

Demolition RCP Keynotes

Mark	Description
1	Existing surface mounted light to be removed
2	Existing pendant mounted highbays to be removed
3	Existing recessed cans lights to be removed
4	Existing spot light to be removed
5	Existing track and track heads to be removed
6	Existing vestibule to be removed in its entirety
7	Existing wall mounted emergent light to be removed
8	Existing kitchen hood to be removed
9	Existing ansel system to be disconnected and abandoned
10	Existing exterior awning to be removed
11	Existing gyp. bd. ceiling to be removed. After ceiling is removed GC to verify status and condition of all existing wood joists to determine if any need to be sistered or replaced before new roof is installed.
12	Existing gyp. bd. ceiling to be removed.
13	<-varies>
14	Existing restroom to remain in use during demolition so the contractors have a place for running water and use the facility. This should be the last area demolished that way it can be utilized throughout the process.

SEE MEP DEMOLITION DRAWINGS FOR MORE INFORMATION



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MR. GEORGEY WARD
 LICENSED ARCHITECT #01 02000
 EXPIRATION DATE: 11/30/2024

Owner:

Library Board of Trustees

REVISIONS

REV.	DESCRIPTION	DATE
1	Demolition Bid/Permit Set	09/26/2024

Project Number: 24-0011 Date: 09/26/2024

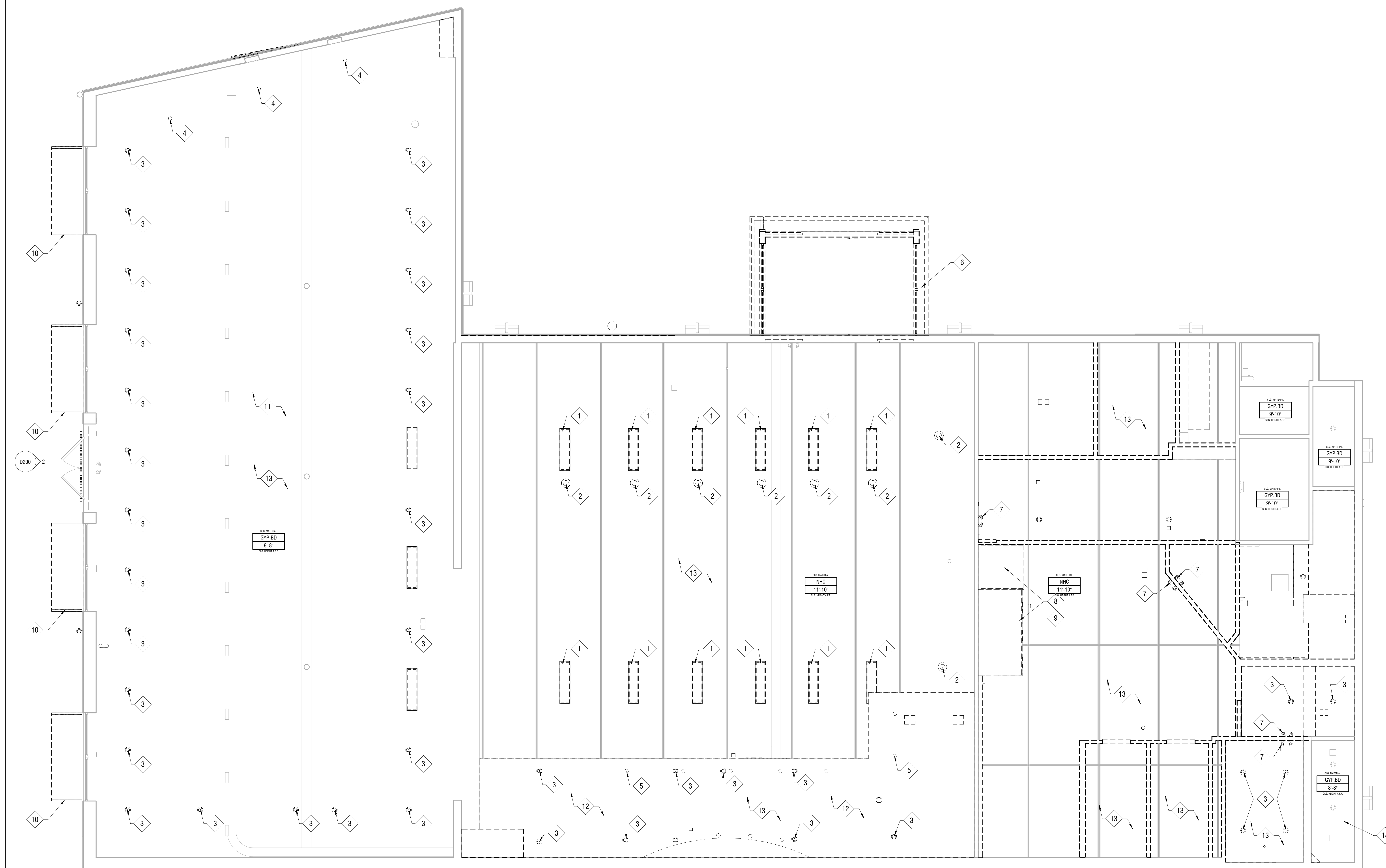
Drawing Title:
Demolition Reflected Ceiling Plan

Project Title:
River Grove Public Library - Remodel

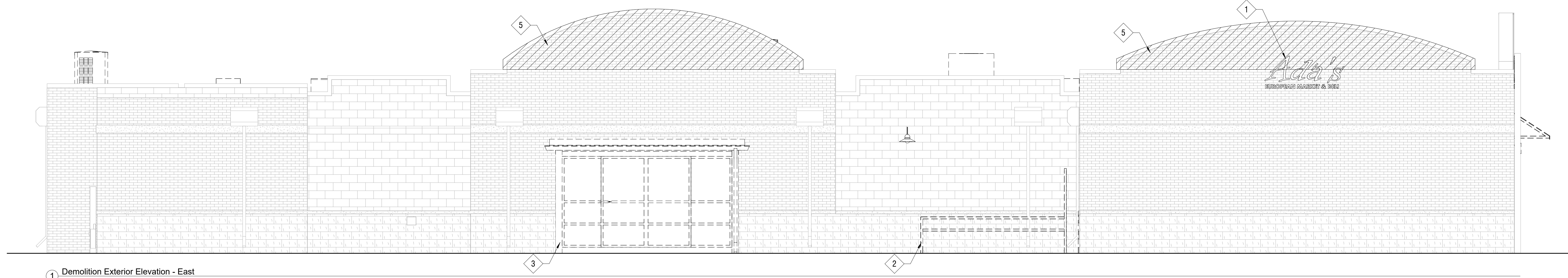
8301 Grand Avenue | River Grove, IL 60171

Drawing Number:

D101



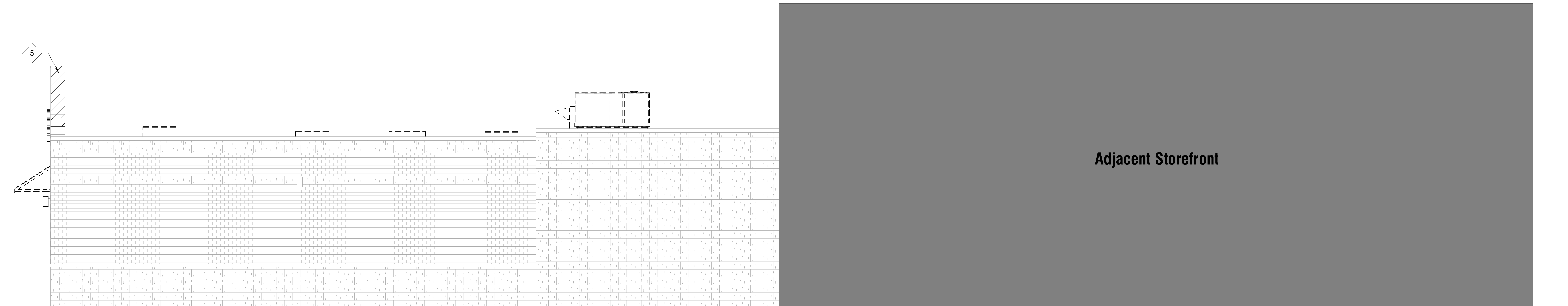
1 Demolition Reflected Ceiling Plan
 1/4" = 1'-0"



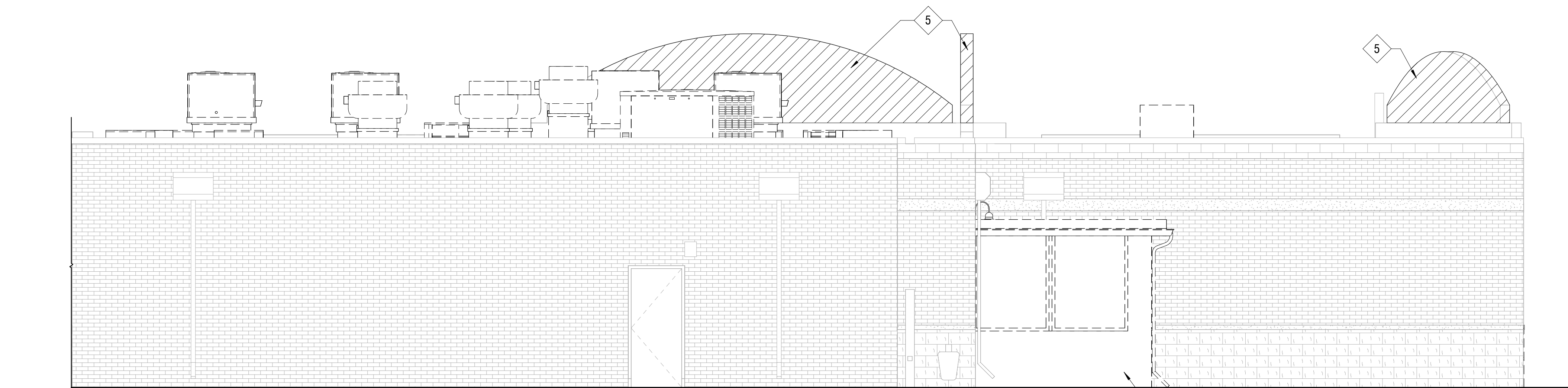
1 Demolition Exterior Elevation - East
1/4" = 1'-0"



2 Demolition Exterior Elevation - North
1/4" = 1'-0"



3 Demolition Exterior Elevation - West
1/4" = 1'-0"



4 Demolition Exterior Elevation - South
1/4" = 1'-0"

Exterior Demolition Keynotes

MARK	DESCRIPTION
1	Existing signage to be removed
2	Existing cart central to be removed
3	Existing exterior vestibule to be removed in its entirety
4	Existing exterior awning to be removed
5	Existing parapet half round section to be removed. Align with adjacent wall height and prepare wall for new coping.



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EXPIRATION DATE: 11/30/2024

Owner:

Library Board of Trustees

REVISIONS

REV.	DESCRIPTION	DATE
1	Demolition Bid/Permit Set	09/26/2024

Project Number: 24-0011 Date: 09/26/2024

Drawing Title:
Demolition Exterior Elevations

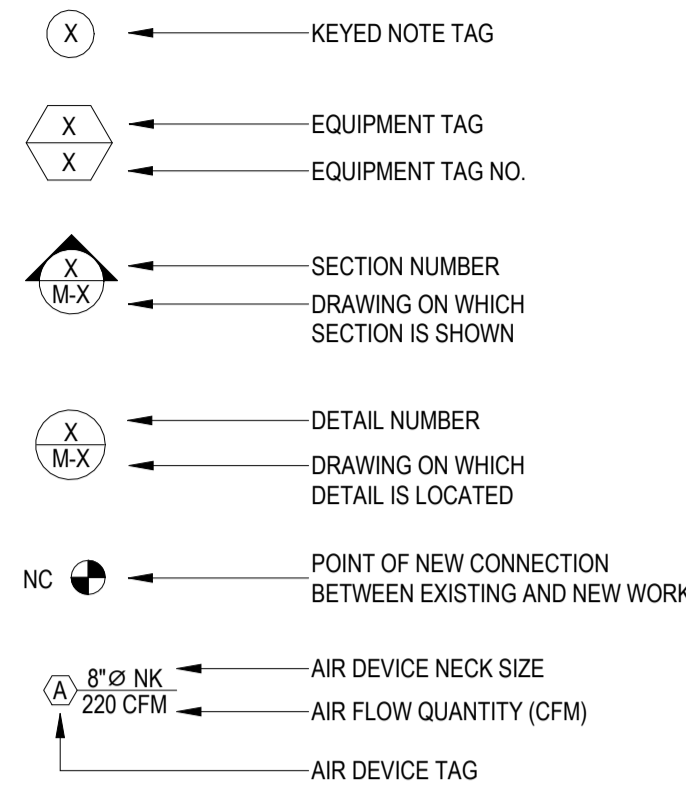
Project Title:
River Grove Public Library - Remodel

8301 Grand Avenue | River Grove, IL 60171

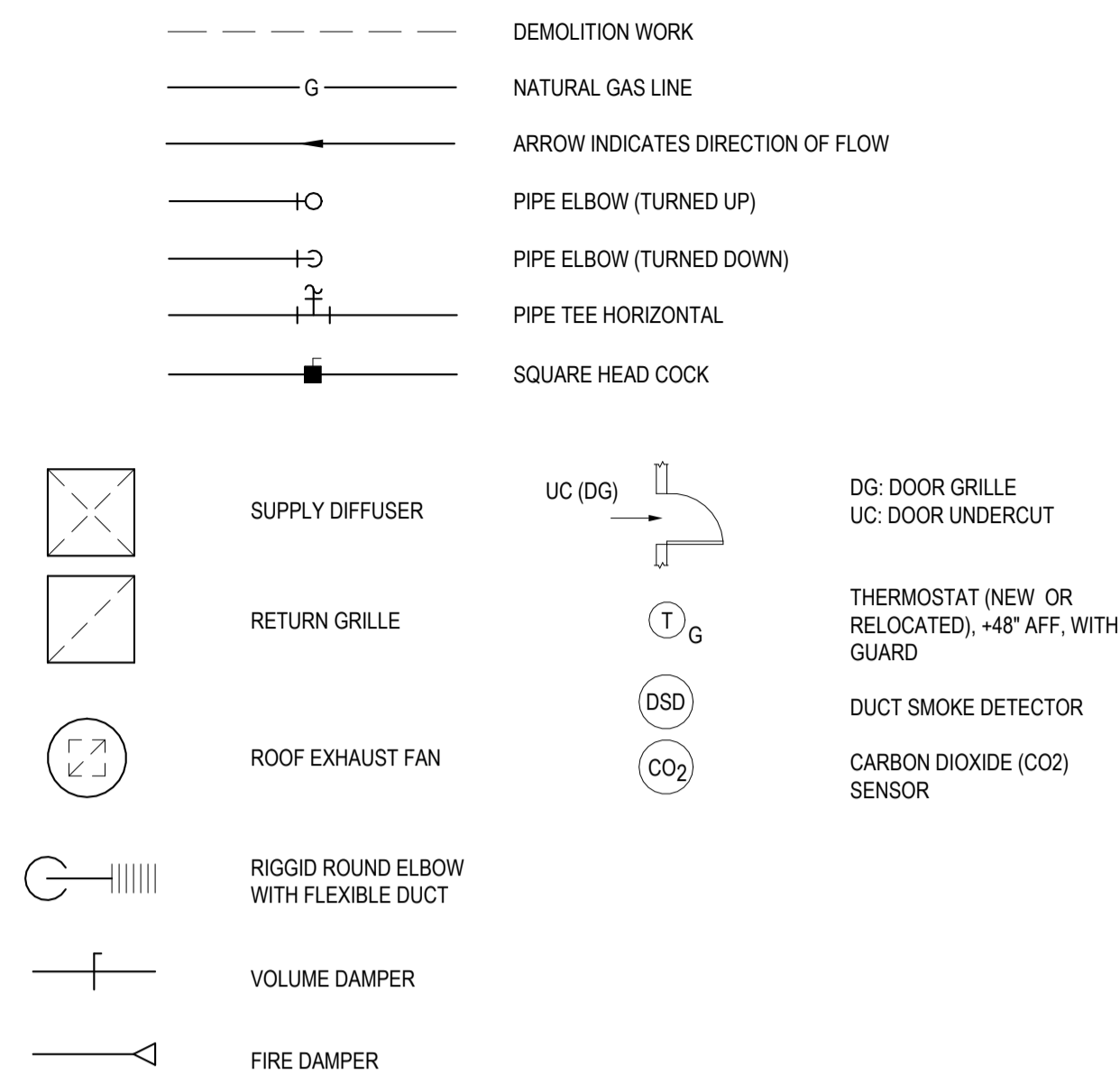
Drawing Number:

D200

IDENTIFICATION SYMBOLS



GENERAL SYMBOLS



WORK IN EXISTING BUILDINGS

- 1. CONTRACTOR SHALL FIELD COORDINATE DUCT ROUTING WITH EXISTING STRUCTURAL, CONDUITS, PIPING, ETC. OFFSET, RISE/DROP AS REQUIRED.
2. CONTRACTORS ARE TO VISIT JOB SITE PRIOR TO BIDDING WORK. THEY ARE TO FAMILIARIZE THEMSELVES WITH JOB SITE CONDITIONS.
3. ALL EQUIPMENT AND MATERIAL INDICATED ON THE DEMOLITION DOCUMENTS THAT IS TO BE REMOVED OR RELOCATED OR REUSED ARE SHOWN FOR THE CONVENIENCE OF THE BIDDERS.

ABBREVIATIONS

Table listing abbreviations such as A.D. ACCESS DOOR, AFF ABOVE FINISHED FLOOR, AH AIR HANDLER, AMS AIR FLOW MEASURING STATION, B BOILER, BAS BUILDING AUTOMATION SYSTEM, BC BOOSTER COIL, BF BOILER FEED (PUMP), BFS BOILER FEED SYSTEM, BHP BRAKE HORSE POWER, BTUH BRITISH THERMAL UNIT PER HOUR, BV BALL VALVE, C CHILLER, CC COOLING COIL, CPM CUBIC FEET PER MINUTE, CHW CHILLED WATER, CHWS CHILLED WATER SUPPLY, CHWR CHILLED WATER RETURN, CO CLEANOUT, CT COOLING TOWER, CTR COOLING TOWER PUMP, CTP COOLING TOWER RETURN, CV CONVERTOR, CW CONDENSER WATER, D DIAMETER, D DRAIN LINE, DB DRY BULB, DIA DIAMETER, DN DOWN, E EXHAUST FAN, EAT ENTERING AIR TEMPERATURE, EF EXHAUST FAN, EX.D. EXHAUST DUCT, F FAHRENHEIT, F.I.D. FIRE DAMPER, FC FLEXIBLE CONNECTOR, FD FLOOR DRAIN, FPM FEET PER MINUTE, FT FEET, G GAS (NATURAL), GPM GALLONS PER MINUTE, HOA HAND-OFF-AUTO, HP HORSE POWER, HPU HEAT PUMP UNIT, I.D. INNER DIAMETER, IN INCH, L LENGTH, LAT LEAVING AIR TEMPERATURE, LPC LOW PRESSURE CONDENSATE, LPS LOW PRESSURE STEAM, MAX MAXIMUM, MBH 1,000 BTUH, MIN MINIMUM, NC NEW CONNECTION, NK NECK, O.A. OUTDOOR AIR, O.D. OUTER DIAMETER, P PUMP, PD PRESSURE DROP, PH PHASE, PS PIPE SLEEVE, PSI POUNDS PER SQUARE INCH, R.E.D. RETURN AIR DUCT, RPM REVOLUTIONS PER MINUTE, RTU ROOF TOP UNIT, S SUPPLY FAN, SP STATIC PRESSURE, SQ SQUARE, S.U.D. SUPPLY DUCT, TFA TO FLOOR ABOVE, TFB TO FLOOR BELOW, TYP. TYPICAL, UC UNDERCUT DOOR, VAV VARIABLE AIR VOLUME, VFD VARIABLE FREQUENCY DRIVE, WB WET BULB, WC WATER COLUMN, WG WATER GAUGE.

- NOTE: 1. THIS IS A GENERAL SYMBOL LIST THEREFORE SOME ITEMS MAY NOT DIRECTLY APPLY TO THIS PROJECT AND DRAWINGS. 2. DISREGARD SYMBOLS AND ABBREVIATIONS WHICH DO NOT APPLY TO THIS PROJECT.

MECHANICAL DRAWING LIST table with columns: Sheet, Description, Date. Rows include MO.0 HVAC Symbols, Abbreviations, and Notes (06/10/24), MO.1 HVAC Specifications (06/10/24), DM1.1 HVAC First Floor Demolition Plan (06/10/24), and DM1.2 HVAC Roof Demolition Plan (06/10/24).

MECHANICAL NEW WORK GENERAL NOTES

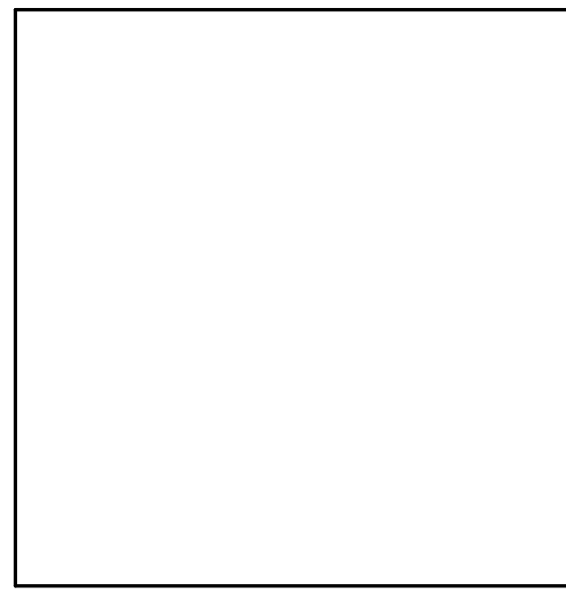
- 1. DRAWINGS ARE GENERALLY DIAGRAMMATIC. ROUTING OF PIPING AND DUCTWORK AS SHOWN DOES NOT INTEND TO SHOW EVERY RISE, DROP, OFFSET, FITTING NOR EVERY STRUCTURAL ELEMENT THAT MAY BE ENCOUNTERED DURING THE INSTALLATION OF THIS WORK.
2. THE SEQUENCE FOR THE INSTALLATION OF ALL WORK SHALL BE COORDINATED BETWEEN ALL CONTRACTORS ON THE PROJECT AND IN STRICT ACCORDANCE WITH CONSTRUCTION MANAGER AND OWNERS STIPULATION AS CALLED FOR IN THE SPECIFICATION AND/OR AS DIRECTED.
3. CONTRACTOR SHALL REFER TO THE ARCHITECTURAL, ELECTRICAL, PLUMBING, AND STRUCTURAL CONTRACT DOCUMENTS BEFORE SUBMITTING THEIR BIDS TO FAMILIARIZE THEMSELVES WITH THE EXTENT OF THE OTHER TRADES CONTRACTORS WORK, CEILING HEIGHTS AND CLEARANCE FOR INSTALLING THEIR WORK.

GENERAL NOTES

- 1. CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE AND VERIFYING ALL EXISTING FIELD CONDITIONS PRIOR TO SUBMISSION OF HIS BID. THE CONSTRUCTION DOCUMENTS INDICATE APPROXIMATE LOCATION OF EXISTING MECHANICAL SYSTEMS AND ARE DIAGRAMMATIC IN NATURE.
2. CONTRACTOR IS RESPONSIBLE FOR COORDINATING HIS WORK WITH THE WORK OF ALL OTHER TRADES AND MAKING ANY NECESSARY MODIFICATIONS TO HIS WORK AT NO ADDITIONAL COST, INCLUDING ALL OFFSETS.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATION OF ANY MINOR INTERFERENCES, INCLUDING CONDUIT, HANGERS, ETC. AT NO ADDITIONAL COST.

M/E/P COORDINATION NOTES

- EACH TRADE SHALL PREPARE COORDINATION DRAWINGS. THESE DRAWINGS SHALL DETAIL ALL ELEMENTS, COMPONENTS, AND SYSTEMS OF THE APPLICABLE MECHANICAL, PLUMBING, AND ELECTRICAL TRADE.
DRAWINGS SHALL ALSO INDICATE THE WORK LOCATIONS OF OTHER TRADES AND INDICATE THEIR RELATIONSHIP IN ALL AREAS WHERE LIMITED SPACE REQUIRES DETAILED COORDINATION.
ALL SYSTEM COMPONENTS OF TRADE BEING PRESENTED SHALL APPEAR DARK AND BE EASILY DISTINGUISHED FROM ARCHITECTURAL INFORMATION OR OTHER SYSTEM INFORMATION INCLUDED FOR COORDINATION PURPOSES.



Owner: DAE Group

REVISIONS table with columns: REV., DESCRIPTION, DATE. Multiple empty rows for revisions.

Project Number: 24-144C1 Date: 06.10.2024

Drawing Title: HVAC Symbols, Abbreviations, and Notes

Project Title: River Grove Public Library - Remodel

8301 Grand Avenue | River Grove, IL 60171

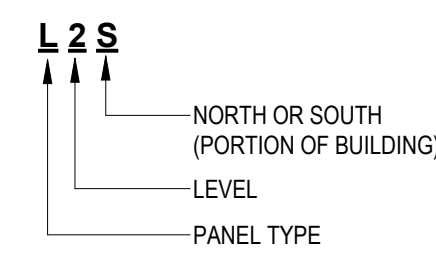
Drawing Number: MO.0



ELECTRICAL SYMBOLS

Table of electrical symbols including Branch Circuit Panelboard, Distribution Panelboard, Non-Fused Disconnect Switch, Fused Disconnect Switch, Magnetic Motor Starter, etc.

PANELBOARD WIRING CONVENTION



L2S = LIGHTING PANEL, 2ND FLOOR, SOUTH

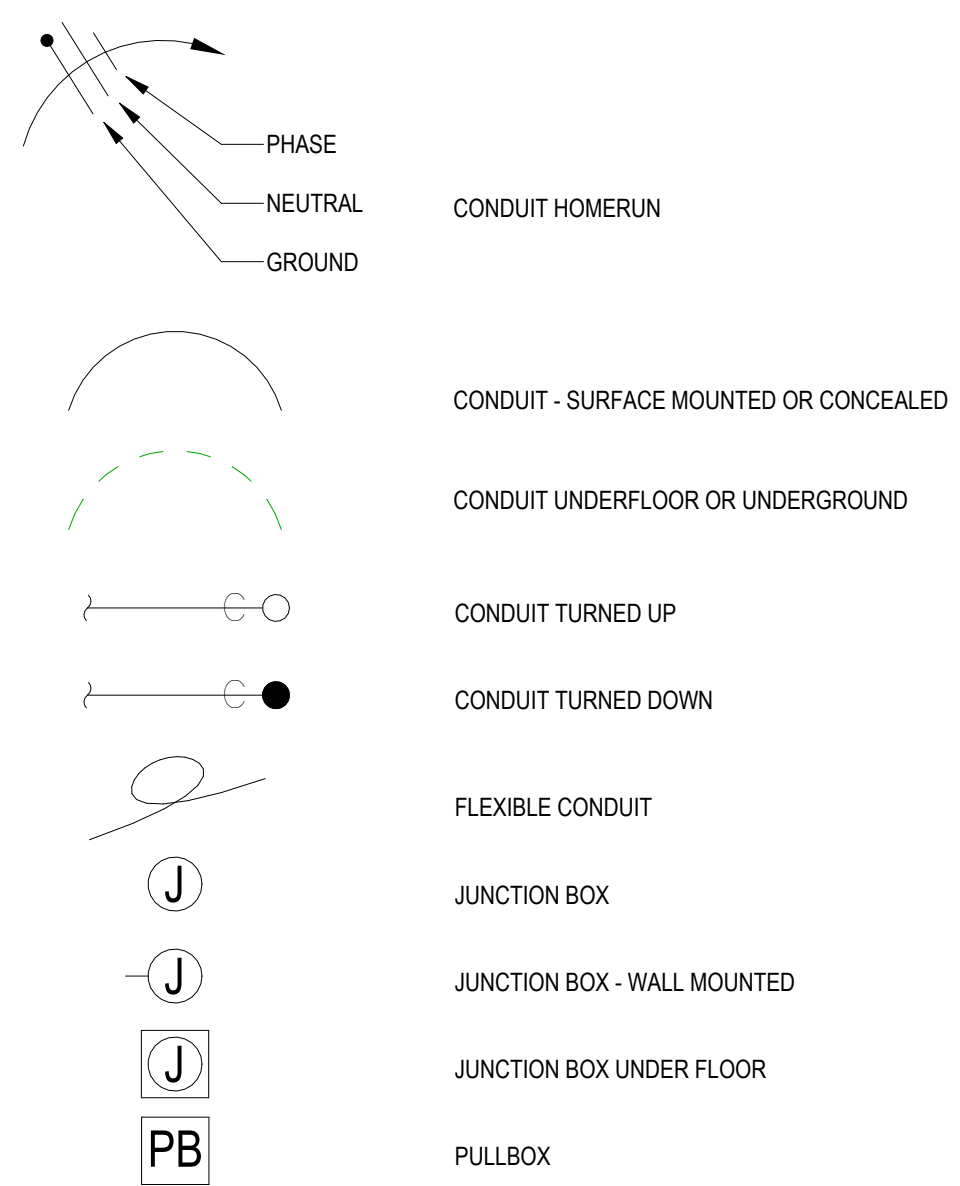
TYPE

Table mapping types LM, PP, ACP to Lighting / General Maintenance Panelboard, Power Panelboard, and Air Conditioning Panelboard.

ABBREVIATIONS

Table of abbreviations for electrical terms such as Amps, Automatic Transfer Switch, Bolted Pressure Switch, Conduit, Circuit, Circuit Breaker, etc.

RACEWAYS AND WIRING



POWER SYMBOLS

Table of power symbols for Wall Mounted, Floor Box, Poke-Through, Ceiling Mounted, Duplex Receptacle, Quad Receptacle, Single Receptacle, Isolated Ground Duplex Receptacle, Isolated Ground Quad Receptacle, Combination IG Duplex Receptacle, Special Receptacle, and WP (adjacent letters).

NOTES: 1. THIS IS A GENERAL SYMBOL LIST THEREFORE SOME ITEMS MAY NOT DIRECTLY APPLY TO THIS PROJECT AND DRAWINGS. 2. DISREGARD SYMBOLS AND ABBREVIATIONS WHICH DO NOT APPLY TO THIS PROJECT.

M/E/P COORDINATION NOTES

- Each trade shall prepare coordination drawings. These drawings shall detail all elements, components, and systems of the applicable mechanical, plumbing, and electrical trade. Drawings shall also indicate the work locations of other trades and indicate their relationship in all areas where limited space requires detailed coordination. All system components of trade being presented shall appear dark and be easily distinguished from architectural information or other system information included for coordination purposes. All information included that is not a part of the system being presented shall be indicated light or half tone. Indicate locations where space is limited for installation and access and where sequencing and coordination of installations are of importance to the efficient flow of the work, including but not necessarily limited to the following: 1. Indicate the proposed locations of piping, ductwork, equipment, and materials, include the following: A. Ductwork mains and branches, size and location, for both exterior and interior; locations of dampers and other control devices, filters, boxes, and terminal units requiring periodic maintenance or repair. B. Mains and branches of all piping systems, with valves and control devices located and numbered, unions located, and with items requiring maintenance, indicate actual, inverts and horizontal locations of underground piping. C. Equipment locations (exposed and concealed), dimensioned from prominent building lines. D. Clearances for installing and maintaining insulation. E. Clearances for serving and maintaining equipment, including tube removal, filter removal, etc. F. Equipment connections and support details. G. Exterior wall and foundation penetrations. H. Fire-rated wall and floor penetrations. I. Sizes and location of required concrete pads and bases. J. Valve stem movement. K. Indicate location of all equipment, ductwork, piping, etc., with dimensions from prominent building lines, and elevations above corresponding floors, roofs or grade as applicable. 2. Indicate scheduling, sequencing, movement, and positioning of large equipment into the building during construction. 3. Prepare floor plans, elevations, and details to indicate penetrations in floors, walls, and ceilings and their relationship to other penetrations and installations. 4. Prepare reflected ceiling plans to coordinate and integrate installations, ductwork, light fixtures, piping, and other ceiling-mounted items, dimension all items from prominent building lines. 5. Submit all coordination drawings and/or shop drawings prior to purchase, fabrication, or installation of any equipment. Any work started or equipment purchased prior to the review of submitted drawings by the architect/engineer is done at the contractor's risk. The offending contractor shall be entirely responsible for all changes, modifications, and/or extra services required resulting from the improper coordination and/or improper submittal process. 6. Encircle or bubble any revisions made on drawings being submitted more than one time. Indicate all revisions or changes made subsequent to the previous submittal reviewed by the architect/engineer.

WORK IN EXISTING BUILDINGS

- Contractor shall field coordinate duct routing with existing structural, conduits, piping, etc. off-set, rise/drop as required. Contractors are to visit job site prior to bidding work. They are to familiarize themselves with job site conditions, contractors are to include sufficient allowances for any modification of piping and ventilation systems that may be required due to job site conditions. All equipment and material indicated on the demolition documents that is to be removed or relocated or reused are shown for the convenience of the bidders, contractors shall field verify all items prior to submitting a bid. Remove all abandoned ductwork, pipe and fittings that is within the confines of the work area. It is the intent of the demolition work to include the removal of all existing ductwork and piping that is no longer required for the operation of mechanical systems. The ductwork and piping with its associated hangers and insulation is to be removed in its entirety from the building. All demolished ducts and piping are to be capped at the perimeter, floor or ceiling of the project limitations. Existing roof curbs and roof openings to be abandoned in place as a result of equipment removal shall be capped and sealed weathertight. Some of the existing items and equipment schedules to be removed shall be turned over to the owner. Any items that the owner wants to retain shall be removed carefully as not to damage them. All other items to be removed shall become the property of the contractor and removed from the site. All existing equipment is to remain operational during the construction period. Existing services may be shutdown only for a specific period of time only after written permission from the owner is obtained. Unless indicated otherwise, the architect/engineer makes no representation as to whether or not any hazardous or contaminated materials (including but not limited to asbestos, PCBs, contaminated soils, etc.) are present within the existing building or on the site. Work shown on the drawings and/or indicated in the specifications shall not be construed to call for contact with any of these materials. If these materials are encountered or suspected, the contractor shall not disturb them and shall contact the architect/engineer immediately.

Table with 3 columns: SHEET, DESCRIPTION, DATE. Lists sheets E0.0, E0.1, DE1.1, DE2.1, DE2.2 with their respective descriptions and dates.

GENERAL NOTES

- All electrical drawings are to be read in conjunction with the project specifications and all other drawings related to the performance of the work. The contractor responsible for the execution of this work shall become thoroughly familiar with the project specifications before commencing any work. The project specifications and drawings form the basis of this contract requirements and include the type and grade of materials to be installed, equipment to be furnished, the manner by which to be installed and where to be located. In the event of a conflict between the project specifications and drawings, specifications govern unless the architect/engineer directs otherwise. The contractor shall check carefully all construction drawings and specifications that are part of this project to insure that no fixture, outlet, alarm station or control, and power wiring is omitted. The contractor shall consult all trades furnishing equipment and obtain from them all data. In some cases equipment, fixtures and devices are shown only. Ascertain and provide the wiring and control stations required for the proper function of building equipment. Equipment labels and instructions regarding the application and installation of the listed equipment shall be followed to ensure that the equipment is being installed in accordance with the manufacturer's listing instructions. The temperature ratings of the equipment terminations must be carefully correlated with the conductor ampacity to prevent overheating and premature failure. Coordinate with other trades and install conduit and boxes to clear embedded ducts, openings and other structural features. All lighting fixtures are to be located as required on the job to clear ducts, piping, equipment and/or mechanical units. All wiring shall be enclosed in conduit or surface metal raceway. Conduit shall be used in concealed spaces only except in mechanical and electrical spaces. All other spaces shall use surface metal raceway. Conduit runs shown on the drawings are diagrammatic. Furnish and install equipment disconnect switches in strict compliance with code requirements. Contractor shall coordinate exact locations and mounting heights of all devices with the architectural plans, including but not limited to architectural details, elevations and millwork/casework details. Remove all abandoned cabling, conduit and devices in the renovation portion of the building that are not being reused as required by Chicago code. All branch circuits, lighting and receptacles shall be a minimum of #12 U.O. and shall have ground conductors. The electrical contractor shall provide, if required, adjustments (h) 6'-0" in the location of all system devices, fixtures, outlets, panels, etc. in order to expedite the electrical work. The position of all work as shown is intended to be fixed and in the proper location; such required adjustment shall be determined by the A/E. See architectural DWGS for exact location of electrical devices. Location of devices shall be coordinated with architects to insure proper location and height. Electrical contractor shall be responsible for fire-proofing all penetrations through fire-rated partitions required for electrical work. See fire-proofing specifications for requirements. Mounting heights shown on this sheet shall be superseded by architectural elevations and notes. No exposed conduits to be used. Surface wireway to be used where conduit cannot be concealed. Routing of all surface mounted wireway shall be reviewed with the architect. All surface mounted wireway shall be painted to match existing finishes. Surface mounted wireway color shall be confirmed with architect. Provide new wires for all emergency light fixtures and exit signs. See panelboard schedules for replacement of old wiring for all circuits. Reuse existing conduit where possible. Provide new surface mounted wireway if existing conduit can not be used.

ELECTRICAL DEMOLITION NOTES

- Prior to submitting a bid, the contractor shall review the contract drawings and ascertain existing site conditions to verify the extent of demolition and remodeling work. Failure to do so shall not relieve the contractor from performing all relocations and removals required in this contract. Contractor shall verify in the field the existing conditions and coordinate as required. All existing equipment and electrical services shall remain in operation during construction. Contractor shall provide all conduits and wires required to maintain the continuity to existing equipment slated to remain which may be affected by this demolition. Shutdown of existing services shall only be permitted upon written approval from the owner, and then only for the date and duration agreed upon. Include all premium time charges in the basebid. Wiring for existing equipment to be removed shall be disconnected at source and removed. Remove existing wiring, existing conduits to be re-used where noted, disconnect and remove all conduits that will not be re-used. Contractor shall remove all electrical devices as required and as shown on the demolition drawings. Leave power source, junction boxes at accessible locations for future electrical connection extensions. Cover plates shall be provided for junction boxes that have had devices/light removed with no new replacement in kind. Commencement of work shall be construed as evidence that a careful examination of the portions of the existing building equipment for this work, and access to work spaces, has been made and that the contractor is familiar with existing conditions and difficulties that will affect the execution of the work. Later claims shall not be made for additional labor, equipment or materials required because of difficulties encountered which could have been foreseen during such an examination. Contractor shall be responsible for removing, reinstalling, repairing, or re-aging equipment, ductwork, piping, conduit, wiring and other components of interfering existing systems above and below floor level, as may be required for the performance of the work. All existing electrical system control panels, disconnect switches and starters, etc. that are removed shall be salvaged and delivered to the project manager or representative on site. Properly disposed of equipment not desired by project manager. All demolition work shall be scheduled so as not to interrupt service to facilities operation, where service interruption to the facilities operation can in no way be avoided. This interruption shall be made with minimal inconvenience to the facilities operation. Contractor shall inform building manager before any service interruption is permitted. Advance written notice of seven (7) working days for each individual service interruption. Where the continuity of circuits or conduits serving an existing electrical equipment, lighting or wiring devices to remain in operation is interfered with, re-route and reconnect such circuits or conduits. All cutting and patching of existing plaster, drywall, wood, concrete, etc. for the electrical installation is the responsibility of the electrical contractor. Notify the owner and obtain approval in writing prior to cutting. Care is to be taken that all cuts or coring are to be square to the surface. No chipping shall be allowed. All cutting and coring is to be done wet in order to minimize dust. Electrical contractor shall coordinate with the general contractor for removal or relocation of existing electrical equipment (for example: light fixture, receptacles, devices, conduit, and wire) that will be in conflict with new construction. No additional cost will be permitted for any work not coordinated during the bid process. All devices that have been removed from existing walls and ceilings, conduits abandoned, the E.C. shall coordinate with G.C. of all the patching and repainting, new paint, patching and tiles shall match existing. Exposed conduits abandoned in floor slab shall be cut at floor line at patched. All the patching and repainting, new paint, patching and tiles shall match existing.



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MSL GEORGE W. WOOD LICENSED ARCHITECT: 000 00000 EXPIRATION DATE: 11/03/2024

Owner:

Library Board of Trustees

REVISIONS

Table with 3 columns: REV., DESCRIPTION, DATE. Contains multiple empty rows for revision tracking.

Project Number: 24-0011, Date: 05/06/2024

Electrical Symbols, Abbreviations, and Notes

River Grove Public Library - Remodel

8301 Grand Avenue | River Grove, IL 60171

Drawing Number:

E0.0



EnviroControl Systems Design, Inc. M.E.P. & FP Consultant, 3512 Prestwick Lane, Northbrook, IL 60062, ph. 847.348.1156, mail.us@envirocontrol.us, Design Firm Registration No: 184.001813-0002

PLUMBING DEMOLITION NOTES

- 1. DEMOLITION INFORMATION SHOWN ON THE CONTRACT DOCUMENTS IS INTENDED TO BE SPECIFIC IN NATURE AND MAY NOT ILLUSTRATE ALL MISCELLANEOUS WORK NECESSARY TO COMPLETE THE DEMOLITION AND NEW WORK. REFER TO ARCHITECTURAL DRAWINGS FOR INTENT OF FINAL CONSTRUCTION.
2. DEMOLITION INFORMATION SHOWN ON THE CONTRACT DOCUMENTS IS BASED ON A CURSORY REVIEW OF THE EXISTING CONDITIONS. THE CONTRACTOR SHALL VISIT THE SITE AND EXAMINE EXISTING CONDITIONS PRIOR TO SUBMITTING A BID. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT AND/OR ENGINEER OF ANY DISCREPANCIES BETWEEN THE PLANS AND ACTUAL FIELD CONDITIONS.
3. ALL PLUMBING FIXTURES REQUIRED TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY. THIS CONTRACTOR SHALL KEEP GENERAL CONSTRUCTION REMOVAL TO A MAXIMUM OF 8" AROUND EQUIPMENT, FIXTURE, AND/OR DEVICE.
4. THE DEMOLITION SCOPE OF WORK SHALL INCLUDE PATCHING OF ALL HOLES LEFT BY THE DEMOLITION WORK ON EXPOSED SURFACES TO MATCH EXISTING.
5. THIS CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER OF ANY DANGEROUS OR NON-CONFORMING CONDITIONS PRIOR TO PROCEEDING. EXISTING CONDITIONS SHOWN ARE CORRECT TO THE BEST KNOWLEDGE OF THE ARCHITECT/ENGINEER. IF ACTUAL CONDITIONS VARY, NOTIFY THE ARCHITECT IMMEDIATELY BEFORE PROCEEDING IN AFFECTED AREAS. WHERE EXISTING UTILITIES SHOWN ARE REQUIRED TO BE CAPPED, REMOVED, OR ALTERED, WORK SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE PUBLIC UTILITY COMPANIES AND GOVERNMENTAL DEPARTMENTS. APPROPRIATE AUTHORITIES/AGENCIES SHALL BE NOTIFIED PRIOR TO BEGINNING ANY WORK.
6. THIS CONTRACTOR IS RESPONSIBLE FOR CLEAN UP AND REMOVAL FROM THE SITE OF ALL CONSTRUCTION DEBRIS, SALVAGE MATERIAL, ETC., ON A DAILY BASIS AND AT THE COMPLETION OF THE WORK. ANY OF SAID MATERIALS, DEVICES, OR EQUIPMENT THAT THE OWNER REQUESTS TO BE RETAINED SHALL BE RELOCATED TO AN AREA DESIGNATED BY THE OWNER.
7. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL PLUMBING DEMOLITION/REMOVAL WORK AND FINISHING REQUIREMENTS.
8. PERFORM ALL CUTTING, CORING, AND PATCHING REQUIRED TO COMPLETE THE WORK. PERFORM ALL DEMOLITION AND REMOVAL OF DEBRIS RESULTING THEREFROM AND REQUIRED TO COMPLETE THE WORK. PATCH AND PAINT EXISTING FINISHED SURFACES AND BUILDING COMPONENTS USING NEW MATERIALS TO MATCH EXISTING TEXTURE AND THICKNESS USING EXPERIENCED INSTALLERS. RESTORE TO ORIGINAL CONDITION AFTER INSTALLATION.
9. PROTECT ALL EXISTING PIPING, EQUIPMENT, AND FIXTURES TO REMAIN DURING DEMOLITION AND NEW WORK CONSTRUCTION PERIOD.
10. VERIFY EXISTING CONDITIONS AND LOCATIONS IN FIELD PRIOR TO SUBMITTING PROPOSAL. FAILURE TO DO SO SHALL NOT RELIEVE THIS CONTRACTOR FROM PERFORMING THE WORK REQUIRED UNDER THIS CONTRACT.
11. ALL EQUIPMENT AND MATERIALS SHALL BE REMOVED FROM THE PREMISES. MATERIALS AND EQUIPMENT BECOMES THE PROPERTY OF THE CONTRACTOR AND SHALL BE LEGALLY DISPOSED OF.
12. PROVIDE SAFEGUARDS, INCLUDING WARNING SIGNS, BARRICADES, TEMPORARY FENCES, WARNING LIGHTS, AND OTHER SIMILAR ITEMS THAT ARE REQUIRED FOR PROTECTION OF ALL PERSONNEL DURING DEMOLITION AND REMOVAL OPERATIONS.
13. SEQUENCE OF ALL DEMOLITION WORK SHALL BE IN STRICT ACCORDANCE WITH THE SPECIFICATIONS, DRAWINGS, AND/OR AS DIRECTED BY THE CONSTRUCTION MANAGER.
14. OPENINGS THROUGH FLOORS AND WALLS WHERE PIPING OR EQUIPMENT HAS BEEN REMOVED SHALL BE SEALED TO MAINTAIN ANY FIRE RATINGS AND TO SEAL OFF COLD, SMOKE, AND TOXIC FUMES.
15. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY DAMAGE CAUSED TO EXISTING INSTALLATIONS NOT PERTINENT TO THE CONTRACT. THE COST OF REPAIRS TO SUCH DAMAGED WORK SHALL BE CHARGED AGAINST THE CONTRACTOR.
16. PROVIDE ALL CUTTINGS, CORING, PATCHING, AND FIRE SEALING AS REQUIRED FOR DEMOLITION WORK.
17. EXISTING FIXTURES AND/OR EQUIPMENT TO BE DISCONNECTED AND REMOVED FROM SITE, INCLUDING PIPING, INSULATION, VALVES, WRINGS, CONDUIT, CONCRETE BASES, UNUSED CONNECTIONS, ETC. WITH ALL PIPING AND/OR CONNECTIONS CAPPED WITHIN CHASE WALL, FLOOR OR CEILING SPACE. THIS CONTRACTOR SHALL PERFORM MINOR RESTORATION, CUTTING, PATCHING, AND PAINTING OF EXISTING SURFACES WHICH IS NOT INCLUDED IN THE GENERAL CONTRACTOR'S WORK. COORDINATE MAJOR RESTORATION, CUTTING, PATCHING, AND PAINTING WHICH IS INCLUDED IN THE GENERAL CONTRACTOR'S WORK.
18. ALL PIPING BEING REMOVED MUST BE TAKEN BACK TO WITHIN 2' OF MAIN SOURCE, LEAVING NO DEAD ENDS.
19. PLUMBING DEMOLITION WORK SHALL INCLUDE PIPING, EQUIPMENT, VALVES, AND OTHER ACCESSORIES, ETC. IN SUPPORT OF HVAC EQUIPMENT BEING REMOVED.
20. CONTRACTOR SHALL COMPLY WITH ALL STATE, COUNTY, AND CITY PLUMBING CODES, RULES, REGULATIONS, AND ORDINANCES HAVING JURISDICTION OVER THE DEMOLITION WORK INDICATED.
21. CONTRACTOR SHALL FIELD VERIFY EXACT PIPE LOCATIONS, SIZES, AND FIXTURE LOCATIONS.
22. ALL WORK SHALL BE PHASED TO MINIMIZE DISRUPTION OF ALL EXISTING FACILITY OPERATIONS. PROVIDE TEMPORARY PIPE CAPS AND CONNECTIONS AS REQUIRED TO MAINTAIN OPERATION OF EXISTING PLUMBING SYSTEMS. SHUTDOWN OF EXISTING SERVICES SHALL BE COORDINATED WITH THE OWNER AND SHALL OCCUR AT SUCH A TIME AS IS CONVENIENT FOR THE OWNER.
23. WHERE DEMOLITION OF FIXTURE AND REMOVAL OF PIPING OR OTHER ACCESSORY LEAVES AN OPENING IN THE FLOOR, WALL, OR CEILING, THE SAME SHALL BE PATCHED TO MATCH EXISTING ADJACENT SURFACES.
24. CONTRACTOR SHALL PROTECT ALL EXISTING BUILDING COMPONENTS FROM DAMAGE AT ALL TIMES. DAMAGE TO EXISTING BUILDING COMPONENTS RESULTING FROM DEMOLITION OR CONSTRUCTION WORK BEING PERFORMED SHALL BE REMEDIED AT THE CONTRACTOR'S EXPENSE.
25. EXPOSED EXISTING PIPING NOT TO REMAIN IN USE SHALL BE REMOVED. DISCONNECT ABANDONED WATER PIPING FROM DISTRIBUTION SYSTEM AND DRAIN DOWN. CAP OR PLUG ALL UNUSED OPENINGS.

ABBREVIATIONS

Table with 2 columns: Abbreviation and Full Name. Includes AFF ABOVE FINISHED FLOOR, AP ACCESS PANEL, ARCH ARCHITECTURAL, AV ACID VENT, AW ACID WASTE, CI CAST IRON, CLG CEILING, CO CLEAN OUT, CONT CONTINUED, CONTR CONTRACTOR, CP CUP SINK, CW COLD WATER, DET DETAIL, DF DRINKING FOUNTAIN, DIA DIAMETER, DN DOWN, DWG DRAWING, (E) EXISTING, EXIST EXISTING, FCD FLOOR CLEAN OUT, FD FLOOR DRAIN, FFA FLOOR FROM ABOVE, FFB FLOOR FROM BELOW, GW GREASE WASTE, HS HAND SINK, HW HOT WATER, HWR HOT WATER RETURN, LAV LAVATORY.

NOTE:
1. THIS IS A GENERAL SYMBOL LIST THEREFORE SOME ITEMS MAY NOT DIRECTLY APPLY TO THIS PROJECT AND DRAWINGS.
2. DISREGARD SYMBOLS AND ABBREVIATIONS WHICH DO NOT APPLY TO THIS PROJECT.

PIPING MATERIAL

- SANITARY WASTE, VENT PIPING
1. SERVICE CLASS, CAST-IRON SOIL PIPE AND FITTINGS; LEAD AND OAKUM JOINTS, ASTM A74.
2. COPPER TUBE, COPPER DRAINAGE FITTINGS, AND SOLDERED JOINTS, ASTM B 88, TYPE L.
3. POLYVINYL CHLORIDE (PVC) PIPE AND FITTINGS ASTM D2665.

- ABOVEGROUND DOMESTIC WATER PIPING
1. NPS 3" AND SMALLER: HARD COPPER TUBE, ASTM 888, TYPES K AND L; ASTM B88M, TYPE A AND B; COPPER PRESSURE FITTINGS; ASME B16.18, CAST-COPPER-ALLOY OR B16.22, WROUGHT-COPPER, SOLDER JOINTS FITTINGS.

- INSULATION
1. DOMESTIC HOT WATER PIPING SHALL BE INSULATED WITH 1" THICK, 7# DENSITY, GLASS FIBER PRE-FORMED, ALL PURPOSE FLAME RETARDANT JACKET.
2. COLD WATER PIPING SHALL BE INSULATED WITH AS FOLLOWS:
A. PIPING LESS 1 1/2" WITH 1/2" THICK, 7# DENSITY, GLASS FIBER, PRE-FORMED ALL PURPOSE FLAME RETARDANT VAPOR BARRIER JACKET.
B. PIPING 1 1/2" TO 4" WITH 1" THICK, 7# DENSITY, GLASS FIBER, PRE-FORMED ALL PURPOSE FLAME RETARDANT VAPOR BARRIER JACKET.

SYMBOLS

Table with 2 columns: Symbol and Description. Includes WC - # WATER CLOSET, UR - # URINAL, LAV - # LAVATORY, MB - # MOP BASIN, SK - # SINK, FD - # FLOOR DRAIN, FS - # FLOOR SINK, AD - # OUTSIDE AREA DRAIN.

Table with 2 columns: Line Style and Description. Includes DOMESTIC COLD WATER (blue dashed), DOMESTIC HOT WATER (red dashed), DOMESTIC HOT WATER RECIRCULATION (red solid), GREASE WASTE (purple dashed), GREASE VENT (green dashed), SANITARY SEWER (yellow solid), SANITARY VENT (green dashed), STORM PIPING (blue solid).

WORK IN EXISTING BUILDINGS

- 1. CONTRACTOR SHALL FIELD COORDINATE DUCT ROUTING WITH EXISTING STRUCTURAL CONDUITS, PIPING, ETC. OFFSET, RISE/DROP AS REQUIRED.
2. CONTRACTORS ARE TO VISIT JOB SITE PRIOR TO BIDDING WORK. THEY ARE TO FAMILIARIZE THEMSELVES WITH JOB SITE CONDITIONS. CONTRACTORS ARE TO INCLUDE SUFFICIENT ALLOWANCES FOR ANY MODIFICATION OF PIPING AND VENTILATION SYSTEMS THAT MAY BE REQUIRED DUE TO JOB SITE CONDITIONS.
3. ALL EQUIPMENT AND MATERIAL INDICATED ON THE DEMOLITION DOCUMENTS THAT IS TO BE REMOVED OR RELOCATED OR REUSED ARE SHOWN FOR THE CONVENIENCE OF THE BIDDERS. CONTRACTORS SHALL FIELD VERIFY ALL ITEMS PRIOR TO SUBMITTING A BID. REMOVE ALL ABANDONED DUCTWORK, PIPE AND FITTINGS THAT IS WITHIN THE CONFINES OF THE WORK AREA. IT IS THE INTENT OF THE DEMOLITION WORK TO INCLUDE THE REMOVAL OF ALL EXISTING DUCTWORK AND PIPING THAT IS NO LONGER REQUIRED FOR THE OPERATION OF MECHANICAL SYSTEMS. THE DUCTWORK AND PIPING WITH ITS ASSOCIATED HANGERS AND INSULATION IS TO BE REMOVED IN ITS ENTIRETY FROM THE BUILDING. ALL DEMOLISHED DUCTS AND PIPING ARE TO BE CAPPED AT THE PERIMETER, FLOOR OR CEILING OF THE PROJECT LIMITATIONS. EXISTING ROOF CURBS AND ROOF OPENINGS TO BE ABANDONED IN PLACE AS A RESULT OF EQUIPMENT REMOVAL SHALL BE CAPPED AND SEALED WEATHERTIGHT.
4. SOME OF THE EXISTING ITEMS AND EQUIPMENT SCHEDULES TO BE REMOVED SHALL BE TURNED OVER TO THE OWNER. ANY ITEMS THAT THE OWNER WANTS TO RETAIN SHALL BE REMOVED CAREFULLY AS NOT TO DAMAGE THEM. ALL OTHER ITEMS TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND REMOVED FROM THE SITE.
5. ALL EXISTING EQUIPMENT IS TO REMAIN OPERATIONAL DURING THE CONSTRUCTION PERIOD. EXISTING SERVICES MAY BE SHUTDOWN ONLY FOR A SPECIFIC PERIOD OF TIME ONLY AFTER WRITTEN PERMISSION FROM THE OWNER IS OBTAINED.
6. UNLESS INDICATED OTHERWISE, THE ARCHITECT/ENGINEER MAKES NO REPRESENTATION AS TO WHETHER OR NOT ANY HAZARDOUS OR CONTAMINATED MATERIALS INCLUDING BUT NOT LIMITED TO ASBESTOS, PCB'S, CONTAMINATED SOILS, ETC. ARE PRESENT WITHIN THE EXISTING BUILDING OR ON THE SITE. WORK SHOWN ON THE DRAWINGS AND/OR INDICATED IN THE SPECIFICATIONS SHALL NOT BE CONSTRUED TO CALL FOR CONTACT WITH ANY OF THESE MATERIALS. IF THESE MATERIALS ARE ENCOUNTERED OR SUSPECTED, THE CONTRACTOR SHALL NOT DISTURB THEM AND SHALL CONTACT THE ARCHITECT/ENGINEER IMMEDIATELY.

GENERAL NOTES

- 1. ALL KITCHEN SALES AND AREA EQUIPMENT WILL BE FURNISHED AND INSTALLED EXCEPT AS NOTED. EQUIPMENT WILL BE FURNISHED WITH TRIM AND FAUCETS. EXCEPT AS NOTED, PLUMBING CONTRACTOR SHALL PROVIDE ALL ROUGH-IN TRAPS AND MAKE FINAL CONNECTIONS.
2. ALL PIPING IS SHOWN DIAGRAMMATIC. EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD. SEE FOUNDATIONS PLAN FOR CRITICAL DIMENSIONS. EQUIPMENT LOCATIONS INDICATED ARE APPROXIMATE. COORDINATE EXACT LOCATIONS WITH ALL TRADES BEFORE INSTALLATION.
3. ALL PIPING SHALL BE RUN CONCEALED UNLESS OTHERWISE NOTED.
4. ALL ELEVATIONS SHALL BE VERIFIED AT THE JOB SITE.
5. PROVIDE BACK-FLOW PREVENTER AT THE LOCATIONS REQUIRED BY CODES, AND ALL GOVERNING AUTHORITIES.
6. PROVIDE TRAP PRIMERS IF AS REQUIRED BY LOCAL CODE.
7. ALL ROOF PENETRATIONS SHALL BE AT THE CONTRACTORS EXPENSE.
8. SEE INTERIOR ELEVATIONS FOR DIMENSIONS EFFECTING THIS WORK.
9. COORDINATE, AS REQUIRED, TO ASSURE PROPER AND ADEQUATE PROVISIONS IN THE WORK OF THE TRADES FOR INTERFACE WITH THIS SYSTEM.
10. ALL WORK SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT AND CITY OF CHICAGO BUILDING DEPARTMENT.
11. 5'-0" OF COVER WILL BE REQUIRED ON WATER SERVICES.
12. HOT WATER TEMPERATURE SHALL BE REGULATED TO 110 DEGREES AT ALL PUBLIC LAVATOIRES.
13. PURPLE PRIMER AND STACK TEST WILL BE REQUIRED ON ALL PVC PIPING.
14. 100 LB. TEST WILL BE REQUIRED ON WATER PIPING AT TIME OF ROUGH INSPECTION.
15. MAXIMUM DEVELOPED LENGTH OF CLEAR WATER INDIRECT WASTE TO BE 15'-0".
16. FINAL PLUMBING CONNECTIONS TO ALL EQUIPMENT TO BE MADE BY LICENSED PLUMBER.
17. VACUUM RELIEF VALVE REQUIRED ON WATER HEATERS LOCATED ABOVE FIXTURES.
18. ALL UNDER FLOOR DRAIN LINES TO BE 4" ALL NEW VENT LINES TO BE 2". VENT ALL FLOOR DRAINS AS REQUIRED BY LOCAL CODE. (TYPICAL)
19. SAW-CUT EXISTING CONCRETE SLAB AS REQUIRED TO INSTALL NEW WASTE PIPE AND PATCH FLOOR AS NECESSARY.
20. WASTE RECEPTORS SHALL BE EXTENDED NOT LESS THAN 1" ABOVE A WATER-IMPERVIOUS FLOOR.

DOMESTIC WATER GENERAL NOTES

- 1. PROVIDE BACK FLOW PREVENTER AND SHUT-OFF VALVE ON ANY PIECE OF EQUIPMENT WITH DIRECT CONNECTION TO DOMESTIC WATER SYSTEM.
2. ALL WATER PIPE TO BE TESTED AT 100 PSI (AIR TEST, 1998 ILLINOIS PLUMBING CODE SECTION 890.1930-D).
3. ALL TYPES OF BACK FLOW/BACK SIPHONAGE DEVICES SHALL BE FIELD TESTED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS BY A CERTIFIED TESTER BEFORE INITIAL OPERATION. FINAL PLUMBING IN SECTIONS WILL NOT BE APPROVED WITHOUT TESTERS REPORT BEING SUBMITTED TO THE LOCAL PLUMBING INSPECTOR BEFORE TO FINAL INSPECTION.

M/E/P COORDINATION NOTES

EACH TRADE SHALL PREPARE COORDINATION DRAWINGS. THESE DRAWINGS SHALL DETAIL ALL ELEMENTS, COMPONENTS, AND SYSTEMS OF THE APPLICABLE MECHANICAL, PLUMBING, AND ELECTRICAL TRADE. DRAWINGS SHALL ALSO INDICATE THE WORK LOCATIONS OF OTHER TRADES AND INDICATE THEIR RELATIONSHIP IN ALL AREAS WHERE LIMITED SPACE REQUIRES DETAILED COORDINATION. ALL SYSTEM COMPONENTS OF TRADE BEING PRESENTED SHALL APPEAR DARK AND BE EASILY DISTINGUISHED FROM ARCHITECTURAL INFORMATION OR OTHER SYSTEM INFORMATION INCLUDED FOR COORDINATION PURPOSES. ALL INFORMATION INCLUDED THAT IS NOT A PART OF THE SYSTEM BEING PRESENTED SHALL BE INDICATED LIGHT OR HALF TONE. INDICATE LOCATIONS WHERE SPACE IS LIMITED FOR INSTALLATION AND ACCESS AND WHERE SEQUENCING AND COORDINATION OF INSTALLATIONS ARE OF IMPORTANCE TO THE EFFICIENT FLOW OF THE WORK, INCLUDING BUT NOT NECESSARILY LIMITED TO THE FOLLOWING:

- 1. INDICATE THE PROPOSED LOCATIONS OF PIPING, DUCTWORK, EQUIPMENT, AND MATERIALS. INCLUDE THE FOLLOWING:
A. DUCTWORK MAINS AND BRANCHES, SIZE AND LOCATION, FOR BOTH EXTERIOR AND INTERIOR. LOCATIONS OF DAMPERS AND OTHER CONTROL DEVICES; FILTERS, BOXES, AND TERMINAL UNITS REQUIRING PERIODIC MAINTENANCE OR REPAIR.
B. MAINS AND BRANCHES OF ALL PIPING SYSTEMS, WITH VALVES AND CONTROL DEVICES LOCATED AND NUMBERED; UNIONS LOCATED; AND WITH ITEMS REQUIRING MAINTENANCE. INDICATE ACTUAL INVERTS AND HORIZONTAL LOCATIONS OF UNDERGROUND PIPING.
C. EQUIPMENT LOCATIONS (EXPOSED AND CONCEALED), DIMENSIONED FROM PROMINENT BUILDING LINES.
D. CLEARANCES FOR INSTALLING AND MAINTAINING INSULATION.
E. CLEARANCES FOR SERVING AND MAINTAINING EQUIPMENT, INCLUDING TUBE REMOVAL, FILTER REMOVAL, ETC.
F. EQUIPMENT CONNECTIONS AND SUPPORT DETAILS.
G. EXTERIOR WALL AND FOUNDATION PENETRATIONS.
H. FIRE-RATED WALL AND FLOOR PENETRATIONS.
I. SIZES AND LOCATION OF REQUIRED CONCRETE PADS AND BASES.
J. VALVE STEM MOVEMENT.
K. INDICATE LOCATION OF ALL EQUIPMENT, DUCTWORK, PIPING, ETC., WITH DIMENSIONS FROM PROMINENT BUILDING LINES; AND ELEVATIONS ABOVE CORRESPONDING FLOORS, ROOFS OR GRADE AS APPLICABLE.
2. INDICATE SCHEDULING, SEQUENCING, MOVEMENT, AND POSITIONING OF LARGE EQUIPMENT INTO THE BUILDING DURING CONSTRUCTION.
3. PREPARE FLOOR PLANS, ELEVATIONS, AND DETAILS TO INDICATE PENETRATIONS IN FLOORS, WALLS, AND CEILINGS AND THEIR RELATIONSHIP TO OTHER PENETRATIONS AND INSTALLATIONS.
4. PREPARE REFLECTED CEILING PLANS TO COORDINATE AND INTEGRATE INSTALLATIONS, DUCTWORK, LIGHT FIXTURES, PIPING, AND OTHER CEILING-MOUNTED ITEMS. DIMENSION ALL ITEMS FROM PROMINENT BUILDING LINES.
5. SUBMIT ALL COORDINATION DRAWINGS AND/OR SHOP DRAWINGS PRIOR TO PURCHASE, FABRICATION, OR INSTALLATION OF ANY EQUIPMENT. ANY WORK STARTED OR EQUIPMENT PURCHASED PRIOR TO THE REVIEW OF SUBMITTED DRAWINGS BY THE ARCHITECT/ENGINEER IS DONE AT THE CONTRACTOR'S RISK. THE OFFENDING CONTRACTOR SHALL BE ENTIRELY RESPONSIBLE FOR ALL CHANGES, MODIFICATIONS, AND/OR EXTRA SERVICES REQUIRED RESULTING FROM THE IMPROPER COORDINATION AND/OR IMPROPER SUBMITTAL PROCESS.
6. ENIRCLE OR BUBBLE ANY REVISIONS MADE ON DRAWINGS BEING SUBMITTED MORE THAN ONE TIME. INDICATE ALL REVISIONS OR CHANGES MADE SUBSEQUENT TO THE PREVIOUS SUBMITTAL REVIEWED BY THE ARCHITECT/ENGINEER.

PLUMBING DRAWING LIST table with columns: SHEET, DESCRIPTION, DATE. Includes P0.0 Plumbing Notes, Symbols, and Abbreviations (06/10/24) and DP1.1 Plumbing Demolition Floor Plan (06/10/24).

PLUMBING NOTES

- 1. THE GENERAL CONDITIONS AND SUPPLEMENTAL GENERAL CONDITIONS ISSUED BY THE ARCHITECT SHALL GOVERN WHERE APPLICABLE.
2. THIS CONTRACTOR SHALL THOROUGHLY FAMILIARIZE HIMSELF WITH THE PLANS AND SHALL VERIFY EXISTING SITE CONDITIONS AT THE JOB SITE BEFORE SUBMITTING A BID. FAILURE TO RECOGNIZE WORK REQUIRED SHALL BE AT THE EXPENSE OF THIS CONTRACTOR. NO CONSIDERATION SHALL BE GIVEN FOR ADDITIONAL COST.
3. ENTIRE INSTALLATION SHALL BE PERFORMED IN A FIRST-CLASS WORKMANLIKE MANNER. THE COMPLETED SYSTEMS SHALL BE FULLY OPERATIONAL. ACCEPTANCE BY THE OWNER SHALL BE A CONDITION OF THE CONTRACT. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCES. PRESERVE MAXIMUM HEADROOM, AND AVOID OMISSIONS.
4. THIS CONTRACTOR SHALL MAKE ALL NECESSARY TAPS AS CALLED FOR ON THE CONTRACT DOCUMENTS.
5. ALL WORK SHOWN OR INDICATED ON THE PLAN SHALL BE LEFT CLEAN AND IN FULL OPERATING CONDITION AND FULLY TESTED.
6. THIS CONTRACTOR SHALL REMOVE ALL DEBRIS EACH DAY AND ON COMPLETION OF THE JOB AND CLEAN ALL FIXTURES.
7. INSULATE ALL HOT AND COLD WATER LINES. PIPE COVERING SHALL BE 1" THICK, 2.5 LBS. DENSITY FIBERGLASS WITH MOLDED FITTINGS AND BUTT JOINTS AND VAPOR BARRIER.
8. IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO START UP, ADJUST, AND CHECK FOR PROPER OPERATION OF ALL EQUIPMENT INSTALLED UNDER THIS CONTRACT.
9. THIS CONTRACTOR SHALL ALLOW IN HIS INITIAL BID THE COST OF SERVICE ON ALL EQUIPMENT INSTALLED UNDER THIS CONTRACT FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE OF THE WORK BY OWNER.
10. ALL WATER PIPING SHALL BE TESTED WITH WATER UNDER PRESSURE OF 150 PSI AND MADE TIGHT AT THIS PRESSURE.
11. ALL SOIL, WASTE AND VENT SHALL BE SUBJECTED TO A HYDROSTATIC TEST OF NOT LESS THAN 10 FEET OF WATER COLUMN, AND PROVEN TO BE WATER TIGHT.
12. BEFORE TURNING PLUMBING SYSTEM OVER TO THE OWNER, CHLORINATE ALL DOMESTIC WATER PIPING FOR A PERIOD OF 24 HOURS. AFTER CHLORINATION HAS BEEN COMPLETED, FLUSH ALL PIPING UNTIL WATER RUNS CLEAR AND IS RESIDUAL CHLORINE FREE.
13. ALL PLUMBING WORK SHALL CONFORM TO THE APPLICABLE PLUMBING CODE REQUIREMENTS.
14. THIS CONTRACTOR SHALL PROVIDE FLOW RESTRICTORS ON WATER LINE AS PER APPLICABLE PLUMBING CODE.
15. ANY MINOR CHANGES IN LOCATION OF PIPING AND EQUIPMENT FROM THOSE SHOWN ON THE DRAWINGS SHALL BE MADE WITHOUT COST TO THE OWNER IF SO DIRECTED BY THE ARCHITECT / OWNER BEFORE INSTALLATION.
16. PROVIDE DIELECTRIC FITTINGS BETWEEN DISSIMILAR METAL PIPING MATERIALS.

- 17. ALL FIXTURES SHALL BE NEW AND FREE FROM FLAWS OR BLEMISHES. ALL FINISHED SURFACES SHALL BE CLEAR, SMOOTH AND BRIGHT, AND GUARANTEED NOT TO CRACK, DISCOLOR, OR SCALE. ALL FIXTURES, INCLUDING FAUCETS, ESCUTCHEON, WASTES, STRAINERS, TRAPS, SUPPLIES, STOPS, ETC., SHALL BE HEAVILY CHROME PLATED.
18. ALL FIXTURES AND EQUIPMENT SHALL BE SUPPLIED AND MANUFACTURED AS NOTED IN THE "PLUMBING FIXTURE AND EQUIPMENT SCHEDULE". NO SUBSTITUTIONS WILL BE ALLOWED TO THE FIXTURES AND EQUIPMENT NOTED UNLESS PRIOR APPROVAL IS GIVEN BY ARCHITECT / OWNER.
19. BEFORE COMMENCEMENT OF WORK, CONTRACTOR SHALL VERIFY LOCATIONS, ELEVATIONS, AND CHARACTERISTICS OF UTILITIES AND PIPING, AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
20. EXACT LOCATIONS AND MOUNTING HEIGHTS OF PLUMBING FIXTURES SHALL BE OBTAINED FROM ARCHITECTURAL DRAWINGS.
21. CONTRACTOR SHALL MAKE ALL ARRANGEMENTS WITH OWNER FOR WATER, SEWER, SERVICE, AND CONNECTIONS, AND SHALL PAY FOR ALL FEES, CHARGES, AND PERMITS.
22. INSTALL ALL PLUMBING TO AVOID INTERFERENCE WITH ELECTRICAL AND MECHANICAL EQUIPMENT, AND STRUCTURAL FRAMING. WATER AND DRAIN LINES ARE NOT PERMITTED OVER OR UNDER ELECTRICAL PANELS.
23. THIS CONTRACTOR SHALL FURNISH AND INSTALL FAUCETS, TRAPS, STOPS, GATE VALVES, WATER HAMMER ARRESTERS, AND CLEANOUT COVERS. FURNISH AND INSTALL ALL NECESSARY TRIM FOR A COMPLETELY CONNECTED PLUMBING SYSTEM.

- 24. DURING THE PROCESS OF THE WORK, MAINTAIN AN ACCURATE RECORD OF ALL CHANGES MADE IN THE PLUMBING SYSTEMS. THE RECORD DRAWING SHALL SHOW CHANGES IN MANUFACTURER (WITH NUMBERS AND TRADE NAMES), MATERIALS, SIZES, AND HOOK-UP POINTS.
25. UPON COMPLETION OF PROJECT, THIS CONTRACTOR SHALL INSPECT ALL EXPOSED PORTIONS OF THE PLUMBING FIXTURE INSTALLATION AND COMPLETELY REMOVE ALL EXPOSED SOIL, MARKINGS, AND FOREIGN MATERIAL, EXCEPT PRODUCT LABELS AND THOSE REQUIRED BY LAW.
26. UNDER NO CIRCUMSTANCES WILL THE CONTRACTOR BE GIVEN CONSIDERATION FOR ADDITIONAL COMPENSATION DUE TO HIS NEGLIGENCE TO COMPLY WITH ALL OF THE FOREGOING REQUIREMENTS.
27. WHERE DRAWINGS, SPECIFICATIONS, AND NOTES CONFLICT WITH ONE ANOTHER THE CONTRACTOR SHALL IMMEDIATELY ADVISE THE ARCHITECT OF SUCH CONFLICTS.
28. PROVIDE COMPETENT OPERATING TECHNICIAN TO INSTRUCT THE OWNER IN THE OPERATION AND MAINTENANCE OF THE INSTALLED EQUIPMENT.
29. INSTALL FLUSH VALVES OR LEVER ON WIDE SIDE OF FIXTURES.
30. LOCATE ALL VALVES FOR SERVICE ACCESSIBILITY. VALVES INSTALLED ABOVE CEILINGS SHALL BE WITHIN 18" OF CEILING. SEE DRAWINGS FOR LOCATIONS.

- 31. CONDITIONS SHOWN ON THE PLANS RELATIVE TO THE WORK TO BE PERFORMED ARE BASED ON THE BEST INFORMATION AVAILABLE BUT ARE SUBJECT TO VERIFICATION. VERIFY EXACT LOCATIONS AND ELEVATIONS OF UTILITY TO BE CROSSED OR CONNECTED. CORRECT DEFICIENCIES CAUSED BY FAILURE TO PERFORM SUCH VERIFICATIONS AT NO EXPENSE TO OWNER. IMMEDIATELY NOTIFY ARCHITECT AND ENGINEER OF CONDITION IN CONFLICT WITH THESE PLANS.
32. PROVIDE PIPING EQUIPMENT AND MATERIALS IN ACCORDANCE WITH APPLICABLE PLUMBING CODE REGULATIONS AND STANDARDS, AUTHORITIES HAVING JURISDICTION, AND AS OTHERWISE RECOMMENDED OR DIRECTED BY MANUFACTURERS.
33. COORDINATE INSTALLATION OF PIPING BELOW AND ABOVE GRADE WITH STRUCTURAL COMPONENTS AND OTHER SYSTEM INSTALLATIONS.
34. COORDINATE ALL FIXTURES, EQUIPMENT, AND PIPE ROUGH-IN CONNECTION LOCATIONS WITH ARCHITECTURAL DRAWINGS, TENANT'S REPRESENTATIVE, AND SUPPLIER OF EQUIPMENT PRIOR TO INSTALLATION.
35. ALL PIPING ROUTED THROUGH ROOF SHALL BE INSTALLED PER ARCHITECTURAL DETAILS.
36. COORDINATE EXACT LOCATION OF ALL ACCESS PANELS WITH RESTROOM FIXTURES AND TOILET PARTITIONS. VERIFY EXACT LOCATION WITH ARCHITECT PRIOR TO DOING ANY WORK.
37. INSTALL ALL OVERHEAD PIPING AS CLOSE TO STRUCTURE AS POSSIBLE TO PRESERVE MAXIMUM HEADROOM. HOLD TIGHT TO BOTTOM OF STRUCTURAL MEMBERS.
38. ALL PIPING SHALL BE CONCEALED IN WALLS OR ABOVE CEILING WHERE POSSIBLE.
39. DO NOT SCALE THESE DRAWINGS. REFER TO ARCHITECTURAL EQUIPMENT PLAN FOR EXACT LOCATION OF EQUIPMENT.

- 40. EXISTING UNDERGROUND UTILITIES SHOWN ARE NOT GUARANTEED TO BE ACCURATE. CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UNDERGROUND UTILITIES BEFORE COMMENCING WORK. CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES THAT MAY RESULT BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. ALL EXISTING UNDERGROUND UTILITIES DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER AT NO EXTRA COST TO THE CONTRACTOR.

BIDDING NOTE

UNLESS INDICATED ON ARCHITECTURAL DRAWINGS, THIS CONTRACTOR SHALL BE RESPONSIBLE AND PAY FOR ALL CORING, CUTTING, PATCHING, REPAIRING, REFINISHING AND REMOVAL/REPLACEMENT OF NEW OR EXISTING BUILDING CONSTRUCTION (INCLUDING BUT NOT LIMITED TO: CEILING, CEILING TILES, LIGHTS GRID, WALLS, FLOORS AND ROOF) REQUIRED TO ACCOMMODATE OR REMOVAL OF THEIR WORK. ALL PATCHING, REPAIRING AND REFINISHING WORK SHALL BE PERFORMED BY THOSE REGULARLY INVOLVED IN THAT TRADE AND SHALL MATCH THE ADJACENT CONSTRUCTION. WORK SHALL BE REPAIRED, REPLACED AND PAID FOR BY THE CONTRACTOR AS CLOSELY AS POSSIBLE. CARE SHALL BE TAKEN SO AS NOT TO DAMAGE ANY EXISTING BUILDING CONSTRUCTION OR ITEMS THAT ARE TO REMAIN. ANY EXISTING FINISHES THAT ARE DAMAGED DURING THE INSTALLATION OF NEW WORK OR REMOVAL OF EXISTING WORK SHALL BE REPAIRED, REPLACED AND PAID FOR BY THE INSTALLING CONTRACTOR, TO THE SATISFACTION OF THE ARCHITECT AND OWNER.



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NSI: GEORGEY WARDY LICENSED ARCHITECT #010000 EXPIRATION DATE: 11/30/2024



REVISIONS

Table with columns: REV., DESCRIPTION, DATE. Contains multiple empty rows for revisions.

Project Number: 24-144C1 Date: 06.10.2024

Drawing Title: Plumbing Notes, Symbols, and Abbreviations

Project Title: River Grove Public Library - Remodel

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