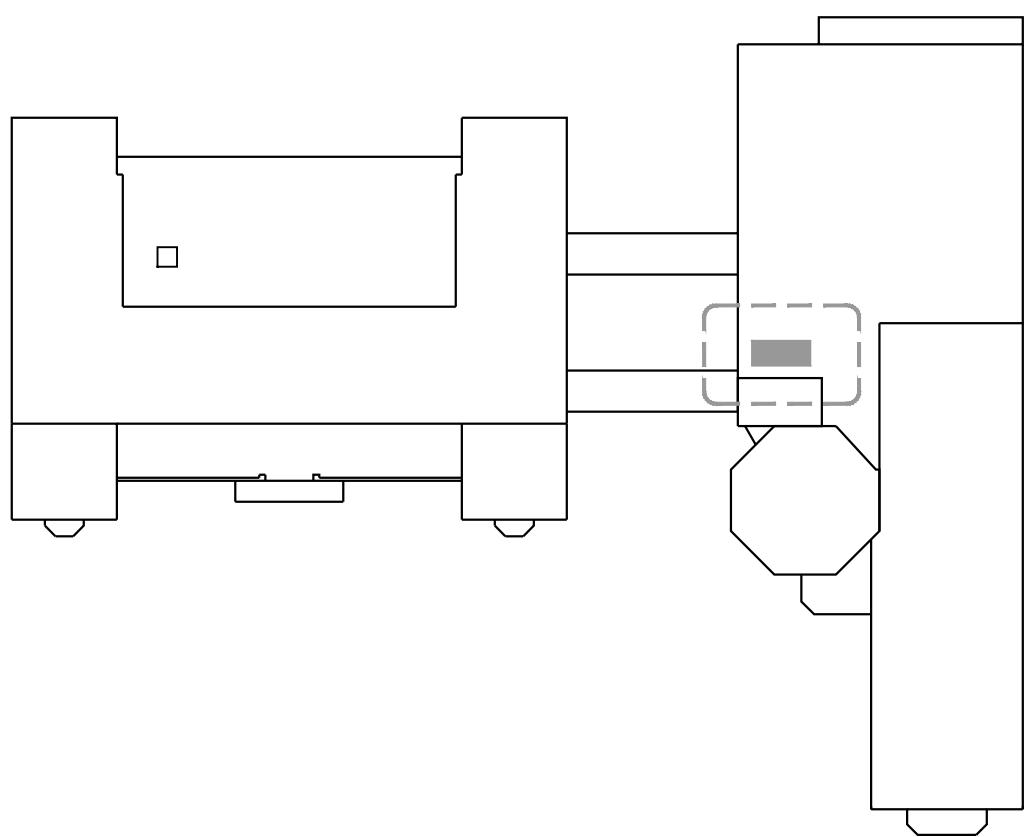


SEPTEMBER 6, 2023

ISSUED FOR BID

DESIGN TEAM

PVC ROOFTOP CHILLER REPLACEMENT
executed as part of
DISTRICT-WIDE ROOFING PROJECT
CROTON-HARMON UNION FREE SCHOOL DISTRICT
10 GERSTEIN STREET, CROTON-ON-HUDSON, NY 10520



Pierre Van Cortlandt Middle School
3 Glen Place
Croton-on-Hudson, NY

LIST OF DRAWINGS:

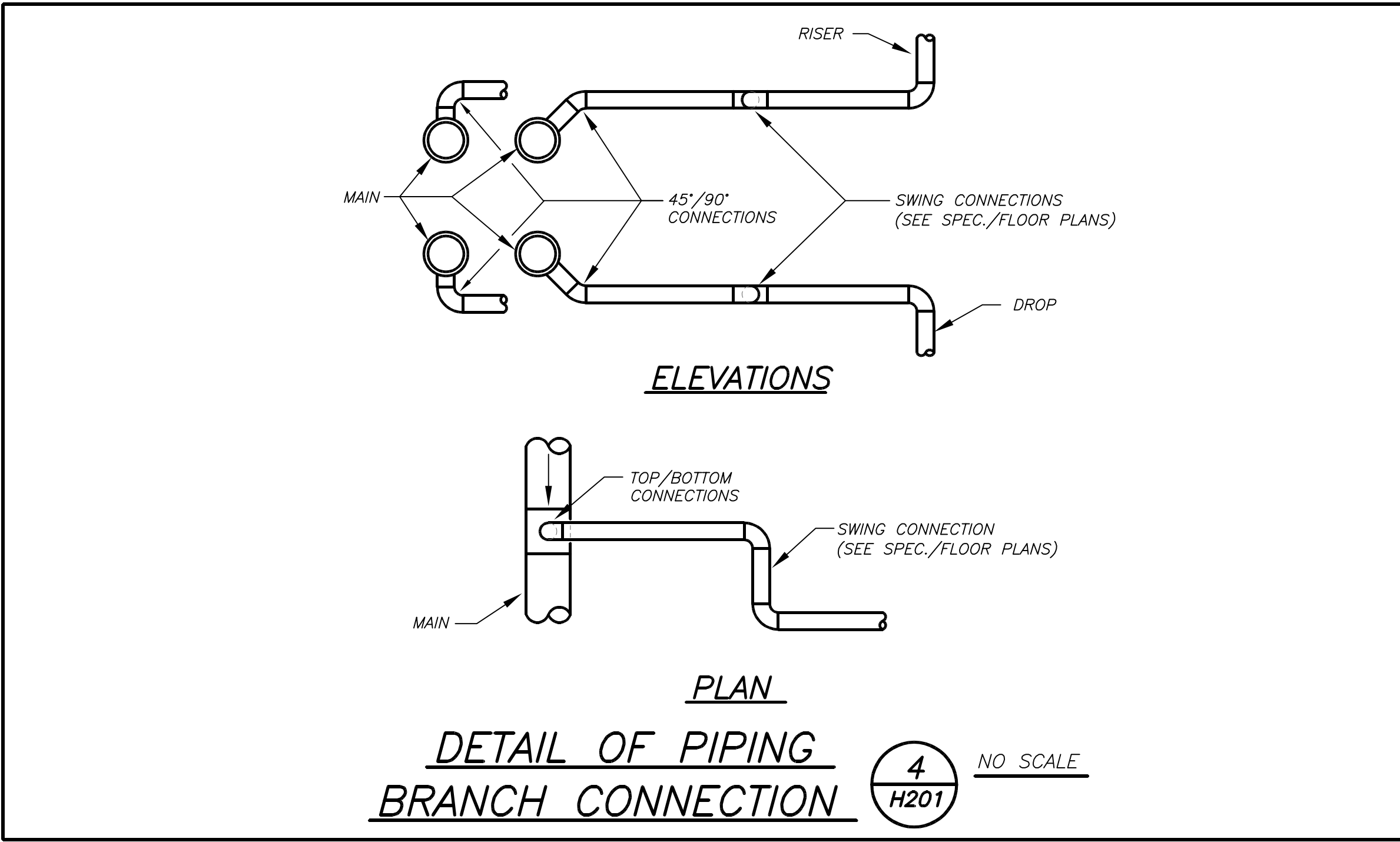
PIERRE VAN CORTLANDT MIDDLE SCHOOL	
H201	LEGEND, NOTES, SCHEDULE, DETAILS & PART, ROOF PLANS
E001	ELECTRICAL LEGENDS, NOTES, AND ABBREVIATIONS
E101	ROOF ELECTRICAL REMOVALS AND NEW POWER PLAN

KG&D Project No.
2020-1035

ARCHITECT
KG+D Architects
KG+D Architects PC
285 Main Street, Mount Kisco, NY 10549
phone: 914.666.5900

MECHANICAL ENGINEER
**BARILE GALLAGHER
& ASSOCIATES**
Consulting Engineers, PC
39 Marble Avenue, Pleasantville, NY
phone: 914.328.6060

NYSED No.
66-02-02-03-0-002-029 PVC MIDDLE SCHOOL



SCHEDULE OF AIR COOLED CHILLERS												
MARK	SERVICE	LOCATION	MODEL N ^o ①	COOLING CAPACITY (TONS)	GPM	COMP. QTY	COND. QTY	ELECTRIC SERVICE	MCA	MOCP	PHYSICAL DATA DIMENSION / WEIGHT	REMARKS
CHL 1	CHILLED WATER	ROOF	QTC3070TSE17XB	71	170	6	4	208/3/60	334	350	116"X89"X95"/4100LBS	REFER TO ②③④⑤⑥⑦⑧⑨⑩⑪⑫

NOTES

① AS MANUFACTURED BY "QUANTECH".

② DESIGN CONDITIONS BASED ON OUTDOOR AMBIENT TEMPERATURE 95°F COOLING, 44°F LWT AND 54°F EWT

③ REFRIGERANT USED SHALL BE R-410a.

④ INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

⑤ E.E.R. = 10.37, IPLV = 18.02

⑥ BASED ON AHRI STANDARD 370, WEIGHTED SOUND POWER 94 dBA

⑦ ALL COMPRESSORS SHALL BE SCROLL-HERMETIC TYPE.

⑧ PROVIDE START-UP SERVICE AND COMMISSIONING BY FACTORY CERTIFIED TECHNICIAN.

⑨ PROVIDE NEOPRENE VIBRATION ISOLATION PADS. SECURE TO NEW DUNNAGE.

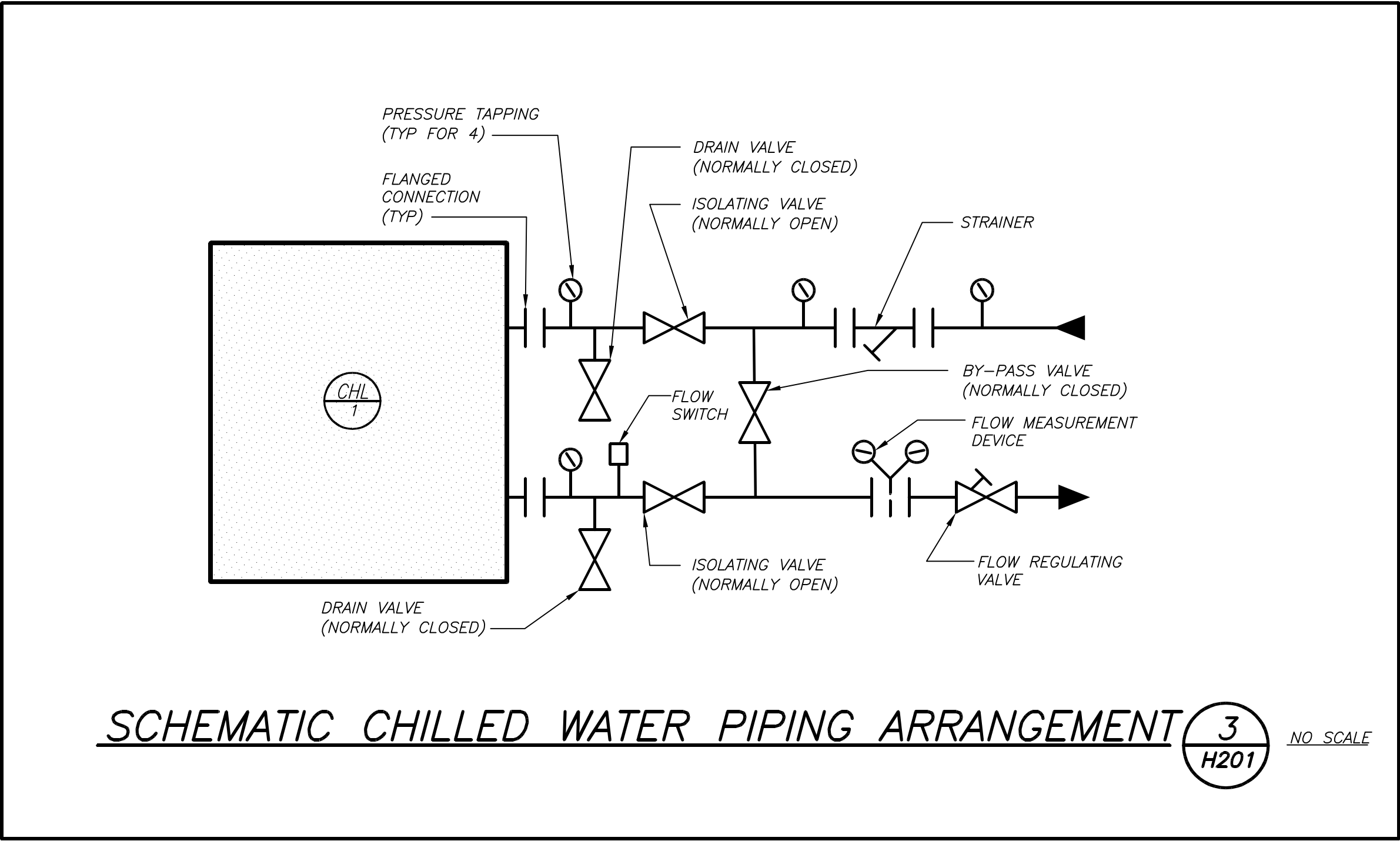
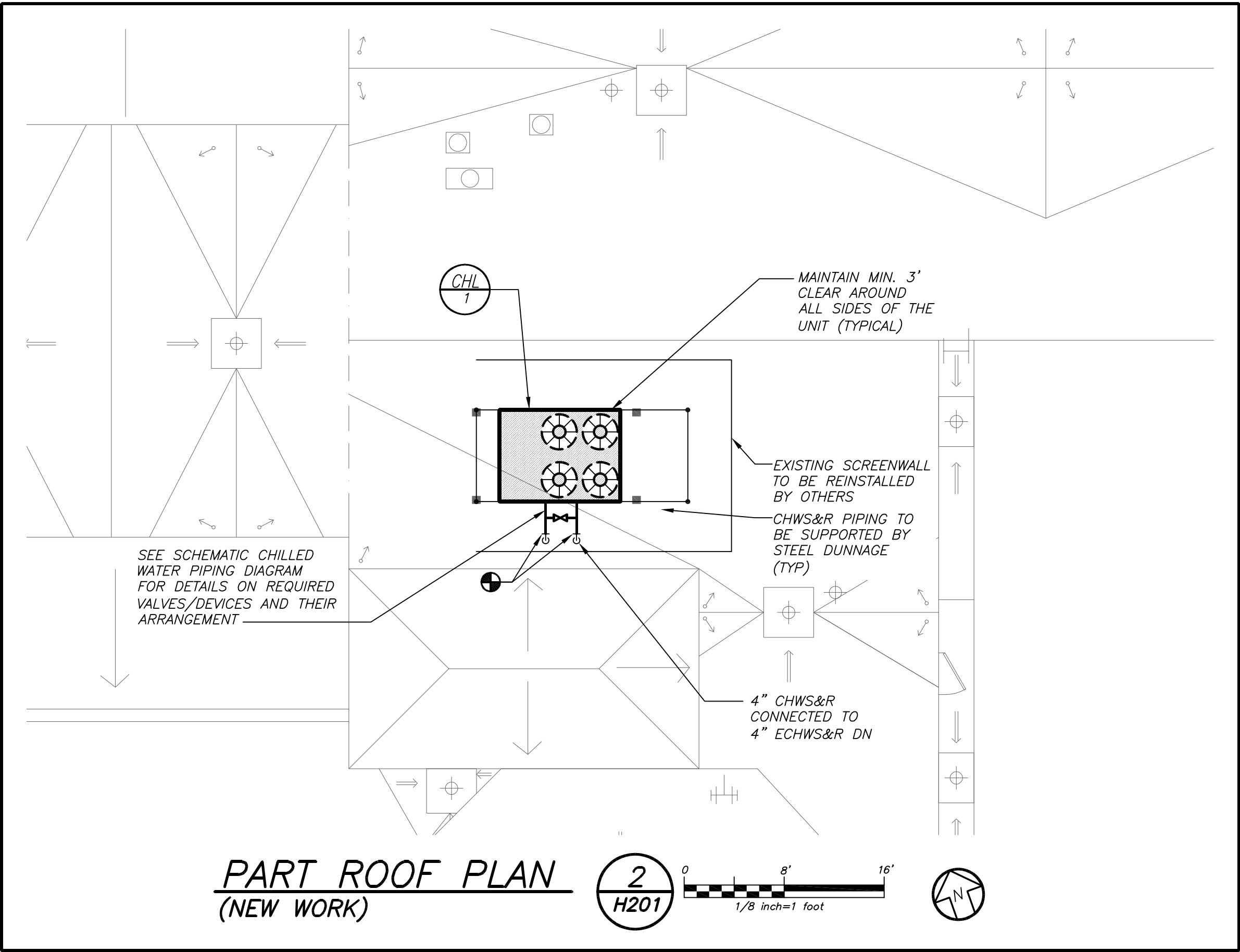
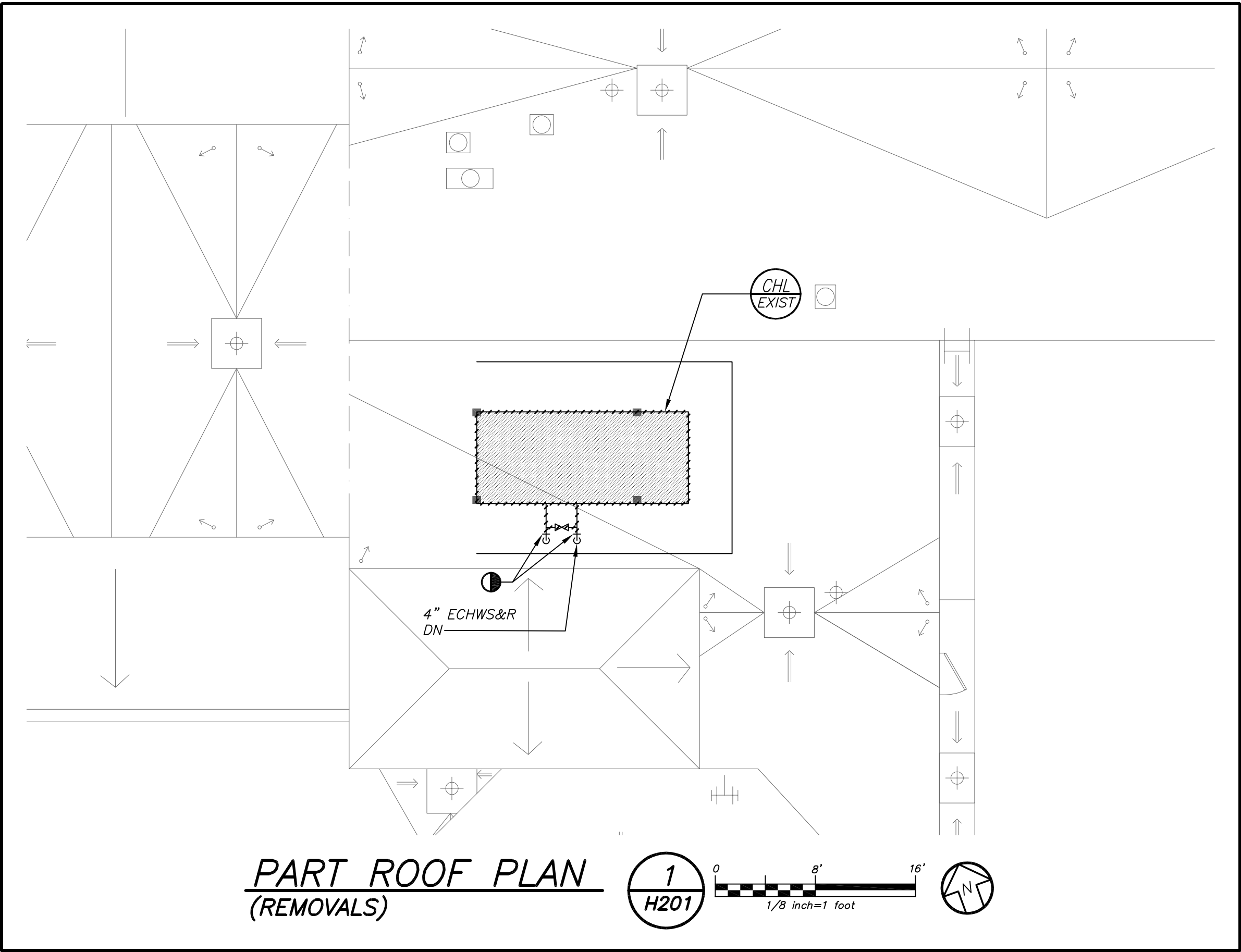
⑩ PROPYLENE GLYCOL 30%. CONTRACTOR RESPONSIBLE TO PROVIDE GLYCOL.

⑪ BEFORE WORK BEGINS, CONTRACTOR TO DETERMINE THE EXISTING FLOW FROM EACH CHILLED WATER PUMP WITH ALL CONTROL VALVES FULLY OPEN. AT CONCLUSION OF PROJECT, CONTRACTOR SHALL BALANCE SYSTEM TO MAINTAIN THOSE FLOW RATES AT SIMILAR CONDITIONS (NUMBER OF PUMPS OPERATING, VALVE POSITIONS, ETC.)

⑫ PROVIDE LOW SOUND FANS WITH VSD AND ALL VALVES AND DEVICES REQUIRED, SHOWN IN SCHEMATIC CHILLED WATER PIPING ARRANGEMENT 3/H201.

LEGEND	
	EXISTING DUCTWORK, EQUIPMENT, ETC. TO REMAIN
	EXISTING DUCTWORK, EQUIPMENT, ETC. TO BE REMOVED
	EXISTING CHILLED WATER SUPPLY PIPE
	EXISTING CHILLED WATER RETURN PIPE
	CHILLED WATER SUPPLY PIPE
	CHILLED WATER RETURN PIPE
	FLOW DIRECTION WITHIN PIPE
	SHUT OFF VALVE
	PIPE CONNS. (BOTTOM; TOP 45 OR 90; PIPE UP)
	EXISTING CHILLER IDENTIFICATION
	NEW CHILLER IDENTIFICATION
	POINT OF DISCONNECTION
	POINT OF CONNECTION, NEW TO EXISTING
	ABOVE FINISHED FLOOR
	GENERAL CONTRACTOR
	SECTION/DETAIL/ELEVATION/PART PLAN NUMBER
	DRAWING NUMBER
	SECTION/ELEVATION IDENTIFICATION

- REMOVAL NOTES:**
- ① 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.
- ② 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.
- ③ 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 WHERE PIPING IS INSTALLED EXPOSED.
- ④ 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.



2022 CAPITAL PROJECTS
DISTRICT-WIDE ROOFING

PVC ROOFTOP CHILLER REPLACEMENT

CROTON-HARMON UNION FREE
SCHOOL DISTRICT
10 GERSTEIN ST. CROTON-ON-HUDSON, NEW YORK 10520

KG+D listen
imagine
build

KG+D . ARCHITECTS PC
385 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P:914.666.5900 KGDARCHITECTS.COM

NY SED PROJECT CONTROL NO.
MIDDLE SCHOOL 66-02-02-03-0-002-029

BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
39 NARBLE AVE. PEASANYVILLE, NY 10570
914.328.0900 GENERAL@BGA-ENG.COM WWW.BGA-ENG.COM

CONSTRUCTION DOCUMENTS



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Professional Seal

No.	Date	Issue
3	9/6/2023	ISSUED FOR BID
2	4/20/2023	ISSUED FOR BID
1	3/17/2023	CONSTRUCTION DOCUMENTS

LEGEND, NOTES, SCHEDULE, DETAILS & PART ROOF PLANS

Job No.	2023-1002	Date	9/6/2023
Scale	AS NOTED	Drawn /	Checked
Sheet Number			

H201

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 REFURNISH 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. FINAL CONNECTIONS TO MOTORS MAY BE MADE WITH FLEXIBLE METALLIC CONDUIT (NO LONGER THAN 18"), IN UNFINISHED AREAS CONDUIT SHALL BE RUN EXPOSED AND IN FINISHED AREAS CONDUIT SHALL BE RUN CONCEALED.
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. 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".
11. EXACT LOCATION AND MOUNTING HEIGHTS OF ALL DEVICES SHALL BE COORDINATED WITH THE ARCHITECT PRIOR TO THE INSTALLATION.
12. 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.
13. 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.
14. PROVIDE PULL BOXES, JUNCTION BOXES, CONDUIT ELBOWS AND OFFSETS TO SUIT FIELD CONDITIONS AND THE NATIONAL ELECTRICAL CODE.
15. ALL EMPTY CONDUIT SHALL BE PROVIDED WITH A DRAGWIRE.
16. THE MINIMUM WIRE SIZE FOR 120 VOLT BRANCH CIRCUITS SHALL BE NO. 12 AWG, EXCEPT OVER 100' IN LENGTH SHALL BE NO. 10 AWG.
17. PROVIDE ALL REQUIRED AND NECESSARY ACCESSORIES (EX. CONNECTORS, ADAPTERS, BUSHINGS, CLAMPS, ETC.) TO FACILITATE COMPLETE INSTALLATION.
18. COORDINATE LOCATION OF ALL MECHANICAL EQUIPMENT WITH HVAC CONTRACTOR IN FIELD. FUSES FOR ALL MOTOR LOADS SHALL BE DUAL ELEMENT TIME DELAY TYPE.
19. 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.
20. 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.
21. 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).
22. ALL PANELBOARD COVERS SHALL BE INSTALLED IN PLACE AT THE COMPLETION OF EACH DAYS WORK.
23. PREPARE 'AS-BUILT' DRAWINGS THAT REFLECT ACTUAL CONSTRUCTION AND SHOW DEVIATIONS FROM DESIGN DRAWINGS.
24. ALL NEW CIRCUIT BREAKERS INSTALLED INTO EXISTING PANELBOARDS SHALL BE UL LISTED FOR USE IN THE PANEL.

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.


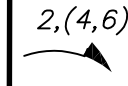
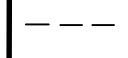
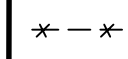
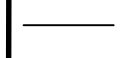

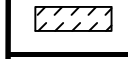
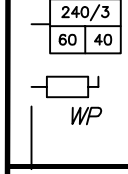

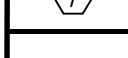
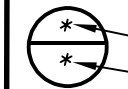



3. ALL ELECTRICAL EQUIPMENT IN THE AREA OF WORK IS EXISTING TO BE REMOVED UNLESS OTHERWISE NOTED. THIS SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING:

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. EXISTING EQUIPMENT DESIGNATED FOR REUSE SHALL BE CLEANED, REFURNISHED 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.
11. 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.
12. EXTEND EXISTING CIRCUITS SERVING EQUIPMENT TO REMAIN FROM PANELS THAT ARE TO BE REMOVED TO NEW PANELS OR EXISTING PANELS THAT ARE TO REMAIN.

ABBREVIATIONS

ABBV.	DESCRIPTION
A	AMP/AMPERE
AWG	AMERICAN WIRE GAUGE
C	CONDUIT
C.B.	CIRCUIT BREAKER
CHL	CHILLER
CKT	CIRCUIT
(E)	EXISTING TO REMAIN
E.C.	ELECTRICAL CONTRACTOR
EXIST.	EXISTING
G,GRD	GROUND
GFI	GROUND FAULT INTERRUPTER
HVAC	HEATING, VENTILATING AND AIR-CONDITIONING UNIT
KVA	KILOVOLT AMPERE
MCB	MAIN CIRCUIT BREAKER
MDP	MAIN DISTRIBUTION PANEL
NTS	NOT TO SCALE
PNL	PANEL
(R)	REMOVE EXISTING
(RN)	REPLACE WITH NEW
RECPT	RECEPTACLE
W	WATT
WP	WEATHERPROOF

LEGEND

	HOMERUN TO DESIGNATED PANEL, ARROWHEAD INDICATES SINGLE POLE CIRCUIT. HOMERUN SHALL CONSIST OF 2#12-3/4" U.O.N.
	HOMERUN TO DESIGNATED PANEL, NUMBERS IN PARENTHESIS INDICATE MULTIPLE CIRCUIT, I.E. 3-HOTS AND 1-GROUND U.O.N.
	EXISTING TO REMAIN
	EXISTING TO BE REMOVED
	NEW
	20A FLUSH WALL MOUNTED GROUND FAULT INTERRUPTING TYPE DUPLEX RECEPTACLE HUBBELL #QFS362.
	SURFACE MOUNTED EXISTING ELECTRICAL PANELBOARD.
	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).
	MOTOR (F.B.O. WIRED BY ELEC.) - NUMBER INDICATES HORSEPOWER. REFER TO PANEL SCHEDULES FOR WIRING AND OVER CURRENT PROTECTION.
	TAG SYMBOL, NUMERAL DENOTES REFERENCE TO A WORK NOTE.
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

2022 CAPITAL PROJECTS
DISTRICT-WIDE ROOFING

PVC ROOFTOP
CHILLER
REPLACEMENT

CROTON-HARMON UNION FREE
SCHOOL DISTRICT
10 GERSTEIN ST. CROTON-ON-HUDSON, NEW YORK 10520



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385 MAIN STREET MOUNT KISCO, NEW YORK, 10549
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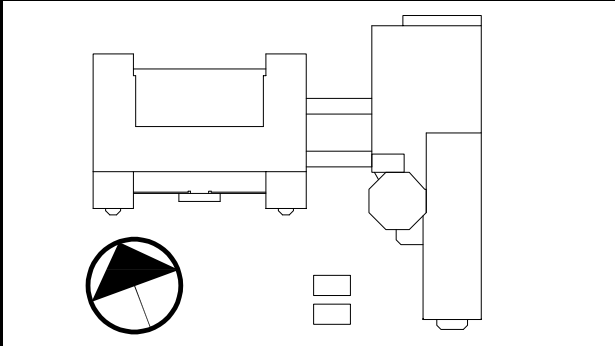
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BARILE GALLAGHER & ASSOCIATES

CONSULTING ENGINEERS
39 WILBIE AVE. PLEASANTVILLE, NY 10570
914.328.0090 GENGALL@GGA-ENG.COM WWW.GGA-ENG.COM

CONSTRUCTION DOCUMENTS



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No.	Date	Issue

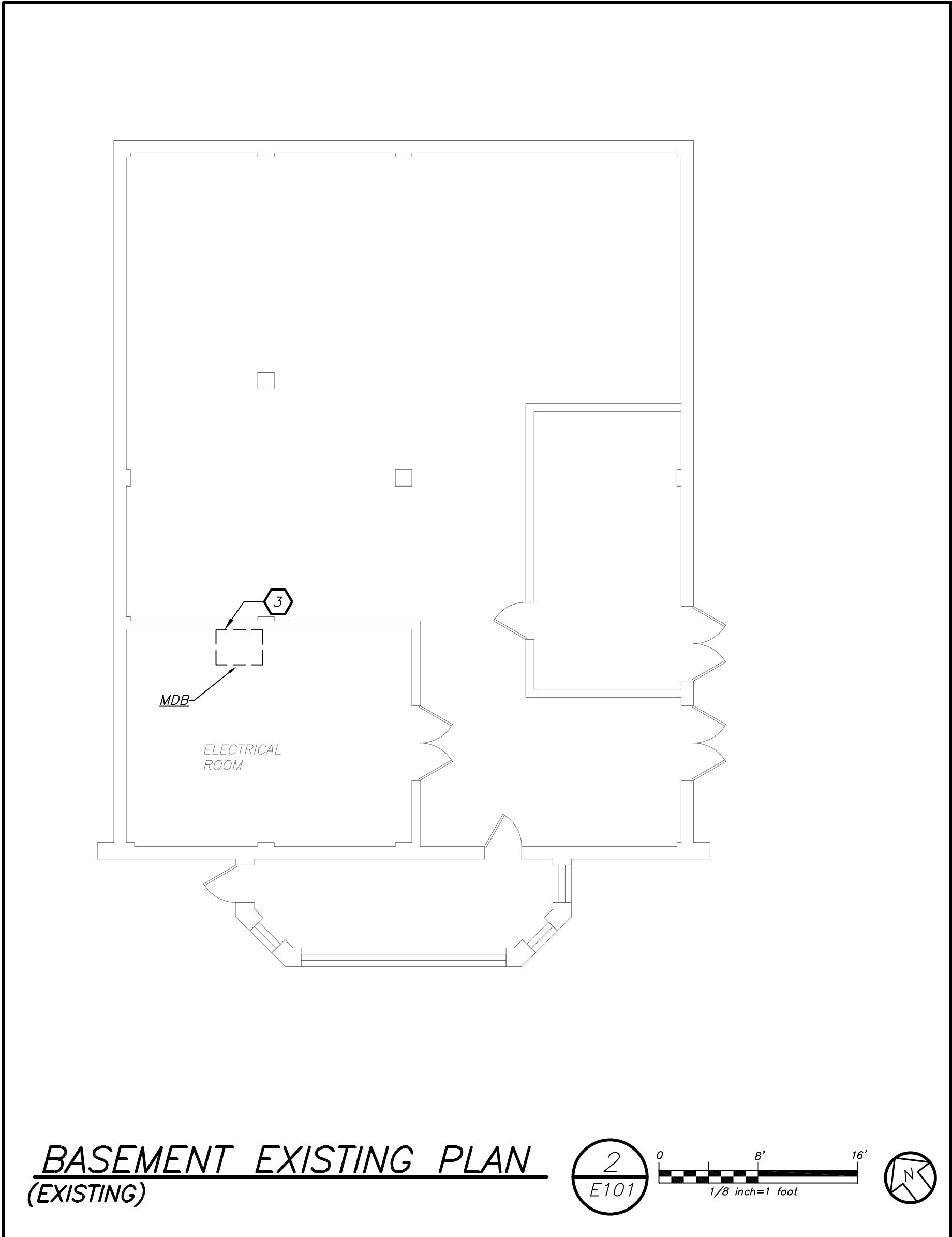
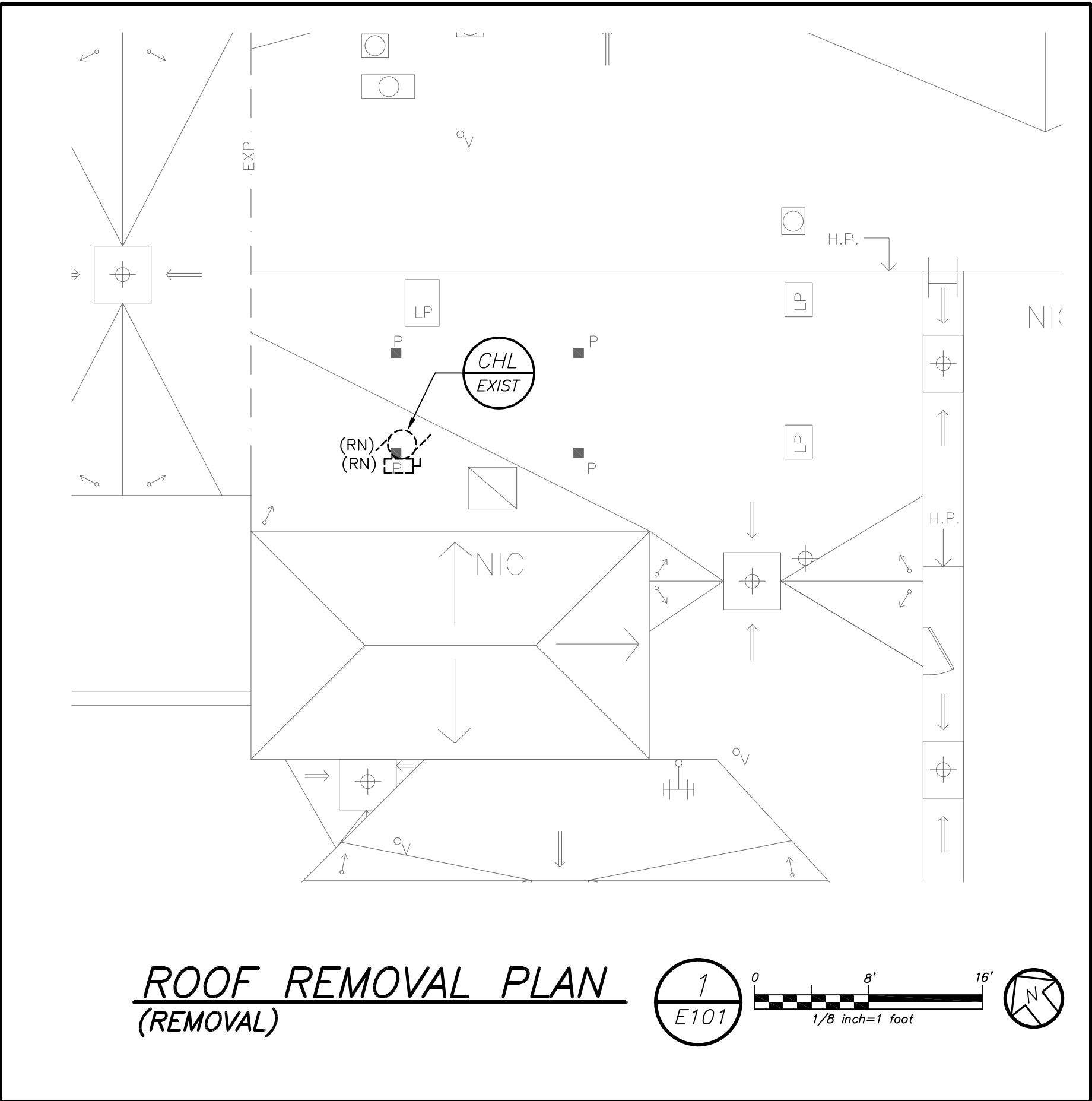
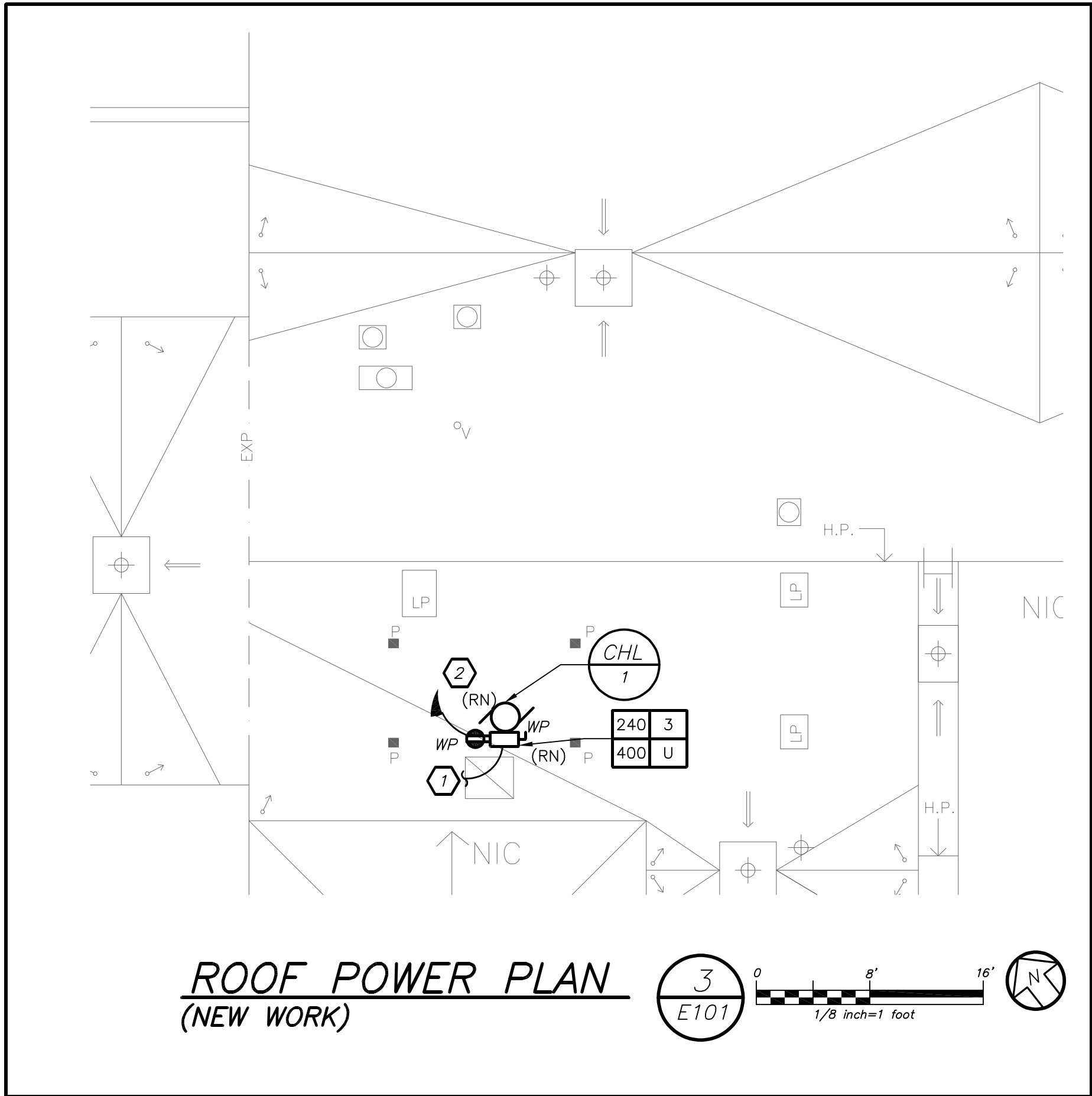
Sheet Title

ELECTRICAL LEGENDS,
NOTES, AND
ABBREVIATIONS

Job No.	Date
2023-1002	9/6/2023
Scale	Drawn / Checked
AS NOTED	

Sheet Number

E001



WORK NOTES:

1. PROVIDE NEMA 3R RATED SPLICE BOX AND EXTEND FEEDERS TO NEW MECHANICAL UNIT. MATCH EXISTING FEEDERS.
2. PROVIDE 2#12+1#12G IN 3/4" C TO PANEL PP-C2 LOCATED BELOW CHILLER IN 2ND FLOOR ROOM 309. PROVIDE 1P-20 AMP BREAKER AT PANEL.
3. PROVIDE 3P-350 AMP CIRCUIT BREAKER IN MDP IN PLACE OF EXISTING 3P-400AMP CIRCUIT BREAKER FEEDING UNIT TO BE REPLACED. COORDINATE WITH MECHANICAL BEFORE THE START OF ANY WORK.

2022 CAPITAL PROJECTS
DISTRICT-WIDE ROOFING

**PVC ROOFTOP
CHILLER
REPLACEMENT**

CROTON-HARMON UNION FREE
SCHOOL DISTRICT
10 GERSTEIN ST. CROTON-ON-HUDSON, NEW YORK 10520

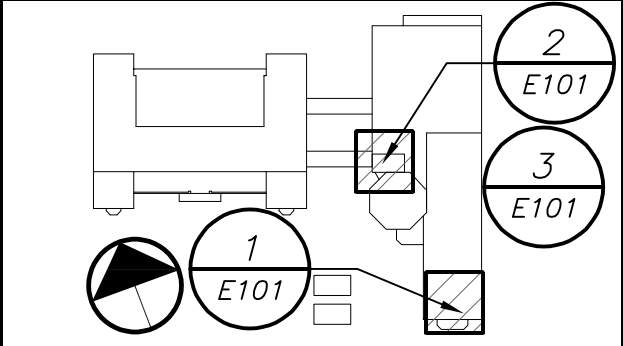
KG+D listen
imagine
build

KG+D . ARCHITECTS PC
285 MAIN STREET MOUNT KISCO, NEW YORK, 10549
P:914.666.5900 KGARCHITECTS.COM

NY SED PROJECT CONTROL NO.
MIDDLE SCHOOL 66-02-02-03-0-002-029

BARILE GALLAGHER & ASSOCIATES
CONSULTING ENGINEERS
39 NARBLE AVE. PLEASANTVILLE, NY 10570
914.326.0090 CENERAL@BGA-ENG.COM WWW.BGA-ENG.COM

CONSTRUCTION DOCUMENTS



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Professional Seal

3	9/6/2023	ISSUED FOR BID
2	4/20/2023	ISSUED FOR BID
1	3/17/2023	CONSTRUCTION DOCUMENTS

No. 1 Date Issue

Sheet Title

**ROOF ELECTRICAL
REMOVALS AND
NEW POWER PLAN**

Job No. 2023-1002 Date 9/6/2023

Scale AS NOTED Drawn / Checked

Sheet Number

E101