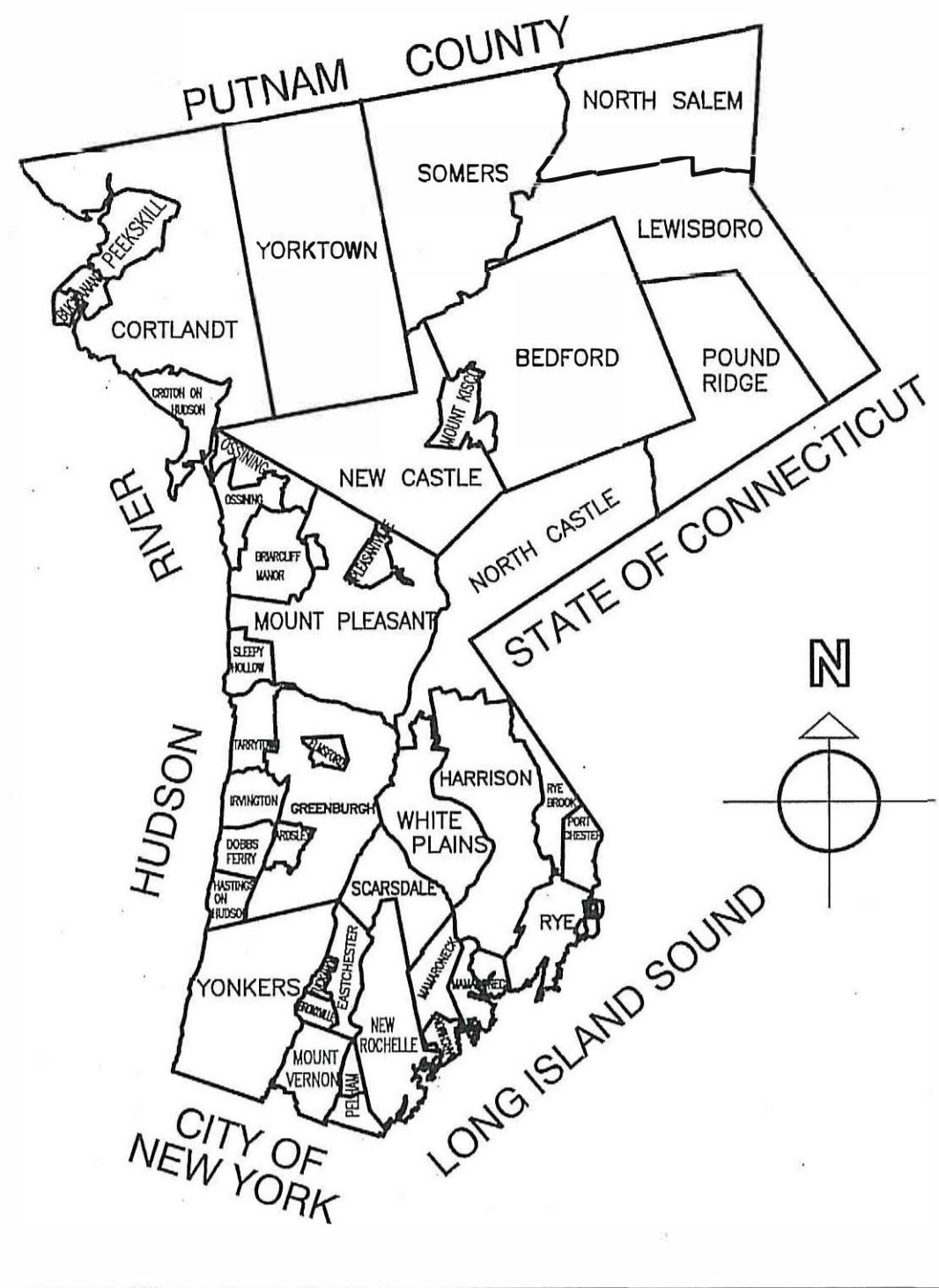


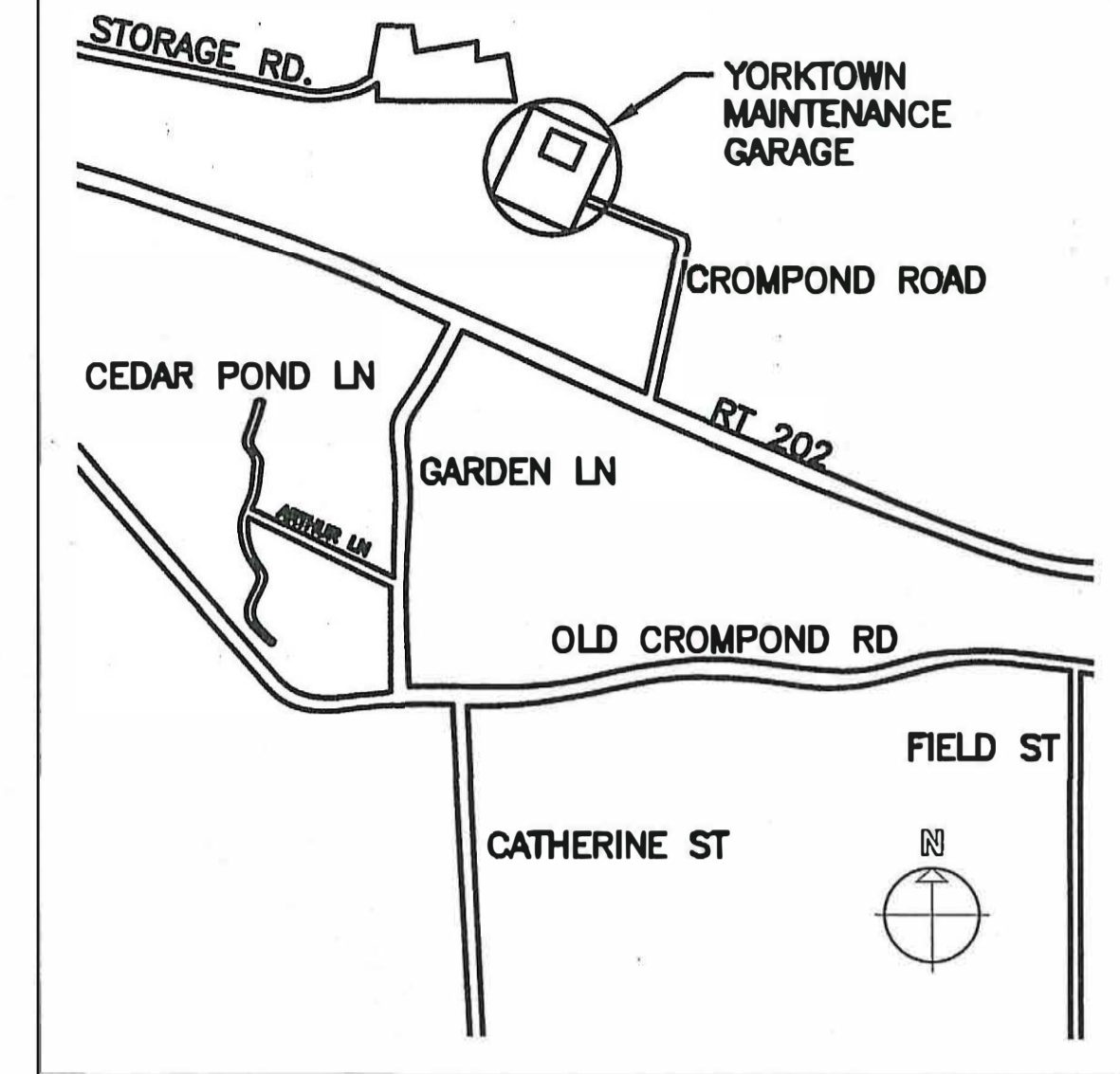


WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

CONTRACT No. 18-516
BUILDING RENOVATION
YORKTOWN MAINTENANCE GARAGE
CORTLANDT MANOR, NEW YORK

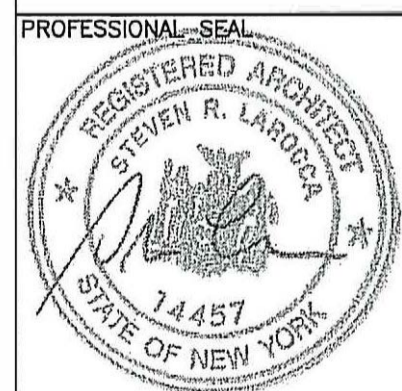


WESTCHESTER COUNTY



LOCATION MAP
SCALE: N.T.S.

SHEET NO.	SHEET TITLE	DPW FILE NO.
T-1	TITLE SHEET & DRAWING LIST	61-15-T-49-0
R-1	ROOF REMOVAL PLAN, NOTES & DETAILS	61-15-G-50-0
A-1	BUILDING REMOVALS PLANS	61-15-A-51-0
A-2	PLANS & REFLECTED CEILING PLAN	61-15-A-52-0
A-3	ROOF PLAN, NOTES & DETAILS	61-15-A-53-0
A-4	LOCKER ROOMS & BREAKROOM PLANS, ELEVATIONS & SECTIONS	61-15-A-54-0
A-5	OFFICE & MEZZANINE PLANS, ELEVATIONS, SECTIONS	61-15-A-55-0
A-6	STAIR DETAILS	61-15-A-56-0
H-1	HVAC PLAN, SCHEDULES, LEGEND	61-15-H-57-0
P-1	PLUMBING PLANS, SCHEDULE, LEGEND	61-15-P-58-0
SP-1	SPRINKLER PLANS	61-15-SP-59-0
E-1	ABBREVIATIONS, LEGEND, AND GENERAL NOTES	61-15-E-60-0
E-2	FIRST FLOOR ELECTRICAL REMOVALS, LIGHTING, POWER, AND FIRE ALARM PLAN	61-15-E-61-0
E-3	MEZZANINE ELECTRICAL LIGHTING, POWER, AND FIRE ALARM PLANS, RISER DIAGRAM, PANEL & FIXTURE SCHEDULES	61-15-E-62-0
E-4	ELECTRICAL DETAILS	61-15-E-63-0
C-1	BUILDING AND ENERGY CODE SUMMARY	61-15-E-63A-0



IT IS A VIOLATION OF NYS LAW FOR ANY PERSON TO ALTER THIS DOCUMENT IN ANY WAY, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER. IF A DOCUMENT BEARING THE SEAL OF AN ENGINEER IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE DOCUMENT THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

 APPROVED CODE COMPLIANCE REVIEW & RECOMMENDED FOR CONSTRUCTION JOSEPH J. NICOLETTI, P.E. DEPUTY COMMISSIONER DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DATE: 03-24-21	 RECOMMENDED FOR DESIGN JOSEPH GIBNEY, P.E. DIRECTOR OF WASTEWATER TREATMENT DEPARTMENT OF ENVIRONMENTAL FACILITIES DATE: 7/21/21	 RECOMMENDED FOR CONSTRUCTION LEAH RADKO, P.E. DIRECTOR OF DESIGN COORDINATION DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DATE: 7-22-21	 RECOMMENDED FOR CONSTRUCTION GAYLE M. KATZMAN, P.E. FIRST DEPUTY COMMISSIONER DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DATE: 7-22-2021	 APPROVED FOR CONSTRUCTION VINCENT F. KOPICKI, P.E. COMMISSIONER DEPARTMENT OF ENVIRONMENTAL FACILITIES DATE: 7/22/21	 AP PROVED FOR CONSTRUCTION HUGH J. GREECHAN, JR., P.E. COMMISSIONER DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DATE: 7/23/21
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 REGISTERED ARCHITECT STEVEN R. LARDOCK 14457 STATE OF NEW YORK	LA ROCCA GREEN ARCHITECTS, LLC 22 PURCHASE STREET RYE, NEW YORK 10508	BARILE GALLAGHER AND ASSOCIATES CONSULTANT ENGINEERS, PC 39 MARBLE AVENUE PLEASANTVILLE, NY 10570	GROSSFIELD MARCI STRUCTURAL ENGINEERS 75 SMITH AVENUE MT. KISCO, NY 10547
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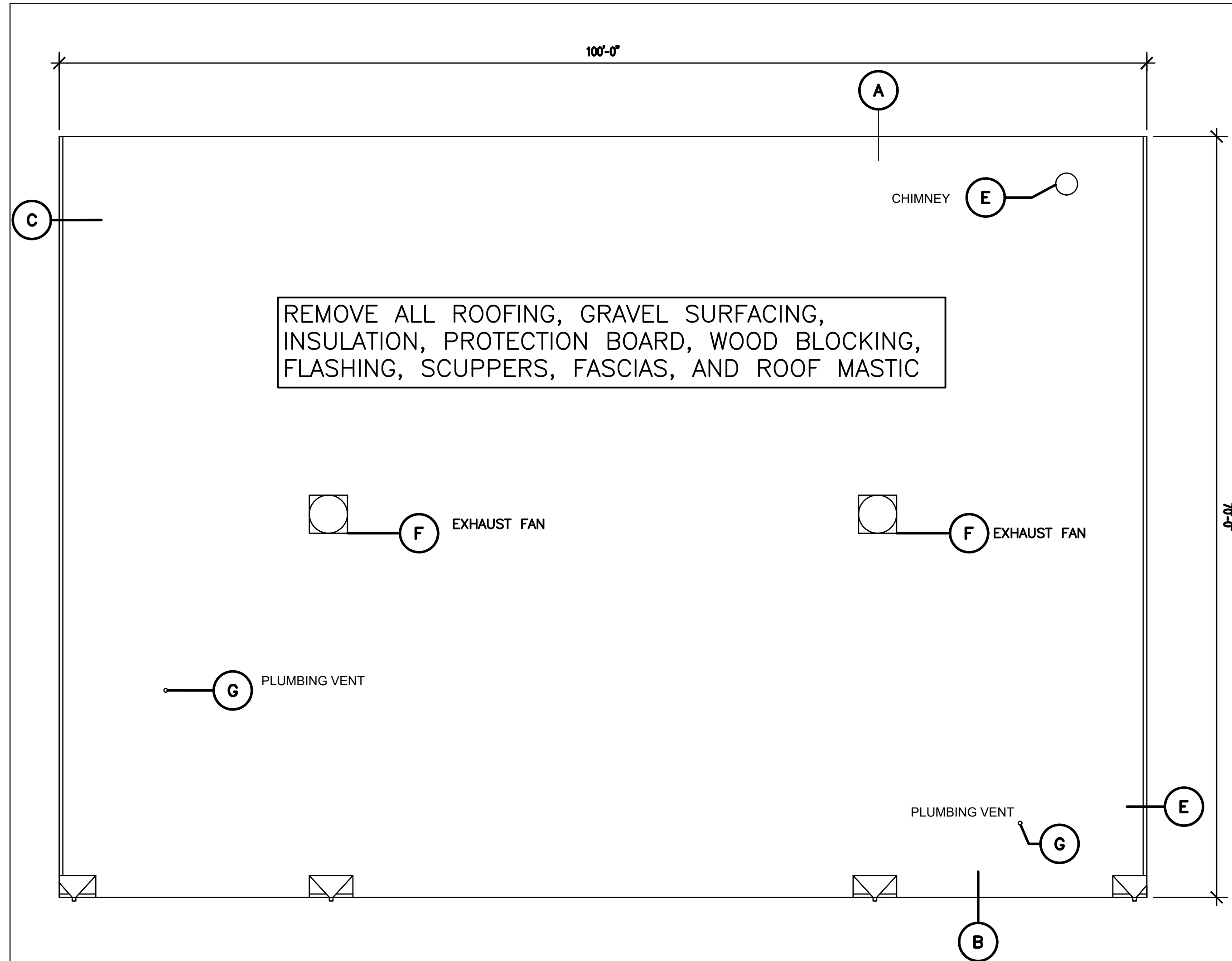
COUNTY COMMENTS

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

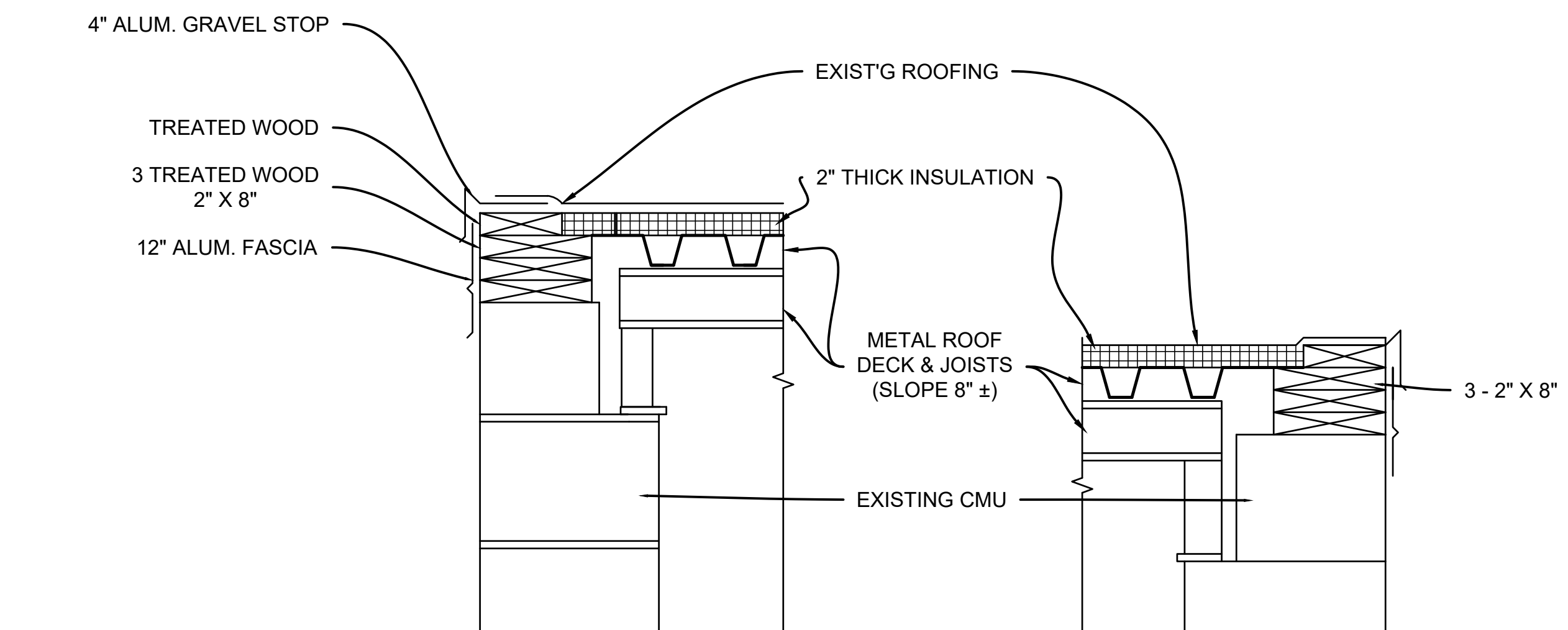
RECORD DRAWING CERTIFICATION

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CONTRACTOR NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____	PROJECT COORDINATOR NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____

WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING BUILDING RENOVATION YORKTOWN MAINTENANCE GARAGE TITLE SHEET & DRAWING LIST		CONTRACT NUMBER 18-516 SHEET NUMBER T-1 SHEET NO. 1 OF 16 SCALE: DATE: 03/17/2021 DPW FILE NO. 61-15-T-49-0 REV. NO.
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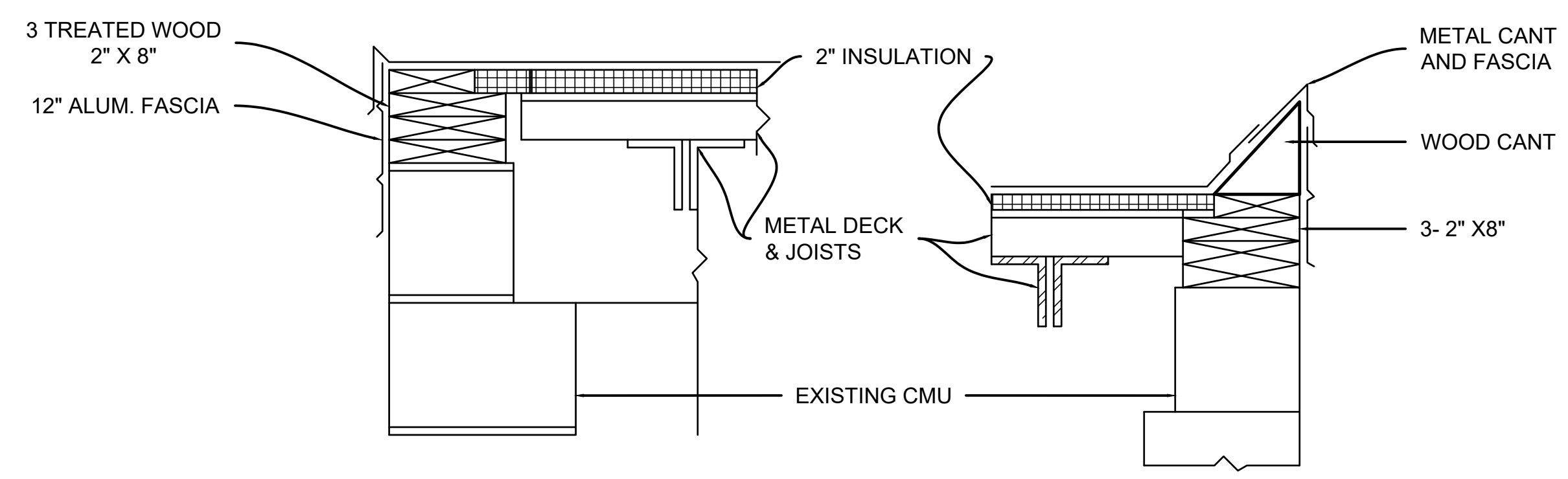


1 ROOF EXISTING CONDITIONS AND REMOVAL PLAN
SCALE: 1/8" = 1'-0"



A EXISTING ROOF EDGE DETAIL - NORTH
SCALE: 1/8" = 1"

B EXISTING ROOF EDGE DETAIL - SOUTH
SCALE: 1/8" = 1"



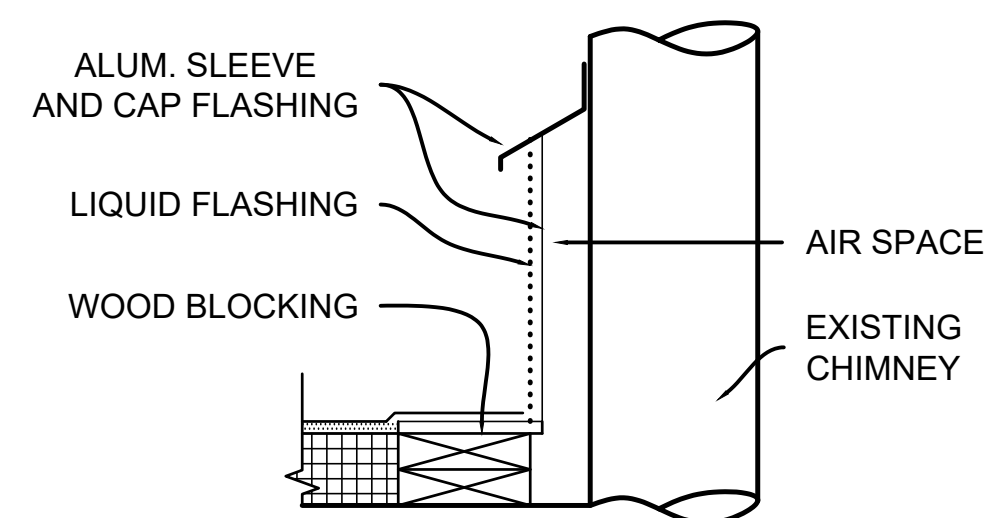
C EXISTING ROOF EDGE DETAIL - WEST / HIGH SIDE
SCALE: 1/8" = 1"

D EXISTING ROOF EDGE DETAIL - EAST / LOW SIDE
SCALE: 1/8" = 1"

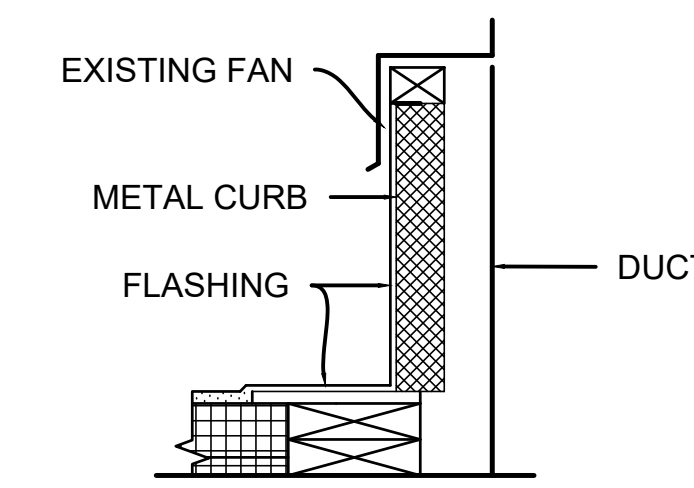
NOTE: JOISTS, DECK & INSULATION & EXISTING CMU, SLOPE DOWN FROM NORTH TO SOUTH. NEW BLOCKING SHALL BE STEPPED FOR EAVE HEIGHT LEVEL WITH HIGH SIDE.

NOTES:

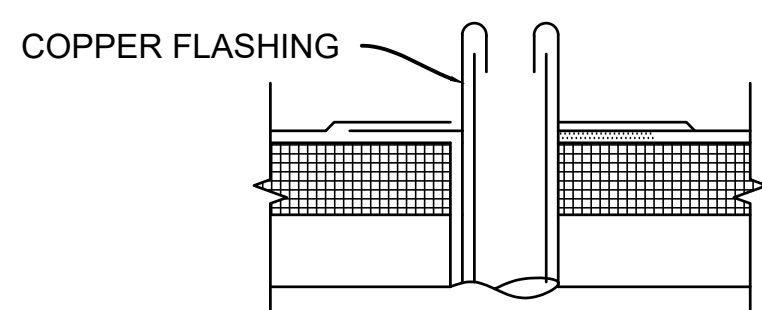
- EXISTING ROOFING MASTIC CONTAINS ASBESTOS. ALL REMOVALS SHALL BE DONE BY THE ASBESTOS ABATEMENT CONTRACTOR. REMOVE EXISTING ROOFING, GRAVEL TOPPING, FLASHING, GRAVEL STOPS, FASCIAS, CANTS, BLOCKING, INSULATION, COVER BOARDS, VAPOR BARRIER, SCUPPERS AND RELATED MATERIALS.
- PROVIDE TEMPORARY ROOF COVERING TO MAINTAIN THE BUILDING WATERTIGHT.
- ROOF REMOVAL AND NEW ROOFING SHALL BE PHASED IN LIMITED AREAS AS DETERMINED BY THE ABATEMENT CONTRACTOR TO PROVIDE WATERTIGHT CONDITIONS AS SPECIFIED.



E EXISTING CHIMNEY DETAIL
SCALE: 1/8" = 1"



F EXISTING FAN CURB DETAIL
SCALE: 1/8" = 1"



G EXISTING VENT DETAIL
SCALE: 1/8" = 1"

	LA ROCCA GREEN ARCHITECTS, LLC 22 PURCHASE STREET RYE, NEW YORK 10508	
	BARILE GALLAGHER AND ASSOCIATES CONSULTANT ENGINEERS, PC 39 MARBLE AVENUE PLEASANTVILLE, NY 10570	GROSSFIELD MARCI STRUCTURAL ENGINEERS 75 SMITH AVENUE MT. KISCO, NY 10547

COUNTY COMMENTS

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

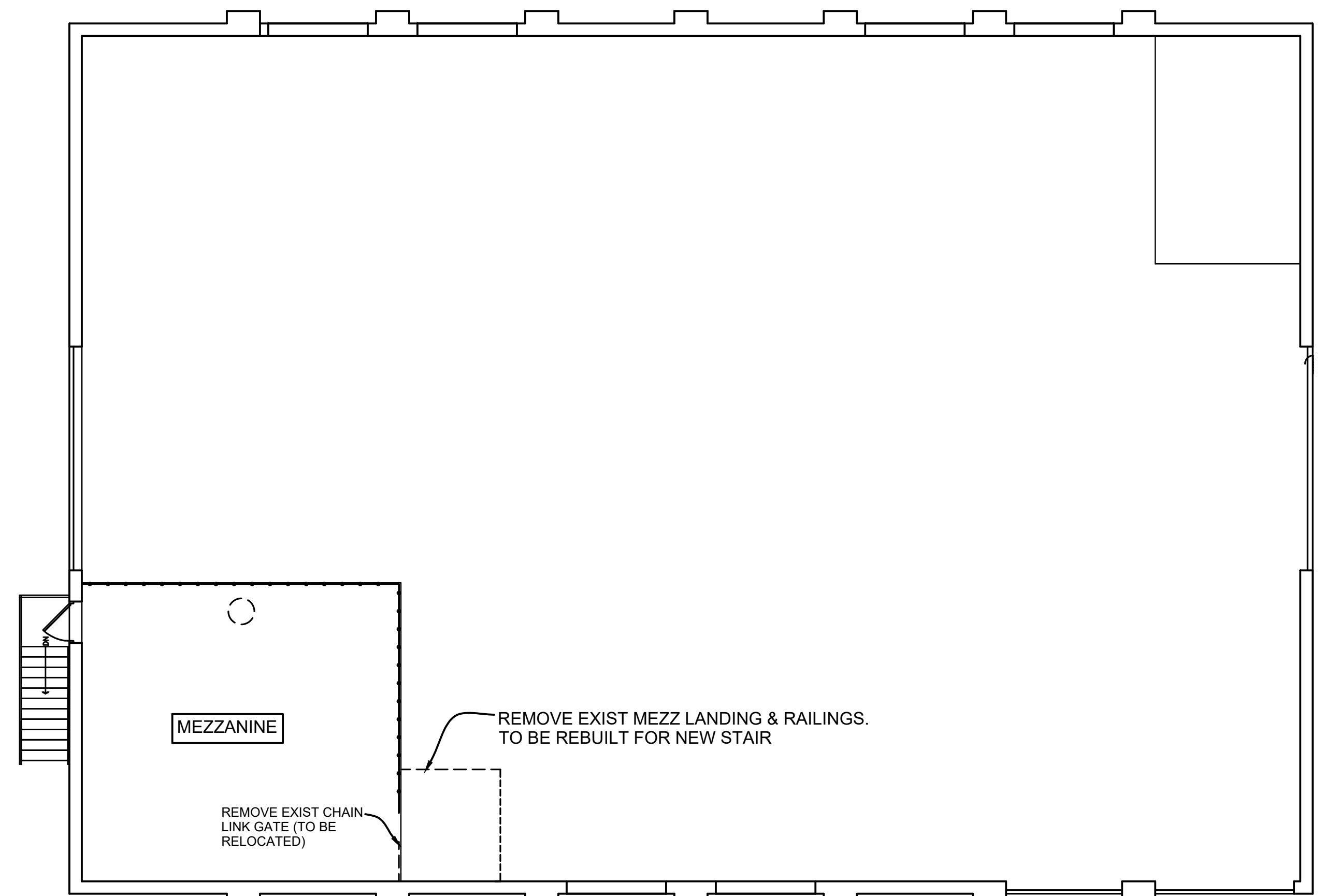
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- AS BUILT - NO CHANGES

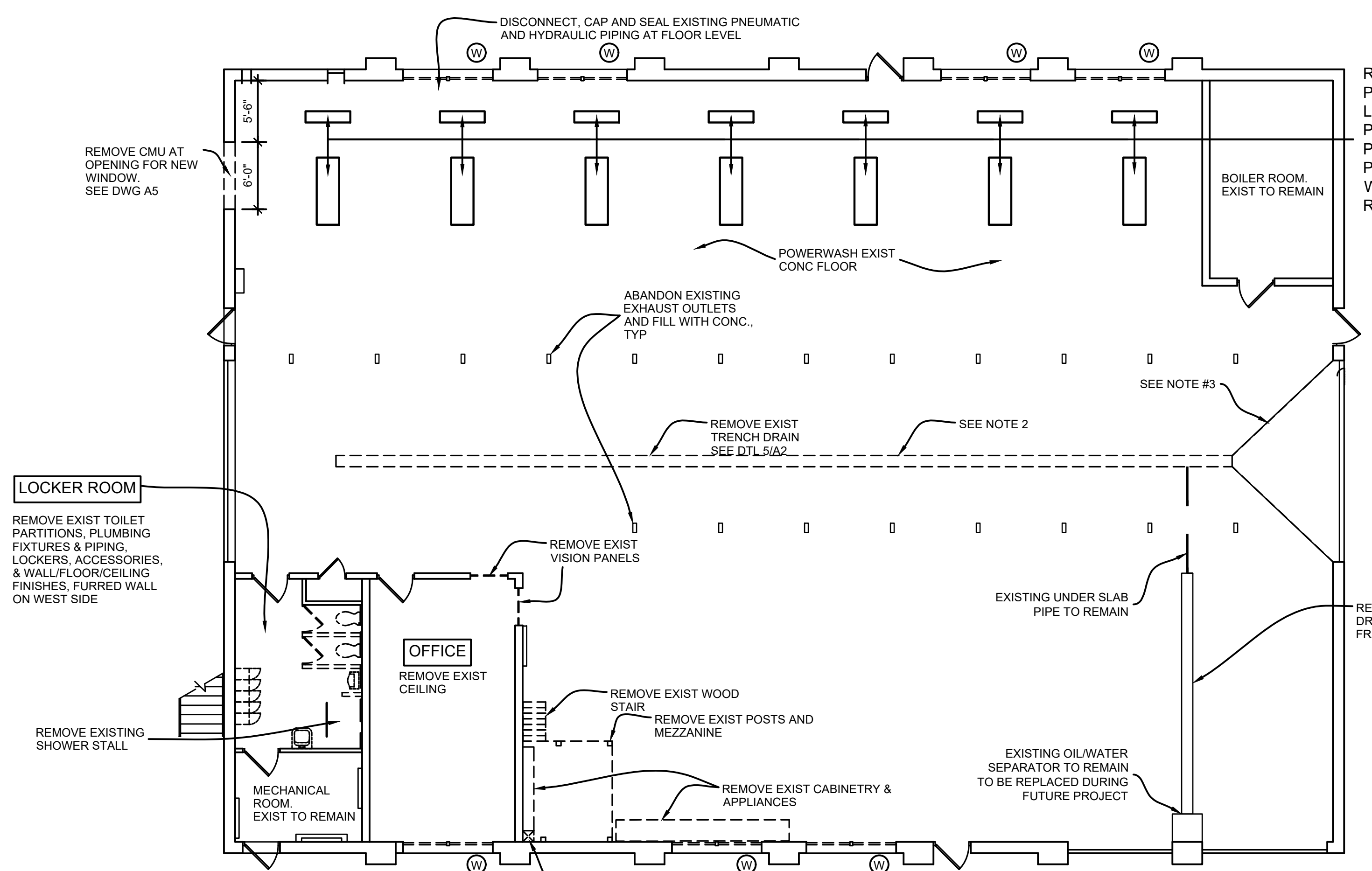
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER 18-516	SHEET NUMBER R-1
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BUILDING RENOVATION YORKTOWN MAINTENANCE GARAGE ROOF REMOVAL PLAN, NOTES & DETAILS		SHEET NO. 2 OF 16 SCALE: AS NOTED DATE: 03/17/2021 DPW FILE NO. 61-15-G-50-0 REV. NO.
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2 DEMOLITION PLAN - MEZZANINE
SCALE: 1/8" = 1'-0"



1 DEMOLITION PLAN - FLOOR 1
SCALE: 1/8" = 1'-0"

REMOVE EXISTING STEEL PLATES AND HYDRAULIC LIFT EQUIPMENT IN SLAB POCKETS. CAP EXISTING PNEUMATIC AND HYDRAULIC PIPING. CLEAN PIT WALLS AND BOTTOM TO RECEIVE CONCRETE FILL.

- REMOVAL NOTES:**
1. SEE SPECIFICATIONS FOR PHASING REMOVALS COORDINATED WITH NEW WORK.
 2. SAW CUT AND REMOVE FLOOR SLAB FOR NEW 3' WIDE CONCRETE TRENCH AS SHOWN ON DETAIL 5 DWG A-2
 3. SAW CUT AND REMOVE CRACKED FLOOR SLAB AND THICK STONE BASE TO BE REPLACED

	LA ROCCA GREEN ARCHITECTS, LLC 22 PURCHASE STREET RYE, NEW YORK 10508	
	BARILE GALLAGHER AND ASSOCIATES CONSULTANT ENGINEERS, PC 39 MARBLE AVENUE PLEASANTVILLE, NY 10570	GROSSFIELD MARCI STRUCTURAL ENGINEERS 75 SMITH AVENUE MT. KISCO, NY 10547

COUNTY COMMENTS				

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

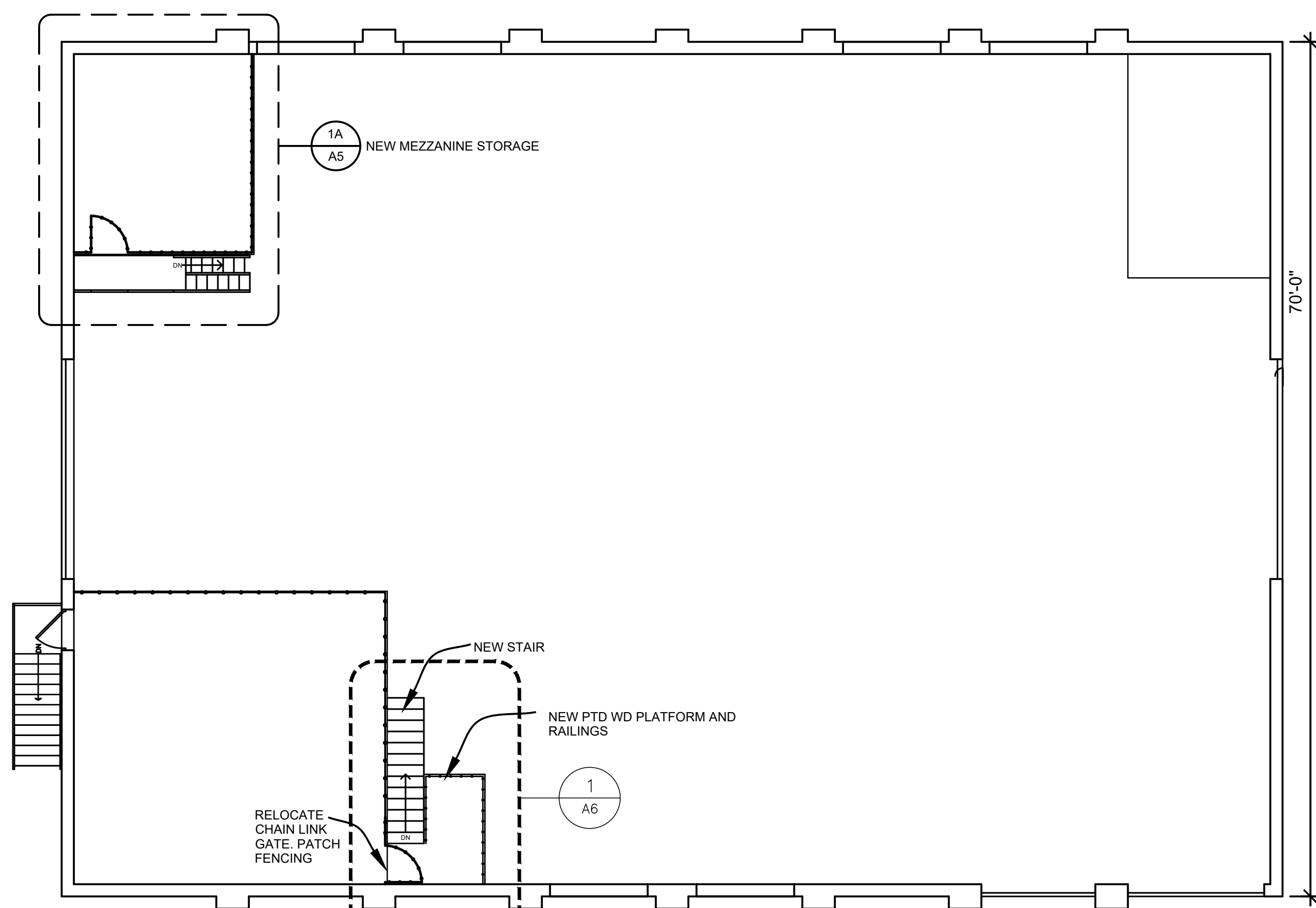
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- AS BUILT - CHANGES AS NOTED
- AS BUILT - NO CHANGES

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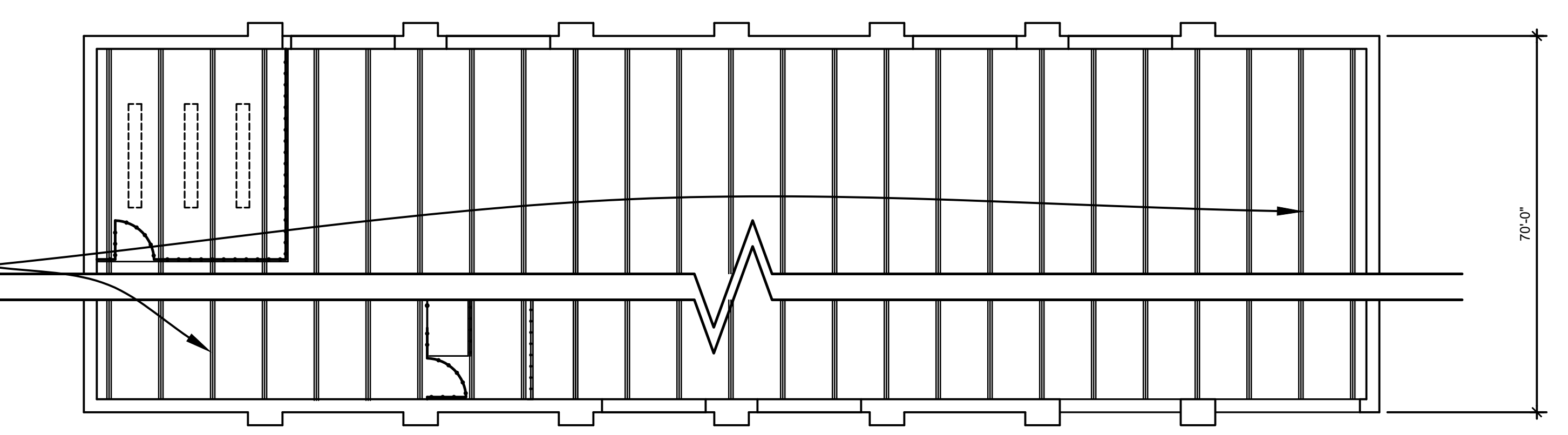
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER 18-516	SHEET NUMBER A-1
		SHEET NO. 3 OF 16	

BUILDING RENOVATION YORKTOWN MAINTENANCE GARAGE		SCALE: AS NOTED DATE: 03/17/2021
BUILDING REMOVALS PLANS		DPW FILE NO. 61-15-A-51-0 REV. NO.

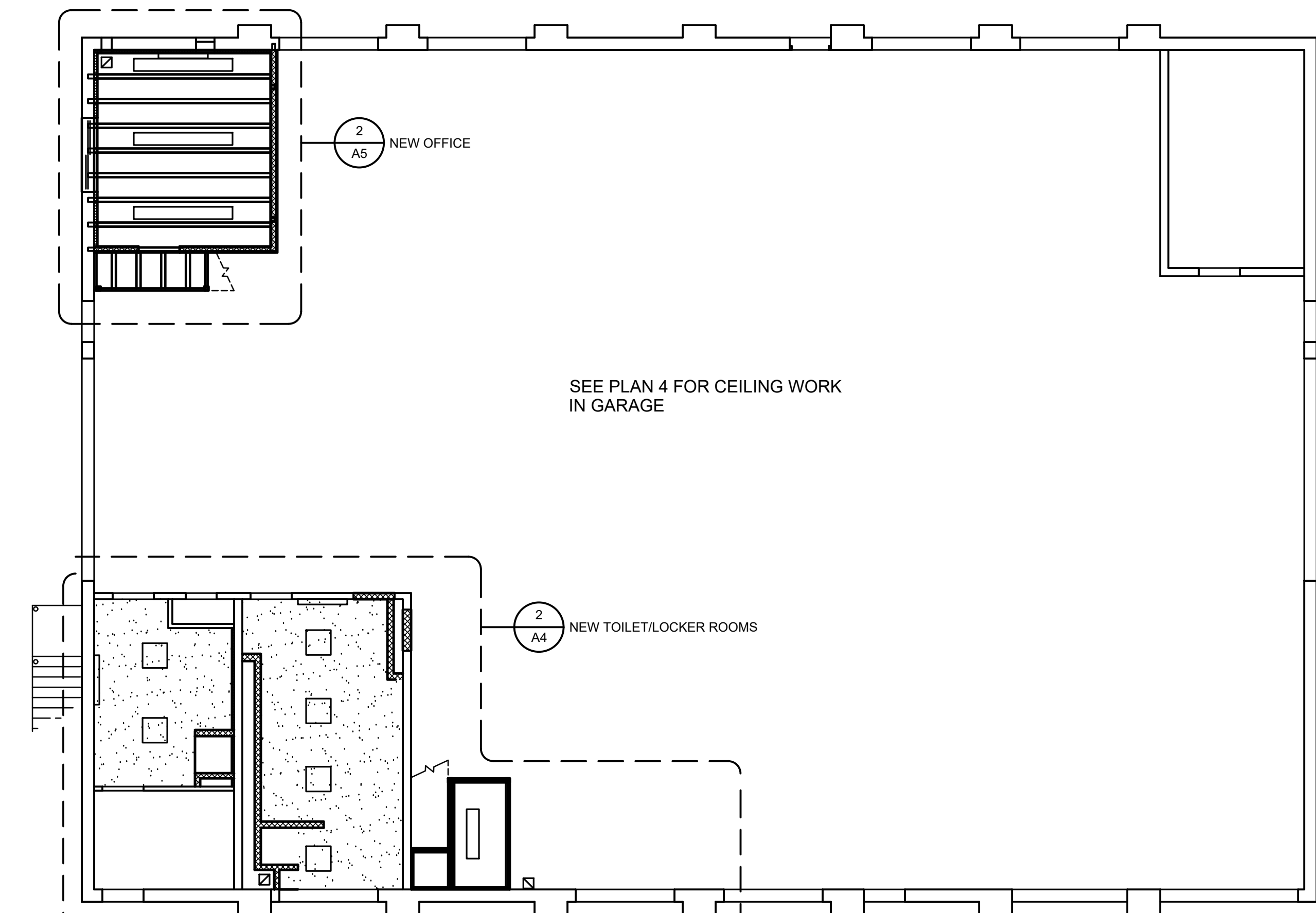


2 PLAN - MEZZANINE
SCALE: 1/8" = 1'-0"

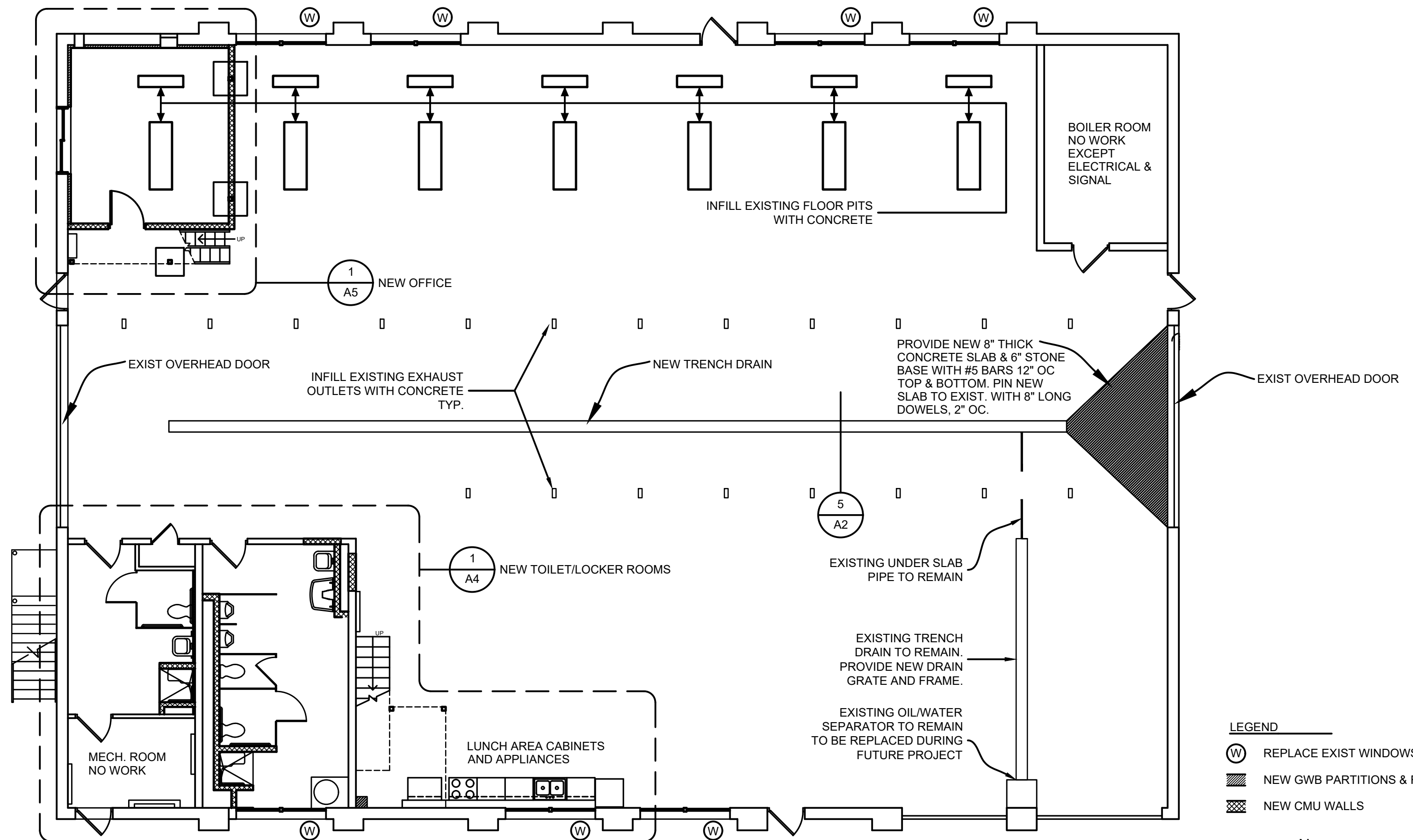
BASE BID. PAINT EXISTING METAL DECK AND MISC. METAL ATTACHED TO DECK. ALTERNATE ONE PAINT ALL EXIST ROOF JOISTS



4 REFLECTED CEILING PLAN - GARAGE
SCALE: 1/8" = 1'-0"

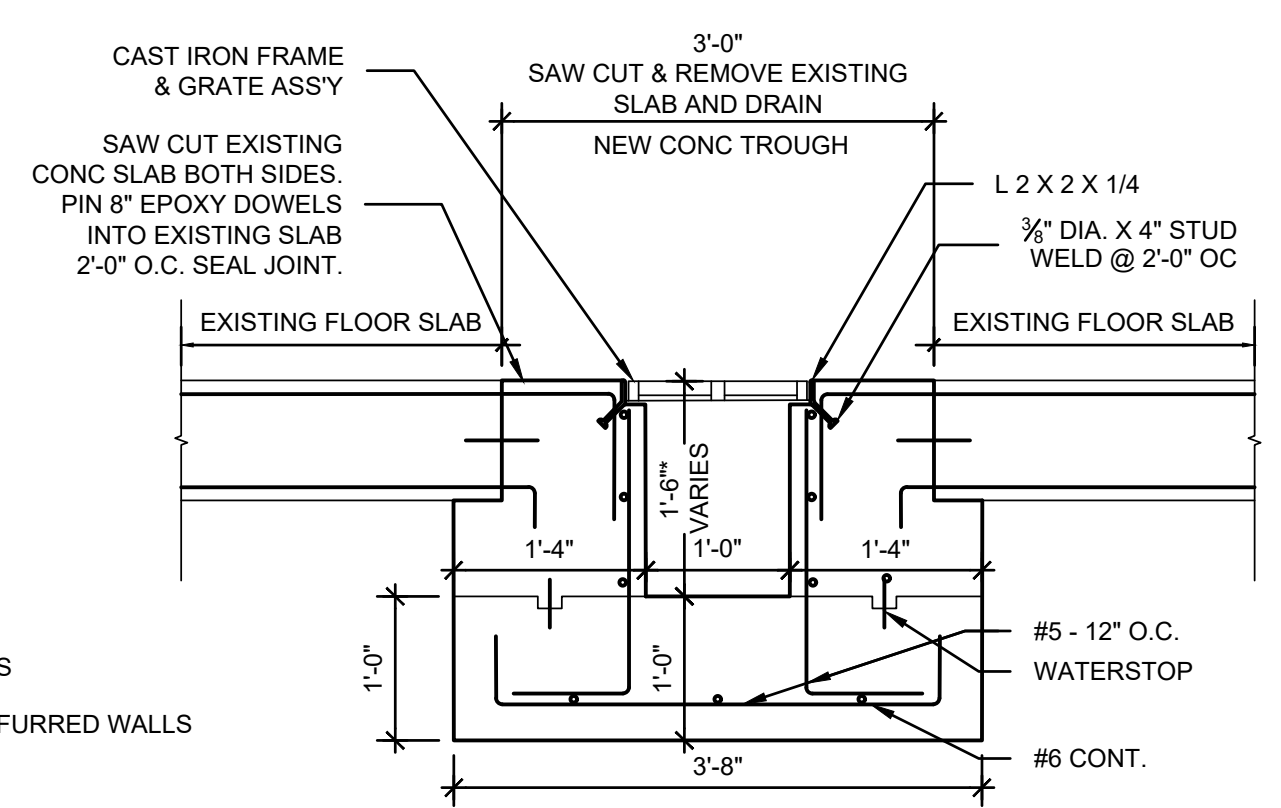
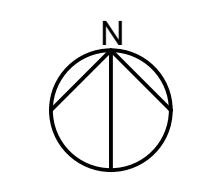


3 REFLECTED CEILING PLAN - FLOOR 1
SCALE: 1/8" = 1'-0"



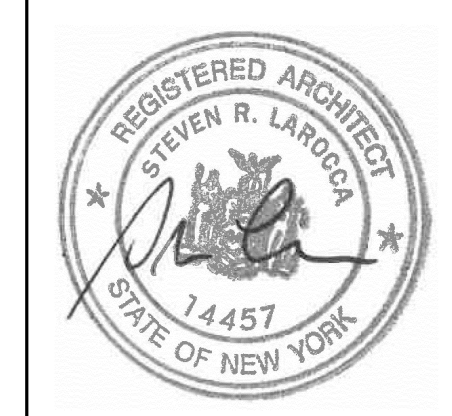
1 PLAN - FLOOR 1
SCALE: 1/8" = 1'-0"

- LEGEND**
- ⊕ REPLACE EXIST WINDOWS
 - NEW GWB PARTITIONS & FURRED WALLS
 - ▨ NEW CMU WALLS



- NOTES:**
- CAST IRON GRATING SHALL BE STANDARD, HEAVY DUTY "Type 2, Pattern No. 4562A, 24-inch L" AS MANUFACTURED BY Campbell Foundry Co. OR EQUAL
 - ALL REBAR NO. 5 BARS EPOXY COATED
 - DEPTH OF THE INSIDE OF DRAIN VARIES FROM 1'-0" AT WEST END TO 1'-6" TO SLOPE TO EXISTING DRAIN AT EAST END

5 TRENCH DRAIN DETAIL
SCALE: 3/4" = 1'-0"



LA ROCCA GREEN ARCHITECTS, LLC
22 PURCHASE STREET
RYE, NEW YORK 10508

BARILE GALLAGHER AND ASSOCIATES
CONSULTANT ENGINEERS, PC
39 MARBLE AVENUE
PLEASANTVILLE, NY 10570

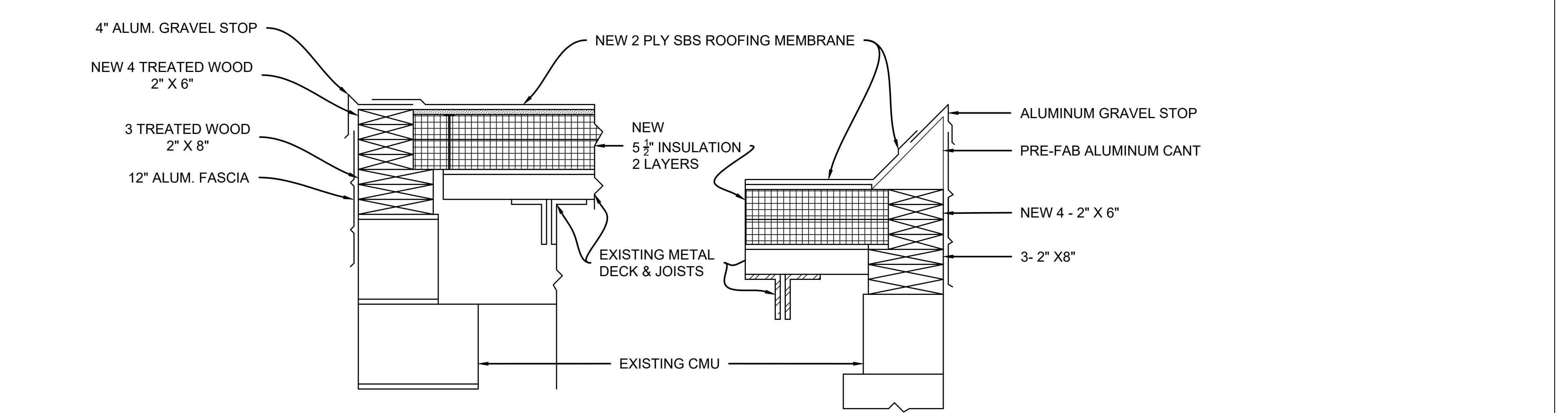
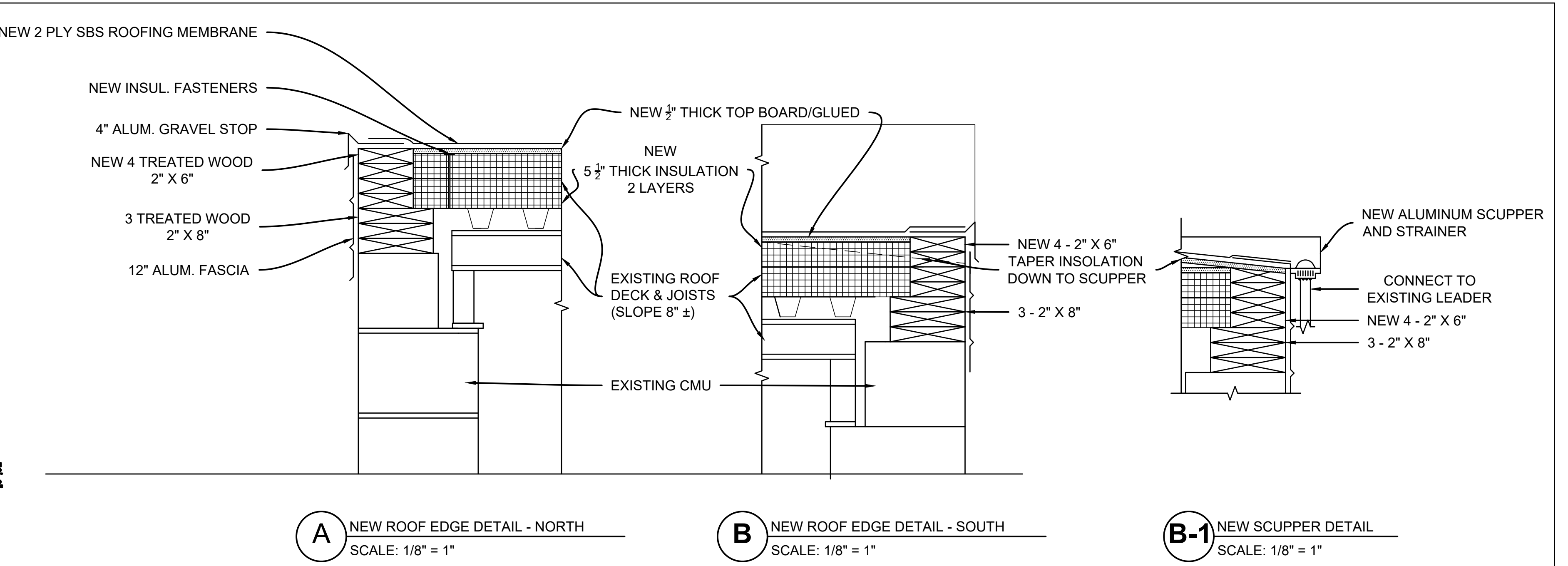
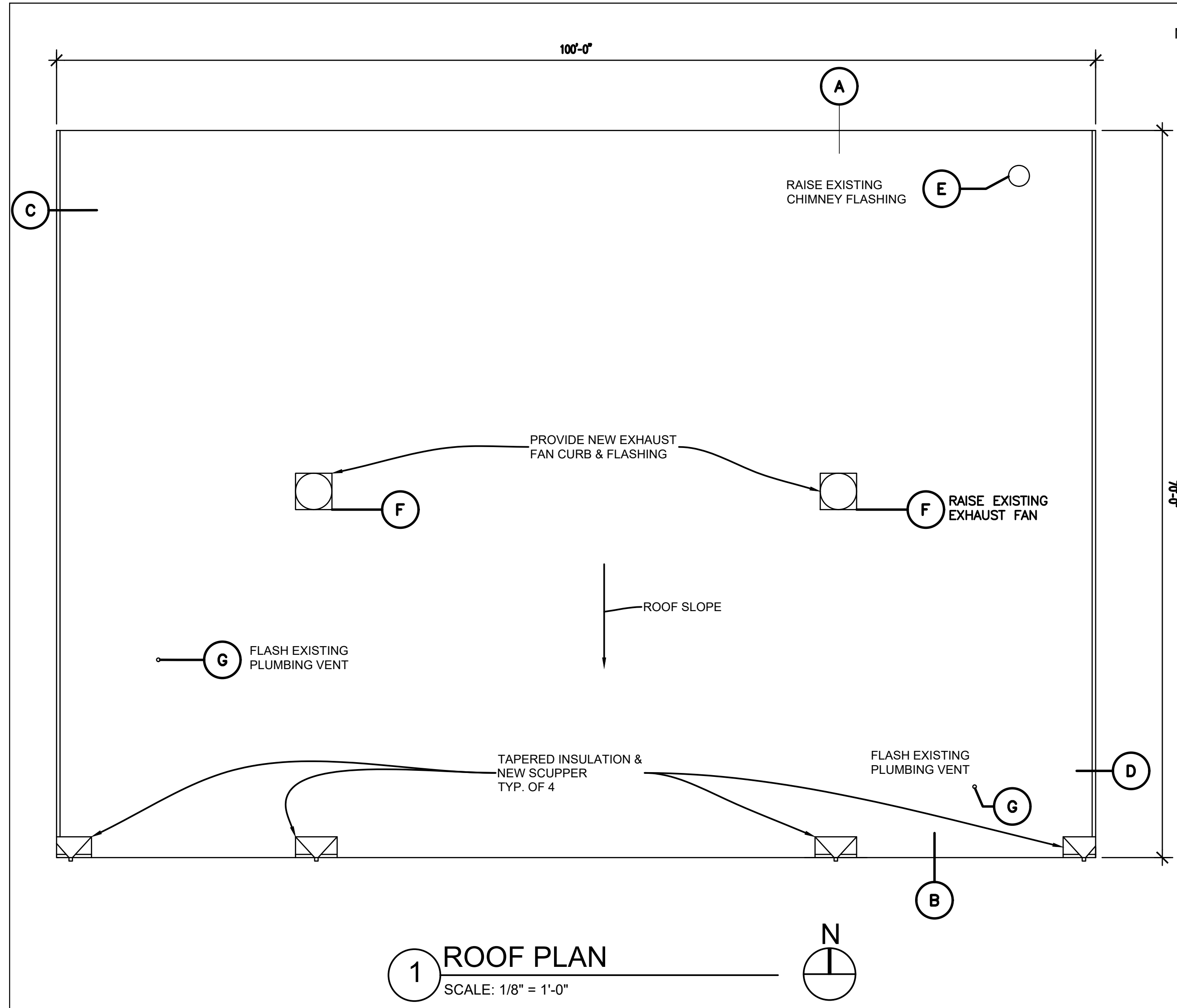
GROSSFIELD MARCI
STRUCTURAL ENGINEERS
75 SMITH AVENUE
MT. KISCO, NY 10547

COUNTY COMMENTS

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

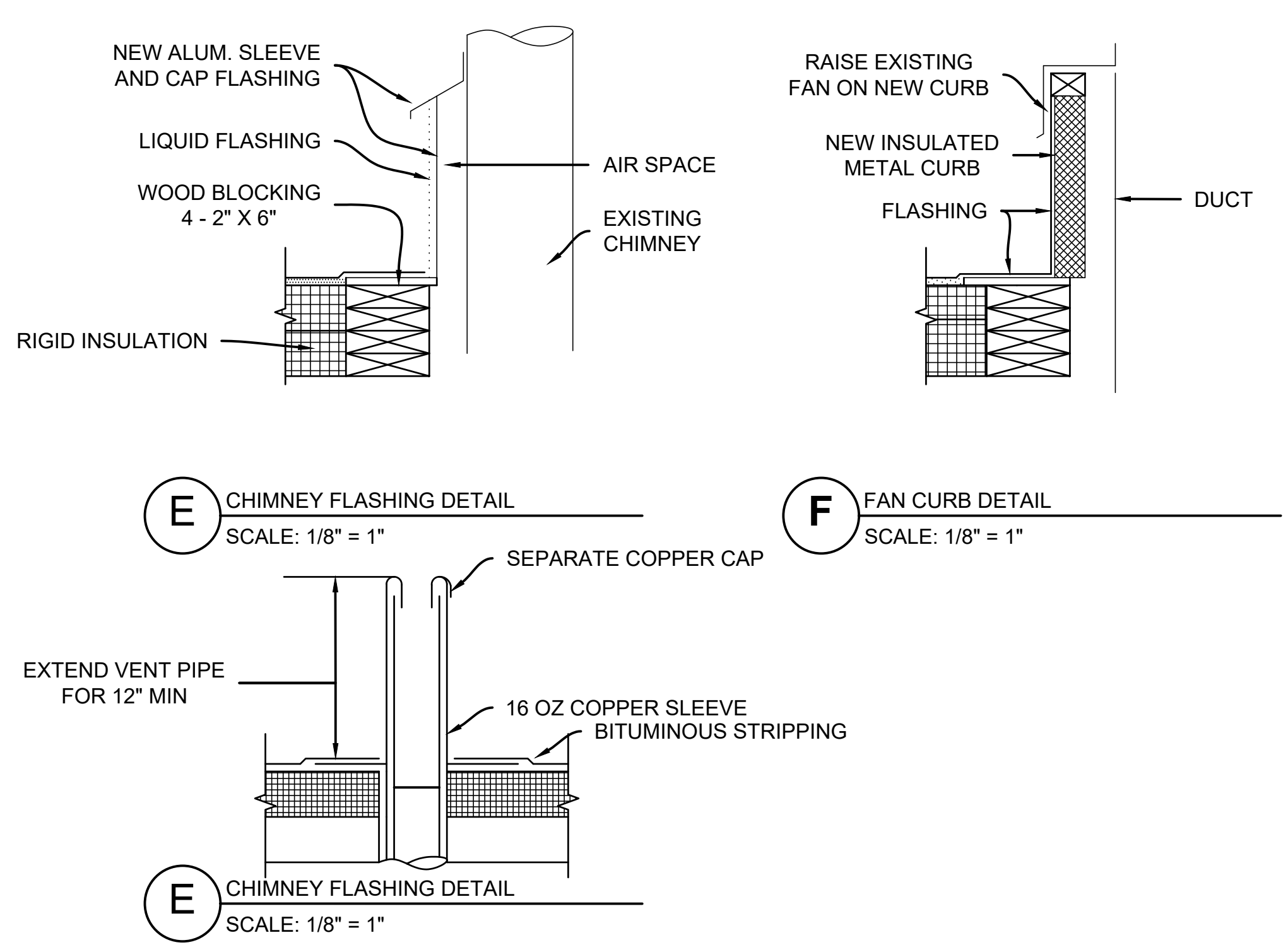
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING				CONTRACT NUMBER 18-516	SHEET NUMBER A-2
BUILDING RENOVATION YORKTOWN MAINTENANCE GARAGE				SHEET NO. 4 OF 16	SCALE: AS NOTED DATE: 03/17/2021 DPW FILE NO.
PLANS + REFLECTED CEILING PLANS				61-15-A-52-0	REV. NO.



NOTE: JOISTS, DECK & INSULATION & EXISTING CMU SLOPE DOWN FROM NORTH TO SOUTH. NEW BLOCKING SHALL BE STEPPED FOR EAVE HEIGHT LEVEL WITH HIGH SIDE.

NOTES:

- EXISTING ROOFING, GRAVEL TOPPING, FLASHING, GRAVEL STOPS, FASCIAS, CANTS, BLOCKING, INSULATION, COVER BOARDS, VAPOR BARRIER, SCUPPERS AND RELATED MATERIALS TO BE REMOVED SEE DWG R1.
- COORDINATE WITH REMOVALS BY ASBESTOS ABATEMENT CONTRACTOR PROVIDE TEMPORARY ROOF COVERING TO MAINTAIN THE BUILDING WATERTIGHT.
- INSPECT EXISTING METAL DECK AND REPAIR, RECOAT, OR REPLACE DETERIORATED DECK AS DIRECTED BY THE COUNTY.
- DISCONNECT DUCTWORK, FLUE AND ELECTRICAL AND REMOVE EXISTING BOILER CHIMNEY AND EXHAUST FANS AND RELATED FLASHING AND BLOCKING. PROVIDE NEW HIGHER CURBS, BLOCKING, BASE FLASHING AND CAP FLASHING TO PROVIDE HEIGHT ABOVE ROOFING AS REQUIRED BY ROOF MANUFACTURER.
- PROVIDE NEW RIGID INSULATION, COVER BOARD AND TREATED WOOD BLOCKING IN PREPARATION FOR NEW ROOFING AND FLASHING. FASTEN INSULATION BOARDS TO DECK WITH MECHANICAL FASTENERS AS PER ROOF MANUFACTURERS REQUIREMENTS. GLUE COVER BOARD ON TOP OF FASTENERS AND INSULATION TO PREVENT THERMAL BUILDING. PROVIDE TAPERED INSULATION AT SCUPPERS.
- PROVIDE ALUMINUM GRAVEL STOPS, PREFORMED CANTS, FASCIA/GRAVEL STOP EXTENSIONS, AND SCUPPERS AS DETAILED.
- PROVIDE NEW TWO-PLY SBS MODIFIED ROOF MEMBRANE SYSTEM WITH GRANULAR TOPPING AS SPECIFIED. PROVIDE ROOF COATING OF FLASHING.
- PROVIDE ALL WORK IN ACCORDANCE WITH SPECIFICATIONS.



	LA ROCCA GREEN ARCHITECTS, LLC 22 PURCHASE STREET RYE, NEW YORK 10508	
	BARILE GALLAGHER AND ASSOCIATES CONSULTANT ENGINEERS, PC 39 MARBLE AVENUE PLEASANTVILLE, NY 10570	GROSSFIELD MARCI STRUCTURAL ENGINEERS 75 SMITH AVENUE MT. KISCO, NY 10547

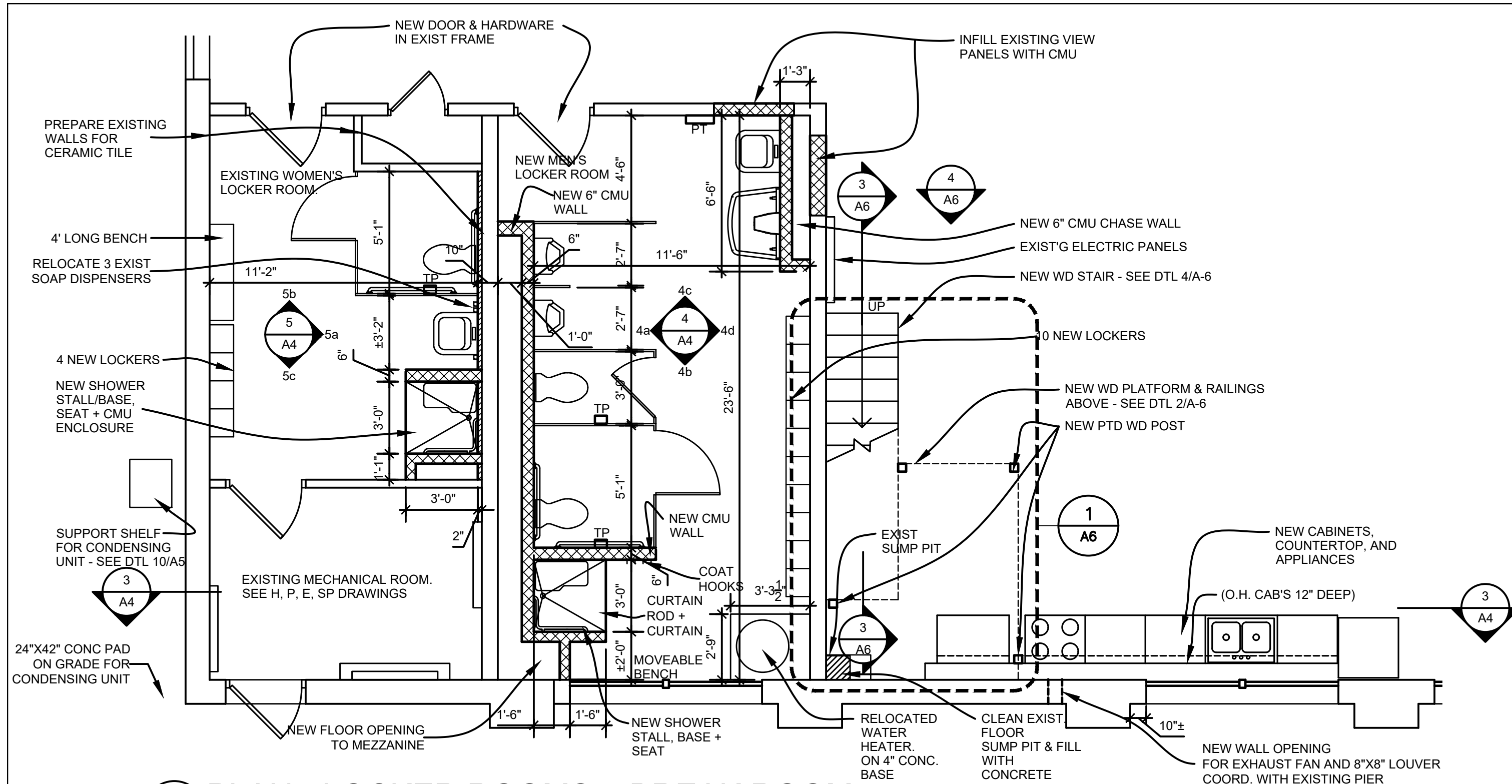
COUNTY COMMENTS				

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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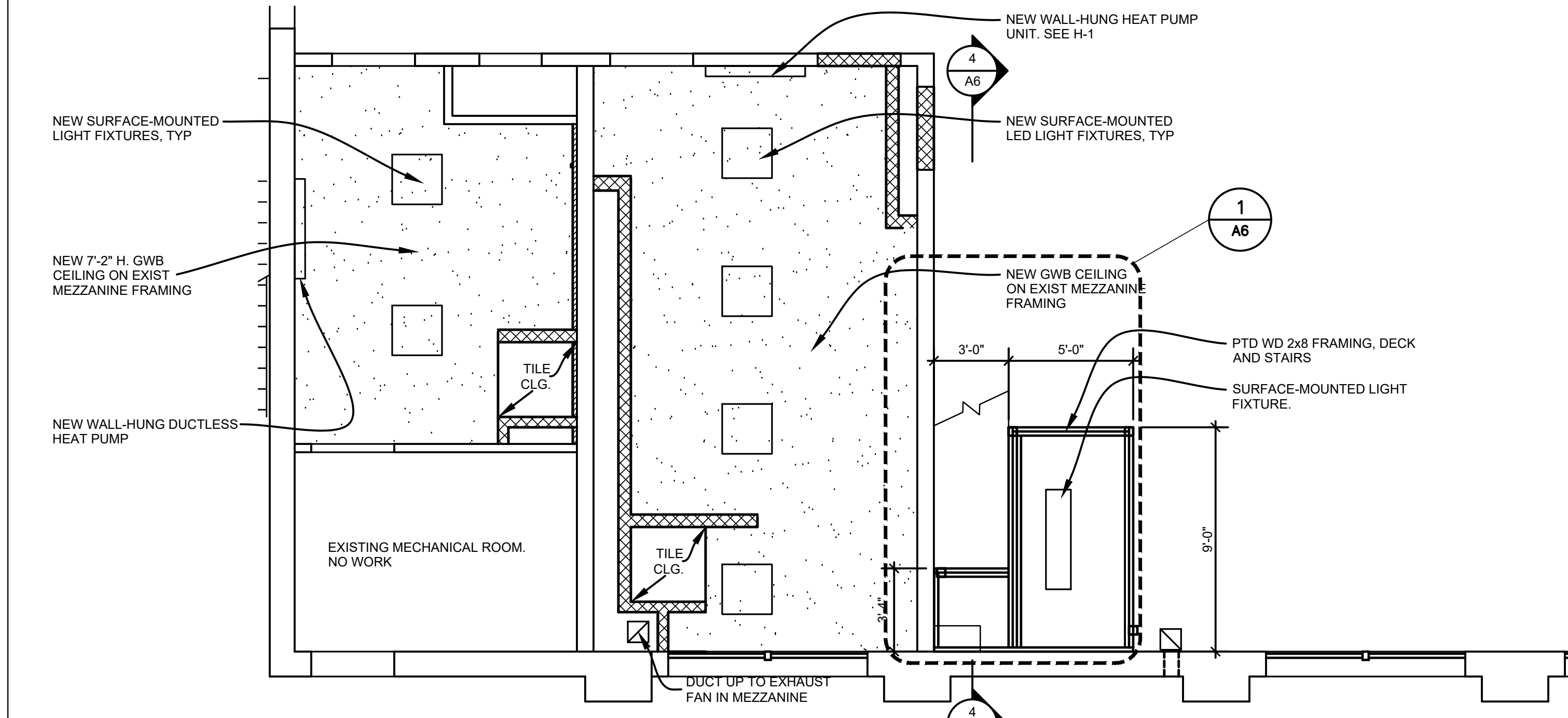
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING			
BUILDING RENOVATION YORKTOWN MAINTENANCE GARAGE		CONTRACT NUMBER 18-516	SHEET NUMBER A-3
ROOF PLAN, NOTES & DETAILS		SHEET NO. 5 OF 16	SCALE: AS NOTED DATE: 03/17/2021 DPW FILE NO. 61-15-A-53-0



1 PLAN - LOCKER ROOMS + BREAK ROOM
SCALE: 1/4" = 1'-0"

- NOTES:**
- BOTH LOCKER ROOMS PROVIDE NEW WALLS AS SHOWN, NEW TOILET STALLS, URINAL SCREEN, LOCKERS, SHOWER STALL, GRAB BARS, MIRRORS, TOILET + SHOWER ACCESSORIES.
 - BRACE NEW CMU CHASE WALLS TO EXISTING CMU BEARING WALL WITH STRAP ANCHORS 3' O.C.



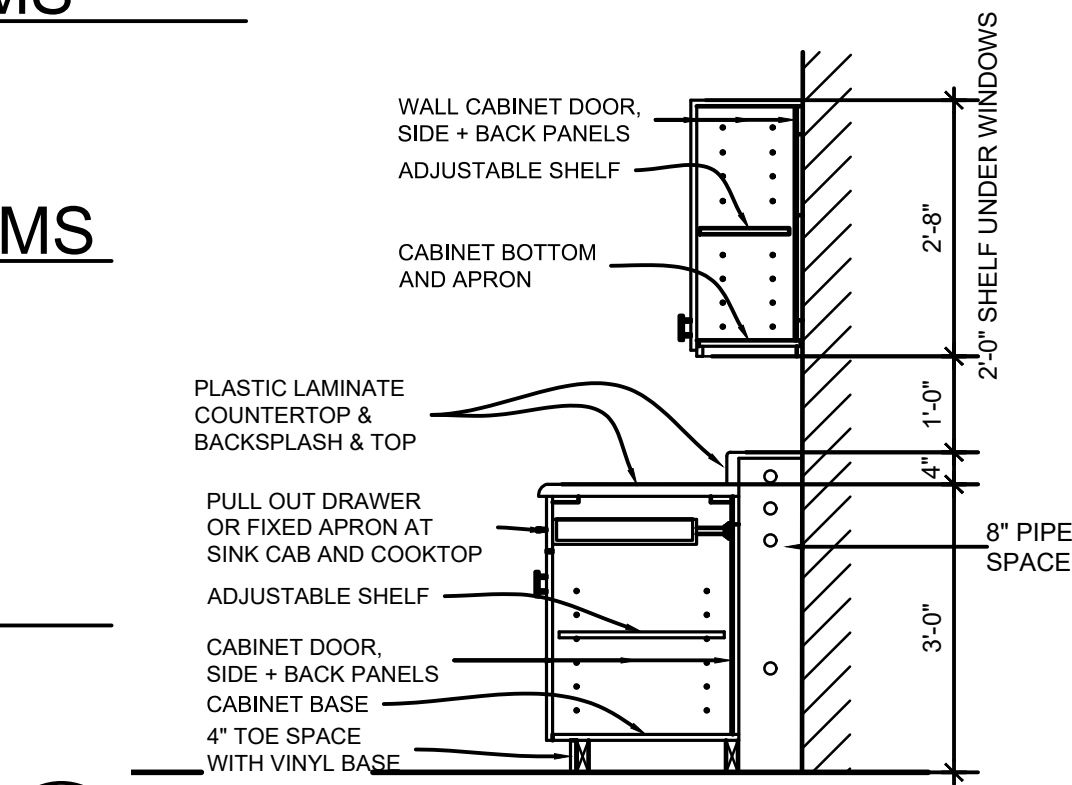
2 REFLECTED CEILING PLAN - LOCKER ROOMS
SCALE: 1/4" = 1'-0"

7 FINISH SCHEDULE - TOILETS/LOCKER ROOMS

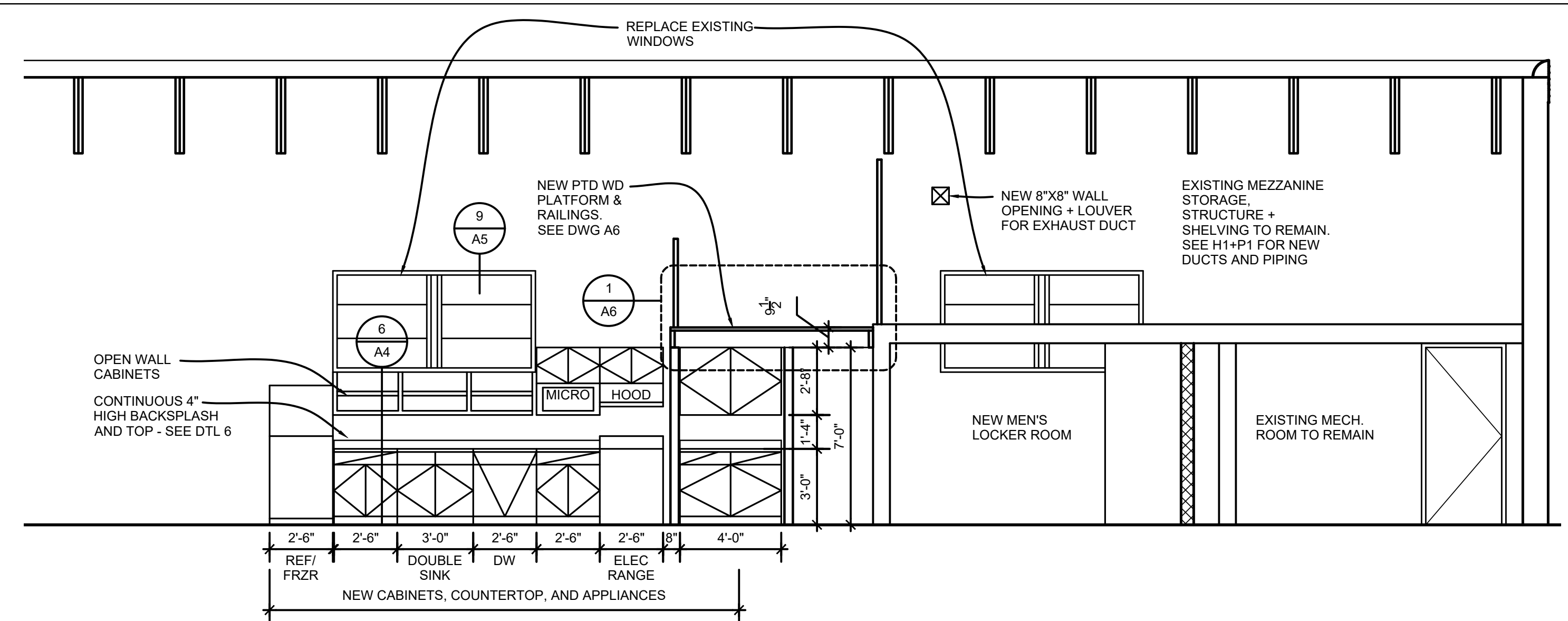
FLOORS:	CERAMIC TILE, 2"x2"
BASE:	CERAMIC TILE, 4" COVE
WALLS:	CERAMIC TILE, 4"x4: FULL HEIGHT
CEILING:	PAINTED/CERAMIC TILE (4"x4") AT SHOWER CEILING
DOORS, FRAMES:	PAINTED

8 TOILET ACCESSORY SCHEDULE

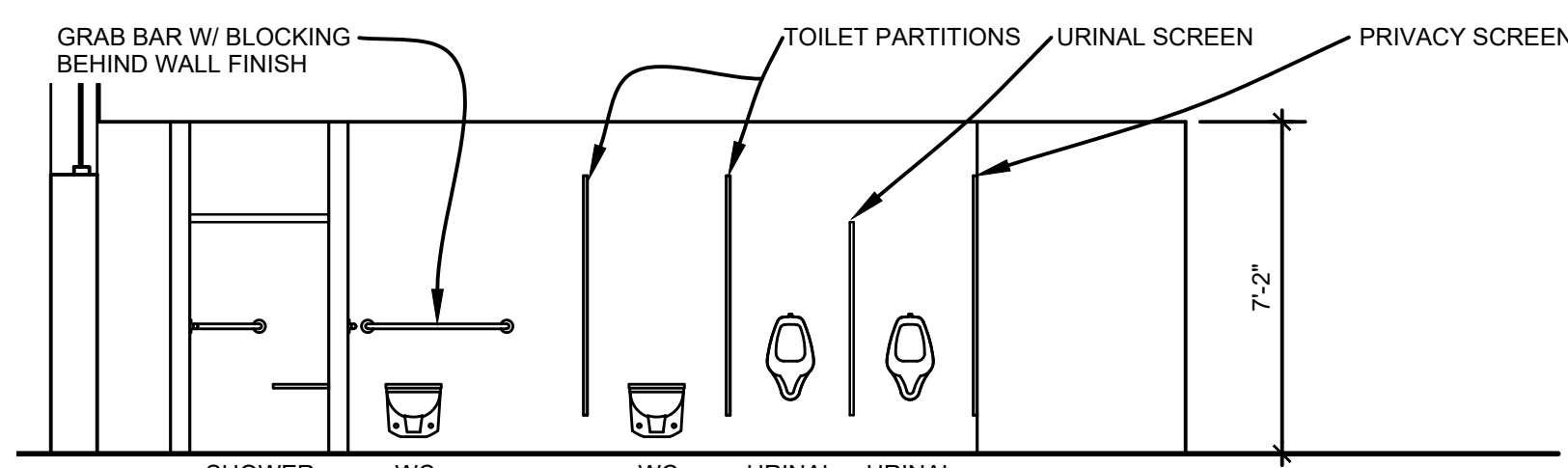
- TOILET ACCESSORY SCHEDULE:**
- GB: GRAB BARS AT TOILET STALLS + SHOWERS
 - TP: TOILET PAPER HOLDER AT EACH TOILET STALL
 - SD: SOAP DISPENSER AT EACH LAV
 - PT: PAPER TOWEL DISPENSER AT EACH LAV
 - M: MIRROR 18"W x 36"H AT EACH LAV
 - SHOWER: GRAB BARS, SEAT, CURTAIN ROD AND CURTAIN



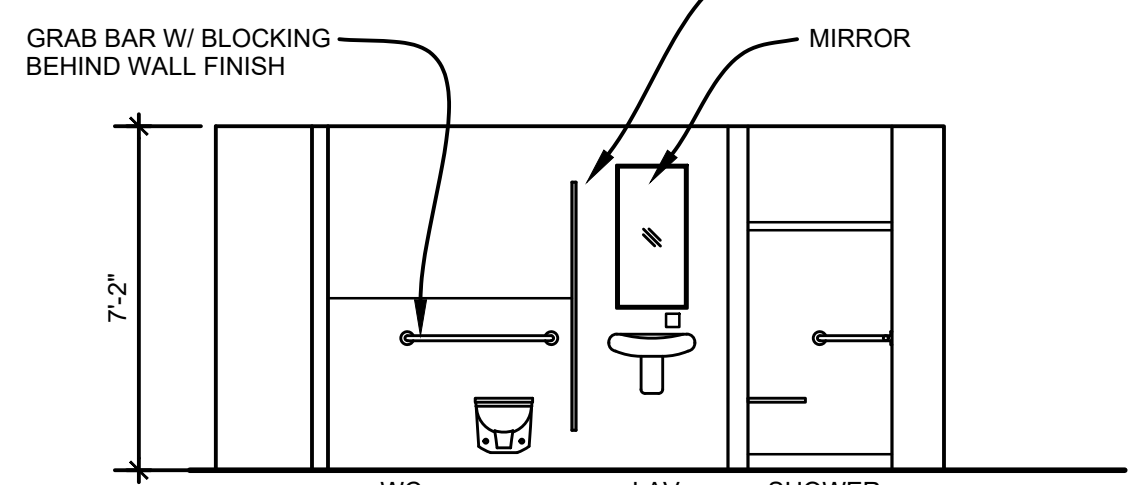
6 BASE CABINET, COUNTER, WALL CABINET
SCALE: 1/2" = 1'-0"



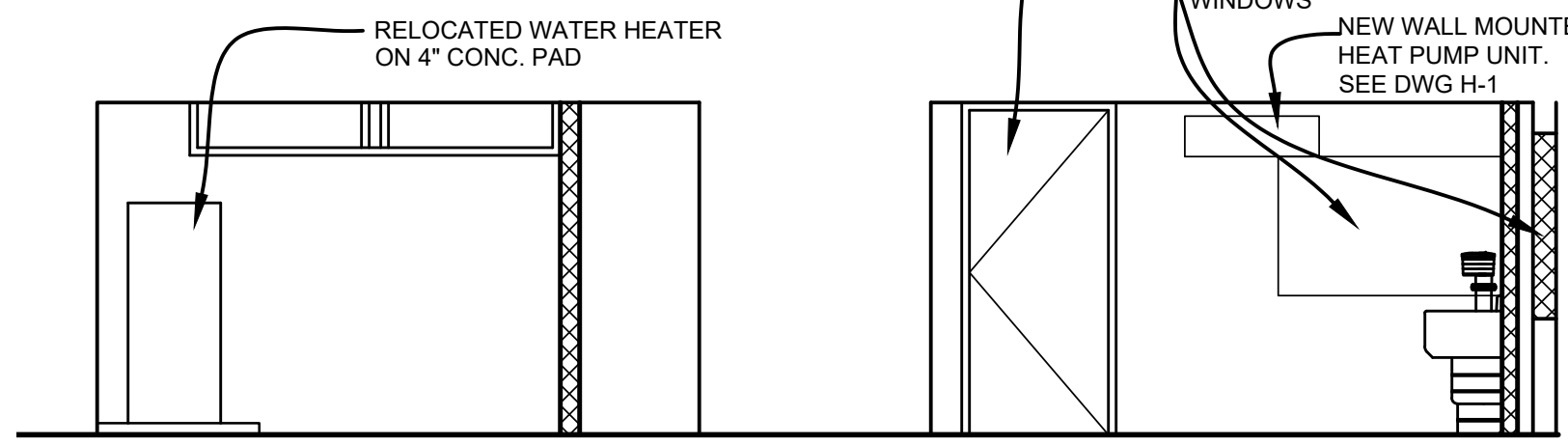
3 SECTION/ELEVATION - LUNCH AREA & LOCKER ROOMS
SCALE: 1/4" = 1'-0"



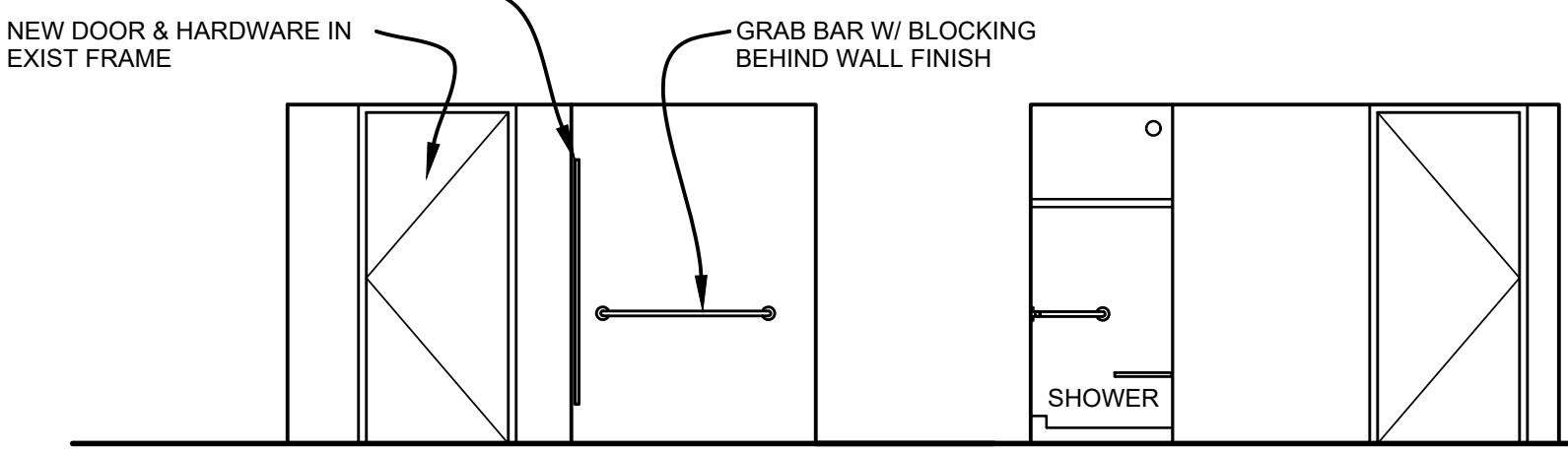
4a ELEVATION - WEST
SCALE: 1/4" = 1'-0"



5a ELEVATION - EAST
SCALE: 1/4" = 1'-0"

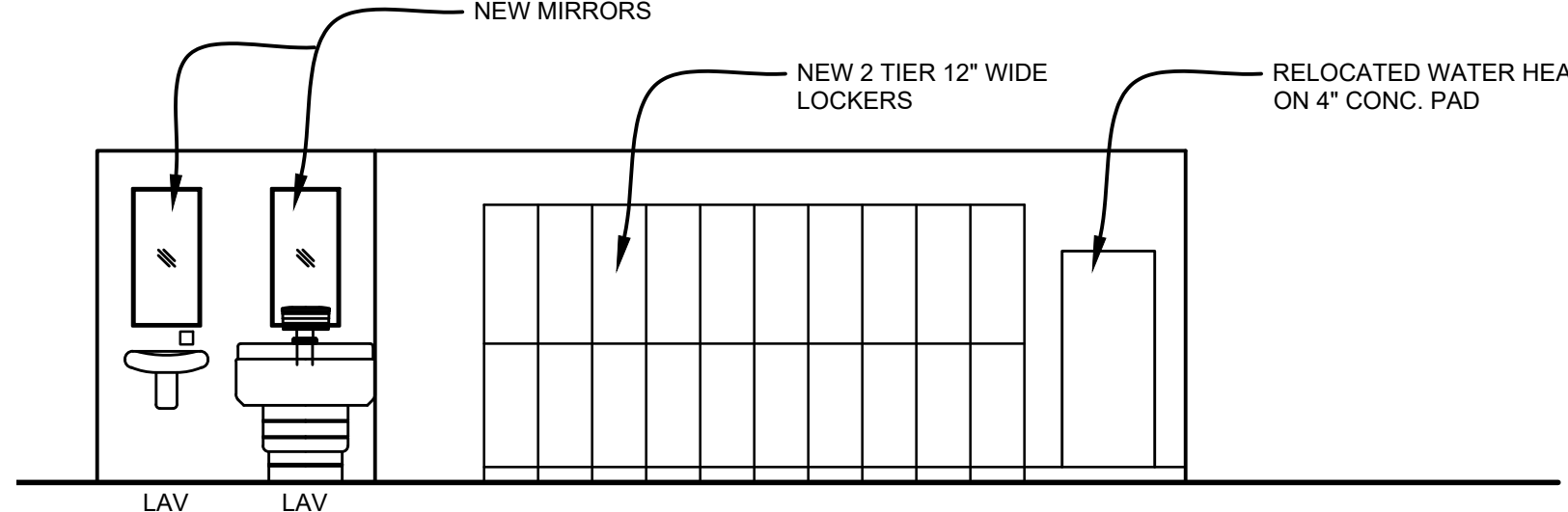


4b ELEVATION - SOUTH
SCALE: 1/4" = 1'-0"



5b ELEVATION - NORTH
SCALE: 1/4" = 1'-0"

5d ELEVATION - SOUTH
SCALE: 1/4" = 1'-0"



4d ELEVATION - EAST
SCALE: 1/4" = 1'-0"

4 ELEVATIONS - MEN'S LOCKER ROOM
SCALE: 1/4" = 1'-0"

- NOTES:**
- PROVIDE NEW DOORS, CMU PARTITIONS, TOILET + SHOWER PARTITIONS, URINAL SCREEN, PRIVACY SCREEN, SHOWER BASE, WALLS + SEAT, TOILET ACCESSORIES, AND LOCKERS
 - PROVIDE NEW CERAMIC TILE FLOORS AND BASE, FULL HEIGHT CERAMIC TILE WALLS

5 ELEVATIONS - WOMEN'S LOCKER ROOM
SCALE: 1/4" = 1'-0"

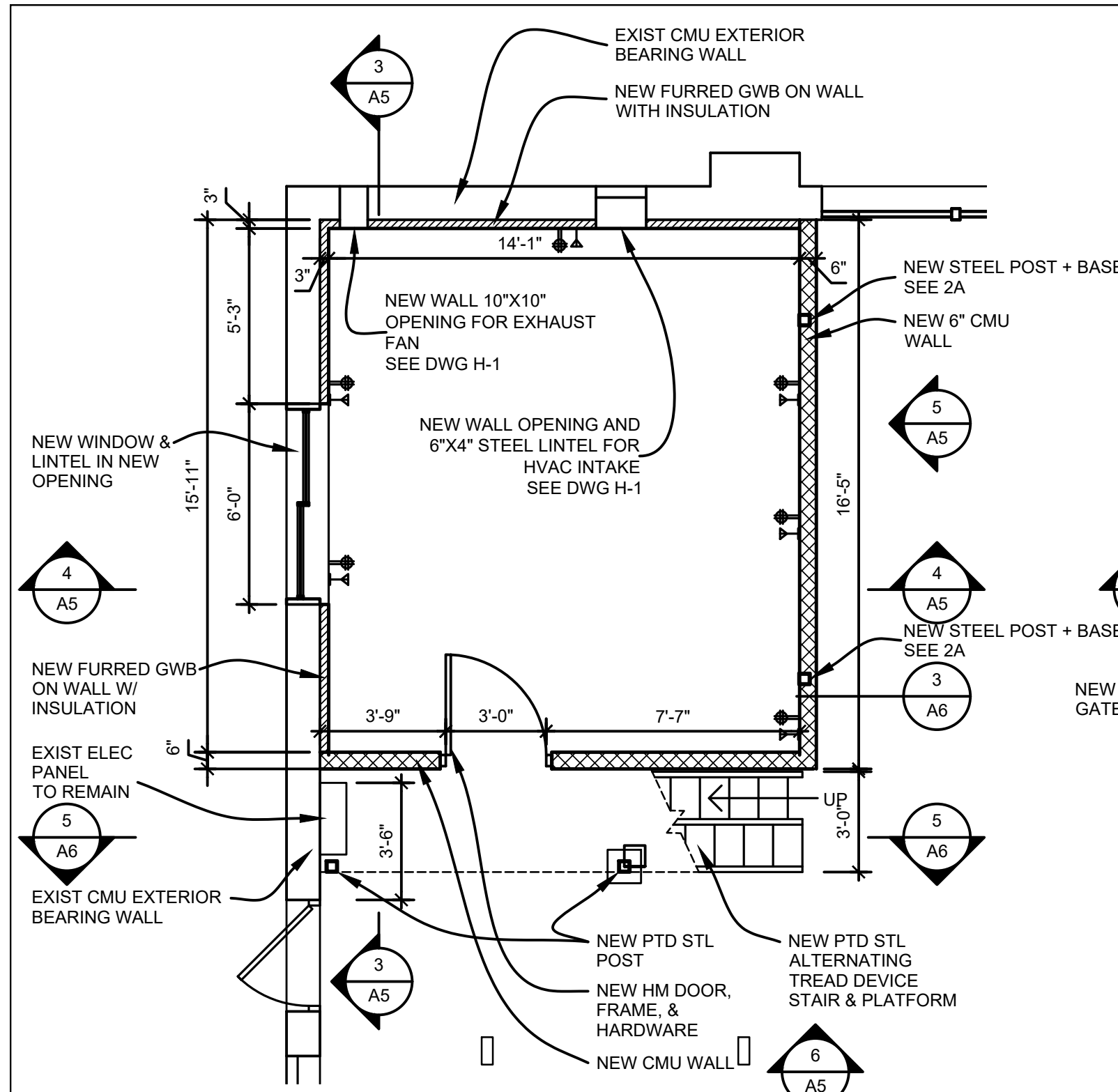
	LA ROCCA GREEN ARCHITECTS, LLC 22 PURCHASE STREET RYE, NEW YORK 10508	
	BARILE GALLAGHER AND ASSOCIATES CONSULTANT ENGINEERS, PC 39 MARBLE AVENUE PLEASANTVILLE, NY 10570	GROSSFIELD MARCI STRUCTURAL ENGINEERS 75 SMITH AVENUE MT. KISCO, NY 10547

COUNTY COMMENTS

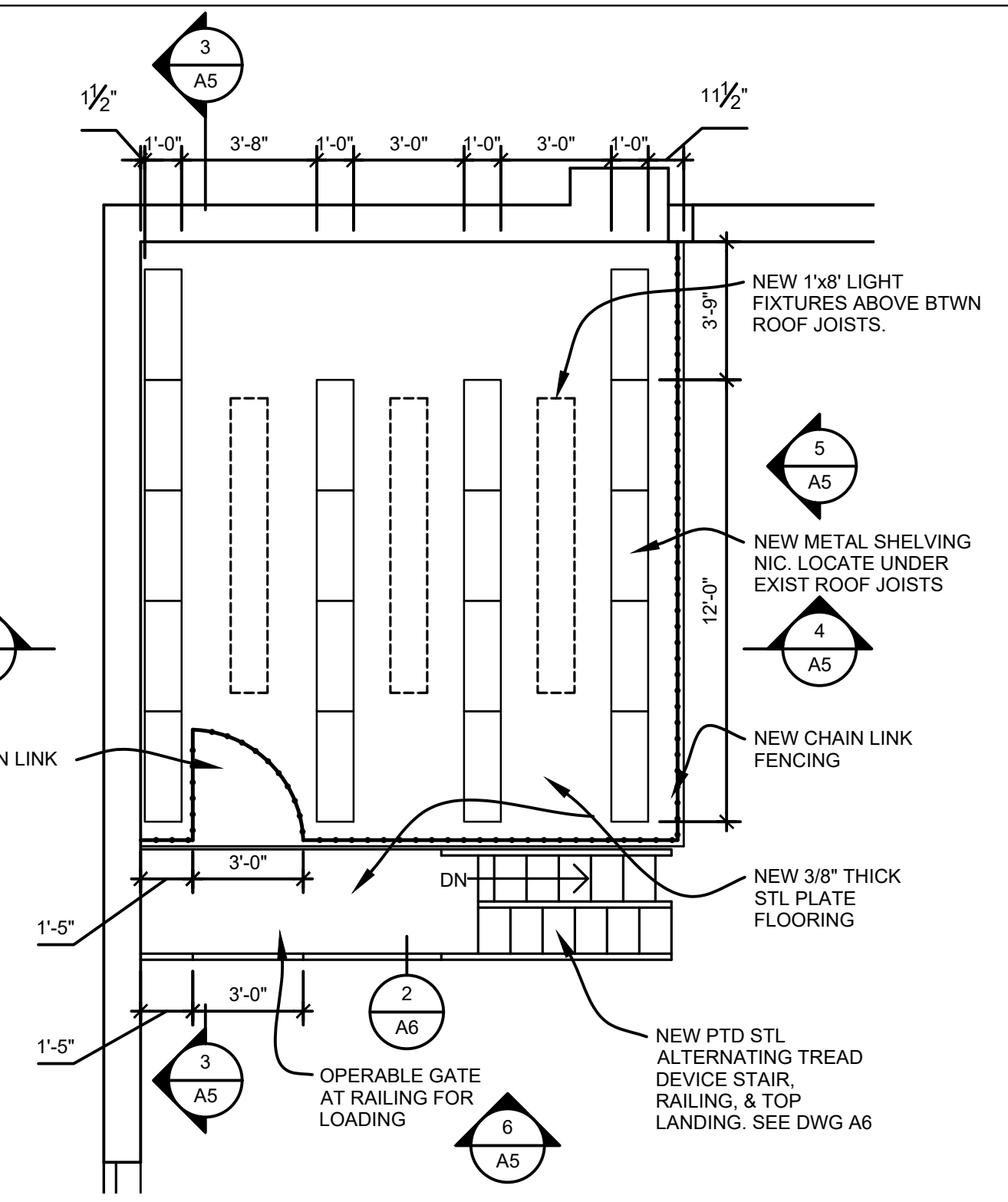
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

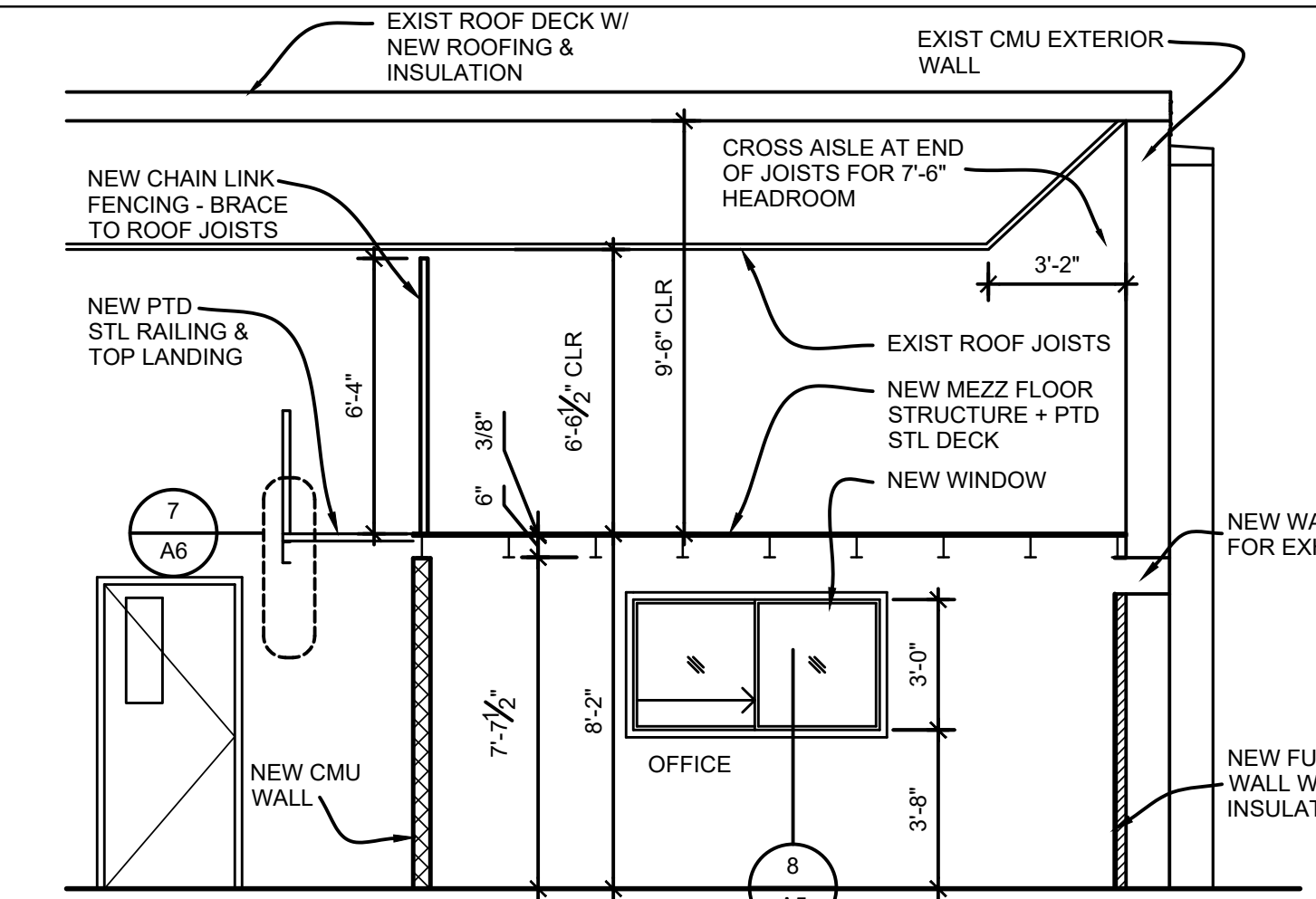
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING				CONTRACT NUMBER 18-516	SHEET NUMBER A-4
BUILDING RENOVATION YORKTOWN MAINTENANCE GARAGE LOCKER ROOMS + BREAK ROOM - PLANS, ELEVATIONS, SECTIONS				SHEET NO. 6 OF 16	SCALE: AS NOTED DATE: 03/17/2021 DPW FILE NO. 61-15-A-54-0



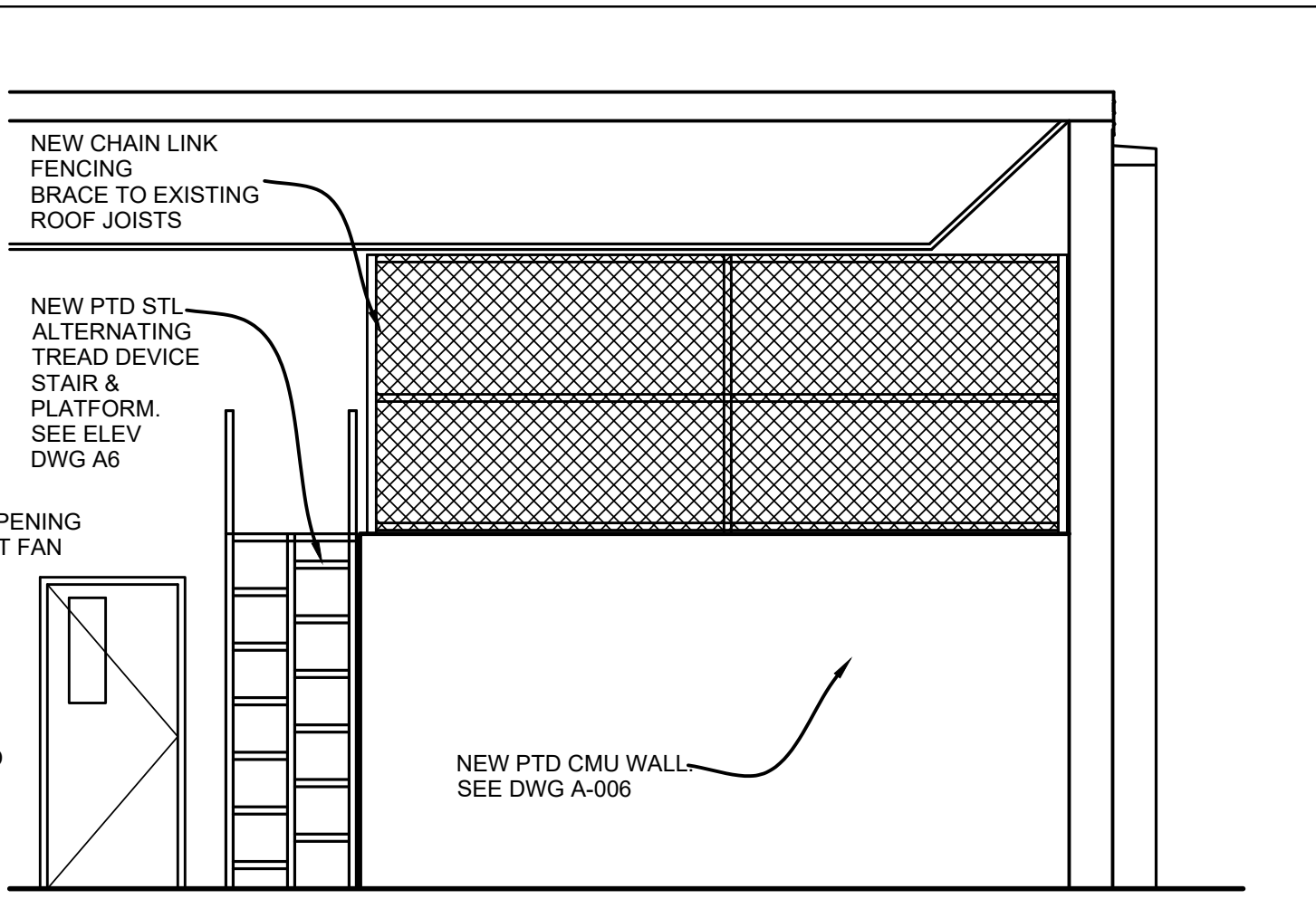
1 PLAN - OFFICE
SCALE: 1/4" = 1'-0"



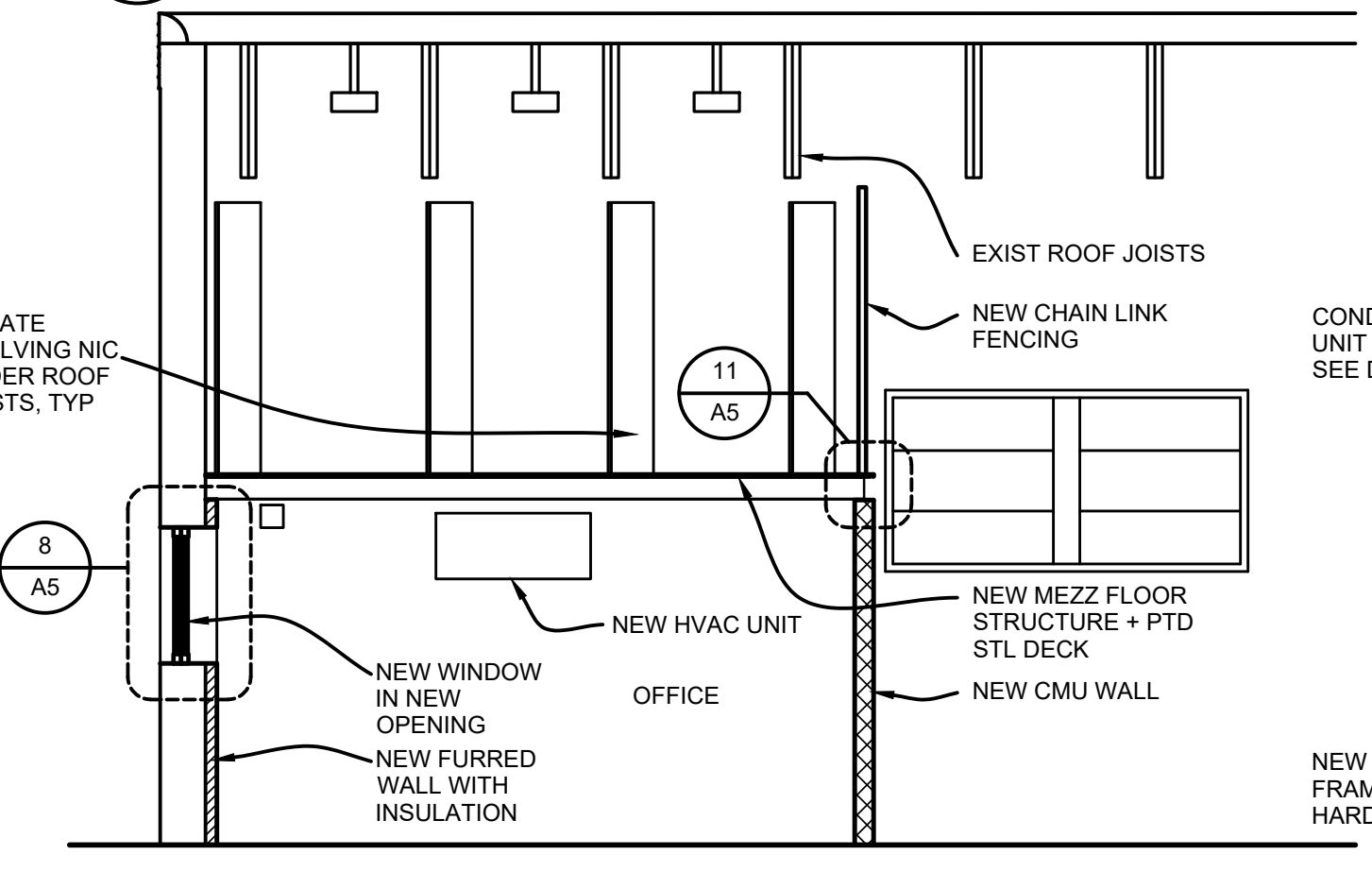
1A PLAN - MEZZANINE STORAGE
SCALE: 1/4" = 1'-0"



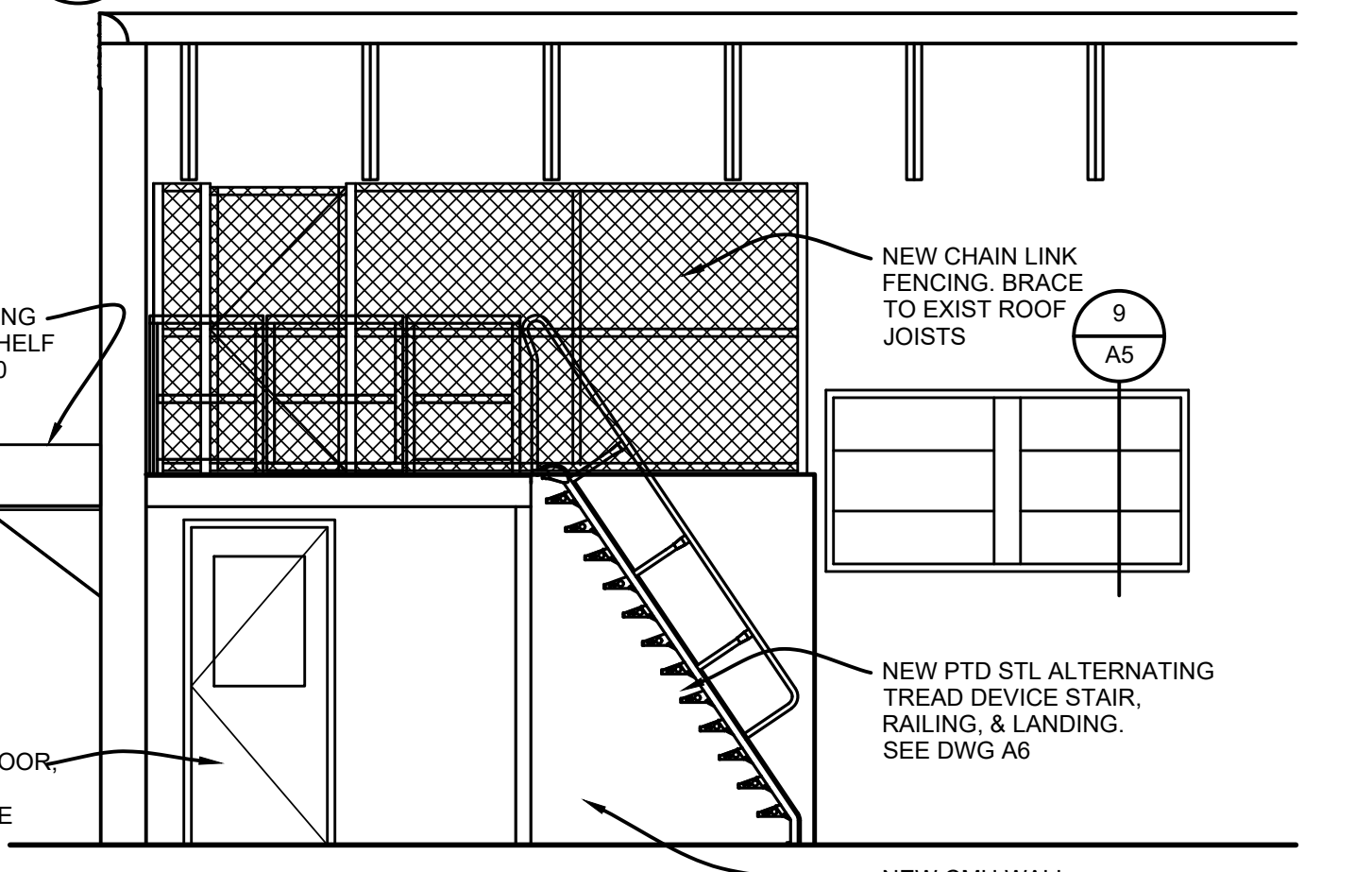
3 SECTION - OFFICE
SCALE: 1/4" = 1'-0"



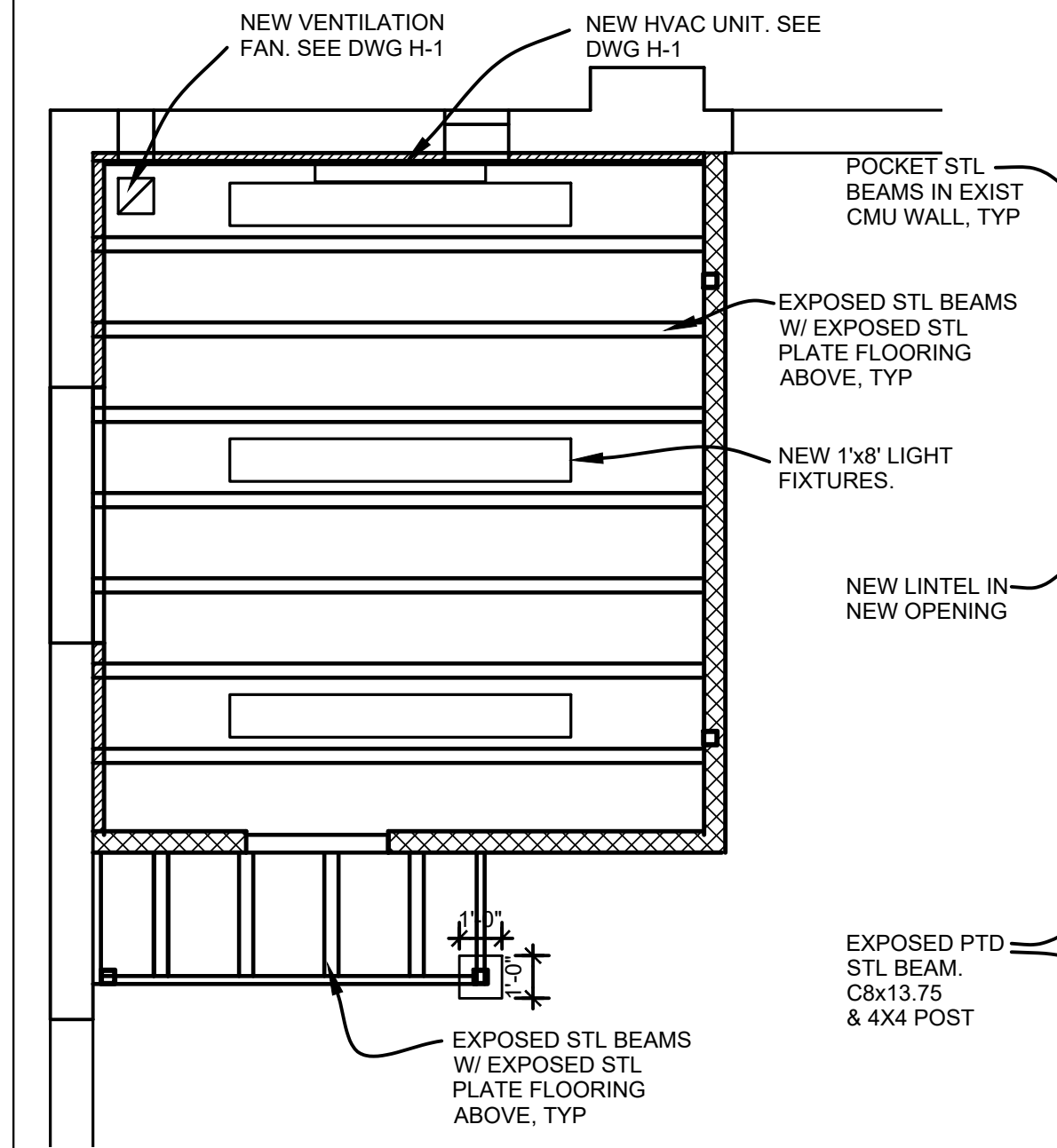
5 ELEVATION - LOOKING WEST AT OFFICE
SCALE: 1/4" = 1'-0"



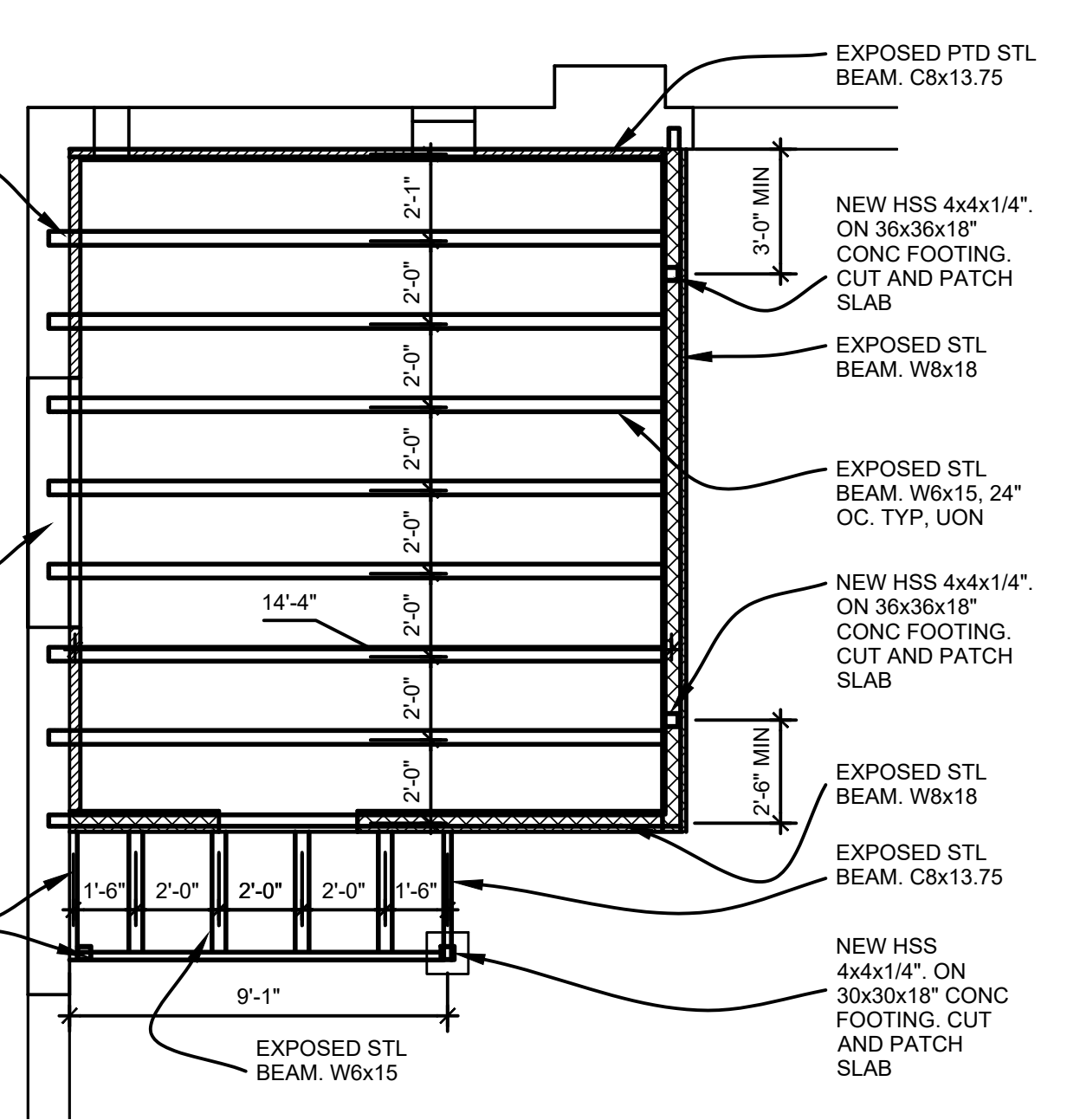
4 SECTION - OFFICE
SCALE: 1/4" = 1'-0"



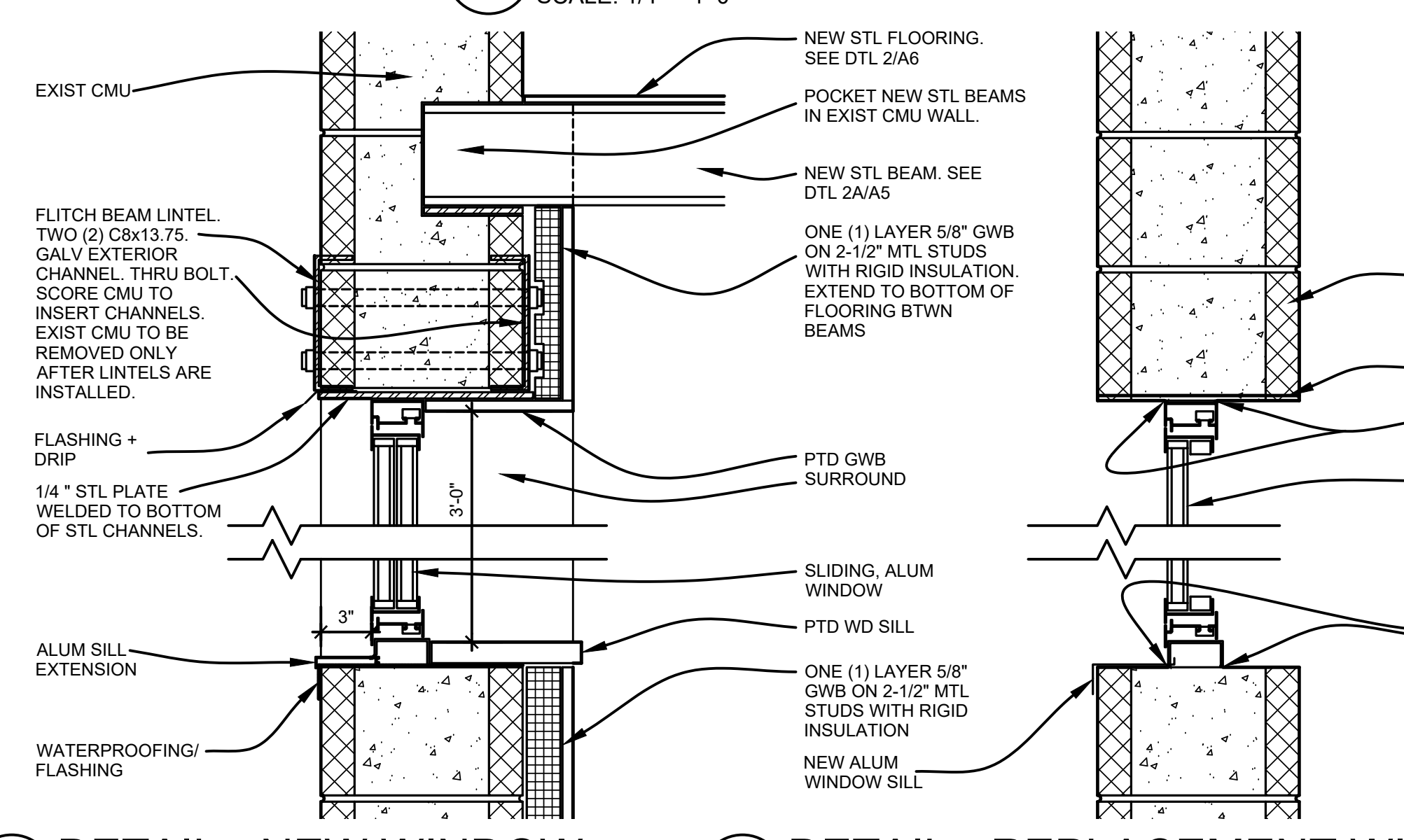
6 ELEVATION - LOOKING NORTH AT OFFICE
SCALE: 1/4" = 1'-0"



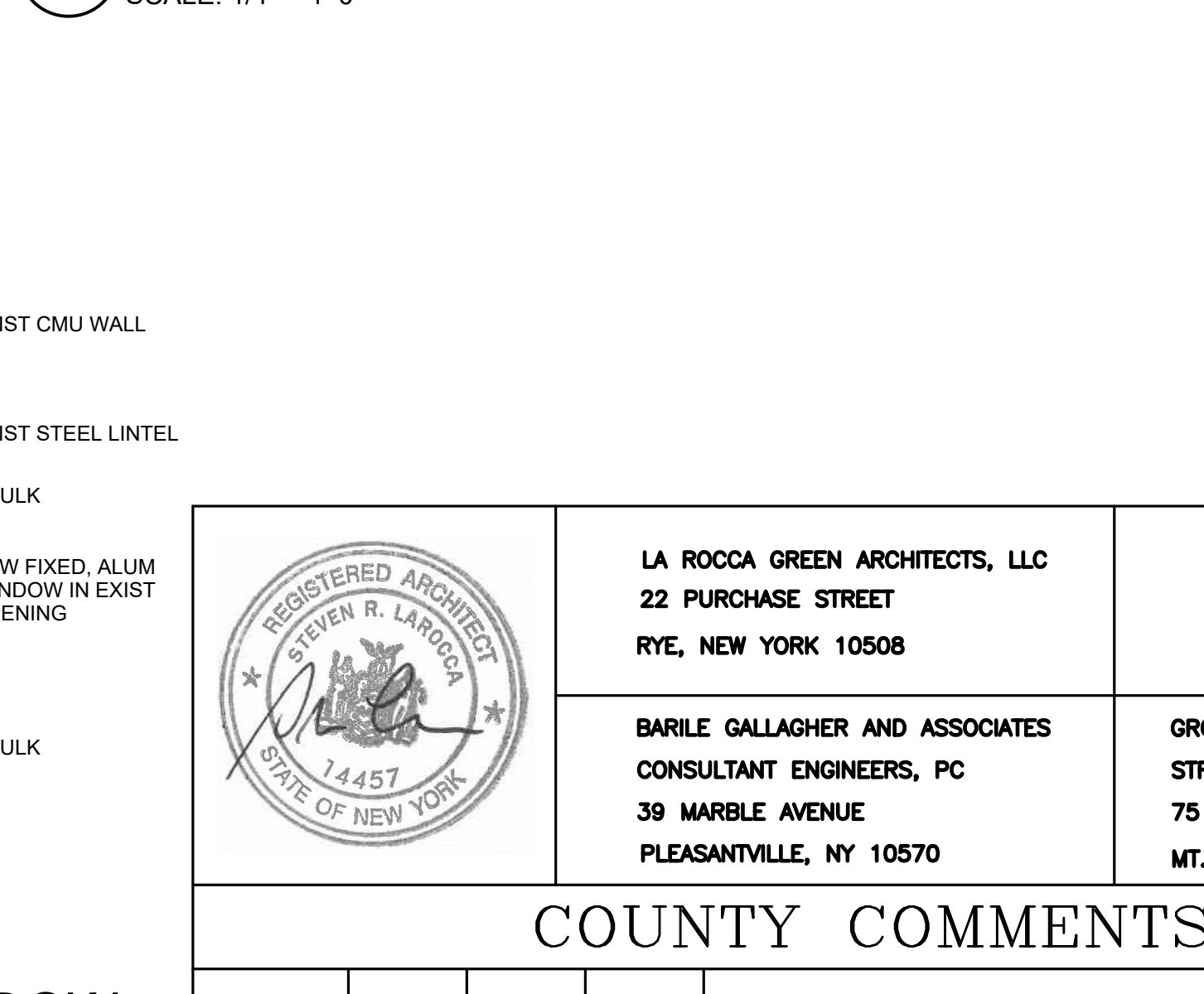
2 RCP - OFFICE
SCALE: 1/4" = 1'-0"



2A PLAN - MEZZ. FLOOR STRUCTURE
SCALE: 1/4" = 1'-0"



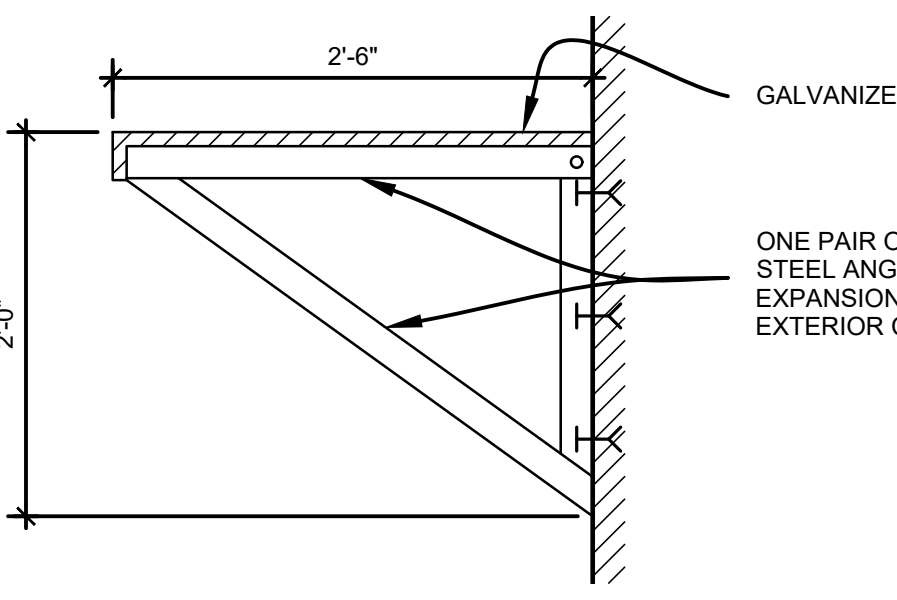
8 DETAIL - NEW WINDOW
SCALE: 1 1/2" = 1'-0"



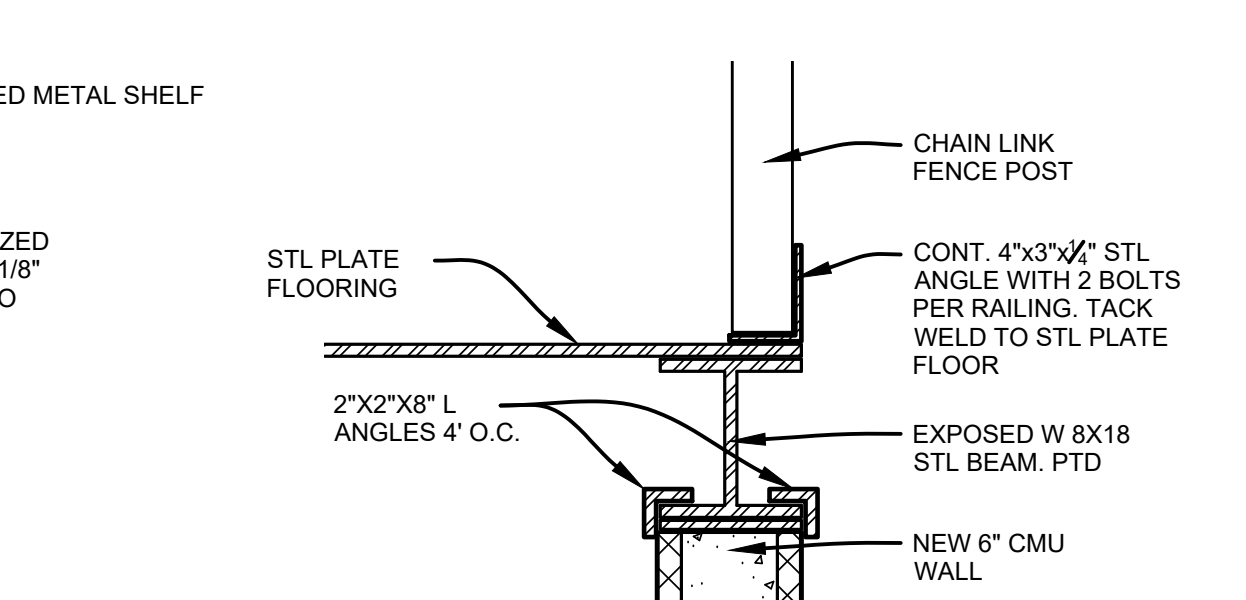
9 DETAIL - REPLACEMENT WINDOW
SCALE: 1 1/2" = 1'-0"

7 FINISH SCHEDULE - OFFICE

FLOORS:	VCT
BASE:	VINYL
WALLS:	PAINTED CMU
CEILING:	PAINT EXPOSED STL BEAMS AND BOTTOM OF DECK
DOORS, FRAMES:	PAINT



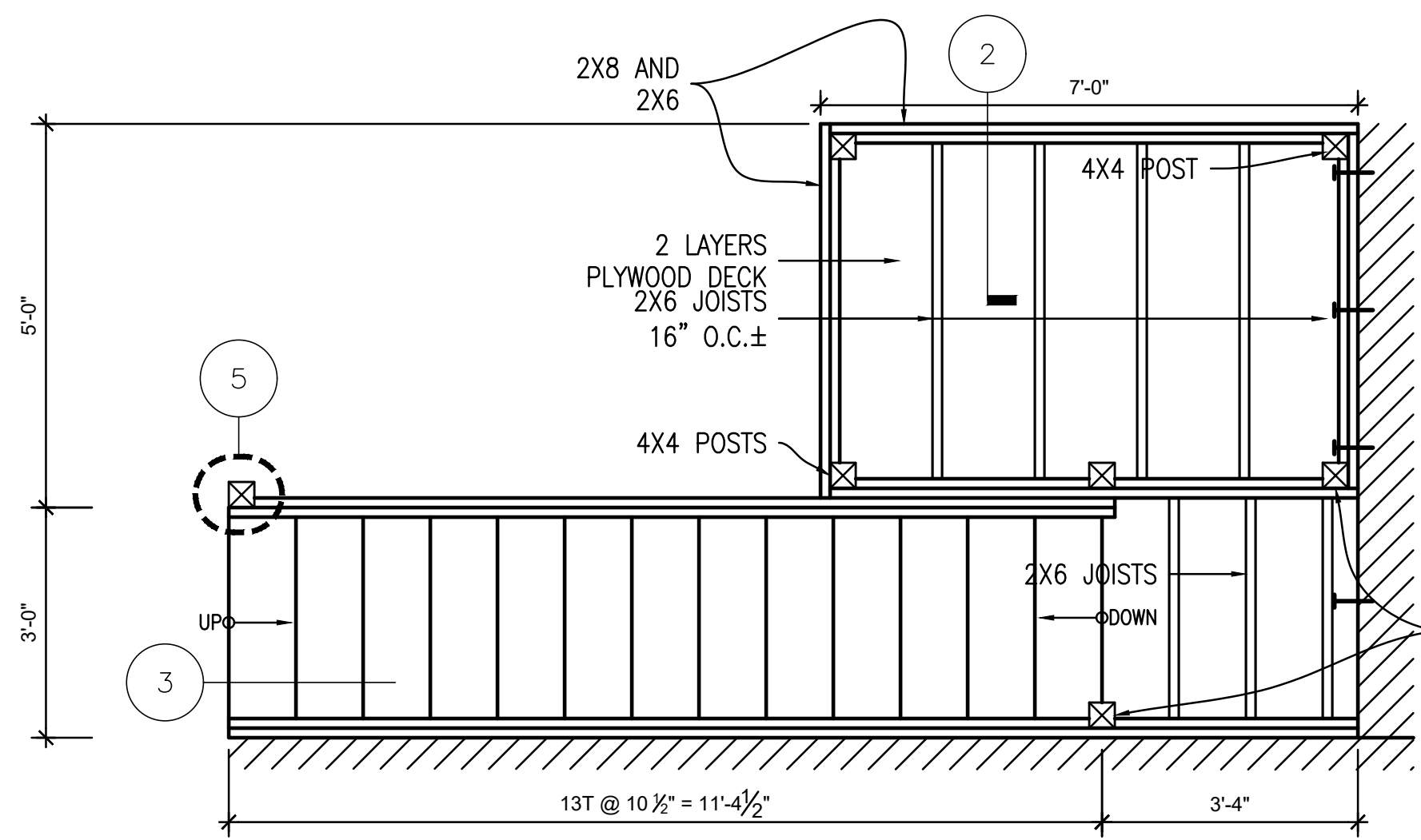
10 CONDENSING UNIT SHELF
SCALE: 1" = 1'-0"



11 DETAIL AT CHAIN LINK FENCE
SCALE: 1 1/2" = 1'-0"

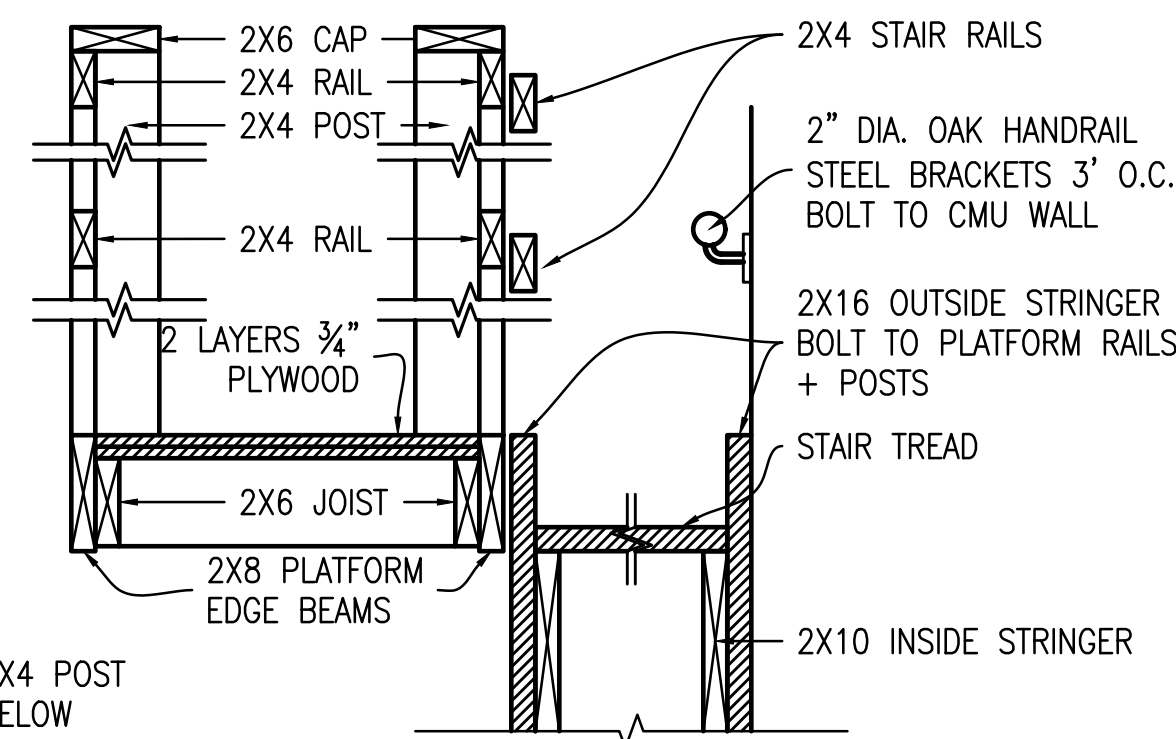
	LA ROCCA GREEN ARCHITECTS, LLC 22 PURCHASE STREET RYE, NEW YORK 10508	GROSSFIELD MARCI STRUCTURAL ENGINEERS 75 SMITH AVENUE MT. KISCO, NY 10547
	BARILE GALLAGHER AND ASSOCIATES CONSULTANT ENGINEERS, PC 39 MARBLE AVENUE PLEASANTVILLE, NY 10570	

COUNTY COMMENTS				
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
RECORD DRAWING CERTIFICATION				
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES			CONTRACTOR NAME: _____ SIGNATURE: _____ DATE: _____	
PROJECT COORDINATOR NAME: _____ SIGNATURE: _____ DATE: _____			WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING BUILDING RENOVATION YORKTOWN MAINTENANCE GARAGE OFFICE & MEZZANINE PLANS, ELEVATIONS, SECTIONS	
CONTRACT NUMBER	18-516	SHEET NUMBER	A-5	
SHEET NO.	7	OF	16	
SCALE:	AS NOTED	DATE:	03/17/2021	
DPW FILE NO.	61-15-A-55-0	REV. NO.		



1 PLAN AT PLATFORM

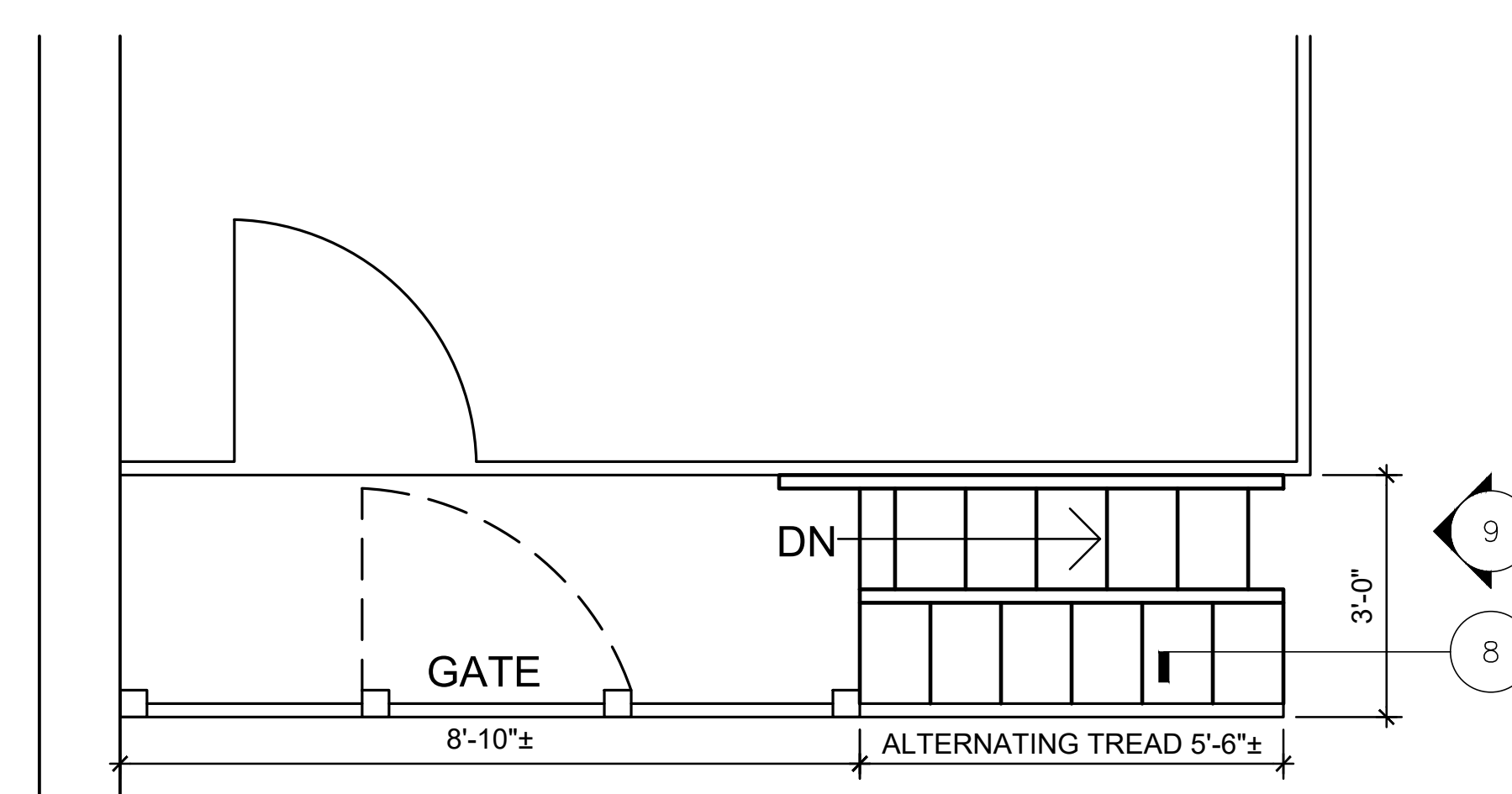
SCALE: 1/2" = 1'-0"



2 SECTION AT PLATFORM + RAILINGS

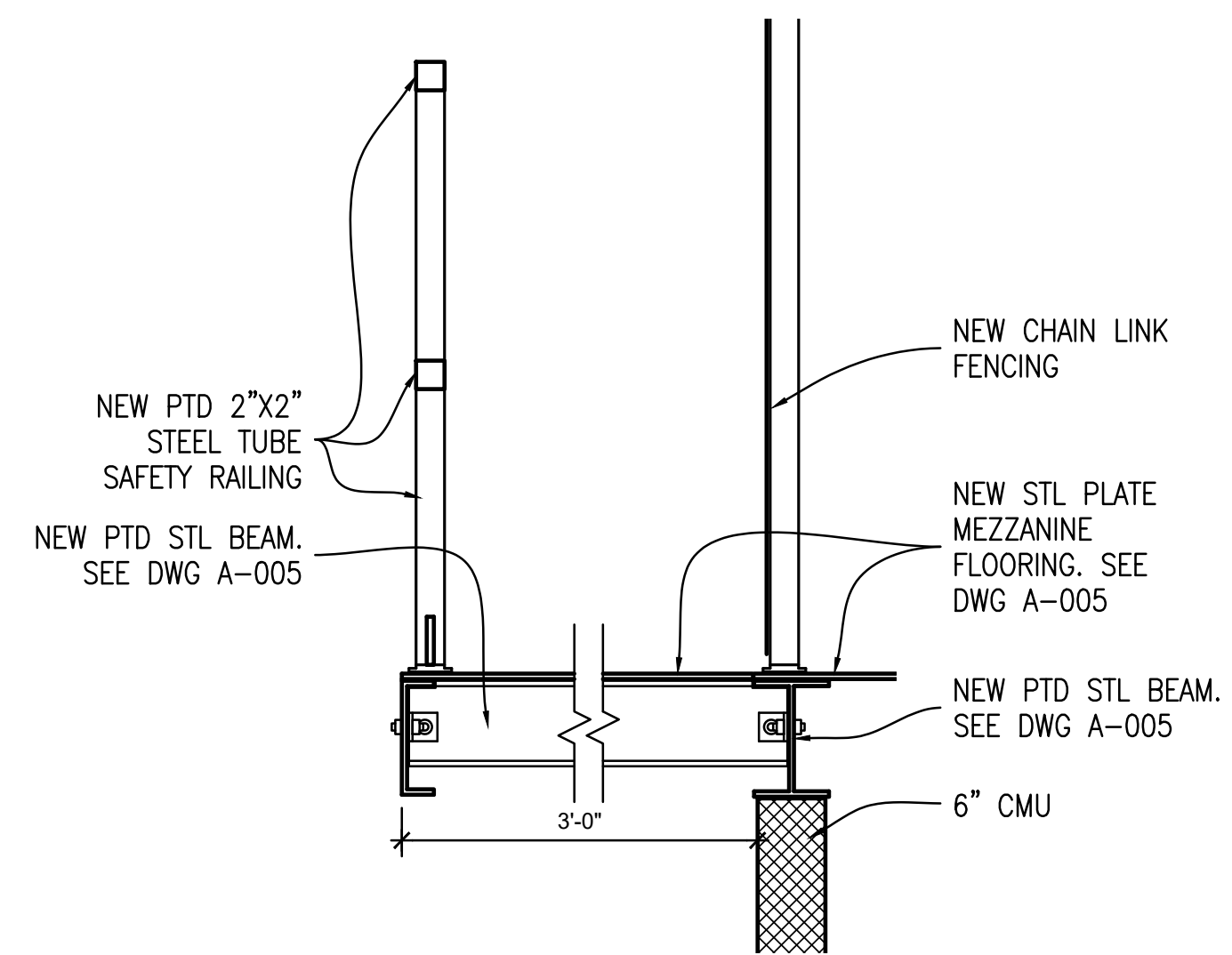
SCALE: 1" = 1'-0"

- NOTES:
1. OUTSIDE CORNERS OF ALL EXPOSED FRAMING SHALL BE ROUNDED
 2. ALL FASTENERS SHALL BE SCREWED, COUNTERSUNK AND FILLED



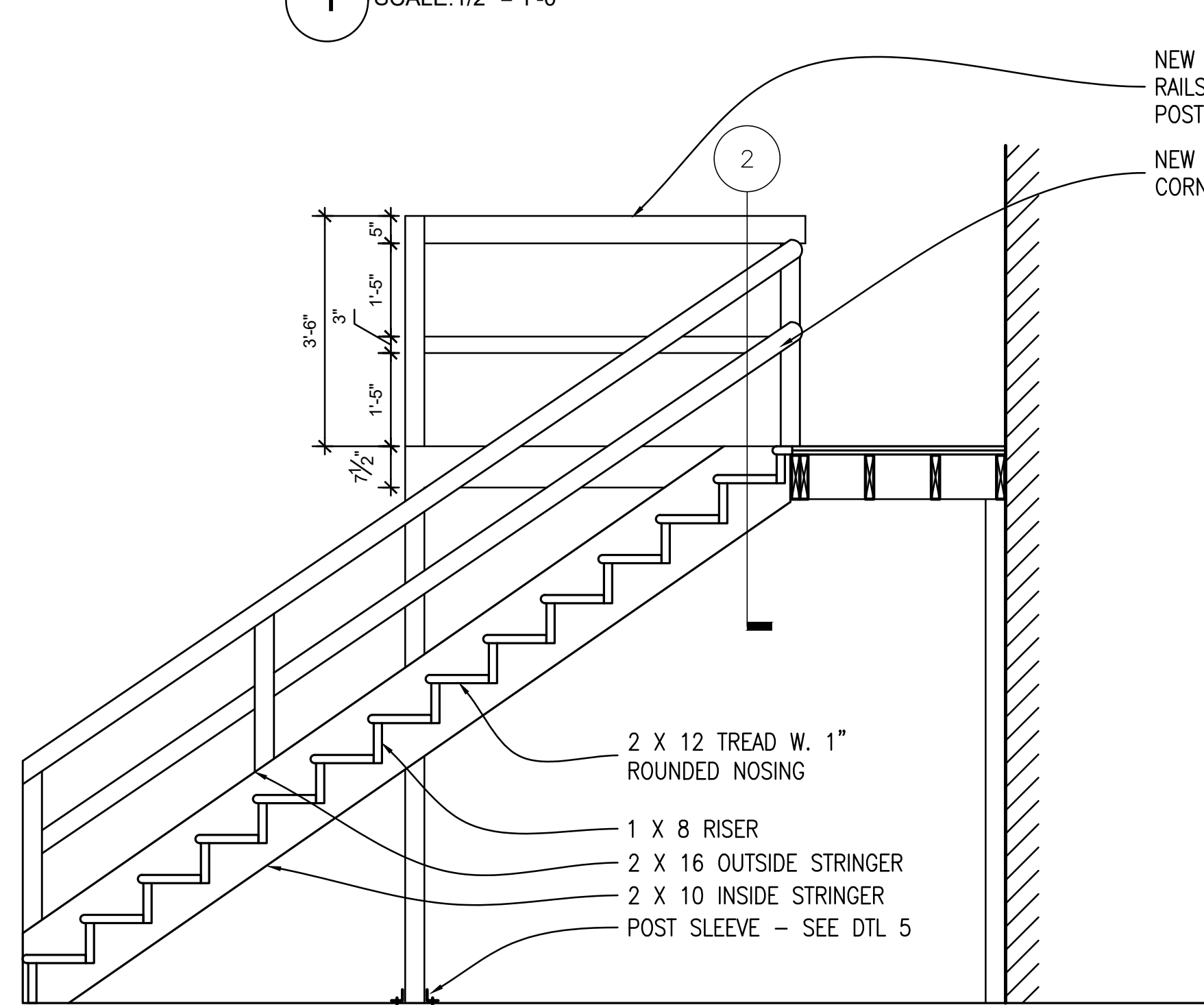
6 PLAN - MEZZ STEEL STAIRS

SCALE: 1/2" = 1'-0"



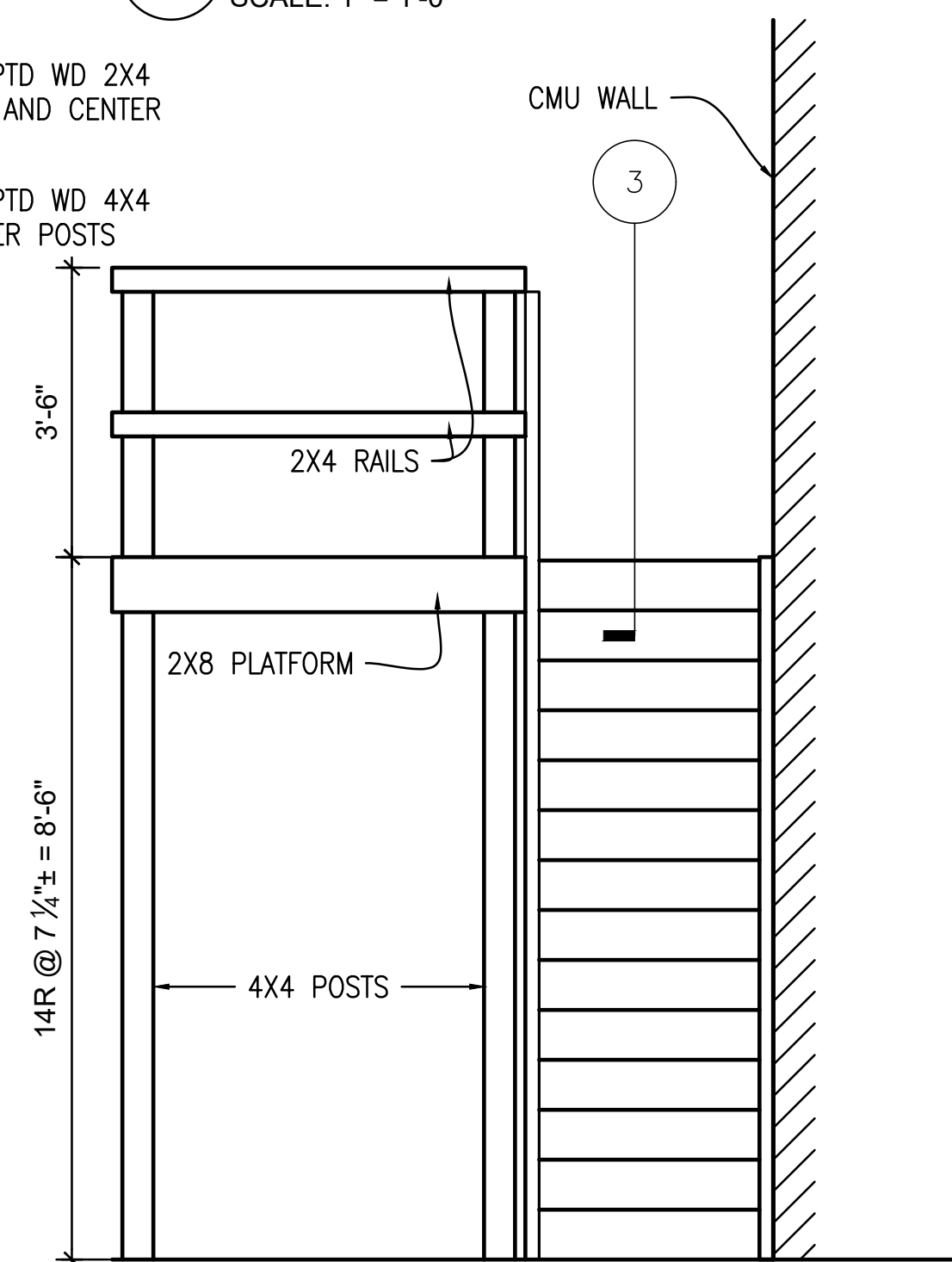
7 RAILING DETAIL

SCALE: 1" = 1'-0"



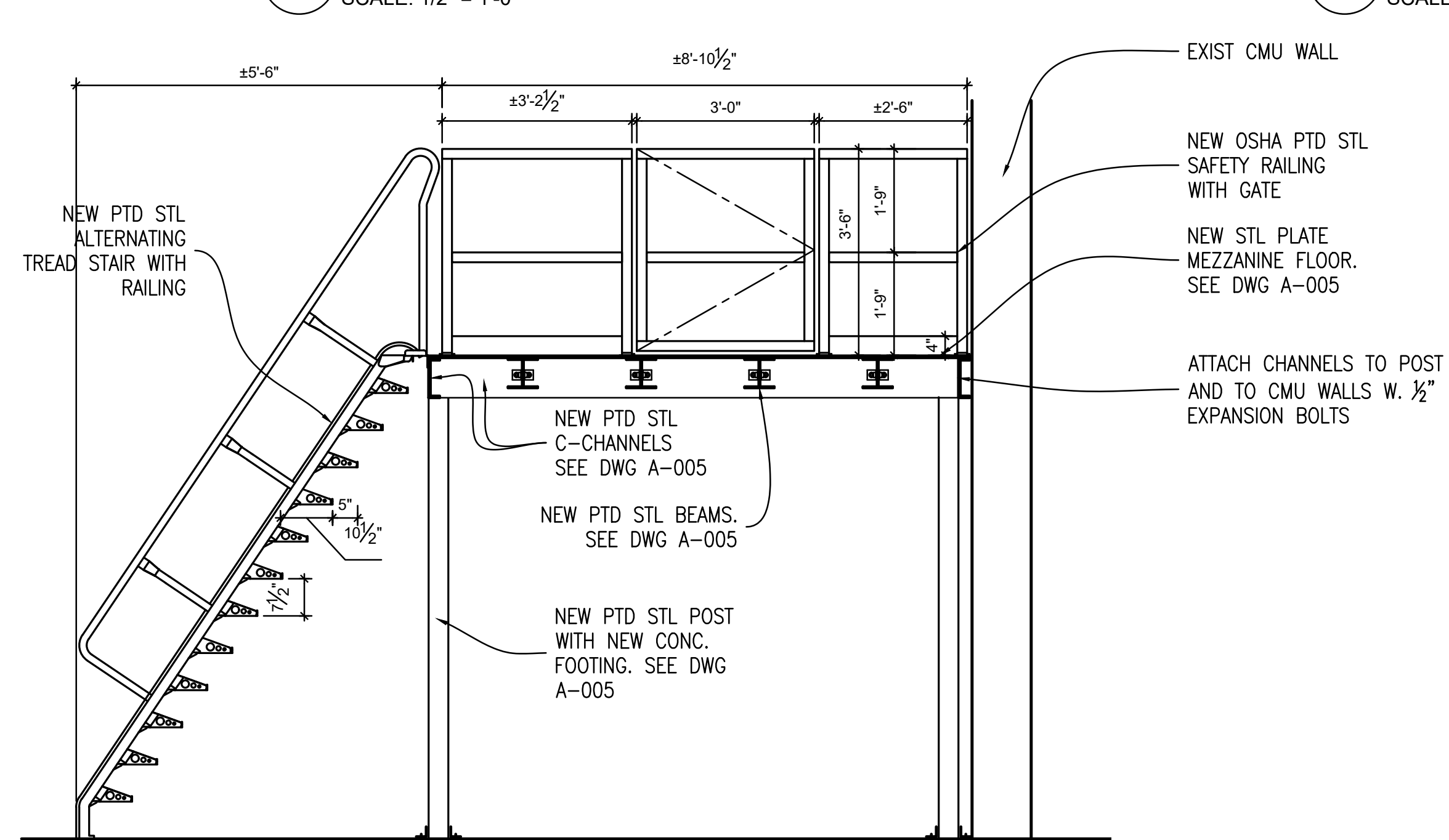
3 SECTION - STAIR + PLATFORM

SCALE: 1/2" = 1'-0"



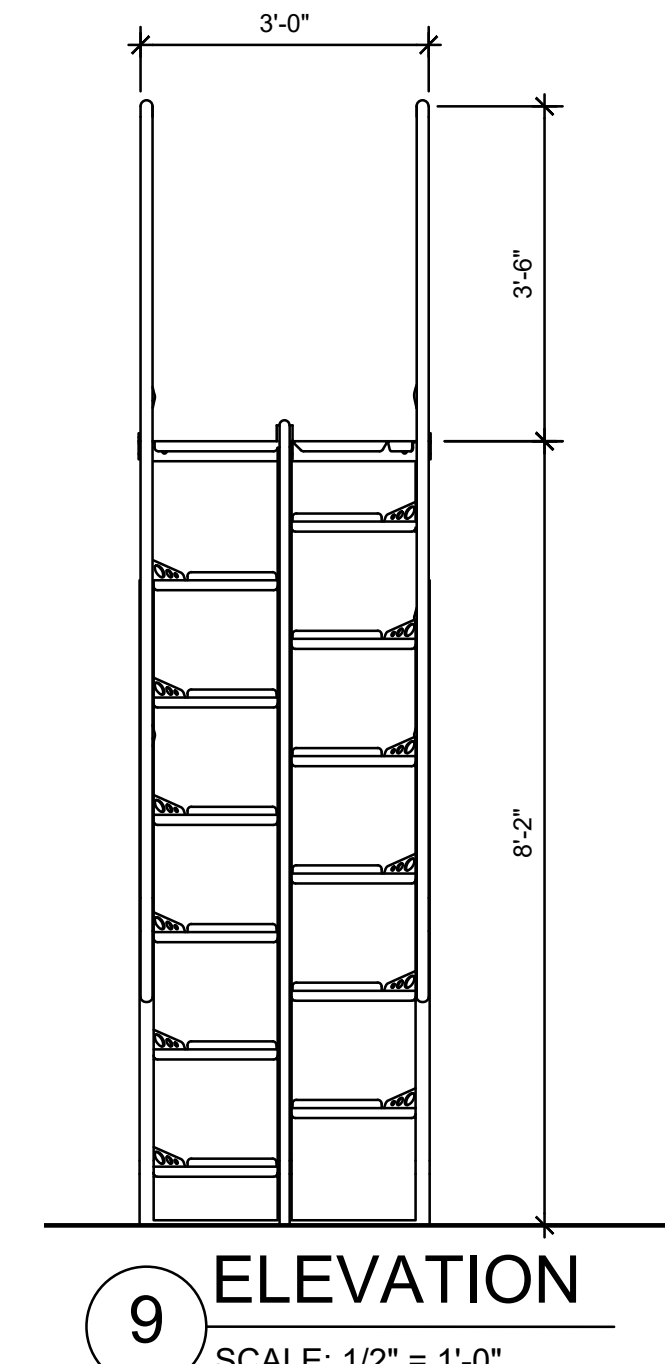
4 ELEVATION - STAIR PLATFORM

SCALE: 1/2" = 1'-0"



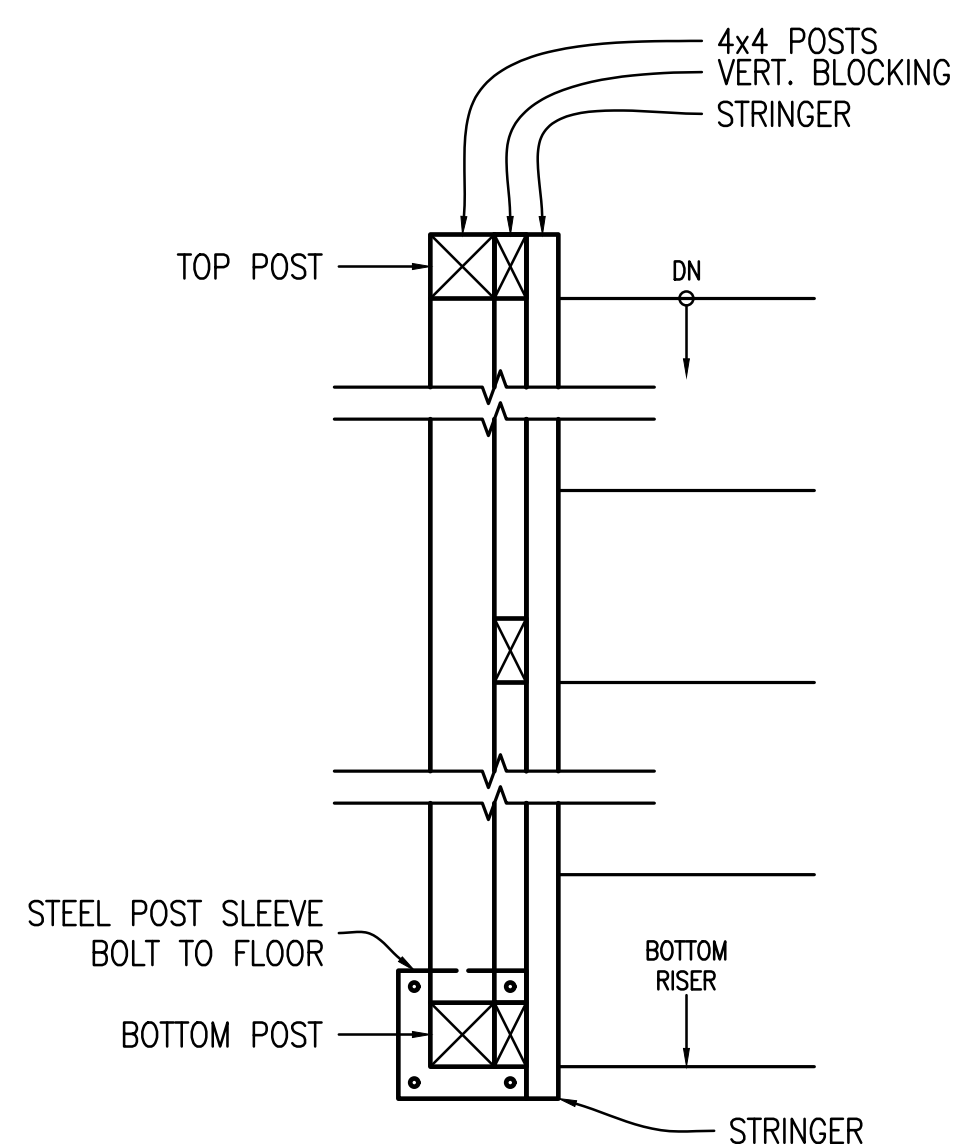
8 SECTION - STL STAIR + PLATFORM

SCALE: 1/2" = 1'-0"



9 ELEVATION

SCALE: 1/2" = 1'-0"



5 STAIR POST PLAN DETAIL

SCALE: 1" = 1'-0"

	LA ROCCA GREEN ARCHITECTS, LLC 22 PURCHASE STREET RYE, NEW YORK 10508	
	BARILE GALLAGHER AND ASSOCIATES CONSULTANT ENGINEERS, PC 39 MARBLE AVENUE PLEASANTVILLE, NY 10570	GROSSFIELD MARCI STRUCTURAL ENGINEERS 75 SMITH AVENUE MT. KISCO, NY 10547

COUNTY COMMENTS				
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
RECORD DRAWING CERTIFICATION				
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES				
CONTRACTOR		PROJECT COORDINATOR		
NAME	DATE	NAME	DATE	
SIGNATURE		SIGNATURE		
WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER		
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		18-516		
DIVISION OF ENGINEERING		SHEET NUMBER		
		A-6		
BUILDING RENOVATION		SCALE: AS NOTED		
YORKTOWN MAINTENANCE GARAGE		DATE: 03/17/2021		
STAIR DETAILS		DPW FILE NO.		
		61-15-A-56-0		
		REV. NO.		

SCHEDULE OF REGISTERS AND DIFFUSERS

MARK	TYPE	SERVICE	MODEL No. ①	DIRECTION DISCHARGE	DAMPER TYPE	FINISH	TYPE	REMARKS
(A)	SIDE WALL REGISTER	EXHAUST	7355	-	OPPOSED BLADE	PER ARCH.	SIDE WALL	REFER TO ② ③ ④

NOTES
 ① AS MANUFACTURED BY "PRICE".
 ② INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
 ③ PROVIDE MOUNTING FRAME COMPATIBLE W/ MOUNTING SURFACE. COORDINATE ALL BORDER TYPES, COLORS, FINISHES AND DIMENSIONS WITH ARCHITECT.

④ SUPPLY NECK SIZE PER CFM RANGE (NOT TO EXCEED 500 fpm)				⑤ RETURN NECK SIZE PER CFM RANGE (NOT TO EXCEED 675 fpm)			
50 TO 99	100 TO 299	300 TO 499	500 TO 799	800 TO 1199	1200 TO 1499	1500 TO 1999	2000 TO 2499
6x6	9x9	12x12	15x15	18x18	21x21	24x24	30x30

SCHEDULE OF EXHAUST FANS

MARK	LOCATION	SERVICE	MODEL # ①	CFM	EXT. S.P. IN 1/2" O	HP 1/10	ELECTRIC V/PH/Hz	REMARKS
(E)	IN LINE	TOILET ROOMS	50-90	300	0.5	(80)	120/1/60	REFER TO ② ④
(E)	CEILING CABINET	OFFICE	SP-B110	75	0.5	(58)	120/1/60	REFER TO ② ③

NOTES
 ① AS MANUFACTURED BY "GREENHECK".
 ② INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
 ③ INTERLOCK W/ LIGHT SWITCH.
 ④ PROVIDE PROGRAMMABLE TIME CLOCK.

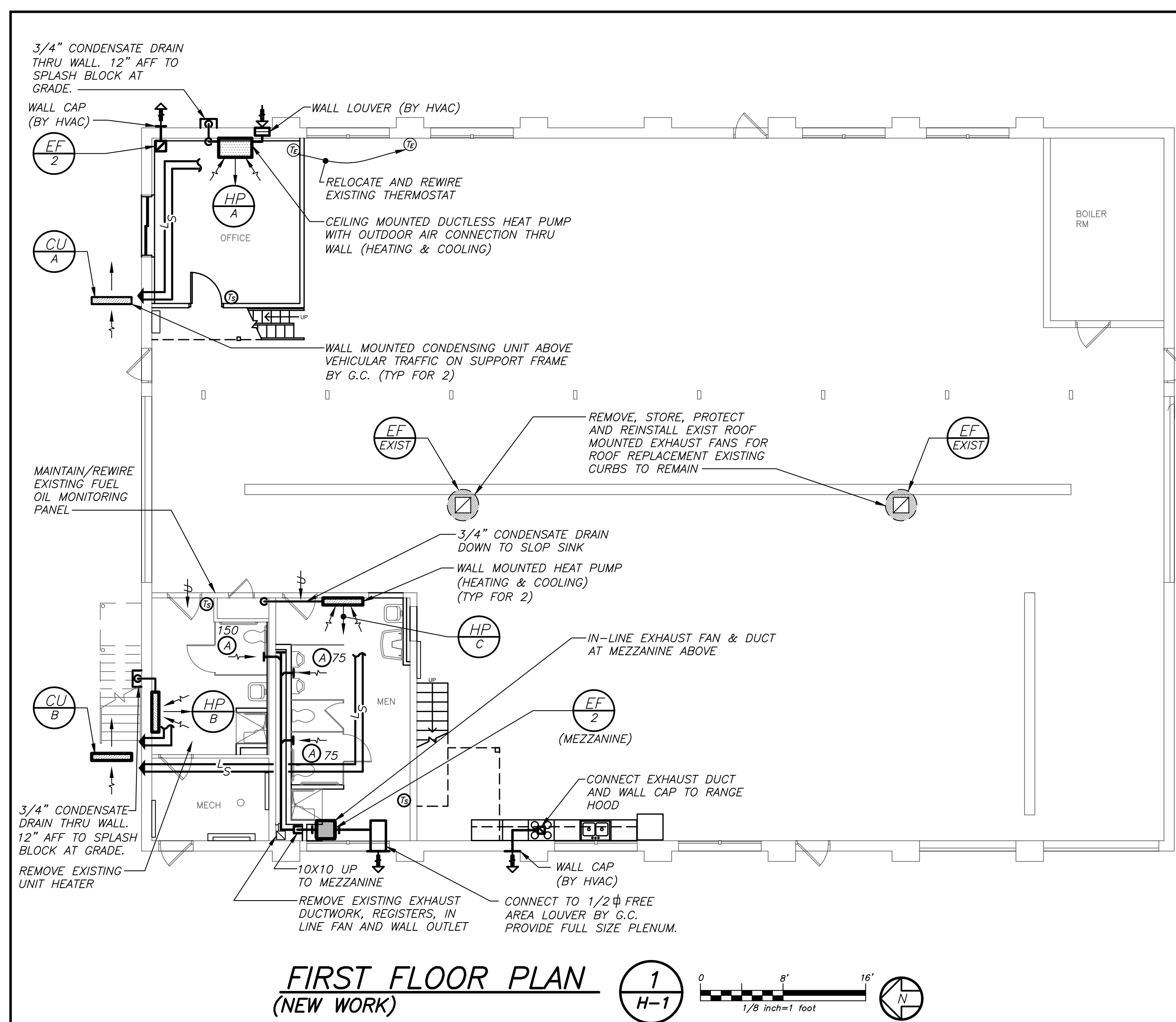
SCHEDULE OF DUCTLESS SPLIT SYSTEMS

MARK	MODEL No. ①	COOLING CAPACITY (BTU)	HEATING CAPACITY (BTU)	ELECTRIC V/PH/Hz	REMARKS
(HP A)	RAV-CT18	18,000	19,000	120/1/60	REFER TO ② ③
(HP B)	40MAQ-12	12,000	23,000		REFER TO ② ③
(HP B)					REFER TO ② ③

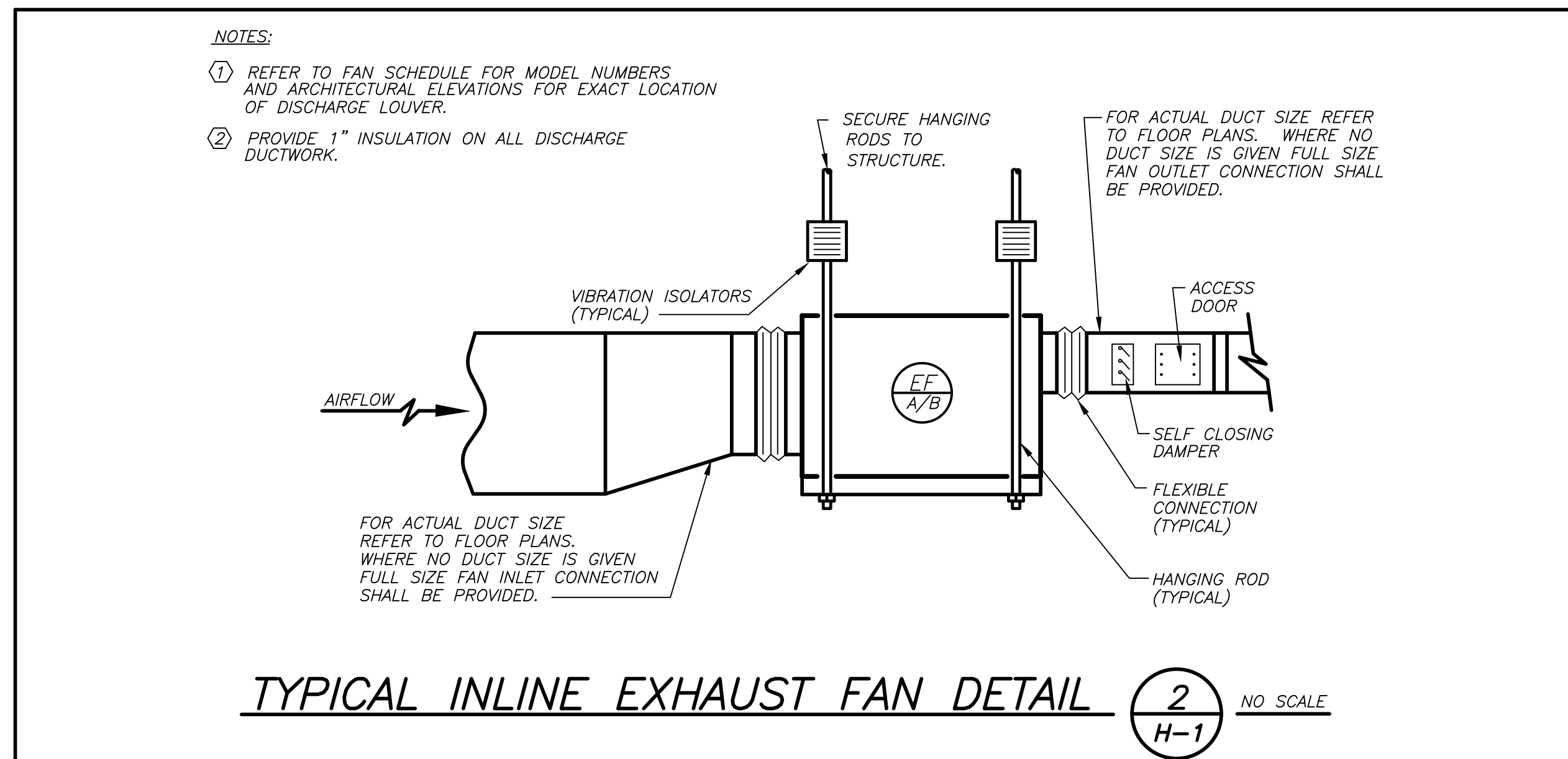
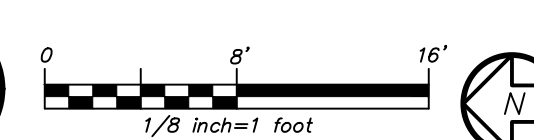
NOTES
 ① AS MANUFACTURED BY "CARRIER/TOSHIBA CORP."
 ② INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
 ③ OUTDOOR UNIT CU-A CARRIER MODEL RAV-SP18 CONNECTED TO HP-A 115/1/60
 ④ OUTDOOR UNIT CU-B CARRIER MODEL 38MRQ24C-3 CONNECTED TO HP-B AND HP-C 208/1/60

REMOVAL NOTES:

- THE SCOPE OF REMOVAL SHOWN ON "REMOVALS" DRAWINGS IS DIAGRAMMATIC ONLY AND INDICATES THE INTENT OF THE WORK TO BE PERFORMED AND NOT THE COMPLETE SCOPE OF DEMOLITION AND/OR REMOVAL WORK. IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO REMOVE ANY RELATED MECHANICAL DEVICES EVEN IF NOT SPECIFICALLY INDICATED TO BE REMOVED ON THESE DRAWINGS IN ORDER TO ACCOMMODATE NEW WORK.
- DEVICES SHOWN CROSS HATCHED ON DRAWINGS ARE ITEMS TO BE REMOVED. ANY DEVICES REMOVED SHALL INCLUDE (BUT SHALL NOT BE LIMITED TO) THE REMOVAL OF ALL ASSOCIATED PIPING, CONTROLS, ETC. THAT ARE NOT INCORPORATED IN THE NEW LAYOUT, UNTIL SUCH REMOVAL IS COMPLETE. THIS CONTRACTOR SHALL PERFORM ALL WORK REQUIRED TO INSURE CONTINUITY OF SERVICE TO EXISTING REMAINING EQUIPMENT. NO EXTRAS RELATING TO THE SCOPE OF WORK DESCRIBED WILL BE ALLOWED.
- EQUIPMENT, PIPING, ETC., REQUIRED TO RECONNECT SHALL BE INSTALLED CONCEALED WITHIN THE NEW SUSPENDED CEILINGS, PARTITIONS AND/OR WALLS, FLOORS, NO SURFACE MOUNTED OR EXPOSED EQUIPMENT, PIPING, ETC., SHALL BE PERMITTED, UNLESS SPECIFICALLY INDICATED.
- ALL ITEMS TO BE REMOVED SHALL BE REVIEWED WITH THE OWNER PRIOR TO REMOVAL. OWNER SHALL HAVE FIRST SALVAGE RIGHTS. ITEMS THE OWNER WISHES TO KEEP SHALL BE REMOVED WITH CARE AND STORED AS DIRECTED BY OWNER. ITEMS THE OWNER DOES NOT WISH TO KEEP SHALL BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY.
- REMOVE OR RELOCATE ALL DEVICES LOCATED ON THE EXTERIOR OF THE BUILDING OR ON THE INTERIOR OF EXTERIOR WALLS AS REQUIRED TO ACCOMMODATE THE NEW BUILDING ADDITION OR TO ALLOW THE ADDITION OF DOORWAYS INTO THE NEW ADDITION.



FIRST FLOOR PLAN (NEW WORK) ① H-1



TYPICAL INLINE EXHAUST FAN DETAIL ② NO SCALE H-1

- NOTES:**
- REFER TO FAN SCHEDULE FOR MODEL NUMBERS AND ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION OF DISCHARGE LOUVER.
 - PROVIDE 1" INSULATION ON ALL DISCHARGE DUCTWORK.

LEGEND

	EXISTING DUCTWORK, EQUIPMENT, ETC. TO REMAIN
	NEW DUCTWORK, EQUIPMENT, ETC. TO BE REMOVED
	FLEXIBLE CONNECTION
	SQUARE DUCT TURN WITH TURNING VANES
	EXISTING 4-WAY CEILING DIFFUSER
	EXISTING CEILING REGISTER
	NEW 4-WAY CEILING DIFFUSER
	CEILING EXHAUST/RETURN REGISTER
	DUCT MTD. MANUAL AIR VOLUME DAMPER (W/LOCKING DEVICE)
	MOTORIZED AIR VOLUME DAMPER (WITH ACCESS DOOR)
	LIQUID REFRIGERANT PIPING
	SUCTION REFRIGERANT PIPING
	CONDENSATE DRAIN PIPING
	CHECK VALVES
	STRAINER
	FLOW DIRECTION WITHIN PIPE
	SHUT OFF VALVE
	COMBINATION BALANCING & SHUT-OFF VALVE (CIRCUIT SETTER)
	PIPE CONNS. (BOTTOM; TOP 45 OR 90; PIPE UP)
	CLEAN OUT
	AUTOMATIC AIR VENT IDENTIFICATION
	TEMPERATURE SENSOR
	PRESSURE GAUGE (WITH SHUT-OFF COCK)
	EXISTING EXHAUST FAN IDENTIFICATION
	NEW EXHAUST FAN IDENTIFICATION
	NEW CONDENSING UNIT IDENTIFICATION
	NEW INDOOR DUCTLESS HEAT PUMP UNIT IDENTIFICATION
	WALL MTD. (5'-2" +/- A.F.F.) TEMPERATURE SENSOR
	EXISTING TEMPERATURE SENSOR
	POINT OF DISCONNECTION
	POINT OF CONNECTION, NEW TO EXISTING
	CFM CUBIC FEET PER MINUTE
	OAI OUTSIDE AIR INTAKE
	FC FLEXIBLE CONNECTION
	FAI FRESH AIR INTAKE
	WMG WIRE MESH GRILLE
	SECTION/DETAIL/ELEVATION/PART PLAN NUMBER
	DRAWING NUMBER (J DENOTES JFKES)
	SECTION/ELEVATION IDENTIFICATION

COUNTY COMMENTS

LA ROCCA GREEN ARCHITECTS, LLC 22 PURCHASE STREET RYE, NEW YORK 10508	GROSSFIELD MARCI STRUCTURAL ENGINEERS 75 SMITH AVENUE MT. KISCO, NY 10547
BARILE GALLAGHER AND ASSOCIATES CONSULTANT ENGINEERS, PC 39 MARBLE AVENUE PLEASANTVILLE, NY 10570	

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

AS BUILT - CHANGES AS NOTED
 AS BUILT - NO CHANGES

CONTRACTOR		PROJECT COORDINATOR	
NAME	SIGNATURE	NAME	SIGNATURE
TITLE	DATE	TITLE	DATE

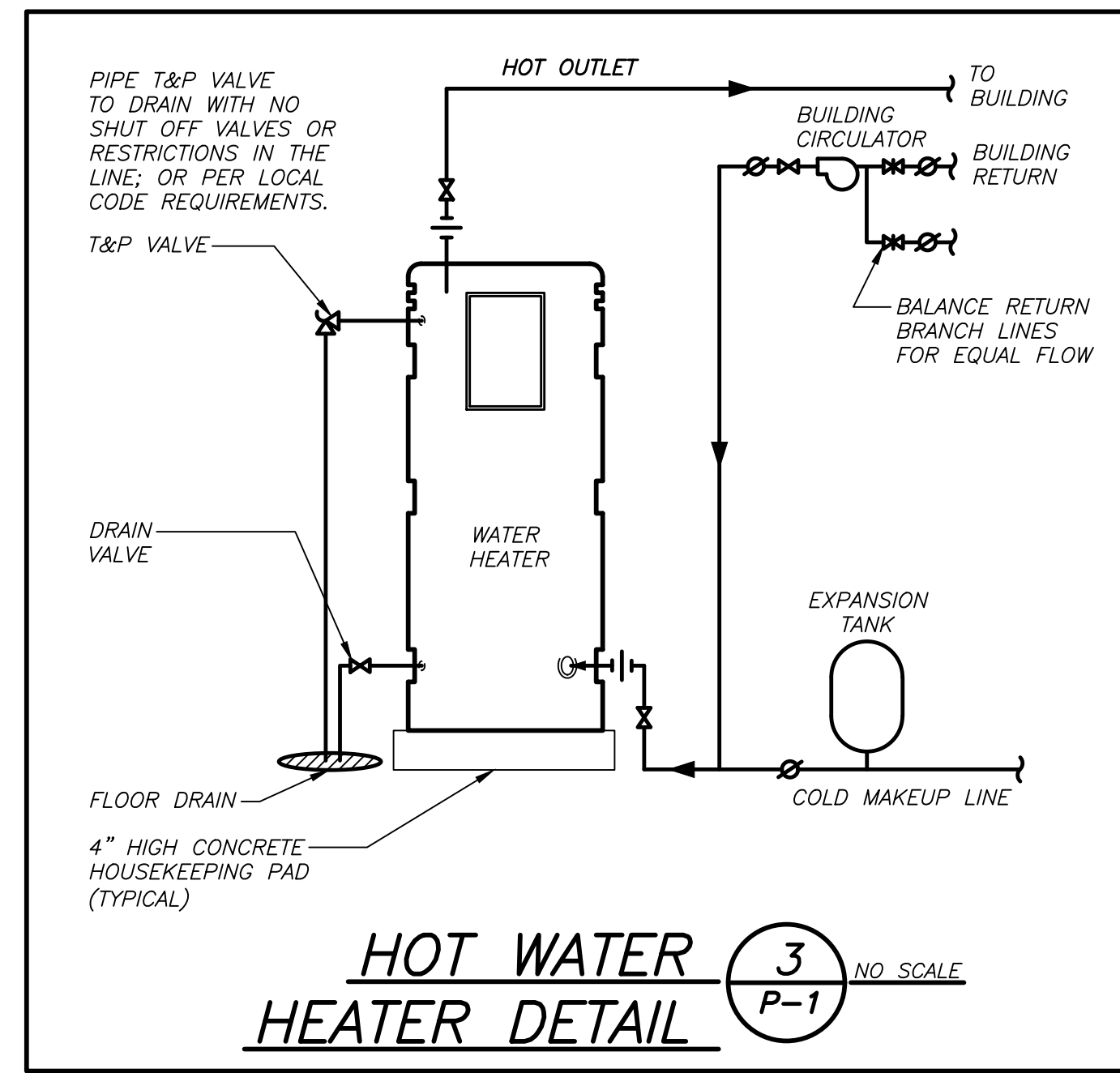
WESTCHESTER COUNTY, NEW YORK
 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
 DIVISION OF ENGINEERING

BUILDING RENOVATION
 YORKTOWN MAINTENANCE GARAGE
 HVAC PLAN, SCHEDULES, LEGEND

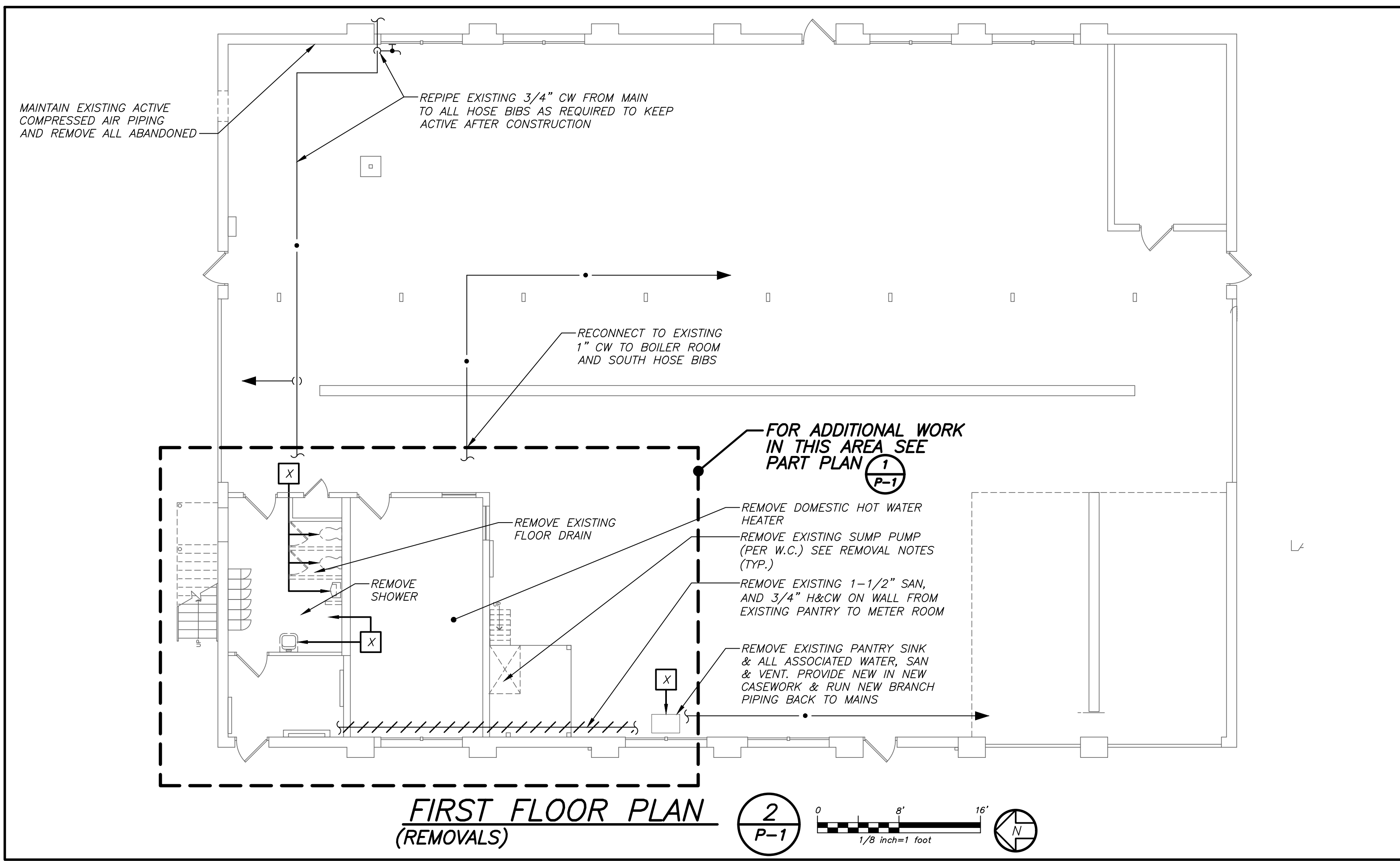
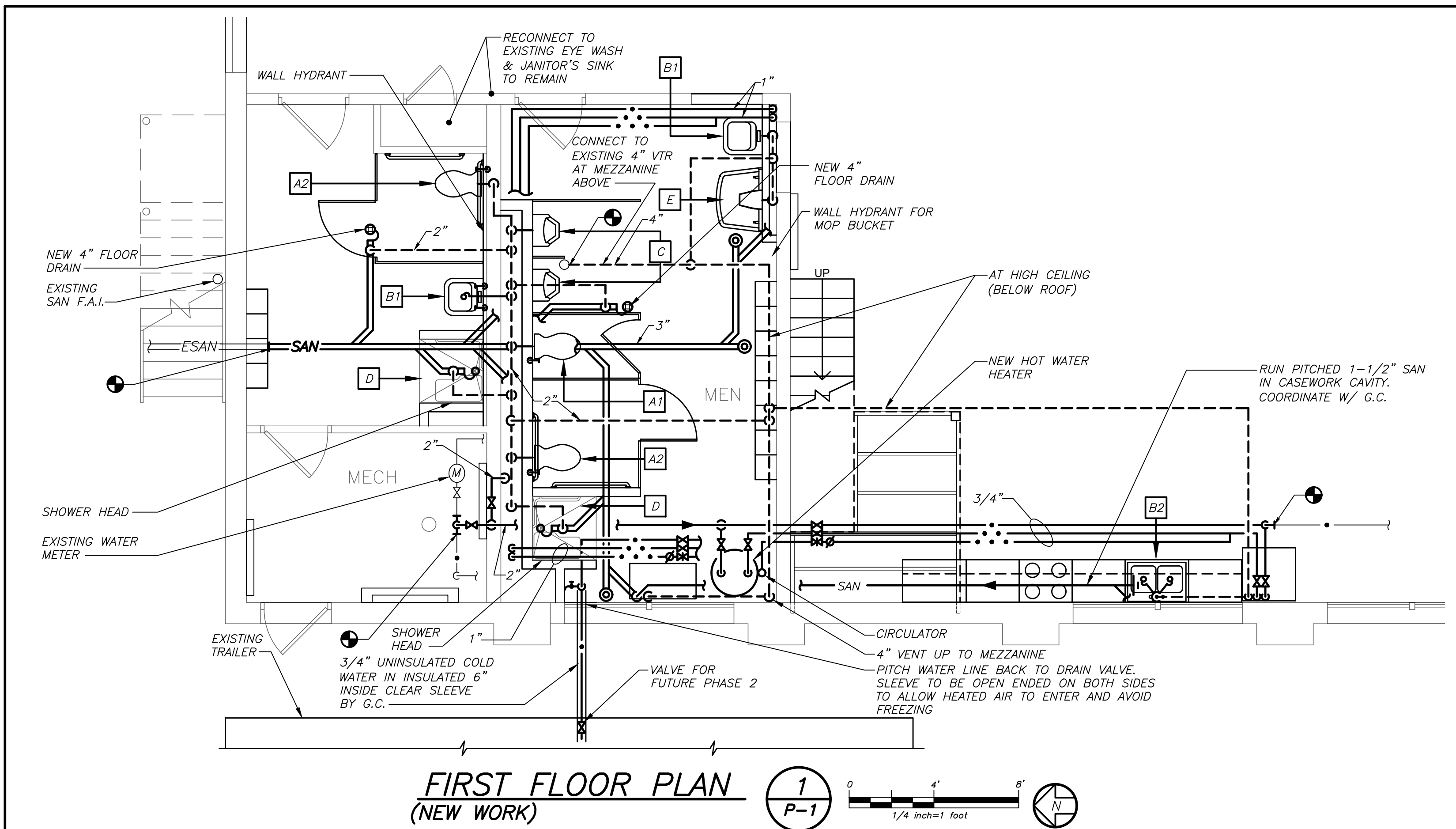
CONTRACT NUMBER	SHEET NUMBER
18-516	H-1

SHEET NO. 9 OF 16
 SCALE: 1/8" = 1'0"
 DATE: 3/17/21
 DPW FILE NO.
 61-15-H-57-0





TEMPORARY PLUMBING WORK FOR OFFICE TRAILERS — PROVIDE ALL REQUIRED PLUMBING WORK TO SUPPORT THE TOILET ROOMS IN TWO TEMPORARY OFFICE TRAILERS AS SPECIFIED IN SECTION 015000 AND SECTION 015010 INCLUDING HW AND CW SUPPLY PIPING AND VALVES TO CONNECT TO THE EXISTING BUILDING AND DRAINAGE PIPING TO CONNECT TO THE EXISTING BUILDING SANITARY OR TO THE EXISTING SEPTIC SYSTEM AND REMOVE THIS WORK UPON COMPLETION OF THE PROJECT.



LEGEND

—	NEW PIPING, FIXTURES, ETC.
—●—	COLD WATER PIPING
—●●—	HOT WATER PIPING
—●●●—	HOT WATER RETURN PIPING
- - - -	PLUMBING VENT PIPING
—SAN—	SANITARY PIPING
==SAN==	SANITARY PIPING (UNDERGROUND)
→	FLOW DIRECTION WITHIN PIPE
— —	CLEANOUT
⊙	CLEANOUT DECK PLATE
⊘	SHUT-OFF VALVE
⊘/⊘	COMBINATION BALANCING & SHUT-OFF VALVE
⊘	CHECK VALVE
⊘-⊘	PIPE CONNS. (BOTTOM; TOP 45 OR 90; PIPE UP)
⊘	PLUMBING FIXTURE IDENTIFICATION
P.C.	PLUMBING CONTRACTOR
G.C.	GENERAL CONTRACTOR
FD	FLOOR DRAIN
⊙	POINT OF CONNECTION
⊘	PART PLAN, DETAIL, SECTION NUMBER
⊘	DRAWING NUMBER
⊘	SECTION IDENTIFICATION

PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	BRANCH SIZE			
		W	V	H	C
A1	WALL MOUNTED WATER CLOSET (FLUSH VALVE)	4"	2"	-	1"
A2	WALL MOUNTED WATER CLOSET (FLUSH VALVE) (HANDICAPPED)	4"	2"	-	1"
B1	WALL MOUNTED LAVATORY (HANDICAPPED)	1-1/2"	1-1/2"	1/2"	1/2"
B2	COUNTERTOP PANTRY SINK	1-1/2"	1-1/2"	1/2"	1/2"
C	URINAL — WALL MOUNTED	3"	2"	-	1/2"
D	SHOWER	3"	2"	3/4"	3/4"
E	PEDDLE ACTIVATED MULTI-USER WASH BASIN	3"	2"	3/4"	3/4"
X	EXISTING FIXTURE TO BE REMOVED	-	-	-	-
R	EXISTING FIXTURE TO REMAIN	-	-	-	-

REMOVAL NOTES

- REMOVE ALL PLUMBING FIXTURES, EQUIPMENT, SPECIALTIES, DRAINS, CONTROLS, HANGERS, BASES, SUPPORTS, PIPING, VALVES, TUBING AND PLUMBING ACCESSORIES THAT ARE NOT INCORPORATED IN THE NEW LAYOUT.
- WHERE REMOVAL IS INDICATED OR IMPLIED OR NOT INCORPORATED IN THE NEW LAYOUT, THE ITEM ITSELF IS TO BE REMOVED COMPLETELY TOGETHER WITH ALL CONNECTING PIPING, SPECIALTIES, SUPPORTS, CONTROLS, ETC. CONNECTING PIPING IS TO BE REMOVED BACK TO MAINS WHERE THEY ARE TO BE CAPPED OR DISCONNECTED. THIS INCLUDES ALL GAS, SANITARY, VENT, WATER, COMPRESSED AIR, ACID WASTE, VACUUM, AND PUMP DISCHARGE PIPING. REFER TO DIVISION 1 OF SPECIFICATION FOR CUTTING AND PATCHING REQUIREMENTS.
- WHERE EXISTING PIPING ENTERS INACCESSIBLE TRENCHES, TUNNELS, SHAFTS, WALLS AND CEILINGS INSIDE THE EXISTING BUILDING, IT SHALL BE CUT BACK AT LEAST 2" INTO SUCH INACCESSIBLE SPACES AND SHALL BE SUITABLY CARPED AND SEALED BY THE CONTRACTOR.
- THE CONTRACTOR SHALL EXERCISE NORMAL CAUTION TO PREVENT UNNECESSARY CUTTING AND DAMAGE TO THE EXISTING BUILDING. ANY EXCESSIVE DAMAGE AS DETERMINED BY THE OWNER SHALL BE REPAIRED AND PAID FOR BY THE CONTRACTOR CAUSING THE DAMAGE.
- ALL DEMOLISHED EQUIPMENT ETC. EXCEPT THOSE ITEMS SPECIFICALLY REQUESTED BY THE OWNER SHALL BECOME THE CONTRACTORS PROPERTY, SHALL BE REMOVED FROM THE PREMISES, AND DISPOSED OF LEGALLY.
- THE ABOVE NOTES PERTAIN TO WORK IN THE TOILET ROOMS AND KITCHEN AREAS. THERE IS NO PLUMBING WORK IN THE GENERAL GARAGE AREA AND BOILER ROOM.

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BARILE GALLAGHER AND ASSOCIATES CONSULTANT ENGINEERS, PC 39 MARBLE AVENUE PLEASANTVILLE, NY 10570	

COUNTY COMMENTS

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

AS BUILT — CHANGES AS NOTED
AS BUILT — NO CHANGES

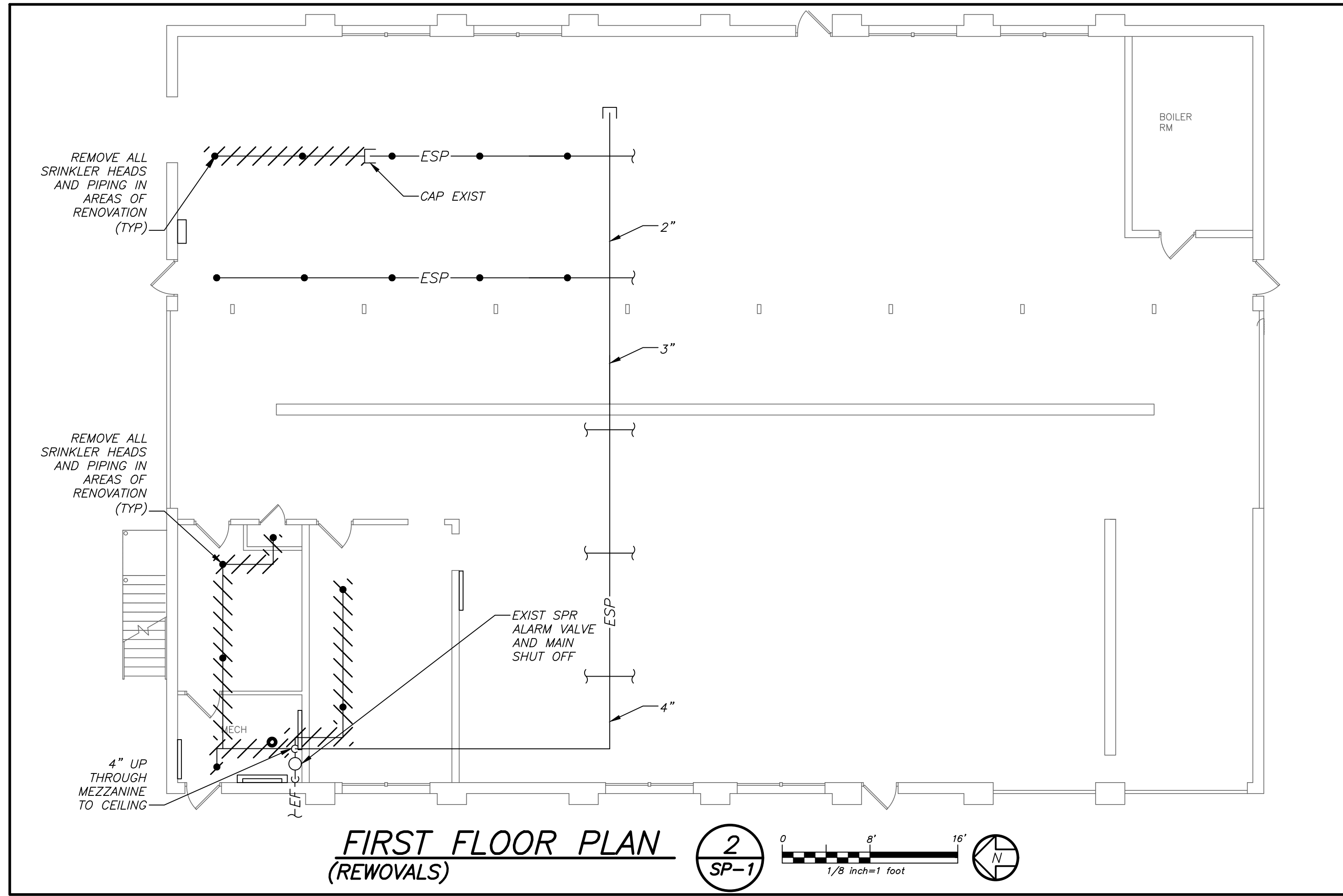
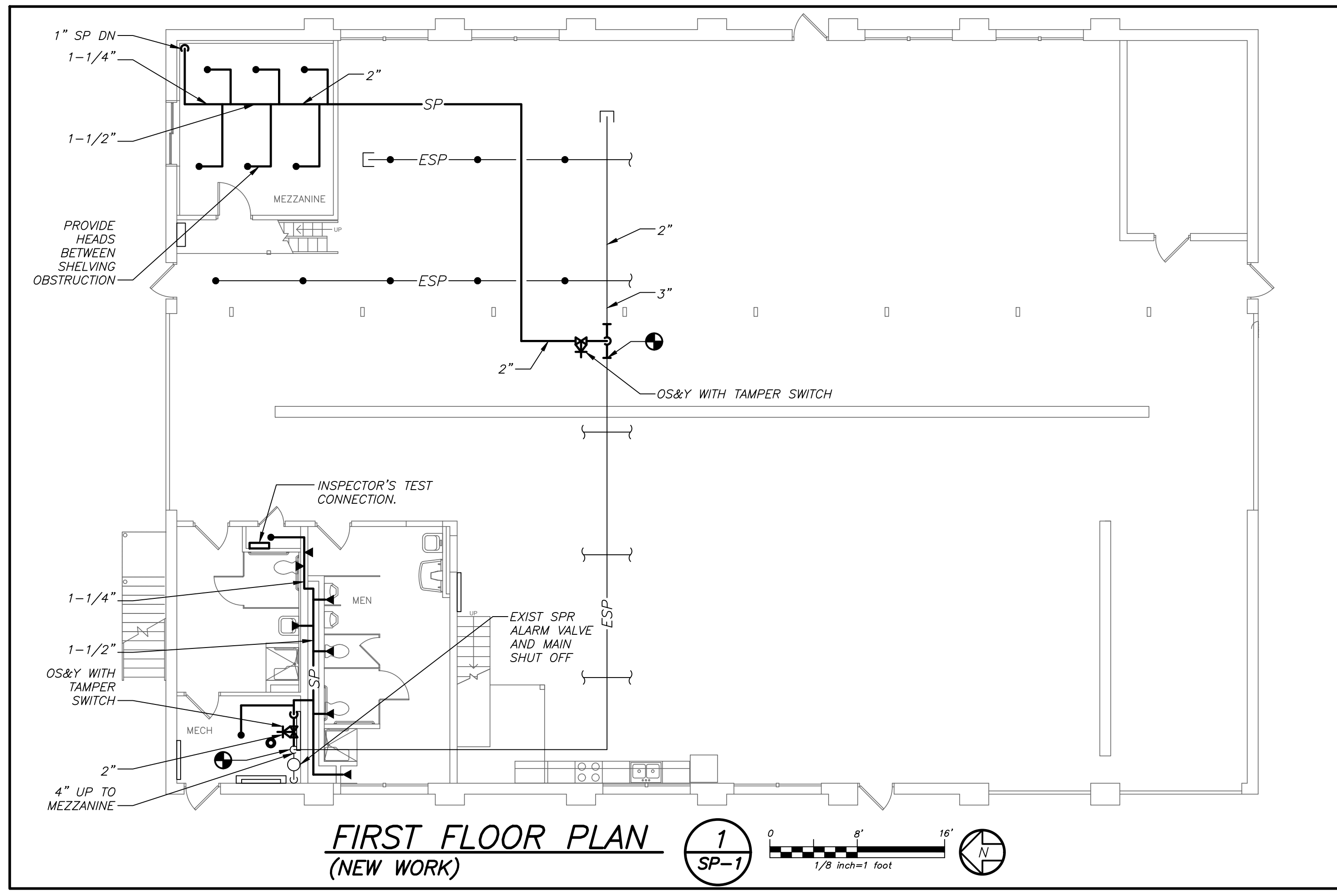
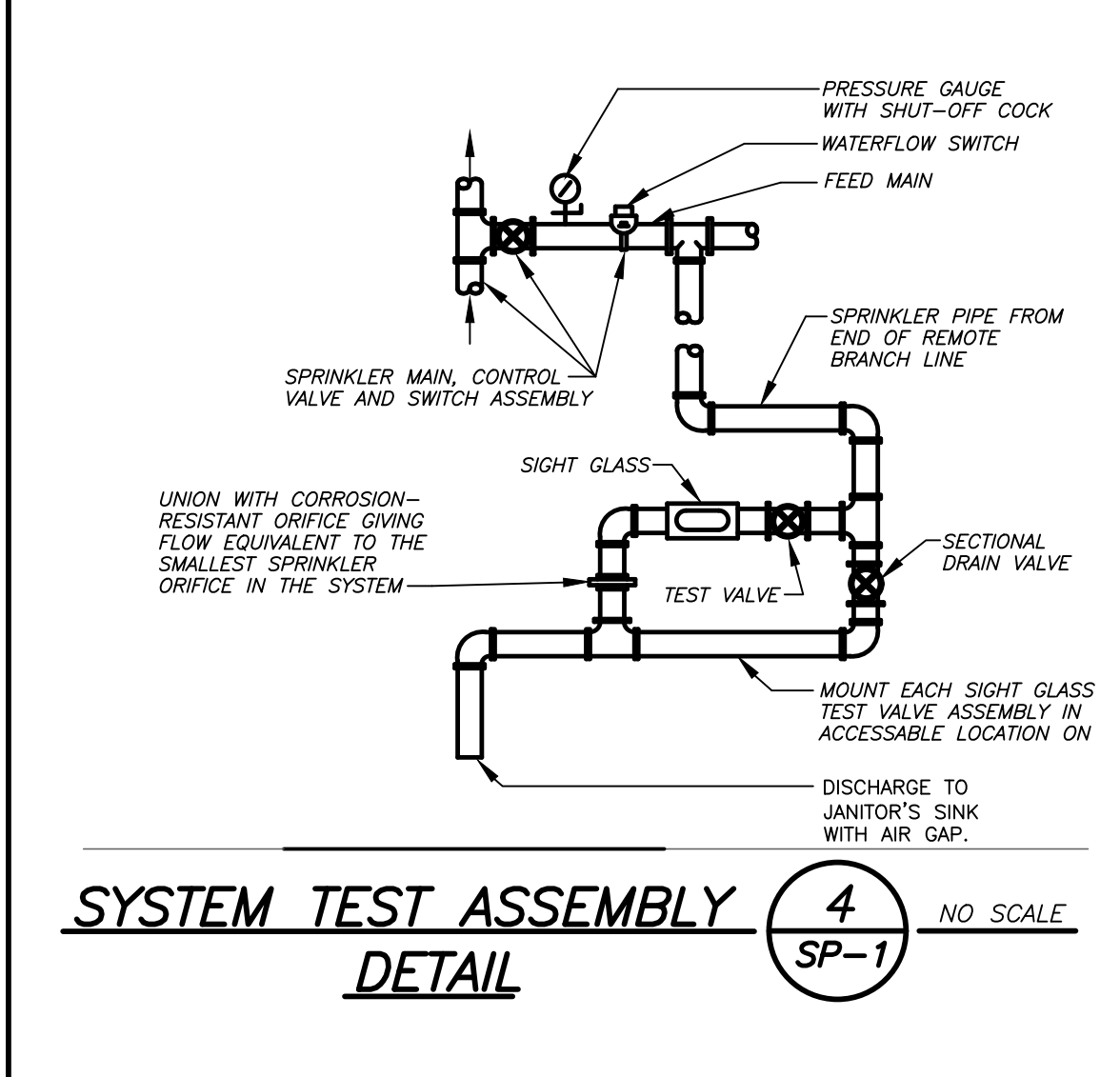
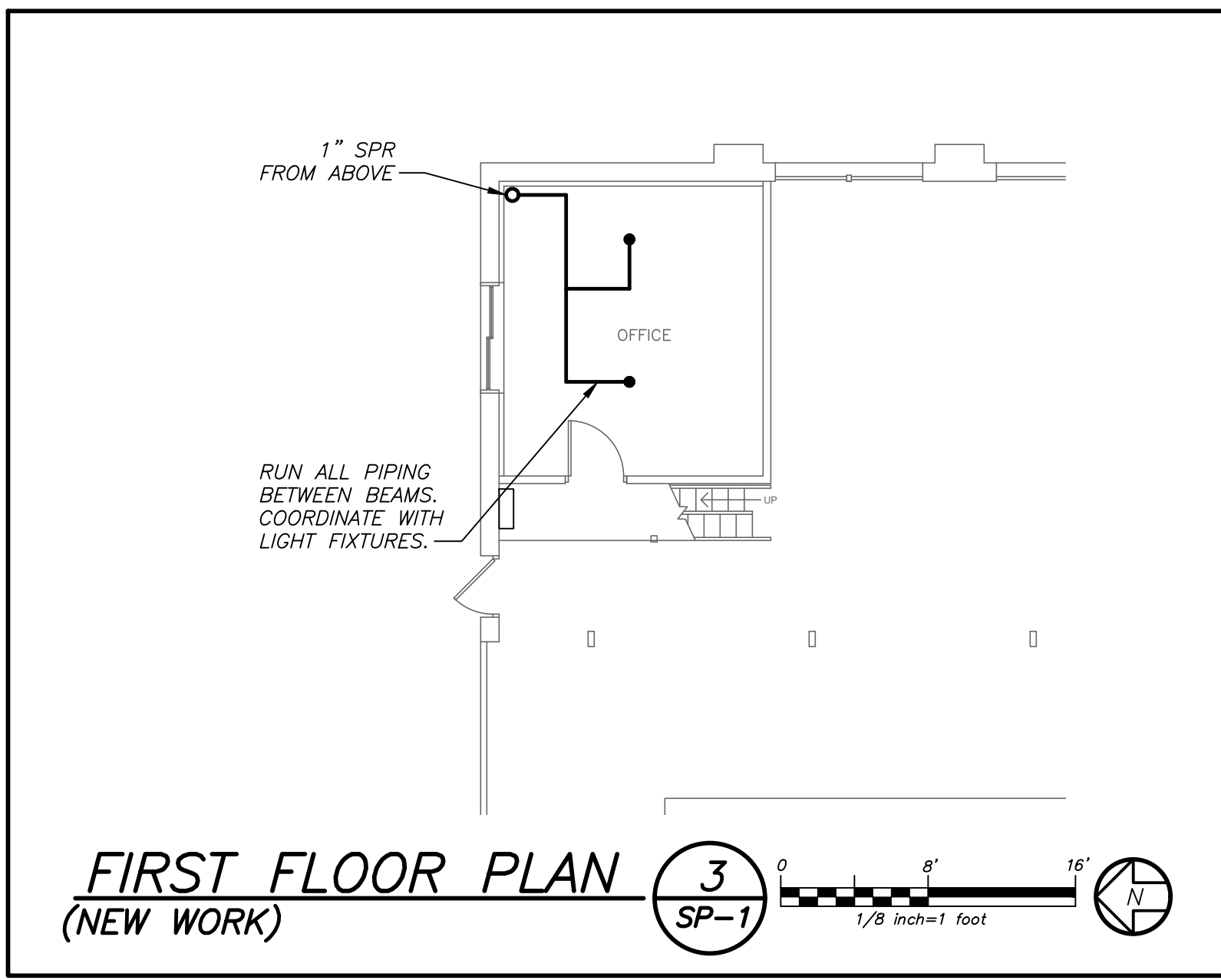
CONTRACTOR		PROJECT COORDINATOR	
NAME	SIGNATURE	NAME	SIGNATURE
TITLE	DATE	TITLE	DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

BUILDING RENOVATION
YORKTOWN MAINTENANCE GARAGE
PLUMBING PLANS, SCHEDULE, LEGEND

CONTRACT NUMBER	SHEET NUMBER
18-516	P-1
SHEET NO. 10 OF 16	SCALE: 1/8"=1'0"
DATE: 3/17/21	DPW FILE NO.
61-15-P-58-0	REV. NO.





LEGEND

-----	EXISTING PIPING, ETC. TO BE REMOVED
○-○-○	PIPE CONNS. (BOTTOM, TOP 45 OR 90; PIPE UP)
○	NEW SPRINKLER HEAD
○	NEW SIDEWALL SPRINKLER HEAD
— —	FIRE PROTECTION PIPING
—SP—	SPRINKLER PIPING
→	FLOW DIRECTION WITHIN PIPE
⊥	ISOLATION VALVE WITH CHAIN LOCK
○	PART PLAN, DETAIL, SECTION NUMBER
---	DRAWING NUMBER
---	SECTION IDENTIFICATION

- ### SPRINKLER GENERAL NOTES
- CONTRACTOR SHALL NOT CUT ANY STRUCTURAL MEMBERS WITHOUT APPROVAL BY THE ARCHITECT. COORDINATE WITH OTHER PLUMBING AND DUCTWORK.
 - CONTRACTOR SHALL FURNISH AND INSTALL ALL PIPING VALVES, HEADS, TESTS, HANGERS, FITTINGS AND MISCELLANEOUS COMPONENTS TO RENDER THE SPRINKLER SYSTEM COMPLETE, OPERABLE AND IN ACCORDANCE WITH APPLICABLE CODES AND GENERALLY ACCEPTED INDUSTRY STANDARDS.
 - CENTER SPRINKLER HEADS IN GRID CEILINGS, UNLESS SHOWN OTHERWISE.

- ### SPRINKLER SYSTEM TESTS
- HYDROSTATIC - 200 PSI FOR 2 HOURS WITHOUT LOSS OF PRESSURE.
 - SYSTEM OPERATIONAL TESTS - WATER FLOW DETECTING DEVICES.
 - CONTRACTOR SHALL PERFORM ALL SPRINKLER SYSTEM TESTS REQUIRED BY LOCAL FIRE INSPECTOR OR AUTHORITY HAVING JURISDICTION.
 - ALL TESTS SHALL BE WITNESSED BY LOCAL FIRE INSPECTOR OR AUTHORITY HAVING JURISDICTION. SUBMIT REPORT ON ALL TESTS TO LOCAL FIRE INSPECTOR AND ENGINEER FOR APPROVAL.

SCHEDULE OF SPRINKLER BRANCH PIPING SIZES

PIPE SIZE	MAX # OF SPRINKLER HEADS
1"	2
1 1/4"	3
1 1/2"	5
2"	10
3"	40

NOTES

① MAINS HAVE BEEN SHOWN. CONTRACTOR TO PROVIDE BRANCH PIPING BASED ON NFPA-13 PIPE SCHEDULE METHOD OF PIPE SIZING. HYDRAULIC METHOD WILL BE ACCEPTABLE AS WELL. SUBMIT SHOP DRAWINGS AND HYDRAULIC CALCULATIONS.

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BARILE GALLAGHER AND ASSOCIATES CONSULTANT ENGINEERS, PC 39 MARBLE AVENUE PLEASANTVILLE, NY 10570	

COUNTY COMMENTS

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

AS BUILT - CHANGES AS NOTED
AS BUILT - NO CHANGES

CONTRACTOR	PROJECT COORDINATOR
NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____
DATE _____	DATE _____

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

BUILDING RENOVATION
YORKTOWN MAINTENANCE GARAGE
SPRINKLER PLANS

CONTRACT NUMBER	SHEET NUMBER
18-516	SP-1
SHEET NO. 11 OF 16	SCALE: 1/8" = 1'0"
DATE: 3/17/21	DPW FILE NO.
61-15-SP-59-0	REV. NO.



GENERAL NOTES

- 26. PRIOR TO ANY CHASING, CHOPPING OR CORE DRILLING BEING PERFORMED, THE CONTRACTOR SHALL FIELD INVESTIGATE CONDITIONS AND COORDINATE ALL WORK TO ENSURE THAT IT WILL BE IN HARMONY AND NOT AFFECT ANY EXISTING BUILDING SYSTEMS. THIS WORK MUST BE APPROVED BY BUILDING OWNER PRIOR TO PROCEEDING.
- 27. OPENINGS AROUND ELECTRICAL PENETRATIONS THROUGH FIRE RESISTANCE RATED WALLS, PARTITIONS, FLOORS OR CEILINGS SHALL BE FIRE STOPPED USING APPROVED METHODS. ALL SLEEVES MUST HAVE BUSHINGS. SEALANT SHALL BE 3 HOUR FIRE BARRIER #CP-25 (NO LESS THAN 3" THICK BACKED UP WITH MINERAL WOOL).
- 28. ALL PANELBOARD COVERS SHALL BE INSTALLED IN PLACE AT THE COMPLETION OF EACH DAYS WORK.
- 29. PREPARE 'AS-BUILT' DRAWINGS THAT REFLECT ACTUAL CONSTRUCTION AND SHOW DEVIATIONS FROM DESIGN DRAWINGS.
- 30. LIGHT FIXTURES SHALL BE CONSTRUCTED TO SUIT PARTICULAR TYPE OF CEILING AND WALL CONSTRUCTION AND SHALL BE PROVIDED WITH APPROPRIATE TRIMS, MOUNTING FRAMES AND ADAPTERS AS REQUIRED.
- 31. ALL NEW CIRCUIT BREAKERS INSTALLED INTO EXISTING PANELBOARDS SHALL BE UL LISTED FOR USE IN THE PANEL.

GENERAL NOTES

- 1. DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF SYSTEMS AND WORK. CONTRACTOR SHALL FURNISH ALL NECESSARY OUTLETS, SUPPORTS, FITTINGS AND ACCESSORIES TO FULFILL APPLICABLE CODES, REGULATIONS, BUILDING STANDARDS AND THE BEST PRACTICES OF THE TRADE FOR FIRST CLASS ELECTRICAL INSTALLATION.
- 2. THE DRAWINGS INDICATE SIZE AND GENERAL LOCATION OF WORK. SCALED DIMENSIONS SHALL NOT BE USED. THE EXACT LOCATION AND ELEVATION OF ALL ELECTRICAL EQUIPMENT SHALL BE COORDINATED IN FIELD WITH RESPECTIVE CONTRACTOR/OWNER.
- 3. WHERE PANELBOARDS, SWITCHES, CIRCUIT BREAKERS, ETC. ARE EXISTING AND TO BE REUSED THE CONTRACTOR SHALL CLEAN AND REFURBISH THE EQUIPMENT. THIS SHALL INCLUDE TIGHTENING ALL CONNECTIONS, REPLACING DEFECTIVE MECHANISMS AND PROVIDING ALL REQUIRED AND NECESSARY MISCELLANEOUS COMPONENTS SO THAT THE EQUIPMENT SHALL BE IN PERFECT WORKING ORDER.
- 4. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER PRIOR TO SUBMISSION OF BID TO DETERMINE WHAT WORK MUST BE PERFORMED AFTER NORMAL BUSINESS HOURS. UNLESS OTHERWISE DIRECTED ANY NOISY WORK (CHOPPING, CORE DRILLING, HAMMERING, ETC.) AND BUILDING POWER INTERRUPTIONS SHALL BE PERFORMED OUTSIDE OF NORMAL BUSINESS HOURS. CONFIRM NORMAL BUSINESS HOURS WITH BUILDING OWNER. NO ADDITIONAL COST WILL BE CHARGED TO OWNER FOR WORK PERFORMED OUTSIDE NORMAL BUSINESS HOURS.
- 5. ALL WORK WHERE SHOWN WITH DARK/SOLID LINES ON THE DRAWINGS IS NEW UNLESS OTHERWISE NOTED. WHERE SHOWN WITH DASHED LINES WITH LETTER (E) IS EXISTING TO REMAIN, WITH LETTER (R) IS EXISTING TO BE REMOVED, WITH LETTER (ER) IS EXISTING RELOCATED, WITH LETTER (RN) IS EXISTING TO BE REPLACED WITH NEW AND WITH LETTER (RR) IS EXISTING TO BE REMOVED AND RELOCATED.
- 6. CIRCUIT NUMBERS TO EXISTING PANELS ARE SHOWN FOR INTENT ONLY. ACTUAL CIRCUIT NUMBERS TO BE USED SHALL BE AS PER FIELD CONDITIONS BY UTILIZING SPARE CIRCUITS, BREAKERS OR SPACES IN EXISTING PANEL, SIZE AS INDICATED ON THE PLANS. THE ELECTRICAL CONTRACTOR SHALL BALANCE LOAD OF CIRCUITS EVENLY ON ALL PHASES.
- 7. FEEDERS AND BRANCH CIRCUITRY SHALL BE RUN IN MINIMUM 3/4" CONDUIT UNLESS OTHERWISE NOTED. WHERE SHOWN WITH DASHED LINES WITH LETTER (E) IS EXISTING TO REMAIN, WITH LETTER (R) IS EXISTING TO BE REMOVED, WITH LETTER (ER) IS EXISTING RELOCATED, WITH LETTER (RN) IS EXISTING TO BE REPLACED WITH NEW AND WITH LETTER (RR) IS EXISTING TO BE REMOVED AND RELOCATED.
- 8. PROVIDE PANEL NAME PLATE MADE OF BLACK LAMINATED PLASTIC WITH WHITE ENGRAVED LETTERING AND TYPE WRITTEN DIRECTORY FOR ALL NEW AND EXISTING PANELS BEING USED FOR THIS PROJECT.
- 9. ALL CONDUCTORS SHALL BE COPPER, TYPE THHN/THWN INSULATED. ALL CONDUCTORS SHALL HAVE 600 VOLT RATED INSULATION UNLESS OTHERWISE NOTED.
- 10. REFER TO ARCHITECT'S REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHTING FIXTURES AND OTHER CEILING CONCEALED.
- 11. THE USE OF FLEXIBLE CONDUIT FROM LIGHTING FIXTURES TO JUNCTION BOX IS PERMITTED ONLY WHEN A SEPARATE GROUND WIRE IS INSTALLED WITH THE CONDUCTORS INSIDE FLEXIBLE CONDUIT. THE GROUND WIRE MUST BOND THE FIXTURE HOUSING TO THE JUNCTION BOX. MAXIMUM LENGTH 6'-0".
- 12. EXACT LOCATION AND MOUNTING HEIGHTS OF ALL DEVICES SHALL BE COORDINATED WITH THE ARCHITECT PRIOR TO THE INSTALLATION.
- 13. WALL MOUNTED EQUIPMENT (SWITCHES, RECEPTACLES, ETC.) SHALL BE SURFACE MOUNTED IN UNFINISHED AREAS AND ON EXISTING CONCRETE BLOCK WALLS AND FLUSH MOUNTED IN NEW WALLS/PARTITIONS.
- 14. CONDUIT RUNS SHALL BE PARALLEL WITH OR AT RIGHT ANGLES TO WALLS AND CEILINGS. CONDUIT SHALL BE SUPPORTED BY APPROVED MEANS. SUPPORTS FOR HORIZONTAL RUNS OF CONDUIT SHALL NOT EXCEED SEVEN FEET ON CENTERS.
- 15. PROVIDE PULL BOXES, JUNCTION BOXES, CONDUIT ELBOWS AND OFFSETS TO SUIT FIELD CONDITIONS AND THE NATIONAL ELECTRICAL CODE.
- 16. CONTRACTOR SHALL COORDINATE WITH THE FIRE DEPARTMENT AND F.A. VENDOR BEFORE PROCEEDING WITH WORK INVOLVING FIRE ALARM SYSTEM.
- 17. ALL EMPTY CONDUIT SHALL BE PROVIDED WITH A DRAGWIRE.
- 18. THE MINIMUM WIRE SIZE FOR 120 VOLT BRANCH CIRCUITS SHALL BE NO. 12 AWG, EXCEPT OVER 100' IN LENGTH SHALL BE NO. 10 AWG.
- 19. PROVIDE ALL REQUIRED AND NECESSARY ACCESSORIES (EX. CONNECTORS, ADAPTERS, BUSHINGS, CLAMPS, ETC.) TO FACILITATE COMPLETE INSTALLATION.
- 20. THE ELECTRICAL CONTRACTOR SHALL CONFIRM THE CONFIGURATION TYPE FOR ALL SPECIAL RECEPTACLES FOR COPIERS, DATA PROCESSING EQUIPMENT, ETC. WITH OWNER AND ENGINEER PRIOR TO ORDERING.
- 21. COORDINATE LOCATION OF ALL MECHANICAL EQUIPMENT WITH HVAC CONTRACTOR IN FIELD. FUSES FOR ALL MOTOR LOADS SHALL BE DUAL ELEMENT TIME DELAY TYPE.
- 22. ALL JUNCTION OR OUTLET BOXES SHALL BE INSTALLED SO AS TO ALLOW ACCESS TO COVER. PROVIDE ARCHITECT APPROVED ACCESS DOORS OR PLATES AS REQUIRED IN AREAS WHERE UNOBSTRUCTED ACCESS TO BOX OR OUTLET IS NOT POSSIBLE.
- 23. PRIOR TO ORDERING LIGHTING FIXTURES, COORDINATE WITH ARCHITECTURAL DRAWINGS AND SPECIFICATIONS. IF DISCREPANCIES EXIST BETWEEN ARCHITECTURAL AND ENGINEERING INFORMATION OBTAIN CLARIFICATION PRIOR TO PROCEEDING.
- 24. MULTIPLE SWITCHES SHOWN IN SAME LOCATION SHALL BE GANGED TOGETHER WITH A COMMON FACEPLATE.
- 25. ALL EMERGENCY LIGHT FIXTURES DESIGNATED 'EM' SHALL BE SWITCHED. PROVIDE UNSWITCHED HOT LEG FOR BATTERY CHARGER REGARDLESS OF FUNCTION. ALL EMERGENCY LIGHT FIXTURES SHALL REVERT TO BATTERY OPERATION UPON INTERRUPTION OF NORMAL POWER AND ILLUMINATE REGARDLESS OF LIGHT SWITCH POSITION.

GENERAL REMOVAL NOTES

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

DISPOSAL OF MERCURY CONTAINING LAMPS

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

TEMPORARY ELECTRIC WORK FOR OFFICE TRAILERS – PROVIDE ELECTRIC POWER AND SIGNAL SYSTEM WORK TO SUPPORT THE TWO NEW TEMPORARY OFFICE TRAILERS AS SPECIFIED IN SECTION 015000 AND SECTION 015010 INCLUDING CONNECTIONS TO THE EXISTING BUILDING SYSTEMS AND REMOVE THIS WORK UPON COMPLETION OF THE PROJECT.

ABBREVIATIONS

ABBV.	DESCRIPTION
A	AMP/AMPERE
AC	AIR CONDITIONING UNIT
A.F.F.	ABOVE FINISHED FLOOR
AWG	AMERICAN WIRE GAUGE
C	CONDUIT
CKT	CIRCUIT
CU	CONDENSING UNIT
(E)	EXISTING TO REMAIN
E.C.	ELECTRICAL CONTRACTOR
EF	EXHAUST FAN
EG	EQUIPMENT GROUND
EM	EMERGENCY
(ER)	EXISTING RELOCATED
EXIST.	EXISTING
FA	FIRE ALARM
F.A.C.P.	FIRE ALARM CONTROL PANEL
G.GRD	GROUND
GFI	GROUND FAULT INTERRUPTER
HVAC	HEATING, VENTILATING AND AIR-CONDITIONING UNIT
HWH	HOT WATER HEATER
KVA	KILOVOLT AMPERE
KW	KILOWATT
LTG	LIGHTING
MCB	MAIN CIRCUIT BREAKER
MDP	MAIN DISTRIBUTION PANEL
MLO	MAIN LUGS ONLY
N	NEUTRAL
NTS	NOT TO SCALE
PNL	PANEL
(R)	REMOVE EXISTING
(RN)	REPLACE EXISTING W/NEW
(RR)	REMOVED, SALVAGED AND RELOCATED
TYP.	TYPICAL
WP	WEATHERPROOF

LEGEND

	1'x8' LED PENDENT/CEILING MOUNTED LIGHT FIXTURE, UPPER CASE LETTER DENOTES TYPE, LOWER CASE LETTER DENOTES SWITCH CONTROL. FIXTURE SCHEDULE DENOTES TYPE.
	1'x8' LED PENDENT/CEILING MOUNTED LIGHT FIXTURE FOR EMERGENCY OPERATION. 'EM' INDICATES SWITCHED EMERGENCY FIXTURE (TYP.).
	2'x2' LED FIXTURE. CAPITAL LETTER INDICATES TYPE, LOWER CASE LETTER INDICATES SWITCH CONTROL. FIXTURE SCHEDULE DENOTES TYPE.
	2'x2' LED LIGHT FIXTURE FOR EMERGENCY OPERATION WITH INTEGRAL BATTERY BACK-UP, TEST BUTTON.
	FLUSH WALL MOUNTED LIGHTING CONTROL SWITCH.
	CEILING MOUNTED DUAL TECHNOLOGY SENSOR, SIMILAR TO WATTSTOPPER MODEL# DT-300, MANUAL ON, AUTO OFF, WORK WITH LOCAL WALL SWITCH.
	HOMERUN TO DESIGNATED PANEL, ARROWHEAD INDICATES SINGLE POLE CIRCUIT. HOMERUN SHALL CONSIST OF 2#12-3/4" U.O.N.
	125V-2P-3W-20A GROUNDED TYPE, SPECIFICATION GRADE WALL MOUNTED DUPLEX RECEPTACLE HUBBELL #5362.
	125V-2P-3W-20A GROUNDED TYPE, SPECIFICATION GRADE WALL MOUNTED QUAD RECEPTACLE HUBBELL #5362.
	20A FLUSH WALL MOUNTED GROUND FAULT INTERRUPTING TYPE DUPLEX RECEPTACLE HUBBELL #GF5362.
	SPECIAL PURPOSE 208V-2ø-4P WALL MOUNTED RECEPTACLE FOR KITCHEN EQUIPMENT. COORDINATE EXACT CONFIGURATION WITH EQUIPMENT.
	FLUSH WALL MOUNTED COMBINATION TELEPHONE/DATA OUTLET CONSISTING OF A COVER PLATE WITH 1" GROMMETED OPENING AND 1 1/4" EMPTY CONDUIT WITH DRAG LINE STUBBED UP 6" ABOVE CEILING.
	WALL MOUNTED CARBON MONOXIDE STROBE LIGHT, WHICH SHALL ILLUMINATE BLUE. INCLUDE CONTROL MODULE RELAY TO INTERFACE WITH CARBON MONOXIDE DETECTOR. PROVIDE SIGNAGE BELOW DEVICE STATING "CARBON MONOXIDE NOTIFICATION".
	WALL MOUNTED COMBINATION FIRE ALARM HORN/STROBE DEVICE.
	CEILING MOUNTED IONIZATION TYPE SMOKE DETECTOR
	CEILING MOUNTED HEAT DETECTOR
	CEILING OR WALL MOUNTED CARBON MONOXIDE DETECTOR WITH SOUNDER BASE.
	WALL MOUNTED FIRE ALARM MANUAL PULL STATION
	CEILING MOUNTED HEAT DETECTOR
	CEILING OR WALL MOUNTED GAS LEAK DETECTOR
	WALL MOUNTED FIRE ALARM STROBE LIGHT.
	SPRINKLER TAMPER SWITCH.
	FIRE ALARM CONTROL PANEL.
	'CALL FOR AID' PULL CORD. CORNEL SERIES 4000 MODEL #104-1. MOUNTED AT 48" AFF
	'CALL FOR AID' DOME/INDICATOR LIGHT AND ANNUCIATOR. CORNEL SERIES 4000 MODEL #LS-101S
	MOTOR (F.B.O. WIRED BY ELEC.) – NUMBER INDICATES HORSEPOWER. REFER TO PANEL SCHEDULES FOR WIRING AND OVER CURRENT PROTECTION.
	HEAVY DUTY TYPE DISCONNECT SWITCH WITH FINAL FLEXIBLE EQUIPMENT CONNECTION. 240 INDICATES VOLTAGE, 3 INDICATES NO. OF POLES, 60 INDICATES AMPERE RATING, NF INDICATES NON-FUSED(OR FUSE SIZE) U.O.N. REFER TO SPECIFICATION AND DRAWINGS FOR ENCLOSURE. 'WP' WHERE USED INDICATES WEATHERPROOF ENCLOSURE (NEMA 3R).
	MECHANICAL EQUIPMENT IDENTIFICATION: — EQUIPMENT ABBREVIATION (FE, SF, HV, ETC. SEE ABBREVIATIONS ON THIS DWG.) — EQUIPMENT NUMBER
	DETAIL/PART PLAN NUMBER IDENTIFICATION: — DETAIL/PART PLAN NUMBER — DRAWING NUMBER

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COUNTY COMMENTS

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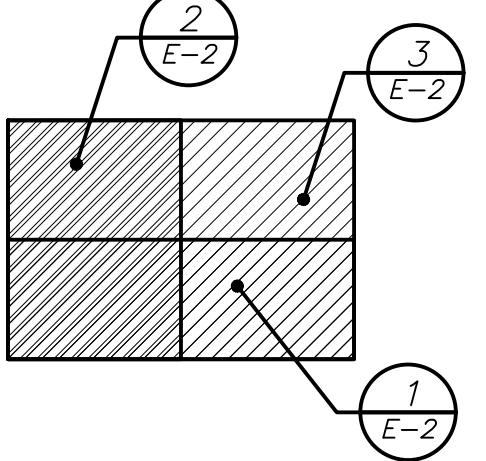
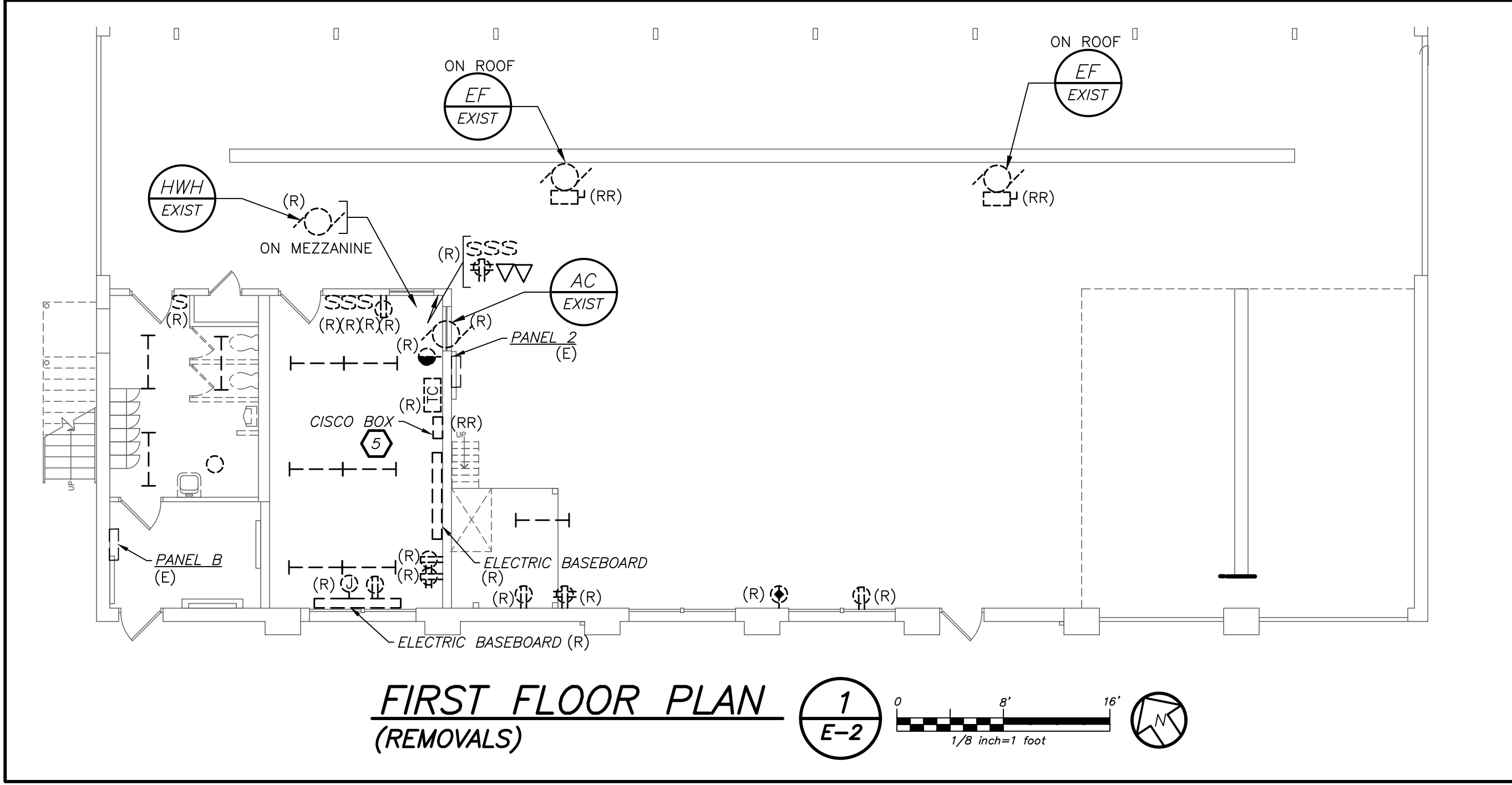
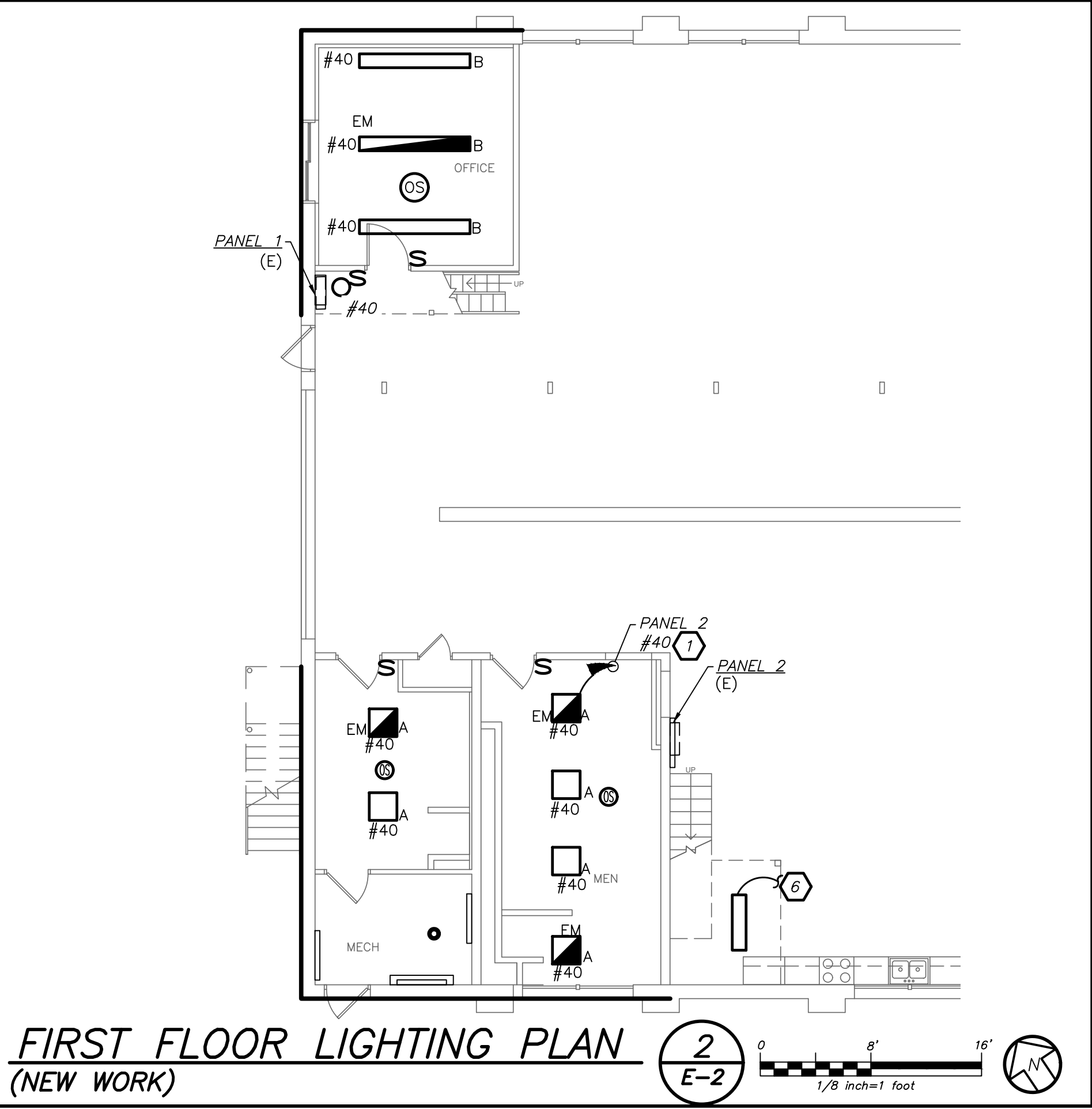
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CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
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TITLE		TITLE	

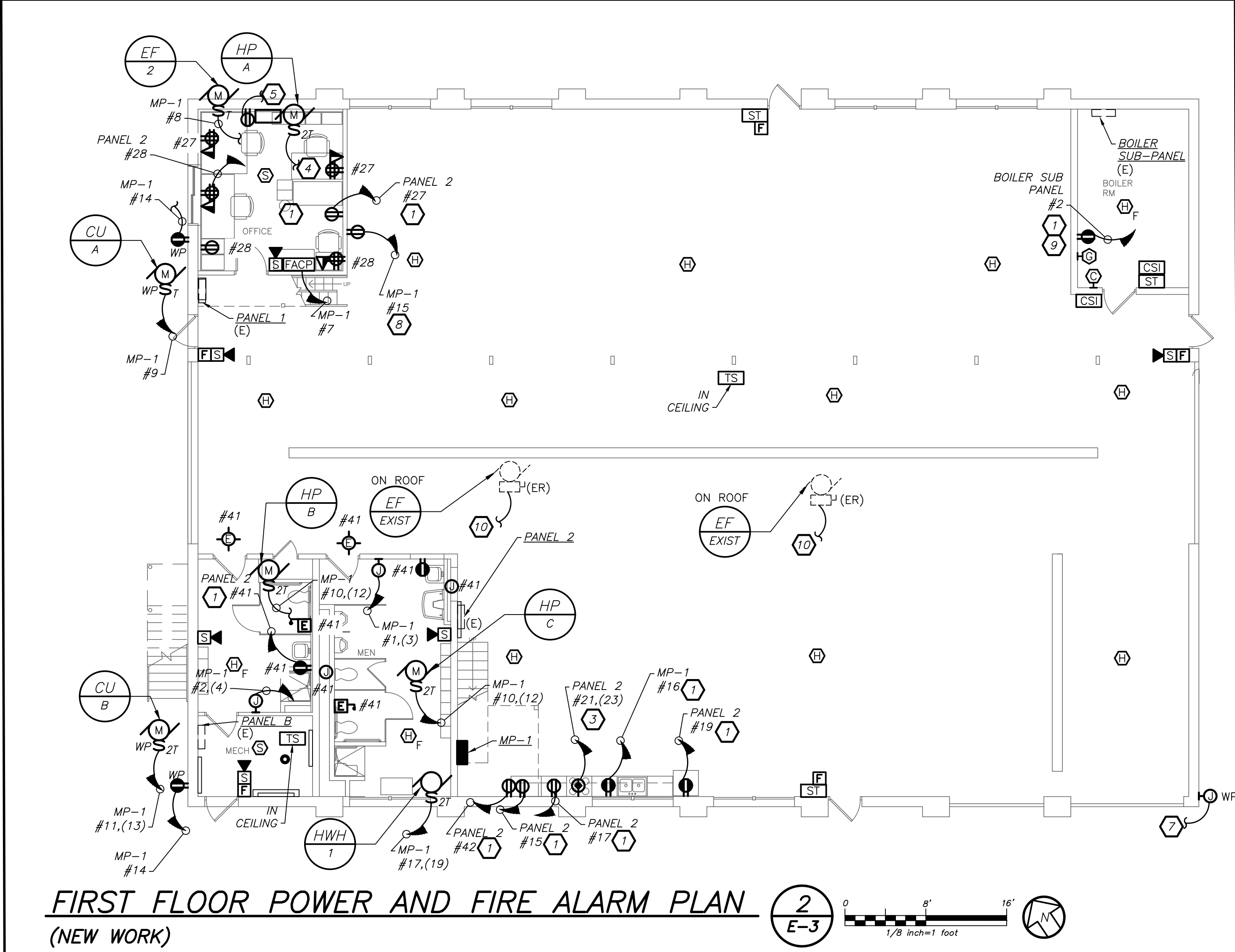
WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	SHEET NUMBER
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		18-516	E-1
DIVISION OF ENGINEERING		SHEET NO. 12 OF 16	

BUILDING RENOVATION YORKTOWN MAINTENANCE GARAGE ABBREVIATIONS, LEGEND, GENERAL NOTES		SCALE: N.T.S DATE: 3/17/21	DPW FILE NO. 61-15-E-60-0	REV. NO.
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- WORK NOTES:**
- CIRCUIT NUMBER FOR CONTRACTOR GUIDANCE ONLY. WIRE TO CIRCUIT MADE SPARE BY DEMO WORK. PROVIDE 2#12+1#12G IN 3/4" CONDUIT AND 1P-20AMP CIRCUIT BREAKER.
 - CIRCUIT NUMBER FOR CONTRACTOR GUIDANCE ONLY. WIRE TO CIRCUIT MADE SPARE BY DEMO WORK. PROVIDE 2#12+1#12G IN 3/4" CONDUIT AND 2P-20AMP CIRCUIT BREAKER.
 - CIRCUIT NUMBER FOR CONTRACTOR GUIDANCE ONLY. WIRE TO CIRCUIT MADE SPARE BY DEMO WORK. PROVIDE 2#10+1#10G IN 3/4" CONDUIT PROVIDE 2P-30A BREAKER AT PANEL...
 - PROVIDE 2#12+1#12G IN 3/4 CONDUIT TO CONDENSING UNIT: CU-A.
 - RELOCATED EXISTING CISCO BOX TO NEW LOCATION. EXTEND ALL CONTROL WIRING AS NECESSARY. PROVIDE 2#12+1#12G IN 3/4" CONDUIT TO CIRCUIT MADE SPARE BY DEMO WORK.
 - WIRE LIGHT FIXTURE TO LOCAL LIGHTING CIRCUIT AND CONTROLS.
 - PROVIDE 3/4" EMPTY CONDUIT WITH DRAGWIRE TO PANEL MP-1 FOR FUTURE SEWAGE EJECTOR PUMP. COORDINATE EXACT LOCATION WITH OWNER BEFORE THE START OF ANY WORK.
 - INSTALL RECEPTACLE 48" ABOVE FINISHED FLOOR.
 - COORDINATE LOCATION OF RECEPTACLE WITH GAS DETECTOR.
 - DISCONNECT AND RECONNECT POWER TO EXISTING ROOF EXHAUST FANS ATS REQUIRED FOR RAISING THE FAN.



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BARILE GALLAGHER AND ASSOCIATES CONSULTANT ENGINEERS, PC 39 MARBLE AVENUE PLEASANTVILLE, NY 10570	

REVISION				
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AS BUILT -- CHANGES AS NOTED
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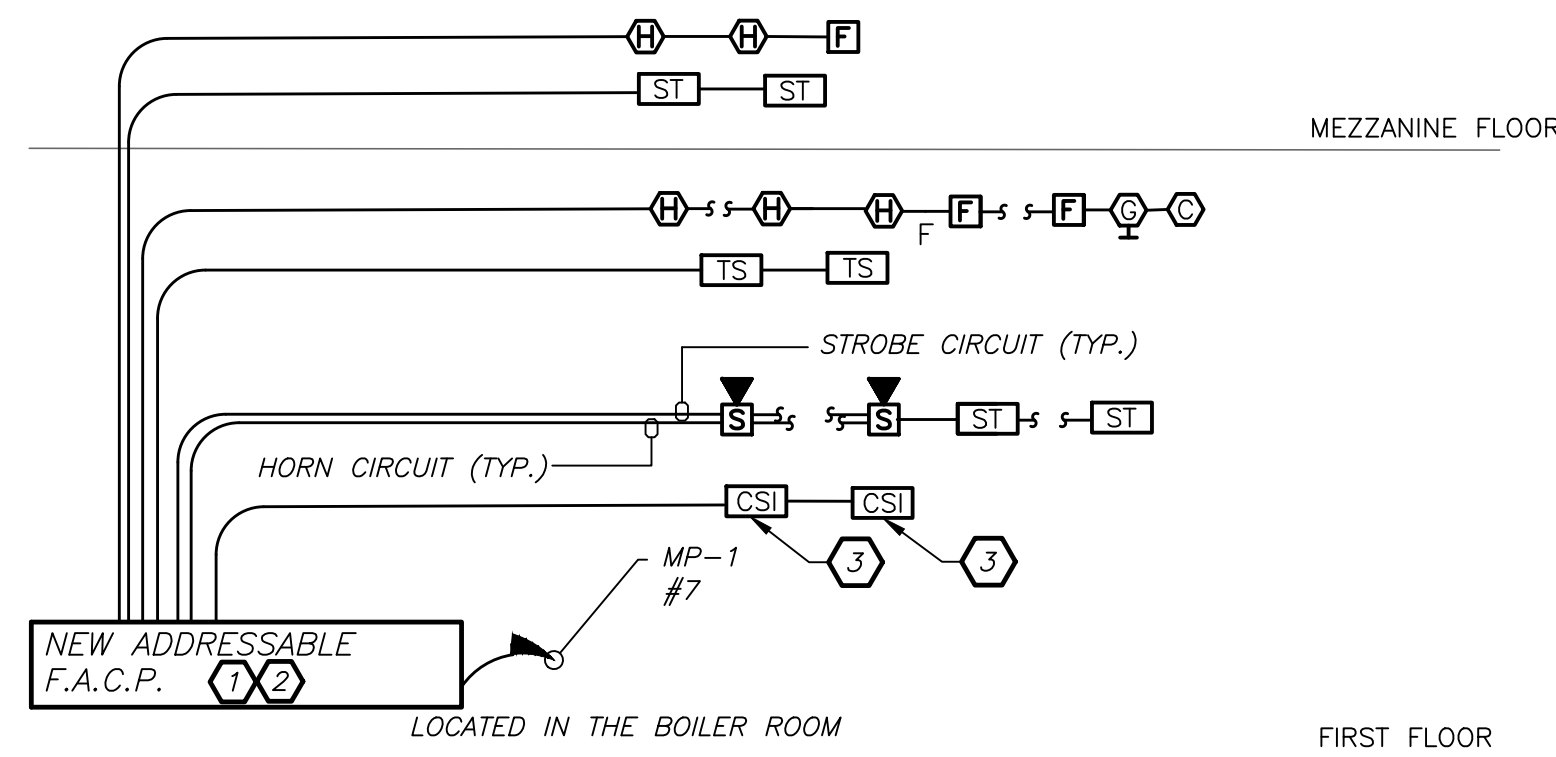
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TITLE _____	DATE _____	TITLE _____	DATE _____

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

BUILDING RENOVATION
YORKTOWN MAINTENANCE GARAGE
FIRST FLOOR ELECTRICAL REMOVALS, LIGHTING, POWER,
AND FIRE ALARM PLAN

CONTRACT NUMBER 18-516	SHEET NUMBER E-2
SHEET NO. 13 OF 16	
SCALE: 1/8"=1'0"	
DATE: 3/17/21	
DPW FILE NO.	REV. NO.
61-15-E-61-0	





FIRE ALARM RISER GENERAL NOTES:

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

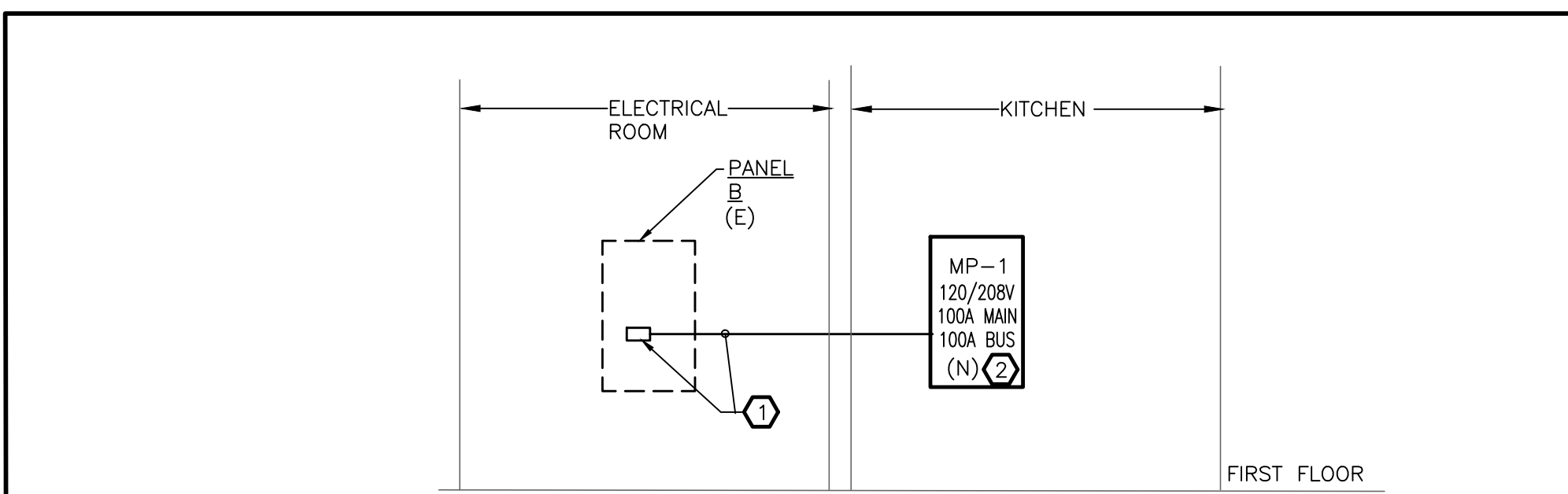
FIRE ALARM RISER WORK NOTES:

- CONTRACTOR TO REPLACE EXISTING FIRE ALARM SYSTEM WITH NEW HEAD END. NEW FIRE ALARM CONTROL PANEL (F.A.C.P.) SHALL REPLACE EXISTING SIEMENS IN BOILER ROOM.
- ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL (2) DEDICATED TELEPHONE LINES TO FIRE ALARM CONTROL PANEL FROM MAIN TELEPHONE CLOSET AS REQUIRED.
- PROVIDE CARBON MONOXIDE DETECTOR STROBE LIGHT, WHICH SHALL ILLUMINATE BLUE. PROVIDE CONTROL MODULE SIGNAL RELAY TO INTERFACE WITH DETECTOR. PROVIDE SIGNAGE BELOW DEVICE STATING "CARBON MONOXIDE NOTIFICATION".

FIRE ALARM RISER DIAGRAM (5) E-3 N.T.S.

(NEW) ELECTRICAL PANEL SCHEDULE															
PANEL		MOUNTING		MAIN LUGS ONLY		MAIN C BKR-		GROUND BUS:		ISOLATED GROUND BUS:		TVSS:			
FNL: MP-1		SURFACE X		DOUBLE LUGS		100A/3P		100A/3P		100 A		NUMBER OF POLES: 42			
208Y/120, 3 PHASE, 4 WIRE		(NEMA 1) FLUSH		FEED THRU LUG		MAIN BUS -									
22, 000MIN A.I.C. SYM		IN MCC		SHUNT TRIP MAIN		100 A									
NEUTRAL: 100%															
CKT No.	TRIP (AMP)	LOAD	WIRE (IN.)	CND. (IN.)	KVA / PHASE	A	B	C	KVA / PHASE	A	B	C	LOAD (AMP)	TRIP (AMP)	CKT No.
1	20	HAND DRYER	2#12+1#12G	3/4	1.50				1.50				HAND DRYER	20	2
3	20	SEWAGE EJECTOR	-	3/4	1.50				1.50				EXT. RECEPT	20	6
5	20	FACP	2#12+1#12G	3/4	1.80				0.21	0.18	3/4	2#12+1#12G	EF-1,2	20	8
9	30	CU-A	2#10+1#10G	3/4	2.04				0.09	0.09	3/4	2#12+1#12G	HP-B,C	2	10
11	2	CU-B	2#8+1#10G	3/4	2.60				0.36	0.36	3/4	2#12+1#12G	EXT. RECEPT	20	12
13	35		-	-	2.60								EXT. RECEPT	20	14
15	20	GARAGE RECEPT	2#12+1#12G	3/4	0.18				0.18	0.18	3/5	2#12+1#12G	KITCHEN	20	16
17	2	HWP-1	2#10+1#10G	3/4	2.25								SPARE	20	18
19	30		-	-	2.25								SPARE	20	20
21	20	SPARE	-	-	-								SPARE	20	22
23	20	SPARE	-	-	-								SPARE	20	24
25	20	SPARE	-	-	-								SPARE	20	26
27	20	SPARE	-	-	-								SPARE	20	28
29	20	SPARE	-	-	-								SPARE	20	30
31	20	SPARE	-	-	-								SPARE	20	32
33	20	SPARE	-	-	-								SPARE	20	34
35	20	SPARE	-	-	-								SPARE	20	36
37	20	SPARE	-	-	-								SPARE	20	38
39	20	SPARE	-	-	-								SPARE	20	40
41	20	SPARE	-	-	-								SPARE	20	42
SUBTOTALS					8.15	3.72	4.85		2.07	1.77	1.08		SUBTOTALS		
TOTAL LOADS					10.2	KVA	PHASE A		LIGHTING:			0.00	KVA		
					5.5	KVA	PHASE B		RECEPTACLE:			0.90	KVA		
					5.9	KVA	PHASE C		KITCHEN:			0.00	KVA		
TOTAL CONN. LOAD					21.6	KVA	60.0	A	MOTOR:			10.24	KVA		
TOTAL DEMAND LOAD					21.6	KVA	60.0	A	POWER:			10.50	KVA		
								TOTAL:			21.64	KVA			

* PROVIDE SPACE IN PANEL FOR FUTURE SEWAGE EJECTOR. FUTURE ELECTRICIAN SHALL COORDINATE THE WIRE SIZE AND BREAKER SIZE FOR PUMP BEFORE THE START OF ANY WORK.



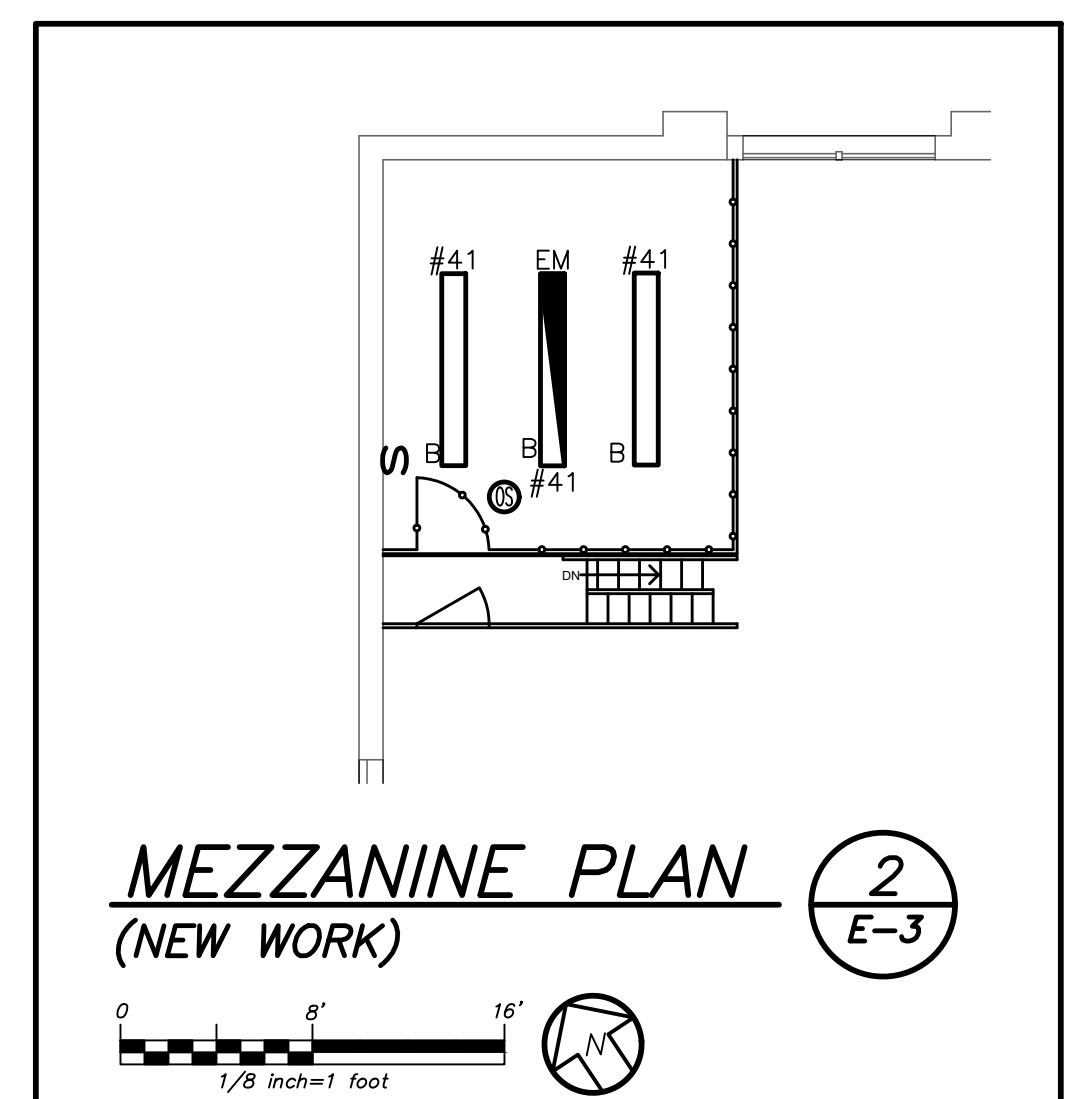
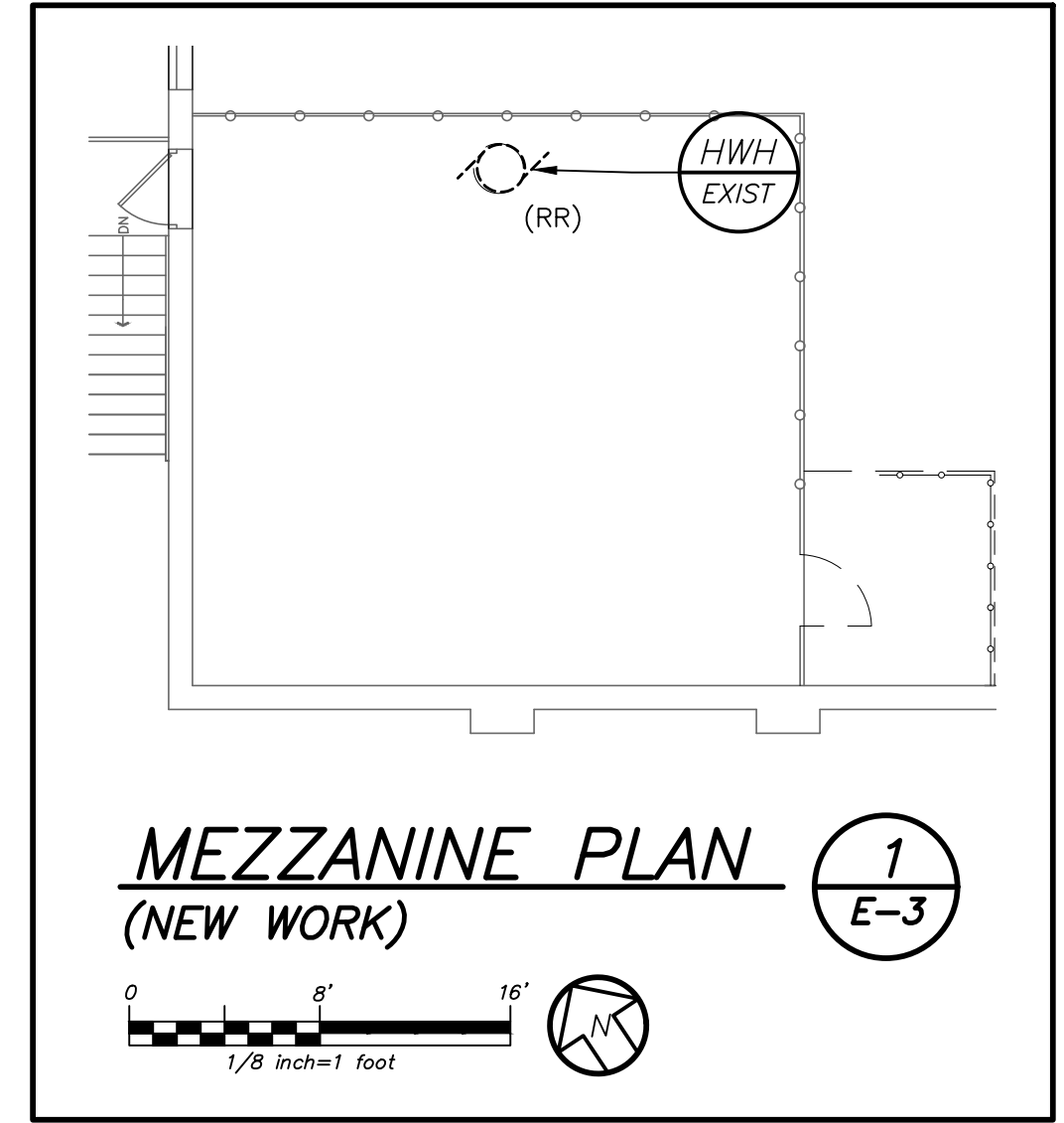
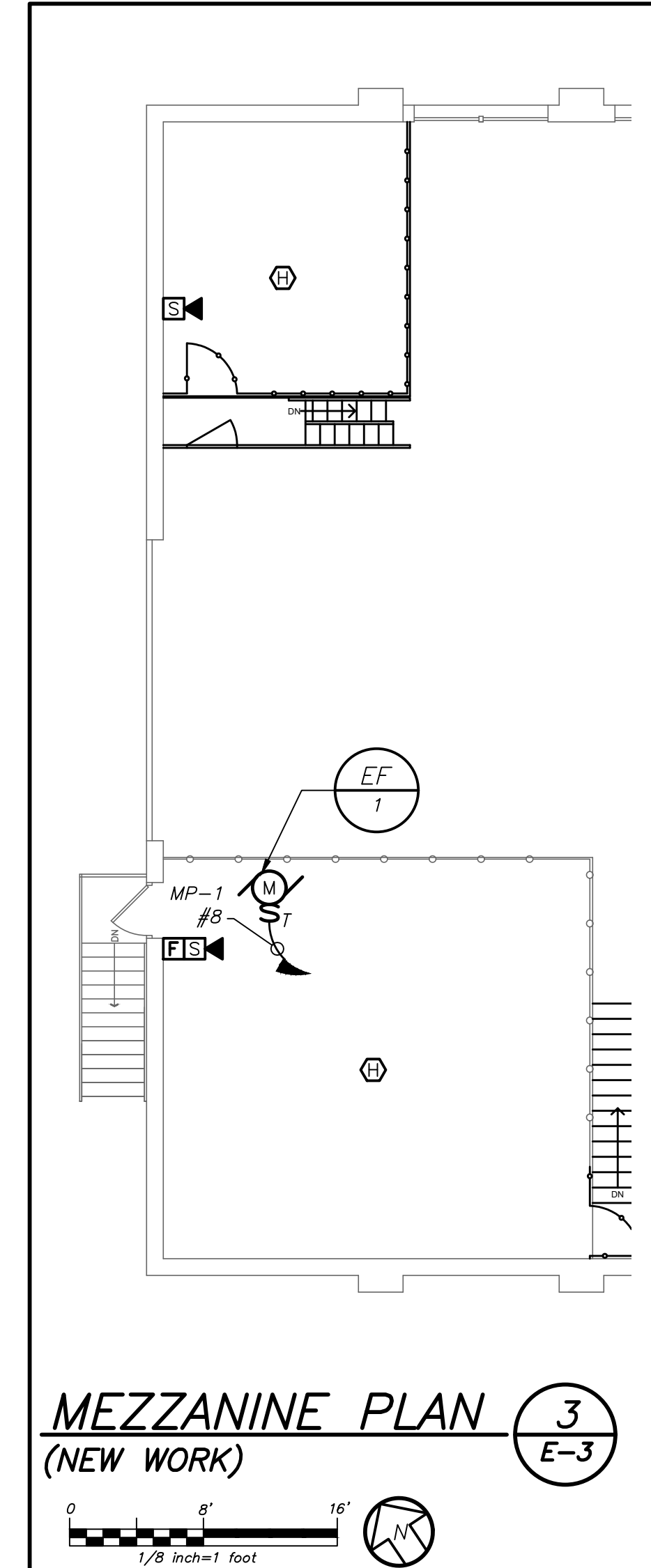
POWER RISER NOTES:

- PROVIDE 3P-100AMP FUSES IN AVAILABLE SPACE WITH 4#2+1#8GRD IN 1-1/2" CONDUIT TO NEW PANELBOARD "MP-2".
- PROVIDE NEW 120/208V RATED PANELBOARD. REFER TO PANEL SCHEDULE FOR PANEL SIZE, TYPE AND CIRCUIT BREAKER ARRANGEMENT.

PARTIAL POWER RISER DIAGRAM (4) E-3 N.T.S.

LIGHTING FIXTURE SCHEDULE

TYPE	MOUNTING	LAMPS	DESCRIPTION	MANUFACTURER & CAT.#
A	SURFACE MOUNTED	28W LED UNV	2'x2' RECESSED MOUNTED LED FIXTURE. 3000 LUMENS. 3500K COLOR.	MANUFACTURER: PHILIPS DAYBRITE CAT #2-SML-30L-835-2-FA-02F-UNV-DIM
EM A	SURFACE MOUNTED	28W LED UNV	SAME AS FIXTURE "A" WITH INTEGRAL BATTERY PACK.	MANUFACTURER: PHILIPS DAYBRITE CAT #2-SML-30L-835-2-FA-02F-UNV-DIM EMLD
B	PENDENT MOUNTED	53W LED UNV	1'x8' PENDENT MOUNTED LED FIXTURE. 8000 LUMENS 3500K COLOR TEMPERATURE.	MANUFACTURER: PHILIPS DAYBRITE CAT #LBX-80L-835-UNV-HANGER BKT
EM B	PENDENT MOUNTED	53W LED UNV	SAME AS FIXTURE "B" WITH INTEGRAL BATTERY PACK.	MANUFACTURER: PHILIPS DAYBRITE CAT #LBX-80L-835-UNV-HANGER BKT -EMLD
C	PENDENT MOUNTED	31W LED UNV	1'x4' PENDENT MOUNTED LED FIXTURE. 4000 LUMENS 3500K COLOR TEMPERATURE.	MANUFACTURER: PHILIPS DAYBRITE CAT #LBX-40L-835-UNV-HANGER BKT



LA ROCCA GREEN ARCHITECTS, LLC 22 PURCHASE STREET RYE, NEW YORK 10508	GROSSFIELD MARCI STRUCTURAL ENGINEERS 75 SMITH AVENUE MT. KISCO, NY 10547
BARILE GALLAGHER AND ASSOCIATES CONSULTANT ENGINEERS, PC 39 MARBLE AVENUE PLEASANTVILLE, NY 10570	

COUNTY COMMENTS

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

AS BUILT - CHANGES AS NOTED
AS BUILT - NO CHANGES

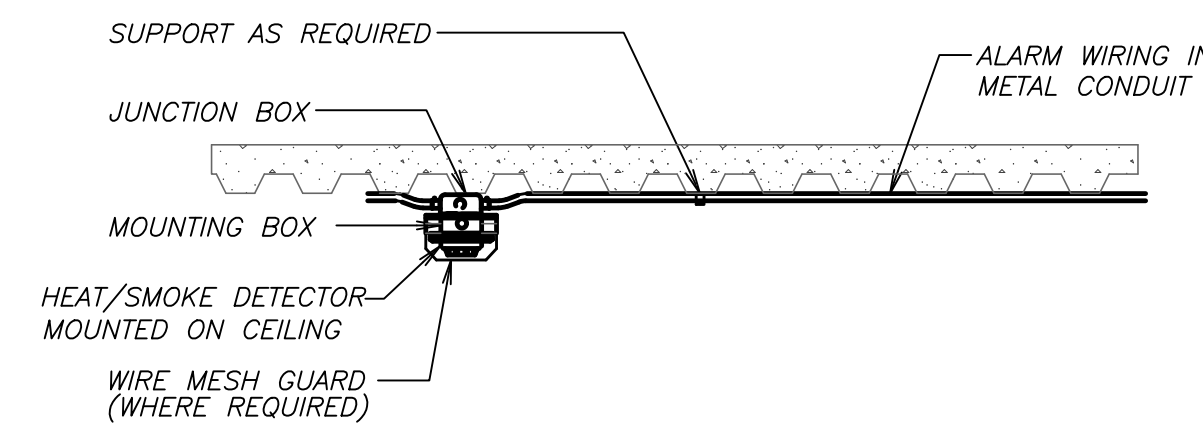
CONTRACTOR		PROJECT COORDINATOR	
NAME	SIGNATURE	NAME	SIGNATURE
TITLE	DATE	TITLE	DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

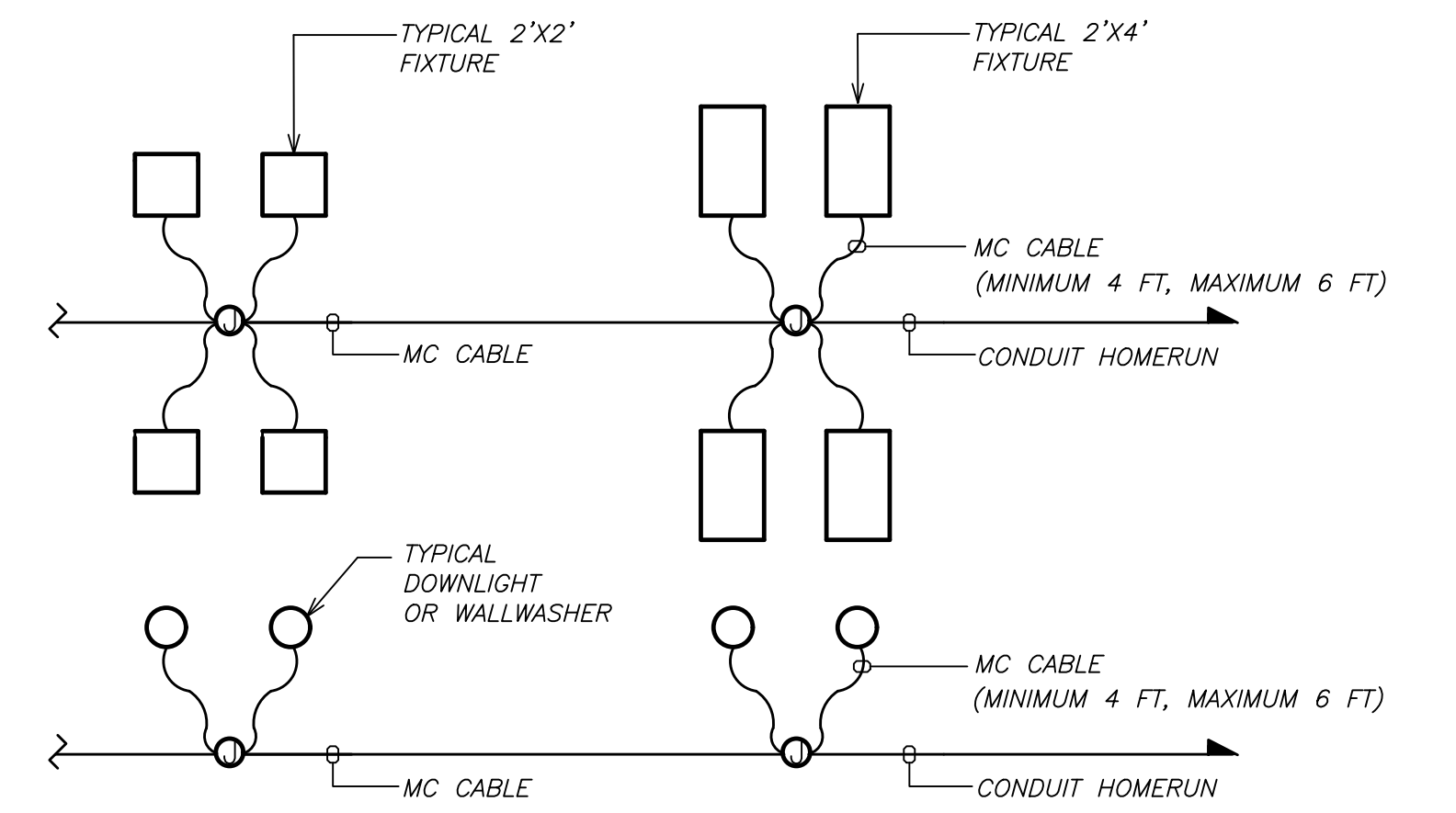
BUILDING RENOVATION
YORKTOWN MAINTENANCE GARAGE
MEZZANINE ELECTRICAL LIGHTING, POWER, AND FIRE ALARM
PLANS, RISER DIAGRAM, PANEL & FIXTURE SCHEDULES

CONTRACT NUMBER	SHEET NUMBER
18-516	E-3
SHEET NO. 14 OF 16	SCALE: AS NOTED
DATE: 3/17/21	DPW FILE NO.
61-15-E-62-0	REV. NO.

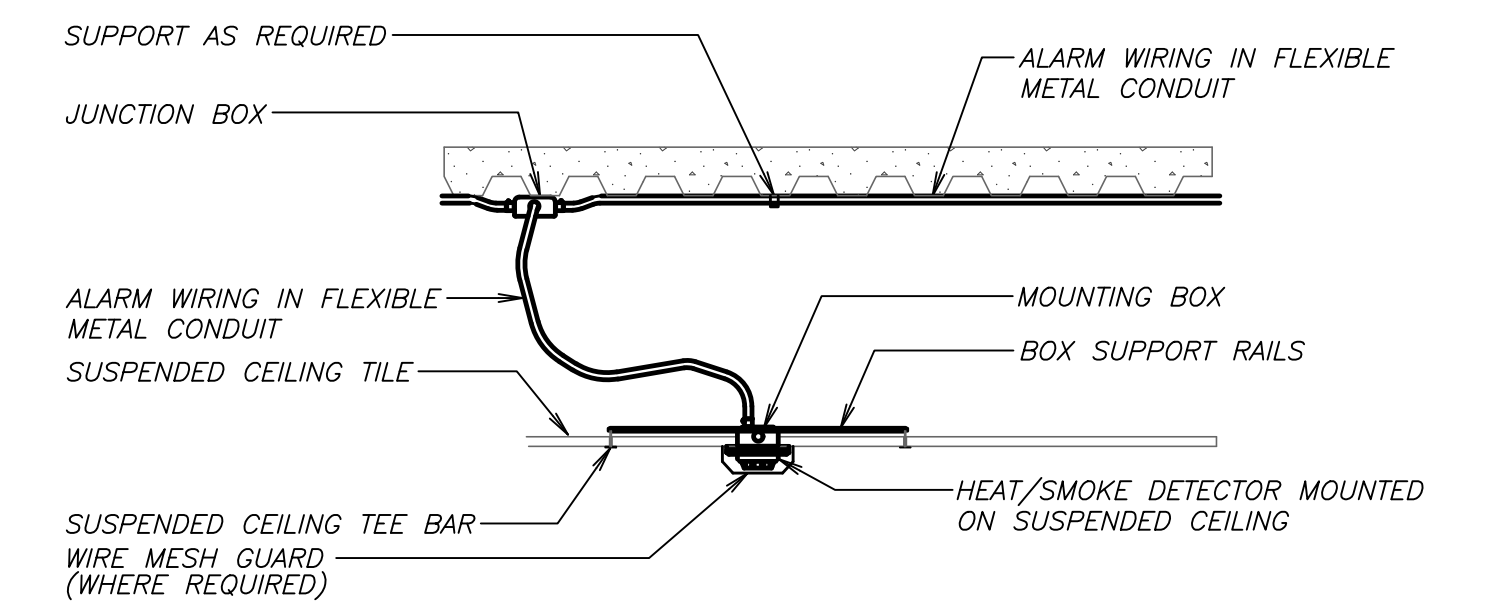




TYPICAL HEAT/SMOKE DETECTOR MOUNTING DETAIL (HARD CEILING) 3 / E-4 N.T.S.



TYPICAL LIGHTING FIXTURE CIRCUITING DETAIL 1 / E-4 N.T.S.



TYPICAL HEAT/SMOKE DETECTOR MOUNTING DETAIL (SUSPENDED CEILING) 2 / E-4 N.T.S.

LA ROCCA GREEN ARCHITECTS, LLC 22 PURCHASE STREET RYE, NEW YORK 10508	GROSSFIELD MARCI STRUCTURAL ENGINEERS 75 SMITH AVENUE MT. KISCO, NY 10547
BARILE GALLAGHER AND ASSOCIATES CONSULTANT ENGINEERS, PC 39 MARBLE AVENUE PLEASANTVILLE, NY 10570	

COUNTY COMMENTS				
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

AS BUILT - CHANGES AS NOTED
 AS BUILT - NO CHANGES

CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	TITLE _____	TITLE _____

WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER 18-516	SHEET NUMBER E-4
BUILDING RENOVATION YORKTOWN MAINTENANCE GARAGE ELECTRICAL DETAILS		SHEET NO. 15 OF 16 SCALE: N.T.S. DATE: 3/17/21	REV. NO. 61-15-E-63-0



COMcheck Software Version 4.1.1.0
Interior Lighting Compliance Certificate

Project Information

Energy Code: 2012 IECC
 Project Title: Alteration to Maintenance Garage
 Project Type: Alteration

Construction Site: 380 Crompond Road, Yorktown Heights, NY 10598
 Owner/Agent: Westchester County DPW
 Designer/Contractor:

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft ²)	C Allowed Watts / ft ²	D Allowed Watts (B X C)
1-Common Space Types:Office - Enclosed	336	1.10	370
2-Common Space Types:Storage	336	0.80	269
3-Common Space Types:Restroom	646	1.00	646
Total Allowed Watts =			1284

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
Common Space Types:Office - Enclosed (336 sq.ft.) B: B: 1'x8' LED Linear 33W	1	3	53	159
Common Space Types:Storage (336 sq.ft.) B: B: 1'x8' LED Linear 33W	1	3	53	159
Common Space Types:Restroom (646 sq.ft.) A: A: 2'X2' LED Linear 22W	1	6	28	168
Total Proposed Watts =				486

Interior Lighting PASSES

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2012 IECC requirements in COMcheck Version 4.1.1.0 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

PAUL GALLAGHER - PRINCIPAL
 Name - Title Signature Date 6/9/20

Project Title: Alteration to Maintenance Garage Report date: 06/08/20
 Data filename: Y:\WC - Yorktown Maintenance Garage Renovations (1752.00)\Letters\20-06-08 Yorktown Maintenance Comp Check.cck Page 1 of 13

COMcheck Software Version 4.1.1.0
Exterior Lighting Compliance Certificate

Project Information

Energy Code: 2012 IECC
 Project Title: Alteration to Maintenance Garage
 Project Type: Alteration
 Exterior Lighting Zone: 4 (High activity metropolitan commercial district)

Construction Site: 380 Crompond Road, Yorktown Heights, NY 10598
 Owner/Agent: Westchester County DPW
 Designer/Contractor:

Allowed Exterior Lighting Power

A Area/Surface Category	B Quantity	C Allowed Watts / Unit	D Tradable Wattage	E Allowed Watts (B X C)
Total Tradable Watts (a) =				0
Total Allowed Watts =				0
Total Allowed Supplemental Watts (B) =				1300

(a) Wattage tradeoffs are only allowed between tradable areas/surfaces.
 (b) A supplemental allowance equal to 1300 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.

Proposed Exterior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
Exterior / Driveway 1 ft ² : Exempt: Non-tradable Wattage	Total Tradable Proposed Watts = 0			

Exterior Lighting PASSES

Exterior Lighting Compliance Statement

Compliance Statement: The proposed exterior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed exterior lighting systems have been designed to meet the 2012 IECC requirements in COMcheck Version 4.1.1.0 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

PAUL GALLAGHER - PRINCIPAL
 Name - Title Signature Date 6/9/20

Project Title: Alteration to Maintenance Garage Report date: 06/08/20
 Data filename: Y:\WC - Yorktown Maintenance Garage Renovations (1752.00)\Letters\20-06-08 Yorktown Maintenance Comp Check.cck Page 2 of 13

COMcheck Software Version 4.1.1.0
Mechanical Compliance Certificate

Project Information

Energy Code: 2012 IECC
 Project Title: Alteration to Maintenance Garage
 Location: Yorktown Heights, New York
 Climate Zone: 4a
 Project Type: Alteration

Construction Site: 380 Crompond Road, Yorktown Heights, NY 10598
 Owner/Agent: Westchester County DPW
 Designer/Contractor:

Mechanical Systems List

Quantity System Type & Description

1 CU-A (Single Zone):
 Split System Heat Pump
 Heating Mode: Capacity = 19 kBtu/h, Proposed Efficiency = 10.80 HSPF, Required Efficiency = 7.70 HSPF
 Cooling Mode: Capacity = 18 kBtu/h, Proposed Efficiency = 17.00 SEER, Required Efficiency = 13.00 SEER
 Fan System: OFFICE | OFFICE - Compliance (Motor nameplate HP method) : Passes

Fans:
 HPA Supply, Constant Volume, 300 CFM, 1.0 motor nameplate hp
 EF2 Exhaust, Constant Volume, 75 CFM, 0.1 motor nameplate hp

1 CU-B (Single Zone):
 Split System Heat Pump
 Heating Mode: Capacity = 23 kBtu/h, Proposed Efficiency = 8.80 HSPF, Required Efficiency = 7.70 HSPF
 Cooling Mode: Capacity = 24 kBtu/h, Proposed Efficiency = 23.00 SEER, Required Efficiency = 13.00 SEER
 Fan System: None

Mechanical Compliance Statement

Compliance Statement: The proposed mechanical alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed mechanical systems have been designed to meet the 2012 IECC requirements in COMcheck Version 4.1.1.0 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

PAUL GALLAGHER - PRINCIPAL
 Name - Title Signature Date 6/9/20

Project Title: Alteration to Maintenance Garage Report date: 06/08/20
 Data filename: Y:\WC - Yorktown Maintenance Garage Renovations (1752.00)\Letters\20-06-08 Yorktown Maintenance Comp Check.cck Page 3 of 13

**YORKTOWN MAINTENANCE GARAGE BUILDING RENOVATION
 BUILDING CODE SUMMARY AND ENERGY COMPLIANCE STATEMENT**

A. GENERAL

- NYS Building Code; NYS Existing Building Code; IBC 2015
- Existing Building Area - 1 floor / 7000 SF plus mezzanines 600 SF
- Proposed space changes:
 - Office relocated into existing garage area 300 SF
 - New Mezzanine storage above office 300 SF
 - New Men's Toilet / Locker rooms in existing office 300 SF
 - Existing Men's toilet / locker room convert to Women's 200 SF
- Proposed renovations with code requirements
 - Extend existing fire alarm system to relocated Office and Storage
 - Extend existing fire sprinkler system to relocated Office
 - Replacement windows (energy code compliant)
 - Accessibility for toilet room / locker rooms

B. OCCUPANCY CLASSIFICATION (311.2)

- Moderate - Hazard Storage Group S-1
 Motor vehicle repair garages complying with maximum allowable quantities of hazardous materials listed in Table .07.1 (1)
- Accessory Occupancies (508.2) office (B occupancy) toilet / locker rooms, boiler room, storage.
- No separation required between accessory/ main occupancies(508.2.4)
- Incidental Uses (509) none

C. CONSTRUCTION TYPE (602)

- Type II B - non-combustible exterior and interior bearing walls (601)
 - Roof construction is non-combustible

D. ALLOWABLE HEIGHT AND FIRE ALARM (504)

- Two stories permitted (existing is 1 story)
- 70,000 SF area max (existing is 7,000 SF)

E. MEANS OF EGRESS (1003)

- Design Occupant load - 7,000SF/500SF/occ = 14 (1004.1.2)
- Spaces with one exit (table 1006.2.1) max occupant load of 29 one exit permitted with maximum travel distance of 100' (sprinklered) - The garage has four exit doors well-separated.
- Mezzanine storage egress (505.2.2) - One exit permitted; stairs at new mezzanine shall be non-combustible
- Path of travel office exit through garage permitted

F. MEZZANINES (505)

- Considered a portion of the story below (505.2)
- Clear height above and below floor construction not less than 7 feet (505.2)
- Area is not greater than one-half of the floor areas (505.2.1) exception 2)
- Area must be open to room below with wall not more than 42 inches

G. CEILING HEIGHT

- Ceiling height above and below floor construction not less than 7 feet (505.2)
- Toilet rooms, storage rooms - min 7' (1208.2)
- Offices (occupiable space) - min 7'-6" (1208.2)

H. ACCESSIBILITY

- Access to all primary functions - all located on ground floor
- Toilet rooms/locker rooms shall have one accessible lavatory, water closet and shower.
- Doors of office, toilet / lockers rooms shall be 36" wide with required approach clearance.

I. ALTERATION LEVELS

- Level 1 - replacement materials or equipment
- Level 2 - reconfigured space (office), changes to windows or doors
- Level 3 - new mezzanine storage and stair
- Repair - replacing damaged materials or equipment
- "Work Area" defined as "Reconfigured and new (office, mezzanine, toilet/lockers) spaces"; area is 1000SF/14% (less than 50% of total area)

J. HEAT, LIGHT, VENTILATION

- Office and toilet/locker rooms shall have artificial light, heat and ventilation. (Office will also have a window for daylight)

K. PLUMBING

- Piping and fixture shall comply with Plumbing Code. Exiting water heater will be relocated.

L. TOILET ROOM REQUIREMENTS


- Floor and wall finishes, toilet partitions, showers shall be accessible as per Section 1210

L. ENERGY

- New roof and replacement windows shall meet requirements of Section 13 and NYS Energy Code. Roof will be replaced with increased insulation R30 (continuous). New windows will be thermal break construction with insulated glazing with U 0.30 And SHGC 0.27
- Office and toilet / locker rooms shall meet lighting, heat, ventilation requirements of NYS Energy Code as per Comcheck Certificate.

M. OTHER

- Oil separator is existing (new separator will be provided in the Phase Two Site Improvements Project)

	LA ROCCA GREEN ARCHITECTS, LLC 22 PURCHASE STREET RYE, NEW YORK 10508	
	BARILE GALLAGHER AND ASSOCIATES CONSULTANT ENGINEERS, PC 39 MARBLE AVENUE PLEASANTVILLE, NY 10570	GROSSFIELD MARCI STRUCTURAL ENGINEERS 75 SMITH AVENUE MT. KISCO, NY 10547
COUNTY COMMENTS		
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<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES		
CONTRACTOR NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____		PROJECT COORDINATOR NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER: 18-516 SHEET NUMBER: C-1 SHEET NO. 16 OF 16
BUILDING RENOVATION YORKTOWN MAINTENANCE GARAGE BUILDING AND ENERGY CODE SUMMARY		SCALE: _____ DATE: 03/17/2021 DPW FILE NO. 61-15-E-63A-0 REV. NO.