

SED #66-07-01-03-0-004-033

CONTRACTS

CONTRACT 85a - MECHANICAL/PLUMBING CONTRACT

CONTRACT 85b - MASONRY CONSTRUCTION CONTRACT

CONTRACT 85c - FOOD SERVICE CONTRACT

GRADE LINE BORDER LINE, OUTLINE FIRE SEPARATION WALL SMOKE COMPARTMENT CENTER LINE OBJECT LINE ELEVATION LINE MATCH LINE HIDDEN LINE DEMOLITION BREAK LINE BREAK LINE BREAK LINE (PIPE) FRAMING DESIGNATION DIMENSION LINE COLUMN LINE	EL. X'-X" T.O. XXX PROPOSED EXISTING 2x10 F.J. @ 16" O.C.	DOOR TAG WINDOW TAG CEILING TAG PLUMBING TAG EQUIPMENT TAG WALL TAG DEMOLITION NOTE CONSTRUCTION NOTE SLOPE DESIGNATIONS ADA SYMBOL		REVISION CLOUD W/ TAG ROOM NAME DESIGNATION ROOM NAME 100 100 SF BLOW UP PLAN DESIGNATION INTERIOR ELEVATION SECTION MARK	
Drawing Label 1"=1'-0"					

A detailed map of the Mamaroneck Avenue School area in Westchester County, New York. The school's location is marked with a black star and labeled 'Mamaroneck Avenue School'. The map shows the school is situated near the intersection of Mamaroneck Avenue and I-287. Major roads include I-287, I-194, and I-684. Surrounding areas include White Plains, Hartsdale, and Scarsdale. The map also shows the Westchester Expressway, Mamaroneck Avenue, and the Fenway Golf Club.

1. ALL WORK SHALL CONFORM TO THE 2020 BUILDING CODE OF NEW YORK STATE AND ALL OTHER APPLICABLE CODES, ORDINANCES, ETC. FOR NEW YORK STATE AND THE LOCAL AUTHORITY HAVING JURISDICTION.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE AND FAMILIARIZING HIMSELF WITH THE EXISTING CONDITIONS AND SCOPE OF THE WORK PRIOR TO SUBMITTING BIDS AND COMMENCING WORK.
3. 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.
4. THE CONTRACTOR SHALL NOT SCALE DRAWINGS FOR DIMENSIONS. ALL NOTES OR DIMENSIONED INFORMATION TAKES PRECEDENCE OVER THE DRAWING.
5. 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.
6. DETAILS NOTED AS "TYPICAL" (TYP.) SHALL APPLY IN ALL CASES UNLESS SPECIFICALLY SHOWN OR NOTED OTHERWISE.
7. WHERE NO SPECIFIC DETAIL IS SHOWN, THE FRAMING OR CONSTRUCTION SHALL BE IDENTICAL AND SIMILAR TO THAT INDICATED FOR LIKE CASES OF CONSTRUCTION.
8. 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.
9. 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.
10. 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.
11. 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.
12. 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.
13. ALL EXCESS MATERIAL, DEBRIS, ETC. SHALL BE REMOVED AND THE WORK AREA SHALL BE LEFT CLEAN TO THE OWNER'S SATISFACTION.
14. CONTRACTOR SHALL COORDINATE SCHEDULING OF WORK WITH THE OWNER'S REQUIREMENTS AND SCHEDULE. CONSTRUCTION ACTIVITIES SHALL COMPLY WITH LOCAL NOISE ORDINANCES REQUIREMENTS.
15. CONTRACTOR SHALL FURNISH ALL EQUIPMENT THAT MAY BE REQUIRED TO PERFORM THE WORK INDICATED IN A SAFE AND ORDERLY MANNER.
16. 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 ANY UTILITIES AND PUBLIC FACILITIES INCLUDING FIRE HYDRANTS, FIRE ALARM BOXES, POLICE CALL BOXES, STREET LIGHTS, MANHOLES, AMONG OTHERS DURING DEMOLITION AND CONSTRUCTION.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CUTTING, PATCHING, FILLING AND CLEANING UPON COMPLETION OF WORK.
18. THE CONTRACTOR SHALL SUBMIT WHERE REQUIRED, SHOP DRAWINGS TO THE ARCHITECT FOR APPROVAL PRIOR TO THE START OF FABRICATION OR PURCHASE OF THOSE ITEMS.
19. THE CONTRACTOR SHALL PROVIDE THE OWNER AND ARCHITECT WITH CERTIFICATES OF INSURANCE, AS SPELLED OUT IN THE SPECIFICATIONS, PRIOR TO STARTING THE WORK.
20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SHORING AND BRACING OF EXISTING STRUCTURES AS NEEDED TO COMPLETE THE NEW WORK.
21. 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.
22. 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.
23. 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.
24. 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.
25. IN NO EVENT SHALL STRUCTURAL MEMBERS BE CUT OR DRILLED WITHOUT THE WRITTEN APPROVAL OF A LICENSED STRUCTURAL ENGINEER.
26. 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.
27. 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.
28. COLOR, FINISHING & TEXTURE OF ALL FINISH MATERIALS, WHERE NOT INDICATED ON THE DRAWINGS, SHALL BE SELECTED BY OWNER.
29. ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE AND THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE, AND NFPA 70.
30. CONTRACTORS OR ANY SUBCONTRACTORS PERFORMING WORK UNDER THIS CONTRACT SHALL CARRY LIABILITY AND PROPERTY DAMAGE INSURANCE AGAINST ACCIDENTS OF ALL KINDS AND SHALL FURNISH OWNER WITH CERTIFICATE OF INSURANCE.
31. ALL WORK IN THESE DRAWINGS SHALL BE CONSIDERED NEW WORK WHETHER STATED OR NOT EXCEPT WHERE SPECIFICALLY NOTED AS EXISTING.
32. WHERE SPECIFIC PRODUCTS OR MANUFACTURERS ARE INDICATED, IT IS TO BE UNDERSTOOD THAT THIS IS CONSIDERED THE BASIS OF DESIGN, AND "EQUALS" WILL BE APPROVED BY THE ARCHITECT OR ENGINEER UPON SATISFACTORY EVIDENCE THAT THE SUBSTITUTION MEETS OR EXCEEDS THE BASIS OF DESIGN.

Sheet No.	DESCRIPTION
T0.01	TITLE SHEET & GENERAL NOTES
CA0.01	CODE ANALYSIS
CA0.10	PARTIAL BASEMENT EGRESS PLAN
CA0.11	PROPOSED LOWER LEVEL EGRESS PLAN
CA0.12	PARTIAL FIRST FLOOR EGRESS PLAN
CA0.13	PARTIAL SECOND FLOOR EGRESS PLAN
CA0.14	PARTIAL THIRD FLOOR EGRESS PLAN
A1.01	EXISTING FLOOR PLAN & RCP W/ DEMO.
A2.01	PROPOSED KITCHEN FLOOR PLAN & RCP
A3.01	PARTIAL BUILDING ELEVATION
A6.01	SCHEDULES
A6.02	DETAILS
A6.03	DETAILS
A8.01	FIRESTOPPING DETAILS
FS.1	FOOD SERVICE EQUIPMENT PLAN
FS.2	FOOD SERVICE EQUIPMENT SCHEDULE
FS.3	FOOD SERVICE EXHAUST HOOD DATA
FS.4	FOOD SERVICE EXHAUST HOOD DATA
FS.5	FOOD SERVICE CONNECTED LOADS
FS.6	FOOD SERVICE SPECIAL CONDITIONS
FS.7	FOOD SERVICE REFRIGERATION DATA
M0.01	MECHANICAL NOTES, SYMBOLS, & ABBREVIATIONS
M1.01	DEMOLITION MECHANICAL FLOOR PLANS
M2.01	PROPOSED KITCHEN & ROOF PLAN
M6.01	MECHANICAL DETAILS
M6.02	CAPTIVE AIR MECHANICAL DETAILS
M6.03	CAPTIVE AIR MECHANICAL DETAILS
P2.01	PROPOSED KITCHEN & BOILER ROOM PLUMBING
P2.02	PROPOSED KITCHEN & BOILER ROOM GAS PLAN/RISER
P5.01	KITCHEN PLUMBING RISERS & NOTES
P6.01	PLUMBING SCHEDULES, NOTES, AND DETAILS
E0.01	ELECTRICAL COVER SHEET
E1.01	DEMOLITION ELECTRICAL PLANS
E2.01	PROPOSED KITCHEN ELECTRICAL PLANS

MULTIPLE PRIME CONTRACT NOTES:

THE WORK OUTLINED WITHIN THIS SET OF CONSTRUCTION DOCUMENTS IS BEING COMPLETED AS PART OF A MULTIPLE PRIME CONSTRUCTION CONTRACT. IN SOME INSTANCES, THE OWNER WILL BE RESPONSIBLE FOR SCOPE OF WORK ITEMS AS INDICATED IN THE CONSTRUCTION DOCUMENTS. ABBREVIATIONS AND PRIME CONTRACTOR RESPONSIBILITIES ARE AS FOLLOWS.

GC - OWNER
EC - OWNER
MC - MECHANICAL CONTRACTOR (MECHANICAL/PLUMBING CONTRACT)
PC - PLUMBING CONTRACTOR (MECHANICAL/PLUMBING CONTRACT)
KEC - KITCHEN EQUIPMENT CONTRACTOR (FOOD SERVICE CONTRACT)
MASON - MASONRY CONTRACTOR (MASONRY CONSTRUCTION CONTRACT)

ALL REFERENCES TO "CONTRACTOR" IN NOTES SHALL REFER TO THE PRIME CONTRACTOR RESPONSIBLE FOR THE DRAWING SERIES THE NOTE IS FOUND ON, UNLESS NOTES OTHERWISE.

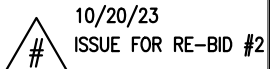
DRAWING SERIES RESPONSIBILITY:
T - ALL PRIME CONTRACTORS
CA - ALL PRIME CONTRACTORS
A - OWNER OR MASONRY CONTRACTOR (AS INDICATED)
FS - KITCHEN EQUIPMENT CONTRACTOR (KEC)
M - MECHANICAL/PLUMBING CONTRACTOR (MC/PC)
P - MECHANICAL/PLUMBING CONTRACTOR (MC/PC)
E - OWNER

ALL PRIME CONTRACTORS ARE RESPONSIBLE FOR REVIEWING THE ENTIRE DRAWING SET INCLUDING PLANS, ELEVATIONS, NOTES, DETAILS, SCHEDULES, ETC. FOR COORDINATION AND RESPONSIBILITY OF EACH PRIME CONTRACTOR.

An aerial photograph of Mamaroneck Avenue School. The school building is a large, multi-winged structure with a grey roof. To the left of the building is a large, paved parking lot filled with many cars. To the right of the building is a green lawn area. A red dot is placed on the lawn area, indicating the location of the playground. The text "Mamaroneck Avenue School" is overlaid on the image.

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Title	REGISTERED ARCHITECT
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Date	12/20/22
Checked	IT
Drawn	BP

Revisions:



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**Engineering,
Planning,
Architecture,
Surveying LLP**

LAN ASSOCIATES

TITLE SHEET & GENERAL NOTES

NEW KITCHEN DESIGN
MAMARONECK AVENUE SCHOOL
850 MAMARONECK AVENUE
MAMARONECK, NEW YORK 10543

Job No. 4.1092.85

File No. 109285T00

T0.01



Symbol Legend	
*ERW	EXISTING RESCUE WINDOW
	DENOTES ADA ACCESSIBLE ENTRANCE
	DENOTES EXISTING FIRE EXTINGUISHING CABINET
	DENOTES EXISTING FIRE HOSE REEL
	DENOTES NEW SEMI-RECESSED FIRE EXTINGUISHING CABINET
	AREA OF TEMPORARY OCCUPANCY

Egress Code Analysis

PER THE 2020 BUILDING CODE OF NEW YORK STATE U.N.O.

USE GROUP CLASSIFICATION "E": EDUCATIONAL

OCCUPANT LOAD
SECTION 1004.1.2 - AREAS WITHOUT FIXED SEATING
OCCUPANT LOADS WERE CALCULATED USING THE MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT AS INDICATED IN TABLE 1004.5.
MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT

STORAGE & MECHANICAL ROOMS	300	GROSS
ASSEMBLY:		
ASSEMBLY WITH FIXED SEATS	SECTION 1004.6	
CONCENTRATED (CHAIRS ONLY)	7	NET
STANDING SPACE	5	NET
UNCONCENTRATED (TABLES & CHAIRS)	15	NET
BUSINESS AREAS (OFFICES)	150	GROSS
EDUCATIONAL:		
CLASSROOMS	20	NET
SHOPS OR VOCATIONAL ROOMS	50	NET
EXERCISE ROOMS	50	GROSS
KITCHENS, COMMERCIAL	200	GROSS
LIBRARY		
READING ROOM	50	NET
STACKS	100	GROSS
LOCKER ROOMS	50	GROSS
STAGES AND PLATFORMS	15	NET

SECTION 1004.4 - FIXED SEATING
FOR AREAS HAVING FIXED SEATS AND AISLES, THE OCCUPANT LOAD SHALL BE DETERMINED BY THE NUMBER OF FIXED SEATS INSTALLED THEREIN.

MEANS OF EGRESS SIZING
SECTION 1005
1005.3 REQUIRED CAPACITY BASED ON OCCUPANT LOAD
1005.3.1 STAIRWAYS
CALCULATED BY MULTIPLYING THE OCCUPANT LOAD SERVED BY SUCH STAIRWAYS BY A MEANS OF EGRESS CAPACITY FACTOR OF 0.3 INCH PER OCCUPANT.
1005.3.2 OTHER EGRESS COMPONENTS
MEANS OF EGRESS COMPONENTS OTHER THAN STAIRWAYS SHALL BE CALCULATED BY MULTIPLYING THE OCCUPANT LOAD SERVED BY EACH COMPONENT BY A MEANS OF EGRESS CAPACITY FACTOR OF 0.2 INCH PER OCCUPANT.

NUMBER OF EXITS AND EXIT ACCESS DOORWAYS
SECTION 1006
1006.2.1 TWO EXITS OR EXIT ACCESS DOORWAYS FROM ANY SPACE SHALL BE PROVIDED WHEN THE DESIGN OCCUPANT LOAD OR THE COMMON PATH OF EGRESS TRAVEL DISTANCE EXCEEDS THE VALUES LISTED IN TABLE 1006.2.1. THE CUMULATIVE OCCUPANT LOAD FROM ADJACENT ROOMS, AREAS OR SPACES SHALL BE DETERMINED IN ACCORDANCE WITH SECTION 1004.2.

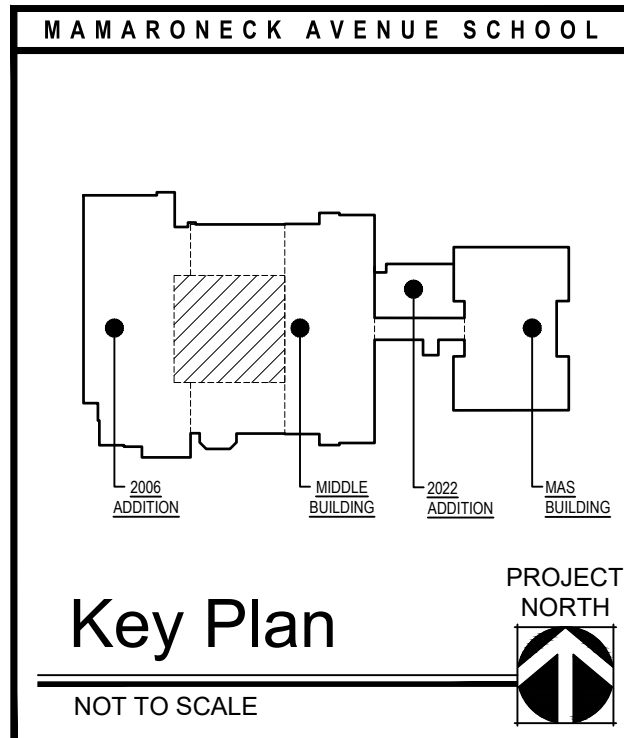
"E" OCCUPANCY:
48 MAX OCCUPANT LOAD
75' MAX COMMON PATH OF EGRESS TRAVEL DISTANCE

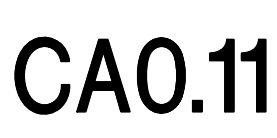
EXIT ACCESS
SECTION 1016
1016.2 EGRESS THROUGH INTERVENING SPACE
EGRESS FROM A ROOM OR SPACE SHALL NOT PASS THROUGH ADJOINING OR INTERVENING ROOMS OR AREAS, EXCEPT WHERE SUCH ADJOINING ROOMS OR AREAS AND THE AREA SERVED ARE ACCESSORY TO ONE OR THE OTHER.
EGRESS SHALL NOT PASS THROUGH KITCHENS, STORAGE ROOMS, CLOSETS OR SPACES USED FOR SIMILAR PURPOSES.

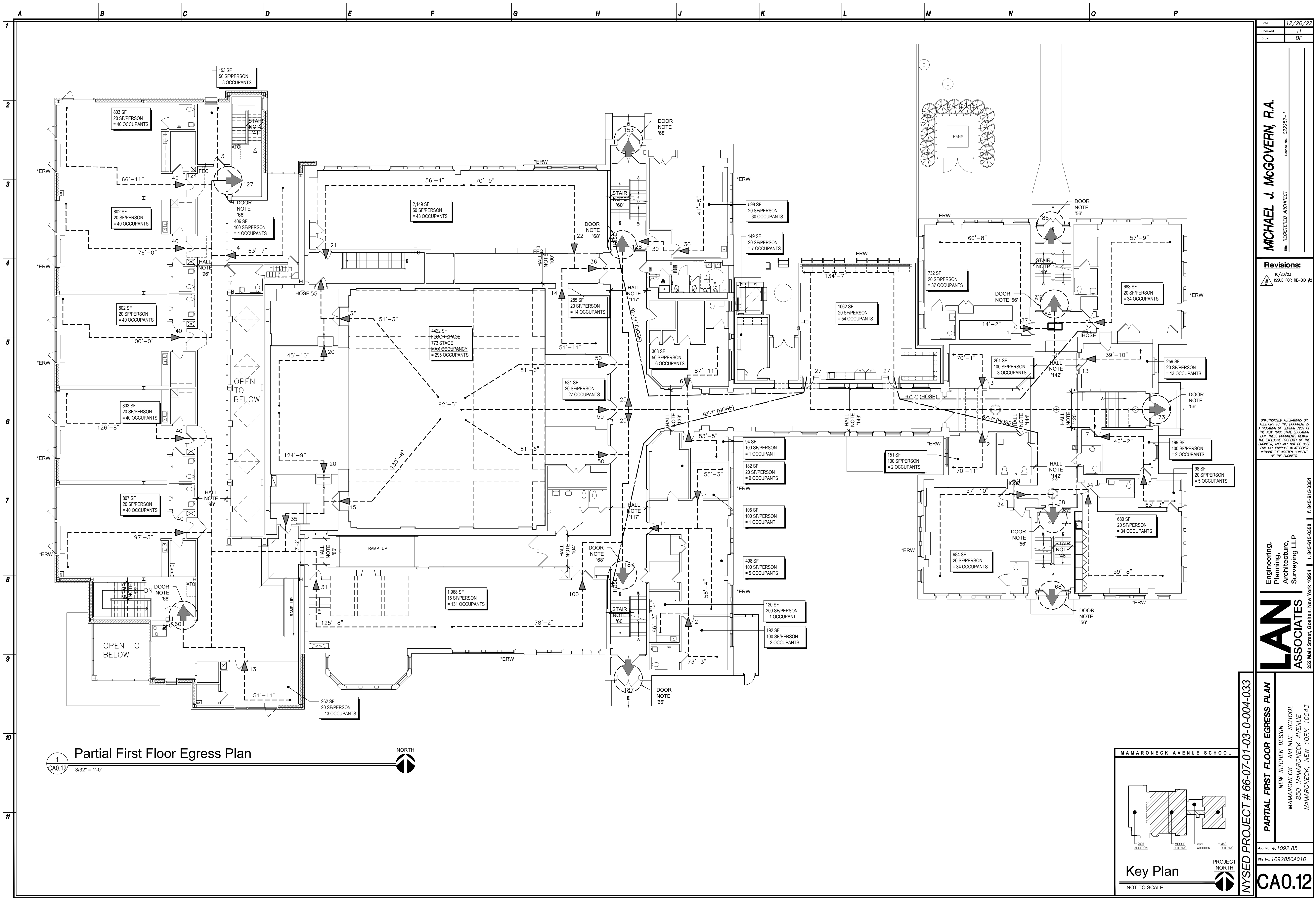
EXIT ACCESS TRAVEL DISTANCE
SECTION 1017
"E" OCCUPANCY:
NOT TO EXCEED 200 FEET WITHOUT SPRINKLER SYSTEM

CORRIDORS
SECTION 1020
1020.1 CORRIDOR FIRE-RESISTANCE RATING:
"E" OCCUPANCY
1 HOUR WITHOUT A SPRINKLER SYSTEM
1020.2 MINIMUM CORRIDOR WIDTH
MINIMUM CORRIDOR WIDTH UNLESS OTHERWISE NOTED: 44"
WITH AN OCCUPANT LOAD OF LESS THAN 50: 36"
GROUP "E" WITH A CORRIDOR SERVING MORE THAN 100: 72"
1020.4 DEAD END CORRIDORS
MAX DEAD END CORRIDOR LENGTH = 20'

PER THE 2020 EXISTING BUILDING CODE OF NEW YORK STATE
805' DEAD END CORRIDORS (ALTERATIONS - LEVEL 2)
MAX DEAD END CORRIDOR LENGTH = 35'







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Revisions:	
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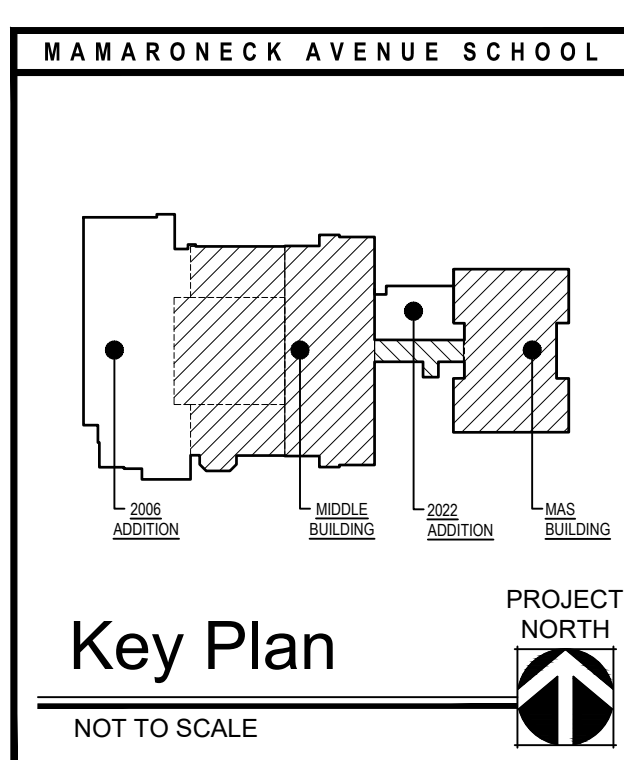
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PARTIAL FIRST FLOOR EGRESS PLAN
NEW KITCHEN DESIGN
MAMARONECK AVENUE SCHOOL
850 MAMARONECK AVENUE
MAMARONECK, NEW YORK 10543

Job No. 4.1092.85
File No. 109285CA010

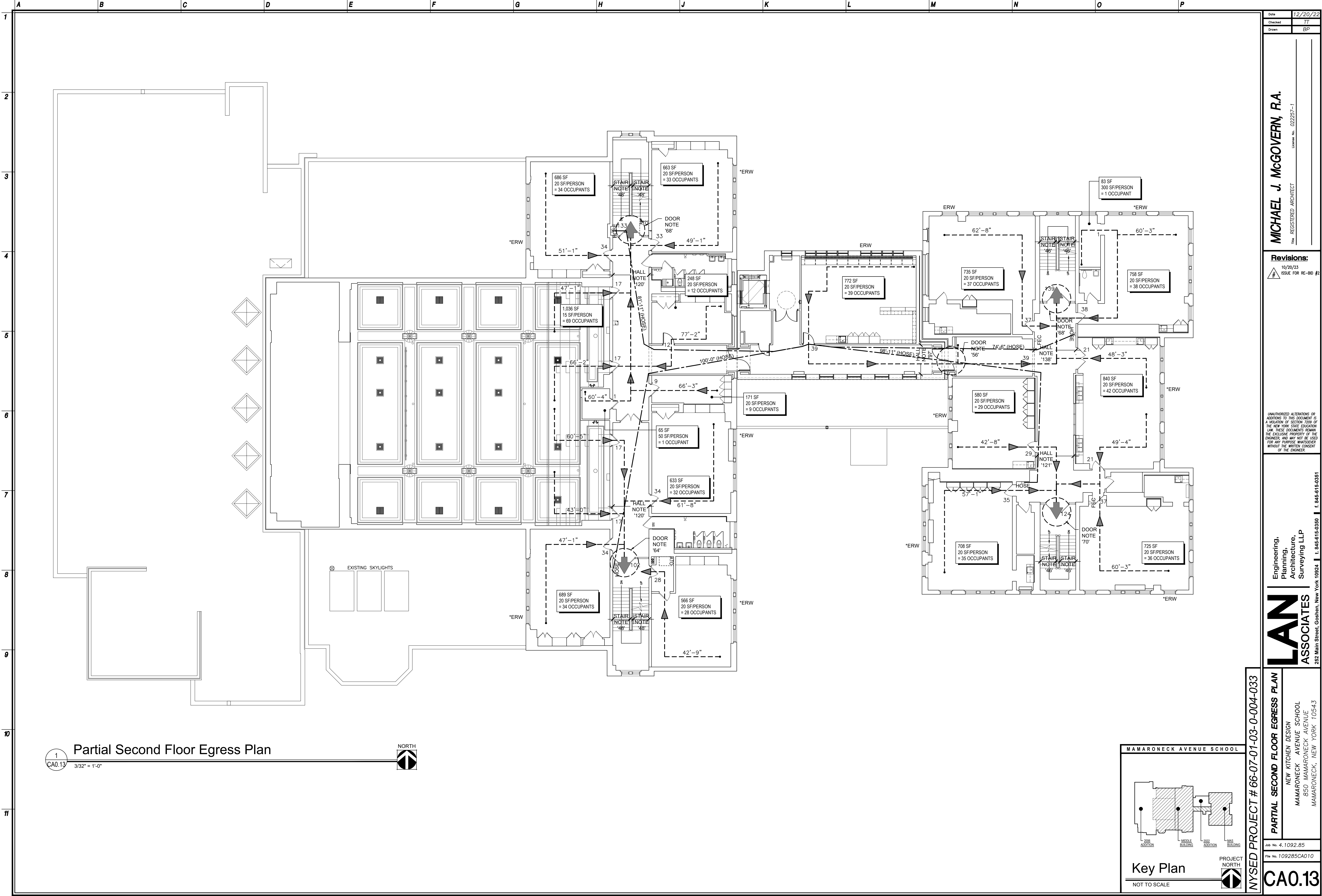
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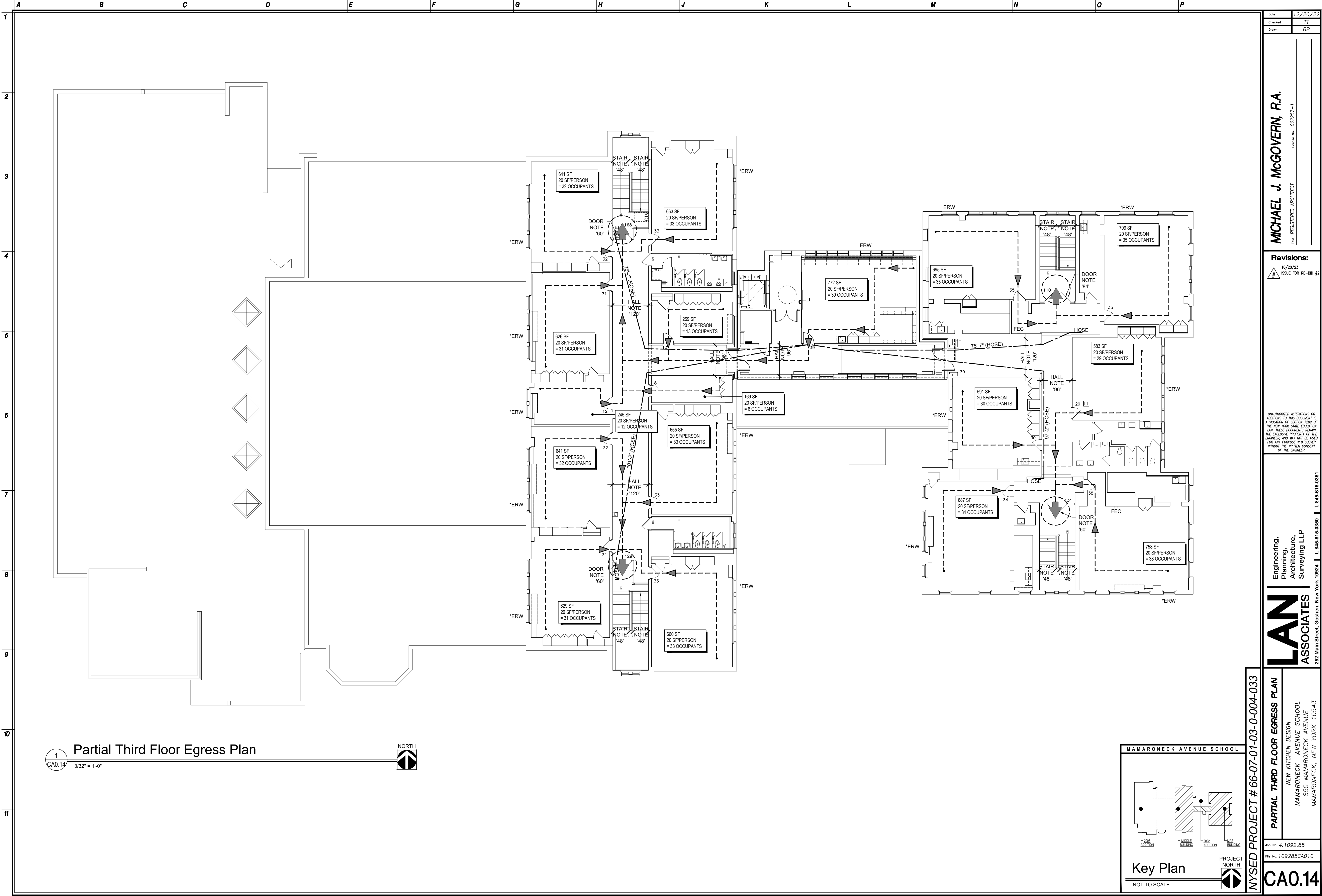


Key Plan

NOT TO SCALE



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NYSED PROJECT # 66-07-01-03-0-004-033	
PARTIAL SECOND FLOOR EGRESS PLAN NEW KITCHEN DESIGN MAMARONECK AVENUE SCHOOL 850 MAMARONECK AVENUE MAMARONECK, NEW YORK 10543	
Job No. 4,1092.85	File No. 109285CA010
CA0.13	



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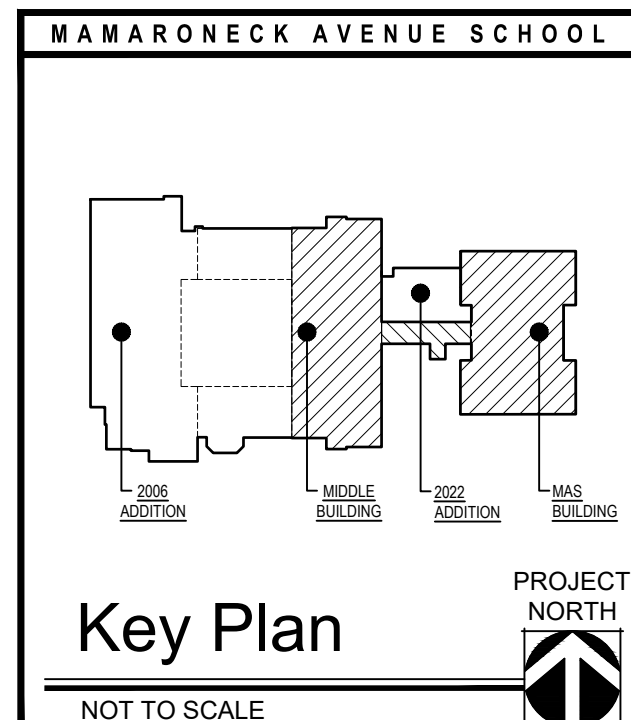
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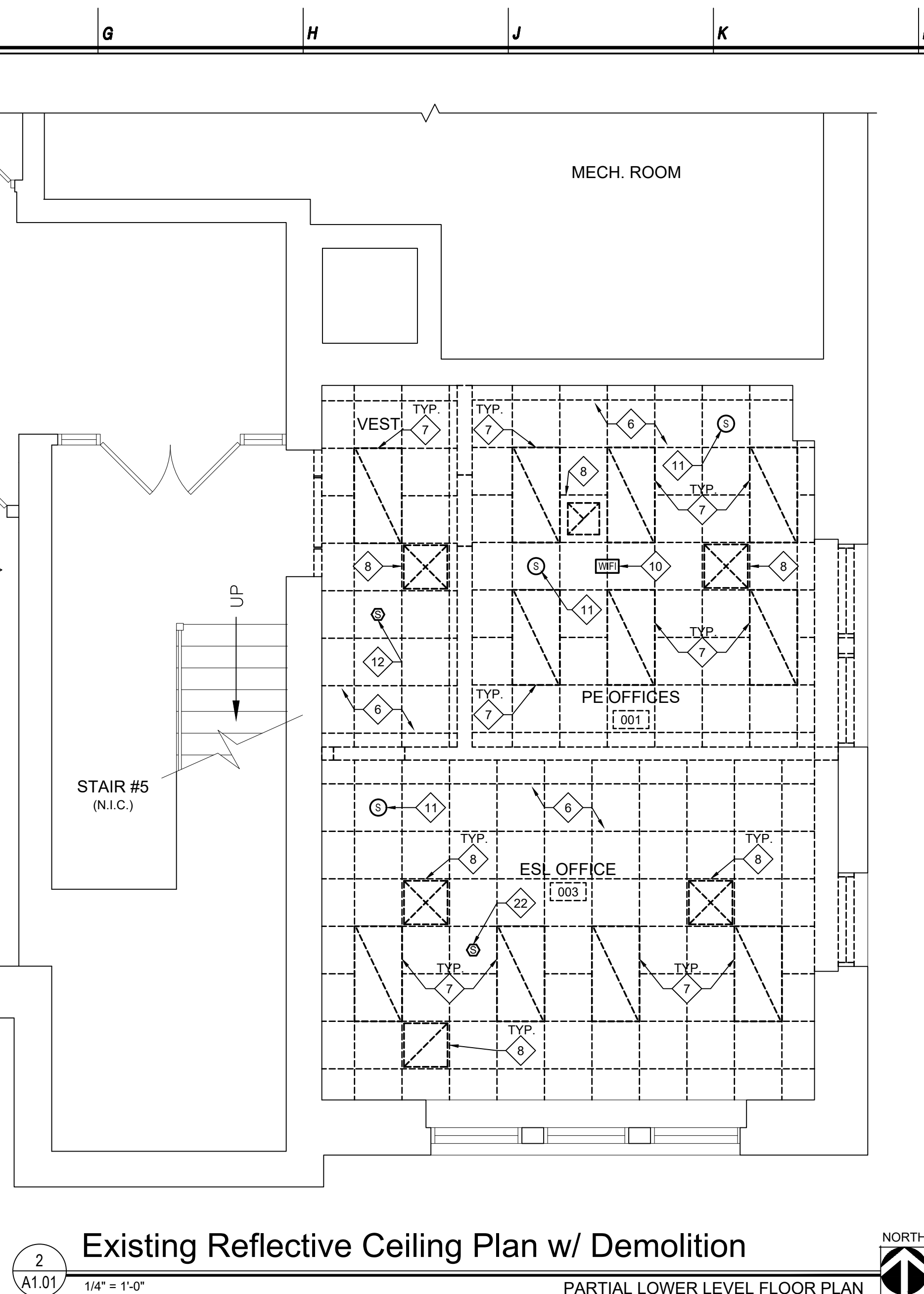
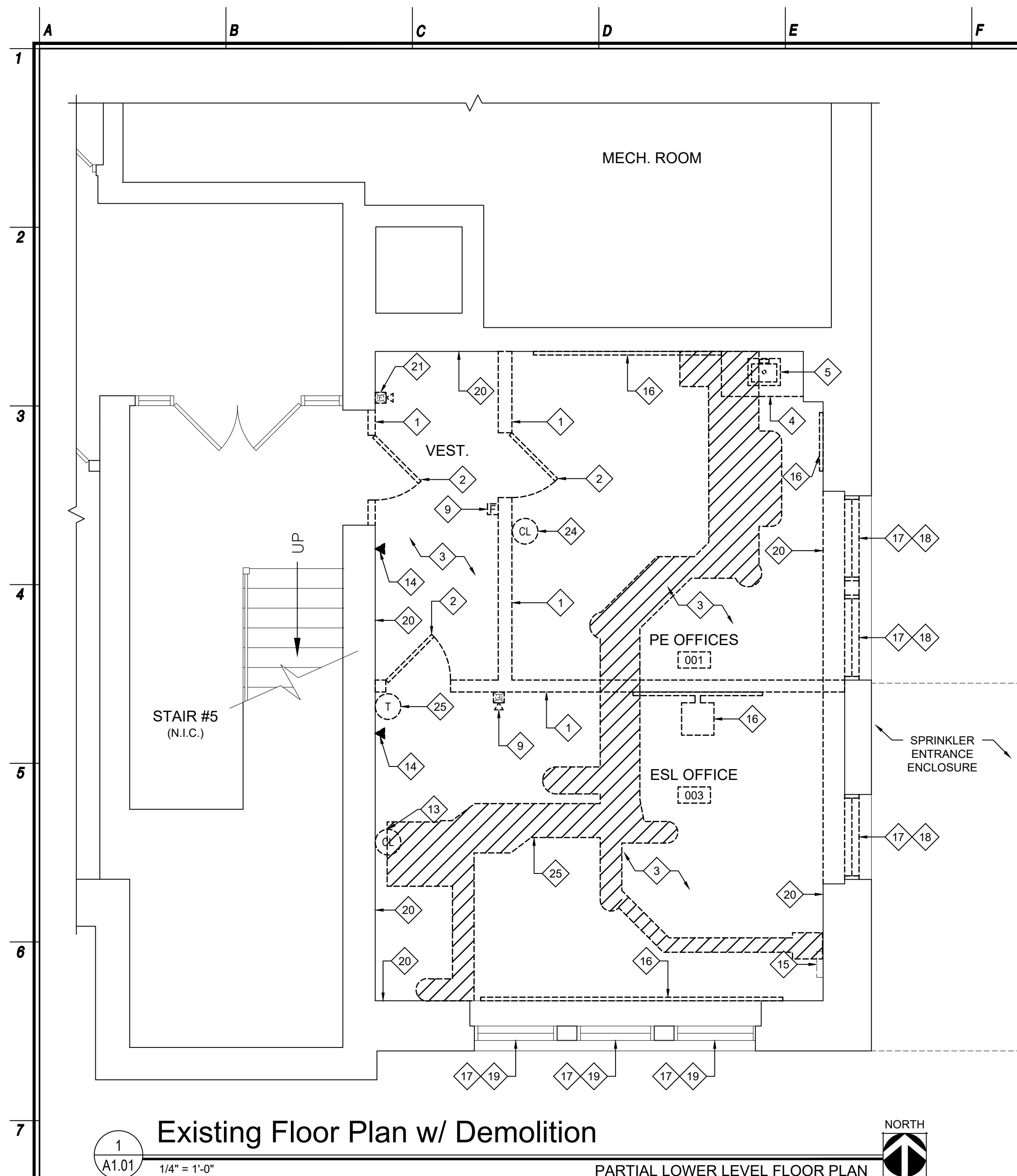
PARTIAL THIRD FLOOR EGRESS PLAN
NEW KITCHEN DESIGN
MAMARONECK AVENUE SCHOOL
850 MAMARONECK AVENUE
MAMARONECK, NEW YORK 10543

Job No. 4.1092.85
File No. 109285CA010

CA0.14



NYSed PROJECT # 66-07-01-03-0-004-033



- ## Demolition Key Notes

1. OWNER TO REMOVE EXISTING INTERIOR PARTITION, INCLUDING WALL, BASE, GWB, STUDS, ELECTRICAL OUTLETS, SWITCHES, ETC. OWNER TO TERMINATE ALL ELECTRICAL COMPONENTS IN ACCORDANCE WITH NEC REQUIREMENTS. OWNER TO TEMPORARILY BRACE AND SHORE ALL REMAINING WALLS, FLOORS, AND CEILINGS AS REQUIRED PRIOR TO DEMOLITION.
2. OWNER TO REMOVE EXISTING DOOR, HINGES, FRAME, HARDWARE, CLOSER, ETC. CONFER WITH OWNER FOR SALVAGE PRIOR TO DISPOSAL.
3. OWNER TO REMOVE EXISTING FINISH FLOORING TO EXPOSE EXISTING SUB-FLOOR. OWNER TO PREPARE EXISTING SUB-FLOOR AS REQUIRED TO RECEIVE NEW FINISH FLOORING SEE DRAWING A2.01 FOR ADDITIONAL INFORMATION.
4. OWNER TO REMOVE AND DISCARD OF EXISTING CASEWORK INCLUDING COUNTERS, DOORS, HINGES, BLOCKING, SINKS, ETC. CONFER WITH OWNER FOR SALVAGE PRIOR TO DEMOLITION.
5. PC TO REMOVE EXISTING SINK IN ITS ENTIRETY. PC TO DISCONNECT ALL PLUMBING CONNECTIONS AND CAP AS REQUIRED PRIOR TO SINK REMOVAL. CONFER WITH OWNER FOR SALVAGE PRIOR TO DISPOSAL.
6. OWNER TO REMOVE AND DISCARD EXISTING SUSPENDED CEILING, TILE AND SOFFIT INCLUDING CEILING GRID, WALL ANGLES, SUPPORT WIRES, CLIPS, TIES, ETC.
7. OWNER TO DEMO EXISTING LIGHTING IN ITS ENTIRETY. OWNER TO TERMINATE ALL ELECTRICAL CONNECTIONS PER NEC REQUIREMENTS. SEE ELECTRICAL DEMOLITION DRAWINGS FOR ADDITIONAL INFORMATION.
8. MC TO REMOVE EXISTING SUPPLY DIFFUSERS, RETURN AIR GRILLES, AND/OR LOUVERS IN THEIR ENTIRETY. SEE MECHANICAL DEMOLITION DRAWINGS FOR ADDITIONAL INFORMATION.
9. OWNER TO RELOCATE EXISTING FIRE ALARM DEVICE. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
10. OWNER TO RELOCATE EXISTING WIRELESS ACCESS POINT (WAP) AND ALL ASSOCIATED WIRING AND WIRE MOLD. TERMINATE ALL CONNECTIONS AS PER NEC REQUIREMENTS. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
11. OWNER TO RELOCATE EXISTING CEILING MOUNTED PA SPEAKER IN ITS ENTIRETY. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
12. OWNER TO RELOCATE EXISTING SMOKE DETECTOR. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
13. OWNER TO DISCONNECT EXISTING CLOCK AND RELOCATE. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
14. OWNER TO DISCONNECT EXISTING PHONE AND RELOCATE. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
15. EXISTING PIPE CHASE (5'-11" A.F.F.) TO REMAIN.
16. OWNER TO REMOVE EXISTING WALL-MOUNTED TEACHER PRESENTATION UNIT (SMARTBOARD, WHITE BOARD, BLACK BOARD, TACK BOARD, PIN BOARD, WORLD MAP, ETC.) IN ITS ENTIRETY. CONFER WITH OWNER FOR SALVAGE PRIOR TO DISPOSAL. DISCONNECT PROJECTOR, SMARTBOARD (WHERE REQUIRED).
17. OWNER TO REMOVE EXISTING WINDOW SHADES AND HARDWARE IN THEIR ENTIRETY. CONFER WITH OWNER FOR SALVAGE PRIOR TO DISPOSAL.
18. OWNER TO REMOVE EXISTING EXTERIOR WINDOW, JAMB, SILL., SASHES, INTERIOR TRIM, ETC. IN THEIR ENTIRETY. EXISTING LINTEL TO REMAIN.
19. EXISTING WINDOW TO REMAIN. PROTECT DURING CONSTRUCTION & DEMOLITION ACTIVITIES.
20. EXISTING WALL TO REMAIN.
21. EXISTING FIRE ALARM DEVICE TO REMAIN. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
22. OWNER TO REMOVE EXISTING SMOKE DETECTOR. REPLACE WITH WITH A HEAT DETECTOR. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
23. OWNER TO REMOVE EXISTING DATA/PHONE JACK. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
24. OWNER TO REMOVE EXISTING CLOCK. CONFER WITH OWNER FOR SALVAGE PRIOR TO DISPOSAL. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
25. TRENCHING SHOWN ON THIS DRAWING IS TO BETTER HELP THE MASONRY CONTRACTOR UNDERSTAND THE INTENT OF THE UNDER-SLAB PIPE ROUTING. THE MASONRY CONTRACTOR IS RESPONSIBLE FOR CUTTING, TRENCHING AND INFILL OF THE TRENCH, AND SHALL COORDINATE WITH ALL OTHER TRADES IN THE FIELD. THE MASONRY CONTRACTOR SHALL EXAMINE EXISTING CONDITIONS TO VERIFY EACH ROUTE IS FREE FROM EXISTING UNDER-SLAB OBSTRUCTIONS.

- ## Demolition Key Notes

1. TRENCHING SHOWN ON THIS DRAWING IS TO BETTER HELP ALL CONTRACTORS UNDERSTAND THE INTENT OF THE UNDER-SLAB PIPE ROUTING. THE MASONRY CONTRACTOR IS RESPONSIBLE FOR CUTTING, TRENCHING AND INFILL OF THE TRENCH, AND SHALL COORDINATE WITH ALL OTHER TRADES IN THE FIELD. THE MASONRY CONTRACTOR SHALL EXAMINE EXISTING CONDITIONS TO VERIFY EACH ROUTE IS FREE FROM EXISTING UNDER-SLAB OBSTRUCTIONS. THE MASONRY CONTRACTOR SHALL INFILL TRENCH WITH NEW CONCRETE AND DOWEL INTO EXISTING SLAB. TRENCH INFILL SHALL BE FINISHED SMOOTH TO ACCEPT NEW FINISH FLOORING BY GC/OWNER. REFER TO ARCHITECTURAL DRAWINGS FOR FLOORING FINISH MATERIAL AND PREPARE SUBSTRATE AS REQUIRED.

- SYMBOL INDICATES
DEMOLITION KEY NOTE

MULTIPLE PRIME CONTRACT NOTES:

THE WORK OUTLINED WITHIN THIS SET OF CONSTRUCTION DOCUMENTS IS BEING COMPLETED AS PART OF A MULTIPLE PRIME CONSTRUCTION CONTRACT. IN SOME INSTANCES, THE OWNER WILL BE RESPONSIBLE FOR SCOPE OF WORK ITEMS AS INDICATED IN THE CONSTRUCTION DOCUMENTS. ABBREVIATIONS AND PRIME CONTRACTOR RESPONSIBILITIES ARE AS FOLLOWS:

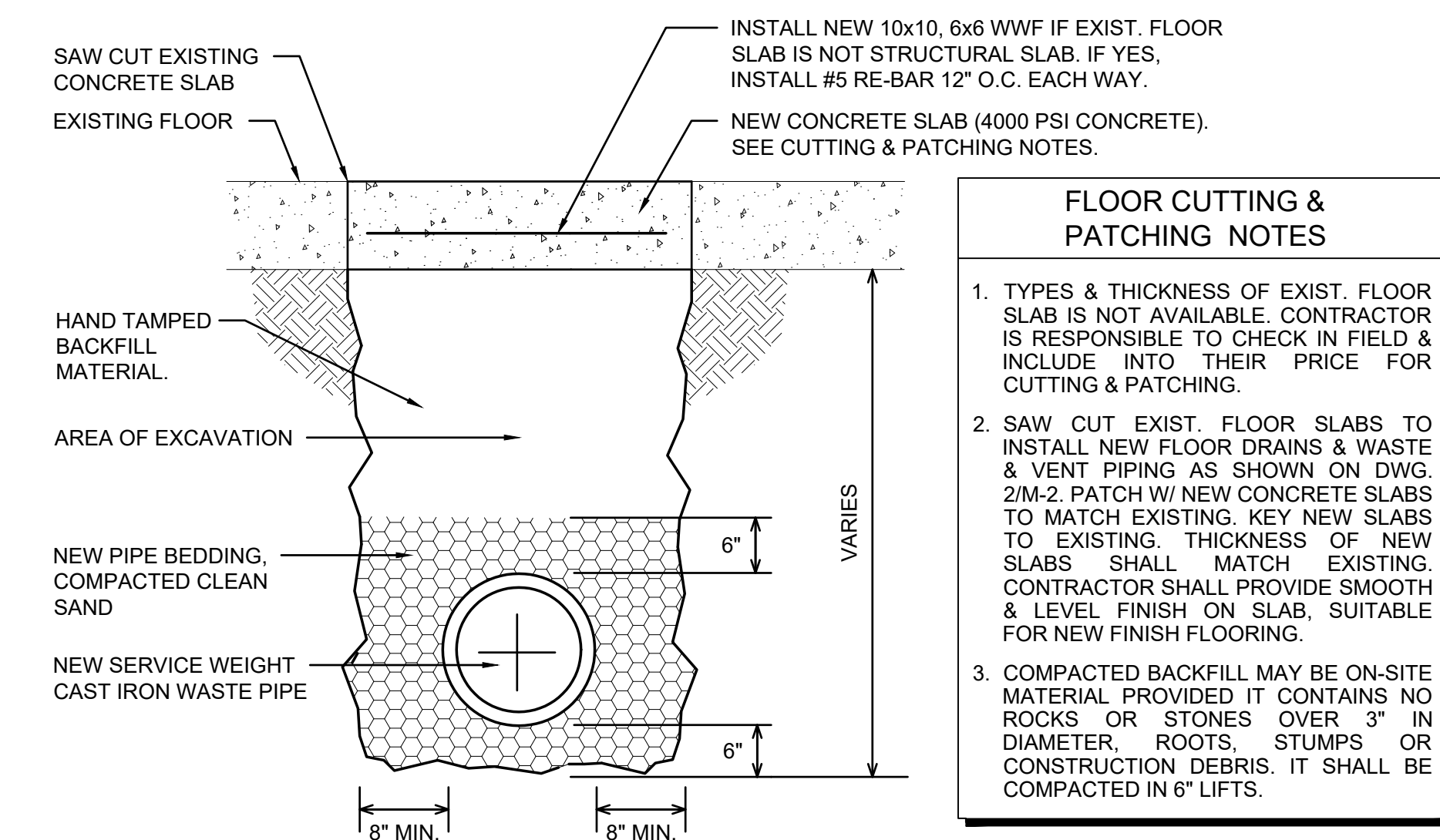
GC - OWNER
EC - OWNER
MC - MECHANICAL CONTRACTOR (MECHANICAL/PLUMBING CONTRACT)
PC - PLUMBING CONTRACTOR (MECHANICAL/PLUMBING CONTRACT)
KEC - KITCHEN EQUIPMENT CONTRACTOR (FOOD SERVICE CONTRACT)
MASCON - MASONRY CONTRACTOR (MASONRY CONSTRUCTION CONTRACT)

ALL REFERENCES TO "CONTRACTOR" IN NOTES SHALL REFER TO THE PRIME CONTRACTOR RESPONSIBLE FOR THE DRAWING SERIES THE NOTE IS FOUND ON, UNLESS NOTES OTHERWISE.

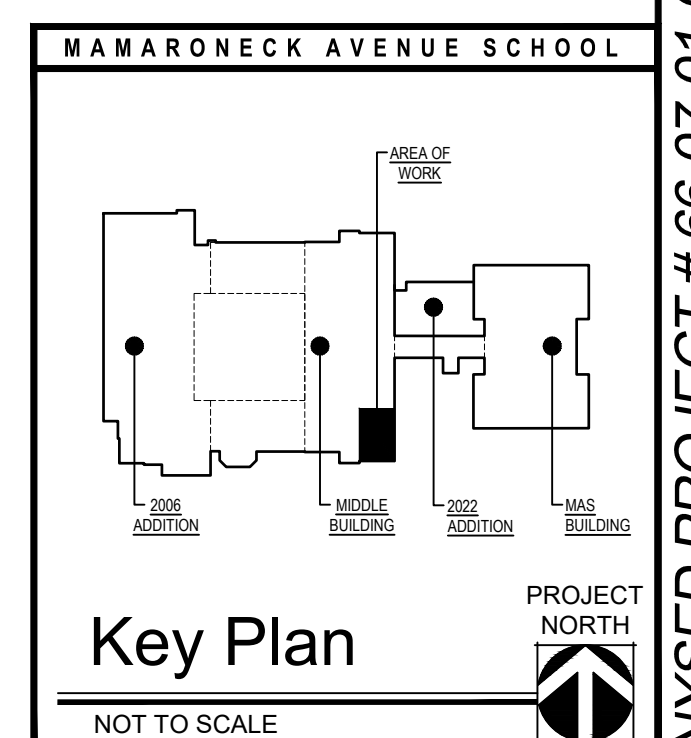
DRAWING SERIES RESPONSIBILITY:

T - ALL PRIME CONTRACTORS
CA - ALL PRIME CONTRACTORS
A - OWNER OR MASONRY CONTRACTOR (AS INDICATED)
FS - KITCHEN EQUIPMENT CONTRACTOR (KEC)
M - MECHANICAL/PLUMBING CONTRACTOR (MC/PC)
P - MECHANICAL/PLUMBING CONTRACTOR (MC/PC)
E - OWNER

ALL PRIME CONTRACTORS ARE RESPONSIBLE FOR REVIEWING THE ENTIRE DRAWING SET INCLUDING PLANS, ELEVATIONS, NOTES, DETAILS, SCHEDULES, ETC. FOR COORDINATION AND RESPONSIBILITY OF EACH PRIME CONTRACTOR.



Below Slab Sanitary Piping Detail



Date	12/20/22
Checked	TT
Drawn	BP

License No. 022257-1

REGISTERED ARCHITECT

MICHAEL J. McGOVERN, R.A.

Title _____

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10/20/23
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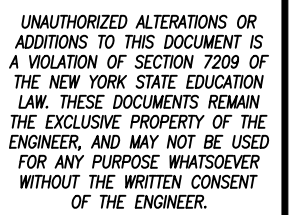
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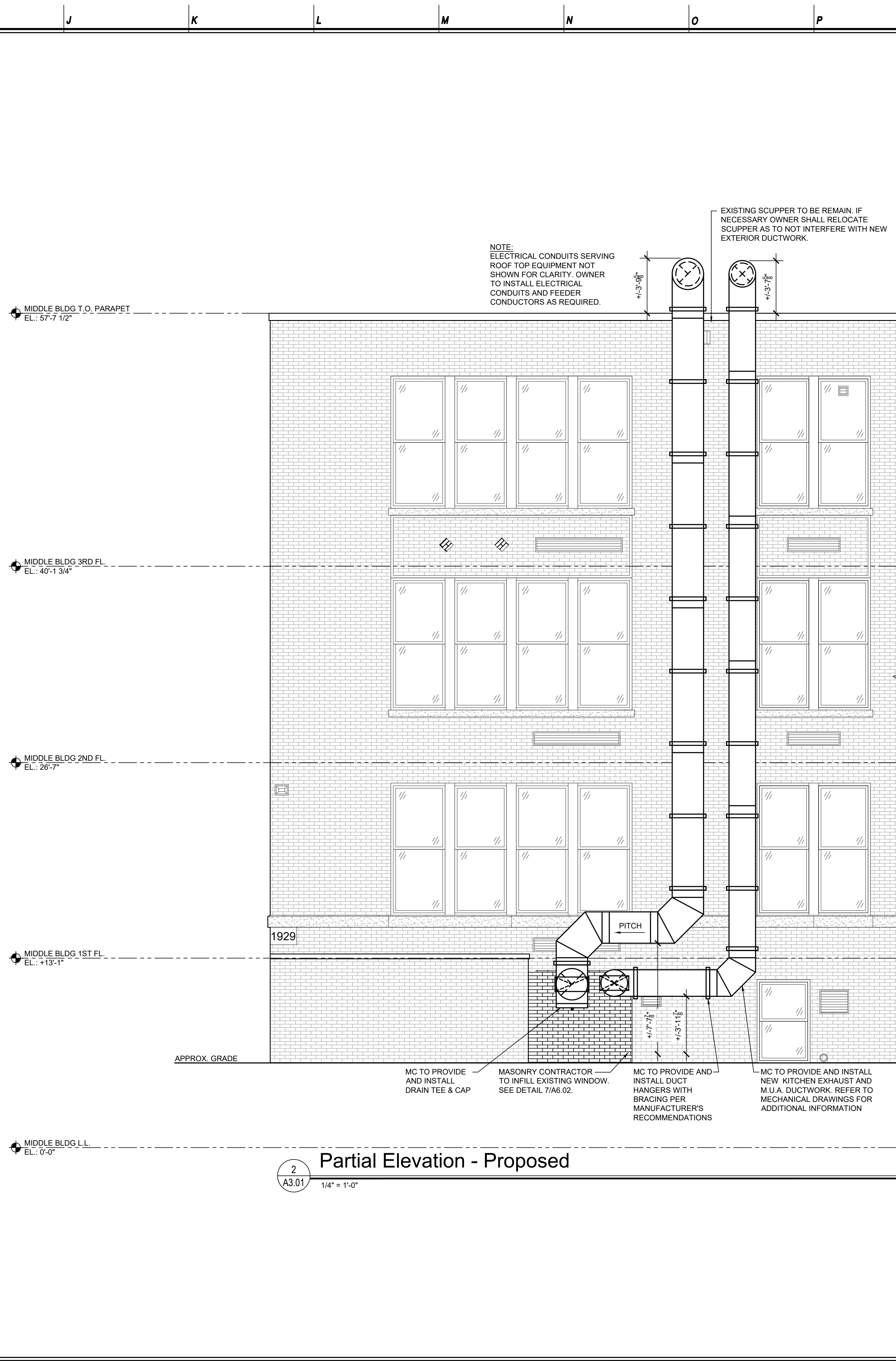
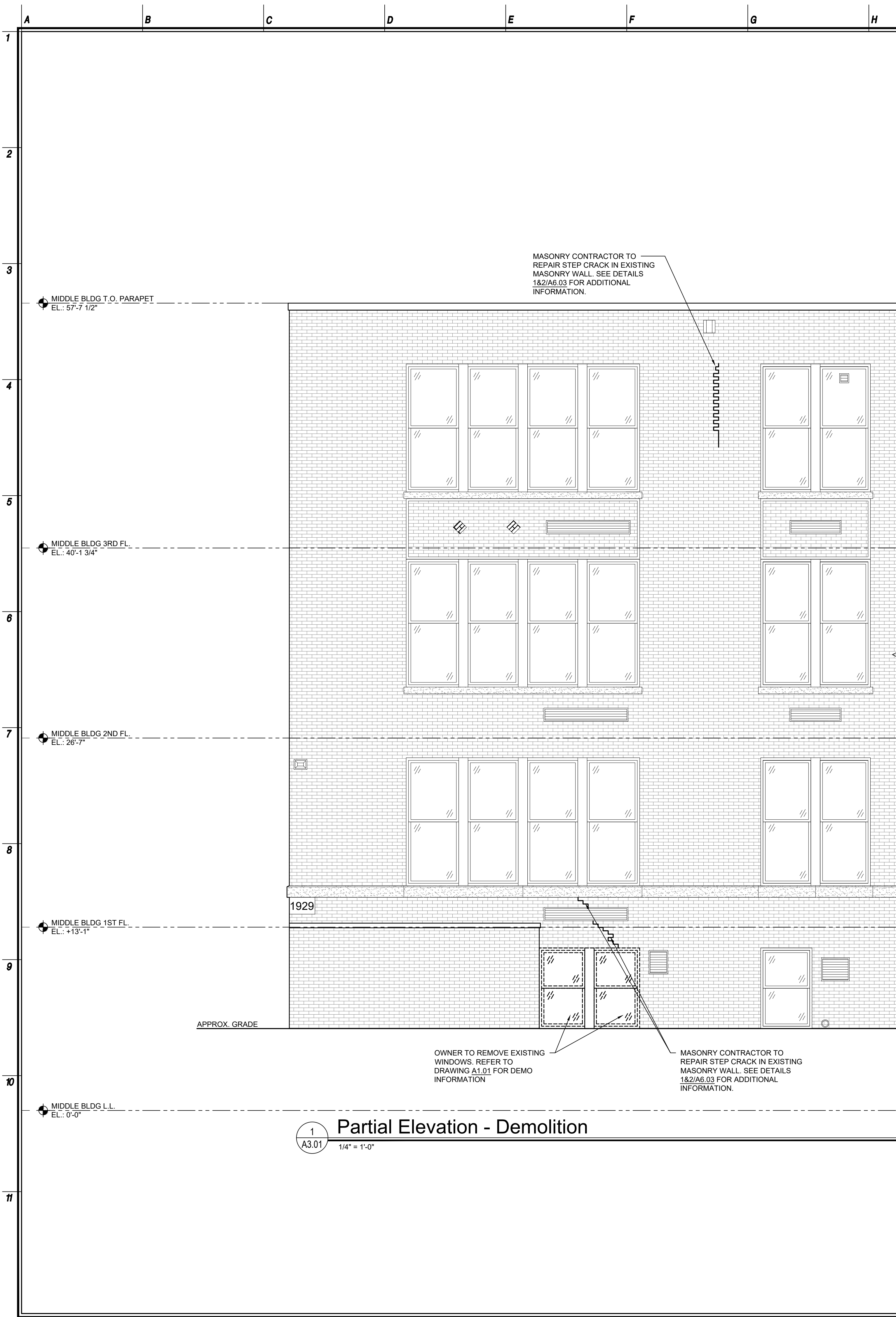
NEW KITCHEN DESIGN
MAMARONECK AVENUE SCHOOL
850 MAMARONECK AVENUE
MAMARONECK, NEW YORK 10543

4.1092.85

109285A101

A1.01





NYSED PROJECT # 66-07-01-03-0-004-033

PARTIAL BUILDING ELEVATION

NEW KITCHEN DESIGN
MAMARONECK AVENUE SCHOOL
850 MAMARONECK AVENUE
MAMARONECK, NEW YORK 10543

Job No. 4.1092.85

File No. 4109285A301

A3.01

Date 12/20/22
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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							
LOWER LEVEL																			
D01	A	KITCHEN	SINGLE SWING	MTL	90 MIN.	PAINT	4'-0"	7'-0"		MTL	2/A6.02	3/A6.02	4/A6.02	01	■	-			
D02	A	CORRIDOR	SINGLE SWING	MTL	90 MIN.	PAINT	4'-0"	7'-0"		MTL	2/A6.02	3/A6.02	4/A6.02	02	■	-			

Door & Door Hardware Notes	
1.	DOOR ELEVATIONS & DOOR HARDWARE ARE PROVIDED TO DEMONSTRATE THE "TYPICAL" CONDITION. REFER TO DOOR SCHEDULE AND DOOR HARDWARE SPECIFICATION FOR ACTUAL DOOR HARDWARE REQUIREMENTS. REFER TO FINISH HARDWARE SPECIFICATION AND SCHEDULE FOR HARDWARE SET INFORMATION.
2.	CONTRACTOR TO FIELD VERIFY ALL MASONRY OPENINGS SIZES, DOOR SIZES, HINGE LOCATIONS, DOOR SWING ETC. AND PROVIDE SHOP DRAWINGS FOR REVIEW AND APPROVAL PRIOR TO ORDERING DOORS.
3.	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 PRIOR TO THE BID TO BE OF LIKE KIND AND OF EQUAL QUALITY.
4.	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.
5.	CONTRACTOR TO PATCH AND REPAIR ALL DISTURBED INTERIOR AND EXTERIOR FINISHES AS REQUIRED.
6.	CONTRACTOR SHALL VERIFY AND COORDINATE ALL HARDWARE WITH OWNER PRIOR TO ORDERING OR INSTALLING. COORDINATE WITH ACTUAL FIELD CONDITIONS FOR A COMPLETE INSTALLATION.
7.	CONTRACTOR SHALL COORDINATE WITH OWNER TO KEY ALL CYLINDERS TO MATCH EXISTING MASTER KEYING SYSTEM FOR COMPANY STANDARDS.
8.	CONTRACTOR SHALL PROVIDE FIRE RATED GLAZING IN FIRE RATED DOOR AND FRAME ASSEMBLIES AS REQUIRED TO ACHIEVE THE MINIMUM FIRE RATING. REFER TO DOOR ELEVATIONS.
9.	ALL INTERIOR FIRE RATED GLAZING IN DOORS, SIDELITES AND WINDOWS SHALL BE FIREGLUE PLUS 1/4" THICK CLEAR GLASS OR PILINGTON PYROSTOP CLEAR GLASS AS INDICATED ON DOOR SCHEDULE / DOOR ELEVATIONS. CONTRACTOR SHALL PROVIDE FIRE RATED GLAZING AND GLAZING TO COMPLY WITH BUILDING CODE. SEE DOOR SCHEDULE FOR ASSEMBLY FIRE RATINGS
10.	ALL DOOR HARDWARE, CARD ACCESS READER AND SECURITY HARDWARE SHALL BE COORDINATED WITH OWNER REQUIREMENTS. PROVIDE POWER AS REQUIRED.
11.	CONTRACTOR SHALL COORDINATE WITH OWNERS REQUIREMENTS FOR OVERHEAD DOOR OPTIONS AND CONTROLS
12.	GC TO PROVIDE AND INSTALL ALL REQUIRED BLOCKING, SHIMS, AND SEALANT FOR A COMPLETE INSTALLATION. WOOD TO BE PRESSURE TREATED WHERE APPLICABLE.

Floor Finish Legend	
SYMBOL	ABBREVIATIONS DESCRIPTIONS
	POURED EPOXY HYBRID FLOORING: 3/16" THICK HYBRI-FLEX EG FLOORING BY DUR-A-FLEX, EARTHSTONE CHIP BLEND OR MACRO CHIP COLOR OR APPROVED EQUAL IN (2) COLOR SCHEME AS SHOWN ON PLAN. INTEGRAL 6" EPOXY COVE BASE WITH MANUFACTURERS METAL TRANSITION BETWEEN WALL AND COVE BASE
ABBREVIATIONS	DESCRIPTIONS
AS	ADA ALUMINUM SADDLE
EJ	EXPANSION JOINT
AT	NEW ADA ALUMINUM LEVEL TRANSITION STRIP, REDUCER, OR RAMPED REDUCER
<u>SURFACE PREPARATION NOTE:</u>	
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.	
REFER TO FLOOR PATTERN PLANS OF INDIVIDUAL AREAS AND SPECIFICATION SECTION 035416 FOR ADDITIONAL INFORMATION. CONSULT INDIVIDUAL FLOORING MANUFACTURER TO VERIFY SURFACE PREPARATION REQUIREMENTS AND COMPATIBILITY.	

Interior Finish Notes	
1.	CONTRACTOR SHALL PREP ALL SUBFLOORS AS REQUIRED TO ACCEPT NEW FLOOR FINISHES
2.	FLOOR FINISH MATERIALS SHALL BE INSTALLED CONTINUOUS UNDER CASEWORK. INFORMATION ON PLANS ARE FOR DIAGRAMMATIC PURPOSES ONLY AND FLOOR FINISHES UNDER CASEWORK MAY NOT BE SHOWN FOR CLARITY.
3.	ALL FLOOR PENETRATIONS SHALL BE SEALED WITH LISTED/RATED MATERIAL TO MAINTAIN INTEGRITY AND CONTINUITY OF FIRE ASSEMBLIES.
4.	AT LOCATIONS WHERE THE EXISTING FLOOR FINISHES ARE TO REMAIN, DEMO ONLY AS MUCH AS REQUIRED TO ACCOMMODATE NEW FLOOR FINISHES. WALL BASE AT LOCATION SHALL MATCH EXISTING ADJACENT WALL BASE.
5.	COLORS, PATTERNS AND TEXTURES OF ALL FINISH MATERIALS SHALL BE SELECTED BY ARCHITECT/OWNER. PROVIDE SAMPLES FROM MANUFACTURER'S FULL RANGE AS REQUIRED

ADA ROOM SIGNAGE

- 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.

The diagram illustrates the components and requirements for ADA room signage. It includes a main sign layout with a pictogram field (6" min. height) and a room name field (48" min. height). A callout shows a circular sign with a pictogram and room name. A separate section details accessibility requirements: A.N.S.I. approved E.S. plastic noma rated self-extinguishing adhesive mounted, door, and lever handle (latch side).

SIGNAGE NOTES:

- ALL SIGNAGE SHALL CONFORM WITH THE ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES GUIDELINES IN ACCORDANCE WITH ICC/ANSI A117.1-2009.
- CONTRACTOR SHALL FURNISH AND INSTALL ALL REQUIRED SIGNAGE. COORDINATE ROOM NAMES AND NUMBERS WITH OWNER'S REQUIREMENTS, TYPICAL.
- SEE SPECIFICATION SECTION 101419 FOR SIGNAGE SCHEDULE AND ADDITIONAL INFORMATION.

A Do
N.T.S.

B Do
N.T.S.

C Do
N.T.S.

D Do
N.T.S.

Interior Finish Schedule													
Room No.	Room Name	Sub-Floor	Floor Finish	Base	Base Height	North Wall	East Wall	South Wall	West Wall	Signage Set	Notes	Ceiling	Ceiling Height
Lower Level													
001	Kitchen	CONC	EPXF	EXPC	6"	FRP	FRP	FRP	FRP	1		ACT	8'-6"
002	Corridor	CONC	EPXF	EXPC	6"	FRP	FRP	FRP	FRP	1		ACT	8'-6"

Finish Legend	
ABBREVIATIONS	DESCRIPTIONS
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.
FRP	FIBERGLASS REINFORCED PLASTIC (RFP) WALL PANEL. 4'X8' SHEET, CLASS A FINISH. TEXTURE AND COLOR AS SELECTED BY OWNER.
ETR	EXISTING TO REMAIN

Interior Finish General Notes

1. REFER TO FINISH LEGEND FOR FINISH DESCRIPTIONS.
2. REFER TO FLOOR FINISH LEGEND ON SHEET A2.01 FOR FLOOR PATTERNS
3. WHERE NEW WALLS / FINISHES INTERSECT EXISTING, CONTRACTOR SHALL FINISH / SEAL INTERSECTION OR GAPS TO ACHIEVE A FINISHED APPEARANCE THROUGHOUT.
4. 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.
5. CONTRACTOR SHALL COORDINATE FINISHES WITH INSTALLATION OF TOILET ACCESSORIES, PLUMBING FIXTURES, DOOR BUCKS, THRESHOLDS, LIGHTING FIXTURES, HVAC GRILLES, CASEWORK, FURNITURE, ETC.
6. CONTRACTOR SHALL COORDINATE FLOOR TRANSITIONS BETWEEN FINISH MATERIALS AND CHANGES IN ELEVATION TO BE BARRIER-FREE ADA COMPLIANT.
7. CONTRACTOR SHALL FURNISH AND INSTALL TRANSITION STRIP AT ALL CHANGES BETWEEN FLOOR FINISH MATERIALS AS REQUIRED TO BE BARRIER-FREE ADA COMPLIANT.
8. CONTRACTOR SHALL COORDINATE INSTALLATION OF FINISHES WITH RESPECTIVE TRADES TO ACCOMMODATE THE INSTALLATION OF PLUMBING, MECHANICAL, LIGHTING, ETC. REFER TO REFLECTED CEILING PLAN, CEILING FLOOR SCHEDULE AND DETAILS.
9. ALL FLOOR FINISH MATERIALS SHALL BE OF SLIP-RESISTANT SURFACE.
10. COLORS, PATTERNS AND TEXTURES OF ALL FINISH MATERIALS SHALL BE SELECTED BY **OWNER**. PROVIDE SAMPLES AS REQUIRED.
11. ALL ACCESS PANELS, HATCHES, GYPSUM BOARD SOFFITS, BULKHEADS, HVAC GRILLES AND REGISTERS SHALL BE PAINTED TO MATCH CEILING FINISHES UNLESS INDICATED OTHERWISE.
12. 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.
13. ALL FLOOR PENETRATIONS ARE REQUIRED TO BE SEALED WITH LISTED/RATED MATERIAL TO MAINTAIN 2-HOUR FIRE RATING OF THE FLOOR SLAB.
14. INSTALL PVC MOLDED CORNER GUARDS AT ALL EXTERIOR CORNERS OF METAL STUD AND GWB WALLS. COLOR TO MATCH WALL.
15. ALL DOOR FRAMES WITHIN AREAS OF WORK TO BE PAINTED, COLOR SELECTED BY OWNER.
16. CONTRACTOR SHALL PREP ALL SUBFLOORS AS REQUIRED TO ACCEPT NEW FLOOR FINISHES.
17. AT AREAS WHERE EXISTING FLOOR FINISHES ARE TO REMAIN, DEMO ONLY AS MUCH AS REQUIRED TO ACCOMMODATE NEW WORK. PROVIDE AND INSTALL NEW WALL BASE AT THESE LOCATIONS TO MATCH EXISTING ADJACENT WALL BASE.

Date	12/20/22
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Drawn	BP

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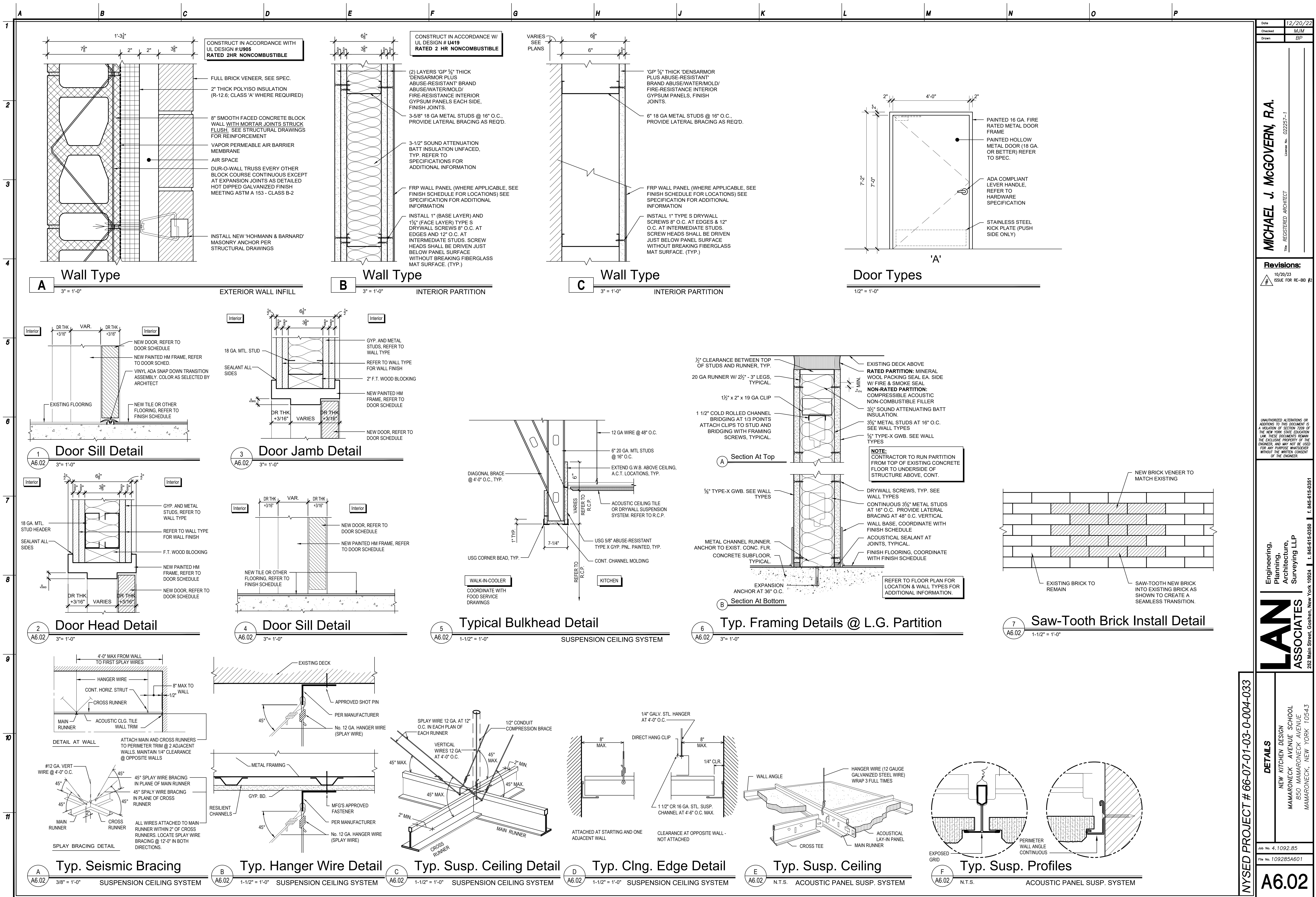
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SCHEDULES	NEW KITCHEN DESIGN MAMARONECK AVENUE SCHOOL 850 MAMARONECK AVENUE MAMARONECK, NEW YORK 10543
	A6.01



NYSED PROJECT # 66-07-01-03-0-004-033

DETAILS
NEW KITCHEN DESIGN
MAMARONECK AVENUE SCHOOL
850 MAMARONECK AVENUE
MAMARONECK, NEW YORK 10543

Job No. 4.1092.85
File No. 109285A601

A6.02

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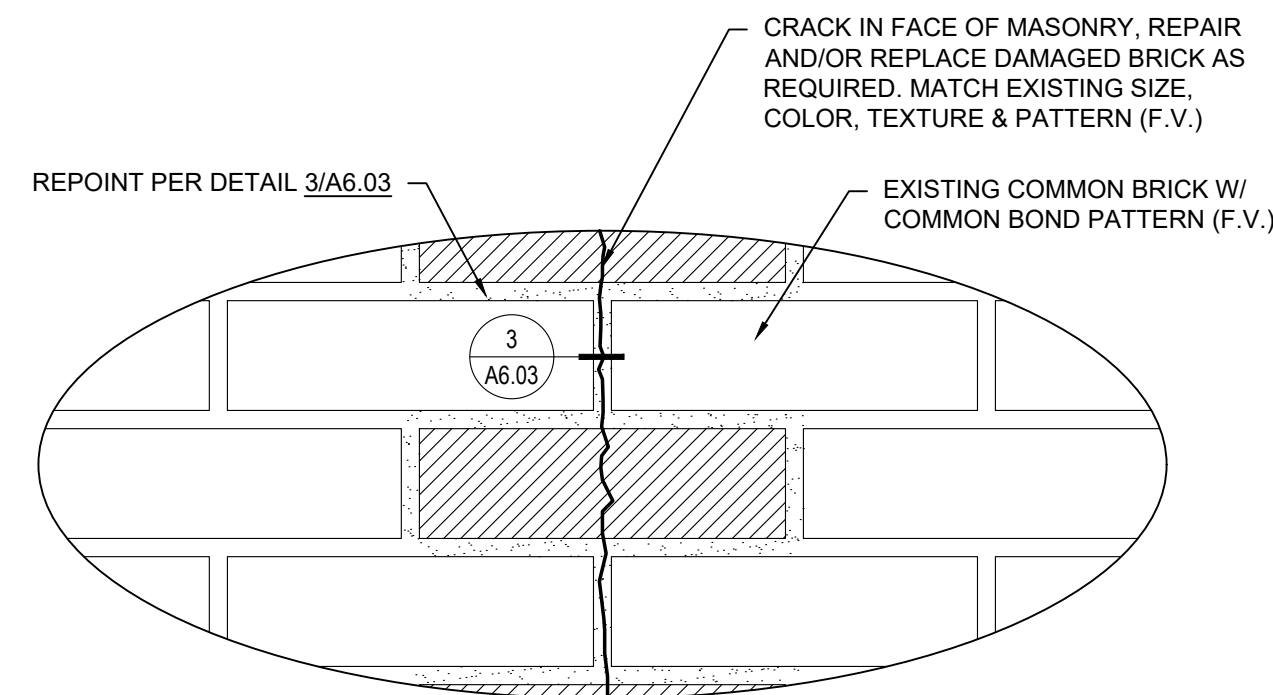
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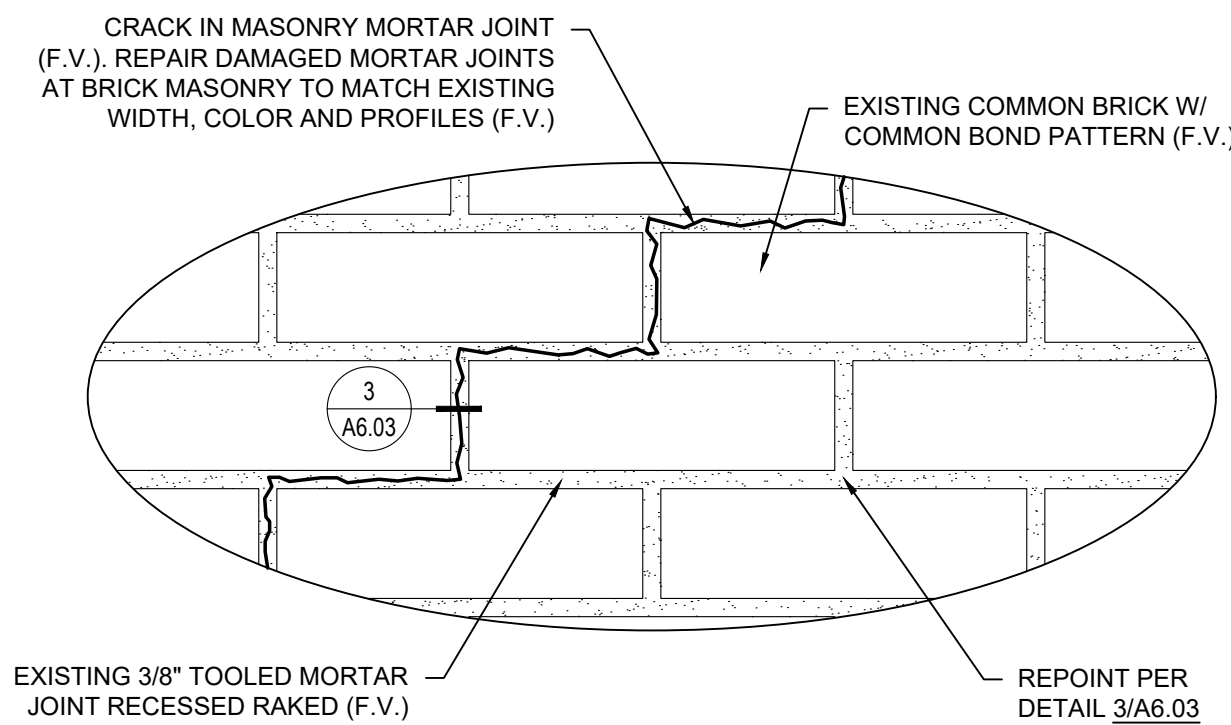
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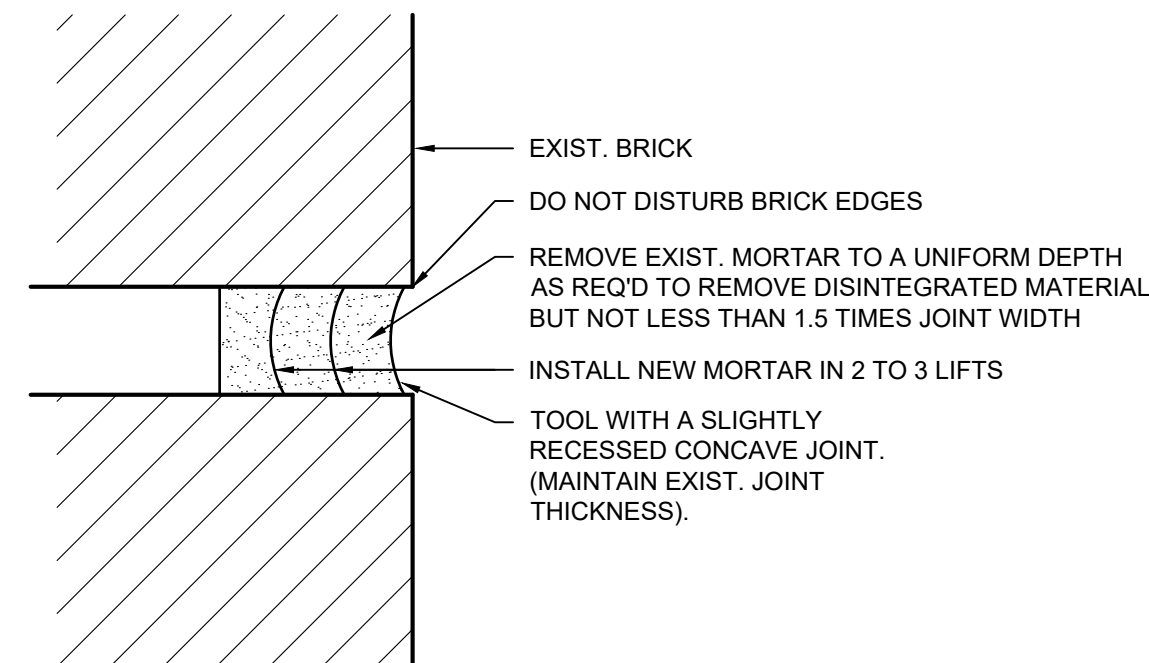
Cracked Brick Repair / Repointing

A6.03 N.T.S.



Repointing / Joint Repair

A6.03 N.T.S

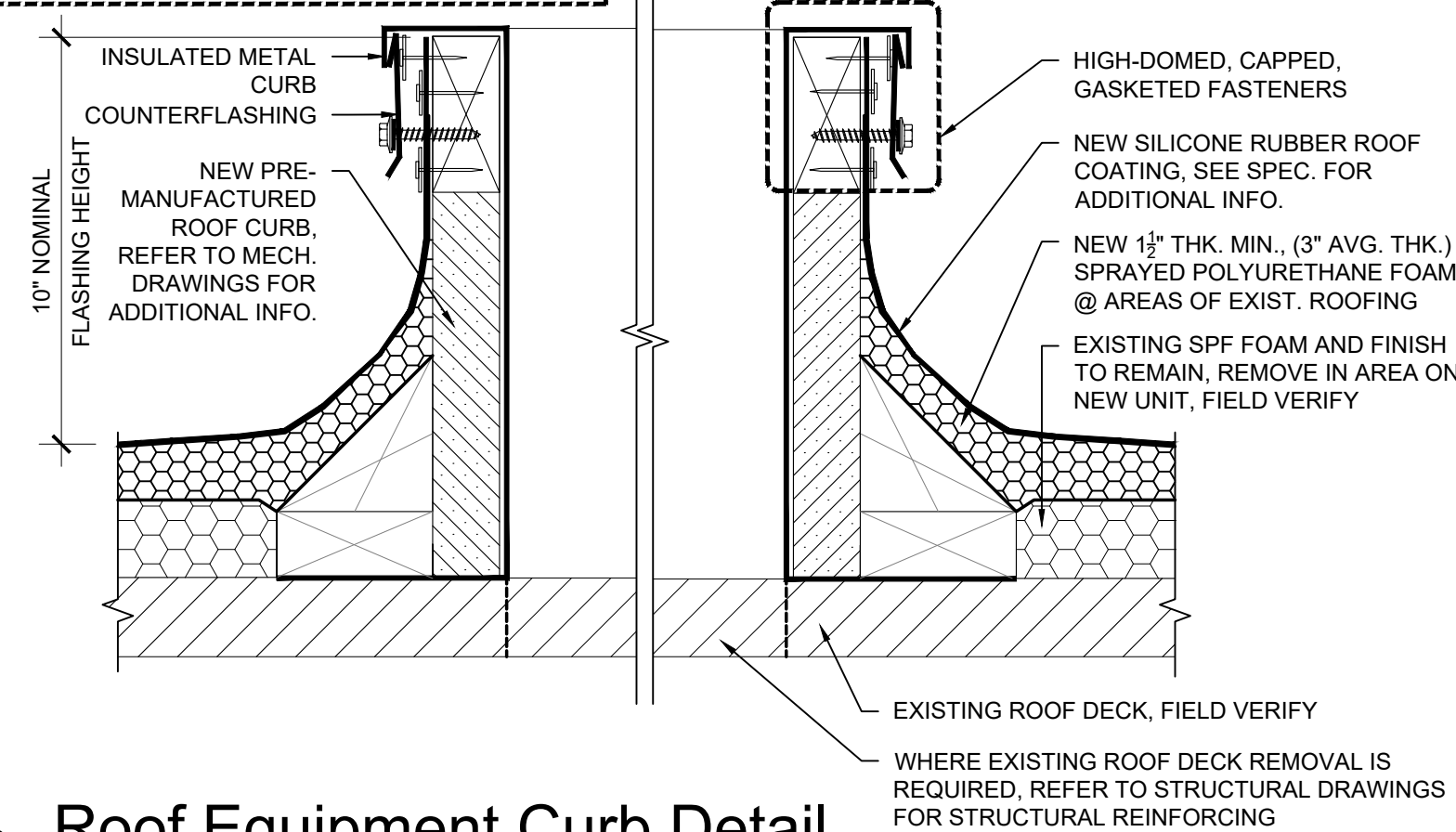
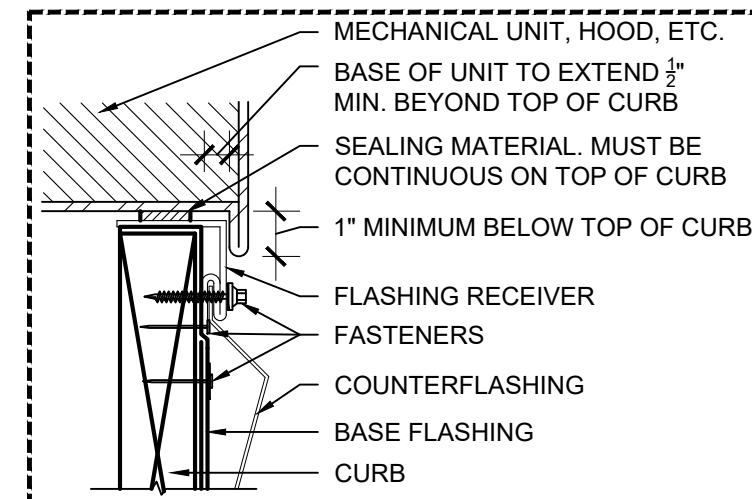


Brick Repointing Detail

A6.03 N.T.S.

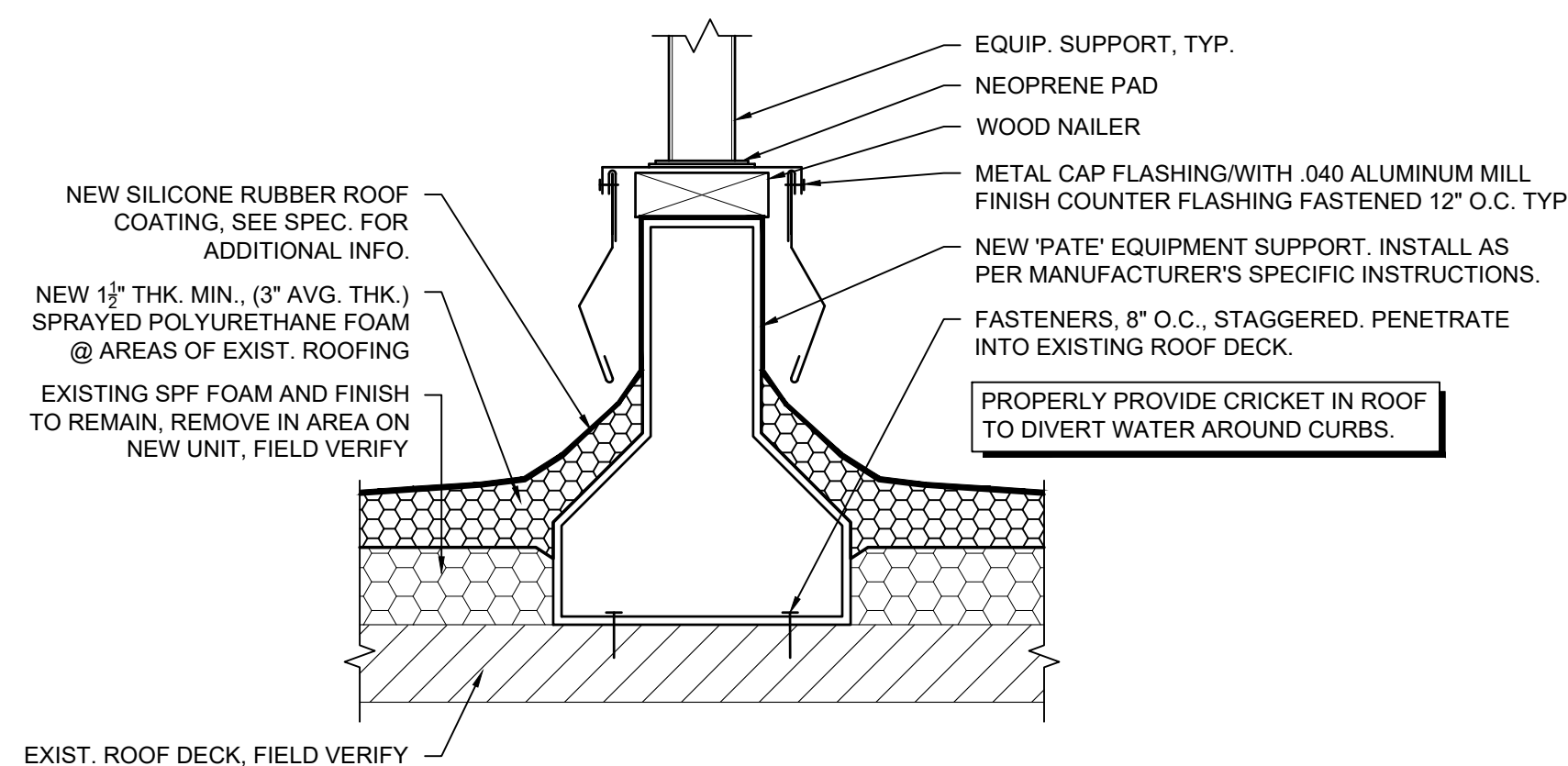
- MORTAR NOTES:**
- MORTAR IN NEW WALLS SHALL BE TYPE "S" MORTAR, TYP. COLOR TO BE SELECTED BY OWNER AND ARCHITECT. SUBMIT SAMPLES OF MORTAR TO ARCHITECT / OWNER FOR APPROVAL PRIOR TO COMMENCEMENT OF WORK.
 - REPLACEMENT MORTAR SHALL MATCH THAT OF EXISTING IN TYPE, COMPOSITION AND COLOR. CONTRACTOR SHALL TEST MORTAR FOR COMPOSITION TO RECREATE. PROVIDE SAMPLES TO OWNER/ARCHITECT FOR APPROVAL PRIOR TO COMMENCEMENT OF WORK.

- | <u>BRICK RE-POINTING CORRECTIVE PROCEDURE:</u> | |
|---|--|
| 1. | CLEAN OUT CRACK OF ALL LOOSE MORTAR, BRICK, CONTAMINANTS, AND IMPURITIES. |
| 2. | ROUT CRACK TO 1/8" MIN. WIDTH. |
| 3. | PRIME ALL SURFACES TO RECEIVE SEALANT, WITH APPROVED PRIMER, AS PER SEALANT MANUFACTURER'S SPECIFICATIONS. |
| 4. | MASK ALL ADJOINING SURFACES WITH TAPE TO ENSURE A NEAT JOB AND TO PROTECT ADJOINING SURFACES. |
| 5. | INSERT BACKUP MATERIAL INTO JOINT. |
| 6. | APPLY SEALANT. |
| 7. | REMOVE MASKING TAPE IMMEDIATELY AFTER THE FINISH TOOLING OF THE SEALANT IS ACCOMPLISHED AND BEFORE THE SEALANT BEGINS TO CURE. |
| 8. | THE SEALANT SHALL MEET FEDERAL SPEC. TT-S-00230C TYPE II, CLASS A. THE SEALANT SHALL BE APPLICABLE IN VERTICAL JOINTS. COLOR OF THE SEALANT SHALL MATCH COLOR OF EXIST. BRICK. |



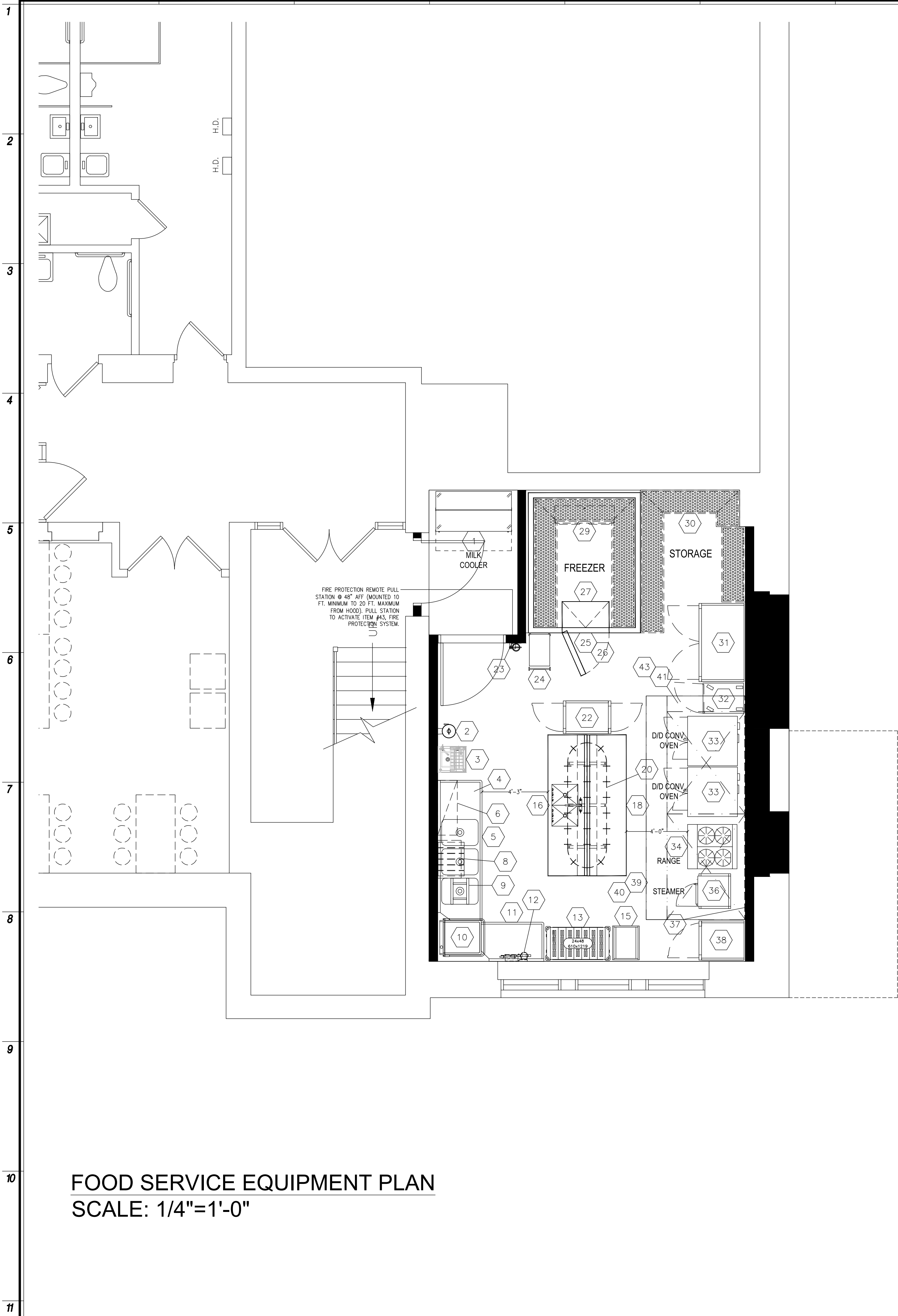
Roof Equipment Curb Detail

A6.03 3" = 1'-0"



Equipment Curb Detail

A6.03 3" = 1'-0"



FOOD SERVICE EQUIPMENT PLAN
SCALE: 1/4"=1'-0"

GENERAL CONTRACTOR NOTES:

- UNLESS OTHERWISE INDICATED, KITCHEN EQUIPMENT CONTRACTOR (K.E.C.) IS A SUBCONTRACTOR TO THE GENERAL CONTRACTOR.
- GENERAL CONTRACTOR TO COORDINATE FINAL LOCATION OF CONDENSING UNITS WITH KITCHEN EQUIPMENT CONTRACTOR, ARCHITECT AND OWNER.
- GENERAL CONTRACTOR TO VERIFY WITH ARCHITECT AND STRUCTURAL ENGINEER THAT THE ROOF WILL SUPPORT THE CONDENSING UNITS IN THE FINAL LOCATIONS.
- REFRIGERATION SIZING & ITS REFRIGERANT LINE RUNS ARE BASED ON A MAXIMUM HORIZONTAL LINE RUN OF 65'-0" (65 FEET) AND A VERTICAL LINE RUN OF 35'-0" (35 FEET).
- IF THE CONDENSING UNITS ARE LOCATED MORE THAN 100'-0" AWAY FROM THE WALK-IN BOX, GENERAL CONTRACTOR TO NOTIFY KITCHEN EQUIPMENT CONTRACTOR PRIOR TO INSTALLATION OF ROOF CURBS, PITCH POCKETS AND CONDENSING UNITS.
- IF WALLS ARE FIRE RATED, GENERAL CONTRACTOR TO USE METAL STUDS FOR WALL BLOCKING IN PLACE OF PLYWOOD.

GENERAL MECHANICAL NOTES:

- ROUGH-INS SHOWN ON THE FOOD SERVICE DRAWINGS ARE FOR EQUIPMENT BEING SUPPLIED BY KITCHEN EQUIPMENT CONTRACTOR ONLY. ADDITIONAL ROUGH-INS SHOWN OR NOT SHOWN ON THESE DRAWINGS FOR EQUIPMENT BEING RELOCATED, RE-USED OR SUPPLIED BY OTHERS WILL HAVE TO BE VERIFIED BY GENERAL CONTRACTOR PRIOR TO ROUGH-INS BEING INSTALLED.
- THE MECHANICAL PLANS, IF APPLICABLE, ARE PREPARED AS AN ACCOMMODATION AND GUIDE ONLY, TO INDICATE MECHANICAL REQUIREMENTS NECESSARY TO OPERATE THE EQUIPMENT. DEVIATIONS FROM THE MECHANICAL WORK SHOWN ON THESE PLANS AND EXECUTION OF SUCH WORK IS WITHOUT RESPONSIBILITY OF RAYMOND/ RAYMOND ASSOCIATES. DATA ON THIS SHEET IS TO BE REVIEWED BY OWNER AND/OR ARCHITECT AND IS TO BE INCORPORATED INTO THE BUILDING MECHANICAL PLANS IN ACCORDANCE WITH LOCAL CODES AT THE SITE.
- OWNER AND/OR ARCHITECT IS TO SUBMIT THIS PLAN SET TO LOCAL HEALTH DEPARTMENT FOR APPROVAL UNLESS OTHERWISE SPECIFIED.
- ALL EQUIPMENT DESIGNED AND SPECIFIED, PER THIS SET OF PLANS, BY RAYMOND/ RAYMOND ASSOCIATES, HAS THE UNDERWRITERS' LABORATORIES AND NATIONAL SANITATION FOUNDATION SEALS OF APPROVAL, AND IS TO BE FURNISHED AS SUCH BY THE KITCHEN EQUIPMENT CONTRACTOR.
- KITCHEN EQUIPMENT CONTRACTOR TO SET IN PLACE, EQUIPMENT AT THE SITE IN ACCORDANCE WITH THESE PLANS AND TERMS OF CONTRACT WITH OWNER.
- ALL PLUMBING, ELECTRICAL AND VENTILATION WORK, INCLUDING "ROUGH-INS, INTERCONNECTIONS BETWEEN COUNTERS, CONTROLS, SWITCHES, ETC..." AND "FINAL CONNECTIONS" TO THE EQUIPMENT, IS TO BE PERFORMED BY APPROPRIATE TRADES. IT IS NOT PART OF THE KITCHEN EQUIPMENT CONTRACTORS SCOPE OF WORK UNLESS OTHERWISE SPECIFIED.
- TO EXPEDITE AND INSURE PROPER INSTALLATION OF COOKING EQUIPMENT, IT IS RECOMMENDED THAT "ALL FINAL CONNECTIONS" ARE TO BE PERFORMED BY APPROPRIATE TRADES AT THE SAME TIME THE KITCHEN EQUIPMENT CONTRACTOR IS SETTING THE EQUIPMENT IN PLACE.

ELECTRICAL CONTRACTOR NOTES:

- ELECTRICAL ROUGH-INS SHOWN ON THE FOOD SERVICE DRAWINGS ARE "POINT OF CONNECTION" OR "CONNECTED LOAD" DRAWINGS ONLY. REFER TO ENGINEERING DRAWINGS FOR FURTHER DETAILS & INFORMATION.
- FURNISH & INSTALL REQUIRED CONVENIENCE RECEPTACLES AS PER LOCAL CODE HAVING JURISDICTION AND PER OWNERS REQUESTS/ NEEDS.
- VERIFY IF CONVENIENCE RECEPTACLES ARE TO BE GFCI PER LOCAL CODE HAVING JURISDICTION.
- MOUNTING HEIGHTS GIVEN ARE TO CENTERLINE OF DEVICE UNLESS OTHERWISE NOTED.
- FLOOR MOUNTED DEVICES ARE TO BE MOUNTED WITH A 5 3/4" MAXIMUM HEIGHT TO TOP OF BOX.
- FURNISH & INSTALL ALL RECEPTACLES, J-BOXES, SWITCHES, INTER-WIRING, DISCONNECT SWITCHES, MOTOR STARTERS AND/OR TRANSFORMERS OR ANY OTHER ELECTRICAL DEVICE REQUIRED TO MAKE EQUIPMENT OPERATIONAL. THIS IS NOT PART OF THE KITCHEN EQUIPMENT CONTRACTORS SCOPE OF WORK UNLESS OTHERWISE SPECIFIED.
- ALL POWER CONNECTION POINTS UNDER EXHAUST HOODS ARE TO BE SHUT DOWN UPON FIRE SUPPRESSION SYSTEM ACTIVATION PER NFPA 96. FURNISH & INSTALL SHUNT-TRIP BREAKERS FOR THESE CIRCUITS.
- VERIFY, FURNISH AND INSTALL REQUIRED ELECTRICAL ROUGH-INS FOR ALL EQUIPMENT BEING SUPPLIED.

PLUMBING CONTRACTOR NOTES:

- PLUMBING ROUGH-INS SHOWN ON THE FOOD SERVICE DRAWINGS ARE "POINT OF CONNECTION" OR "CONNECTED LOAD" DRAWINGS ONLY. REFER TO ENGINEERING DRAWINGS FOR FURTHER DETAILS & INFORMATION.
- FURNISH & INSTALL SHUT-OFF VALVES ON THE INLET SIDE OF THE COLD & HOT WATER LINES SERVING EACH PIECE OF EQUIPMENT.
- IF WATER PRESSURE AT THE EQUIPMENT AREA EXCEEDS 50 POUNDS FLOW PRESSURE OWNER OR HIS CONTRACTOR MUST INSTALL A PRESSURE REDUCING VALVE ON BOTH THE MAIN HOT WATER & COLD WATER SUPPLY LINES SERVICING THE AREA.
- FLOW PRESSURE TO DISHWASHER (OR ITS AUXILIARY HOT WATER BOOSTER HEATER IF ONE IS USED) MUST NOT EXCEED 20 POUNDS.
- OWNER OR THEIR CONTRACTOR MUST PROVIDE AN ADEQUATE SUPPLY OF 110° F HOT WATER, MINIMUM, TO ALL COOKING EQUIPMENT, DISHWASHER, BOOSTER HEATER, WORK SINKS, HAND SINKS, ETC.
- IF WATER EXCEEDS TEN GRAINS OF HARDNESS, EXCESSIVE LIME, IRON, ALKALINE, ETC... CONDITIONS ARE PRESENT, PROPER WATER CONDITIONING EQUIPMENT MUST BE INSTALLED ON THE MAIN WATER LINES SERVING THIS FOOD SERVICE FACILITY. ALL WATER CONDITIONING EQUIPMENT SHALL BE FURNISHED, INSTALLED & MAINTAINED BY OTHERS.
- USING PVC PIPING FOR DRAIN LINES FROM EQUIPMENT THAT DISCHARGES HOT WATER SUCH AS STEAMERS & DISHWASHERS MAY CAUSE THE P.V.C. PIPING TO SOFTEN OR CRACK. IT IS RECOMMENDED THAT METAL (COPPER OR GALVANIZED) PIPING BE USED.
- CHECK WITH LOCAL CODES TO DETERMINE WHAT EQUIPMENT IS TO BE PIPED THROUGH A GREASE TRAP. EQUIPMENT NOTED ON FOOD SERVICE CONTRACT DRAWINGS ARE REQUIRED/ RECOMMENDED AND SHOULD BE VERIFIED FOR COMPLIANCE.
- FURNISH & INSTALL GREASE TRAP(S) AS REQUIRED OR AS INDICATED ON ENGINEERING CONTRACT DOCUMENTS.
- FURNISH & INSTALL GAS SHUT-OFF VALVE IN GAS MAIN FEEDING ALL COOKING EQUIPMENT PRIOR TO ANY TEES OR GAS LOOP FEEDING COOKING EQUIPMENT. GAS SHUT-OFF VALVE IS RECOMMENDED TO BE INSTALLED IN ACCESSIBLE CEILING SPACE OR BELOW FLOOR WITH ACCESS TO VALVE.
- FURNISH & INSTALL FLOOR DRAINS AND/OR FLOOR SINKS AS PER LOCAL CODE HAVING JURISDICTION AND OWNERS REQUEST.
- REVIEW ALL CATALOG DATA PROVIDED AS PART OF THE FOOD SERVICE CONTRACT DOCUMENTS TO ESTABLISH THE NECESSARY GAS PRESSURE TO THE KITCHEN EQUIPMENT.
- IF GAS PRESSURE ON MAIN LINE FEEDING KITCHEN EQUIPMENT EXCEEDS 14" W.C. FURNISH & INSTALL GAS PRESSURE REDUCING VALVE ON MAIN GAS LINE, SO THAT THE PRESSURE IS EQUAL TO 14" W.C. EXCESSIVE GAS PRESSURE TO THE EQUIPMENT CAN DAMAGE THE EQUIPMENT AND CAUSE PERSONAL INJURY.
- FURNISH & INSTALL ALL WATER LINES, DRAIN LINES, GAS LINES, MANIFOLDS, SHUT-OFF/GATE VALVES, PRESSURE REDUCING VALVES, BACKFLOW PREVENTERS, VACUUM BREAKERS, ETC. OR ANY OTHER PLUMBING DEVICE REQUIRED TO MAKE EQUIPMENT OPERATIONAL. THIS IS NOT PART OF THE KITCHEN EQUIPMENT CONTRACTORS SCOPE OF WORK UNLESS OTHERWISE SPECIFIED.
- EXTEND ALL WATER LINES, DRAIN LINES & ASSOCIATED VALVES FOR DROP-IN OR BUILT-IN EQUIPMENT WITHIN COUNTERS TO WORKING SIDE FOR EASE OF ACCESSIBILITY & USE.
- FURNISH & INSTALL INTERCONNECTIONS BETWEEN BOOSTER HEATER & DISHWASHER AS WELL AS GENERATOR & STEAM EQUIPMENT.
- VERIFY, FURNISH & INSTALL REQUIRED PLUMBING ROUGH-INS FOR ALL EQUIPMENT BEING SUPPLIED.

NOTE:
THE SCOPE OF WORK DISPLAYED ON THIS DRAWING IS TO BE PROVIDED BY THE KITCHEN EQUIPMENT CONTRACTOR (KEC) UNDER THE FOOD SERVICE CONTRACT, UNLESS SPECIFICALLY STATED OTHERWISE. REFER TO MULTIPLE PRIME CONTRACT NOTES ON SHEET TO.01 FOR ADDITIONAL INFORMATION.

Date	12/20/22
Checked	RRA
Drawn	B.J.F
MICHAEL J. McGOVERN, R.A. The REGISTERED ARCHITECT License No. 022257-1	

Revisions:	
10/20/23	ISSUE FOR RE-BID #2
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Engineering, Planning, Architecture, Surveying LLP	252 Main Street, Goshen, New York 10924 t. 845-615-0350 f. 845-615-0351
LAN ASSOCIATES	

FOOD SERVICE EQUIPMENT PLAN NEW KITCHEN DESIGN	
MAMARONECK AVENUE SCHOOL 850 MAMARONECK AVENUE MAMARONECK, NEW YORK 10543	
Job No. 4,1092.85	
File No. -	
FS.1	

NYSED PROJECT # 66-07-01-03-0-004-033

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HOOD INFORMATION – JOB#5699819

HOOD NO	TAG	MODEL	MANUFACTURER	LENGTH	MAX COOKING TEMP	TYPE	APPLIANCE DUTY	DESIGN CFM/FT	TOTAL EXH CFM	EXHAUST PLENUM RISER(S)							TOTAL SUPPLY CFM	HOOD CONSTRUCTION	HOOD CONFIG	
										WIDTH	LENG	HEIGHT	DIA	CFM	VEL	SP			END TO END	RDW
1	Left	6024 ND-2-PSP-F	CAPTIVEAIRE	6' 8"	450 DEG	I	MEDIUM	195	1300			4'	12"	1300	1655	-0.591"	102S	430 SS 100%	LEFT	ALONE
2	Right	6024 ND-2-PSP-F	CAPTIVEAIRE	6' 8"	450 DEG	I	MEDIUM	195	1300			4'	12"	1300	1655	-0.591"	1150	430 SS 100%	RIGHT	ALONE

HOOD INFORMATION

HOOD NO	TAG	TYPE	FILTER(S)				LIGHT(S)			LOCATION	SIZE	UTILITY CABINET(S)				FIRE SYSTEM PIPING	HOOD HANGING WEIGHT
			QTY	HEIGHT	LENGTH	EFFICIENCY @ 7 MICRONS	QTY	TYPE	WIRE GUARD			FIRE SYSTEM		ELECTRICAL	SWITCHES		
												TYPE	SIZE				
1	Left	CAPTRATE SOLID FILTER	4	20"	16"	85% SEE FILTER SPEC	3	RECESSED ROUND	NO							YES	415 LBS
2	Right	CAPTRATE SOLID FILTER	4	20"	16"	85% SEE FILTER SPEC	3	RECESSED ROUND	NO	RIGHT	12"x60"x24"	TANK FS	4.0/4.0	DCV-1111	1 LIGHT 1 FAN	YES	747 LBS

HOOD OPTIONS

HOOD NO	TAG	OPTION
1	Left	FIELD WRAPPER 18.00" HIGH FRONT, LEFT. BACKSPLASH 80.00" HIGH X 172.00" LONG 430 SS VERTICAL. STRUCTURAL FRONT PANEL. RISER SENSOR INSTALL 6IN PLEN
2	Right	FIELD WRAPPER 18.00" HIGH FRONT, RIGHT. STRUCTURAL FRONT PANEL. RISER SENSOR INSTALL 6IN PLEN

PERFORATED SUPPLY PLENUM(S)

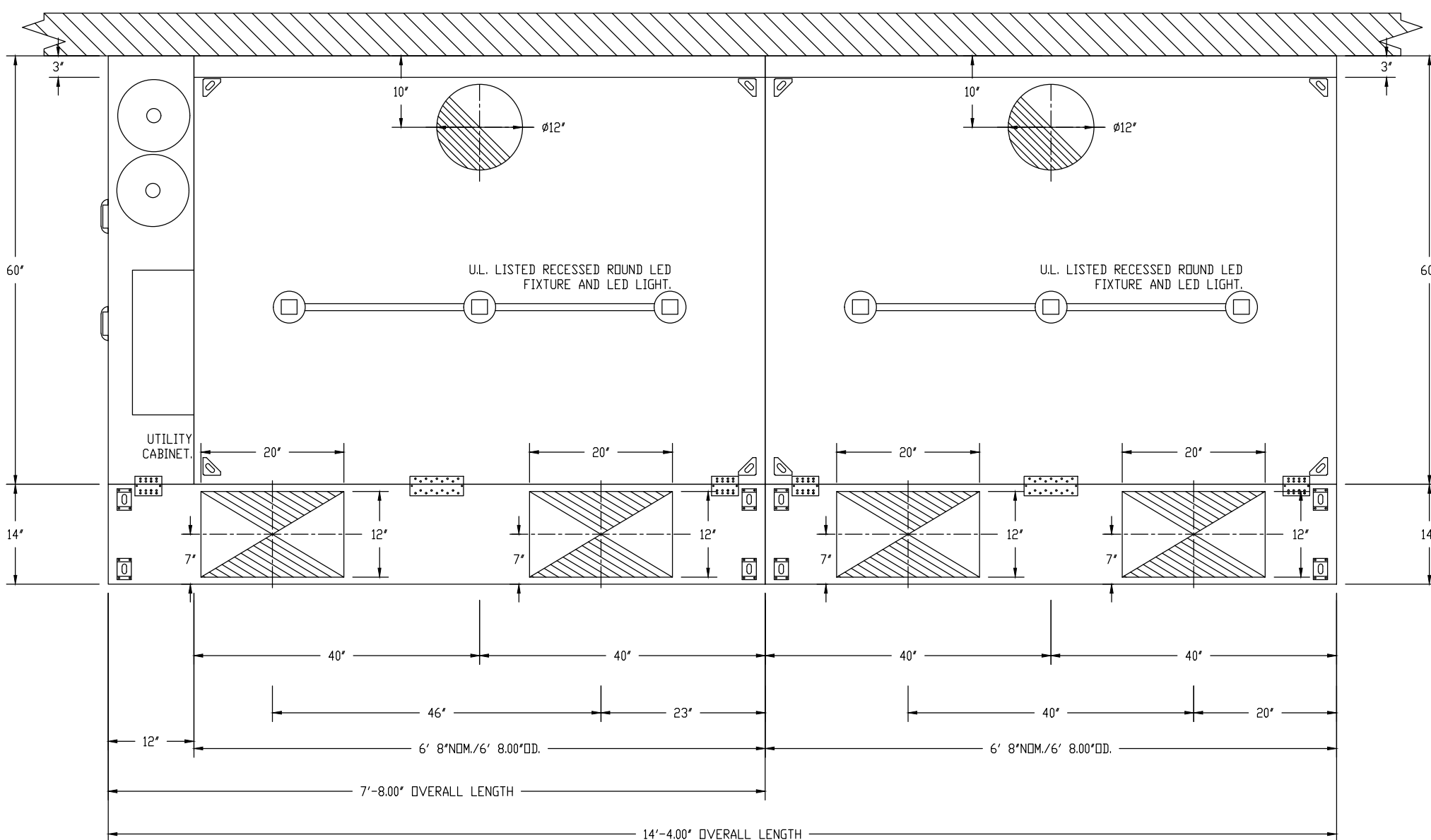
HOOD NO	TAG	PDS	LENGTH	WIDTH	HEIGHT	TYPE	RISER(S)			
							WIDTH	LENG	DIA	CFM
1	Left	Front	80"	14"	6"	MUA	12"	20"		512 0.144"
2	Right	Front	92"	14"	6"	MUA	12"	20"		575 0.179"

FIRE SYSTEM INFORMATION – JOB#5699819

FIRE SYSTEM NO	TAG	TYPE	SIZE	FLOW POINTS	INSTALLATION	
					SYSTEM	LOCATION ON HOOD
1	FS	TANK FS	4.0/4.0	26	FIRE CABINET RIGHT	RIGHT, HOOD 2

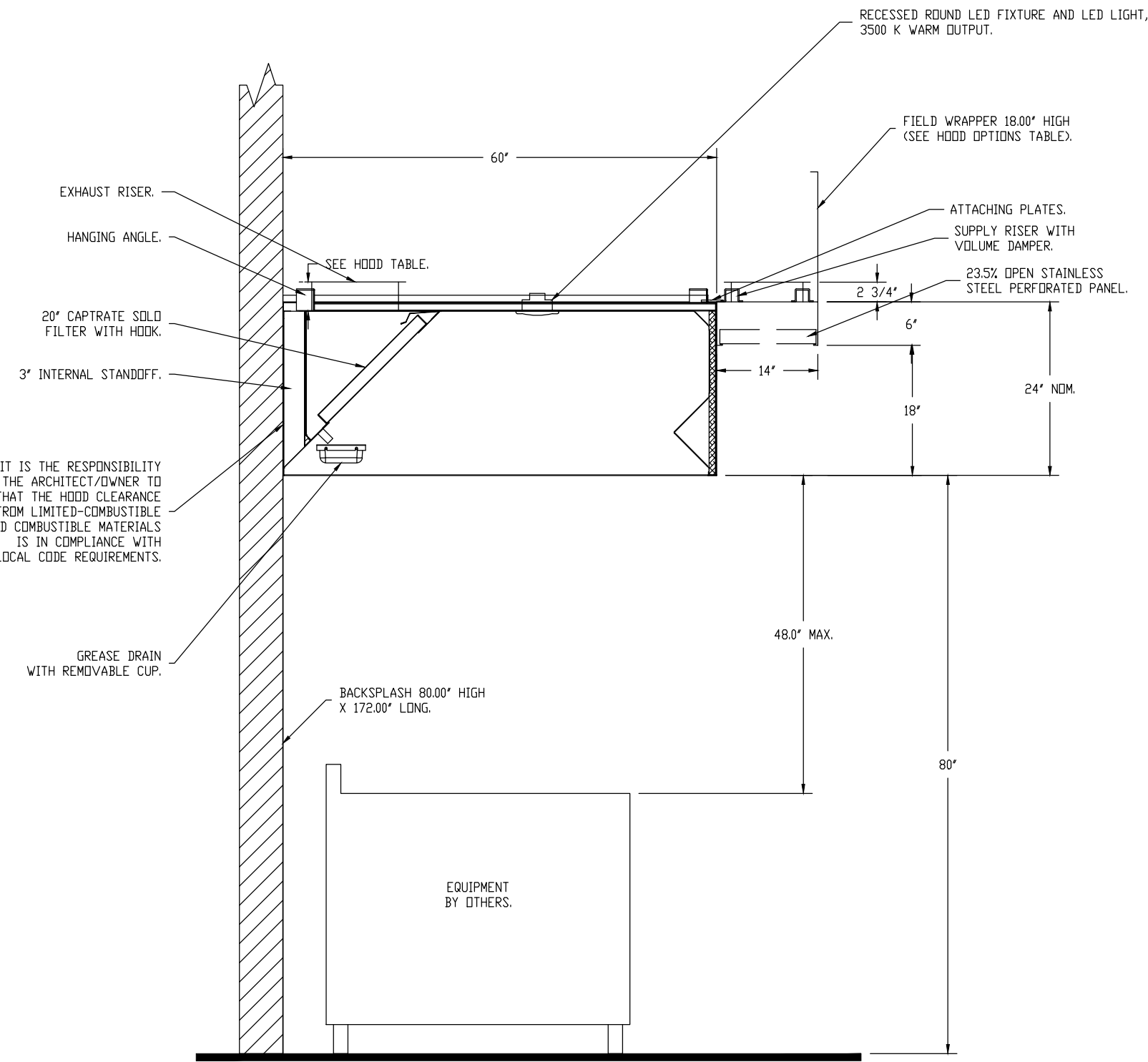
GAS VALVE(S)

FIRE SYSTEM NO	TAG	TYPE	SIZE	SUPPLIED BY
1	FS	SC ELECTRICAL	2.000	CAPTIVEAIRE SYSTEMS



PLAN VIEW – HOOD #1 (Left)
6' 8.00" LONG 6024ND-2-PSP-F

PLAN VIEW – HOOD #2 (Right)
6' 8.00" LONG 6024ND-2-PSP-F



SECTION VIEW – MODEL 6024ND-2-PSP-F
HOOD – #1 (Left)
HOOD – #2 (Right)

SPECIFICATION: CAPTRATE® GREASE-STOP® SOLID FILTER

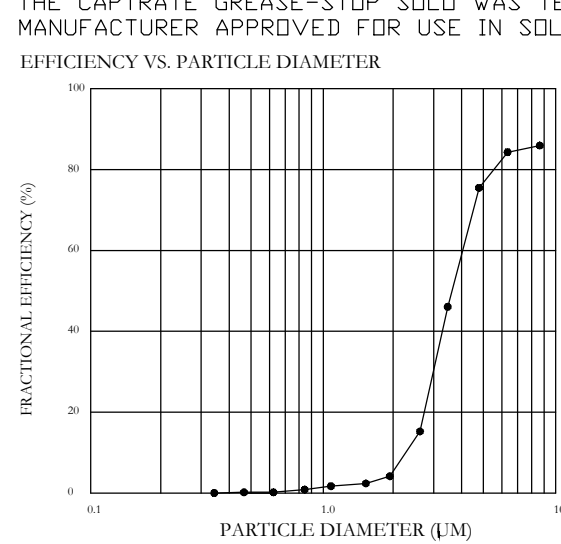
THE CAPTRATE GREASE-STOP SOLID FILTER IS A SINGLE-STAGE FILTER FEATURING A UNIQUE S-Baffle DESIGN IN CONJUNCTION WITH A SLOTTED REAR Baffle DESIGN, TO DELIVER EXCEPTIONAL FILTRATION EFFICIENCY.

FILTER IS STAINLESS STEEL CONSTRUCTION, AND SIZED TO FIT INTO STANDARD 2-INCH DEEP HOOD CHANNEL(S).

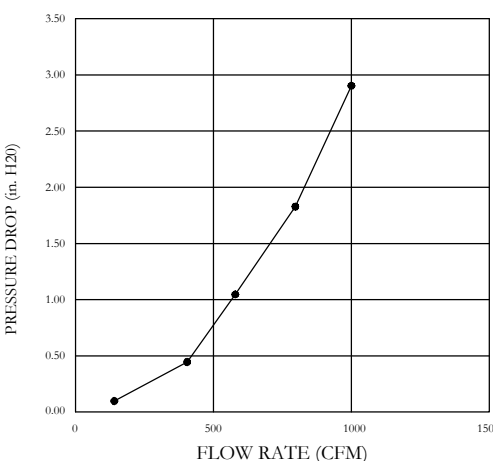
UNITS SHALL INCLUDE STAINLESS STEEL HANDLES AND A FASTENING DEVICE TO SECURE THE TWO COMPONENTS WHEN ASSEMBLED.

GREASE EXTRACTION EFFICIENCY PERFORMANCE SHALL REMOVE AT LEAST 75% OF GREASE PARTICLES FIVE MICRONS IN SIZE, AND 85% GREASE PARTICLES SEVEN MICRONS IN SIZE AND LARGER, WITH A CORRESPONDING PRESSURE DROP NOT TO EXCEED 1.0 INCHES OF WATER GAUGE. THE CAPTRATE GREASE-STOP SOLID WAS TESTED TO ASTM STANDARD ASTM F2519-05. MANUFACTURER APPROVED FOR USE IN SOLID FUEL APPLICATIONS AS A SPARK ARRESTER.

EFFICIENCY VS. PARTICLE DIAMETER



PRESSURE DROP VS. FLOW RATE

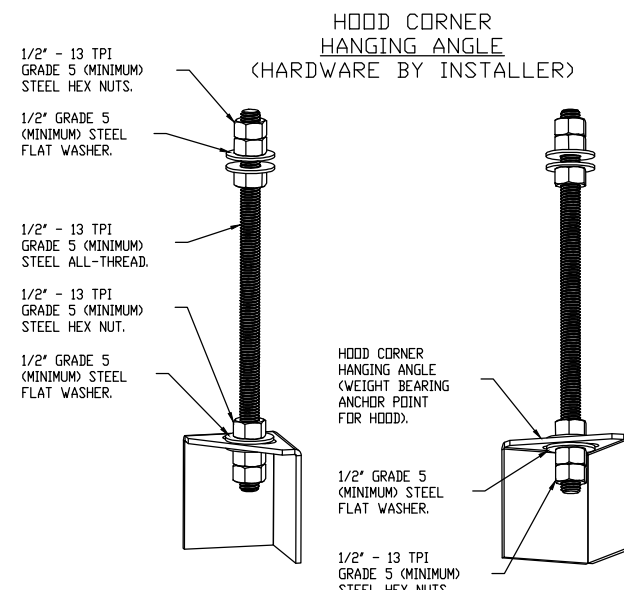


CAPTRATE FILTERS ARE BUILT IN COMPLIANCE WITH:
NFPA #96.
NSF STANDARD #2.
UL STANDARD #1046.
INT. MECH. CODE (IMC).
ULC-S649.



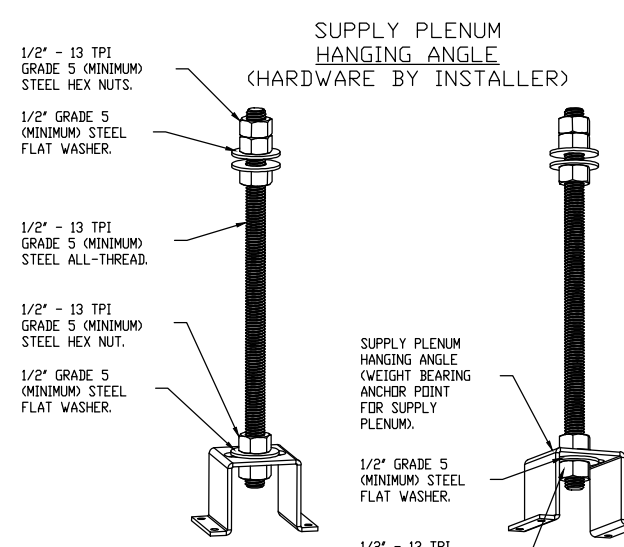
VERIFY CEILING HEIGHT

Height required to verify hood will fit and to size the enclosure panels (wrappers)



ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" – 13 TPI GRADE 5 (MINIMUM) ALL-THREAD, SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" – 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION BENEATH HOOD HANGING ANGLES AND ABOVE CEILING ANCHORS. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.



ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" – 13 TPI GRADE 5 (MINIMUM) ALL-THREAD, SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" – 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION ABOVE CEILING ANCHORS. SINGLE HEX NUT BENEATH HANGING ANGLE IS ACCEPTABLE FOR PSP HANGING ANGLES. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.

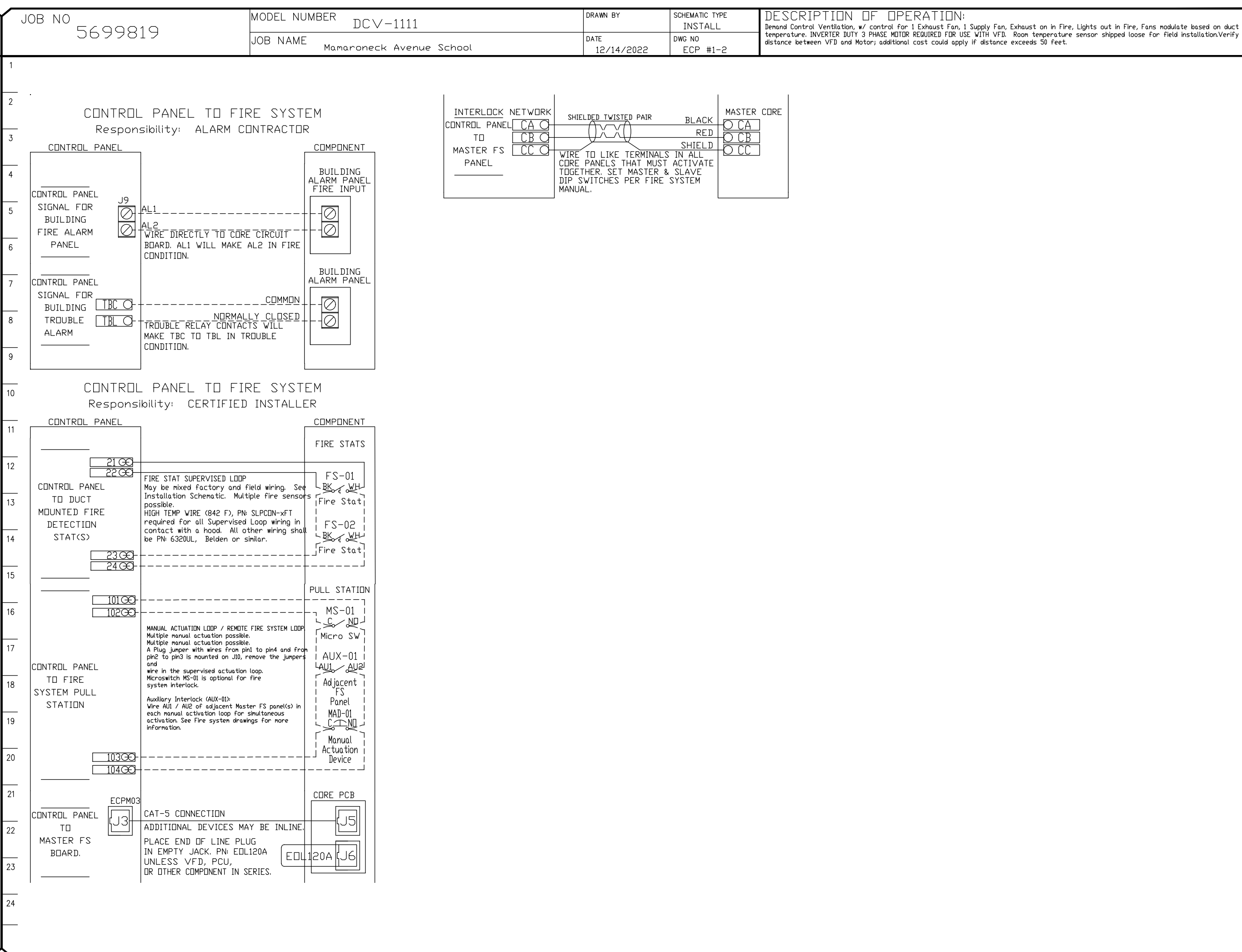
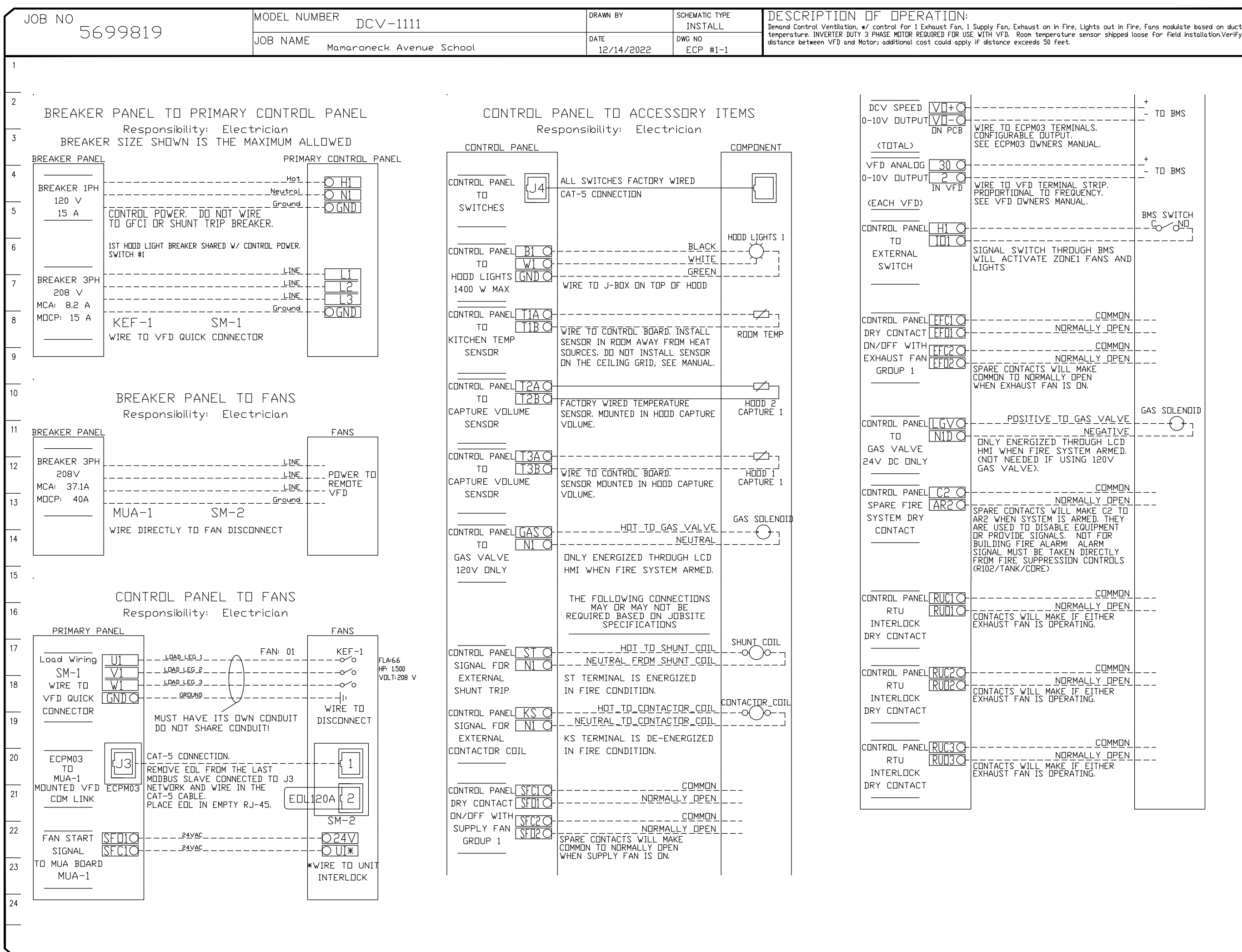
FOR QUESTIONS, CALL THE
N. NJ & S. NY
REGION 69
PHONE: (201) 669-4982
EMAIL: reg69@captiveaire.com

CAPTIVE-AIRE HOODS ARE
BUILT IN COMPLIANCE WITH
NFPA #96
UL 710 & ULC710 STANDARDS
E.T.L. LISTED 3054804-001
IMC 2018
SECTIONS 506, 507, & 508

NOTE:
THE SCOPE OF WORK DISPLAYED ON THIS
DRAWING IS TO BE PROVIDED BY THE KITCHEN
EQUIPMENT CONTRACTOR (KEC) UNDER THE
FOOD SERVICE CONTRACT, UNLESS
SPECIFICALLY STATED OTHERWISE. REFER TO
MULTIPLE PRIME CONTRACT NOTES ON SHEET
TO.01 FOR ADDITIONAL INFORMATION.

ELECTRICAL PACKAGE - JOB#5699819

NO	TAG	PACKAGE #	LOCATION	SWITCHES		OPTION	FANS CONTROLLED					
				LOCATION	QUANTITY		FAN TAG	TYPE	Ø	HP	VOLT	FLA
1	Controls	DCV-1111	UTILITY CABINET RIGHT	UTILITY CABINET RIGHT	1 LIGHT	SMART CONTROLS DCV	KEF-1	EXHAUST	3	1,500	208	6.6
				HDD # 2	1 FAN		MUA-1	SUPPLY	3	2,000	208	6.6



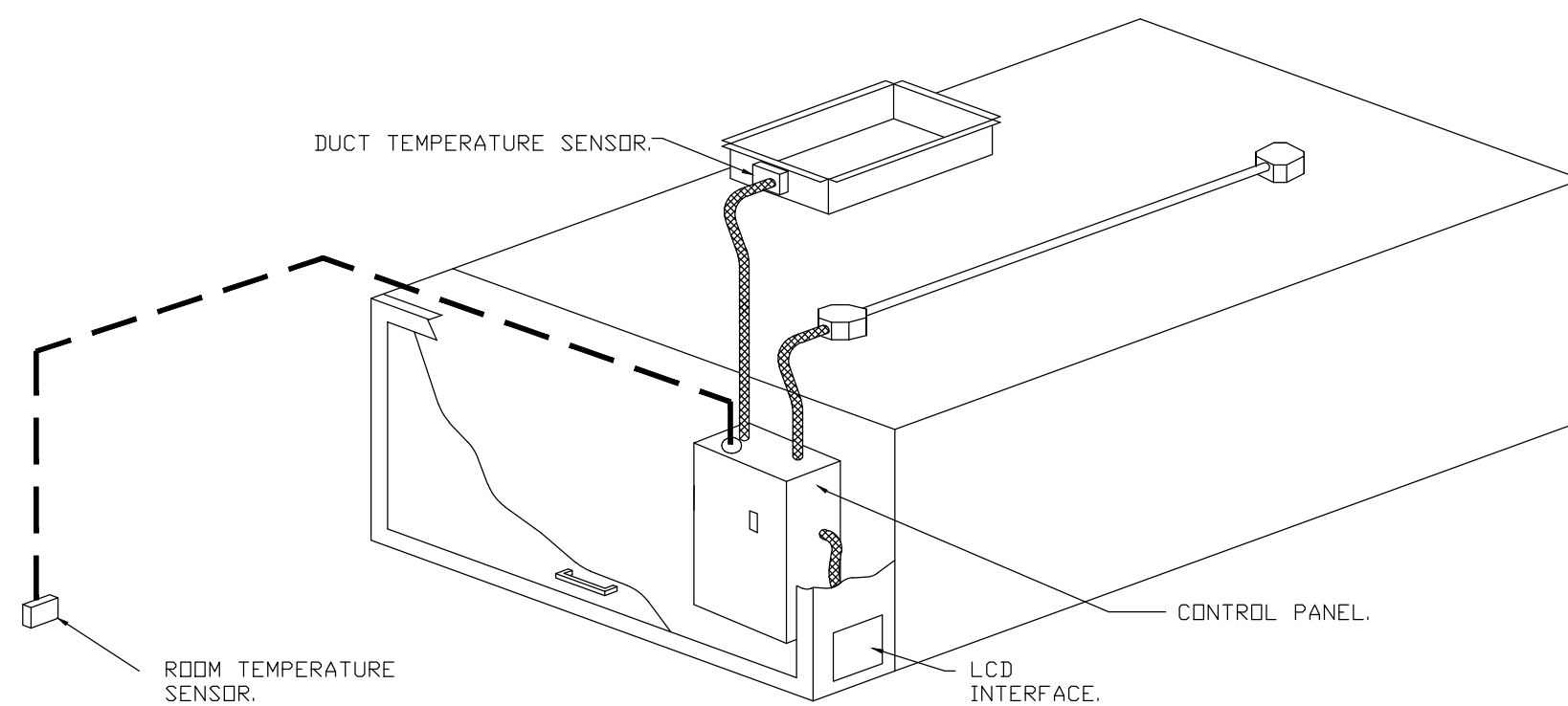
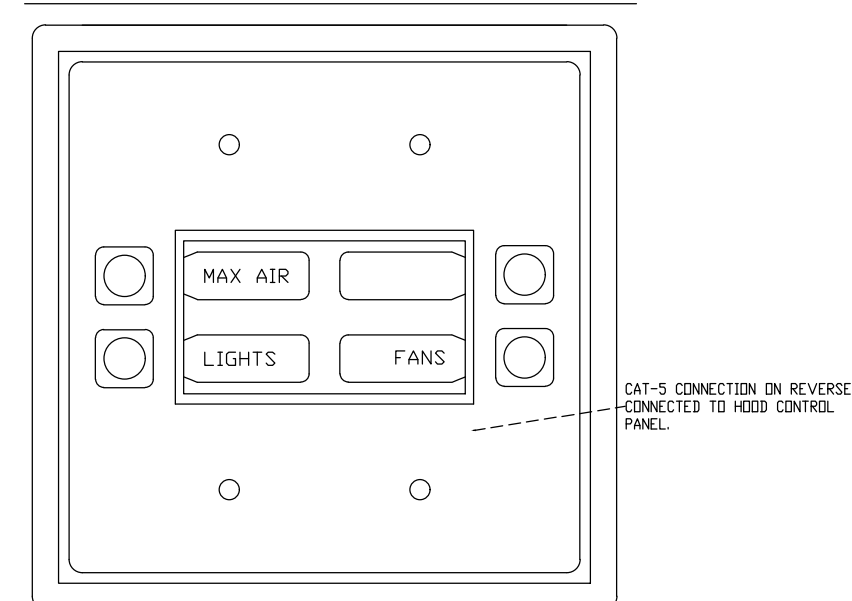
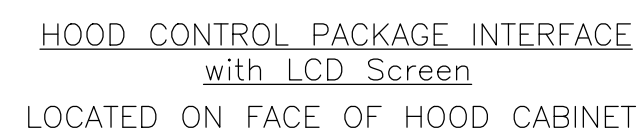
DEMAND CONTROL VENTILATION SYSTEM

Controls shall be capable of reducing exhaust and supply airflow quantities by using a modulating speed control system. High and Low speeds shall be adjustable by variable frequency drives. A temperature switch in the exhaust duct shall control airflow set point. A MAX airflow override button shall be supplied with an adjustable timer.

Control shall be used in kitchen exhaust applications to reduce exhaust and supply air volumes while cooking appliances are idling.

The Demand Control Ventilation System complies with IMC 507.1.1 by interlocking with cooking appliances through means of a heat sensor to automatically activate exhaust fans during cooking operations.

Demand control ventilation systems are capable of modulating exhaust and make up air fan speeds per the requirements outlined in IECC 403.2.8.



TYPICAL HOOD CONTROL PANEL INSTALLATION

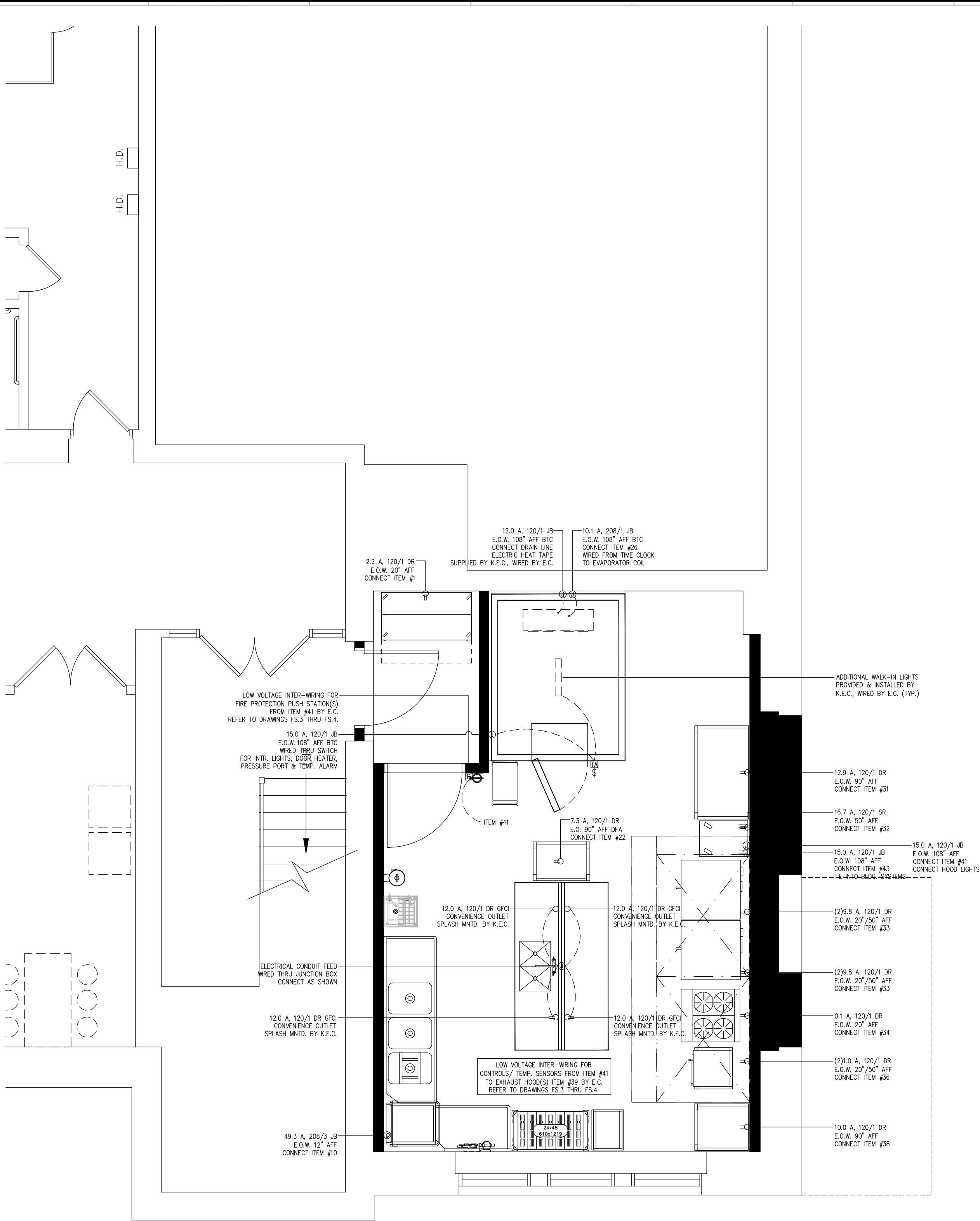
SEQUENCE OF OPERATIONS:

THE HOOD CONTROL PANEL IS CAPABLE OF OPERATING IN ONE OR MORE OF THE FOLLOWING STATES AT ANY GIVEN TIME:

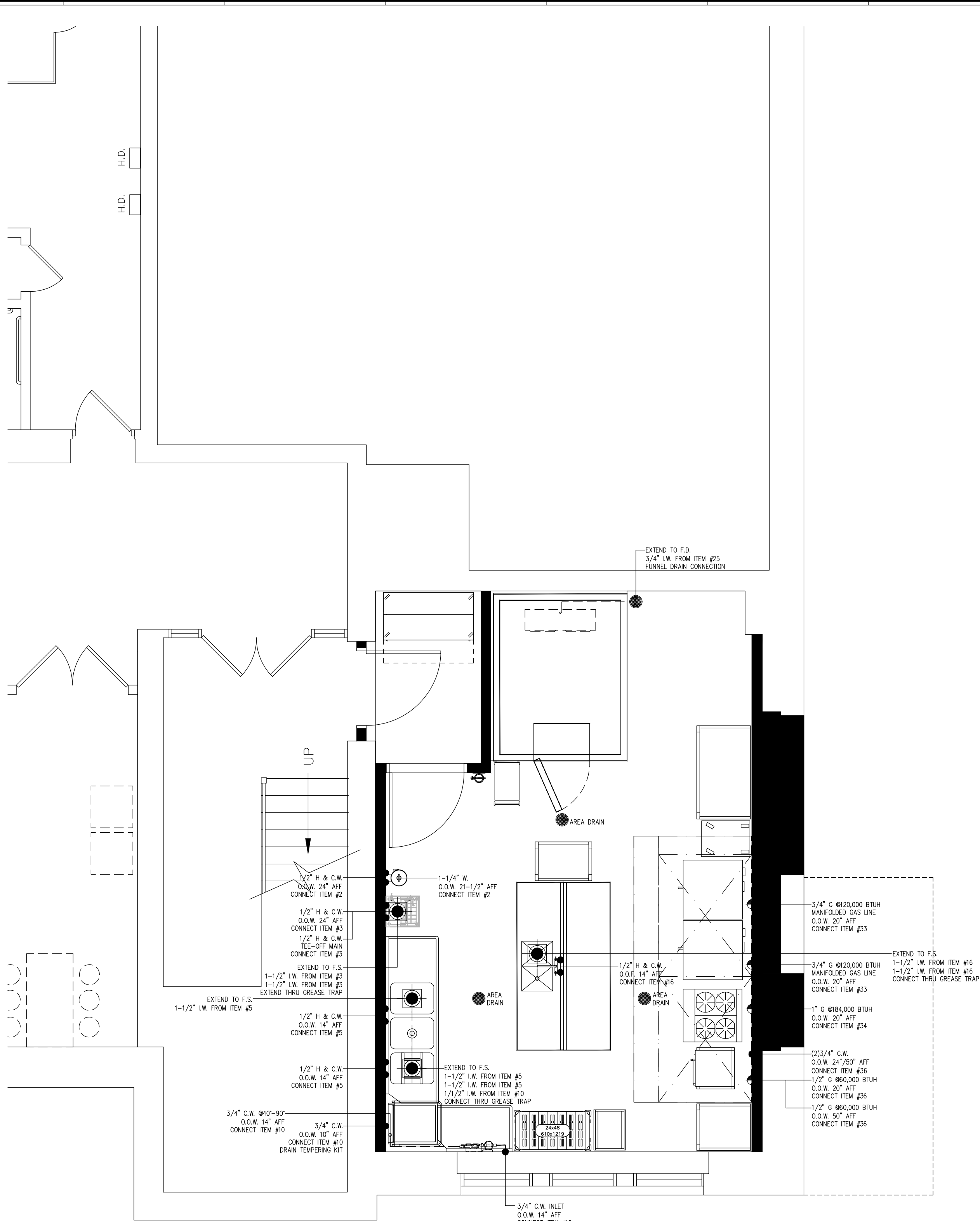
- AUTOMATIC: THE SYSTEM OPERATES BASED ON THE DIFFERENTIAL, BETWEEN ROOM TEMPERATURE AND THE TEMPERATURE AT THE HOOD CAVITY OR EXHAUST DUCT COLLAR. FANS ACTIVATE AT A CONFIGURABLE TEMPERATURE DIFFERENTIAL THRESHOLD. DEPENDING ON THE JOB CONFIGURATION EACH FAN ZONE CAN BE CONFIGURED AS STATIC OR DYNAMIC. THESE TERMS REFER TO WHETHER A VARIABLE MOTOR (SUCH AS EC MOTORS OR VFD DRIVEN MOTORS) MODULATE WITH TEMPERATURE. IF THE PANEL IS EQUIPPED WITH VARIABLE SPEED FANS AND THE ZONE IS DEFINED AS "DYNAMIC", THESE WILL MODULATE WITHIN A USER-DEFINED RANGE BASED ON THE TEMPERATURE DIFFERENTIAL. PANELS EQUIPPED WITH VARIABLE SPEED FANS AND A FAN ZONE DEFINED AS "STATIC", FANS WILL RUN AT A SET SPEED CALCULATED FOR THE DRIVE. DEMAND CONTROL VENTILATION SYSTEMS ARE CAPABLE OF MODULATING EXHAUST AND MAKE UP AIR FAN SPEEDS PER THE REQUIREMENTS OUTLINED IN IECC 403.2.8.
- MANUAL: THE SYSTEM OPERATES BASED ON HUMAN INPUT FROM AN HMI.
- SCHEDULE: A WEEKLY SCHEDULE CAN BE SET TO RUN FANS FOR A SPECIFIED PERIOD THROUGHOUT THE DAY. THERE ARE THREE OCCUPIED TIMES PER DAY TO ALLOW FOR THE USER TO SET UP A TIME THAT IS SUITABLE TO THEIR NEEDS. ANY TIME THAT IS WITHIN THE DEFINED OCCUPIED TIME, THE SYSTEM WILL RUN AT MODULATION MODE AND FOLLOW THE FAN PROCEDURE ALGORITHM BASED ON TEMPERATURE DURING THIS TIME. DURING UNOCCUPIED TIME, THE SYSTEM WILL HAVE AN EXTRA OFFSET TO PREVENT UNINTENDED ACTIVATION OF THE SYSTEM DURING A TIME WHERE THE SYSTEM IS NOT BEING OCCUPIED.
- OTHER: THE SYSTEM OPERATES BASED ON THE INPUT FROM AN EXTERNAL SOURCE (DDC, BMS OR HARD-WIRED INTERLOCK).
- FIRE: UPON ACTIVATION OF THE HOOD FIRE SUPPRESSION SYSTEM, THE EXHAUST FAN WILL COME ON OR

NOTE:
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FOOD SERVICE ELECTRICAL CONNECTIONS PLAN
SCALE: 1/4"=1'-0"



FOOD SERVICE PLUMBING CONNECTIONS PLAN
SCALE: 1/4"=1'-0"

ELECTRICAL LEGEND	
JB	JUNCTION BOX
DR	DUPLEX RECEPTACLE
SR	SIMPLEX RECEPTACLE
E.O.W.	ELECTRICAL OUT OF WALL
E.O.F.	ELECTRICAL OUT OF FLOOR
D.F.A.	DOWN FROM ABOVE
AFF	ABOVE FINISHED FLOOR
BTC	BRANCH TO CONNECTION
A	AMPS
HP	HORSEPOWER
kW	KILOWATT
E.C.	ELECTRICAL CONTRACTOR

- ELECTRICAL NOTES:
- 1) ALL WALL OUTLETS ARE FROM AFF TO BOTTOM OF BOX.
 - 2) E.C. TO CHECK ALL CONDITIONS AND VERIFY ALL DIMENSIONS PRIOR TO WORK.

PLUMBING LEGEND	
H.W.	HOT WATER
C.W.	COLD WATER
W	DIRECT WASTE
I.W.	INDIRECT WASTE
F.D.	FLOOR DRAIN
F.S.	FLOOR SINK
G	GAS
O.O.W.	OUT OF WALL
O.O.F.	OUT OF FLOOR
AFF	ABOVE FINISHED FLOOR
BTC	BRANCH TO CONNECTION
P.C.	PLUMBING CONTRACTOR

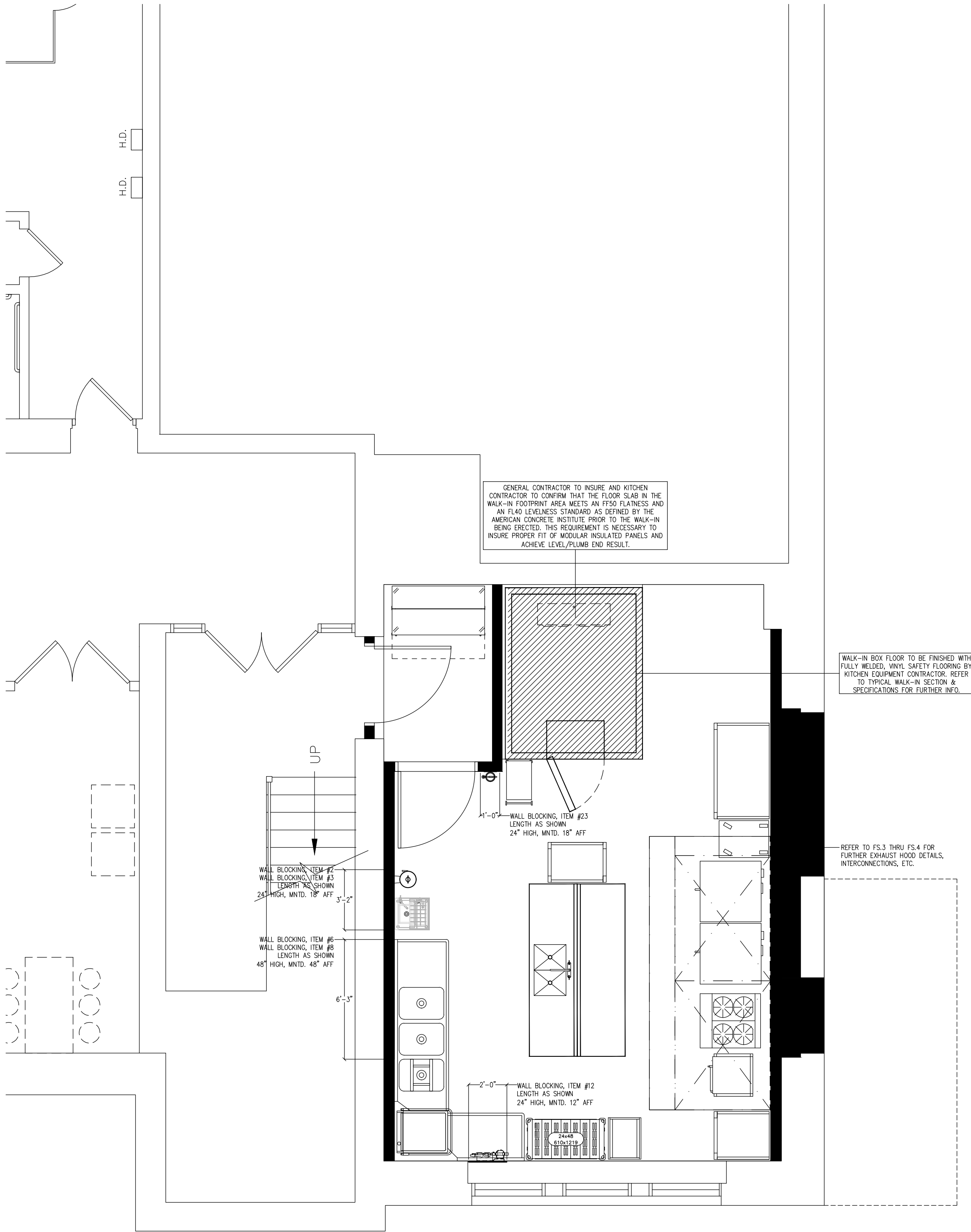
- PLUMBING NOTES:
- 1) P.C. TO PROVIDE HUB DRAINS FOR ALL INDIRECT WASTE LINES AND RETAIN AIR GAPS AS REQUIRED.
 - 2) P.C. TO CHECK ALL CONDITIONS AND VERIFY ALL DIMENSIONS PRIOR TO WORK.

NOTE:
THE SCOPE OF WORK DISPLAYED ON THIS DRAWING IS TO BE PROVIDED BY THE KITCHEN EQUIPMENT CONTRACTOR (KEC) UNDER THE FOOD SERVICE CONTRACT, UNLESS SPECIFICALLY STATED OTHERWISE. REFER TO MULTIPLE PRIME CONTRACT NOTES ON SHEET T0.01 FOR ADDITIONAL INFORMATION.

Date	12/20/22
Checked	RRA
Drawn	B.J.F.
MICHAEL J. McGOVERN, R.A. The REGISTERED ARCHITECT License No. 022257-1	
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Engineering, Planning, Architecture, Surveying LLP LAN ASSOCIATES 252 Main Street, Goshen, New York 10924 P. 845-615-0350 F. 845-615-0351	
FOOD SERVICE CONNECTED LOADS NEW KITCHEN DESIGN MAMARONECK AVENUE SCHOOL 850 MAMARONECK AVENUE MAMARONECK, NEW YORK 10543	
Job No.	4,1092.85
File No.	—
FS.5	

NYSed PROJECT # 66-07-01-03-0-004-033

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FOOD SERVICE SPECIAL CONDITIONS PLAN
SCALE: 1/4"=1'-0"

NOTE:
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NYSed PROJECT # 66-07-01-03-0-004-033

FOOD SERVICE SPECIAL CONDITIONS	NEW KITCHEN DESIGN
	MAMARONECK AVENUE SCHOOL 850 MAMARONECK AVENUE MAMARONECK, NEW YORK 10543
Job No. 4, 1092.85	
File No. -	

LAN ASSOCIATES
252 Main Street, Goshen, New York 10924 | t. 845-615-0350 | f. 845-615-0351

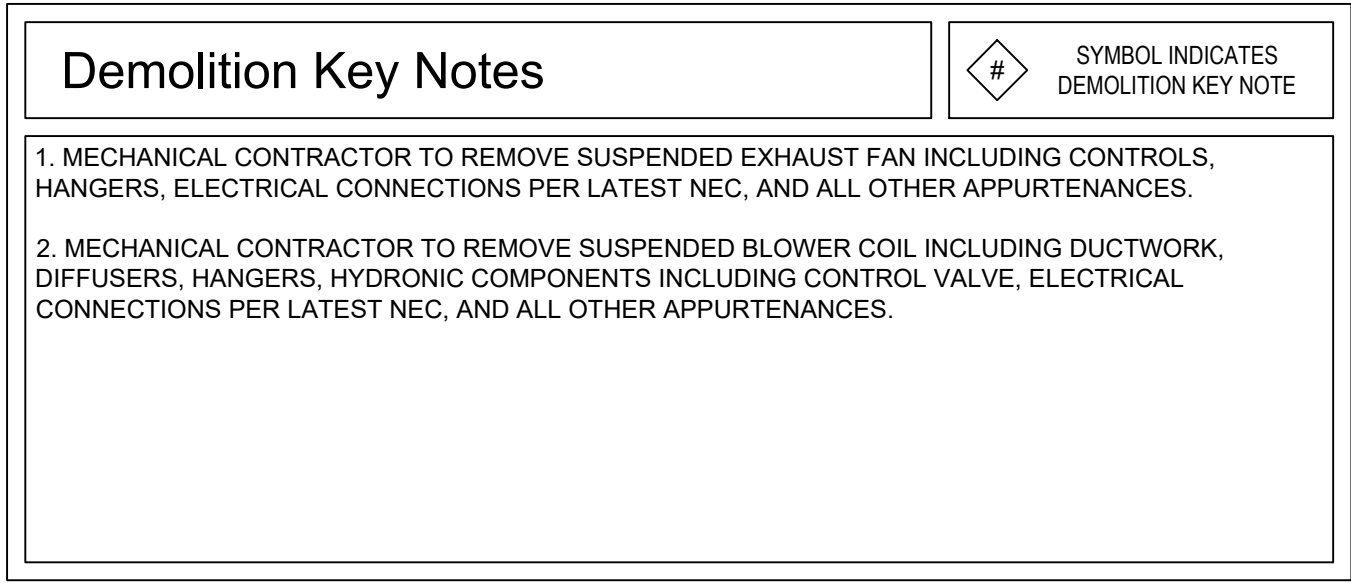
Engineering,
Planning,
Architecture,
Surveying LLP

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Revisions:	
#	10/20/23 ISSUE FOR RE-BD #2

MICHAEL J. MCGOVERN, R.A. REGISTERED ARCHITECT License No. 022257-1	Date 12/20/22
	Checked RRA
	Drawn B.J.F

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MAMARONECK AVENUE SCHOOL

AREA OF WORK

200K ADDITION

MIDDLE BUILDING

200J ADDITION

MAIN BUILDING

Key Plan

PROJECT NORTH

NOT TO SCALE

Date	12/20/22
Checked	MAM
Drawn	JPD

MICHAEL J. McGOVERN, R.A.

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DEMOLITION MECHANICAL FLOOR PLANS

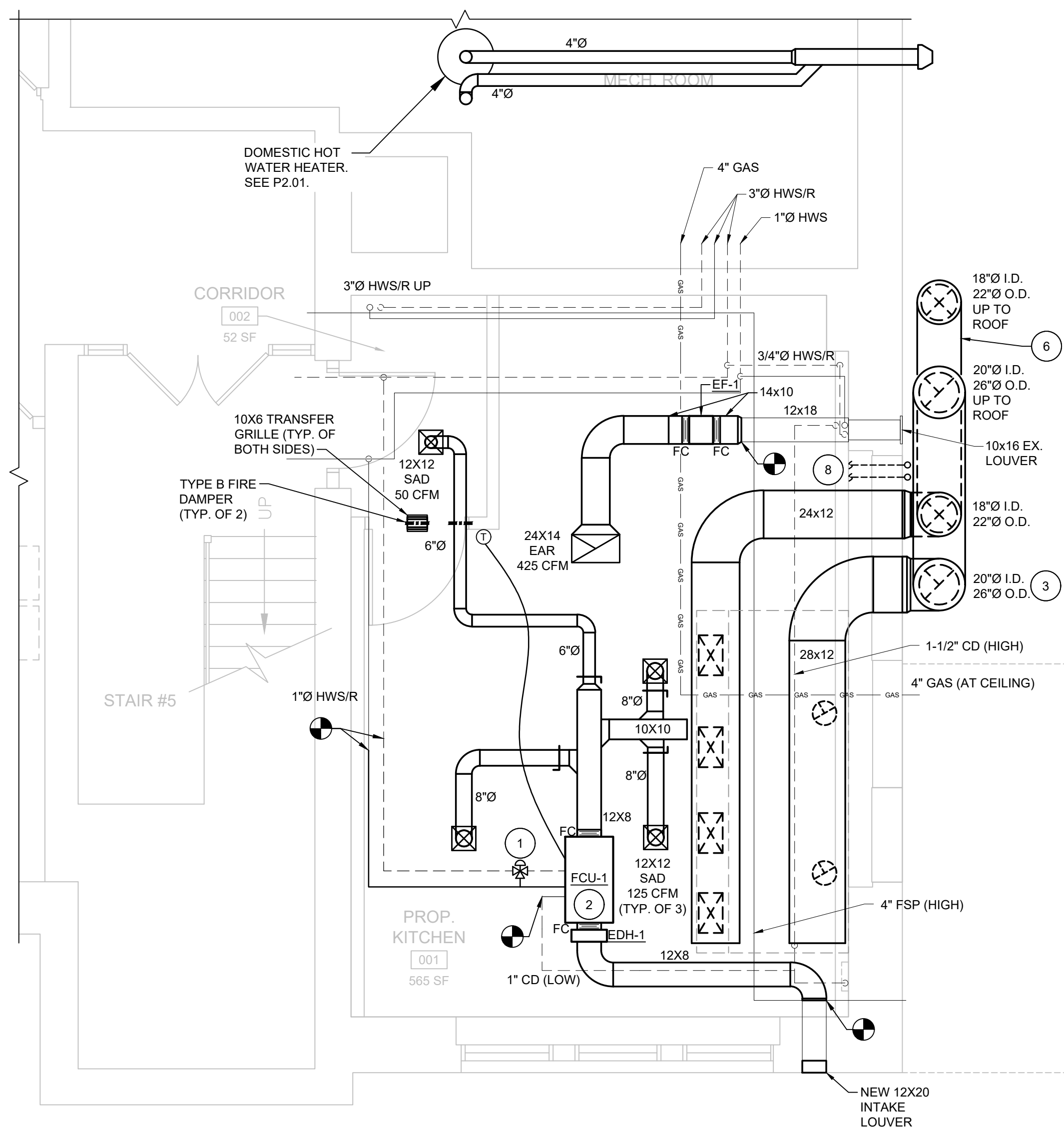
NEW KITCHEN DESIGN

MAMARONECK AVENUE SCHOOL
850 MAMARONECK AVENUE
MAMARONECK, NEW YORK 10543

Job No. 4.1092.85

File No. 109285M101

M1.01

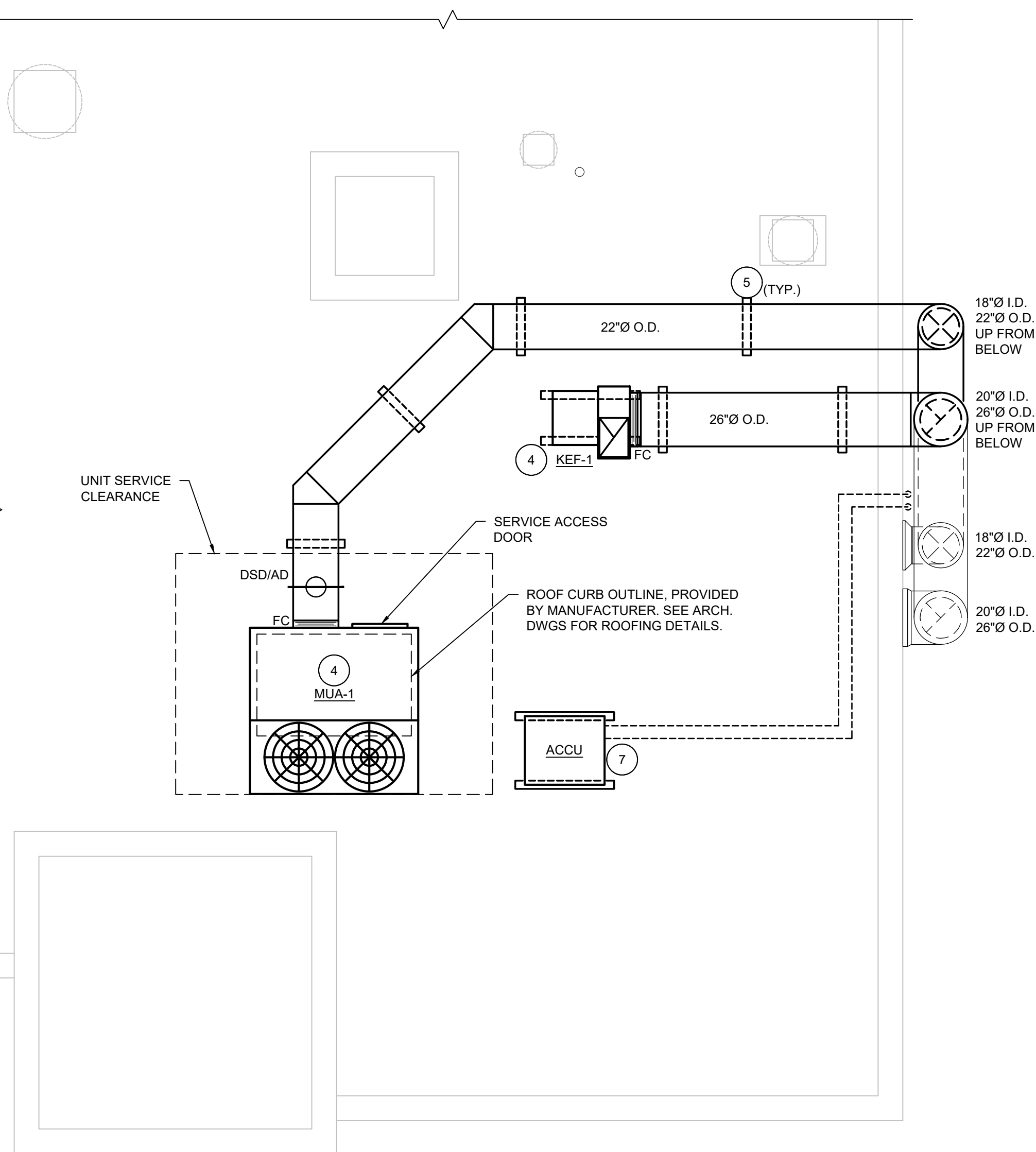


Proposed Kitchen Mechanical Floor Plan

1
M2.01

1/4" = 1'-0"

PARTIAL LOWER LEVEL FLOOR PLAN



Proposed Mechanical Roof Plan

2
M2.01

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

PARTIAL LOWER LEVEL FLOOR PLAN



Construction Key Notes

1. MECHANICAL CONTRACTOR TO PROVIDE AND INSTALL NEW 3-WAY DDC CONTROL VALVE SHALL BE TIED INTO THE EXISTING BMS.
2. MECHANICAL CONTRACTOR TO PROVIDE AND INSTALL NEW FCU-1 WITH SECONDARY DRAIN PAN AND CONNECT DRAIN PAN OUTLET TO EXISTING CONDENSATE LINE. PROVIDE HANGERS & VIBRATION ISOLATORS FOR FCU-1 AND EDH-1 TO BE SUPPORTED BY THE BUILDING STRUCTURE.
3. MECHANICAL CONTRACTOR TO PROVIDE AND INSTALL DUCT MANUFACTURER'S CLEAN OUT AT BOTTOM OF DUCT.
4. REFER TO DRAWING M6.02 AND M6.03 FOR UNIT INFORMATION.
5. MECHANICAL CONTRACTOR TO PROVIDE DUCT SUPPORTS, MAXIMUM SPACING SHALL BE 10'. OWNER TO INSTALL AND FLASH.
6. DUCTWORK SHALL BE ROUTED BETWEEN WINDOWS. SEE A3.01 FOR EXTERIOR ELEVATION. CUSTOM COLOR DUCTWORK TO BE SELECTED BY ARCH/ENGINEER FROM MANUFACTURER'S FULL RANGE OF COLOR DURING SUBMITTAL PHASE OF CONSTRUCTION.
7. NEW WALK-IN FREEZER REMOTE COMPRESSOR/CONDENSER. SEE FOOD SERVICE DWG FS-7 FOR UNIT SPECIFICATIONS. REFRIGERANT PIPING TO BE ROUTED ON THE ROOF AND DOWN EXTERIOR WALL. PROVIDE PIPE COVER ON EXTERIOR WALL AND PAINT PER THE OWNER'S COLOR SELECTION.
8. MECHANICAL CONTRACTOR TO INSTALL NEW WALK-IN FREEZER REFRIGERANT PIPING TO FREEZER EVAPORATOR.

General Notes

1. MECHANICAL CONTRACTOR SHALL REVIEW THE FOOD SERVICE DRAWINGS ("FS.X") AND IS RESPONSIBLE FOR ALL WORK ITEMS CALLED AS BEING BY THE MECHANICAL CONTRACTOR OR "MC" EVEN IF NOT INDICATED ON THE M2.XX DWGS.
2. REFER TO DRAWINGS M6.02 AND M6.03 FOR KEF-1 AND MUA-1 SCHEDULES.
3. REFER TO SPECIFICATION 230993 FOR EF-1 SEQUENCE OF OPERATIONS.
4. REFER TO MULTIPLE PRIME CONTRACT NOTES ON T0.01.

VENTILATION TABLE														
Unit Served	Room No.	Room Name	Floor Area (Sq. Ft.)	Occupancy Classification	Required O.A. per Sq. Ft.	Required O.A. For Space	No. of People	Required O.A. per Person	QA For Occupants	Total Min. O.A. Required (CFM)	Zone Air Distribution Effectiveness	Zone Min. O.A. Required (CFM)	Design O.A. (CFM) E.A. (CFM)	
MAU-1	1	KITCHEN	565	KITCHEN	0.12	68	12	8	90	158	0.8	197	197	396
	2	CORRIDOR	52	CORRIDOR	0.06	3	0	0	0	3	0.8	4	4	-

MAKE-UP AIR FAN COIL UNIT SCHEDULE

(DAIKIN AS STANDARD

TAG	AREA SERVED	CFM	MIN O.A. (CFM)	ESP (In. H ₂ O)	ELECTRIC PRE-HEAT DUCT HEATER							CHILLED WATER COOLING								HOT WATER HEATING					ELECTRICAL DATA			DIMENSIONS (L x W x H) (In.)	APPROX WEIGHT (Lbs)	MODEL	MANUFACTURER	NOTES			
					TAG	CAPACITY (KW)	V - Ph - Hz	MCA/MOP	CONTROLS	MANUF. & MODEL	TMBH	SMBH	EADB (°F)	EAWB (°F)	LADB (°F)	LAWB (°F)	EWIT (°F)	LWT (°F)	GPM	WPD (FI)	MBH	EAT (°F)	LAT (°F)	EWIT (°F)	LWT (°F)	GPM	WPD (FI)						V - Ph - Hz	MCA	FAN HP/BHP
FCU-1	KITCHEN #001	425	425	0.50	EDH-1	5	208 - 1 - 60	30/35	SCR W/ THERMISTAT & SENSOR	RENEWAIRE EK-1018005SC CHR-21-15V-N	14.3	11.6	95	75	71.4	66.6	45	55	2.9	3.28	55.1	0	112	180	160	5.9	10.14	208 - 1 - 60	3.6	0.33 / 0.09	43 x 24 x 18	193	BCHD0061	DAIKIN	SEE NOTE(S) BELOW

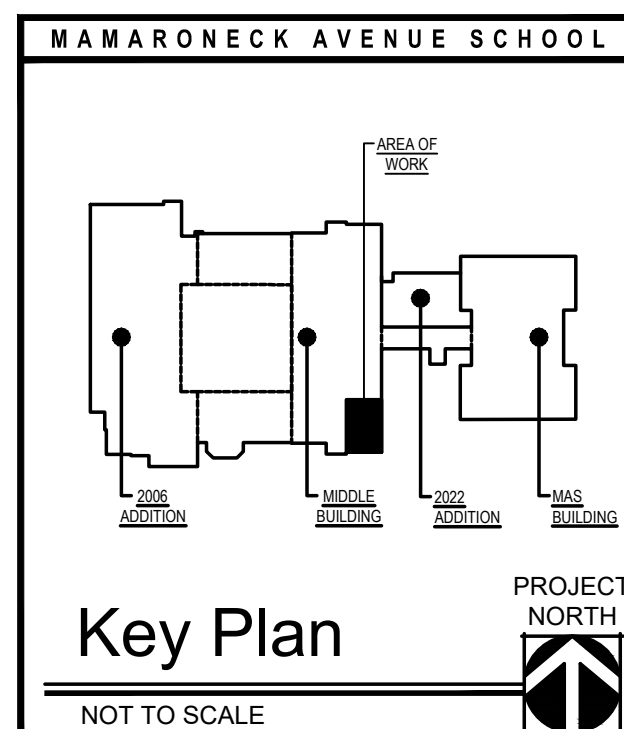
NOTES:
1. BASED ON 30% PROPYLENE GLYCOL IN HOT WATER SYSTEM.
2. CONNECT BOTH FCU-1 AND EDH-1 TO EXISTING BMS.

GENERAL VENTILATION EXHAUST FAN SCHEDULE

(GREENHECK AS STANDARD)

TAG	LOCATION	AREA SERVED	CFM	STATIC PRESSURE LOSS (IN)	ELECTRICAL DATA				DIMENSIONS (LxWxH) (In.)	APPROX WEIGHT (Lbs)	MODEL	MANUFACTURER	NOTES
					FLA	BHP	RPM	V / Ph / Hz					
EF-1	KITCHEN #001	KTCHEN #001	425	0.25	0.9	0.06	1,093	208 / 1 / 60	12 X 14 X 11	24	CSP-A390-VG	GREENHECK	SEE NOTE(S) BELOW

NOTES: PROVIDE BACKDRAFT DAMPER, EXHAUST LOUVER WITH BIRDSCREEN AND DISCONNECT SWITCH. TIE NEW FAN INTO EXISTING BMS.



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NYSED PROJECT # 66-07-01-03-0-004-033

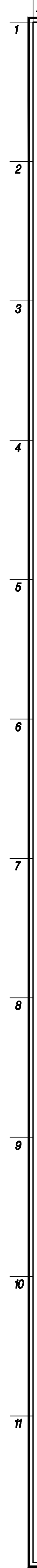
PROPOSED KITCHEN & ROOF PLAN

CLOSED KITCHEN & ROOF PL
NEW KITCHEN DESIGN
MAMARONECK AVENUE SCHOOL
850 MAMARONECK AVENUE
MAMARONECK, NEW YORK 10543

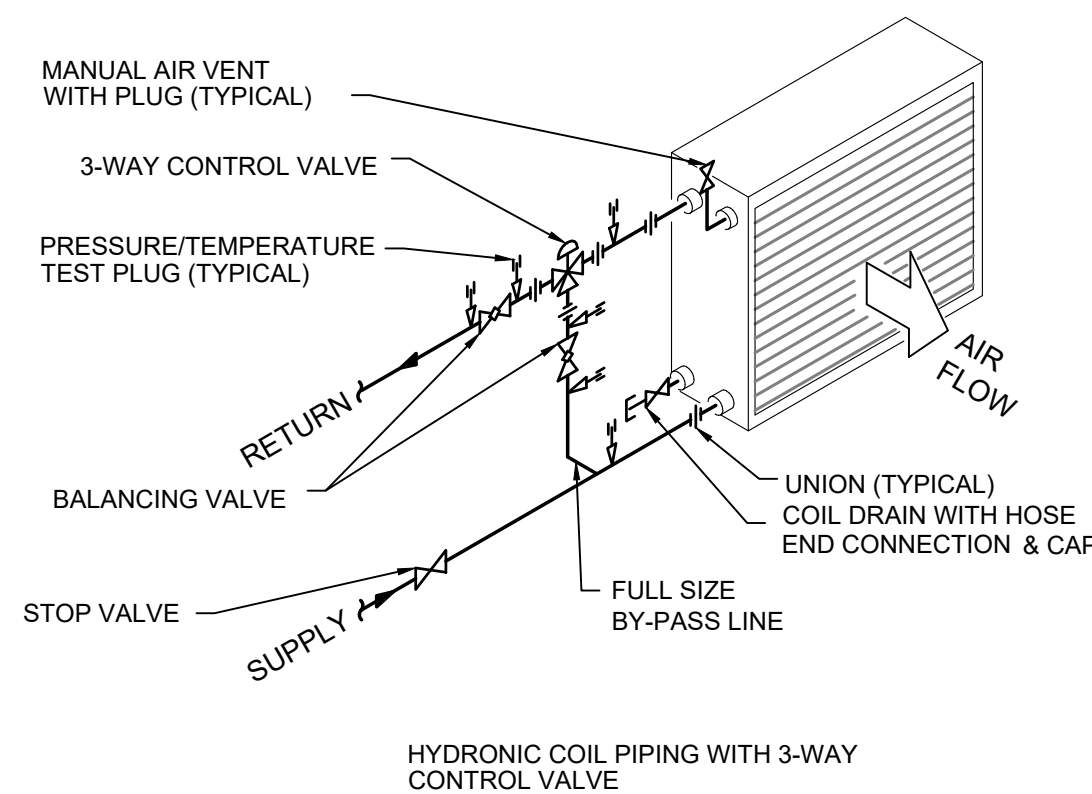
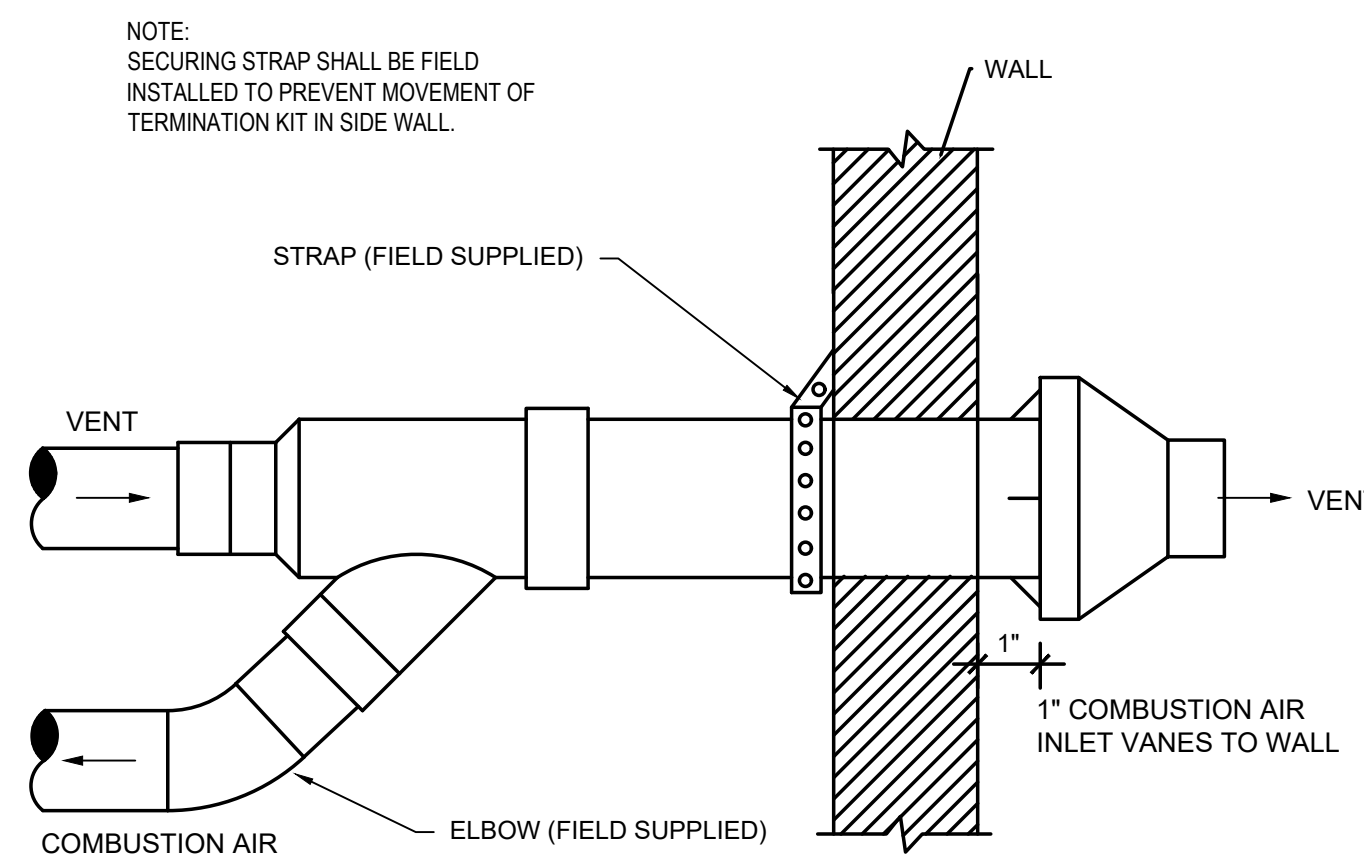
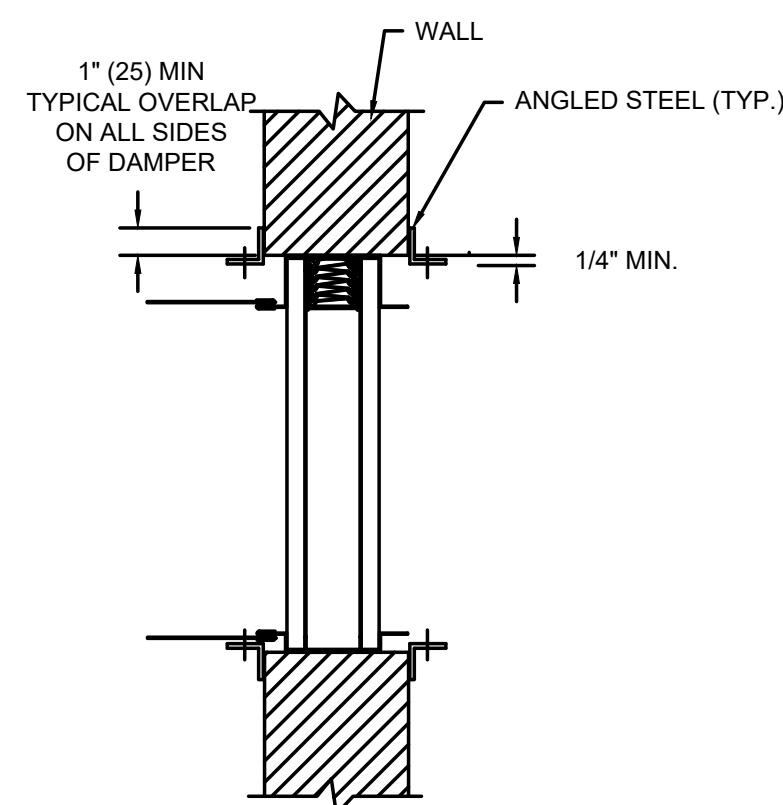
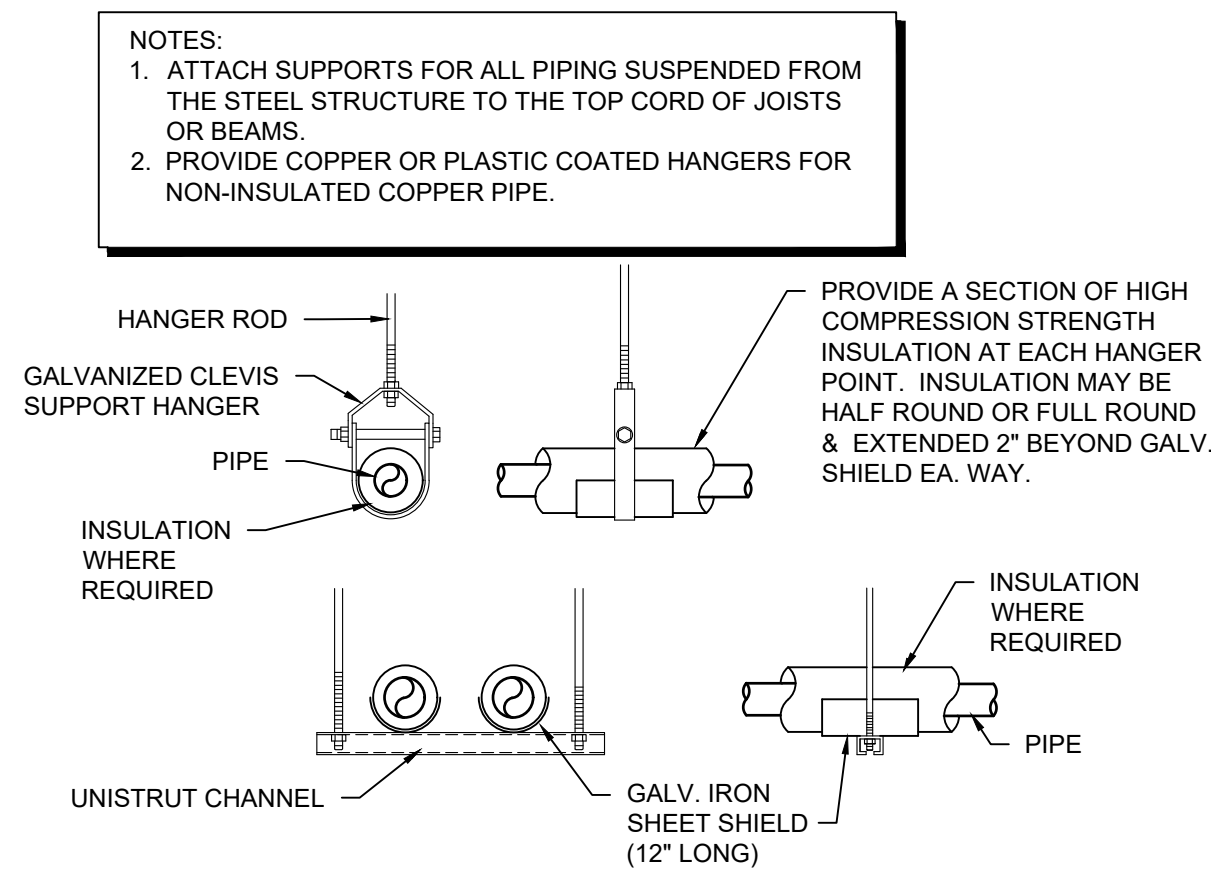
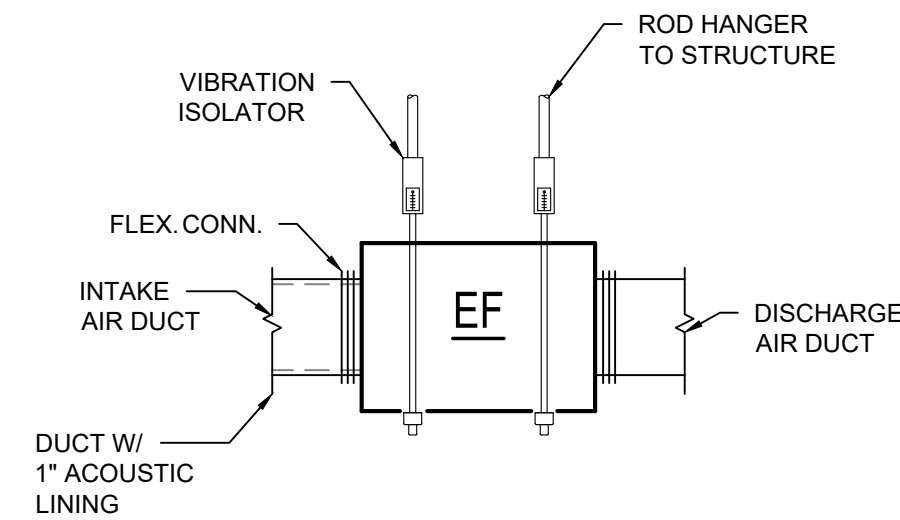
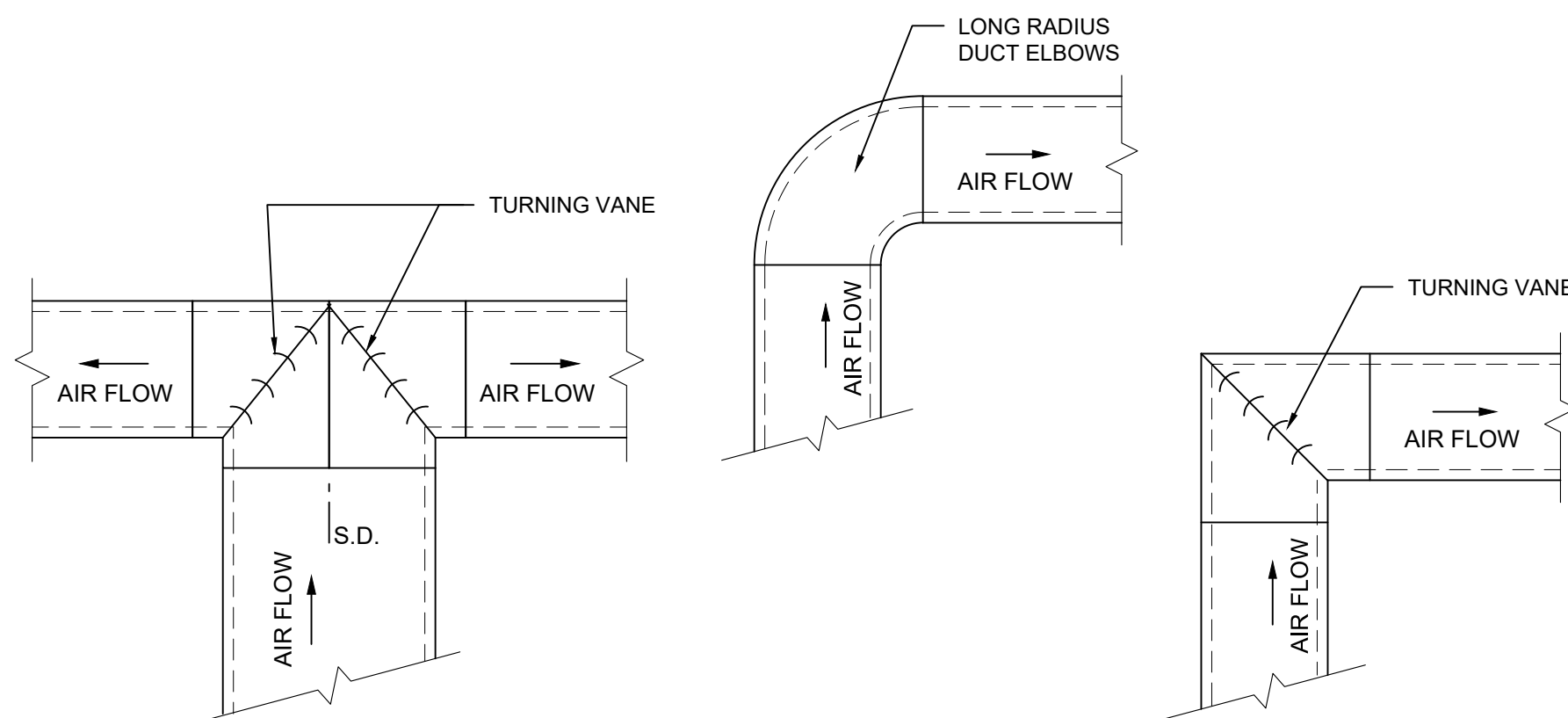
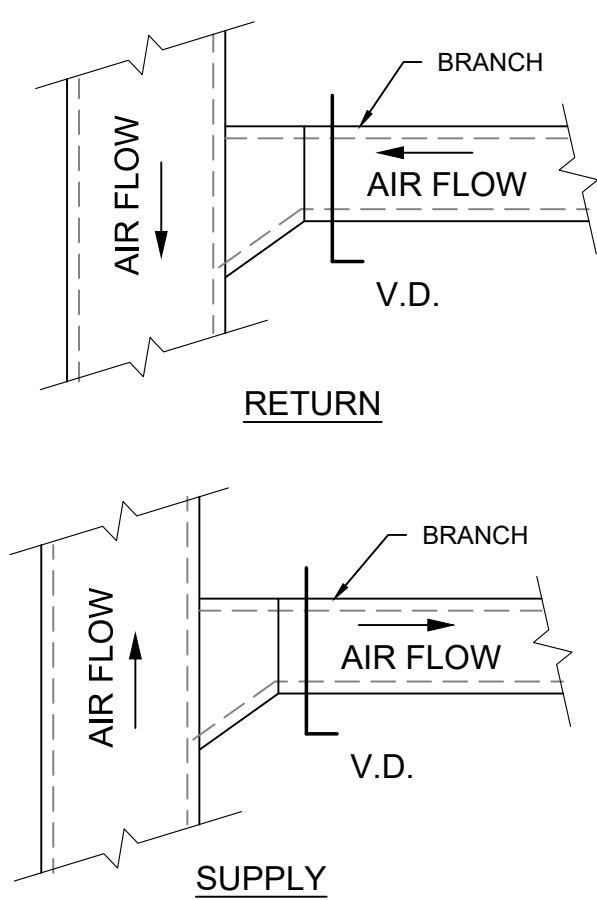
Job No. 4.1092.85

File No. 109285M201

M2.01



1. LIQUID AND SUCTION LINES MAY BE ROUTED TOGETHER FOR CONVENIENCE, BUT MUST BE COMPLETELY INSULATED FROM EACH OTHER. DO NOT SOLDER LIQUID AND SUCTION LINES TOGETHER. DO NOT ALLOW METAL TO METAL CONTACT. PROVIDE WITH PIPE COVERS.
2. LINES SHOULD BE INSTALLED WITH AS FEW BENDS AS POSSIBLE, ALLOWING SERVICE ACCESS TO THE INDOOR COIL.
3. SLOPE HORIZONTAL SUCTION LINES 1 INCH EVERY 20 FEET TOWARD THE OUTDOOR UNIT.
4. USE LONG RADIUS ELBOWS WHEREVER POSSIBLE, EXCEPT IN OIL RETURN TRAPS, WHERE SHORT RADIUS ELBOWS SHALL BE USED.



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MECHANICAL DETAILS

NEW KITCHEN DESIGN

MAMARONECK AVENUE SCHOOL
850 MAMARONECK AVENUE
MAMARONECK, NEW YORK 10553

Job No. 4.1092.85
File No. 109285M601

M6.01

1

2

3

4

5

6

7

8

9

10

11

EXHAUST FAN INFORMATION – JOB#5699819

FAN UNIT NO	TAG	QTY	FAN UNIT MODEL #	MANUFACTURER	CFM	ESP	RPM	MOTOR ENCL	HP	BHP	PHASE	VOLT	FLA	DISCHARGE VELOCITY	WEIGHT (LBS)	SONES	NOTES
1	KEF-1	1	USB118DD-RM	CAPTIVEAIRE	2600	1,500	1222	ODP,PREMIUM	1,500	1.0560	3	208	6.6	1333 FPM	416	17.8	15

DOAS/RTU FAN SCHEDULE – JOB#5699819

FAN UNIT NO	TAG	QTY	DOAS/RTU MODEL #	MANUFACTURER	FAN INFORMATION										ELECTRICAL INFORMATION						COOLING INFORMATION						REHEAT INFORMATION				GAS HEAT INFORMATION				NOTES
					BLOWER	RETURN AIR CFM	MAX OUTSIDE AIR CFM	TOTAL CFM	WEIGHT (LBS)	ESP	HP	PHASE	VOLT	MCA	MOCP	OUTSIDE AIR		LEAVING AIR		CAPACITY		IEER	ISMRE	DISCHARGE		CAPACITY		MOISTURE REMOVAL RATE	GAS TYPE	INPUT BTUs	OUTPUT BTUs	TEMP RISE			
																DB	WB	DB	WB	DP	TOTAL			SENS.	DB	WB	DESIRED						MAX		
2	MUA-1	1	CASRTU2-I.200-15-8T-DOAS	CAPTIVEAIRE	15P-2	0	2175	2175	1808	0.500	2.00	3	208	37.1A	40A	81.0°F	76.1°F	63.7°F	63.3°F	63.1°F	102.0 MBH	40.7 MBH	20.2	9.8	90.0°F	71.5°F	63.3 MBH	0.2 MBH	55.4 LBS/HR	NATURAL	186433	151011	58°F	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15	

NOTES:
1. INVERTER SCROLL COMPRESSOR WITH INTEGRATED OIL SENSOR. DIGITAL OR STAGED SCROLL NOT AN APPROVED EQUAL
2. DIRECT DRIVE PLENUM BLOWER. BELT DRIVEN BLOWERS ARE NOT ACCEPTABLE
3. INTEGRATED MONITORING VIA CELLULAR CONNECTION BY MANUFACTURER
4. REFRIGERATION PRESSURE MONITORING ON HIGH AND LOW PRESSURE SIDE OF SYSTEM INCLUDED THROUGH DIGITAL INTERFACE
5. EC MOTOR CONDENSING FANS
6. ELECTRONIC EXPANSION VALVE. TXV NOT ACCEPTABLE
7. SUCTION LINE ACCUMULATOR
8. FACTORY COMMISSIONING WITH 5 YEAR PARTS WARRANTY, 25 YEAR WARRANTY ON STAINLESS STEEL HEAT EXCHANGER
9. AVERAGING INTAKE, EVAP AND DISCHARGE TEMPERATURE SENSORS (DISCHARGE SENSOR TO BE FACTORY MOUNTED WITHIN UNIT)
10. 2" EXTERIOR DUAL-WALL CONSTRUCTION W/ R-13 INSULATION-MINIMUM 20GA EXTERIOR W/ 14GA BASE
11. 81% EFFICIENT FURNACE, WITH MODULATING INDUCER TO MAINTAIN CONSTANT COMBUSTION EFFICIENCY ACROSS FIRING RANGE. 6:1 TURNDOWN WITH NG AND 5:1 TURNDOWN WITH LP
12. SUPPLY CFM MONITORING INTEGRAL TO UNIT WITH CFM MEASUREMENT INCLUDED THROUGH DIGITAL INTERFACE
13. FULLY MODULATING HOT GAS REHEAT
14. SIDE DISCHARGE/NO RETURN
15. UNIT TO BE INTERLOCKED WITH EXISTING BMS.

FAN OPTIONS

FAN UNIT NO	TAG	QTY	DESCRIPTION
1	KEF-1	1	BI18 - INLET SERVICE DUCT CONNECTION. USED TO CONNECT TO STANDARD 20" GREASE DUCT OR FIELD WELDED DUCT. INCLUDES (2) 7" RISERS BOLTED TO STANDARD INLET RISER
		1	UTILITY SET GREASE CUP
		1	BI18 - 24" DISCHARGE EXTENSION
		1	BI - DISCHARGE ORIENTATION VERTICAL UPPER LEFT - CW INLET SIDE
		1	BI18 - INLET CONNECTION STANDARD 20" FLANGED GREASE DUCT
		1	UTILITY SET - SPRING VIBRATION ISOLATORS - BI18 / EQUIVALENT SIZED UTILITY SET - INDOOR/OUTDOOR USE
		1	2 YEAR PARTS WARRANTY
2	MUA-1	1	INLET PRESSURE GAUGE, 0-35"
		1	MANIFOLD PRESSURE GAUGE, 0 TO 10" WC, 1 FURNACE
		1	RTU TOTAL CFM MONITORING
		1	SINGLE POINT ELECTRICAL CONNECTION FOR RTU. 750VA TRANSFORMER USED. IF A NON-DCV PREWIRE CONTROLS THIS UNIT, THE #28, #47, "MA", OR "E2" PREWIRE OPTION MUST BE SELECTED. DOES NOT PROVIDE SUPPLY STARTER IN PREWIRE
		1	CASLINK BUILDING MONITORING SYSTEM - INTERNET OR CELLULAR CONNECTION REQUIRED
		1	2" MERV 13 FILTERS FOR RTU2 (QTY. 4)
		1	2" MERV 8 FILTERS FOR RTU2 (QTY. 4)
		1	OVERHEAT STAT
		1	VFD FACTORY MOUNTED AND WIRED IN RTU COMMERCIAL CONTROL VESTIBULE
		1	RTU FIXED 100% OA INTAKE CONTROL
		1	RTU2 NO RETURN - 100% OA
		1	RTU2 SIDE DISCHARGE
		1	RTU2 CURB DUCT HANGER
		1	COMMERCIAL SMOKE DETECTOR/ALARM INTERLOCK - ALARM SUPPLIED BY OTHERS
		1	8 TON MODULATING COOLING OPTION, 208/230V. R410A REFRIGERANT, VARIABLE SPEED COMPRESSOR, ECM CONDENSING FANS
		1	IBT/ELEC ONLY REHEAT
		1	AUXILIARY REHEAT
1	VAV PACKAGE W/ MANUAL/DDC CONTROL (571 VFD INCLUDED)		
1	5 YEAR ENTIRE UNIT PARTS WARRANTY, 10 YEAR ENTIRE UNIT PARTS WARRANTY WITH REMOTE MONITORING AND CAPTIVEAIRE SERVICE CONTRACT, 25 YEAR STAINLESS STEEL FURNACE PARTS WARRANTY (SEE ADDITIONAL DETAILS)		

CURB ASSEMBLIES

NO	ON FAN	TAG	WEIGHT	ITEM	SIZE
1	# 1	KEF-1	25 LBS	RAIL	4.000"W X 48.000"L X 10.000"H ALONG WIDTH, RIGHT COMES AS A SET OF 2.
2	# 2	MUA-1	111 LBS	CURB	49.500"W X 75.000"L X 20.000"H ALONG WIDTH, RIGHT INSULATED.

FAN #1 USB118DD-RM - EXHAUST FAN (KEF-1)

FEATURES:

- ROOF MOUNTED FANS.
- UL705.
- UL762 AND ULC-S645 (RESTAURANT MODEL).
- HIGH HEAT OPERATION DIRECT DRIVE 350°F (176°C).
- HEAT SLINGER.
- NEMA 3R SAFETY DISCONNECT SWITCH.
- GREASE CLASSIFICATION TESTING.
- 2" DRAIN.
- MOTOR WEATHER COVER.
- FULLY SEALED SCROLL HOUSING.
- SCROLL ACCESS DOOR.
- FLANGE 1 1/4".

INCLUDED OPTIONS:

- BI18 - INLET SERVICE DUCT CONNECTION. USED TO CONNECT TO STANDARD 20" GREASE DUCT OR FIELD WELDED DUCT. INCLUDES (2) 7" RISERS BOLTED TO STANDARD INLET RISER.
- UTILITY SET GREASE CUP
- BI18 - 24" DISCHARGE EXTENSION.
- BI - DISCHARGE ORIENTATION VERTICAL UPPER LEFT - CW INLET SIDE.
- BI18 - INLET CONNECTION STANDARD 20" FLANGED GREASE DUCT.
- UTILITY SET - SPRING VIBRATION ISOLATORS - BI18 / EQUIVALENT SIZED UTILITY SET - INDOOR/OUTDOOR USE.
- 2 YEAR PARTS WARRANTY.

CAPTIVE AIRE MECHANICAL DETAILS

NEW KITCHEN DESIGN

MAMARONECK AVENUE SCHOOL

850 MAMARONECK AVENUE

MAMARONECK, NEW YORK 10543

NYSED PROJECT # 66-07-01-03-0-004-033

CAPTIVE AIRE MECHANICAL DETAILS

NEW KITCHEN DESIGN

MAMARONECK AVENUE SCHOOL

850 MAMARONECK AVENUE

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Job No. 4,1092.85

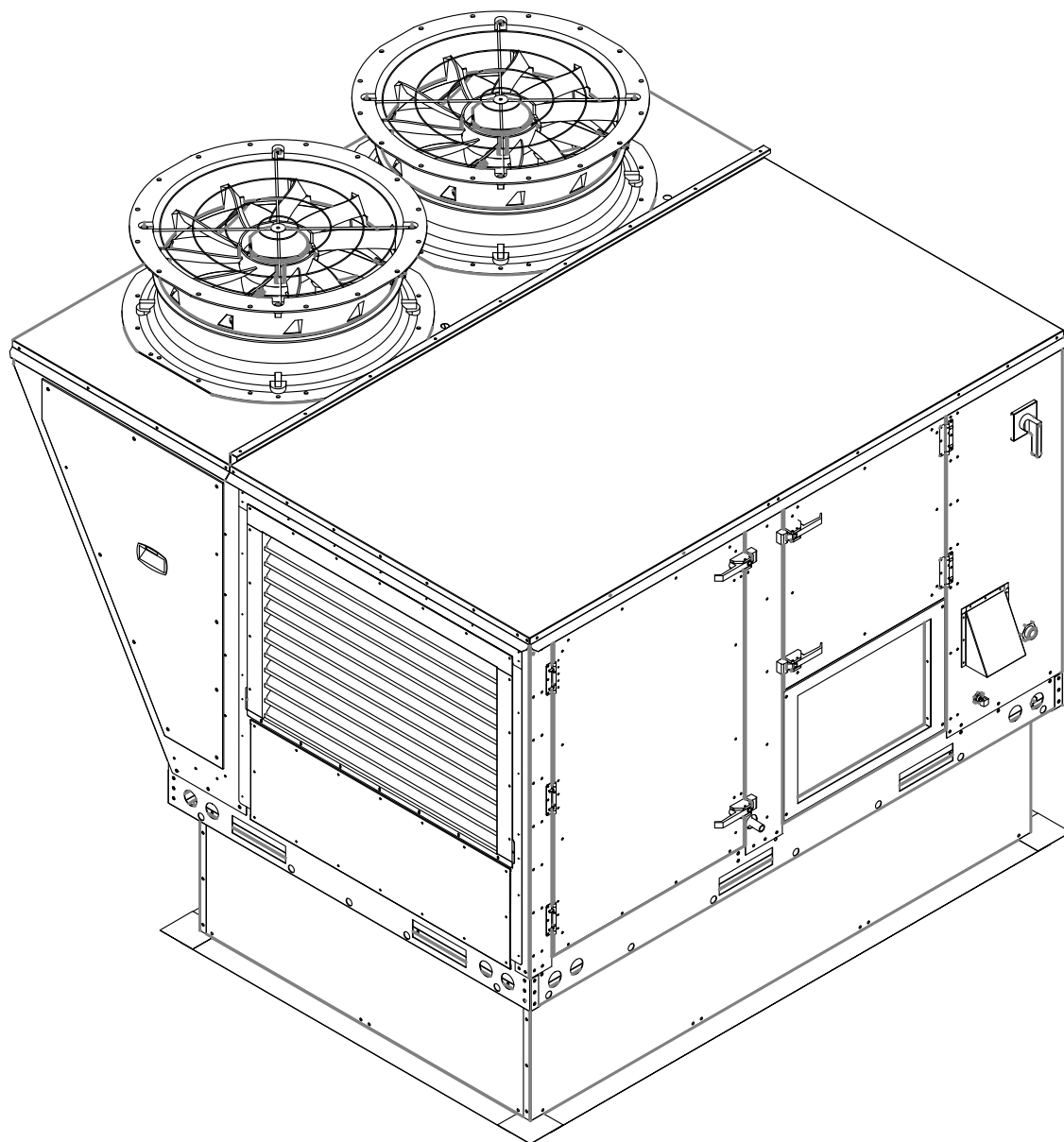
File No. 109285M602

M6.02

FAN #2 CASRTU2-I.200-15-8T-DOAS - HEATER (MUA-1)

- NOTES:
- DO NOT OBSTRUCT OUTSIDE AIR INLET, OUTSIDE AIR COIL OR OUTSIDE AIR FAN.
 -  DENOTES CORNER WEIGHT.
 - ROOF OPENING MUST BE 2" SMALLER THAN CURB DIMENSIONS IN BOTH DIRECTIONS.

*NOTE: SUPPLY DUCT MUST BE INSTALLED TO MEET SMACNA STANDARDS. A MINIMUM STRAIGHT DUCT LENGTH MUST BE MAINTAINED DOWNSTREAM OF UNIT DISCHARGE AS OUTLINED IN AMCA PUBLICATION 201. WHEN USING RECTANGULAR DUCTWORK, ELBOWS MUST BE RADIUS THROAT, RADIUS BACK WITH TURNING VANES. FLEXIBLE DUCTWORK AND SQUARE THROAT/SQUARE BACK ELBOWS SHOULD NOT BE USED. ANY TRANSITION AND/OR TURNS IN THE DUCTWORK WILL CAUSE SYSTEM EFFECT. SYSTEM EFFECT WILL DRASTICALLY INCREASE STATIC PRESSURE AND REDUCE AIRFLOW. DO NOT RELY ON UNIT TO SUPPORT DUCT IN ANY WAY. FAILURE TO PROPERLY SIZE DUCTWORK MAY CAUSE SYSTEM EFFECTS AND REDUCE PERFORMANCE OF THE EQUIPMENT. SUGGESTED STRAIGHT DUCT SIZE IS 20" x 14".



CURB OUTLINE
75"x49 1/2".

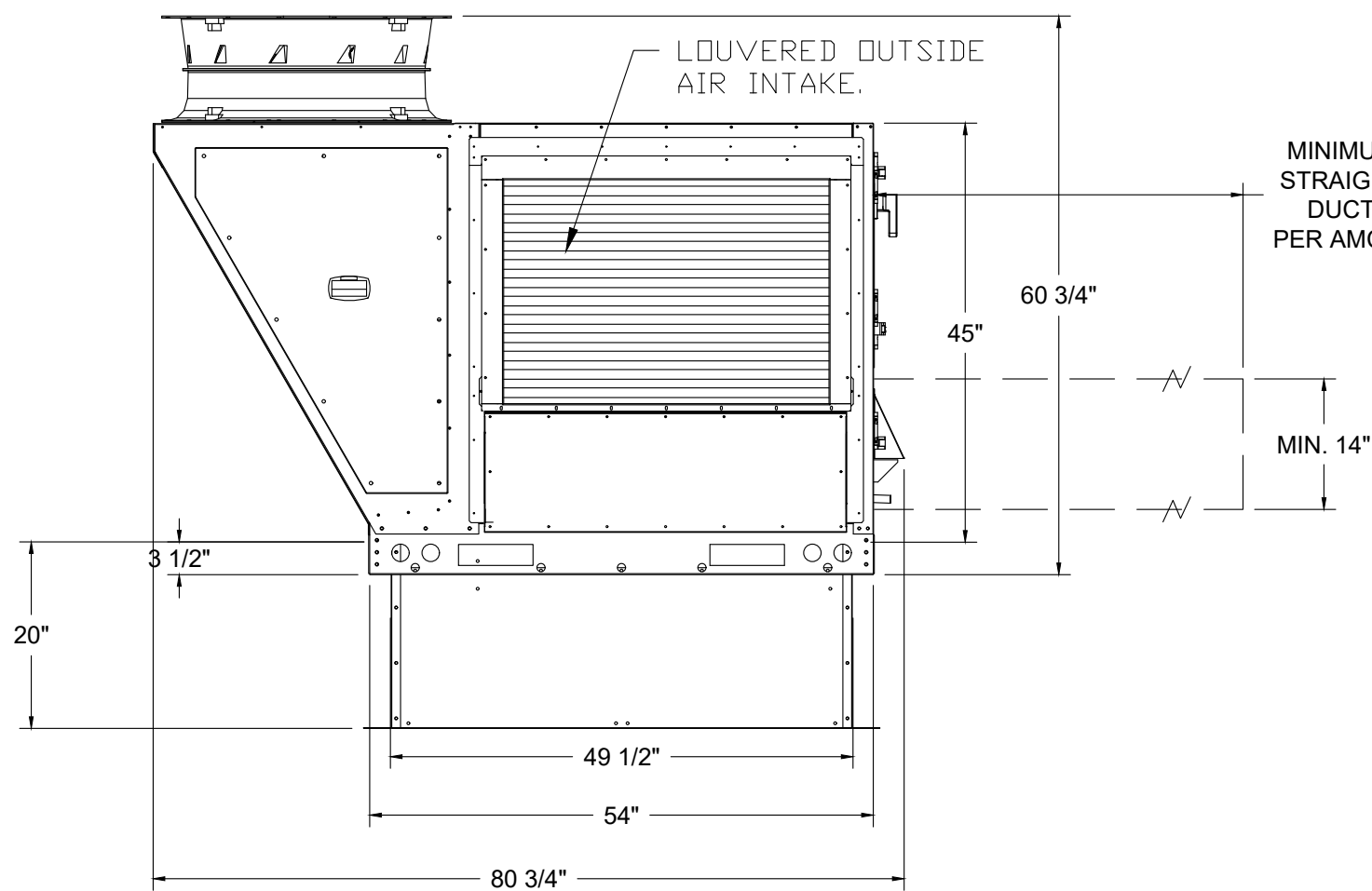
483 LBS

588 LBS

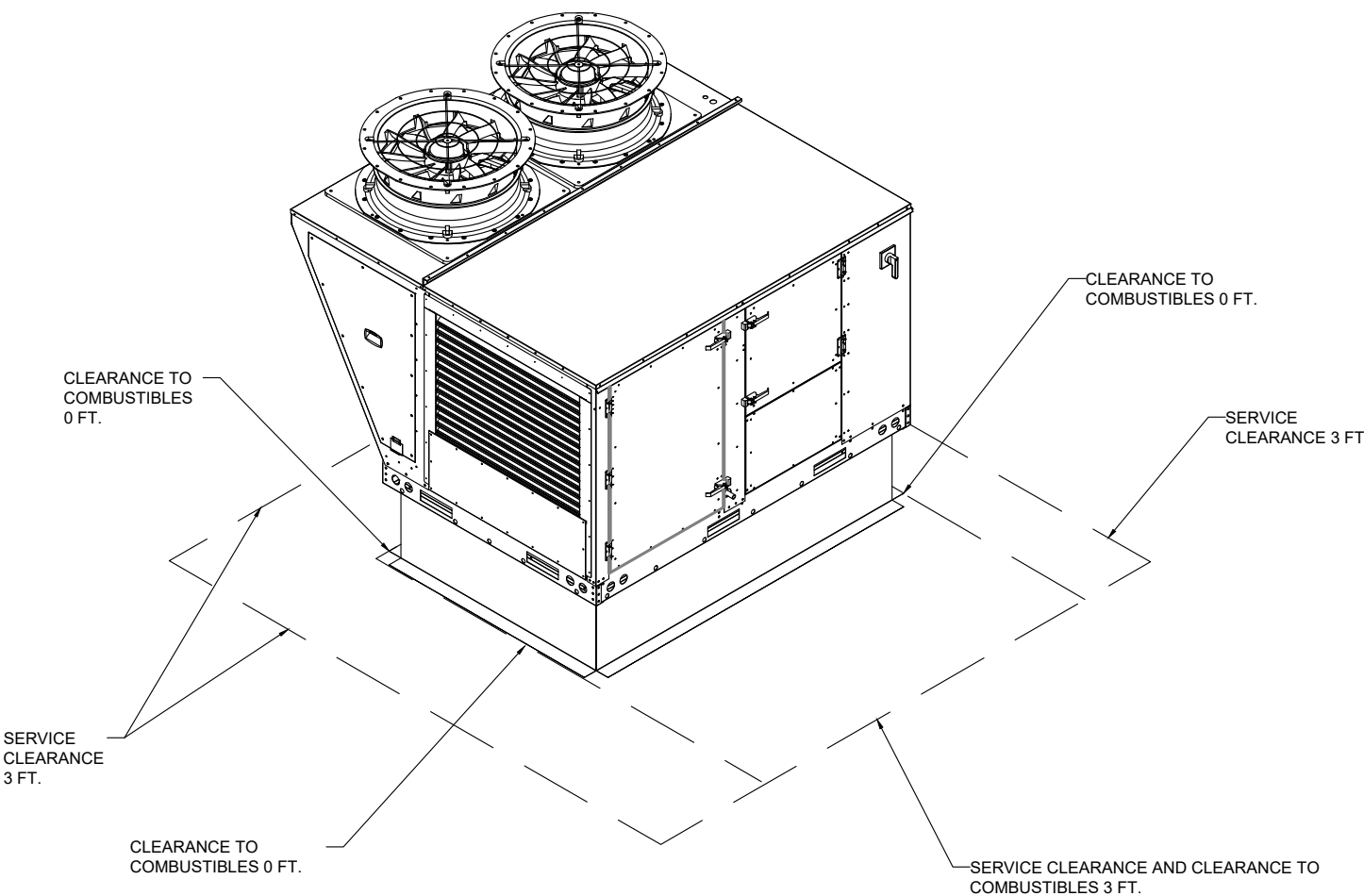
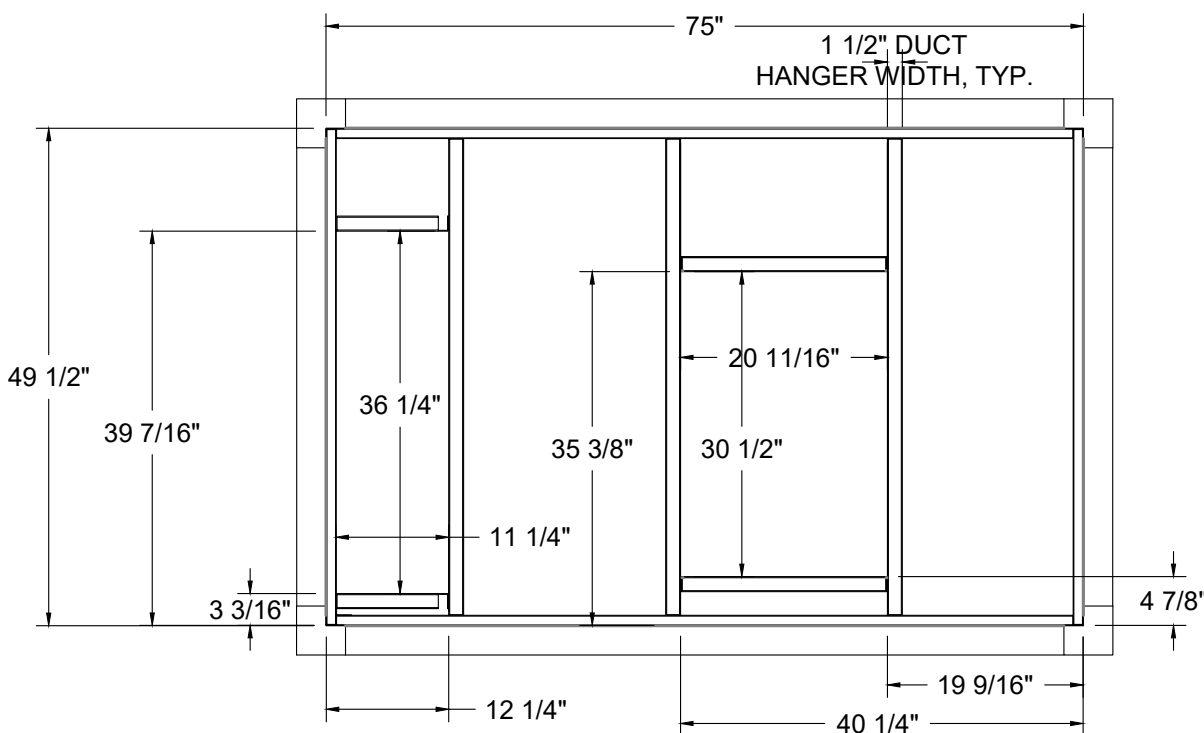
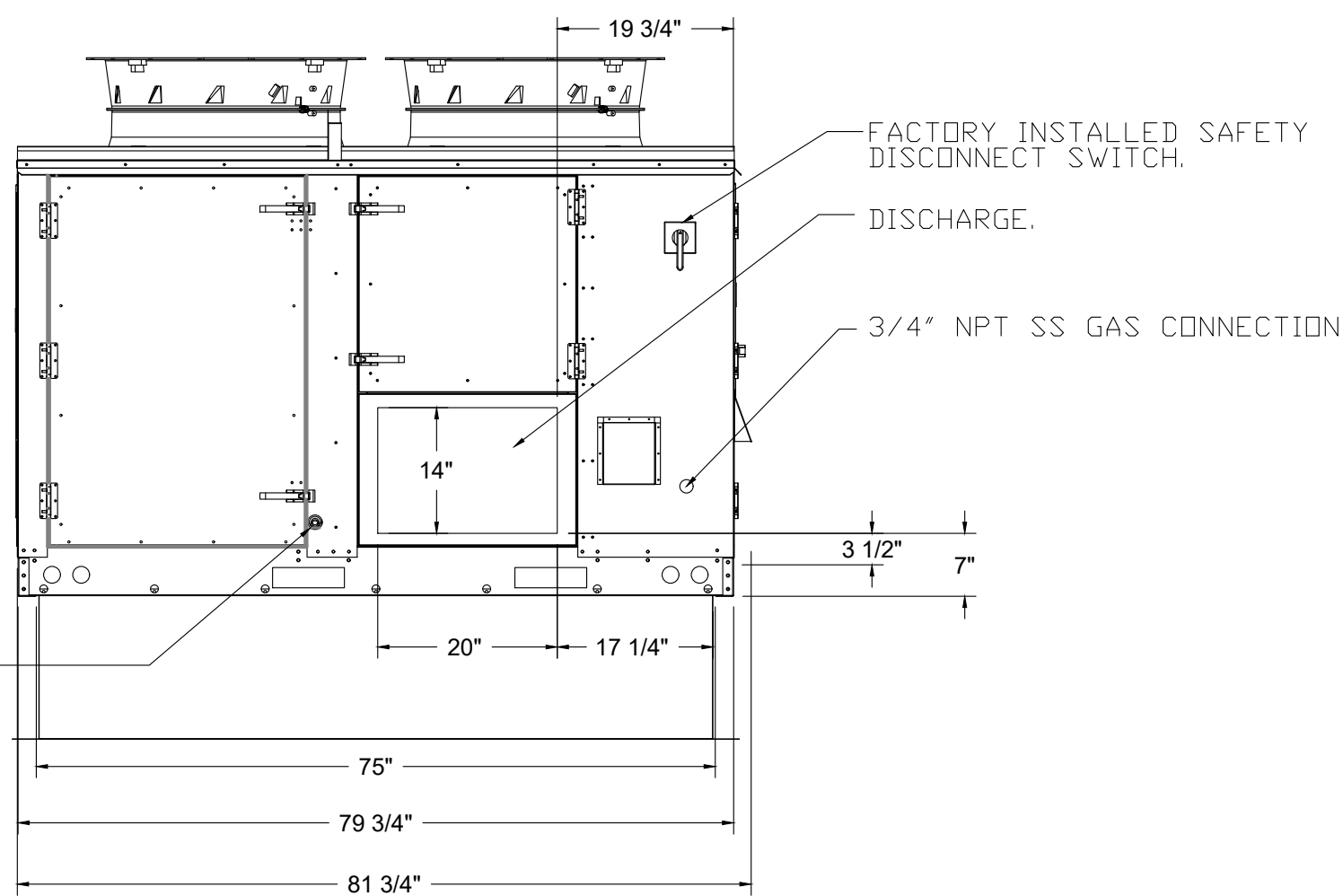
- NOTES:
- ORIENT UNIT AS SHOWN ON ROOF PLAN DWG. M2.01

333 LBS

405 LBS



1" NPT SS EVAPORATOR
DRAIN (TRAP REQ'D).
4" MINIMUM TRAP DEPTH.



Date 12/20/22
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MICHAEL J. MCGOVERN, R.A.
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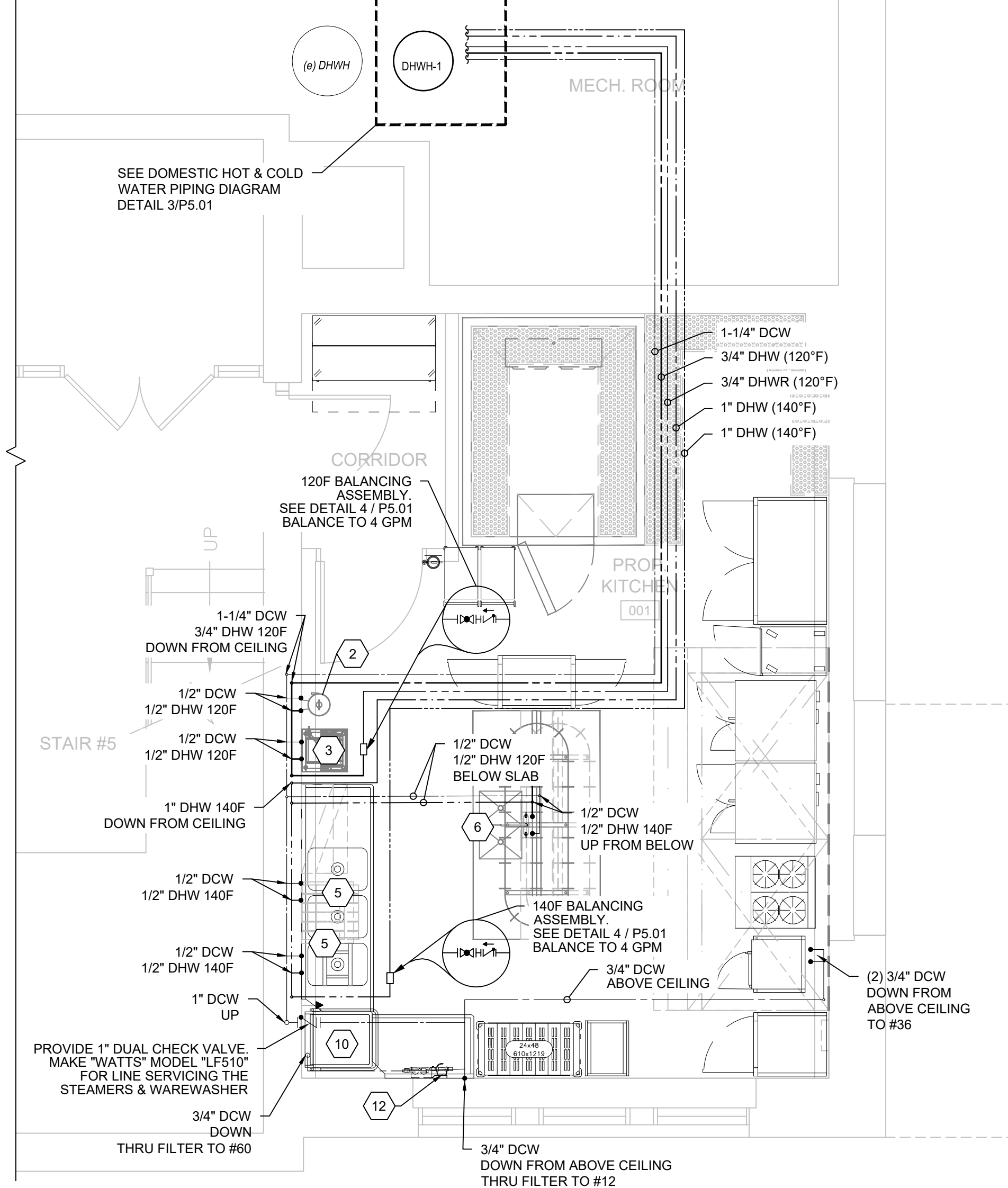
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NYSed PROJECT # 66-07-01-03-0-004-033

CAPTIVE ARE MECHANICAL DETAILS
NEW KITCHEN DESIGN
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850 MAMARONECK AVENUE
MAMARONECK, NEW YORK 10543
Job No. 4.1092.85
File No. 109285M603
M6.03



Proposed Kitchen Plumbing Floor Plan

SANITARY AND GREASE WASTE

DOMESTIC WATER

1. REFER TO MULTIPLE PRIME CONTRACT NOTES ON T0.01.

 SYMBOL INDICATES
CONSTRUCTION KEY NOTE

MAMARONECK AVENUE SCHOOL

AREA OF WORK

2006 ADDITION

MIDDLE BUILDING

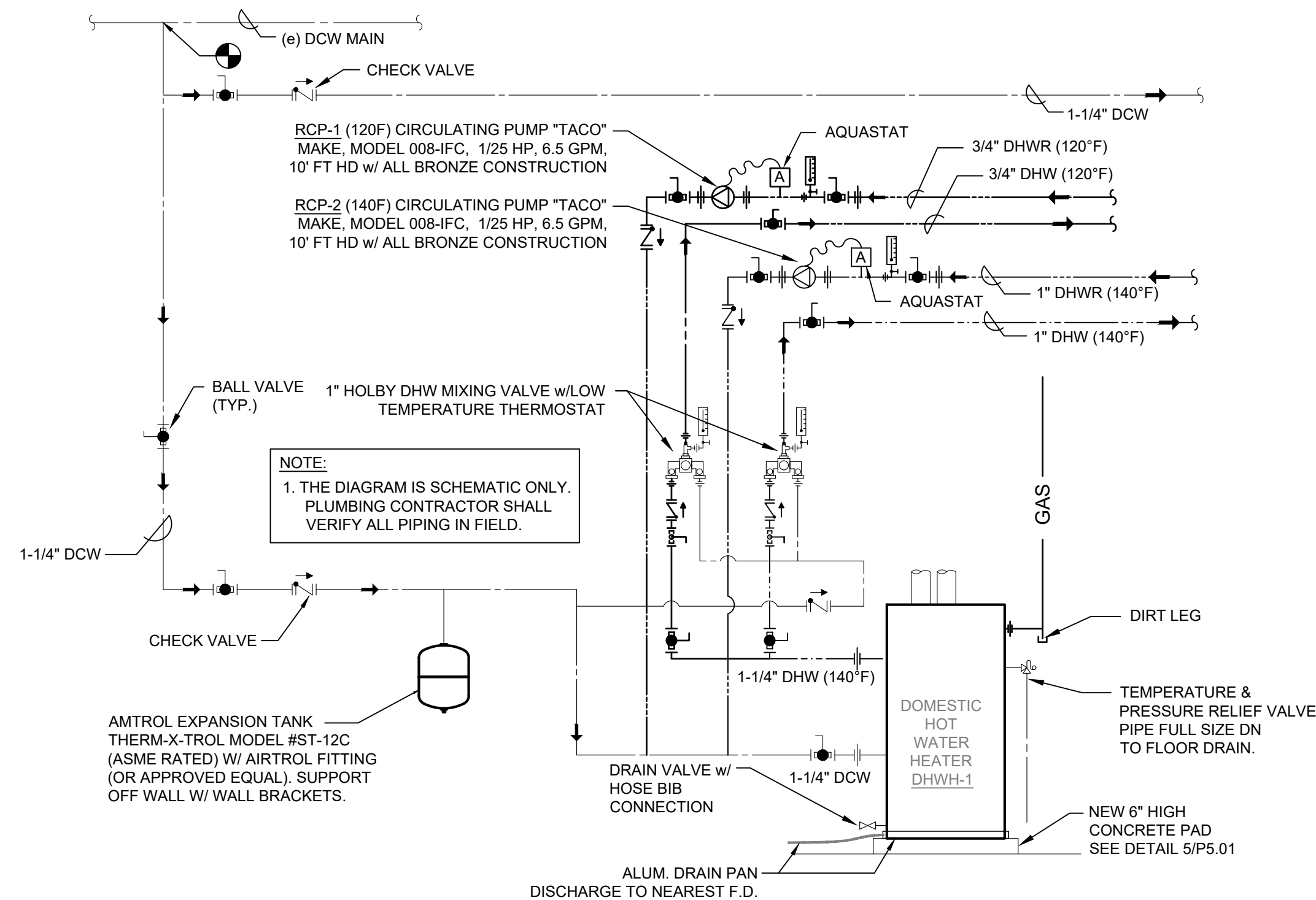
2002 ADDITION

MAS BUILDING

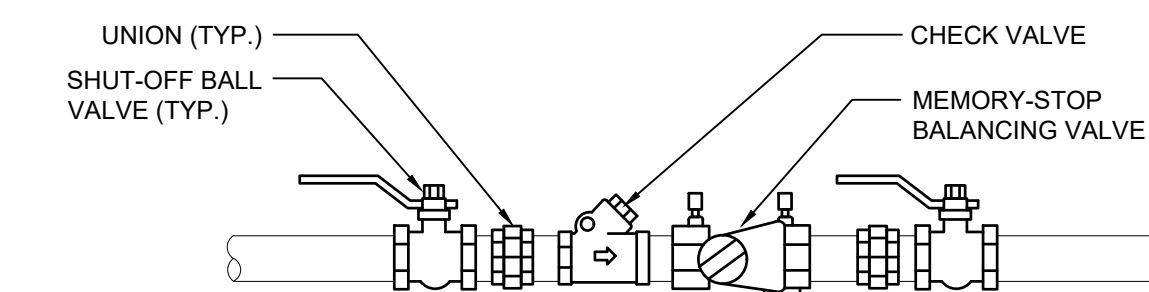
Key Plan

NOT TO SCALE

PROJECT NORTH



Proposed Domestic Hot & Cold Water Piping Diagram

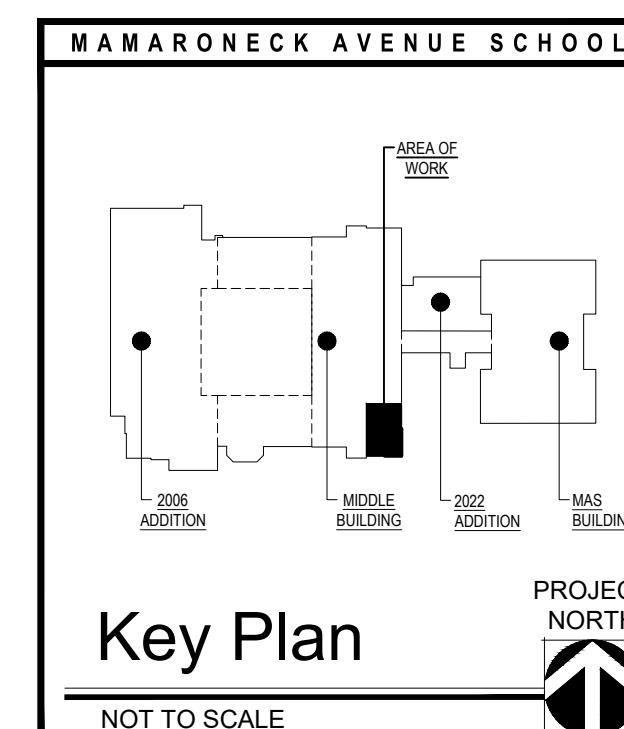


DHWR Balancing Assembly Detail

Concrete Pad Detail

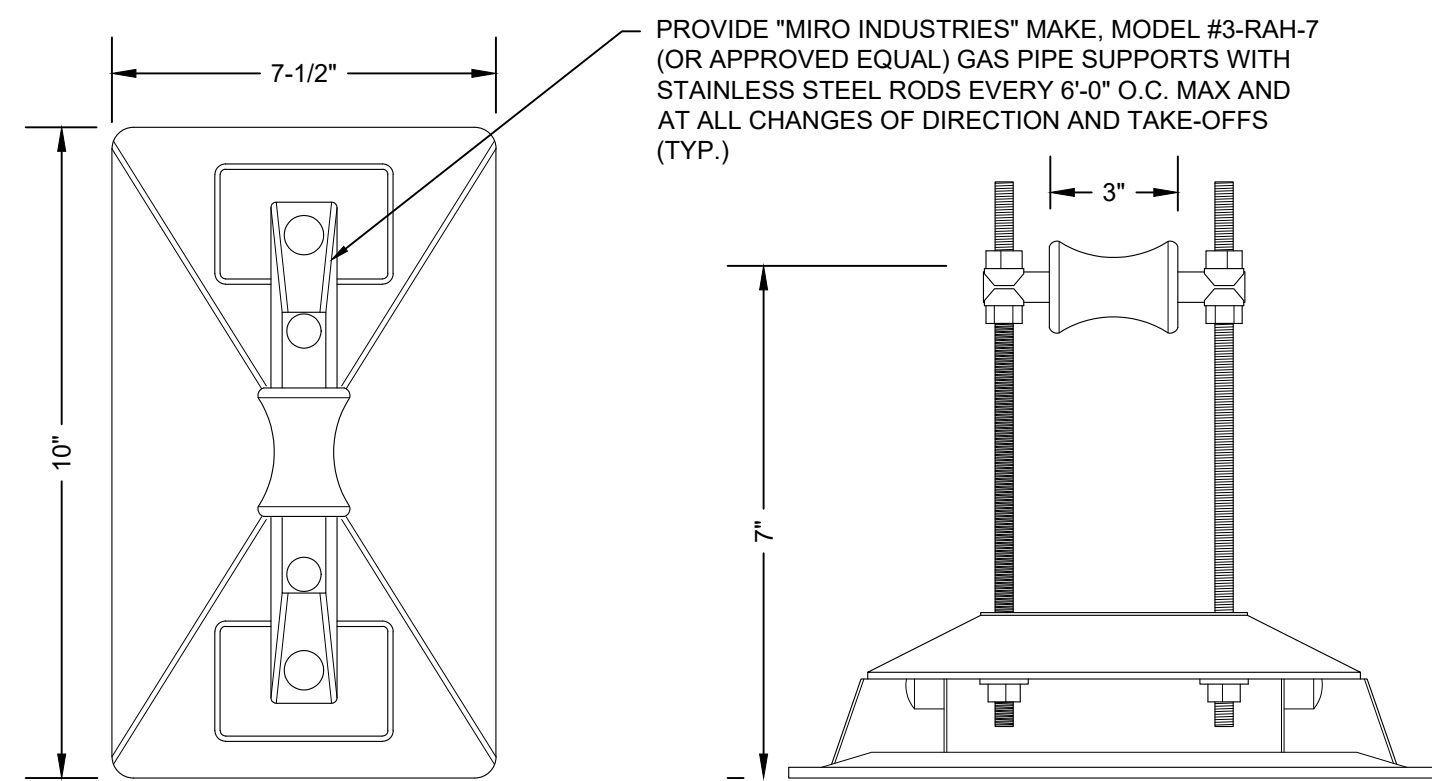
GRAVITY GREASE INTERCEPTOR SIZING							STANDARD PDH-G101, TABLE 8.3.2		
EQUIPMENT	QUANTITY	BOWL QUANTITY	DIMENSIONS OF SINK BOWL (L x W x H IN INCHES)			DRAIN DOWN DURATION	INDIVIDUAL FLOW (GPM)	SIMULTANEOUS DRAINING (YES/NO)	TOTAL FLOW (GPM)
SINK (3-COMP)	1	2	21	21	14	2 MINUTE	10 x 2	YES	20
SINK (2-COMP)	1	2	21	21	14	2 MINUTE	10 x 2	YES	20
DISHWASHER (DOOR TYPE)	1	1	-	-	-	2 MINUTE	5	YES	5
HANDJAN (2-COMP)	1	2	-	-	-	2 MINUTE	1.5 x 2	YES	3

DOMESTIC HOT WATER HEATER SCHEDULE											(AO SMITH AS STANDARD)
TAG No.	SERVICE	INPUT RATING (MBH)	RECOVERY RATE @ 100°F RISE (GPH)	STORAGE CAPACITY (GAL.)	THERMAL EFFICIENCY %	FLUE SIZE	ELECTRIC DATA VOLT/PH/Hz	MODEL & MANUFACTURER	DIMENSION DIA. x H (IN.)	APPROX. WEIGHT (LB.)	REMARKS
DHW-1	KITCHEN	150	178	100	98	4"Ø	115/1/60	BTH-150A Mxr AO SMITH	27-3/4 x 75-1/2	523	SEE NOTES
NOTES: 1. PROVIDE W/ STANDARD 150 PSI TEMPERATURE & PRESSURE RELIEF VALVE AND 4" PVC CONCENTRIC VENT. 2. PROVIDE A CONDENSATE DRAIN W/ CONDENSATE ACID NEUTRALIZING TUBE MODEL #JH-2 (OR APPROVED EQUAL) ON BOTTOM OF EXHAUST FLUE VENT 3. PROVIDE ALUMINUM DRAIN PAN, DISCHARGE W/PVC TO NEUTRAL FLOOR DRAIN (MAKE: HOLDRITE QP-30 OR APPROVED EQUAL.											

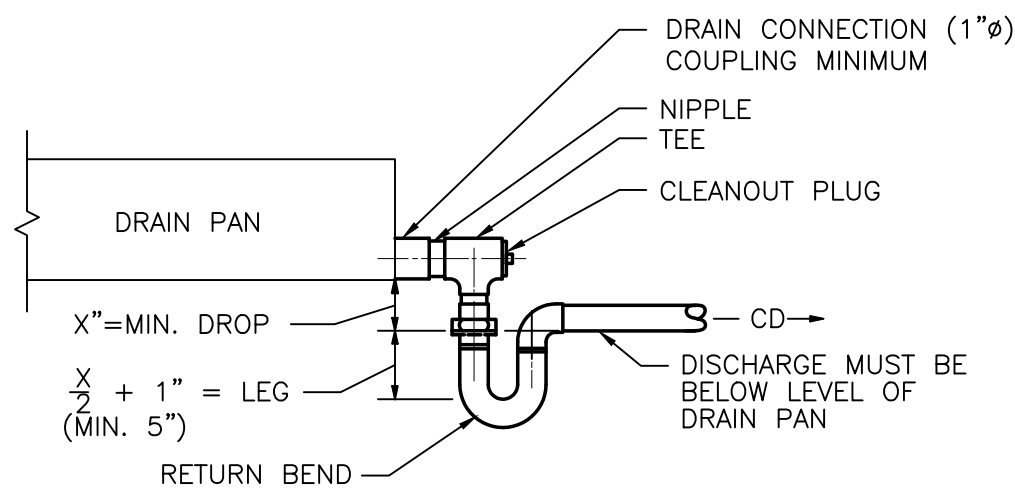


[illegible]

ABBREVIATIONS				GENERAL CONSTRUCTION NOTES		PLUMBING SYSTEM MATERIALS	
&	=	DIAMETER OR ROUND		1. PLUMBING CONTRACTOR IS RESPONSIBLE FOR CUTTING OF ALL WALLS, FLOORS, CEILING ETC. FOR ALL PLUMBING PIPE WALL & FLOOR PENETRATIONS. 2. PLUMBING CONTRACTOR IS REQUIRED TO PATCH (TO MATCH EXISTING), IMMEDIATELY AFTER REMOVAL, ALL WALL, FLOOR & CLG. OPENINGS WHERE EXISTING PIPE, ETC. ARE BEING REMOVED. SEAL OPENING WITH 2 HR RATED FIRE BARRIER CAULK. SEE GENERAL LOCATIONS ON PLUMBING DEMOLITION PLANS. 3. PLUMBING CONTRACTOR SHALL PROVIDE TIE-IN FOR ALL NEW CONDUIT THAT PENETRATES EXISTING ROOF. G.C. TO PROVIDE ROOFING PATCH WORK. 4. 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.		<u>PIPING:</u>	
ADD'L	=	ADDITIONAL				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.	
AFT	=	ABOVE FINISHED FLOOR				DOMESTIC HOT AND COLD WATER PIPING ABOVE GRADE SHALL BE TYPE "L" COPPER WITH WROUGHT COPPER SOLDER FITTINGS (LEAD-FREE SOLDER), BELOW GRADE SHALL BE TYPE "K" COPPER WITHOUT FITTINGS.	
ALT	=	ALTERNATE				GAS PIPING ABOVE GRADE SHALL BE SCHEDULE 40 BLACK STEEL WITH MALLEABLE IRON SCREWED FITTINGS (UP TO 2" PIPE SIZE) AND WELDED FITTINGS (PIPE SIZE 2-1/2" & LARGER).	
ARCH.	=	ARCHITECTURAL		CONDENSATE DRAIN PIPING ABOVE GRADE SHALL BE TYPE "L" COPPER WITH WROUGHT COPPER SOLDER FITTINGS			
CD	=	CONDENSATE DRAIN	ID	=	INSIDE DIAMETER (DIM)	<u>INSULATION:</u>	
CLG	=	CEILING	IN	=	INCH		
CO	=	CLEANOUT	INFO	=	INFORMATION		
CODP	=	CLEANOUT DECK PLATE	MAX	=	MAXIMUM		
COWP	=	CLEANOUT WALL PLATE	MECH	=	MECHANICAL	ALL DOMESTIC HOT AND COLD WATER PIPING SHALL BE INSULATED WITH FIBERGLASS PIPE INSULATION WITH ASJ JACKET: 1-1/2" THICK INSULATION FOR PIPE SIZES 3" & SMALLER, 2" THICK INSULATION FOR PIPE SIZES 4" & LARGER. ALL CONDENSATE DRAIN PIPING SHALL BE INSULATED WITH 1" THICK FLEXIBLE ELASTOMERIC INSULATION (AP ARMAFLEX BLACK LAPSEAL OR APPROVED EQUAL). <u>CLEANOUTS:</u> FLOOR: J.R. SMITH #4023S W/ ROUND NICKEL-BRONZE TOP. WALL: J.R. SMITH #4532S W/ ROUND STAINLESS STEEL TOP. <u>PIPE INSULATION/COVERS:</u> PROVIDE TRUEBRO "LAV GUARD 2" WASTE & SUPPLY PIPING COVERS FOR ALL LAVATORIES. <u>VALVES & FITTINGS:</u> 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. <u>PENETRATION FIRESTOPPING:</u> ALL PIPE PENETRATIONS (AT WALL, FLOOR, CHASE, ETC.) SHALL BE SEALED & CAULKED W/ 2 HR RATED FIRESTOPPING MATERIALS.	
GRD	=	CANOPY ROOF DRAIN	MIN	=	MINIMUM		
DCW	=	DOMESTIC COLD WATER	NTS	=	NOT TO SCALE		
DDC	=	DIRECT DIGITAL CONTROL	OD	=	OUTSIDE DIAMETER		
DHW	=	DOMESTIC HOT WATER					
DHWR	=	DOMESTIC HOT WATER RETURN	RD	=	ROOF DRAIN		
DN	=	DOWN	RPZ	=	REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER		
DWG	=	DRAWING	SPEC	=	SPECIFICATION		
EA	=	EACH	SS	=	STAINLESS STEEL		
EXIST	=	EXISTING	STD	=	STANDARD		
FD	=	FLOOR DRAIN	T&P	=	TEMPERATURE & PRESSURE		
GPH	=	GALLON PER HOUR	TMV	=	THERMOSTATIC MIXING VALVE		
HWH	=	DOMESTIC HOT WATER HEATER	TYP	=	TYPICAL		
			VTR	=	VENT THROUGH ROOF		



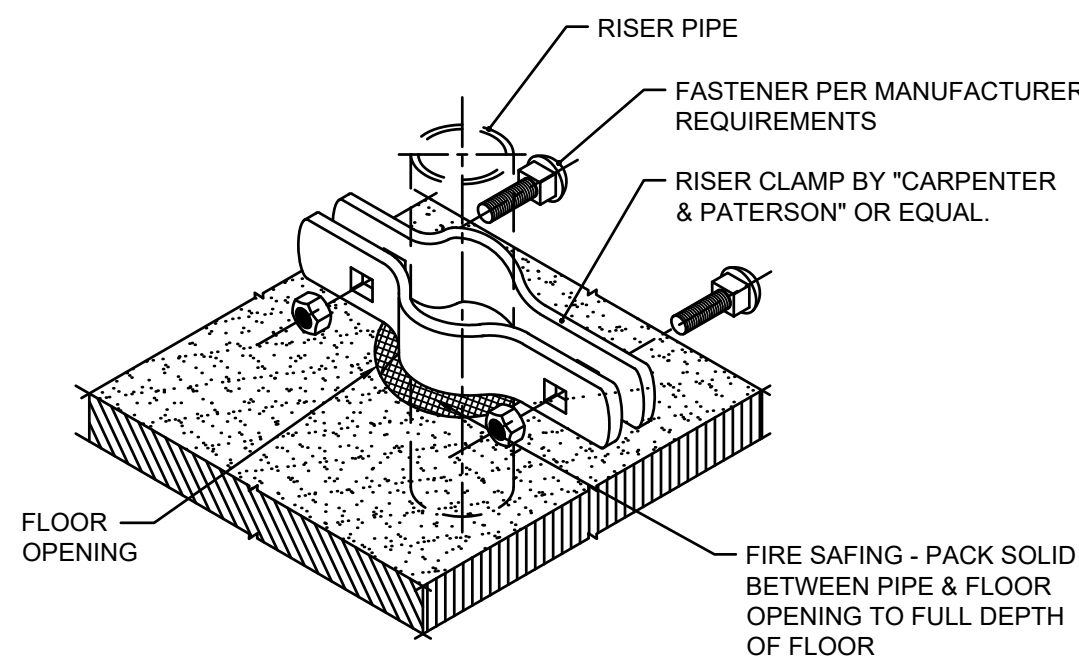
1 GAS PIPE ROOF SUPPORT DETAIL
P6.01 N.T.S.



X = NEGATIVE INTERNAL STATIC PRESSURE AT FAN INLET.

- NOTES:**
1. ALLOW SUFFICIENT SPACE BELOW DRAIN PAN FOR TRAP
 2. PITCH DRAIN FOR PROPER RUN - OFF.
 3. MANUALLY, PRIME FILL TRAP BEFORE STSRT -UP TO FORM INITIAL DRAIN SEAL.
 4. SUPPORT LENGHTY DRAIN LINES TO PREVENT SAG AND CONDENSATE OVERFLOW

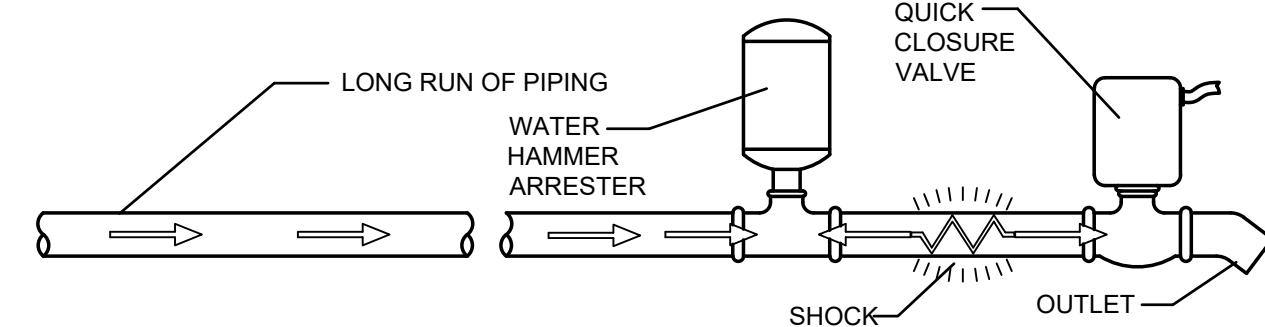
2 CONDENSATE DRAIN TRAP DETAIL
P6.01 N.T.S.



3
P6.01

PIPE RISER CLAMP

N.T.S

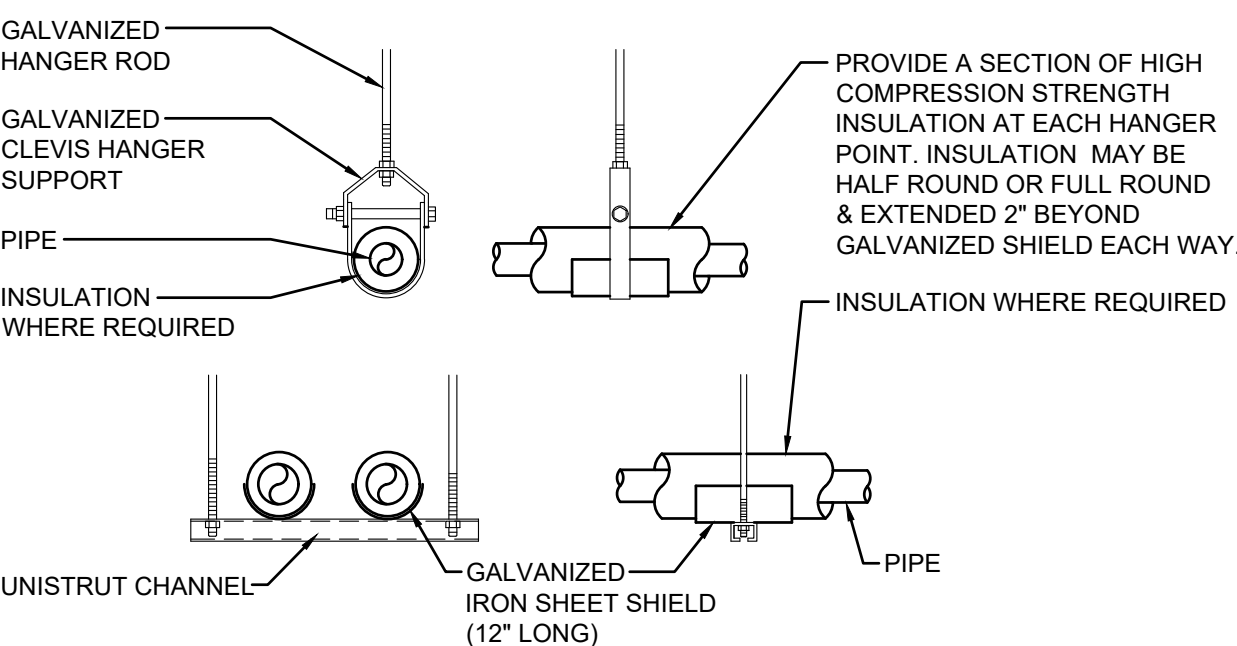


WATER HAMMER ARRESTER SELECTION CHART

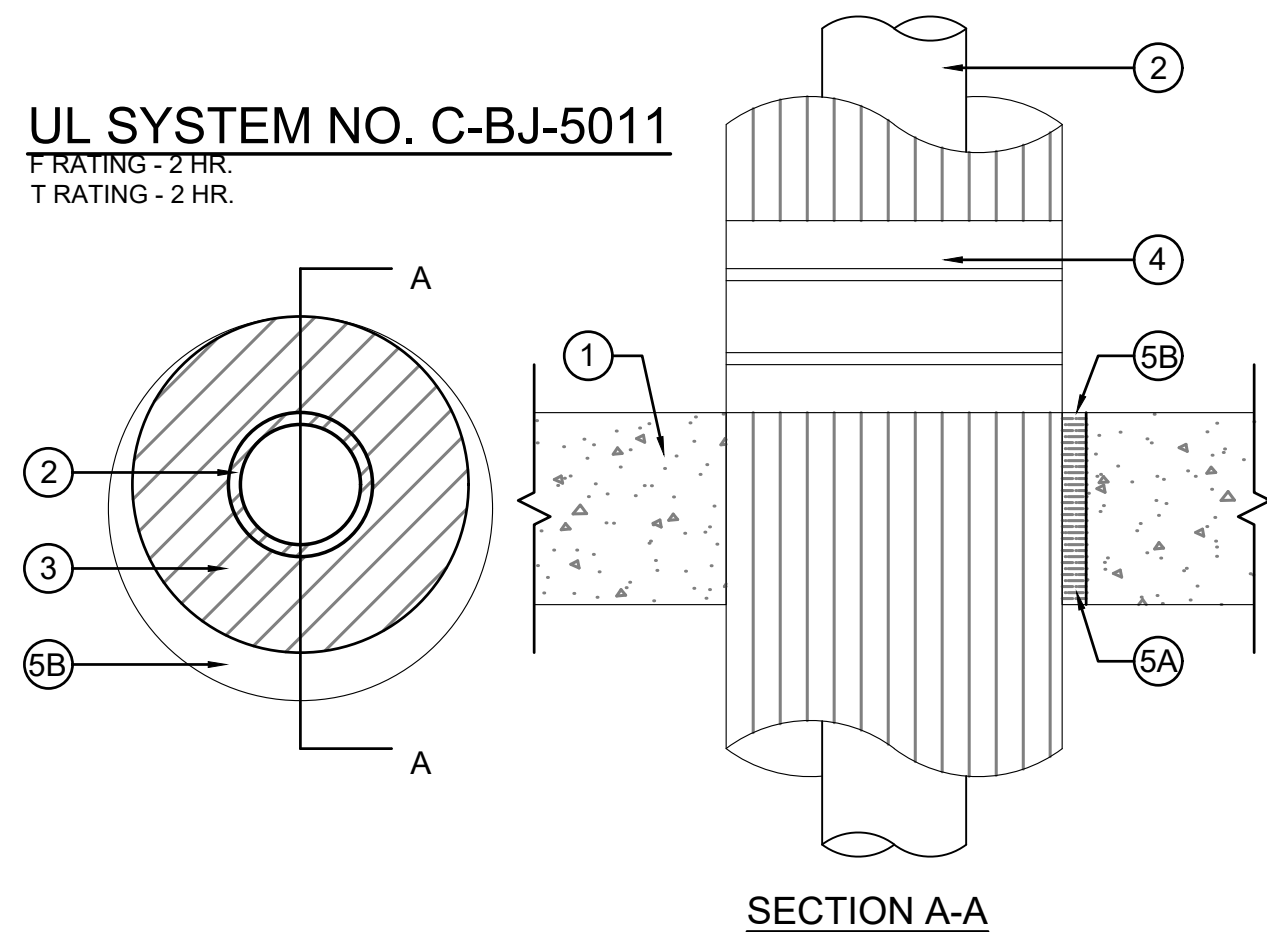
LENGTH OF PIPE	NOMINAL PIPE SIZE					
	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
25'	5005	5005	5010	5020	5030	5040
50'	5005	5010	5020	5030	5040	5050
75'	5010	5020	5030	1-5005 1-5040	5050	1-5040 1-5050
100'	5020	5030	5040	5050	1-5020 1-5050	2-5050
125'	5020	5030	5050	1-5005 1-5050	1-5040 1-5050	1-5040 2-5050
150'	5030	5040	5050	1-5030 1-5050	2-5050	3-5050

NOTE: THE ABOVE CHART SHOWS LENGTHS OF RUN OF BRANCH PIPING. THE LENGTH OF RUN USED SHALL BE THE LENGTH OF PIPE FROM POINT OF VALVE CLOSURE TO A POINT OF RELIEF, SUCH AS LARGE PIPE RISER TWICE THE SIZE OF THE BRANCH LINE, MAIN LINE OR WATER TANK.

ALL SIZING RECOMMENDATIONS SHOWN ON THE ABOVE CHART ARE BASED ON AN OPERATING WATER PRESSURE OF 65 PSI OR UNDER AN AVERAGE VELOCITY BETWEEN 5 AND 10 FEET PER SECOND. IF OPERATING PRESSURE IS OVER 65 PSI USE THE NEXT LARGER WATER HAMMER ARRESTER UNIT. WHEN PRESSURE IS ANTICIPATED ABOVE 80 PSI A PRESSURE REDUCING VALVE IS REQUIRED.



PIPE SUPPORT HANGERS



TYPICAL PIPE PENETRATION (ALL LOCATIONS)

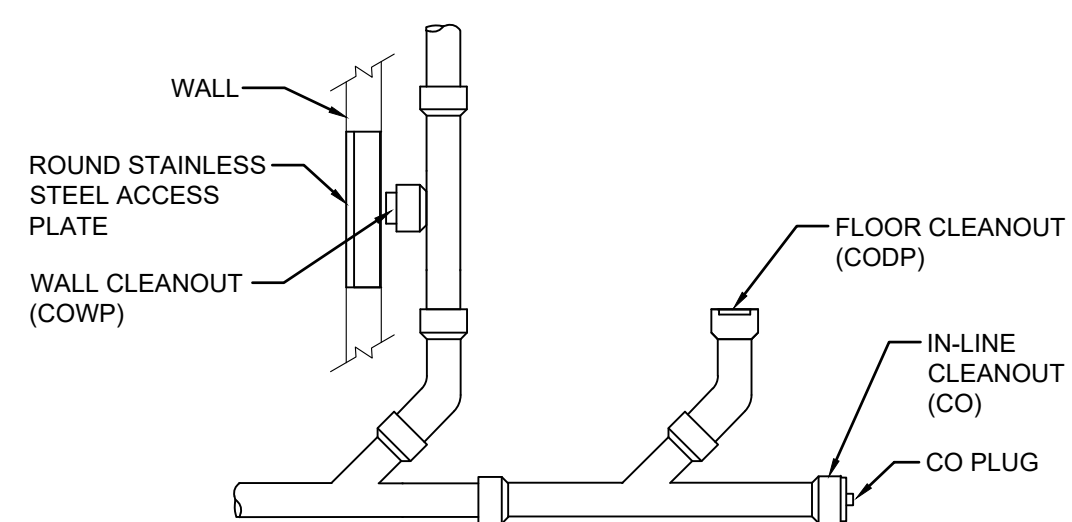
1. Floor or Wall Assembly - Min $5\frac{1}{2}$ in. thick reinforced lightweight or normal weight (100-150 pcf) concrete. Wall may also be constructed of any UL Classified Concrete Blocks*. Max diam. of opening is 14 in. See Concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers.
2. Through Penetrants - One metallic pipe or tubing to be installed either concentrically or eccentrically within the firestop system. Pipe or tubing to be rigidly supported on both sides of floor or wall assembly. The following types and sizes of metallic pipes, conduits or tubing may be used:
 - B. Iron Pipe - Nom 6in. diam. (or smaller) cast or ductile iron pipe.
3. Pipe Covering* - Cellular Glass Insulation - Max 3 in. thick cellular glass units sized to the outside diam. of the steel pipe and supplied in nom 24 in. long half sections or nom 18 in. long segments. The annular space shall be min 9 in. (point contact) to max 2 in. Pipe insulation installed on pipe in accordance with the manufacturer's instructions.

PITTSBURGH CORING CORP - FOAMGLAS
4. Metal Jacket - Min. 12 in. long jacket formed on nom. 0.010 in. thick steel or aluminum sheet cut to wrap tightly around the pipe insulation with a min. 2 in. lap. Jacket secured with min. $\frac{1}{8}$ in. wide stainless steel hose clamps or bands located within 2 in. of each end of the jacket and spaced a max. of 10 in. O.C.

Jacket to be installed with edges abutting surface of caulk fill material (Item 5) on both surfaces of wall. Metal jacket to be used in addition to any other jacketing material which may be required to or desired on the pipe insulation.
5. Firestop System - The firestop system shall consist of the following:
 - A. Packaging Material - Min 5 in. thickness of min. 4 pcf mineral wool batt insulation firmly packed into opening as a permanent form. Packaging material to be recessed from top surface of floor or from both surfaces of wall as required to accommodate the required thickness of fill material.
 - B. Fill, Void or Cavity Material* - Sealant - Min. $\frac{1}{8}$ in. thickness of fill material applied within the annulus, flush with top surface of floor or with both surfaces of wall. At point contact location between penetrant and periphery of opening, a min. $\frac{1}{8}$ in. diam. bead of fill material shall be applied at the periphery of opening/pipe covering interface on top surface of floor assembly or both surfaces of wall assembly.

JOHNS MANVILLE INTERNATIONAL INC - Firetemp

*Bearing the UL Classification Mark



6
P6.01

CLEANOUT DETAIL

N.T.S

Date	12/20/22
Checked	MAM
Drawn	RJS

MICHAEL J. McGOVERN, R.A. REGISTERED ARCHITECT License No. 022257-1
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Revisions:
10/20/23
ISSUE FOR RE-BID #2

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LAN ASSOCIATES

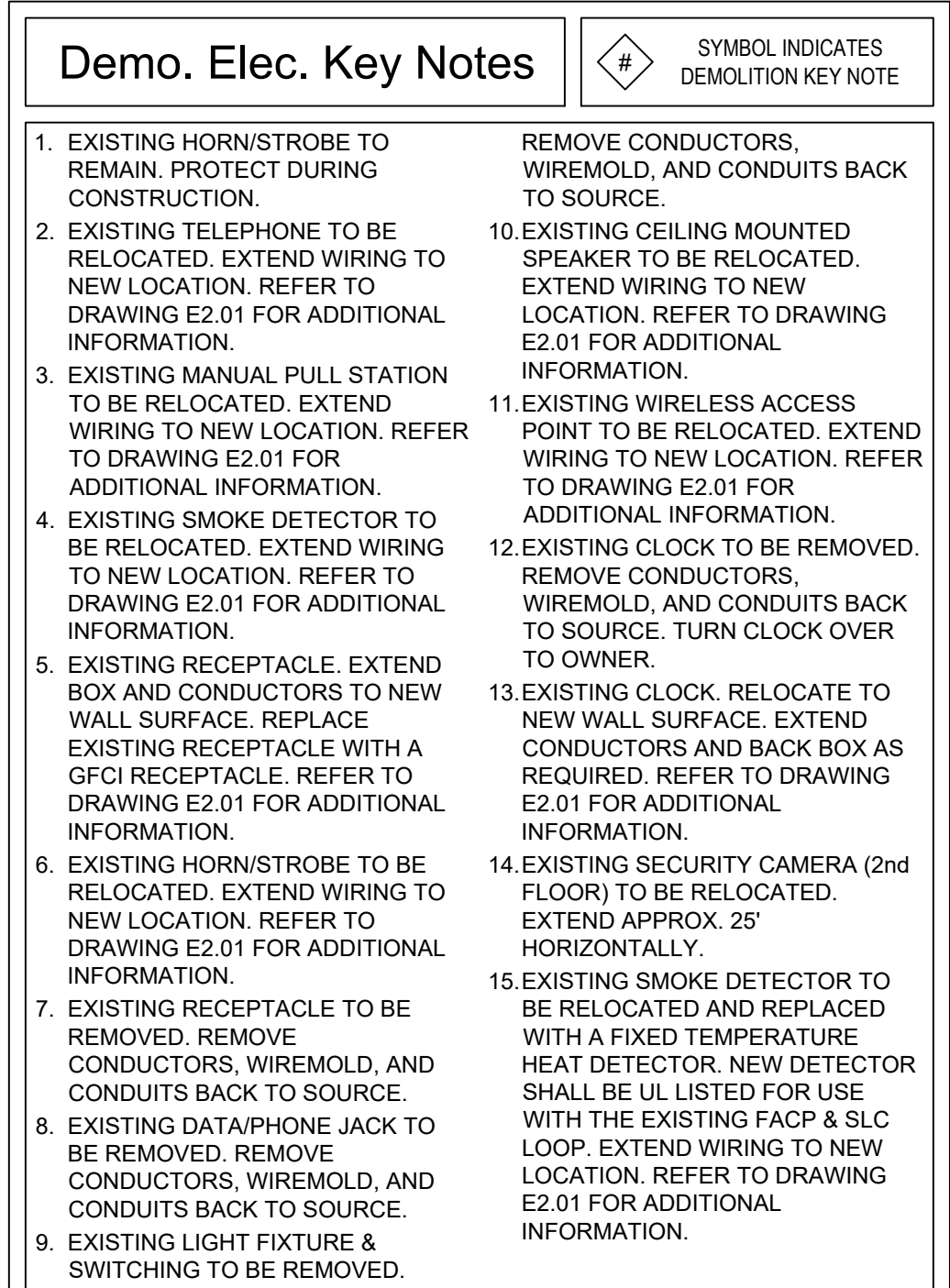
Engineering,
Planning,
Architecture,
Surveying LLP

252 Main Street, Goshen, New York 10924 | t. 845-615-0350 | f. 845-615-0351

NYSED PROJECT # 66-07-01-03-0-004-033

PLUMBING SCHEDULE/NOTES & DETAILS	NEW KITCHEN DESIGN MAMARONECK AVENUE SCHOOL 850 MAMARONECK AVENUE MAMARONECK, NEW YORK 10543
Job No. 4.1092.85	
File No. 109285P201	

P6.01



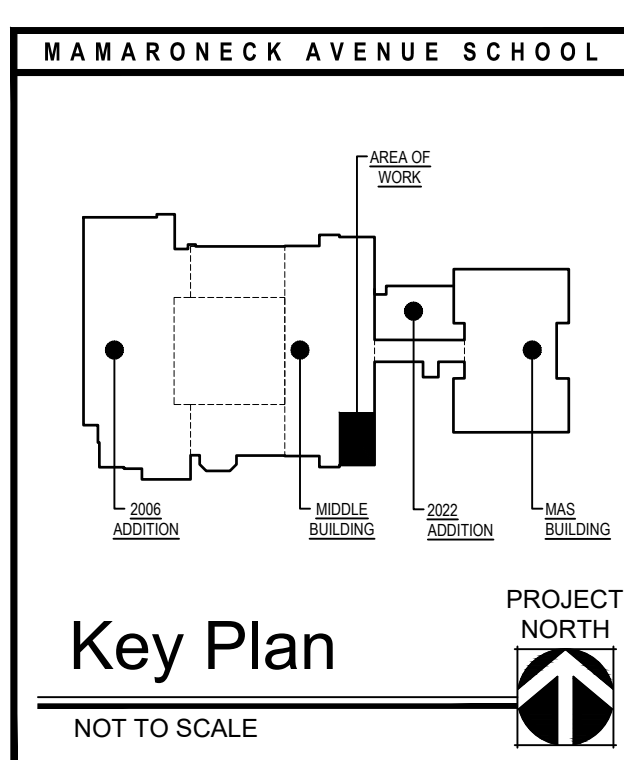
Partial Electrical Demo CIng Plan

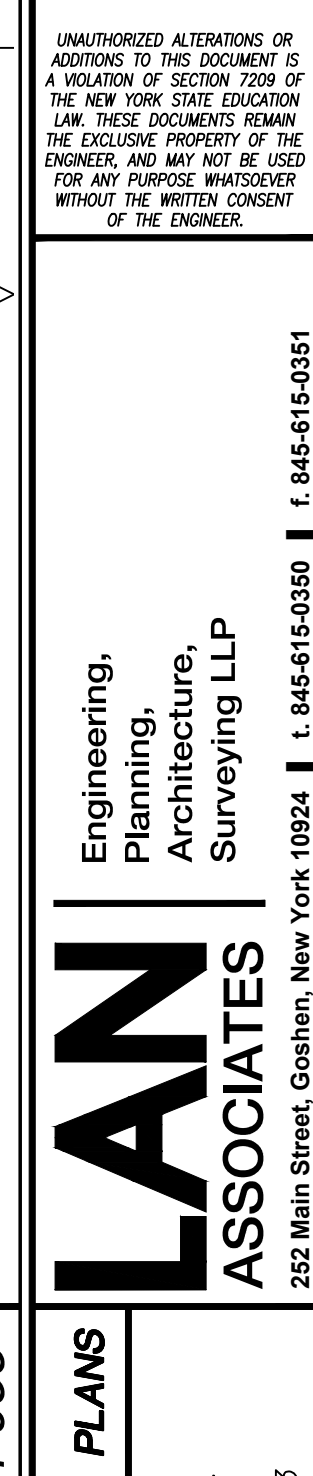
GENERAL PROJECT INFO:

- 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/OR JUNCTION BOXES SUPPORTED ONLY BY TIE-WIRE. RAISE AND SUPPORT CONDUIT WITH STRAP PER SPECS. RAISE AND SUPPORT WIRE WITH BIRDS, BRIDGES, J-HOOKS, OR OTHER APPROPRIATE MEANS. PROVIDE NEW CONDUIT/WIRE AS REQUIRED. FIXTURES IMPROPERLY SUPPORTED OR INADEQUATELY SUPPORTED BY DEVICE BOXES - PROVIDE PROPER SUPPORT PER N.E.C.
- RIKTRADE 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 ELECTRICAL WIRING AND EQUIPMENT. DISCONNECT ALL WIRING AT PANELS AND REMOVE OLD WIRING 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 PROJECT DIVISIONS. 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.
- A. 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 WIRING FOR 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 OPERATOR. FOR ALL OTHER AREAS, THE CONTRACTOR SHALL PROVIDE ALL SUB-CONTRACTORS FOR THE DURATION OF THE CONSTRUCTION. 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.
- A. 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 EXPOSED AND CONCEALED, USED FOR TEMPORARY LIGHTING AND POWER DISTRIBUTION.
- DEMOLITION REQUIREMENTS:**
- RACEWAYS ASSOCIATED WITH ELECTRICAL BEING DEMOLISHED, INCLUDING BUT NOT LIMITED TO EXISTING REMAINING WALLO, MAY BE ABANDONED IN PLACE. REMOVE WIRING FROM THE CONDUIT.
- RACEWAYS ASSOCIATED WITH ELECTRICAL BEING DEMOLISHED WHICH ARE EXPOSED SHALL BE REMOVED.
- WHERE REMOVAL OF EQUIPMENT OR WIRING IS INDICATED, IT

- 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.
- DEMOLITION AREAS:** DEMOLITION WORKS 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 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 OUTLETS ARE SHOWN TO REMAIN OR BE RELOCATED TO A NEW WALL SURFACE, PERFORM THE FOLLOWING:
- PROVIDE ADDITIONAL CONDUIT, WIRING, ETC., NECESSARY.
 - PROVIDE NEW WIRING DEVICE AND FACEPLATE.
- CHIMNEY/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 OR WHERE NEW AIR CONDITIONING OR ELECTRIC IS TO BE INSTALLED, CONTRACTOR SHALL REPLACE TO THE EXISTING CONDITION IN AREA OF DISTURBED CEILING. ANY WATER DAMAGED OR BROKEN CEILING SHALL BE REPAIRED 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 ALTERATION OF EXISTING RACKWAYS. 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 PCBs" OR SIMILAR LABEL (BALLAST MAY CONTAIN PCBs). PLACE PCB BALLASTS IN D.O.T. APPROVED CONTAINERS. PROPERLY DISPOSE OF CONTAINERS WITH A FEDERALLY APPROVED DISPOSAL CONTRACTOR. DISPOSAL SHALL INVOLVE SEPARATION OF COMPONENTS FOR RECYCLING AND INCINERATION OF PCB CONTAINERS. PROPER 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 FIRM FOR DISPOSAL OF LAMPS INCLUDING BUT NOT LIMITED TO 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 REPORTING AND PAPERWORK REQUIREMENTS OF STATE LAWS REGARDING THE HANDLING, TRANSPORTATION, AND DISPOSAL OF PCB'S AND MERCURY. CONTRACTOR SHALL BE RESPONSIBLE 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.

SCOPE OF WORK NOTE:
THE ELECTRICAL SCOPE OF WORK INDICATED ON THIS DRAWING IS THE RESPONSIBILITY OF THE OWNER. ALL PRIME CONTRACTORS ARE RESPONSIBLE FOR REVIEWING THE ELECTRICAL DRAWINGS AND NOTES REGARDLESS.





PROPOSED KITCHEN ELECTRICAL

NEW KITCHEN DESIGN

MAMARONECK AVENUE SCHOOL
850 MAMARONECK AVENUE
MAMARONECK, NEW YORK 10543

Job No. 4, 1092.85

File No. 109285E201

E2.01