PATCH ACCESSIBLE CONCRETE RAMP SURFACE AND FOUNDATION WALLS AS REQUIRED WITH REPAIR MIX, REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
N-3	PROVIDE AUTOMATIC DOOR OPENING SYSTEM AT ACCESSIBLE ENTRANCE DOOR, INCLUDING ALL WIRING, PUSH BUTTON ACTIVATORS, HARDWARE AND SIGNAGE REQUIRED FOR A FULL AND COMPLETE ASSEMBLY. COORDINATE WITH DOOR AND DOOR HARDWARE INSTALLATION.
N-4	PROVIDE SURFACE MOUNTED WALK-OFF MAT ASSEMBYL INCLUDING PERIMETER TAPERED 5'-0" X 5'-0"ALUMINUM THRESHOLD. COORDINATE WITH ADJACENT FLOORING INSTALLATION. REFER TO SPECIFICATION FOR ADDITIONAL INFORMATION
N-5	PROVIDE 3-5/8" METAL STUD FRAMING AND GWB DRYWALL FINISH (PAINTED) AT OPEN CRAWL SPACE TO THE SIDE OF CHAIR LIFT. PROVIDE J-BEAD TERMINATION AT WALL AND UNDERSIDE OF WOOD FRAMING. CAULK/FILL SAND AND PAINT WOOD FRAMING AS REQUIRED FOR FINISH APPEARANCE.
N-6	EXTEND NEW FLOORING FINISH TO ALL OPEN AND EXPOSED FLOOR AREAS ADJACENT TO CHAIR LIFT.
N-7	PROVIDE NEW TOILET PARTITIONS - BASIS OF DESIGN BOBRICK SIERRA SERIES MAXIMUM PRIVACY OPTION WITH 71.75" DOOR HEIGHT, OR APPROVED EQUAL
N-8	PROVIDE NEW FLUSH VALVES AT EXISTING TOILETS, TYP. MODIFY SANITARY AND DOMESTIC WATER LINES AS REQUIRED FOR NEW INSTALLATION IN ACCORDANCE WITH PCNYS. BASIS OF DESIGN PRODUCT (SLOAN EBV1007A FOR WATER CLOSETS & EBV1006A FOR URINALS) OR APPROVED EQUAL.
N-9	REINSTALL SALVAGED SINKS AND ASSOCIATED HARDWARE, MODIFY SANITARY AND DOMESTIC WATER LINES AS REQUIRED FOR NEW INSTALLATION IN ACCORDANCE WITH PCNYS.

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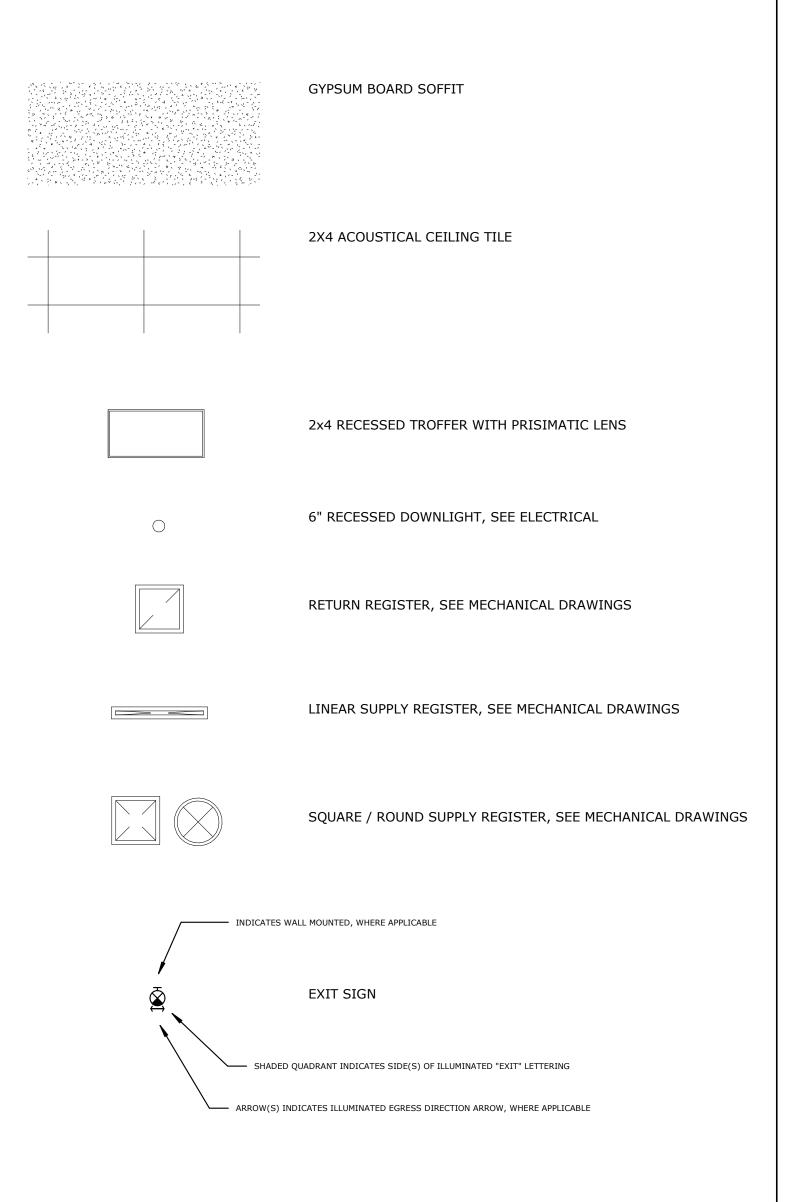
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CEILING NOTES

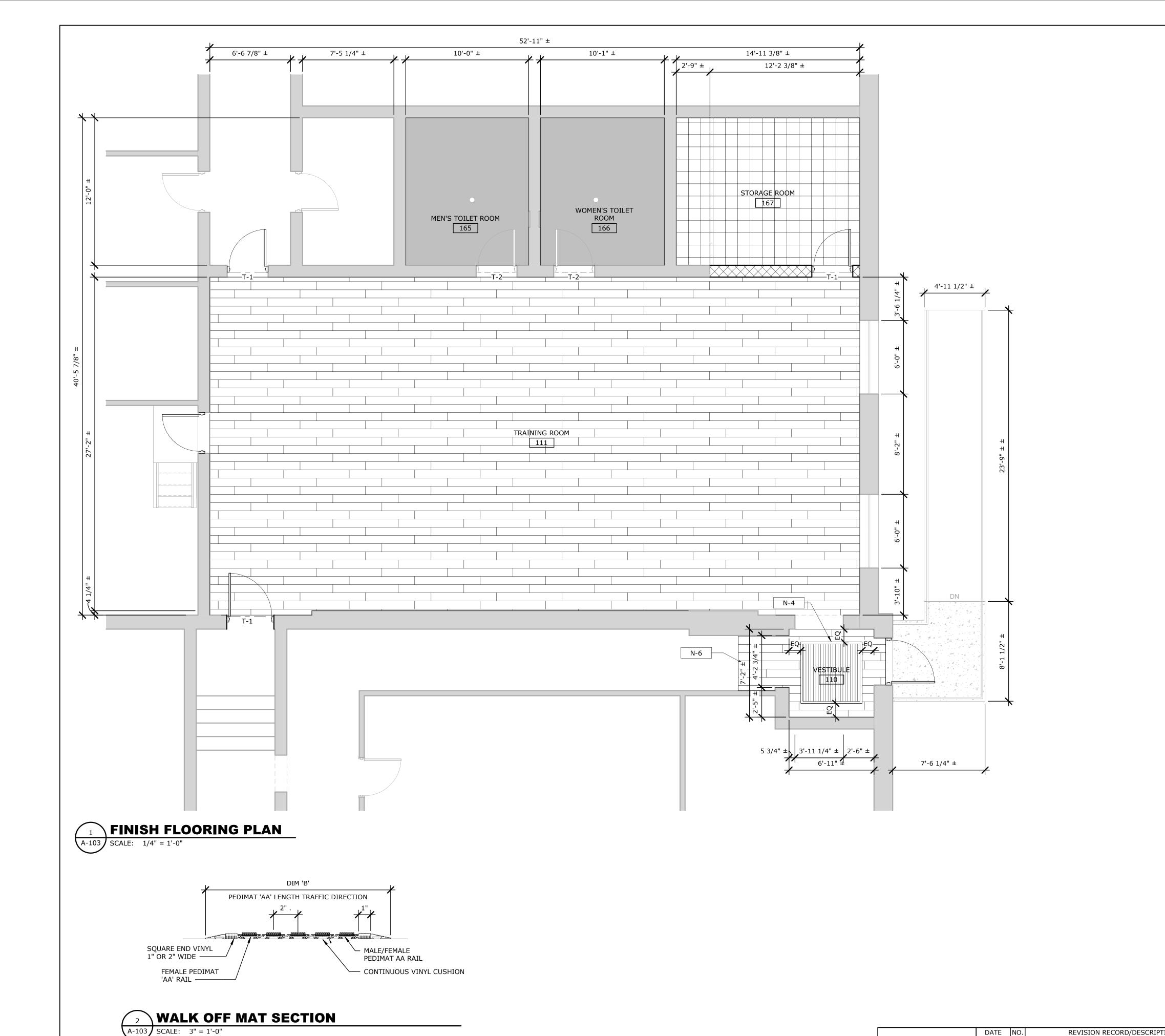
- 1. ALL HEIGHTS SHOWN ARE HEIGHT ABOVE FINISH FLOOR.
- ALL CEILING GRIDS TO BE CENTERED ON ROOMS WITH CUT TILE AT EDGES OR AS INDICATED BY DIMENSION.
- WHERE SINGLE DOWNLIGHT OR PENDANT IS SHOWN IN ROOM OR SOFFIT, CENTER LUMINAIRE IN N/S AND E/W DIRECTIONS, UNLESS NOTED OTHERWISE.
- 4. WHERE DOWNLIGHT OR PENDANT IS SHOWN IN ACT, CENTER LUMINAIRE IN N/S AND E/W DIRECTIONS WITHIN GRID, UNLESS NOTED OTHERWISE.
- 5. ALL SPRINKLER HEADS TO BE LOCATED IN CENTER OF TILES. SPRINKLER HEAD LAYOUT NOT SHOWN, TO BE PROVIDED PER FIRE PROTECTION DRAWINGS AND SPECIFICATIONS.
- 6. ALL SPACES WITH NO HEIGHT OR MATERIAL DESIGNATIONS ARE ASSUMED TO BE OPEN TO STRUCTURE ABOVE.
- 7. REFER TO STAIR DRAWINGS FOR ADDITIONAL STAIR CEILING INFORMATION.

CEILING LEGEND

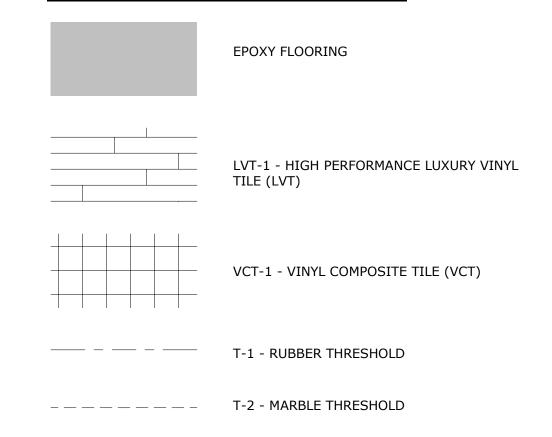


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	PROJ. NO : 23.3591	C.T. MALE ASSOCIATES		A -	102
	SCALE : As indicated	Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C. 50 CENTURY HILL DRIVE, LATHAM, NY 12110 PH: 518.786.7400		SHEET	06 OF 15
	DATE: 12/21/23	GLENS FALLS, NY • JOHNSTOWN, NY • POUGHKEEPSIE, NY • SYRACUSE, NY	www.ctmale.com	DWG. NO:	23-0678



FLOORING LEGEND



	NEW KEYED NOTES
KEY VALUE	KEYNOTE TEXT
N-1	PREP GALVANIZE HANDRAILS AS REQUIRED AND APPLY NEW GALVANIZED COATING AT BOTTOM 12" OF EACH VERTICAL POST.
N-2	PATCH ACCESSIBLE CONCRETE RAMP SURFACE AND FOUNDATION WALLS AS REQUIRED WITH REPAIR MIX, REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
N-3	PROVIDE AUTOMATIC DOOR OPENING SYSTEM AT ACCESSIBLE ENTRANCE DOOR, INCLUDING ALL WIRING, PUSH BUTTON ACTIVATORS, HARDWARE AND SIGNAGE REQUIRED FOR A FULL AND COMPLETE ASSEMBLY. COORDINATE WITH DOOR AND DOOR HARDWARE INSTALLATION.
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N-9	REINSTALL SALVAGED SINKS AND ASSOCIATED HARDWARE, MODIFY SANITARY AND DOMESTIC WATER LINES AS REQUIRED FOR NEW INSTALLATION IN ACCORDANCE WITH PCNYS.

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SCALE : As indicated

DATE: 12/21/23

	DOOR SCHEDULE																				
	DOOR					FRAME						FIRE									
		SIZE					DETAIL			DETAIL		DETAIL		DETAIL		DETAIL			HDWR	RATING	
NO.	WIDTH	HEIGHT	THICKNESS	TYPE	MATL	TYPE	MATL	HEAD	JAMB	SILL	GLASS	GROUP	(MIN.)	COMMENTS							
110A	3'-6"	7'-0"	0'-1 3/4"	DG	ALUM-INSUL	102	ALUM-INSUL				TIG			REFER TO DOOR NOTE 1							
111A	3'-6"	7'-0"	0'-1 3/4"	N	G-HM	101	G-HM				FPRG		90 MIN								
111B	3'-0"	7'-0"	0'-1 3/4"	F	G-HM	101	G-HM						90 MIN								
111C	3'-0"	7'-0"	0'-1 3/4"	N	G-HM	101	G-HM				FPRG		90 MIN								
165A	3'-0"	7'-0"	0'-1 3/4"	F	EXISTING	101	EXISTING							REFER TO DOOR NOTE 2							
166A	3'-0"	7'-0"	0'-1 3/4"	F	EXISTING	101	EXISTING							REFER TO DOOR NOTE 2							
167A	3'-0"	7'-0"	0'-1 3/4"	F	G-HM	101	G-HM														

	ROOM FINISH SCHEDULE													
		BASE		FLOOR WALLS			FLOOR		WALLS			CEIL	ING	
ROOM NO.	ROOM NAME	MATL	MATL	FINISH	TYPE	MATL	FINISH	TYPE	MATL	FINISH	REMARKS			
110	VESTIBULE	WB-1	LVT	1		E-STUCCO	PTD		ACT	1	REFER TO ROOM FINISH NOTE 1			
111	TRAINING ROOM	WB-1	LVT	1		N-STUCCO	PTD		GWB/ACT	1	REFER TO ROOM FINISH NOTE 2			
165	MEN'S TOILET ROOM	WB-2	EPOXY	1		N-STUCCO	PTD		ACT	2	REFER TO ROOM FINISH NOTE 2&3			
166	WOMEN'S TOILET ROOM	WB-2	EPOXY	1		N-STUCCO	PTD		ACT	2	REFER TO ROOM FINISH NOTE 2&3			
167	STORAGE ROOM	WB-1	VCT	1		E-CMU / N-CMU	PTD		ACT	1				

DOOR SCHEDULE NOTE

- 1. COORDINATE INSTALLATION OF NEW ALUMINUM STOREFRONT DOOR, DOOR HARDWARE, MOTORIZED DOOR OPERATOR AND ASSOCIATED WIRING AND CONTROLS.
- 2. EXISTING RESTROOM DOORS TO REMAIN. NEW WORK SCOPE SHALL INCLUDE:
- A. NEW RESTROOM SIGNAGE
- B. CLEAN, PATCH, PREP & REPAINT DOOR & FRAME AS REQUIRED TO REMOVE DENTS, DETERIORATION AND OTHER BLEMISHES AND PROVIDE A CLEAN "LIKE-NEW" APPEARANCE.
- C. HARDWARE PROVIDE NEW DOOR CLOSER, PUSH/PULL HANDLE & PLATE, KICKPLATE, CLOSURE PLATE AT JAMB OPENINGS AND DOOR HOLD OPEN.
- D. REFER TO ALTERNATES LIST FOR ADDITIONAL INFORMATION.

ROOM FINISH SCHEDULE NOTES

- 1. SAND DOWN EXISTING STUCCO TEXTURE TO A SMOOTH FINISH SIMILAR TO NEW APPLICATION AND FINISH AT OTHER SPACES. STUCCO AND PAINTED FINISH TO BE APPLIED AT ALL WALL, JAMB AND OPENING HEAD LOCATIONS FOR A CONTINUOUS AND CONSISTENT APPEARANCE.
- 2. PREPARATION OF EXISTING MASONRY WALLS INCLUDING REMOVAL OF EXISTING PAINTED FINISH IN ORDER TO PROVIDE ADEQUATE BONDING OF NEW STUCCO MATERIAL AND PAINTED
- FINISH. STUCCO AND PAINTED FINISH TO BE APPLIED AT ALL WALLS AND OPENING SILL/JAMB/HEAD LOCATIONS FOR A CONTINOUSE AND CONSISTENT APPEARANCE.
- A. INSTALL NEW DOOR FRAMES PRIOR TO HEAD AND JAMB APPLICATION AND PROVIDE BACKER ROD AND SELANT JOINT AT FRAME PERIMETER.
- B. INSTALL WALL BASE ONCE STUCCO AND PAINTED FINISH HAVE BEEN APPLIED. CAULK JOINT AT TOP OF WALL BASE WITH COLOR MATCHING CAULK.
- 3. BASE BID TO INCLUDE WALL STUCCO AND PAINTED FINISH WITH EPOXY FLOORING AND INTREGRAL EPOXY WALL BASE. REFER TO ALTERNATES LIST FOR ADDITIONAL INFORMATION.
- 4. DOOR/OPENING THRESHOLDS TO BE PROVIDED AT ALL CHANGES IN FLOOR MATERIAL.

DOOR SCHEDULE KEY

COMP COMPOSITE-MANUFACTURER'S STANDARD

EXISTING EXISTING ASSEMBLY FPRIG FIRE PROTECTION RATED INSULATED GLAZING FPRG FIRE PROTECTION RATED GLAZING

G-HM GALVANIZED HOLLOW METAL HOLLOW METAL

INSULATED TEMPERED INSULATED GLASS **ROOM FINISH SCHEDULE KEY**

ACOUSTIC CEILING TILE E-CMU

N-CMU CONC CONCRETE

GYPSUM WALL BOARD LVT LUXURY VINYL TILE

E-STUCCO EXISTING STUCCO FINISH

SEE SCHEDULE 4 1/16" VARIES 4 1/16" 5 SEE SCHEDULE 2" SEE 2" 102 101 DG **DOOR FRAME TYPE DOOR TYPES** SCALE: N.T.S. SCALE: N.T.S.

EXISTING CONCRETE MASONRY UNIT NEW CONCRETE MASONRY UNIT

CERAMIC TILE EPOXY FLOORING SYSTEM **EPOXY**

PTD PAINTED RUBBER STRUCT EXPOSED STRUCTURE

N-STUCCO NEW STUCCO FINISH VINYL COMPOSITION TILE

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FIRE ALARM AND **DETECTION SYSTEMS NOTES**

- $1.\;\;$ THE CONSTRUCTION DOCUMENTS SHALL BE USED AS THE BASIS OF DESIGN BY THE DELEGATED ENGINEER. FINAL INITIATING AND INDICATING APPLIANCE DEVICE QUANTITIES, COVERAGE, APPLICATION, DECIBEL
- RATINGS, ETC. SHALL BE THE RESPONSIBILITY OF THE DELEGATED ENGINEER. 2. THE FIRE SYSTEM INSTALLER SHALL BE CERTIFIED BY THE FIRE ALARM SYSTEM MANUFACTURER. THE INSTALLER SHALL DESIGN AND PROVIDE ALL SYSTEM COMPONENTS AS REQUIRED TO PROTECT THE PREMISES
- AND TO PROVIDE A COMPLETE AND OPERATIONAL SYSTEM. SHOP DRAWINGS, IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 907.1.1 OF THE INTERNATIONAL BUILDING CODE AND THE 2017 NYS UNIFORM CODE SUPPLEMENT, SHALL BE SUBMITTED BY THE CONTRACTOR FOR REVIEW AND APPROVAL PRIOR TO SYSTEM INSTALLATION, AND SHALL INCLUDE, BUT NOT BE LIMITED TO, ALL OF THE FOLLOWING WHERE APPLICABLE TO THE SYSTEM BEING INSTALLED:
- A. LOCATIONS OF ALARM-INITIATING DEVICES. B. LOCATIONS OF ALARM NOTIFICATION APPLIANCES, INCLUDING CANDELA RATINGS FOR VISIBLE ALARM
- NOTIFICATION APPLIANCES. C. DESIGN MINIMUM AUDIBILITY LEVEL FOR OCCUPANT NOTIFICATION.
- D. LOCATION OF FIRE ALARM CONTROL UNIT, TRANSPONDERS AND NOTIFICATION POWER SUPPLIES.
- E. ANNUNCIATORS. F. POWER CONNECTION.
- G. BATTERY CALCULATIONS.
- H. CONDUCTOR TYPE AND SIZES. VOLTAGE DROP CALCULATIONS
- MANUFACTURERS' DATA SHEETS INDICATING MODEL NUMBERS AND LISTING INFORMATION FOR
- EQUIPMENT, DEVICES AND MATERIALS.
- K. DETAILS OF CEILING HEIGHT AND CONSTRUCTION. L. THE INTERFACE OF FIRE SAFETY CONTROL FUNCTIONS.
- M. CLASSIFICATION OF THE SUPERVISING STATION.
- 4. SHOP DRAWINGS SHALL BE REVIEWED AND APPROVED BY THE DELEGATED ENGINEER (NEW YORK STATE REGISTERED PROFESSIONAL ENGINEER) AND APPROVED FOR CONFORMANCE WITH THE DESIGN CONCEPT AND ALL APPLICABLE CODES AND STANDARDS. THE SUBMITTAL SHALL PROVIDE EVIDENCE OF SUCH REVIEW - SEAL AND SIGNATURE. PLANS MAY NOT BE ACCEPTED, OR THE REVIEW MAY BE DELAYED, IF ITEMS SPECIFIC TO THE PLANS BEING SUBMITTED ARE NOT INCLUDED.
- 5. EQUIPMENT. SYSTEMS AND THEIR COMPONENTS SHALL BE LISTED AND APPROVED FOR THE PURPOSE FOR WHICH THEY ARE INSTALLED IN ACCORDANCE WITH BCNYS SECTION 907.1.2.
- 6. IN AREAS THAT ARE NOT CONTINUOUSLY OCCUPIED, A SINGLE SMOKE DETECTOR SHALL BE PROVIDED AT THE LOCATION OF EACH FIRE ALARM CONTROL UNIT, NOTIFICATION APPLIANCE CIRCUIT POWER EXTENDERS, AND SUPERVISING STATION TRANSMITTING EQUIPMENT.
- A. WHERE AMBIENT CONDITIONS PROHIBIT INSTALLATION OF A SMOKE DETECTOR, A HEAT DETECTOR SHALL
- MANUAL FIRE ALARM BOXES SHALL BE LOCATED NOT MORE THAN 5 FEET FROM THE ENTRANCE TO EACH EXIT. A. THE HEIGHT OF THE MANUAL FIRE ALARM BOXES SHALL BE A MINIMUM OF 42 INCHES AND A MAXIMUM OF 48 INCHES, MEASURED VERTICALLY, FROM THE FLOOR LEVEL TO THE ACTIVATING HANDLE OR LEVER OF
- B. MANUAL FIRE ALARM BOXES SHALL BE RED IN COLOR.
- C. MANUAL FIRE ALARM BOXES SHALL BE ACCESSIBLE, UNOBSTRUCTED, UNOBSCURED AND VISIBLE AT ALL
- 8. WHERE AN AUTOMATIC SMOKE DETECTION SYSTEM IS REQUIRED IT SHALL UTILIZE SMOKE DETECTORS UNLESS AMBIENT CONDITIONS PROHIBIT SUCH AN INSTALLATION. IN SPACES WHERE SMOKE DETECTORS CANNOT BE UTILIZED DUE TO AMBIENT CONDITIONS, APPROVED AUTOMATIC HEAT DETECTORS SHALL BE PERMITTED.
- 9. A FIRE ALARM SYSTEM SHALL ANNUNCIATE AT THE FIRE ALARM CONTROL UNIT AND SHALL INITIATE OCCUPANT NOTIFICATION UPON ACTIVATION. UNLESS OTHERWISE ALLOWED TO ANNUNCIATE AT A CONSTANTLY ATTENDED LOCATION, IT SHALL BE ACTIVATED BY: A. AUTOMATIC FIRE DETECTORS.
- B. AUTOMATIC SPRINKLER SYSTEM WATERFLOW DEVICES.
- C. MANUAL FIRE ALARM BOXES.
- D. AUTOMATIC FIRE-EXTINGUISHING SYSTEMS.
- 10. ALARM NOTIFICATION APPLIANCES SHALL BE PROVIDED AND SHALL BE LISTED FOR THEIR PURPOSE. 11. AUDIBLE ALARM NOTIFICATION APPLIANCES SHALL BE PROVIDED AND SHALL SOUND A DISTINCTIVE SOUND THAT IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN THAT OF A FIRE ALARM.
- A. THE AUDIBLE ALARM NOTIFICATION APPLIANCES SHALL PROVIDE A SOUND PRESSURE LEVEL OF 15 DECIBELS (DBA) ABOVE THE AVERAGE AMBIENT SOUND LEVEL OR 5 DBA ABOVE THE MAXIMUM SOUND LEVEL HAVING A DURATION OF AT LEAST 60 SECONDS, WHICHEVER IS GREATER, IN EVERY OCCUPIED
- SPACE WITHIN THE BUILDING. 12. THE MAXIMUM SOUND PRESSURE LEVEL FOR AUDIBLE ALARM NOTIFICATION APPLIANCES SHALL BE 110 DBA AT THE MINIMUM HEARING DISTANCE FROM THE AUDIBLE APPLIANCE. WHERE THE AVERAGE AMBIENT NOISE IS GREATER THAN 95 DBA, VISIBLE ALARM NOTIFICATION APPLIANCES SHALL BE PROVIDED IN ACCORDANCE
- WITH NFPA 72 AND AUDIBLE ALARM NOTIFICATION APPLIANCES SHALL NOT BE REQUIRED. 13. VISIBLE ALARM NOTIFICATION APPLIANCES SHALL BE PROVIDED IN PUBLIC USE AREAS AND COMMON USE
- A. WHERE EMPLOYEE WORK AREAS HAVE AUDIBLE ALARM COVERAGE, THE NOTIFICATION APPLIANCE CIRCUITS SERVING THE EMPLOYEE WORK AREAS SHALL BE INITIALLY DESIGNED WITH NOT LESS THAN 20-PERCENT SPARE CAPACITY TO ACCOUNT FOR THE POTENTIAL OF ADDING VISIBLE NOTIFICATION APPLIANCES IN THE FUTURE TO ACCOMMODATE HEARING-IMPAIRED EMPLOYEE(S).
- 14. WIRING SHALL COMPLY WITH THE REQUIREMENTS OF NFPA 70 AND NFPA 72. 15. THE PRIMARY AND SECONDARY POWER SUPPLY FOR THE FIRE ALARM SYSTEM SHALL BE PROVIDED IN
- ACCORDANCE WITH NFPA 72. 16. ACCESS SHALL BE PROVIDED TO EACH FIRE ALARM DEVICE AND NOTIFICATION APPLIANCE FOR PERIODIC
- INSPECTION, MAINTENANCE AND TESTING. 17. SMOKE- OR HEAT-DETECTOR SPACING:
- A. COMPLY WITH THE "SMOKE-SENSING FIRE DETECTORS" SECTION IN THE "INITIATING DEVICES" CHAPTER IN NFPA 72, FOR SMOKE-DETECTOR SPACING.
- B. COMPLY WITH THE "HEAT-SENSING FIRE DETECTORS" SECTION IN THE "INITIATING DEVICES" CHAPTER IN NFPA 72, FOR HEAT-DETECTOR SPACING.
- C. SMOOTH CEILING SPACING SHALL NOT EXCEED 30 FEET.
- D. SPACING OF DETECTORS FOR IRREGULAR AREAS, FOR IRREGULAR CEILING CONSTRUCTION, AND FOR HIGH CEILING AREAS SHALL BE DETERMINED ACCORDING TO NFPA 72. E. HVAC: LOCATE DETECTORS NOT CLOSER THAN 36 INCHES FROM AIR-SUPPLY DIFFUSER OR RETURN-AIR
- OPENING.
- F. LIGHTING FIXTURES: LOCATE DETECTORS NOT CLOSER THAN 12 INCHES FROM ANY PART OF A LIGHTING FIXTURE AND NOT DIRECTLY ABOVE PENDANT MOUNTED OR INDIRECT LIGHTING.
- 18. PATHWAYS SHALL BE INSTALL IN EMT CONDUITS. A. EXPOSED EMT CONDUITS SHALL BE PAINTED RED ENAMEL.
- 19. GROUND FIRE ALARM CONTROL UNIT AND ASSOCIATED CIRCUITS, COMPLY WITH IEEE 1100. INSTALL A GROUND WIRE FROM MAIN SERVICE GROUND TO FIRE ALARM CONTROL UNIT.
- A. GROUND SHIELDED CABLES AT THE CONTROL PANEL LOCATION ONLY. INSULATE SHIELD AT DEVICE
- 20. COMPLY WITH NFPA 72, NFPA 101, AND REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION FOR
- INSTALLATION AND TESTING OF FIRE-ALARM EQUIPMENT. INSTALL ALL ELECTRICAL WIRING TO COMPLY WITH REQUIREMENTS IN NFPA 70 INCLUDING, BUT NOT LIMITED TO, ARTICLE 760, "FIRE ALARM SYSTEMS." A. DEVICES PLACED IN SERVICE BEFORE ALL OTHER TRADES HAVE COMPLETED CLEANUP SHALL BE REPLACED.
- B. DEVICES INSTALLED BUT NOT YET PLACED IN SERVICE SHALL BE PROTECTED FROM CONSTRUCTION DUST, DEBRIS, DIRT, MOISTURE, AND DAMAGE ACCORDING TO MANUFACTURER'S WRITTEN STORAGE
- C. INSTALL A COVER ON EACH SMOKE DETECTOR THAT IS NOT PLACED IN SERVICE DURING CONSTRUCTION. COVER SHALL REMAIN IN PLACE EXCEPT DURING SYSTEM TESTING. REMOVE COVER PRIOR TO SYSTEM TURNOVER. 21. UPON COMPLETION OF THE INSTALLATION, THE FIRE ALARM SYSTEM AND ALL FIRE ALARM COMPONENTS SHALL
- BE TESTED IN ACCORDANCE WITH NFPA 72. A. WHEN THE INSTALLATION OF THE ALARM DEVICES IS COMPLETE, EACH DEVICE AND INTERCONNECTING WIRING FOR MULTIPLE-STATION ALARM DEVICES SHALL BE TESTED IN ACCORDANCE WITH THE SMOKE
- ALARM PROVISIONS OF NFPA 72. 22. A RECORD OF COMPLETION IN ACCORDANCE WITH NFPA 72 VERIFYING THAT THE SYSTEM HAS BEEN INSTALLED AND TESTED IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS SHALL BE
- 23. OPERATING, TESTING AND MAINTENANCE INSTRUCTIONS AND RECORD DRAWINGS ("AS BUILTS") AND
- EQUIPMENT SPECIFICATIONS SHALL BE PROVIDED AT AN APPROVED LOCATION. 24. SMOKE DETECTOR SENSITIVITY SHALL BE CHECKED WITHIN ONE YEAR AFTER INSTALLATION AND EVERY ALTERNATE YEAR THEREAFTER. AFTER THE SECOND CALIBRATION TEST, WHERE SENSITIVITY TESTS INDICATE THAT THE DETECTOR HAS REMAINED WITHIN ITS LISTED AND MARKED SENSITIVITY RANGE (OR 4-PERCENT
- OBSCURATION LIGHT GREY SMOKE, IF NOT MARKED), THE LENGTH OF TIME BETWEEN CALIBRATION TESTS SHALL BE PERMITTED TO BE EXTENDED TO NOT MORE THAN 5 YEARS. WHERE THE FREQUENCY IS EXTENDED, RECORDS OF DETECTOR-CAUSED NUISANCE ALARMS AND SUBSEQUENT TRENDS OF THESE ALARMS SHALL BE MAINTAINED. IN ZONES OR AREAS WHERE NUISANCE ALARMS SHOW ANY INCREASE OVER THE PREVIOUS YEAR, CALIBRATION TESTS SHALL BE PERFORMED.
- 25. THE BUILDING OWNER SHALL BE RESPONSIBLE TO MAINTAIN THE FIRE AND LIFE SAFETY SYSTEMS IN AN OPERABLE CONDITION AT ALL TIMES, SERVICE PERSONNEL SHALL MEET THE OUALIFICATION REQUIREMENTS OF NFPA 72 FOR INSPECTION, TESTING AND MAINTENANCE OF SUCH SYSTEMS. RECORDS OF INSPECTION, TESTING AND MAINTENANCE SHALL BE MAINTAINED.

GENERAL ELECTRICAL NOTES:

- 1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE BUILDING CODE OF NYS (BCYNS), THE ENERGY CONSERVATION CONSTRUCTION CODE OF NYS (ECCNYS), NATIONAL ELECTRICAL CODE (NEC-2017), LOCAL CODES AND OTHER APPLICABLE SECTIONS OF THE NATIONAL FIRE PROTECTION ASSOCIATION.
- 2. CONTRACTOR SHALL BE RESPONSIBLE FOR FILING ALL LOCAL PERMITTING, REQUIRED INSPECTIONS AND FINAL ACCEPTANCE FROM THE FACILITY OWNER.
- 3. ALL WORK SHALL BE COMPLETED IN A PROFESSIONAL AND WORKMANLIKE MANNER. ALL REQUIRED POWER OUTAGES SHALL BE COORDINATED AND SCHEDULED WITH THE FACILITY'S OWNER TWO WEEKS PRIOR TO THE START OF WORK.
- 4. FURNISH AND INSTALL ALL EOUIPMENT, MATERIALS, CONDUIT WIRING, TERMINATIONS, SUPPORTS AND FASTENERS AS REQUIRED TO PROVIDE A COMPLETE AND OPERATIONAL SYSTEM. . CONTRACTOR SHALL BE RESPONSIBLE TO RESTORE ALL SURFACES AFFECTED BY THE PERFORMANCE OF THIS WORK.
- 6. EQUIPMENT LOCATIONS, CONDUIT ROUTING AND DIMENSIONS SHOWN ON PLANS ARE DIAGRAMMATIC. CONTRACTOR TO FIELD VERIFY AND TAKE OWN MEASUREMENTS TO
- COORDINATE EXACT LOCATIONS OF EQUIPMENT. 7. ALL MATERIALS AND CONDUCTORS SHALL BE SUITABLE AND LISTED FOR THEIR INTENDED USE. 8. CONTRACTOR SHALL ARRANGE AND PAY FOR ANY THIRD PARTY INSPECTIONS REQUIRED.
- 9. MATERIALS, EQUIPMENT AND SYSTEMS SHALL BE LISTED BY NATIONALLY RECOGNIZED TESTING LABORATORY (NRTL) WHEN APPLICABLE AND SHALL MEET ALL PERTINENT REQUIREMENTS OF THE AMERICAN SOCIETY FOR TESTING MATERIALS (ASTM), NATIONAL ELECTRICAL CODE (NEC-2017), THE UNDERWRITERS LABORATORY (UL), THE NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA), NATIONAL FIRE PROTECTION ASSOCIATION (NFPA), AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) OTHER NATIONALLY RECOGNIZED
- AGENCIES AND APPLICABLE LOCAL CODES. 10. ANYTHING DRAWN OR SPECIFIED SHALL NOT BE CONSTRUED TO CONFLICT WITH ANY LOCAL, MUNICIPAL OR STATE LAW, REGULATION OR ORDINANCE WHICH GOVERNS THE INSTALLATION OF ANY ELECTRICAL OR RELATED WORK. ITEMS SHALL NOT BE INSTALLED IN CONFLICT WITH THE NEC OR LOCAL UTILITY. RESOLVE AND REPORT ANY AND ALL CONFLICTS BEFORE INSTALLATION AT NO ADDITIONAL EXPENSE TO THE OWNER.
- 11. ALL EQUIPMENT SHALL BE NEW AND UNUSED UNLESS SPECIFIED OTHERWISE. ALL EQUIPMENT SHALL BE INSTALLED IN STRICT CONFORMANCE TO MANUFACTURERS RECOMMENDATIONS, EXCEPT WHERE CONTRACT DOCUMENTS REQUIRE A HIGHER QUALITY INSTALLATION THAT RECOMMENDED BY MANUFACTURER.
- 12. VERIFY FINAL LOCATIONS FOR ROUGH-INS WITH FIELD MEASUREMENTS AND WITH THE REQUIREMENTS OF THE ACTUAL EQUIPMENT TO BE CONNECTED. VERIFY ALL DIMENSIONS WITH
- 13. SEQUENCE, COORDINATE AND INTEGRATE INSTALLATIONS OF ELECTRICAL MATERIALS AND EQUIPMENT FOR EFFICIENT FLOW OF THE WORK. COORDINATE THE CUTTING AND PATCHING OF BUILDING COMPONENTS TO ACCOMMODATE INSTALLATION OF ELECTRICAL EQUIPMENT AND MATERIALS. COORDINATE DELIVERY OF EQUIPMENT AND FIXTURES TO ACCOMMODATE THE PROJECT CONSTRUCTION SCHEDULE. SUBMIT EQUIPMENT BY EQUAL MANUFACTURERS UNLESS SPECIFIED OTHERWISE. ENGINEER SHALL HAVE FINAL DETERMINATION AS TO EQUIVALENCE OF SUBMITTED PRODUCTS.
- 14. WHERE MOUNTING HEIGHTS ARE NOT DETAILED OR DIMENSIONED, INSTALL ELECTRICAL SERVICES AND OVERHEAD EQUIPMENT TO PROVIDE THE MAXIMUM HEADROOM POSSIBLE. INSTALL ELECTRICAL EQUIPMENT TO FACILITATE MAINTENANCE, REPAIR OR REPLACE
- 15. ALL DEBRIS SHALL BE REMOVED FROM WORK AREAS AND OCCUPIED AREAS AT THE END OF EACH DATE. ON-SITE STORAGE OF MATERIALS SHALL BE AS DIRECTED AND APPROVED BY THE OWNER. ALL MATERIALS THAT ARE COMBUSTIBLE, OR NOT FIRE RETARDANT (SUCH AS WIRE AND SOLVENTS) SHALL BE REMOVED FROM THE PROJECT SITE AT THE END OF EACH WORK DAY UNLESS STORAGE AREAS ARE APPROVED BY THE CONSTRUCTION MANAGER. LEGALLY DISPOSE OF ALL UNWANTED DEMOLITION AND CONSTRUCTION DEBRIS. SUCH DEBRIS SHALL BECOME PROPERTY OF THE CONTRACTOR.
- 16. FIELD VERIFY MINIMUM WORKING SPACE AND CLEARANCE ARE MAINTAINED AT ALL NEW PANEL BOARDS AND ELECTRICAL EQUIPMENT INSTALLATIONS. COORDINATE WITH OTHER TRADES AND DO NOT PERMIT PIPING DUCTS TO PASS OVER PANEL BOARDS AND ELECTRICAL EQUIPMENT WITHOUT PROPER PROTECTION.
- 17. ALL INSTALLED SYSTEMS, DEVICES AND RELATED ITEMS SHALL BE TESTED IN-PLACE ON SITE REPLACE ANY AND ALL CONTRACTOR-SUPPLIED DEFECTIVE DEVICES, ITEMS OR SYSTEMS AT CONTRACTOR'S EXPENSE BEFORE COMPLETION OF THE PROJECT. VERIFY CORRECT ROTATION OF ALL 3-PHASE MOTORS. BE AVAILABLE DURING INITIAL STARTUP OF ALL EQUIPMENT ELECTRICALLY CONNECTED UNDER THIS CONTRACT WHETHER OR NOT STARTUP SERVICE IS BY OTHERS, ARRANGE WITH OWNER TO ENSURE EACH PIECE OF EQUIPMENT ELECTRICALLY CONNECTED UNDER THIS CONTRACT IS STARTED AND CHECKED FOR PROPER ELECTRICAL
- 18. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING CORRESPONDENCE AND FOLLOW-UP CORRESPONDENCE WITH ALL APPROPRIATE PARTIES IN ORDER TO MAINTAIN THE PROJECT CONSTRUCTION AND DELIVERY SCHEDULE. CONTRACTOR SHALL DELIVER SUBMITTALS WITH ADEQUATE REVIEW TIME PER SPECIFICATIONS AS NEEDED TO ORDER EQUIPMENT. FAXED SUBMITTALS WILL NOT BE ACCEPTED. "RUSH" REVIEW OF SUBMITTALS MAY NOT BE PROVIDED SIMPLY AS A MEANS TO ACCELERATE DELIVERY SCHEDULE. PROVIDE EQUIVALENT PRODUCTS BY OTHER THAN SPECIFIED MANUFACTURERS, WHEN APPROVED BY ENGINEER, AS NEEDED TO MEET THE CONSTRUCTION SCHEDULE UNLESS EQUIVALENT MANUFACTURERS ARE PROHIBITED, OR A SELECT GROUP OF MANUFACTURERS ARE GIVEN.
- 19. MINOR ITEMS OF WORK SUCH AS CUTTING, BLOCKING, TRIM, ETC., SHALL BE PERFORMED AS REOUIRED TO MAKE THE WORK COMPLETE AND SECURE WHETHER SHOWN OR NOTED ON THE CONTRACT DOCUMENTS OR NOT.
- 20. ALL CONSTRUCTION, SURFACES, FINISHES, ETC. ALTERED OR EXPOSED BY ANY DEMOLITION, REMOVAL OR INSTALLATION SHALL BE REPAIRED OR REPLACED AS NECESSARY, SYSTEMATICALLY CLEANED, PRIMED, AND FINISHED TO PROVIDE A MATCHING, FINISHED
- APPEARANCE WITH THE SURROUNDING EXISTING CONDITIONS. 21. PROVIDE TEMPORARY PROTECTION FROM THE EXTERIOR WHERE TEMPORARY REMOVAL WORK
- RENDERS INTERIOR SURFACES EXPOSED TO WEATHER OR FREEZING CONDITIONS. 22. PRIOR TO START OF ALL WORK, COORDINATE THE REMOVAL, STORAGE AND/OR DISPOSAL OF INCIDENTAL ITEMS NOT PERMANENTLY AFFIXED TO THE BUILDING WITH THE OWNER. OWNER
- HAS THE RIGHT OF FIRST REFUSAL ON ALL SALVAGE ITEMS. 23. ALL MATERIALS SHALL BE AS SPECIFIED OR EQUAL AS APPROVED BY ARCHITECT/ENGINEER. SPECIFIC MATERIALS SPECIFIED IS MEANT TO INDICATE QUALITY INTENT WHICH WILL BE USED AS A BASIS FOR COMPARISON WHICH SUBSTITUTES SUBMITTED FOR APPROVAL. THE DECISION
- AS TO WHAT IS EQUAL IS TO BE DETERMINED BY THE ARCHITECT/ENGINEER. 24. PROVIDE APPLICABLE SUBMITTALS FOR EQUIPMENT AND FIXTURES TO OWNER FOR REVIEW BEFORE ORDERING EQUIPMENT. COORDINATE SCHEDULING OF WORK TO ALLOW A MINIMUM OF TWO TO THREE HOURS FOR REVIEW TIME PLUS DELIVERY TIME. FAXED SUBMITTALS WILL NOT BE ACCEPTED. INADEQUATE SUBMITTALS WILL BE RETURNED FOR RESUBMISSION. SUBMITTALS WILL BE DEEMED INADEQUATE IF THEY ARE THE WRONG PRODUCT, INCORRECT NUMBER OF COPIES OR DO NOT SPECIFY WHICH PRODUCT IS BEING SUBMITTED WHEN MULTIPLE PRODUCTS ARE INCLUDED WITH MANUFACTURER'S DATA. SUBMITTALS MARKED AS MAKE CORRECTIONS NOTED MAY BE CONSIDERED SUITABLE FOR ORDERING EQUIPMENT IF CORRECTIONS ARE COMPILED WITH THEM. PROVIDE ALTERNATE OR EQUIVALENT MANUFACTURERS WHEN REQUIRED FOR DELIVERY TO MEET THE CONSTRUCTION SCHEDULES. OWNER SHALL DETERMINE IF A PRODUCT IS EQUIVALENT. CONTRACTOR SHALL VERIFY THAT EQUIVALENT PRODUCTS HAVE THE PROPER SUPPORT AND CLEARANCES NEEDED FOR INSTALLATION. SUBMIT OPERATION AND MAINTENANCE MANUALS AT THE TIME OF SUBSTANTIAL COMPLETION

ELECTRICAL DEMOLITION NOTES:

- 1. ALL CIRCUITS TO BE REMOVED OR MODIFIED AS PART OF THIS PROJECT SHALL BE VERIFIED TO
- 2. APPROPRIATE LOCKOUT/TAGOUT (LOTO) CONSISTENT WITH NFPA 70E OR LOCAL PROCEDURES SHALL BE ADHERED TO WHEN LOCKING OUT POWER.
- 3. EQUIPMENT LOCATIONS, CONDUIT ROUTING AND DIMENSIONS SHOWN ON PLANS ARE DIAGRAMMATIC. FIELD VERIFY AND TAKE OWN MEASUREMENTS TO COORDINATE EXACT
- LOCATIONS OF EQUIPMENT WITH OWNER AND ENGINEER OF RECORD. 4. TRACE ALL CIRCUITS CONNECTED TO DEMOLITION EQUIPMENT BACK TO THE MV SWITCH OR JUNCTION BOX BREAKER AND LABEL CIRCUIT TERMINATIONS ACCORDINGLY TO FACILITATE
- 5. CALL 811, DIG SAFELY, PRIOR TO ANY DIGGING OR EXCAVATION ON SITE.
- 6. AREAS IN AND AROUND NEW CABLE TRAY INSTALLATION TO BE CLEARED OF EXISTING TREES, BUSHES, PLANTS AND DEBRIS.

ABBREVIATIONS LIST:

Α	AMP, AMPERE
ADA	AMERICAN DISABILITIES ACT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHC	ABOVE HUNG CEILING
AHJ	AUTHORITY HAVING JURISDICTION
AL, (AL)	ALUMINUM
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
AWG	AMERICAN WIRE GAUGE
BFG	BELOW FINISHED GRAE
BKR	BREAKER
° C	DEGREES CELSIUS
CKT	CIRCUIT
СТ	CURRENT TRANSFORMER
CU, (CU)	COPPER
DATA	DATA COMMUNICATIONS
DWG	DRAWING
EC	ELECTRICAL CONTRACTOR
EGC	EQUIPMENT GROUNDING CONDUCTOR
EM	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
EOR	ENGINEER OF RECORD
(E), EXIST, ETR	EXISTING TO REMAIN
FT.	FOOT
GEC	GROUNDING ELECTRODE CONDUCTOR
GFCI, G	GROUND FAULT CIRCUIT INTERRUPTER
GND, (G)	GROUND
IN.	INCH
J-BOX, JB	JUNCTION BOX
KVA	KILOVOLT AMPERE

CMIL	1000 CIRCULAR MILS
1	METER
1A	MILLIAMP
ив, мсв	MAIN BREAKER, MAIN CIRCUIT BREAKER
1LO	MAIN LUG ONLY
1W	MEGAWATT
J	NEUTRAL
IEC	NATIONAL ELECTRIC CODE (2017)
NEG	NEGATIVE
IFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NRTL	NATIONALLY RECOGNIZED TESTING LABORATORY
I.T.S.	NOT TO SCALE
OCPD	OVER CURRENT PROTECTION DEVICE
·Η	PHASE
.В	POUND
SI	POUNDS PER SQUARE INCH
·Τ	POTENTIAL TRANSFORMER
PWR	POWER
PVC	POLYVINYL CHLORIDE
MC	RIGID METAL CONDUIT
SCH	SCHEDULE
EL	TELEPHONE
TYP.)	TYPICAL
JL	UNDERWRITERS LABORATORY
1	VOLTS
V	WATTS
VP	WEATHERPROOF
(FMR	TRANSFORMER
.0A, 2P	20 AMP, 3 POLE

ELECTRICAL LEGEND

DUPLEX RECEPTACLE G = GFI TYPEL6-30R = NEMA L6-30R TYPEWP = WEATHER PROOF



OUAD RECEPTACLE G = GFI TYPEWP = WEATHER PROOF

SPECIALTY RECEPTACLE CIRCUIT HOMERUN. REFER TO E-601

DN ← CONDUIT TURNING DOWN

FOR PANEL SCHEDULES

UP ◆ CONDUIT TURNING UP

— ■ NEW ELECTRICAL CONDUIT & CONDUCTORS

WALL MOUNTED LIGHT SWITCH 4 = 4-WAY LIGHT SWITCH OSW-1 = WALL MOUNTED OCCUPANCY SENSOR

2'X4' LIGHT FIXTURE (RECESSED MOUNT KIT)

CEILING MOUNTED OCCUPANCY SENSOR

ISSUED FOR BID

ELECTRICAL NOTES AND LEGEND © 2023 MONTOMGERY COUNTY ANNEX TRAINING ROOM C.T. MALE ASSOCIATES **DESIGNER: BRG** RENOVATION DRAFTED : DEG TOWN OF FONDA MONTGOMERY COUNTY, NEW YORK CHECKED: BRG C.T. MALE ASSOCIATES MUL PROJ. NO : 23.3591 Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C. SCALE: 12" = 1'-0" SHEET 10 OF 15 50 CENTURY HILL DRIVE, LATHAM, NY 12110 PH: 518.786.7400 GLENS FALLS, NY • 10HNSTOWN, NY • POUGHKEEPSIE, NY • SYRACUSE, NY DWG. NO: 23-0678 DATE: 12/21/23

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DEMO ELECTRICAL KEYED...

RE-1 REMOVE EXISTING RECEPTICALS. EXISTING CIRCUITS MAY BE REUSED WHEN THEY COMPLY WITH PROJECT SPECIFICATIONS.

RE-2 REMOVE EXISTING SWITCH. EXISTING CIRCUITS MAY BE REUSED WHEN THEY COMPLY WITH PROJECT SPECIFICATIONS.

RE-4 EXISTING FUSED ELECTRICAL PANEL NOT TO BE USED FOR ANY NEW CIRCUITS.

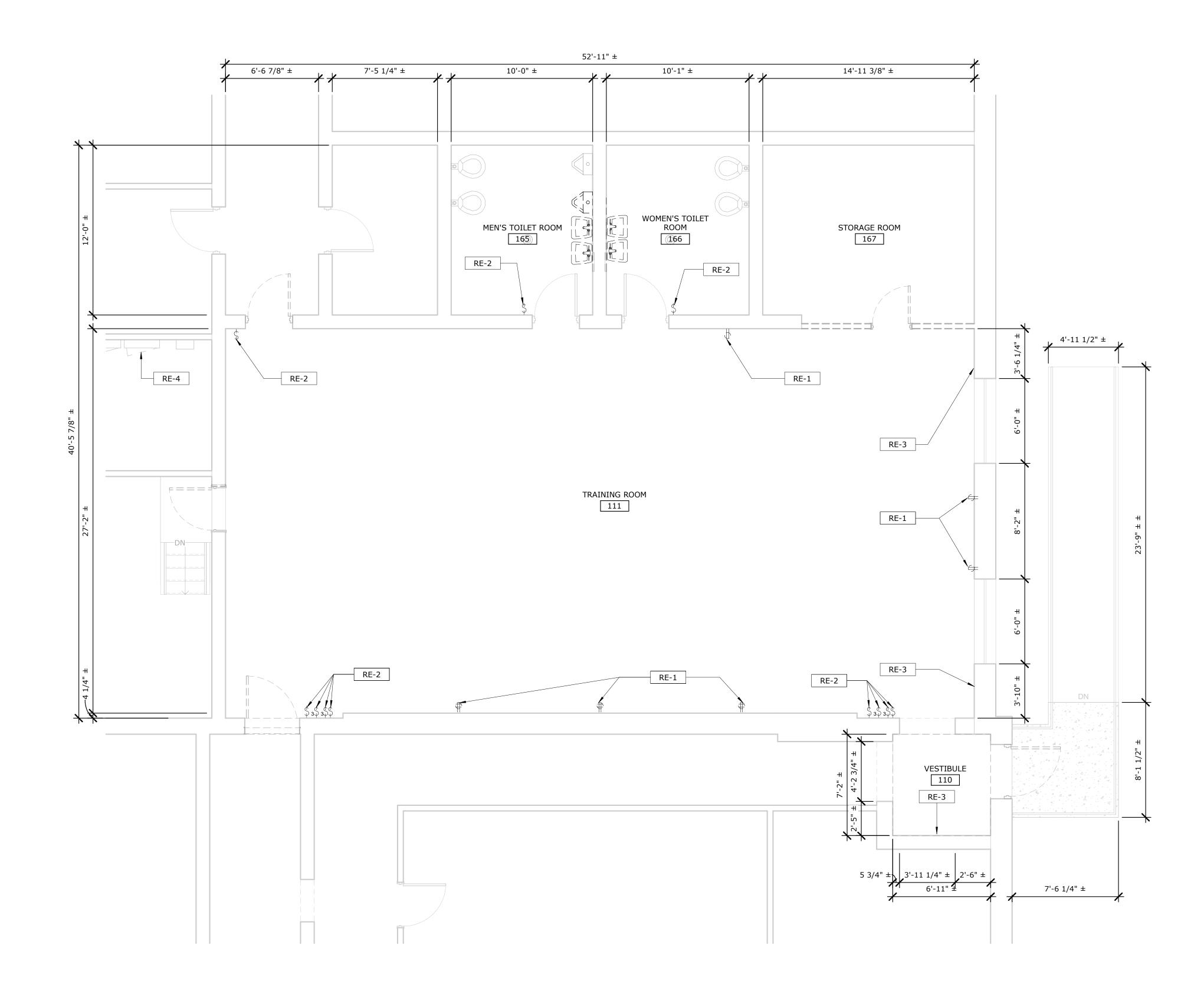
RE-3 REMOVE BACK TO POWER PANEL ANY REMAINING CONECONECTORS FROM

PRE-EXISTING ELECTRIC BASE BOARD HEATERS.

VALUE

KEYNOTE TEXT

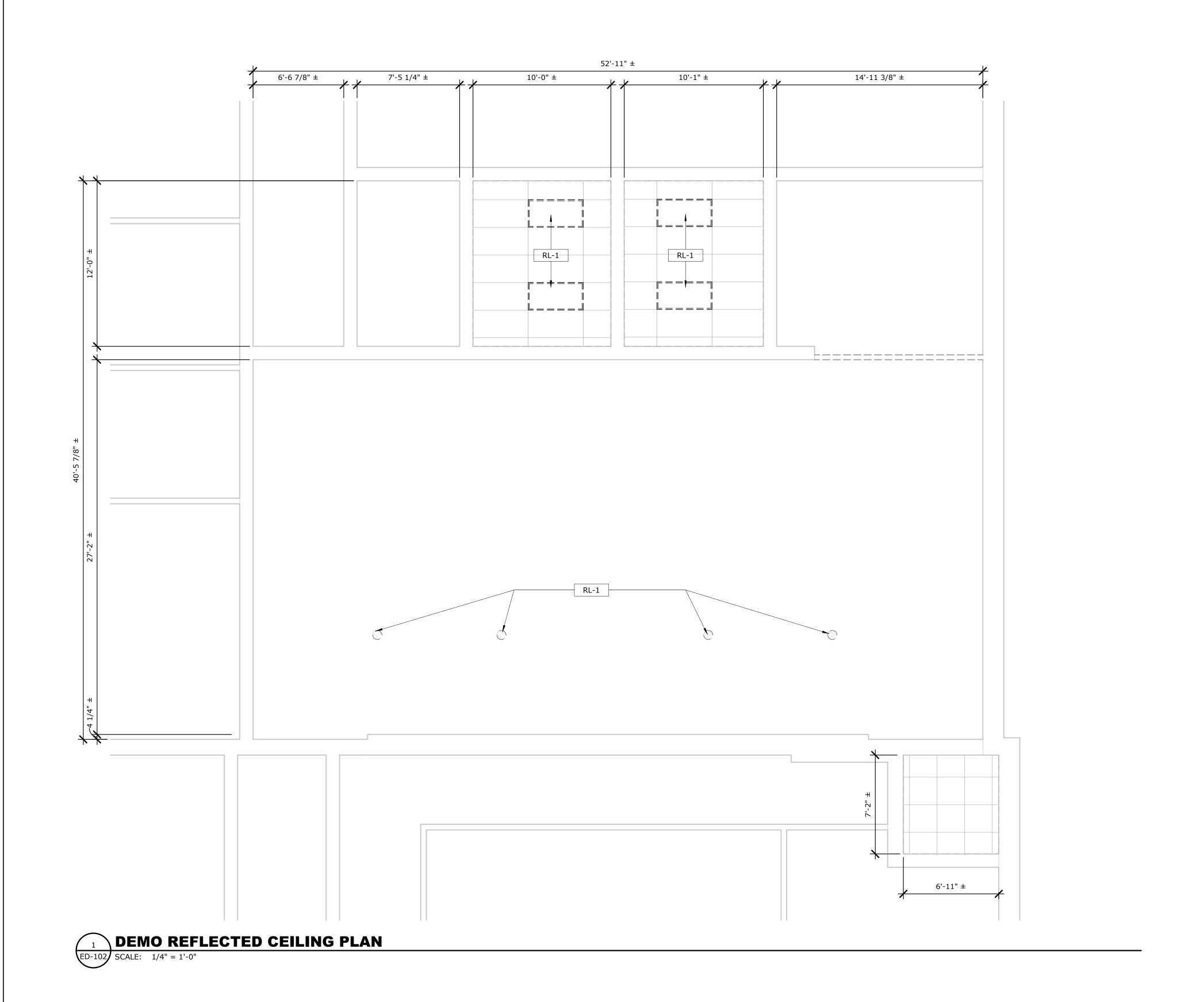
ANY EXISTING CIRCUITS INDECATED FOR REUSE THAT CONNECT TO THIS PANEL ARE TO INSTEAD BE RE-ROUTED TO A SUTABLE LOCAL ALTERNATIVE PANEL.



ELECTRICAL POWER DEMO PLAN

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				DESIGNER : BRG	RENOVATION	
				DRAFTED : DEG	TOWN OF FONDA MONTGOMERY COUNTY, NEW YO)RK
				CHECKED : BRG	C.T. MALE ASSOCIATES M空@ ED-10	4
	PROJ. NO : 23.3591					
				SCALE: 1/4" = 1'-0"	Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C. 50 CENTURY HILL DRIVE, LATHAM, NY 12110 PH: 518.786.7400 SHEET 11 OF 1	5
				DATE: 12/21/23	GLENS FALLS, NY • JOHNSTOWN, NY • POUGHKEEPSIE, NY • SYRACUSE, NY www.ctmale.com DWG. NO: 23-06	78

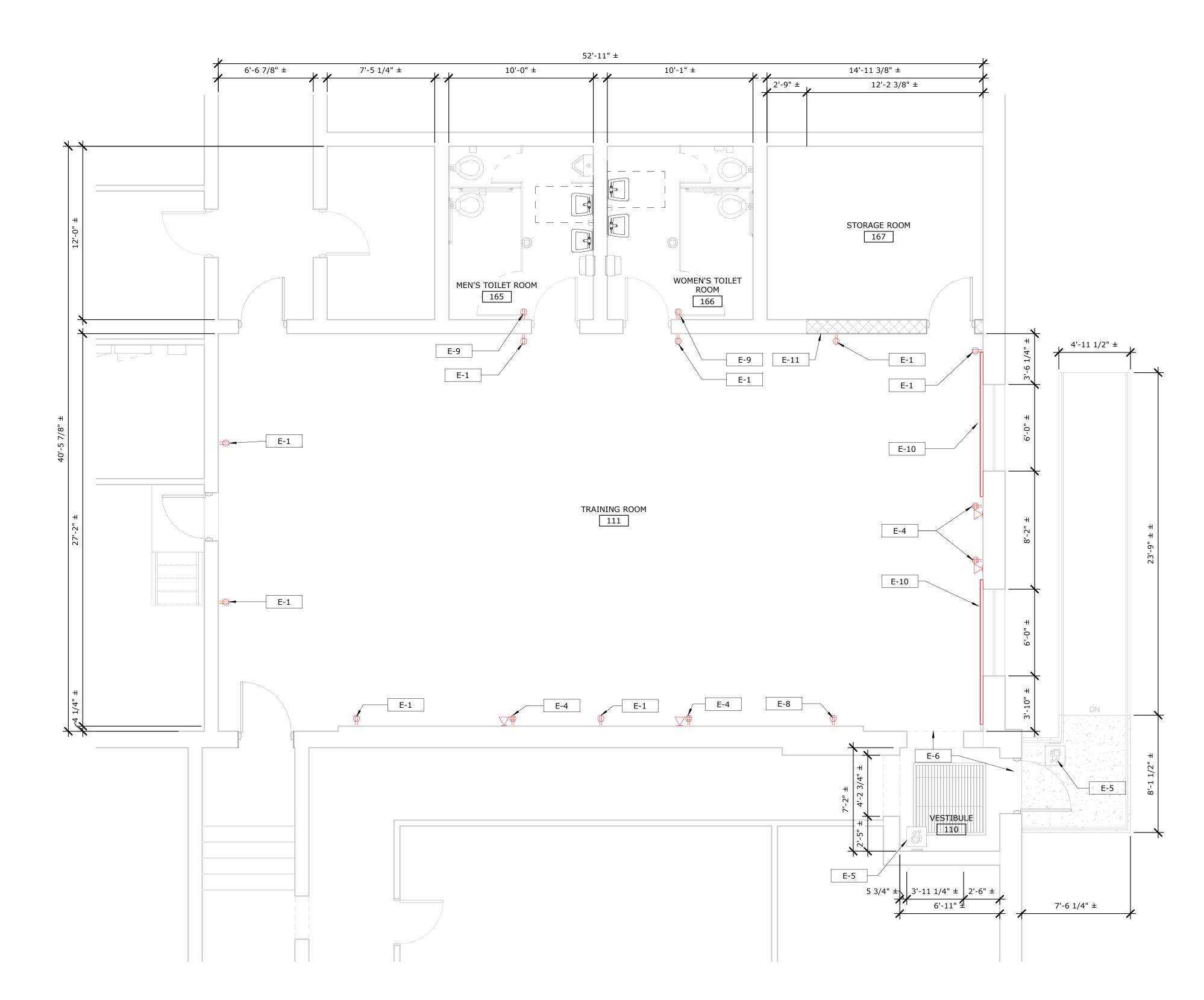


DEMO LIGHTING KEYED... KEY VALUE KEYNOTE TEXT

RL-1 REMOVE EXISTING LIGHT RIXTURE. EXAMINE EXISTING CONDUCTORS/CONDUIT. REUSE OF CONDUCTORS/CONDUIT IS ALLOWED PROVIDED THEY CONFORM TO PROJECT SPECIFICATIONS.

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DESIGNER : BRG	RENOVATION			
DRAFTED : DEG	TOWN OF FONDA MONTGOMERY COUNTY, NEW YORK			
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SCALE: 1/4" = 1'-0"	Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C. 50 CENTURY HILL DRIVE, LATHAM, NY 12110 PH: 518.786.7400 CLENS FALLS, NY - JOHNSTOWN, NY - POLICE PRISE NY - SYNACUSE NY			
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ELECTRICAL POWER PLAN

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				CHECKED : BRG	C.T. MALE ASSOCIATES 桶管面 E	-101		
				PROJ. NO : 23.3591	Fractional Company of the Company of	- 101		
				SCALE : As indicated	Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C. 50 CENTURY HILL DRIVE, LATHAM, NY 12110 PH: 518.786.7400 SHEET	13 OF 15		
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ELECTRICAL KEYED NOTES

VALUE **KEYNOTE TEXT**

KEY

5'-0" AFF.)

E-1 PROVIDE NEW 20A DUPLEX RECEPTACLE, REUSE LOCAL EXISTING CIRCUIT AS NECESSARY (MOUNT AT 2'-0" AFF.) E-4 PROVIDE NEW CONDUCTORS, CONDUIT, DATA AND POWER OUTLET (MOUNT AT

E-5 PROVIDE NEW CONDUCTORS TO POWER AUTOMATIC DOOR OPENER AND PUSH

E-6 EXIT SIGN AND EMERGENCY LIGHT LOCATIONS. E-8 PROVIDE NEW CONDUCTORS AND CONDUIT TO NEW 20A RECEPTICLE. CONNECT

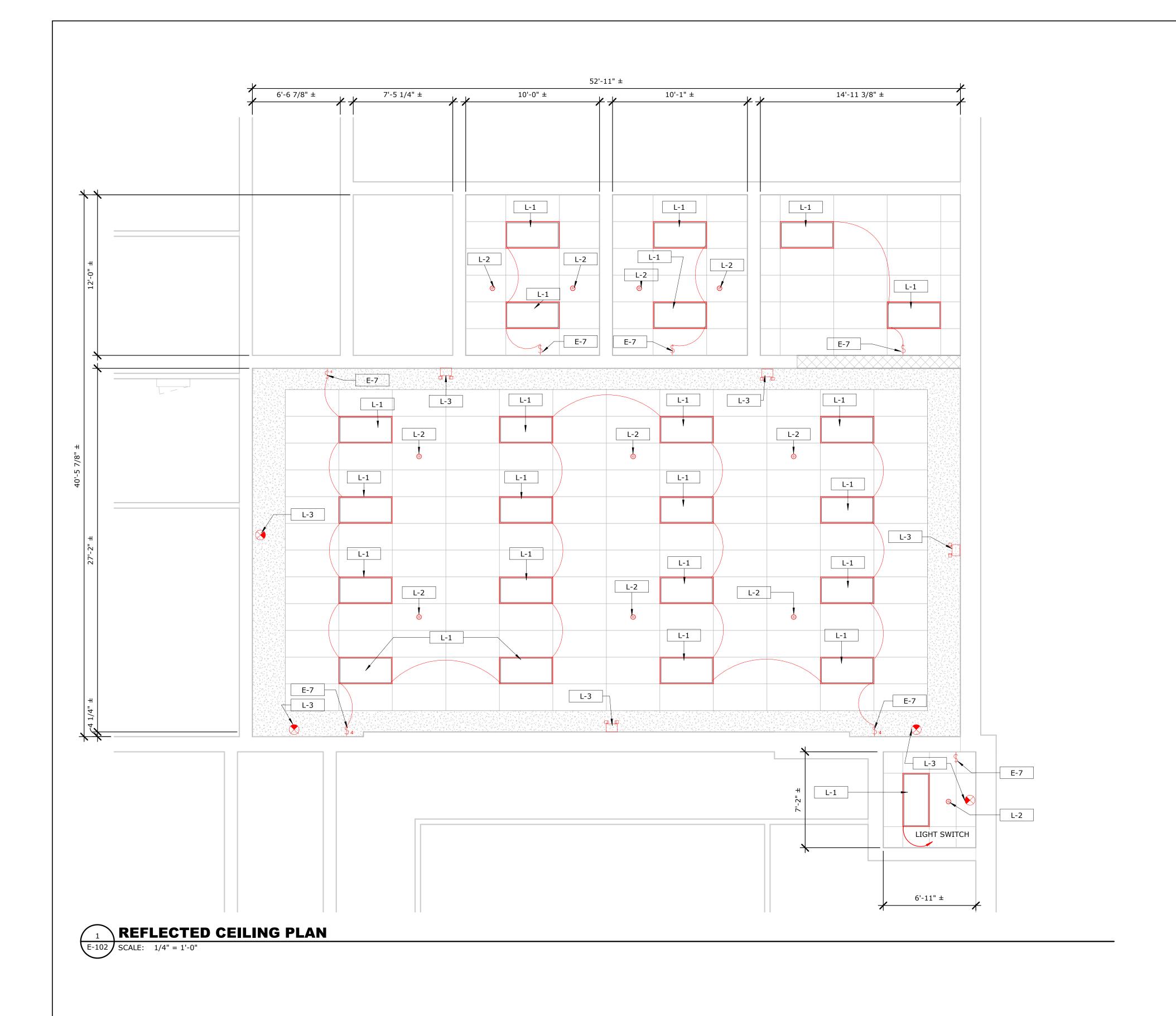
TO SPACE CIRCUIT IN PANEL XXX E-9 PROVIDE NEW GFCI 20A RECEPTACLE, REUSE LOCAL EXISTING CIRCUIT AS

NESSARY (MOUNT AT 2'-0")

E-10 PROVIDE AND INSTALL NEW BASE BOARD HEATING, AND CONDUIT. E-11 PROVIDE AND INSTALL NEW THERMISTAT FOR ELECTRIC BASE BOARD HEATING.

GENERAL ELECTRICAL NOTES

CONNECT NEW EQUIPMENT LOADS TO NEAREST LOCAL PANEL WITH SUFFICIENT CAPACITY TO SUPPORT THE LOADS



LIGHTING KEYED NOTES

KEY VALUE

KEYNOTE TEXT

- L-1
 PROVIDE AND INSTALL NEW LED TROFFER LIGHTS TO FIT 2'X4' CEILING
 GRID. REUSE OF EXISTING CIRCUIT AND CONDUCTORS IS ALLOWED WHERE
 CONDUCTORS/CONDUIT CONFORM WITH PROJECT SPECIFICATIONS

 L-2
 PROVIDE CEILING MOUNTED OCCUPANCY SENSORS, AND CONDUCTORS.
 SENSORS ARE TO CONTROL ALL LIGHTING SUCH THAT MOTION DETECTED
 BY ONE OCCUPANY SENSOR IN THE TRAINING ROOM SWITCHES ALL LIGHTS
- L-3
 EMERGENCY LIGHTING TO BE CONNECED TO LOCAL LIGHTING CIRCUIT SO THAT LOSS OF POWER TO THAT LIGHTING CIRCUIT RESULTS IN EMERGENCYLIGHTS SWITCHING ON

ELECTRICAL KEYED NOTES

KEY VALUE

KEYNOTE TEXT

E-7 CONNECT NEW SWITCH TO EXISTING LOCAL LIGHTING CIRCUIT. REFER TO LIGHTING LAYOUT EL-102. SWITCHES ARE TO PROVIDE A MANUAL BYPASS FOR OCCUPANY SENSORS

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CABLE / CONDUIT SCHEDULE													
ID	VOLTAGE RATING	CIRCUIT VOLTAGE	# CONDUCTORS	CONDUCTOR SIZE	# NEUTRAL	NEUTRAL SIZE	INSULATION TYPE	# GROUND	GROUND SIZE	# CONDUIT	CONDUIT SIZE	CONDUIT TYPE	NOTES
RECEPTACLES	600	120	1	#12AWG	1	#12AWG	THHN	1	#12AWG	1	3/4"	EMT	
LIGHTING	600	120	1	#12AWG	1	#12AWG	THHN	1	#12AWG	1	3/4"	EMT	
BASEBOARD HEATERS	600	240	2	#8AWG	1	#8AWG	THHN	1	#8AWG	1	3/4"	EMT	

	EQUIPMENT SCHEDULE									
EQUIPMENT NAME	QUANTITY	MAKE / MODEL/TYPE	VOLTAGE (V)	AMPERAGE (A)	PHASE	NOTES				
RECEPTACLES	13	-	120	20	1					
GFIC	2	-	120	20	1					
LIGHT SWITCHES	7	-	120	15	1	INCLUDES THREE 4-WAY SWITCHES WITH DIMMING CONTROLS COMPATABLE WITH LIGHTING AND OCCUPANCY SENSORS TO BE INSTALLED				
ETHERNET RECEPTACLE	4	-	-	-	-	2 PORT CAT 6 RJ45 JACK INSERT				
10FT ELECTRIAL BASEBOARD HEATER	3	-	240	10.5	1	INCLUDE COMPATABLE WALL MOUNTED THERMOSTAT				

LIGHT FIXTURE SCHEDULE								
MANUFACTURER	MODEL	QUANTITY	ELECTRICAL DATA	WATTAGE	DESCRIPTION			
COLUMBIA LIGHTING	LJT-24-40-ML-G-U	23	120V	96	2x4 SURFACE MOUNTED LIGHT FIXTURE			
COMPASS	CU2W	4	120V	1.875	EMERGENCY LIGHT FIXTURE			
LUMINOSO	LE-CXPL-U1-RW-N-2SA	3	120/277VAC	1	EMERGENCY EXIT LIGHT FIXTURE WITH EMERGENCY LIGHTING			

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Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C. 50 CENTURY HILL DRIVE, LATHAM, NY 12110 PH: 518.786.7400 CLENS FALLS, NY 10HNSTOWN, NY 10	SCALE: 12" = 1'-0"				
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