

POOL LOCKER ROOM RENOVATIONS AT HOMMOCKS MIDDLE SCHOOL

130 HOMMOCKS ROAD
LARCHMONT, NY 10538

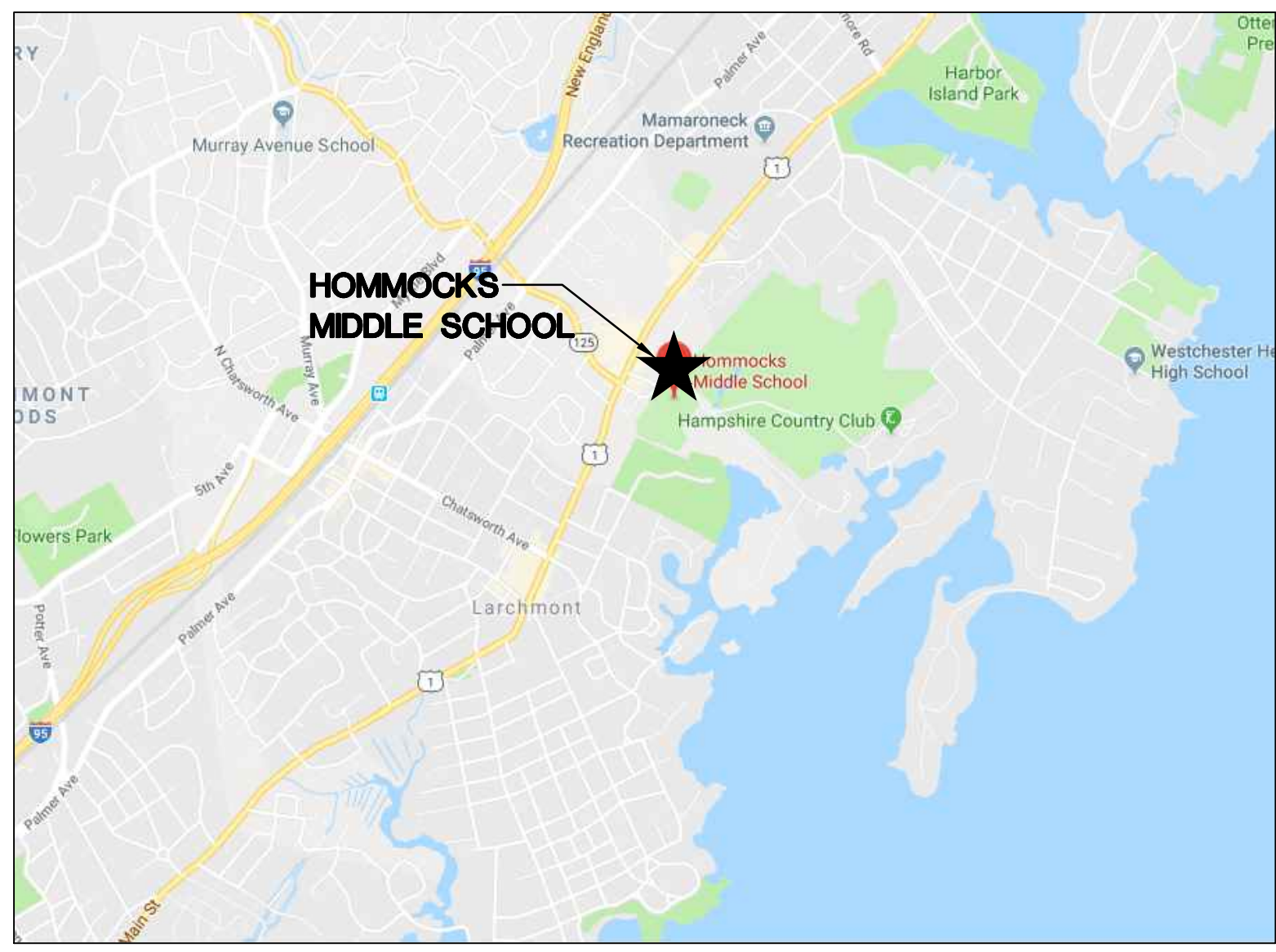


SED #66-07-01-03-0-011-031

Symbols

GRADE LINE	_____	DOOR TAG	(D01)		1	REVISION CLOUD W/ TAG
BORDER LINE, OUTLINE	_____	WINDOW TAG	(W1)			
FIRE SEPARATION WALL	-----	CEILING TAG	(CT-1)		ROOM NAME	ROOM DESIGNATION
SMOKE COMPARTMENT	-----	PLUMBING TAG	(P-1)			
CENTER LINE	-----	EQUIPMENT TAG	(E11)		100	100 SF
OBJECT LINE	_____	WALL TAG	(A)			
ELEVATION LINE	EL. X'-X" T.O. XXX	DEMOLITION NOTE	(1)		BLOW UP PLAN DESIGNATION	A-1
MATCH LINE	PROPOSED EXISTING	CONSTRUCTION NOTE	(1)			
HIDDEN LINE	-----	SLOPE DESIGNATIONS	SL 1/2		INTERIOR ELEVATION	2
DEMOLITION	-----	ADA SYMBOL	(1)			
BREAK LINE	-----		SECTION MARK	1	A2.01	4
BREAK LINE	-----					
BREAK LINE (PIPE)	-----		DRAWING LABEL	1	A2.01	4
FRAMING DESIGNATION	2x10 F.J. @ 16" O.C.					
DIMENSION LINE	-----		NORTH ARROW	1	A2.01	4
COLUMN LINE	(C1)					

Location Map



General Notes

- ALL WORK SHALL CONFORM TO THE 2020 BUILDING CODE OR NEW YORK STATE AND ALL OTHER APPLICABLE CODES, ORDINANCES, ETC. FOR NEW YORK STATE AND THE LOCAL AUTHORITY HAVING JURISDICTION. ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE 2020 BUILDING CODE OF NEW YORK STATE, 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE AND THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE, AND NFPA 70.
- CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE AND FAMILIARIZING THEMSELVES WITH THE EXISTING CONDITIONS AND SCOPE OF THE WORK PRIOR TO SUBMITTING BIDS AND COMMENCING WORK.
- THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL REVIEW DRAWINGS AND FIELD VERIFY ALL DIMENSIONS, CONDITIONS AND ELEVATIONS PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES AND ADDRESS ALL QUESTIONS TO ARCHITECT PRIOR TO COMMENCING WORK.
- THE CONTRACTOR SHALL NOT SCALE DRAWINGS FOR DIMENSIONS. ALL NOTES OR DIMENSIONED INFORMATION TAKES PRECEDENCE OVER THE DRAWING.
- IN ALL CASES WHERE A CONFLICT MAY OCCUR SUCH AS BETWEEN ITEMS COVERED BY SPECIFICATIONS, NOTES ON THE DRAWINGS, OR BETWEEN GENERAL NOTES AND SPECIFIC DETAILS, THE ARCHITECT SHALL BE NOTIFIED AND WILL INTERPRET THE INTENT OF THE CONTRACT DOCUMENTS.
- DETAILS NOTED AS "TYPICAL" (TYP.) SHALL APPLY IN ALL CASES UNLESS SPECIFICALLY SHOWN OR NOTED OTHERWISE.
- WHERE NO SPECIFIC DETAIL IS SHOWN, THE FRAMING OR CONSTRUCTION SHALL BE IDENTICAL AND SIMILAR TO THAT INDICATED FOR LIKE CASES OF CONSTRUCTION.
- CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL SAFE WORKING CONDITIONS AND SHALL OBSERVE ALL SAFETY REQUIREMENTS ESTABLISHED BY JURISDICTIONAL AGENCIES AND THE OWNER. WHERE CONFLICTS EXIST, THE MORE STRINGENT REQUIREMENT SHALL APPLY. CARE SHALL BE EXERCISED TO AVOID ENDANGERING PERSONNEL OR STRUCTURES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION METHODS, PROCEDURES AND JOB SITE CONDITIONS INCLUDING SAFETY. CONSTRUCTION SHALL BE PERFORMED IN SUCH A MANNER TO PROTECT WORKMEN, OCCUPANTS AND THE PUBLIC TO BE PROTECTED FROM INJURY AND ADJOINING PROPERTY SHALL BE PROTECTED FROM DAMAGE BY USE OF SCAFFOLDING, UNDERPINNING OR OTHER APPROVED METHOD. THE CONTRACTOR SHALL REPAIR ANY AND ALL DAMAGE CAUSED DURING OR RESULTING FROM HIS OPERATIONS IN KIND TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL MAINTAIN THE JOB SITE IN A CLEAN, DEBRIS FREE CONDITION. THE DUST RESULTING FROM REMOVALS SHALL BE CONTROLLED SO AS TO PREVENT ITS SPREAD TO OCCUPIED PORTIONS OF THE BUILDING AND TO AVOID CREATION OF A NUISANCE IN THE SURROUNDING AREA.
- CONTRACTOR SHALL REPAIR ANY AND ALL DAMAGE CAUSED DURING OR RESULTING FROM THEIR OPERATIONS IN KIND TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO DISPOSE OF ALL DEMOLISHED MATERIAL OFF SITE IN AN APPROVED MANNER UPON COMPLETION OF WORK. ANY EXTRA BUILDING MATERIALS SHALL BE DISPOSED OF OR TURNED OVER TO THE OWNER AS DIRECTED. THE OWNER SHALL BE CONSULTED PRIOR TO DISPOSAL OF SALVAGED OR EXCESS MATERIALS AT PROJECT COMPLETION. THE WORK AREA SHALL BE LEFT CLEAN TO THE OWNER'S SATISFACTION.
- ALL EXCESS MATERIAL, DEBRIS, ETC. SHALL BE REMOVED AND THE WORK AREA SHALL BE LEFT CLEAN TO THE OWNER'S SATISFACTION.
- CONTRACTOR SHALL COORDINATE SCHEDULING OF WORK WITH THE OWNER'S REQUIREMENTS AND SCHEDULE. CONSTRUCTION ACTIVITIES SHALL COMPLY WITH LOCAL NOISE ORDINANCES REQUIREMENTS.
- CONTRACTOR SHALL FURNISH ALL EQUIPMENT THAT MAY BE REQUIRED TO PERFORM THE WORK INDICATED IN A SAFE AND ORDERLY MANNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RELOCATION AND TEMPORARY SUPPORT OF ANY UTILITIES ENCOUNTERED DURING THE COURSE OF THEIR WORK AND TO ENSURE THE OWNER'S FACILITY TO BE OPERATIONAL. IF REQUIRED, THE CONTRACTOR SHALL MAINTAIN UNOBSTRUCTED ACCESS TO ALL UTILITIES AND PUBLIC FACILITIES INCLUDING FIRE HYDRANTS, FIRE ALARM BOXES, POLICE CALL BOXES, STREET LIGHTS, MANHOLES, AMONG OTHERS DURING DEMOLITION AND CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CUTTING, PATCHING, FILLING AND CLEANING UPON COMPLETION OF WORK.
- THE CONTRACTOR SHALL SUBMIT WHERE REQUIRED, SHOP DRAWINGS TO THE ARCHITECT FOR APPROVAL PRIOR TO THE START OF FABRICATION OR PURCHASE OF THOSE ITEMS.
- THE CONTRACTOR SHALL PROVIDE THE OWNER AND ARCHITECT WITH CERTIFICATES OF INSURANCE, AS SPELLED OUT IN THE SPECIFICATIONS, PRIOR TO STARTING THE WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SHORING AND BRACING OF EXISTING STRUCTURES AS NEEDED TO COMPLETE THE NEW WORK.
- ALL MANUFACTURER'S MATERIALS, COMPONENTS, FASTENERS, ASSEMBLIES, ETC. SHALL BE HANDLED AND INSTALLED IN ACCORDANCE WITH EACH MANUFACTURER'S SPECIFIC INSTRUCTIONS AND RECOMMENDATIONS. WHERE BRAND NAMES AND MANUFACTURED PRODUCTS ARE CALLED FOR, APPROVED EQUALS WHICH MEET APPLICABLE STANDARDS AND SPECIFICATIONS MAY BE SUBSTITUTED WITH WRITTEN PERMISSION OF THE ARCHITECT AND THE OWNER. WHENEVER BRAND NAMES OR SPECIFIC PRODUCT SYSTEMS ARE INDICATED IT SHALL BE CLEARLY UNDERSTOOD THAT SUCH IDENTIFICATION IS FOR THE PURPOSE OF ILLUSTRATING THE TYPE OF PRODUCT AND DEGREE OF QUALITY DESIRED. SUCH IDENTIFICATION IN NO WAY PRECLUDES THE CONTRACTOR FROM USING PRODUCTS OF OTHER MANUFACTURERS WHICH CAN BE SHOWN IN ADVANCE TO BE OF LIKE KIND AND EQUAL QUALITY.
- ALL CHANGES SHALL BE REQUESTED IN WRITING AND MAY ONLY BE APPROVED IN WRITING BY THE ARCHITECT AND THE OWNER PRIOR TO ANY CHANGES BEING MADE.
- THE ARCHITECT AND THE OWNER HAVE THE RIGHT TO REJECT ANY PORTION OF WORK THAT IS POORLY INSTALLED, DOES NOT MEET INDUSTRY STANDARD, UNAUTHORIZED OR WORK DONE CONTRARY TO THE INTENT OF THE CONTRACT DOCUMENTS. SUCH WORK SHALL BE REPLACED, REPAIRED OR REMOVED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL GUARANTEE ALL OF THEIR WORK AND THE WORK OF THEIR SUBCONTRACTORS FOR A PERIOD ONE YEAR AFTER RECEIVING FINAL ACCEPTANCE AND DO ALL REPAIR WORK AND REPLACEMENT AS NECESSARY DURING THAT PERIOD AT THE CONTRACTOR'S EXPENSE.
- IN NO EVENT SHALL STRUCTURAL MEMBERS BE CUT OR DRILLED WITHOUT THE WRITTEN APPROVAL OF A LICENSED STRUCTURAL ENGINEER.
- THE CONTRACTOR SHALL PROVIDE SAFE AND SANITARY CONDITIONS WHERE DEMOLITION AND WRECKING OPERATIONS ARE BEING CARRIED ON. WORK SHALL BE EXECUTED IN SUCH A MANNER THAT HAZARD FROM FIRE, POSSIBILITY OF INJURY, DANGER TO HEALTH AND CONDITIONS WHICH MAY CONSTITUTE A PUBLIC NUISANCE SHALL BE MINIMIZED.
- THE ARCHITECT WAIVES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS AND THE DESIGN INTENT THEY CONVEY, OR FOR PROBLEMS WHICH ARISE FROM OTHERS AS WELL AS FAILURE TO OBTAIN AND/OR FOLLOW THE ARCHITECT'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.
- COLOR, FINISHING & TEXTURE OF ALL FINISH MATERIALS, WHERE NOT INDICATED ON THE DRAWINGS, SHALL BE SELECTED BY OWNER.
- THE CONTRACTOR SHALL MAINTAIN FREE EGRESS FROM THE BUILDING AT ALL TIMES AND SHALL NOT BLOCK ANY EGRESS DOORS AND/OR RESCUE WINDOWS. IN THE EVENT AN EGRESS ROUTE NEEDS TO BE BLOCKED TO PERFORM DEMOLITION OR CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OR ENGINEER IN WRITING FOR DIRECTION ON HOW TO PROCEED PRIOR TO COMMENCING WITH THAT WORK.
- CONTRACTORS OR ANY SUBCONTRACTORS PERFORMING WORK UNDER THIS CONTRACT SHALL CARRY LIABILITY AND PROPERTY DAMAGE INSURANCE AGAINST ACCIDENTS OF ALL KINDS IN ACCORDANCE WITH THE SPECIFICATIONS AND SHALL FURNISH OWNER WITH CERTIFICATE OF INSURANCE WITHIN TEN (10) DAYS OF NOTICE OF CONTRACT AWARD.
- ALL WORK IN THESE DRAWINGS SHALL BE CONSIDERED NEW WORK WHETHER STATED OR NOT EXCEPT WHERE SPECIFICALLY NOTED AS EXISTING.

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A1.02	FLOOR SLAB TRENCHING PLAN
A1.03	POOL FLOOR DEMOLITION PLAN - ADD ALT.
A1.04	PARTIAL ROOF DEMOLITION PLAN - ADD ALT.
A1.10	DEMOLITION PARTIAL FIRST FLOOR RCP
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A2.02	PROPOSED POOL FLOOR PLAN - ADD ALT.
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Aerial Map



NY Certificate of Authorization	
Eng'r. No.	0018867
Date	9/15/23
Checked	TT
Drawn	BP
DANIELLE L. FARRELL, R.A.	
The REGISTERED ARCHITECT License No. 039812-1 Exp. 12/31/25	

Revisions:	
08/30/24	
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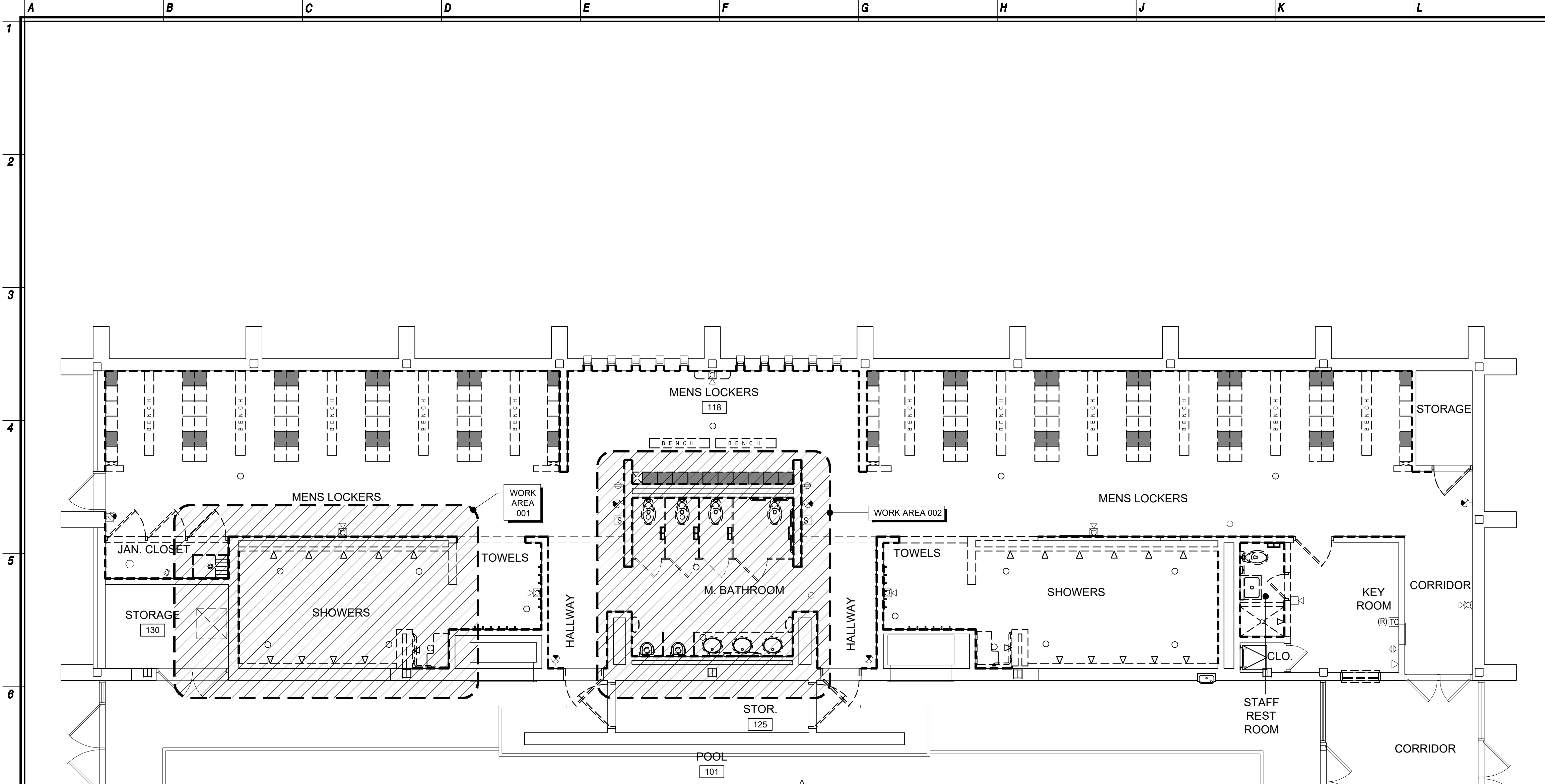
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TITLE SHEET & GENERAL NOTES
POOL LOCKER ROOM RENOVATIONS AT
HOMMOCKS MIDDLE SCHOOL
130 HOMMOCKS ROAD
LARCHMONT, NY 10538

Job No. 4.1092.87
File No. 4109287T001

T0.01

NYSED PROJECT # 66-07-01-03-0-011-031



Men's Locker Room Notes (Work Area 001 & 002)

ABATEMENT CONTRACTOR RESPONSIBLE FOR PROBING OF PIPE CHASES AND/OR WET WALLS WITHIN IDENTIFIED BATHROOMS AND RESPONSIBLE FOR TOTAL AND COMPLETE REMOVAL AND DISPOSAL OF APPROXIMATELY 380 LF OF FRIABLE PRESUMED ASBESTOS-CONTAINING MUDDIED JOINT PACKING (ELBOWS) AND/OR PIPE INSULATION. AS DETAILED ON ATTACHED ACM LOCATION DRAWINGS. ABATEMENT CONTRACTOR RESPONSIBLE FOR ALL DEMOLITION REQUIRED TO ACCESS MATERIAL(S), AS WELL AS FOR PROVIDING ALL EQUIPMENT NECESSARY TO ACCESS MATERIAL(S).

Women's Locker Room Notes (Work Area 003 & 004)

ABATEMENT CONTRACTOR RESPONSIBLE FOR PROBING OF PIPE CHASES AND/OR WET WALLS WITHIN IDENTIFIED BATHROOMS AND RESPONSIBLE FOR TOTAL AND COMPLETE REMOVAL AND DISPOSAL OF APPROXIMATELY 380 LF OF FRIABLE PRESUMED ASBESTOS-CONTAINING MUDDIED JOINT PACKING (ELBOWS) AND/OR PIPE INSULATION. AS DETAILED ON ATTACHED ACM LOCATION DRAWINGS. ABATEMENT CONTRACTOR RESPONSIBLE FOR ALL DEMOLITION REQUIRED TO ACCESS MATERIAL(S), AS WELL AS FOR PROVIDING ALL EQUIPMENT NECESSARY TO ACCESS MATERIAL(S).

General Abatement Notes

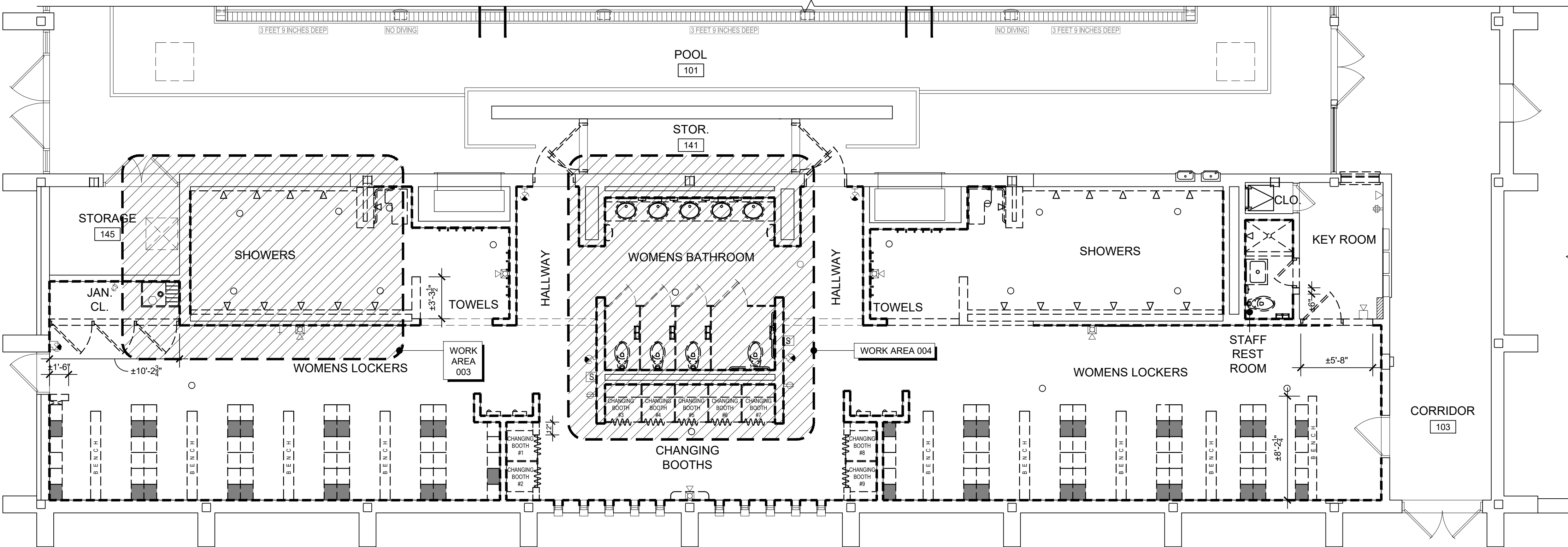
- THE ABATEMENT CONTRACTOR SHALL REMOVE ASBESTOS-CONTAINING PIPE INSULATION, MUDDIED FITTINGS, AND ALL DEBRIS FROM WITHIN THE SPACE AS INDICATED ON THE DRAWINGS AND SPECIFICATIONS.
- THE ABATEMENT CONTRACTOR WILL BE RESPONSIBLE FOR REPAIRING ALL BUILDING FINISHES AND COMPONENTS DAMAGED DURING ABATEMENT INCLUDING, BUT NOT LIMITED TO, CEILING TILES, CEILING FINISHES, WALL FINISHES AND/OR FLOOR FINISHES, ETC. THAT ARE SCHEDULED TO REMAIN.
- CONCEALED CONDITIONS THAT ARE EXPOSED AND MAY REQUIRE ADDITIONAL WORK SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER IMMEDIATELY. THE ABATEMENT CONTRACTOR SHALL NOT ABATE THESE AREAS WITHOUT A WRITTEN NOTICE TO PROCEED. ADDITIONAL ASBESTOS ABATEMENT PERFORMED PRIOR TO THE ORDER TO PROCEED WILL NOT BE ACKNOWLEDGED.

Legend

DIAGONAL HATCHING
DENOTES AREA OF POTENTIAL ASBESTOS ABATEMENT. REFER TO NOTES.

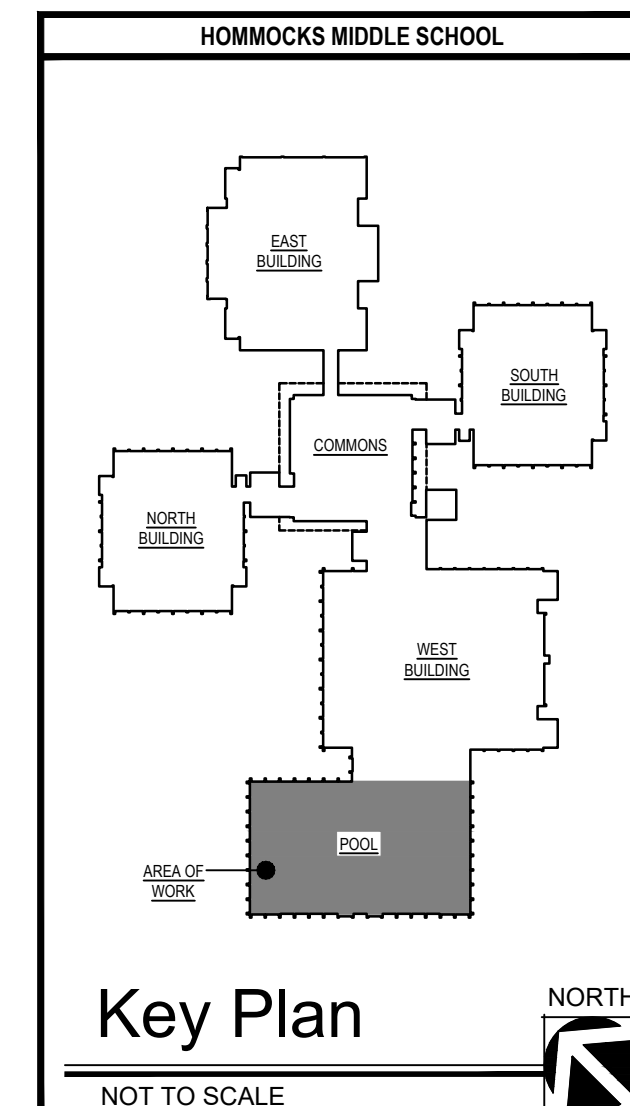
Men's Locker Room Abatement Floor Plan

1 ASB1.01 3/16" = 1'-0" WORK AREA 001



Women's Locker Room Abatement Floor Plan

2 ASB1.01 3/16" = 1'-0" WORK AREA 002



Key Plan

NOT TO SCALE

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ABATEMENT FLOOR PLANS & NOTES
POOL LOCKER ROOM RENOVATIONS AT
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130 HOMMOCKS ROAD
LARCHMONT, NY 10538

Job No. 4.1092.87
File No. 4109287ASB101
ASB1.01



ADD ALTERNATE

 SYMBOL INDICATES
DEMOLITION KEY NOTE

- Add. Alternate Demolition Key Notes

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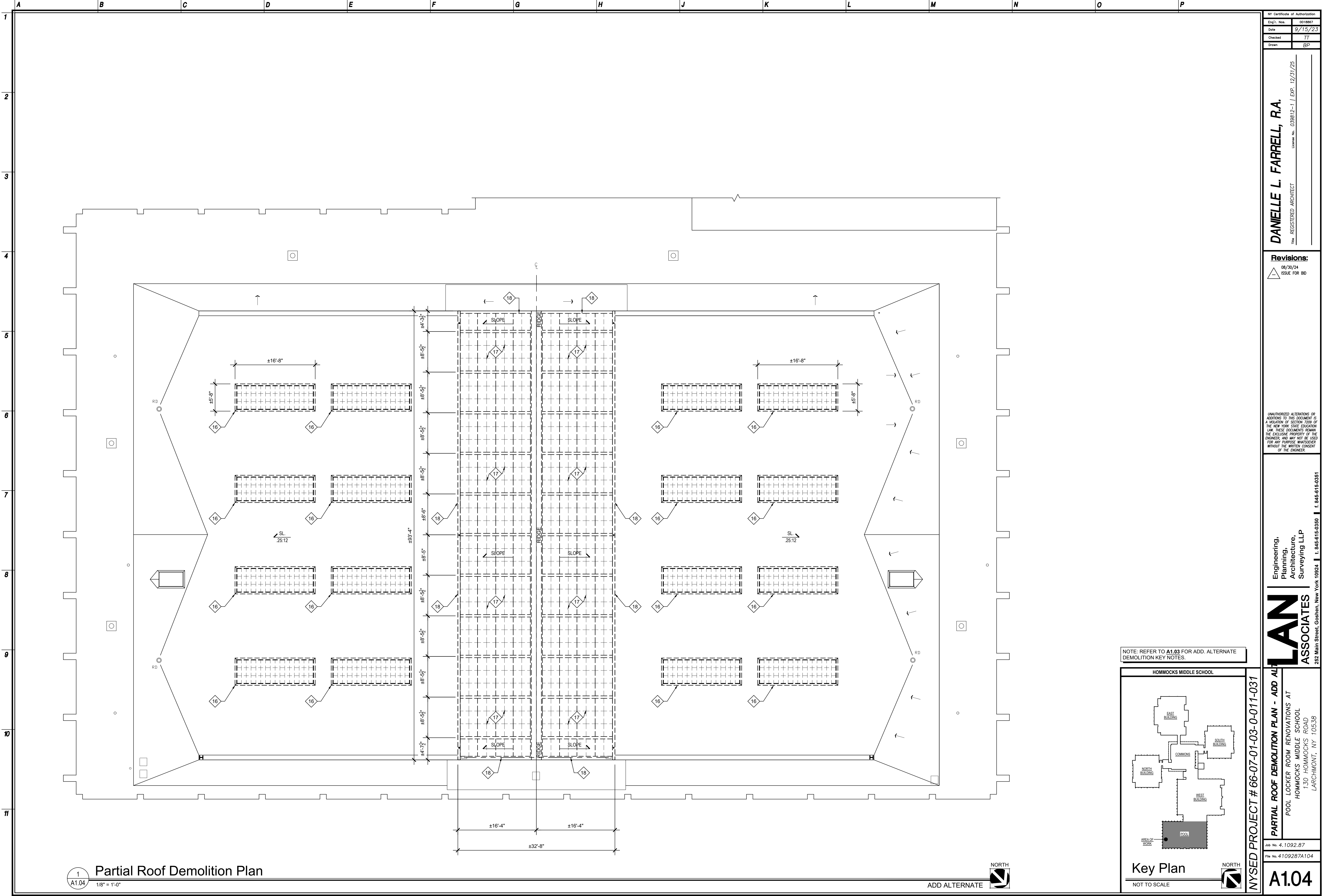
POOL FLOOR DEMOLITION PLAN - ADD
POOL LOCKER ROOM RENOVATIONS AT
HOMMOCKS MIDDLE SCHOOL
130 HOMMOCKS ROAD

Job No. 4.1092.87

File No. 4109287A10

[illegible]

Key Plan



A B C D E F G H J K L M N O P

1

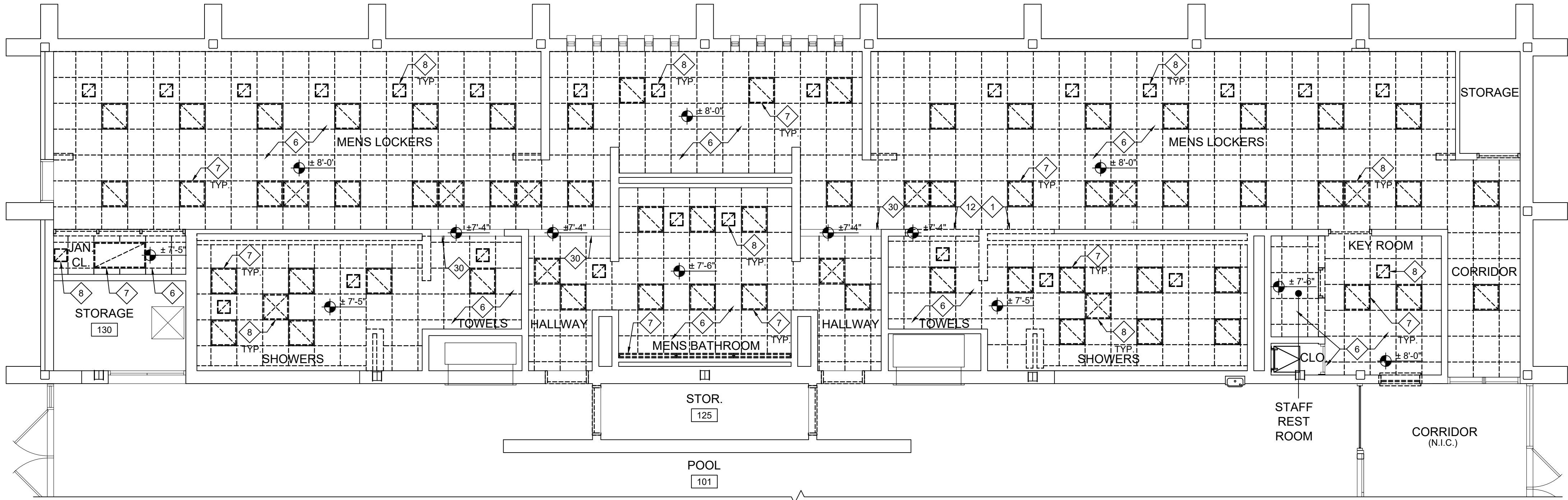
2

3

4

5

6



Legend (REFER TO DEMOLITION PLANS)

SYMBOL	DESCRIPTION
	EXISTING PARTITION TO REMAIN
	EXISTING PARTITION TO BE REMOVED/ DEMOLISHED
	ADD. ALTERNATE SCOPE. SEE A1.03, A2.02, AND A2.03 FOR ADDITIONAL INFORMATION.
	REMOVE PORTION OF EXISTING PARTITION TO DIMENSION SHOWN.
	EXISTING DOOR/FRAME TO BE REMOVED
	EXISTING SUSPENDED CEILING TO BE REMOVED
	EXISTING PLASTER/GWB CEILING TO BE REMOVED
	EXISTING TILE WALL FINISH TO BE REMOVED

NOTE:
SEE DRAWING A1.01 FOR DEMOLITION KEY NOTES. SEE MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR COORDINATION AND ADDITIONAL INFORMATION.

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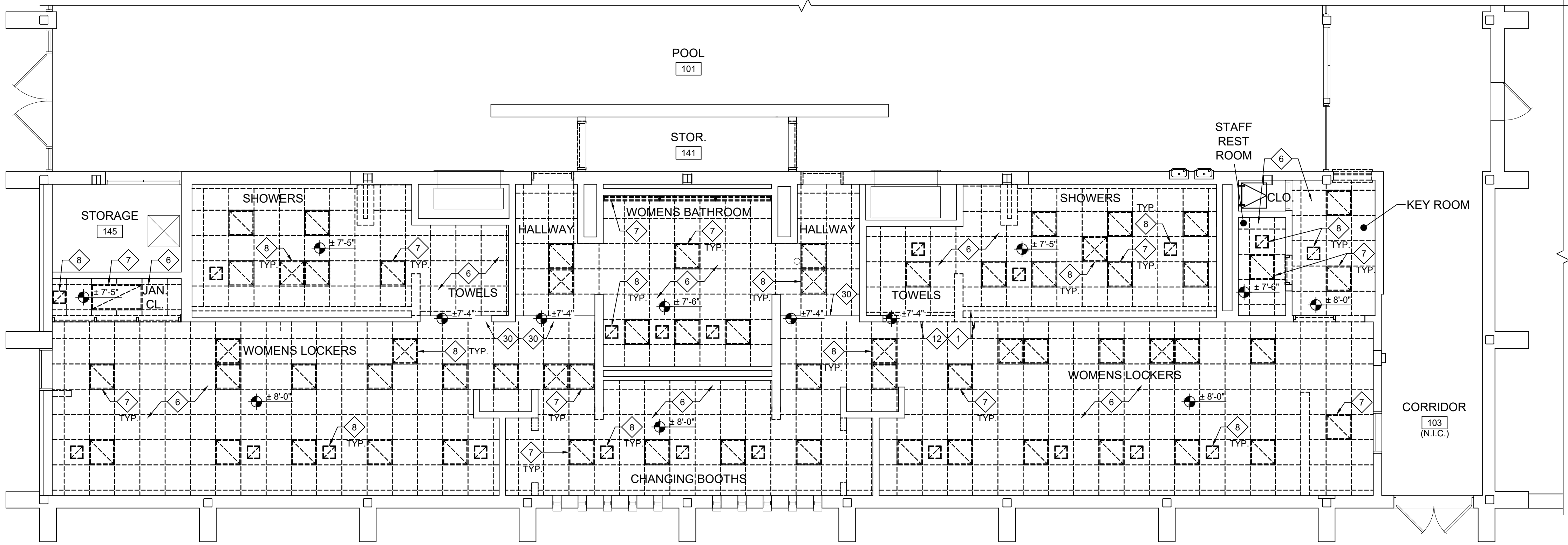
7

8

9

10

11



1 Demo Men's Locker Room RCP

A1.10 3/16" = 1'-0"



2 Demo Women's Locker Room RCP

A1.10 3/16" = 1'-0"

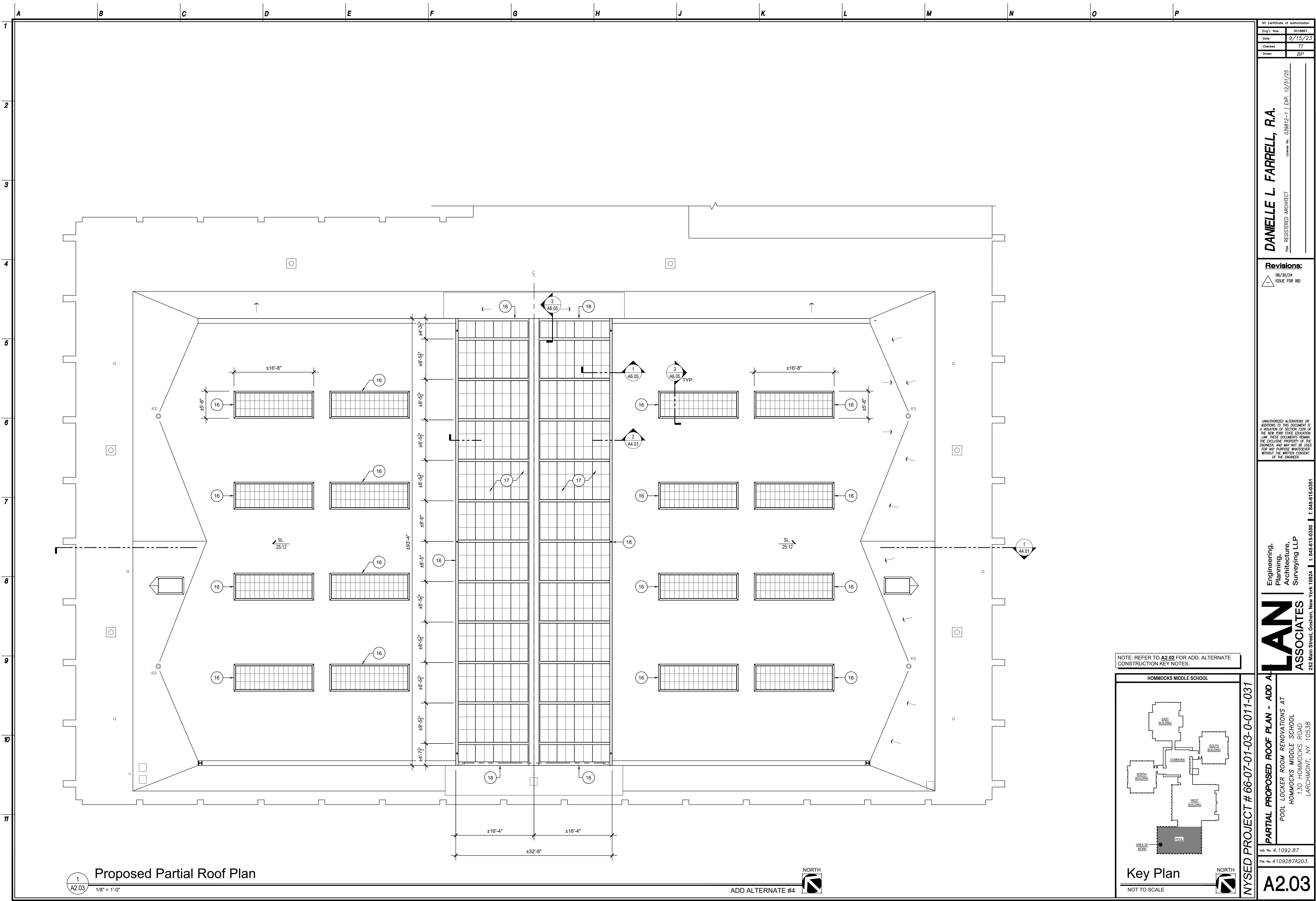


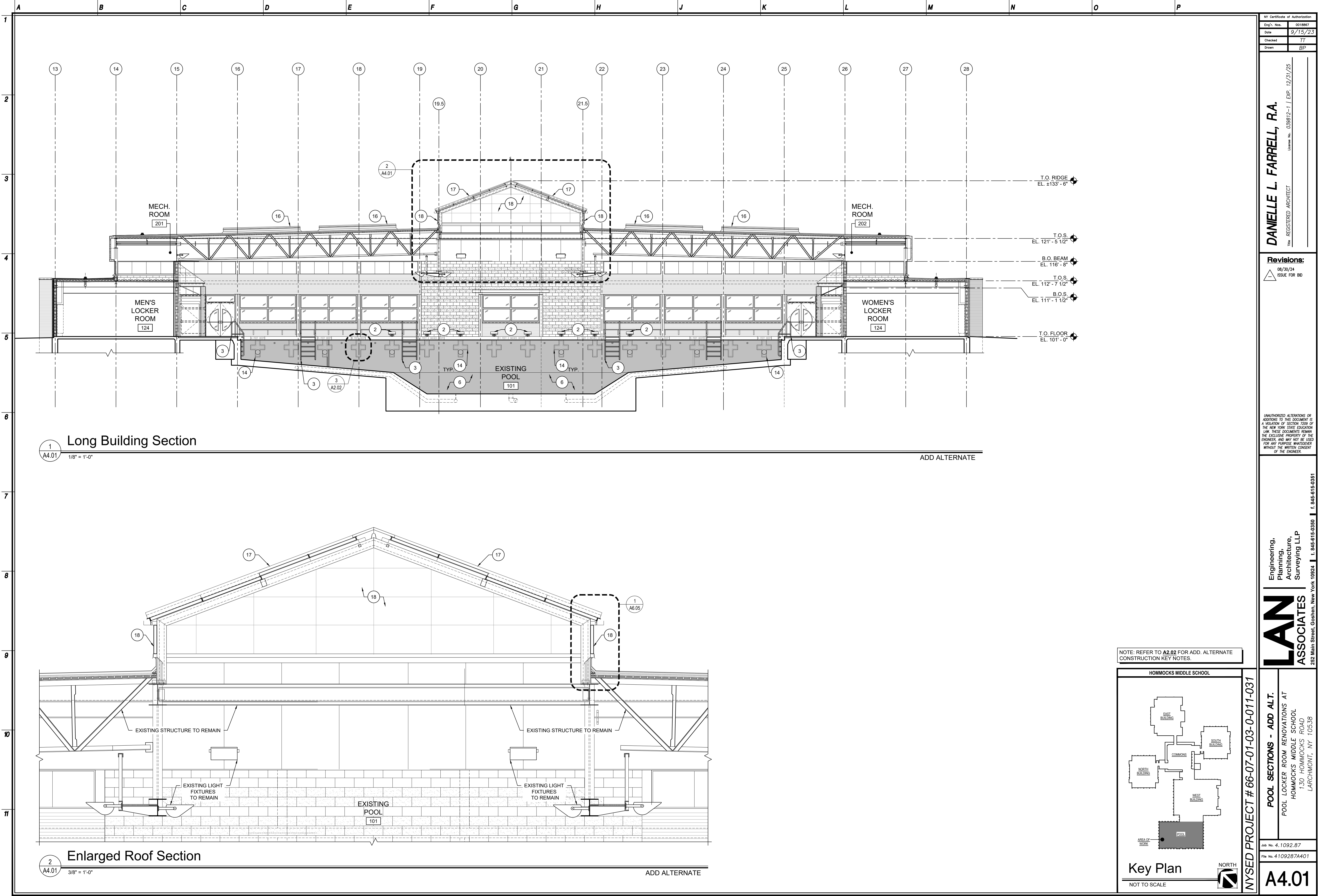
HOMMOCKS MIDDLE SCHOOL
Key Plan
NOT TO SCALE
NORTH

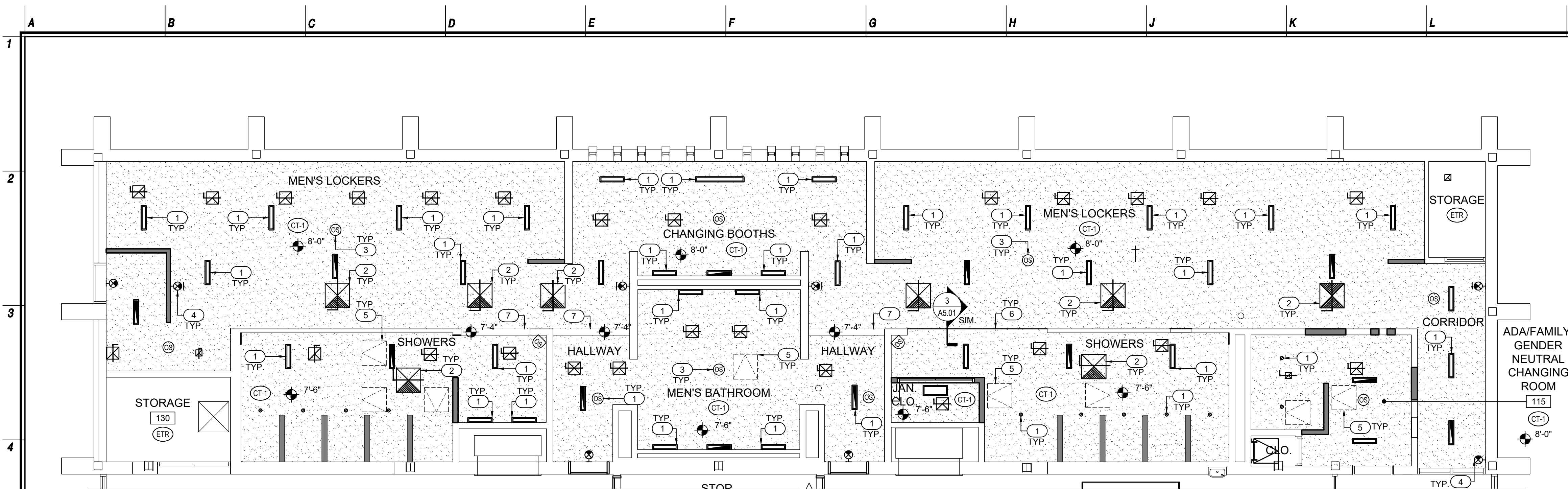
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A1.10

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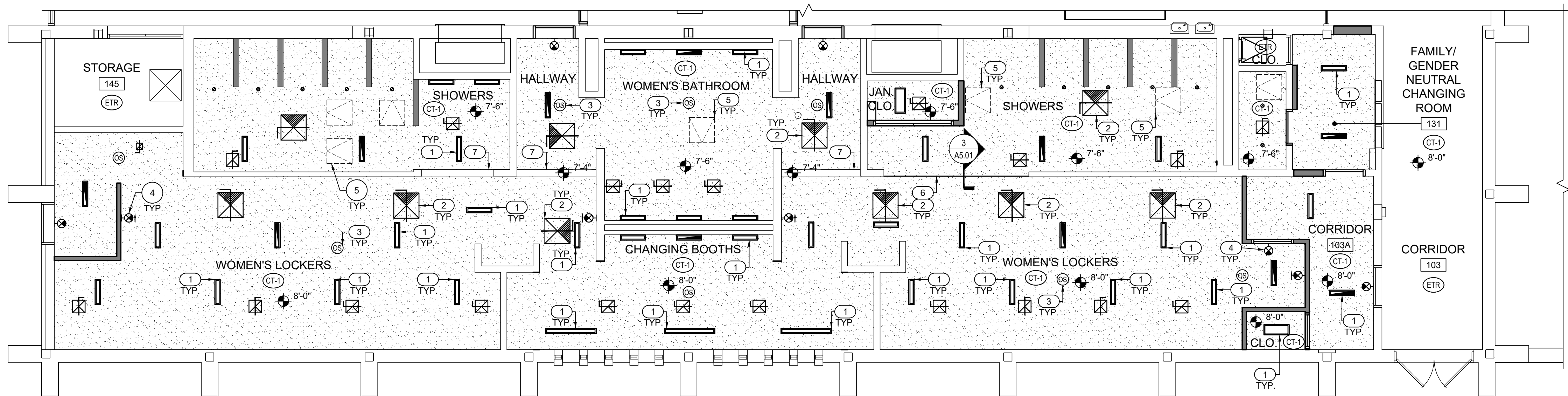






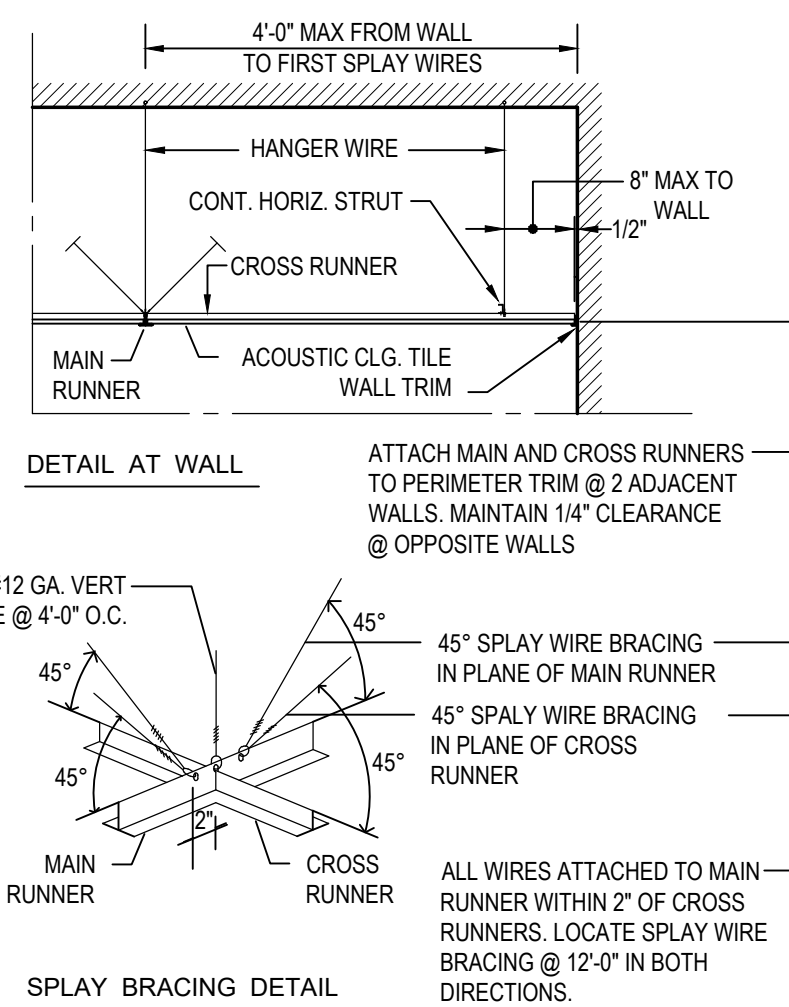
Proposed Men's Locker Room RCP

1
A5.01
3/16" = 1'-0"



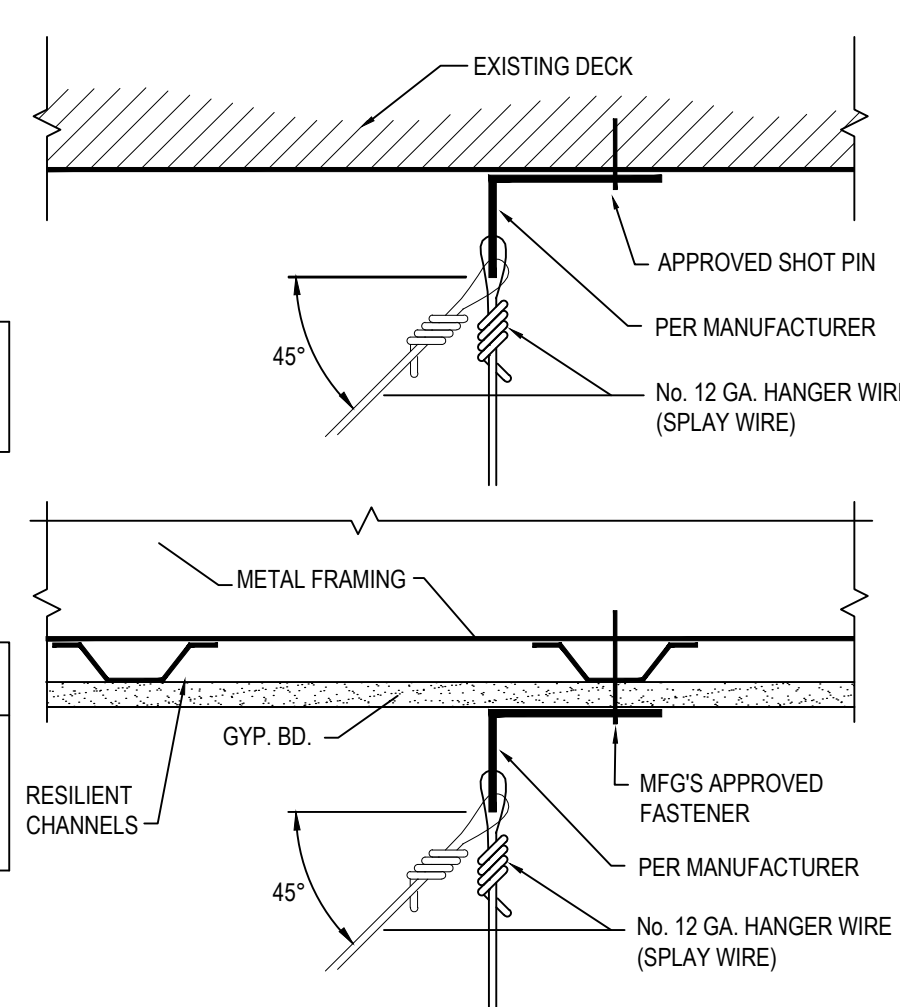
Proposed Women's Locker Room RCP

2
A5.01
3/16" = 1'-0"



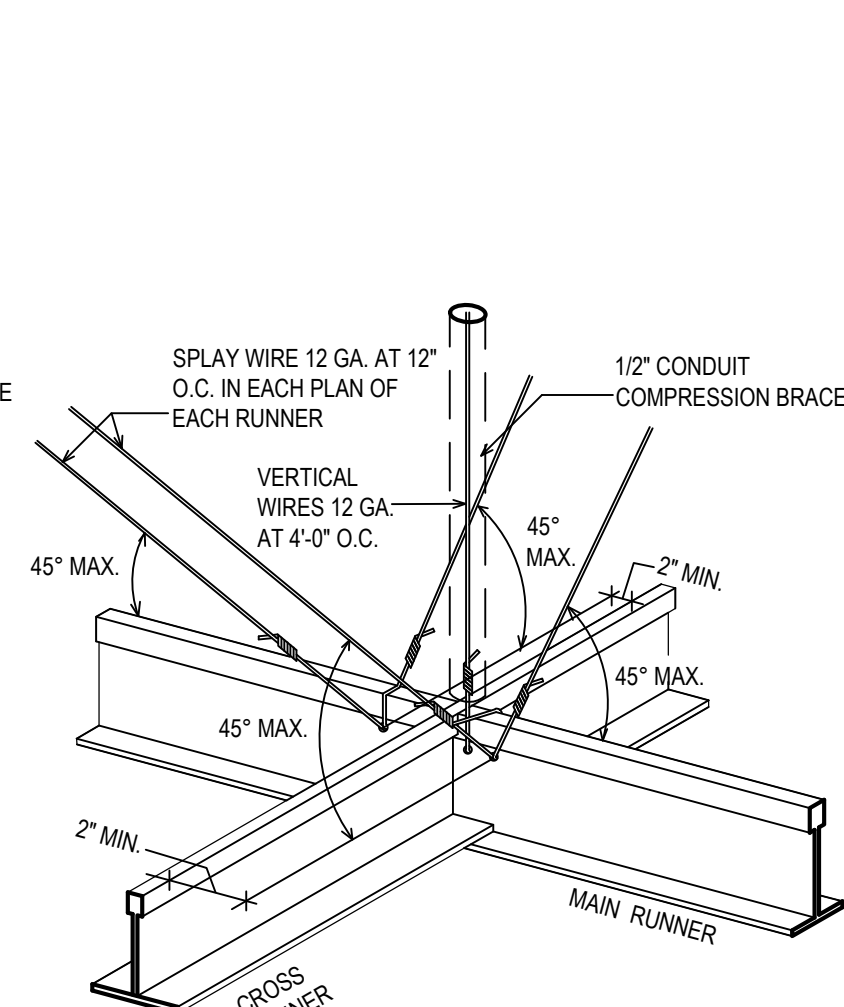
Typ. Seismic Bracing

A
A5.01
3/8" = 1'-0"



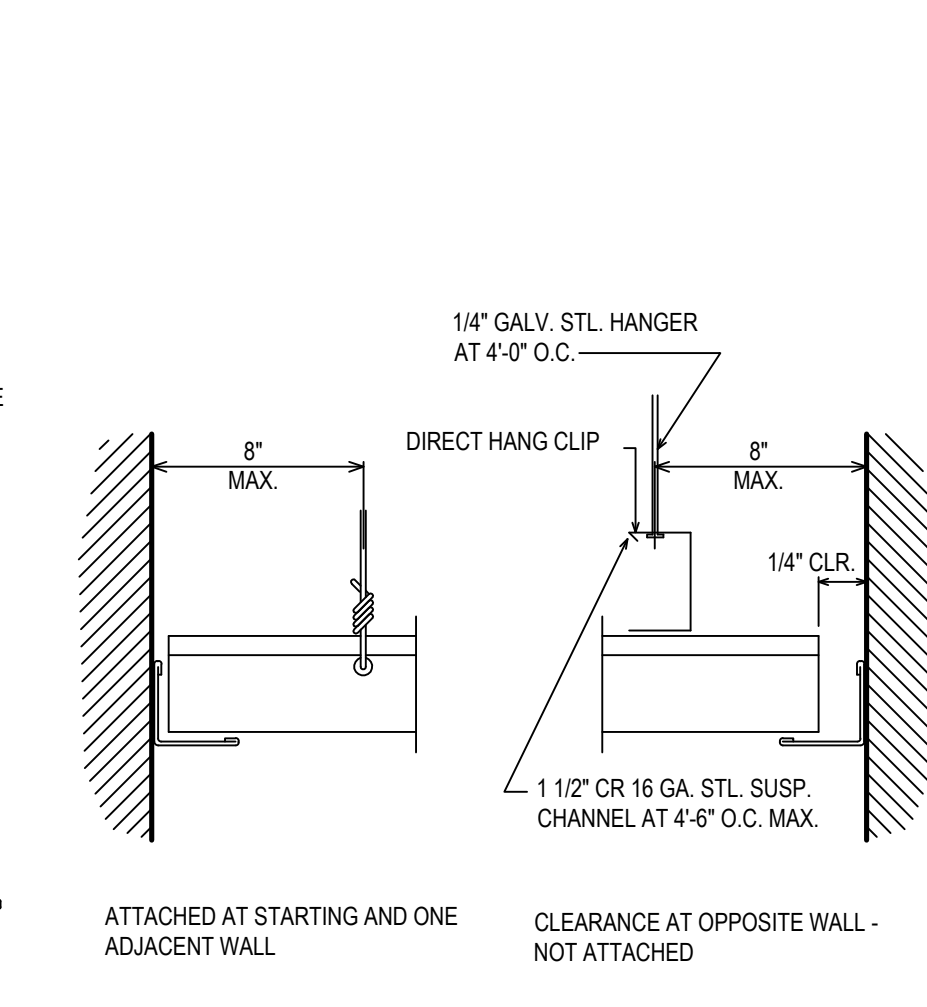
Typ. Hanger Wire Detail

B
A5.01
1-1/2" = 1'-0"



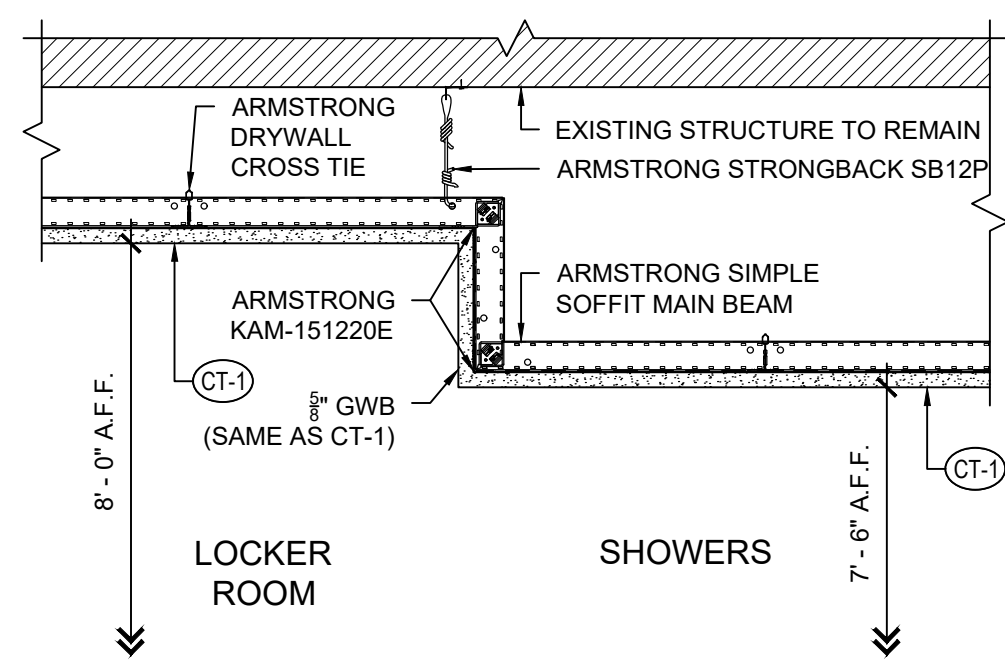
Typ. Susp. Ceiling Detail

C
A5.01
1-1/2" = 1'-0"



Typ. Cing. Edge Detail

D
A5.01
1-1/2" = 1'-0"



Typical Bulkhead Detail

3
A5.01
1-1/2" = 1'-0"

Symbol Legend

SYMBOL	DESCRIPTION
	DATUM: FINISH CEILING HEIGHT ABOVE FINISH FLOOR
	CEILING TYPE (REFER TO CEILING TYPES SCHEDULE)
	LIGHTING FIXTURES - REFER TO ELECTRICAL PLANS FOR EXACT LIGHTING FIXTURE LOCATIONS. CONTRACTOR TO COORDINATE WITH MECHANICAL CONTRACTOR FOR CEILING DIFFUSER LOCATIONS.
	CEILING MOUNTED EQUIPMENT - REFER TO ELECTRICAL PLANS FOR EXACT FIXTURE LOCATIONS. CONTRACTOR TO COORDINATE WITH MECHANICAL CONTRACTOR FOR CEILING DIFFUSER LOCATIONS.
	MECHANICAL DIFFUSERS - REFER TO MECHANICAL PLANS FOR EXACT CEILING DIFFUSER LOCATIONS. CONTRACTOR TO COORDINATE WITH ELECTRICAL CONTRACTOR FOR LIGHT FIXTURE LOCATIONS.

Typical Ceiling Notes

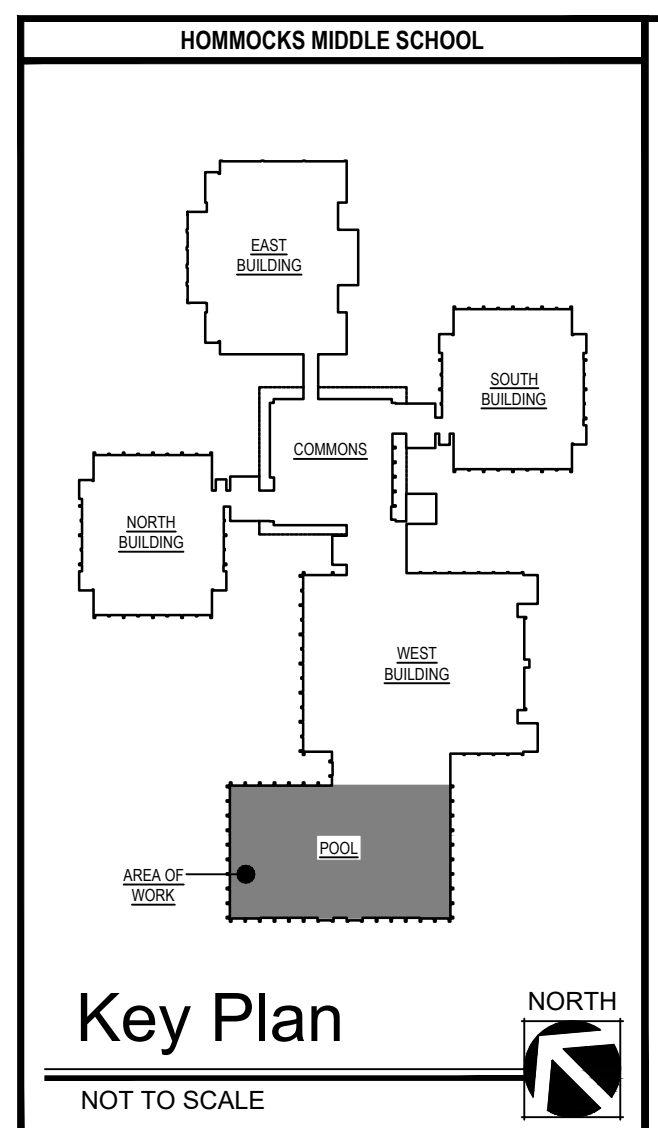
- PENETRATIONS THROUGH CEILINGS ARE TO BE PROTECTED PER RATED DESCRIPTIONS. REFER TO FIRE RESISTANT RATED ASSEMBLIES WALL AND CEILING TYPES.
- ALL ACCESS PANELS, HATCHES/LADDERS, GYPSUM BOARD SOFFITS, BULKHEAD, HVAC GRILLES AND REGISTERS, SHALL BE PAINTED TO MATCH CEILING FINISHES.
- SUSPENDED ACOUSTIC TILE CEILINGS SHALL BE CENTERED IN SPACE IN BOTH DIRECTIONS TO MINIMIZE WASTE AS REQUIRED, UNLESS OTHERWISE INDICATED, FIELD VERIFY.
- TENT ALL LIGHT FIXTURES IN RATED FLOOR/CEILING, ROOF/CEILING ASSEMBLIES AS REQUIRED. REFER TO FIRE RESISTANT RATED ASSEMBLIES DRAWING FOR ADDITIONAL INFORMATION.
- ALL CONTRACTORS (I.E. MECHANICAL, ELECTRICAL, PLUMBING) ARE REQUIRED TO COORDINATE THEIR WORK WITH INDIVIDUAL CEILING FINISHES. ALL DISTURBED AREAS RESULTING FROM CONTRACTORS OPERATIONS SHALL BE PATCHED AND DAMAGED AREAS AS A RESULT OF CONTRACTORS OPERATIONS SHALL BE PATCHED AND REPAIRED TO MATCH.
- FIELD VERIFY ALL DIMENSIONS AND CLEARANCES. COORDINATE INSTALLATION OF LIGHTING, EQUIPMENT, MECHANICAL DUCTWORK, ETC. TO ENSURE PROPER INSTALLATION.
- ALL COLORS AND PATTERNS TO BE SELECTED BY OWNER/ ARCHITECT, TYPICAL.
- CONTRACTOR SHALL FURNISH AND INSTALL ALL NECESSARY ACCESSORIES INCLUDING PERIMETER MOLDINGS, FASTENERS, SUPPORT WIRES, TRIM, ETC. FOR A COMPLETE INSTALLATION.
- ALL LIGHTING FIXTURES SHOWN ON REFLECTED CEILING PLAN ARE SHOWN FOR DIAGRAMMATIC PURPOSES ONLY, REFER TO ELECTRICAL LIGHTING PLAN FOR ACTUAL LOCATIONS.
- AT LOCATIONS WHERE NEW CEILING ADJOINS, ABUTS, OR EXTENDS AN EXISTING CEILING, NEW CEILING GRID SHALL MATCH THAT OF EXISTING.

Ceiling Types

MARK	DESCRIPTION	SYMBOL
CT-1	"GP" 5/8" THICK 'DENSARMOR PLUS' ABUSE-RESISTANT BRAND ABUSE/WATER/MOLD/FIRE-RESISTANCE INTERIOR PANELS. FINISH JOINTS AND PAINT. TYP. USE DRYWALL SUSPENSION GRID UNO	
ETR	EXISTING TO REMAIN	

RCP Construction Key Notes

- EC TO INSTALL NEW LIGHT FIXTURE, TYPICAL. REFER TO ELECTRICAL LIGHTING PLAN & FIXTURE SCHEDULE ON DRAWING **E5.01**.
- MC TO INSTALL NEW DIFFUSER, TYPICAL. REFER TO MECHANICAL PLAN ON DRAWING **M2.01**.
- EC TO INSTALL NEW OCCUPANCY SENSOR, TYPICAL. REFER TO ELECTRICAL LIGHTING PLAN ON DRAWING **E5.01**.
- EC TO INSTALL NEW EMERGENCY LIGHT AND/OR EXIT SIGN. REFER TO ELECTRICAL LIGHTING PLAN ON DRAWING **E5.01**.
- GC TO PROVIDE AND INSTALL NEW 24" X 24" ACCESS DOOR, MODEL "LT-4000" BY 'ACUDOR' IN SCHEDULED CEILING. GC TO COORDINATE LOCATIONS OF ALL ACCESS PANELS WITH PC PRIOR TO INSTALLATION.
- GC TO PROVIDE AND INSTALL NEW BULKHEAD. REFER TO DETAIL **3/A5.01** FOR ADD. INFO.
- EXISTING BULKHEAD TO REMAIN.



Key Plan

NOT TO SCALE

1

2

3

4

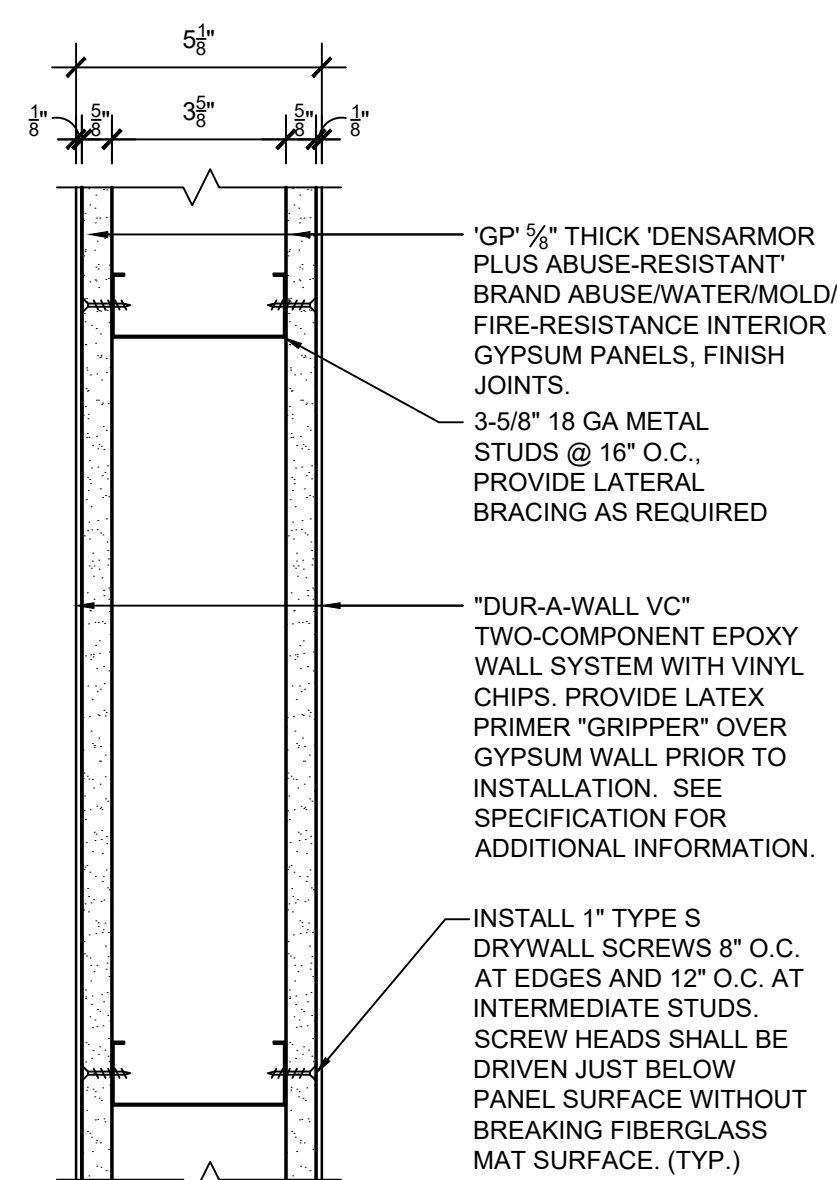
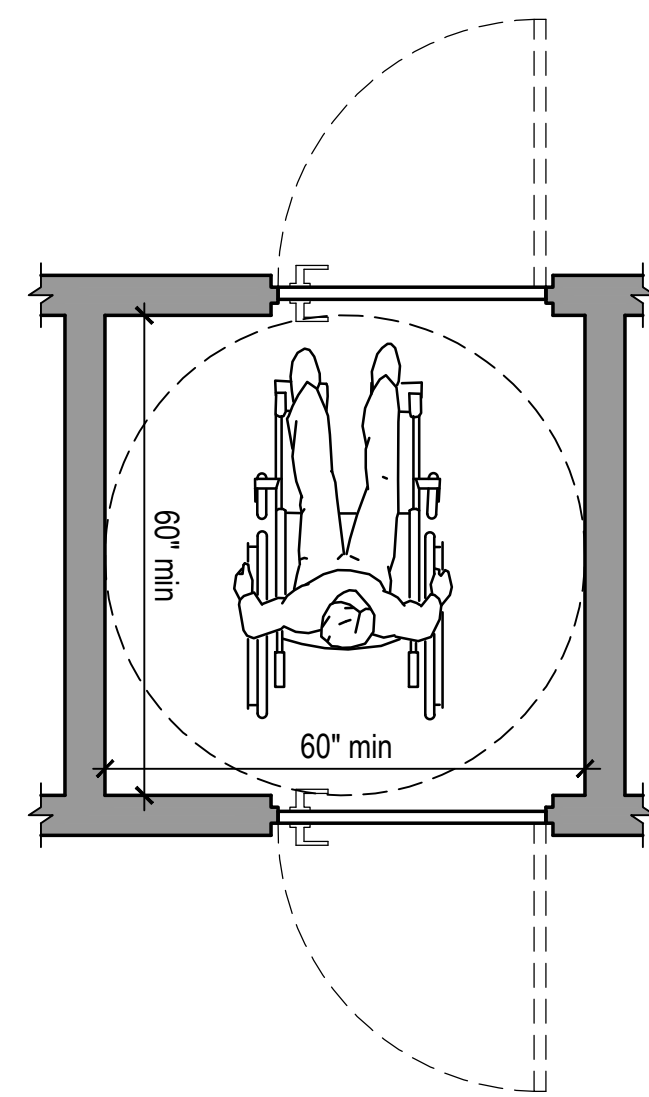
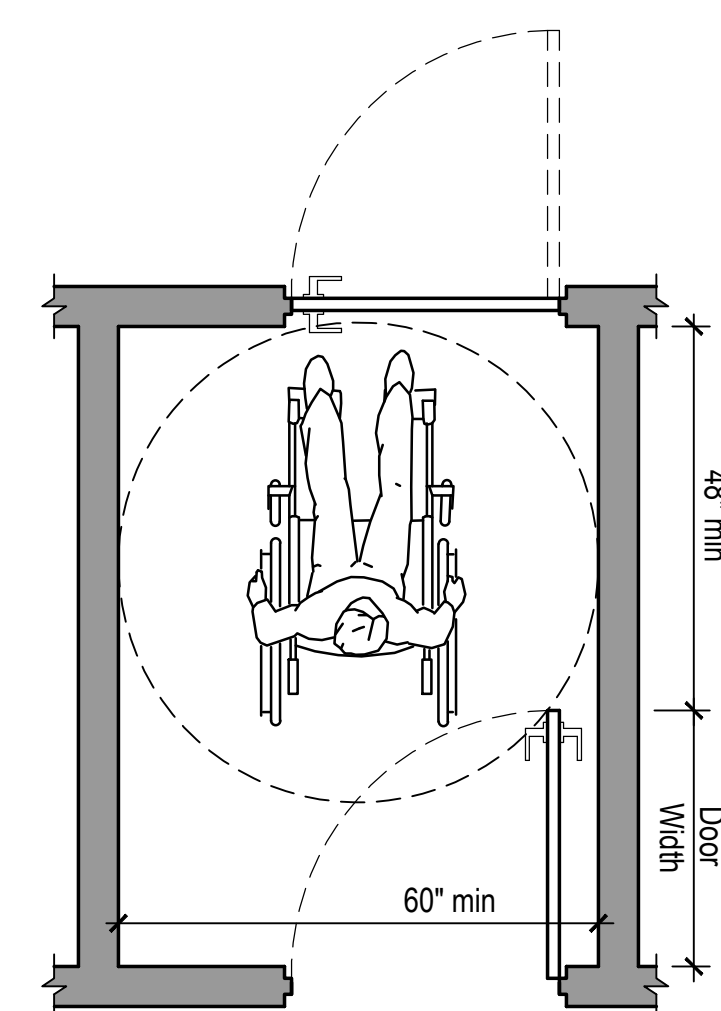
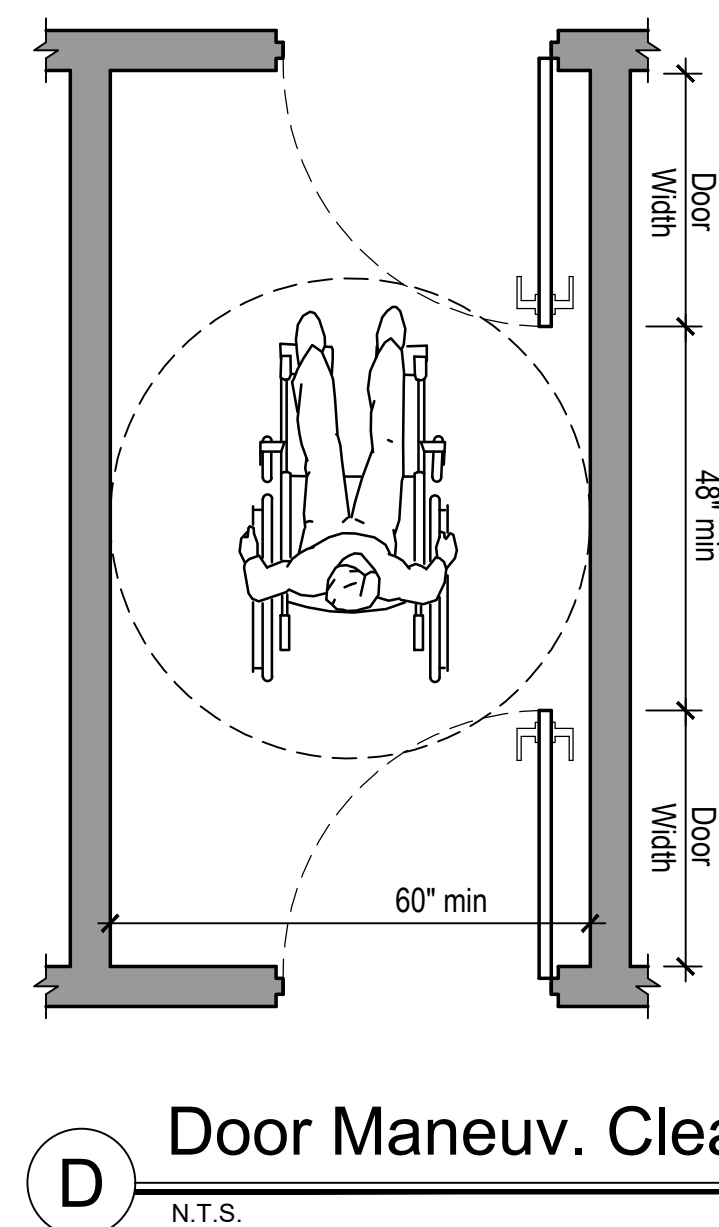
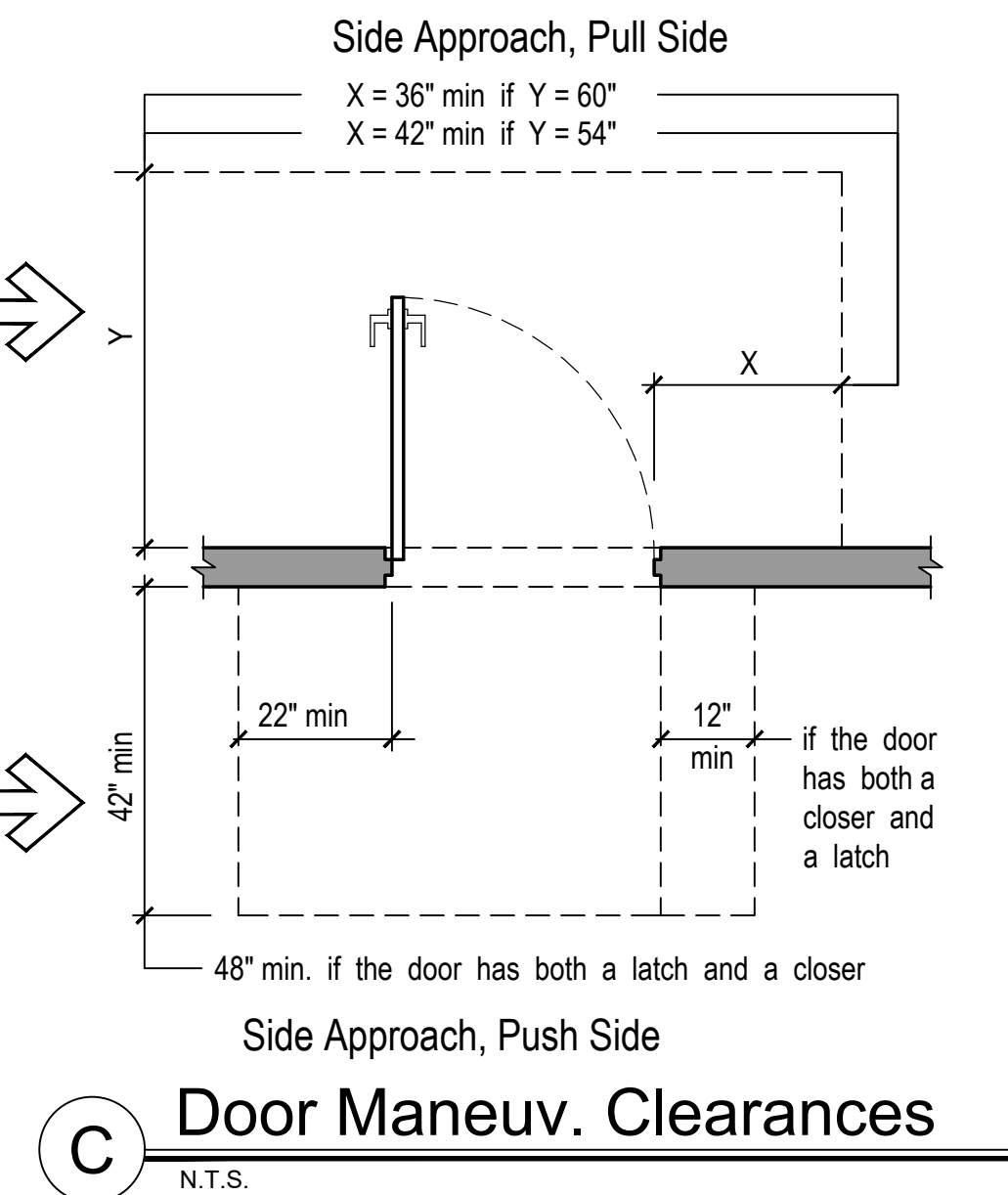
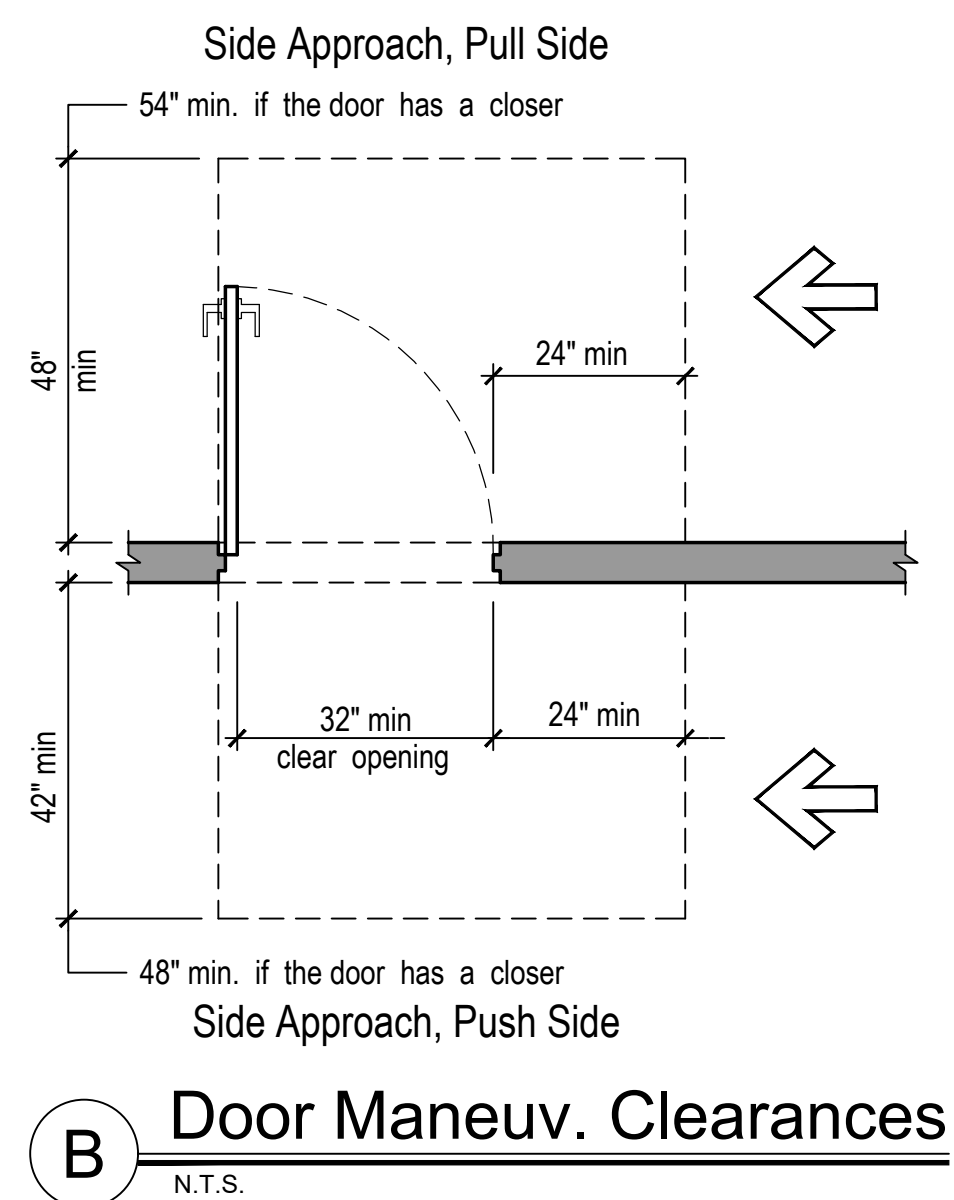
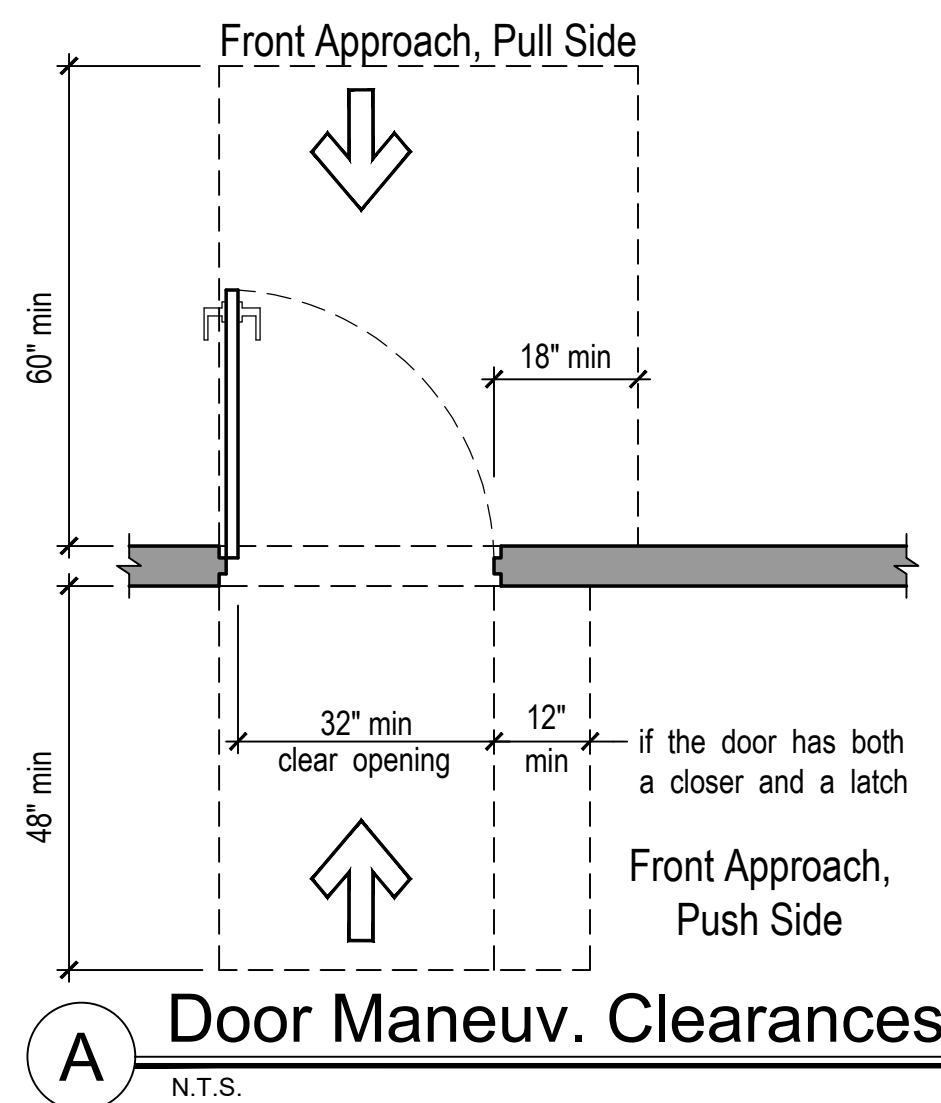
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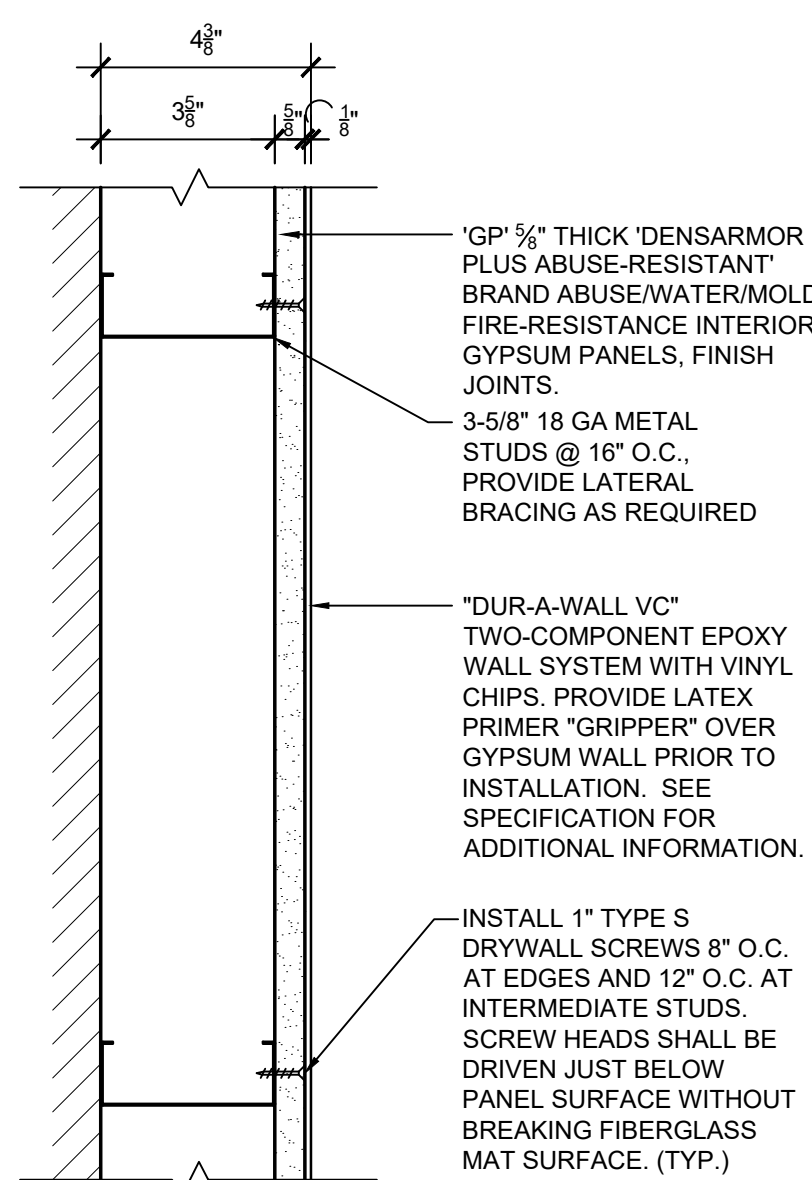
A	B	C	D	E	F	G	H										
DOOR SCHEDULE																	
DOOR NO.	DOOR TYPE	ROOM NAME/ NUMBER	DOOR						FRAME			SILL	HARDWARE (SEE SPECIFICATIONS)			NOTES	
			ACTION	MATERIAL	FIRE RATING	DOOR FINISH	DOOR SIZE		VISION PANEL	DETAIL NO.			DETAIL NO.	HARDWARE SET	CLOSER		PANIC
							WIDTH	HEIGHT		MAT.	HEAD	JAMB					
WOMENS LOCKER ROOM																	
D01	A	CORRIDOR 103A	SINGLE SWING	ALUM./FRP	-	PRIME/PAINT	3'-0"	7'-0"	-	FRP	1/A6.02	2/A6.02	3/A6.02		●	-	
D02	A	CLOSET	SINGLE SWING	ALUM./FRP	-	PRIME/PAINT	2'-6"	7'-0"	-	FRP	1/A6.02	2/A6.02	3/A6.02		●	-	
D03	A	FAMILY/ GENDER NEUTRAL CHANGING ROOM 131	SINGLE SWING	ALUM./FRP	-	PRIME/PAINT	3'-0"	7'-0"	-	FRP	1/A6.02	2/A6.02	3/A6.02		●	-	
D04	A	FAMILY/ GENDER NEUTRAL CHANGING ROOM 131	SINGLE SWING	ALUM./FRP	-	PRIME/PAINT	2'-6"	7'-0"	-	FRP	1/A6.02	2/A6.02	3/A6.02		●	-	
D05	B	SHOWERS (JANITOR'S CLOSET)	DOUBLE SWING	ALUM./FRP	-	PRIME/PAINT	6'-0"	7'-0"	-	FRP	4/A6.02	5/A6.02	6/A6.02		●	-	
D06	A	HALLWAY	SINGLE SWING	ALUM./FRP	-	PRIME/PAINT	3'-0"	7'-0"	-	FRP	1/A6.02	2/A6.02	3/A6.02		●	-	ADD ALTERNATE #5. SEE SPEC SECTION 012300.
D07	A	HALLWAY	SINGLE SWING	ALUM./FRP	-	PRIME/PAINT	3'-0"	7'-0"	-	FRP	1/A6.02	2/A6.02	3/A6.02		●	-	ADD ALTERNATE #5. SEE SPEC SECTION 012300.
D08	A	STORAGE 141	SINGLE SWING	ALUM./FRP	-	PRIME/PAINT	3'-6"	7'-0"	-	FRP	1/A6.02	2/A6.02	3/A6.02		-	-	ADD ALTERNATE #5. SEE SPEC SECTION 012300.
D09	A	STORAGE 141	SINGLE SWING	ALUM./FRP	-	PRIME/PAINT	3'-6"	7'-0"	-	FRP	1/A6.02	2/A6.02	3/A6.02		-	-	ADD ALTERNATE #5. SEE SPEC SECTION 012300.
MEN'S LOCKER ROOM																	
D10	A	ADA/FAMILY/ GENDER NEUTRAL CHANGING ROOM	SINGLE SWING	ALUM./FRP	-	PRIME/PAINT	3'-0"	7'-0"	-	FRP	1/A6.02	2/A6.02	3/A6.02		●	-	
D11	B	SHOWERS (JANITOR'S CLOSET)	DOUBLE SWING	ALUM./FRP	-	PRIME/PAINT	6'-0"	7'-0"	-	FRP	4/A6.02	5/A6.02	6/A6.02		●	-	
D12	A	HALLWAY	SINGLE SWING	ALUM./FRP	-	PRIME/PAINT	3'-0"	7'-0"	-	FRP	1/A6.02	2/A6.02	3/A6.02		●	-	ADD ALTERNATE #5. SEE SPEC SECTION 012300.
D13	A	HALLWAY	SINGLE SWING	ALUM./FRP	-	PRIME/PAINT	3'-0"	7'-0"	-	FRP	1/A6.02	2/A6.02	3/A6.02		●	-	ADD ALTERNATE #5. SEE SPEC SECTION 012300.
D14	A	STORAGE 125	SINGLE SWING	ALUM./FRP	-	PRIME/PAINT	3'-6"	7'-0"	-	FRP	1/A6.02	2/A6.02	3/A6.02		-	-	ADD ALTERNATE #5. SEE SPEC SECTION 012300.
D15	A	STORAGE 125	SINGLE SWING	ALUM./FRP	-	PRIME/PAINT	3'-6"	7'-0"	-	FRP	1/A6.02	2/A6.02	3/A6.02		-	-	ADD ALTERNATE #5. SEE SPEC SECTION 012300.

Door & Door Hardware Notes

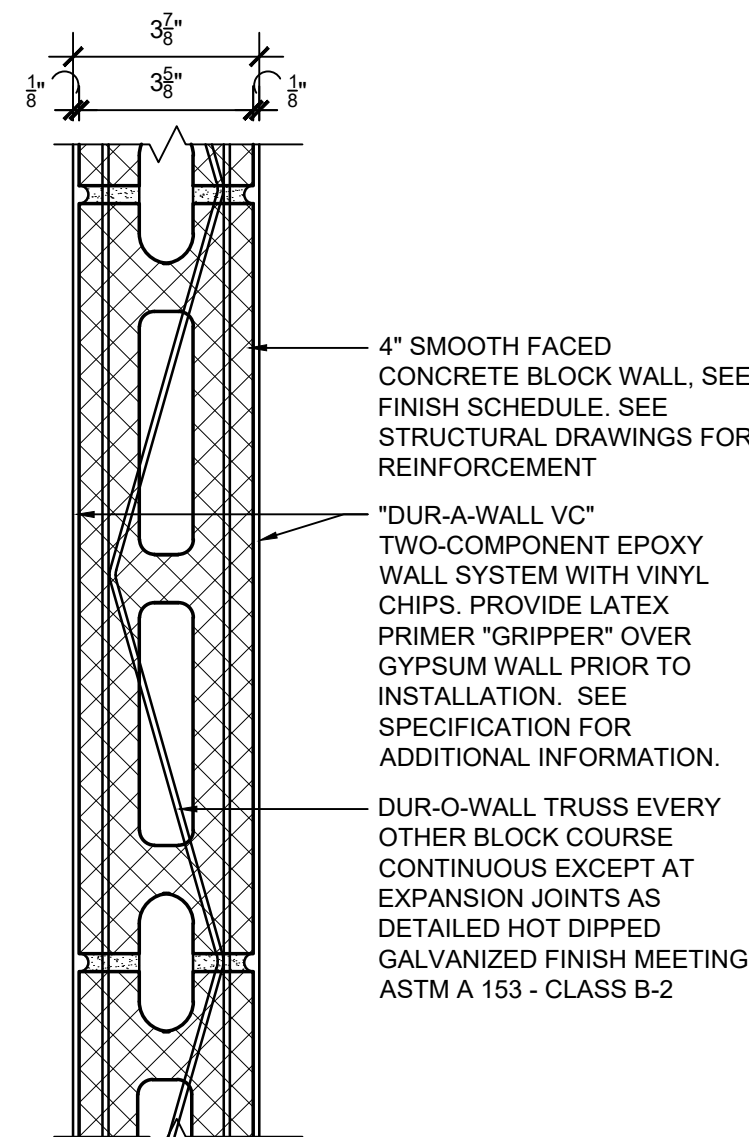
1. SEE DRAWING 66.02 FOR DOOR TYPES & DETAILS.
2. DOOR ELEVATIONS & DOOR HARDWARE ARE PROVIDED TO DEMONSTRATE THE "TYPICAL" CONDITION. REFERENCE TO DOOR SCHEDULE AND DOOR HARDWARE SPECIFICATION FOR ACTUAL DOOR HARDWARE REQUIREMENTS. REFER TO FINISH HARDWARE SPECIFICATION AND SCHEDULE FOR HARDWARE SET INFORMATION.
3. CONTRACTOR TO FIELD VERIFY ALL MASONRY & ROUGH OPENING SIZES, DOOR SIZES, HINGE LOCATIONS, DOOR SWING ETC., AND PROVIDE SHOP DRAWINGS FOR REVIEW AND APPROVAL PRIOR TO ORDERING DOORS.
4. CONTRACTOR SHALL COORDINATE WITH OWNER'S ARCHITECT TO IDENTIFY AND INDICATE IT SHALL BE CLEARLY UNDERSTOOD THAT SUCH IDENTIFICATION IS FOR THE PURPOSE OF ILLUSTRATING THE TYPE OF PRODUCT AND DEGREE OF QUALITY DESIRED. SUCH IDENTIFICATION IN NO WAY PRECLUDES THE CONTRACTOR FROM USING PRODUCTS OF OTHER MANUFACTURERS WHICH CAN BE SHOWN PRIOR TO THE BID TO BE OF LIKE KIND AND OF EQUAL QUALITY.
5. ALL DOOR FINISHES ARE SPECIFIED ON THE DOOR SCHEDULE AND NOTED IN THE SPECIFICATIONS. COLOR SHALL BE SELECTED BY OWNER FROM MANUFACTURER'S FULL RANGE.
6. CONTRACTOR TO PATCH AND REPAIR ALL DISTURBED INTERIOR AND EXTERIOR FINISHES AS REQUIRED.
7. CONTRACTOR SHALL VERIFY AND COORDINATE ALL HARDWARE WITH OWNER PRIOR TO ORDERING OR INSTALLING. COORDINATE WITH ACTUAL FIELD CONDITIONS FOR A COMPLETE INSTALLATION.
8. CONTRACTOR SHALL COORDINATE WITH OWNER'S ARCHITECT BY ALL OWNERS TO MATCH EXISTING MASTER KEYING SYSTEM FOR COMPANY STANDARD.
9. ALL DOOR HARDWARE, CARD ACCESS READER AND SECURITY HARDWARE SHALL BE COORDINATED WITH OWNER REGARDING REQUIREMENTS. PROVIDE POWER AS REQUIRED.
10. GC TO PROVIDE AND INSTALL ALL REQUIRED BLOCKING, SHIMS, AND SEALANT FOR A COMPLETE INSTALLATION. WOOD TO BE PRESSURE TREATED WHERE APPLICABLE.



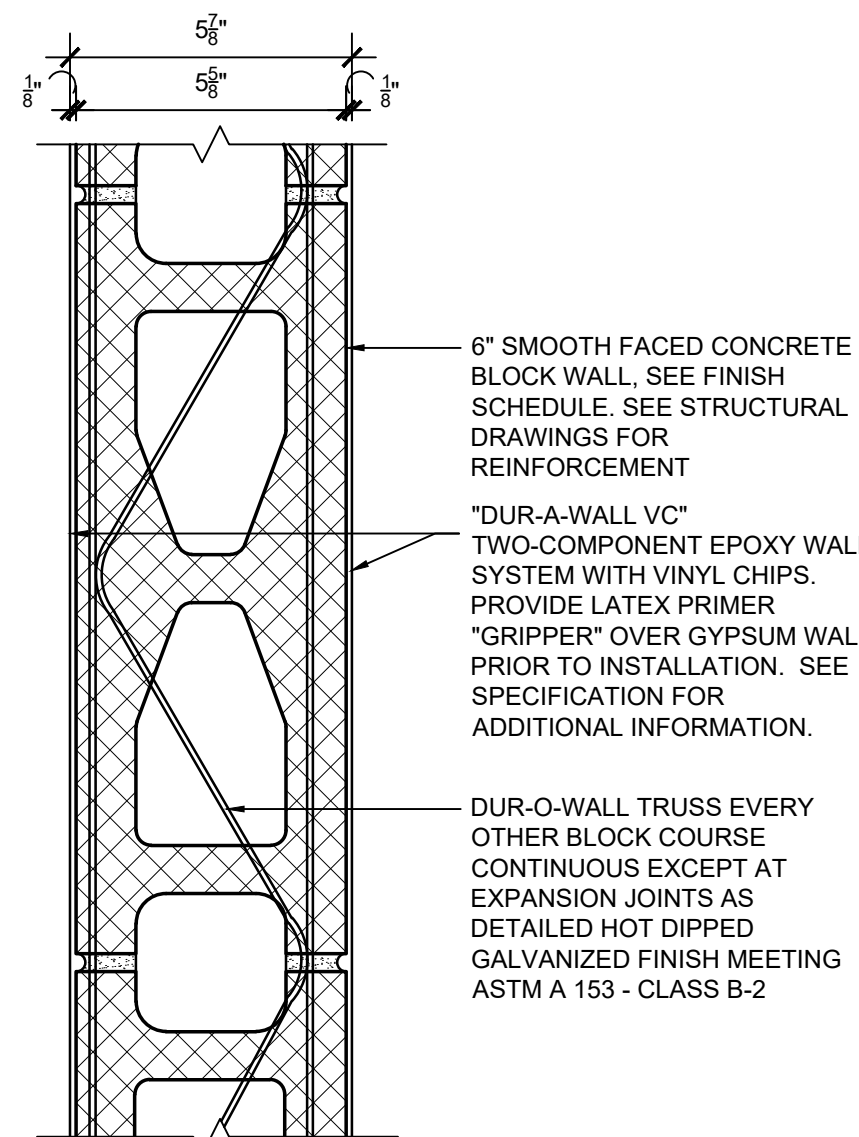
A1	Wall Type
	3" = 1'-0" INTERIOR PARTITION



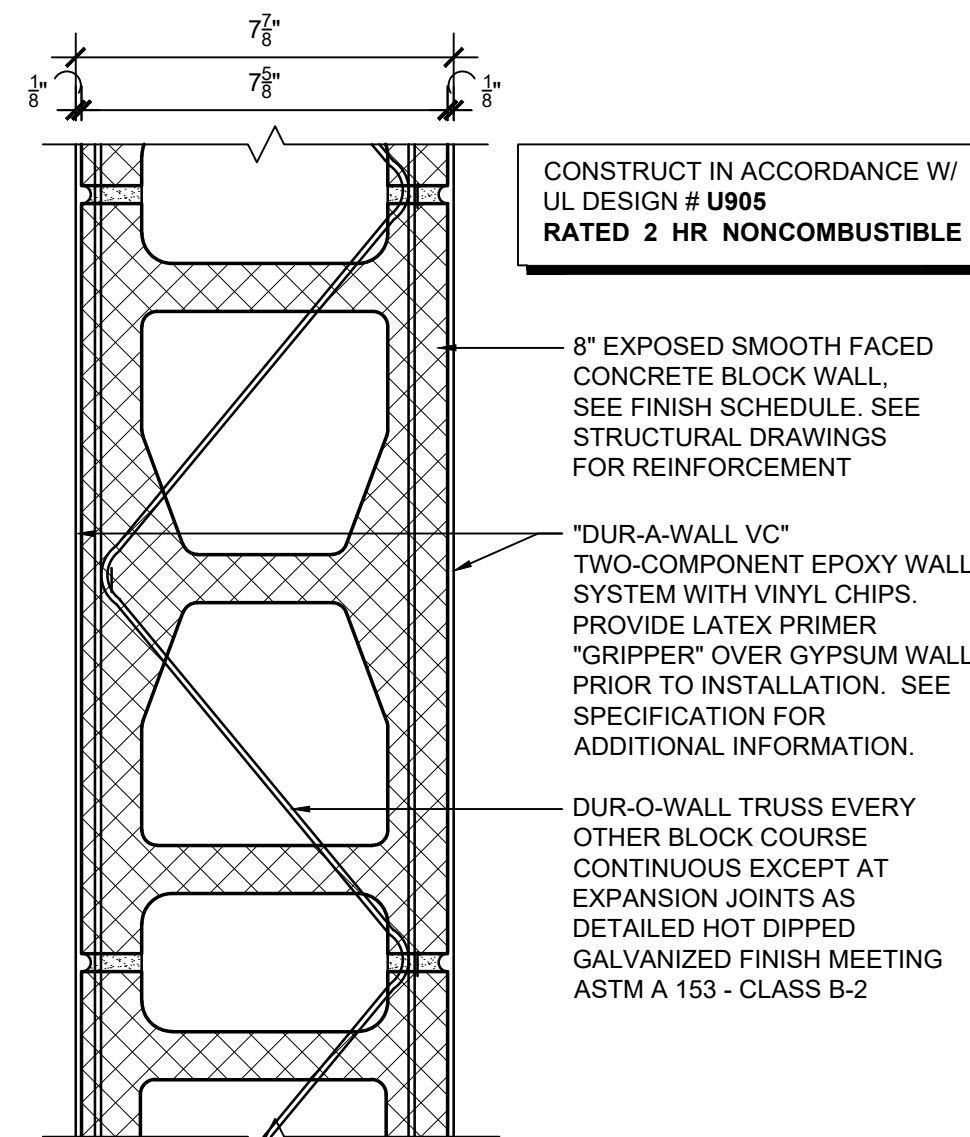
A2	Wall Type	
	3" = 1'-0"	INTERIOR PARTITION



B1	Wall Type
	3" = 1'-0" INTERIOR PARTITION

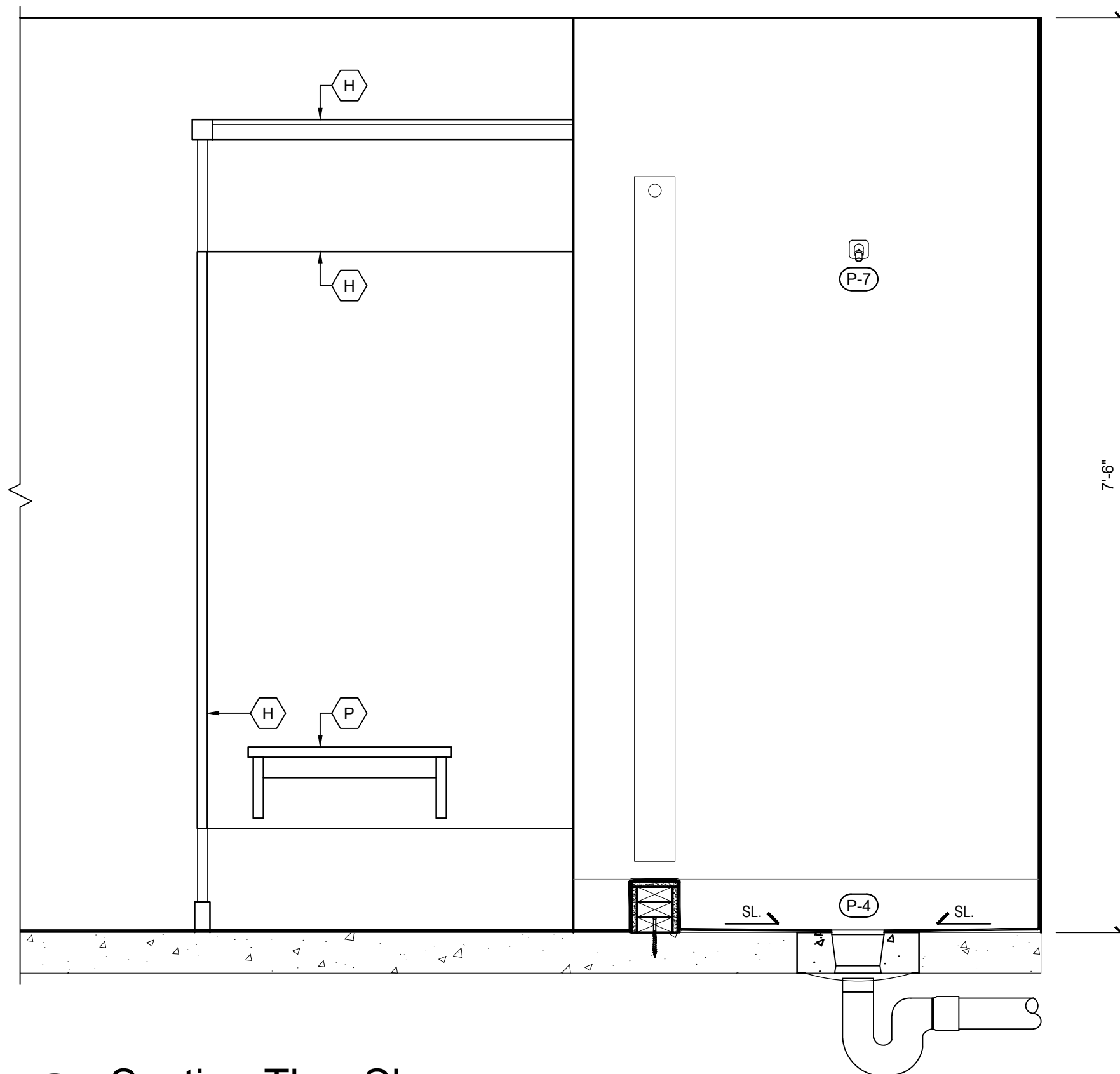
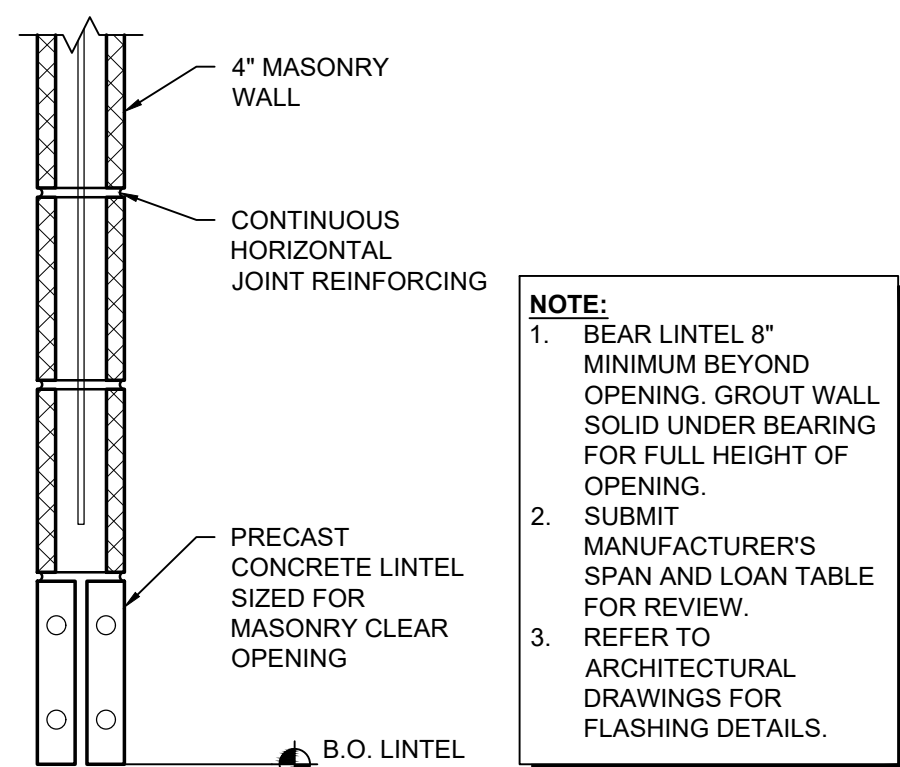
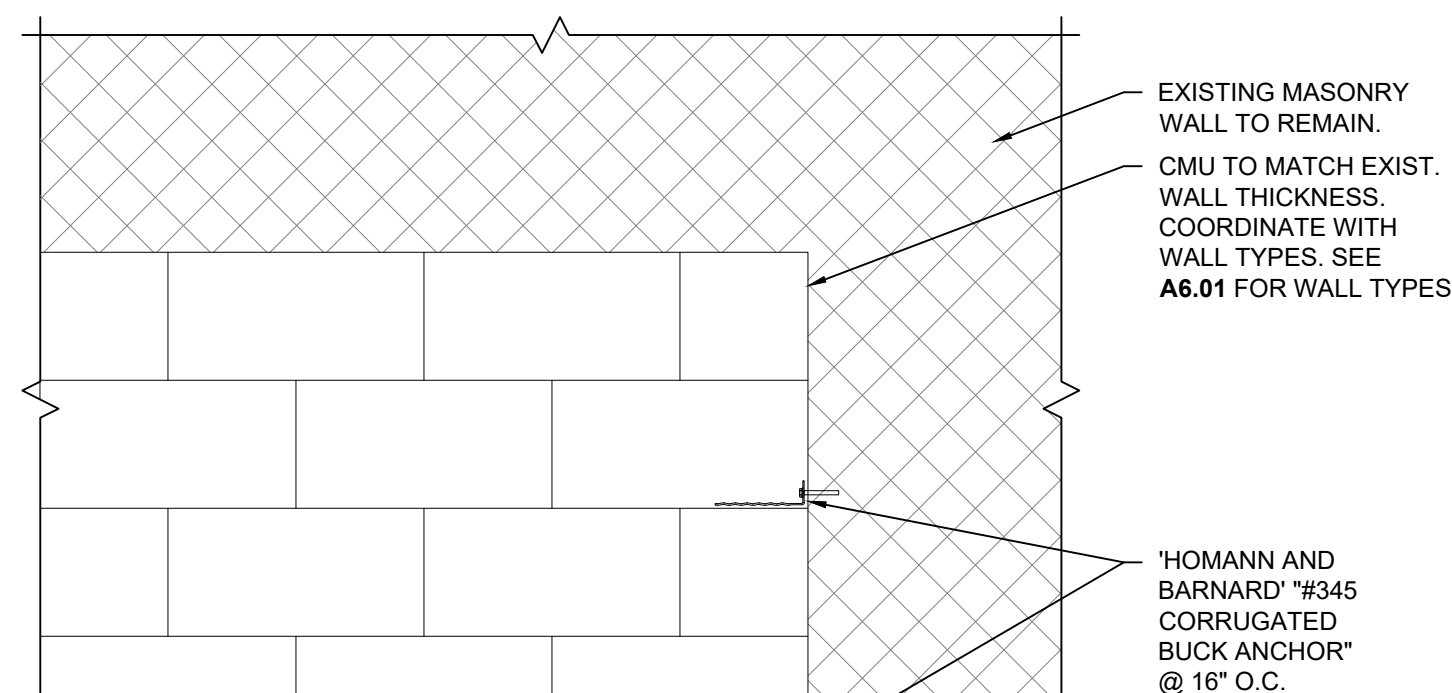


B2	Wall Type	
	3" = 1'-0"	INTERIOR PARTITION



B3	Wall Type
	3" = 1'-0" INTERIOR PARTITION

A6.02

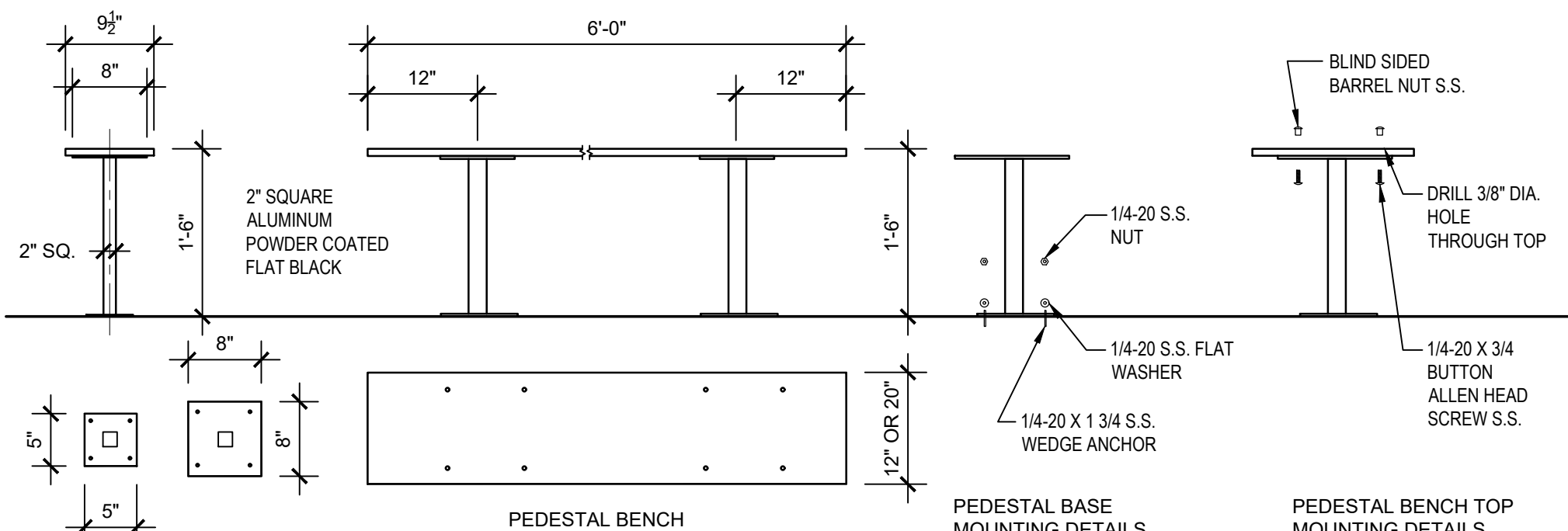


1/2" = 1'-0" TYPICAL LOCKER ROOM

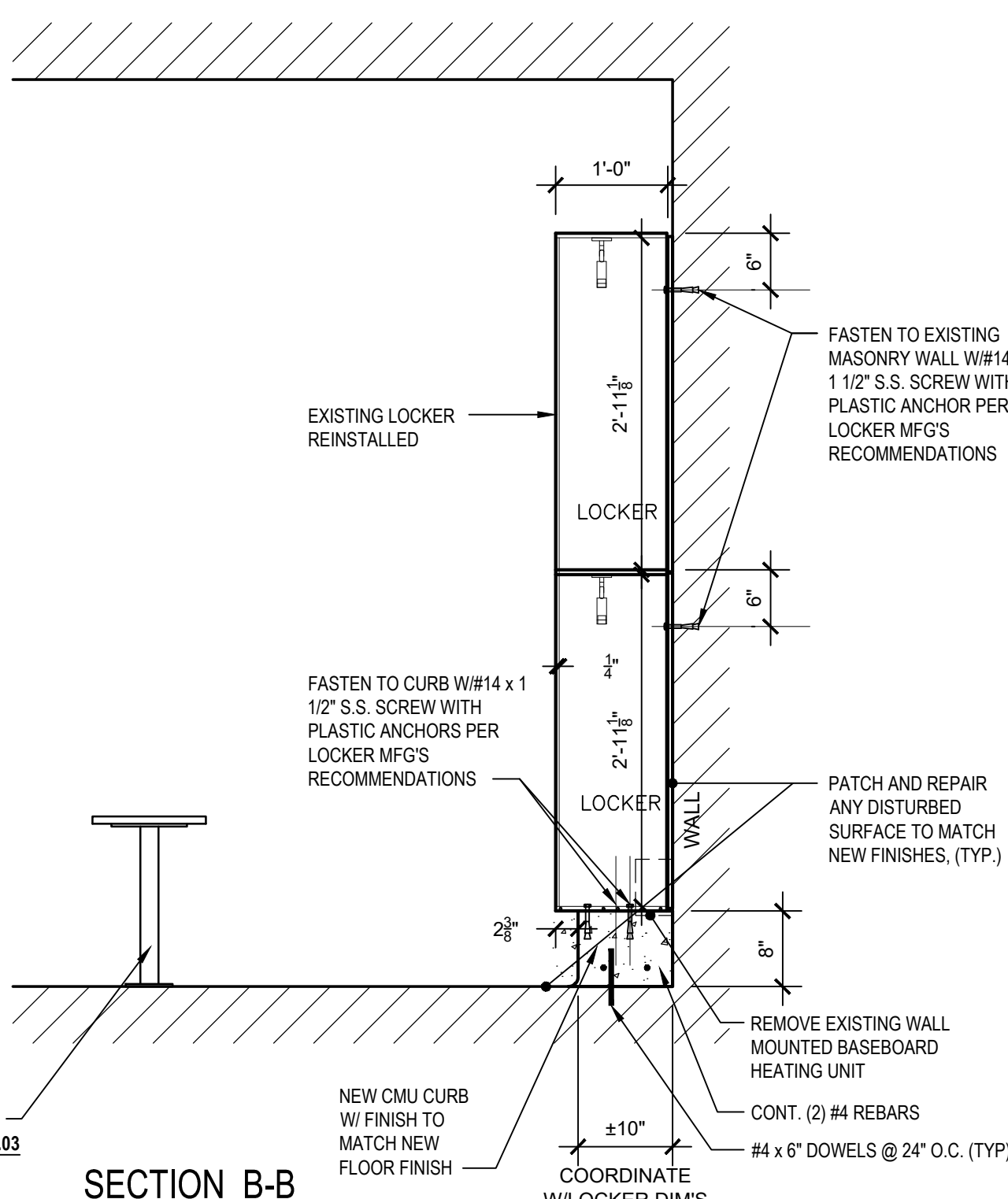
N.T.S

$$1\frac{1}{2}'' = 1'-0''$$

3/4" THICK PHENOLIC BENCH TOP

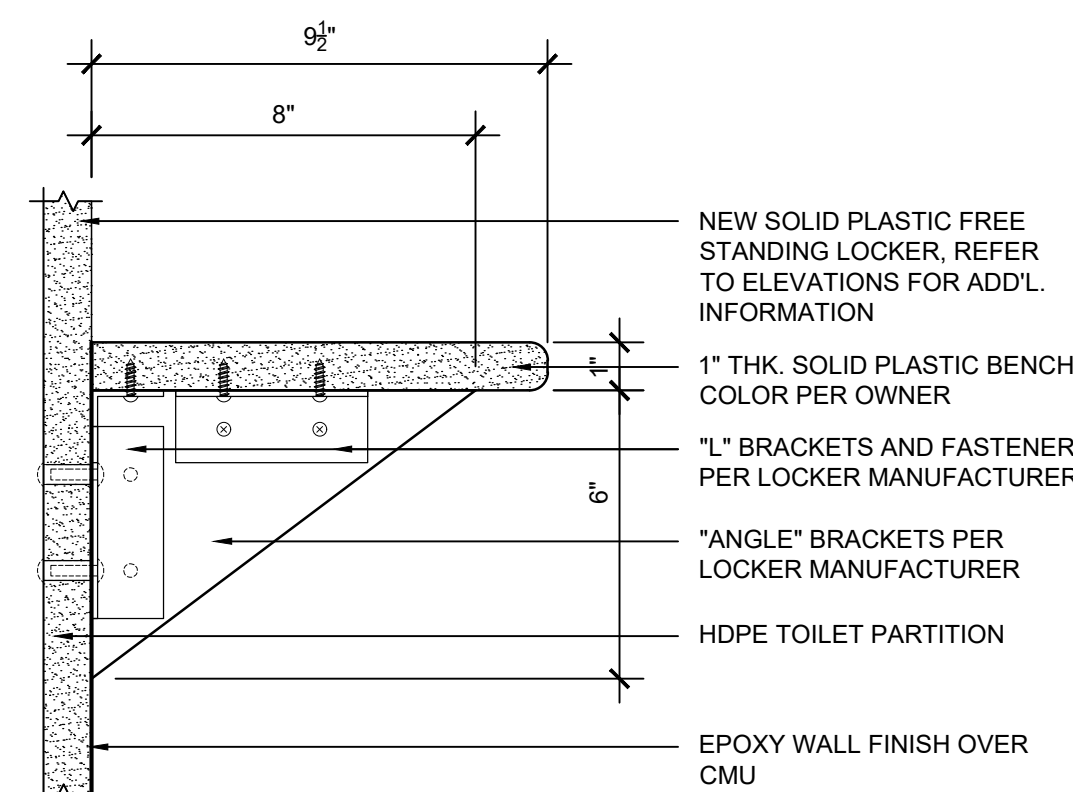


$3/4" = 1'-0"$

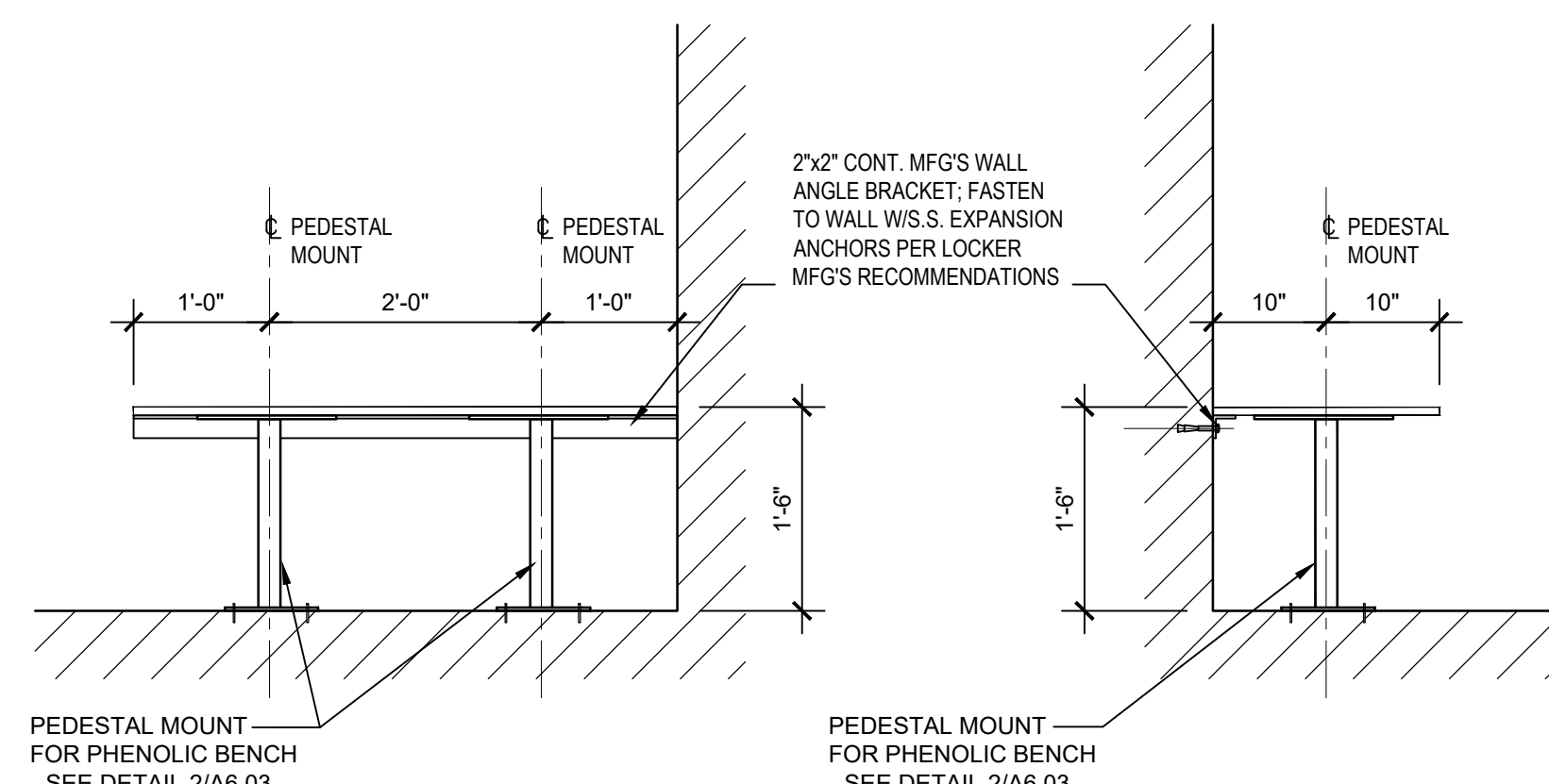

$$3/4'' = 1'-0''$$

DESCRIPTION	# OF SUPPORTS
12" X 36" WALL MOUNTED BENCH	2
12" X 48" WALL MOUNTED BENCH	2
12" X 60" WALL MOUNTED BENCH	3
12" X 72" WALL MOUNTED BENCH	3
12" X 84" WALL MOUNTED BENCH	4
12" X 96" WALL MOUNTED BENCH	4

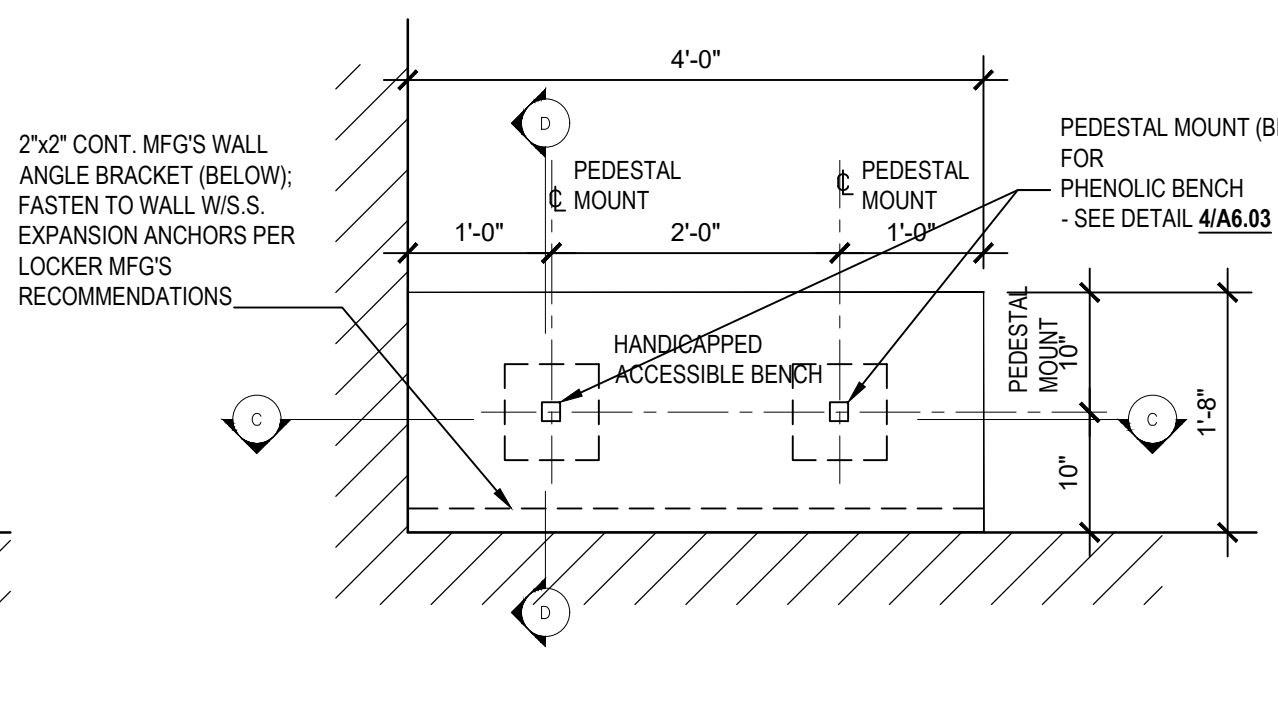
ANCHORING MUST BE INTO BACKING TO SUPPORT
WEIGHT OF THE BENCH AND PERSON



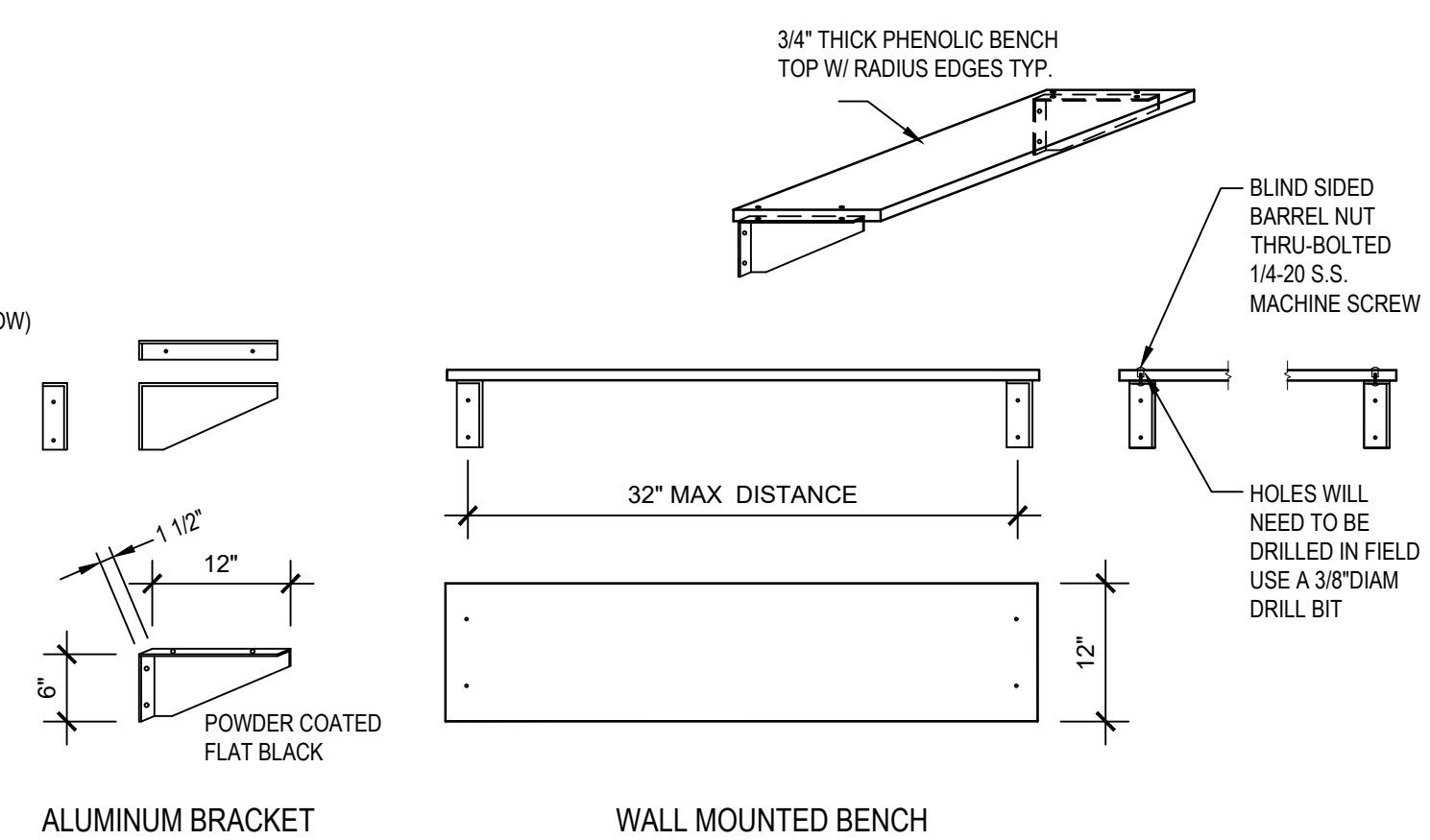
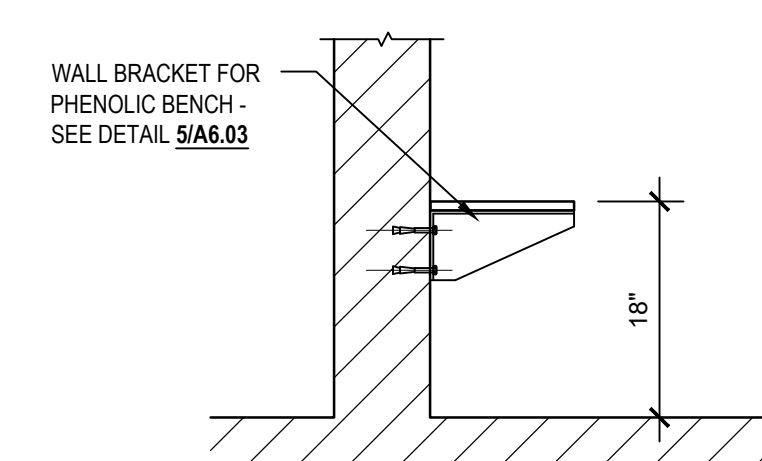
3" = 1'-0"



3/4" = 1'-0"



PLAN


$$\frac{3}{4}'' = 1'-0''$$


SECTION E-E

3/4" = 1'-

NY Certificate of Authorization	
Eng.'s. No.	0018667
Date	9/15/23
Checked	TT
Drawn	BP

DANIELLE L. FARRELL, R.A.	License No.	039812-1	EXP. 12/31/25
	Title REGISTERED ARCHITECT		

Revisions:
08/30/24
ISSUE FOR BID

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Engineering,
Planning,
Architecture,
Surveying LLP

LAN
ASSOCIATES

NYSED PROJECT # 66-07-01-03-0-0111-031

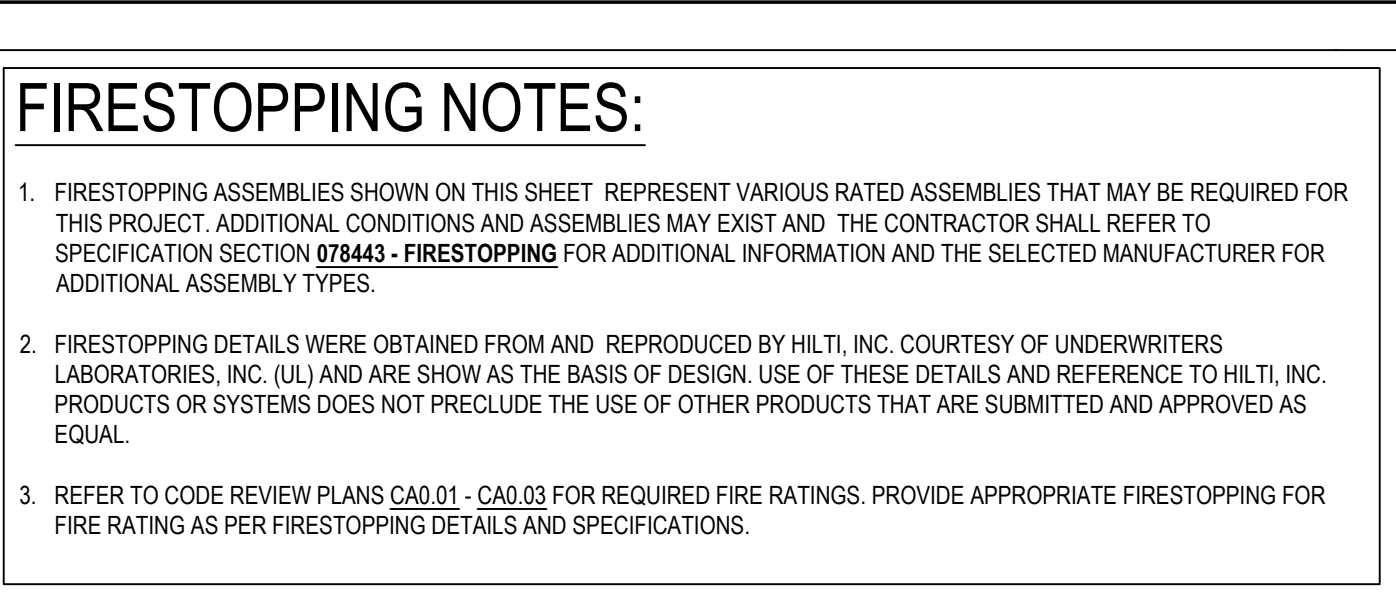
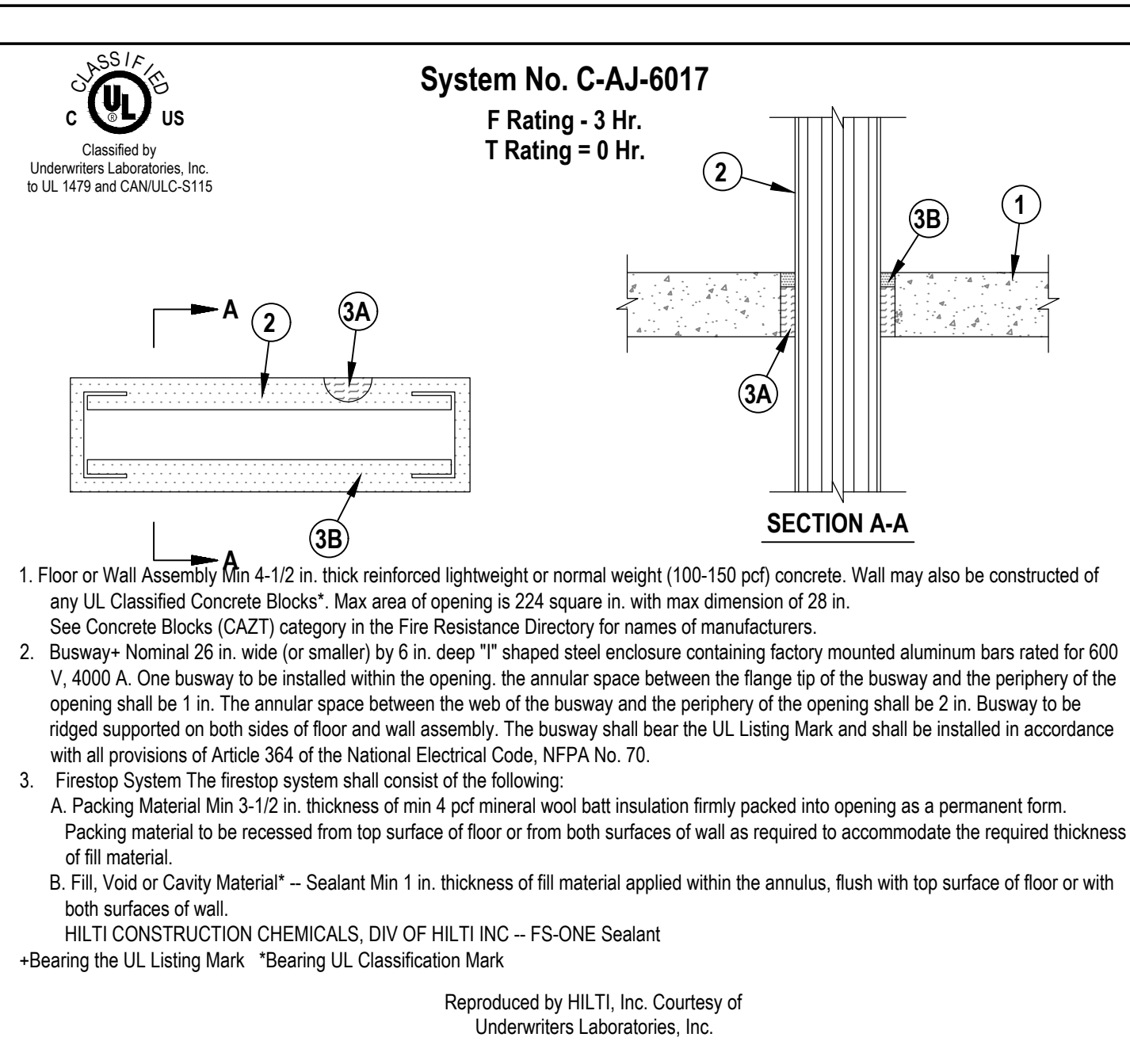
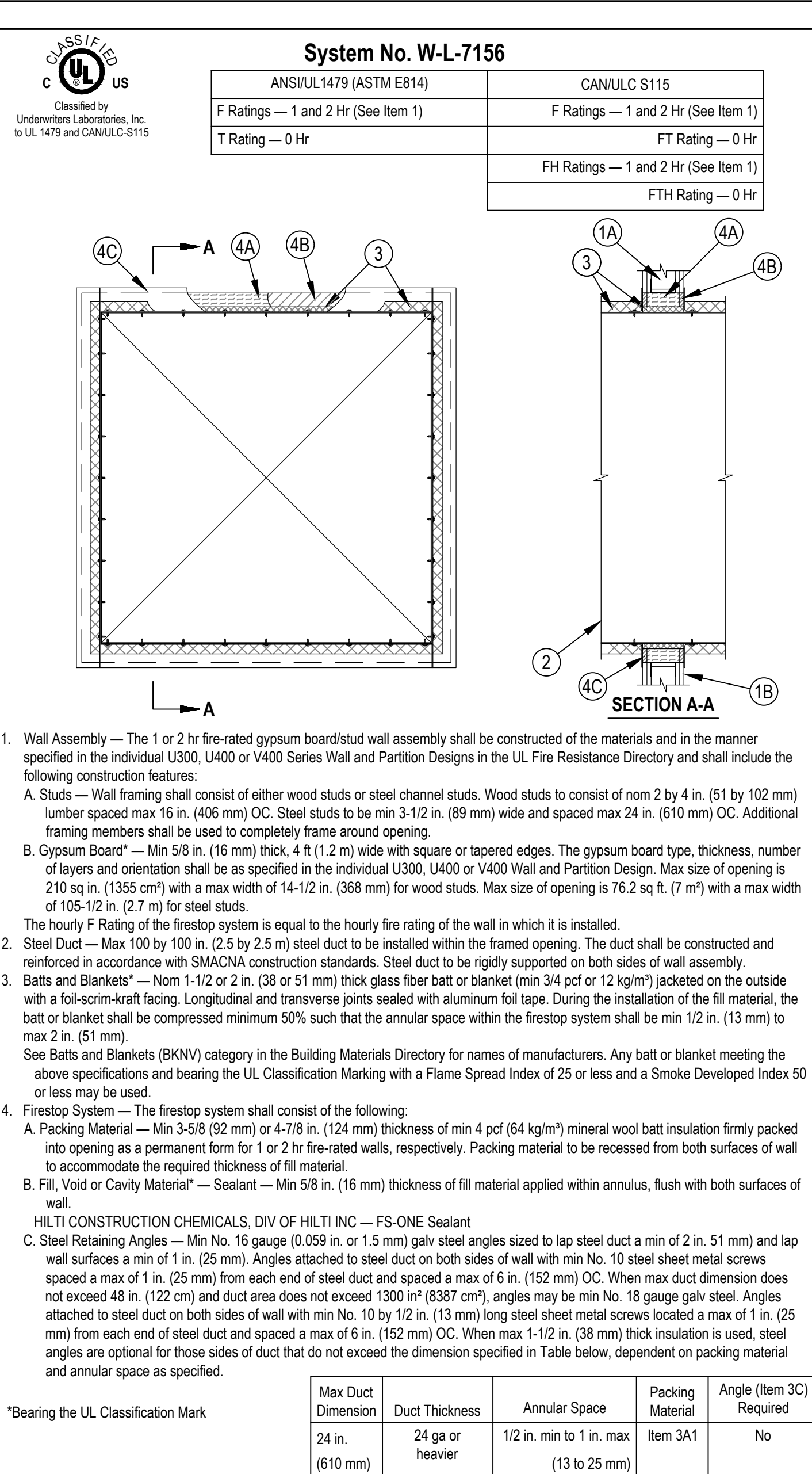
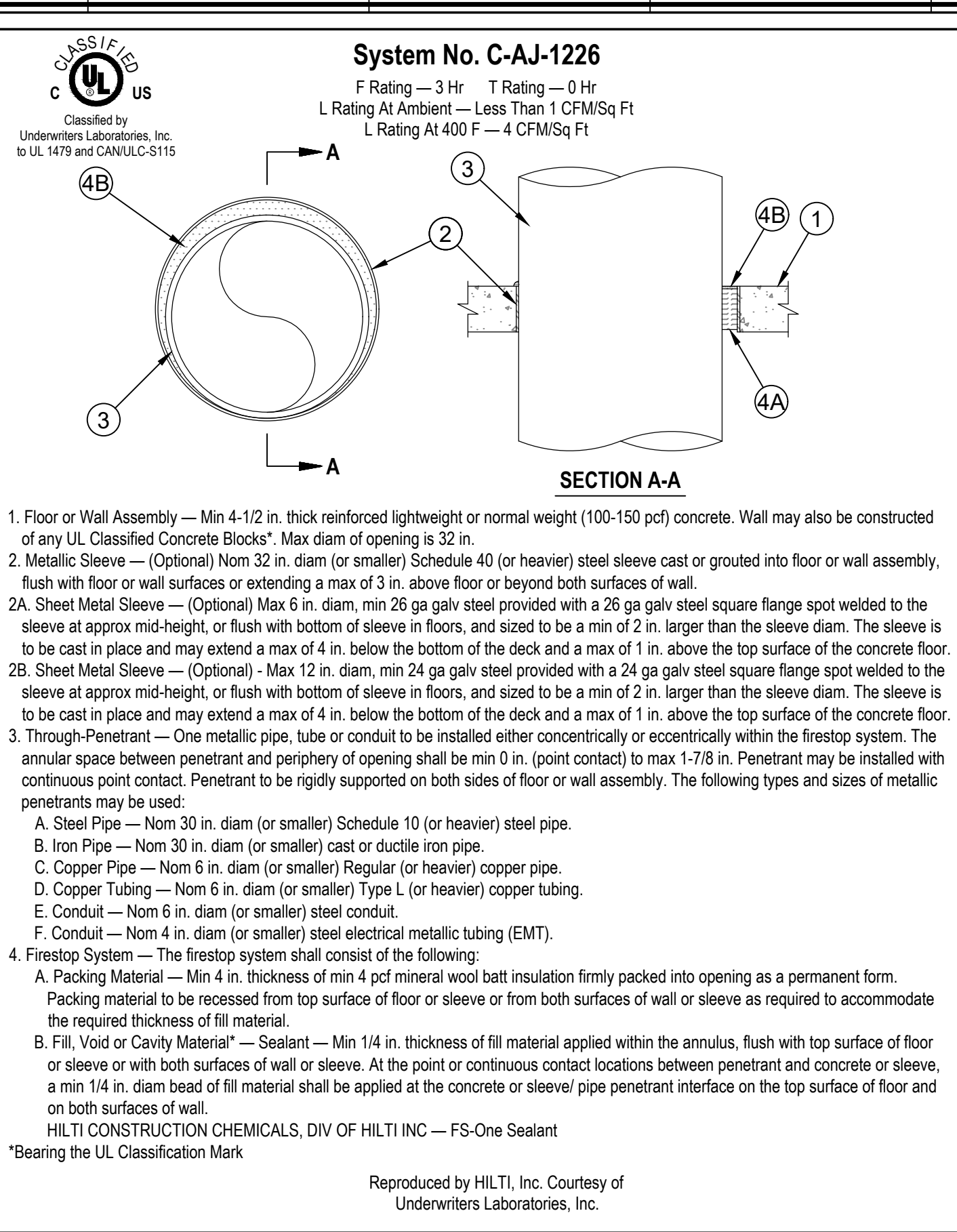
DETAILS

POOL LOCKER ROOM RENOVATIONS AT
HOMMOCKS MIDDLE SCHOOL
130 HOMMOCKS ROAD
LARCHMONT, NY 10538

Job No. 4.1092.87

File No. 4109287A60

A6.03



A	ADA TILT MIRROR: "BOBRICK" MODEL #B-293 1830 "18"X30" S.S. FIXED-POSITION TILT MIRROR.	S	ADA FOLDING CHANGING BENCH: "FREEDOM SHOWERS" 30" X 15" FOLDING BENCH WITH LEGS, PHENOLIC SLATTED WHITE
B	MIRROR: "BOBRICK" MODEL #B-165 1830 "18"X30" S.S. CHANNEL FRAME MIRROR.	T	ADA SHOWER BENCH: "BOBRICK" B-5181 REVERSIBLE FOLDING SHOWER SEAT
C	SOAP DISPENSER: "BOBRICK" CONTURA SERIES MODEL #B-4112 SURFACE-MOUNTED SOAP DISPENSER.	U	HIDDEN BRACKET: SOLID SURFACE COUNTER TOP SUPPORT BRACKET. 24" C.C. MAX. WITH (R) - #10 x 11/2" SCREWS AT EACH BRACKET. COLOR SELECTED BY OWNER.
D	TOILET TISSUE DISPENSER: "BOBRICK" MODEL #B-274 DOUBLE-ROLL TOILET TISSUE DISPENSER WITH CONTROLLED DELIVERY.		
E	SANITARY NAPKIN DISPOSAL: "BOBRICK" MODEL #B-270 CONTURA SERIES SURFACE-MOUNTED SANITARY NAPKIN DISPOSAL (GIRL'S ROOMS ONLY)	NOTES:	
F	ADA HAND DRYER: "BOBRICK" MODEL #B-7128 QUIETURY SERIES TRIMORY SURFACE-MOUNTED ADA DRYER. SATIN STAINLESS STEEL COVER. 115V.	1.	CONTRACTOR TO PROVIDE ALL CONCEALED ARM CHAIR SUPPORTS FOR ALL PLUMBING FIXTURES REQUIRED.
G	LABORATORY PROTECTIVE ENCLOSURE: "LAY SHIELD" BY "TRUEBOY INC." MODEL #2018-AS-C. PROVIDE AN ENCLOSURE AT EACH LABORATORY.	2.	REFER TO PLUMBING FIXTURE SCHEDULE ON PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
H	TOILET PARTITIONS: FLOOR MOUNTED OVERHEAD-BRACED SOLID PLASTIC HOSE "HINY HIDERS" BY "SCRANTON". 1" THICK DOORS, PANELS AND FLASTERS. 1" THICK POST-MOUNTED URINAL SCREENS (FLOOR MOUNTED). HEAVY-DUTY ALUMINUM HARDWARE AND ACCESSORIES. CONTINUOUS ALUMINUM HINGES, AND HEAVY DUTY ALUMINUM LATCH & KEEPERS. DOOR BUMPER AND DOOR PULL.	(P-1)	WATER CLOSET: FLOOR MOUNTED
J	18" VERTICAL GRAB BAR: "BOBRICK" MODEL #B-8806 99, STAINLESS STEEL 1-1/2" DIAMETER PEENED NON-SLIP GRIPPING SURFACE WITH POLISHED FLANGE.	(P-1A)	ADA WATER CLOSET: FLOOR MOUNTED
K	36" HORIZONTAL (REAR) GRAB BAR: "BOBRICK" MODEL #B-8806 99, STAINLESS STEEL 1-1/2" DIAMETER PEENED NON-SLIP GRIPPING SURFACE WITH POLISHED FLANGE.	(P-2)	LABATORY: COUNTER MOUNT
L	42" HORIZONTAL (SIDE) GRAB BAR: "BOBRICK" MODEL #B-8806 99, STAINLESS STEEL 1-1/2" DIAMETER PEENED NON-SLIP GRIPPING SURFACE WITH POLISHED FLANGE.	(P-2A)	RESERVED
M	WASTE RECEPTACLE: "BOBRICK" MODEL #B-2280 21 GAL. FREE STANDING WASTE RECEPTACLE.	(P-3)	URINAL: WALL HUNG
N	ADA SHOWER GRAB BAR: "BOBRICK" MODEL #B5837 TWO-WALL TUB/SHOWER COMPARTMENT BAR.	(P-3A)	URINAL: ADA WALL HUNG
P	SHOWER BENCH: "SCRANTON" 96" DEEP WALL MOUNTED BENCH. LENGTH VARIES. COLOR TO MATCH PARTITIONS.	(P-4)	FLOOR DRAIN
Q	SHOWER CURTAIN WITH ROD: "BOBRICK" MODEL #B-207 (ROD) AND #204-2 (CURTAIN). PROVIDE WITH APPROPRIATE NUMBER OF #204-1 HOOKS.	(P-5)	HOSE BIBB
R	RESERVED	(P-6)	MOP SINK
		(P-7)	SHOWER HEAD: VANDAL RESISTANT SHOWER HEAD. SEE PLUMBING DRAWINGS.
		(P-7A)	ADA SHOWER HEAD: ADA COMPLIANT SHOWER HEAD. SEE PLUMBING DRAWINGS
		(P-8)	LABORATORY: WALL MOUNT
		(P-8A)	LABORATORY: ADA WALL MOUNT

REFER TO FINISH LEGEND FOR FINISH DESCRIPTIONS.
REFER TO FLOOR FINISH LEGEND ON SHEET A9.01 FOR FLOOR PATTERNS
WHERE NEW WALLS / FINISHES INTERSECT EXISTING, CONTRACTOR SHALL FINISH / SEAL INTERSECTION OR GAPS TO ACHIEVE A FINISHED APPEARANCE THROUGHOUT.
ALL DISTURBED SURFACES SHALL BE PATCHED AND REPAIRED TO MATCH EXISTING. ANY DAMAGE RESULTING FROM THE CONTRACTOR(S) ACTIONS SHALL BE REPAIRED IN LIKE AND KIND AT NO ADDITIONAL COST TO THE OWNER.
CONTRACTOR SHALL COORDINATE FINISHES WITH INSTALLATION OF TOILET ACCESSORIES, PLUMBING FIXTURES, DOOR BUCKS, THRESHOLDS, LIGHTING FIXTURES, GWB GRILLES, CASEWORK, LOCKERS, BENCHES, FURNITURE, ETC.
CONTRACTOR SHALL COORDINATE FLOOR TRANSITIONS BETWEEN FINISH MATERIALS AND CHANGES IN ELEVATION TO BE BARRIER-FREE ADA COMPLIANT.
COLORS, PATTERNS AND INSTALL TRANSITION STRIP AT ALL CHANGES BETWEEN FLOOR FINISH MATERIALS AS REQUIRED TO BE BARRIER-FREE ADA COMPLIANT.
CONTRACTOR SHALL COORDINATE INSTALLATION OF FINISHES WITH RESPECTIVE TRADES TO ACCOMMODATE THE INSTALLATION OF PLUMBING, MECHANICAL, LIGHTING, ETC. REFER TO REFLECTED CEILING PLAN, CEILING TYPE SCHEDULE AND DETAILS.
ALL FLOOR FINISH MATERIALS SHALL BE OF SLIP-RESISTANT SURFACE.
COLORS, PATTERNS AND TEXTURES OF ALL FINISH MATERIALS SHALL BE SELECTED BY OWNER. PROVIDE SAMPLES AS REQUIRED.
1. ALL ACCESS PANELS, HATCHES, GYPSUM BOARD SOFFITS, BULKHEADS, GWB GRILLES AND REGISTERS SHALL BE PAINTED TO MATCH CEILING FINISHES UNLESS INDICATED OTHERWISE.
2. ALL FLOOR FINISHES SHALL BE CONTINUOUS UNDERNEATH BUILT-IN FURNITURE AND CASEWORK. INFORMATION SHOWN ON PLANS IS FOR DIAGRAMMATIC PURPOSES ONLY AND FLOOR FINISHES UNDER CASEWORK MAY NOT BE SHOWN FOR CLARITY OF THE FLOOR SLAB.
3. ALL FLOOR PENETRATIONS ARE REQUIRED TO BE SEALED WITH LISTED/RATED MATERIAL TO MAINTAIN 2-HOUR FIRE RATING OF THE FLOOR SLAB.
4. INSTALL PVC MOLDED CORNER GUARDS AT ALL EXTERIOR CORNERS OF METAL STUD AND GWB WALLS, COLOR TO MATCH WALL.
5. ALL DOOR FRAMES WITHIN AREAS OF WORK TO BE PAINTED, COLOR SELECTED BY OWNER.
6. CONTRACTOR SHALL PREP ALL WALLS AND SUBFLOORS AS REQUIRED TO ACCEPT NEW WALL AND FLOOR FINISHES.

ABBREVIATION	DESCRIPTION
ACT	ACOUSTIC CEILING TILE: REFER TO REFLECTED CEILING PLAN FOR CEILING TYPES (CT-#)
CONC	CONCRETE
(EPXF FLOOR)	EPOXY/ALIPHATIC URETHANE TOPCOAT SEAMLESS FLOORING SYSTEM. REFER TO FLOOR FINISH LEGEND AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
(EPXC COVE)	4" INTEGRAL EPOXY COVE BASE. PROVIDE MANUFACTURERS METAL TRANSITION BETWEEN WALL AND COVE BASE.
(EPXW WALL)	EPOXY WALL SYSTEM. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION. FULL HEIGHT OF WALL UNLESS NOTED OTHERWISE, TYPICAL.
EXTR	EXISTING TO REMAIN
GWB	GWB. TAPE, SPACKLE AND PAINT ALL JOINTS. REFER TO PAINTING SPEC FOR ADDITIONAL INFORMATION.

FOR ALL WORK AREAS: WHERE REQUIRED, NEW FLOOR TO BE
 INSTALLED OVER SELF LEVELING MATERIAL. BASIS OF
 DESIGN TO BE 'CMP LEVEL 1' SELF-LEVELING WITH 'CMP
 LOCKDOWN' VAPOR SUPPRESSION SYSTEM.

A	60" CLR. WHEELCHAIR TURNING RADIUS
B	30"x48" CLEAR AT LAVATORY
C	56"x60" CLEAR AT WATER CLOSET
D	30"x48" CLEAR DOOR APPROACH
E	60"x60" T-SHAPED TURNING SPACE
F	60"x54" CLEAR DOOR APPROACH
G	60"x30" ROLL-IN SHOWER COMPARTMENT CLEARANCE

EW SIGNAGE TO BE PROVIDED AND INSTALLED BY GC FOR ALL NEW AND REPURPOSED SPACES. REFER TO SPECIFICATION SECTION 101419 AND 'ADA ROOM SIGNAGE' INFORMATION ON THIS SHEET. COORDINATE ALL SIGNAGE REQUIREMENTS WITH OWNER.

ALL WOOD BLOCKING IS BY GENERAL CONTRACTOR. A WOOD BLOCKING INSPECTION IS REQUIRED BY ARCHITECT PRIOR TO CLOSING WALLS.

CONTRACTOR SHALL PROVIDE P.T. BLOCKING FOR ALL TOILET ROOMS ACCESSORIES PROVIDED AS PART OF THE CONTRACT AND THOSE PROVIDED BY OWNER AND INSTALLED BY CONTRACTOR. THIS SHALL INCLUDE BUT NOT BE LIMITED TO TOILET PARTITIONS, GRAB BARS AND ALL ACCESSORIES MOUNTED TO THE WALL. BLOCKING SHALL BE PROVIDED AS PER SPECIFICATION SECTION 061000- ROUGH CARPENTRY.

ROOM NAME	SUB-FLOOR	FLOOR FINISH	BASE	BASE HEIGHT	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	SIGNAGE SET	NOTES		CEILING	CEILING HEIGHT
COORIDOR	CONC.	EPXF	EPXC	4"	EPXW	EPXW	EPXW	EPXW				GWB	8' - 0"
MENS LOCKER ROOM	CONC.	EPXF	EPXC	4"	EPXW	EPXW	EPXW	EPXW	2			GWB	8' - 0"
CHANGING BOOTHS	CONC.	EPXF	EPXC	4"	EPXW	EPXW	EPXW	EPXW	1			GWB	8' - 0"
SHOWERS	CONC.	EPXF	EPXC	4"	EPXW	EPXW	EPXW	EPXW	1			GWB	7' - 6"
MEN'S BATHROOM	CONC.	EPXF	EPXC	4"	EPXW	EPXW	EPXW	EPXW	2			GWB	7' - 6"
HALLWAY	CONC.	EPXF	EPXC	4"	EPXW	EPXW	EPXW	EPXW				GWB	7' - 6"
JANITOR'S CLOSET	CONC.	EPXF	EPXC	4"	EPXW	EPXW	EPXW	EPXW	1			GWB	7' - 6"
CORRIDOR	CONC.	EPXF	EPXC	4"	EPXW	EPXW	EPXW	EPXW	1			GWB	8' - 0"
CLOSET	CONC.	EPXF	EPXC	4"	EPXW	EPXW	EPXW	EPXW	1			GWB	8' - 0"
WOMEN'S LOCKER ROOM	CONC.	EPXF	EPXC	4"	EPXW	EPXW	EPXW	EPXW	2			GWB	8' - 0"
CHANGING BOOTHS	CONC.	EPXF	EPXC	4"	EPXW	EPXW	EPXW	EPXW	1			GWB	8' - 0"
SHOWERS	CONC.	EPXF	EPXC	4"	EPXW	EPXW	EPXW	EPXW	1			GWB	7' - 6"
WOMEN'S BATHROOM	CONC.	EPXF	EPXC	4"	EPXW	EPXW	EPXW	EPXW	2			GWB	7' - 6"
HALLWAY	CONC.	EPXF	EPXC	4"	EPXW	EPXW	EPXW	EPXW				GWB	7' - 6"
JANITOR'S CLOSET	CONC.	EPXF	EPXC	4"	EPXW	EPXW	EPXW	EPXW	1			GWB	7' - 6"
ADA CHANGING ROOM	CONC.	EPXF	EPXC	4"	EPXW	EPXW	EPXW	EPXW	2			GWB	8' - 0"
NON-ADA CHANGING ROOM	CONC.	EPXF	EPXC	4"	EPXW	EPXW	EPXW	EPXW	2			GWB	8' - 0"
POOL	CONC.	EPXF	EPXC	4"	ETR	ETR	ETR	ETR			ADD ALTERNATE SEE SPECIFICATION SECTION 012300.	ETR.	ETR.

LETTERS AND NUMERALS MUST BE RAISED 1/32" FROM SIGN SURFACE.

CHARACTER HEIGHT MUST BE AT LEAST 5/8" BUT NOT EXCEED 2".

TYPE STYLE FOR LETTERS AND NUMBERS SHALL BE "SANS SERIF". CHARACTERS SHALL NOT BE ITALIC, OBLIQUE, SCRIPT, HIGHLY DECORATIVE, OR OF OTHER UNUSUAL FORMS.

WORDS AND NUMBERS MUST BE CONVERTED INTO GRADE 2 BRAILLE, AND BE APPLIED TO SIGN.

PICTOGRAMS SHALL BE ACCOMPANIED BY THE EQUIVALENT VERBAL DESCRIPTION PLACED DIRECTLY BELOW PICTOGRAM.

6" MIN. PICTOGRAM FIELD

6" MIN. PICTOGRAM FIELD

ROOM NAME

ACCESSIBILITY SIGN

A.N.S.I. APPROVED E.S. PLASTIC NEMA RATED SELF EXTINGUISHING ADHESIVE MOUNTED

DOOR

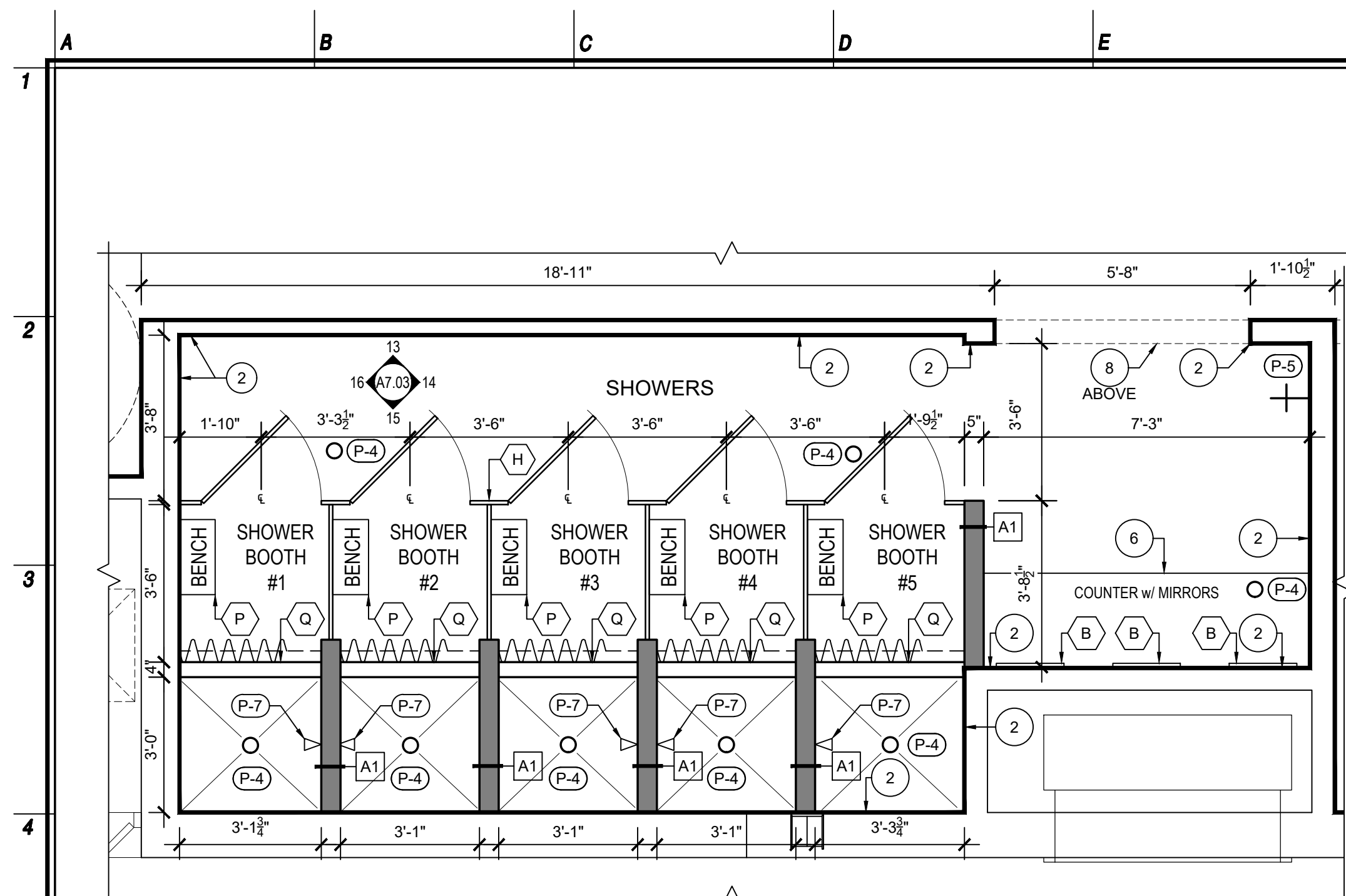
LEVER HANDLE (LATCH SIDE)

48" MIN. 60" MAX.

SIGNAGE NOTES:

1. ALL SIGNAGE SHALL CONFORM WITH THE ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES GUIDELINES IN ACCORDANCE WITH ICC/ANSI A117.1-2009.
2. CONTRACTOR SHALL FURNISH AND INSTALL ALL REQUIRED SIGNAGE. COORDINATE ROOM NAMES AND NUMBERS WITH OWNER'S REQUIREMENTS. TYPICAL.
3. SEE SPECIFICATION SECTION 101419 FOR SIGNAGE SCHEDULE AND ADDITIONAL INFORMATION.
4. PROVIDE SIGNAGE AT EACH DOOR IF THERE ARE MULTIPLE DOORS INTO A SPACE.





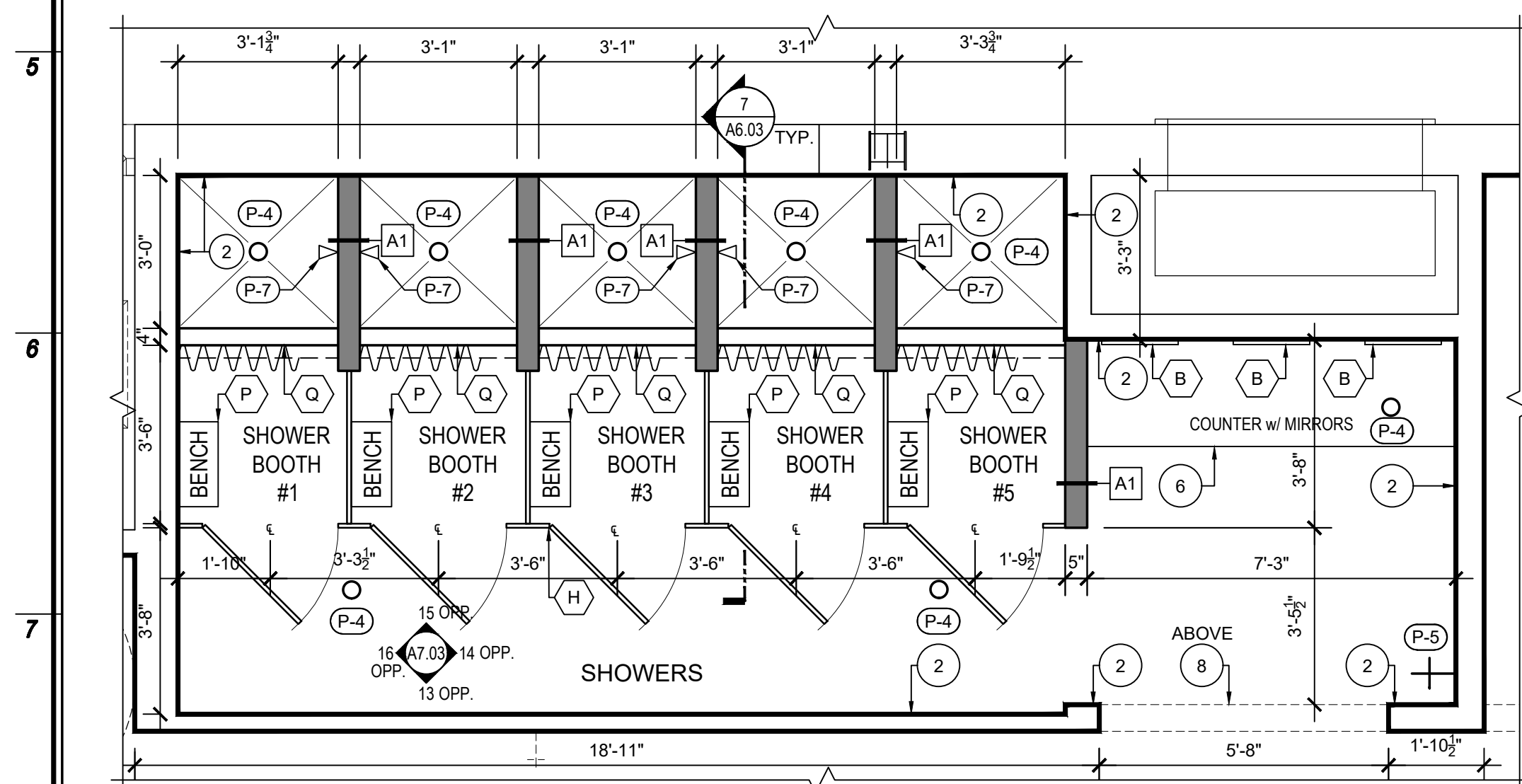

Enlarged Floor Plan

1
A7.02

3/8" = 1'-0"

MEN'S SHOWER

NORTH



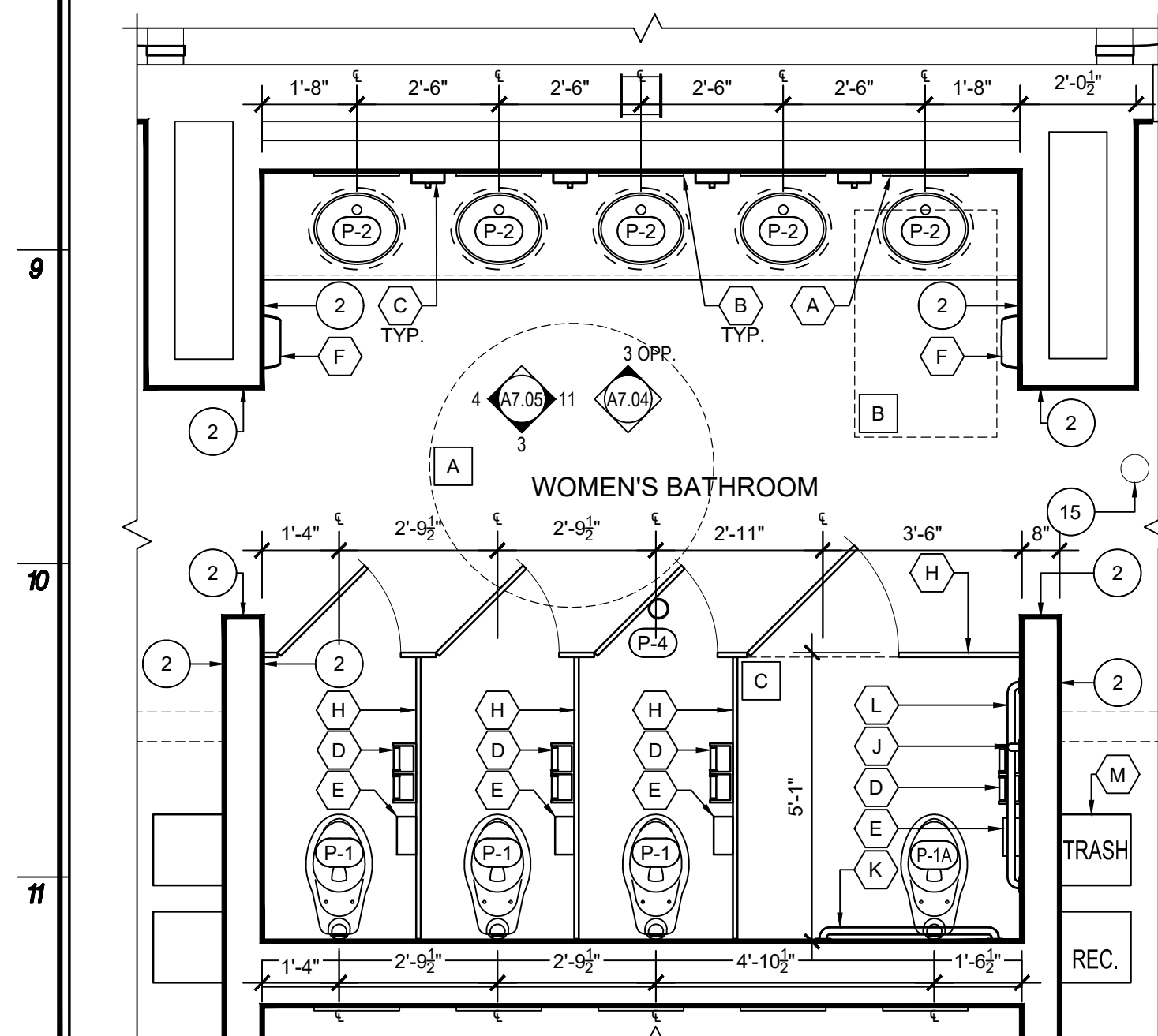

3
A7.02

Enlarged Floor Plan

3/8" = 1'-0"

WOMEN'S SHOWER

NORTH



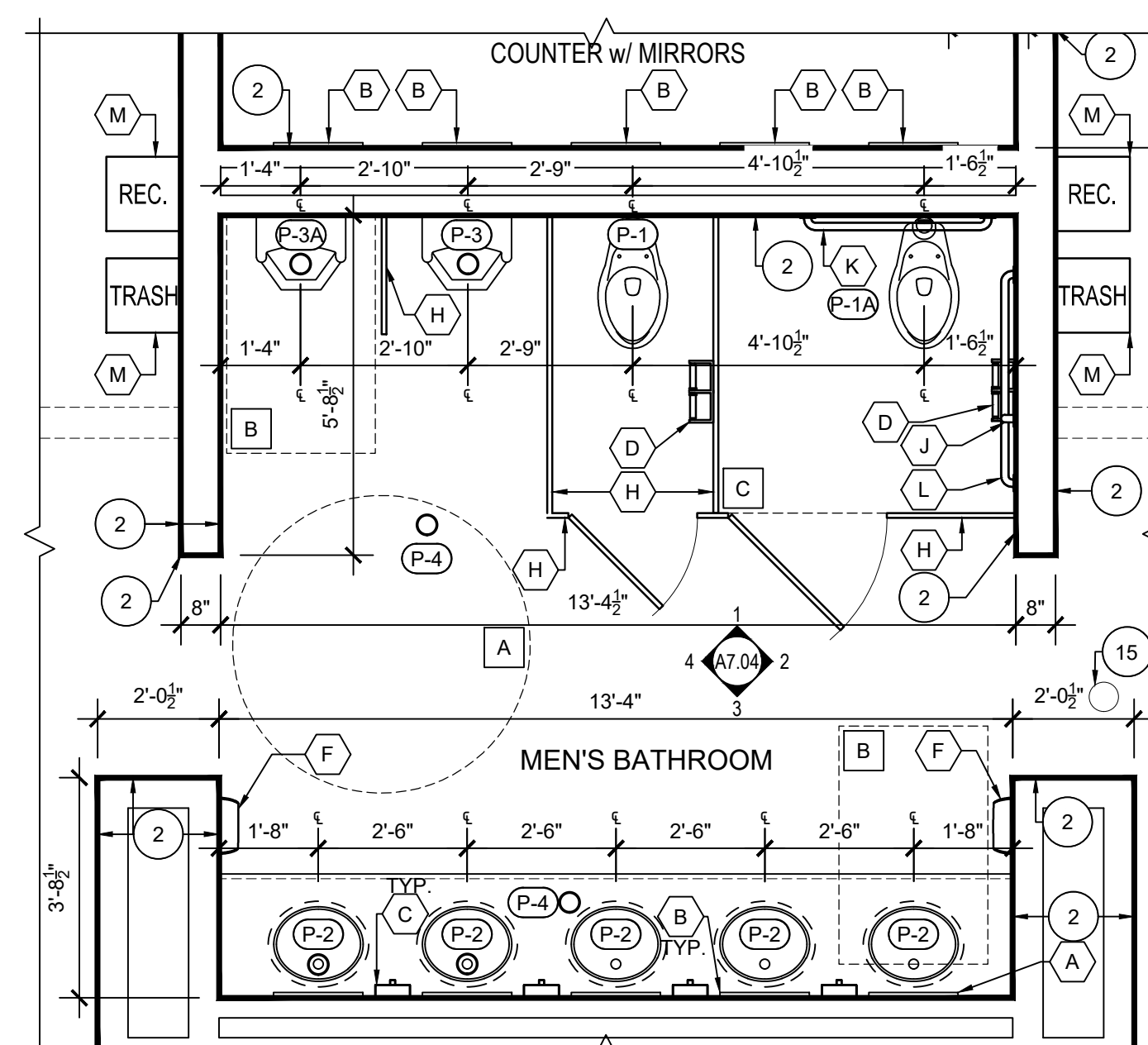
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A7.02

Enlarged Floor Plan

3/8" = 1'-0"

WOMEN'S BATHROOM

NORTH

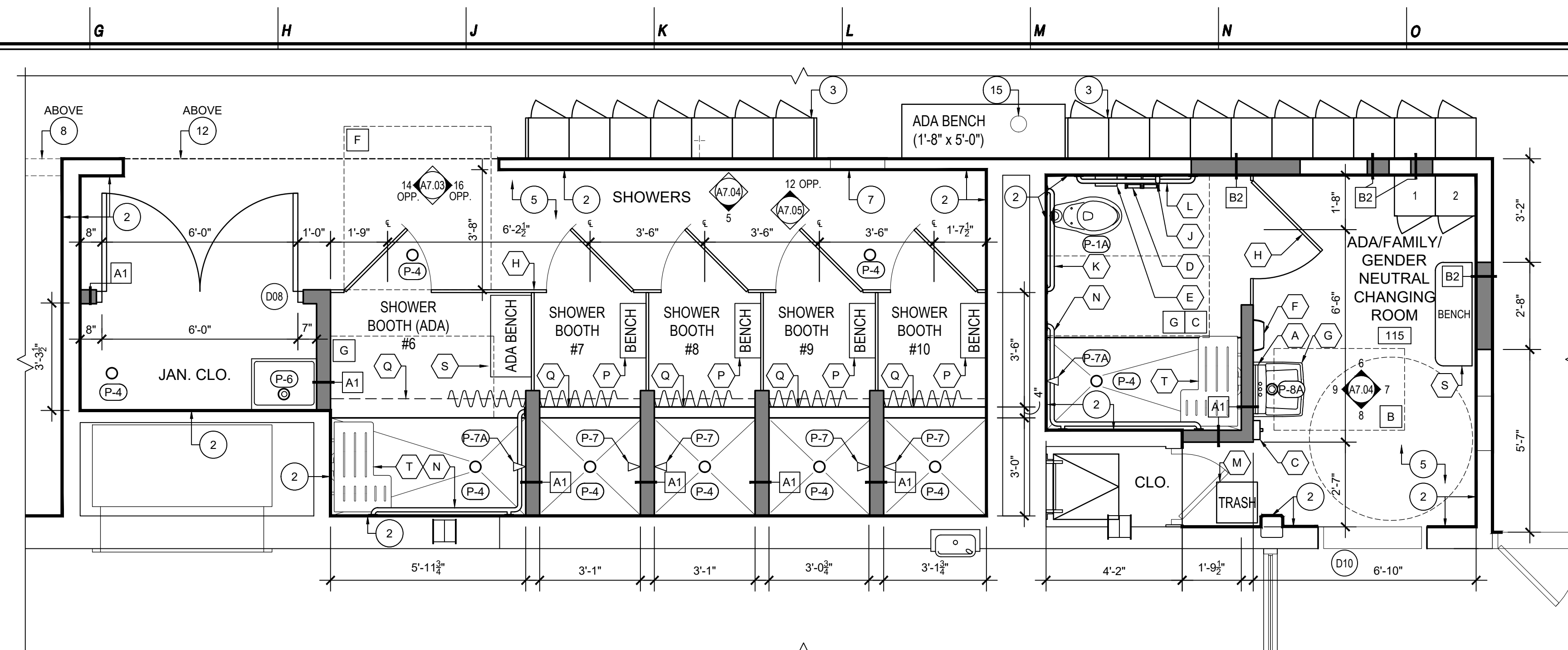


6
A7.02
3/8" = 1'-0"

Enlarged Floor Plan

MEN'S BATHROOM

NORTH

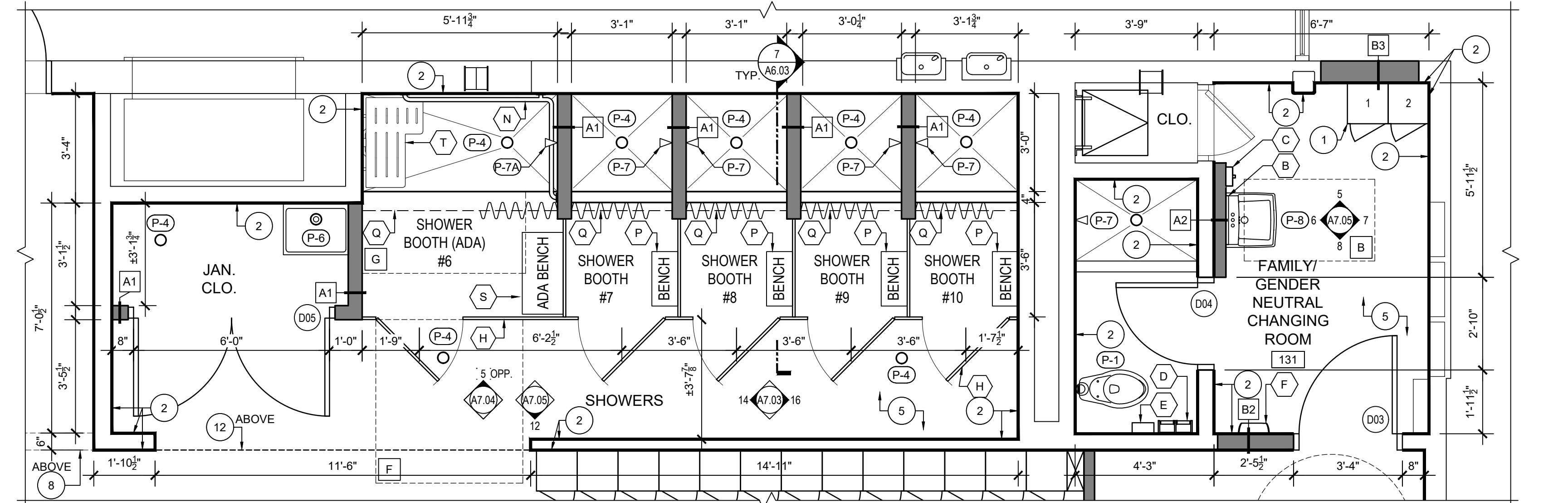


Enlarged Floor Plan

2
A7.02
3/8" = 1'-0"

MEN'S SHOWER & ADA GN CHANGING ROOM

NORTH



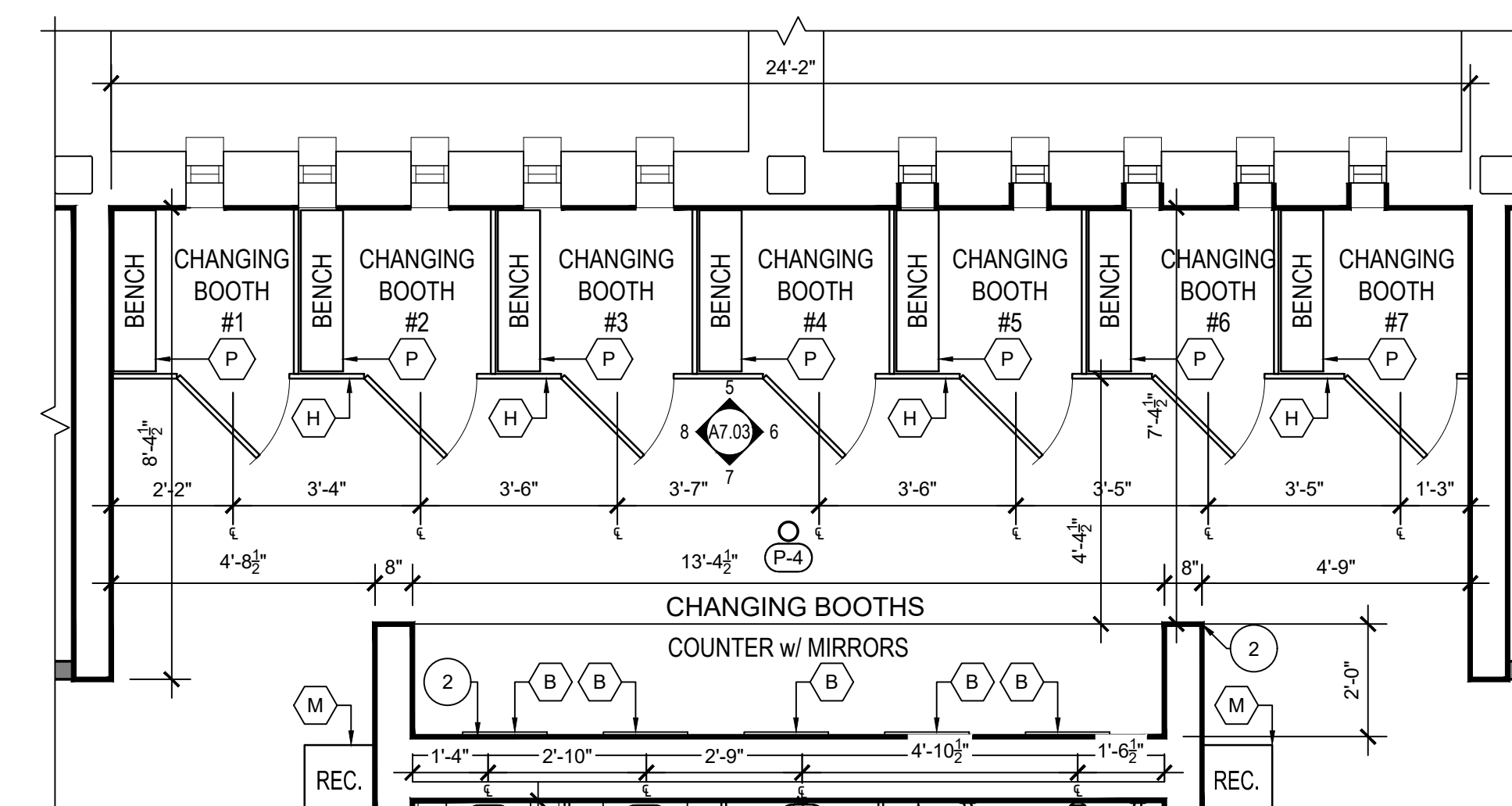

4
A7.02

3/8" = 1'-0"





Enlarged Floor Plan

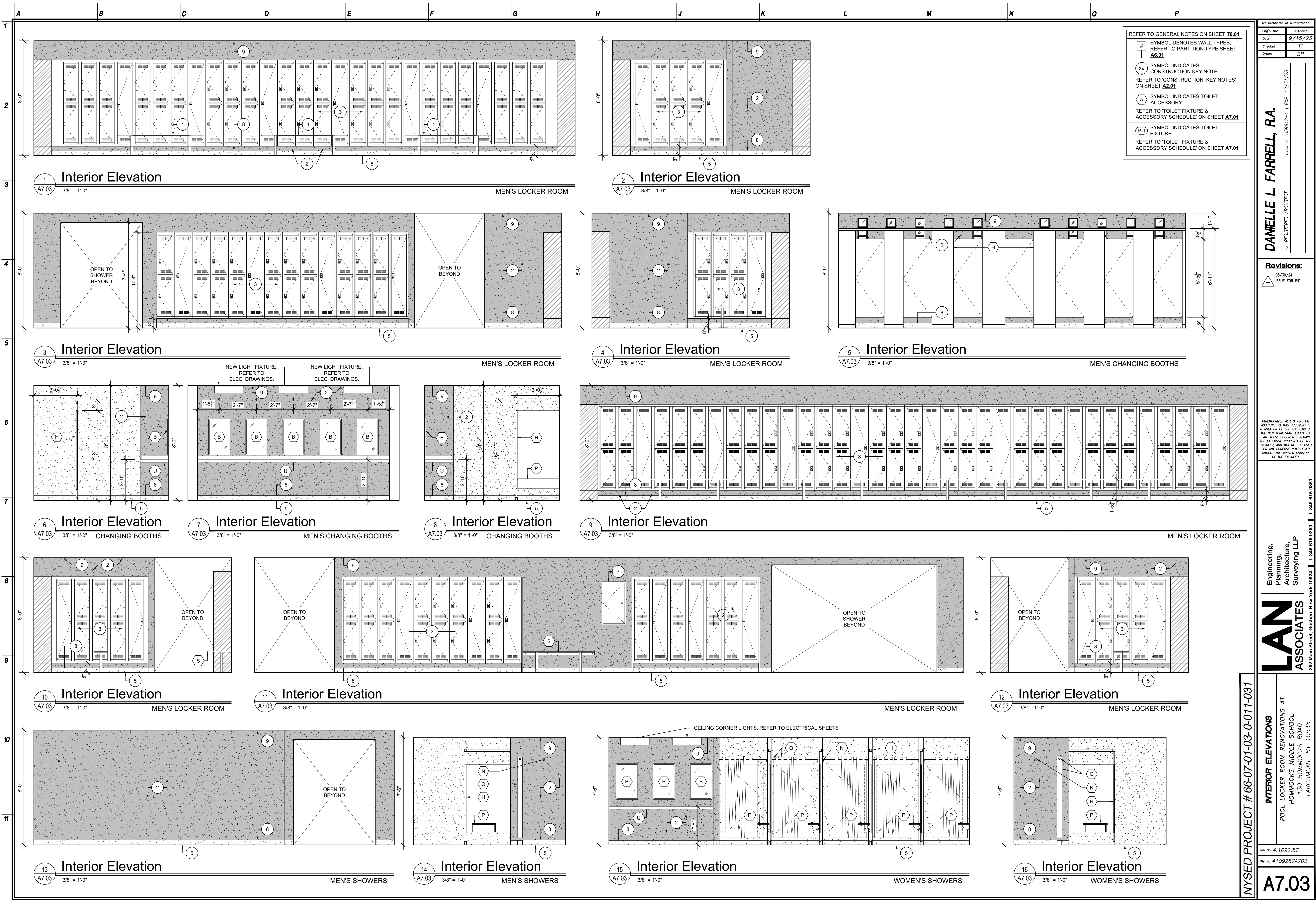
WOMEN'S SHOWER & GN CHANGING ROOM

NORTH

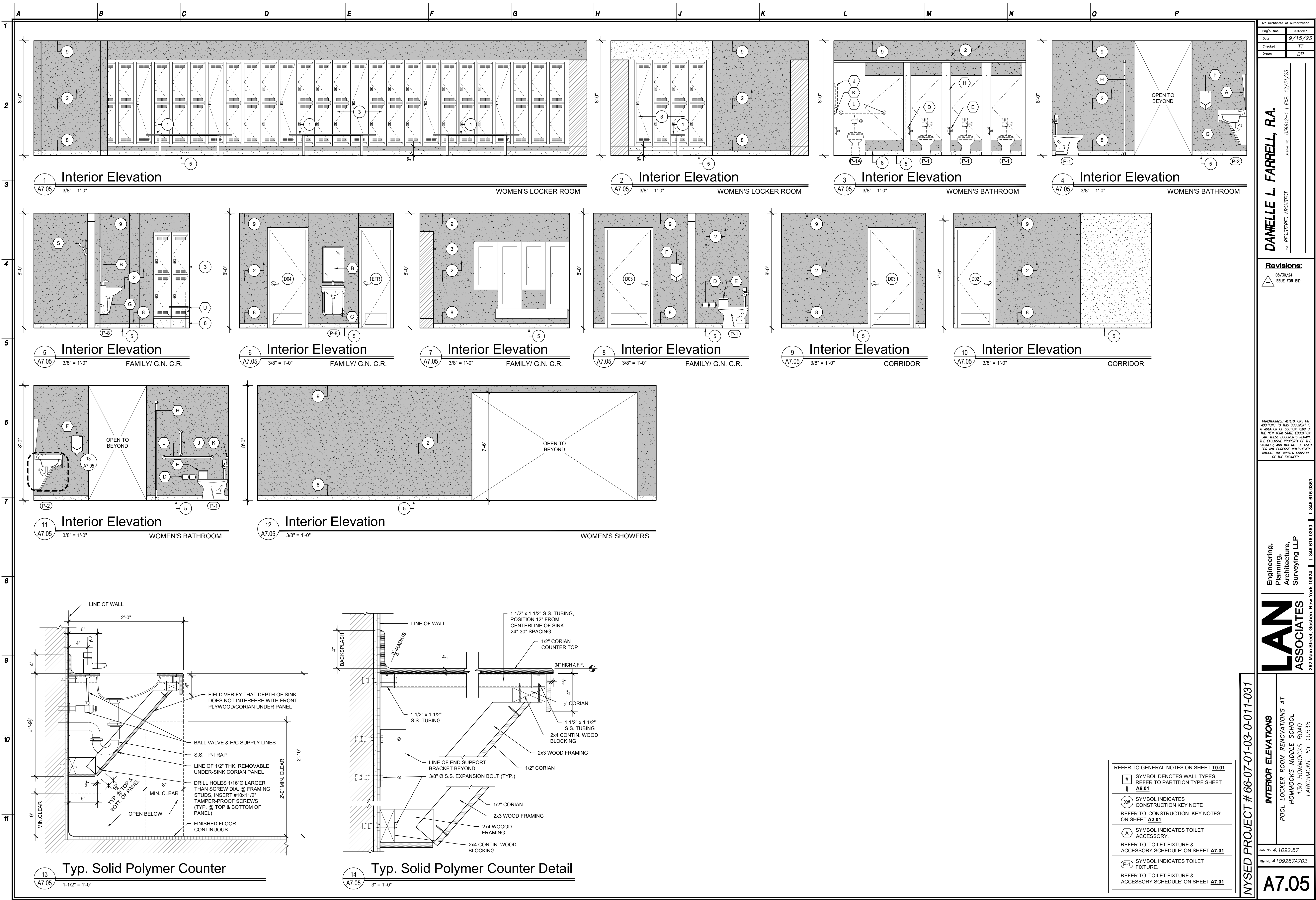


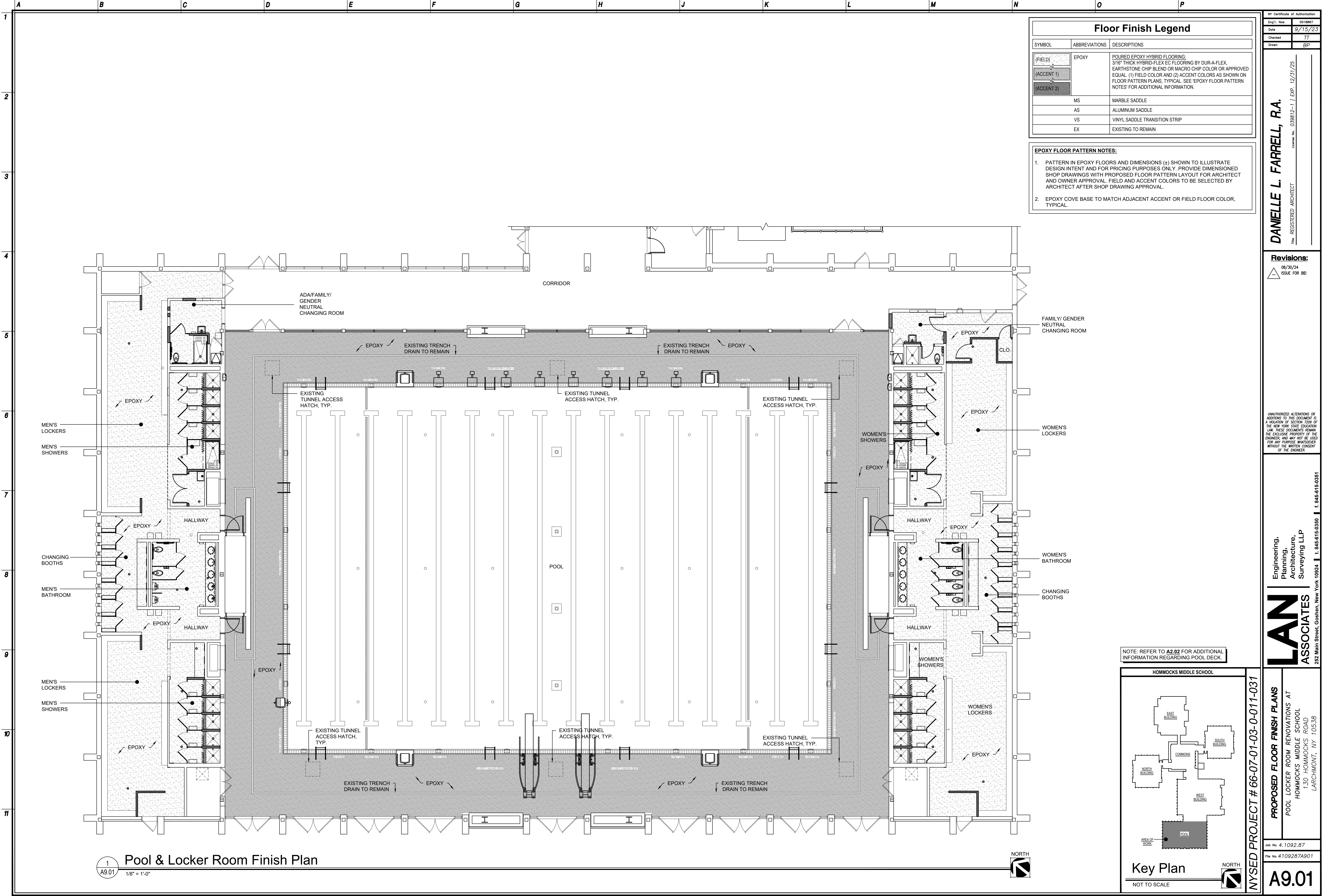
7
A7.02 3/8" = 1'-0" ENLARGED FLOOR PLAN NORTH
MEN'S CHANGING ROOM

REFER TO GENERAL NOTES ON SHEET <u>To.01</u>	
	SYMBOL DENOTES WALL TYPES. REFER TO PARTITION TYPE SHEET <u>A6.01</u>
	SYMBOL INDICATES CONSTRUCTION KEY NOTE REFER TO 'CONSTRUCTION' KEY NOTES' ON SHEET <u>A2.01</u>
	SYMBOL INDICATES TOILET ACCESSORY. REFER TO TOILET FIXTURE & ACCESSORY SCHEDULE' ON SHEET <u>A7.01</u>
	SYMBOL INDICATES TOILET FIXTURE. REFER TO TOILET FIXTURE & ACCESSORY SCHEDULE' ON SHEET <u>A7.01</u>









Floor Finish Legend		
SYMBOL	ABBREVIATIONS	DESCRIPTIONS
(FIELD)	EPOXY	POURED EPOXY HYBRID FLOORING. 3/16" THICK HYBRID-FLEX EC FLOORING BY DUR-A-FLEX, EARTHSTONE CHIP BLEND OR MACRO CHIP COLOR OR APPROVED EQUAL. (1) FIELD COLOR AND (2) ACCENT COLORS AS SHOWN ON FLOOR PATTERN PLANS, TYPICAL. SEE 'EPOXY FLOOR PATTERN NOTES' FOR ADDITIONAL INFORMATION.
(ACCENT 1)		
(ACCENT 2)		
MS	MARBLE SADDLE	
AS	ALUMINUM SADDLE	
VS	VINYL SADDLE TRANSITION STRIP	
EX	EXISTING TO REMAIN	

- EPOXY FLOOR PATTERN NOTES:**
- PATTERN IN EPOXY FLOORS AND DIMENSIONS (±) SHOWN TO ILLUSTRATE DESIGN INTENT AND FOR PRICING PURPOSES ONLY. PROVIDE DIMENSIONED SHOP DRAWINGS WITH PROPOSED FLOOR PATTERN LAYOUT FOR ARCHITECT AND OWNER APPROVAL. FIELD AND ACCENT COLORS TO BE SELECTED BY ARCHITECT AFTER SHOP DRAWING APPROVAL.
 - EPOXY COVE BASE TO MATCH ADJACENT ACCENT OR FIELD FLOOR COLOR, TYPICAL.

NY Certificate of Authorization

Eng'r. No.	0018867
Date	9/15/23
Checked	TT
Drawn	BP

DANIELLE L. FARRELL, R.A.

License No. 039812-1 | EXP. 12/31/25

Revisions:
08/30/24 ISSUE FOR BD

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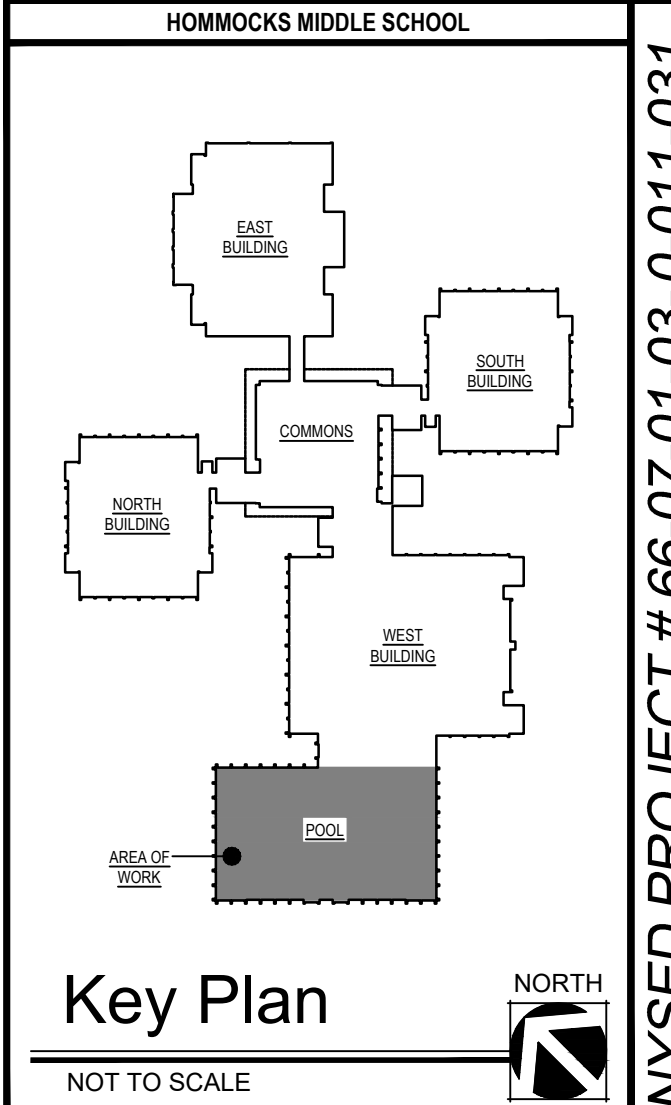
PROPOSED FLOOR FINISH PLANS

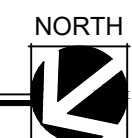
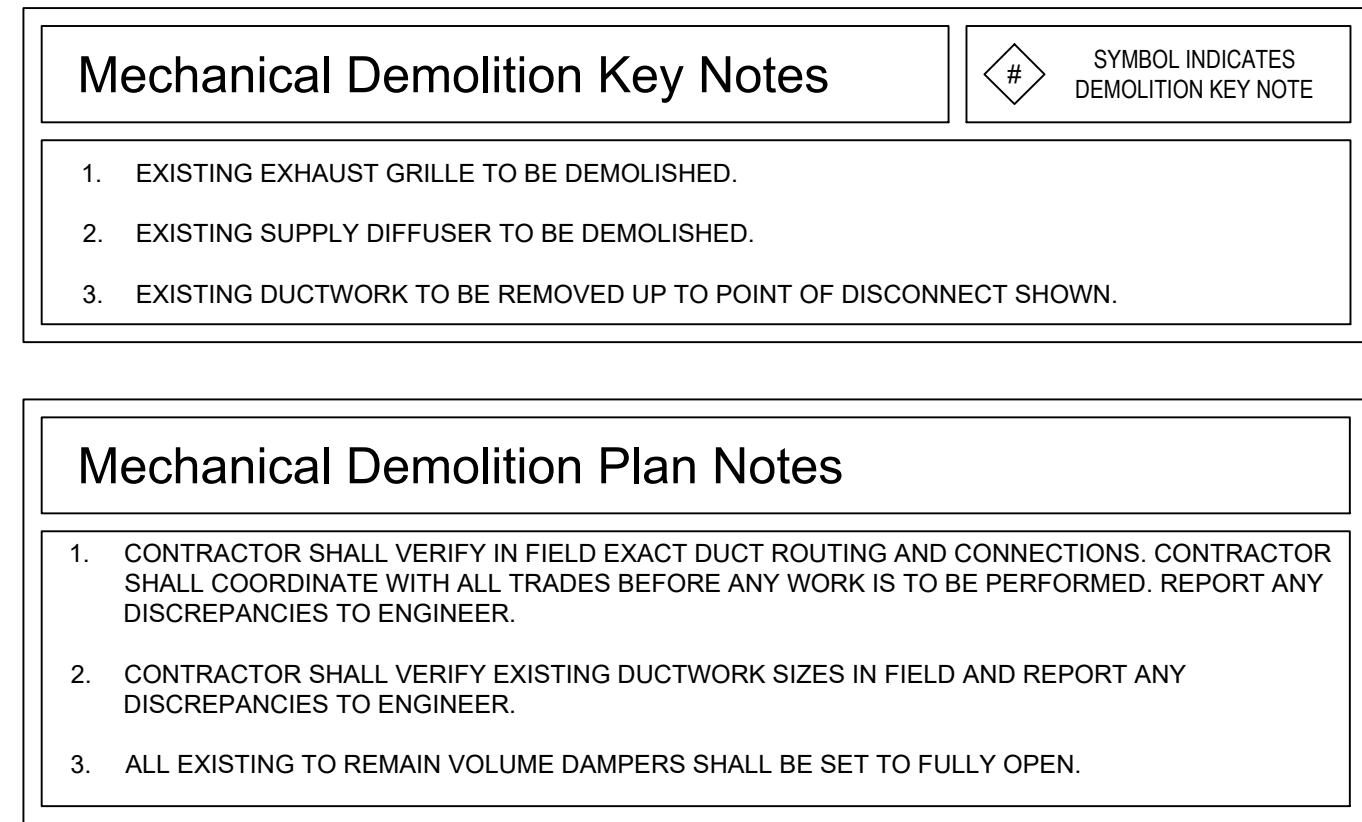
POOL LOCKER ROOM RENOVATIONS AT
HOMMOCKS MIDDLE SCHOOL
130 HOMMOCKS ROAD
LARCHMONT, NY 10538

Job No. 4.1092.87
File No. 4109287A901

A9.01

NOTE: REFER TO **A2.02** FOR ADDITIONAL INFORMATION REGARDING POOL DECK.





HOMMOCKS MIDDLE SCHOOL

MECH. DEMOLITION FIRST FLOOR PLAN

**POOL LOCKER ROOM RENOVATIONS AT
HOMMOCKS MIDDLE SCHOOL
130 HOMMOCKS ROAD
LARCHMONT, NY 10538**

UNYSED PROJECT # 66-07-01-03-0-0117-031

Job No. 4.1092.87

File No. 4109287M101

The key plan shows the layout of Hommocks Middle School. It includes the following buildings and areas:

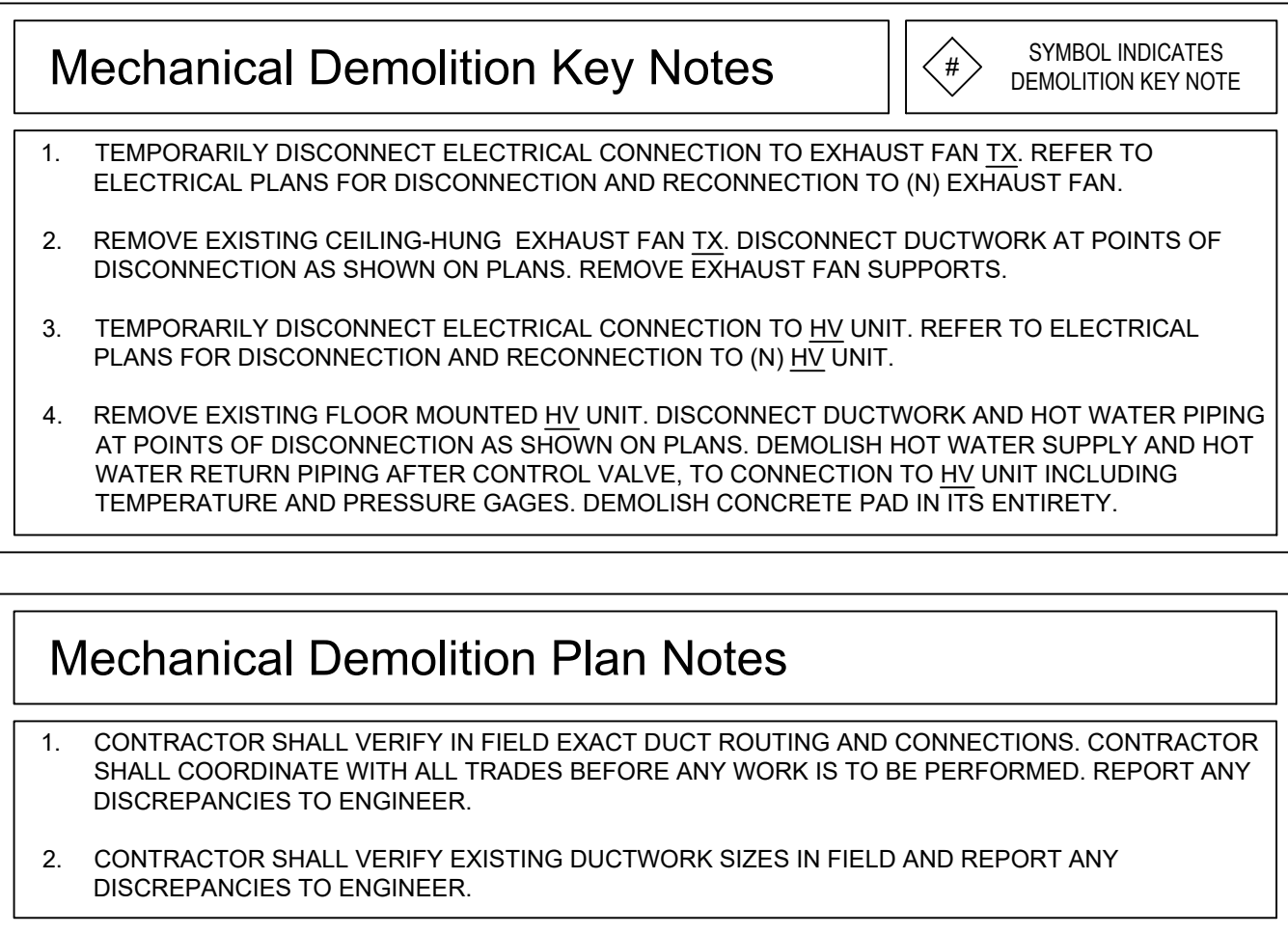
- EAST BUILDING**: Located at the top left.
- COMMONS**: A central area connecting the East, North, and South buildings.
- NORTH BUILDING**: Located to the left of the Commons.
- SOUTH BUILDING**: Located to the right of the Commons.
- WEST BUILDING**: Located below the Commons and North Building.
- POOL**: A shaded rectangular area at the bottom, labeled "POOL".
- AREA OF WORK**: Indicated by a black dot on the left side of the Pool area.

Key Plan

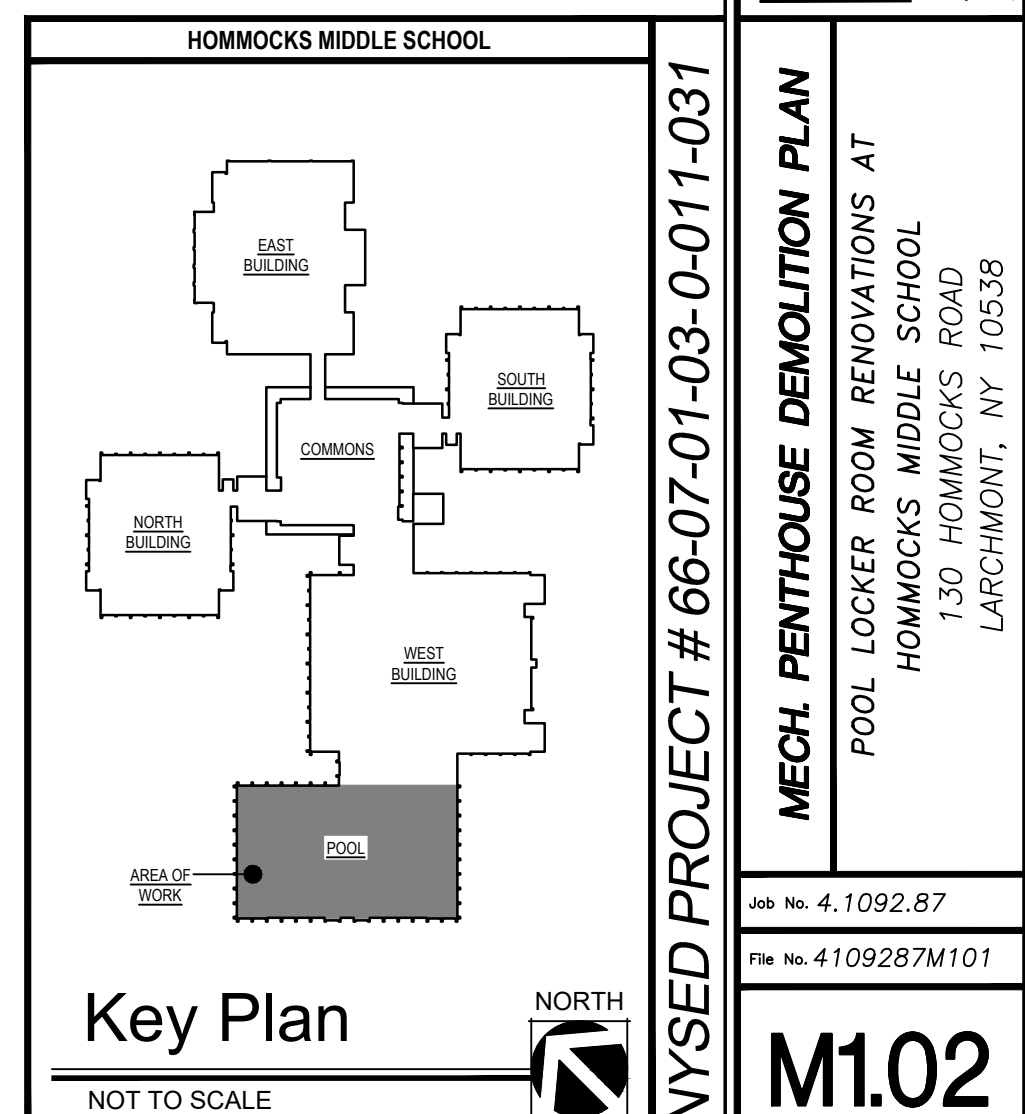
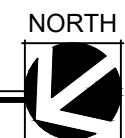

NOT TO SCALE

NORTH

M1.01



NORTH



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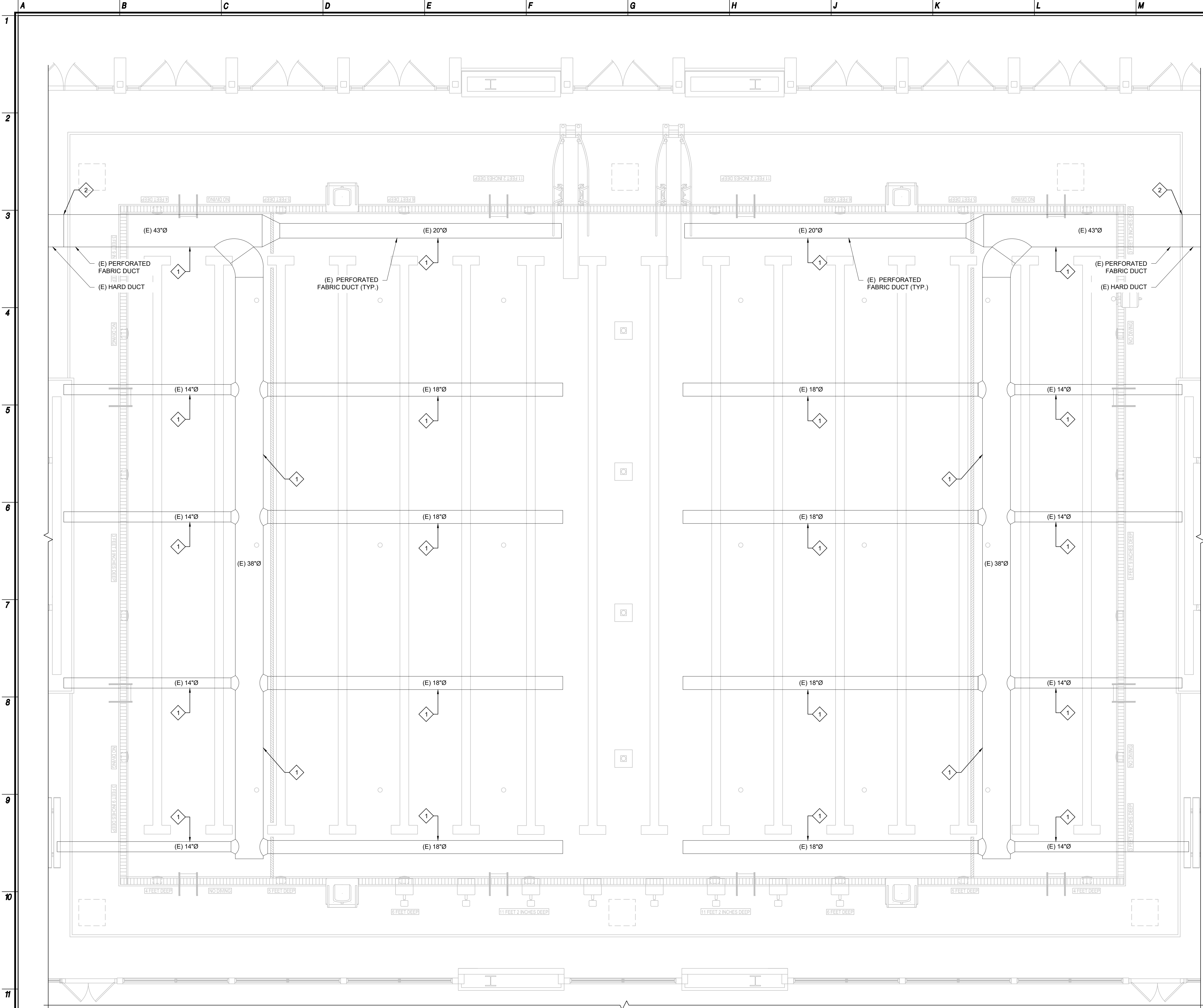
MECH. PENTHOUSE DEMOLITION PLAN

POOL LOCKER ROOM RENOVATIONS AT
HOMMOCKS MIDDLE SCHOOL
130 HOMMOCKS ROAD
LARCHMONT, NY 10538

Job No. 4.1092.87
File No. 4109287M101

M1.02

THOMAS WIGHARD, P.E.



Mech. Demolition Key Notes

1. REMOVE PLASTIC CLIPS SUPPORTING (E) PERFORATED FABRIC DUCT. (E) TRACKS AND PERFORATED FABRIC DUCTWORK TO REMAIN. CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARILY SUPPORTING (E) PERFORATED FABRIC DUCT THROUGHOUT CONSTRUCTION.

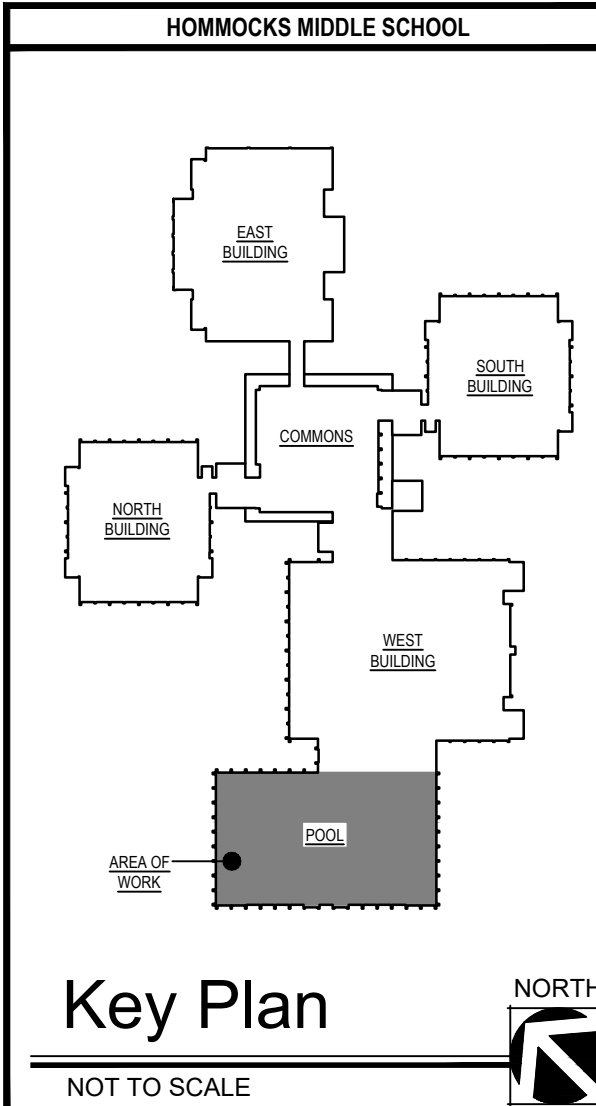
2. REMOVE PERFORATED FABRIC DUCT SYSTEM IN ITS ENTIRETY INCLUDING ALL PLASTICS CLIPS AND TRACKS. DISCONNECT AT TRANSITION BETWEEN HARD DUCT AND PERFORATED FABRIC DUCT AS SHOWN.

SYMBOL INDICATES DEMOLITION KEY NOTE

#

ADD ALT. #1

1 Pool Deck Mechanical Demolition Plan
3/16" = 1'-0"



NY Certificate of Authorization

Eng'r. No. 0018867

Date 9/15/23

Checked MAM

Drawn JPD

THOMAS WIGHARD, P.E.

PROFESSIONAL ENGINEER

License No. NY 090385 | EXP. 10/31/26

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NYSED PROJECT # 66-07-01-03-0-011-031

POOL DECK MECH. DEMOLITION PLAN

POOL LOCKER ROOM RENOVATIONS AT

HOMMOCKS MIDDLE SCHOOL

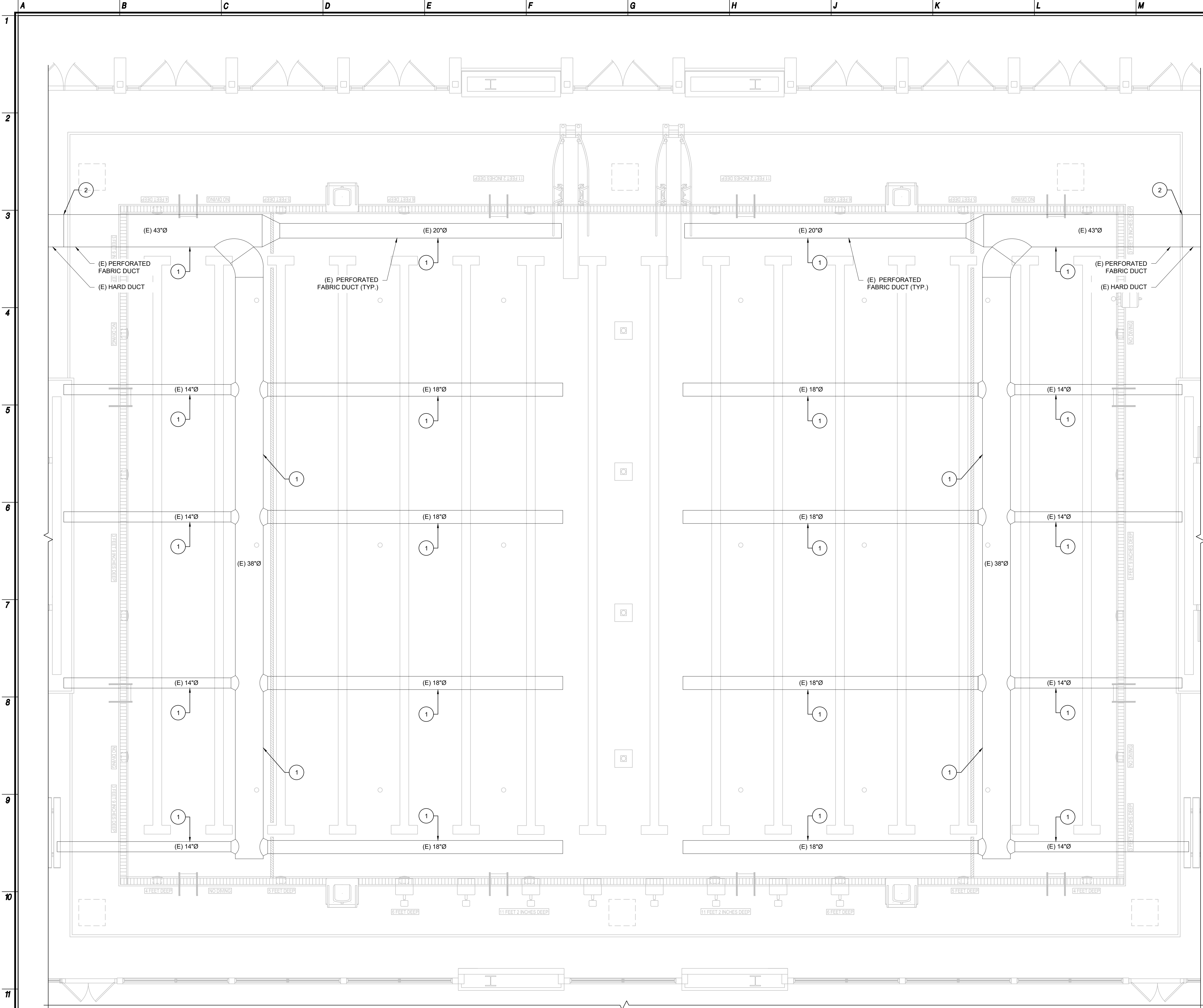
130 HOMMOCKS ROAD

LARCHMONT, NY 10538

Job No. 4.1092.87

File No. 4109287M101

M1.03



Mech. Construction Key Notes

#

SYMBOL INDICATES CONSTRUCTION KEY NOTE

1.

PROVIDE AND INSTALL (N) METAL CLIPS. RECONNECT (E) PERFORATED FABRIC DUCTWORK TO (E) TRACKS WITH (N) METAL CLIPS.

2.

PROVIDE AND INSTALL (N) PERFORATED FABRIC DUCT SYSTEM (DUCTSOX MAKE, MODEL TRADITIONAL ROUND WITH INTERNAL HOOP SYSTEM OR APPROVED EQUAL). PROVIDE COMPLETE WITH (N) METAL CLIPS AND TRACKS. INSTALL IN SAME LOCATION AS EXISTING. RECONNECT TO HARD DUCT AS SHOWN.

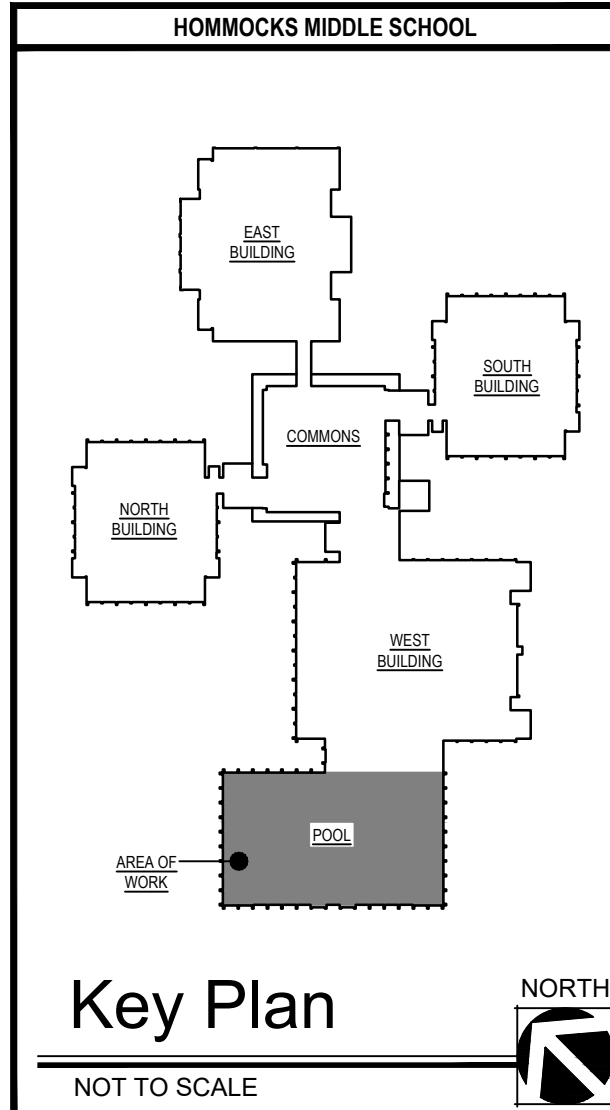
ADD ALT. #1

1

M2.03

Pool Deck Mechanical Proposed Plan

3/16" = 1'-0"



NYSed PROJECT # 66-07-01-03-0-011-031

POOL DECK MECH. PROPOSED PLAN

POOL LOCKER ROOM RENOVATIONS AT
HOMMOCKS MIDDLE SCHOOL
130 HOMMOCKS ROAD
LARCHMONT, NY 10538

Job No. 4.1092.87

File No. 4109287M201

M2.03

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11

HEATING AND VENTILATION UNIT SCHEDULE

(TRANE AS STANDARD)

TAG	AREA SERVED	SUPPLY CFM	HOT WATER HEATING COIL							SUPPLY FAN DATA						FILTER (QUANTITY, SIZE & TYPE)	ELECTRICAL DATA V - Ph - Hz	FLA	MCA	MOCP	DIMENSIONS (L x W x H) (in.)	APPROX. WEIGHT (Lbs)	MODEL	MANUFACTURER	NOTES
			CAPACITY (MBH)	EAT (°F)	LAT (°F)	EWI (°F)	LWT (°F)	WPDB (Ft H ₂ O)	FLOW RATE (GPM)	E.S.P. (In H ₂ O)	T.S.P. (In H ₂ O)	B.H.P.	M.H.P.	VFD											
HV-1	BOY'S/MEN'S LOCKER ROOM	3000	277	0	85	180	149	1.11	17.81	0.75	1.261	1.733	3	YES	4, 16"x20", 2" MERV 8	208 - 3 - 60	15.7	19.5	30	66-1/3 x 51 x 38	603	UCCAG08	TRANE	SEE NOTE(S) BELOW	
HV-3	GIRL'S/WOMEN'S LOCKER ROOM	3000	277	0	85	180	149	1.11	17.81	0.75	1.261	1.733	3	YES	4, 16"x20", 2" MERV 8	208 - 3 - 60	15.7	19.5	30	66-1/3 x 51 x 38	603	UCCAG08	TRANE	SEE NOTE(S) BELOW	
NOTES: 1. PROVIDE HINGED ACCESS DOORS. 2. PROVIDE VFD'S ON ALL SUPPLY AIR FANS. VFD'S SHALL BE FACTORY INSTALLED AND WIRED. 3. ALL MOTORS SHALL BE PREMIUM EFFICIENCY TYPE. 4. UNIT SHALL BE PROVIDED WITH SINGLE POINT POWER CONNECTION. 5. INTERNAL AND EXTERNAL AUTOMATIC TEMPERATURE CONTROLS SHALL BE PROVIDED BY UNIT MANUFACTURER. THE CONTROLS CONTRACTOR SHALL CONNECT ALL HV CONTROL COMPONENTS AND SENSORS TO EXISTING BMS. CONTROL COMPONENTS FOR ALL UNITS SHALL BE FACTORY INSTALLED. THE CONTROLS CONTRACTOR SHALL PROVIDE, MOUNT AND WIRE EXTERNAL COMPONENTS (DAMPERS, ETC.). REFER TO CONTROLS DIAGRAMS AND SPECIFICATIONS. 6. DUCT SMOKE DETECTORS IN SUPPLY AIR DUCT MAINS FOR ALL HV'S TO BE PROVIDED BY DIV.23 AND INSTALLED BY DIV. 26. 7. INTERLOCK ALL HV's WITH FIRE ALARM SYSTEM. HV's TO BE SHUT DOWN WHEN FIRE ALARM SYSTEM INITIATES. 8. PROVIDE HV-1 WITH RIGHT HAND CONNECTIONS AND HV-3 WITH LEFT HAND CONNECTIONS.															ADDITIONAL REMARKS: PROVIDE INTERNAL SPRING VIBRATION ISOLATORS ON THE FAN SECTION. EQUIPMENT SUPPORTS. PROVIDE DISCONNECT SWITCH, DOUBLE WALL CONSTRUCTION WITH PERFORATED INNER WALL FOR FAN SECTION. ACCESS DOORS, HIGH EFFICIENCY MOTORS. HEATING AND VENTILATION UNITS SHALL BE DELIVERED TO SITE WITH SMALLEST SHIPPING SPLITS AVAILABLE (FILTER & COIL SECTION, ACCESS SECTION, & FAN SECTION) AND ASSEMBLED IN THE PENTHOUSE. ALL UNIT DISASSEMBLY AND REASSEMBLY SHALL BE COMPLETED BY TRANE TECHNICIANS IN ORDER TO MAINTAIN WARRANTY.										

EXHAUST FAN SCHEDULE

(COOK AS STANDARD)

TAG	LOCATION	SERVICE	ROTATION	DISCHARGE	CFM	E.S.P. (IN. W.C.)	ELECTRICAL DATA				DIMENSIONS (LxWxH) (IN.)	APPROX WEIGHT (LBS.)	MODEL	MANUFACTURER	NOTES
							FLA	M.H.P.	RPM	V / PH / HZ					
TX-1	MEN'S LOCKER ROOM MECHANICAL PENTHOUSE	BOY'S/MEN'S LOCKER ROOM	CLOCKWISE	TOP HORIZONTAL	1550	0.625	9.8	1/2	1725	115 / 1 / 60	24-7/8 x 12-5/16 x 32-5/8	180	CPFB	COOK	SEE NOTE(S) BELOW
TX-2	MEN'S LOCKER ROOM MECHANICAL PENTHOUSE	BOY'S/MEN'S LOCKER ROOM	CLOCKWISE	TOP HORIZONTAL	1500	0.625	9.8	1/2	1725	115 / 1 / 60	24-7/8 x 12-5/16 x 32-5/8	180	CPFB	COOK	SEE NOTE(S) BELOW
TX-3	WOMEN'S LOCKER ROOM MECHANICAL PENTHOUSE	GIRL'S/WOMEN'S LOCKER ROOM	CLOCKWISE	TOP HORIZONTAL	1550	0.625	9.8	1/2	1725	115 / 1 / 60	24-7/8 x 12-5/16 x 32-5/8	180	CPFB	COOK	SEE NOTE(S) BELOW
TX-4	WOMEN'S LOCKER ROOM MECHANICAL PENTHOUSE	GIRL'S/WOMEN'S LOCKER ROOM	CLOCKWISE	TOP HORIZONTAL	1500	0.625	9.8	1/2	1725	115 / 1 / 60	24-7/8 x 12-5/16 x 32-5/8	180	CPFB	COOK	SEE NOTE(S) BELOW
NOTE: 1. PROVIDE NEMA 1 DISCONNECT SWITCH (PRE-WIRED), DRAIN, STEEL FLANGED INLET, OSHA BELT GUARD, AND DISCHARGE SHUTTER. TIE NEW FAN INTO EXISTING BMS. INTERLOCK ALL EF's WITH FIRE ALARM SYSTEM. EF's SHALL SHUT DOWN WHEN FIRE ALARM SYSTEM INITIATES.															

FREEZE PROTECTION PUMP SCHEDULE

(ARMSTRONG AS STANDARD)

TAG	LOCATION	UNIT SERVED	FLUID TYPE	FLOW RATE (GPM)	PRESSURE HEAD (FT.)	ELECTRICAL DATA		DIMENSIONS (LxW) (IN.)	APPROX WEIGHT (LBS.)	MODEL	MANUFACTURER	NOTES
						FLA	V / PH / HZ					
FP-1	MEN'S LOCKER ROOM MECHANICAL PENTHOUSE	HV-1	HOT WATER	17.81	15	1.9	115 / 1 / 60	6-1/2 x 6	10	ASTRO 2 280CI FLG	ARMSTRONG	SEE NOTE(S) BELOW
FP-2	WOMEN'S LOCKER ROOM MECHANICAL PENTHOUSE	HV-3	HOT WATER	17.81	15	1.9	115 / 1 / 60	6-1/2 x 6	10	ASTRO 2 280CI FLG	ARMSTRONG	SEE NOTE(S) BELOW
NOTES: 1. PROVIDE PREMIUM EFFICIENCY MOTORS. 2. PROVIDE WITH FLANGED CONNECTIONS. 3. INTERNAL AND EXTERNAL AUTOMATIC TEMPERATURE CONTROLS SHALL BE PROVIDED BY ATC CONTRACTOR. THE ATC CONTRACTOR SHALL FIELD MOUNT & WIRE ALL NEW CONTROLS. THE ATC CONTRACTOR SHALL PROVIDE, MOUNT, AND WIRE ALL EXTERNAL COMPONENTS. ALL UNITS SHALL BE TIED INTO THE EXISTING BUILDING MANAGEMENT SYSTEM (BMS). REFER TO ATC DIAGRAMS AND SPECIFICATIONS.												

AIR DEVICE SCHEDULE

(KRUEGER AS STANDARD)

TAG	TYPE	DESCRIPTION	INSTALLATION TYPE	MANUFACTURER MODEL NO.
SAD-1	CEILING SUPPLY	ALL ALUMINUM, PERFORATED FLUSH FACE, NOMINAL 24" X 24" FACE, ADJUSTABLE AIRFLOW DAMPER IN THE DIFFUSER, NECK SIZE AS SHOWN ON SCHEDULE, BORDER FOR CEILING SPECIFIED, 4-WAY THROW UNLESS SPECIFIED OTHERWISE	LAY-IN	KRUEGER 5SH WITH 50BDFA VOLUME DAMPER. FRAME STYLE 22 - SURFACE MOUNT
SAD-2	CEILING SUPPLY	ALL ALUMINUM, PERFORATED FLUSH FACE, NOMINAL 12" X 12" FACE, ADJUSTABLE AIRFLOW DAMPER IN THE DIFFUSER, NECK SIZE AS SHOWN ON SCHEDULE, BORDER FOR CEILING SPECIFIED, 4-WAY THROW UNLESS SPECIFIED OTHERWISE	LAY-IN	KRUEGER 5SH WITH 50BDFA VOLUME DAMPER. FRAME STYLE 22 - SURFACE MOUNT
EAR-1	CEILING EXHAUST	ALL STEEL, PERFORATED FLUSH FACE, NOMINAL 12" X 12" FACE, ADJUSTABLE AIRFLOW OPPOSED-BLADE DAMPER IN THE REGISTER, NECK SIZE AS SHOWN ON SCHEDULE, BORDER FOR CEILING SPECIFIED.	LAY-IN	KRUEGER S580H-OBDFRAME STYLE 22 - SURFACE MOUNT
EAR-2	CEILING EXHAUST	ALL STEEL, PERFORATED FLUSH FACE, NOMINAL 6" X 6" FACE, ADJUSTABLE AIRFLOW OPPOSED-BLADE DAMPER IN THE REGISTER, NECK SIZE AS SHOWN ON SCHEDULE, BORDER FOR CEILING SPECIFIED.	LAY-IN	KRUEGER S580H-OBDFRAME STYLE 22 - SURFACE MOUNT
NOTES: 1. AIR DEVICES SCHEDULED TO BE MANUFACTURED BY KRUEGER, TITUS, METALAIRE, CARNES, J & J, NAILOR, POWERS, AND TUTTLE & BAILEY ARE CONSIDERED EQUIVALENT MANUFACTURERS. 2. UNLESS SCHEDULED OTHERWISE, AIR DEVICES SHALL BE WHITE IN COLOR.				

VENTILATION INDEX

ROOM NAME	ROOM #	UNIT SERVED	OCCUPANCY TYPE	FLOOR AREA (SQ. FT.)	REQUIRED OA CFM/SQ. FT.	REQUIRED EA CFM/SQ. FT.	MIN. REQUIRED OA FOR SPACE	MIN. REQUIRED EA FOR SPACE	DESIGN		REMARKS
OA (CFM)	EXH (CFM)										
MEN'S LOCKER ROOM	-	HV-1	SPORTS LOCKER ROOM	1582	-	0.5	-	791	-	1725	SEE NOTE(S) BELOW
MEN'S BATHROOM	-	HV-1	PUBLIC TOILET ROOM	-	-	-	-	200	-	250	SEE NOTE(S) BELOW
MEN'S SHOWER ROOM #1	-	HV-1	PUBLIC SHOWER ROOM	-	-	-	-	100	-	250	SEE NOTE(S) BELOW
JANITORS CLOSET	-	HV-1	JANITORS CLOSET	24	-	1	-	24	-	75	SEE NOTE(S) BELOW
MEN'S SHOWER ROOM #2	-	HV-1	PUBLIC SHOWER ROOM	-	-	-	-	100	-	350	SEE NOTE(S) BELOW
ADA/FAMILY/GN CHANGING ROOM AND BATHROOM	115	HV-1	PUBLIC TOILET ROOM	-	-	-	-	50	-	125	SEE NOTE(S) BELOW
WOMEN'S LOCKER ROOM	-	HV-3	SPORTS LOCKER ROOM	1,301	-	0.5	-	651	-	1650	SEE NOTE(S) BELOW
WOMEN'S BATHROOM	-	HV-3	PUBLIC TOILET ROOM	-	-	-	-	200	-	375	SEE NOTE(S) BELOW
WOMEN'S SHOWER ROOM #1	-	HV-3	PUBLIC SHOWER ROOM	-	-	-	-	100	-	250	SEE NOTE(S) BELOW
JANITORS CLOSET	-	HV-3	JANITORS CLOSET	23	-	1	-	23	-	100	SEE NOTE(S) BELOW
WOMEN'S SHOWER ROOM #2	-	HV-3	PUBLIC SHOWER ROOM	-	-	-	-	100	-	250	SEE NOTE(S) BELOW
ADA/FAMILY/GN CHANGING ROOM AND BATHROOM	131	HV-3	PUBLIC TOILET ROOM	-	-	-	-	50	-	125	SEE NOTE(S) BELOW
CORRIDOR	103A	HV-3	PUBLIC CORRIDOR	95	0.06	-	7	-	125	-	SEE NOTE(S) BELOW
INDOOR POOL	-	(E) HVAC-1 & (E) HVAC -2	SWIMMING POOLS (POOL & DECK AREA)	13,635	0.48	-	6,545	-	15,200	-	SEE NOTE(S) BELOW
NOTES: 1. ALL VENTILATION RATES PER 2020 NYSMC SECTION 403. 2. CORRIDOR 103A MIN. REQUIRED OUTSIDE AIR IS CORRECTED WITH A 0.8 ZONE AIR DISTRIBUTION EFFECTIVENESS. 3. ALL PUBLIC TOILET ROOM EXHAUST AIR RATES BASED ON 50 CFM (CONSTANT OPERATION) PER WATER CLOSET OR URINAL. 4. ALL PUBLIC SHOWER ROOM EXHAUST AIR RATES BASED ON 20 CFM (CONSTANT OPERATION) PER SHOWER HEAD. 5. INDOOR POOL VENTILATION PROVIDED FOR REFERENCE ONLY.											

Key Plan

NOT TO SCALE

NORTH

MECHANICAL SCHEDULES

POOL LOCKER ROOM RENOVATIONS AT
HOMMOCKS MIDDLE SCHOOL
130 HOMMOCKS ROAD
LARCHMONT, NY 10538

Job No. 4.1092.87
File No. 4109287M601

M6.01

NYSED PROJECT # 66-07-01-03-0-011-031

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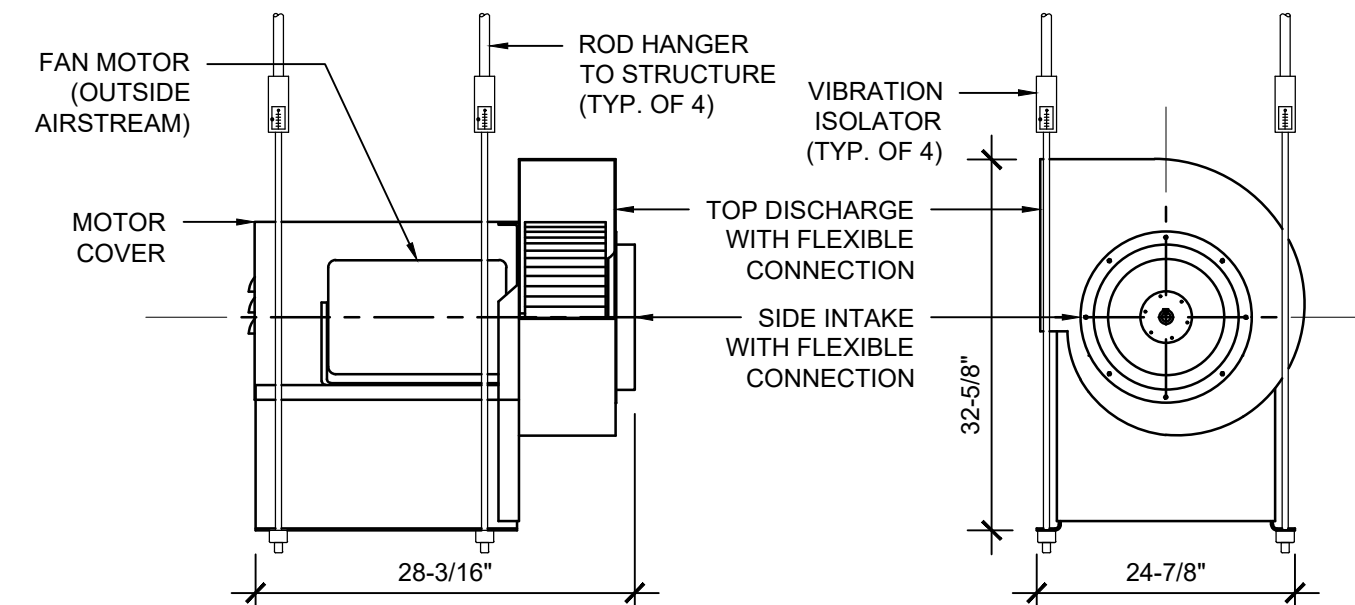
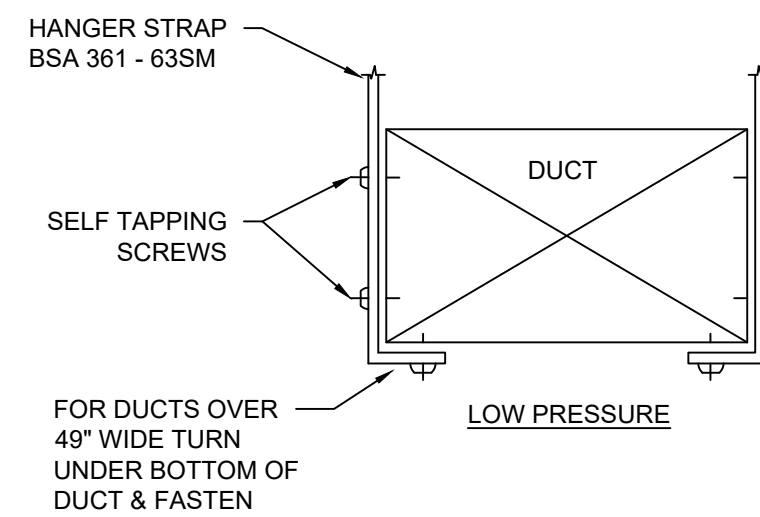
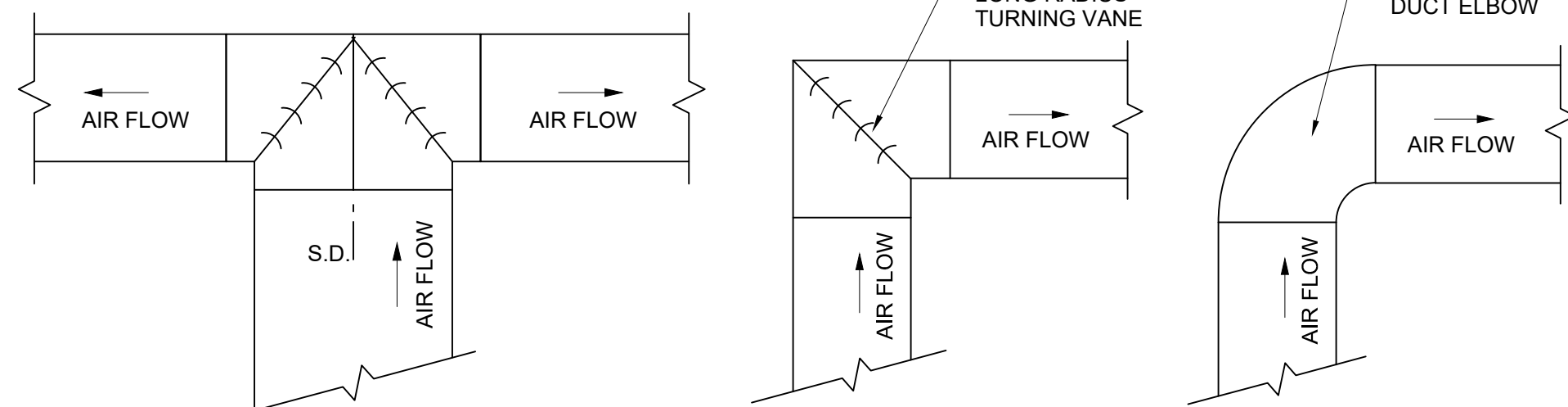
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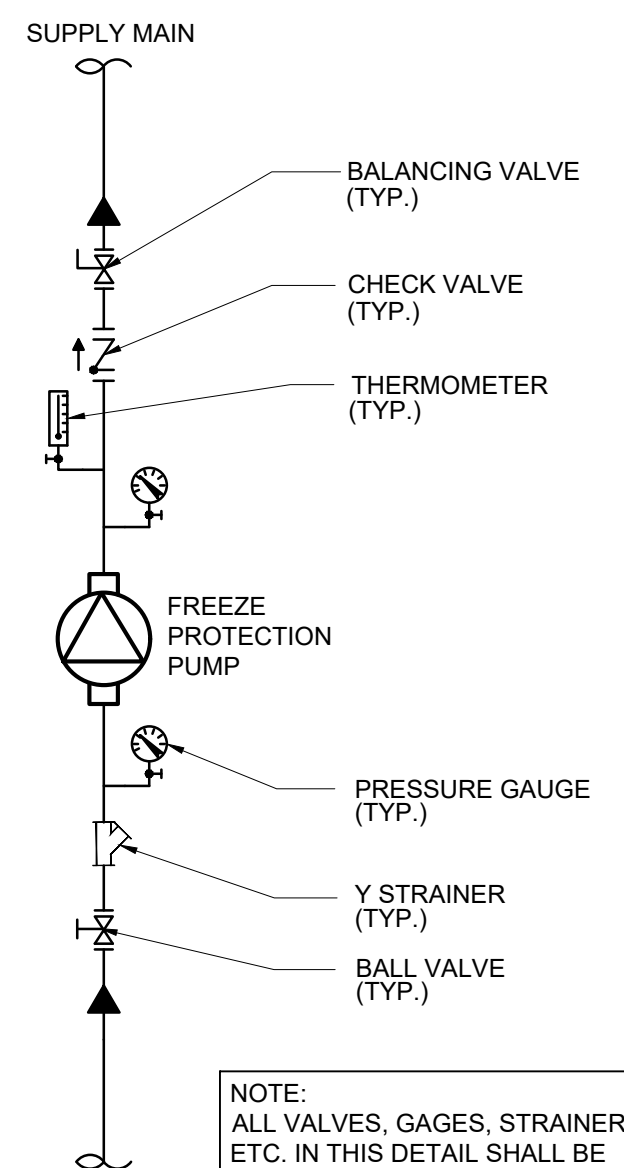
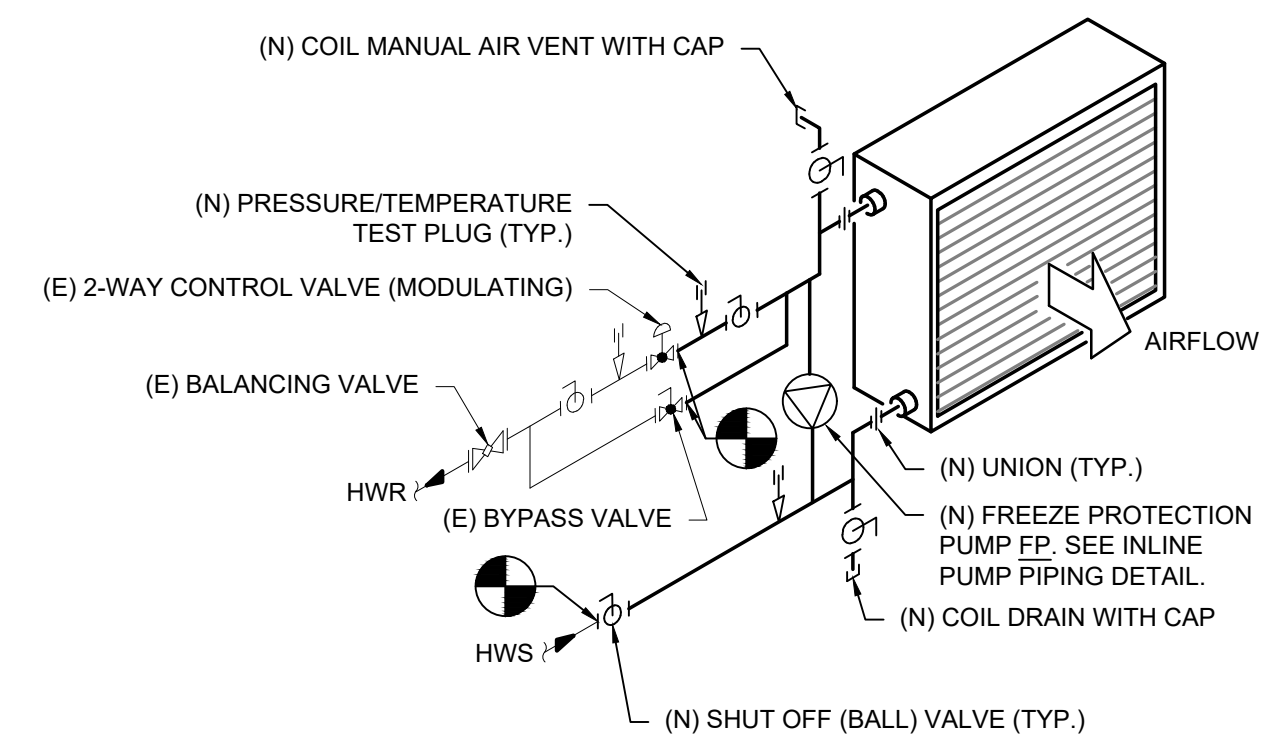
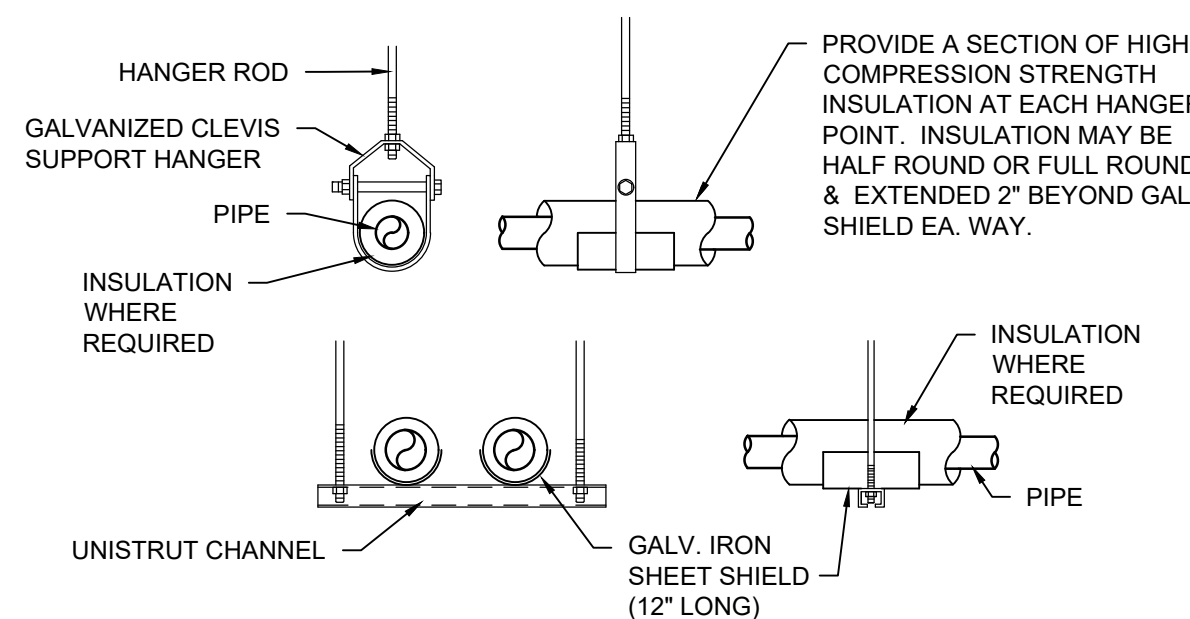
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Duct Turn Detail

Duct Support Detail

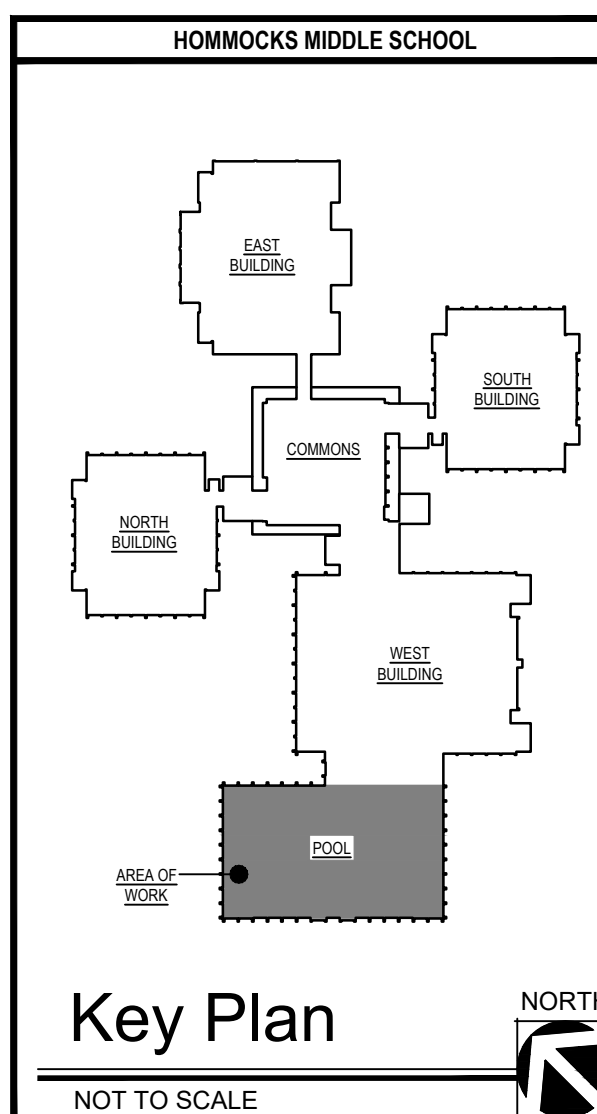
TX-1, -2, -3 & -4 Exhaust Fan Hanging Detail

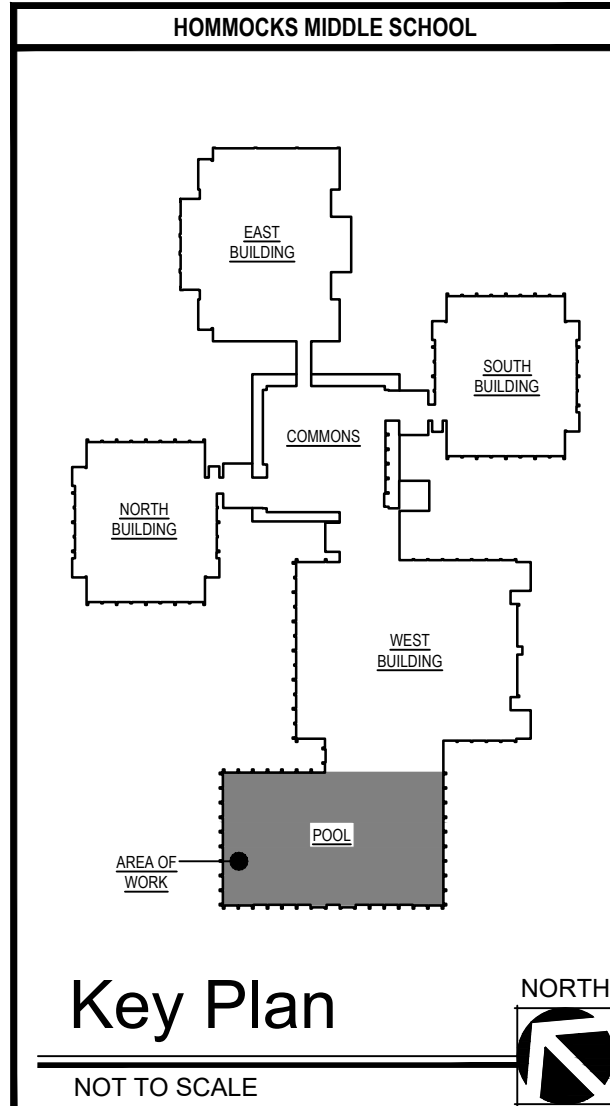
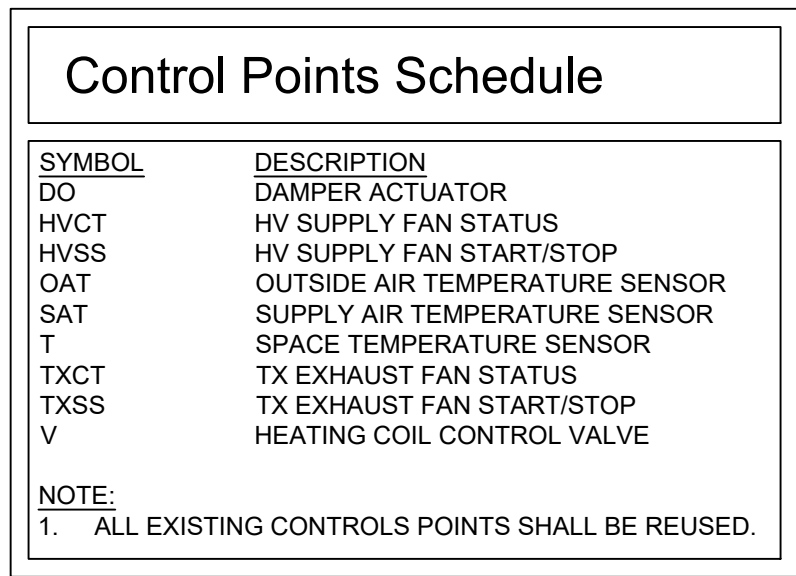
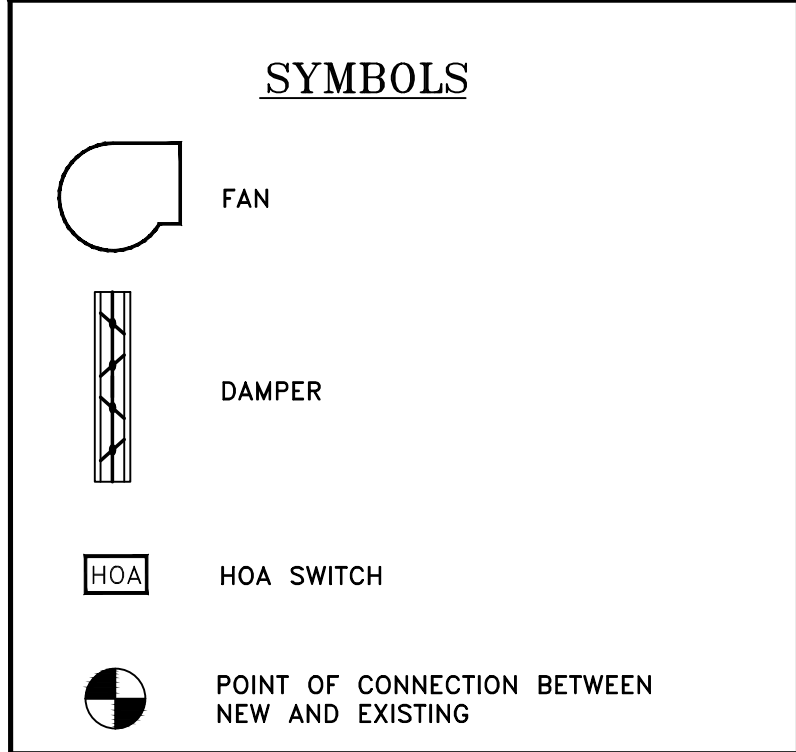
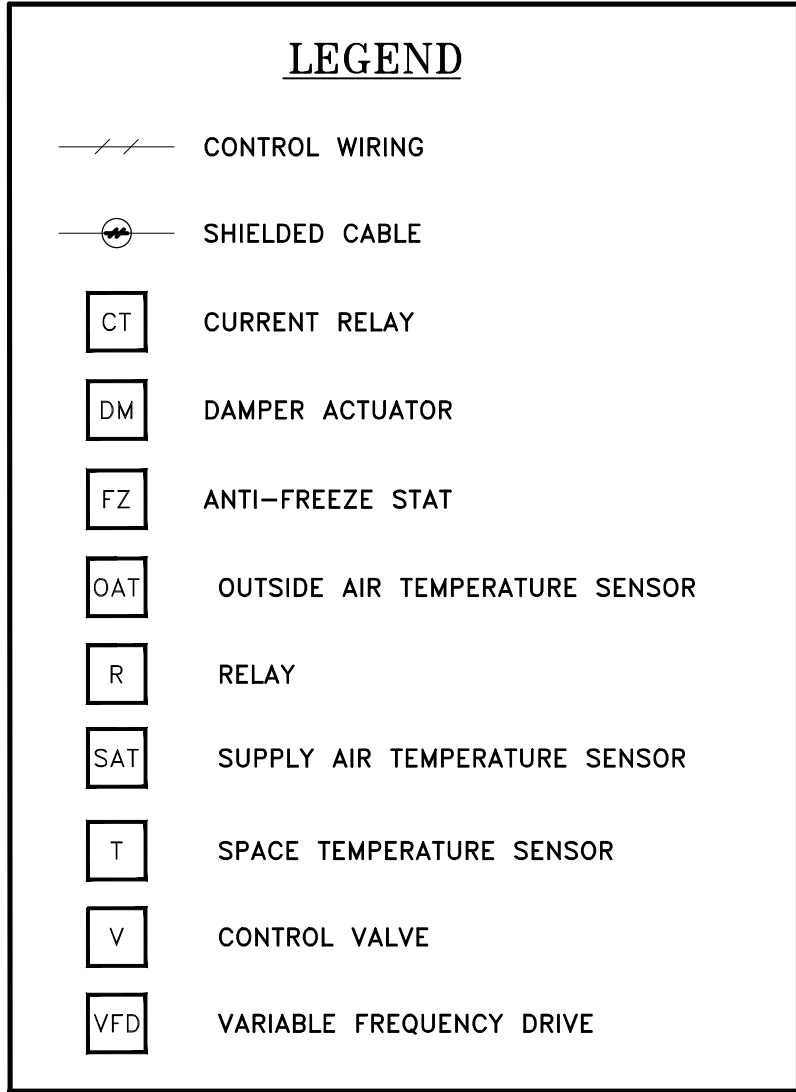


Pipe Support Detail

Hot Water Coil Piping Detail

Inline Pump Piping Detail





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LAN ASSOCIATES
252 Main Street, Goshen, New York

Job No. 4.1092.87
File No. 4109287M603

M6.03

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ABBREVIATIONS

&	=	AND	JAN	=	JANITOR
Ø	=	DIAMETER OR ROUND			
ADD'L	=	ADDITIONAL	MAX	=	MAXIMUM
AFF	=	ABOVE FINISHED FLOOR	MC	=	MECHANICAL CONTRACTOR
ALT	=	ALTERNATE	MECH	=	MECHANICAL
ARCH.	=	ARCHITECTURAL	MIN	=	MINIMUM
			NTS	=	NOT TO SCALE
BLDG	=	BUILDING			
CD	=	CONDENSATE DRAIN	PC	=	PLUMBING CONTRACTOR
CDP	=	CONDENSATE DRAIN PUMP	PV	=	PLUMBING VENT
CLG	=	CEILING			
CO	=	CLEANOUT	SPEC	=	SPECIFICATION
CODP	=	CLEANOUT DECK PLATE	SS	=	STAINLESS STEEL
COWP	=	CLEANOUT WALL PLATE			
			T&P	=	TEMPERATURE & PRESSURE
DCW	=	DOMESTIC COLD WATER	TMV	=	THERMOSTATIC MIXING VALVE
DDC	=	DIRECT DIGITAL CONTROL	TYP	=	TYPICAL
DHW	=	DOMESTIC HOT WATER			
DHWR	=	DOMESTIC HOT WATER RETURN	VTR	=	VENT THROUGH ROOF
DN	=	DOWN	VIF	=	VERIFY IN FIELD
DWG	=	DRAWING	W/	=	WITH
GC	=	GENERAL CONTRACTOR			
EA	=	EACH			
EXIST	=	EXISTING			
GPH	=	GALLON PER HOUR			
GPM	=	GALLON PER MINUTE			
HWH	=	DOMESTIC HOT WATER HEATER			
ID	=	INSIDE DIAMETER (DIM)			
IN	=	INCH			
INFO	=	INFORMATION			

PIPING LEGEND & SYMBOLS

NOT TO SCALE

	SANITARY WASTE/ROOF LEADER PIPING ABOVE GRADE
	SANITARY WASTE/STORM PIPING BELOW SLAB
	SANITARY VENT PIPING
	DOMESTIC COLD WATER (DCW) PIPING
	DOMESTIC HOT WATER (DHW) PIPING
	DOMESTIC HOT WATER RETURN (DHWR) PIPING
	CONDENSATE DRAIN PIPING
	PIPE TURN UP
	PIPE TURN DOWN
	PIPE TOP CONNECTION
	PIPE BOTTOM CONNECTION
	SHUTOFF BALL VALVE
	POINT OF CONNECTION OF NEW PIPING TO EXISTING
	POINT OF DISCONNECTION OF DEMOLISHED PIPING FROM EXISTING
	BALANCING VALVE
	HOSE BIBB

GENERAL CONSTRUCTION NOTES

1. PC IS RESPONSIBLE FOR CUTTING OF ALL WALLS, FLOORS, CEILING, ROOF, ETC. FOR ALL PLUMBING PIPE WALL & FLOOR & ROOF PENETRATIONS (SMALLER THAN 12"x12"). GC IS RESPONSIBLE FOR PENETRATIONS THAT ARE LARGER THAN 12"x12". PC TO COORDINATE LOCATIONS & SIZES W/ GC.

2. WHERE A FIREPROOFING MATERIAL THAT IS INTEGRAL TO THE RATING OF AN EXISTING FIRE-RATED ASSEMBLY IS REMOVED OR DISTURBED, CONTRACTOR IS REQUIRED TO REPLACE THE MATERIAL TO PRESERVE THE RATING.

REFER TO ARCHITECTURAL, MECHANICAL & PLUMBING DRAWINGS FOR ADDITIONAL WORK REQUIREMENTS. PLUMBING CONTRACTOR IS RESPONSIBLE FOR ALL WORK CALLED OUT TO BE PERFORMED BY "PC" OR "PLUMBING CONTRACTOR", REGARDLESS OF THE DRAWING.

GENERAL CONSTRUCTION NOTES:

1. REFER TO "MULTIPLE PRIME CONTRACT NOTES" ON DWG A1.01 & SPECIFICATION SECTION 011000 SUMMARY OF WORK FOR CONTRACTOR'S RESPONSIBILITIES.

2. CORE DRILLING SHALL BE PERFORMED BY EACH INDIVIDUAL PRIME CONTRACT. REFER TO "CORE DRILL LAYOUT NOTES" ON DWG A1.01 FOR ADDITIONAL INFORMATION. SEE DRAWINGS FOR APPROXIMATE LOCATIONS OF PIPES, DUCTS, ETC.

PLUMBING SYSTEM MATERIALS

PIPING:

WASTE & VENT PIPING BELOW GRADE SHALL BE SERVICE WEIGHT CAST IRON PIPE WITH GASKETS, ABOVE GRADE SHALL BE NO-HUB SERVICE WEIGHT CAST IRON PIPE WITH STAINLESS STEEL SHIELDED COUPLINGS.

DOMESTIC HOT AND COLD WATER PIPING ABOVE GRADE SHALL BE TYPE "L" COPPER PIPE WITH WROUGHT COPPER SOLDER FITTINGS (LEAD-FREE SOLDER). BELOW GRADE SHALL BE TYPE "K" COPPER WITHOUT FITTINGS.

CONDENSATE DRAIN PIPING SHALL BE TYPE "L" COPPER PIPE WITH WROUGHT COPPER SOLDER FITTINGS.

INSULATION:

ALL DOMESTIC HOT AND COLD WATER PIPING SHALL BE INSULATED WITH FIBERGLASS PIPE INSULATION WITH ASJ JACKET. REFER TO SPECIFICATIONS FOR INSULATION THICKNESS.

ALL CONDENSATE DRAIN PIPING SHALL BE INSULATED WITH 1" THICK FLEXIBLE ELASTOMERIC INSULATION (AP ARMAFLEX BLACK LAPSEAL OR APPROVED EQUAL).

CLEANOUTS:

FLOOR: J.R. SMITH #4023S W/ ROUND NICKEL-BRONZE TOP.

WALL: J.R. SMITH #4532S W/ ROUND STAINLESS STEEL TOP.

PIPE INSULATION/COVERS:

FOR ALL LAVATORIES, INSTALL PROTECTIVE ENCLOSURE "LAV SHIELD" W/ TAMPER-RESISTANT SCREWS BY TRUEBRO OR APPROVED EQUAL.

VALVES & FITTINGS:

ALL VALVES & FITTINGS FOR DOMESTIC WATER SYSTEM SHALL BE LEAD FREE TYPE IN COMPLIANCE W/ REQUIREMENTS OF NSF/ANSI STANDARD 61. ALL BALL VALVES SHALL BE FULL-PORT TYPE.

PENETRATION FIRESTOPPING:

ALL PIPE PENETRATIONS (AT WALL, FLOOR, CHASE, ETC.) SHALL BE SEALED & CAULKED W/ 2 HR RATED FIRESTOPPING MATERIALS.

PLUMBING GENERAL NOTES

1. ALL WORK SHALL CONFORM TO LATEST EDITION OF NEW YORK STATE ENERGY CODE & PLUMBING CODE, AND ALL OTHER APPLICABLE CODES, ORDINANCES, AND LOCAL AUTHORITY HAVING JURISDICTION.

2. PC SHALL VISIT JOB SITE AND NOTE ALL EXISTING CONDITIONS TO BE MET BEFORE SUBMITTING BID. THE DRAWINGS ARE GENERALLY DIAGRAMMATIC AND SHOW THE INTENT OF WORK.

3. PC SHALL FAMILIARIZE THEMSELVES WITH THE EXTENT AND SCOPE OF THE WORK PRIOR TO SUBMITTING BIDS OR COMMENCING WORK.

4. PC TO PROCURE AND PAY FOR ALL NECESSARY PERMITS AND LICENSES REQUIRED TO CARRY OUT WORK, OBTAIN AND PAY FOR ALL NECESSARY CERTIFICATES OF APPROVAL FOR WORK, AND PAY FOR ANY LEGAL FEES.

5. INSTALLATION TO COMPLY WITH ALL FEDERAL, STATE, MUNICIPAL LAWS, AND ALL CODES, RULES, ORDINANCES, AND REGULATIONS OF HEALTH, PUBLIC OR OTHER AUTHORITIES CONTROLLING OR LIMITING THE METHODS, MATERIALS TO BE USED OR ACTIONS OF THOSE EMPLOYED IN THE WORK.

6. PC SHALL REVIEW DRAWINGS AND FIELD VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING WORK. PC SHALL REPORT ANY DISCREPANCIES, AND ADDRESS ALL QUESTIONS TO ARCHITECT/ENGINEER PRIOR TO COMMENCING WORK.

7. PIPE INSTALLATION AS FOLLOWS:

a) RUN ALL PIPING CONCEALED IN CEILINGS, WALLS AND PARTITIONS.

b) ALL PIPING TO BE PITCHED TO LOW POINTS WITH DRAIN VALVES. STORM AND WASTE PIPING SHALL BE SLOPED PER LATEST PLUMBING CODE.

c) SLEEVE PIPING THAT PASSES THROUGH WALLS.

d) PROVIDE ROD HANGERS WITH CLEVIS PIPE SUPPORT PER SPECIFICATION.

e) PROVIDE VALVES REQUIRED FOR COMPLETE CONTROL OF ALL SYSTEMS. STOP VALVES FOR SUPPLY TO ALL FIXTURES TO BE CHROME PLATED WHERE EXPOSED.

f) PROVIDE ACCESS DOORS FOR ALL CONCEALED VALVES AND CLEANOUTS.

g) CORE-DRILL FLOOR SLABS & PROVIDE 2-HR RATED FIRE STOPPING MATERIALS FOR ALL PIPE PENETRATION THROUGH FLOOR SLABS.

8. PC TO PERFORM ALL TESTING OF THE PLUMBING WORK IN THE PRESENCE OF THE OWNER. PROVIDE ALL APPARATUS, TEMPORARY CONNECTIONS, AND OTHER REQUIREMENTS TO DO SUCH TESTS. ANY DEFECTS, LEAKS, ETC. WILL BE REPLACED AND TEST REPEATED UNTIL TEST REQUIREMENTS ARE MET.

9. SUBMIT SHOP DRAWINGS OF ALL WORK TO BE DONE, EQUIPMENT, AND FIXTURES FURNISHED.

10. PC TO CARRY OUT PERIODIC CLEANING TO REMOVE RUBBISH ETC., TO LEAVE PREMISES FREE FROM DEBRIS, AND DISCARDED MATERIALS. AFTER INSTALLATION, CLEAN FIXTURES, FITTINGS, ETC. AND LEAVE READY FOR USE.

11. PC SHALL BE RESPONSIBLE TO DISPOSE OF ALL DEMOLISHED MATERIAL OF SITE IN AN APPROVED MANNER.

12. PC SHALL BE RESPONSIBLE FOR CLEANING UP WORK AREAS UPON COMPLETION OF WORK.

13. PC SHALL SNAKE, SCOPE, AND TELEWISE ALL EXISTING WASTE LINES THAT ARE TO BE REUSED TO ENSURE THEY ARE CLEAR AND FREE FROM DEBRIS, DEFECTS, CRACKS, ETC. PC SHALL BE RESPONSIBLE FOR TELEVISIONING ALL WASTE LINES FOR A MINIMUM OF FIFTY (50) FEET FROM THE END OF THE LINE CLEANOUT AT A GROUP OF FIXTURES. PC SHALL NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY IF DEFECTS IN THE EXISTING PIPING ARE FOUND.

14. GUARANTEE HVAC SYSTEM FOR A PERIOD OF TWO (2) YEARS FROM OWNER'S ACCEPTANCE TO BE FREE FROM DEFECTS AND REPAIR OR REPLACE, AT NO COST TO OWNER, FAILURES OR DEFECTS.

15. PC TO SUBMIT TWO (2) SETS OF OPERATION & MAINTENANCE MANUALS, INCLUDING A SUMMARY SHEET OF ALL EQUIPMENT MANUFACTURERS/MODEL'S/SERIAL #'S. SHOP DRAWING SUBMITTALS, WARRANTY INFORMATION, O&M MANUALS, PROJECT INFORMATION, CONTACT DETAILS & AS-BUILT DRAWINGS.

16. PC TO PROVIDE TWO (2) SETS AND AN ELECTRONIC COPY OF AS-BUILT DRAWINGS OF THE ENTIRE SYSTEM

HOMMOCKS MIDDLE SCHOOL

Key Plan

NOT TO SCALE

NORTH

NYSED PROJECT # 66-07-01-03-0-011-031

PLUMBING NOTES, SYMBOLS & ABBR.

POOL LOCKER ROOM RENOVATIONS AT
HOMMOCKS MIDDLE SCHOOL
1-30 HOMMOCKS ROAD
LARCHMONT, NY 10538

Job No. 4.1092.87

File No. 4109287P001

P0.01

THOMAS WIGHARD, P.E.

08/30/24
ISSUE FOR BID

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NY Certificate of Authorization

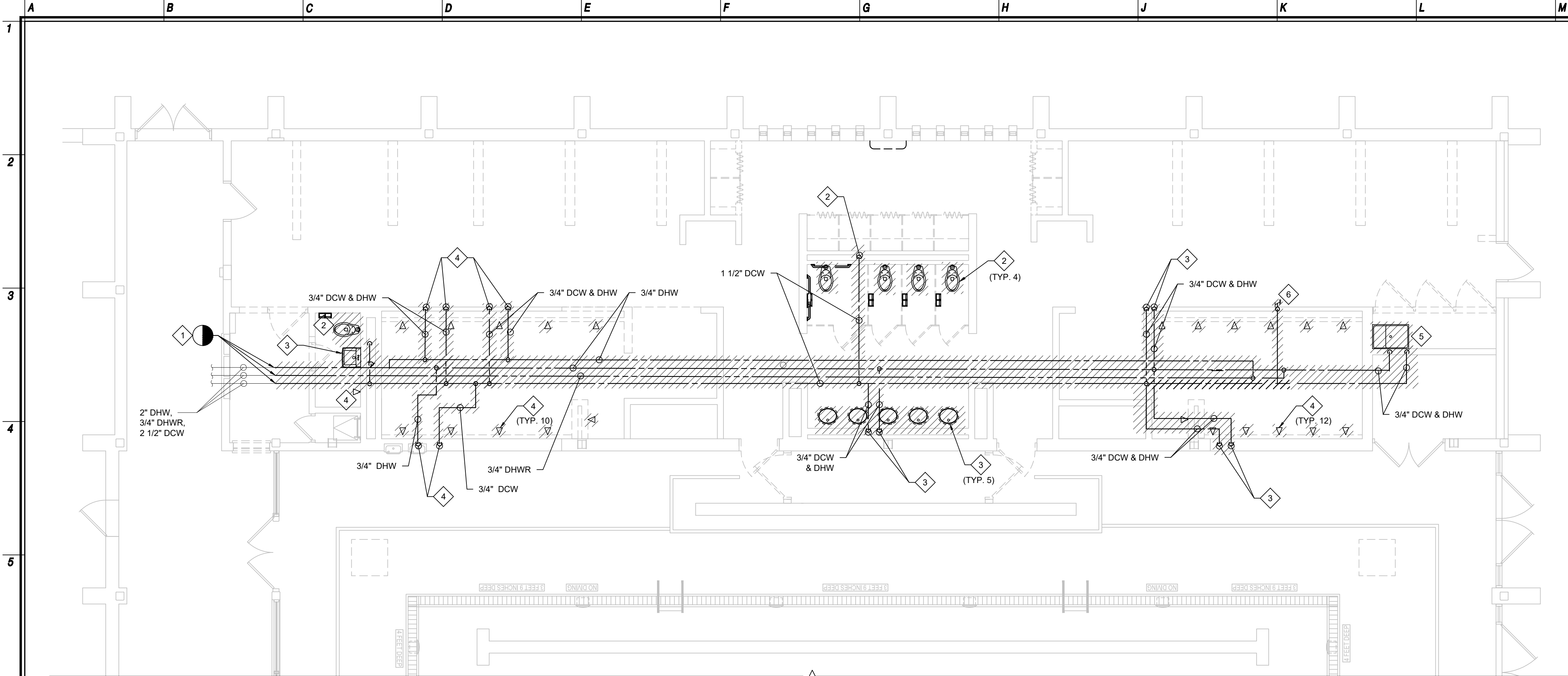
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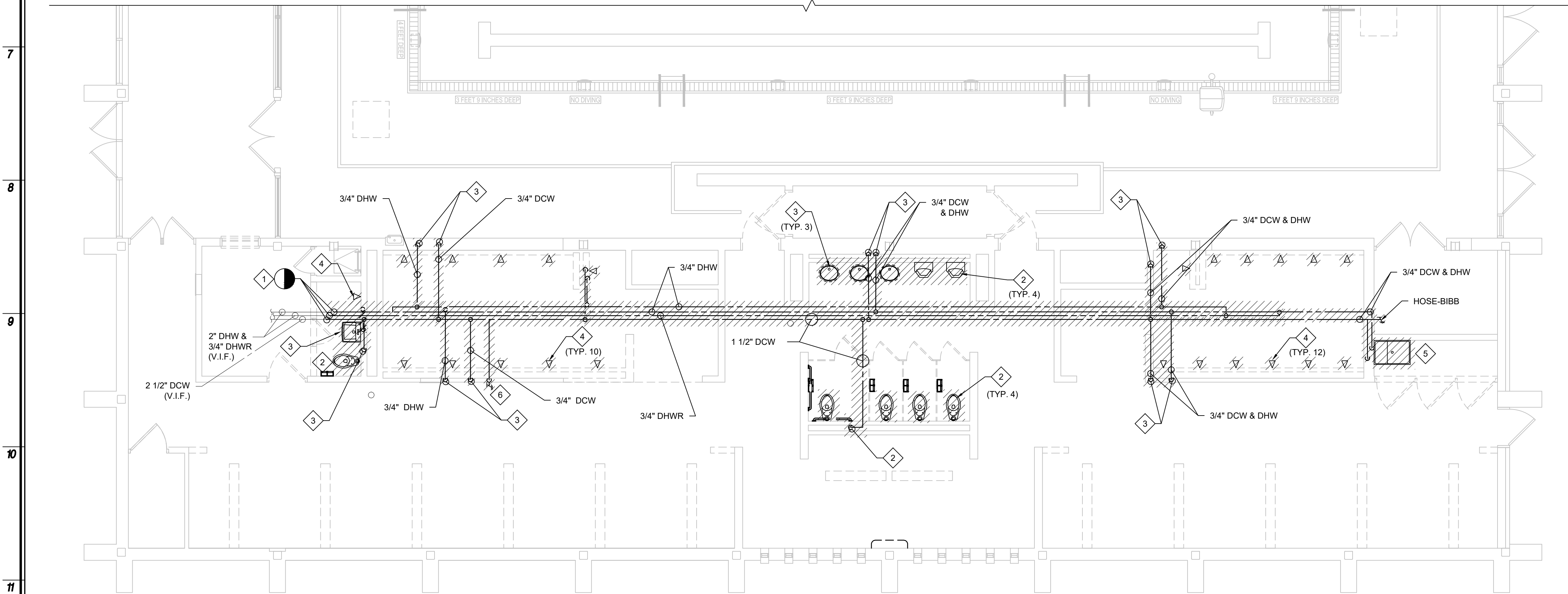
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2
P1.01
Women's Locker Domestic Water Demolition First Floor Plan
3/16" = 1'-0"



1
P1.01
Men's Locker Domestic Water Demolition First Floor Plan
3/16" = 1'-0"



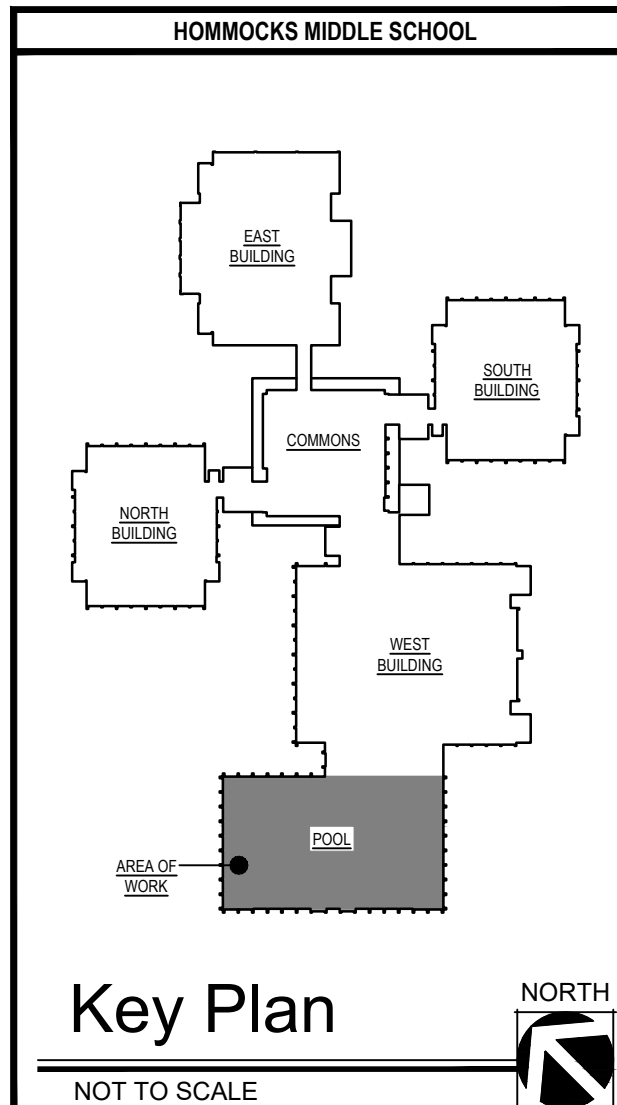
Plumbing Demolition Key Notes

SYMBOL INDICATES
DEMOLITION KEY NOTE

1. DEMOLISH DCW/DHW/DHWR PIPING UP TO THIS POINT.
2. REMOVE EXISTING WATER CLOSET/URINALS & ALL RELATED FLUSH VALVES, FITTINGS, ETC. REMOVE ALL PIPING WITH WALL/CHASE BEING DEMOLISHED. SAWCUT EXISTING MASONRY WALL OR CONCRETE FLOOR AS REQUIRED TO ALLOW REMOVAL OF EXISTING AND INSTALLATION OF NEW SCOPE OF WORK. CUT AND MODIFY EXISTING PLUMBING AS REQUIRED TO ACCOMMODATE NEW SCOPE OF WORK.
3. REMOVE EXISTING LAVATORY & AND ALL ASSOCIATED CARRIER, PIPING, VALVES, FITTINGS, ETC. REMOVE ALL PIPING WITH WALL/CHASE BEING DEMOLISHED. SAWCUT EXISTING MASONRY WALL OR CONCRETE FLOOR AS REQUIRED TO ALLOW REMOVAL OF EXISTING AND INSTALLATION OF NEW SCOPE OF WORK. CUT AND MODIFY EXISTING PLUMBING AS REQUIRED TO ACCOMMODATE NEW SCOPE OF WORK.
4. REMOVE EXISTING SHOWER HEADS, CONTROL VALVES & ALL PIPING, VALVES, FITTINGS, ETC. REMOVE ALL PIPING WITH WALL/CHASE BEING DEMOLISHED. SAWCUT EXISTING MASONRY WALL OR CONCRETE FLOOR AS REQUIRED TO ALLOW REMOVAL OF EXISTING AND INSTALLATION OF NEW SCOPE OF WORK. CUT AND MODIFY EXISTING PLUMBING AS REQUIRED TO ACCOMMODATE NEW SCOPE OF WORK.
5. REMOVE EXISTING JANITOR'S MOP SINK & AND ALL ASSOCIATED CARRIER, PIPING, VALVES, FITTINGS, ETC. REMOVE ALL PIPING WITH WALL/CHASE BEING DEMOLISHED. SAWCUT EXISTING MASONRY WALL OR CONCRETE FLOOR AS REQUIRED TO ALLOW REMOVAL OF EXISTING AND INSTALLATION OF NEW SCOPE OF WORK. CUT AND MODIFY EXISTING PLUMBING AS REQUIRED TO ACCOMMODATE NEW SCOPE OF WORK.
6. REMOVE EXISTING HOSE BIBB & ALL ASSOCIATED PIPING, VALVES, FITTINGS, ETC.

Plumbing Demolition Plan Notes

1. PC TO NOTE THAT LOCATIONS & SIZES OF EXIST. PLUMBING PIPING SHOWN (DCW, DHW, DHWR, ETC.) ARE BASED ON FIELD OBSERVATIONS AND AVAILABLE BLUEPRINTS AND ARE APPROXIMATE. EXISTING WATER LINES ARE SHOWN GRAPHICALLY TO GIVE AN HONEST REPRESENTATION OF THE EXISTING CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL SIZES & LOCATIONS IN FIELD.
2. REMOVE ALL EXIST. ABANDONED ROUGH-IN PIPING, WHETHER THEY ARE SHOWN OR NOT ON THE DRAWING. PATCH EXISTING FLOOR OPENINGS WHERE ARE NOT REUSED FOR NEW PIPE PENETRATIONS. PAINT TO MATCH EXISTING CEILING FINISH.
3. ANY CUTTING, PATCHING, OR FINISH REPAIR WORK REQUIRED FOR PLUMBING DEMOLITION IS THE RESPONSIBILITY OF THE PC.
4. FURNISH AND INSTALL ISOLATION VALVES AND BLIND FLANGES/CAPS FOR ANY PIPING THAT IS TO BE REUSED AND MUST REMAIN ENERGIZED.
5. PC SHALL BE RESPONSIBLE FOR SHUTDOWN AND/OR TO ISOLATE SECTIONS OF PLUMBING SYSTEM, AND DRAIN WATER FROM THE SYSTEM TO ACCOMMODATE FOR DEMOLITION. RESTORE THE SYSTEM AS REQUIRED.
6. ANY SHUT-DOWNS MUST BE COORDINATED WITH THE OWNER MIN 72 HOURS IN ADVANCE. THE PC SHALL NOT SHUT DOWN ENTIRE SECTIONS OF THE BUILDING AT ONE TIME. PROVIDE BYPASS LINES AS NECESSARY TO WORK ON INDIVIDUAL BATHROOMS WHILE MAINTAINING THE INTEGRITY OF THE REST OF THE PLUMBING SYSTEM.
7. SAWCUT EXIST. WALLS/CHASES/FLOOR SLABS/CEILING AS REQUIRED FOR DEMOLITION OF ALL EXIST. PLUMBING FIXTURES & PIPING. PATCH TO MATCH EXISTING.



Key Plan

NOT TO SCALE

NY Certificate of Authorization	
Eng'r. No.	0018867
Date	9/15/23
Checked	MAM
Drawn	JPD

THOMAS WIGHARD, P.E.

License No. NY 090385 | EXP. 10/31/26
PROFESSIONAL ENGINEER

Revisions:

08/30/24
ISSUE FOR BID

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NYSED PROJECT # 66-07-01-03-0-011-031

DEMO. FIRST FLOOR DOM. WATER PLANS

POOL LOCKER ROOM RENOVATIONS AT

HOMMOCKS MIDDLE SCHOOL

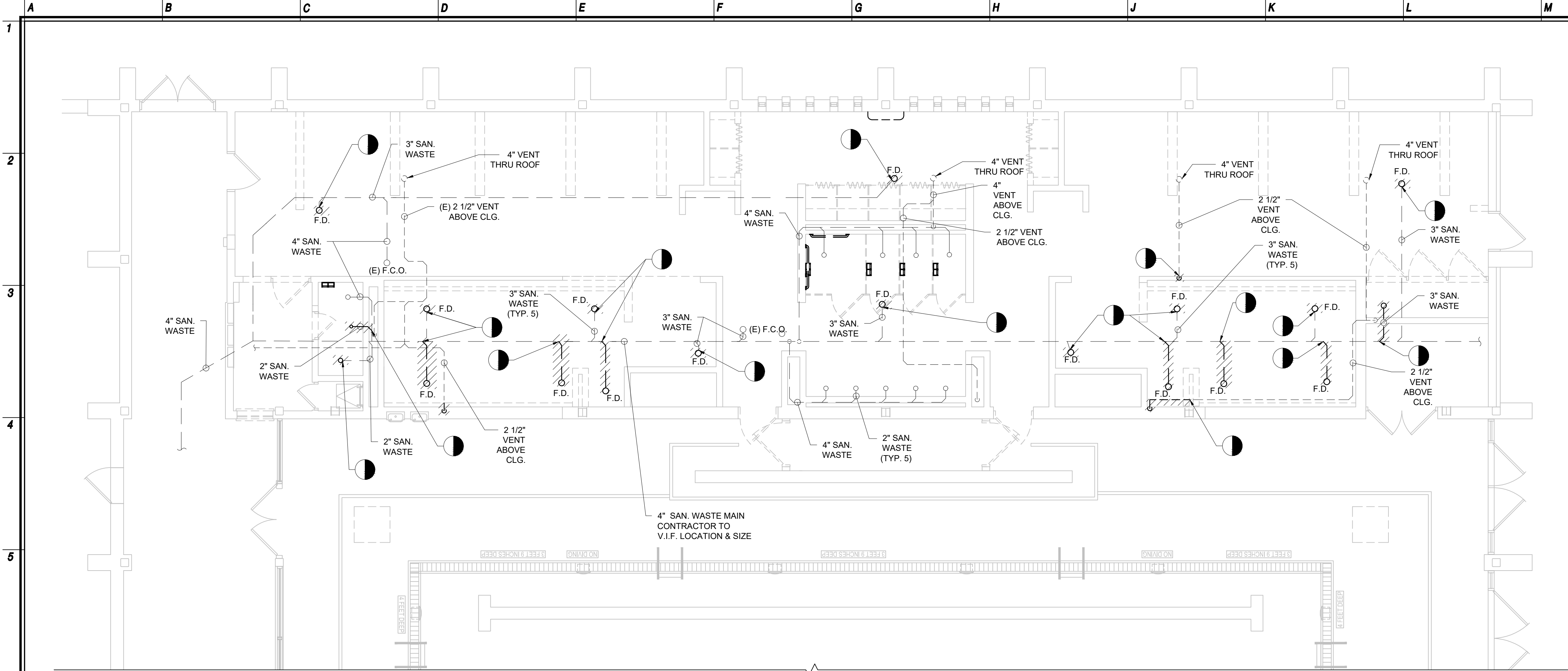
130 HOMMOCKS ROAD

LARCHMONT, NY 10538

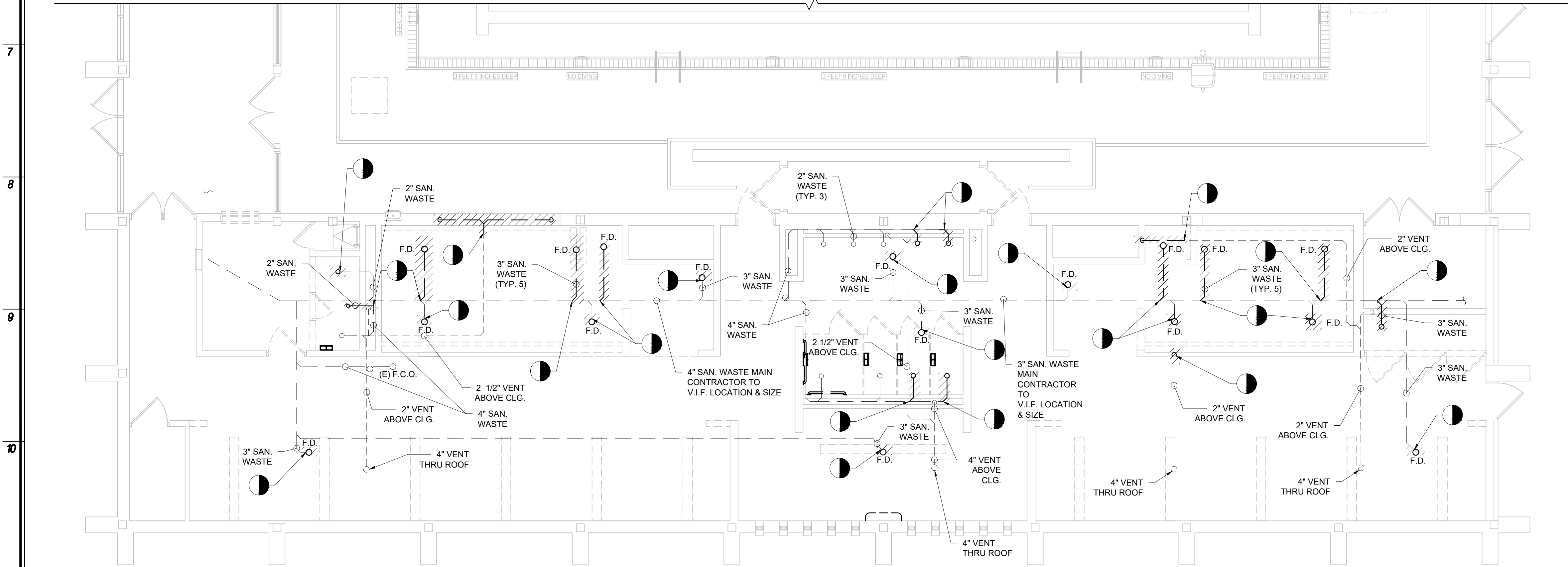
Job No. 4.1092.87

File No. 4109287P101

P1.01



2
P1.02
3/16" = 1'-0"



1
P1.02
3/16" = 1'-0"



Plumbing Demolition Plan Notes

1. PC TO NOTE THAT LOCATIONS & SIZES OF EXIST. PLUMBING PIPING SHOWN (WASTE, VENT, ETC) ARE BASED ON FIELD OBSERVATIONS AND AVAILABLE BLUEPRINTS AND ARE APPROXIMATE. CONTRACTOR SHALL INVESTIGATE/TRACE (WITH CAMERA OR ELECTRONIC DEVICES) THE EXISTING SANITARY WASTE LINES TO BE REMOVED/REPLACED OR RESCHEDULED TO BE REUSED. THE PC SHALL NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES. EXISTING VENTING AND WATER LINES ARE SHOWN GRAPHICALLY TO GIVE AN HONEST REPRESENTATION OF THE EXISTING CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL SIZES & LOCATIONS IN FIELD.
2. ALL SANITARY / ACID WASTE LINES BEING DEMOLISHED SHALL BE REMOVED BACK TO THE MAINS. DEAD END SHALL NOT EXCEED THE MAXIMUM LENGTH PER LATEST PLUMBING CODE.
3. REMOVE ALL EXIST. ABANDONED ROUGH-IN PIPING, WHETHER THEY ARE SHOWN OR NOT ON THE DRAWINGS. PATCH EXISTING FLOOR OPENINGS WHERE ARE NOT REUSED FOR NEW PIPE PENETRATIONS. PAINT TO MATCH EXISTING CEILING FINISH.
4. ANY CUTTING, PATCHING, OR FINISH REPAIR WORK REQUIRED FOR PLUMBING DEMOLITION IS THE RESPONSIBILITY OF THE PLUMBING SUBCONTRACTOR.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR SHUTDOWN AND/OR TO ISOLATE SECTIONS OF PLUMBING SYSTEM, AND DRAIN WATER FROM THE SYSTEM TO ACCOMMODATE FOR DEMOLITION. RESTORE THE SYSTEM AS REQUIRED.
6. ANY SHUT-DOWNS MUST BE COORDINATED WITH THE OWNER MIN 72 HOURS IN ADVANCE. THE CONTRACTOR SHALL NOT SHUT DOWN ENTIRE SECTIONS OF THE BUILDING AT ONE TIME. PROVIDE BYPASS LINES AS NECESSARY TO WORK ON INDIVIDUAL BATHROOMS WHILE MAINTAINING THE INTEGRITY OF THE REST OF THE PLUMBING SYSTEM.
7. SAWCUT EXIST. WALLS/CHASES/FLOOR SLABS/CEILING AS REQUIRED FOR DEMOLITION OF ALL EXIST. PLUMBING FIXTURES & PIPING. PATCH TO MATCH EXISTING. SEE ARCH DWGS. A1.02 FOR FURTHER DETAILS.
8. CONTRACTOR SHALL SNAKE, SCOPE, AND TELEWISE ALL EXISTING WASTE LINES THAT ARE TO BE REUSED TO ENSURE THEY ARE CLEAR AND FREE FROM DEBRIS, DEFECTS, CRACKS, ETC. PC SHALL BE RESPONSIBLE FOR TELEVISIONING ALL WASTE LINES FOR A MINIMUM OF FIFTY (50') FEET FROM THE END OF THE LINE CLEANOUT AT A GROUP OF FIXTURES. PC SHALL NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY IF DEFECTS IN THE EXISTING PIPING ARE FOUND.

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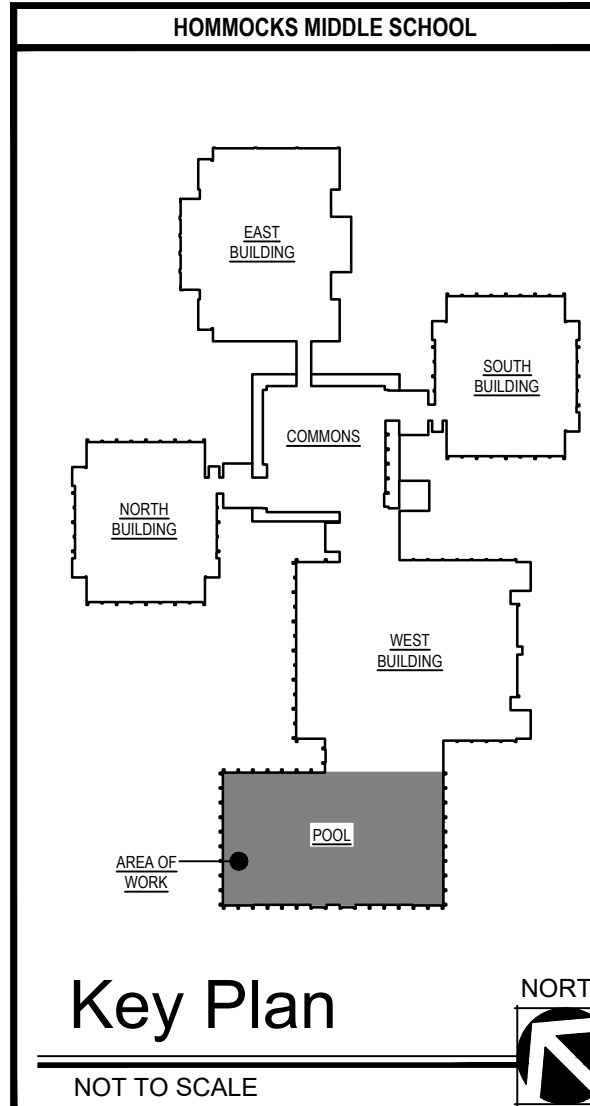
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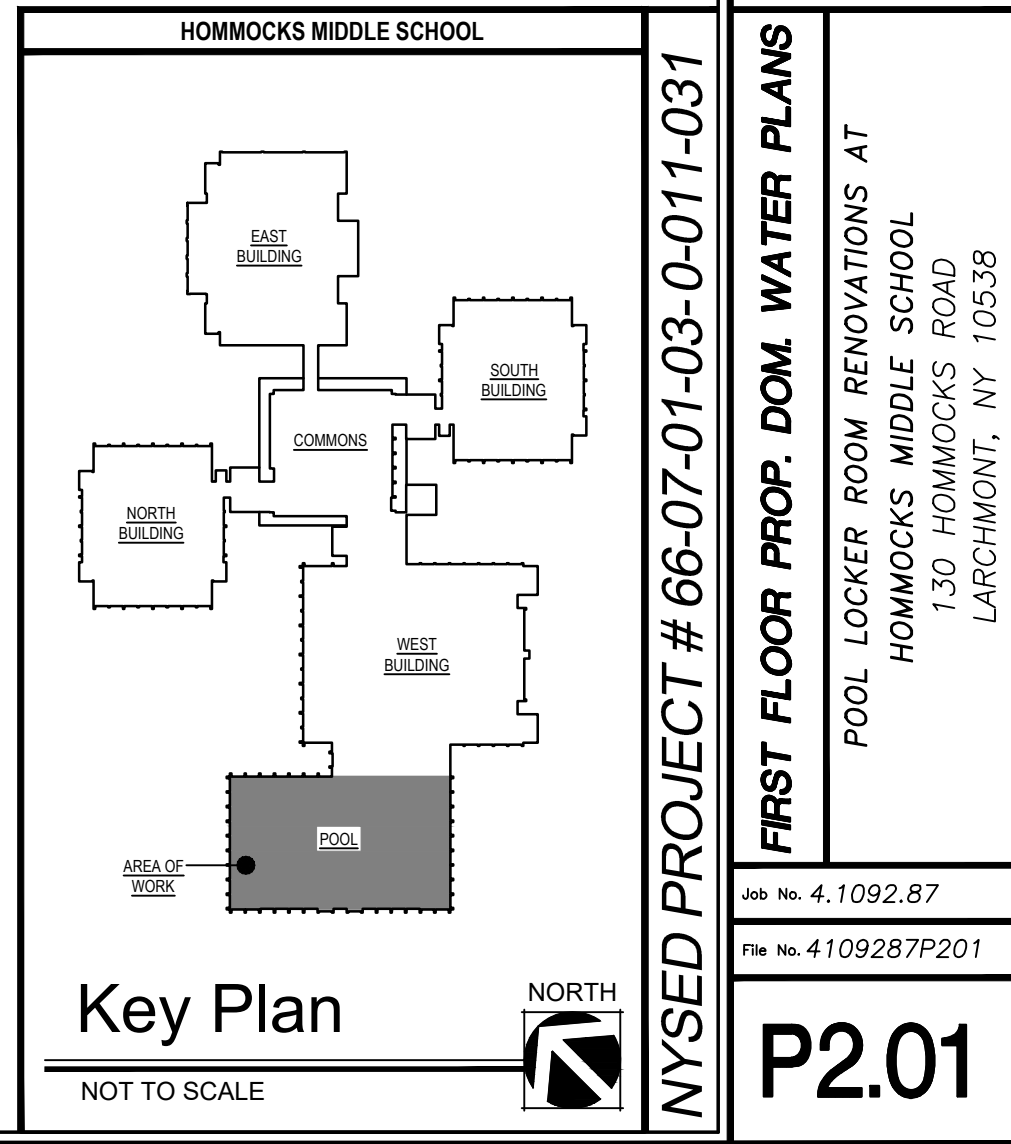
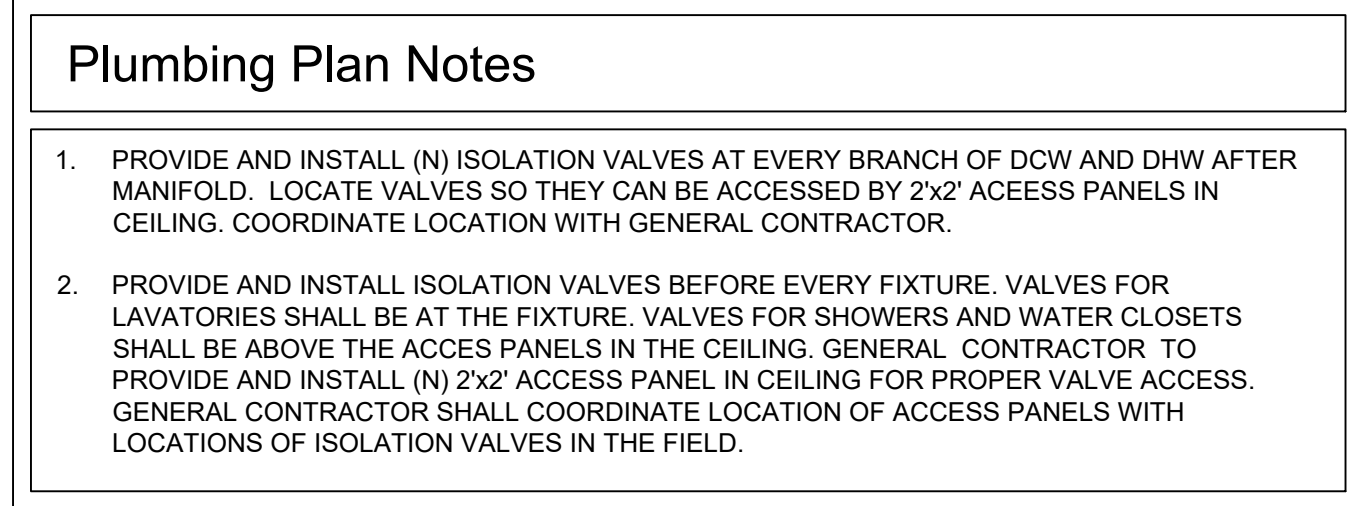


NYSED PROJECT # 66-07-01-03-0-011-031

DEMO. FIRST FLOOR SANITARY PLANS
POOL LOCKER ROOM RENOVATIONS AT
HOMMOCKS MIDDLE SCHOOL
130 HOMMOCKS ROAD
LARCHMONT, NY 10538

Job No. 4.1092.87
File No. 4109287P101

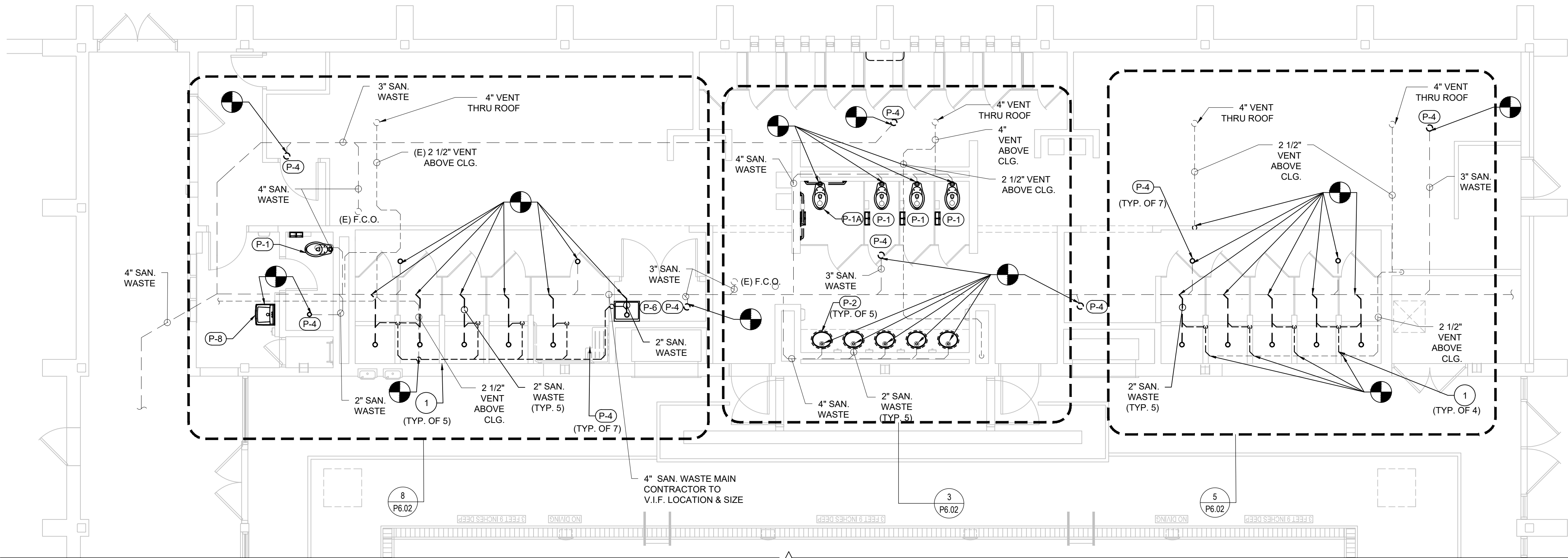
P1.02



FIRST FLOOR PROP. DOM. WATER PLANS	POOL LOCKER ROOM RENOVATIONS AT HOMMOCKS MIDDLE SCHOOL 130 HOMMOCKS ROAD LARCHMONT, NY 10538
Job No. 4.1092.87	
File No. 4109287P201	
P2.01	

A B C D E F G H J K L M N O P

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Women's Locker Proposed Sanitary Plan



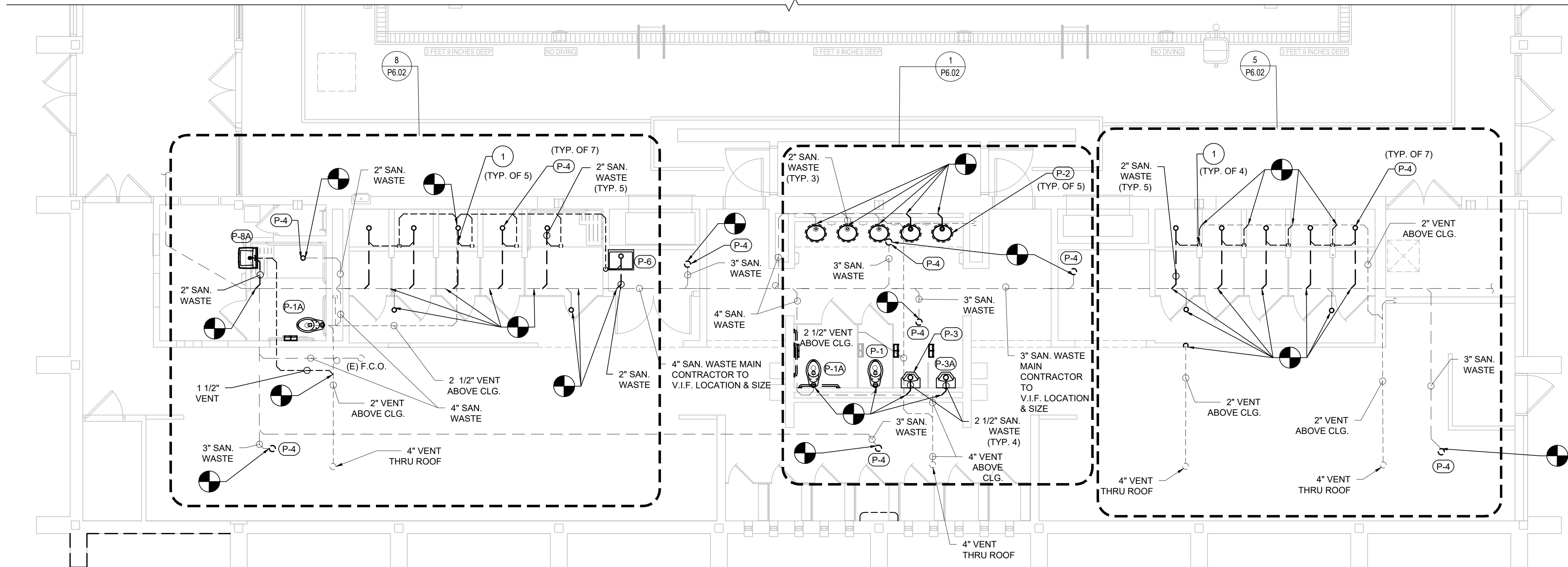
Plumbing Construction Key Notes

SYMBOL INDICATES CONSTRUCTION KEY NOTE

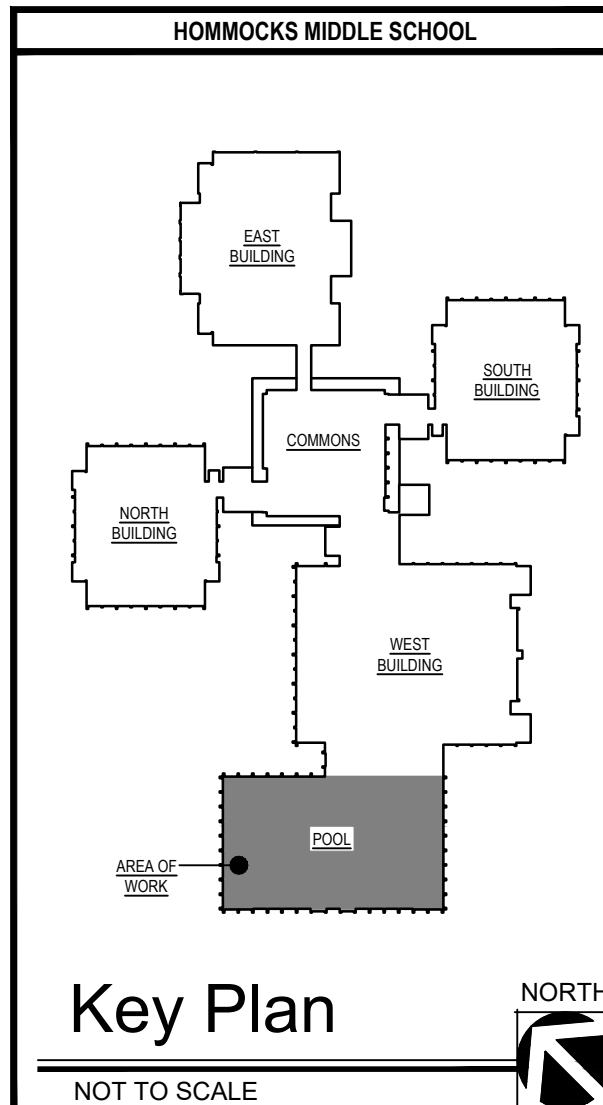
- (N) 1 1/2" VENT DN. THROUGH PARTITION WALL TO 2" SAN. WASTE BELOW SLAB.

Plumbing Plan Notes

- SEE A1.02 FOR REQUIRED FLOOR TRENCHING LOCATIONS.
- CONTRACTOR SHALL SNAKE, SCOPE, AND TELEVIEW ALL EXISTING WASTE LINES THAT ARE TO BE REUSED TO ENSURE THEY ARE CLEAR AND FREE FROM DEBRIS, DEFECTS, CRACKS, ETC. CONTRACTOR SHALL BE RESPONSIBLE FOR TELEVIEWING ALL WASTE LINES FOR A MINIMUM OF FIFTY (50') FEET FROM THE END OF LINE CLEANOUT AT A GROUP OF FIXTURES. CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY IF DEFECTS IN THE EXISTING PIPING ARE FOUND.



Men's Locker Room Proposed Sanitary Plan



Key Plan

NOT TO SCALE



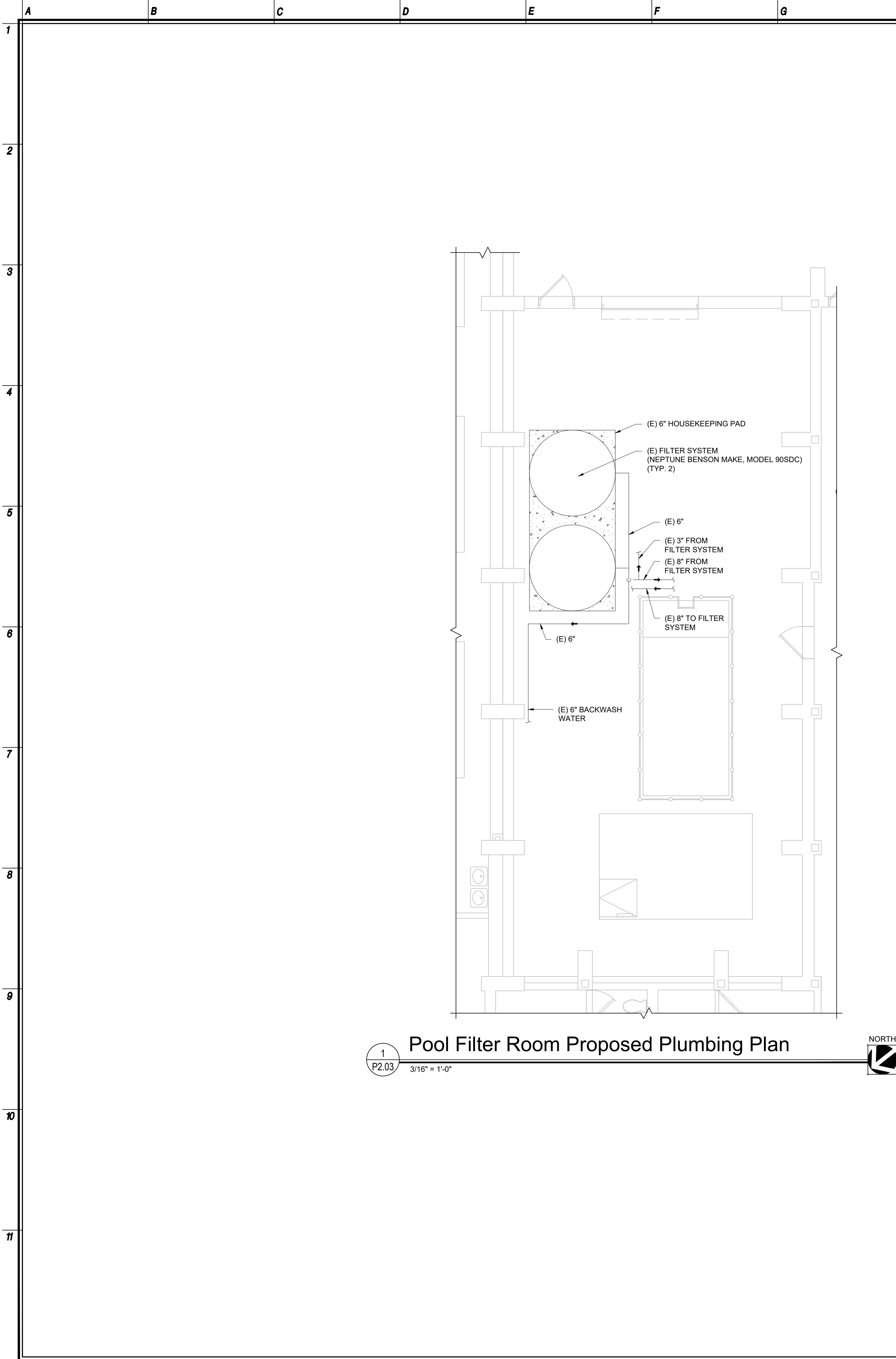
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THOMAS WIGHARD, P.E.
PROFESSIONAL ENGINEER
License No. NY 090385 | EXP. 10/31/26

Revisions:
1. (N) 1 1/2" VENT DN. THROUGH PARTITION WALL TO 2" SAN. WASTE BELOW SLAB.

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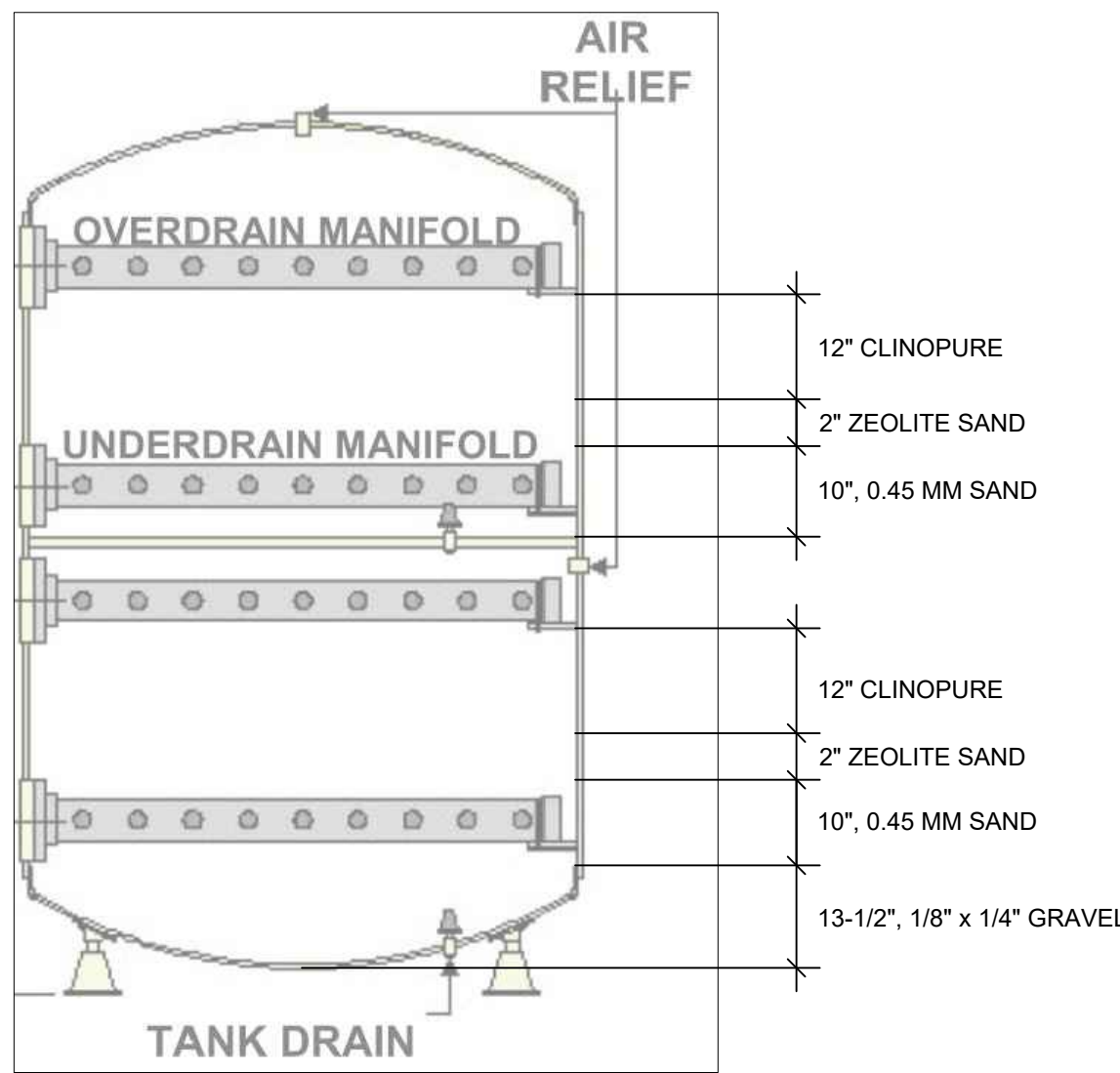
NYSED PROJECT # 66-07-01-03-0-011-031
FIRST FLOOR PROP. SANITARY PLAN
POOL LOCKER ROOM RENOVATIONS AT
HOMMOCKS MIDDLE SCHOOL
130 HOMMOCKS ROAD
LARCHMONT, NY 10538
Job No. 4.1092.87
File No. 4109287P201
P2.02



Proposed Plumbing Plan Note

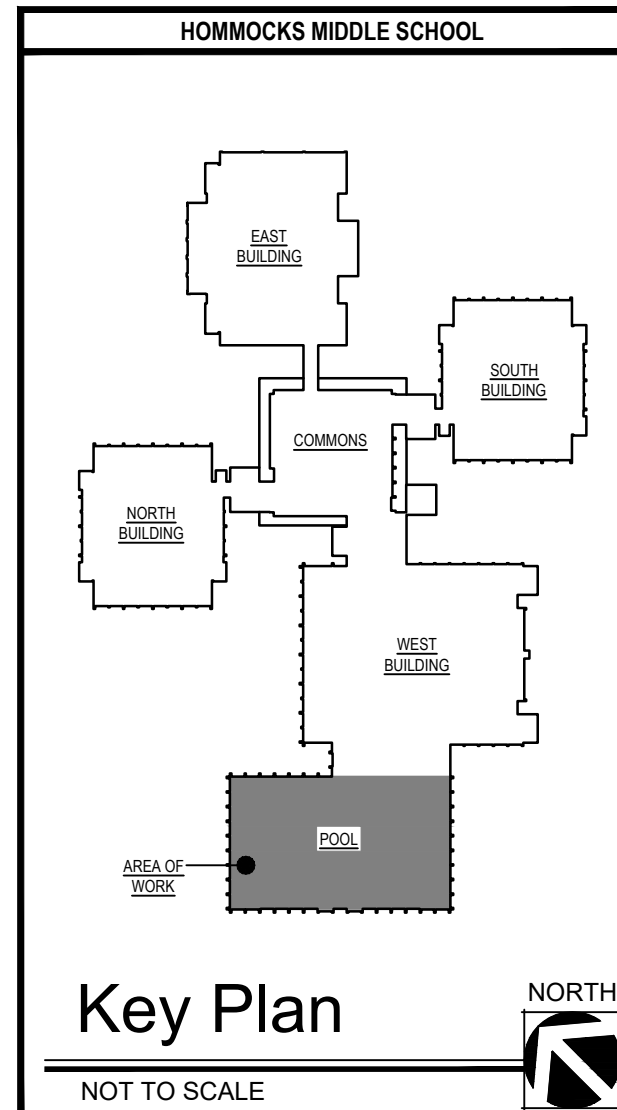
1. REMOVE AND REPLACE ALL POOL FILTRATION MEDIA IN EACH (E) TANK (2 TOTAL) PER THE TABLES BELOW AND PER DETAIL 2/P2.03. CONTRACTOR SHALL BE RESPONSIBLE FOR ISOLATING FILTRATION SYSTEM, AND ANY DRAINING/REFILLING WORK REQUIRED. COORDINATE ANY SHUT-DOWNS WITH OWNER MIN. 72 HOURS IN ADVANCE.

Filter Data	Filter Media
SYSTEM FLOWRATE = 1,172 GPM TOTAL FILTER AREA = 176.6 SQ. FT. FILTRATION RATE = 6.6 GPM / SQ. FT. MIN. BACKWASH FLOW = 663 GPM (SINGLE TANK @ 15 GPM / SQ. FT.) MAX. BACKWASH FLOW = 813 GPM	1/8" x 1/4" GRAVEL: 27 CU. FT. IN BOTTOM HEAD OF EACH TANK, 54 CU. FT. TOTAL 10" .45mm SAND, 34 CU. FT. PER CELL, 136 CU. FT. TOTAL 2" ZEOLITE SAND 12" CLINOPURE, 44 CU. FT. PER CELL, 176 CU. FT. TOTAL



Pool Filter Fill Requirements Detail

2
P2.03
N.T.S.



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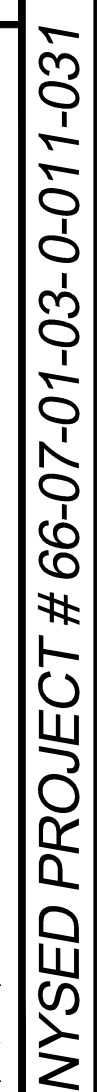
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NYSed PROJECT # 66-07-01-03-0-011-031
POOL FILTER ROOM PROPOSED PLAN
POOL LOCKER ROOM RENOVATIONS AT
HOMMOCKS MIDDLE SCHOOL
130 HOMMOCKS ROAD
LARCHMONT, NY 10538

Job No. 4.1092.87
File No. 4109287P201

P2.03



Electrical General Notes

- PROJECT INFORMATION:
- UNLESS SPECIFICALLY NOTED OTHERWISE, IT SHALL BE UNDERSTOOD THAT WHEN THE WORDS "OWNER" OR "CLIENT" ARE USED IN THESE DRAWINGS THEY ARE INTERCHANGEABLE AN ALL REFER TO MAMARONECK UFSD.
 - UNLESS SPECIFICALLY NOTED OTHERWISE, IT SHALL BE UNDERSTOOD THAT WHEN THE WORDS "ARCHITECT", "ENGINEER", OR "AE" ARE USED IN THESE DRAWINGS THEY ARE INTERCHANGEABLE AN ALL REFER TO LAN ASSOCIATES, ENGINEERING, PLANNING, ARCHITECTURE SURVEYING ("LAN").
 - UNLESS SPECIFICALLY NOTED OTHERWISE, IT SHALL BE UNDERSTOOD THAT WHEN THE WORD "CONTRACTOR" IS USED IN THE ELECTRICAL (E) # AND DRAWINGS AND/OR ELECTRICAL SPECIFICATION SECTIONS IT REFERS TO THE ELECTRICAL CONTRACTOR.
 - WHERE ANY DEVICE OR PART OF EQUIPMENT IS REFERRED TO IN THESE DRAWINGS IN THE SINGULAR NUMBER (E.G., "THE SWITCH", "THE RECEPTACLE"), THIS REFERENCE SHALL BE DEEMED TO APPLY TO AS MANY SUCH DEVICES AS ARE REQUIRED TO COMPLETE THE INSTALLATION AS SHOWN ON THE DRAWINGS.
 - HEALTH, SAFETY, AND CRITICAL OPERATING EQUIPMENT SHALL NOT BE COMPROMISED WITHOUT OWNER'S AUTHORIZATION. SCHEDULE SHUTDOWN DURING OFF HOURS AND IMPLEMENT AND MAINTAIN A TEMPORARY OPERATIONAL PLAN.

CODE & STANDARDS COMPLIANCE:

- WHERE CODES ARE REFERENCED, THEY SHALL BE THE VERSION ENFORCED AS OF JULY, 2023.
- CODE COMPLIANCE IS MANDATORY. NOTHING IN THESE DRAWINGS AND SPECIFICATIONS PERMITS WORK NOT CONFORMING TO THESE CODES. WHERE WORK IS SHOWN TO EXCEED MINIMUM CODE REQUIREMENTS, COMPLY WITH DRAWINGS AND SPECIFICATIONS. WHEN DIFFERENCES IN UTILITY SPECIFICATIONS OR STANDARDS, GOVERNMENTAL ORDINANCES OR CODES OCCUR, THE MORE STRINGENT REQUIREMENTS SHALL GOVERN THE INSTALLATION.
- THE ELECTRICAL INSTALLATION SHALL BE IN ACCORDANCE WITH THE CURRENTLY ENFORCED EDITION OF THE NATIONAL ELECTRICAL CODE (NEC), NATIONAL ELECTRICAL SAFETY CODE (NESC), AMERICAN ELECTRICALIANS' HANDBOOK, INTERNATIONAL BUILDING CODE (IBC), AMERICANS WITH DISABILITIES ACT (ADA), NFPA 55 & 99 ASHRAE 90.1 AND NEC STANDARD OF INSTALLATION, WHEREVER IN THE DOCUMENTS THE WORD "CODE" IS STATED, THE MORE STRINGENT OF THE ABOVE REFERENCED CODES IS IMPLIED.
- ALL CONTRACTOR SUPPLIED MATERIALS/EQUIPMENT SHALL BE NEW AND UL LISTED OR APPROVED BY ANOTHER NATIONALLY RECOGNIZED TESTING LABORATORY (NRTL).
- CONTRACTOR SHALL CONFORM TO ALL SAFETY RULES AND OTHER REGULATIONS, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT ALL RULES AND REGULATIONS HAVE BEEN MET AND COORDINATE THIS WORK WITH RESPONSIBLE CLIENT'S PERSONNEL.
- CONTRACTOR SHALL REVIEW CODE COMPLIANCE DRAWINGS AND IDENTIFY ALL PENETRATION THROUGH ROADS/SMOKE PARTITIONS, FLOOR AND ROOFS, PATCH COMPROMISED PARTITIONS TO MATCH FIRE/SMOKE RESISTANCE RATING AS STATED ON CODE COMPLIANCE DRAWINGS.

GENERAL PROCEDURES:

- ALL EQUIPMENT SHALL BE AS INDICATED BY THE ENGINEER/ARCHITECT.
- THE COST INCURRED BY THE ACCEPTANCE OF SUBSTITUTIONS SHALL BE BORNE BY THE CONTRACTOR. PROOF FOR THE EQUALITY OF THE SUBSTITUTIONS SHALL BE BY THE CONTRACTOR AND DIFFERENCES SHALL BE ENUMERATED WITH THE SUBMITTAL. SUBMISSION WITHOUT THE DIFFERENCES NOTED CAN BE GROUNDS FOR REJECTION WITHOUT REVIEW.
- ELECTRICAL COMPONENTS, INCLUDING BUT NOT LIMITED TO, CONDUCTOR SIZE, OVERCURRENT PROTECTION DEVICE AND DISCONNECT SWITCHES ARE BASED ON THE POWER REQUIREMENTS OF THE EQUIPMENT SHOWN ON THE CONTRACT DOCUMENTS. ALL COSTS (INCLUDING ADDITIONAL

- DESIGN FEES (IF REQUIRED) ASSOCIATED WITH CHANGES TO THESE POWER REQUIREMENTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR MAKING THE CHANGE.
- OBTAIN SHOP DRAWINGS AND WIRING DIAGRAMS FOR THE PROPER INSTALLATION OF RELATED ELECTRICAL WORK.
- THE CONTRACTOR SHALL REMOVE AND REINSTALL CEILING SYSTEMS AS REQUIRED FOR THE INSTALLATION OF NEW ELECTRICAL WORK AND REPLACE IN KIND, ANY COMPONENTS DAMAGED BY PERSONNEL OR EQUIPMENT DURING PERFORMANCE OF THE WORK.
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF DEBRIS GENERATED BY HIS WORK AND WORKERS AT THE END OF EACH WORKING DAY AND FOR GENERAL GOOD HOUSEKEEPING BY HIS WORKERS.
- ELECTRICAL CONTRACTOR SHALL PROVIDE REQUIRED REFUSE CONTAINERS.
- UNLESS OTHERWISE INDICATED ON THE MECHANICAL SCHEDULES/DRAWINGS, THE ELECTRICAL CONTRACTOR SHALL PROTECT AND INSTALL ALL DISCONNECT SWITCHES FOR ALL MECHANICAL EQUIPMENT (I.E., ROOF TOP HVAC UNITS, EXHAUST FANS, VARIABLE AIR VOLUME DEVICES, ETC.)

SITE CONDITIONS/DRAWING COORDINATION:

- THESE DRAWINGS AND SPECIFICATIONS ILLUSTRATE THE WORK TO BE PERFORMED. THE ENGINEER IS NOT RESPONSIBLE FOR THE METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES USED TO DO THE WORK, OR THE SAFETY ASPECTS OF CONSTRUCTIONS, AND NOTHING ON THESE DRAWINGS EXPRESSED OR IMPLIED CHANGES THIS CONDITION. PRIOR TO BIDDING AND/OR STARTING WORK THE CONTRACTOR SHALL VISIT THE PROJECT SITE TO DETERMINE THE CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED AND SHALL BE RESPONSIBLE FOR KNOWING HOW THEY AFFECT THE WORK. SCHEDULE SITE VISIT WITH CLIENT'S REPRESENTATIVES. ADDITIONALLY, THE CONTRACTOR SHALL FIELD VERIFY ALL SITE DIMENSIONS AND ROOM LAYOUTS. SUBMISSION OF A BID TO PERFORM THIS WORK IS AN ACKNOWLEDGEMENT OF THESE RESPONSIBILITIES, AND THAT THEY HAVE BEEN FULLY CONSIDERED IN PLANNING OF THE WORK, AND THE BID PRICE, NO CLAIMS OR EXTRA CHARGES DUE TO THESE CONDITIONS WILL BE FORTHCOMING.
- THE CLIENT WILL OCCUPY THE SITE AND EXISTING BUILDING DURING THE ENTIRE CONSTRUCTION PERIOD. COOPERATE WITH THE CLIENT DURING CONSTRUCTION OPERATIONS TO AVOID ANY CONFLICTS. PERFORM THE WORK SO AS NOT TO INTERFERE WITH THE CLIENT'S OPERATIONS. SCHEDULE ALL POWER OUTAGES, WITH THE CLIENT'S APPROVAL, FOR OVERTIME ON SUNDAYS AND HOLIDAYS AT NO ADDITIONAL COST TO THE CLIENT.
- EXISTING PROJECT CONDITIONS INDICATED ARE BASED ON THE EXISTING RECORD DOCUMENTS, DRAWINGS, AND RECORD DOCUMENTS AND EXISTING RECORD DOCUMENTS AND ARE INTENDED TO INDICATE THE SCOPE OF THE WORK AFFECTED BY THIS PROJECT.
- DRAWINGS SHALL NOT BE SCALED. DRAWINGS INDICATE THE GENERAL ARRANGEMENT OF SYSTEMS AND REQUIREMENTS OF THE WORK. ALL INFORMATION ON THE DRAWINGS IS DRAWN TO SCALE WHEREVER POSSIBLE. CONTRACTOR SHALL MAKE USE OF ALL DATA IN ALL OF THE CONTRACT DOCUMENTS AND VERIFY INFORMATION AT THE PROJECT SITE.
- THE ELECTRICAL CONTRACTOR SHALL MAKE HIS OWN TAKEOFF ON ALL QUANTITIES. IT SHALL BE HIS RESPONSIBILITY, AT HIS COST, TO INCLUDE ALL EQUIPMENT MATERIAL IN ORDER TO COMPLY WITH THE INTENT OF THE DRAWINGS.
- THE CIRCUIT NUMBERS ARE FOR IDENTIFICATION ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTLY PHASING THE CIRCUITS IN PANELS.
- EXISTING CIRCUIT DESIGNATIONS:

- ALL EXISTING CIRCUIT DESIGNATIONS IS BASED ON PREVIOUS PROJECT DOCUMENTATION. THE CONTRACTOR SHALL CONSULT THE ENGINEER IN THE EVENT THAT ACTUAL CONDITIONS DO NOT COINCIDE WITH THE INDICATED RE-DISTRIBUTION OR OTHER USE OF EXISTING CIRCUITS AS HEREIN INDICATED.
- THE TOTAL CONNECTED LOAD FOR ANY GENERAL

- PURPOSE (PROTECTED AT 20A) BRANCH CIRCUIT WHICH IS RE-DISTRIBUTED AS A PART OF THIS PROJECT SHALL NOT EXCEED 13A.
- ANY DEVIATION, AS MAY BE DIRECTED BY THE ENGINEER, FROM THE INDICATED CIRCUIT STRUCTURE SPECIFIED IN THIS DRAWING SET WILL REQUIRE BOTH VERIFICATION BY THE CONTRACTOR THAT THE TOTAL CONNECTED LOAD ON THE ASSOCIATED SUPPLY CONDUCTORS IS WITHIN THE ABOVE SPECIFIED LIMIT AND DOCUMENTATION IN THE PROJECT RECORD (AS-BUILT) DRAWINGS.
- ROUTING FOR FEEDERS, INSTRUMENTATION AND CONTROL CIRCUITS IS NOT SHOWN ON THE PLAN DRAWINGS. IF INDICATED ON THE FLOOR PLANS, THEY EXPRESS THE INTENT OF ROUTING. FINAL LOCATION AND ROUTING SHALL BE SUITED FOR THE CONSTRUCTION OF THE BUILDING AND ESTABLISHED BY THE CONTRACTOR BASED ON THE INSTALLATION CONDITIONS AND SHALL BE VERIFIED IN THE FIELD. ALL FEEDER INFORMATION, CONDUIT TYPES AND INSTALLATION REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS, ELECTRICAL RISER DIAGRAM AND APPROPRIATE PANEL SCHEDULES.
- ANY CUTTING, PATCHING, OR FINISH REPAIR WORK REQUIRED FOR THE ELECTRICAL INSTALLATION IS THE RESPONSIBILITY OF THE CONTRACTOR.
- WHERE MOUNTING HEIGHTS ARE NOT DETAILED OR DIMENSIONS, THE CONTRACTOR SHALL PROVIDE OVERHEAD EQUIPMENT TO PROVIDE MAXIMUM HEADROOM POSSIBLE. CONNECT EQUIPMENT FOR EASE OF DISCONNECTING WITH MINIMUM INTERFERENCE WITH OTHER INSTALLATIONS.
- PROVIDE TEMPORARY POWER AND LIGHTING AS REQUIRED DURING THE ENTIRE DURATION OF DEMOLITION AND CONSTRUCTION UTILIZING THE EXISTING ELECTRICAL SYSTEM AS A SOURCE. THE ELECTRICAL CONTRACTOR SHALL REMOVE ALL TEMPORARY POWER AND LIGHTING UPON THE COMPLETION OF THE PROJECT.
- UNLESS OTHERWISE NOTED, REFER TO ARCHITECTURAL DRAWINGS FOR ELEVATIONS AND RELATIVE POSITIONS OF EQUIPMENT, WALL, CEILING AND FLOOR INFORMATION AND MINOR ARCHITECTURAL DIFFERENCES IN EACH ROOM.
- WHERE CONFLICTS EXIST, PROVIDE IN THE BID PROPOSAL THE MORE COSTLY ALTERNATIVE.

WORK/TRADE COORDINATION

- COORDINATE WORK WITH OTHER TRADES TO AVOID CONFLICT AND TO PROVIDE CORRECTED ROUGH IN AND CONNECTION FOR EQUIPMENT FURNISHED UNDER TRADES THAT REQUIRE ELECTRICAL CONNECTIONS. INFORM CONTRACTORS OF OTHER TRADES OF THE REQUIRED ACCESS TO AND CLEARANCES AROUND ELECTRICAL EQUIPMENT TO MAINTAIN SERVICEABILITY AND CODE COMPLIANCE.
- THE CONTRACTOR SHALL VERIFY THE SIZE AND RATING OF ALL APPROVED MECHANICAL EQUIPMENT PRIOR TO THE INSTALLATION OF FEEDER AND BRANCH CIRCUIT CONDUCTORS AND OVERCURRENT PROTECTION DEVICES.
- AC AND REFRIGERATION EQUIPMENT NAMEPLATE RATING: SHORT CIRCUIT AND GROUND FAULT PROTECTION DEVICE RATING SHALL NOT EXCEED THE MANUFACTURER'S VALUES MARKED ON THE EQUIPMENT.
- SEQUENCE, COORDINATE AND INTEGRATE INSTALLATIONS OF ELECTRICAL MATERIALS AND EQUIPMENT FOR EFFICIENT FLOW OF WORK. GIVE PARTICULAR ATTENTION TO LARGE EQUIPMENT REQUIRING POSITIONING PRIOR TO CLOSING IN THE BUILDING. COORDINATE THE CUTTING AND PATCHING OF BUILDING PARTITIONS TO ACCOMMODATE INSTALLATION OF THE ELECTRICAL EQUIPMENT AND MATERIALS.
- PROVIDE COORDINATION DRAWINGS FOR ALL REQUIRED ACCESS PANEL LOCATIONS IN GYPSUM CEILING TO ARCHITECT/ENGINEER FOR COORDINATION.
- THE CONTRACTOR SHALL COORDINATE WORK WITH THE OTHER TRADES, INCLUDING BUT NOT LIMITED TO, MECHANICAL CLEARANCES AROUND ELECTRICAL EQUIPMENT AND TO ENSURE ACCESS TO EQUIPMENT REQUIRING CALIBRATION OR MAINTENANCE (INCLUDING MOTORS, CONTROLS, INSTRUMENTS, PANELS, LIGHTS, VALVES, FILTERS, AND VAV BOXES). WORKING SPACE AND ACCESS SHALL BE SUFFICIENT FOR AN ADULT TO PERFORM MAINTENANCE SAFELY WITHOUT STRADDLING OR REMOVING OBSTRUCTIONS AND SHALL

CONFORM TO NEC REQUIREMENTS (I.E., 110.26 & 110.34). WORK THAT ENCROACHES ON WORKING SPACE OR THAT IMPEDES MAINTENANCE SHALL BE RELOCATED AT THE CONTRACTOR'S EXPENSE.

INSTALLATION:

- GROUNDING SHALL BE INSTALLED IN ACCORDANCE WITH THE NEC IN ACCORDANCE WITH ELECTRODE, GROUNDING AND BONDING REQUIREMENTS FOR SERVICE, EQUIPMENT AND ENCLOSURES. INSTALL AN INSULATED EQUIPMENT GROUND CONDUCTOR IN EACH RACEWAY OR CONDUIT. SIZE EQUIPMENT GROUND CONDUCTOR IN ACCORDANCE WITH NEC TABLE 250.122. BOND RACEWAYS AND THE FRAMES AND ENCLOSURES OF MOTORS, BREAKERS, SWITCHES, AND OTHER ELECTRICAL EQUIPMENT TO THE BUILDING GROUNDING SYSTEM. PRECAUTION SHALL BE TAKEN TO ENSURE ADEQUATE GROUND CONTINUITY ALONG THE CONDUIT OR RACEWAY.
- PROVIDE A SEPARATE NEUTRAL CONDUCTOR FOR EACH CIRCUIT. IN ALL NEUTRAL CONDUCTORS AND GROUND CONDUCTORS INTO ALL SWITCH BOXES, MULTIPLE CIRCUITS SHALL NOT SHARE A COMMON NEUTRAL. NEUTRAL SHALL BE SIZED AS LARGE AS THE PHASE CONDUCTORS. NEUTRAL CONDUCTORS SHALL NOT BE REDUCED IN SIZE.
- ARRANGE CONNECTIONS FOR SINGLE PHASE CIRCUITS TO ACHIEVE THREE PHASE LOAD BALANCE WITHIN 20% OF THE AVAILABLE PHASE LOAD CURRENT. UNBALANCED PHASE CONDUCTORS USING A COMMON NEUTRAL MUST ORIGINATE FROM DIFFERENT PHASES.
- THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR MAINTAINING PROPER PHASE ROTATION WITH ALL EXISTING THREE (3) PHASE ELECTRIC LOADS.
- OVERCURRENT PROTECTION SHALL BE PROVIDED FOR EACH PHASE ROTATION CHECK PRIOR TO ENERGIZING THE EQUIPMENT. USE KNOPP K-3 OR EQUIVALENT DEVICE WITH RED OR "A" LEAD CONNECTED TO PHASE A, WHITE OR "B" LEAD CONNECTED TO PHASE B, AND BLUE OR "C" LEAD CONNECTED TO PHASE C. NOTE THE PHASE ROTATION AND ANNOTATE TEST DOCUMENTATION WITH DEVICE USED, MANNEER CONNECTED, ROTATION OBSERVED, DATE OF TEST, AND NAME OF CRAFTSMAN. DO NOT ENERGIZE EQUIPMENT UNLESS OBSERVED ROTATION MATCHES THE REQUIREMENTS OF THE EQUIPMENT
- CONTRACTOR SHALL SUPPLY ALL LABOR, POWER CABLES, CONDUIT BOXES, FITTINGS, WIRING MATERIALS, HARDWARE, SUPPORTS, AND MISCELLANEOUS ITEMS FOR A COMPLETE ELECTRICAL INSTALLATION AND CONNECTION OF THE ELECTRICAL WORK REQUIRED, EXCEPT THAT THE PROVISION FOR OWNER SUPPLIED EQUIPMENT SHALL BE ONLY BE COMPLETED TO THE POINT INDICATED ELSEWHERE ON THE DRAWINGS.
- THE CONTRACTOR/INSTALLER SHALL USE A CALIBRATED TORQUE TOOL TO ACHIEVE THE INDICATED TORQUE VALUE WHEN THE TIGHTENING TORQUE NUMERIC VALUES IDENTIFIED ON THE ELECTRICAL EQUIPMENT OR IN THE INSTALLATION INSTRUCTIONS. IN THE ABSENCE OF CONNECTOR OR THE EQUIPMENT MANUFACTURER'S RECOMMENDED TORQUE VALUE, THE TIGHTENING TORQUE SHALL BE USED TO CORRECTLY TIGHTEN SCREW-TYPE CONNECTIONS FOR POWER AND LIGHTING CIRCUITS. INFORMATIVE ANNEX I REPRESENTS THE "RECOMMENDED TIGHTENING TORQUE TABLES FROM UL STANDARD 486A-B."
- ALL CABLES, NOT WITHIN CONDUIT (EX., MC TYPE, FIRE ALARM, PA), ROUTED WITHIN THE CEILING CAVITY MUST BE SECURED USING BRIMS, C-CLIPS, J-HOOKS, OR OTHER APPROPRIATE MEANS. THE CABLE MUST NOT LAY ON DROPPED CEILING PANELS, BE FASTENED TO EXISTING ELECTRICAL CONDUITS, STEAM PIPES, SPRINKLER PIPES, INSULATED PIPES, OR BE ROUTED IN SUCH A FASHION AS TO OBSTRUCT ACCESS HATCHES, DOORS, UTILITY ACCESS PANELS, MECHANICAL SERVICE WORK AREAS, OR WHERE NEW AIR CONDUIT OR ELECTRICAL CONDUIT IS TO BE INSTALLED THROUGH FIRE DOORS, VENTILATING SHAFTS, OR GRATES.
- UNLESS OTHERWISE PROVIDED, MC CABLES SHALL BE SECURED AT INTERVALS NOT EXCEEDING 6'. CABLES CONTAINING FOUR OR FEWER CONDUCTORS SIZED NO LARGER THAN 10 AWG SHALL BE SECURED WITHIN 12" OF EVERY BOX, CABINET, FITTING, OR OTHER CABLE

- TERMINATION.
- TYPE MC CABLE SHALL BE PERMITTED TO BE UNSUPPORTED WHERE THE CABLE: (A) IS FISHED BETWEEN ACCESS POINTS THROUGH CONCEALED SPACES IN FINISHED BUILDINGS OR STRUCTURES AND SUPPORTING IS IMPRACTICAL; OR (B) IS NOT MORE THAN 6' IN LENGTH FROM THE LAST POINT OF CABLE SUPPORT TO THE POINT OF CONNECTION TO LUMINAIRES OR OTHER ELECTRICAL EQUIPMENT AND THE CABLE AND POINT OF CONNECTION ARE WITHIN AN ACCESSIBLE CEILING. TYPE MC CABLE FITTINGS SHALL BE PERMITTED AS A MEANS OF CABLE SUPPORT.
- ALL CABLE TRAYS AND ELECTRICAL CONDUITS SHALL BE INDEPENDENTLY SUPPORTED AND BRACED INDEPENDENTLY OF THE CEILING.
- ALL NEW WIRING IS TO BE RUN CONCEALED WHEREVER POSSIBLE. WHEN NOT ROUTED CONCEALED IN THE CEILING/WALL CAVITIES CONDUCTORS SHALL BE IN A SURFACE MOUNTED METALLIC RACEWAY. IN PUBLIC SPACES, RACEWAY SHALL BE WIREMOLD OR EQUAL. IN UTILITY SPACES, RACEWAY SHALL BE METALLIC CONDUIT (REFER TO "APPLICATION OF RACEWAYS" FOR ADDITIONAL INFORMATION). ANY LOCATIONS THAT DO NOT HAVE ACCESSIBLE OR DROPPED CEILINGS WILL REQUIRE THE USE OF SURFACE MOUNTED METALLIC RACEWAYS OR METALLIC CONDUIT. PROVIDE PULL-BOXES (SIZED PER THE NEC) AND LOCATE IN RUNS AS REQUIRED. NO EXPOSED CABLE MAY BE INSTALLED.
- SURFACE MOUNTED METALLIC RACEWAY SHALL MEET THE FOLLOWING CRITERIA AND CONFORM TO NEC ARTICLE 386:
 - INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS FOR SYSTEM COMPONENTS AND PROVIDE SHOP DRAWINGS, COORDINATE INSTALLATION WITH ADJACENT WORK TO ENSURE PROPER CLEARANCES AND TO PREVENT ELECTRICAL HAZARDS.
 - INSTALL IN ACCORDANCE WITH COMPLETE SYSTEM INSTRUCTION SHEETS.
 - INSTALL ENCLOSURES TO BE MECHANICALLY CONTINUOUS AND CONNECTED TO ALL ELECTRICAL OUTLETS, BOXES, DEVICE MOUNTING BRACKETS, AND CABINETS. IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION SHEETS.
 - INSTALL ENCLOSURES TO BE ELECTRICALLY CONTINUOUS AND BONDED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE FOR PROPER GROUNDING.
 - MECHANICAL SECURITY: RACEWAY SYSTEMS SHALL BE MECHANICALLY CONTINUOUS AND CONNECTED TO ALL ELECTRICAL OUTLETS, BOXES, DEVICE MOUNTING BRACKETS, AND CABINETS. IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION SHEETS.
 - ELECTRICAL SECURITY: METAL RACEWAY SHALL BE MECHANICALLY CONTINUOUS AND BONDED TO THE BUILDING GROUNDING SYSTEM IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE FOR PROPER GROUNDING.
 - RACEWAY SUPPORT: RACEWAY SHALL BE SUPPORTED BY 2-HOLE STRAPS AT INTERVALS NOT EXCEEDING 5 FEET OR IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.
 - ACCESSORIES: PROVIDE ACCESSORIES AS REQUIRED FOR A COMPLETE INSTALLATION, INCLUDING INSULATED BUSHINGS AND INSERTS WHERE REQUIRED BY MANUFACTURER.
 - UNUSED OPENINGS: CLOSE UNUSED RACEWAY OPENINGS USING MANUFACTURER'S RECOMMENDED ACCESSORIES.
 - ALL OPENINGS AND PENETRATIONS SHALL BE SEALED UPON COMPLETION OF THE ELECTRICAL INSTALLATION TO PREVENT THE SPREAD OF SMOKE AND FIRE THROUGH OPENINGS. SEAL AROUND CONDUIT AND RACEWAY PENETRATIONS THROUGH INTERIOR WALLS AND FLOOR SEPARATING AREAS TO RESTORE ORIGINAL FIRE RATING; USE A UL CLASSIFIED FIRE SEALANT. SEAL EXTERIOR WALLS AND FLOOR PENETRATIONS TO MAKE WATERPROOF. REQUEST INSPECTION OF FIRE SEALS BY ELECTRICAL INSPECTOR FROM AUTHORITY HAVING JURISDICTION BEFORE AND AFTER PLACEMENT OF FIRE SEAL MATERIALS. ALL OPENINGS SHALL BE COORDINATED WITH THE OTHER TRADES TO LIMIT INTERFERENCE AND OBSTRUCTION. LIMIT THE USE OF ELECTRICAL METALLIC TUBING (EMT) TO WHERE IT WILL NOT BE SUBJECT TO PHYSICAL DAMAGE OR

- CORROSION. USE INTERMEDIATE METAL CONDUIT (IMC) OR RIGID GALVANIZED STEEL CONDUIT (RGS) WHERE RACEWAYS ARE EMBEDDED IN CONCRETE OR EXPOSED TO PHYSICAL DAMAGE. USE MINIMUM 3/4" CONDUIT EXCEPT AS FOLLOWS: 1/2" CONDUIT MAY BE USED FOR 20 AMP GENERAL LIGHT AND POWER CIRCUITS AND FOR CONTROL CIRCUITS. 3/8" FLEXIBLE METAL CONDUIT MAY BE USED TO CONNECT LIGHT FIXTURES IN SUSPENDED CEILINGS. USE LIQUID TIGHT FLEXIBLE METAL CONDUIT FOR FLEXIBLE CONNECTION TO EQUIPMENT IN MECHANICAL ROOMS OR OUTDOORS.
- WHERE RACEWAYS CONTAIN INSULATED CONDUCTORS 4 AWG AND LARGER THAT ENTER AN ENCLOSURE, THE CONDUCTORS MUST BE PROTECTED FROM ABRASION DURING AND AFTER INSTALLATION BY A FITTING THAT PROVIDES A SMOOTH, ROUNDED INSULATING SURFACE, SUCH AS AN INSULATING BUSHING AS PER NEC 300.4(G).
- INSTALL OUTDOOR EQUIPMENT TO BE WEATHERPROOF (NEMA 3R).
- WIRE INFORMATION:
- ALL WIRING SHALL BE COPPER CONDUCTOR, 600 VOLTS IN EMT RACEWAY WITH APPROVED FITTINGS UNLESS OTHERWISE INDICATED. FEEDER AND BRANCH CIRCUIT WIRING SHALL BE MINIMUM #12 AWG UNLESS OTHERWISE INDICATED. FEEDER AND BRANCH CIRCUIT WIRING LARGER THAN #10 AWG SHALL BE STRANDED CONDUCTOR. #10 AWG AND SMALLER, SHALL BE SOLID CONDUCTOR. CONTROL WIRING SHALL BE #18 AWG THWN. TYPE OF INSULATION AS FOLLOWS UNLESS NOTED OTHERWISE:
 - THHN/THWN INSULATION FOR #4 AWG AND SMALLER
 - THW OR THHN/THWN INSULATION FOR #2 AWG AND LARGER
 - THW USED FOR ALL PANEL FEEDER AND SERVICE CONDUCTORS
 - XHHW-2 INSULATION TYPE SHALL BE USED WHERE CONDUCTORS ARE INSTALLED IN CONDUITS EXPOSED TO THE WEATHER
- USE THE FOLLOWING CONDUCTOR COLOR CODES:

208Y/120V 480Y/277V	PHASE A	BLACK	BROWN
	PHASE B	RED	ORANGE
	PHASE C	BLUE	YELLOW
	NEUTRAL	WHITE	GRAY
	EQUIP. GROUND		GREEN

CIRCUIT BREAKERS:

- USE 600 VAC CIRCUIT BREAKERS IN 480V AND 480Y/277V SWITCHBOARDS, PANELBOARDS AND MOTOR CONTROL CENTERS.
- ALL CIRCUIT BREAKERS SHALL BE MOLDED CASE THERMAL MAGNETIC AND RATED FOR AVAILABLE SHORT CIRCUIT CURRENT.

RECEPTACLES:

- IN ALL AREAS SPECIFIED IN THE NEC, ALL 125-VOLT, 15- AND 20-AMPERE RECEPTACLES SHALL BE LISTED TAMPER-RESISTANT RECEPTACLES.
- LABELING:
- PROVIDE IDENTIFICATION TAGS FOR ALL NEW WIRING AND INSTALL AT EACH END AND IN ALL INTERMEDIATE PULL/JUNCTION BOXES, CABINETS, HOUSINGS, ETC. INDICATE ON TAGS, LEGIBLY MINIMUM 1/2" HIGH LETTERS, THE POINTS OF ORIGIN AND TERMINATION OF EACH CONDUIT AND CONDUIT RUN. LABEL ALL RECEPTABLES AND SWITCH COVERS WITH PANELBOARD AND CIRCUIT NUMBER. FOR INTERIOR EQUIPMENT, USE BROTHOR P-TOUCH 3 LABEL MAKER WITH TC-10 LABEL CARTRIDGE OR EQUAL. FOR EXTERIOR EQUIPMENT, USE ALUMINUM DYMO HALF-INCH TAPE LABEL WITH EMBOSSED LETTERING. ABBREVIATE LETTERS TO PROVIDE NECESSARY INFORMATION WITH MINIMUM LABEL SIZE (I.E., PANELBOARD PP1, CIRCUIT 23 SHOULD READ PP1-23).
- ALL PANELS SHALL HAVE TYPED, COMPLETED DIRECTORIES INDICATING EQUIPMENT SERVED AND ROOM NUMBER (AS INDICATED ON THE FINAL BUILDING SIGNAGE) OF EQUIPMENT LOCATION, OR SPARE, OR SPACE. IDENTIFY THE PURPOSE OF INDIVIDUAL CIRCUIT BREAKERS, SAFETY SWITCHES AND

- MOTOR STARTERS BY MEANS OF NAMEPLATES AS INDICATED. UPDATE DIRECTORIES AS PANELS ARE ALTERED. CIRCUIT CHANGES SHALL BE REFLECTED ON "AS-BUILT" DRAWINGS.
- ALL CIRCUITS AND CIRCUIT MODIFICATIONS MUST BE LEGIBLY IDENTIFIED AS TO THEIR CLEAR, EVIDENT, AND SPECIFIC PURPOSE. THE IDENTIFICATION MUST INCLUDE SUFFICIENT DETAIL TO ALLOW EACH CIRCUIT TO BE DISTINGUISHED FROM ALL OTHERS, AND THE IDENTIFICATION MUST BE ON A CIRCUIT DIRECTORY LOCATED ON THE FACE OR INSIDE OF THE DOOR OF A PANELBOARD. CIRCUIT DIRECTORIES CONTAINING MULTIPLE ENTRIES WITH ONLY "LIGHTS" OR "OUTLETS" DO NOT PROVIDE THE SUFFICIENT DETAIL REQUIRED BY THE NEC.
- LIGHTING:
- IN MECHANICAL AREAS, THE CONTRACTOR SHALL VERIFY LOCATIONS AND MAKE ADJUSTMENTS NECESSARY TO CLEAR OBSTRUCTIONS AND REQUIRED TO SUIT FIELD CONDITIONS.
- "WIRING" TO BATTERY OPERATED EXIT OR EMERGENCY LUMINAIRES OR INVERTERS SHALL BE AS PER THE MANUFACTURER'S INSTRUCTIONS AND IN CONFORMANCE WITH THE UL LISTING OF THE EQUIPMENT. AS PER NEC 700-12(F), CONNECT THE EMERGENCY BATTERY TO THE LINE SIDE, AHEAD OF THE SWITCH OF THE AREA LIGHTING AND CLEARLY IDENTIFY THE CIRCUIT FEEDING THE UNIT AT THE DISTRIBUTION PANEL.
- PROVIDE NEUTRAL FOR ALL LIGHTING CIRCUITS.
- GANG SWITCHES TOGETHER UNDER ONE FACEPLATE.
- FOR INSTALLATION OF LIGHT FIXTURES IN AREAS WITHOUT A CEILING, CONTRACTOR SHALL DETERMINE METHOD OF SUPPORT USING HANGER FITTINGS, THREADED ROD, AND "UNISTRUT" AS APPLICABLE. THESE COSTS SHALL BE INCLUDED TO THE CONTRACTOR.
- LIGHTING CONTROLS FACTORY STARTUP:
 - THE CONTRACTOR, WITH THE ASSISTANCE OF THE LIGHTING CONTROL SYSTEM MANUFACTURER OR REPRESENTATIVE, AND LIGHTING DESIGNER SHALL PROGRAM AND VERIFY THE SYSTEM PERFORMS PER THE MANUFACTURER'S INSTRUCTIONS AND THE LIGHTING DESIGNER'S INTENT. SEQUENCES OF OPERATIONS, PLANS, AND SPECIFICATIONS. THIS INCLUDES PROPERLY LOCATING THE DAYLIGHT SENSOR IN THE ROOM(S), SETTING THE DIMMING CURVES, SETTING OCCUPANCY SENSOR SHUT-OFF DELAYS, SETTING DIMMING LEVELS, AND ADDRESSING ALL OF THE COMPONENTS IN THE LIGHTING CONTROL SYSTEM.
- INSPECTIONS/WARRANTY:
- NO WORK SHALL BE CONCEALED UNTIL AFTER INSPECTION AND APPROVAL BY PROPER AUTHORITIES. IF WORK IS CONCEALED WITHOUT INSPECTION AND APPROVAL, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK REQUIRED TO BOTH OPEN AND RESTORE THE CONCEALED AREAS IN ADDITION TO ANY REQUIRED MODIFICATIONS.
- THE CONTRACTOR SHALL MAKE A FINAL INSPECTION OF ALL ELECTRICAL EQUIPMENT TO ENSURE THAT THERE ARE NO LOOSE ELECTRICAL CONNECTIONS OR ELECTRICAL CIRCUITS SUBJECT TO ELECTRICAL BREAK DOWN DUE TO THE PRESENCE OF FOREIGN MATERIAL. THIS SHALL INCLUDE INSPECTION OF ALL CONNECTIONS MADE UNDER THIS CONTRACT.
- THE CONTRACTOR SHALL CONTRACT WITH AN ELECTRICAL UNDERWRITER TO PROVIDE THIRD-PARTY ELECTRICAL INSPECTION SERVICES (BOTH "ROUGH" AND "FINAL") FOR ISSUANCE OF A "CERTIFICATE OF COMPLETION". ALL FEES AND COSTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL DELIVER CERTIFICATES OF ELECTRICAL AND OTHER INSPECTIONS OR COPIES THEREOF, TO THE CLIENT AT THE COMPLETION OF THE PROJECT WITH COPIES TO THE ENGINEER/ARCHITECT.
- THE CONTRACTOR SHALL GUARANTEE ALL WORK IN WRITING TO THE CLIENT AGAINST ANY AND ALL DEFECTS IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE YEAR, OR AS INDICATED IN THE SPECIFICATION, FROM DATE OF ACCEPTANCE AND PERFORM ALL CORRECTIVE WORK AT NO COST TO THE CLIENT.

Electrical General Demolition Notes

- GENERAL PROJECT INFO:
- THE DEMOLITION DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL INTENT AND SCOPE. PLANS DO NOT ATTEMPT TO SHOW ALL ELECTRICAL DEMOLITION ITEMS. UNLESS OTHERWISE NOTED, THE DEVICES SHOWN ARE FOR INFORMATION PURPOSES. THE CONTRACTOR SHALL FIELD VERIFY ALL DEMOLITION ITEMS AND THE EXTENT OF DEMOLITION WORK. CONDITIONS UNDER WHICH DEMOLITION IS TO BE ACCOMPLISHED, ALONG WITH THE KIND AND AMOUNT OF MATERIAL TO BE REMOVED AND PROVIDE FOR THE REMOVAL OF ALL DEVICES ACCORDINGLY PRIOR TO BID.
 - THE CONTRACTOR SHALL INCLUDE ALL LABOR AND MATERIALS IN THE BASE BID, INCLUDING ALL TEMPORARY CONNECTIONS, CONDUIT, AND WIRE TO ACCOMMODATE CONSTRUCTION AND PROVIDE CONTINUOUS SERVICE TO DEVICES. SYSTEMS THAT ARE TO REMAIN TEMPORARY OR PERMANENT AND REQUIRE THE SHUTTING DOWN OF THE BUILDING POWER SHALL BE PERFORMED DURING OVERTIME AND SHALL BE INCLUDED IN THE BASE BID.
 - THE CONTRACTOR IS RESPONSIBLE FOR THE SEQUENCE OF ALL WORK AND SHALL INCLUDE IN THE BASE BID ALL LABOR AND MATERIALS REQUIRED FOR THE EXTENSIONS, RE-ROUTING AND RELOCATION OF EXISTING SYSTEM COMPONENTS, EQUIPMENT, WIRING, CONDUITS, AND CABLEING TO MAINTAIN THE OPERATION OF ALL SYSTEMS THROUGHOUT THE BUILDING DURING DEMOLITION AND CONSTRUCTION PHASES.
 - THE CONTRACTOR SHALL REPORT TO THE CLIENT ANY AND/OR ALL CONDITIONS THAT MAY INTERFERE WITH OR OTHERWISE AFFECT OR PREVENT THE PROPER EXECUTION AND COMPLETION OF THE WORK OF THIS CONTRACT.
 - THE CONTRACTOR SHALL EXECUTE ALL WORK WITHIN THE REGULATIONS OF THE BUILDING FOR DEMOLITION AND REMOVAL OF DEBRIS. OVERTIME WORK REQUIRED WILL BE AT NO EXTRA COST TO THE CLIENT.
 - ALL EQUIPMENT SHALL BE DISCONNECTED AND REMOVED BACK TO ITS POWER SOURCE OF ORIGIN UNLESS OTHERWISE NOTED ("U.O.N.") BY EXISTING TO REMAIN ("E") OR RELOCATE TO NEW LOCATION ("R"). ALL DISCONNECTED AND REMOVED ITEMS THAT ARE NOT BEING REUSED SHALL BE RETURNED TO THE OWNER OR DISPOSED OFF SITE IN AN APPROVED METHOD.
 - THE CONTRACTOR SHALL ALWAYS PROTECT THE PROPERTY OF THE CLIENT AND THE BUILDING OWNER, INCLUDING BUT NOT LIMITED TO WINDOWS, FINISHES, PUBLIC TOILETS, ELEVATORS, DOORS, BUCKS, ELECTRICAL AND AIR CONDITIONING EQUIPMENT, CONVECTOR ENCLOSURES, ETC.
 - UNLESS NOTED OTHERWISE, ALL THE EXISTING ELECTRICAL EQUIPMENT AND/OR SYSTEMS SHALL BE DEMOLISHED. UNLESS SPECIFICALLY INDICATED ON THIS DRAWING OR NOT, SHALL BE DISCONNECTED AND REMOVED FROM SERVICE. THE OWNER HAS THE FIRST RIGHT OF REFUSAL ON ALL REMOVED ITEMS. ALL ITEMS NOT WANTED BY THE OWNER SHALL BE PROPERLY DISPOSED OFF SITE BY THE CONTRACTOR IN ACCORDANCE WITH THE LAW. CARE SHALL BE TAKEN TO MAINTAIN CIRCUIT CONTINUITY TO ALL EXISTING ELECTRICAL DEVICES TO REMAIN. REFER TO ARCHITECTURAL DRAWINGS FOR THE EXTENT OF DEMOLITION.
 - RELOCATE OR REMOVE ALL ELECTRICAL DEVICES IN ACCORDANCE WITH THE APPLICABLE CODES.
 - DO NOT DISABLE OR DISRUPT BUILDING FIRE OR LIFE SAFETY SYSTEMS WITHOUT WRITTEN PERMISSION FROM THE OWNER. IN ALL CASES, PERMISSION SHALL HAVE BEEN GRANTED NOT LESS THAN TEN (10) WORKING DAYS PRIOR TO THE BEGINNING OF DEMOLITION.
 - BEFORE STARTING WORK, THE ELECTRICAL CONTRACTOR SHALL CHECK ALL EXISTING DEVICES, LIGHT FIXTURES, EQUIPMENT, ETC. THAT ARE NOTED OR

- REQUIRED TO BE REUSED TO SATISFY HIMSELF THAT THEY ARE OPERATING PROPERLY. SHOULD ANY OF THE ITEMS NOT BE OPERATING PROPERLY, THE CONTRACTOR SHALL REPORT SAME TO THE ENGINEER AND AWAIT HIS DIRECTIONS. CONTRACTORS THAT DO NOT COMPLY WITH THE ABOVE WILL BE RESPONSIBLE FOR PROVIDING OPERATIONAL ITEMS AT THEIR EXPENSE.
- THE CONTRACTOR SHALL FIELD INVESTIGATE THE EXISTING ELECTRICAL & LOW VOLTAGE SYSTEMS INSTALLATIONS. ALL EXISTING INSTALLATIONS IN THE RENOVATION AREAS THAT ARE TO REMAIN BUT ARE NOT CURRENTLY IN COMPLIANCE WITH CURRENT CODES SHALL BE CORRECTED, INCLUDING BUT NOT LIMITED TO THE FOLLOWING: UN-SUPPORTED WIRE, CONDUIT AND JUNCTION BOXES LAYING ON TOP OF CEILING TILES, WIRE, CONDUIT AND JUNCTION BOXES SUPPORTED ONLY BY THE WIRE. RAISE AND SUPPORT CONDUIT WITH STRAP PER SPECS. RAISE AND SUPPORT WIRE WITH BRIDLE RINGS, J-HOOKS, OR OTHER APPROPRIATE DEVICES. PROVIDE NEW CONDUIT/WIRE AS REQUIRED. FIXTURES IMPROPERLY SUPPORTED OR INADEQUATELY SUPPORTED BY DEVICE BOXES - PROVIDE PROPER SUPPORT PER N.E.C.

WORK/TRADE COORDINATION:

- THE ELECTRICAL CONTRACTOR SHALL COORDINATE THE MECHANICAL EQUIPMENT DEMOLITION WITH THE MECHANICAL CONTRACTOR AND MECHANICAL DEMOLITION PLANS AND GENERAL CONSTRUCTION DEMOLITION WITH THE GENERAL CONTRACTOR AND ARCHITECTURAL DEMOLITION PLANS FOR ALL EQUIPMENT TO BE DEMOLISHED AND SCHEDULE TIME FOR ELECTRICAL DEMOLITION.
- THE CONTRACTOR SHALL REMOVE ALL ELECTRICAL EQUIPMENT LEFT AFTER WALL DEMOLITION, INCLUDING CONDUIT, SWITCH BOXES, PLATES, BRIDGES, OR ANY OTHER TELEPHONE OR ELECTRIC WIRING FROM THE PLENUM. DISCONNECT ALL WIRING AT PANELS AND REMOVE OLD EQUIPMENT FROM THE PLENUM.
- TEMPORARILY RELOCATE ELECTRICAL EQUIPMENT AS REQUIRED TO ACCOMMODATE THE CONSTRUCTION SCHEDULE. ALL AREAS NOT UNDER CONSTRUCTION MUST BE KEPT OPERATIONAL DURING CONSTRUCTION. TO ACCOMPLISH THIS, PROVIDE THE NECESSARY TEMPORARY ELECTRICAL SERVICES. REMOVE TEMPORARY DEVICES UPON COMPLETION OF THE PROJECT.
- AS PART OF THE BASE BID, THE ELECTRICAL CONTRACTOR SHALL PROVIDE TEMPORARY ELECTRIC POWER REQUIRED FOR CONSTRUCTION ACTIVITIES OF ALL RENOVATION AREAS. ALL TEMPORARY BRANCH CIRCUITS SHALL BE SUPPLIED BY CIRCUITS PROTECTED BY GROUND FAULT CIRCUIT BREAKERS. ALL TEMPORARY BRANCH CIRCUITS SHALL BE IN ACCORDANCE WITH NEC ARTICLE 590.
 - THE AE WILL REVIEW COMPLAINTS CONCERNING POWER DISTRIBUTION OR DEVICES AVAILABLE IN A SPECIFIC AREA OR AREAS OF THE PROJECT. IF DIRECTED BY THE AE, THE CONTRACTOR SHALL PROVIDE ADDITIONAL POWER DISTRIBUTION OR CONNECTION DEVICES REQUIRED UNDER THIS SECTION AT NO ADDITIONAL COST.
- AS PART OF THE BASE BID, THE ELECTRICAL CONTRACTOR SHALL PROVIDE TEMPORARY LIGHTING WITH LOCAL SWITCH FOR GENERAL ILLUMINATION AND TASK ILLUMINATION FOR THE GENERAL CONTRACTOR, OTHER PRIME CONTRACTORS, AND FOR ALL SUB-CONTRACTORS FOR THE DURATION OF THE PROJECT. TEMPORARY LIGHTING LEVELS PROVIDED ARE TO BE IN COMPLIANCE WITH APPLICABLE WORKPLACE STANDARDS. ALL TEMPORARY LIGHTING SHALL BE SUPPLIED BY CIRCUITS PROTECTED BY GROUND FAULT CIRCUIT BREAKERS.

- ALL TEMPORARY LIGHTING SHALL BE IN ACCORDANCE WITH NEC ARTICLE 590.
 - THE AE WILL REVIEW COMPLAINTS CONCERNING LIGHTING LEVELS AND/OR LIGHTING QUALITY IN A SPECIFIC AREA OR AREAS OF THE PROJECT. IF DIRECTED BY THE AE, THE CONTRACTOR SHALL PROVIDE ADDITIONAL LUMINAIRES AND/OR ADDITIONAL DISTRIBUTION WIRING REQUIRED AT NO ADDITIONAL COST.
- AT THE CONCLUSION OF THE CONSTRUCTION ACTIVITIES REMOVE ALL WIRING, BOTH ABOVE AND BELOW CEILING, USED FOR TEMPORARY LIGHTING AND POWER DISTRIBUTION.

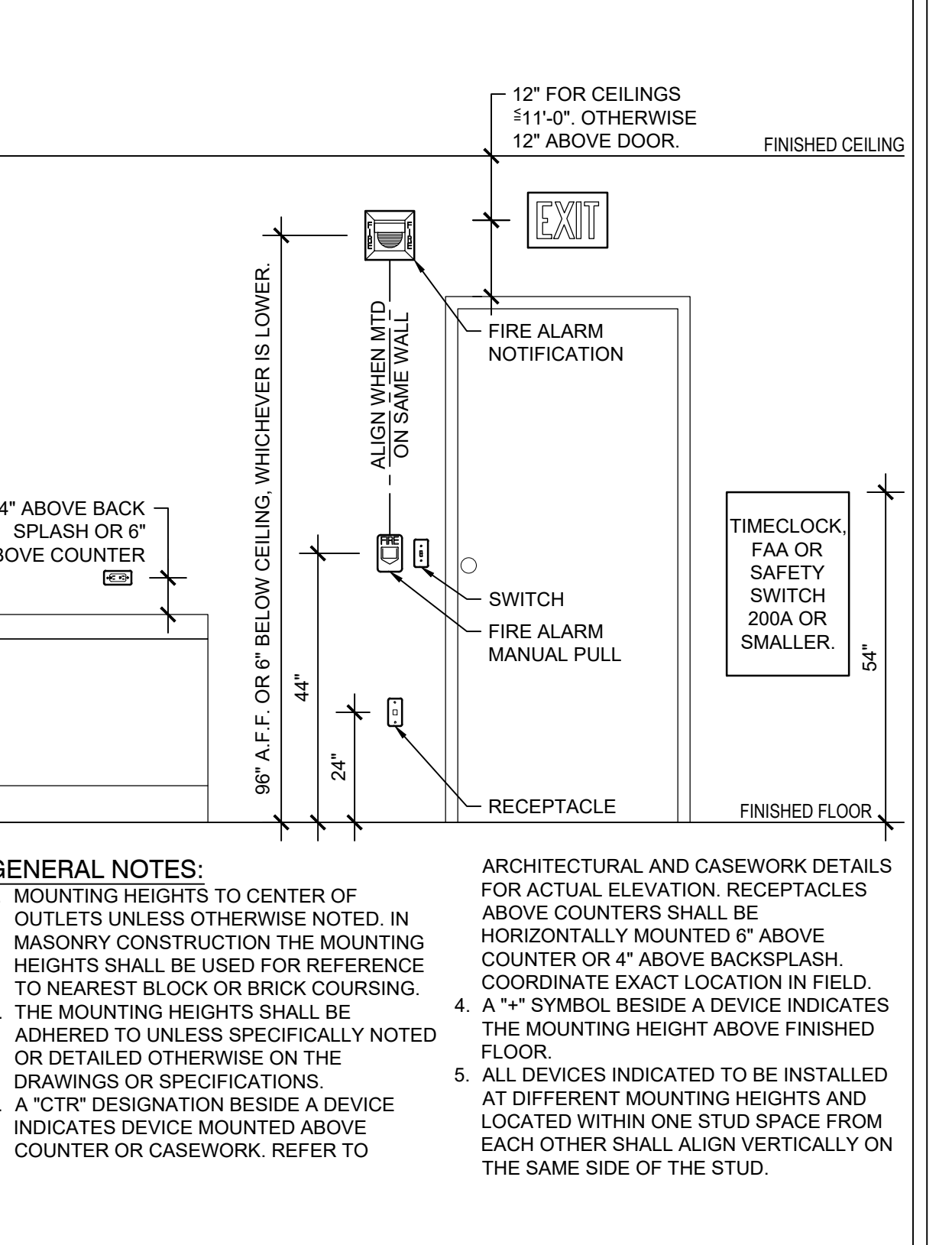
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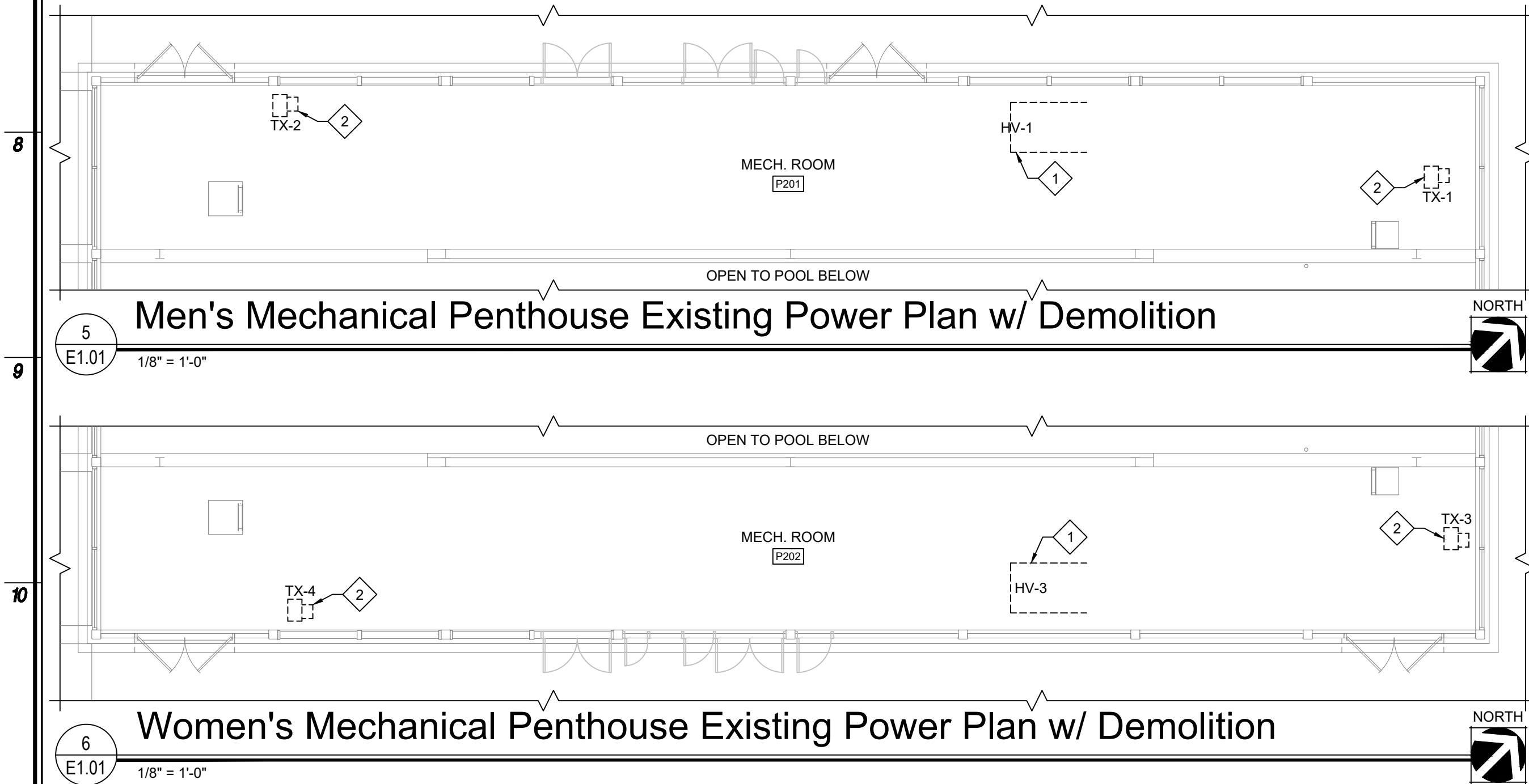
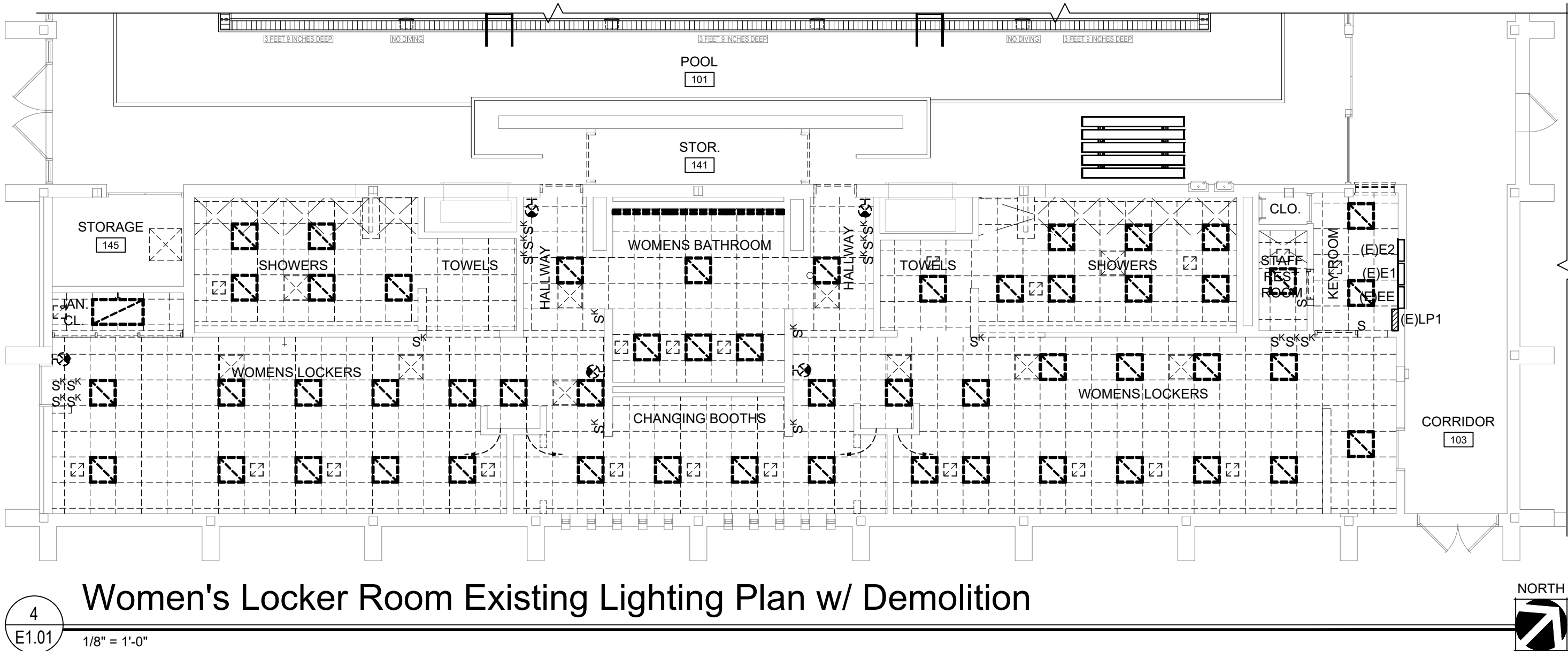
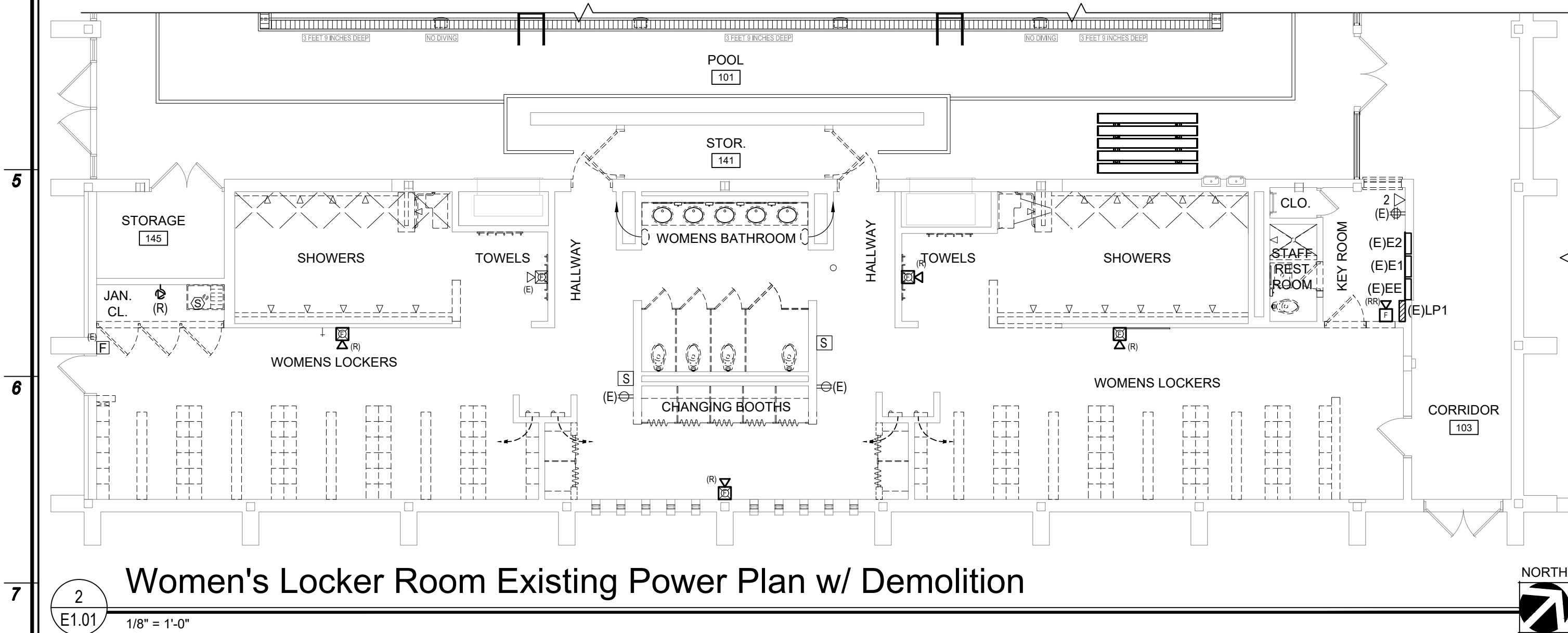
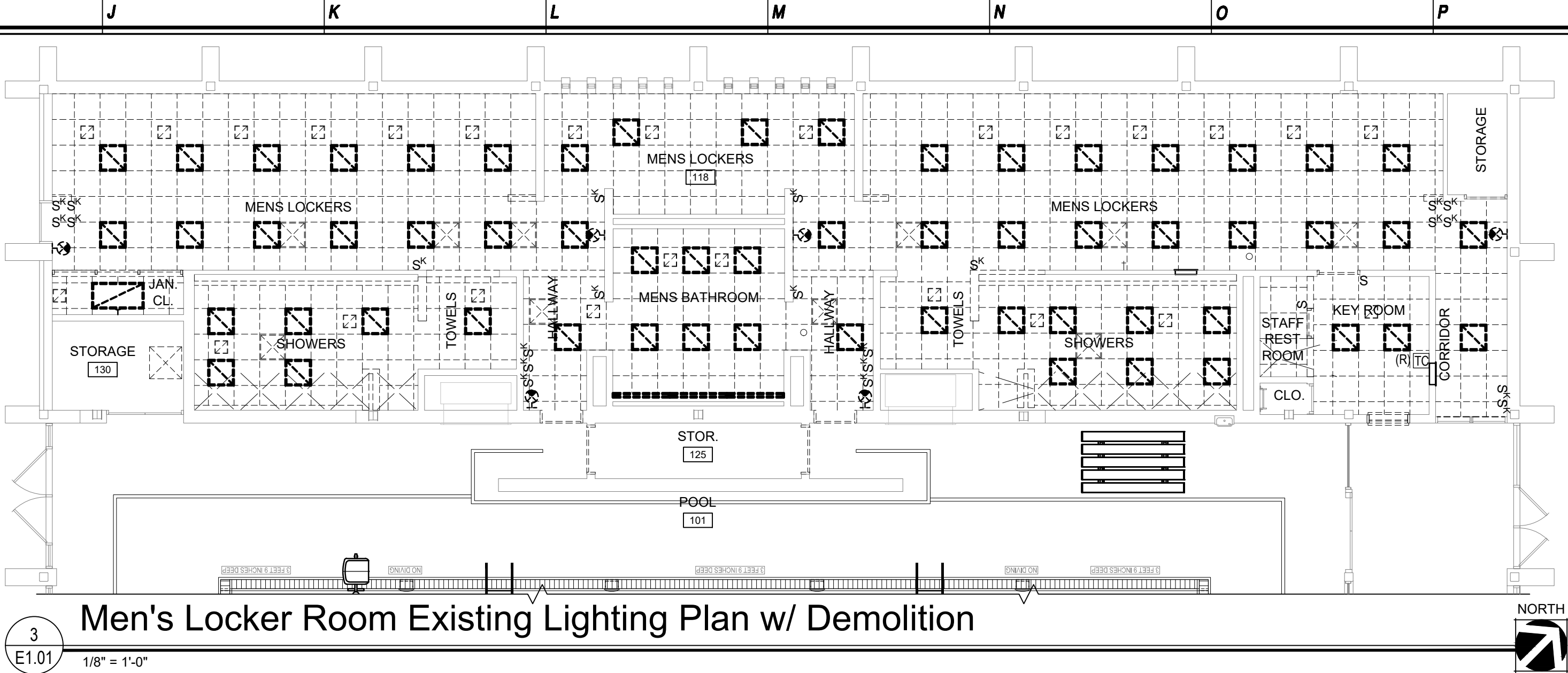
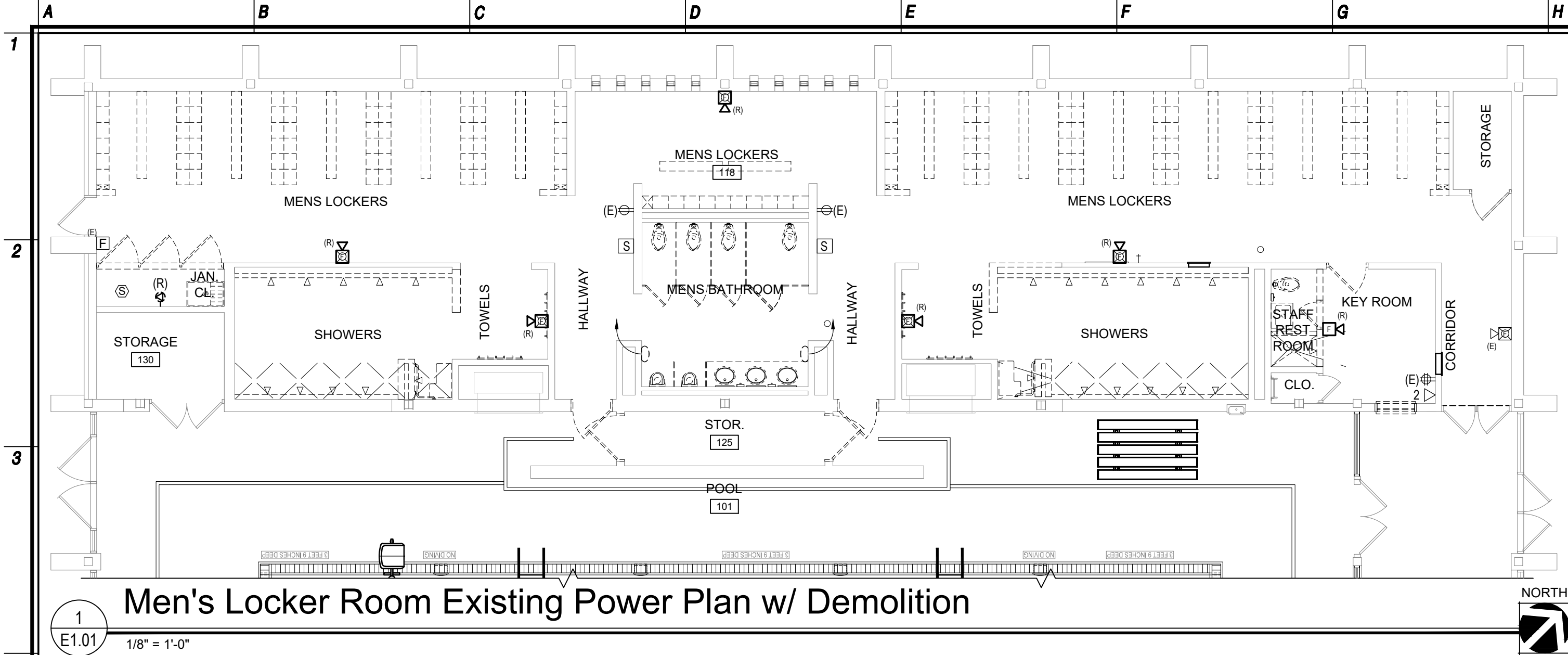
- RACEWAYS ASSOCIATED WITH ELECTRICAL BEING DEMOLISHED, WHICH ARE CONCEALED IN EXISTING REMAINING WALLS MAY BE ABANDONED IN PLACE. REMOVE ALL WIRING AND/OR EQUIPMENT FROM THE CONDUITS.
- RACEWAYS ASSOCIATED WITH ELECTRICAL BEING DEMOLISHED WHICH ARE EXPOSED SHALL BE REMOVED.
- WHERE REMOVAL OF EQUIPMENT OR WIRING IS INDICATED, IT SHALL INCLUDE ALL ASSOCIATED WIRING BACK TO THE LAST ACTIVE REMAINING OUTLET, DEVICE, FIXTURE, OR PANEL.
- NO REMOVED EQUIPMENT OR MATERIAL SHALL BE REUSED AS PART OF NEW WORK. U.O.N.
- EXISTING REMAINING CONCEALED RACEWAYS MAY BE REUSED FOR NEW WORK PROVIDED PROVIDED THEY MEET ALL REQUIREMENTS OF THE SPECIFICATION FOR NEW WORK.
- COORDINATE WITH THE OWNER PRIOR TO THE START OF DEMOLITION TO MINIMIZE POWER INTERRUPTIONS. WORK MAY HAVE TO OCCUR DURING NON-REGULAR BUSINESS HOURS. COORDINATE IN WRITING WITH THE OWNER ONE WEEK BEFORE THE PLANNED POWER INTERRUPTION.
- THE ELECTRICAL CONTRACTOR SHALL ENSURE THAT ALL REMAINING ACTIVE CIRCUITS, DEVICES, OUTLETS, LIGHT FIXTURES, ETC. HAVE NOT BEEN DISCONNECTED OR MADE INOPERATIVE DURING DEMOLITION. THE ELECTRICAL CONTRACTOR SHALL RESTORE ALL INTERRUPTED OR DISCONNECTED CIRCUITS TO OPERATION.
- REMOVE ABANDONED ELECTRICAL EQUIPMENT, DEVICES AND WIRING (I.E., DISTRIBUTION EQUIPMENT, RECEPTABLES, DATA PORTS, RACEWAY SYSTEMS) BACK TO THE SOURCE PANELBOARD, SWITCHBOARD, SWITCHGEAR, COMMUNICATIONS CLOSET, OR CABINET. ABANDONED WIRING AND RACEWAYS CAN RESULT FROM ACTIONS THAT INCLUDE THE FOLLOWING:
 - EQUIPMENT OR DEVICES ARE REMOVED OR RELOCATED.
 - FIXTURES ARE REMOVED OR RELOCATED.
 - SYSTEM IS NO LONGER USED.
 - THERE IS NO DEMONSTRABLE NEAR TERM FUTURE USE FOR THE EXISTING CIRCUIT OR RACEWAY SYSTEM.
- UNUSED ELECTRICAL EQUIPMENT AND MATERIAL SHOULD ONLY BE LEFT IN PLACE IF ONE OR MORE OF THE FOLLOWING CONDITIONS EXIST:
 - REMOVAL OF THE EQUIPMENT OR MATERIAL IS NOT FEASIBLE.
 - EQUIPMENT THAT IS STILL IN USE. AN EXAMPLE IS CONDUIT EMBEDDED IN WALLS OR DUCTBANKS.
 - THE COST OF REMOVAL IS EXCESSIVE DUE TO HAZARDS, CONSTRUCTION METHODS, OR RESTRICTED ACCESS. THE ENGINEER SHALL MAKE A FINAL DETERMINATION FOR THIS CONDITION.
- IF EITHER OF THE ABOVE TWO CASES EXIST, REMOVE THE CONDUITS, INCLUDING THOSE ABOVE ACCESSIBLE CEILINGS, TO THE POINT THAT BUILDING CONSTRUCTION, EARTH, OR PAVING COVERS THEM. CUT CONDUIT

- BENEATH OR FLUSH WITH BUILDING CONSTRUCTION OR PAVING. PLUG, CAP, OR SEAL THE REMAINING UNUSED CONDUITS. INSTALL BLANK COVERS FOR ABANDONED BOXES AND ENCLOSURES NOT REMOVED.
- INVENTORY EACH PANELBOARD WHERE CIRCUITS ARE INDICATED TO BE REUSED. SEQUENTIALLY CONSOLIDATE EXISTING CIRCUITS WITHIN EACH PANELBOARD WITH REGARD TO AREA SERVED. MAXIMIZE CAPACITY FOR SERVICE TO THE PROJECT AREA BY INCLUDING EXISTING SPARES WITH THE DEMOLITION OF CIRCUIT BREAKERS. CIRCUITS THAT SHALL NOT BE REUSED SHALL BE REMOVED. PREPARE A CURRENT DIRECTORY, POST DEMOLITION, FOR EACH PANELBOARD AS THE BASE UPON WHICH THE FINAL DIRECTORIES WILL BE COMPILED.
- EXTENSION/CONTINUITY:
- REMOVED SHALL INCLUDE WIRING, RACEWAY, BOXES, SWITCHES, LIGHT FIXTURES, ETC. AS INDICATED ON THE PLANS AND AS REQUIRED BY THESE DEMOLITION NOTES.
- EXTEND EXISTING EQUIPMENT CONNECTIONS USING MATERIALS AND METHODS COMPATIBLE WITH THE EXISTING ELECTRICAL INSTALLATION AND IDENTIFIED IN THE ELECTRICAL SPECIFICATIONS.
- WHEN RELOCATION OR REMOVAL OF AN ELECTRICAL DEVICE INTERRUPTS THE CONTINUITY OF A DOWNSTREAM CIRCUIT OR DEVICE TO REMAIN, REROUTE/MODIFY THE CIRCUIT AS REQUIRED TO MAINTAIN CIRCUIT CONTINUITY. PROVIDE NEW JUNCTION BOXES, PULLBOXS, RACEWAYS, WIRING, ETC. AS REQUIRED.
- WHEN CIRCUITS ARE INTERRUPTED BY THE REMOVAL OF A PANELBOARD, THE ELECTRICAL CONTRACTOR SHALL PROVIDE THE NEAREST AVAILABLE PANELBOARD OF SAME VOLTAGE REQUIREMENTS WITH AVAILABLE SPACE. FURNISH AND INSTALL NEW CIRCUIT BREAKERS OR UTILIZE SPARE CIRCUIT BREAKERS AS REQUIRED.
- WHERE AN EXISTING DEVICE IS REMOVED BUT THE RACEWAY AND BOX REMAINS FOR CIRCUIT CONTINUITY, PROVIDE AN APPROPRIATE BLANK COVER PLATE OF MATERIAL AND FINISH TO MATCH THE COVER PLATES OF THE DEVICES IN THAT ROOM.
- IF THE CONTINUITY OF THE NEUTRAL CONDUCTOR OF A MULTIWIRE CIRCUIT IS INTERRUPTED (OPEN), THE RESULTANT OVER OR UNDER VOLTAGE CAN CAUSE A FIRE AND/OR DESTRUCTION OF ELECTRICAL EQUIPMENT. CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PRECLUDE THE INTERRUPTION OF NEUTRAL CONDUCTOR ON A MULTIWIRE CIRCUIT.
- WHEN REMOVING AREAS, DEMOLITION WORK SHALL NOT AFFECT AREAS NOT INCLUDED IN DEMOLITION. CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTINUITY OF ALL SERVICES IN NON-DEMOLITION AREAS. ALL SERVICES SHALL BE MAINTAINED AT ALL TIMES. MAINTAIN SERVICE BY EXTENDING, RE-ROUTING AND/OR RECONNECTING ANY CIRCUITS AFFECTED BY DEMOLITION. PROVIDE ADDITIONAL CONDUIT/WIRE AS REQUIRED TO MAINTAIN SERVICE. CIRCUITS IN NON-DEMOLITION AREAS THAT ARE CONNECTED TO DEMOLISHED PANELS AND/OR CIRCUITS SHALL BE RE-CIRCUITED TO THE EXISTING PANELS. PROVIDE TEMPORARY POWER AS REQUIRED DURING CHANGE-OVER TO MAINTAIN CONTINUOUS SERVICE. PROVIDE TEMPORARY POWER FOR ALL RELOCATED CIRCUITS AS REQUIRED TO MAINTAIN CONTINUOUS SERVICE.
- WHERE EXISTING RECEPTABLES, SWITCHES, LOW VOLTAGE EQUIPMENT, ETC. ARE TO REMAIN, BUT ARE INDICATED WITH NEW CIRCUITY PERFORM THE FOLLOWING:
 - REMOVE EXISTING CIRCUITY. PROVIDE ADDITIONAL CONDUIT, WIRING,

- ETC., NECESSARY TO MAINTAIN CIRCUIT CONTINUITY TO EXISTING DEVICES ON THE SAME CIRCUIT THAT ARE NOT TO BE RECIRCUITED.
- PROVIDE NEW WIRING DEVICE AND FACEPLATE.
- RE-CIRCUIT DEVICES AS INDICATED.
- WHERE EXISTING RECEPTABLES, SWITCHES, LOW VOLTAGE EQUIPMENT, ETC. BUT ARE NOT INDICATED WITH NEW CIRCUITY PERFORM THE FOLLOWING:
 - PROVIDE NEW WIRING DEVICE AND FACEPLATE TO MATCH THE REQUIREMENTS OF THE NEW DEVICES.
- PATCHING/REPAIRING:
- RESTORE THE ORIGINAL FIRE RATING OF FLOORS, WALLS, AND CEILINGS AFTER ELECTRICAL DEMOLITION USING A UL CLASSIFIED FIRE SEALANT.
- EXCEPT FOR AREAS WHERE PARTITIONS OR CEILINGS ARE TO BE DEMOLISHED, ALL EXISTING PARTITIONS, WALLS, OR CEILINGS ARE TO BE INSTALLED, CONTRACTOR SHALL REPLACE TO THE EXISTING CONDITION IN AREA OF DISTURBED CEILING. ANY WATER DAMAGED OR BROKEN CEILING TILES AS THE RESULT OF CONTRACTOR'S DEMOLITION SHALL ALSO BE REPLACED.
- UPON COMPLETION OF THE DEMOLITION WORK, THE CONTRACTOR SHALL PROVIDE THAT ALL AREAS BE LEFT BROOM CLEAN.
- FURNISH AND INSTALL KNOCKOUT PLUGS ON ALL EXISTING PANELS, EQUIPMENT, AND OUTLET BOX OPENINGS CREATED BY THE REMOVAL OR RELOCATION OF EXISTING RACEWAYS.
- WHERE AN EXISTING ELECTRICAL DEVICE, EQUIPMENT, ETC., IS BEING REMOVED FROM AN EXISTING WALL AND THAT WALL IS TO REMAIN, CONTRACTOR SHALL PATCH EXISTING WALL TO ARCHITECTS SATISFACTION.
- HAZARDOUS MATERIAL DISPOSAL:
- DISCONNECT AND REMOVE ALL BALLASTS FROM FLUORESCENT LIGHT FIXTURES THAT DO NOT HAVE A LABELS STATING "BALLAST DOES NOT CONTAIN PCB'S" OR SIMILAR LABEL (BALLAST MAY CONTAIN PCB'S). PLACE PCB BALLASTS IN D.O.T. APPROVED CONTAINERS. PROPERLY DISPOSE OF THE DEVICES IN THAT ROOM.
- DISPOSAL SHALL INVOLVE SEGREGATION OF COMPONENTS FOR RECYCLING AND INCINERATION OF PCB CONTENTS. ALL DISPOSAL DOCUMENTATION SHALL BE PROVIDED TO THE OWNER UPON COMPLETION OF THE PROJECT. CONTRACTOR SHALL MAINTAIN AN OWNER APPROVED LOG SHEET FOR EACH RUN.
- REMOVE ALL MERCURY-CONTAINING LAMPS. DO NOT BREAK OR CRUSH. RETAIN SERVICES OF A STATE APPROVED LAMP RECYCLING FACILITY ABLE TO ACCEPT WASTE D009. COORDINATE PACKAGING REQUIRED AND PACKAGE, SECURE, AND DELIVER LAMPS AS REQUIRED BY THE SELECTED RECYCLING FACILITY TO INSURE MINIMUM LAMP BREAKAGE. MINIMUM OF 95% OF LAMP MATERIAL MUST BE SHIPPED INTACT. CONTRACTOR MUST COMPLY WITH ALL RECYCLING AND PAPERWORK REQUIREMENTS OF STATE LAWS REGARDING SUCH HANDLING, TRANSPORTATION, AND DISPOSAL OF HAZARDOUS WASTE INCLUDING BUT NOT LIMITED TO FILING THE REQUIRED PAPERWORK AND MANIFEST WITH THE STATE AND OWNERS AS REQUIRED BY LAW. ALL DISPOSAL DOCUMENTATION SHALL BE PROVIDED TO THE OWNER UPON COMPLETION OF THE PROJECT.
- REMOVE ALL SEALED LEAD-ACID BATTERIES FROM THE SITE. RETURN TO THE CONTRACTOR OR TO A LICENSED BATTERY RECYCLING FACILITY OR TO A QUALIFIED PROCESSING FACILITY FOR PROPER DISPOSAL. OBTAIN A RECEIPT FOR SUBMISSION WITH THE CLOSE OUT DOCUMENTS.

Device Mounting Heights

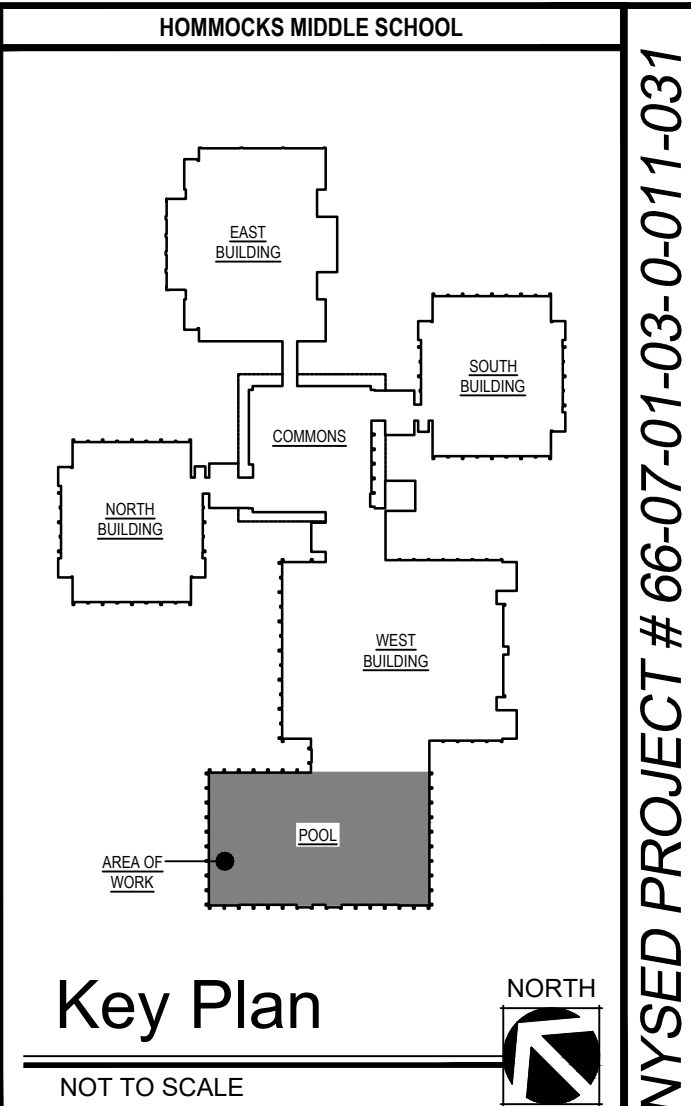




Existing/Demolition Symbol Legend	
SYMBOL	DESCRIPTION
S ^x S	LIGHT SWITCH - EXISTING LIGHT SWITCH TO BE REMOVED.
(E) F	FIRE ALARM MANUAL PULL STATION - EXISTING MANUAL PULL STATION TO REMAIN. COORDINATE REMOVAL & REINSTALLATION TO ALLOW FOR THE WALL TO BE RESURFACED. PROTECT DURING CONSTRUCTION.
(S)	FIRE ALARM SMOKE DETECTOR - EXISTING SMOKE DETECTOR TO REMAIN. REMOVAL & REINSTALL AT NEW CEILING LEVEL. PROTECT DURING CONSTRUCTION.
(X) S	EXIT SIGN - EXISTING EXIT SIGN TO BE REMOVED
(R) (S) (F)	FIRE ALARM NOTIFICATION DEVICE - EXISTING FIRE ALARM NOTIFICATION DEVICE TO BE RELOCATED. EXTEND CONDUCTORS TO THE NEW LOCATION INDICATED ON THE PROPOSED PLAN.
(E) (S) (F)	FIRE ALARM NOTIFICATION DEVICE - EXISTING FIRE ALARM NOTIFICATION DEVICE TO REMAIN. COORDINATE REMOVAL & REINSTALLATION TO ALLOW FOR THE WALL TO BE RESURFACED. PROTECT DURING CONSTRUCTION.
(S)	PA SPEAKER - EXISTING PA SPEAKER TO REMAIN. COORDINATE REMOVAL & REINSTALLATION TO ALLOW FOR THE WALL TO BE RESURFACED. PROTECT DURING CONSTRUCTION.
(E) (F)	RECEPTACLE - EXISTING DUPLEX OR DOUBLE DUPLEX RECEPTACLE BACKBOX & CIRCUIT TO REMAIN. NEW RECEPTACLE AND DEEP COVER PLATE TO BE INSTALLED. COORDINATE DEPTH OF NEW COVER PLATE TO ACCOUNT FOR NEW WALL THICKNESS. COORDINATE REMOVAL & REINSTALLATION TO ALLOW FOR THE WALL TO BE RESURFACED. PROTECT DURING CONSTRUCTION.
(R) (F)	RECEPTACLE - EXISTING 208V RECEPTACLE TO BE RELOCATED. EXTEND CONDUCTORS TO THE NEW LOCATION INDICATED ON THE PROPOSED PLAN.
2 (F)	DATA PORT - EXISTING DATA PORT TO REMAIN. PROVIDE NEW DEEP COVER PLATE TO ACCOUNT FOR NEW WALL THICKNESS. COORDINATE REMOVAL & REINSTALLATION TO ALLOW FOR THE WALL TO BE RESURFACED. PROTECT DURING CONSTRUCTION.
(E) (PANEL)	208Y/120V FLUSH MOUNTED PANELBOARD - EXISTING PANEL TO REMAIN. PROTECT DURING CONSTRUCTION.
(E) (PANEL)	480Y/277V SURFACE MOUNTED PANELBOARD - EXISTING PANEL TO REMAIN. PROTECT DURING CONSTRUCTION.
(H)	HOMERUN - CIRCUITING TO BE REUSED FOR NEW EQUIPMENT. REFER TO PROPOSED PLAN.
(H) (F)	HOMERUN - CIRCUITING/BOX TO BE REMOVED. REMOVE CONDUCTORS BACK TO THEIR SOURCE.
(R) (T)	LIGHTING TIMECLOCK - EXISTING TIMECLOCK TO BE RELOCATED. EXTEND CONDUCTORS TO THE NEW LOCATION INDICATED ON THE PROPOSED PLAN.

Demo. Elec. Key Notes	
1.	EXISTING MECHANICAL EQUIPMENT BEING REMOVED. REMOVE DISCONNECT SWITCH, CONDUCTORS, CONDUIT, AND BREAKER.
2.	EXISTING MECHANICAL EQUIPMENT BEING REMOVED. REMOVE DISCONNECT SWITCH, EXISTING CONDUCTORS, CONDUIT, AND BREAKER TO BE REUSED.

GENERAL NOTE:
TO ALLOW FOR THE NEW WALL SURFACE TO BE INSTALLED, ALL ELECTRICAL DEVICES THAT ARE TO REMAIN SHALL BE TEMPORARILY REMOVED/ SUPPORTED AND REINSTALLED AT THE NEW SURFACE. ADJUST BACK BOXES, COVER PLATES, AND CONDUCTORS AS REQUIRED.



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Checked TW
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THOMAS WIGHARD, P.E.
PROFESSIONAL ENGINEER
License No. NY 090385 | EXP. 10/31/26

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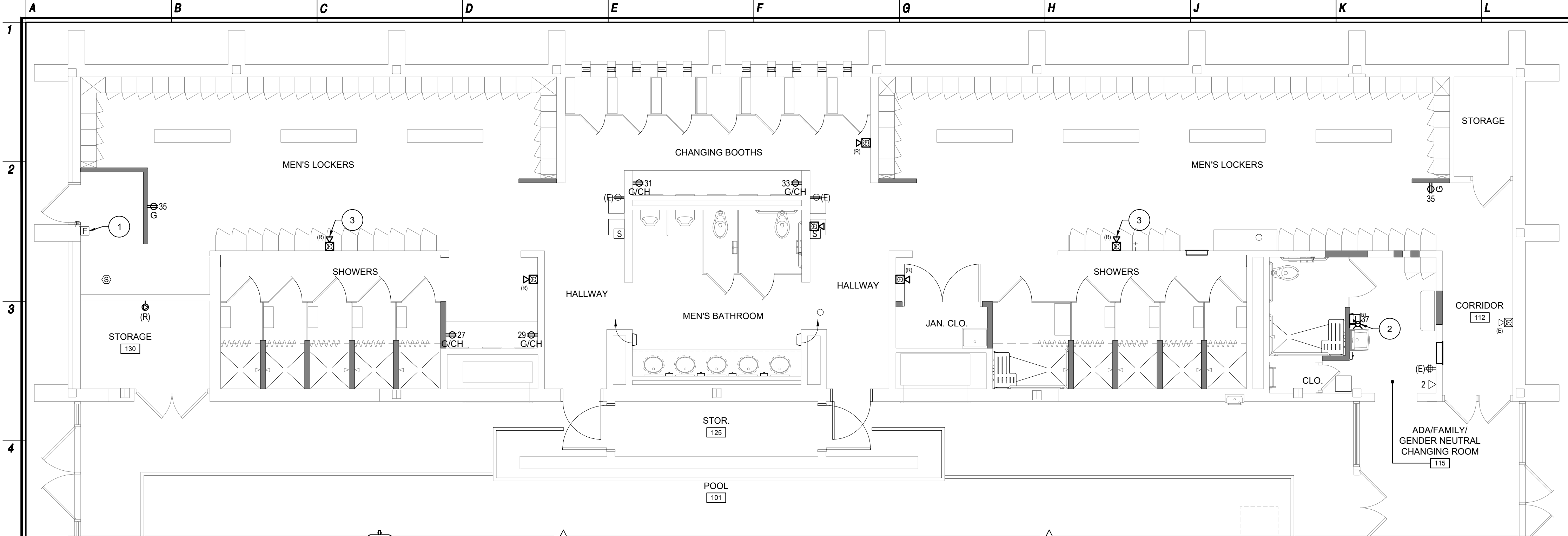
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Job No. 4.1092.87
File No. 4109287E101

E1.01

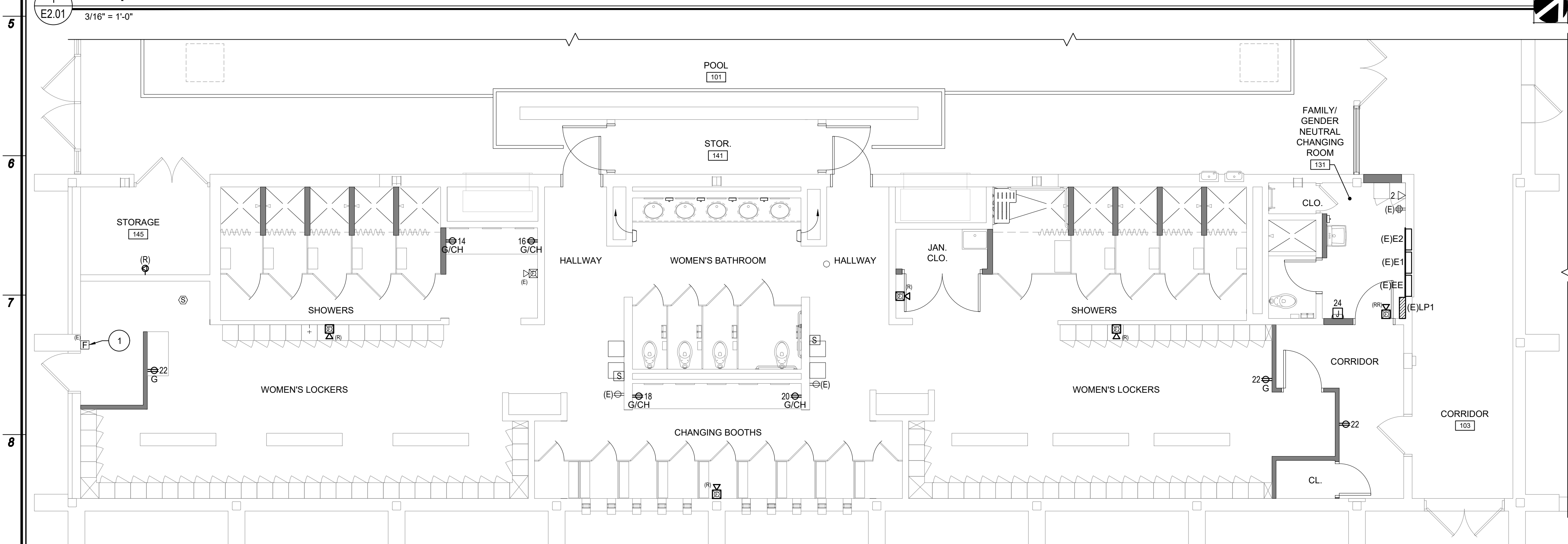
NYSED PROJECT # 66-07-01-03-0-011-031

ELECTRICAL DEMOLITION PLANS
POOL LOCKER ROOM RENOVATIONS AT
HOMMOCKS MIDDLE SCHOOL
130 HOMMOCKS ROAD
LARCHMONT, NY 10538



1
E2.01
3/16" = 1'-0"

Proposed Men's Locker Room Power Plan



2
E2.01
3/16" = 1'-0"

Proposed Women's Locker Room Power Plan

PANEL SCHEDULE - PANEL (E)E2

FED FROM (E)PP2A 208Y/120V

CT#	Load Description	Type	OCPD Poles	Rated	Current	Conductors	Ground	Raceway	Voltage
1	EXISTING LOAD	STD	1	20A		EXISTING TO REMAIN			120
2	EXISTING LOAD	STD	1	20A		EXISTING TO REMAIN			120
3	EXISTING LOAD	STD	1	20A		EXISTING TO REMAIN			120
4	EXISTING LOAD	STD	1	20A		EXISTING TO REMAIN			120
5	EXISTING LOAD	STD	1	20A		EXISTING TO REMAIN			120
6	EXISTING LOAD	STD	1	20A		EXISTING TO REMAIN			120
7	EXISTING LOAD	STD	1	20A		EXISTING TO REMAIN			120
8	EXISTING LOAD	STD	1	20A		EXISTING TO REMAIN			120
9	EXISTING LOAD	STD	1	20A		EXISTING TO REMAIN			120
10	EXISTING LOAD	STD	1	20A		EXISTING TO REMAIN			120
11/13	EXISTING LOAD	STD	2	20A		EXISTING TO REMAIN			208
12	EXISTING LOAD	STD	1	20A		EXISTING TO REMAIN			120
14	WOMEN'S SHOWER CTR RECEPT.	STD	1	20	(1) 12 ga.	(1) 12 ga.	(1) 12 ga.	3/4" EMT	120
15	EXISTING LOAD	STD	1	20A		EXISTING TO REMAIN			120
16	WOMEN'S SHOWER CTR RECEPT.	STD	1	20	(1) 12 ga.	(1) 12 ga.	(1) 12 ga.	3/4" EMT	120
17	EXISTING LOAD	STD	1	20A		EXISTING TO REMAIN			120
18	WOMEN'S CHANGING CTR RECEPT.	STD	1	20	(1) 12 ga.	(1) 12 ga.	(1) 12 ga.	3/4" EMT	120
19	EXISTING LOAD	STD	1	20A		EXISTING TO REMAIN			120
20	WOMEN'S CHANGING CTR RECEPT.	STD	1	20	(1) 12 ga.	(1) 12 ga.	(1) 12 ga.	3/4" EMT	120
21	EXISTING LOAD	STD	1	20A		EXISTING TO REMAIN			120
22	WOMEN'S LOCKER RECEPT.	STD	1	20	(1) 12 ga.	(1) 12 ga.	(1) 12 ga.	3/4" EMT	120
23	EXISTING LOAD	STD	1	20A		EXISTING TO REMAIN			120
24	CHANGING 313 DRYER	STD	1	20	(1) 12 ga.	(1) 12 ga.	(1) 12 ga.	3/4" EMT	120
25	EXISTING LOAD	STD	1	20A		EXISTING TO REMAIN			120
26	BLANK								
27	MEN'S SHOWER CTR RECEPT.	STD	1	20	(1) 12 ga.	(1) 12 ga.	(1) 12 ga.	3/4" EMT	120
28	BLANK								
29	MEN'S SHOWER CTR RECEPT.	STD	1	20	(1) 12 ga.	(1) 12 ga.	(1) 12 ga.	3/4" EMT	120
30	BLANK								
31	MEN'S CHANGING CTR RECEPT.	STD	1	20	(1) 12 ga.	(1) 12 ga.	(1) 12 ga.	3/4" EMT	120
32	BLANK								
33	MEN'S CHANGING CTR RECEPT.	STD	1	20	(1) 12 ga.	(1) 12 ga.	(1) 12 ga.	3/4" EMT	120
34	BLANK								
35	MEN'S LOCKER RECEPT.	STD	1	20	(1) 12 ga.	(1) 12 ga.	(1) 12 ga.	3/4" EMT	120
36	BLANK								
37	CHANGING 115 DRYER	STD	1	20	(1) 12 ga.	(1) 12 ga.	(1) 12 ga.	3/4" EMT	120
38	BLANK								
39	BLANK								
40	BLANK								
41	BLANK								
42	BLANK								
Total New Circuits			14						

Voltage: 120 / 208
Circuits: 33 / 42
Neutral Buss: Yes
Ground Buss: Yes
Buss Capacity:
NEMA Type 1

Main Connection: breaker
Load kW: 14
OCPD Size: 225A
OCPD Type: Std
Location:
Remarks:

LIGHT ITALICIZED TEXT INDICATES EXISTING TO REMAIN.
BOLD TEXT INDICATES NEW WORK.

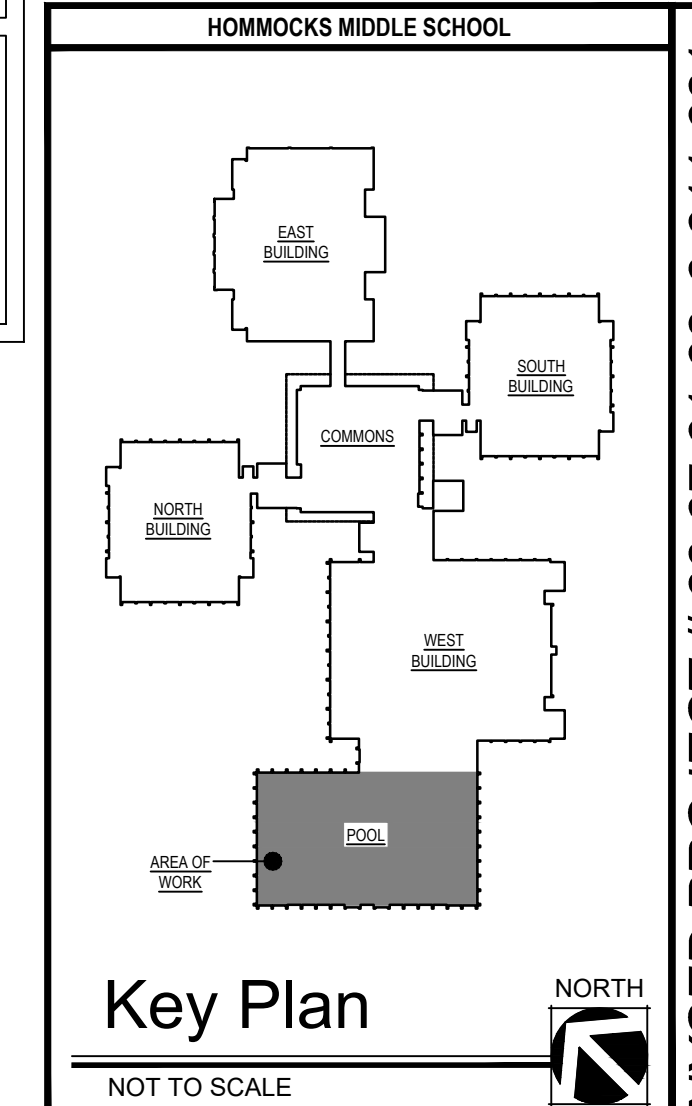
Proposed Symbol Legend

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
(E)PANEL	208Y/120V FLUSH MOUNTED PANELBOARD - EXISTING PANEL TO REMAIN. PROTECT DURING CONSTRUCTION.	(R)IT	LIGHTING TIMECLOCK - EXISTING TIMECLOCK TO BE RELOCATED. EXTEND CONDUCTORS TO THE NEW LOCATION INDICATED.
(E)PANEL	480Y/277V SURFACE MOUNTED PANELBOARD - EXISTING PANEL TO REMAIN. PROTECT DURING CONSTRUCTION.	2	DATA PORT - EXISTING DATA PORT TO REMAIN. PROVIDE NEW DEEP COVER PLATE TO ACCOUNT FOR NEW WALL THICKNESS. PROTECT DURING CONSTRUCTION.
—	HOMERUN - EXISTING CIRCUITING TO BE REUSED FOR NEW EQUIPMENT. EXTEND CONDUCTORS AS REQUIRED.	(E)	FIRE ALARM MANUAL PULL STATION - EXISTING MANUAL PULL STATION TO REMAIN. PROTECT DURING CONSTRUCTION. EXTEND TO NEW WALL SURFACE AS REQUIRED.
—	HOMERUN - NEW HOMERUN TO CIRCUIT INDICATED. REFER TO PANEL SCHEDULE FOR ADDITIONAL INFORMATION.	(S)	FIRE ALARM SMOKE DETECTOR - EXISTING SMOKE DETECTOR TO REMAIN. PROTECT DURING CONSTRUCTION.
#	DUPLEX RECEPTACLE (WALL) - WALL MOUNTED 20A, 120V RECEPTACLE TO CIRCUIT INDICATED.	(R)IT	FIRE ALARM NOTIFICATION DEVICE - EXISTING FIRE ALARM NOTIFICATION DEVICE TO BE RELOCATED. EXTEND CONDUCTORS TO THE NEW LOCATION INDICATED ON THE PROPOSED PLAN.
CH	COUNTER HEIGHT - RECEPTACLE TO BE MOUNTED AT COUNTER HEIGHT. REFER TO ARCH. DWGS FOR ADDITIONAL INFORMATION.	(R)IT	FIRE ALARM NOTIFICATION DEVICE - EXISTING FIRE ALARM NOTIFICATION DEVICE TO REMAIN. PROTECT DURING CONSTRUCTION.
G	GROUND FAULT CURRENT INTERRUPTER RATED	(S)	PA SPEAKER - EXISTING PA SPEAKER TO REMAIN. PROTECT DURING CONSTRUCTION.
(R)	SPECIAL RECEPTACLE - EXISTING RELOCATED 208V RECEPTACLE. EXTEND CONDUCTORS TO THE NEW LOCATION.	(R)IT	FIRE ALARM NOTIFICATION DEVICE - EXISTING FIRE ALARM NOTIFICATION DEVICE TO REMAIN. PROTECT DURING CONSTRUCTION.
#	JUNCTION/PULL BOX - CONNECT TO CIRCUIT NUMBER INDICATED. CONTRACTOR SHALL SIZE AS PER NEC REQUIREMENTS UNLESS THE SIZE IS INDICATED ON THE PLAN.	(R)IT	FIRE ALARM NOTIFICATION DEVICE - EXISTING FIRE ALARM HORN TO BE RELOCATED AND REPLACED WITH A NEW HORN/STROBE. EXTEND CONDUCTORS TO THE NEW LOCATION INDICATED ON THE PROPOSED PLAN. NEW DEVICE SHALL BE UL CROSS LISTED FOR USE WITH THE EXISTING SYSTEM.
(E) (E)	RECEPTACLE - EXISTING DUPLEX OR DOUBLE DUPLEX RECEPTACLE BACKBOX & CIRCUIT TO REMAIN. NEW GFCI RECEPTACLE AND DEEP COVER PLATE TO BE INSTALLED. COORDINATE DEPTH OF NEW COVER PLATE TO ACCOUNT FOR NEW WALL THICKNESS. PROTECT DURING CONSTRUCTION.		

Prop. Elec. Key Notes

1. PROVIDE AND INSTALL AN STI STOPPER (I) (OR EQUAL) ARMED LEXAN COVER OVER THE EXISTING PULL STATION.
2. REPLACE EXISTING FA HORN WITH A NEW STROBE.
3. RELOCATE DEVICE TO BE 6" BELOW CEILING. CONTRACTOR SHALL RELOCATE BOX, WIREMOLD, CONDUCTORS, ETC. AS REQUIRED.
4. CONNECT NEW HAND DRYER TO EXISTING CIRCUIT. MODIFY BACKBOX & EXTEND CONDUCTORS AS REQUIRED.

ALL CIRCUIT NUMBERS ON THIS DRAWING REFER TO 208/120V PANEL (E)E2 UNLESS NOTED OTHERWISE.



Key Plan

NOT TO SCALE

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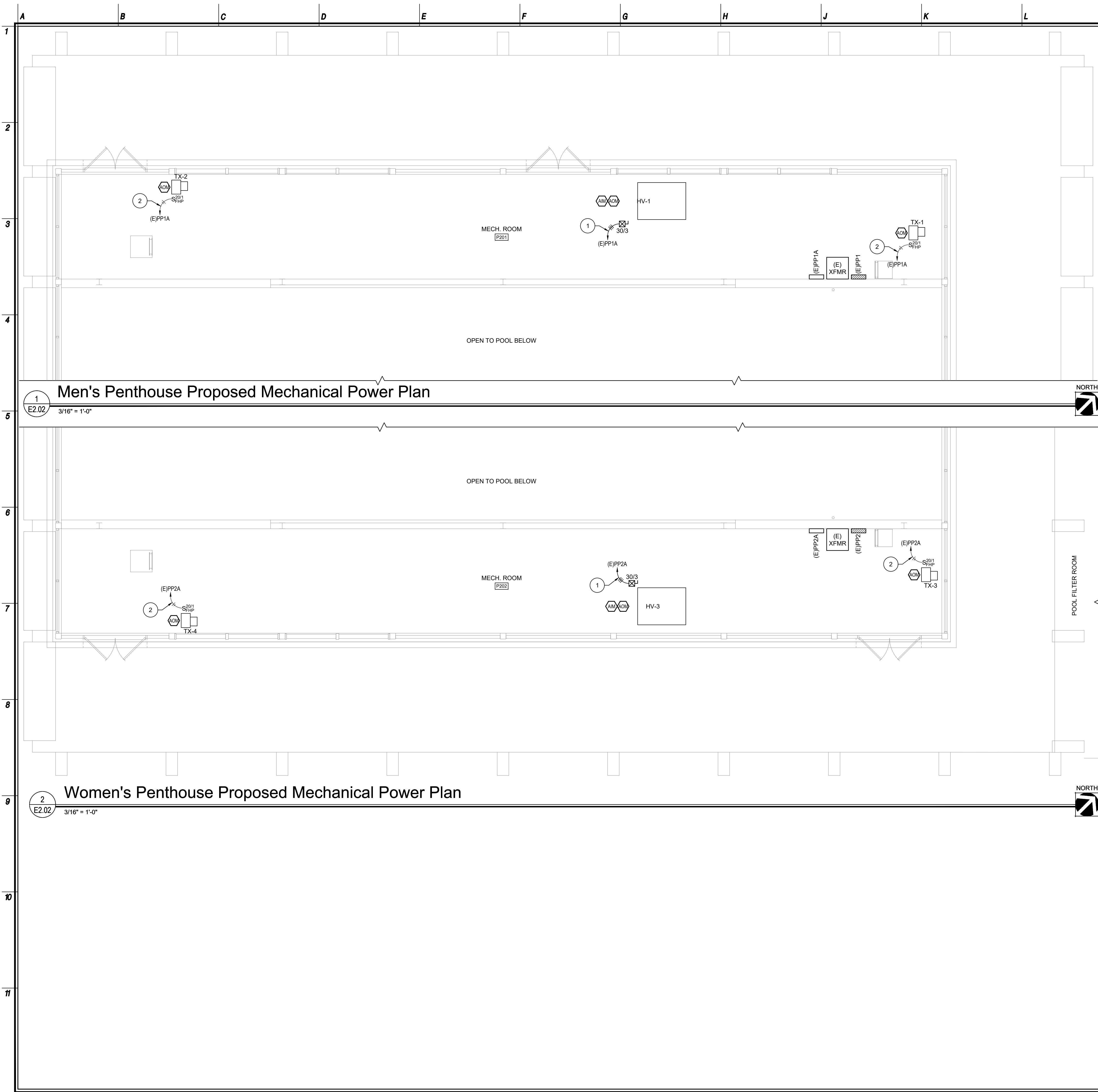
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






ELECTRICAL PROPOSED PLAN
POOL LOCKER ROOM RENOVATIONS AT
HOMMOCKS MIDDLE SCHOOL
130 HOMMOCKS ROAD
LARCHMONT, NY 10538

Job No. 4.1092.87
File No. 4109287E201

E2.01

NYSED PROJECT # 66-07-01-03-0-011-031



Electrical Symbol Legend			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	DISCONNECT SWITCH, NON-FUSIBLE/		HOMERUN - EXISTING CIRCUITING TO BE REUSED FOR NEW EQUIPMENT. REFER TO PROPOSED PLAN.
	MOTOR STARTER COMBO -		208Y/120V SURFACE MOUNTED PANELBOARD -
	WITH OVERLOAD PROTECTION AND AUTO/OFF/HAND SELECTOR SWITCH OR START/STOP CONTROL STATION AS NOTED. SWITCH RATED AS INDICATED ON THE DRAWINGS, (EG. 30/3 INDICATES 30A SWITCH, 3 POLE). IF NO RATING IS INDICATED, INSTALL A CODE SIZED SWITCH. INSTALL IN A NEMA-1 ENCLOSURE UNLESS NOTED OTHERWISE. STARTER TYPE SHALL BE SELECTED AS DIRECTED IN MECH. DRAWINGS. STARTER & OVERLOAD SIZES SHALL BE SELECTED ACCORDING TO MOTOR HP RATING.		480Y/277V SURFACE MOUNTED PANELBOARD -
			EXISTING PANEL TO REMAIN. PROTECT DURING CONSTRUCTION.
			HOMERUN - HOMERUN TO PANEL INDICATED.
			CONDUCTOR INDICATOR - FULL HASHES INDICATE
			UNDGROUNDED "HOT" CIRCUIT CONDUCTORS. HALF
			HASHES INDICATE GROUNDED NEUTRAL CONDUCTORS.
			ALL CIRCUITS CONTAIN A GROUND CONDUCTOR.
			- (1) HOT, (1) NEUTRAL (eg., 120 OR 277, 1Ø)
			- (3) HOT, (0) NEUTRAL (eg., 208 OR 480, 3Ø)
			FIRE ALARM ADDRESSABLE INPUT MONITOR - MONITOR
			UNIT'S DUCT DETECTOR. MC PROVIDES DUCT DETECTOR,
			EC RESPONSIBLE TO INSTALL.
			FIRE ALARM ADDRESSABLE OUTPUT MONITOR - TO
			CONTROL SYSTEM INDICATED. EC TO CONNECT FAN TO
			FIRE ALARM SYSTEM TO SHUT-DOWN UPON OUTPUT OF
			A FIRE ALARM INITIATING DEVICE.

Prop. Elec. Key Notes	
1. 3/4"C W/ (3) #10 & (1) #10 GND TO NEW 30A, 3P BREAKER. EXISTING 20A, 1P BREAKER. EXTEND CONDUCTORS & RACEWAY TO NEW FRACTIONAL HP SWITCH AS REQUIRED.	2. REUSE EXISTING 3/4"C W/ (2) #12 & (1) #12 GND AND EXISTING 20A, 1P BREAKER. EXTEND CONDUCTORS & RACEWAY TO NEW FRACTIONAL HP SWITCH AS REQUIRED.

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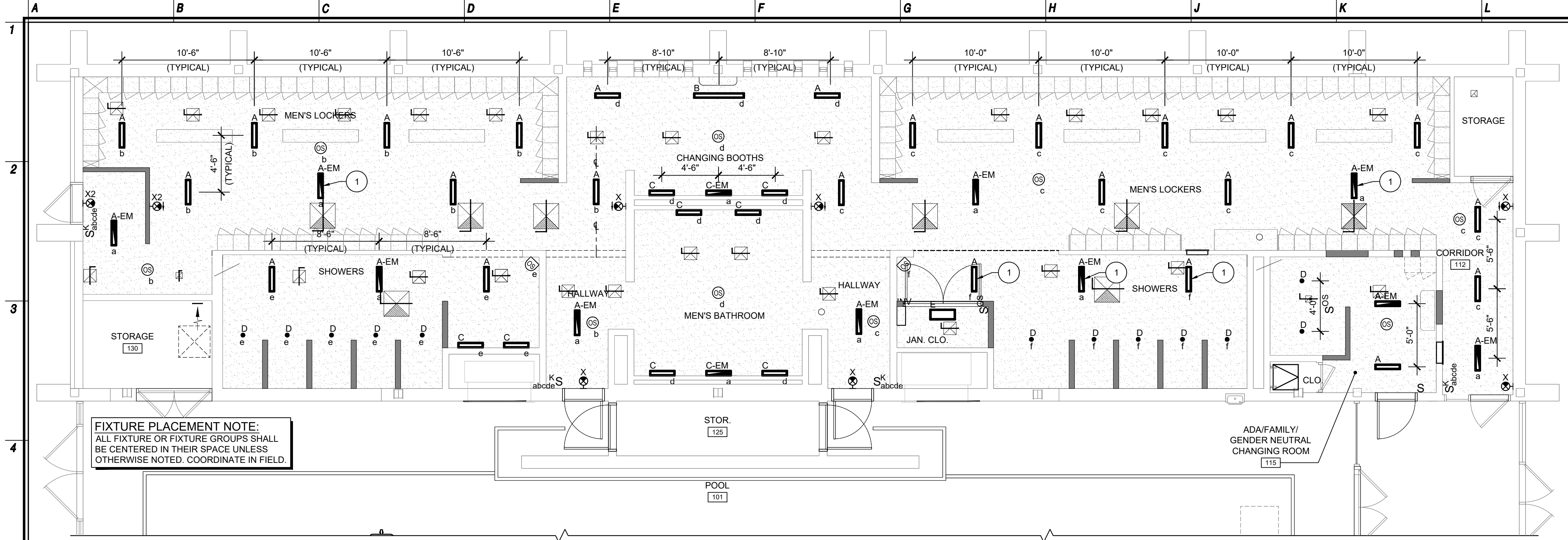
Job No. 4.1092.87
File No. 4109287E202
E2.02

NYSED PROJECT # 66-07-01-03-0-011-031

ELECTRICAL PROP. PLAN - PENTHOUSE
POOL LOCKER ROOM RENOVATIONS AT
HOMMOCKS MIDDLE SCHOOL
130 HOMMOCKS ROAD
LARCHMONT, NY 10538

Key Plan
NOT TO SCALE

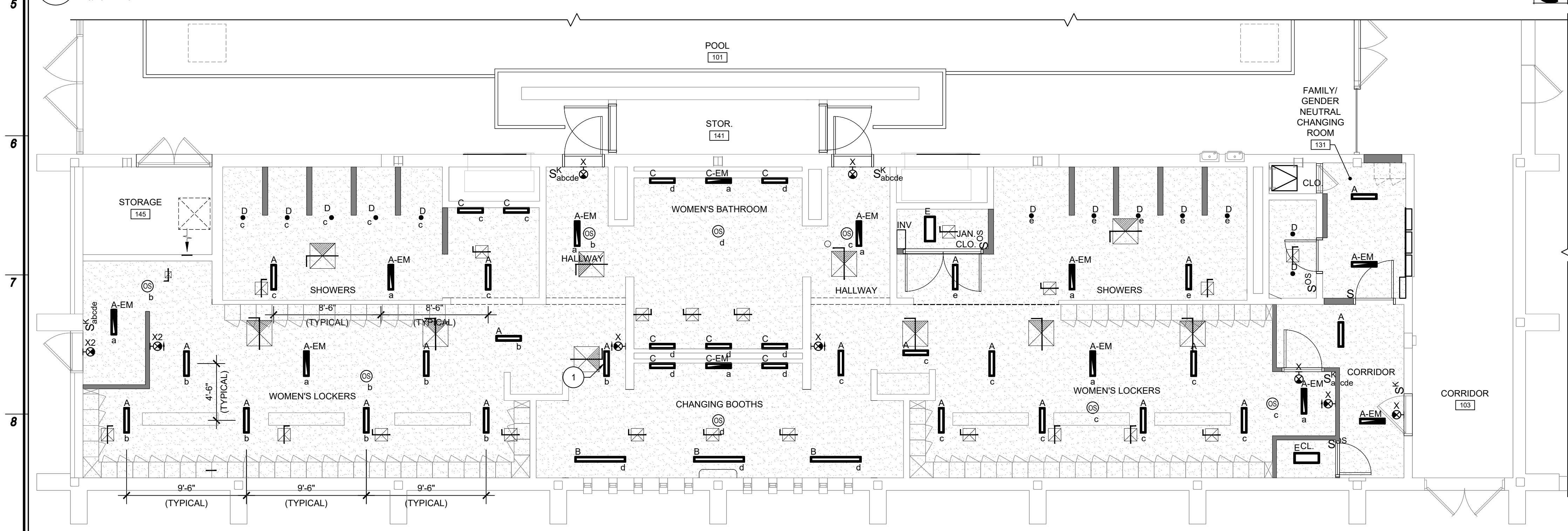
HOMMOCKS MIDDLE SCHOOL
EAST BUILDING
NORTH BUILDING
COMMONS
SOUTH BUILDING
WEST BUILDING
POOL
AREA OF WORK



Men's Locker Room Lighting Plan

1
E5.01

3/16" = 1'-0"



Women's Locker Room Lighting Plan

2
E5.01

3/16" = 1'-0"

Light Fixture Schedule

SYMBOL	TYPE	MANUF.	MODEL	DESCRIPTION	VOLT	WATT	MOUNTING	HEIGHT	LUMENS	LPW	CLR	KEY NOTES
	A	CURRENT/KIM LIGHTING	PVNT-2-2-25-40K8-NDM-UNVDO-COLOR-10YRW-R56	"PREVENT LINEAR" VANDAL RESISTANT, HIGH ABUSE 2' LINEAR	UNIV	25	CEILING SURFACE	N/A	3813	153	4000K, 80CRI	1,2
	B	CURRENT/KIM LIGHTING	PVNT-4-4-55-40K8-NDM-UNVDO-COLOR-10YRW-R56	"PREVENT LINEAR" VANDAL RESISTANT, HIGH ABUSE 4' LINEAR	UNIV	55	CEILING SURFACE	N/A	7668	139	4000K, 80CRI	1,2
	C	CURRENT/KIM LIGHTING	PVNT-2-2-25-40K8-NDM-UNVDO-COLOR-10YRW-R56	"PREVENT LINEAR" VANDAL RESISTANT, HIGH ABUSE 2' LINEAR WITH CORNER MOUNT	UNIV	25	CEILING CORNER	N/A	3813	153	4000K, 80CRI	1,2
	D	CURRENT/PRESCOLITE	LTR-3RD-H-SL10L-DM1-LTR-3RD-SHSL40K8-WTGLMM-R56	"1.5" 3RD/SHY 3" ROUND NON-CONDUCTIVE SHOWER DOWNLIGHT	UNIV	12	CEILING RECESSED	N/A	4125	344	4000K, 80CRI	3
	X	CURRENT/DUAL-LITE	SESRIWE1-R56	"SE SERIES" DIE CAST ALUMINUM EXIT SIGN	UNIV	4	WALL SURFACE	REFER TO DETAIL	N/A			3
	X2	CURRENT/DUAL-LITE	SESRIWE1W42-R56	"SE SERIES" DIE CAST ALUMINUM EXIT SIGN - "EMERGENCY EXIT ONLY"	UNIV	4	WALL SURFACE	REFER TO DETAIL	N/A			3

Key Notes
1. "COLOR" INDICATES FIXTURE COLOR FROM MANUFACTURER'S STANDARD COLORS. COLOR TO BE SELECTED DURING THE SUBMITTAL PHASE.
2. "10YRW" INDICATES A 10 YEAR, FULL REPLACEMENT WARRANTY ON THE LENS.
3. CONNECT BATTER TO LINE SIDE OF AREA LIGHTING CONTROLS.

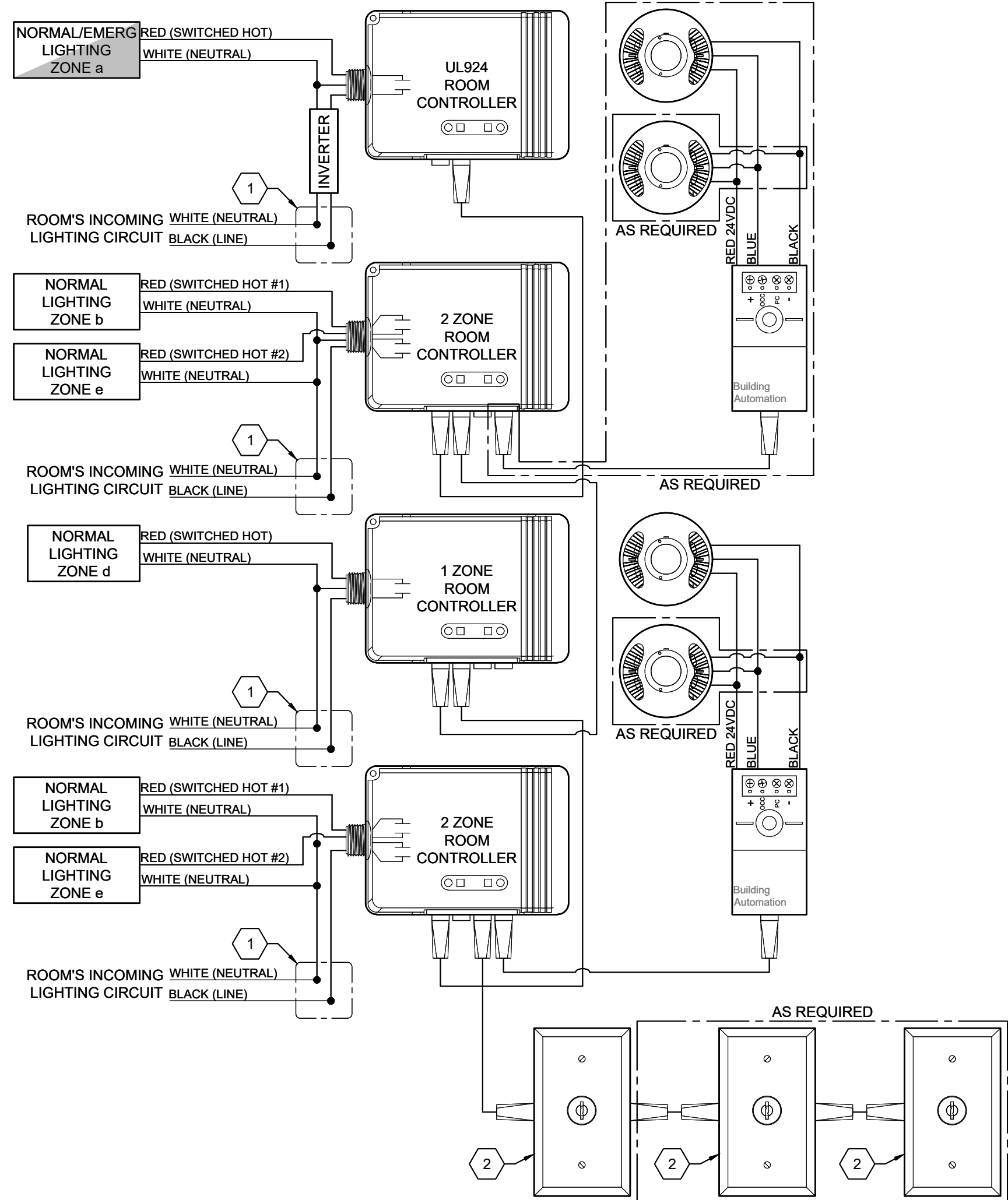
Proposed Symbol Legend

SYMBOL	DESCRIPTION
	SURFACE MOUNTED CEILING LUMINAIRE - CONFIRM FIXTURE TRIM WITH CEILING TYPE IN THE FIELD. DESIGNATIONS (TYPICAL ALL FIXTURES): "A" - INDICATES LUMINAIRE DESIGNATION, REFER TO LIGHT FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION. "3" - INDICATES BRANCH CIRCUIT "OS" - INDICATES SWITCHING
	EMERGENCY LIGHTING - HATCHING INDICATES LIGHTING WITH 90 MIN EMERGENCY BACKUP. (POWERED BY BATTERY, INVERTER, OR GENERATOR). EMERGENCY LUMINAIRES WILL BE DESIGNATED WITH AN "EM" IN THEIR TYPE DESIGNATION.
	WALL & CEILING MOUNTED SINGLE FACED EXIT SIGN - SHADED SIDE INDICATES FACE SIDE. PROVIDE DIRECTIONAL ARROW(S) AS INDICATED ON THE PLANS.
	LIGHTING INVERTER - 600W INVERTER WITH 90 MINUTE BATTERY. DUAL-LITE LG-600-S-I OR EQUAL.
	POWER RELAY PACK - WITH POWER AND 0-10V CONTROL OUTPUT "ZONE" INDICATES LIGHTING ZONE FOR PROGRAMMING PURPOSES
SYMBOL	DESCRIPTION
	SWITCH - MODIFIED BY "Z" DESIGNATION BELOW. - ALL DESIGNATIONS INDICATED BELOW ARE DIGITAL/LOW VOLTAGE UNLESS NOTED OTHERWISE. DESIGNATIONS (TYPICAL FOR ALL SWITCHES): "X" - WHEN USED, SMALL CASE LETTER DENOTES SWITCHING CONTROL (REFER TO FIXTURES ON PLAN). IF NOT USED, THE SWITCH CONTROLS ALL FIXTURES IN THE SPACE. "K" - KEY OPERATED ON/OFF "OS" - INTEGRAL OCCUPANCY SENSOR
	CEILING MOUNTED OCCUPANCY SENSOR - TYPE AS INDICATED ON PLANS. WHEN USED, SMALL CASE LETTER DENOTES SWITCHING CONTROL (REFER TO FIXTURES ON PLAN). IF NOT USED, THE SWITCH CONTROLS ALL FIXTURES IN THE SPACE.
	WALL MOUNTED OCCUPANCY SENSOR - TYPE AS INDICATED ON PLANS. WHEN USED, SMALL CASE LETTER DENOTES SWITCHING CONTROL (REFER TO FIXTURES ON PLAN). IF NOT USED, THE SWITCH CONTROLS ALL FIXTURES IN THE SPACE.

Lighting Key Notes

- ADJUST FIXTURE SPACING IN FIELD TO AVOID HVAC REGISTER.

SYMBOL INDICATES PROP. LIGHTING KEY NOTE

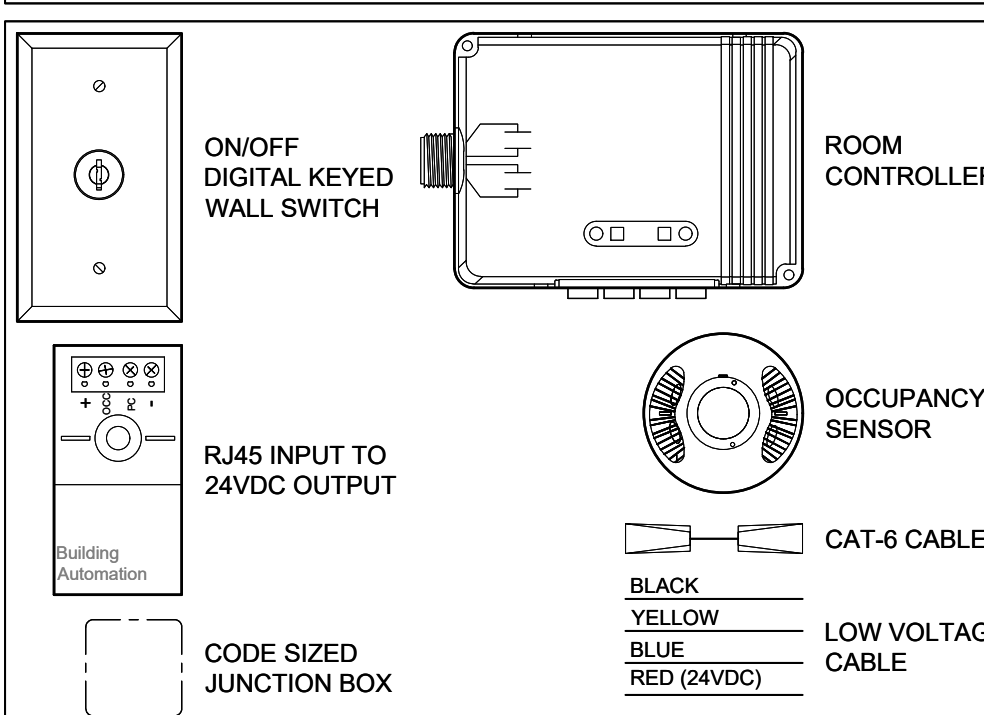


Lighting Controls Riser - Typical Both Locker Rooms

3
E5.01

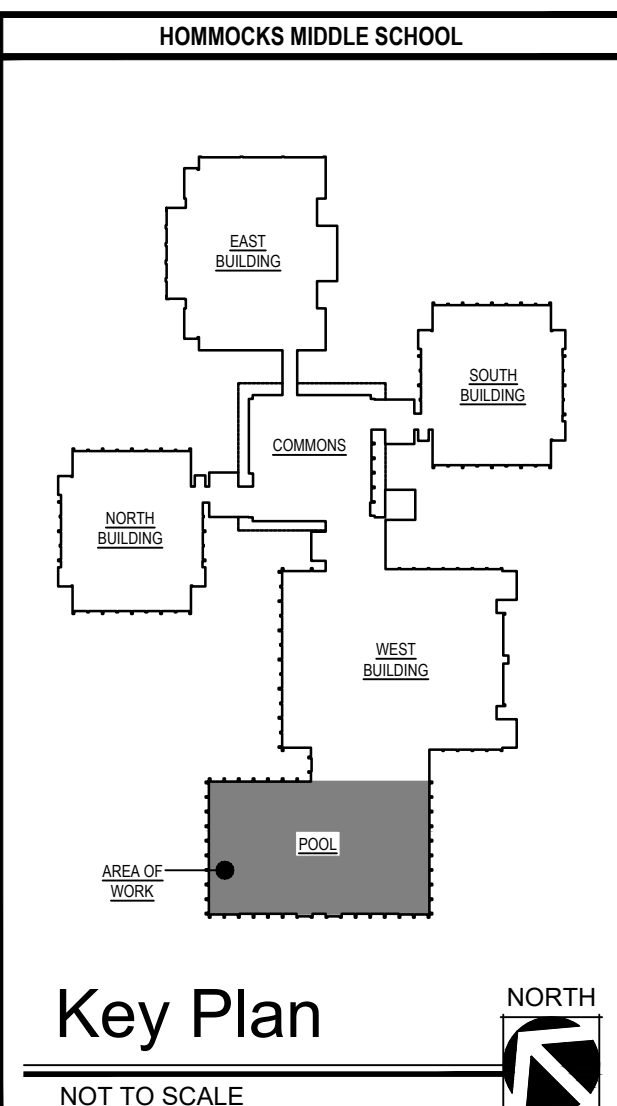
N.T.S.

LIGHTING CONTROL RISER LEGEND



Ltg Riser Key Notes

- CAPTURE ROOM'S INCOMING CIRCUIT TO POWER NEW ROOM LIGHTING & CONTROLS
- PROVIDE AND INSTALL SURFACE MOUNTED WIREMOLD AND BOX WHERE A NEW SWITCH IS INSTALLED ON AN EXISTING WALL. PROVIDE AND INSTALL NEW BACKBOX & CONDUIT WHERE A NEW SWITCH IS INSTALLED ON A NEW WALL.



Key Plan

NOT TO SCALE

NY Certificate of Authorization
Eng'r. No. 0018867
Date 9/15/23
Checked TW
Drawn MH
THOMAS WIGHARD, P.E.
License No. NY 090385 | EXP. 10/31/26
Title PROFESSIONAL ENGINEER

Revisions:

08/30/24
ISSUE FOR BD

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ELECTRICAL LIGHTING PLANS
POOL LOCKER ROOM RENOVATIONS AT
HOMMOCKS MIDDLE SCHOOL
130 HOMMOCKS ROAD
LARCHMONT, NY 10538

Job No. 4.1092.87

File No. 4109287E501

E5.01

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