MOLINE-COAL VALLEY SCHOOL DISTRICT

2026 FACILITY IMPROVEMENTS

BUTTERWORTH ELEMENTARY SCHOOL	4205 48th St, Moline, IL 61265
WASHINGTON ELEMENTARY SCHOOL	1550 41th St, Moline, IL 61265
LOGAN ELEMENTARY SCHOOL	1602 25th St, Moline, IL 61265
MOLINE HIGH SCHOOL	3600 Avenue of the Cities, Moline, IL 61265



BUTTERWORTH ELEMENTARY SCHOOL



LOGAN ELEMENTARY SCHOOL

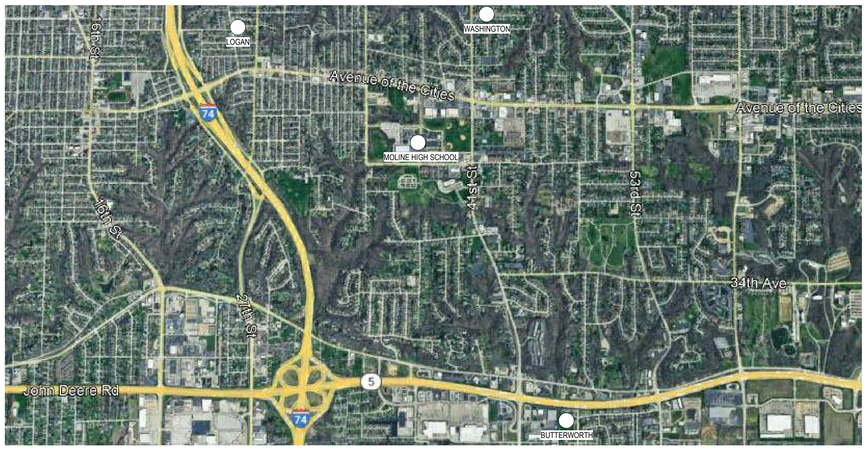


WASHINGTON ELEMENTARY SCHOOL



MOLINE HIGH SCHOOL

SITE LOCATION MAP



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SCHEDULE OF DRAWINGS

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RELEASE

BIDDING

DATE OF ISSUE

02.16.2026

ARCHITECT'S PROJECT NUMBER

225057.00

LEGAT ARCHITECTS

LEGAT ARCHITECTS
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT

2026 FACILITY IMPROVEMENTS

BUTTERWORTH ELEMENTARY SCHOOL
LOGAN ELEMENTARY SCHOOL
WASHINGTON ELEMENTARY SCHOOL
MOLINE HIGH SCHOOL

ARCHITECT
Legat Architects, Inc.
1515 5th Ave, Suite 108
Moline, IL 61265
P: 309.517.5536
www.legat.com

MEP/FP ENGINEER
RTM Engineering Consultants
5137 Utica Ridge Rd.
Davenport, IA 52807
P: P: 563.726.6310
www.rtmec.com

SIGNATURE

DATE

REVISIONS

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TITLE SHEET

G-001
BIDDING

ABBREVIATIONS

ABB	DESCRIPTION
A/C	AIR CONDITIONING
ABV	ABOVE
AC	ARCHITECTURAL CONCRETE
ACM	ALUMINUM COMPOSITE MATERIAL
ACT	ACOUSTIC CEILING TILE
ADA	AMERICANS WITH DISABILITIES ACT
ADJ	ADJACENT
ADO	AUTOMATIC DOOR OPENER
ADOP	AUTOMATIC DOOR OPENER ON PEDESTAL
AEC	ARCHITECTURALLY EXPOSED CONCRETE
AED	AUTOMATED EXTERNAL DEFIBRILLATOR
AESS	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
AIB	AIR INFILTRATION BARRIER
ALT	ALTERNATE
ALUM / AL	ALUMINUM
ANOD	ANODIZED
AOR	AREA OF REFUGE
AP	ACCESS PANEL
APPROX	APPROXIMATELY
ARA	AREA OF RESCUE ASSISTANCE
ARCH	ARCHITECTURAL
AS	ACOUSTICAL SEALANT
ASH	ADJUSTABLE SHOWER HEAD
AWP	ACOUSTIC WALL PANEL
B	BASE CABINET
B/	BOTTOM OF
BBT	BIO-BASED TILE
BD	BOARD
BF	BOTTLE FILLER
BLK	BLOCKING
BO	BY OWNER
BRZ	BRONZE
BS	BOTH SIDES
BSMT	BASEMENT
CB	CATCH BASIN
CD	CORNICE DRAIN
CG	CORNER GUARD
CH	COAT HOOK
CJ	CONTROL JOINT
CL	CENTER LINE
CLG	CEILING
CLR	CLEAR(ANCE)
CMU	CONCRETE MASONRY UNIT
CNTR	COUNTER
CO	CLEAN OUT
COL	COLUMN
CONC	CONCRETE
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
CORR	CORRIDOR
CP	CENTER POINT
CPT	CARPET (BROADLOOM)
CPTT	CARPET TILE
CR	CARD READER
CT	CERAMIC TILE
CTB	CERAMIC TILE BASE
CTF	CERAMIC TILE FLOOR
CTW	CERAMIC TILE WALL
D	DATA OUTLET
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DISH	DISHWASHER
DLO	DAYLITE OPENING
DN	DOWN
DR	DOOR
DS	DOWNSPOUT
DW	DOMESTIC WATER
DWG	DRAWING
EA	EACH
EC	EXPOSED CONSTRUCTION
EF	EACH FACE
EH	EXHAUST HOOD

ABBREVIATIONS

ABB	DESCRIPTION
EHD	ELECTRIC HAIR DRYER
EJ	EXPANSION JOINT
EL / ELEV	ELEVATION
ELEC	ELECTRICAL
EMS	ENTRANCE MAT SYSTEMS
EP	ELECTRICAL PANEL
EQ	EQUAL
EWC	ELECTRIC WATER COOLER
EWS	EYE WASH STATION
EX / EXIST	EXISTING
EXP	EXPOSED
EXR	EXISTING TO REMAIN
F	FLUSH DOOR
F/	FACE OF
FAAP	FIRE ALARM SYSTEM ANNUNCIATOR PANEL
FABRIC	FABRIC
FACP	FIRE ALARM CONTROL PANEL
FAP-X	FABRIC WRAPPED ACOUSTIC PANEL - (X = THICKNESS OF THE PANEL)
FB	FACE BRICK
FBN	FLIP BENCH
FBO	FURNISHED BY OWNER
FCO	FLOOR CLEAN OUT
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FECB	FIRE EXTINGUISHER, CABINET AND BLANKET
FF	FACTORY FINISH
FG	FULL GLASS DOOR
FGD	FULL GLASS DOOR - PAIR
FH	FULL HEIGHT
FL	FLUSH LOUVER DOOR
FL-2	FLUSH LOUVER DOOR - PAIR
FLR	FLOOR
FOF	FACE OF FOUNDATION
FOM	FACE OF MASONRY
FOS	FACE OF STUD
FOW	FACE OF WALL
FT	FOOT / FEET
GA	GAUGE
GALV	GALVANIZED
GAS	GAS METER AND REGULATOR
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GL	GLASS
GL BLK	GLASS BLOCK
GLZ	GLAZING
GRND	GROUND
GWB	GYPSUM WALL BOARD
GYP	GYPSUM
HB	HOSE BIBB
HD	ELECTRIC HAND DRYER
HDS	HIGH DENSITY STORAGE
HDWR	HARDWARE
HG	HALF GLASS DOOR
HG-2	HALF GLASS DOOR PAIR
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HP	HIGH POINT
HPC	HIGH PERFORMANCE COATING
HR	HOUR
HT	HEIGHT
HVAC	HEATING, VENTILATION, AIR CONDITIONING
HWH	HOT WATER HEATER
ID	INSIDE DIAMETER
IN	INCH
INFO	INFORMATION
INSUL	INSULATION
INT	INTERIOR
IPS	INTERIOR PAINT SYSTEM
JC	JANITOR'S CLOSET
JT	JOINT
KB	KNOX BOX
KS	KNEE SPACE
LAM	LAMINATED
LAV	LAVATORY
LIN	LINOLEUM
LP	LOW POINT

ABBREVIATIONS

ABB	DESCRIPTION
LTL	LINTEL
LVR	LOUVER
LVT	LUXURY VINYL TILE
M	MIRROR
MAT'L	MATERIAL
MAX	MAXIMUM
MB#	MARKERBOARD (#DENOTES WIDTH, REFER TO INTERIOR ELEVATIONS FOR MOUNTING HEIGHTS
MCM	METAL COMPOSITION MATERIAL
MD	MASONRY DIMENSION
MDF	MEDIUM DENSITY FIBERBOARD
MECH	MECHANICAL
MED	MEDIUM
MEZZ	MEZZANINE
MFR / MANUF	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM / MINUTE
MISC	MISCELLANEOUS
ML	MATCH LINE
MO	MASONRY OPENING
MP	METAL PANEL
MST	MOSAIC TILE
MSTB	MOSAIC TILE BASE
MT	METAL TRANSITION
MTD	MOUNTED
MTL	METAL
MU	MECHANICAL UNIT
MW	MICROWAVE
MWL	METAL WARDROBE LOCKER
MX	MAILBOX UNIT
NC	NOISE CRITERIA
NIC	NOT IN CONTRACT
NL	NARROW LIGHT DOOR
NLR	NARROW LIGHT DOOR - RATED
NLR-2	NARROW LIGHT DOOR - RATED PAIR
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OA	OVERALL
OC	ON CENTER
OCD	OVERHEAD COILING DOOR
OD	OUTSIDE DIAMETER
OH	OPPOSITE HAND
OPNG	OPENING
OPP	OPPOSITE
ORD	OVERFLOW ROOF DRAIN
OSB	ORIENTED STRAND BOARD
OSD	OPEN SITE DRAIN
P	PHONE OUTLET
PART	PARTITION
PATT	PATTERN
PC	PRECAST CONCRETE
PCO	POLISHED CONCRETE
PL	PROPERTY LINE
PLAM	PLASTIC LAMINATE
PLWD	PLYWOOD
PNT	PAINT
PR	PAIR
PREFAB	PREFABRICATED
PSE	MOTORIZED PROJECTION SCREEN
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSM	MANUAL PROJECTION SCREEN
PT	PORCELAIN TILE
PTB	PORCELAIN TILE BASE
PTD	PAPER TOWEL DISPENSER
PTD	PAINTED
PTF	PORCELAIN TILE FLOOR
PTST	PORCELAIN TILE STAIR TREAD
PTTWS	PORCELAIN TILETACTILE WARNING STRIP
PTW	PORCELAIN TILE WALL
PVC	POLYVINYL CHLORIDE
Q	QUAD POWER OUTLET
QT	QUARRY TILE
QTY	QUANTITY
R	RISER
RAD	RADIUS

ABBREVIATIONS

ABB	DESCRIPTION
RAL	ROOF LADDER
RB	RUBBER BASE
RBST	RUBBER STAIR TREAD
RD	ROOF DRAIN
REF	REFERENCE / REFER TO
REF	REFRIDGERATOR
REINF	REINFORCED
REQD	REQUIRED
RES	RESINOUS FLOORING
RESB	RESINOUS INTEGRAL BASE
REV	REVISION
RF	RUBBER FLOOR
RFT	RUBBER FLOOR TILE
RM	ROOM
RO	ROUGH OPENING
ROW	RIGHT OF WAY
RP	RESIN PANEL
RSE	ROLLER SHADE - MOTORIZED
RSES	SKYLIGHT ROLLER SHADE - MOTORIZED
RSL	ROLLER SHADE LEFT CONTROL
RSR	ROLLER SHADE RIGHT CONTROL
RT	RESILIENT TRANSITION
RTU	ROOF TOP UNIT
RUBR	RUBBER
SC	SHOWER CURTAIN
SD	SOAP DISPENSER
SECT	SECTION
SHT	SHEET
SIM	SIMILAR
SND	SANITARY NAPKIN DISPOSAL
SNV	SANITARY NAPKIN VENDOR
SPEC	SPECIFICATION
SPM	SINGLE PLY MEMBRANE
SQ	SQUARE
SS / ST STL	STAINLESS STEEL
SSF	SOLID SURFACE
SSG	SILICONE STRUCTURAL GLAZING
ST	SEALANT TAPE
ST	STEEL
STC	SOUND TRANSMISSION COEFFICIENT
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRUCT	STRUCTURAL
STT	STONE THRESHOLD
STV	STOVE
SUSP	SUSPENDED
SV	SHEET VINYL
T	TREAD
T	TALL STORAGE CABINET
T/	TOP OF
TB#	TACKBOARD (# DENOTES WIDTH; REFER TO INTERIOR ELEVATIONS FOR MOUNTING HEIGHTS)
TBR	TOWEL BAR
TC	TOILET COMPARTMENT
TD	TRENCH DRAIN
TEL	TELEPHONE
TFF	TOP OF FINISH FLOOR
THK	THICK
TP	TOILET PAPER
TPD	TOILET PAPER DISPENSER
TPO	THERMOPLASTIC OLEFIN
TRZ	TERRAZZO
TS#	TACK STRIP (# DENOTES WIDTH; REFER TO INTERIOR ELEVATIONS FOR MOUNTING HEIGHTS)
TV	TELEVISION
TYP	TYPICAL
UC	UNDER COUNTER
UNO	UNLESS NOTED OTHERWISE
UR	URINAL
US	URINAL SCREEN
VB	VAPOR BARRIER
VB	VINYL BASE
VBFS	RECESSED VOLLYBALL FLOOR SLEEVE
VC	VOLUME CONTROL
VCT	VINYL COMPOSITION TILE

ABBREVIATIONS

ABB	DESCRIPTION
VDB	VISUAL DISPLAY BOARD
VEND	VENDING MACHINE
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
VP	VENT PIPE
VT	VINYL TILE
VWC	VINYL WALL COVERING
W	WALL CABINET
W	WITH
WD	WASHER / DRYER
W/O	WITHOUT
WC	WATER CLOSET
WCO	WALL CLEAN OUT
WD	WOOD
WM	WALKOFF MAT
WP	WATERPROOF
WPNL	WOOD PANEL
WPT	WORK POINT
WWF	WELDED WIRE FABRIC
YCO	YARD CLEAN OUT

DEMOLITION PLAN GENERAL NOTES

1. REFERENCED DEMOLITION NOTES REFER TO THE MINIMUM AMOUNT OF DEMOLITION REQUIRED TO ACCOMMODATE THE NEW CONSTRUCTION. TRADE CONTRACTORS SHALL VISIT PROJECT SITE TO BECOME FAMILIAR WITH COMPLETE SCOPE OF REMOVALS/DEMOLITIONS AND FIELD VERIFY THE EXTENT OF DEMOLITION.
2. EXISTING DIMENSIONS AND HATCHED AREAS ARE FOR GENERAL REFERENCE AND BIDDING PURPOSES ONLY. CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN FIELD. THE ACTUAL AREA OF DEMOLITION SHOULD BE KEPT TO THE MINIMUM REQUIRED TO PROPERLY EXECUTE THE CONTRACT REQUIREMENTS.
3. IN THE EVENT THAT AN EXISTING ITEM NOT SHOWN ON THE DRAWINGS CONFLICTS WITH WORK UNDER THIS CONTRACT, CONTACT THE ARCHITECT PRIOR TO REMOVAL OF THAT ITEM.
4. ALL UTILITIES SHALL REMAIN IN SERVICE FOR OTHER OCCUPANCIES. ANY SHUTDOWNS OF BUILDING MUST BE APPROVED BY OWNER AND OCCUR AT OFF HOURS AS DEFINED BY OWNER.
5. THE OWNER HAS FIRST RIGHT OF REFUSAL FOR ALL MATERIAL OR EQUIPMENT IDENTIFIED TO BE REMOVED. ALL ITEMS NOT TURNED OVER TO THE OWNER SHALL BE DISPOSED OF PROPERLY AND LAWFULLY.
6. REFER TO DRAWINGS FOR LOCATIONS OF ALL ITEMS TO BE REINSTALLED. ALL ITEMS NOT SPECIFICALLY INDICATED FOR REINSTALLATION ON DRAWINGS ARE TO BE TURNED OVER TO THE OWNER. ALL ITEMS NOT TURNED OVER TO THE OWNER SHALL BE DISPOSED OF PROPERLY AND LAWFULLY.
7. ALL REMOVED ITEMS IDENTIFIED FOR REINSTALLATION OR TO BE TURNED OVER TO THE OWNER SHALL BE PROTECTED UNTIL TIME OF REINSTALLATION OR OWNER POSSESSION. DAMAGED ITEMS SHALL BE REPAIRED OR REPLACED BY THE RESPONSIBLE TRADE CONTRACTOR.
8. THROUGHOUT DEMOLITION AND CONSTRUCTION, PROTECT ITEMS SCHEDULED TO REMAIN AND/OR ALL ADJACENT MATERIALS AND EQUIPMENT, ETC. INDICATED TO REMAIN. COORDINATE REMOVAL AND PROTECTIONS WITH OWNER.
9. DO NOT COMMENCE DEMOLITION UNTIL OWNER HAS REMOVED ALL ARTWORK AND DISPLAYS FROM AREAS OF DEMOLITION.
10. COORDINATE WITH OWNER ACCESS AND LOCATIONS OF TEMPORARY PARTITION. TEMPORARY PARTITION MUST BE DUSTPROOF, AND ACT AS SMOKE AND FIRE BARRIER.
11. AT REMOVAL OF SELECTED DEMOLITION ITEMS WHERE NO NEW CONSTRUCTION IS IDENTIFIED, PATCH, CLEAN, PREPARE, AND PAINT SURFACES TO MATCH FINISH COLOR, TEXTURE AND SHEEN OF ADJACENT SURFACES.
12. AT ITEMS TO BE REMOVED, ALSO REMOVE ALL ASSOCIATED BRACKETS, SUPPORTS, FASTENERS, ANCHORS, ETC. PATCH, CLEAN, PREPARE, AND PAINT SURFACES TO MATCH FINISH COLOR, TEXTURE AND SHEEN OF ADJACENT SURFACES.
13. ALL WALL DEMOLITION SHALL HAVE CLEAN, VERTICAL, SMOOTH CUTS. PATCH, REPLACE AND/OR FILL VOIDS IN WALLS TO REMAIN TO PROVIDE A SMOOTH SURFACEEDGE FOR THE APPLICATION OF NEW FINISH MATERIAL.
14. WHEN REMOVING EXISTING CEILING TILE, REMOVE FINISHES TO THE NEAREST JOINT WHICH ABUTS TILE NOT AFFECTED BY THE CONSTRUCTION. PROTECT THE SURFACES AND EDGES OF EXISTING FINISHES TO REMAIN.
15. CONTRACTOR SHALL REMOVE EXISTING PLUMBING, MECHANICAL, ELECTRICAL OR OTHER MISCELLANEOUS ITEMS REQUIRED TO COMPLETE NEW WORK BUT NOT REQUIRED TO REMAIN.
16. CONTRACTOR SHALL REMOVE ALL DEBRIS AND TRASH RESULTING FROM CONSTRUCTION ON A DAILY BASIS.
17. GENERAL CONTRACTOR SHALL RECYCLE DEMOLITION CONSTRUCTION DEBRIS IN ACCORDANCE WITH AUTHORITIES HAVING JURISDICTION AND SUSTAINABLE BEST PRACTICES.
18. IN THE EVENT HAZARDOUS MATERIALS ARE UNCOVERED GENERAL CONTRACTOR IS TO NOTIFY THE OWNER AND THE APPROPRIATE AUTHORITIES. THE ARCHITECT IS NOT RESPONSIBLE FOR REMOVAL / ABATEMENT OF HAZARDOUS MATERIALS. CONTRACTOR TO PROVIDE REMOVAL / ABATEMENT AT LOCATIONS NECESSARY.
19. REFER TO THE ELECTRICAL DRAWINGS FOR THE DEMOLITION WORK SPECIFIC TO THOSE DISCIPLINES.

GENERAL NOTES

1. ALL WORK SHALL BE COMPLIANT WITH THE CODES, ORDINANCES, AND REGULATIONS OF THE AUTHORITIES HAVING JURISDICTION OVER THE PROJECT LOCATION.
2. THE TRADE CONTRACTORS' PERSONNEL SHALL NOT BE ALLOWED ON THE PROJECT SITE WITHOUT COMPLYING WITH THE OWNERS SECURITY PROTOCOLS.
3. WHERE CONFLICTS EXIST WITHIN OR BETWEEN PARTS OF THE CONTRACT DOCUMENTS, OR BETWEEN THE CONTRACT DOCUMENTS AND APPLICABLE STANDARDS, CODES, ORDINANCES, AND REGULATIONS THE MORE STRINGENT OR HIGH QUALITY OR GREATER QUALITY REQUIREMENT(S) SHALL APPLY. LARGE-SCALE DRAWINGS TAKE PRECEDENCE OVER SMALL-SCALE DRAWINGS; FIGURED DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS; AND NOTED MATERIALS TAKE PRECEDENCE OVER GRAPHIC REPRESENTATIONS.
4. THE CONTRACT DOCUMENTS IDENTIFY THE MINIMUM AMOUNT OF WORK REQUIRED. TRADE CONTRACTORS SHALL PROVIDE THE EXTENT OF WORK NECESSARY FOR A COMPLETE INSTALLATION.
5. REFER TO THE PROJECT MANUAL FOR PRODUCTS, MATERIALS, AND PROCEDURES NOT IDENTIFIED ON THE CONTRACT DRAWINGS.
6. THE ACTUAL AREA(S) OF WORK SHALL BE KEPT TO THE MINIMUM REQUIRED TO PROPERLY EXECUTE THE CONTRACT REQUIREMENTS. EXISTING DIMENSIONS AND HATCHED AREAS INDICATED ON CONTRACT DOCUMENTS ARE FOR GENERAL REFERENCE AND BIDDING PURPOSES ONLY.
7. PRIOR TO BIDDING, THE TRADE CONTRACTORS SHALL FIELD VERIFY THE EXTENT OF WORK REQUIRED TO PROPERLY EXECUTE THE CONTRACT REQUIREMENTS. ADDITIONAL WORK THAT IS REQUIRED, WAS VISIBLE, AND COULD HAVE BEEN IDENTIFIED DURING BIDDING SHALL BE COMPLETED BY THE RESPONSIBLE TRADE CONTRACTOR(S) AT NO ADDITIONAL COST TO THE OWNER.
8. THE TRADE CONTRACTORS SHALL BE FAMILIAR WITH THE EXISTING CONDITIONS AND NOTIFY THE ARCHITECT OR CONSTRUCTION MANAGER OF ANY CONFLICTS WITH THE CONSTRUCTION DOCUMENTS PRIOR TO PREPARING SUBMITTALS OR BEGINNING ANY WORK.
9. THE TRADE CONTRACTORS SHALL PROVIDE ALL TEMPORARY CONSTRUCTIONS AND/OR SHORING REQUIRED TO PROPERLY EXECUTE THE REQUIREMENTS OF THEIR CONTRACT.
10. ALL EXTERIOR OPENINGS SHALL BE SECURED AT ALL TIMES WHEN WORK IS NOT BEING PERFORMED. THE TRADE CONTRACTORS SHALL NOT REMOVE EXISTING DOORS, FRAMES, WINDOWS, ETC. UNTIL REPLACEMENTS ARE ONSITE AND READY FOR INSTALLATION. IF INSTALLATION OF DOORS, FRAMES, WINDOWS, ETC. CANNOT BE COMPLETED BY THE END OF THE WORK DAY, THE RESPONSIBLE TRADE CONTRACTORS SHALL PROVIDE TEMPORARY WEATHERPROOF CONSTRUCTION AS REQUIRED TO SECURE THE BUILDING TO THE SATISFACTION OF THE OWNER AND RESTORE AFFECTED SURFACES TO THEIR ORIGINAL CONDITION.
11. PATCHING, REPAIRING, AND REFINISHING WORK SHALL BE PERFORMED BY THOSE REGULARLY INVOLVED IN THAT TRADE AND SHALL MATCH THE EXISTING ADJACENT CONSTRUCTION AS CLOSELY AS POSSIBLE IN MATERIAL, FINISH, COLOR, TEXTURE AND SHEEN. REFER TO THE CONTRACT DRAWINGS FOR EXISTING BUILDING CONSTRUCTION TO REMAIN.
12. TRADE CONTRACTORS SHALL PROTECT THEIR WORK AND EXISTING CONSTRUCTION, FINISHES, AND EQUIPMENT TO REMAIN TO PREVENT DAMAGE. ANY WORK AND/OR EXISTING FINISHES TO REMAIN DAMAGED DURING THE REMOVAL OF EXISTING WORK OR THE INSTALLATION OF NEW WORK SHALL BE REPAIRED, REPLACED, AND REFINISHED BY THE RESPONSIBLE TRADE CONTRACTOR TO MATCH THE ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER AND TO THE SATISFACTION OF THE OWNER AND ARCHITECT.
13. THE ARCHITECT SHALL REVIEW AND APPROVE LOCATIONS FOR ALL JUNCTION BOXES AND RACEWAYS PRIOR TO INSTALLATION OF WIRING / CABLING.
14. EXISTING SITE FEATURES, MATERIALS, AMENITIES, LANDSCAPING, ETC. DAMAGED BY CONSTRUCTION OPERATIONS SHALL BE RESTORED, REPAIRED, OR REPLACED BY THE RESPONSIBLE TRADE CONTRACTOR(S) AT NO ADDITIONAL COST TO THE OWNER AND TO THE SATISFACTION OF THE OWNER AND ARCHITECT.

15. CONTRACTOR SHALL COORDINATE THE WORK WITH ALL PARTIES INVOLVED SO THAT THE CONSTRUCTION CAN PROCEED SMOOTHLY, WITHOUT TRADE INTERFERENCE OR WASTE OF TIME AND MATERIAL.

16. WARNING: ASBESTOS-CONTAINING BUILDING MATERIALS ARE OR MAY BE PRESENT IN THIS BUILDING. AN ASBESTOS MANAGEMENT PLAN IS AVAILABLE IN THE SCHOOL FOR REVIEW UPON REQUEST. NO PERSON MAY DISTURB ASBESTOS-CONTAINING MATERIALS UNLESS THAT PERSON IS A LICENSED ASBESTOS WORKER OR CONDUCTS SUCH WORK IN ACCORDANCE WITH SPECIFICATION(S) CONTAINED IN THE PROJECT DOCUMENTS AND IN COMPLIANCE WITH ILLINOIS DEPARTMENT OF HEALTH RULES AND REGULATIONS.

GENERAL CONSTRUCTION / RENOVATION NOTES

1. AFTER REMOVAL OF ITEMS IDENTIFIED TO BE REMOVED, CLEAN AND REPAIR THE EXISTING SURFACES TO REMAIN TO MATCH THE CONSTRUCTION MATERIALS AND METHODS, FINISHES TEXTURE, PATTERN, COLOR AND SHEEN OF THE ADJACENT SURFACES TO REMAIN. PATCH, CLEAN, PREPARE, PAINT, ETC. EXISTING SURFACES AS REQUIRED.
2. WHERE EXISTING EQUIPMENT IS REMOVED AND NEW EQUIPMENT IS SMALLER AND INSTALLED IN THE SAME LOCATION, CLEAN AND REPAIR THE SIGHT-EXPOSED SURFACES TO REMAIN TO MATCH THE CONSTRUCTION MATERIALS AND METHODS, FINISHED TEXTURE, PATTERN, AND COLOR OF THE ADJACENT SURFACES TO REMAIN. PATCH, CLEAN, PREPARE, PAINT, ETC. EXISTING SURFACES AS REQUIRED.
3. EXISTING AND NEW FIRE RATED ASSEMBLIES ARE TO BE MAINTAINED AND BE IN CONFORMANCE WITH APPLICABLE CODES. PENETRATIONS SHALL BE CONSTRUCTED AND SEALED AS REQUIRED; NEW FIRE RATED ASSEMBLIES SHALL BE INSPECTED, CERTIFIED, AND APPROPRIATELY LABELED ABOVE CEILINGS.
4. ALL PENETRATIONS THROUGH ANY MATERIAL SHALL BE SEALED WITH A COMPATIBLE MATERIAL APPROVED BY THE ARCHITECT PRIOR TO INSTALLATION.
5. MASONRY INFILL AND/OR PATCHING SHALL MATCH THE MATERIAL, SIZE, FINISH, COLOR, TEXTURE AND COURSING OF EXISTING MASONRY TO REMAIN. NEW MASONRY SHALL BE WHOLE UNITS TOOTHED IN TO THE EXISTING MASONRY. NO SAW CUT EDGES WILL BE ALLOWED. MORTAR JOINTS TO MATCH COLOR, TEXTURE AND PROFILE OF ADJACENT MASONRY.
6. STRUCTURAL LINTELS ARE REQUIRED AT ALL OPENINGS AND RECESSES IN LOAD BEARING AND NON-LOAD BEARING MASONRY WALLS. REFER TO STRUCTURAL DRAWINGS.
7. EXPOSED OUTSIDE CORNERS OF INTERIOR CONCRETE MASONRY UNITS SHALL BE ROUNDED, U.N.O.
8. PROVIDE A CONTINUOUS BEAD OF SEALANT BETWEEN DISSIMILAR MATERIALS, U.N.O.
9. PROVIDE GALVANIC PROTECTION SEPARATING DISSIMILAR METALS.
10. ALL EXPOSED PIPING AND CONDUIT SHALL BE KEPT AS CLOSE AS POSSIBLE TO WALLS STRUCTURE, AND FLOOR/ROOF DECK.
11. ALL WALL ABOVE DOORS/FRAMES TO EXTEND TO UNDERSIDE OF DECK, U.N.O.
12. ALL EXTERIOR DIMENSIONS ARE TO THE OUTSIDE FACE OF FINISH MATERIAL, U.N.O.
13. SLOPE ALL CONCRETE AND/OR TOPPING TO FLOOR DRAINS; COORDINATE WITH PLUMBING DRAWINGS.
14. CENTER SPRINKLER HEADS AND LIGHT FIXTURES, SECURITY DEVICES, WAP'S, EXIT SIGNS, & SIMILAR DEVICES IN ACT TILES, U.N.O.
15. INSTALL WOOD BLOCKING AS NEEDED FOR ALL WALL MOUNTED ITEMS.

GENERAL FINISH NOTES

1. EXISTING SIGHT-EXPOSED SURFACES OF EXISTING PARTITIONS AND SOFFITS SHALL BE FINISH PAINTED.
2. ALL NEW CONSTRUCTION AND IDENTIFIED EXISTING CONSTRUCTION TO REMAIN SHALL BE PRIME AND FINISH PAINTED UNLESS MATERIALS ARE PRE-FINISHED. REFER TO THE FINISH PLANS AND THE PROJECT MANUAL FOR ADDITIONAL INFORMATION. NEW PARTITIONS AND SOFFITS ARE TO BE PRIME PAINTED FOR FULL HEIGHT OF PARTITION OR SOFFIT. SIGHT-EXPOSED SURFACES OF NEW PARTITIONS AND SOFFITS ARE TO BE FINISH PAINTED.
3. ALL WALLS IN EXISTING ROOMS IN WHICH WORK IS OCCURRING:
   A. REPAIR HOLES, DEFECTS, ETC. IN EXISTING PLASTER AND CONCRETE BLOCK WALLS;
   B. AT REPAIRS AND UNPAINTED CONCRETE BLOCK PROVIDE BLOCK FILL PAINT AND TWO FINISH COATS OF PAINT; AND
   C. PROVIDE ONE FINISH COAT OF PAINT OVER EXISTING PAINTED WALLS.
4. IN OCCUPIED SPACES IN AREAS OF RENOVATION, ALL SIGHT-EXPOSED MEPFP COMPONENTS INCLUDING, BUT NOT LIMITED TO, DUCTWORK, PIPING, FITTINGS, CONDUIT, BOXES, HANGERS, ETC SHALL BE PAINTED. DO NOT PAINT MOVING PARTS OR LABELS.
5. DO NOT PAINT EXISTING FACE BRICK, GROUND FACE CMU OR SGFT, UNO.

GENERAL FLOOR FINISH NOTES

1. AT ALL AREAS OF NEW FLOORING:
   A. PROVIDE RUBBER TRANSITION STRIPS BETWEEN DISSIMILAR FLOORING MATERIALS.
   B. PROVIDE 4-INCH RUBBER BASE ON ALL VERTICAL SURFACES ABUTTING FLOORING MATERIALS.
   C. GRIND ANY HIGH SPOTS AND FILL ANY LOW SPOTS IN CONCRETE SUBSTRATE PRIOR TO BEGINNING ANY WORK.
   D. PREPARE CRACKS AND OTHER SURFACE DEFECTS IN CONCRETE SUBSTRATE IN ACCORDANCE WITH FLOORING MANUFACTURER'S RECOMMENDATIONS PRIOR TO BEGINNING ANY WORK.
2. AT ALL AREAS OF NEW FLOORING IN EXISTING BUILDING:
   A. EXISTING FLOORING AS INDICATED ON DRAWINGS MAY BE ASBESTOS CONTAINING AND SHALL BE REMOVED UNDER SEPARATE CONTRACT.
   B. SHOT BLAST EXISTING CONCRETE SUBSTRATE PRIOR TO BEGINNING ANY WORK.
   C. GRIND ANY HIGH SPOTS AND FILL ANY LOW SPOTS IN CONCRETE SUBSTRATE RESULTING FROM DEMOLITION PRIOR TO BEGINNING ANY WORK.
   D. PROVIDE CEMENTITIOUS SELF-LEVELING FLOORING UNDERLAYMENT, PROVIDE TWO COATS WITH A COMBINED AVERAGE THICKNESS OF ¼" INCH.
   E. UNDERCUT EXISTING WOOD DOORS LOCATED ON OR ADJACENT TO AREAS OF NEW FLOORING AS REQUIRED TO ENSURE PROPER OPERATION OF THE DOOR(S).
   F. EXISTING THRESHOLDS TO REMAIN SHALL BE REMOVED AND REINSTALLED SO NEW FLOORING CAN BE INSTALLED UNDER THE EDGE OF THRESHOLDS.
3. PROVIDE RUBBER FLOOR SYSTEM IN ELEVATOR CAB.
4. AT EVERY STAIR GOING DOWN FROM FLOOR LEVEL PROVIDE 36" WIDE RUBBER TACTILE WARNING STRIP FOR FULL WIDTH OF STAIR. TACTILE WARNING STRIP NOT REQUIRED AT INTERMEDIATE LANDINGS (U.N.O.).

GENERAL PAINTING NOTES

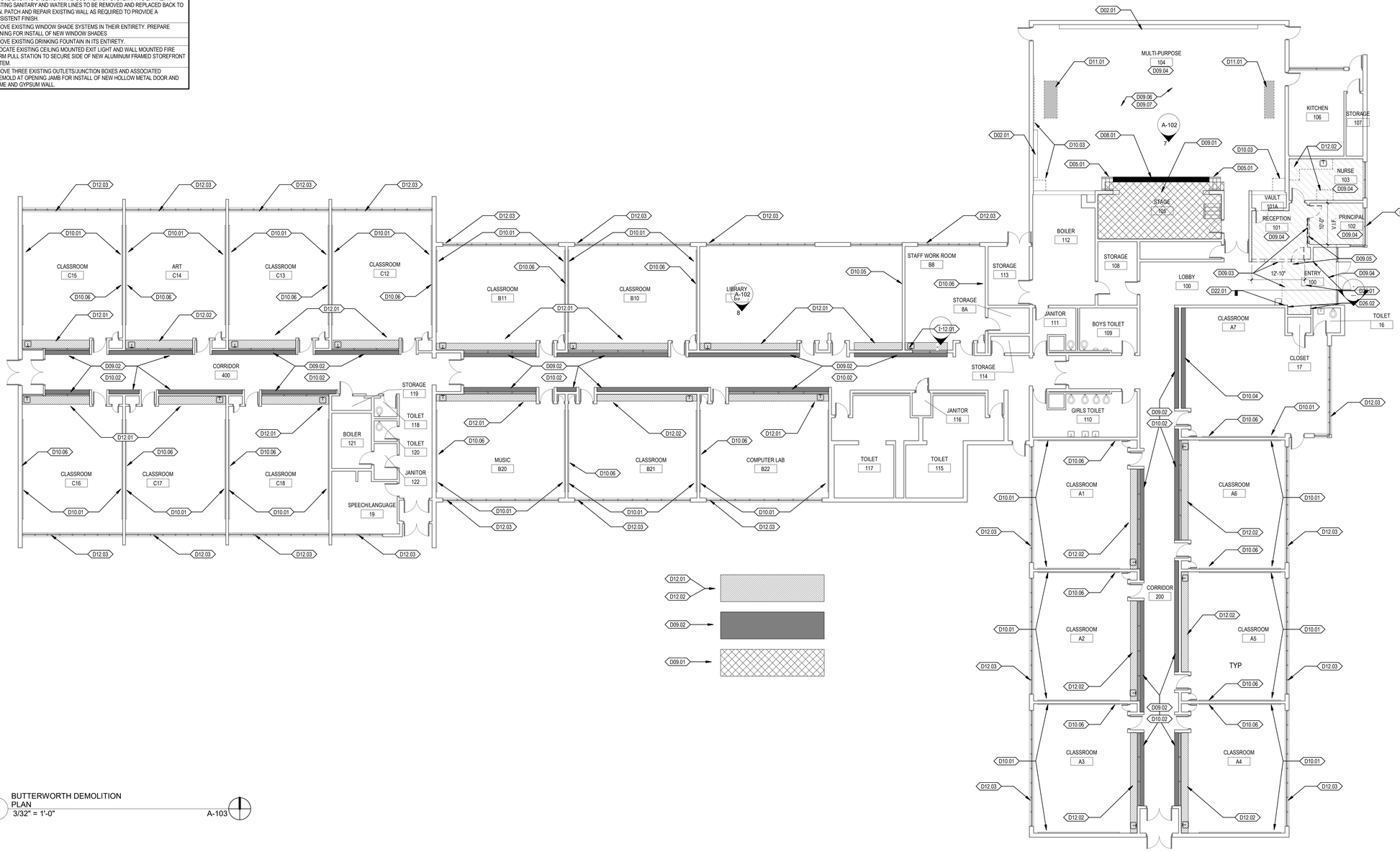
1. ALL NEW CONSTRUCTION AND IDENTIFIED EXISTING CONSTRUCTION TO REMAIN SHALL BE PRIME AND FINISH PAINTED UNLESS MATERIALS ARE PRE-FINISHED. REFER TO THE PROJECT MANUAL.
   A. NEW PARTITIONS ARE TO BE PRIME PAINTED FOR FULL HEIGHT OF PARTITION (U.N.O.).
   B. SIGHT-EXPOSED SURFACES OF NEW PARTITIONS ARE TO BE FINISHED PAINTED.
   C. SIGHT-EXPOSED SURFACES OF SOFFITS SHALL BE PRIME AND FINISHED PAINTED.
2. ALL WALLS IN EXISTING ROOMS IN WHICH WORK IS OCCURRING:
   A. REPAIR HOLES, DEFECTS, ETC. IN EXISTING WALLS.
   B. AT REPAIRS AND UNPAINTED CONCRETE BLOCK PROVIDE BLOCK FILL PAINT AND TWO FINISH COATS OF PAINT.
   C. AT REPAIRS AND UNPAINTED GYPSUM BOARD AND/OR PLASTER PROVIDE PRIMER AND TWO FINISH COATS OF PAINT.
   D. PROVIDE ONE FINISH COAT OF PAINT OVER EXISTING PAINTED WALLS.
3. IN OCCUPIED SPACES IN AREAS OF NEW CONSTRUCTION, ALL SIGHT-EXPOSED MECHANICAL, PLUMBING, ELECTRICAL, FIRE PROTECTION, AND TECHNOLOGY COMPONENTS INCLUDING, BUT NOT LIMITED TO, DUCTWORK, PIPING, FITTINGS, CONDUIT, BOXES, HANGERS, ETC SHALL BE PAINTED. DATA CABLING SHALL NOT BE PAINTED.
4. AT AREAS OF EXPOSED ROOF STRUCTURE IDENTIFIED TO BE PAINTED, ALL SIGHT-EXPOSED ITEMS SHALL BE PAINTED INCLUDING, BUT NOT LIMITED TO, ROOF DECK, STRUCTURE, DUCTWORK, PIPING, FITTINGS, CONDUIT, BOXES, HANGERS, ETC.
5. ALL WALLS TO BE FINISH PAINTED PNT-1 WITH EGGSHELL FINISH (U.N.O.).
6. AT STEEL DOORS AND STEEL FRAMES:
   A. INTERIORS TO BE PAINTED PNT-1 WITH SEMI-GLOSS FINISH (U.N.O.).
   B. ALL EXTERIOR TO BE PAINTED WITH COLOR TO BE SELECTED BY ARCHITECT WITH SEMI-GLOSS FINISH (U.N.O.).

GENERAL REFLECTIVE CEILING NOTES

1. ALL CEILING ELEVATIONS IDENTIFIED DENOTE HEIGHT ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE.
2. REFER TO MECHANICAL, PLUMBING, ELECTRICAL, FIRE PROTECTION, AND TECHNOLOGY DRAWINGS FOR CEILING MOUNTED EQUIPMENT AND COMPONENTS NOT IDENTIFIED ON ARCHITECTURAL DRAWINGS.
3. IN AREAS WITH NO FINISHED CEILING SYSTEM REFER TO ELECTRICAL DRAWINGS FOR LUMINARIES AND SPACING.
4. REFER TO FINISH PLANS FOR ADDITIONAL INFORMATION REGARDING:
   A. PAINTING OF CEILING COMPONENTS;
   B. SUSPENDED ACOUSTICAL TILE CEILING SYSTEM TYPES TO BE PROVIDED;
   C. CEILING HUNG WINDOW TREATMENTS
5. PRIOR TO BEGINNING ANY WORK, NOTIFY THE ARCHITECT IF EXISTING CONDITIONS PREVENT NEW CEILING SYSTEMS FROM BEING INSTALLED AS DRAWN AND NOTED.
6. PRIOR TO BEGINNING ANY WORK, NOTIFY THE ARCHITECT IF QUANTITY AND/OR SPACING OF LIGHT FIXTURES ON ELECTRICAL DRAWINGS DOES NOT MATCH QUANTITY AND/

DEMOLITION NOTES

NOTE	DESCRIPTION
D02.01	REMOVE EXISTING WALL MOUNTED LUNCH TABLE SYSTEM AS REQUIRED TO INSTALL NEW FLOORING. REINSTALL ONCE COMPLETED.
D05.01	REMOVE EXISTING HANDRAIL SYSTEM IN ITS ENTIRETY.
D08.01	REMOVE EXISTING HANDLES ON STORAGE DOORS THAT ACCESS THE STORAGE BELOW THE STAGE. PREPARE THE EXISTING DOORS FOR NEW HARDWARE.
D09.01	REMOVE EXISTING FLOOR MOUNTED RECEPTACLE COVERS AND PROTECT RECEPTACLES, STAGE CURTAINS, WALLS, DOORS, AND FRAMES FOR PREPARING AND REFINISHING OF THE EXISTING STAGE FLOOR.
D09.02	REMOVE EXISTING RUBBER BASE, VCT FLOORING, AND METAL NOSING FROM BOOT RACK. PREPARE SURFACE FOR INSTALL OF NEW FLOORING. EXISTING BASE AT FLOOR TO REMAIN.
D09.03	REMOVE PORTIONS OF EXISTING CEILING TILE AND GRID AND CEILING MOUNTED ITEMS AS REQUIRED FOR NEW WORK.
D09.04	REMOVE EXISTING FLOORING AND RUBBER BASE SYSTEM IN ITS ENTIRETY. PREPARE SURFACE FOR INSTALL OF NEW FLOORING.
D09.05	REMOVE EXISTING DOOR, GLAZING, AND WALL SYSTEM IN ITS ENTIRETY TO THE GYPSUM BULK HEAD AT THE ACT CEILING AT 9'-0" AFF. PREPARE EXISTING OPENING FOR INSTALL OF NEW ALUMINUM FRAMED STOREFRONT SYSTEM.
D09.06	REMOVE EXISTING GYM FLOORING ASSEMBLY IN ITS ENTIRETY. PREPARE SURFACE FOR INSTALL OF NEW FLOORING.
D09.07	REMOVE EXISTING RUBBER BASE SYSTEM IN ITS ENTIRETY.
D10.01	REMOVE EXISTING MARKERBOARD, CHALKBOARD, AND TACKBOARD SYSTEM IN ITS ENTIRETY. REMOVE EXISTING PERIMETER TRIM SYSTEM IN ITS ENTIRETY. PATCH HOLES AT CMU WHERE EXISTING SYSTEMS ARE REMOVED. PREPARE SURFACE FOR INSTALL OF NEW BOARDS AND SMART BOARDS.
D10.02	REMOVE EXISTING CORRIDOR SHELVING AND HOOKS IN THEIR ENTIRETY. PATCH HOLES IN EXISTING WOOD AND PREPARE FOR INSTALL OF NEW WALL RACK/SHELVING SYSTEM.
D10.03	REMOVE EXISTING WALL PAD SYSTEM IN ITS ENTIRETY. PREPARE WALL AND/OR DUCTWORK FOR INSTALL OF NEW WALL PAD SYSTEM.
D10.04	REMOVE EXISTING SHELVING AND HOOKS IN THEIR ENTIRETY. PATCH HOLES IN EXISTING WOOD AND PREPARE FOR PAINT. REMOVE EXISTING BOOT SHELF IN ITS ENTIRETY FOR INSTALL OF NEW BASE CABINETS.
D10.05	REMOVE EXISTING TV FROM WALL. REMOVE EXISTING RECEPTACLES FROM WALL. RELOCATE AT NEW LOCATION AS SHOWN ON THE ASSOCIATED ELEVATION.
D10.06	REMOVE EXISTING TV FROM WALL AND TURN OVER TO OWNER. NEW TV TO BE INSTALLED IN SIMILAR LOCATION. COORDINATE FINAL LOCATION IN FIELD WITH ARCHITECT AND OWNER.
D11.01	REMOVE EXISTING BASKETBALL HOOP BACKSTOP SYSTEM IN ITS ENTIRETY. PREPARE FOR INSTALL OF NEW BASKETBALL HOOP BACKSTOP SYSTEM.
D12.01	REMOVE EXISTING CASEWORK AND COUNTERTOP SYSTEM IN ITS ENTIRETY. REMOVE EXISTING SANITARY AND WATER LINES BACK TO MAIN LINE AND CAP WHERE PRESENT. PATCH AND REPAIR EXISTING WALL AS REQUIRED TO PROVIDE A CONSISTENT FINISH.
D12.02	REMOVE EXISTING CASEWORK AND COUNTERTOP SYSTEM IN ITS ENTIRETY. EXISTING SANITARY AND WATER LINES TO BE REMOVED AND REPLACED BACK TO MAIN. PATCH AND REPAIR EXISTING WALL AS REQUIRED TO PROVIDE A CONSISTENT FINISH.
D12.03	REMOVE EXISTING WINDOW SHADE SYSTEMS IN THEIR ENTIRETY. PREPARE OPENING FOR INSTALL OF NEW WINDOW SHADES
D22.01	REMOVE EXISTING DRINKING FOUNTAIN IN ITS ENTIRETY.
D26.01	RELOCATE EXISTING CEILING MOUNTED EXIT LIGHT AND WALL MOUNTED FIRE ALARM PULL STATION TO SECURE SIDE OF NEW ALUMINUM FRAMED STOREFRONT SYSTEM.
D26.02	REMOVE THREE EXISTING OUTLETS/JUNCTION BOXES AND ASSOCIATED WIREMOLD AT OPENING JAMB FOR INSTALL OF NEW HOLLOW METAL DOOR AND FRAME AND GYPSUM WALL.



1 BUTTERWORTH DEMOLITION PLAN
3/32" = 1'-0" A-103

LEGAT ARCHITECTS
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MOLINE-COAL VALLEY SCHOOL DISTRICT

2026 FACILITY IMPROVEMENTS

BUTTERWORTH ELEMENTARY SCHOOL
LOGAN ELEMENTARY SCHOOL
WASHINGTON ELEMENTARY SCHOOL
MOLINE HIGH SCHOOL

ARCHITECT
Legat Architects, Inc.
1515 5th Ave, Suite 108
Moline, IL 61265
P: 309.517.5536
www.legat.com

MEP/FP ENGINEER
RTM Engineering Consultants
5137 Utica Ridge Rd.
Davenport, IA 52807
P: 563.726.6310
www.rtmec.com

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BUTTERWORTH ELEMENTARY SCHOOL - DEMOLITION

AD101

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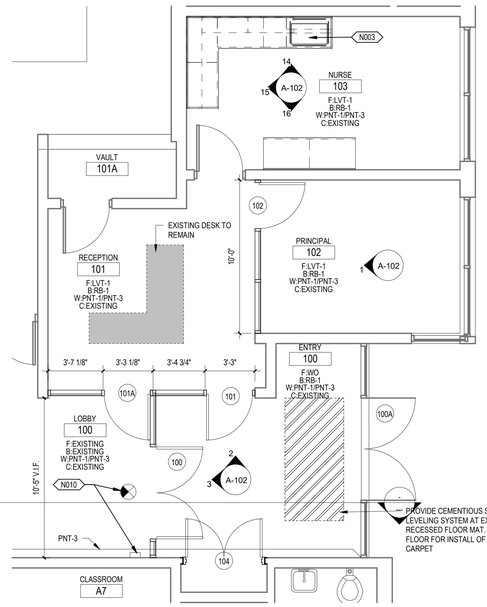


1 ENLARGED PLAN
1/4" = 1'-0"
A-101

FINISH PLAN LEGEND

LVT-1 LUXURY VINYL TILE	MANUF: MILLIKEN STYLE: LUMENOLOGY 5 MM - LIGHT WASH COLOR: LIGHT LUME265-126 SIZE: 25 CM X 1 M
MT METAL TRANSITION	MANUF: SCHLUTER STYLE: BRUSHED ALUMINUM
PLAM-1 PLASTIC LAMINATE	MANUF: WILSONART COLOR: KENSINGTON MAPLE 10776-60 LOCATION: CABINETS
PLAM-2 PLASTIC LAMINATE	MANUF: WILSONART COLOR: NORDIC LINEN 5015-38 LOCATION: COUNTERTOPS
PNT-1 FIELD PAINT	MANUF: SHERWIN WILLIAMS COLOR: ALABASTER - SW 7008
PNT-2 ACCENT PAINT	MANUF: SHERWIN WILLIAMS COLOR: DORIAN GRAY - SW 7017
PNT-3 ACCENT PAINT	MANUF: SHERWIN WILLIAMS COLOR: SECRET COVE - SW 9058
PNT-4 ACCENT PAINT	MANUF: SHERWIN WILLIAMS COLOR: AQUITAINE - SW 9057
RB-1 RUBBER BASE	MANUF: TARKETT STYLE: COVER AND STRAIGHT COLOR: BLACK SIZE: 4"
RB-2 RUBBER BASE	MANUF: TARKETT STYLE: COVE AND STRAIGHT COLOR: CHARCOAL SIZE: 4"
RES-1 RESINOUS FLOORING	MANUF: SHERWIN WILLIAMS STYLE: DECO FLAKE 1/8" COLOR: TBD
SF-1 SPORTS FLOOR	MANUF: TARKETT STYLE: OMNISPORTS HPL 9MM COLOR: GOLDEN MAPLE
SF-2	MANUF: TARKETT STYLE: OMNISPORTS HPL 9MM COLOR: TBD
SSF-1 SOLID SURFACE	MANUF: CORIAN STYLE: ANTARCTICA
WS WOOD STAIN	FINISH TO MATCH EXISTING

ARCHITECTURAL PLAN NOTES

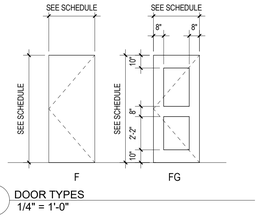
NOTE	DESCRIPTION
N001	SCRAPE, PRIME, AND PAINT SOFFIT AROUND ENTIRE BUILDING. MATCH EXISTING COLOR.
N002	SCRAPE/SAND, PRIME, AND PAINT FRP DOOR. MATCH EXISTING COLOR.
N003	PROVIDE AND INSTALL NEW SINK. CONNECT SINK TO EXISTING SANITARY, VENT, AND WATER PIPING WHERE EXISTING SINK WAS REMOVED. BASIS OF DESIGN: ELKAY: LRAD3122265 ADA, SINGLE BOWL, 5.5" DEEP. FAUCET TO BE DELTA B2891ULF GOOSENECK FAUCET, 2 HANDLE, MANUAL, 1.5 GPM, PROVIDE ASSE APPROVED WITH TMV.
N004	PROVIDE AND INSTALL NEW WALL MOUNTED PAD SYSTEM. PROVIDE OPENING IN WALL PADS WHERE EXISTING RECEPTACLES AND WALL BRACKETS ARE LOCATED.
N005	PROVIDE AND INSTALL NEW STAGE MOUNTED PAD SYSTEM ACROSS EXISTING STAGE FRONT. PROVIDE OPENING IN WALL PADS WHERE EXISTING RECEPTACLES AND NEW HANDLES AND LATCHES ARE LOCATED. PADS TO BE MOUNTED TO DOORS AND ALLOW FULL OPERATION OF THE EXISTING DOORS.
N006	PROVIDE AND INSTALL 1-1/2" METAL HANDRAIL SYSTEM SURFACE MOUNTED TO EXISTING STAIRS. PAINT.
N007	PROVIDE AND INSTALL NEW BASKETBALL HOOP BACKSTOP SYSTEM. ATTACH TO EXISTING BASKETBALL HOOP SUPPORT STRUCTURE. REFER TO SPECIFICATIONS.
N008	PROVIDE AND INSTALL NEW PLASTIC LAMINATE CASEWORK AND COUNTERTOP. REFER TO ELEVATIONS FOR ADDITIONAL INFORMATION.
N009	PROVIDE AND INSTALL NEW WINDOW SHADES AT EXISTING WINDOWS. ONE WINDOW SHADE TO BE INSTALLED PER TWO SETS OF WINDOWS. WINDOWS ARE APPROXIMATELY 81" TALL AND TWO SETS OF WINDOWS ARE APPROXIMATELY 76.5" WIDE. THE WINDOW POCKET DEPTH IS 3-3/4". CONTRACTOR TO FIELD VERIFY DIMENSIONS OF SHADES IN FIELD WITH EXISTING CONDITIONS. NOTE x# INDICATES NUMBER OF SHADES TO BE PROVIDED PER LOCATION AS DESCRIBED
N010	RELOCATED CEILING MOUNTED EMERGENCY EXIT SIGN AND WALL MOUNTED FIRE ALARM PULL STATION.
N011	PROVIDE AND INSTALL 1-1/2" METAL HANDRAIL SYSTEM SURFACE MOUNTED TO EXISTING WALL. PAINT.
N012	SAND, VACUUM, AND PREPARE EXISTING WOOD STAGE FLOORING AND STAIR SYSTEM. PROVIDE NEW STAIN AND PROTECTIVE LAYER. COORDINATE ALL INSTALLATION REQUIREMENTS WITH MANUFACTURER FOR COMPLETE INSTALLATION
N013	PROVIDE AND INSTALL NEW WALL RACK SHELVING SYSTEM WITH COAT HOOKS AT SAME HEIGHT AS EXISTING SHELVING.
N014	PREPARE EXISTING FLOOR SLAB FOR INSTALL OF NEW SPORTS FLOORING

NOTE:
1. NEW TVS ARE TO BE PROVIDED BY THE OWNER AND INSTALLED BY THE CONTRACTOR. COORDINATE FINAL LOCATION AND HEIGHT IN FIELD WITH OWNER PRIOR TO INSTALL.
2. ALL CORRIDORS, VESTIBULES, AND LOBBY SPACES ARE TO BE PAINTED PNT-1, UNLESS NOTED OTHERWISE AS SHOWN IN DETAIL 7/A-102 BELOW THE NEW COAT RACK SYSTEM.



DOOR AND FRAME SCHEDULE

DOOR #	DOOR TYPE	DOOR MATERIAL	DOOR WIDTH	DOOR HEIGHT	DOOR THICK	FRAME MATERIAL	FIRE RATING	HDWR	REFERENCED NOTES
100	FG	AL	6'-0"	7'-0"	1 3/4"	AL		06	1, 2, 3, 6
100A	EXIST	EXIST	6'-8"	3'-10"		EXIST	EXIST	07	6
101	FG	AL	3'-0"	7'-0"	1 3/4"	AL		13	1, 2, 3
101A	FG	AL	2'-11 7/8"	7'-0"	1 3/4"	AL		16	3
102	FG	AL	3'-0"	7'-0"	1 3/4"	AL		15	3
103	FG	AL	0"	0"	1 3/4"	AL		15	3
104	F	HM	5'-0"	7'-0"	1 3/4"	HM		17	4, 5



DOOR TYPES
1/4" = 1'-0"

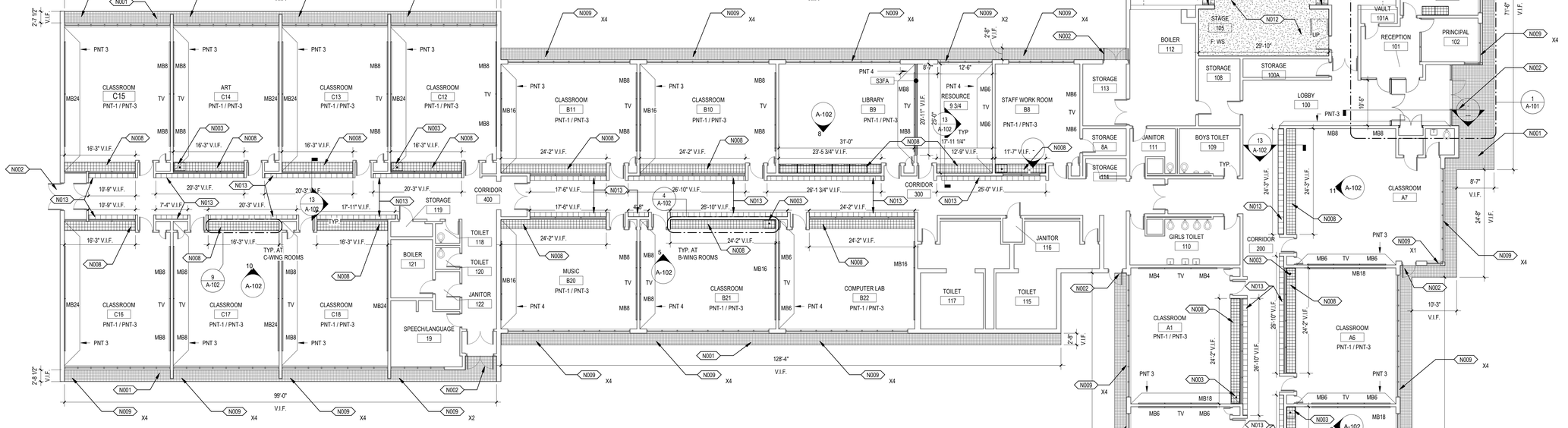
REFERENCED NOTES

1. PROVIDE CARD READER AND ELECTRIC STRIKE
2. BUZZ-IN CAPABILITIES
3. REFER TO STOREFRONT ELEVATIONS FOR ADDITIONAL INFORMATION.
4. PROVIDE 3-5/8" METAL STUD WITH GYPSUM BOARD EACH SIDE AT JAMBS AND HEAD OF DOOR. WALL INFILL TO CONTINUE TO CEILING ABOVE. PAINT.
5. PAINT HOLLOW METAL DOOR AND FRAME TO MATCH WALL COLOR.
6. DOOR PROVIDED WITH ADA AUTO OPERATOR. AUTO OPERATOR TO FUNCTION WITH CARD READER SYSTEM SO OPERATOR DOESN'T TURN ON WHEN THE DOOR ISN'T UNLOCKED.

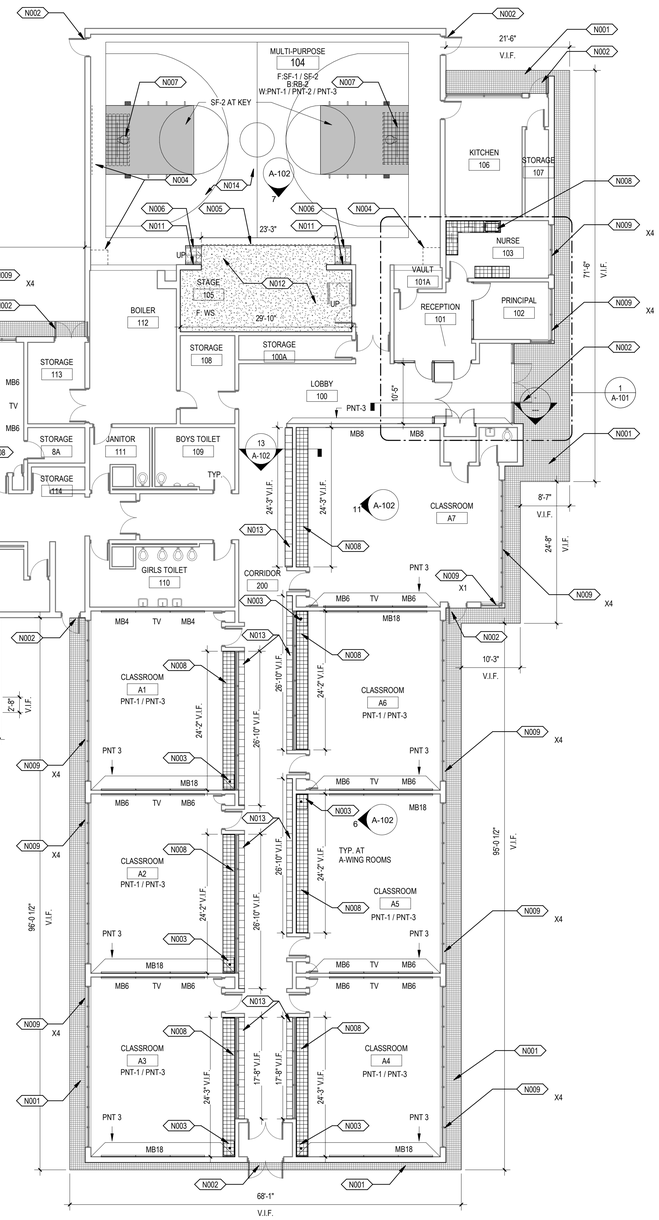
GLAZING TYPES

INTERIOR

I-1	1/4" TEMPERED GLAZING UNIT WITH SECURITY FILM AND ATTACHMENT SYSTEM



3 BUTTERWORTH FLOOR PLAN
3/32" = 1'-0"
A-103



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ARCHITECT
Legat Architects, Inc.
1515 5th Ave, Suite 108
Moline, IL 61265
P: 309.517.5536
www.legat.com

MEP/FP ENGINEER
RTM Engineering Consultants
5137 Utica Ridge Rd.
Davenport, IA 52807
P: 563.726.6310
www.rtmec.com

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BUTTERWORTH ELEMENTARY SCHOOL - NEW WORK PLAN

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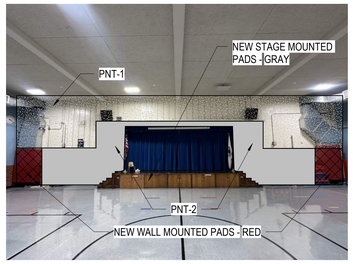
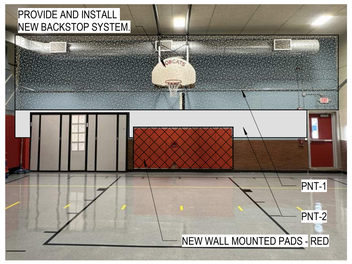
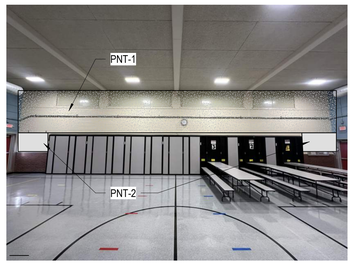
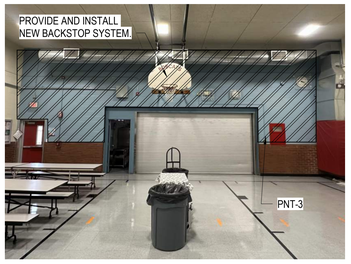
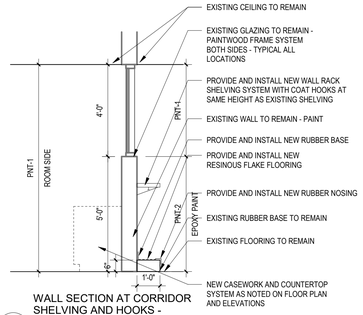


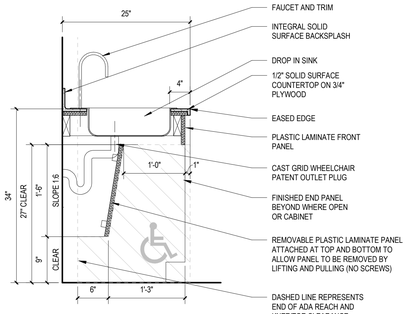




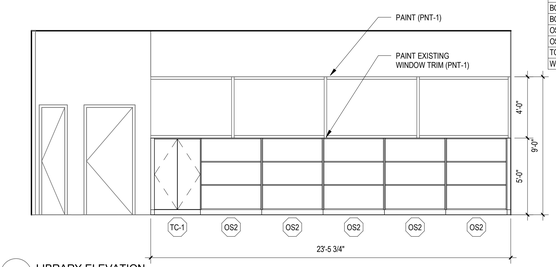




13 WALL SECTION AT CORRIDOR SHELVING AND HOOKS - TYPICAL
3/8" = 1'-0" A-101



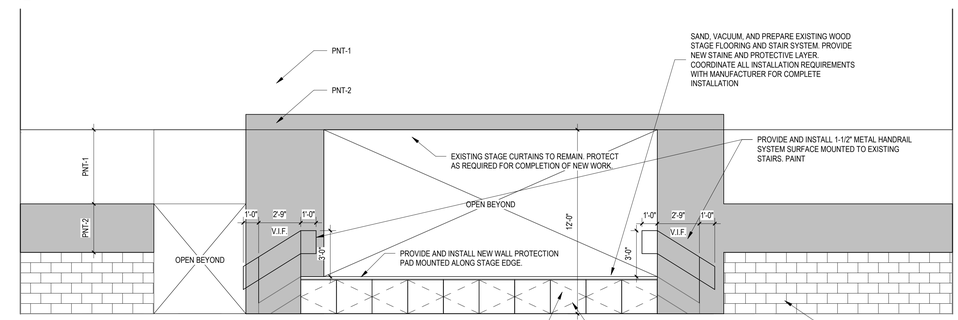
12 ADA SINK - DROP-IN - SINK 2
1" = 1'-0"



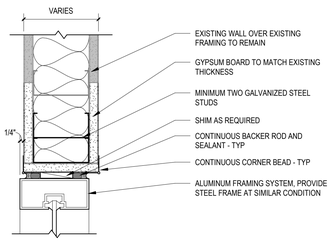
8 LIBRARY ELEVATION
1/4" = 1'-0" A-101

CASEWORK SCHEDULE

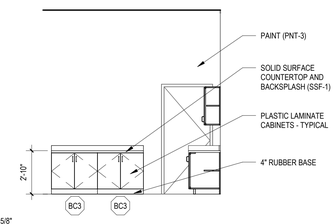
TYPE	Description	Height	Width	Depth	Comments
	<varies>	<varies>	<varies>	<varies>	
ADA	ADA SINK PANELS	2'-10"	3'-0"	2'-0"	
ADA1	ADA SINK PANELS	2'-6"	3'-0"	2'-1"	
BC1	3 DRAWERS	2'-6"	1'-8"	2'-0"	
BC2	1 DOUBLE DOOR	<varies>	<varies>	<varies>	
BC3	1 DOUBLE DOOR	2'-10"	3'-0"	2'-0"	
BC4	3 DRAWERS	2'-10"	1'-6"	2'-0"	
OS1	OPEN SHELVING	2'-6"	3'-0"	2'-0"	
OS2	OPEN SHELVING	5'-0"	4'-0"	2'-0"	
TC-1	1 DOUBLE DOOR	5'-0"	3'-0"	2'-0"	
WC1	1 DOUBLE DOOR	2'-6"	3'-0"	1'-0"	



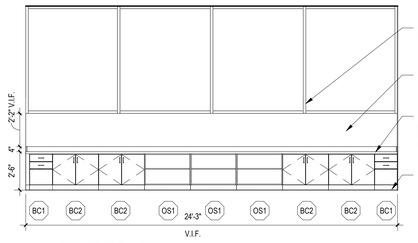
7 STAGE - SOUTH
1/4" = 1'-0" A-101



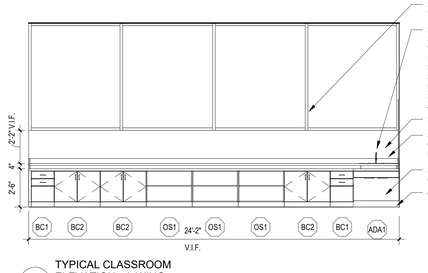
19 TYP AL SF - HEAD/JAMB - NEW OPENING IN EXIST WALL
3" = 1'-0" A-102



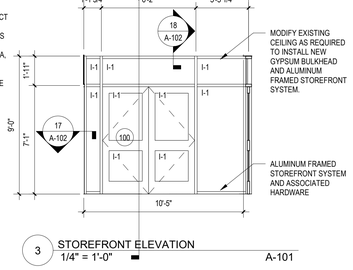
16 INTERIOR ELEVATION - NURSE
1/4" = 1'-0" A-101



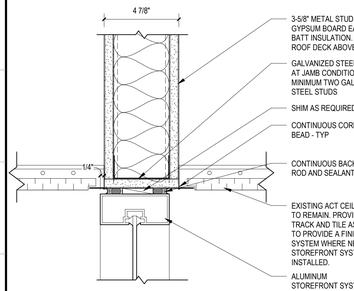
11 INTERIOR ELEVATION - KINDERGARTEN
1/4" = 1'-0" A-101



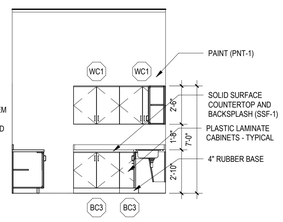
6 TYPICAL CLASSROOM ELEVATION - A-WING
1/4" = 1'-0" A-101



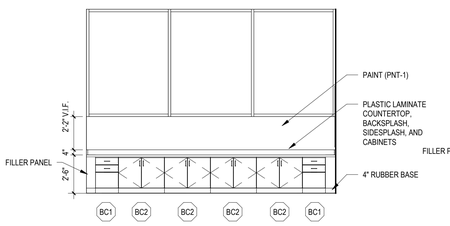
3 STOREFRONT ELEVATION
1/4" = 1'-0" A-101



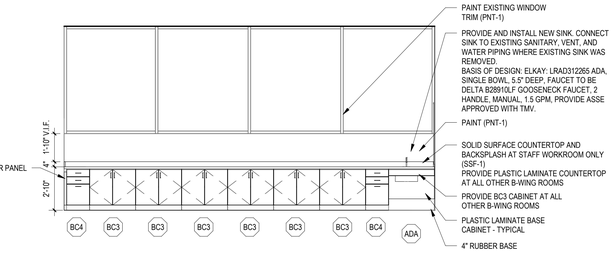
18 TYPICAL ALUMINUM STOREFRONT - HEAD DETAIL
3" = 1'-0" A-102



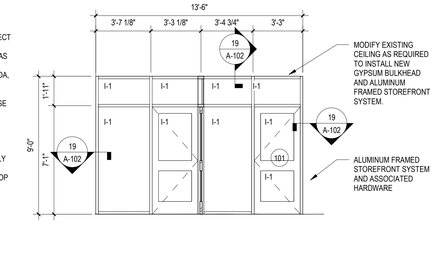
15 INTERIOR ELEVATION - NURSE
1/4" = 1'-0" A-101



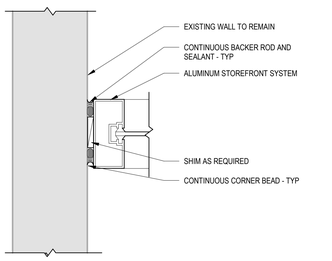
10 TYPICAL CLASSROOM ELEVATION - C-WING
1/4" = 1'-0" A-101



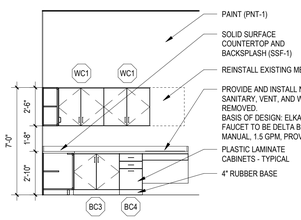
5 STAFF WORKROOM ELEVATION - B-WING
1/4" = 1'-0" A-101



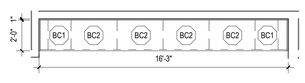
2 STOREFRONT ELEVATION
1/4" = 1'-0" A-101



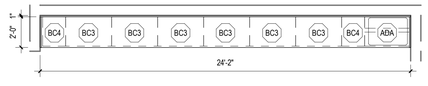
17 TYPICAL ALUMINUM STOREFRONT - JAMB DETAIL
3" = 1'-0" A-102



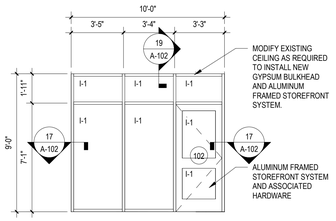
14 INTERIOR ELEVATION - NURSE
1/4" = 1'-0" A-101



9 TYPICAL CLASSROOM PLAN - C-WING
1/4" = 1'-0" A-101



4 STAFF WORKROOM PLAN - B-WING
1/4" = 1'-0" A-101



1 STOREFRONT ELEVATION
1/4" = 1'-0" A-101

LEGAT ARCHITECTS
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT

2026 FACILITY IMPROVEMENTS

BUTTERWORTH ELEMENTARY SCHOOL
LOGAN ELEMENTARY SCHOOL
WASHINGTON ELEMENTARY SCHOOL
MOLINE HIGH SCHOOL

ARCHITECT
Legat Architects, Inc.
1515 5th Ave, Suite 108
Moline, IL 61265
P: 309.517.5536
www.legat.com

MEP/FP ENGINEER
RTM Engineering Consultants
5137 Utica Ridge Rd.
Davenport, IA 52807
P: 563.726.6310
www.rtmec.com

SIGNATURE

DATE

REVISIONS

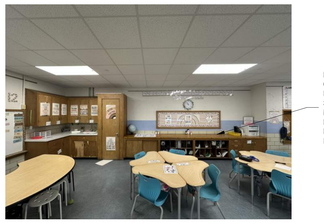
NO.	DESCRIPTION	DATE

PROJECT NUMBER	225057.00
DATE OF ISSUE	02.16.2026
DRAWN BY	CF
REVIEWED BY	ZC

BUTTERWORTH ELEMENTARY SCHOOL - INTERIOR ELEVATIONS

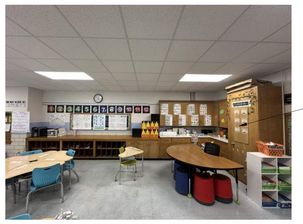
A-102

BIDDING



REMOVE EXISTING CASEWORK AND COUNTERTOP SYSTEM IN ITS ENTIRETY. REMOVE EXISTING SANITARY AND WATER LINES BACK TO MAIN LINE AND CAP WHERE PRESENT. PATCH AND REPAIR EXISTING WALL AS REQUIRED TO PROVIDE A CONSISTENT FINISH.

1 & 2



REMOVE EXISTING CASEWORK AND COUNTERTOP SYSTEM IN ITS ENTIRETY. REMOVE EXISTING SANITARY AND WATER LINES BACK TO MAIN LINE AND CAP WHERE PRESENT. PATCH AND REPAIR EXISTING WALL AS REQUIRED TO PROVIDE A CONSISTENT FINISH.

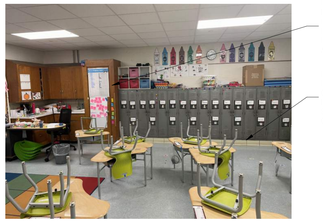
3



REMOVE EXISTING CASEWORK, COUNTERTOP, AND LOCKER SYSTEM IN THEIR ENTIRETY. REMOVE EXISTING SANITARY AND WATER LINES BACK TO MAIN LINE AND CAP WHERE PRESENT. PATCH AND REPAIR EXISTING WALL AS REQUIRED TO PROVIDE A CONSISTENT FINISH.

REMOVE EXISTING CONCRETE AND TILE BASE BENEATH LOCKERS/CASEWORK. PATCH EXISTING CONCRETE FLOOR WITH CEMENTIOUS SELF-LEVELING SYSTEM TO PROVIDE A SMOOTH SURFACE FOR THE INSTALLATION OF THE NEW CASEWORK.

4 & 7



REMOVE EXISTING CASEWORK, COUNTERTOP, AND LOCKER SYSTEM IN THEIR ENTIRETY. REMOVE EXISTING SANITARY AND WATER LINES BACK TO MAIN LINE AND CAP WHERE PRESENT. PATCH AND REPAIR EXISTING WALL AS REQUIRED TO PROVIDE A CONSISTENT FINISH.

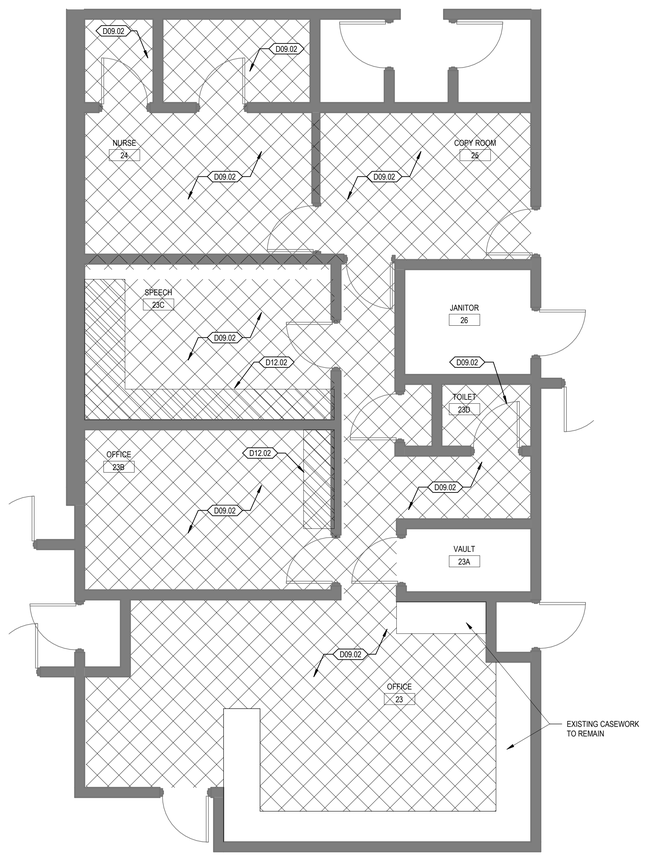
REMOVE EXISTING CONCRETE AND TILE BASE BENEATH LOCKERS/CASEWORK. PATCH EXISTING CONCRETE FLOOR WITH CEMENTIOUS SELF-LEVELING SYSTEM TO PROVIDE A SMOOTH SURFACE FOR THE INSTALLATION OF THE NEW CASEWORK.

8 & 9



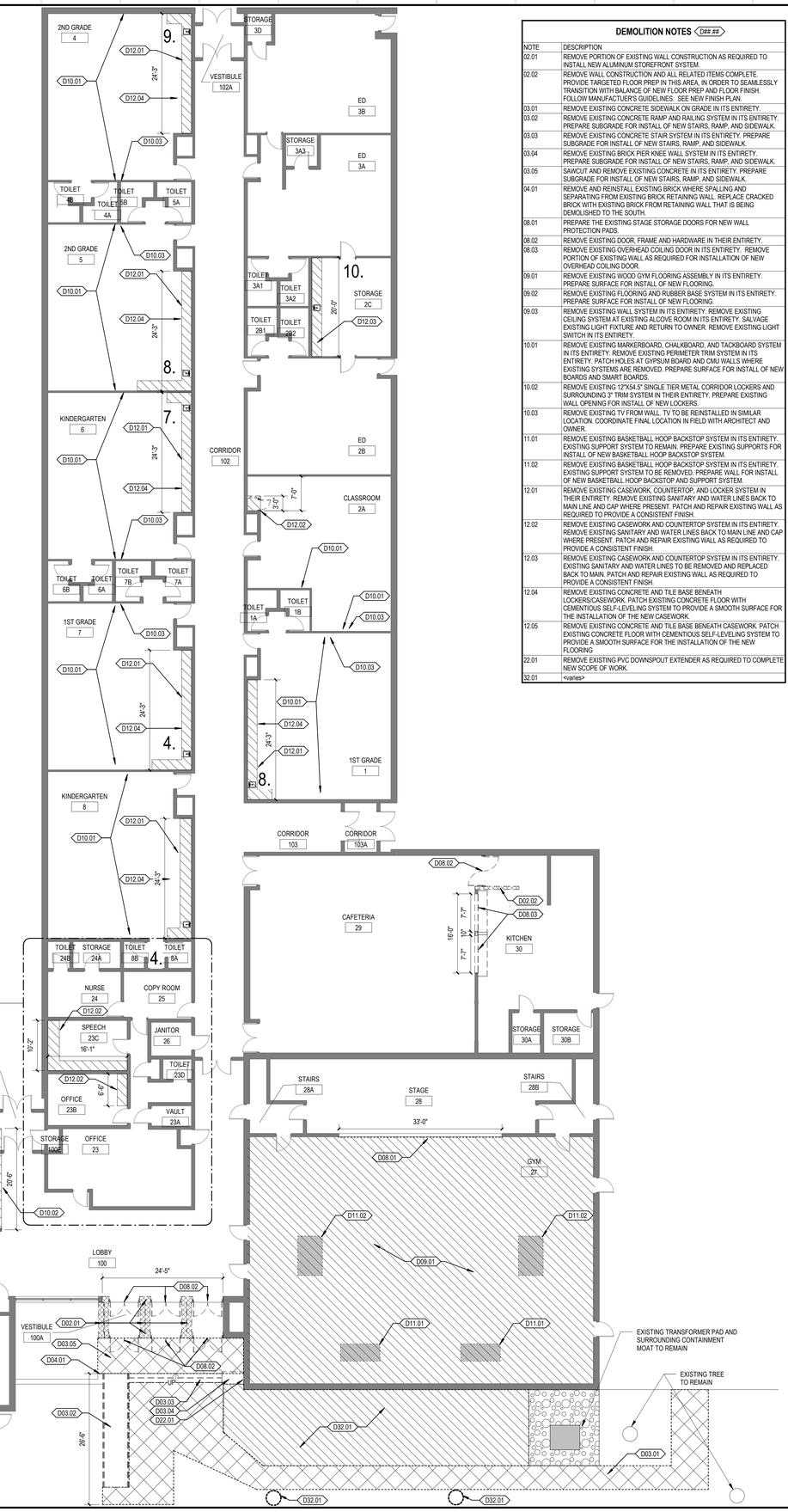
REMOVE EXISTING CASEWORK AND COUNTERTOP SYSTEM IN ITS ENTIRETY. EXISTING SANITARY AND WATER LINES TO BE REMOVED AND REPLACED BACK TO MAIN. PATCH AND REPAIR EXISTING WALL AS REQUIRED TO PROVIDE A CONSISTENT FINISH.

10



3 ENLARGED PLAN - MAIN OFFICE DEMOLITION WORK
1/4" = 1'-0" AD201

2 FIRST FLOOR DEMOLITION PLAN
3/32" = 1'-0" A-202



DEMOLITION NOTES D##

NOTE	DESCRIPTION
02.01	REMOVE PORTION OF EXISTING WALL CONSTRUCTION AS REQUIRED TO INSTALL NEW ALUMINUM STOREFRONT SYSTEM.
02.02	REMOVE WALL CONSTRUCTION AND ALL RELATED ITEMS COMPLETE. PROVIDE TARGETED FLOOR PREP IN THIS AREA, IN ORDER TO SEAMLESSLY TRANSITION WITH BALANCE OF NEW FLOOR PREP AND FLOOR FINISH. FOLLOW MANUFACTUER'S GUIDELINES. SEE NEW FINISH PLAN.
03.01	REMOVE EXISTING CONCRETE SIDEWALK ON GRADE IN ITS ENTIRETY.
03.02	REMOVE EXISTING CONCRETE RAMP AND RAILING SYSTEM IN ITS ENTIRETY. PREPARE SUBGRADE FOR INSTALL OF NEW STAIRS, RAMP, AND SIDEWALK.
03.03	REMOVE EXISTING CONCRETE STAIR SYSTEM IN ITS ENTIRETY. PREPARE SUBGRADE FOR INSTALL OF NEW STAIRS, RAMP, AND SIDEWALK.
03.04	REMOVE EXISTING BRICK PIER KNEE WALL SYSTEM IN ITS ENTIRETY. PREPARE SUBGRADE FOR INSTALL OF NEW STAIRS, RAMP, AND SIDEWALK.
03.05	SAWCUT AND REMOVE EXISTING CONCRETE IN ITS ENTIRETY. PREPARE SUBGRADE FOR INSTALL OF NEW STAIRS, RAMP, AND SIDEWALK.
04.01	REMOVE AND REINSTALL EXISTING BRICK WHERE SPALLING AND SEPARATING FROM EXISTING BRICK RETAINING WALL. REPLACE CRACKED BRICK WITH EXISTING BRICK FROM RETAINING WALL THAT IS BEING DEMOLISHED TO THE SOUTH.
08.01	PREPARE THE EXISTING STAGE STORAGE DOORS FOR NEW WALL PROTECTION PADS.
08.02	REMOVE EXISTING DOOR, FRAME AND HARDWARE IN THEIR ENTIRETY.
08.03	REMOVE EXISTING OVERHEAD COILING DOOR IN ITS ENTIRETY. REMOVE PORTION OF EXISTING WALL AS REQUIRED FOR INSTALLATION OF NEW OVERHEAD COILING DOOR.
09.01	REMOVE EXISTING WOOD GYM FLOORING ASSEMBLY IN ITS ENTIRETY. PREPARE SURFACE FOR INSTALL OF NEW FLOORING.
09.02	REMOVE EXISTING FLOORING AND RUBBER BASE SYSTEM IN ITS ENTIRETY. PREPARE SURFACE FOR INSTALL OF NEW FLOORING.
09.03	REMOVE EXISTING WALL SYSTEM IN ITS ENTIRETY. REMOVE EXISTING CEILING SYSTEM AT EXISTING ALCOVE ROOM IN ITS ENTIRETY. SALVAGE EXISTING LIGHT FIXTURE AND RETURN TO OWNER. REMOVE EXISTING LIGHT SWITCH IN ITS ENTIRETY.
10.01	REMOVE EXISTING MARKERBOARD, CHALKBOARD, AND TACKBOARD SYSTEM IN ITS ENTIRETY. REMOVE EXISTING PERIMETER TRIM SYSTEM IN ITS ENTIRETY. PATCH HOLES AT GYPSUM BOARD AND CMU WALLS WHERE EXISTING SYSTEMS ARE REMOVED. PREPARE SURFACE FOR INSTALL OF NEW BOARDS AND SMART BOARDS.
10.02	REMOVE EXISTING 12"X54.5" SINGLE TIER METAL CORRIDOR LOCKERS AND SURROUNDING 3" TRIM SYSTEM IN THEIR ENTIRETY. PREPARE EXISTING WALL OPENING FOR INSTALL OF NEW LOCKERS.
10.03	REMOVE EXISTING TV FROM WALL. TV TO BE REINSTALLED IN SIMILAR LOCATION. COORDINATE FINAL LOCATION IN FIELD WITH ARCHITECT AND OWNER.
11.01	REMOVE EXISTING BASKETBALL HOOP BACKSTOP SYSTEM IN ITS ENTIRETY. EXISTING SUPPORT SYSTEM TO REMAIN. PREPARE EXISTING SUPPORTS FOR INSTALL OF NEW BASKETBALL HOOP BACKSTOP SYSTEM.
11.02	REMOVE EXISTING BASKETBALL HOOP BACKSTOP SYSTEM IN ITS ENTIRETY. EXISTING SUPPORT SYSTEM TO BE REMOVED. PREPARE WALL FOR INSTALL OF NEW BASKETBALL HOOP BACKSTOP AND SUPPORT SYSTEM.
12.01	REMOVE EXISTING CASEWORK, COUNTERTOP, AND LOCKER SYSTEM IN THEIR ENTIRETY. REMOVE EXISTING SANITARY AND WATER LINES BACK TO MAIN LINE AND CAP WHERE PRESENT. PATCH AND REPAIR EXISTING WALL AS REQUIRED TO PROVIDE A CONSISTENT FINISH.
12.02	REMOVE EXISTING CASEWORK AND COUNTERTOP SYSTEM IN ITS ENTIRETY. REMOVE EXISTING SANITARY AND WATER LINES BACK TO MAIN LINE AND CAP WHERE PRESENT. PATCH AND REPAIR EXISTING WALL AS REQUIRED TO PROVIDE A CONSISTENT FINISH.
12.03	REMOVE EXISTING CASEWORK AND COUNTERTOP SYSTEM IN ITS ENTIRETY. EXISTING SANITARY AND WATER LINES TO BE REMOVED AND REPLACED BACK TO MAIN. PATCH AND REPAIR EXISTING WALL AS REQUIRED TO PROVIDE A CONSISTENT FINISH.
12.04	REMOVE EXISTING CONCRETE AND TILE BASE BENEATH LOCKERS/CASEWORK. PATCH EXISTING CONCRETE FLOOR WITH CEMENTIOUS SELF-LEVELING SYSTEM TO PROVIDE A SMOOTH SURFACE FOR THE INSTALLATION OF THE NEW CASEWORK.
12.05	REMOVE EXISTING CONCRETE AND TILE BASE BENEATH CASEWORK. PATCH EXISTING CONCRETE FLOOR WITH CEMENTIOUS SELF-LEVELING SYSTEM TO PROVIDE A SMOOTH SURFACE FOR THE INSTALLATION OF THE NEW FLOORING.
22.01	REMOVE EXISTING PVC DOWNSPOUT EXTENDER AS REQUIRED TO COMPLETE NEW SCOPE OF WORK.
32.01	<varies>

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2026 FACILITY IMPROVEMENTS

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ARCHITECT
Legat Architects, Inc.
1515 5th Ave, Suite 108
Moline, IL 61265
P: 309.517.5536
www.legat.com

MEP/FP ENGINEER
RTM Engineering Consultants
5137 Utica Ridge Rd.
Davenport, IA 52807
P: 563.726.6310
www.rtmec.com

SIGNATURE

DATE

REVISIONS

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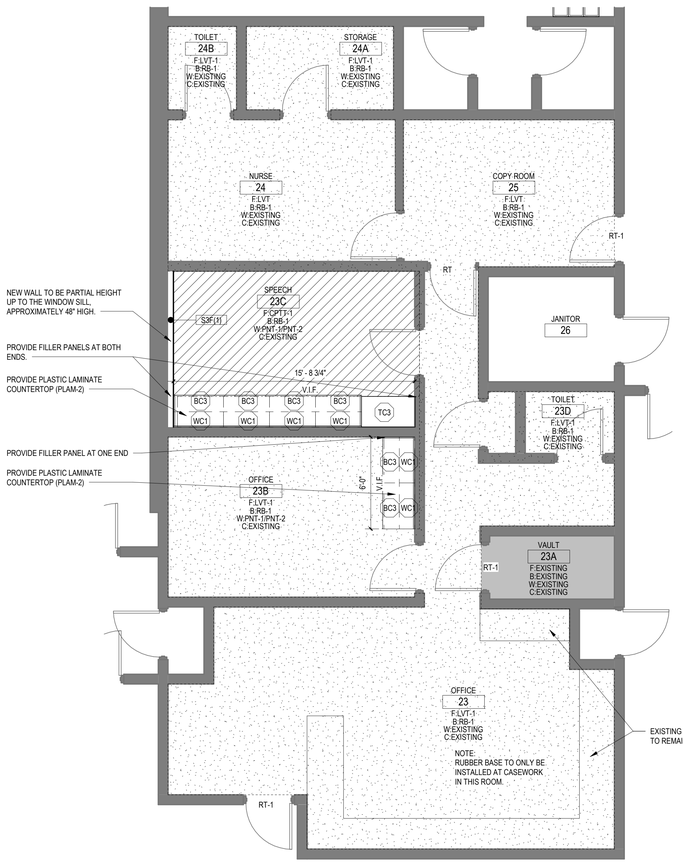
REVIEWED BY	ZC

WASHINGTON ELEMENTARY SCHOOL - DEMOLITION PLANS

AD201

BIDDING



5 ENLARGED PLAN - MAIN OFFICE NEW WORK
1/4" = 1'-0" A-201

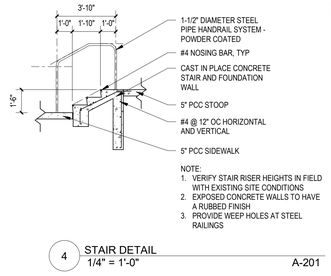
GYMNASIUM STRIPING LEGEND

- PRIMARY BASKETBALL COURT STRIPING - 2" PAINTED PER SPECIFICATIONS COLOR: TBD
- PRIMARY VOLLEYBALL COURT STRIPING - 2" PAINTED PER SPECIFICATIONS COLOR: TBD
- VFS — CORE AND PROVIDE NEW RECESSED VOLLEYBALL FLOOR SLEEVE
- EWPP — EXISTING WALL PROTECTION PADS TO REMAIN

FINISH LEGEND - WASHINGTON

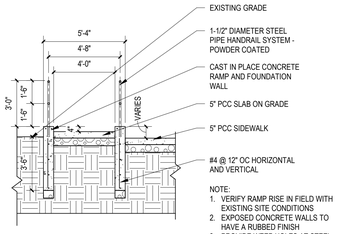
CPTT-1 CARPET TILE	MANUF: MOHAWK STYLE: WILD HORIZONS GT366 COLOR: 749 GRAY DOGWOOD SIZE: 12"X36" INSTALLATION: BRICK ASHLAR
EWPP	EXISTING WALL PROTECTION PADS TO REMAIN
LVT-1 LUXURY VINYL TILE	MANUF: MOHAWK STYLE: CHROMASCOPE C2114 COLOR: 960 WHISPERING GREY SIZE: 18"X36" INSTALLATION: BRICK ASHLAR
PLAM-1 PLASTIC LAMINATE	MANUF: WILSONART COLOR: KENSINGTON MAPLE 10776-60 LOCATION: CABINETS
PLAM-2 PLASTIC LAMINATE	MANUF: WILSONART COLOR: NORDIC LINEN 5015-38 LOCATION: COUNTERTOPS
PNT-1	MANUF: SHERWIN WILLIAMS COLOR: ALABASTER SW 7008
PNT-2 ACCENT PAINT	MANUF: SHERWIN WILLIAMS COLOR: JACARANDA SW 6802
RB-1 RUBBER BASE	MANUF: TARKETT STYLE: COVE AND STRAIGHT COLOR: CHARCOAL SIZE: 4"
RB-2 RUBBER BASE	MANUF: TARKETT STYLE: COVE AND STRAIGHT COLOR: BLACK SIZE: 6"
RT-1 RUBBER TRANSITION	MANUF: TARKETT STYLE: JOHNSONITE RUBBER TRANSITION TYPE: 1/8" TO FLOOR: SSR-XX-B
RT-2 RUBBER TRANSITION	MANUF: TARKETT STYLE: JOHNSONITE RUBBER TRANSITION TYPE: 3/8" TO FLOOR: CTA-XX-P -COORDINATE TRANSITION TYPE IN FIELD WITH FINISH FLOOR ELEVATIONS OF NEWLY INSTALLED SPORTS FLOORING.
SF-1 SPORTS FLOOR	MANUF: TARKETT STYLE: OMNISPORTS COMPACT 2.0 MM LUMAFLEX SYSTEM WITH 1" XPS RIGID FOAM INSULATION UNDERLAYMENT COLOR: GOLDEN MAPLE
SF-2 SPORTS FLOOR	MANUF: TARKETT STYLE: OMNISPORTS COMPACT 2.0 MM LUMAFLEX SYSTEM WITH 1" XPS RIGID FOAM INSULATION UNDERLAYMENT COLOR: TBD

NOTE:
1. OWNER WILL PROVIDE BOXES FOR CONTRACTOR TO BOX UP EXISTING TVS. OWNER WILL STORE TVS OFFSITE. CONTRACTOR TO REINSTALL TVS. COORDINATE FINAL LOCATION AND HEIGHT IN FIELD WITH OWNER PRIOR TO INSTALL.



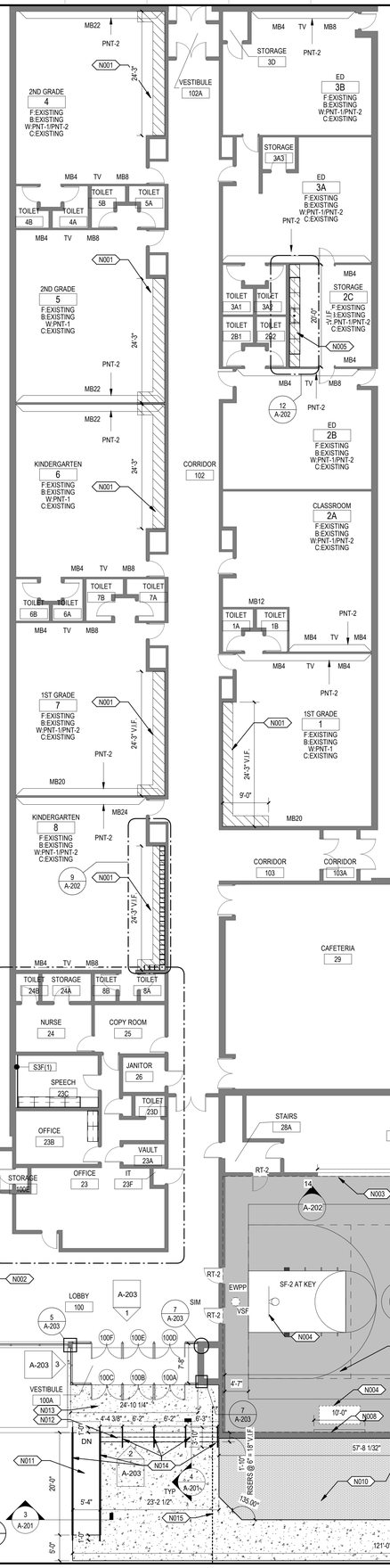
NOTE:
1. VERIFY STAIR RISER HEIGHTS IN FIELD WITH EXISTING SITE CONDITIONS
2. EXPOSED CONCRETE WALLS TO HAVE A RUBBED FINISH
3. PROVIDE WEEP HOLES AT STEEL RAILINGS

4 STAIR DETAIL
1/4" = 1'-0" A-201



NOTE:
1. VERIFY RAMP RISE IN FIELD WITH EXISTING SITE CONDITIONS
2. EXPOSED CONCRETE WALLS TO HAVE A RUBBED FINISH
3. PROVIDE WEEP HOLES AT STEEL RAILINGS

3 RAMP DETAIL
1/4" = 1'-0" A-201



2 FIRST FLOOR PLAN
3/32" = 1'-0" A-202

ARCHITECTURAL PLAN NOTES (N###)

NOTE	DESCRIPTION
N001	PROVIDE AND INSTALL NEW PLASTIC LAMINATE CASEWORK AND COUNTERTOPS. REFER TO ELEVATIONS FOR ADDITIONAL INFORMATION.
N002	PREPARE EXISTING OPENING FOR INSTALL OF NEW LOCKERS. PROVIDE AND INSTALL NEW METAL LOCKERS. LOCKERS TO BE 18" WIDE DOUBLE TIER STYLE.
N003	PROVIDE AND INSTALL NEW STAGE MOUNTED PAD SYSTEM ACROSS EXISTING STAGE FRONT. PROVIDE OPENING IN WALL PADS WHERE EXISTING HAND HOLES ARE LOCATED. PADS TO BE MOUNTED TO DOORS AND ALLOW FULL OPERATION OF THE EXISTING DOORS. PROVIDE AND INSTALL NEW WALL PROTECTION PAD ALONG STAGE EDGE TO PROVIDE CORNER PROTECTION ALONG TOP OF STAGE.
N004	PROVIDE AND INSTALL NEW BASKETBALL HOOP BACKSTOP SYSTEM. ATTACH TO EXISTING BASKETBALL HOOP SUPPORT STRUCTURE. REFER TO SPECIFICATIONS.
N005	PROVIDE AND INSTALL NEW SINK. CONNECT SINK TO EXISTING SANITARY, VENT, AND WATER PIPING WHERE EXISTING SINK WAS REMOVED.BASIS OF DESIGN: ELKAY: LRAD312265 ADA, SINGLE BOWL, 5.5" DEEP, FAUCET TO BE DELTA B28910LF GOOSENECK FAUCET, 2 HANDLE, MANUAL, 1.5 GPM, PROVIDE ASSE APPROVED WITH TMV.
N006	PROVIDE FREE THROW MARKINGS FOR SIDE COURT BASKETBALL HOOPS.
N007	PROVIDE NEW ACT TO MATCH EXISTING ACT WHERE REMOVED DUE TO EXISTING WALL DEMOLITION. REINSTALL ALL EXISTING CEILING MOUNTED DEVICES.
N008	PROVIDE AND INSTALL NEW WALL MOUNTED PAD SYSTEM. PROVIDE OPENINGS IN WALL PADS WHERE EXISTING RECEPTACLES, PULLS, AND WALL BRACKETS ARE LOCATED.
N009	NEW 5" P.C.C. CONCRETE SIDEWALK OVER 4" GRANULAR SUBBASE (CA-7). COMPACT SUBGRADE.
N010	NEW 5" P.C.C. STAMPED AND COLORED CONCRETE SIDEWALK OVER 4" GRANULAR SUBBASE (CA-7). COMPACT SUBGRADE.
N011	NEW CAST IN PLACE CONCRETE RAMP AND METAL RAILING ASSEMBLY OVER 4" GRANULAR SUBBASE (CA-7). COMPACT SUBGRADE.
N012	NEW CAST IN PLACE CONCRETE STAIR AND METAL RAILING ASSEMBLY OVER 4" GRANULAR SUBBASE (CA-7). COMPACT SUBGRADE. PROVIDE FOOTING TO 42" BELOW GRADE.
N013	NEW CAST IN PLACE CONCRETE STOOP OVER 4" GRANULAR SUBBASE (CA-7). COMPACT SUBGRADE. DOWEL INTO EXISTING FOUNDATION WALL WITH #4 DOWELS AT 12" OC.
N014	PROVIDE AND INSTALL NEW 1-1/2" DIAMETER STEEL PIPE GUARDRAIL SYSTEM AT RAMP AND STAIR. CORE RAILINGS INTO NEW CONCRETE. RAILINGS TO BE POWDER COATED.
N015	PROVIDE AND INSTALL 4" CORRUGATED DOWNSPOUT PIPING (APPROXIMATELY 50') AND TRENCH UNDERGROUND TO GRASS AREA TO THE WEST. PROVIDE 4" NDS POP-UP YARD DRAIN TO DAYLIGHT STORMWATER.

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MOLINE-COAL VALLEY SCHOOL DISTRICT

2026 FACILITY IMPROVEMENTS

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WASHINGTON ELEMENTARY SCHOOL
MOLINE HIGH SCHOOL

ARCHITECT
Legat Architects, Inc.
1515 5th Ave, Suite 108
Moline, IL 61265
P: 309.517.5536
www.legat.com

MEP/FP ENGINEER
RTM Engineering Consultants
5137 Utica Ridge Rd.
Davenport, IA 52807
P: 563.726.6310
www.rtmec.com

SIGNATURE

DATE

REVISIONS

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WASHINGTON ELEMENTARY SCHOOL - FLOOR PLANS

A-201

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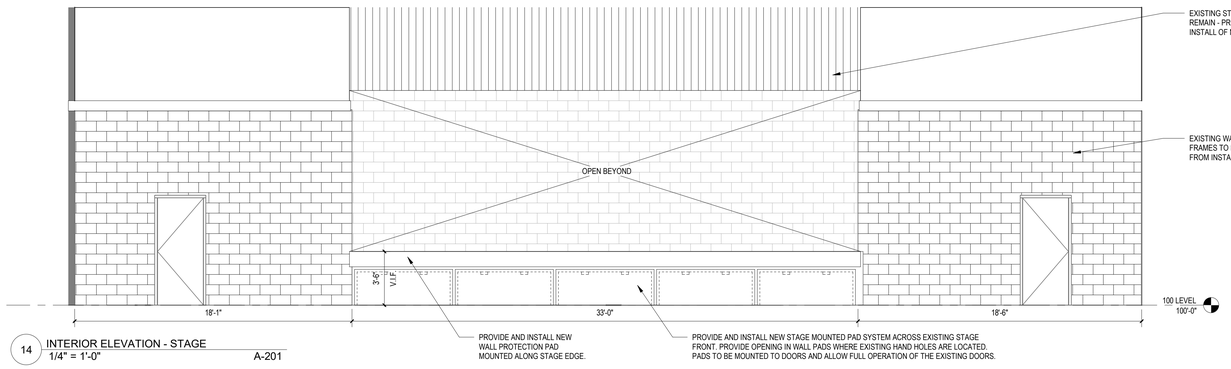
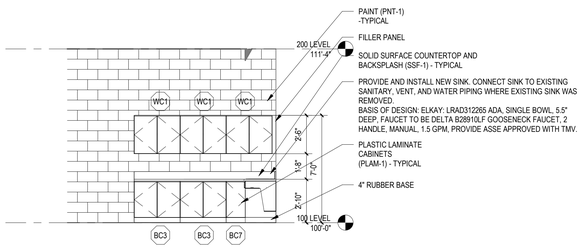


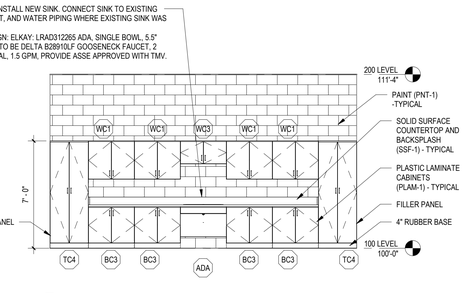
14 INTERIOR ELEVATION - STAGE
1/4" = 1'-0" A-201

CASEWORK SCHEDULE

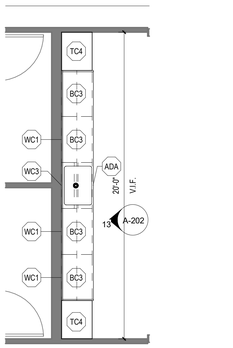
TYPE	DESCRIPTION	CONSTRUCTION	HEIGHT (INCHES)	WIDTH (INCHES)	DEPTH (INCHES)	EXTERIOR FINISH	INTERIOR FINISH	HARDWARE FINISH	COMMENTS
CB1	PLASTIC LAMINATE OPEN CUBBY SHELVING - (1) FIXED TOP SHELF, (1) FIXED BOTTOM SHELF, (3) HOOKS LOCATED AT THE BACK AND SIDE PANELS. FIXED SHELF, (2) HOOKS	FULL OVERLAY	48	12	12	PL-1	PL-1	STAINLESS STEEL	
ADA VANITY									
ADA1	PLASTIC LAMINATE ADA SINK BASE WITH ANGLED PANEL		30	36	24	PL-1			
BASE CABINETS						PL-1			
ADA	ADA SINK PANELS	FULL OVERLAY	32.5	36	24	PL-1	MELAMINE	N/A	
BC1	PLASTIC LAMINATE BASE CABINET - (2) EQUAL SIZED DRAWERS, (1) FILE DRAWER	FULL OVERLAY	28.5	18	24	PL-1	MELAMINE	STAINLESS STEEL	
BC2	PLASTIC LAMINATE BASE CABINET - (2) DOORS, (1) ADJUSTABLE SHELF	FULL OVERLAY	28.5	36	24	PL-1	MELAMINE	STAINLESS STEEL	
BC3	PLASTIC LAMINATE BASE CABINET - (2) DOORS, (1) ADJUSTABLE SHELF	FULL OVERLAY	32.5	36	24	PL-1	MELAMINE	STAINLESS STEEL	
BC4	PLASTIC LAMINATE BASE CABINET - (2) EQUAL SIZED DRAWERS, (1) FILE DRAWER	FULL OVERLAY	32.5	18	24	PL-1	MELAMINE	STAINLESS STEEL	
BC6	PLASTIC LAMINATE BLIND BASE CABINET - (1) DOOR, (1) ADJUSTABLE SHELF	FULL OVERLAY	28.5	21	24	PL-1	MELAMINE	STAINLESS STEEL	
BC7	PLASTIC LAMINATE BLIND BASE CABINET - (1) DOOR, (1) ADJUSTABLE SHELF	FULL OVERLAY	32.5	15	24	PL-1	MELAMINE	STAINLESS STEEL	
BC8	PLASTIC LAMINATE BASE CABINET - (2) DOORS, (1) ADJUSTABLE SHELF	FULL OVERLAY	32.5	45	24	PL-1	MELAMINE	STAINLESS STEEL	
OS1	PLASTIC LAMINATE BASE CABINET OPEN SHELVING - (1) ADJUSTABLE SHELF	FULL OVERLAY	28.5	36	24	PL-1	PL-1	N/A	
TALL CABINETS									
TC1	PLASTIC LAMINATE TALL CABINET - (2) LOCKABLE DOORS, (5) ADJUSTABLE SHELVES.	FULL OVERLAY	84	36	24	PL-1	MELAMINE	STAINLESS STEEL	
TC2	PLASTIC LAMINATE TALL CABINET - (2) LOCKABLE DOORS, (2) FIXED SHELVES, (1) CLOSET ROD.	FULL OVERLAY	84	42	24	PL-1	MELAMINE	STAINLESS STEEL	
TC3	PLASTIC LAMINATE TALL CABINET - (2) LOCKABLE DOORS, (5) ADJUSTABLE SHELVES	FULL OVERLAY	84	42	24	PL-1	MELAMINE	STAINLESS STEEL	
TC4	PLASTIC LAMINATE TALL CABINET - (2) LOCKABLE DOORS, (5) ADJUSTABLE SHELVES.	FULL OVERLAY	84	30	24	PL-1	MELAMINE	STAINLESS STEEL	
UPPER CABINETS									
WC1	PLASTIC LAMINATE WALL CABINET - (2) DOORS, (1) ADJUSTABLE SHELF	FULL OVERLAY	30	36	12	PL-1	MELAMINE	STAINLESS STEEL	
WC2	PLASTIC LAMINATE BLIND WALL CABINET - (1) DOOR, (1) ADJUSTABLE SHELF	FULL OVERLAY	30	27	12	PL-1	MELAMINE	STAINLESS STEEL	
WC3	PLASTIC LAMINATE WALL CABINET - (2) DOORS	FULL OVERLAY	18	36	12	PL-1	MELAMINE	STAINLESS STEEL	
WC4	PLASTIC LAMINATE WALL CABINET - (2) DOORS, (1) ADJUSTABLE SHELF	FULL OVERLAY	30	39	12	PL-1	MELAMINE	STAINLESS STEEL	
WC5	PLASTIC LAMINATE WALL CABINET - (2) DOORS, (1) ADJUSTABLE SHELF	FULL OVERLAY	36	36	12	PL-1	MELAMINE	STAINLESS STEEL	
WC6	PLASTIC LAMINATE BLIND WALL CABINET - (1) DOOR, (1) ADJUSTABLE SHELF	FULL OVERLAY	36	24	12	PL-1	MELAMINE	STAINLESS STEEL	



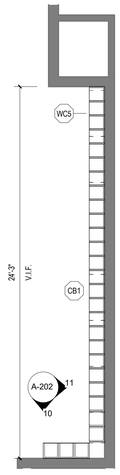
16 INTERIOR ELEVATION - LOUNGE
1/4" = 1'-0" A-202



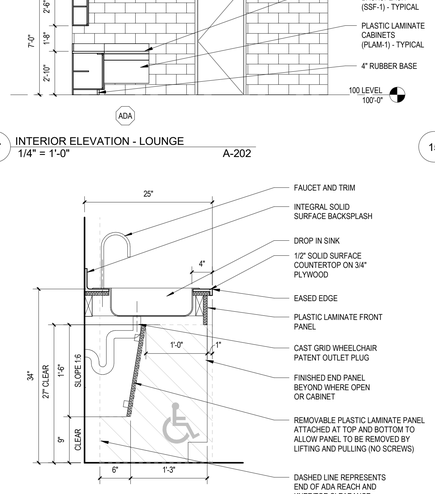
13 INTERIOR ELEVATION - STORAGE 2C
1/4" = 1'-0" A-202



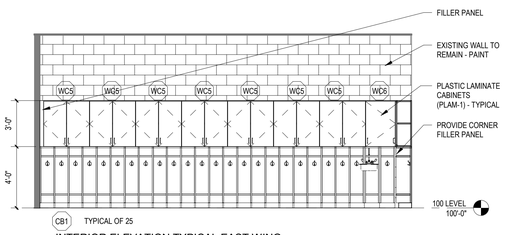
12 ENLARGED FLOOR PLAN - STORAGE 2C
1/4" = 1'-0" A-201



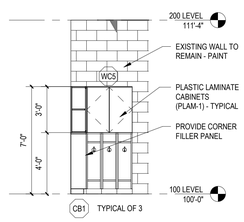
9 ENLARGED FLOOR PLAN - TYPICAL EAST WING CLASSROOM
1/4" = 1'-0" A-201



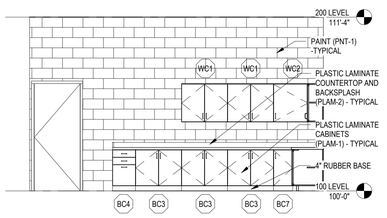
8 ADA SINK - DROP-IN - SINK 2
1" = 1'-0"



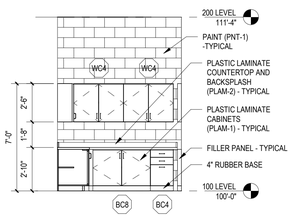
11 INTERIOR ELEVATION TYPICAL EAST WING CLASSROOM
1/4" = 1'-0" A-201



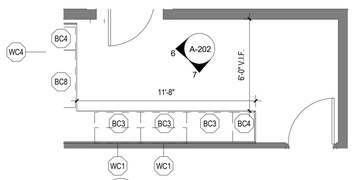
10 INTERIOR ELEVATION TYPICAL EAST WING CLASSROOM
1/4" = 1'-0" A-202



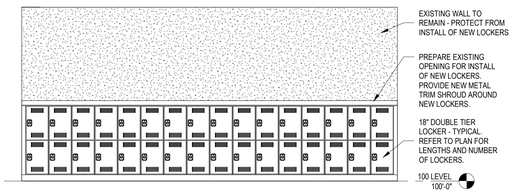
7 INTERIOR ELEVATION - OFFICE 18A
1/4" = 1'-0" A-202



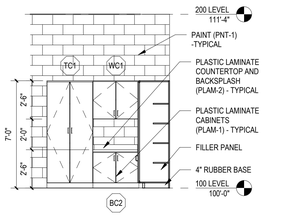
6 INTERIOR ELEVATION - OFFICE 18A
1/4" = 1'-0" A-202



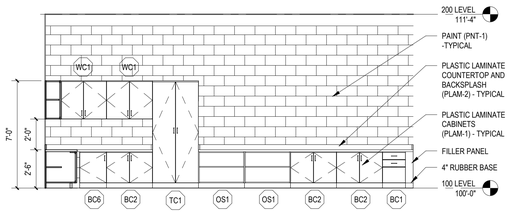
5 CALLOUT - OFFICE 18A
1/4" = 1'-0" A-201



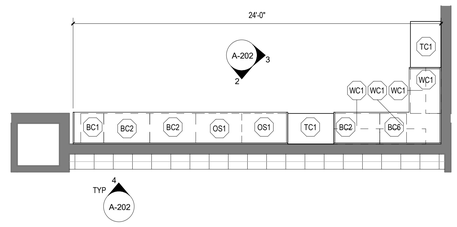
4 INTERIOR ELEVATION - TYPICAL LOCKERS
1/4" = 1'-0" A-202



3 INTERIOR ELEVATION - TYPICAL NORTH WING CLASSROOM
1/4" = 1'-0" A-202



2 INTERIOR ELEVATION - TYPICAL NORTH WING CLASSROOM
1/4" = 1'-0" A-202



1 ENLARGED FLOOR PLAN - TYPICAL NORTH WING CLASSROOM
1/4" = 1'-0" A-201

LEGAT ARCHITECTS
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MOLINE-COAL VALLEY SCHOOL DISTRICT

2026 FACILITY IMPROVEMENTS

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LOGAN ELEMENTARY SCHOOL
WASHINGTON ELEMENTARY SCHOOL
MOLINE HIGH SCHOOL

ARCHITECT
Legat Architects, Inc.
1515 5th Ave, Suite 108
Moline, IL 61265
P: 309.517.5536
www.legat.com

MEP/FP ENGINEER
RTM Engineering Consultants
5137 Utica Ridge Rd.
Davenport, IA 52807
P: 563.726.6310
www.rtmec.com

SIGNATURE

DATE

REVISIONS

NO.	DESCRIPTION	DATE

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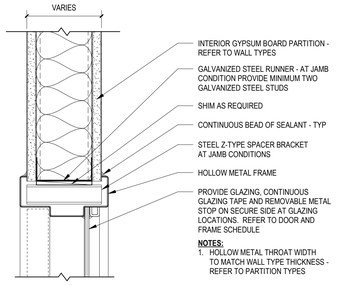
REVIEWED BY	ZC

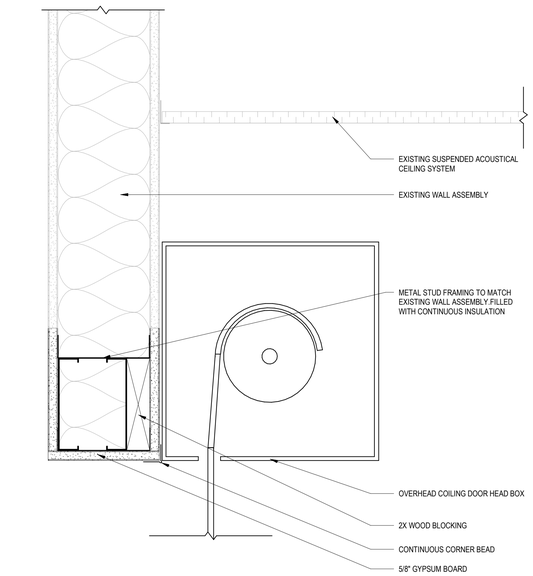
WASHINGTON ELEMENTARY SCHOOL - INTERIOR ELEVATIONS

A-202

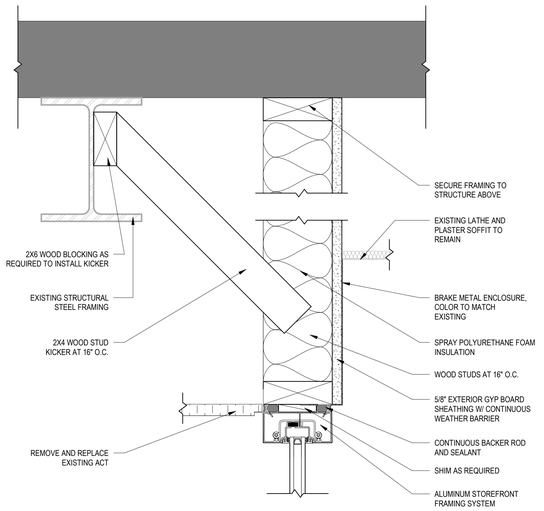
BIDDING



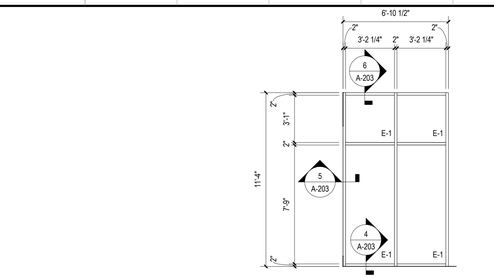
12 TYP. HOLLOW METAL - HEAD DETAIL - STUD WALL
3" = 1'-0"



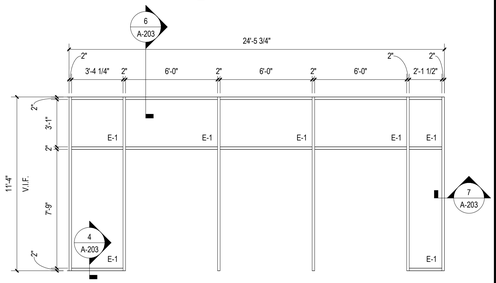
9 TYP. OCD - HEAD DETAIL - STUD WALL
3" = 1'-0"



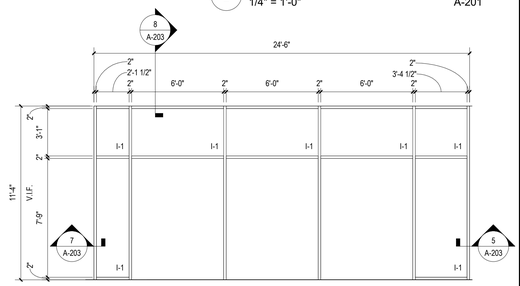
6 EXTERIOR STOREFRONT HEAD DETAIL
3" = 1'-0" A-203



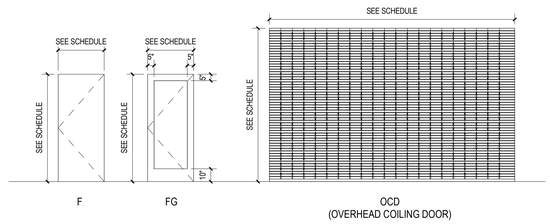
3 EXTERIOR ALUMINUM STOREFRONT ELEVATION
1/4" = 1'-0" A-201



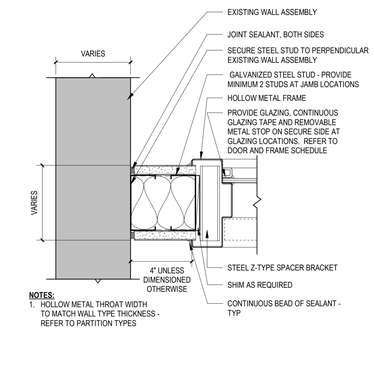
2 EXTERIOR ALUMINUM STOREFRONT ELEVATION
1/4" = 1'-0" A-201



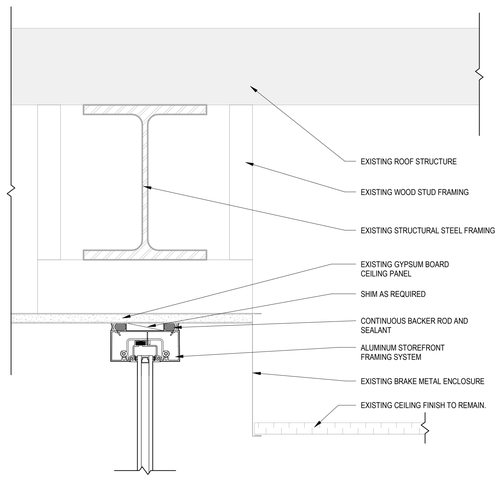
1 INTERIOR ALUMINUM STOREFRONT ELEVATION
1/4" = 1'-0" A-201



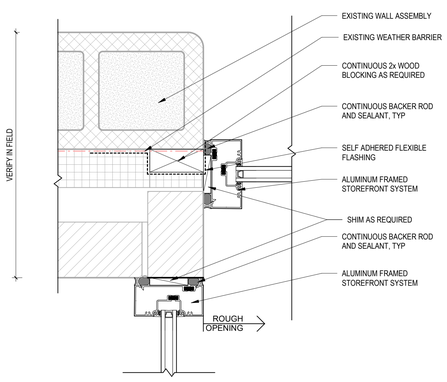
DOOR TYPES
1/4" = 1'-0"



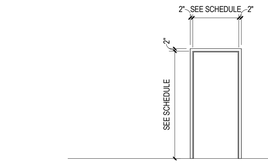
11 TYP. HOLLOW METAL - JAMB DETAIL - STUD WALL
3" = 1'-0"



8 EXTERIOR STOREFRONT HEAD DETAIL
3" = 1'-0" A-203



5 TYPICAL BRICK JAMB DETAIL
3" = 1'-0" A-201



FRAME TYPES
1/4" = 1'-0"

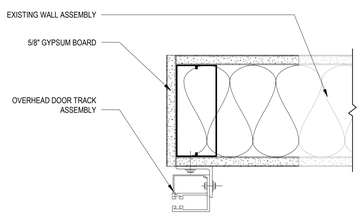
REFERENCED NOTES

1. PROVIDE CARD READER AND ELECTRIC STRIKE.
2. PROVIDE AUTO OPERATOR

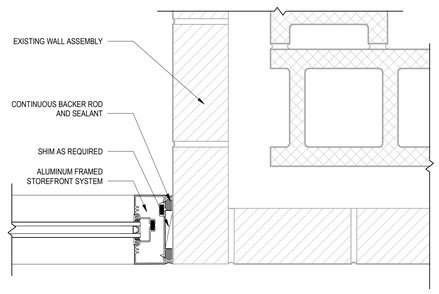
GLAZING TYPES	
EXTERIOR:	
E-1	1" INSULATED CLEAR GLAZING UNIT
INTERIOR:	
I-1	TEMPERED GLAZING UNIT

DOOR AND FRAME SCHEDULE

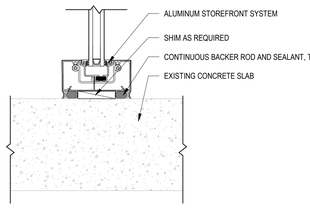
	DOOR					FRAME								
										DETAILS				
DOOR #	TYPE	MATERIAL	WIDTH	HEIGHT	THICK	TYPE	MATERIAL	FIRE RATING	HDWR	HEAD	JAMB	JAMB	SILL	REFERENCED NOTES
30	F	HM	6'-0"	7'-0"	1 3/4"	DF	HM	-	18	12/A-203	11/A-203	-	-	
30A	OCD	ST	16'-0"	10'-0"	5/16"	-	ST	-	19	9/A-203	10/A-601	-	-	
100A	FG	AL	6'-0"	7'-11"	1 3/4"	-	AL	-	07	6/A-203	7/A-203	-	4/A-203	
100B	FG	AL	6'-0"	7'-11"	1 3/4"	-	AL	-	08	6/A-203	7/A-203	-	4/A-203	
100C	FG	AL	6'-0"	7'-11"	1 3/4"	-	AL	-	09	6/A-203	7/A-203	-	4/A-203	1,2
100D	FG	AL	6'-0"	7'-11"	1 3/4"	-	AL	-	10	8/A-203	7/A-203	5/A-203	4/A-203	
100E	FG	AL	6'-0"	7'-11"	1 3/4"	-	AL	-	11	8/A-203	7/A-203	5/A-203	4/A-203	
100F	FG	AL	6'-0"	7'-11"	1 3/4"	-	AL	-	12	8/A-203	7/A-203	5/A-203	4/A-203	1,2



10 TYP. OCD - HEAD DETAIL - STUD WALL
3" = 1'-0"



7 TYPICAL BRICK JAMB DETAIL
3" = 1'-0" A-201



4 STOREFRONT SILL DETAIL
3" = 1'-0" A-203

LEGAT ARCHITECTS
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT

2026 FACILITY IMPROVEMENTS

BUTTERWORTH ELEMENTARY SCHOOL
LOGAN ELEMENTARY SCHOOL
WASHINGTON ELEMENTARY SCHOOL
MOLINE HIGH SCHOOL

ARCHITECT
Legat Architects, Inc.
1515 5th Ave, Suite 108
Moline, IL 61265
P: 309.517.5536
www.legat.com

MEP/FP ENGINEER
RTM Engineering Consultants
5137 Utica Ridge Rd.
Davenport, IA 52807
P: 563.726.6310
www.rtmec.com

SIGNATURE

DATE

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PROJECT NUMBER	225057.00
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REVIEWED BY	ZC

WASHINGTON ELEMENTARY SCHOOL - DOOR AND FRAME DETAILS

A-203

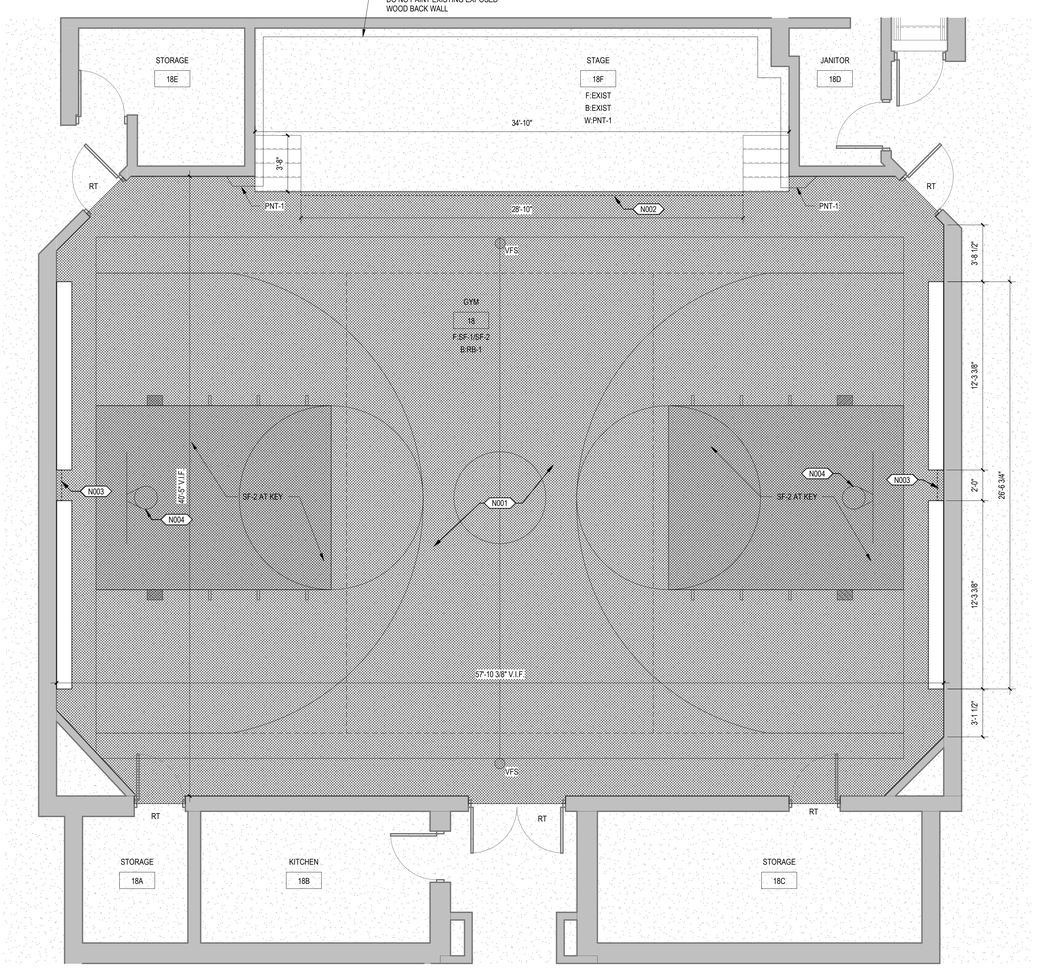
BIDDING

GYMNASIUM STRIPING LEGEND	
	PRIMARY BASKETBALL COURT STRIPING - 2" PAINTED PER SPECIFICATIONS COLOR: TBD
	PRIMARY VOLLEYBALL COURT STRIPING - 2" PAINTED PER SPECIFICATIONS COLOR: TBD
VFS	CORE AND PROVIDE NEW RECESSED VOLLEYBALL FLOOR SLEEVE

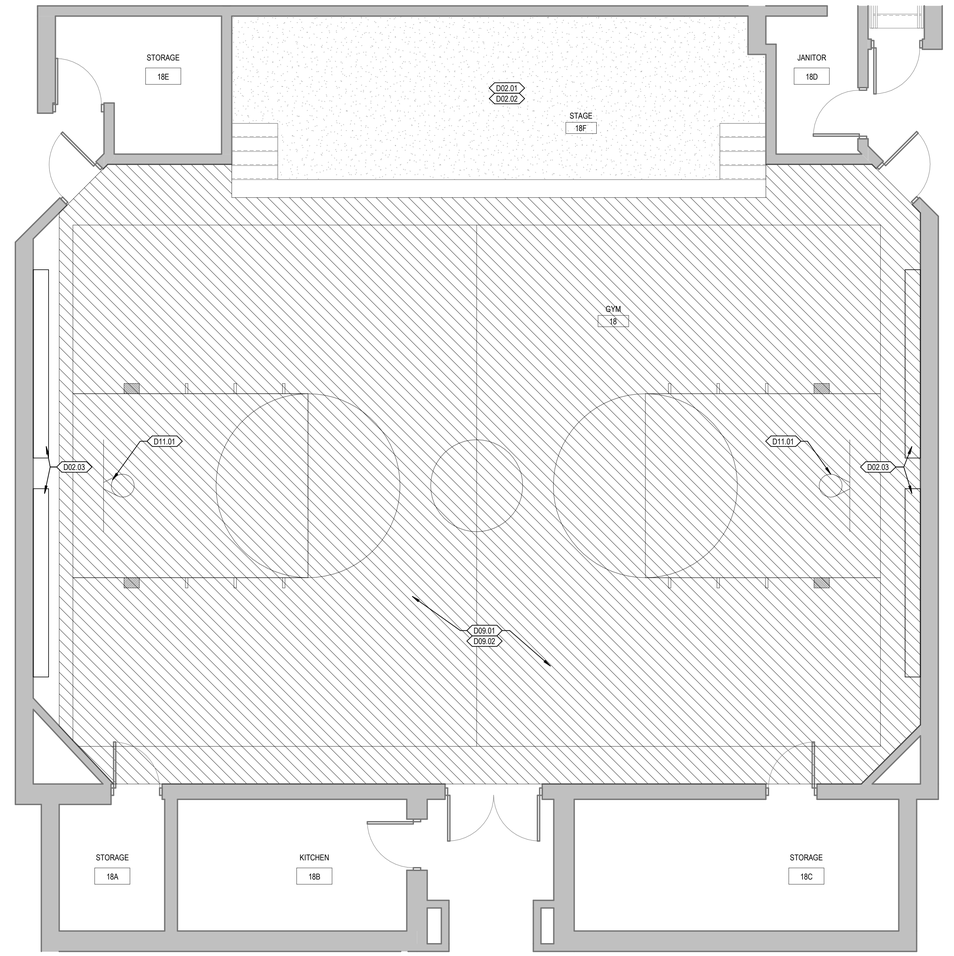
FINISH LEGEND - LOGAN ELEMENTARY SCHOOL			
LVT-1 LUXURY VINYL TILE	MANUF: MILLIKEN STYLE: LUMENOLOGY 5 MM - LIGHT WASH COLOR: LIGHT LWE265-126 SIZE: 25 CM X 1 M	SF-1 SPORTS FLOOR	MANUF: TARKETT STYLE: OMNISPORTS HPL 9MM COLOR: GOLDEN MAPLE
PNT-1 FIELD PAINT	MANUF: SHERWIN WILLIAMS COLOR: ALABASTER - SW 7008	SF-2 SPORTS FLOOR	MANUF: TARKETT STYLE: OMNISPORTS HPL 9MM COLOR: TBD
RB-1 RUBBER BASE	MANUF: TARKETT STYLE: COVE AND STRAIGHT COLOR: CHARCOAL SIZE: 4"	RT RUBBER TRANSITION	MANUF: TARKETT STYLE: JOHNSONITE RUBBER TRANSITION TYPE: 3/8" TO 1/8" MATERIAL: CTA-XX-K

ARCHITECTURAL PLAN NOTES	
NOTE	DESCRIPTION
N001	PREPARE EXISTING FLOOR SLAB FOR INSTALL OF NEW FLOORING.
N002	PROVIDE AND INSTALL NEW STAGE MOUNTED PAD SYSTEM ACROSS EXISTING STAGE FRONT AND ALONG STAGE EDGE TO PROVIDE CORNER PROTECTION ALONG TOP OF STAGE. PROVIDE OPENING IN WALL PADS WHERE EXISTING RECEPTACLES, PULLS, AND WALL BRACKETS ARE LOCATED.
N003	PROVIDE AND INSTALL NEW WALL MOUNTED PAD SYSTEM. PROVIDE OPENING IN WALL PADS WHERE EXISTING RECEPTACLES, PULLS, AND WALL BRACKETS ARE LOCATED.
N004	PROVIDE AND INSTALL NEW BASKETBALL HOOP BACKSTOP SYSTEM. ATTACH TO EXISTING BASKETBALL HOOP SUPPORT STRUCTURE. REFER TO SPECIFICATIONS.

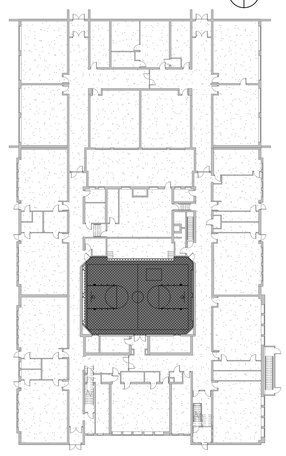
DEMOLITION NOTES	
NOTE	DESCRIPTION
02.01	REMOVE EXISTING SURFACE MOUNTED ITEMS AS REQUIRED TO PAINT WALLS AND CEILING. REINSTALL ITEMS ONCE COMPLETED.
02.02	REMOVE EXISTING STAGE CURTAIN SYSTEM AS REQUIRED TO PAINT WALLS AND CEILING. REINSTALL STAGE CURTAIN SYSTEM ONCE COMPLETED.
02.03	REMOVE EXISTING WALL MOUNTED LUNCH TABLE SYSTEM AS REQUIRED TO INSTALL NEW FLOORING. REINSTALL ONCE COMPLETED.
09.01	REMOVE EXISTING FLOORING ASSEMBLY IN ITS ENTIRETY. PREPARE SURFACE FOR INSTALL OF NEW FLOORING.
09.02	REMOVE EXISTING RUBBER BASE SYSTEM IN ITS ENTIRETY.
11.01	REMOVE EXISTING BASKETBALL HOOP BACKSTOP SYSTEM IN ITS ENTIRETY. EXISTING SUPPORT SYSTEM TO REMAIN. PREPARE EXISTING SUPPORTS FOR INSTALL OF NEW BASKETBALL HOOP BACKSTOP SYSTEM.



2 ENLARGED FLOOR PLAN - GYMNASIUM
1/4" = 1'-0"



1 ENLARGED DEMOLITION FLOOR PLAN - GYMNASIUM
1/4" = 1'-0"



KEY PLAN

LEGAT ARCHITECTS
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT

2026 FACILITY IMPROVEMENTS

BUTTERWORTH ELEMENTARY SCHOOL
LOGAN ELEMENTARY SCHOOL
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SIGNATURE
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REVIEWED BY	ZC

LOGAN ELEMENTARY SCHOOL - GYMNASIUM DEMOLITION & FINISH FLOOR PLAN

A-301

BIDDING

GYMNASIUM STRIPING LEGEND	
	PRIMARY BASKETBALL COURT STRIPING - 2" PAINTED PER SPECIFICATIONS COLOR: TBD
	PRIMARY VOLLEYBALL COURT STRIPING - 2" PAINTED PER SPECIFICATIONS COLOR: TBD
VFS	CORE AND PROVIDE NEW RECESSED VOLLEYBALL FLOOR SLEEVE

FINISH LEGEND - LOGAN ELEMENTARY SCHOOL			
LVT-1 LUXURY VINYL TILE	MANUF: MILLIKEN STYLE: LUMENOLOGY 5 MM - LIGHT WASH COLOR: LIGHT LWE265-126 SIZE: 25 CM X 1 M	SF-1 SPORTS FLOOR	MANUF: TARKETT STYLE: OMNISPORTS HPL 9MM COLOR: GOLDEN MAPLE
PNT-1 FIELD PAINT	MANUF: SHERWIN WILLIAMS COLOR: ALABASTER - SW 7008	SF-2 SPORTS FLOOR	MANUF: TARKETT STYLE: OMNISPORTS HPL 9MM COLOR: TBD
RB-1 RUBBER BASE	MANUF: TARKETT STYLE: COVE AND STRAIGHT COLOR: CHARCOAL SIZE: 4"	RT RUBBER TRANSITION	MANUF: TARKETT STYLE: JOHNSONITE RUBBER TRANSITION TYPE: 3/8" TO 1/8" MATERIAL: CTA-XX-K

ARCHITECTURAL PLAN NOTES

NOTE	DESCRIPTION
N001	PREPARE EXISTING FLOOR SLAB FOR INSTALL OF NEW FLOORING.
N002	PROVIDE AND INSTALL NEW STAGE MOUNTED PAD SYSTEM ACROSS EXISTING STAGE FRONT AND ALONG STAGE EDGE TO PROVIDE CORNER PROTECTION ALONG TOP OF STAGE. PROVIDE OPENING IN WALL PADS WHERE EXISTING RECEPTACLES, PULLS, AND WALL BRACKETS ARE LOCATED.
N003	PROVIDE AND INSTALL NEW WALL MOUNTED PAD SYSTEM. PROVIDE OPENING IN WALL PADS WHERE EXISTING RECEPTACLES, PULLS, AND WALL BRACKETS ARE LOCATED.
N004	PROVIDE AND INSTALL NEW BASKETBALL HOOP BACKSTOP SYSTEM. ATTACH TO EXISTING BASKETBALL HOOP SUPPORT STRUCTURE. REFER TO SPECIFICATIONS.

DEMOLITION NOTES

NOTE	DESCRIPTION
02.01	REMOVE EXISTING SURFACE MOUNTED ITEMS AS REQUIRED TO PAINT WALLS AND CEILING. REINSTALL ITEMS ONCE COMPLETED.
02.02	REMOVE EXISTING STAGE CURTAIN SYSTEM AS REQUIRED TO PAINT WALLS AND CEILING. REINSTALL STAGE CURTAIN SYSTEM ONCE COMPLETED.
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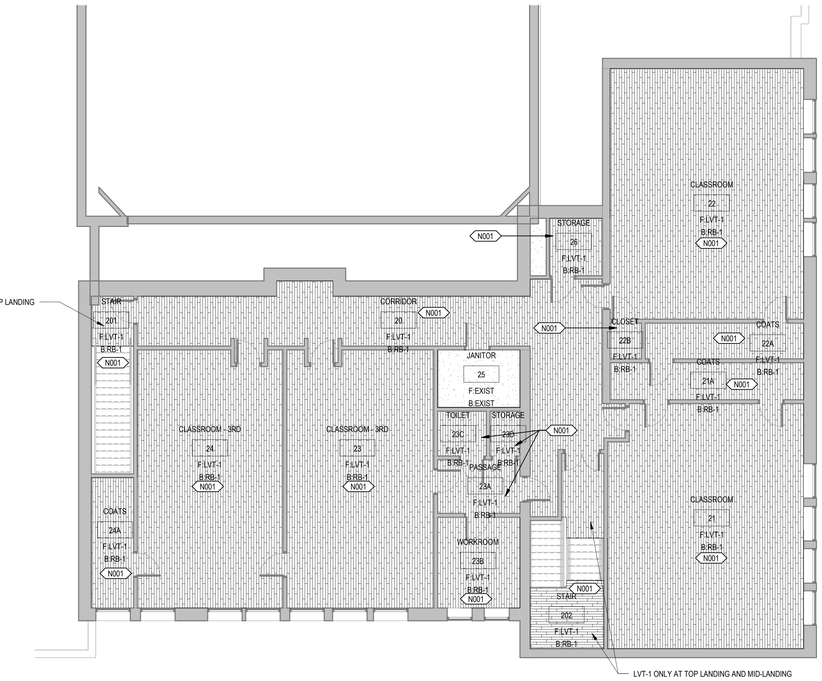
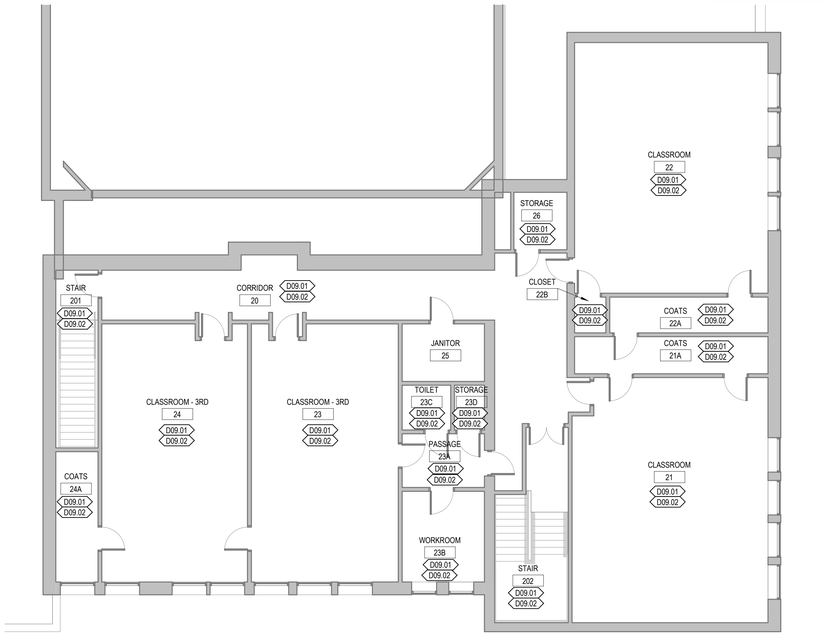
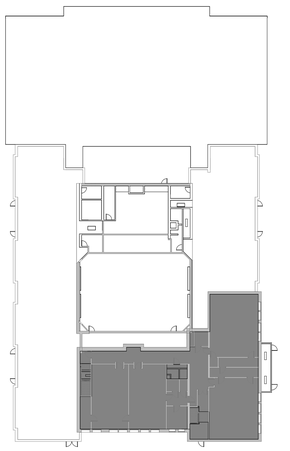


2 SECOND FLOOR FINISH PLAN
1/8" = 1'-0"



1 SECOND FLOOR DEMOLITION PLAN
1/8" = 1'-0"



KEY PLAN

LEGAT ARCHITECTS
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT

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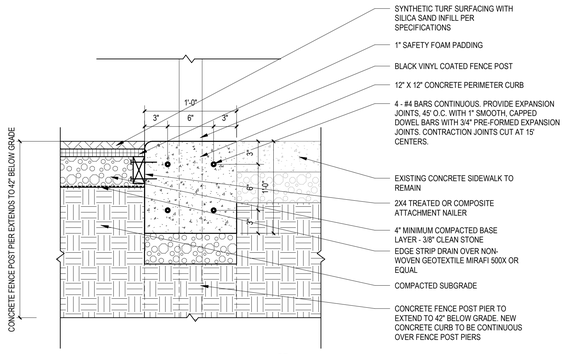
REVIEWED BY	ZC

LOGAN ELEMENTARY SCHOOL - SECOND FLOOR DEMOLITION & FINISH FLOOR PLAN

A-302

BIDDING



3 PERIMETER CURB DETAIL
1 1/2" = 1'-0" A-303

GYMNASIUM STRIPING LEGEND	
	PRIMARY BASKETBALL COURT STRIPING - 2" PAINTED PER SPECIFICATIONS COLOR: TBD
	PRIMARY VOLLEYBALL COURT STRIPING - 2" PAINTED PER SPECIFICATIONS COLOR: TBD
VFS	CORE AND PROVIDE NEW RECESSED VOLLEYBALL FLOOR SLEEVE

FINISH LEGEND - LOGAN ELEMENTARY SCHOOL			
LVT-1 LUXURY VINYL TILE	MANUF: MILLIKEN STYLE: LUMENOLOGY 5 MM - LIGHT WASH COLOR: LIGHT LWE265-126 SIZE: 25 CM X 1 M	SF-1 SPORTS FLOOR	MANUF: TARKETT STYLE: OMNISPORTS HPL 9MM COLOR: GOLDEN MAPLE
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RB-1 RUBBER BASE	MANUF: TARKETT STYLE: COVE AND STRAIGHT COLOR: CHARCOAL SIZE: 4"	RT RUBBER TRANSITION	MANUF: TARKETT STYLE: JOHNSONITE RUBBER TRANSITION TYPE: 3/8" TO 1/8" MATERIAL: CTA-XX-K

ARCHITECTURAL PLAN NOTES

NOTE	DESCRIPTION
N001	PREPARE EXISTING FLOOR SLAB FOR INSTALL OF NEW FLOORING.
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DEMOLITION NOTES

NOTE	DESCRIPTION
02.01	REMOVE EXISTING SURFACE MOUNTED ITEMS AS REQUIRED TO PAINT WALLS AND CEILING. REINSTALL ITEMS ONCE COMPLETED.
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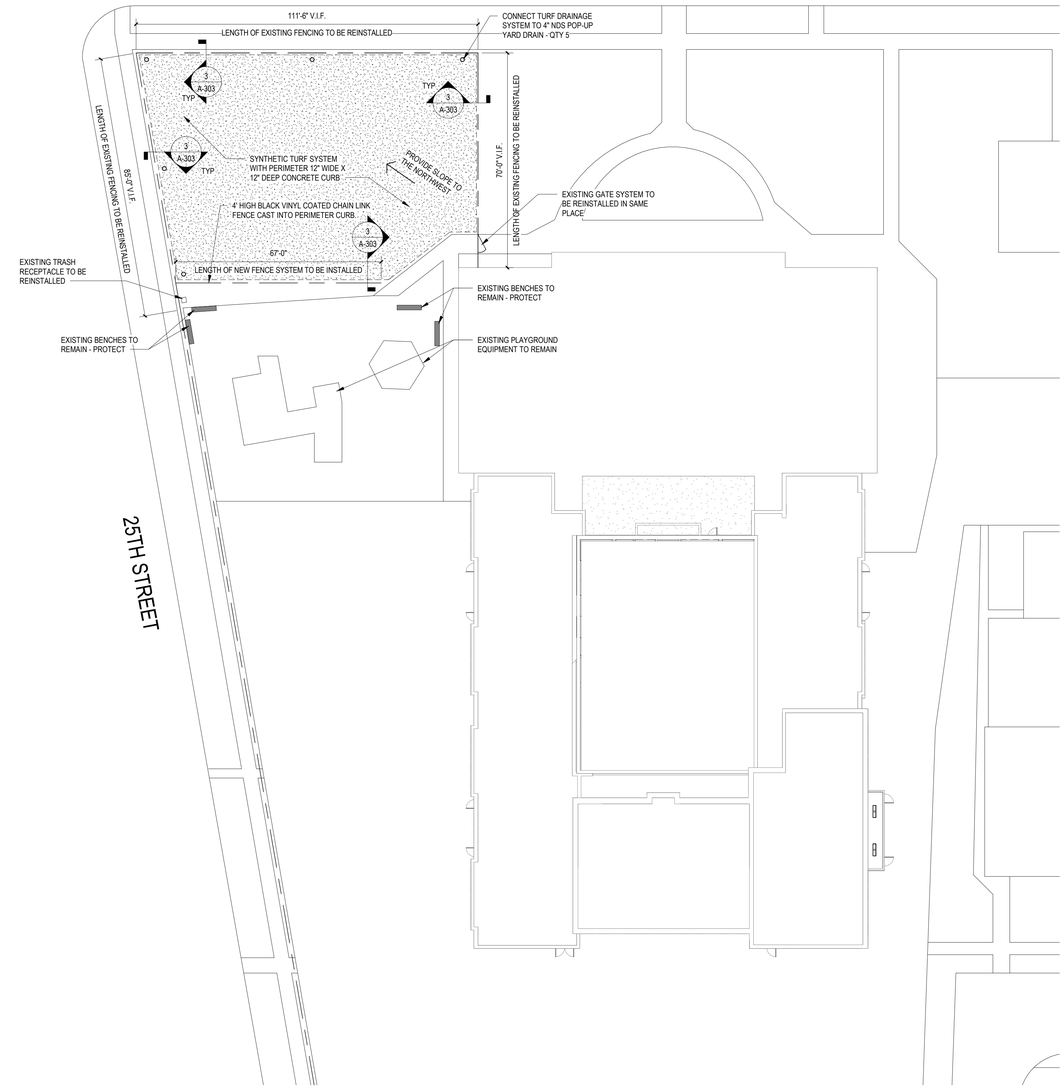
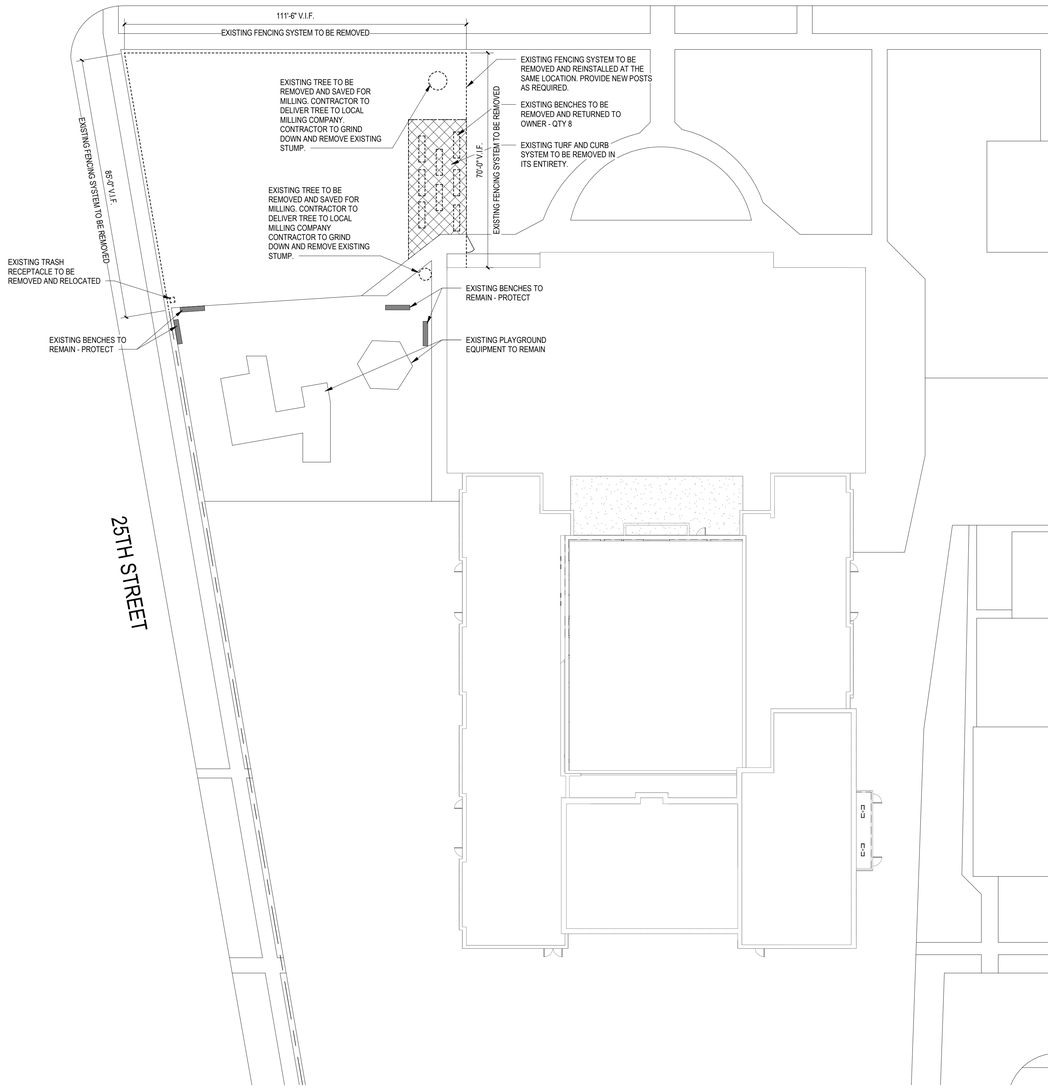


2 SITE PLAN
1" = 20'-0"



1 SITE DEMOLITION PLAN
1" = 20'-0"

LEGAT ARCHITECTS
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT

2026 FACILITY IMPROVEMENTS

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SIGNATURE
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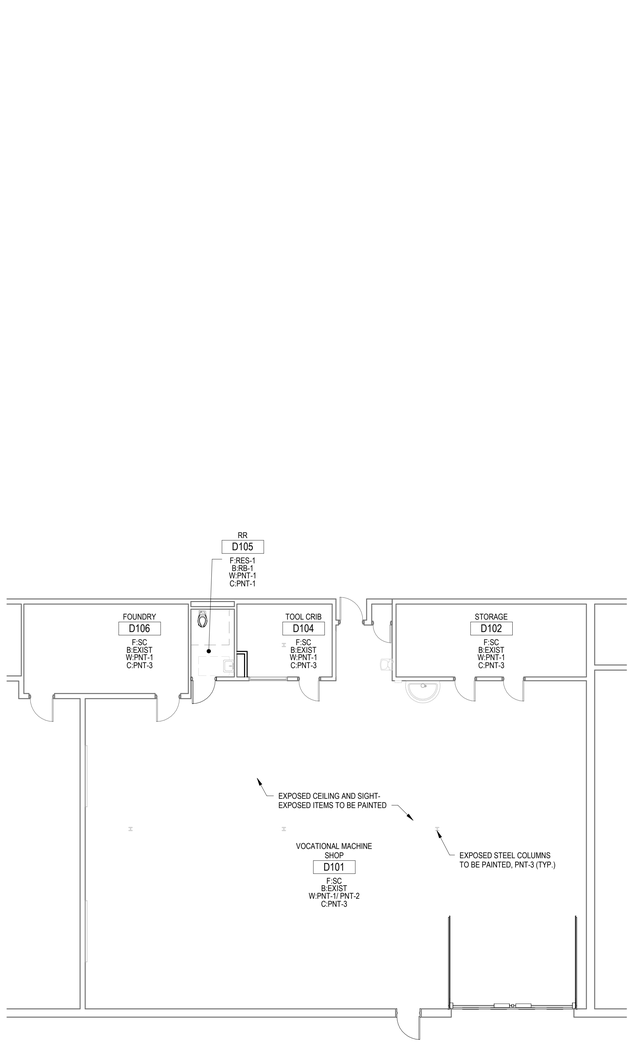
REVIEWED BY	ZC

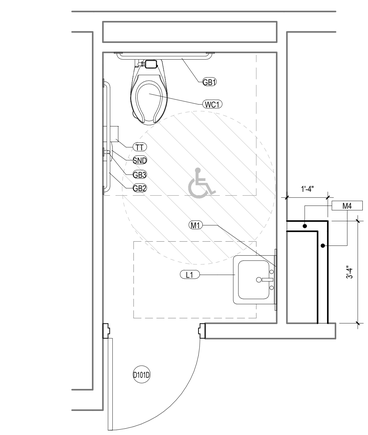
LOGAN ELEMENTARY SCHOOL - SITE PLAN DEMOLITION & NEW WORK PLAN

A-303

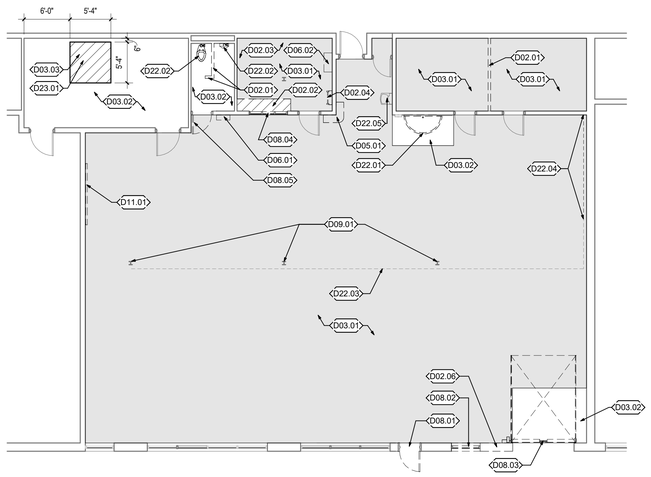
BIDDING



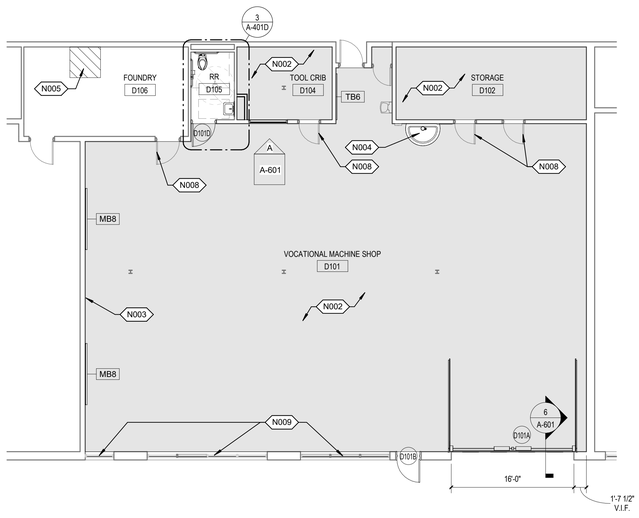
5 FIRST FLOOR ENLARGED FINISHED PLAN
1/8" = 1'-0"



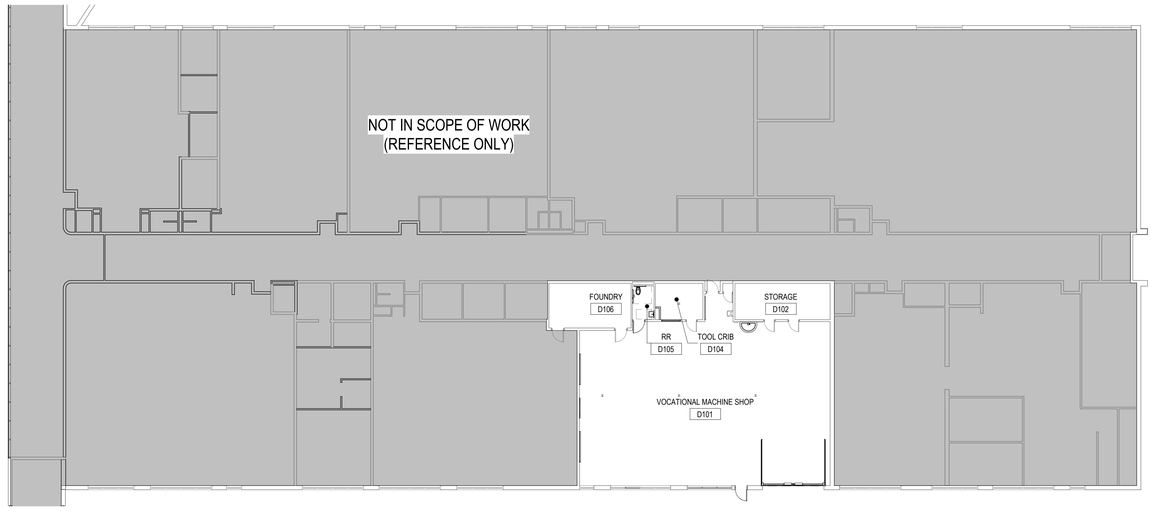
3 ENLARGED PLAN - D105 RR
1/2" = 1'-0"



2 FIRST FLOOR ENLARGED DEMOLITION PLAN
1/8" = 1'-0"



4 FIRST FLOOR ENLARGED PLAN
1/8" = 1'-0"



1 FIRST FLOOR ENLARGED PLAN
1/16" = 1'-0"

ABBREVIATIONS

AP	ACCESS PANEL
GB1	36" STAINLESS STEEL GRAB BAR
GB2	42" STAINLESS STEEL GRAB BAR
GB3	18" STAINLESS STEEL GRAB BAR
L1	ADA ACCESSIBLE LAVATORY
M1	20" X 30" MIRROR
PT	PAPER TOWEL DISPENSER
SD	SOAP DISPENSER
SND	SANITARY NAPKIN DISPOSAL
TT	TOILET TISSUE DISPENSER
WC1	WATER CLOSET - ADA

ARCHITECTURAL PLAN NOTES

NOTE	DESCRIPTION
N001	PROVIDE WALL INFILL TO MATCH EXISTING ADJACENT WALL ASSEMBLY. TOOTH IN NEW MASONRY TO MATCH EXISTING CONSTRUCTION.
N002	PROVIDE SELF-LEVELING UNDERLAYMENT FLOOR FILL TO ALIGN EXISTING RECESSED FLOOR SLAB WITH EXISTING SLAB AT GRADE. PREP FLOOR TO RECEIVE NEW FLOOR FINISH PER MANUFACTURER'S INSTRUCTIONS. REFER TO FINISH PLAN
N003	WALL MOUNTED TV BY OWNER.
N004	NEW 54" SEMI-CIRCULAR STAINLESS STEEL SINK. REFER TO P-SERIES DWGS.
N005	NEW CONCRETE SLAB, MATCH EXISTING ADJACENT CONSTRUCTION
N006	NEW WALL ASSEMBLY AND DOOR SYSTEM TO BE PROVIDED BY KITCHEN EQUIPMENT CONTRACTOR.
N007	NEW STOREFRONT WALL, REFER TO DETAIL 1/A-211
N008	EXISTING DOOR AND FRAME TO BE PAINTED PNT-2. REMOVE HARDWARE AS REQUIRED TO PAINT DOOR AND FRAME. ADJUST CLOSER AND LOCKSET AS NEEDED FOR DOOR TO PROPERLY CLOSE.
N009	PROVIDE NEW ROLLER SHADE WINDOW TREATMENTS.
N010	REINSTALL SALVAGED PROJECTOR CONTROLS. REFER TO ELECTRICAL DRAWINGS.
N011	PROVIDE NEW STAINLESS STEEL SIDESPLASH AT EXISTING STAINLESS STEEL COUNTERTOP THAT WAS CUT BACK TO THE EXISTING DISH RETURN OPENING.
N013	BULLNOSE EXISTING BLOCK CORNERS WHERE BLOCK WAS CUT FOR NEW OPENING.
N014	NEW TV MONITOR - BY OTHERS

SYMBOL LEGEND

MATERIAL DIRECTION

FINISH LEGEND

LVT-1 LUXURY VINYL TILE	MANUF: INTERFACE STYLE: STUDIO SET 4.5 MM COLOR: PEBBLE SIZE: 25 CM X 1 M	
PNT-1 PAINT	MANUF: SHERWIN WILLIAMS FINISH: SEMI-GLOSS COLOR: ALABASTER - SW7008	
PNT-2 PAINT	MANUF: SHERWIN WILLIAMS FINISH: SEMI-GLOSS COLOR: MOLINE MAROON	
PNT-3 PAINT	MANUF: SHERWIN WILLIAMS FINISH: SEMI-GLOSS COLOR: MOLINE GRAY	
RES-1 RESINOUS FLOORING	MANUF: SHERWIN WILLIAMS STYLE: DECO FLAKE 1/8" COLOR: TBD	
RB-1 RUBBER BASE	MANUF: TARKETT STYLE: COVE COLOR: CHARCOAL SIZE: 4" HIGH	
RT-1 RUBBER TRANSITION	MANUF: TARKETT STYLE: JOHNSONITE RUBBER TRANSITION TYPE: 3/16" TO FLOOR MATERIAL: RRS-XX-C	
RT-2 RUBBER TRANSITION	MANUF: TARKETT STYLE: JOHNSONITE RUBBER TRANSITION TYPE: 3/16" TO .08". VERIFY EXACT TANSITION HEIGHT IN FIELD	
SC SEALED CONCRETE	MANUF: H&C CLARISHIELD WATER-BASED WET LOOK CONCRETE SEALER	

DEMOLITION NOTES

NOTE	DESCRIPTION
D02.01	REMOVE WALL CONSTRUCTION AND ALL RELATED ITEMS COMPLETE. PROVIDE TARGETED FLOOR PREP IN THIS AREA, IN ORDER TO SEAMLESSLY TRANSITION WITH BALANCE OF NEW FLOOR PREP AND FLOOR FINISH. FOLLOW MANUFACTURER'S GUIDELINES. SEE NEW FINISH PLAN.
D02.02	EXISTING RAISED FLOOR CURB TO BE REMOVED IN ITS ENTIRETY. PROVIDE TARGETED FLOOR PREP IN THIS AREA, IN ORDER TO SEAMLESSLY TRANSITION WITH BALANCE OF NEW FLOOR PREP AND FLOOR FINISH. FOLLOW MANUFACTURER'S GUIDELINES. SEE NEW FINISH PLAN.
D02.03	EXISTING WOOD FRAMED ATTIC FLOOR TO BE REMOVED IN ITS ENTIRETY. PATCH AND REPAIR ADJACENT WALLS AS REQUIRED.
D02.04	EXISTING STEEL LADDER TO BE REMOVED IN ITS ENTIRETY. PATCH AND REPAIR WALLS AS REQUIRED.
D02.05	REMOVE EXISTING RAILING IN ITS ENTIRETY. PROVIDE TARGETED FLOOR PREP IN THIS AREA, IN ORDER TO SEAMLESSLY TRANSITION WITH BALANCE OF NEW FLOOR PREP AND FLOOR FINISH. FOLLOW MANUFACTURER'S GUIDELINES. SEE NEW FINISH PLAN.
D02.06	REMOVE PORTION OF WALL AS REQUIRED FOR NEW OPENING.
D02.07	EXISTING DISHTABLE TO REMAIN.
D02.08	EXISTING WALL MOUNTED PROJECTION SCREEN TO REMAIN.
D02.09	EXISTING PROJECTOR CONTROLS TO BE REMOVED AND SALVAGED FOR REINSTALLATION ON FACE OF NEW FURRING WALL.
D02.10	REMOVE EXISTING BRAKE METAL CLOSURE IN ITS ENTIRETY.
D02.11	CUT EXISTING DISHTABLE BACK TO SUPPORT LEGS AT TEH SOUTH SIDE OF DISH RETURN OPENING. REMOVE SECTION TO THE NORTH AND ALL ASSOCIATED ITEMS.
D02.12	REMOVE AND SALVAGE EXISTING GLAZING SYSTEM FOR INSTALL AT NEW LOCATION AS INDICATED ON NEW WORK PLAN. CONTRACTOR TO DISPOSE OF UNUSED SECTIONS OF THE GLAZING SYSTEM.
D03.01	EXISTING 1" RECESSED FLOOR SLAB TO REMAIN. PREP CONCRETE TO RECEIVE NEW INFILL AND NEW FLOOR FINISH. REFER TO FINISH PLAN.
D03.02	EXISTING RAISED CONCRETE SLAB TO BE REMOVED DOWN TO MATCH RECESSED FLOOR SLAB HEIGHT. CONTRACTOR TO REMOVE CHIPPED OR LOOSE CONCRETE AND PROVIDE A SQUARE EDGE TO INSTALL THE NEW FLOOR INFILL AGAINST.
D03.03	EXISTING 48" DEEP FOUNDRY PIT TO BE INFILLED TO MATCH EXISTING ADJACENT FLOOR ASSEMBLY. PROVIDE TARGETED FLOOR PREP IN THIS AREA, IN ORDER TO SEAMLESSLY TRANSITION WITH BALANCE OF NEW FLOOR PREP AND FLOOR FINISH. FOLLOW MANUFACTURER'S GUIDELINES. SEE NEW FINISH PLAN.
D03.04	EXISTING CONCRETE SLAB TO BE CUT AND REMOVED AS REQUIRED FOR NEW ELECTRICAL EQUIPMENT. REFER TO ELECTRICAL DRAWINGS. PROVIDE TARGETED FLOOR PREP IN THIS AREA. IN ORDER TO SEAMLESSLY TRANSITION WITH BALANCE OF NEW FLOOR PREP AND FLOOR FINISH. FOLLOW MANUFACTURER'S GUIDELINES. SEE NEW FINISH PLAN.
D05.01	EXISTING WALL MOUNTED METAL SHELVING TO BE REMOVED IN ITS ENTIRETY. PATCH AND REPAIR WALL AS REQUIRED.
D06.01	EXISTING WALL MOUNTED FILE HOLDER TO BE REMOVED IN ITS ENTIRETY. PATCH AND REPAIR WALL AS REQUIRED.
D06.02	EXISTING WALL MOUNTED SHELVING CASEWORK TO BE REMOVED IN ITS ENTIRETY.
D08.01	REMOVE EXISTING DOOR AND FRAME SYSTEM IN ITS ENTIRETY. PREP WALL OPENING TO RECEIVE NEW DOOR AND FRAME. REFER TO DOOR SCHEDULE.
D08.02	<varies>
D08.03	REMOVE EXISTING OVERHEAD DOOR SYSTEM IN ITS ENTIRETY. INFILL AND PATCH WALL TO MATCH EXISTING ADJACENT WALL ASSEMBLY.
D08.04	REMOVE EXISTING STEEL WIRE PARTITIONS IN ITS ENTIRETY. INFILL AND PATCH WALL TO MATCH EXISTING ADJACENT WALL ASSEMBLY.
D08.05	REMOVE DOOR, FRAME AND HARDWARE AND PORTION OF WALL AS REQUIRED FOR NEW OPENING.
D09.01	PREP EXISTING COLUMN TO RECEIVE NEW PAINT.
D09.02	REMOVE EXISTING FLOOR FINISH AND WALL BASE IN ITS ENTIRETY. PREP EXISTING SUBSTRATE TO RECEIVE NEW FLOOR FINISH.
D09.03	REMOVE PORTION OF EXISTING CEILING AS REQUIRED FOR INSTALLATION OF NEW GYPSUM BULKHEAD.
D09.04	REMOVE PORTIONOF EXISTING CEILING AS REQUIRED TO INSTALL NEW WALL CONSTRUCTION.
D09.05	TEMPORARILY REMOVE EXISTING CEILING TILES AS NECESSARY FOR THE INSTALLATION OF NEW BULKHEAD AND WALLS. REMOVED CEILING TILES ARE TO BE REINSTALLED IN THE SAME CONDITION AFTER NEW CONSTRUCTION IS COMPLETE.
D09.06	PATCH AND REPAIR AREA OF EXISTING GYPSUM SOFFIT WHERE WALL DEMOLISH OCCURS.
D11.01	REMOVE CHALKBOARD SYSTEM IN ITS ENTIRETY. PATCH AND REPAIR WALL AS REQUIRED.
D22.01	REMOVE AND REPLACE EXISTING SEMI-CIRCULAR SHOP SINK.
D22.02	EXISTING PLUMBING FIXTURE TO BE REMOVED IN ITS ENTIRETY. REFER TO PLUMBING DRAWINGS.
D22.03	EXISTING OVERHEAD COMPRESSED AIR LINE TO REMAIN. PREP FOR NEW FINISHES.
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D22.05	EXISTING DRINKING FOUNTAIN TO REMAIN.
D23.01	EXISTING MECHANICAL HOOD TO BE REMOVED IN ITS ENTIRETY. PATCH AND REPAIR WALL AND CEILING TO MATCH EXISTING ADJACENT ASSEMBLIES.
D23.02	EXISTING MINI SPLIT UNITS TO BE REMOVED. PATCH AND REPAIR WALL AS NECESSARY. PREP BULKHEAD TO RECEIVE NEW PAINT.
D23.03	REMOVE AND REPLACE BASE HEATERS. REFER TO MECHANICAL DRAWINGS FOR INFORMATION ON NEW EQUIPMENT.

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1. REFERENCED DEMOLITION NOTES REFER TO THE MINIMUM AMOUNT OF DEMOLITION REQUIRED TO ACCOMMODATE THE NEW CONSTRUCTION. TRADE CONTRACTORS SHALL VISIT PROJECT SITE TO BECOME FAMILIAR WITH COMPLETE SCOPE OF REMOVALS/DEMOLITIONS AND FIELD VERIFY THE EXTENT OF DEMOLITION.
2. EXISTING DIMENSIONS AND HATCHED AREAS ARE FOR GENERAL REFERENCE AND BIDDING PURPOSES ONLY. CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN FIELD. THE ACTUAL AREA OF DEMOLITION SHOULD BE KEPT TO THE MINIMUM REQUIRED TO PROPERLY EXECUTE THE CONTRACT REQUIREMENTS.
3. IN THE EVENT THAT AN EXISTING ITEM NOT SHOWN ON THE DRAWINGS CONFLICTS WITH WORK UNDER THIS CONTRACT, CONTACT THE ARCHITECT PRIOR TO REMOVAL OF THAT ITEM.
4. ALL UTILITIES SHALL REMAIN IN SERVICE FOR OTHER OCCUPANCIES. ANY SHUTDOWNS OF BUILDING MUST BE APPROVED BY OWNER AND OCCUR AT OFF HOURS AS DEFINED BY OWNER.
5. THE OWNER HAS FIRST RIGHT OF REFUSAL FOR ALL MATERIAL OR EQUIPMENT IDENTIFIED TO BE REMOVED. ALL ITEMS NOT TURNED OVER TO THE OWNER SHALL BE DISPOSED OF PROPERLY AND LAWFULLY.
6. THROUGHOUT DEMOLITION AND CONSTRUCTION, PROTECT ITEMS SCHEDULED TO REMAIN AND/OR ALL ADJACENT MATERIALS AND EQUIPMENT, ETC. INDICATED TO REMAIN. COORDINATE REMOVAL AND PROTECTIONS WITH OWNER.
7. DO NOT COMMENCE DEMOLITION UNTIL OWNER HAS REMOVED ALL ARTWORK AND DISPLAYS FROM AREAS OF DEMOLITION.
8. AT REMOVAL OF SELECTED DEMOLITION ITEMS WHERE NO NEW CONSTRUCTION IS IDENTIFIED, PATCH, CLEAN, PREPARE, AND PAINT SURFACES TO MATCH FINISH COLOR, TEXTURE AND SHEEN OF ADJACENT SURFACES.
9. AT ITEMS TO BE REMOVED, ALSO REMOVE ALL ASSOCIATED BRACKETS, SUPPORTS, FASTENERS, ANCHORS, ETC. PATCH, CLEAN, PREPARE, AND PAINT SURFACES TO MATCH FINISH COLOR, TEXTURE AND SHEEN OF ADJACENT SURFACES.
10. CONTRACTOR SHALL REMOVE EXISTING PLUMBING, MECHANICAL, ELECTRICAL OR OTHER MISCELLANEOUS ITEMS REQUIRED TO COMPLETE NEW WORK BUT NOT REQUIRED TO REMAIN.
11. CONTRACTOR SHALL REMOVE ALL DEBRIS AND TRASH RESULTING FROM CONSTRUCTION ON A DAILY BASIS.
12. GENERAL CONTRACTOR SHALL RECYCLE DEMOLITION CONSTRUCTION DEBRIS IN ACCORDANCE WITH AUTHORITIES HAVING JURISDICTION AND SUSTAINABLE BEST PRACTICES.
13. IN THE EVENT HAZARDOUS MATERIALS ARE UNCOVERED GENERAL CONTRACTOR IS TO NOTIFY THE OWNER AND THE APPROPRIATE AUTHORITIES. THE ARCHITECT IS NOT RESPONSIBLE FOR REMOVAL / ABATEMENT OF HAZARDOUS MATERIALS. CONTRACTOR TO PROVIDE REMOVAL / ABATEMENT AT LOCATIONS NECESSARY.

GENERAL NOTES

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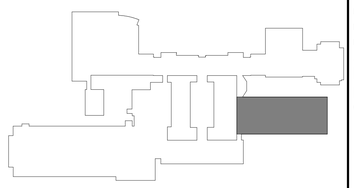
3. WHERE CONFLICTS EXIST WITHIN OR BETWEEN PARTS OF THE CONTRACT DOCUMENTS, OR BETWEEN THE CONTRACT DOCUMENTS AND APPLICABLE STANDARDS, CODES, ORDINANCES, AND REGULATIONS THE MORE STRINGENT OR HIGH QUALITY OR GREATER QUALITY REQUIREMENT(S) SHALL APPLY. LARGE-SCALE DRAWINGS TAKE PRECEDENCE OVER SMALL-SCALE DRAWINGS; FIGURED DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS; AND NOTED MATERIALS TAKE PRECEDENCE OVER GRAPHIC REPRESENTATIONS.
4. THE CONTRACT DOCUMENTS IDENTIFY THE MINIMUM AMOUNT OF WORK REQUIRED. TRADE CONTRACTORS SHALL PROVIDE THE EXTENT OF WORK NECESSARY FOR A COMPLETE INSTALLATION.
5. REFER TO THE PROJECT MANUAL FOR PRODUCTS, MATERIALS, AND PROCEDURES NOT IDENTIFIED ON THE CONTRACT DRAWINGS.
6. THE ACTUAL AREA(S) OF WORK SHALL BE KEPT TO THE MINIMUM REQUIRED TO PROPERLY EXECUTE THE CONTRACT REQUIREMENTS. EXISTING DIMENSIONS AND HATCHED AREAS INDICATED ON CONTRACT DOCUMENTS ARE FOR GENERAL REFERENCE AND BIDDING PURPOSES ONLY.
7. PRIOR TO BIDDING, THE TRADE CONTRACTORS SHALL FIELD VERIFY THE EXTENT OF WORK REQUIRED TO PROPERLY EXECUTE THE CONTRACT REQUIREMENTS. ADDITIONAL WORK THAT IS REQUIRED, WAS VISIBLE, AND COULD HAVE BEEN IDENTIFIED DURING BIDDING SHALL BE COMPLETED BY THE RESPONSIBLE TRADE CONTRACTOR(S) AT NO ADDITIONAL COST TO THE OWNER.
8. THE TRADE CONTRACTORS SHALL BE FAMILIAR WITH THE EXISTING CONDITIONS AND NOTIFY THE ARCHITECT OR CONSTRUCTION MANAGER OF ANY CONFLICTS WITH THE CONSTRUCTION DOCUMENTS PRIOR TO PREPARING SUBMITTALS OR BEGINNING ANY WORK.
9. THE TRADE CONTRACTORS SHALL PROVIDE ALL TEMPORARY CONSTRUCTION AND/OR SHORING REQUIRED TO PROPERLY EXECUTE THE REQUIREMENTS OF THEIR CONTRACT.
10. PATCHING, REPAIRING, AND REFINISHING WORK SHALL BE PERFORMED BY THOSE REGULARLY INVOLVED IN THAT TRADE AND SHALL MATCH THE EXISTING ADJACENT CONSTRUCTION AS CLOSELY AS POSSIBLE IN MATERIAL, FINISH, COLOR, TEXTURE AND SHEEN. REFER TO THE CONTRACT DRAWINGS FOR EXISTING BUILDING CONSTRUCTION TO REMAIN.
11. TRADE CONTRACTORS SHALL PROTECT THEIR WORK AND EXISTING CONSTRUCTION, FINISHES, AND EQUIPMENT TO REMAIN TO PREVENT DAMAGE. ANY WORK AND/OR EXISTING FINISHES TO REMAIN DAMAGED DURING THE REMOVAL OF EXISTING WORK OR THE INSTALLATION OF NEW WORK SHALL BE REPAIRED, REPLACED, AND REFINISHED BY THE RESPONSIBLE TRADE CONTRACTOR TO MATCH THE ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER AND TO THE SATISFACTION OF THE OWNER AND ARCHITECT.
12. THE ARCHITECT SHALL REVIEW AND APPROVE LOCATIONS FOR ALL JUNCTION BOXES AND RACEWAYS PRIOR TO INSTALLATION OF WIRING / CABLING.
13. EXISTING SITE FEATURES, MATERIALS, AMENITIES, LANDSCAPING, ETC. DAMAGED BY CONSTRUCTION OPERATIONS SHALL BE RESTORED, REPAIRED, OR REPLACED BY THE RESPONSIBLE TRADE CONTRACTOR(S) AT NO ADDITIONAL COST TO THE OWNER AND TO THE SATISFACTION OF THE OWNER AND ARCHITECT.
14. CONTRACTOR SHALL COORDINATE THE WORK WITH ALL PARTIES INVOLVED SO THAT THE CONSTRUCTION CAN PROCEED SMOOTHLY, WITHOUT TRADE INTERFERENCE OR WASTE OF TIME AND MATERIAL.
15. AFTER REMOVAL OF ITEMS IDENTIFIED TO BE REMOVED, CLEAN AND REPAIR THE EXISTING SURFACES TO REMAIN TO MATCH THE CONSTRUCTION MATERIALS AND METHODS, FINISHES TEXTURE, PATTERN, COLOR AND SHEEN OF THE ADJACENT SURFACES TO REMAIN. PATCH, CLEAN, PREPARE, PAINT, ETC. EXISTING SURFACES AS REQUIRED.
16. WHERE EXISTING EQUIPMENT IS REMOVED AND NEW EQUIPMENT IS SMALLER AND INSTALLED IN THE SAME LOCATION, CLEAN AND REPAIR THE SIGHT-EXPOSED SURFACES TO REMAIN TO MATCH THE CONSTRUCTION MATERIALS AND METHODS, FINISHED TEXTURE, PATTERN, AND COLOR OF THE ADJACENT SURFACES TO REMAIN. PATCH, CLEAN, PREPARE, PAINT, ETC. EXISTING SURFACES AS REQUIRED.
17. ALL PENETRATIONS THROUGH ANY MATERIAL SHALL BE SEALED WITH A COMPATIBLE MATERIAL APPROVED BY THE ARCHITECT PRIOR TO INSTALLATION.
18. PROVIDE A CONTINUOUS BEAD OF SEALANT BETWEEN DISSIMILAR MATERIALS, U.N.O.
19. PROVIDE GALVANIC PROTECTION SEPARATING DISSIMILAR METALS.

DEMOLITION LEGEND

- D## ## — DEMOLITION TAG
- EXISTING WALLS TO REMAIN
- EXISTING WALLS TO BE DEMOLISHED
- EXISTING DOORS TO REMAIN
- EXISTING DOORS TO BE DEMOLISHED



KEY PLAN
1" = 200'-0"

LEGAT ARCHITECTS
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT

2026 FACILITY IMPROVEMENTS

BUTTERWORTH ELEMENTARY SCHOOL
LOGAN ELEMENTARY SCHOOL
WASHINGTON ELEMENTARY SCHOOL
MOLINE HIGH SCHOOL

ARCHITECT
Legat Architects, Inc.
1515 5th Ave, Suite 108
Moline, IL 61265
P: 309.517.5536
www.legat.com

MEP/FP ENGINEER
RTM Engineering Consultants
5137 Utica Ridge Rd.
Davenport, IA 52807
P: 563.726.6310
www.rtmec.com

SIGNATURE _____

DATE _____

REVISIONS

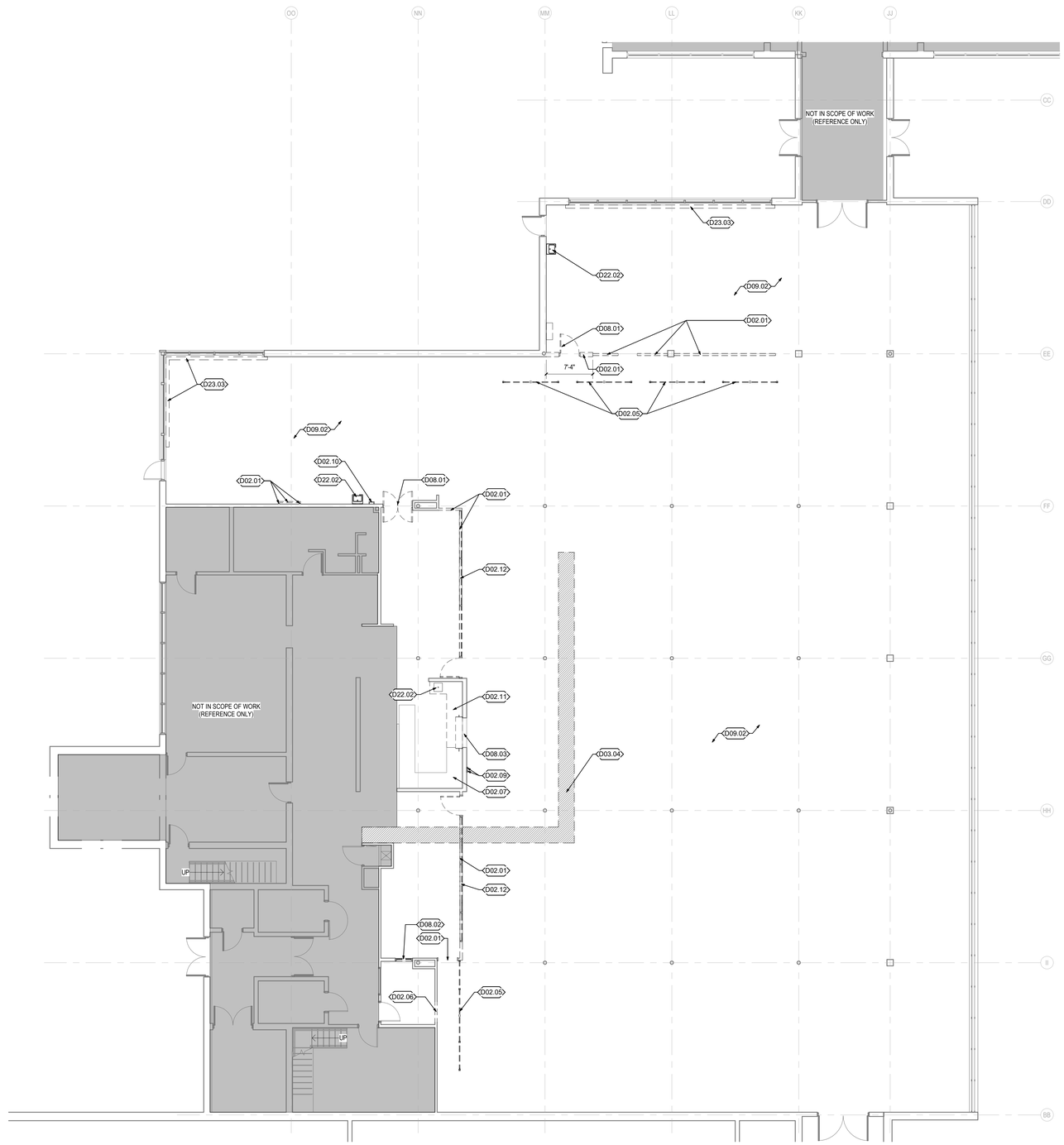
NO.	DESCRIPTION	DATE

PROJECT NUMBER	225057.00
DATE OF ISSUE	02.16.2026
DRAWN BY	ZC
REVIEWED BY	ZC

MHS D WING - DEMOLITION AND NEW WORK PLAN

A-401D

BIDDING



1 FIRST FLOOR DEMO PLAN - ENLARGED - F
1/8" = 1'-0"

DEMOLITION NOTES

NOTE	DESCRIPTION
D02.01	REMOVE WALL CONSTRUCTION AND ALL RELATED ITEMS COMPLETE. PROVIDE TARGETED FLOOR PREP IN THIS AREA, IN ORDER TO SEAMLESSLY TRANSITION WITH BALANCE OF NEW FLOOR PREP AND FLOOR FINISH. FOLLOW MANUFACTURER'S GUIDELINES. SEE NEW FINISH PLAN.
D02.02	EXISTING RAISED FLOOR CURB TO BE REMOVED IN ITS ENTIRETY. PROVIDE TARGETED FLOOR PREP IN THIS AREA, IN ORDER TO SEAMLESSLY TRANSITION WITH BALANCE OF NEW FLOOR PREP AND FLOOR FINISH. FOLLOW MANUFACTURER'S GUIDELINES. SEE NEW FINISH PLAN.
D02.03	EXISTING WOOD FRAMED ATTIC FLOOR TO BE REMOVED IN ITS ENTIRETY. PATCH AND REPAIR ADJACENT WALLS AS REQUIRED.
D02.04	EXISTING STEEL LADDER TO BE REMOVED IN ITS ENTIRETY. PATCH AND REPAIR WALLS AS REQUIRED.
D02.05	REMOVE EXISTING RAILING IN ITS ENTIRETY. PROVIDE TARGETED FLOOR PREP IN THIS AREA, IN ORDER TO SEAMLESSLY TRANSITION WITH BALANCE OF NEW FLOOR PREP AND FLOOR FINISH. FOLLOW MANUFACTURER'S GUIDELINES. SEE NEW FINISH PLAN.
D02.06	REMOVE PORTION OF WALL AS REQUIRED FOR NEW OPENING.
D02.07	EXISTING DISHTABLE TO REMAIN.
D02.08	EXISTING WALL MOUNTED PROJECTION SCREEN TO REMAIN.
D02.09	EXISTING PROJECTOR CONTROLS TO BE REMOVED AND SALVAGED FOR REINSTALLATION ON FACE OF NEW FURRING WALL.
D02.10	REMOVE EXISTING BRAKE METAL CLOSURE IN ITS ENTIRETY.
D02.11	CUT EXISTING DISHTABLE BACK TO SUPPORT LEGS AT TEH SOUTH SIDE OF DISH RETURN OPENING. REMOVE SECTION TO THE NORTH AND ALL ASSOCIATED ITEMS.
D02.12	REMOVE AND SALVAGE EXISTING GLAZING SYSTEM FOR INSTALL AT NEW LOCATION AS INDICATED ON NEW WORK PLAN. CONTRACTOR TO DISPOSE OF UNUSED SECTIONS OF THE GLAZING SYSTEM.
D03.01	EXISTING 1" RECESSED FLOOR SLAB TO REMAIN. PREP CONCRETE TO RECEIVE NEW INFILL AND NEW FLOOR FINISH. REFER TO FINISH PLAN.
D03.02	EXISTING RAISED CONCRETE SLAB TO BE REMOVED DOWN TO MATCH RECESSED FLOOR SLAB HEIGHT. CONTRACTOR TO REMOVE CHIPPED OR LOOSE CONCRETE AND PROVIDE A SQUARE EDGE TO INSTALL THE NEW FLOOR INFILL AGAINST.
D03.03	EXISTING 48" DEEP FOUNDRY PIT TO BE INFILLED TO MATCH EXISTING ADJACENT FLOOR ASSEMBLY. PROVIDE TARGETED FLOOR PREP IN THIS AREA, IN ORDER TO SEAMLESSLY TRANSITION WITH BALANCE OF NEW FLOOR PREP AND FLOOR FINISH. FOLLOW MANUFACTURER'S GUIDELINES. SEE NEW FINISH PLAN.
D03.04	EXISTING CONCRETE SLAB TO BE CUT AND REMOVED AS REQUIRED FOR NEW ELECTRICAL EQUIPMENT. REFER TO ELECTRICAL DRAWINGS. PROVIDE TARGETED FLOOR PREP IN THIS AREA, IN ORDER TO SEAMLESSLY TRANSITION WITH BALANCE OF NEW FLOOR PREP AND FLOOR FINISH. FOLLOW MANUFACTURER'S GUIDELINES. SEE NEW FINISH PLAN.
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D08.01	REMOVE EXISTING DOOR AND FRAME SYSTEM IN ITS ENTIRETY. PREP WALL OPENING TO RECEIVE NEW DOOR AND FRAME. REFER TO DOOR SCHEDULE.
D08.02	<varies>
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9. AT ITEMS TO BE REMOVED, ALSO REMOVE ALL ASSOCIATED BRACKETS, SUPPORTS, FASTENERS, ANCHORS, ETC. PATCH, CLEAN, PREPARE, AND PAINT SURFACES TO MATCH FINISH COLOR, TEXTURE AND SHEEN OF ADJACENT SURFACES.
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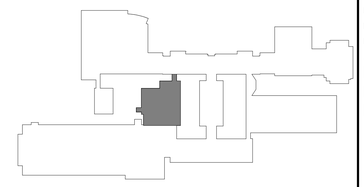
18. PROVIDE A CONTINUOUS BEAD OF SEALANT BETWEEN DISSIMILAR MATERIALS, U.N.O.
19. PROVIDE GALVANIC PROTECTION SEPARATING DISSIMILAR METALS.



KEY PLAN
1" = 200'-0"

LEGAT ARCHITECTS
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT

2026 FACILITY IMPROVEMENTS

BUTTERWORTH ELEMENTARY SCHOOL
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ARCHITECT
Legat Architects, Inc.
1515 5th Ave, Suite 108
Moline, IL 61265
P: 309.517.5536
www.legat.com

MEP/FP ENGINEER
RTM Engineering Consultants
5137 Utica Ridge Rd.
Davenport, IA 52807
P: 563.726.6310
www.rtmec.com

SIGNATURE

DATE

REVISIONS

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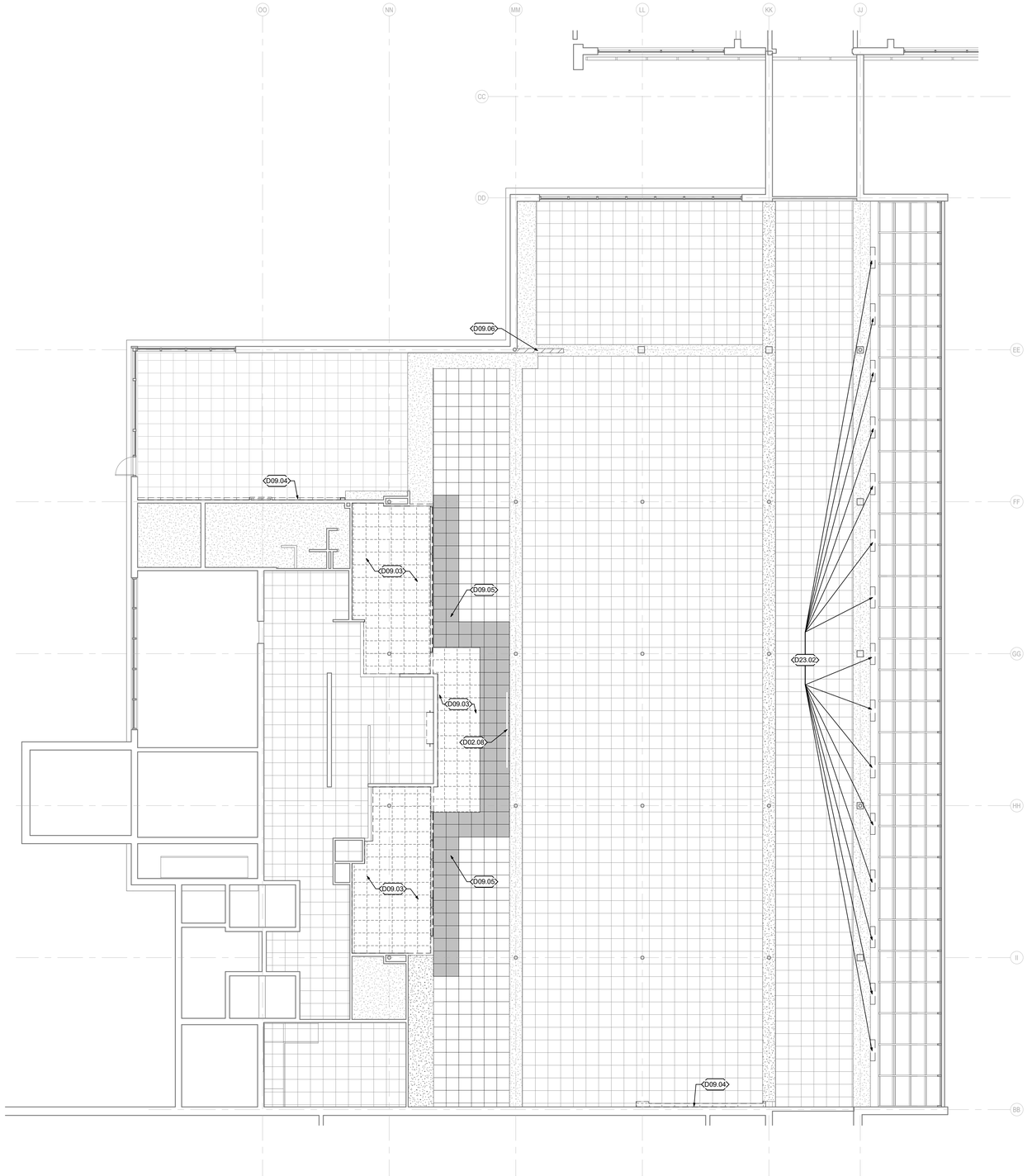
MHS F WING - FIRST FLOOR DEMOLITION PLAN

A-402F

BIDDING



1 FIRST FLOOR DEMO REFLECTED CEILING PLAN
1/8" = 1'-0" A-201 OLD

DEMOLITION NOTES

NOTE	DESCRIPTION
D02.01	REMOVE WALL CONSTRUCTION AND ALL RELATED ITEMS COMPLETE. PROVIDE TARGETED FLOOR PREP IN THIS AREA, IN ORDER TO SEAMLESSLY TRANSITION WITH BALANCE OF NEW FLOOR PREP AND FLOOR FINISH. FOLLOW MANUFACTURER'S GUIDELINES. SEE NEW FINISH PLAN.
D02.02	EXISTING RAISED FLOOR CURB TO BE REMOVED IN ITS ENTIRETY. PROVIDE TARGETED FLOOR PREP IN THIS AREA, IN ORDER TO SEAMLESSLY TRANSITION WITH BALANCE OF NEW FLOOR PREP AND FLOOR FINISH. FOLLOW MANUFACTURER'S GUIDELINES. SEE NEW FINISH PLAN.
D02.03	EXISTING WOOD FRAMED ATTIC FLOOR TO BE REMOVED IN ITS ENTIRETY. PATCH AND REPAIR ADJACENT WALLS AS REQUIRED.
D02.04	EXISTING STEEL LADDER TO BE REMOVED IN ITS ENTIRETY. PATCH AND REPAIR WALLS AS REQUIRED.
D02.05	REMOVE EXISTING RAILING IN ITS ENTIRETY. PROVIDE TARGETED FLOOR PREP IN THIS AREA, IN ORDER TO SEAMLESSLY TRANSITION WITH BALANCE OF NEW FLOOR PREP AND FLOOR FINISH. FOLLOW MANUFACTURER'S GUIDELINES. SEE NEW FINISH PLAN.
D02.06	REMOVE PORTION OF WALL AS REQUIRED FOR NEW OPENING.
D02.07	EXISTING DISHTABLE TO REMAIN.
D02.08	EXISTING WALL MOUNTED PROJECTION SCREEN TO REMAIN.
D02.09	EXISTING PROJECTOR CONTROLS TO BE REMOVED AND SALVAGED FOR REINSTALLATION ON FACE OF NEW FURRING WALL.
D02.10	REMOVE EXISTING BRAKE METAL CLOSURE IN ITS ENTIRETY.
D02.11	CUT EXISTING DISHTABLE BACK TO SUPPORT LEGS AT TEH SOUTH SIDE OF DISH RETURN OPENING. REMOVE SECTION TO THE NORTH AND ALL ASSOCIATED ITEMS.
D02.12	REMOVE AND SALVAGE EXISTING GLAZING SYSTEM FOR INSTALL AT NEW LOCATION AS INDICATED ON NEW WORK PLAN. CONTRACTOR TO DISPOSE OF UNUSED SECTIONS OF THE GLAZING SYSTEM.
D03.01	EXISTING 1" RECESSED FLOOR SLAB TO REMAIN. PREP CONCRETE TO RECEIVE NEW INFILL AND NEW FLOOR FINISH. REFER TO FINISH PLAN.
D03.02	EXISTING RAISED CONCRETE SLAB TO BE REMOVED DOWN TO MATCH RECESSED FLOOR SLAB HEIGHT. CONTRACTOR TO REMOVE CHIPPED OR LOOSE CONCRETE AND PROVIDE A SQUARE EDGE TO INSTALL THE NEW FLOOR INFILL AGAINST.
D03.03	EXISTING 48" DEEP FOUNDRY PIT TO BE INFILLED TO MATCH EXISTING ADJACENT FLOOR ASSEMBLY. PROVIDE TARGETED FLOOR PREP IN THIS AREA, IN ORDER TO SEAMLESSLY TRANSITION WITH BALANCE OF NEW FLOOR PREP AND FLOOR FINISH. FOLLOW MANUFACTURER'S GUIDELINES. SEE NEW FINISH PLAN.
D03.04	EXISTING CONCRETE SLAB TO BE CUT AND REMOVED AS REQUIRED FOR NEW ELECTRICAL EQUIPMENT. REFER TO ELECTRICAL DRAWINGS. PROVIDE TARGETED FLOOR PREP IN THIS AREA, IN ORDER TO SEAMLESSLY TRANSITION WITH BALANCE OF NEW FLOOR PREP AND FLOOR FINISH. FOLLOW MANUFACTURER'S GUIDELINES. SEE NEW FINISH PLAN.
D05.01	EXISTING WALL MOUNTED METAL SHELVING TO BE REMOVED IN ITS ENTIRETY. PATCH AND REPAIR WALL AS REQUIRED.
D06.01	EXISTING WALL MOUNTED FILE HOLDER TO BE REMOVED IN ITS ENTIRETY. PATCH AND REPAIR WALL AS REQUIRED.
D06.02	EXISTING WALL MOUNTED SHELVING CASEWORK TO BE REMOVED IN ITS ENTIRETY.
D08.01	REMOVE EXISTING DOOR AND FRAME SYSTEM IN ITS ENTIRETY. PREP WALL OPENING TO RECEIVE NEW DOOR AND FRAME. REFER TO DOOR SCHEDULE.
D08.02	<varies>
D08.03	REMOVE EXISTING OVERHEAD DOOR SYSTEM IN ITS ENTIRETY. INFILL AND PATCH WALL TO MATCH EXISTING ADJACENT WALL ASSEMBLY.
D08.04	REMOVE EXISTING STEEL WIRE PARTITIONS IN ITS ENTIRETY. INFILL AND PATCH WALL TO MATCH EXISTING ADJACENT WALL ASSEMBLY.
D08.05	REMOVE DOOR, FRAME AND HARDWARE AND PORTION OF WALL AS REQUIRED FOR NEW OPENING.
D09.01	PREP EXISTING COLUMN TO RECEIVE NEW PAINT.
D09.02	REMOVE EXISTING FLOOR FINISH AND WALL BASE IN ITS ENTIRETY. PREP EXISTING SUBSTRATE TO RECEIVE NEW FLOOR FINISH.
D09.03	REMOVE PORTION OF EXISTING CEILING AS REQUIRED FOR INSTALLATION OF NEW GYPSUM BULKHEAD.
D09.04	REMOVE PORTIONOF EXISTING CEILING AS REQUIRED TO INSTALL NEW WALL CONSTRUCTION.
D09.05	TEMPORARILY REMOVE EXISTING CEILING TILES AS NECESSARY FOR THE INSTALLATION OF NEW BULKHEAD AND WALLS. REMOVED CEILING TILES ARE TO BE REINSTALLED IN THE SAME CONDITION AFTER NEW CONSTRUCTION IS COMPLETE.
D09.06	PATCH AND REPAIR AREA OF EXISTING GYPSUM SOFFIT WHERE WALL DEMOLISH OCCURS.
D11.01	REMOVE CHALKBOARD SYSTEM IN ITS ENTIRETY. PATCH AND REPAIR WALL AS REQUIRED.
D22.01	REMOVE AND REPLACE EXISTING SEMI-CIRCULAR SHOP SINK.
D22.02	EXISTING PLUMBING FIXTURE TO BE REMOVED IN ITS ENTIRETY. REFER TO PLUMBING DRAWINGS.
D22.03	EXISTING OVERHEAD COMPRESSED AIR LINE TO REMAIN. PREP FOR NEW FINISHES.
D22.04	PORTION OF EXISTING OVERHEAD COMPRESSED AIR LINE TO BE REMOVED IN ITS ENTIRETY. REFER TO MEP DWGS.
D22.05	EXISTING DRINKING FOUNTAIN TO REMAIN.
D23.01	EXISTING MECHANICAL HOOD TO BE REMOVED IN ITS ENTIRETY. PATCH AND REPAIR WALL AND CEILING TO MATCH EXISTING ADJACENT ASSEMBLIES.
D23.02	EXISTING MINI SPLIT UNITS TO BE REMOVED. PATCH AND REPAIR WALL AS NECESSARY. PREP BULKHEAD TO RECEIVE NEW PAINT.
D23.03	REMOVE AND REPLACE BASE HEATERS. REFER TO MECHANICAL DRAWINGS FOR INFORMATION ON NEW EQUIPMENT.

GENERAL DEMOLITION NOTES

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2. EXISTING DIMENSIONS AND HATCHED AREAS ARE FOR GENERAL REFERENCE AND BIDDING PURPOSES ONLY. CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN FIELD. THE ACTUAL AREA OF DEMOLITION SHOULD BE KEPT TO THE MINIMUM REQUIRED TO PROPERLY EXECUTE THE CONTRACT REQUIREMENTS.
3. IN THE EVENT THAT AN EXISTING ITEM NOT SHOWN ON THE DRAWINGS CONFLICTS WITH WORK UNDER THIS CONTRACT, CONTACT THE ARCHITECT PRIOR TO REMOVAL OF THAT ITEM.
4. ALL UTILITIES SHALL REMAIN IN SERVICE FOR OTHER OCCUPANCIES. ANY SHUTDOWNS OF BUILDING MUST BE APPROVED BY OWNER AND OCCUR AT OFF HOURS AS DEFINED BY OWNER.
5. THE OWNER HAS FIRST RIGHT OF REFUSAL FOR ALL MATERIAL OR EQUIPMENT IDENTIFIED TO BE REMOVED. ALL ITEMS NOT TURNED OVER TO THE OWNER SHALL BE DISPOSED OF PROPERLY AND LAWFULLY.
6. THROUGHOUT DEMOLITION AND CONSTRUCTION, PROTECT ITEMS SCHEDULED TO REMAIN AND/OR ALL ADJACENT MATERIALS AND EQUIPMENT, ETC. INDICATED TO REMAIN. COORDINATE REMOVAL AND PROTECTIONS WITH OWNER.
7. DO NOT COMMENCE DEMOLITION UNTIL OWNER HAS REMOVED ALL ARTWORK AND DISPLAYS FROM AREAS OF DEMOLITION.
8. AT REMOVAL OF SELECTED DEMOLITION ITEMS WHERE NO NEW CONSTRUCTION IS IDENTIFIED, PATCH, CLEAN, PREPARE, AND PAINT SURFACES TO MATCH FINISH COLOR, TEXTURE AND SHEEN OF ADJACENT SURFACES.
9. AT ITEMS TO BE REMOVED, ALSO REMOVE ALL ASSOCIATED BRACKETS, SUPPORTS, FASTENERS, ANCHORS, ETC. PATCH, CLEAN, PREPARE, AND PAINT SURFACES TO MATCH FINISH COLOR, TEXTURE AND SHEEN OF ADJACENT SURFACES.
10. CONTRACTOR SHALL REMOVE EXISTING PLUMBING, MECHANICAL, ELECTRICAL OR OTHER MISCELLANEOUS ITEMS REQUIRED TO COMPLETE NEW WORK BUT NOT REQUIRED TO REMAIN.
11. CONTRACTOR SHALL REMOVE ALL DEBRIS AND TRASH RESULTING FROM CONSTRUCTION ON A DAILY BASIS.
12. GENERAL CONTRACTOR SHALL RECYCLE DEMOLITION CONSTRUCTION DEBRIS IN ACCORDANCE WITH AUTHORITIES HAVING JURISDICTION AND SUSTAINABLE BEST PRACTICES.
13. IN THE EVENT HAZARDOUS MATERIALS ARE UNCOVERED GENERAL CONTRACTOR IS TO NOTIFY THE OWNER AND THE APPROPRIATE AUTHORITIES. THE ARCHITECT IS NOT RESPONSIBLE FOR REMOVAL / ABATEMENT OF HAZARDOUS MATERIALS. CONTRACTOR TO PROVIDE REMOVAL / ABATEMENT AT LOCATIONS NECESSARY.

GENERAL NOTES

1. ALL WORK SHALL BE COMPLIANT WITH THE CODES, ORDINANCES, AND REGULATIONS OF THE AUTHORITIES HAVING JURISDICTION OVER THE PROJECT LOCATION.
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4. THE CONTRACT DOCUMENTS IDENTIFY THE MINIMUM AMOUNT OF WORK REQUIRED. TRADE CONTRACTORS SHALL PROVIDE THE EXTENT OF WORK NECESSARY FOR A COMPLETE INSTALLATION.
5. REFER TO THE PROJECT MANUAL FOR PRODUCTS, MATERIALS, AND PROCEDURES NOT IDENTIFIED ON THE CONTRACT DRAWINGS.
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8. THE TRADE CONTRACTORS SHALL BE FAMILIAR WITH THE EXISTING CONDITIONS AND NOTIFY THE ARCHITECT OR CONSTRUCTION MANAGER OF ANY CONFLICTS WITH THE CONSTRUCTION DOCUMENTS PRIOR TO PREPARING SUBMITTALS OR BEGINNING ANY WORK.
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12. THE ARCHITECT SHALL REVIEW AND APPROVE LOCATIONS FOR ALL JUNCTION BOXES AND RACEWAYS PRIOR TO INSTALLATION OF WIRING / CABLING.
13. EXISTING SITE FEATURES, MATERIALS, AMENITIES, LANDSCAPING, ETC. DAMAGED BY CONSTRUCTION OPERATIONS SHALL BE RESTORED, REPAIRED, OR REPLACED BY THE RESPONSIBLE TRADE CONTRACTOR(S) AT NO ADDITIONAL COST TO THE OWNER AND TO THE SATISFACTION OF THE OWNER AND ARCHITECT.
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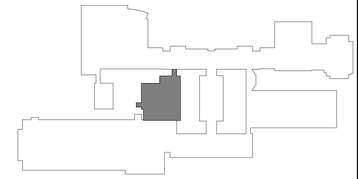

KEY PLAN
1" = 200'-0"

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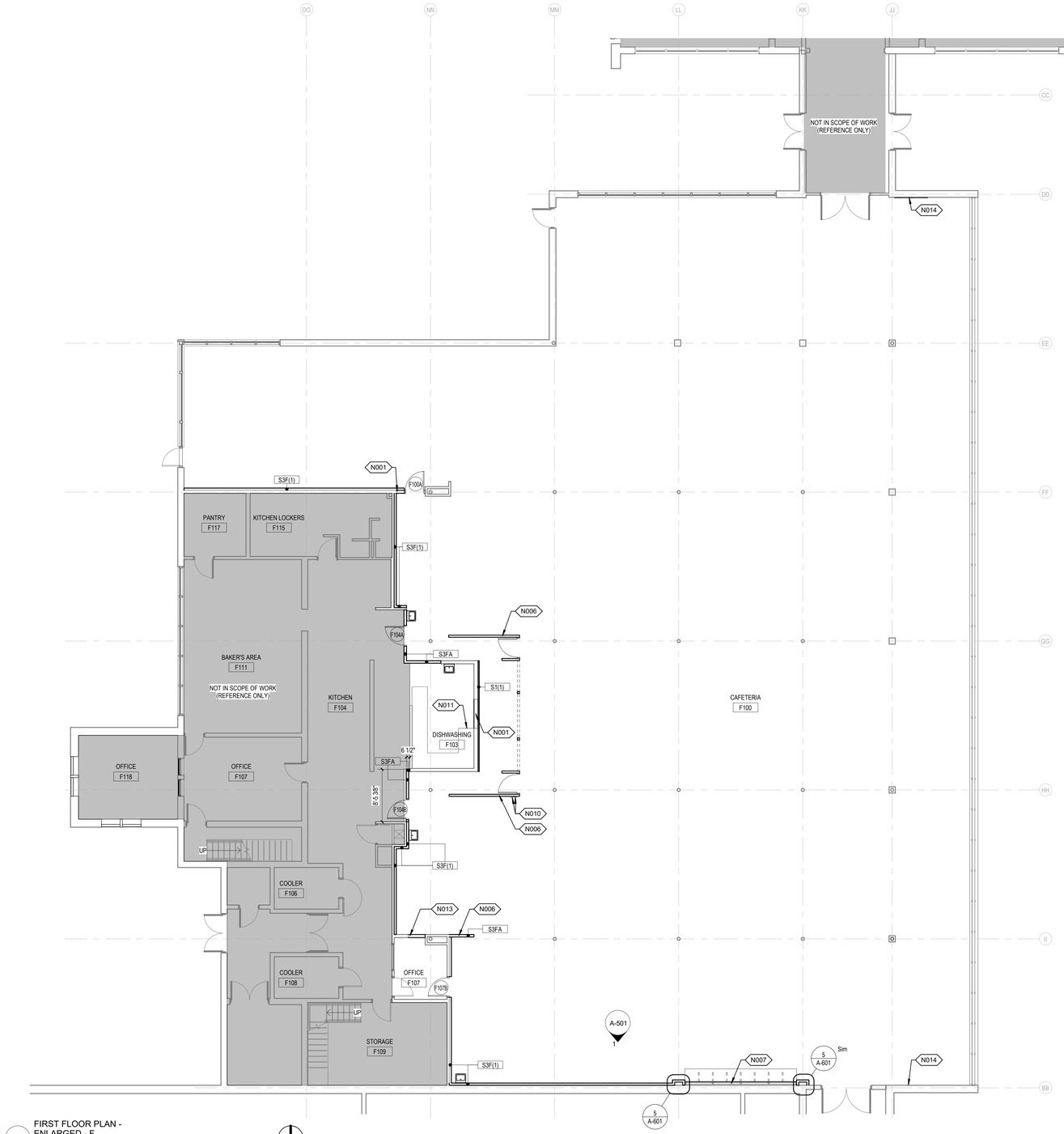
MHS F WING - FIRST FLOOR DEMOLITION REFLECTED CEILING PLAN

A-403F

BIDDING



1 FIRST FLOOR PLAN - ENLARGED - F
1/8" = 1'-0"

ARCHITECTURAL PLAN NOTES

NOTE	DESCRIPTION
N001	PROVIDE WALL INFILL TO MATCH EXISTING ADJACENT WALL ASSEMBLY. TOOTH IN NEW MASONRY TO MATCH EXISTING CONSTRUCTION.
N002	PROVIDE SELF-LEVELING UNDERLAYMENT FLOOR FILL TO ALIGN EXISTING RECESSED FLOOR SLAB WITH EXISTING SLAB AT GRADE. PREP FLOOR TO RECEIVE NEW FLOOR FINISH PER MANUFACTURER'S INSTRUCTIONS. REFER TO FINISH PLAN
N003	WALL MOUNTED TV BY OWNER.
N004	NEW 54" SEMI-CIRCULAR STAINLESS STEEL SINK. REFER TO P-SERIES DWGS.
N005	NEW CONCRETE SLAB, MATCH EXISTING ADJACENT CONSTRUCTION
N006	NEW WALL ASSEMBLY AND DOOR SYSTEM TO BE PROVIDED BY KITCHEN EQUIPMENT CONTRACTOR.
N007	NEW STOREFRONT WALL. REFER TO DETAIL 1/A-211
N008	EXISTING DOOR AND FRAME TO BE PAINTED PNT-2. REMOVE HARDWARE AS REQUIRED TO PAINT DOOR AND FRAME. ADJUST CLOSER AND LOCKSET AS NEEDED FOR DOOR TO PROPERLY CLOSE.
N009	PROVIDE NEW ROLLER SHADE WINDOW TREATMENTS.
N010	REINSTALL SALVAGED PROJECTOR CONTROLS. REFER TO ELECTRICAL DRAWINGS.
N011	PROVIDE NEW STAINLESS STEEL SIDESPLASH AT EXISTING STAINLESS STEEL COUNTERTOP THAT WAS CUT BACK TO THE EXISTING DISH RETURN OPENING.
N013	BULLNOSE EXISTING BLOCK CORNERS WHERE BLOCK WAS CUT FOR NEW OPENING.
N014	NEW TV MONITOR - BY OTHERS

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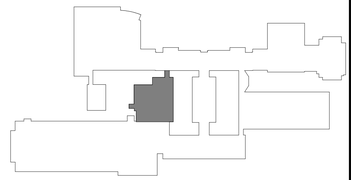
13. EXISTING SITE FEATURES, MATERIALS, AMENITIES, LANDSCAPING, ETC. DAMAGED BY CONSTRUCTION OPERATIONS SHALL BE RESTORED, REPAIRED, OR REPLACED BY THE RESPONSIBLE TRADE CONTRACTOR(S) AT NO ADDITIONAL COST TO THE OWNER AND TO THE SATISFACTION OF THE OWNER AND ARCHITECT.
14. CONTRACTOR SHALL COORDINATE THE WORK WITH ALL PARTIES INVOLVED SO THAT THE CONSTRUCTION CAN PROCEED SMOOTHLY, WITHOUT TRADE INTERFERENCE OR WASTE OF TIME AND MATERIAL.
15. AFTER REMOVAL OF ITEMS IDENTIFIED TO BE REMOVED, CLEAN AND REPAIR THE EXISTING SURFACES TO REMAIN TO MATCH THE CONSTRUCTION MATERIALS AND METHODS, FINISHES TEXTURE, PATTERN, COLOR AND SHEEN OF THE ADJACENT SURFACES TO REMAIN. PATCH, CLEAN, PREPARE, PAINT, ETC. EXISTING SURFACES AS REQUIRED.
16. WHERE EXISTING EQUIPMENT IS REMOVED AND NEW EQUIPMENT IS SMALLER AND INSTALLED IN THE SAME LOCATION, CLEAN AND REPAIR THE SIGHT-EXPOSED SURFACES TO REMAIN TO MATCH THE CONSTRUCTION MATERIALS AND METHODS, FINISHED TEXTURE, PATTERN, AND COLOR OF THE ADJACENT SURFACES TO REMAIN. PATCH, CLEAN, PREPARE, PAINT, ETC. EXISTING SURFACES AS REQUIRED.
17. ALL PENETRATIONS THROUGH ANY MATERIAL SHALL BE SEALED WITH A COMPATIBLE MATERIAL APPROVED BY THE ARCHITECT PRIOR TO INSTALLATION.
18. PROVIDE A CONTINUOUS BEAD OF SEALANT BETWEEN DISSIMILAR MATERIALS, U.N.O.
19. PROVIDE GALVANIC PROTECTION SEPARATING DISSIMILAR METALS.

DEMOLITION LEGEND

- D## ## — DEMOLITION TAG
- EXISTING WALLS TO REMAIN
- EXISTING WALLS TO BE DEMOLISHED
- EXISTING DOORS TO REMAIN
- EXISTING DOORS TO BE DEMOLISHED



KEY PLAN
1" = 200'-0"

LEGAT ARCHITECTS
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT

2026 FACILITY IMPROVEMENTS

BUTTERWORTH ELEMENTARY SCHOOL
LOGAN ELEMENTARY SCHOOL
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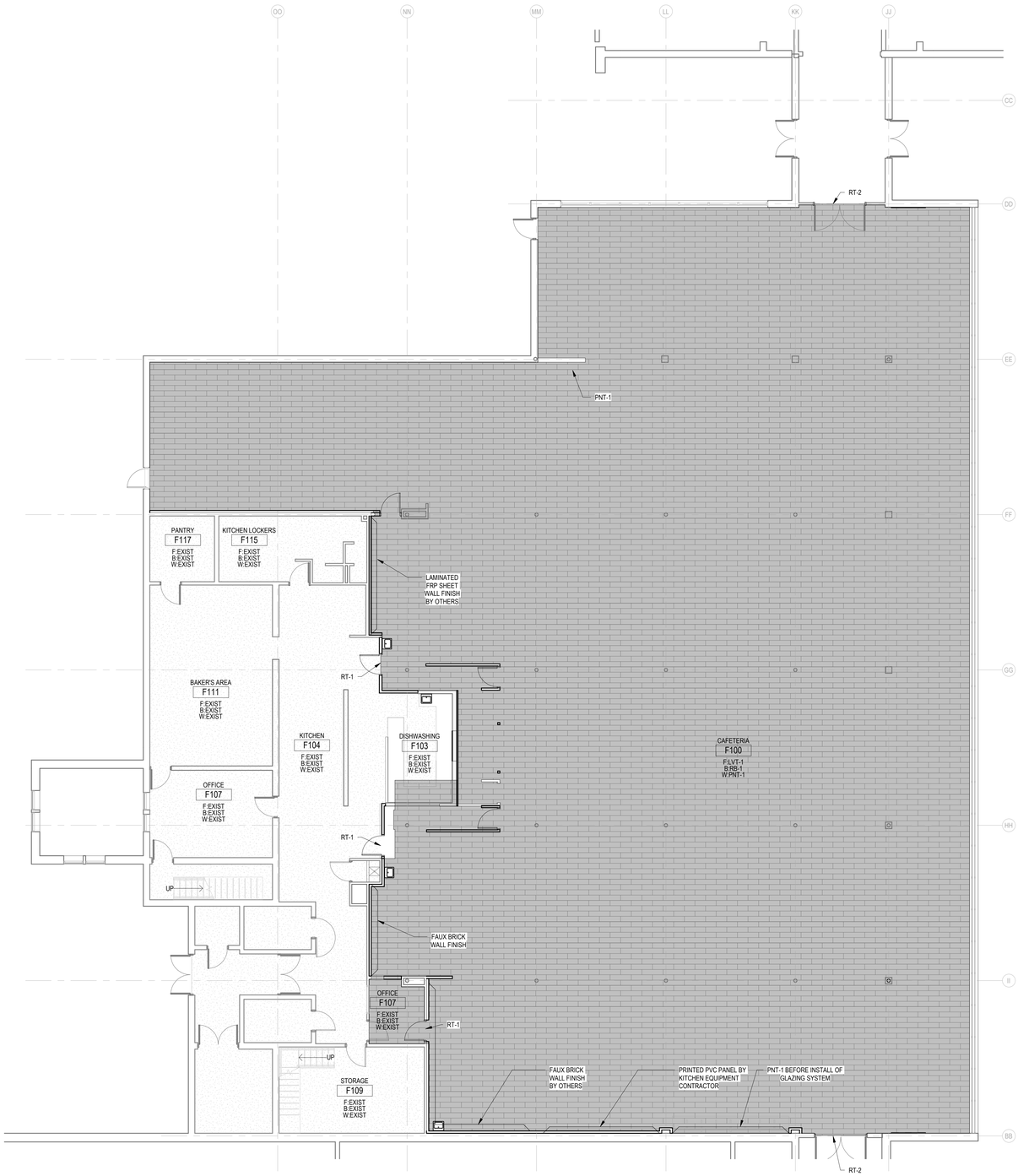
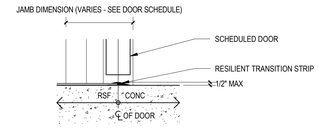
MHS F WING - NEW WORK FLOOR PLAN

A-404F

BIDDING



1 FIRST FLOOR ENLARGED PLAN
1/8" = 1'-0"



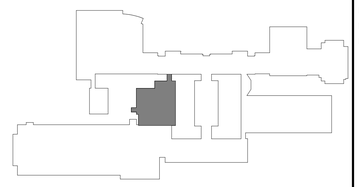
2 RESILIENT / CONCRETE - RESILIENT TRANSITION
3" = 1'-0"

SYMBOL LEGEND

MATERIAL DIRECTION

FINISH LEGEND

LVT-1	LUXURY VINYL TILE	MANUF: INTERFACE STYLE: STUDIO SET 4.5 MM COLOR: PEBBLE SIZE: 25 CM X 1 M
PNT-1	PAINT	MANUF: SHERWIN WILLIAMS FINISH: SEMI-GLOSS COLOR: ALABASTER - SW7008
PNT-2	PAINT	MANUF: SHERWIN WILLIAMS FINISH: SEMI-GLOSS COLOR: MOLINE MAROON
PNT-3	PAINT	MANUF: SHERWIN WILLIAMS FINISH: SEMI-GLOSS COLOR: MOLINE GRAY
RES-1	RESINOUS FLOORING	MANUF: SHERWIN WILLIAMS STYLE: DECO FLAKE 1/8" COLOR: TBD
RB-1	RUBBER BASE	MANUF: TARKETT STYLE: COVE COLOR: CHARCOAL SIZE: 4" HIGH
RT-1	RUBBER TRANSITION	MANUF: TARKETT STYLE: JOHNSONITE RUBBER TRANSITION TYPE: 3/16" TO FLOOR MATERIAL: RRS-XX-C
RT-2	RUBBER TRANSITION	MANUF: TARKETT STYLE: JOHNSONITE RUBBER TRANSITION TYPE: 3/16" TO .08" VERIFY EXACT TANSITION HEIGHT IN FIELD
SC	SEALED CONCRETE	MANUF: H&C CLARISHIELD WATER-BASED WET LOOK CONCRETE SEALER



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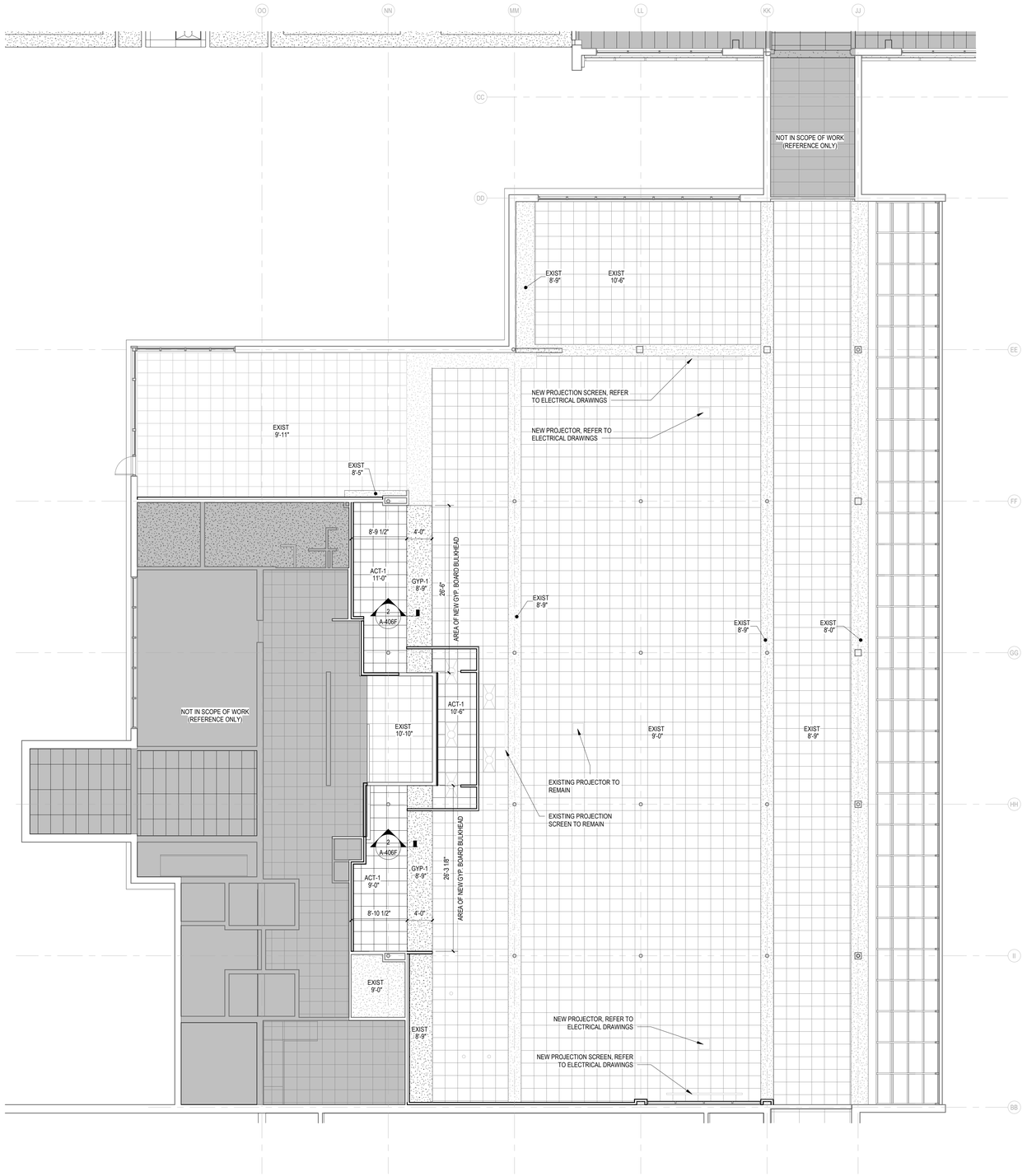
MHS F WING - FINISH PLAN

A-405F

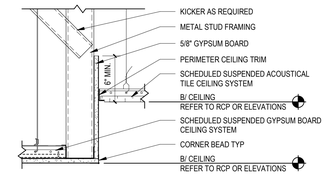
BIDDING



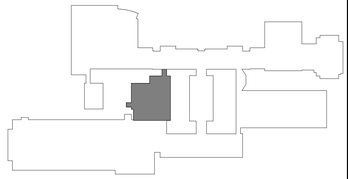
1 FIRST FLOOR REFLECTED CEILING PLAN - F
1/8" = 1'-0"

REFLECTED CEILING PLAN LEGEND

- FINISHED CEILING ELEVATION
- 2' X 2' SUSPENDED ACOUSTICAL CEILING TILE
- GYPSUM BOARD CEILING OR SOFFIT
- EXPOSED CEILING
- 2' X 2' LUMINAIRE - REFER TO ELECTRICAL DRAWINGS
- 2' X 4' LUMINAIRE - REFER TO ELECTRICAL DRAWINGS
- RECESSED CAN LUMINAIRE - REFER TO ELECTRICAL DRAWINGS
- DROPPED PENDANT MOUNTED - REFER TO ELECTRICAL DRAWINGS. COORDINATE FINAL LOCATION IN FIELD WITH KITCHEN EQUIPMENT PROVIDER/ INSTALLER.
- RETURN DIFFUSER - SEE MECHANICAL DRAWINGS
- SUPPLY DIFFUSER - SEE MECHANICAL DRAWINGS
- PR — CEILING-MOUNTED PROJECTOR BY OWNER INSTALLED BY CONTRACTOR - VERIFY LOCATION WITH DISTRICT IT DEPARTMENT
- EMERGENCY WALL LIGHT
- EMERGENCY EXIT SIGN
- RECESSED BUSWAY SYSTEM - REFER TO ELECTRICAL DRAWINGS
- PROJECTION SCREEN
- SD — SMOKE DETECTOR
- OCCUPANCY SENSOR
- DAYLIGHT SENSOR
- SECURITY CAMERA
- AV SPEAKERS
- WAP



2 TRANSITION - GYP / ACT SOFFIT
1 1/2" = 1'-0" A-406F



KEY PLAN
1" = 200'-0"

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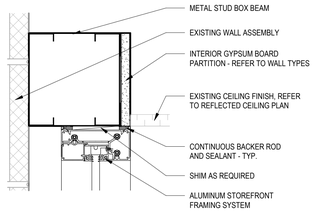
MHS F WING - FIRST FLOOR REFLECTED CEILING PLAN

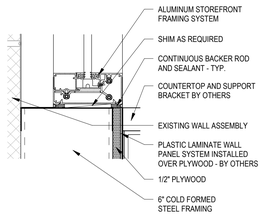
A-406F

BIDDING

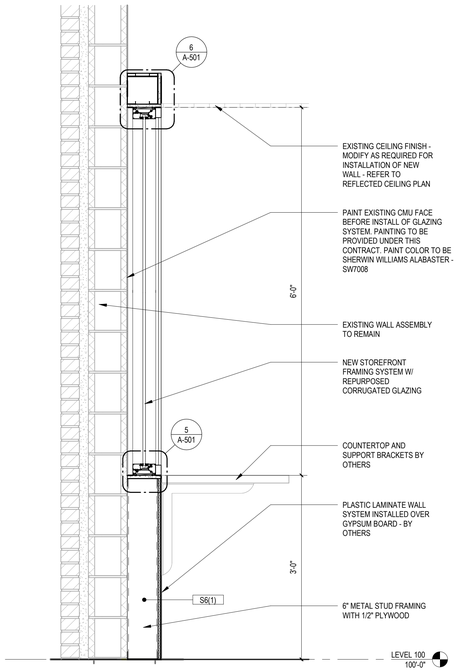
GLAZING TYPES	
CS-1	REPURPOSED CORRUGATED STRUCTURAL GLAZING



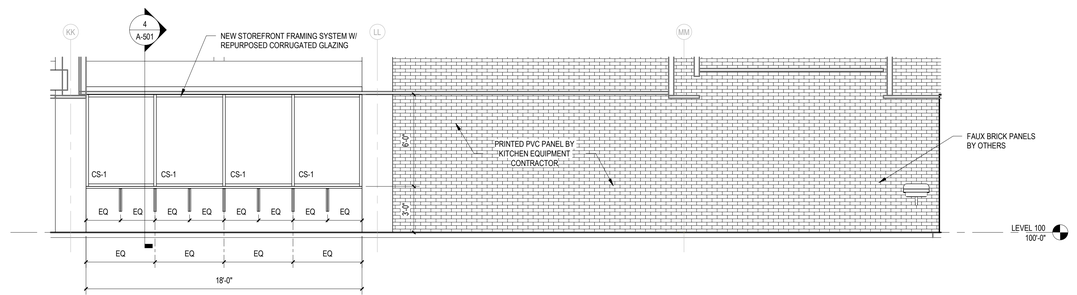
6 HEAD DETAIL - STOREFRONT
3" = 1'-0" A-501



5 SILL DETAIL - STOREFRONT
3" = 1'-0" A-501



4 WALL SECTION
1" = 1'-0" A-501



1 F100 CAFETERIA - ELEVATION
1
1/4" = 1'-0" A-404F

LEGAT ARCHITECTS
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT

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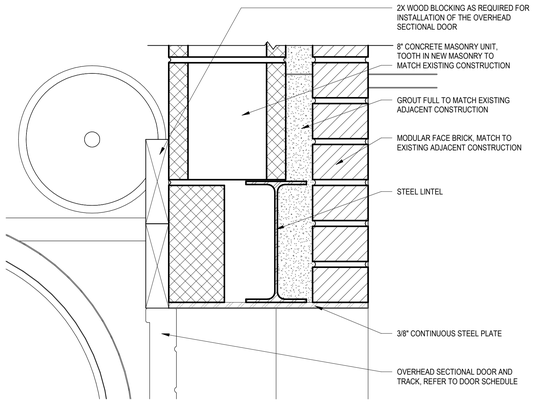
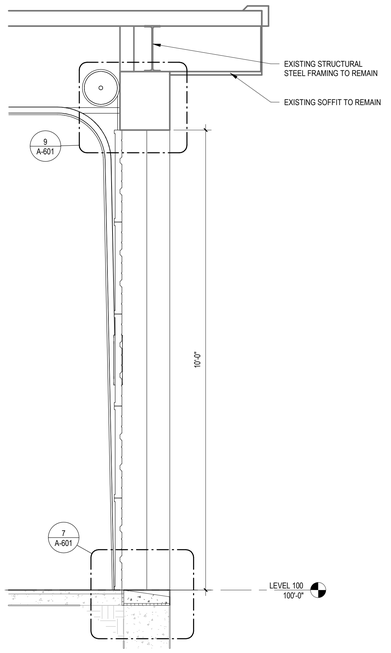
MHS - INTERIOR ELEVATIONS

A-501

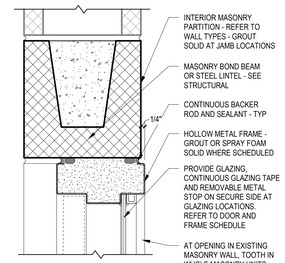
BIDDING



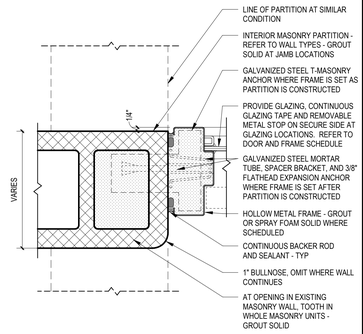
9 OVERHEAD DOOR - HEAD DETAIL - MASONRY
3" = 1'-0" A-601



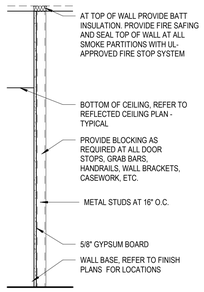
6 WALL SECTION - OR DOOR
3/4" = 1'-0" A-401D

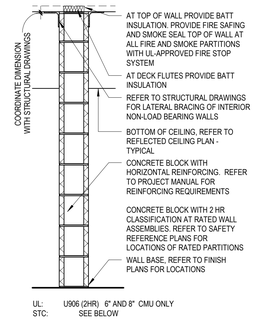


4 TYPICAL HOLLOW METAL - HEAD DETAIL - MASONRY
3" = 1'-0" A-601



2 TYPICAL HOLLOW METAL - JAMB DETAIL - MASONRY
3" = 1'-0" A-601





STUD PARTITION

DENOTES FRAMING DEPTH
LAYER MODIFIER INDICATES LAYERS OF GYPSUM BOARD

S # (1)

SIZES
S 3 # 3 5/8" STUD DEPTH
S 6 # 6" STUD DEPTH

MODIFIERS
S # FRAMING FULL HEIGHT TO STRUCTURE ABOVE AND GYPSUM BOARD TO 6" ABOVE CEILING
S # A MINERAL FIBER SOUND ATTENUATION BLANKETS FULL DEPTH OF STUD
S # F FRAMING AND GYPSUM BOARD FULL HEIGHT TO STRUCTURE ABOVE

NOTES
PAINT ALL GYPSUM BOARD SURFACES.

CMU PARTITION

DENOTES CMU DEPTH
LETTER MODIFIER (REFER TO BELOW)
FURRING OR VENEER APPLICATION (SEE FURRING PARTITION STYLE)

M # # (#)

SIZES

M 4 #	4" CMU	(STC: 40)
M 6 #	6" CMU	(STC: 42)
M 8 #	8" CMU	(STC: 44)
M 10 #	10" CMU	(STC: 46)
M 12 #	12" CMU	(STC: 48)

MODIFIERS

M #	STANDARD CMU	M # R	RATED PARTITION
M # G	GROUND FACE		
M # S	SPLIT FACE		
M # C	FLUTED ACOUSTIC		
M # F	FLUTED		
M # T	GLAZED		

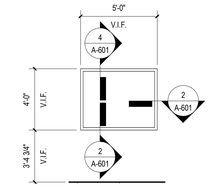
NOTES
1. STC VARIES BASED ON DENSITY AND TYPE OF CMU, AND TYPE OF FILL WHERE REQUIRED
2. REFER TO STRUCTURAL DRAWINGS FOR TOP OF WALL CONDITION AT LOAD BEARING CMU PARTITIONS

3 PARTITION TYPE
3/4" = 1'-0"

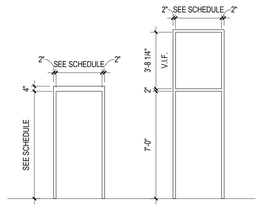
1 PARTITION TYPES
3/4" = 1'-0"

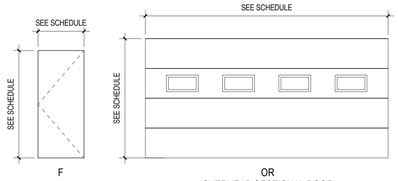
DOOR AND FRAME SCHEDULE

DOOR #	DOOR TYPE	DOOR MATERIAL	DOOR WIDTH	DOOR HEIGHT	DOOR THICK	FRAME TYPE	FRAME MATERIAL	FIRE RATING	FRAME HDWR	FRAME DETAILS HEAD	FRAME DETAILS JAMB	FRAME DETAILS JAMB	FRAME DETAILS SILL	REFERENCED NOTES
D101A	OR	ST	16'-0"	10'-0"	2"	--	ST	--	05	6/A-601	5/A-601	--		
D101B	F	HM	3'-0"	7'-0"	1 3/4"	B	HM	--	04	4/A-601	2/A-601	--	"	
D101D	F	HM	3'-0"	7'-0"	1 3/4"	A	HM	--	03	4/A-601	2/A-601	--	"	
F100A	F	HM	3'-0"	7'-0"	1 3/4"	DF	HM	"	02	4/A-601	2/A-601	"	"	
F104A	F	HM	3'-0"	7'-0"	1 3/4"	A	HM	"	01.1	11/A-601	10/A-101	"	"	
F104B	F	HM	3'-0"	7'-0"	1 3/4"	A	HM	--	01.2	11/A-601	10/A-101	--	--	
F107B	F	HM	3'-0"	7'-0"	1 3/4"	A	HM	"	01	4/A-601	2/A-601	--	"	



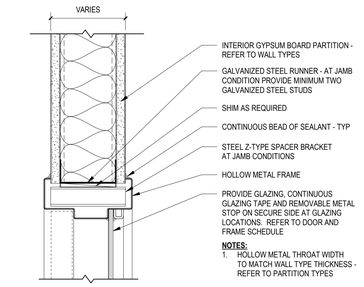
A GLAZING ELEVATION - HOLLOW METAL
1/4" = 1'-0" A-401D



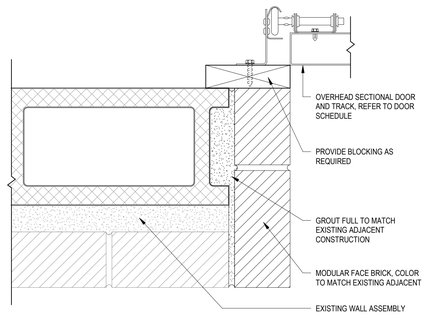


FRAME TYPES
1/4" = 1'-0"

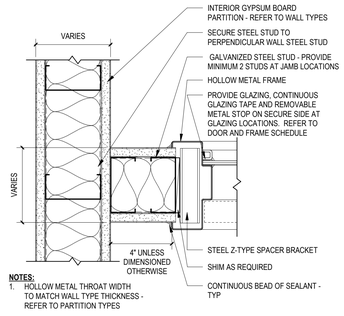
DOOR TYPES
1/4" = 1'-0"



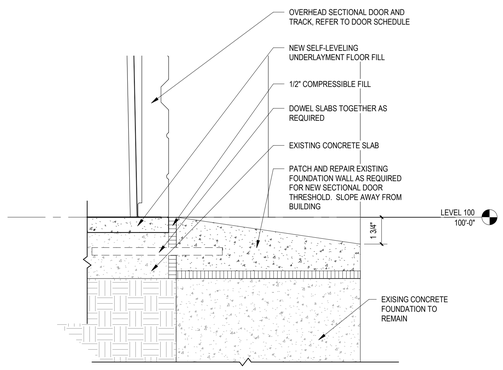
11 TYP. HOLLOW METAL - HEAD DETAIL - STUD WALL
3" = 1'-0"



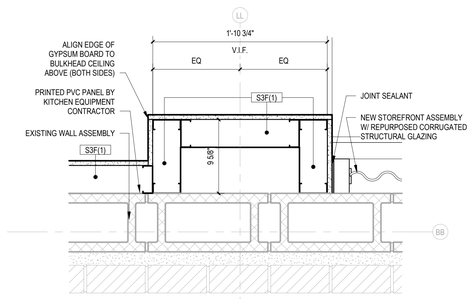
8 OVERHEAD DOOR - JAMB DETAIL - MASONRY
3" = 1'-0"



10 TYP. HOLLOW METAL - JAMB DETAIL - STUD WALL
3" = 1'-0"



7 WALL SECTION - OR DOOR - SILL DETAIL
3" = 1'-0" A-601



5 PLAN DETAIL - COLUMN WRAP
1 1/2" = 1'-0" A-404F

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MHS - WALL TYPE, DOOR AND FRAME DETAILS

A-601

BIDDING

PLUMBING ABBREVIATIONS:

AD	AREA DRAIN
BFP	BACKFLOW PREVENTER
BP	BOOSTER PUMP
BTUH	BTU(S) PER HOUR
BV	BALANCING VALVE
CO2	CARBON DIOXIDE
CPVC	CHLORINATED PVC
CW	COLD WATER
CWFU	COLD WATER FIXTURE UNITS
CWR	COLD WATER RETURN
DF	DRINKING FOUNTAIN
DFU	DRAINAGE FIXTURE UNITS
DIA	DIAMETER
DS	DOWNSPOUT
DW	DISH WASHER
ES	EMERGENCY SHOWER
EVAC	WASTE ANESTHETIC GAS DISPOSAL
EW	EMERGENCY EYE WASH
EWH	ELECTRIC WATER HEATER
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FRS	FLUSHING RIM SINK
FS	FLOOR SINK
GWH	GAS WATER HEATER
HB	HOSE BIBB
HD	HUB DRAIN
HS	HAND SINK
HW	HOT WATER
HWFU	HOT WATER FIXTURE UNITS
HWR	HOT WATER RETURN
IWP	INDIRECT WASTE PIPE
KS	KITCHEN SINK
LA	LAB AIR
LAV	LAVATORY
LV	LABATORY VACUUM
MB	MOP BASIN
MBH	BTU PER HOUR (THOUSAND)
MV	MIXING VALVE
N	NITROGEN
NCP	NITROGEN CONTROL PANEL
ND	NOZZLE DRAIN
NG	NATURAL GAS
NO	NITROUS OXIDE
NPT	NATIONAL PIPE THREAD TAPERED
O	OXYGEN
PEX	CROSS LINKED POLYETHYLENE
POC	POINT OF CONNECTION
PSI	POUNDS PER SQUARE INCH
PSIG	PSI GAUGE
PVC	POLYVINYL CHLORIDE
PW	PURE WATER
RD	ROOF DRAIN
RDO	ROOF DRAIN OVERFLOW
S	SINK
SD	SHOWER DRAIN
SE	SEWAGE EJECTOR
SFU	SUPPLY FIXTURE UNIT
SH	SHOWER
SP	SUMP PUMP
SPR	STANDPIPE RECEPTOR
SS	SERVICE SINK
TD	TRENCH DRAIN
TEMP	TEMPERATURE
TMV	THERMOSTATIC MIXING VALVE
UR	URINAL
VA	VACUUM
W	WASTE PIPE
WC	WATER CLOSET
WCO	WALL CLEANOUT
WH	WATER HEATER
WS	WATER SOFTENER
YCO	YARD CLEANOUT

PLUMBING VALVES:

- SOLENOID VALVE
- MODULATING 2-WAY VALVE
- MODULATING 3-WAY VALVE
- BALANCING VALVE
- BALL VALVE
- BUTTERFLY VALVE
- CHECK VALVE
- MIXING VALVE
- FLOAT OPERATED VALVE
- GATE VALVE
- GLOBE VALVE
- PLUG VALVE
- PRESSURE REDUCING VALVE
- SAFETY RELIEF VALVE
- DOUBLE CHECK VALVE ASSEMBLY
- RP — REDUCED PRESSURE ZONE VALVE (RPZ)
- DUAL CHECK VALVE WITH INTERMEDIATE ATMOSPHERIC VENT

PLUMBING SPECIALTIES:

- AUTOMATIC AIR VENT
- MANUAL AIR VENT
- PRESSURE GAUGE
- PS — PRESSURE SWITCH
- THERMOMETER
- STRAINER, BLOW DOWN
- STRAINER
- EXPANSION LOOP
- EXPANSION JOINT
- WATER HAMMER ARRESTER
- AQUASTAT
- HOSE BIBB/ WALL HYDRANT
- TRAP PRIMER
- VB — VACUUM BREAKER
- SPV — SPILL PROOF VACUUM BREAKER

PIPE SYSTEM LINETYPES:

- PIPING OR EQUIPMENT TO BE REMOVED
- PIPING OR EQUIPMENT TO REMAIN
- IWP — INDIRECT WASTE PIPE (IWP)
- GRS — GREY WASTE (GRS)
- GR — GREASE WASTE (GR)
- CV — CLEAR WATER VENT (CV)
- AV — ACID VENT (AV)
- AW — ACID WASTE (AW)
- DT — SUB-SOIL DRAINAGE (DT)
- IRRG — IRRIGATION (IRRIG)
- GRW — GREY WATER (GRW)
- CA — COMPRESSED AIR (CA)
- CW(CITY) — CITY COLD WATER (CW(CITY))
- COLD WATER DOMESTIC (CW)
- CWR — COLD WATER RETURN (CWR)
- SCW — SOFT COLD WATER (SCW)
- GW — GARAGE WASTE (GW)
- HOT WATER DOMESTIC (HW)
- HOT WATER DOMESTIC RETURN (HWR)
- NG — NATURAL GAS (NG)
- NPCW — NON-POTABLE COLD WATER (NPCW)
- OV — OIL VENT (OV)
- PD — PUMP DISCHARGE (PD)
- PW — PURE WATER (PW)
- SAN — SANITARY (SAN)
- ST — STORM (ST)
- STO — STORM OVERFLOW (STO)
- UNDERGROUND PIPING
- V — VENT (V)

PLUMBING EQUIPMENT:

- SEWAGE EJECTOR (SE)
- BOOSTER PUMP (BP)
- GAS FIRED WATER HEATER - EXTERNAL STORAGE (GWH)
- GAS FIRED WATER HEATER - INTERNAL STORAGE (GWH)
- ELECTRIC WATER HEATER - INTERNAL STORAGE (EWH)
- GAS FIRED WATER HEATER - TANKLESS (GWH)
- WATER METER
- SEPARATOR/ INTERCEPTOR (SEE SCHEDULE FOR ABBREVIATION)
- RECIRCULATION PUMP
- EXPANSION TANK (ET)
- SUMP PUMP (SP)
- BACK WATER VALVE (BW)

PLUMBING GENERAL NOTES:

1. THE FOLLOWING NOTES APPLY TO THE FULL SET OF PLUMBING DRAWINGS AND SPECIFICATIONS INCLUDING ADDENDA, CHANGES ORDERS, BULLETINS AND ARCHITECTURAL SUPPLEMENTARY INSTRUCTIONS.
2. THE DRAWINGS INDICATE DIAGRAMMATICALLY THE EXTENT AND LOCATION OF THE WORK. FURTHER DETAIL OF THE WORK THAT IS REQUIRED FOR A COMPLETE INSTALLATION, WHICH IS NOT SHOWN BECAUSE OF DRAWING SCALE, SHALL BE INCLUDED IN BASE BID.
3. FOR ADDITIONAL DETAILS, CONSULT THE ARCHITECTURAL DRAWINGS, OTHER ENGINEERING DRAWINGS, OWNER FURNISHED DRAWINGS AND OTHER OWNER FURNISHED DOCUMENTATION.
4. ALL PERMITS, LICENSES, APPROVALS AND OTHER ARRANGEMENTS FOR THE WORK SHALL BE INCLUDED IN THE BASE BID. THIS INCLUDES PLAN REVIEW FEE FOR ALL BACKFLOW PREVENTERS.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING PLUMBING WORK WITH THE WORK OF OTHER TRADES. PROVIDE OFFSETS TO ALL PIPING AS REQUIRED WHETHER SHOWN OR NOT.
6. ALL WORK SHALL BE IN ACCORDANCE WITH 2014 ILLINOIS PLUMBING CODE . THIS CODE SHALL BE FOLLOWED AS A MINIMUM . HIGHER GRADES OF MATERIAL AND WORKMANSHIP SHALL BE PROVIDED WHERE REQUIRED.
7. PROVIDE HOLES, SLEEVES, FIRE STOPPING AND PATCHING FOR THE INSTALLATION OF THE PLUMBING WORK.
8. MANUFACTURER AND PRODUCT SELECTION: THE DRAWINGS AND SPECIFICATIONS INDICATE SIZES, PROFILES, AND DIMENSIONAL REQUIREMENTS OF MATERIAL AND SPECIFIC PRODUCTS. MANUFACTURERS OF PRODUCTS HAVING EQUIVALENT PERFORMANCE CHARACTERISTICS HAVE BEEN LISTED IN THE SPECIFICATION. THE USE OF ANY OF THE EQUIVALENT PRODUCTS SHALL REQUIRE THAT THE CONTRACTOR IDENTIFY MODIFICATIONS TO ACCOMMODATE VARIATIONS IN CHARACTERISTICS, SUCH AS WEIGHTS, CONNECTIONS, SIZES, AND DIMENSIONS. THE RESPONSIBILITY FOR MODIFICATIONS TO MECHANICAL, STRUCTURAL, ELECTRICAL, OR OTHER PLUMBING SYSTEMS, OR TO ACCOMMODATE CODES SHALL BE WITH THE CONTRACTOR. COSTS RESULTING FROM THE USE OF THESE EQUIVALENT PRODUCTS SHALL BE INCLUDED IN THE BASE BID.
9. PROVIDE LEVEL 1 GAS SYSTEM FOR NEW WORK AS SHOWN. COMPLY WITH INTERNATIONAL FUEL AND GAS CODE 2021. SPECIFICATIONS. PROVIDE COMPLYING MATERIAL AND LISTED ALARM PANELS, STATION OUTLETS AND STATION INLETS.

PLUMBING INSULATION NOTES:

DOMESTIC COLD WATER ABOVE GRADE: LIGHT DENSITY, FIBERGLASS PIPE INSULATION, ½" THICK, WITH VAPOR BARRIER JACKET.

DOMESTIC HOT WATER-ABOVE GRADE: LIGHT DENSITY, FIBERGLASS PIPE INSULATION, 1" THICK, WITH GLASS CLOTH JACKET.

STORM AND OVERFLOW PIPES TO BE INSULATED WITH 1" THICK INSULATION.

AT CONTRACTOR'S OPTION FIBERGLASS SNAP ON INSULATION WITH FOAM VAPOR BARRIER MAY BE SUBSTITUTED FOR ABOVE.

PIPING TO BE INSULATED ACCORDING TO 2024 INTERNATIONAL ENERGY CONSERVATION CODE. ANY NEW WATER PIPING SHALL BE INSULATED TO A MINIMUM OF R-3.

RENOVATION LEGEND:

<X>	EXISTING TO REMAIN
<XRL>	EXISTING TO BE RELOCATED
<XD>	EXISTING TO BE REMOVED
<XNL>	EXISTING IN NEW LOCATION
<N>	NEW

GENERAL:

- ## — REFERENCE NOTE SYMBOL
- DETAIL NUMBER / SHEET NUMBER — BUILDING SECTION
- DETAIL NUMBER / SHEET NUMBER — BUILDING ELEVATION
- DETAIL NUMBER / SHEET NUMBER — CALLOUT BOUNDARY
- DETAIL NUMBER / SHEET NUMBER — VIEW REFERENCE CALLOUT
- +X' - X" — MOUNTING HEIGHT DESIGNATION

PLUMBING TAGS:

- MARK / X / X / NUMBER — PLUMBING EQUIPMENT TAG
- RISER / X / NUMBER — RISER TAG
- PIPE SIZE / ##" XX / SYSTEM ABBREVIATION — PIPE DIMENSION TAG
- POINT OF NEW CONNECTION
- POINT OF DISCONNECTION
- VIEW NUMBER / REFERENCE / X X / SHEET NUMBER — REFERENCE TAG

PLUMBING FITTINGS:

- 45° ELBOW
- CAP
- 90° ELBOW
- ELBOW DOWN
- ELBOW UP
- P TRAP
- TEE
- TEE DOWN
- TEE UP
- LATERAL
- UNION
- FLEXIBLE CONNECTION
- PIPE CONTINUATION
- CLEANOUT (CO)
- FLOOR CLEANOUT (FCO)
- WALL CLEANOUT (WCO)
- FLOOR SINK
- XX — DRAIN
  - XX DENOTES THE FOLLOWING
  - (AD) AREA DRAIN
  - (FD) FLOOR DRAIN
  - (HD) HUB DRAIN
  - (RD) ROOF DRAIN

PROJECT APPLICABLE CODES:

BUILDING CODE:	2021 INTERNATIONAL BUILDING CODE (AMENDED)
ENERGY CODE:	2024 INTERNATIONAL ENERGY CODE (AMENDED)
MECHANICAL CODE:	2021 INTERNATIONAL MECHANICAL CODE (AMENDED)
PLUMBING CODE:	2021 INTERNATIONAL PLUMBING CODE (AMENDED)
FIRE PROTECTION CODE:	2012 INTERNATIONAL FIRE CODE (AMENDED)
FUEL AND GAS CODE:	2021 INTERNATIONAL FUEL GAS CODE (AMENDED)

PIPE MATERIAL SCHEDULE

APPLICATION	LOCATION	SIZE	MATERIAL	JOINING METHOD
STORM AND SANITARY WASTE/ VENT	BELOW GRADE	ALL	SCHEDULE 40 ABS	SOLVENT
		ALL	SCHEDULE 40 PVC	
	ABOVE GRADE PLENUM RETURN	ALL	SCHEDULE 40 ABS	SOLVENT HUBLESS
		ALL	CAST IRON	
T&P RELIEF	ALL	ALL	COPPER (TYPE M)	95/5 SOLDER
DOMESTIC WATER IN OR WITHIN 5' OF BUILDING	BELOW GRADE	ALL	COPPER (TYPE K) W/CORROSION-RESISTANT TAPE	LEAD FREE BRAZED
	ABOVE GRADE	ALL	COPPER (TYPE L OR K)	95/5 SOLDER
CONDENSATE	PLENUM RETURN	ALL	COPPER (TYPE M)	95/5 SOLDER
	DUCTED RETURN	ALL	SCHEDULE 40 ABS	SOLVENT
NOTES:	ALL PIPING MATERIAL AND JOINING METHODS CONTINGENT ON AUTHORITY HAVING JURISDICTION APPROVAL. ALL ABS AND PVC PIPING EXPOSED TO SUNLIGHT SHALL BE PROTECTED BY WATER-BASED LATEX PAINT. ALL BLACK STEEL PIPING EXPOSED TO MOISTURE SHALL BE PROTECTED BY RUST-PREVENTATIVE PAINT. ALL PVC PIPING MUST MEET FLAME SPREAD ASTM E84 CERTIFICATION. NO EXCEPTIONS. PLENUM RETURN UTILIZED IN PROJECT, AND THUS ALL PIPING MUST MEET THAT WITHIN PLENUM SPACE. IF PIPING IS NOT RATED, THEN CONTRACTOR TO CARRY COST TO INSULATE ALL PIPING WITH FIRE WRAP INSULATION TO MEET THE ASTM E84 REQUIREMENT BY CODE.			

GENERAL ABBREVIATIONS:

A/E	ARCHITECT/ENGINEER
ABV	ABOVE
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
ALT	ALTERNATE
APPROX	APPROXIMATELY
ARCH	ARCHITECT
AVG	AVERAGE
BFG	BELOW FINAL GRADE
BLDG	BUILDING
CLG	CEILING
DEG-F, °F	DEGREES FAHRENHEIT
DIR	DIRECT
DISC	DISCONNECT
DN	DOWN
EC	ELECTRICAL CONTRACTOR
ELEV	ELEVATION REFERENCE
EM	EMERGENCY
EP	EXPLOSION PROOF
EWC	ELECTRIC WATER COOLER
F	FLUSH
FBO	FURNISHED BY OTHERS
FIXT	FIXTURE
FLA	FULL LOAD AMPS
FLR	FLOOR
FP	FIRE PROTECTION
FS	FLOW SWITCH
GC	GENERAL CONTRACTOR
GRD	GROUND
GYP	GYPSUM BOARD
HVAC	HEATING & VENTILATING - AIR CONDITIONING
HVC	HEATING VENTILATING CONTRACTOR
HW	HEAVYWALL
ID	INDIRECT
IE	INVERT ELEVATION
IL	INTERLOCK
IU	IN UNIT
J-BOX	JUNCTION BOX
LG	LAY-IN GRID
LTG	LIGHTING
LV	LOW VOLTAGE
LVT	LINE VOLTAGE THERMOSTAT
MAX	MAXIMUM
MIN	MINIMUM
MISC	MISCELLANEOUS
MTD	MOUNTED
N/A	NOT APPLICABLE
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
PC	PLUMBING CONTRACTOR
PLBG	PLUMBING CONTRACTOR
RM	ROOM
RQD	REQUIRED
SF	SQUARE FEET
SPEC	SPECIFICATION(S)
SURF	SURFACE
TS	TAMPER SWITCH
TYP	TYPICAL
UG	UNDERGROUND
UNO	UNLESS NOTED OTHERWISE

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ARCHITECT
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P: 309.517.5536
www.legat.com

MEP/FP ENGINEER
RTM Engineering Consultants
5137 Utica Ridge Rd.
Davenport, IA 52807
P: 563.726.6310
www.rtmec.com

MOLINE-COAL VALLEY SCHOOL DISTRICT

2026 FACILITY IMPROVEMENTS

BUTTERWORTH ELEMENTARY SCHOOL
LOGAN ELEMENTARY SCHOOL
WASHINGTON ELEMENTARY SCHOOL
MOLINE HIGH SCHOOL

SIGNATURE

DATE

REVISIONS

NO.	DESCRIPTION	DATE

PROJECT NUMBER	225057.00
DATE OF ISSUE	02.16.2026
DRAWN BY	BMA
REVIEWED BY	MJB

PLUMBING LEGEND

P-000
BIDDING

GENERAL NOTES:

1. REFER TO GENERAL NOTES AND SYMBOLS ON SHEET P-000.
2. REFER TO SHEET P-000 FOR PROJECT SPECIFICATIONS.
3. DRAWINGS ARE TO BE REVIEWED IN FULL DETAIL WITH SPECIFICATIONS. IN THE EVENT THAT THERE IS CROSS DIGRESSION, A REQUEST FOR INFORMATION (RFI) IS TO BE SENT TO THE ENGINEER OF RECORD. AS STATED IN SPECIFICATION DIV 1, THE HIGHER COST OF THE TWO OPTIONS IS TO BE TAKEN AS THE OPTION WHILE AT BID UNLESS CLARIFICATION FROM RFI.
4. ALL PLUMBING SHEETS SHALL BE REVISED AND COORDINATED WITH ALL OTHER TRADES PRIOR TO INSTALLATION.
5. ALL PLENUM MATERIALS SHALL HAVE A FLAME SPREAD INDEX NOT GREATER THAN 25 AND A SMOKE DEVELOPED INDEX NOT GREATER THAN 50 WHEN TESTED WITH ASTEM 384 OR UL 723. PVC VENT PIPING PLENUM SHALL BE FIRE WRAPPED OR MEET PREVIOUS STATEMENT.
6. ON ALL PUBLIC LAVATORIES AND SINKS PROVIDE A.S.S.E. 1070 APPROVED MIXING VALVE TO SUPPLY A MAX 110 DEGREE HOT WATER IN ORDER TO ENSURE SCALDING WILL NOT OCCUR.

 # KEYNOTE

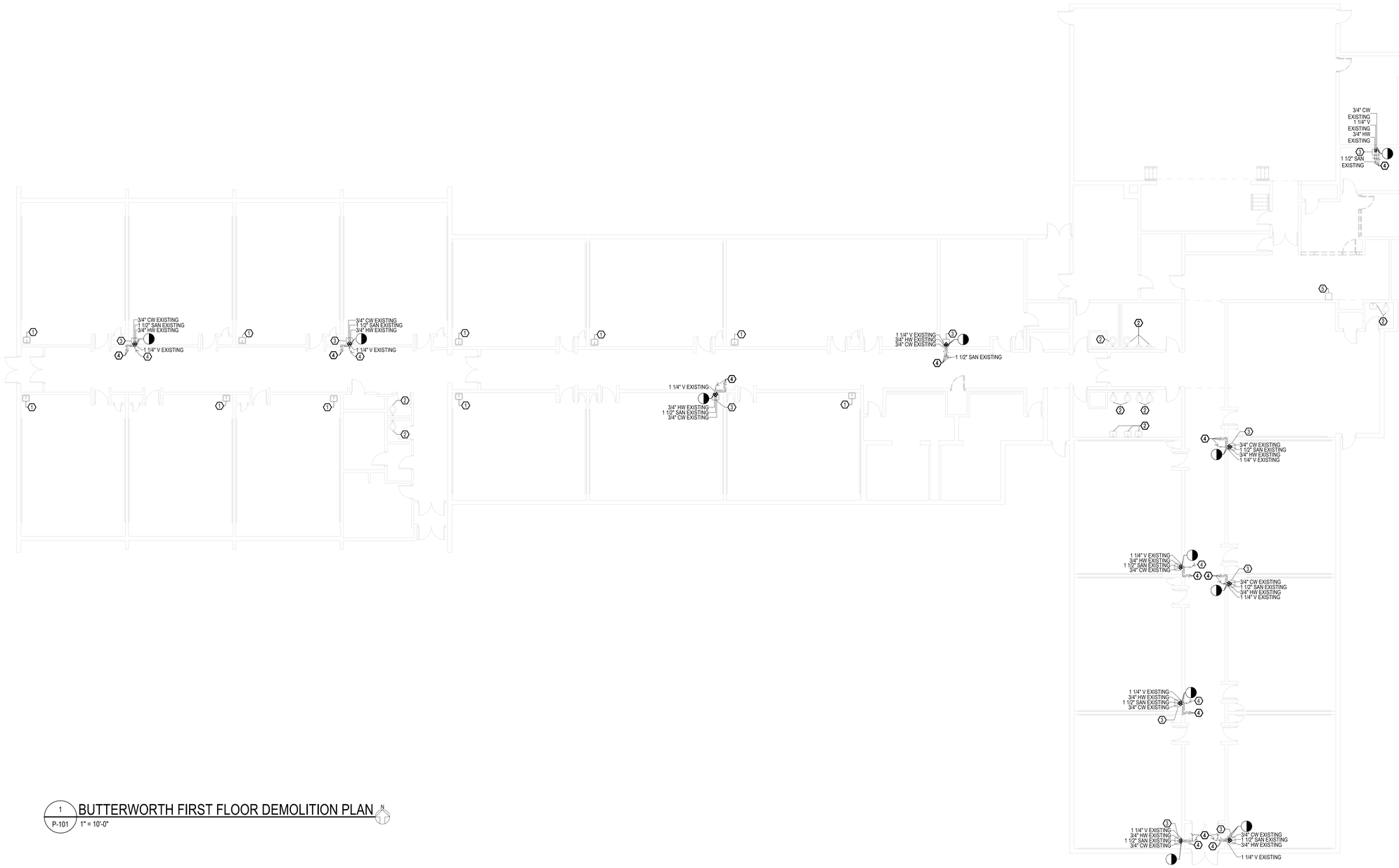
1 EXISTING PLUMBING FIXTURE TO BE DEMOLISHED. DEMOLISH EXISTING CORRESPONDING CW, HW, SANITARY, AND VENT PIPING BACK TO MAIN. CAP ENDS AT MAINS. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.

2 EXISTING PLUMBING FIXTURE TO REMAIN.

3 EXISTING PLUMBING FIXTURE TO BE DEMOLISHED. DEMOLISH EXISTING CORRESPONDING CW, HW, SANITARY, AND VENT PIPING BACK TO DEMOLITION SYMBOLS. PATCH WALL TO MATCH EXISTING. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.

4 EXISTING 3/4" CW, 3/4" HW, 1-1/2" SANITARY, AND 1-1/4" VENT PIPING TO REMAIN. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.

5 EXISTING PLUMBING FIXTURE TO BE DEMOLISHED. DEMOLISH EXISTING CORRESPONDING CW, SANITARY, AND VENT PIPING BACK TO BUILDING MAINS. PATCH WALL TO MATCH EXISTING. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.



1 P-101 BUTTERWORTH FIRST FLOOR DEMOLITION PLAN

1" = 10'-0"

N

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BUTTERWORTH ELEMENTARY SCHOOL
LOGAN ELEMENTARY SCHOOL
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MOLINE HIGH SCHOOL

ARCHITECT

Legat Architects, Inc.

1515 5th Ave, Suite 108
Moline, IL 61265
P: 309.517.5536
www.legat.com

MEP/FP ENGINEER

RTM Engineering Consultants

5137 Utica Ridge Rd.
Davenport, IA 52807
P: 563.726.6310
www.rtmec.com

SIGNATURE

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REVIEWED BY	MJB

BUTTERWORTH ELEMENTARY SCHOOL - PLUMB FIRST FLOOR DEMOLITION PLAN

P-101

BIDDING

GENERAL NOTES:

1. REFER TO GENERAL NOTES AND SYMBOLS ON SHEET P-000.
2. REFER TO SHEET P-000 FOR PROJECT SPECIFICATIONS.
3. DRAWINGS ARE TO BE REVIEWED IN FULL DETAIL WITH SPECIFICATIONS. IN THE EVENT THAT THERE IS CROSS DIGRESSION, A REQUEST FOR INFORMATION (RFI) IS TO BE SENT TO THE ENGINEER OF RECORD. AS STATED IN SPECIFICATION DIV 1, THE HIGHER COST OF THE TWO OPTIONS IS TO BE TAKEN AS THE OPTION WHILE AT BID UNLESS CLARIFICATION FROM RFI.
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5. ALL PLENUM MATERIALS SHALL HAVE A FLAME SPREAD INDEX NOT GREATER THAN 25 AND A SMOKE DEVELOPED INDEX NOT GREATER THAN 50 WHEN TESTED WITH ASTEM 384 OR UL 723. PVC VENT PIPING PLENUM SHALL BE FIRE WRAPPED OR MEET PREVIOUS STATEMENT.
6. ON ALL PUBLIC LAVATORIES AND SINKS PROVIDE A.S.S.E. 1070 APPROVED MIXING VALVE TO SUPPLY A MAX 110 DEGREE HOT WATER IN ORDER TO ENSURE SCALDING WILL NOT OCCUR.

 # KEYNOTE

1 EXISTING PLUMBING FIXTURE TO REMAIN.
2 EXISTING 3/4" CW AND 3/4" HW LINE TO REMAIN. FIELD VERFIY EXISTING CONDITIONS PRIOR TO STARTING WORK.
3 PROVIDE A.S.S.E. 1070 APPROVED MIXING VALVE ON PUBLIC SINKS TO SUPPLY A MAX OF 110 DEGREEE HOT WATER IN ORDER TO ENSURE SCOLDING WILL NOT OCCUR.
4 NEW PLUMBING FIXTURE TO RECONNECT TO EXISTING CW AND HOT WATER LINES IN WALL.



1 / P-102 BUTTERWORTH FIRST FLOOR DOMESTIC WATER PLAN
1" = 10'-0"

LEGAT ARCHITECTS
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MOLINE HIGH SCHOOL

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Legat Architects, Inc.
1515 5th Ave, Suite 108
Moline, IL 61265
P: 309.517.5536
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BUTTERWORTH ELEMENTARY SCHOOL - PLUMB FIRST FLOOR DOM WATER PLAN

P-102

BIDDING

GENERAL NOTES:

1. REFER TO GENERAL NOTES AND SYMBOLS ON SHEET P-000.
2. REFER TO SHEET P-000 FOR PROJECT SPECIFICATIONS.
3. DRAWINGS ARE TO BE REVIEWED IN FULL DETAIL WITH SPECIFICATIONS. IN THE EVENT THAT THERE IS CROSS DIGRESSION, A REQUEST FOR INFORMATION (RFI) IS TO BE SENT TO THE ENGINEER OF RECORD. AS STATED IN SPECIFICATION DIV 1, THE HIGHER COST OF THE TWO OPTIONS IS TO BE TAKEN AS THE OPTION WHILE AT BID UNLESS CLARIFICATION FROM RFI.
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 # KEYNOTE

1 NEW PLUMBING FIXTURE TO RECONNECT TO EXISTING SANITARY AND VENT PIPING. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
2 EXISTING PLUMBING FIXTURE TO REMAIN.
3 EXISTING 1-1/2" SANITARY AND 1-1/4" VENT LINE TO REMAIN. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.



1 / P-103 BUTTERWORTH FIRST FLOOR SANITARY AND VENT PLAN
1" = 10'-0"

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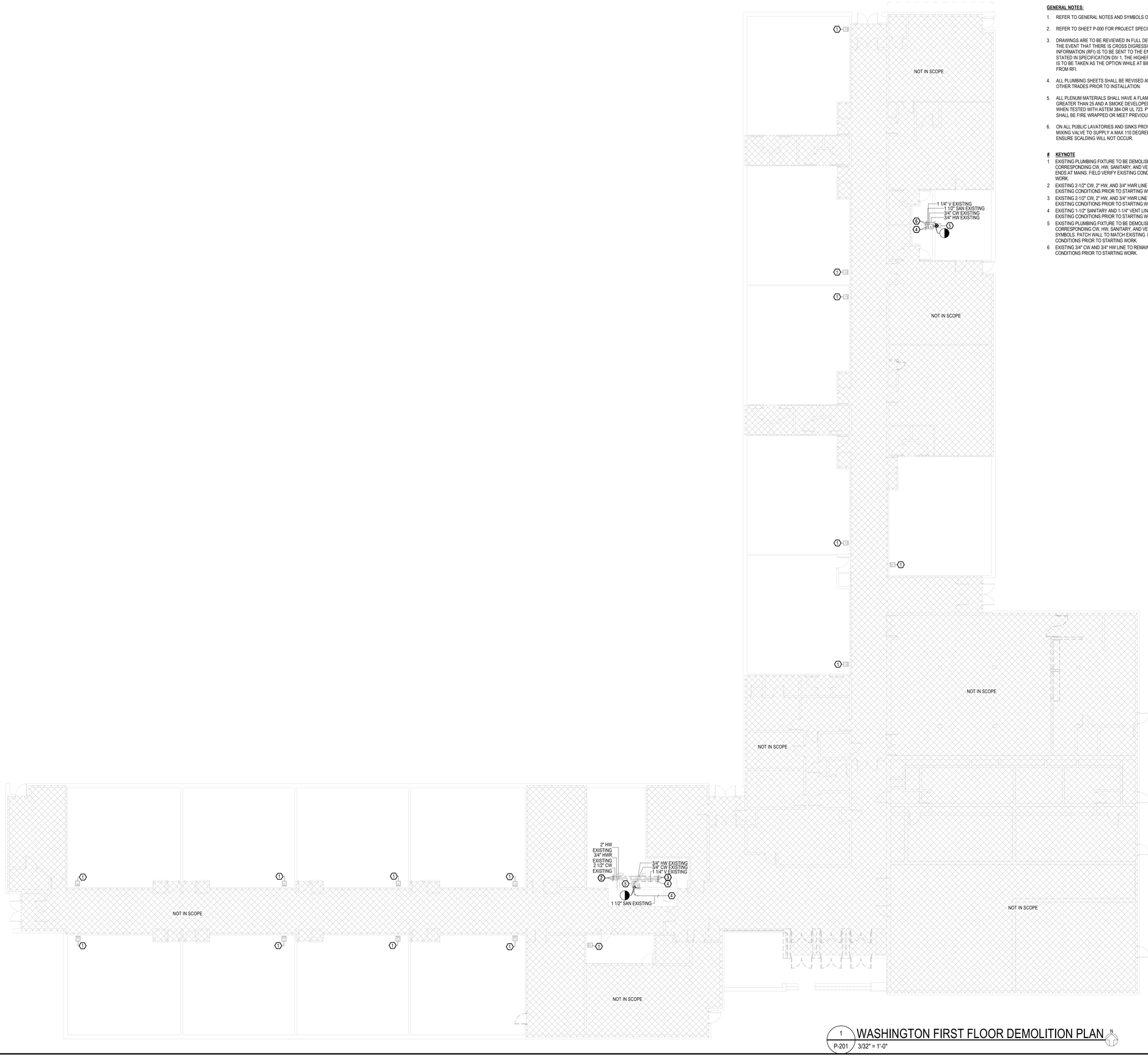
BUTTERWORTH ELEMENTARY SCHOOL - PLUMB FIRST FLOOR SAN AND VENT PLAN

P-103

BIDDING



1 WASHINGTON FIRST FLOOR DEMOLITION PLAN
P-201 3/32" = 1'-0"

GENERAL NOTES:

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2. REFER TO SHEET P-000 FOR PROJECT SPECIFICATIONS.
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 # KEYNOTE

1 EXISTING PLUMBING FIXTURE TO BE DEMOLISHED. DEMOLISH EXISTING CORRESPONDING CW, HW, SANITARY, AND VENT PIPING BACK TO MAIN. CAP ENDS AT MAINS. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
2 EXISTING 2-1/2" CW, 2" HW, AND 3/4" HWR LINE TO REMAIN. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
3 EXISTING 2-1/2" CW, 2" HW, AND 3/4" HWR LINE TO REMAIN. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
4 EXISTING 1-1/2" SANITARY AND 1-1/4" VENT LINE TO REMAIN. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
5 EXISTING PLUMBING FIXTURE TO BE DEMOLISHED. DEMOLISH EXISTING CORRESPONDING CW, HW, SANITARY, AND VENT PIPING BACK TO DEMOLITION SYMBOLS. PATCH WALL TO MATCH EXISTING. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
6 EXISTING 3/4" CW AND 3/4" HW LINE TO REMAIN. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.

LEGAT ARCHITECTS
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT

2026 FACILITY IMPROVEMENTS

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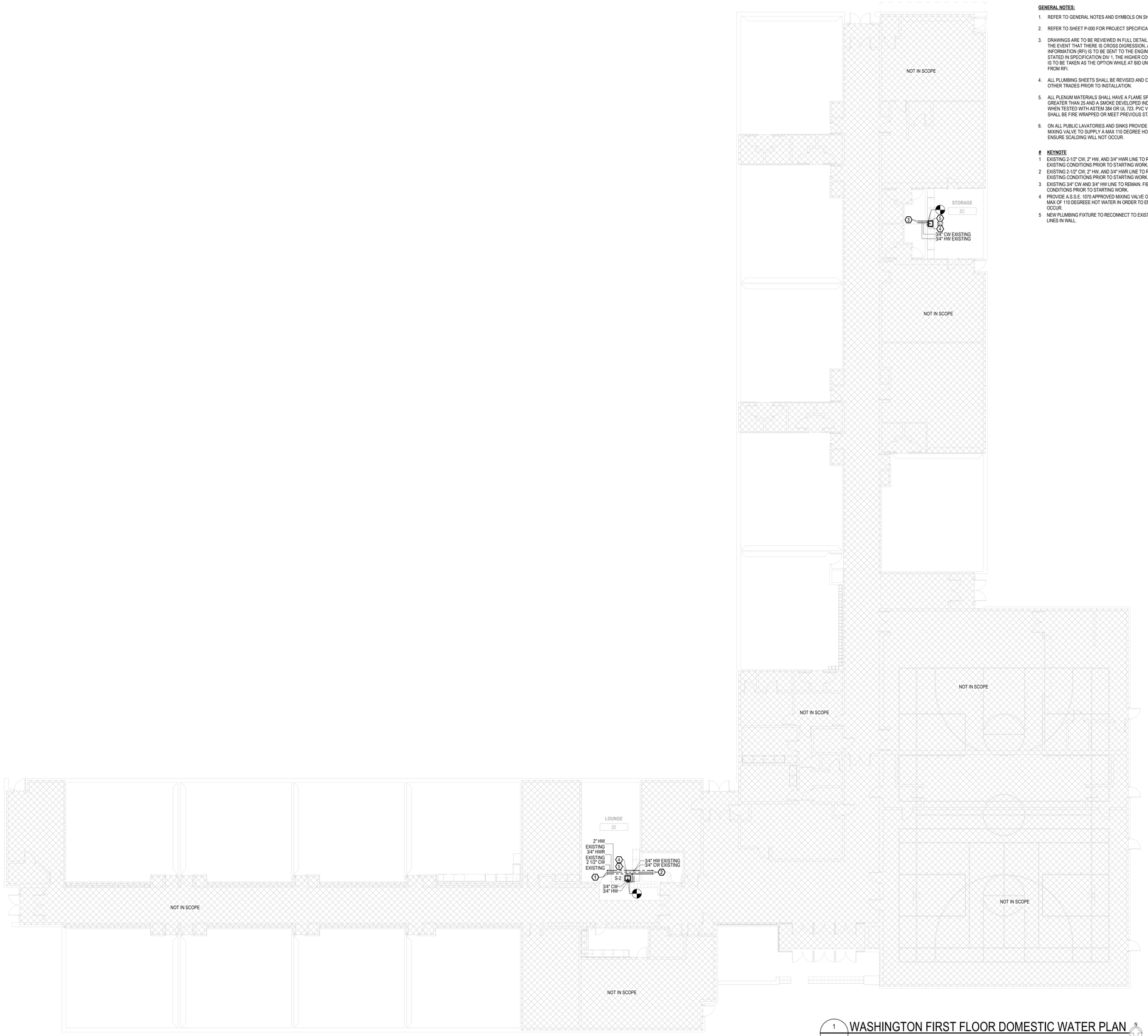
REVIEWED BY	MJB

WASHINGTON ELEMENTARY SCHOOL - PLUMB FIRST FLOOR DEMOLITION PLAN

P-201

BIDDING



1 P-202 WASHINGTON FIRST FLOOR DOMESTIC WATER PLAN
3/32" = 1'-0"

GENERAL NOTES:

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2. REFER TO SHEET P-000 FOR PROJECT SPECIFICATIONS.
3. DRAWINGS ARE TO BE REVIEWED IN FULL DETAIL WITH SPECIFICATIONS. IN THE EVENT THAT THERE IS CROSS DIGRESSION, A REQUEST FOR INFORMATION (RFI) IS TO BE SENT TO THE ENGINEER OF RECORD. AS STATED IN SPECIFICATION DIV 1, THE HIGHER COST OF THE TWO OPTIONS IS TO BE TAKEN AS THE OPTION WHILE AT BID UNLESS CLARIFICATION FROM RFI.
4. ALL PLUMBING SHEETS SHALL BE REVISED AND COORDINATED WITH ALL OTHER TRADES PRIOR TO INSTALLATION.
5. ALL PLENUM MATERIALS SHALL HAVE A FLAME SPREAD INDEX NOT GREATER THAN 25 AND A SMOKE DEVELOPED INDEX NOT GREATER THAN 50 WHEN TESTED WITH ASTEM 384 OR UL 723. PVC VENT PIPING PLENUM SHALL BE FIRE WRAPPED OR MEET PREVIOUS STATEMENT.
6. ON ALL PUBLIC LAVATORIES AND SINKS PROVIDE A.S.S.E. 1070 APPROVED MIXING VALVE TO SUPPLY A MAX 110 DEGREE HOT WATER IN ORDER TO ENSURE SCALDING WILL NOT OCCUR.

 # KEYNOTE

1 EXISTING 2-1/2" CW, 2" HW, AND 3/4" HWR LINE TO REMAIN. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
2 EXISTING 2-1/2" CW, 2" HW, AND 3/4" HWR LINE TO REMAIN. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
3 EXISTING 3/4" CW AND 3/4" HW LINE TO REMAIN. FIELD VERFIY EXISTING CONDITIONS PRIOR TO STARTING WORK.
4 PROVIDE A.S.S.E. 1070 APPROVED MIXING VALVE ON PUBLIC SINKS TO SUPPLY A MAX OF 110 DEGREEE HOT WATER IN ORDER TO ENSURE SCOLDING WILL NOT OCCUR.
5 NEW PLUMBING FIXTURE TO RECONNECT TO EXISTING CW AND HOT WATER LINES IN WALL.

LEGAT ARCHITECTS
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT

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ARCHITECT
Legat Architects, Inc.
1515 5th Ave, Suite 108
Moline, IL 61265
P: 309.517.5536
www.legat.com

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RTM Engineering Consultants
5137 Utica Ridge Rd.
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DRAWN BY	BMA
REVIEWED BY	MJB

WASHINGTON ELEMENTARY SCHOOL - PLUMB FIRST FLOOR DOM WATER PLAN

P-202

BIDDING



GENERAL NOTES:

1. REFER TO GENERAL NOTES AND SYMBOLS ON SHEET P-000.
2. REFER TO SHEET P-000 FOR PROJECT SPECIFICATIONS.
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6. ON ALL PUBLIC LAVATORIES AND SINKS PROVIDE A.S.S.E. 1070 APPROVED MIXING VALVE TO SUPPLY A MAX 110 DEGREE HOT WATER IN ORDER TO ENSURE SCALDING WILL NOT OCCUR.

 # KEYNOTE

1 EXISTING 1-1/2" SANITARY AND 1-1/4" VENT LINE TO REMAIN. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.

2 NEW PLUMBING FIXTURE TO RECONNECT TO EXISTING SANITARY AND VENT LINES IN WALL.

1 P-203 WASHINGTON FIRST FLOOR SANITARY AND VENT PLAN

3/32" = 1'-0"

N

LEGAT ARCHITECTS
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT

2026 FACILITY IMPROVEMENTS

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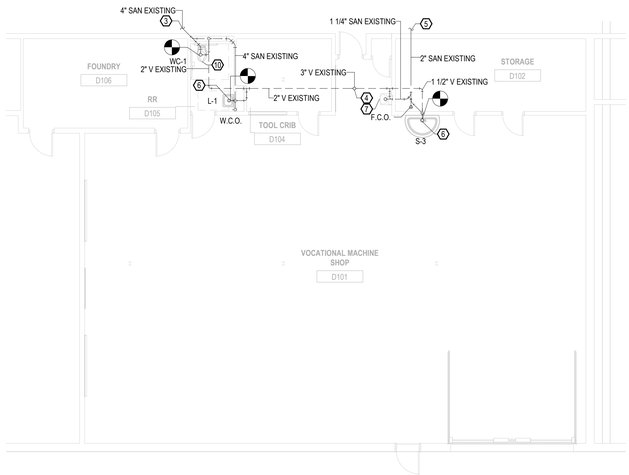
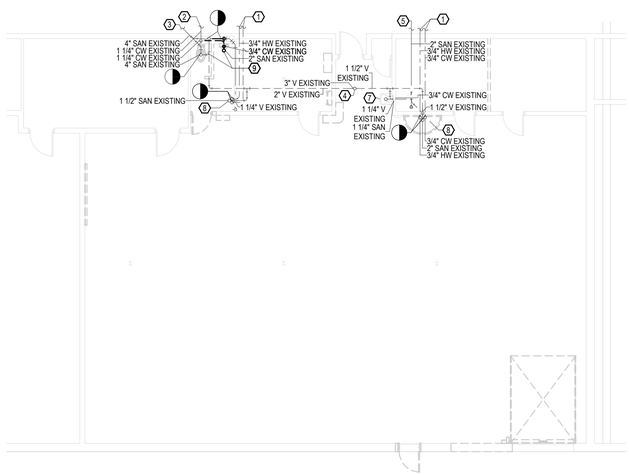
WASHINGTON ELEMENTARY SCHOOL - PLUMB FIRST FLOOR SAN AND VENT PLAN

P-203

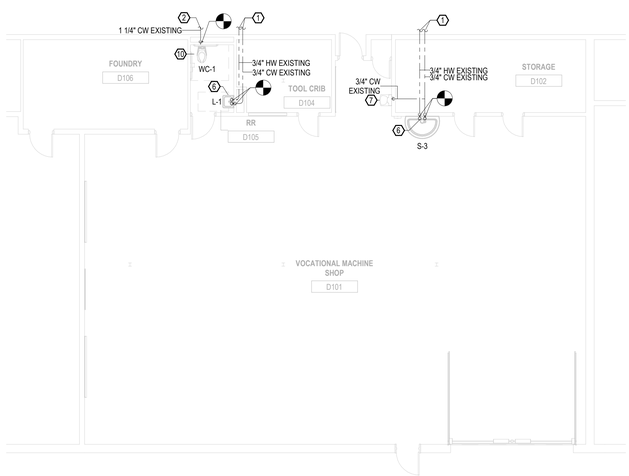
BIDDING



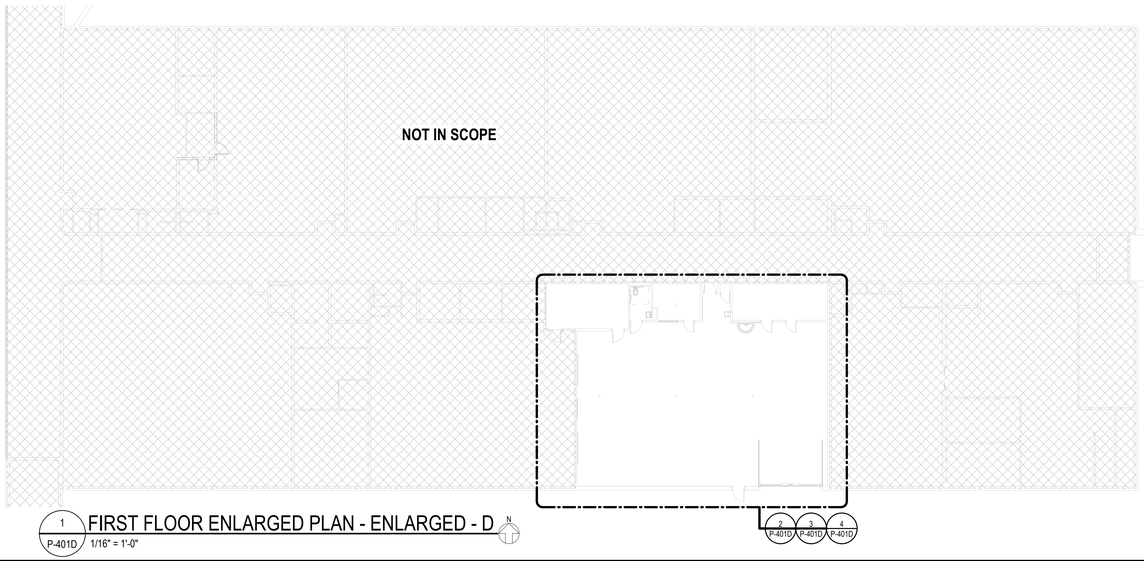
4 FIRST FLOOR SANITARY AND VENT PLAN - ENLARGED - D
P-401D 1/8" = 1'-0"



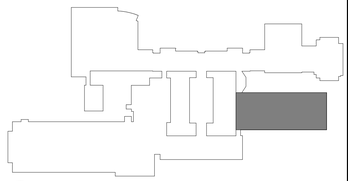
2 FIRST FLOOR DEMOLITION PLAN - ENLARGED - D
P-401D 1/8" = 1'-0"



3 FIRST FLOOR DOMESTIC WATER PLAN - ENLARGED - D
P-401D 1/8" = 1'-0"



1 FIRST FLOOR ENLARGED PLAN - ENLARGED - D
P-401D 1/16" = 1'-0"



6 KEY PLAN
P-401D 1" = 200'-0"

GENERAL NOTES:

1. REFER TO GENERAL NOTES AND SYMBOLS ON SHEET P-000.
2. REFER TO SHEET P-000 FOR PROJECT SPECIFICATIONS.
3. DRAWINGS ARE TO BE REVIEWED IN FULL DETAIL WITH SPECIFICATIONS. IN THE EVENT THAT THERE IS CROSS DIGRESSION, A REQUEST FOR INFORMATION (RFI) IS TO BE SENT TO THE ENGINEER OF RECORD. AS STATED IN SPECIFICATION DIV 1, THE HIGHER COST OF THE TWO OPTIONS IS TO BE TAKEN AS THE OPTION WHILE AT BID UNLESS CLARIFICATION FROM RFI.
4. ALL PLUMBING SHEETS SHALL BE REVISED AND COORDINATED WITH ALL OTHER TRADES PRIOR TO INSTALLATION.
5. ALL PLENUM MATERIALS SHALL HAVE A FLAME SPREAD INDEX NOT GREATER THAN 25 AND A SMOKE DEVELOPED INDEX NOT GREATER THAN 50 WHEN TESTED WITH ASTEM 384 OR UL 723. PVC VENT PIPING PLENUM SHALL BE FIRE WRAPPED OR MEET PREVIOUS STATEMENT.
6. ON ALL PUBLIC LAVATORIES AND SINKS PROVIDE A.S.S.E. 1070 APPROVED MIXING VALVE TO SUPPLY A MAX 110 DEGREE HOT WATER IN ORDER TO ENSURE SCALDING WILL NOT OCCUR.

 # KEYNOTE

1 EXISTING 3/4" CW AND 3/4" HW LINE TO CONTINUE BACK TO BUILDING MAIN TO REMAIN.
2 EXISTING 1-1/4" CW LINE TO CONTINUE BACK TO BUILDING MAIN TO REMAIN.
3 EXISTING 4" SANITARY LINE CONTINUE BACK TO BUILDING MAIN TO REMAIN.
4 EXISTING 3" VENT THROUGH ROOF TO REMAIN.
5 EXISTING 2" SANITARY LINE TO CONTINUE BACK TO BUILDING MAIN TO REMAIN.
6 NEW PLUMBING FIXTURE TO BE INSTALLED IN THE SAME LOCATION AS EXISTING. RECONNECT TO EXISTING CW, HW, SANITARY, AND VENT PIPING.
7 EXISTING PLUMBING FIXTURE TO REMAIN.
8 EXISTING PLUMBING FIXTURE TO BE DEMOLISHED. DEMOLISH EXISTING CORRESPONDING CW, HW, SANITARY, AND VENT PIPING BACK TO DEMOLITION SYMBOLS. PATCH WALL TO MATCH EXISTING. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
9 EXISTING PLUMBING FIXTURE TO BE DEMOLISHED. DEMOLISH EXISTING CORRESPONDING CW, SANITARY, AND VENT PIPING BACK TO DEMOLITION SYMBOLS. PATCH WALL TO MATCH EXISTING. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
10 NEW PLUMBING FIXTURE TO BE INSTALLED IN THE SAME LOCATION AS EXISTING. RECONNECT TO EXISTING CW, SANITARY, AND VENT PIPING.

LEGAT ARCHITECTS
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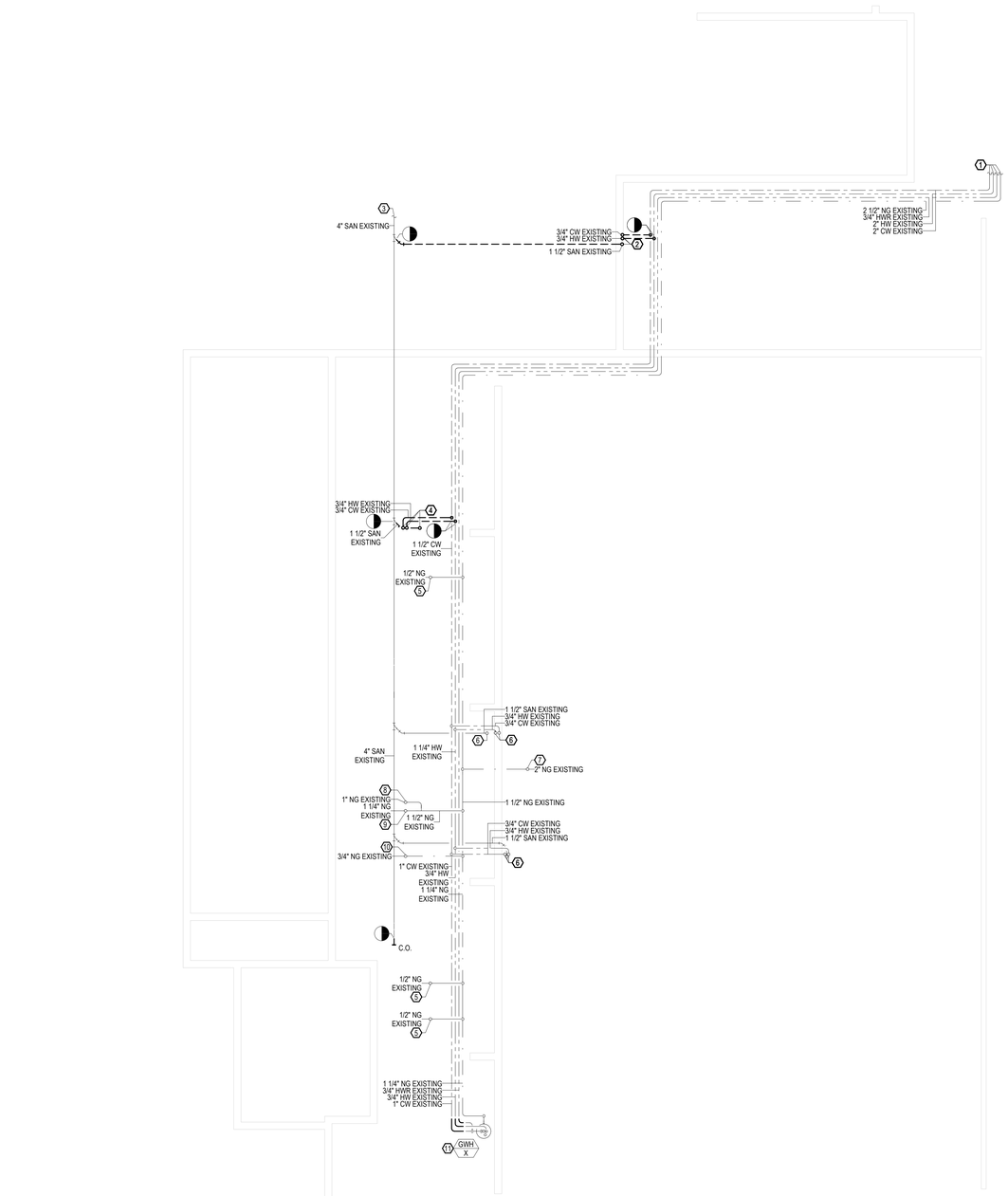
D WING - PLUMBING
FIRST FLOOR DEMO AND NEW PLAN

P-401D

BIDDING



1 / P-402F — TUNNEL DEMOLITION PLAN - ENLARGED - F

1/8" = 1'-0"

GENERAL NOTES:

1. REFER TO GENERAL NOTES AND SYMBOLS ON SHEET P-000.
2. REFER TO SHEET P-000 FOR PROJECT SPECIFICATIONS.
3. DRAWINGS ARE TO BE REVIEWED IN FULL DETAIL WITH SPECIFICATIONS. IN THE EVENT THAT THERE IS CROSS DIGRESSION, A REQUEST FOR INFORMATION (RFI) IS TO BE SENT TO THE ENGINEER OF RECORD. AS STATED IN SPECIFICATION DIV 1, THE HIGHER COST OF THE TWO OPTIONS IS TO BE TAKEN AS THE OPTION WHILE AT BID UNLESS CLARIFICATION FROM RFI.
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6. ON ALL PUBLIC LAVATORIES AND SINKS PROVIDE A.S.S.E. 1070 APPROVED MIXING VALVE TO SUPPLY A MAX 110 DEGREE HOT WATER IN ORDER TO ENSURE SCALDING WILL NOT OCCUR.

#	KEYNOTE
1	EXISTING 2" CW, 2" HW, 3/4" HWR, AND 2-1/2" NG LINE TO CONTINUE BACK TO BUILDING MAIN TO REMAIN. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
2	EXISTING 3/4" CW, 3/4" HW, AND 1-1/2" SANITARY LINE TO CONTINUE UP TO FIRST FLOOR TO BE DEMOLISHED BACK TO PLUMBING FIXTURE. SEE SHEET P-403F FOR MORE INFORMATION. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
3	EXISTING 4" SANITARY LINE CONTINUE BACK TO BUILDING MAIN TO REMAIN.
4	EXISTING 3/4" CW, 3/4" HW, AND 1-1/2" SANITARY LINE UP TO FIRST FLOOR TO BE DEMOLISHED. DEMOLISH EXISTING PIPING BACK TO DEMOLITION SYMBOLS. SEE SHEET P-403F FOR MORE INFORMATION. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
5	EXISTING 1/2" NATURAL GAS LINE TO CONTINUE UP TO FIRST FLOOR TO REMAIN.
6	EXISTING 3/4" CW, 3/4" HW, AND 1-1/2" SANITARY LINE TO CONTINUE UP TO FIRST FLOOR TO REMAIN. SEE SHEET P-403F FOR MORE INFORMATION. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
7	EXISTING 2" NATURAL GAS LINE TO CONTINUE UP TO FIRST FLOOR TO REMAIN. SEE SHEET P-403F FOR MORE INFORMATION. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
8	EXISTING 1" NATURAL GAS LINE TO CONTINUE UP TO FIRST FLOOR TO REMAIN.
9	EXISTING 1-1/4" NATURAL GAS LINE TO CONTINUE UP TO FIRST FLOOR TO REMAIN.
10	EXISTING 3/4" NATURAL GAS LINE TO CONTINUE UP TO FIRST FLOOR TO REMAIN.
11	EXISTING WATER HEATER TO REMAIN.



KEY PLAN

1" = 200'-0"

LEGAT ARCHITECTS
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT

2026 FACILITY IMPROVEMENTS

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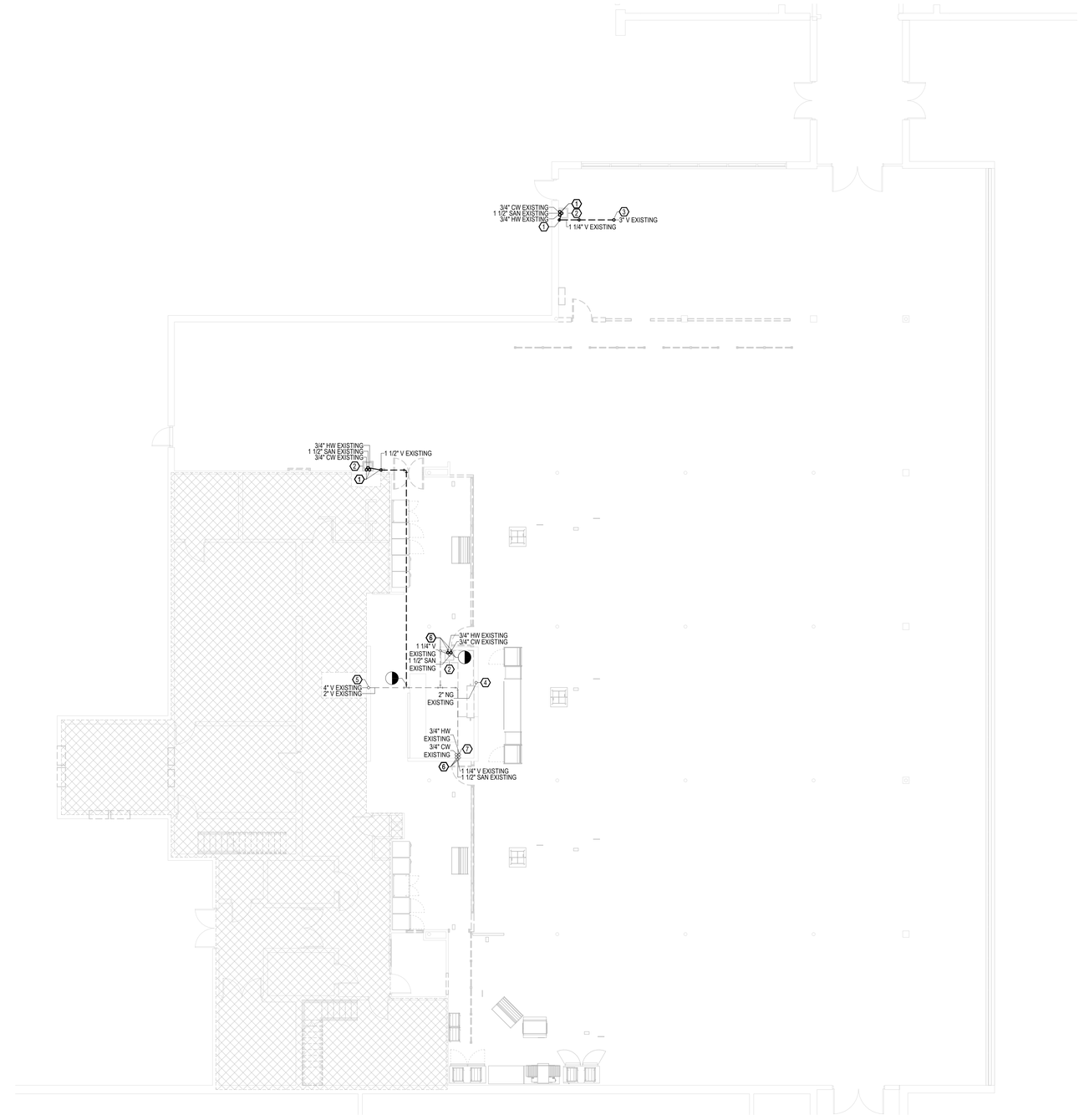
REVIEWED BY	MJB

WING F - PLUMBING TUNNEL DEMOLITION PLAN

P-402F

BIDDING



1 / P-403F — FIRST FLOOR DEMOLITION PLAN - ENLARGED - F

1/8" = 1'-0"

N

GENERAL NOTES:

1. REFER TO GENERAL NOTES AND SYMBOLS ON SHEET P-000.
2. REFER TO SHEET P-000 FOR PROJECT SPECIFICATIONS.
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6. ON ALL PUBLIC LAVATORIES AND SINKS PROVIDE A.S.S.E. 1070 APPROVED MIXING VALVE TO SUPPLY A MAX 110 DEGREE HOT WATER IN ORDER TO ENSURE SCALDING WILL NOT OCCUR.

#	KEYNOTE
1	EXISTING 3/4" CW, 3/4" HW, AND 1-1/2" SANITARY LINE UP FROM TUNNEL SPACE TO BE DEMOLISHED BACK TO BUILDING MAIN. PATCH FLOOR TO MATCH EXISTING. SEE SHEET P-402F FOR MORE INFORMATION. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
2	EXISTING PLUMBING FIXTURE TO BE DEMOLISHED. DEMOLISH EXISTING CORRESPONDING CW, HW, SANITARY, AND VENT PIPING BACK TO DEMOLITION SYMBOLS. PATCH WALL TO MATCH EXISTING. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
3	EXISTING 3" VENT THROUGH ROOF TO BE DEMOLISHED. PATCH ROOF TO MATCH EXISTING. SEE SHEET P-404F FOR MORE INFORMATION. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
4	EXISTING 2" NATURAL GAS LINE TO CONTINUE UP TO ROOF TO REMAIN. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
5	EXISTING 4" VENT THROUGH ROOF TO REMAIN. SEE SHEET P-404F FOR MORE INFORMATION. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
6	EXISTING 3/4" CW, 3/4" HW, AND 1-1/2" SANITARY LINE UP FROM TUNNEL SPACE TO REMAIN. SEE SHEET P-402F FOR MORE INFORMATION. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
7	EXISTING PLUMBING FIXTURE TO REMAIN.



KEY PLAN

1" = 200'-0"

LEGAT ARCHITECTS
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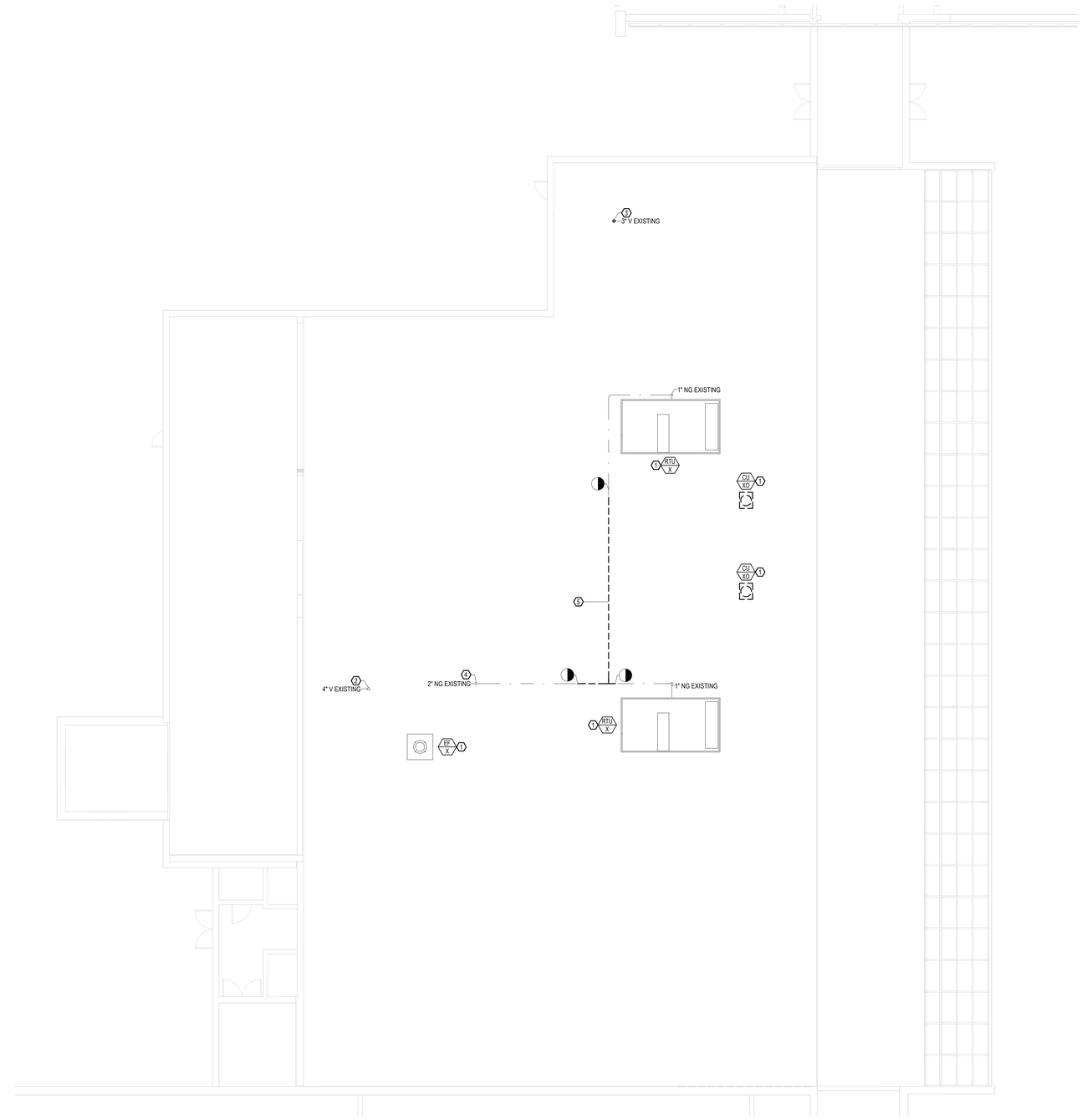
WING F - PLUMBING
FIRST FLOOR
DEMOLITION PLAN

P-403F

BIDDING



1 P-404F ROOF DEMOLITION PLAN - ENLARGED - F
1/8" = 1'-0"



KEY PLAN
1" = 200'-0"

GENERAL NOTES:

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6. ON ALL PUBLIC LAVATORIES AND SINKS PROVIDE A.S.S.E. 1070 APPROVED MIXING VALVE TO SUPPLY A MAX 110 DEGREE HOT WATER IN ORDER TO ENSURE SCALDING WILL NOT OCCUR.

#	KEYNOTE
1	MECHANICAL EQUIPMENT SHOWN AS REFERENCE ONLY. SEE MECHANICAL SHEETS FOR MORE INFORMATION.
2	EXISTING 4" VENT THROUGH ROOF TO REMAIN. SEE SHEET P-403F FOR MORE INFORMATION. FIELD VERIFY EXISTING CONDITIONS PROIR TO STARTING WORK.
3	EXISTING 3" VENT THROUGH ROOF TO BE DEMOLISHED. PATCH ROOF TO MATCH EXISTING. SEE SHEET P-403F FOR MORE INFORMATION. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
4	EXISTING 2" NATURAL GAS LINE UP FROM FIRST FLOOR TO REMAIN. SEE SHEET P-403F FOR MORE INFORMATION. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
5	EXISTING 1" NATURAL GAS LINE TO BE DEMOLISHED. DEMOLISH PIPE BACK TO DEMOLITION SYMBOLS.

LEGAT ARCHITECTS
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT

2026 FACILITY IMPROVEMENTS

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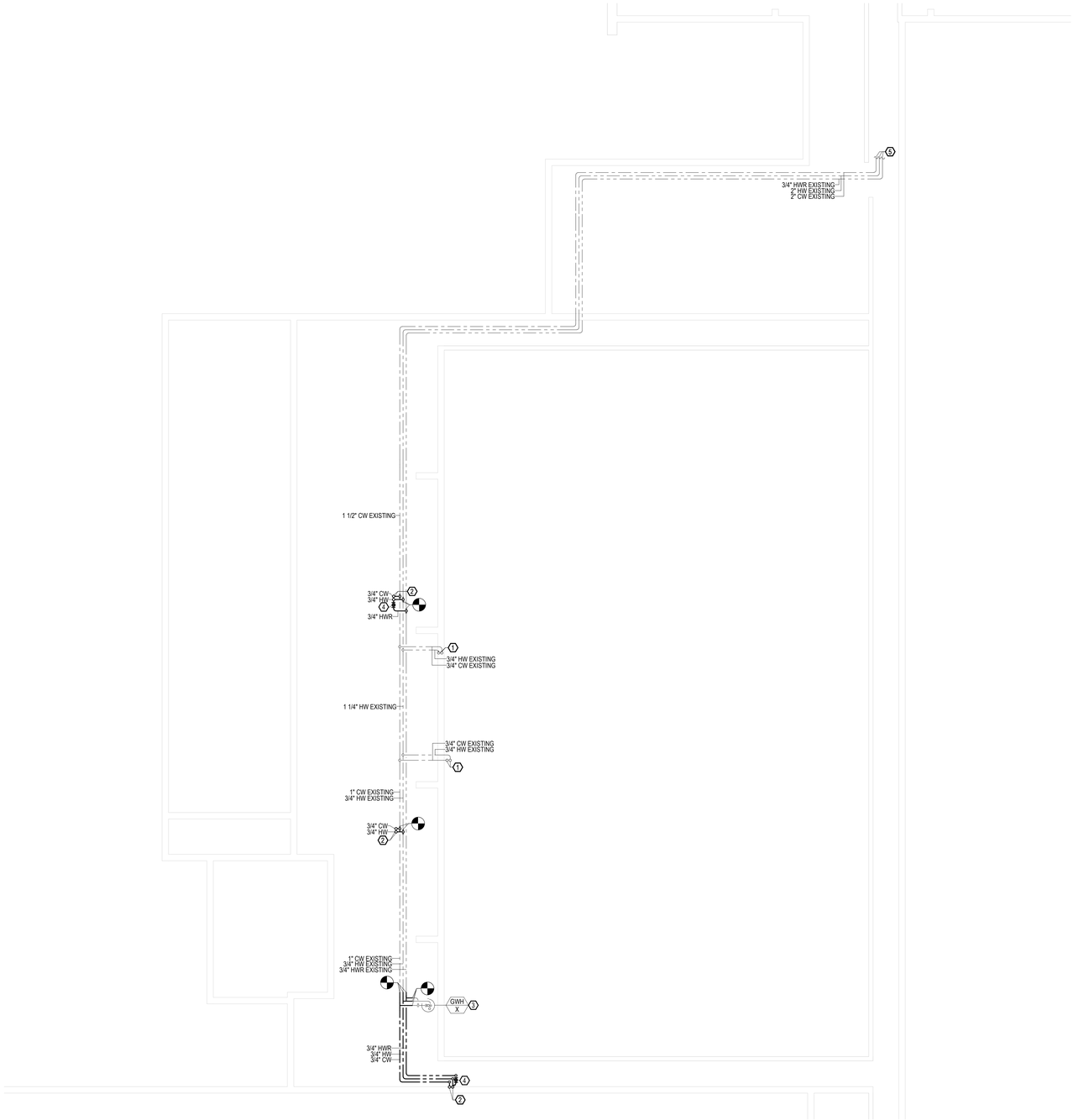
WING F - PLUMBING
ROOF DEMOLITION PLAN

P-404F

BIDDING



1 / P-405F TUNNEL DOMESTIC WATER PLAN - ENLARGED - F

1/8" = 1'-0"

N

GENERAL NOTES:

1. REFER TO GENERAL NOTES AND SYMBOLS ON SHEET P-000.
2. REFER TO SHEET P-000 FOR PROJECT SPECIFICATIONS.
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5. ALL PLENUM MATERIALS SHALL HAVE A FLAME SPREAD INDEX NOT GREATER THAN 25 AND A SMOKE DEVELOPED INDEX NOT GREATER THAN 50 WHEN TESTED WITH ASTEM 384 OR UL 723. PVC VENT PIPING PLENUM SHALL BE FIRE WRAPPED OR MEET PREVIOUS STATEMENT.
6. ON ALL PUBLIC LAVATORIES AND SINKS PROVIDE A.S.S.E. 1070 APPROVED MIXING VALVE TO SUPPLY A MAX 110 DEGREE HOT WATER IN ORDER TO ENSURE SCALDING WILL NOT OCCUR.

#	KEYNOTE
1	EXISTING 3/4" CW AND 3/4" HW LINES TO CONTINUE UP TO FIRST FLOOR TO REMAIN. SEE SHEET P-406F FOR MORE INFORMATION.
2	NEW 3/4" CW AND 3/4" HW LINE TO CONTINUE UP TO FIRST FLOOR. SEE SHEET P-406F FOR MORE INFORMATION.
3	EXISTING WATER HEATER TO REMAIN.
4	INSTALL 3/4" BALANCING VALVE ON HOT WATER RETURN LINE PRIO TO CONNECTION TO HOT WATER LINE.
5	EXISTING 2" CW, 2" HW, AND 3/4" HWR LINE TO CONTINUE BACK TO BUILDING MAIN TO REMAIN. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.



KEY PLAN

1" = 200'-0"

LEGAT ARCHITECTS
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT

2026 FACILITY IMPROVEMENTS

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REVIEWED BY	MJB

WING F - PLUMBING TUNNEL DOMESTIC WATER PLAN

P-405F

BIDDING



1 / P-406F — FIRST FLOOR DOMESTIC WATER PLAN - ENLARGED - F
1/8" = 1'-0"

GENERAL NOTES:

1. REFER TO GENERAL NOTES AND SYMBOLS ON SHEET P-000.
2. REFER TO SHEET P-000 FOR PROJECT SPECIFICATIONS.
3. DRAWINGS ARE TO BE REVIEWED IN FULL DETAIL WITH SPECIFICATIONS. IN THE EVENT THAT THERE IS CROSS DIGRESSION, A REQUEST FOR INFORMATION (RFI) IS TO BE SENT TO THE ENGINEER OF RECORD. AS STATED IN SPECIFICATION DIV 1, THE HIGHER COST OF THE TWO OPTIONS IS TO BE TAKEN AS THE OPTION WHILE AT BID UNLESS CLARIFICATION FROM RFI.
4. ALL PLUMBING SHEETS SHALL BE REVISED AND COORDINATED WITH ALL OTHER TRADES PRIOR TO INSTALLATION.
5. ALL PLENUM MATERIALS SHALL HAVE A FLAME SPREAD INDEX NOT GREATER THAN 25 AND A SMOKE DEVELOPED INDEX NOT GREATER THAN 50 WHEN TESTED WITH ASTEM 384 OR UL 723. PVC VENT PIPING PLENUM SHALL BE FIRE WRAPPED OR MEET PREVIOUS STATEMENT.
6. ON ALL PUBLIC LAVATORIES AND SINKS PROVIDE A.S.S.E. 1070 APPROVED MIXING VALVE TO SUPPLY A MAX 110 DEGREE HOT WATER IN ORDER TO ENSURE SCALDING WILL NOT OCCUR.

#	KEYNOTE
1	PROVIDE WITH A.S.S.E. 1070 APPROVED TMV TO SUPPLY A MAXIMUM OF 110 DEGREE HOT WATER ON PUBLIC LAVATORIES/SINKS TO ENSURE SCOLDING WILL NOT OCCUR.
2	NEW 3/4" CW AND 3/4" HW LINE UP FROM TUNNEL SPACE. SEE SHEET P-405F FOR MORE INFORMATION.
3	EXISTING 3/4" CW AND 3/4" HW LINES UP FROM TUNNEL SPACE TO REMAIN. SEE SHEET P-405F FOR MORE INFORMATION.
4	EXISTING PLUMBING FIXTURE TO REMAIN.
5	PROVIDE A.S.S.E. 1070 APPROVED MIXING VALVE ON PUBLIC SINKS TO SUPPLY A MAX OF 110 DEGREEE HOT WATER IN ORDER TO ENSURE SCOLDING WILL NOT OCCUR.
6	NEW PLUMBING FIXTURE TO RECONNECT TO EXISTING CW AND HOT WATER LINES IN WALL.



KEY PLAN
1" = 200'-0"

LEGAT ARCHITECTS
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT

2026 FACILITY IMPROVEMENTS

BUTTERWORTH ELEMENTARY SCHOOL
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ARCHITECT
Legat Architects, Inc.
1515 5th Ave, Suite 108
Moline, IL 61265
P: 309.517.5536
www.legat.com

MEP/FP ENGINEER
RTM Engineering Consultants
5137 Utica Ridge Rd.
Davenport, IA 52807
P: 563.726.6310
www.rtmec.com

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NO.	DESCRIPTION	DATE

PROJECT NUMBER	225057.00
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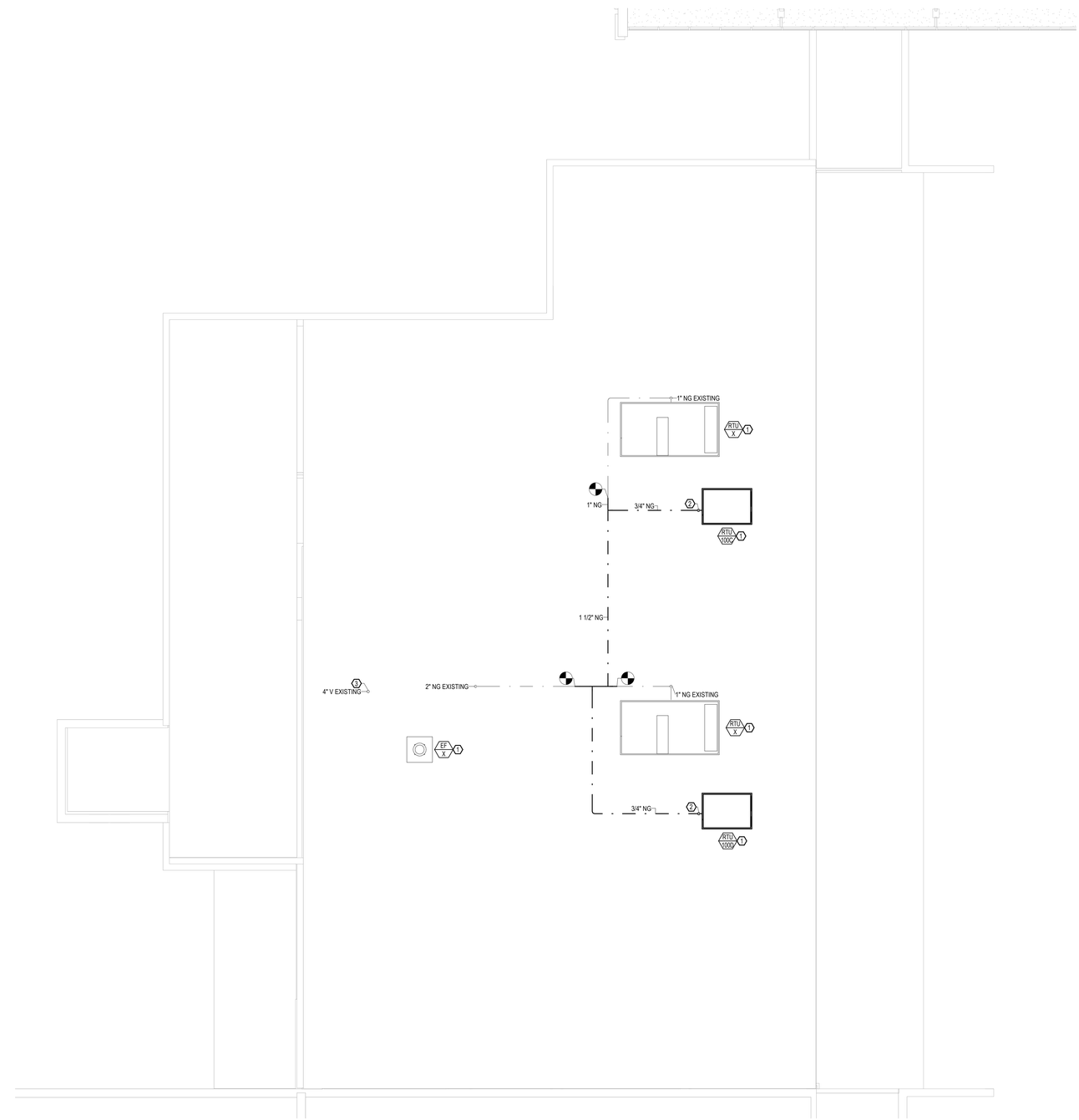
REVIEWED BY	MJB

WING F - PLUMBING
FIRST FLOOR DOMESTIC WATER PLAN

P-406F

BIDDING



1 P-407F PLUMBING ROOF PLAN - ENLARGED - F
1/8" = 1'-0"

GENERAL NOTES:

1. REFER TO GENERAL NOTES AND SYMBOLS ON SHEET P-000.
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4. ALL PLUMBING SHEETS SHALL BE REVISED AND COORDINATED WITH ALL OTHER TRADES PRIOR TO INSTALLATION.
5. ALL PLENUM MATERIALS SHALL HAVE A FLAME SPREAD INDEX NOT GREATER THAN 25 AND A SMOKE DEVELOPED INDEX NOT GREATER THAN 50 WHEN TESTED WITH ASTEM 384 OR UL 723. PVC VENT PIPING PLENUM SHALL BE FIRE WRAPPED OR MEET PREVIOUS STATEMENT.
6. ON ALL PUBLIC LAVATORIES AND SINKS PROVIDE A.S.S.E. 1070 APPROVED MIXING VALVE TO SUPPLY A MAX 110 DEGREE HOT WATER IN ORDER TO ENSURE SCALDING WILL NOT OCCUR.

 # KEYNOTE

1 MECHANICAL EQUIPMENT SHOWN AS REFERENCE ONLY. SEE MECHANICAL SHEETS FOR MORE INFORMATION.
2 NEW 3/4" NATURAL GAS LINE TO CONNECT TO ROOFTOP UNIT. PROVIDE WITH PRESSURE REGULATOR, DIRT LEG, AND SHUT OFF VALVE PRIOR TO CONNECTION TO RTU.
3 EXISTING 4" VENT THROUGH ROOF TO REMAIN. SEE SHEET P-409F FOR MORE INFORMATION.



KEY PLAN
1" = 200'-0"

LEGAT ARCHITECTS
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT

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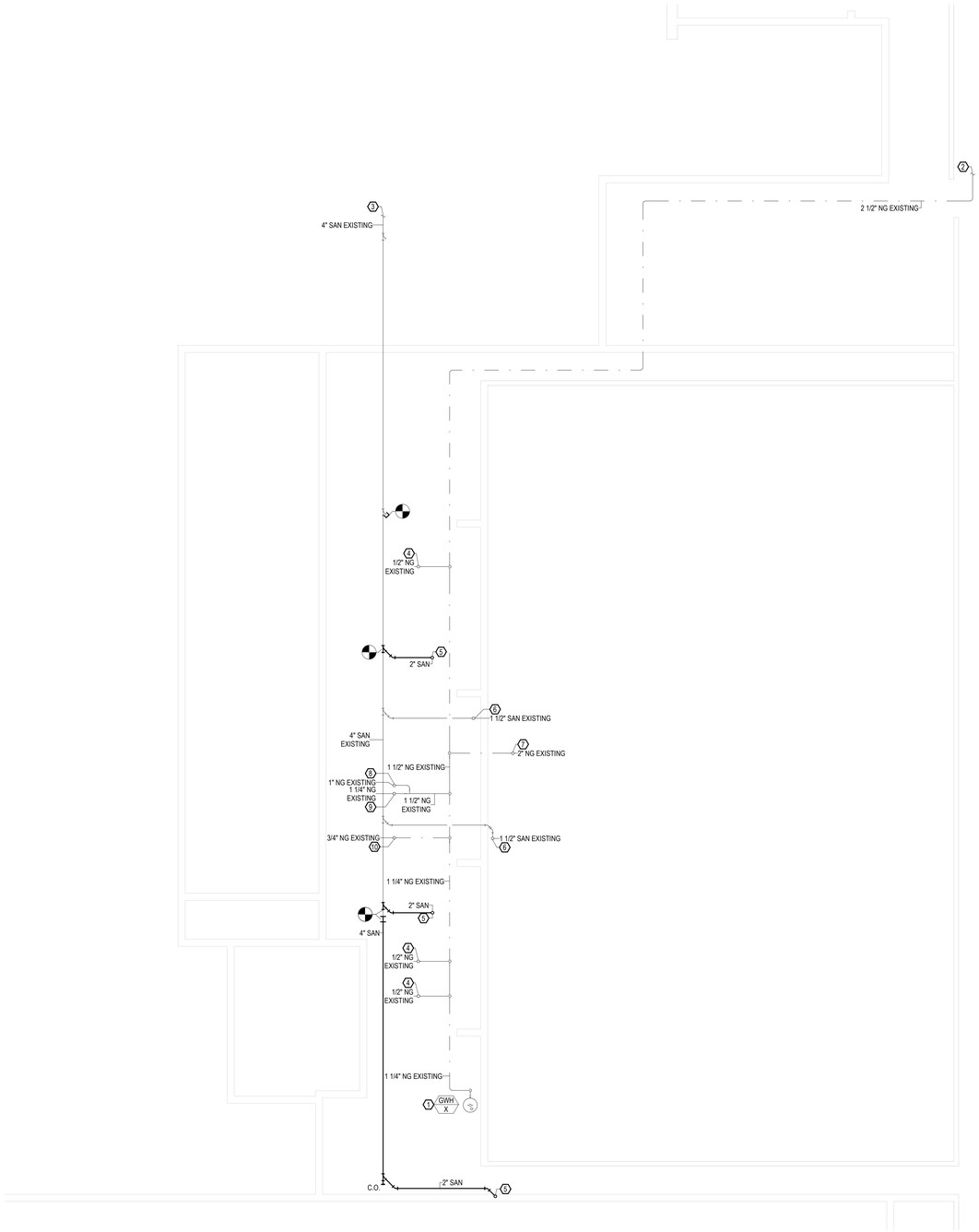
WING F - PLUMBING ROOF PLAN

P-407F

BIDDING



1 P-408F TUNNEL SANITARY, VENT, AND GAS PLAN - ENLARGED - F

1/8" = 1'-0"

N

GENERAL NOTES:

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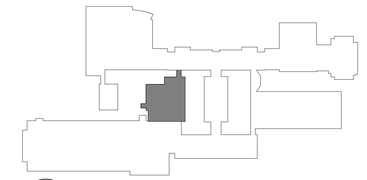
6. ON ALL PUBLIC LAVATORIES AND SINKS PROVIDE A.S.S.E. 1070 APPROVED MIXING VALVE TO SUPPLY A MAX 110 DEGREE HOT WATER IN ORDER TO ENSURE SCALDING WILL NOT OCCUR.

#	KEYNOTE
1	EXISTING WATER HEATER TO REMAIN.
2	EXISTING 2-1/2" NG LINE TO CONTINUE BACK TO BUILDING MAIN TO REMAIN.
3	EXISTING 4" SANITARY LINE CONTINUE BACK TO BUILDING MAIN TO REMAIN.
4	EXISTING 1/2" NATURAL GAS LINE TO CONTINUE UP TO FIRST FLOOR TO REMAIN.
5	NEW 2" SANITARY LINE DOWN FROM FIRST FLOOR. SEE SHEET P-409F FOR MORE INFORMATION.
6	EXISTING 1-1/2" SANITARY LINE DOWN FROM FIRST FLOOR TO REMAIN. SEE SHEET P-409F FOR MORE INFORMATION.
7	EXISTING 2" NATURAL GAS LINE TO CONTINUE UP TO FIRST FLOOR TO REMAIN. SEE SHEET P-409F FOR MORE INFORMATION.
8	EXISTING 1" NATURAL GAS LINE TO CONTINUE UP TO FIRST FLOOR TO REMAIN.
9	EXISTING 1-1/4" NATURAL GAS LINE TO CONTINUE UP TO FIRST FLOOR TO REMAIN.
10	EXISTING 3/4" NATURAL GAS LINE TO CONTINUE UP TO FIRST FLOOR TO REMAIN.



KEY PLAN

1" = 200'-0"

LEGAT ARCHITECTS
Design with a Difference

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REVIEWED BY	MJB

WING F - PLUMBING TUNNEL SANITARY, VENT AND GAS PLAN

P-408F

BIDDING

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 # KEYNOTE

1 EXISTING PLUMBING FIXTURE TO REMAIN.
2 EXISTING 4" VENT THROUGH ROOF TO REMAIN. SEE SHEET P-407F FOR MORE INFORMATION.
3 NEW 2" SANITARY LINE TO CONTINUE DOWN TO TUNNEL SPACE. SEE SHEET P-408F FOR MORE INFORMATION.
4 EXISTING 2" NATURAL GAS LINE TO CONTINUE UP TO ROOF TO REMAIN. SEE SHEET P-407F FOR MORE INFORMATION.
5 NEW PLUMBING FIXTURE TO RECONNECT TO EXISTING SANITARY AND VENT LINES IN WALL.



1 / P-409F FIRST FLOOR SANITARY AND VENT PLAN - ENLARGED - F
1/8" = 1'-0"



KEY PLAN
1" = 200'-0"

LEGAT ARCHITECTS
Design with a Difference

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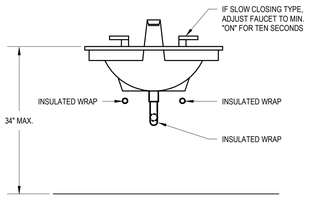
WING F - PLUMBING
FIRST FLOOR SANITARY, VENT AND GAS PLAN

P-409F

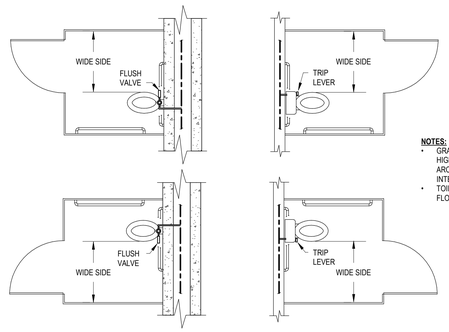
BIDDING

FIXTURE UNIT SCHEDULE

TAG	DESCRIPTION	CONNECTION SIZE (IN)				DFU		CWFU	HWFU	TOTAL WSFU		MANUFACTURER	MODEL NO.	REMARKS
		WASTE	VENT	CW	HW	FIXTURE	TOTAL	FIXTURE	FIXTURE	FIXTURE	TOTAL			
L-1	LAVATORY - WALL MOUNT, VITREOUS CHINA	1 1/4"	1 1/4"	1/2"	1/2"	1	1	1	1	1.5	1.5	AMERICAN STANDARD	LUCERNE	VITEROUS CHINA, 4" CENTER SET FAUCET TO BE CHIAGO FAUCETS EVR-A12D-63ABCPT, AUTOMATIC, HARDWIRED, 0.5 GPM. PROVIDE WITH A.S.S.E. 1070 APPROVED TMV.
S-1	SINK - SINGLE BASIN, WALL MOUNTED	1 1/2"	1 1/2"	1/2"	1/2"	2	8	1	1	1.5	6	ADVANCED TABCO	7-PS-87	STAINLESS STEEL SINGLE BASIN WALL MOUNTED SINK. PROVIDE WITH ONE FAUCET. FAUCET TO BE ADVANCED TABCO K-316. PROVIDE WITH ASSE APPROVED TMV.
S-2	SINK - DROP IN, ADA	1 1/2"	1 1/2"	1/2"	1/2"	2	26	1	1	1.5	19.5	ELKAY	LRAD312265PD	MOUNT AT ADA HEIGHT, STAINLESS STEEL, DROP-IN, MAX DEPTH 5-1/2", FAUCET TO BE DELTA B2891LF, MANUAL, 0.5 GPM. PROVIDE WITH ASSE APPROVED TMV.
S-3	SINK - SEMI-CIRCLE WASHFOUNTAIN	1 1/2"	1 1/2"	1/2"	1/2"	2	2	1	1	1.5	1.5	BRADLEY	SN2004	MOUNT AT ADA HEIGHT, WASH FOUNTAIN, NO TOWEL OR SOAP DISPENSER. FAUCET TO BE PROVIDED WITH WASH FOUNTAIN, AUTOMATIC HARDWIRED FAUCET. SHROUD TO BE INSTALLED TO CONCEAL PLUMBING, COLOR TO BE APPROVED BY ARCHITECT.
WC-1	WATER CLOSET - ADA, FLOOR MOUNTED, FLUSH VALVE	4"	2"	1"		8	8	10	0	10	10	AMERICAN STANDARD	MADERA	FLOOR MOUNTED FLUSH VALVE WATER CLOSET 1.28 GPF. TO BE PROVIDED WITH MANUAL, 1.28 GPF AMERICAN STANDARD FLUSH VALVE MODEL 6047.121.002. TO BE MOUNTED AT ADA HEIGHT. COORDINATE HEIGHT WITH ARCHITECTURAL PLANS. MODEL 6047.121.002. PROVIDE OPEN FRONT SEATS FOR ALL TOILETS. FINISH TO BE WHITE
							45				38.5			

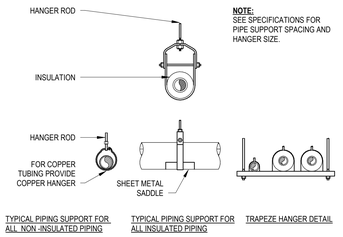


4 P-500 ADA COMPLYING LAVATORY INSTALLATION
SCALE: N.T.S.



NOTES:
- GRAB BAR HEIGHT NOT TO EXCEED 44 INCHES HIGH. COORDINATE ALTERNATE HEIGHT WITH ARCHITECT OR CONTRACTOR FOR GRAB BAR INTERFERENCE.
- TOILET SEAT HEIGHT TO BE BETWEEN 17" - 19" OFF FLOOR.

3 P-500 ADA COMPLYING WATER - CLOSET INSTALLATION
SCALE: N.T.S.



NOTE:
SEE SPECIFICATIONS FOR PIPE SUPPORT SPACING AND HANGER SIZE.

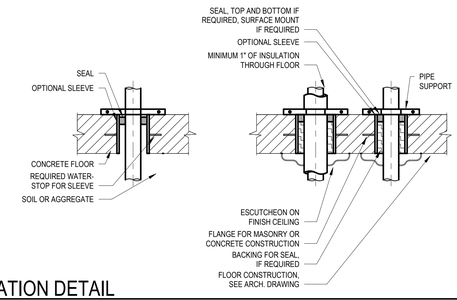
2 P-500 PIPE SUPPORT DETAIL
SCALE: N.T.S.

LISTED FIRE-STOP SYSTEM SHALL BE ON FIRE-RESISTIVE CONSTRUCTION. INSTALLATION SHALL COMPLY WITHIN THE LIMITATION OF THE LISTING AND MEET REQUIRED F-RATING AND T-RATING.

WATERTIGHT SEAL SHALL BE REQUIRED FOR PENETRATION THROUGH FLOOR AGAINST SOIL OR AGGREGATE.

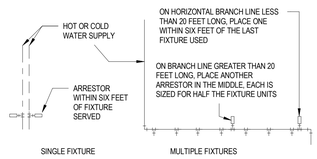
SMOKE BARRIERS AND ALL OTHER PENETRATIONS, PROVIDE SEAL AS INDICATED IN SPEC.

SEE SPEC. FOR CUTTING, PATCHING, PENETRATION SEAL, SLEEVES, EXCAVATION AND BACKFILLING.



1 P-500 FLOOR PENETRATION DETAIL
SCALE: N.T.S.

8 P-500 WALL CLEANOUT DETAIL
SCALE: N.T.S.



SINGLE FIXTURE

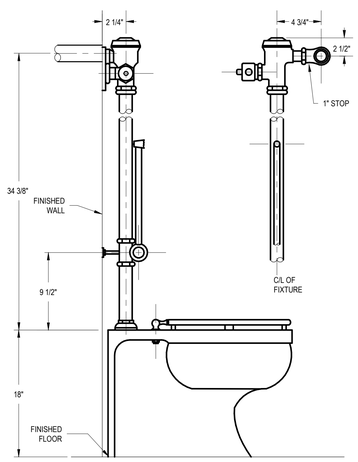
PDI SIZE	FIXTURE UNIT LOAD
AA	1-3
A	4-11
B	12-32
C	36-60
D	61-113
E	114-154

MULTIPLE FIXTURES

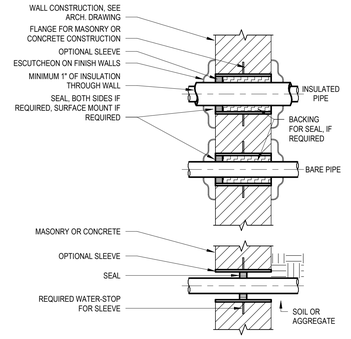
FIXTURE UNIT TABULATION		
FIXTURE	COLD	HOT
VALVE WATER CLOSET	8	-
LAVATORY	2	2
HOSE BIBB	2	-
DRINKING FOUNTAIN	0.5	-

PC TO PROVIDE WATER HAMMER ARRESTORS BY SOUIX CHIEF, PRECISION PLUMBING PRODUCTS, WATTS OR APPROVED EQUIVALENT WITH PISTON AND O-RING CONSTRUCTION, HAVING PDI #WH-201, ASSE #1010 OR ANSI #A112.26.1M CERTIFICATION. SIZE AND INSTALL PER PDI #WH-201 STANDARD OR MANUFACTURER'S INSTRUCTION. THE TABLES ABOVE ARE BASED ON THE SOUIX CHIEF PRODUCT LINE. IF PRESSURE IS IN EXCESS OF PSIG THEN UPSIZE THE ARRESTOR BY ONE (EXAMPLE: AN "A" ARRESTOR WOULD BECOME A "B" ARRESTOR).

7 P-500 HAMMER WATER ARRESTOR DETAIL
SCALE: N.T.S.



6 P-500 WATER CLOSET DETAIL - MANUAL
SCALE: N.T.S.



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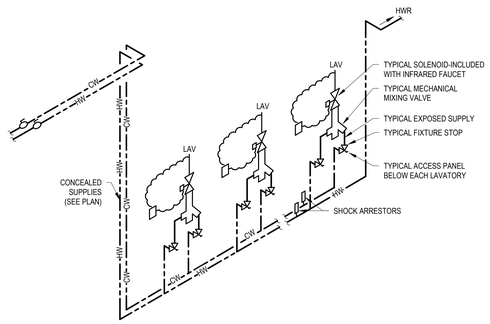
SEE SPEC. FOR CUTTING, PATCHING, PENETRATION SEAL, SLEEVES, EXCAVATION AND BACKFILLING.

5 P-500 WALL PENETRATION DETAIL
SCALE: N.T.S.



9 P-500 LAVATORY TEMPERED WATER SUPPLY
SCALE: N.T.S.

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PLUMBING SCHEDULES AND DETAILS

P-500

BIDDING

MECHANICAL ABBREVIATIONS:

AC	AIR CONDITIONER
ACH	AIR CHANGES PER HOUR
AF	AIR FILTER
AHU	AIR HANDLING UNIT
APD	AIR PRESSURE DROP
BAS	BUILDING AUTOMATION SYSTEM
BHP	BRAKE HORSEPOWER
BTU	BRITISH THERMAL UNIT
BTUH	BTU(S) PER HOUR
CC	COOLING COIL
CF	CUBIC FEET
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CH	CHILLER
CO	CLEANOUT
CT	COOLING TOWER
CU	CONDENSING UNIT
CUH	CABINET UNIT HEATER
CV	CONSTANT AIR VOLUME
DAT	DISCHARGE AIR TEMPERATURE
DB	DECIBEL OR DRY BULB TEMPERATURE
DDC	DIRECT DIGITAL CONTROL
DH	DUCT HEATER
DX	DIRECT EXPANSION
EAT	ENTERING AIR TEMPERATURE
EER	ENERGY EFFICIENCY RATIO
EF	EXHAUST FAN
ESP	EXTERNAL STATIC PRESSURE
ET	EXPANSION TANK
EWT	ENTERING WATER TEMPERATURE
FA	FREE AREA
FC	FAN COIL
FD	FIRE DAMPER
FH	FUME HOOD
FPB	FAN POWERED BOX
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FS	FREEZE STAT
FSD	COMBINATION FIRE/SMOKE DAMPER
GA	GAUGE
GAL	GALLON
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
H	HUMIDISTAT
HC	HEATING COIL
HD	HOOD OR HEAT DETECTOR
HEPA	HIGH EFFICIENCY PARTICULATE AIR FILTER
HP	HORSEPOWER OR HEAT PUMP
HR	HOUR
HUM	HUMIDIFIER
HX	HEAT EXCHANGER
HZ	HERTZ
IN W.C.	INCHES WATER COLUMN
IN W.G.	INCHES WATER GAUGE
KW	KILOWATT
KWH	KILOWATT HOUR
LAT	LEAVING AIR TEMPERATURE
LBS	POUNDS
LWT	LEAVING WATER TEMPERATURE
MBH	THOUSAND BTUH
NC	NORMALLY CLOSED
NK	NECK
NO	NORMALLY OPEN
P	PUMP
PA	PASCAL
PH	PHASE
PRV	PRESSURE REDUCING VALVE
PSIA	POUNDS PER SQUARE INCH ABSOLUTE
PSIG	POUNDS PER SQUARE INCH GAUGE
RF	RETURN FAN
RH	RELATIVE HUMIDITY
RHC	REHEAT COIL
RO	RELIEF OPENING
RPM	REVOLUTIONS PER MINUTE
SAT	SUPPLY AIR TEMPERATURE
SD	SMOKE DAMPER OR SMOKE DETECTOR
SF	SQUARE FEET OR SUPPLY FAN
SPS	STATIC PRESSURE SENSOR
T	THERMOSTAT
TD	TEMPERATURE DIFFERENCE
TO	TRANSFER OPENING
UC	UNDERCUT (DOOR)
UH	UNIT HEATER
VAV	VARIABLE AIR VOLUME
VD	VOLUME DAMPER
VFD	VARIABLE FREQUENCY DRIVE
VSD	VARIABLE SPEED DRIVE
VTR	VENT THROUGH ROOF
W	WATT
WB	WET BULB TEMPERATURE
WC	WATER COLUMN
WPD	WATER PRESSURE DROP

GENERAL ABBREVIATIONS:

A/E	ARCHITECT/ENGINEER
ABV	ABOVE
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
ALT	ALTERNATE
ARCH	ARCHITECT
BFG	BELOW FINAL GRADE
BLDG	BUILDING
CLG	CEILING
DIR	DIRECT
DISC	DISCONNECT
DN	DOWN
EC	ELECTRICAL CONTRACTOR
ELEV	ELEVATION REFERENCE
EM	EMERGENCY
EP	EXPLOSION PROOF
EWC	ELECTRIC WATER COOLER
F	FLUSH
FBO	FURNISHED BY OTHERS
FIXT	FIXTURE
FLA	FULL LOAD AMPS
FLR	FLOOR
FS	FLOW SWITCH
GC	GENERAL CONTRACTOR
GRD	GROUND
GYP	GYPSUM BOARD
HC	HEATING CONTRACTOR
HVAC	HEATING & VENTILATING - AIR CONDITIONING
HVC	HEATING VENTILATING CONTRACTOR
HW	HEAVYWALL
ID	INDIRECT
IL	INTERLOCK
IU	IN UNIT
J-BOX	JUNCTION BOX
LG	LAY-IN GRID
LTG	LIGHTING
LV	LOW VOLTAGE
LVT	LINE VOLTAGE THERMOSTAT
MC	MECHANICAL CONTRACTOR
MCA	MINIMUM CIRCUIT AMPS
MOCP	MAXIMUM OVERCURRENT PROTECTION
MTD	MOUNTED
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
PLBG	PLUMBING CONTRACTOR
RM	ROOM
SURF	SURFACE
TS	TAMPER SWITCH
TYP	TYPICAL
UG	UNDERGROUND
VC	VENTILATION CONTRACTOR

RENOVATION LEGEND:

<X>	EXISTING TO REMAIN
<XRL>	EXISTING TO BE RELOCATED
<XO>	EXISTING TO BE REMOVED
<XNL>	EXISTING IN NEW LOCATION
<N>	NEW

HYDRONIC FITTINGS:

- 45° ELBOW
- CAP
- 90° ELBOW
- ELBOW DOWN
- ELBOW UP
- TEE
- TEE DOWN
- TEE UP
- UNION
- FLEXIBLE CONNECTION
- PIPE CONTINUATION
- FLANGE

HYDRONIC SYSTEM ABBREVIATIONS:

	PIPE TO BE DEMOLISHED
D	DRAIN
NG	NATURAL GAS
LP	LIQUEFIED PETROLEUM
V	VENT
CHWS	CHILLED WATER SUPPLY
CHWR	CHILLED WATER RETURN
CWS	CONDENSER WATER SUPPLY
CWR	CONDENSER WATER RETURN
CD	CONDENSATE DRAIN
HWS	HEATING HOT WATER SUPPLY
HWR	HEATING HOT WATER RETURN
GS	GLYCOL SUPPLY
GR	GLYCOL RETURN
MU	MAKEUP WATER
HPWS	HEAT PUMP WATER SUPPLY
HPWR	HEAT PUMP WATER RETURN
GWS	GEOTHERMAL WATER SUPPLY
GWR	GEOTHERMAL WATER RETURN
RHG	REFRIGERANT HOT GAS
RL	REFRIGERANT LIQUID
RS	REFRIGERANT SUCTION
HPS	HIGH PRESSURE STEAM
MPS	MEDIUM PRESSURE STEAM
LPS	LOW PRESSURE STEAM
HPC	HIGH PRESSURE STEAM CONDENSATE
MPC	MEDIUM PRESSURE STEAM CONDENSATE
LPC	LOW PRESSURE STEAM CONDENSATE
CR	CONDENSATE RETURN
PC	PUMPED CONDENSATE
VPD	VACUUM PUMP DISCHARGE
BBD	BOILER BLOWDOWN
FWS	BOILER FEEDWATER SUPPLY
H	HUMIDIFICATION LINE
FOF	FUEL OIL FILL
FOR	FUEL OIL RETURN
FOS	FUEL OIL SUPPLY
FOV	FUEL OIL VENT
A	COMPRESSED AIR
VAC	VACUUM AIR

HYDRONIC VALVES:

- TWO-POSITION 2-WAY VALVE
- MODULATING 2-WAY VALVE
- TWO-POSITION 3-WAY VALVE
- MODULATING 3-WAY VALVE
- BALANCING VALVE
- BALL VALVE
- BUTTERFLY VALVE
- CHECK VALVE
- DIFFERENTIAL PRESSURE VALVE
- FLOAT OPERATED VALVE
- GATE VALVE
- GLOBE VALVE
- PLUG VALVE
- PRESSURE INDEPENDENT VALVE
- PRESSURE REDUCING VALVE
- PRESSURE RELIEF VALVE
- TRIPLE DUTY VALVE
- BACKFLOW PREVENTER

HYDRONIC SPECIALTIES:

- FS — FLOW SWITCH
- AUTOMATIC AIR VENT
- MANUAL AIR VENT
- PRESSURE GAUGE
- PS — PRESSURE SWITCH
- PSIV — PUMP SUCTION DIFFUSER
- THERMOMETER
- STRAINER, BLOW DOWN
- STRAINER, HOSE CONNECTION
- STRAINER
- ANCHOR
- PIPING GUIDE
- EXPANSION LOOP
- EXPANSION JOINT
- FM — FLOW METER

DUCT SYSTEM ABBREVIATIONS:

CA	COMBUSTION AIR
CV	COMBUSTION VENT
EA-AII	EXHAUST AIR - AIRBORNE INFECTIOUS ISOLATION
EA-CH	EXHAUST AIR - CHEMICAL
EA-D	EXHAUST AIR - DRYER
EA	EXHAUST AIR - ENVIRONMENTAL
EA-K1	TYPE 1 - KITCHEN EXHAUST
EA-K2	TYPE 2 - KITCHEN EXHAUST
OA	OUTDOOR AIR
RA	RETURN AIR
SA	SUPPLY AIR

DUCT SYSTEMS:

- BD-# — BACKDRAFT DAMPER
- FD-# — FIRE DAMPER
- SD-# — SMOKE DAMPER
- FSD-# — COMBINATION FIRE SMOKE DAMPER
- MD-# — MOTORIZED DAMPER
- VOLUME DAMPER
- SIDEWALL GRILLE
- CEILING DIFFUSER, SUPPLY 4-WAY BLOW PATTERN
- CEILING DIFFUSER, SUPPLY 3-WAY BLOW PATTERN
- CEILING DIFFUSER, SUPPLY 2-WAY BLOW PATTERN
- CEILING DIFFUSER, SUPPLY 1-WAY BLOW PATTERN
- CEILING DIFFUSER, RETURN
- CEILING DIFFUSER, EXHAUST
- UC — DOOR UNDERCUT
- DUCT SECTION, SUPPLY
- DUCT SECTION, RETURN
- DUCT SECTION, EXHAUST
- FLEXIBLE DUCT
- DIRECTION OF AIR FLOW
- DUCT SIZE TRANSITION
- RECTANGULAR ELBOW DOWN - SINGLE LINE
- ROUND ELBOW DOWN - SINGLE LINE
- RECTANGULAR ELBOW UP - SUPPLY
- RECTANGULAR ELBOW DOWN - SUPPLY
- ROUND ELBOW UP - SUPPLY
- ROUND ELBOW DOWN - SUPPLY
- RECTANGULAR ELBOW UP - RETURN
- RECTANGULAR ELBOW DOWN - RETURN
- ROUND ELBOW UP - RETURN
- ROUND ELBOW DOWN - RETURN
- RECTANGULAR ELBOW UP - EXHAUST
- RECTANGULAR ELBOW DOWN - EXHAUST
- ROUND ELBOW UP - EXHAUST
- ROUND ELBOW DOWN - EXHAUST
- MITERED ELBOW
- MITERED ELBOW WITH TURNING VANES
- ACCESS DOOR - TOP/SIDE
- AIR FLOW MEASURING STATION
- SOUND ATTENUATOR
- FLEXIBLE CONNECTION

HVAC SENSORS:

- CO2 — CARBON DIOXIDE
- CO — CARBON MONOXIDE
- DS — DEWPOINT
- G — GAS
- H — HUMIDITY
- NO — NITROGEN OXIDE
- P — RELATIVE PRESSURE MONITOR
- R — REFRIGERANT MONITOR
- SD — SMOKE DETECTOR
- SP — STATIC PRESSURE
- T — THERMOSTAT
- TS — TEMPERATURE

MECHANICAL EQUIPMENT:

PLAN SYMBOL

- AIR SEPARATOR
- BASKET STRAINER
- EXPANSION TANK, FREE STANDING
- EXPANSION TANK, HANGING
- SIDE STREAM FILTER
- LOUVER
- HEAT EXCHANGER, PLATE AND FRAME
- HEAT EXCHANGER, SHELL AND TUBE
- T — STEAM TRAP
- VFD — VARIABLE FREQUENCY DRIVE
- CB — CONTROL BOX
- M — ENERGY METER
- M — NATURAL GAS METER
- PUMP (SEE SCHEDULE FOR TYPE)
- VARIABLE AIR VOLUME BOX
- VAV BOX WITH ELECTRIC REHEAT
- VAV BOX WITH HYDRONIC REHEAT
- ROUND IN / ROUND OUT VAV BOX
- FAN POWERED BOX

MECHANICAL TAGS:

- VISIBLE DIMENSION
- ## x ## XX — DUCT DIMENSIONS (CLEAR, INTERNAL)
- SYSTEM ABBREVIATION
- TYPE: S - SUPPLY, R - RETURN, E - EXHAUST, T - TRANSFER
- SIZE (OPTIONAL)
- X# (# x #) / ### — DIFFUSER TAG
- AIR FLOW RATE
- MARK
- X / X — MECHANICAL EQUIPMENT TAG
- NUMBER
- RISER / X — RISER TAG
- NUMBER
- PIPE SIZE
- ## XX — PIPE DIMENSION TAG
- SYSTEM ABBREVIATION
- POINT OF NEW CONNECTION
- POINT OF DISCONNECTION

GENERAL:

- ## — REFERENCE NOTE SYMBOL
- DETAIL NUMBER / SHEET NUMBER — BUILDING SECTION
- DETAIL NUMBER / SHEET NUMBER — BUILDING ELEVATION
- DETAIL NUMBER / SHEET NUMBER — CALLOUT BOUNDARY
- DETAIL NUMBER / --- / SHEET NUMBER — VIEW REFERENCE CALLOUT
- •X' - X" — MOUNTING HEIGHT DESIGNATION

MECHANICAL GENERAL NOTES:

1. CONTRACTOR SHALL PROVIDE ALL MATERIALS AND EQUIPMENT AND PERFORM ALL LABOR AS REQUIRED TO INSTALL A COMPLETE AND OPERABLE HVAC SYSTEM PER THE NEW ARCHITECTURAL LAYOUT AND AS TO COMPLY WITH THE SPECIFICATION, DETAILS,THIS SCOPE OF WORK AND ALL APPLICABLE CODES.
2. ALL WORK PERFORMED SHALL CONFORM TO ALL APPLICABLE STATE AND LOCAL CODES.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS AND COORDINATE ALL NEW WORK WITH ALL TRADES PRIOR TO ANY WORK BEING DONE TO ENSURE CONFLICTS DO NOT OCCUR.
4. DISRUPTION OF ANY EXISTING SERVICE SHALL BE CLEARED WITH THE OWNER AND SHALL BE PERFORMED AT A TIME AND IN A MANNER SO AS TO CAUSE THE OWNER A MINIMUM OF INCONVENIENCE.
5. ALL DUCT SIZES INDICATED ON PLANS AND RISERS ARE CLEAR INSIDE DIMENSIONS. DUCT SIZES NOT SHOWN SHALL BE SIZED TO VELOCITIES NO GREATER THAN UPSTREAM SECTION USING SIMILAR ASPECT RATIOS.
6. ALL SUPPLY AIR TAKEOFFS FROM MAIN TRUNK DUCTS ARE TO BE INSTALLED WITH BELL MOUTH FITTINGS OR 45 DEGREE ENTRY TO PROVIDE THE SMOOTHEST AIR FLOW POSSIBLE.
7. PROVIDE TURNING VANES IN ALL LOW-PRESSURE 90-DEGREEDUCT TURNS.
8. ALL THERMOSTAT LOCATIONS SHALL BE APPROVED BY THE ARCHITECT.
9. ALL DUCTS LOCATED ABOVE INACCESSIBLE CEILINGS ARE TO BE BALANCED PRIOR TO CEILING INSTALLATIONS.
10. CONTRACTOR SHALL PROVIDE ACCESS DOORS FOR SERVICE AND MAINTENANCE OF ALL EQUIPMENT LOCATED ABOVE INACCESSIBLE CEILINGS.
11. PROVIDE GUIDES, HANGERS, EXPANSION LOOPS AND SUPPLEMENTARY STEEL SUPPORT WHERE REQUIRED FOR ALL PIPING.
12. CAULK ALL PENETRATIONS THRU WALLS TO MINIMIZE SOUND PENETRATION THRU WALLS.
13. CONTRACTOR WILL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING OF ROOFS/WALLS/FLOORS AND CORE DRILLS REQUIRED TO COMPLETE THEIR RESPECTIVE WORK.

MECHANICAL GENERAL NOTES:

ALL EXPOSED DUCTWORK IN CONDITIONED SPACES OR SPIRAL DUCT	NONE
ALL EXTERIOR DUCTWORK	MIN. R-12
ALL CONCEALED SUPPLY AND RETURN DUCT	MIN. R-6
ALL EXHAUST UP TO 10'-0" FROM DISCHARGE	MIN. R-6
ALL HEATING AND COOLING HYDRONIC PIPING	MIN. 2"
CONDENSATE PIPING	MIN. 1"

NOTE:
ALL SUPPLY AND RETURN AIR DUCTS AND PLENUMS SHALL BE INSULATED WITH A MINIMUM OF R-6 INSULATION WHEN LOCATED IN UNCONDITIONED SPACES AND WITH A MINIMUM OF R-12 INSULATION WHEN LOCATED OUTSIDE THE BUILDING ENVELOPE. WHEN LOCATED WITHIN A BUILDING ENVELOPE ASSEMBLY, THE DUCT OR PLENUM SHALL BE SEPARATED FROM THE BUILDING EXTERIOR OR UNCONDITIONED OR EXEMPT SPACES BY A MINIMUM OF R-12 INSULATION. ALL JOINTS, LONGITUDINAL AND TRANSVERSE SEAMS, AND CONNECTIONS IN DUCTWORK SHALL BE SECURELY FASTENED AND SEALED WITH WELDS, GASKETS, MASTICS, MASTIC-PLUS-EMBEDDED-FABRIC SYSTEM OR TAPES. TAPES AND MASTICS SHALL BE LISTED AND LABELED IN ACCORDANCE WITH UL 181A OR UL 181B. DUCT CONNECTIONS TO FLANGES OF AIR DISTRIBUTION SYSTEM EQUIPMENT SHALL BE SEALED AND MECHANICALLY FASTENED. DUCT TAPE IS NOT PERMITTED AS A SEALANT ON ANY METAL DUCTS.

PROJECT DESIGN CONDITIONS:

CLIMATE CONDITIONS:

WEATHER STATION:	MOLINE, ILLINOIS, USA
CLIMATE ZONE:	5B
HEATING (DB): 99.6%	-3 °F
COOLING	92 °F / 76 °F
BUILDING OPERATING HOURS: DETERMINED BY THE OWNER	
MONDAY - FRIDAY	DETERMINED BY OWNER
SATURDAY	DETERMINED BY OWNER
SUNDAY	DETERMINED BY OWNER
SET POINTS:	
COOLING (OCC/UNOCC):	70 °F / 80 °F
HEATING (OCC/UNOCC):	75 °F / 60 °F

PROJECT APPLICABLE CODES:

BUILDING CODE:	2021 INTERNATIONAL BUILDING CODE (AMENDED)
ENERGY CODE:	2024 INTERNATIONAL ENERGY CODE (AMENDED)
MECHANICAL CODE:	2021 INTERNATIONAL MECHANICAL CODE (AMENDED)
PLUMBING CODE:	2021 INTERNATIONAL PLUMBING CODE (AMENDED)
FIRE PROTECTION CODE:	2012 INTERNATIONAL FIRE CODE (AMENDED)
FUEL AND GAS CODE:	2021 INTERNATIONAL FUEL GAS CODE (AMENDED)

LEGAT ARCHITECTS
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT

2026 FACILITY IMPROVEMENTS

BUTTERWORTH ELEMENTARY SCHOOL
LOGAN ELEMENTARY SCHOOL
WASHINGTON ELEMENTARY SCHOOL
MOLINE HIGH SCHOOL

ARCHITECT
Legat Architects, Inc.
1515 5th Ave, Suite 108
Moline, IL 61265
P: 309.517.5536
www.legat.com

MEP/FP ENGINEER
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REVISIONS

NO.	DESCRIPTION	DATE

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DRAWN BY	BMA
REVIEWED BY	MJB

MECHANICAL LEGEND

M-000

BIDDING

GENERAL NOTES:

1. DRAWINGS ARE TO BE REVIEWED IN FULL DETAIL WITH SPECIFICATIONS. IN THE EVENT THAT THERE IS CROSS DIRECTION, A REQUEST FOR INFORMATION (RFI) IS TO BE SENT TO THE ENGINEER OF RECORD. AS STATED IN SPECIFICATION DIV 1, THE HIGHER COST OF THE TWO OPTIONS IS TO BE TAKEN AS THE OPTION WHILE AT BID UNLESS CLARIFICATION FROM RFI.
2. ALL MECHANICAL SHEETS SHALL BE REVIEWED AND COORDINATED WITH ALL OTHER TRADES PRIOR TO INSTALLATION.
3. REFER TO SHEET M-000 FOR DUCT AND PIPE INSULATION.
4. ALL DUCTWORK THROUGH STRUCTURAL SUPPORT COLUMNS AND WALLS TO HAVE HOLE CUT FOR DUCTWORK. COORDINATE EXACT SIZE AND LOCATION WITH STRUCTURAL CONTRACTOR.

#	KEYNOTE
1	EXISTING THERMOSTAT TO BE DEMOLISHED IN SUCH A WAY TO BE REUSED AND RELOCATED. DEMOLISH CORRESPONDING EXISTING DDC CONTROL WIRING BACK TO MECHANICAL EQUIPMENT, PATCH WALL TO MATCH EXISTING. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
2	EXISTING 3/4" HWS AND 3/4" HWR LINES TO CONTINUE BACK TO BUILDING MAIN TO REMAIN. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
3	EXISTING MECHANICAL EQUIPMENT TO REMAIN. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
4	EXISTING CONTROL VALVES TO REMAIN. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.



1 / M-101 BUTTERWORTH FIRST FLOOR DEMOLITION PLAN
1" = 10'-0"

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MOLINE HIGH SCHOOL

ARCHITECT
Legat Architects, Inc.
1515 5th Ave, Suite 108
Moline, IL 61265
P: 309.517.5536
www.legat.com

MEP/FP ENGINEER
RTM Engineering Consultants
5137 Utica Ridge Rd.
Davenport, IA 52807
P: 563.726.6310
www.rtmec.com

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DRAWN BY	BMA
REVIEWED BY	MJB

BUTTERWORTH ELEM SCHOOL - MECH FIRST FLOOR DEMOLITION PLAN

M-101

BIDDING

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#	KEYNOTE
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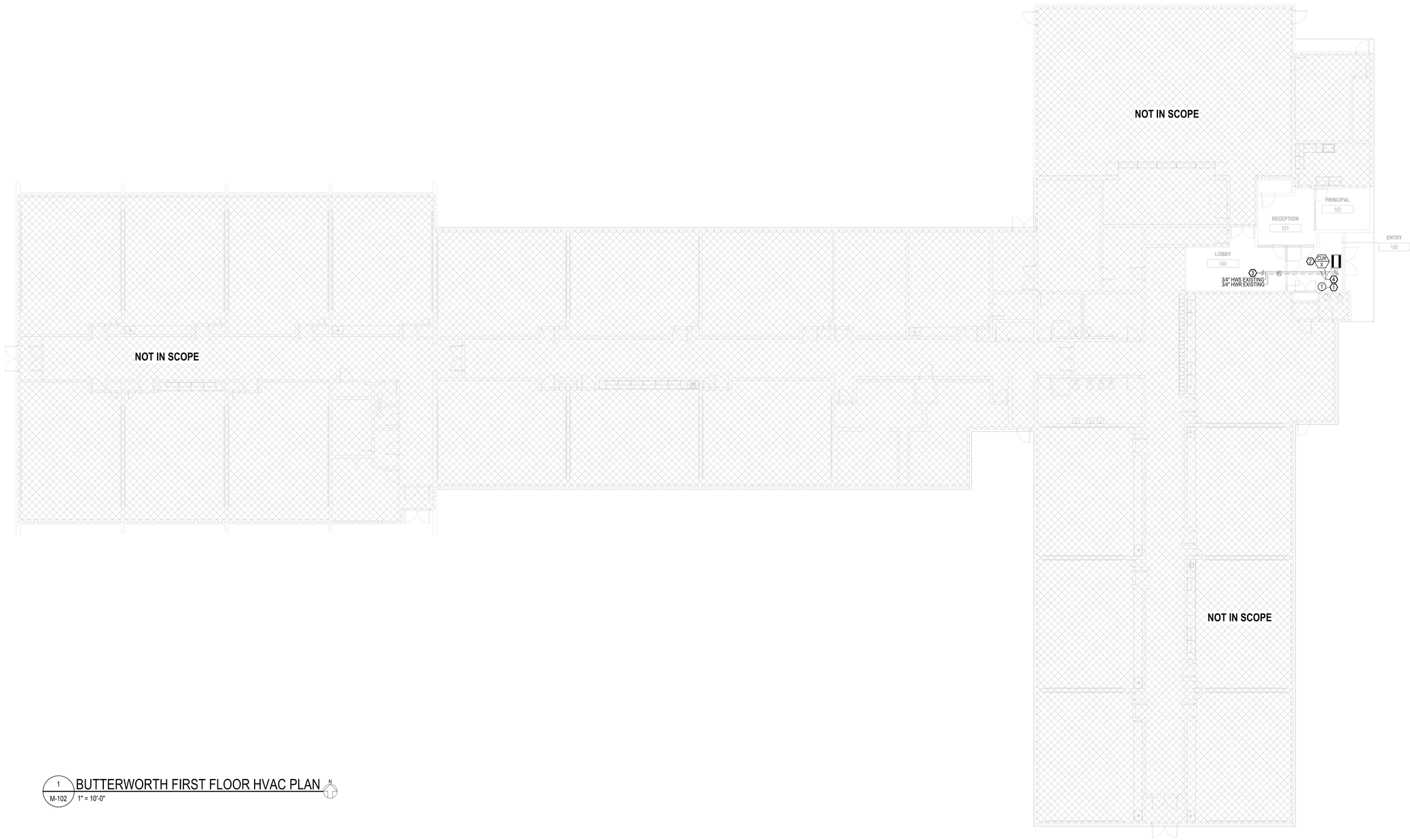
2	EXISTING MECHANICAL EQUIPMENT TO REMAIN. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
3	EXISTING 3/4" HWS AND 3/4" HWR LINES TO CONTINUE BACK TO BUILDING MAIN TO REMAIN. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
4	EXISTING CONTROL VALVES TO REMAIN. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.



1 / M-102 BUTTERWORTH FIRST FLOOR HVAC PLAN
1" = 10'-0"

LEGAT ARCHITECTS
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT

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BUTTERWORTH ELEM SCHOOL - MECH FIRST FLOOR HVAC AND CONTROLS PLAN

M-102

BIDDING



1 M-201 WASHINGTON FIRST FLOOR DEMOLITION PLAN
3/32" = 1'-0"

GENERAL NOTES:

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2. ALL MECHANICAL SHEETS SHALL BE REVIEWED AND COORDINATED WITH ALL OTHER TRADES PRIOR TO INSTALLATION.
3. REFER TO SHEET M-000 FOR DUCT AND PIPE INSULATION.
4. ALL DUCTWORK THROUGH STRUCTURAL SUPPORT COLUMNS AND WALLS TO HAVE HOLE CUT FOR DUCTWORK. COORDINATE EXACT SIZE AND LOCATION WITH STRUCTURAL CONTRACTOR.

#	KEYNOTE
1	EXISTING 1" HWS AND 1" HWR LINES TO CONTINUE BACK TO BUILDING MAIN TO REMAIN. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
2	EXISTING THERMOSTAT TO BE DEMOLISHED IN SUCH A WAY TO BE REUSED AND RELOCATED. DEMOLISH CORRESPONDING EXISTING DDC CONTROL WIRING BACK TO MECHANICAL EQUIPMENT. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
3	EXISTING MECHANICAL EQUIPMENT TO BE DEMOLISHED IN SUCH A WAY TO BE REUSED AND RELOCATED. EXISTING CORRESPONDING CONTROL VALVES TO REMAIN. DEMOLISH EXISTING CORRESPONDING HYDRONIC PIPING IN SUCH A WAY TO REUSE. DEMOLISH EXISTING CONTROL WIRING BACK TO DDC THERMOSTAT. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
4	EXISTING CONTROL VALVES TO REMAIN. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.

LEGAT ARCHITECTS
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT

2026 FACILITY IMPROVEMENTS

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Legat Architects, Inc.
1515 5th Ave, Suite 108
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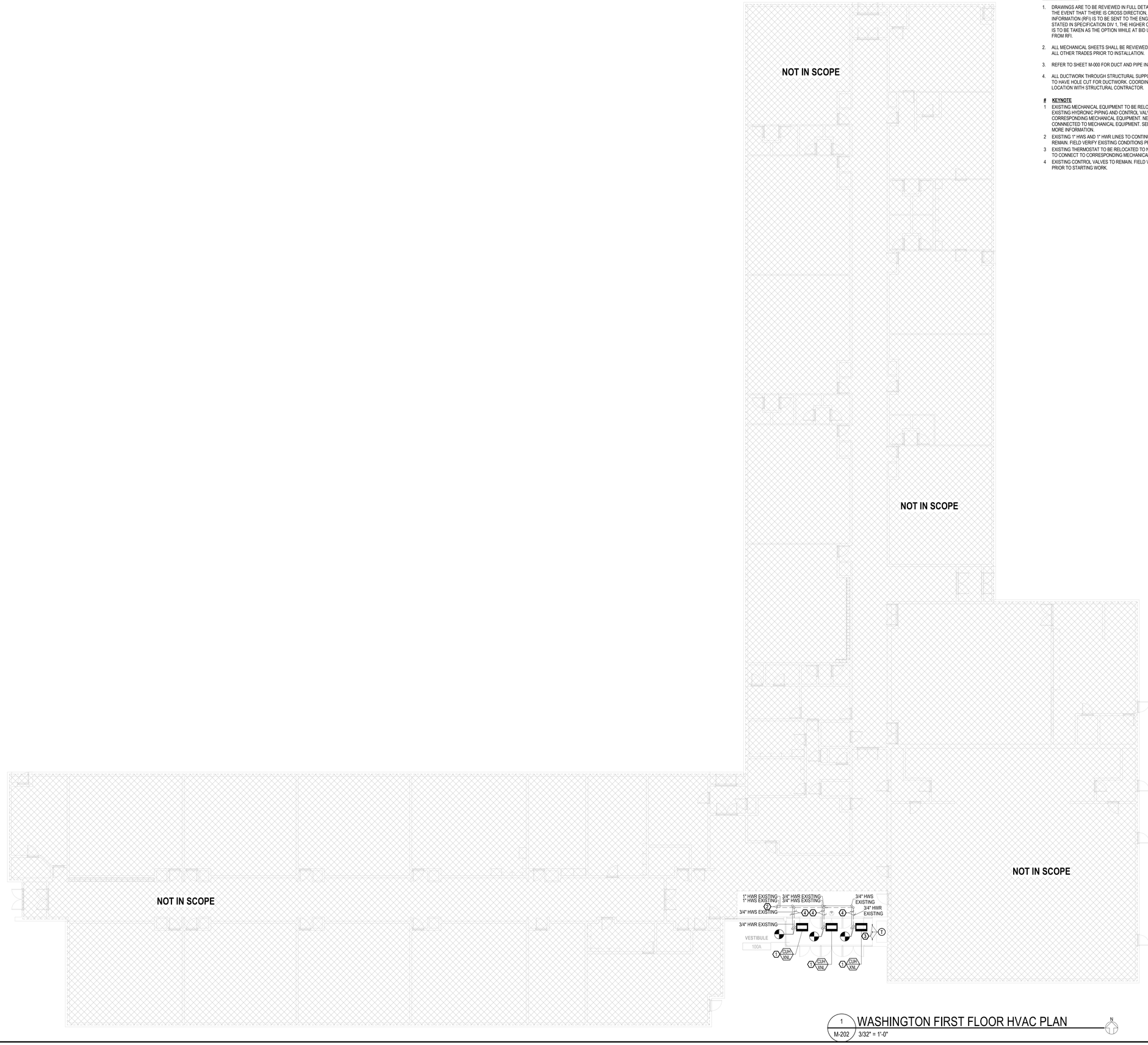
WASHINGTON ELEM SCHOOL - MECH FIRST FLOOR DEMOLITION PLAN

M-201

BIDDING



1 M-202 WASHINGTON FIRST FLOOR HVAC PLAN
3/32" = 1'-0"

N

GENERAL NOTES:

1. DRAWINGS ARE TO BE REVIEWED IN FULL DETAIL WITH SPECIFICATIONS. IN THE EVENT THAT THERE IS CROSS DIRECTION, A REQUEST FOR INFORMATION (RFI) IS TO BE SENT TO THE ENGINEER OF RECORD. AS STATED IN SPECIFICATION DIV 1, THE HIGHER COST OF THE TWO OPTIONS IS TO BE TAKEN AS THE OPTION WHILE AT BID UNLESS CLARIFICATION FROM RFI.
2. ALL MECHANICAL SHEETS SHALL BE REVIEWED AND COORDINATED WITH ALL OTHER TRADES PRIOR TO INSTALLATION.
3. REFER TO SHEET M-000 FOR DUCT AND PIPE INSULATION.
4. ALL DUCTWORK THROUGH STRUCTURAL SUPPORT COLUMNS AND WALLS TO HAVE HOLE CUT FOR DUCTWORK. COORDINATE EXACT SIZE AND LOCATION WITH STRUCTURAL CONTRACTOR.

#	KEYNOTE
1	EXISTING MECHANICAL EQUIPMENT TO BE RELOCATED TO NEW LOCATION. EXISTING HYDRONIC PIPING AND CONTROL VALVES TO BE RECONNECTED TO CORRESPONDING MECHANICAL EQUIPMENT. NEW DDC CONTROL WIRING TO BE CONNNECTED TO MECHANICAL EQUIPMENT. SEE CONTROL SHEET M-502 FOR MORE INFORMATION.
2	EXISTING 1" HWS AND 1" HWR LINES TO CONTINUE BACK TO BUILDING MAIN TO REMAIN. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
3	EXISTING THERMOSTAT TO BE RELOCATED TO NEW LOCATION. NEW DDC WIRING TO CONNECT TO CORRESPONDING MECHANICAL EQUIPMENT.
4	EXISTING CONTROL VALVES TO REMAIN. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.

LEGAT ARCHITECTS
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT

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Legat Architects, Inc.
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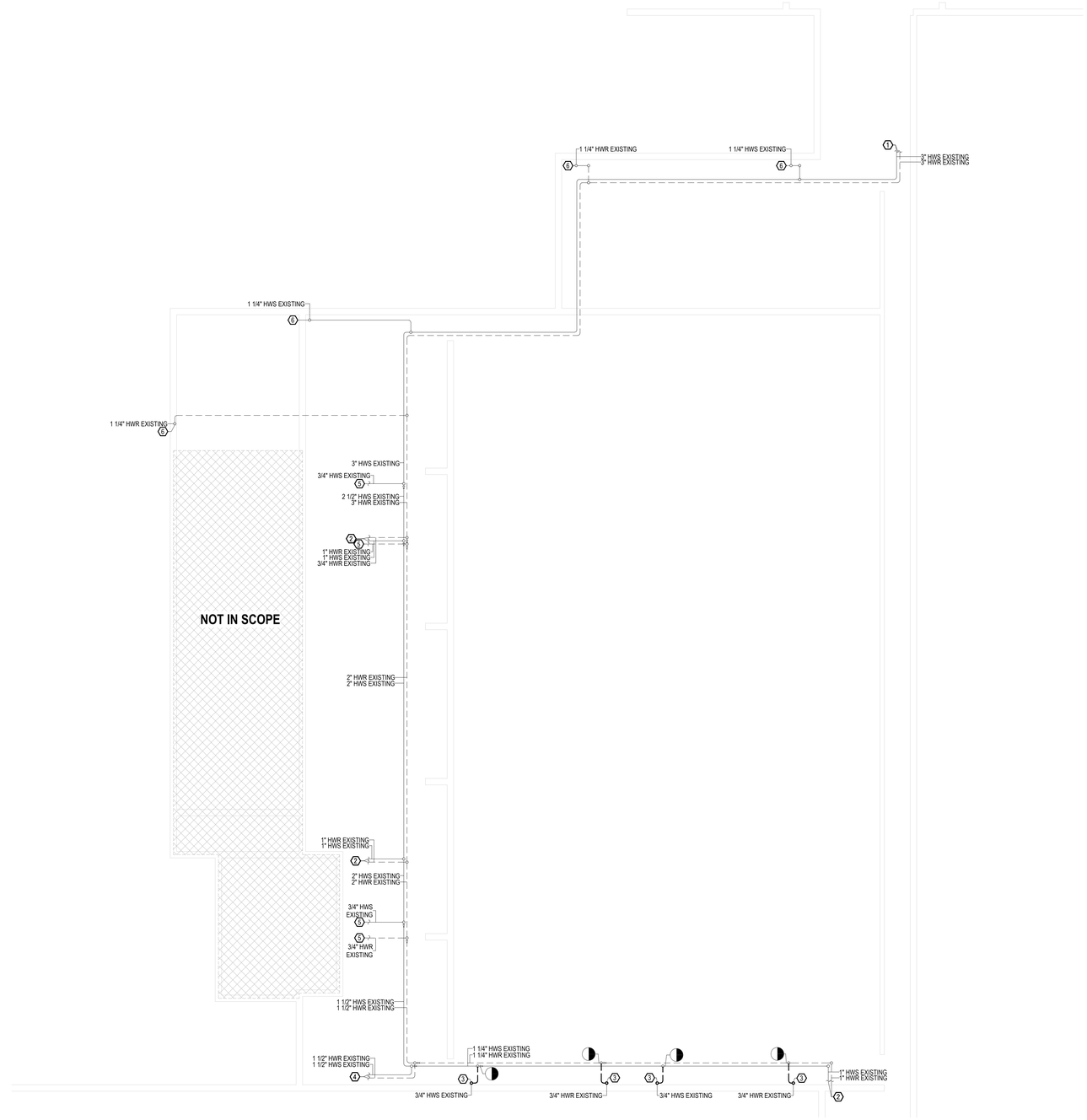
WASHINGTON ELEM SCHOOL - MECH FIRST FLOOR HVAC PLAN

M-202

BIDDING



1 TUNNEL DEMOLITION PLAN - ENLARGED - F
M-400F 1/8" = 1'-0"

GENERAL NOTES:

1. DRAWINGS ARE TO BE REVIEWED IN FULL DETAIL WITH SPECIFICATIONS. IN THE EVENT THAT THERE IS CROSS DIRECTION, A REQUEST FOR INFORMATION (RFI) IS TO BE SENT TO THE ENGINEER OF RECORD. AS STATED IN SPECIFICATION DIV 1, THE HIGHER COST OF THE TWO OPTIONS IS TO BE TAKEN AS THE OPTION WHILE AT BID UNLESS CLARIFICATION FROM RFI.
2. ALL MECHANICAL SHEETS SHALL BE REVIEWED AND COORDINATED WITH ALL OTHER TRADES PRIOR TO INSTALLATION.
3. REFER TO SHEET M-000 FOR DUCT AND PIPE INSULATION.
4. ALL DUCTWORK THROUGH STRUCTURAL SUPPORT COLUMNS AND WALLS TO HAVE HOLE CUT FOR DUCTWORK. COORDINATE EXACT SIZE AND LOCATION WITH STRUCTURAL CONTRACTOR.

#	KEYNOTE
1	EXISTING 3" HWS AND 3" HWR LINES TO CONTINUE BACK TO BUILDING MAIN TO REMAIN. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
2	EXISTING 1" HWS AND 1" HWR LINES TO CONTINUE TO FEED THE REST OF THE BUILDING TO REMAIN. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
3	EXISTING 3/4" HWS AND 3/4" HWR LINES UP TO FIRST FLOOR TO BE DEMOLISHED BACK TO BUILDING MAIN. SEE SHEET M-401F FOR MORE INFORMATION. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
4	EXISTING 1-1/2" HWS AND 1-1/2" HWR LINES TO CONTINUE TO FEED THE REST OF THE BUILDING TO REMAIN. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
5	EXISTING 3/4" HWS AND 3/4" HWR LINES TO CONTINUE TO FEED THE REST OF THE BUILDING TO REMAIN. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
6	EXISTING 1-1/4" HWS AND 1-1/4" HWR LINES TO CONTINUE UP TO FIRST FLOOR TO REMAIN. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.



KEY PLAN
1" = 200'-0"

LEGAT ARCHITECTS
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT

2026 FACILITY IMPROVEMENTS

BUTTERWORTH ELEMENTARY SCHOOL
LOGAN ELEMENTARY SCHOOL
WASHINGTON ELEMENTARY SCHOOL
MOLINE HIGH SCHOOL

ARCHITECT
Legat Architects, Inc.
1515 5th Ave, Suite 108
Moline, IL 61265
P: 309.517.5536
www.legat.com

MEP/FP ENGINEER
RTM Engineering Consultants
5137 Utica Ridge Rd.
Davenport, IA 52807
P: 563.726.6310
www.rtmec.com

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DATE _____

REVISIONS

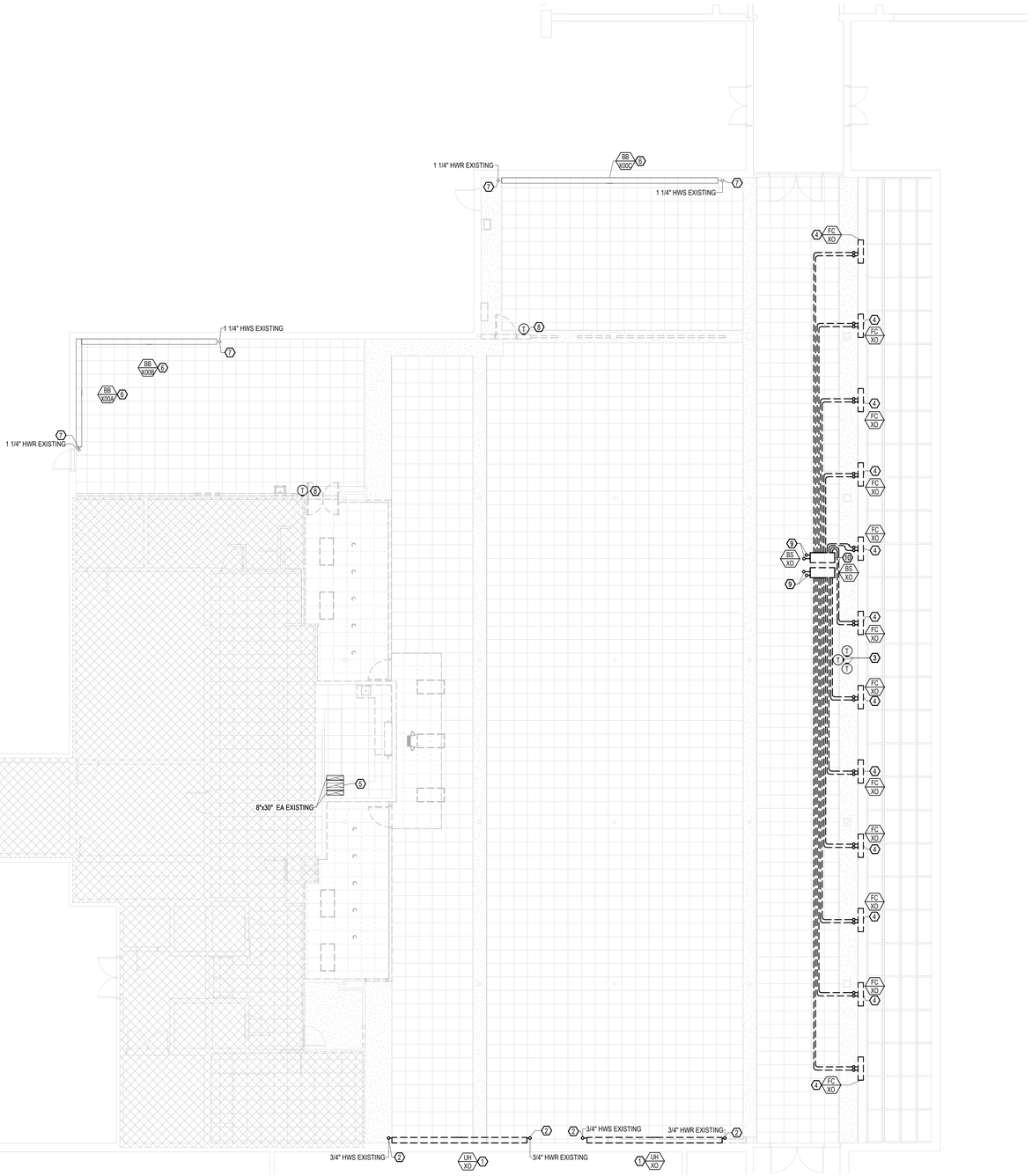
NO.	DESCRIPTION	DATE

PROJECT NUMBER	225057.00
DATE OF ISSUE	02.16.2026
DRAWN BY	BMA
REVIEWED BY	MJB

WING F - MECH TUNNEL DEMOLITION PLAN

M-400F

BIDDING



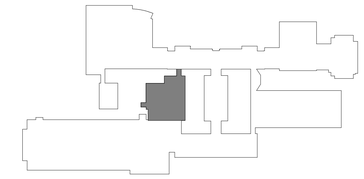
1 / M-401F MECHANICAL FIRST FLOOR DEMOLITION PLAN - ENLARGED - F

1/8" = 1'-0"

GENERAL NOTES:

1. DRAWINGS ARE TO BE REVIEWED IN FULL DETAIL WITH SPECIFICATIONS. IN THE EVENT THAT THERE IS CROSS DIRECTION, A REQUEST FOR INFORMATION (RFI) IS TO BE SENT TO THE ENGINEER OF RECORD. AS STATED IN SPECIFICATION DIV 1, THE HIGHER COST OF THE TWO OPTIONS IS TO BE TAKEN AS THE OPTION WHILE AT BID UNLESS CLARIFICATION FROM RFI.
2. ALL MECHANICAL SHEETS SHALL BE REVIEWED AND COORDINATED WITH ALL OTHER TRADES PRIOR TO INSTALLATION.
3. REFER TO SHEET M-000 FOR DUCT AND PIPE INSULATION.
4. ALL DUCTWORK THROUGH STRUCTURAL SUPPORT COLUMNS AND WALLS TO HAVE HOLE CUT FOR DUCTWORK. COORDINATE EXACT SIZE AND LOCATION WITH STRUCTURAL CONTRACTOR.

#	KEYNOTE
1	EXISTING MECHANICAL EQUIPMENT DEMOLISHED. EXISTING CORRESPONDING HYDRONIC PIPING TO BE DEMOLISHED BACK TO MAIN. EXISTING CORRESPONDING CONTROL VALVES AND CONTROL WIRING TO BE DEMOLISHED. SEE SHEET M-400F FOR MORE INFORMATION. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
2	EXISTING 3/4" HWS AND 3/4" HWR LINES UP FROM TUNNEL TO BE DEMOLISHED BACK TO MAIN. PATCH FLOOR TO MATCH EXISTING. SEE SHEET M-400F FOR MORE INFORMATION.
3	EXISTING THERMOSTAT TO BE DEMOLISHED. DEMOLISH CORRESPONDING EXISTING DDC CONTROL WIRING BACK TO MECHANICAL EQUIPMENT. PATCH WALL TO MATCH EXISTING. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
4	EXISTING MECHANICAL EQUIPMENT DEMOLISHED. EXISTING CORRESPONDING REFRIGERANT PIPING, CONTROL WIRING, AND THERMOSTAT TO BE DEMOLISHED. PATCH WALL TO MATCH EXISTING. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
5	EXISTING 8"X30" EXHAUST DUCT TO CONTINUE UP TO EXHAUST FAN ON ROOF TO REMAIN.
6	EXISTING BASEBOARD HEATER TO BE DEMOLISHED. EXISTING CORRESPONDING HYDRONIC PIPING, CONTROL WIRING, AND THERMOSTAT TO BE DEMOLISHED IN SUCH A WAY TO REUSE. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
7	EXISTING 1-1/4" HWS AND 1-1/4" HWR LINES UP FROM TUNNEL TO REMAIN. SEE SHEET M-400F FOR MORE INFORMATION.
8	EXISTING THERMOSTAT TO REMAIN. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
9	EXISTING REFRIGERANT PIPING TO CONTINUE UP TO ROOF TO BE DEMOLISHED BACK TO CONDENSING UNIT. PATCH ROOF TO MATCH EXISTING. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK. SEE SHEET M-402F FOR MORE INFORMATION.
10	EXISTING BRANCH SELECTOR BOX TO BE DEMOLISHED. DEMOLISH ALL EXISTING CORRESPONDING REFRIGERANT PIPING, CONTROL WIRING, AND CONTROL VALVES. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.



KEY PLAN

1" = 200'-0"

LEGAT ARCHITECTS
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT

2026 FACILITY IMPROVEMENTS

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MOLINE HIGH SCHOOL

ARCHITECT
Legat Architects, Inc.
1515 5th Ave, Suite 108
Moline, IL 61265
P: 309.517.5536
www.legat.com

MEP/FP ENGINEER
RTM Engineering Consultants
5137 Utica Ridge Rd.
Davenport, IA 52807
P: 563.726.6310
www.rtmec.com

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REVIEWED BY	MJB

WING F - MECH FIRST FLOOR DEMOLITION PLAN

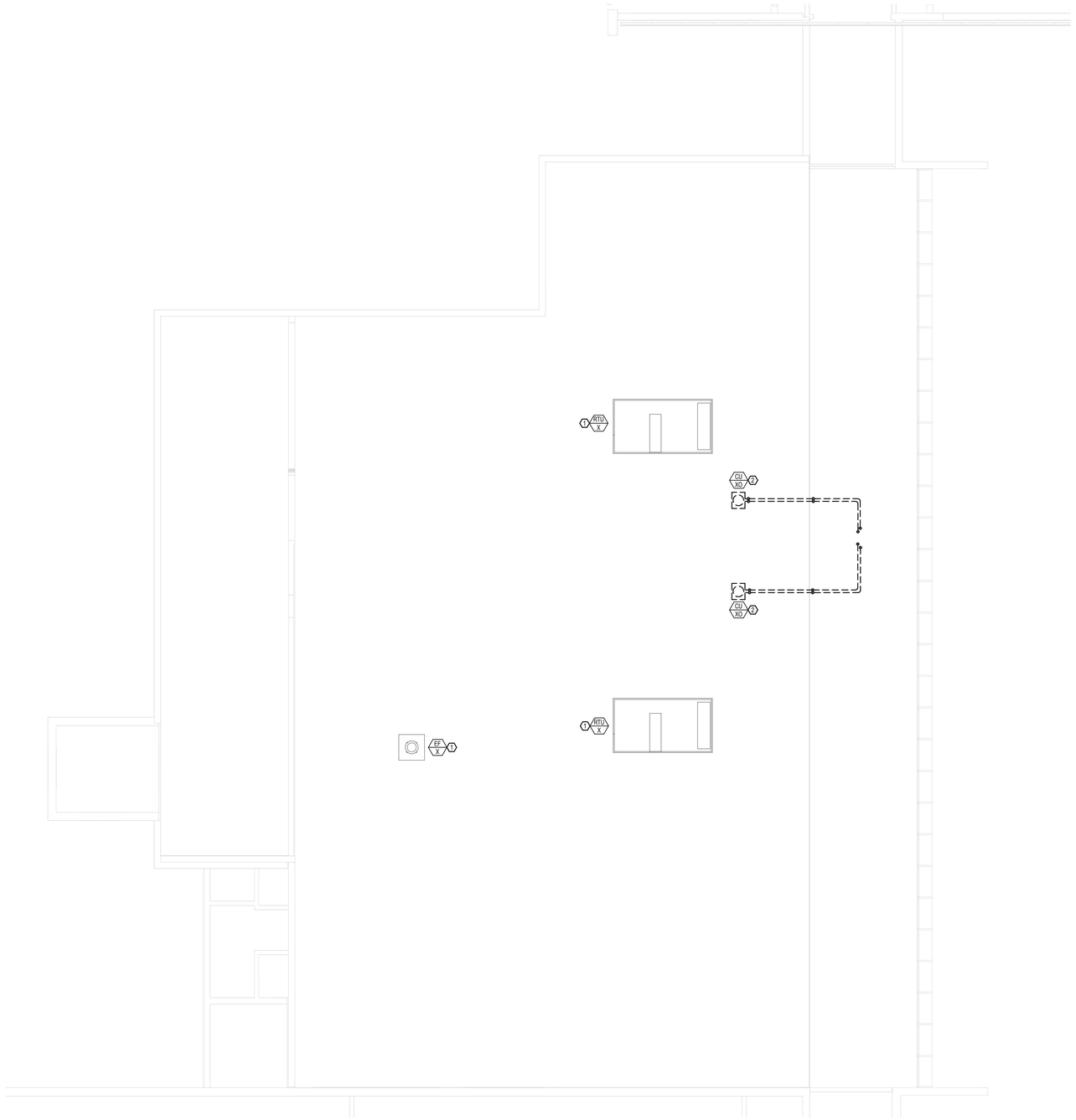
M-401F

BIDDING

GENERAL NOTES:

1. DRAWINGS ARE TO BE REVIEWED IN FULL DETAIL WITH SPECIFICATIONS. IN THE EVENT THAT THERE IS CROSS DIRECTION, A REQUEST FOR INFORMATION (RFI) IS TO BE SENT TO THE ENGINEER OF RECORD, AS STATED IN SPECIFICATION DIV 1, THE HIGHER COST OF THE TWO OPTIONS IS TO BE TAKEN AS THE OPTION WHILE AT BID UNLESS CLARIFICATION FROM RFI.
2. ALL MECHANICAL SHEETS SHALL BE REVIEWED AND COORDINATED WITH ALL OTHER TRADES PRIOR TO INSTALLATION.
3. REFER TO SHEET M-000 FOR DUCT AND PIPE INSULATION.
4. ALL DUCTWORK THROUGH STRUCTURAL SUPPORT COLUMNS AND WALLS TO HAVE HOLE CUT FOR DUCTWORK. COORDINATE EXACT SIZE AND LOCATION WITH STRUCTURAL CONTRACTOR.

#	KEYNOTE
1	EXISTING MECHANICAL EQUIPMENT TO REMAIN. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
2	EXISTING MECHANICAL EQUIPMENT DEMOLISHED. DEMOLISH ALL ROOF CURBS OR RAILINGS. DEMOLISH ALL EXISTING CORRESPONDING REFRIGERANT PIPING AND CONTROL WIRING BACK TO MECHANICAL EQUIPMENT. PATCH ROOF TO MATCH EXISTING. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.



1 / M-402F MECHANICAL ROOF DEMOLITION PLAN - ENLARGED - F
1/8" = 1'-0"



KEY PLAN
1" = 200'-0"

LEGAT ARCHITECTS
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT

2026 FACILITY IMPROVEMENTS

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Moline, IL 61265
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www.legat.com

MEP/FP ENGINEER
RTM Engineering Consultants
5137 Utica Ridge Rd.
Davenport, IA 52807
P: 563.726.6310
www.rtmec.com

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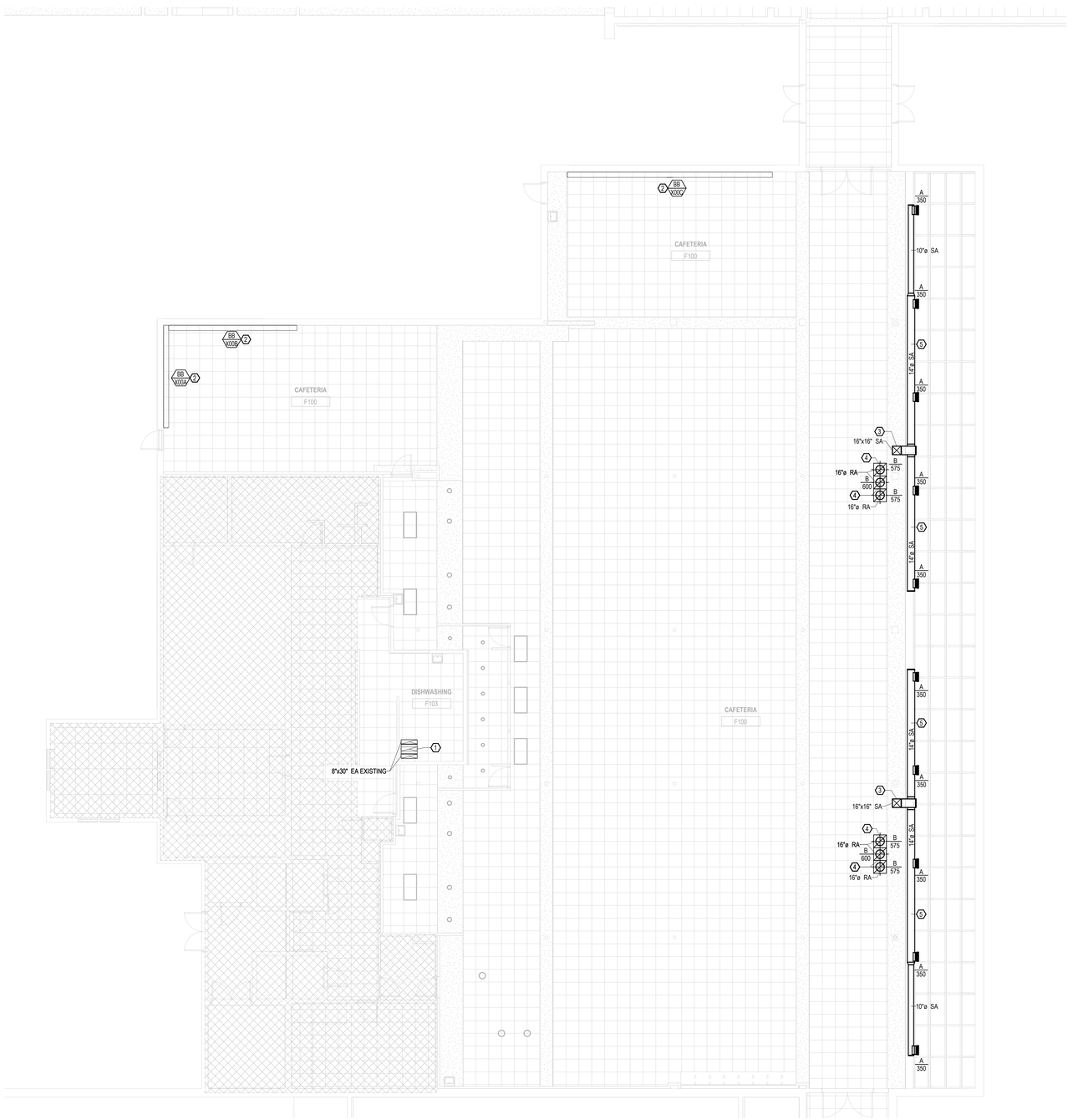
WING F - MECH ROOF DEMOLITION PLAN

M-402F

BIDDING



1 M-403F MECHANICAL FIRST FLOOR HVAC PLAN - ENLARGED - F
1/8" = 1'-0"

GENERAL NOTES:

1. DRAWINGS ARE TO BE REVIEWED IN FULL DETAIL WITH SPECIFICATIONS. IN THE EVENT THAT THERE IS CROSS DIRECTION, A REQUEST FOR INFORMATION (RFI) IS TO BE SENT TO THE ENGINEER OF RECORD. AS STATED IN SPECIFICATION DIV 1, THE HIGHER COST OF THE TWO OPTIONS IS TO BE TAKEN AS THE OPTION WHILE AT BID UNLESS CLARIFICATION FROM RFI.
2. ALL MECHANICAL SHEETS SHALL BE REVIEWED AND COORDINATED WITH ALL OTHER TRADES PRIOR TO INSTALLATION.
3. REFER TO SHEET M-000 FOR DUCT AND PIPE INSULATION.
4. ALL DUCTWORK THROUGH STRUCTURAL SUPPORT COLUMNS AND WALLS TO HAVE HOLE CUT FOR DUCTWORK. COORDINATE EXACT SIZE AND LOCATION WITH STRUCTURAL CONTRACTOR.

#	KEYNOTE
1	EXISTING 8"X30" EXHAUST DUCT TO CONTINUE UP TO EXHAUST FAN ON ROOF TO REMAIN.
2	EXISTING HYDRONIC UNIT HEATER HOUSING TO REMAIN. EXISTING HOUSING TO HAVE NEW HEATING COIL INSTALLED. EXISTING CORRESPONDING HYDRONIC PIPING, CONTROL WIRING, AND THERMOSTAT TO REMAIN. CLEAN UNIT HEATER TO APPEAR AS NEW.
3	NEW 16"X16" SUPPLY DUCT DOWN FROM ROOF. SEE SHEET M-404F FOR MORE INFORMATION.
4	NEW 16" RETURN DUCT TO CONTINUE UP TO DUCT MAIN ON ROOF. SEE SHEET M-404F FOR MORE INFORMATION.
5	NEW DUCTWORK TO BE RAN AS HIGH AS POSSIBLE.



KEY PLAN
1" = 200'-0"

LEGAT ARCHITECTS
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT

2026 FACILITY IMPROVEMENTS

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LOGAN ELEMENTARY SCHOOL
WASHINGTON ELEMENTARY SCHOOL
MOLINE HIGH SCHOOL

ARCHITECT
Legat Architects, Inc.
1515 5th Ave, Suite 108
Moline, IL 61265
P: 309.517.5536
www.legat.com

MEP/FP ENGINEER
RTM Engineering Consultants
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P: 563.726.6310
www.rtmec.com

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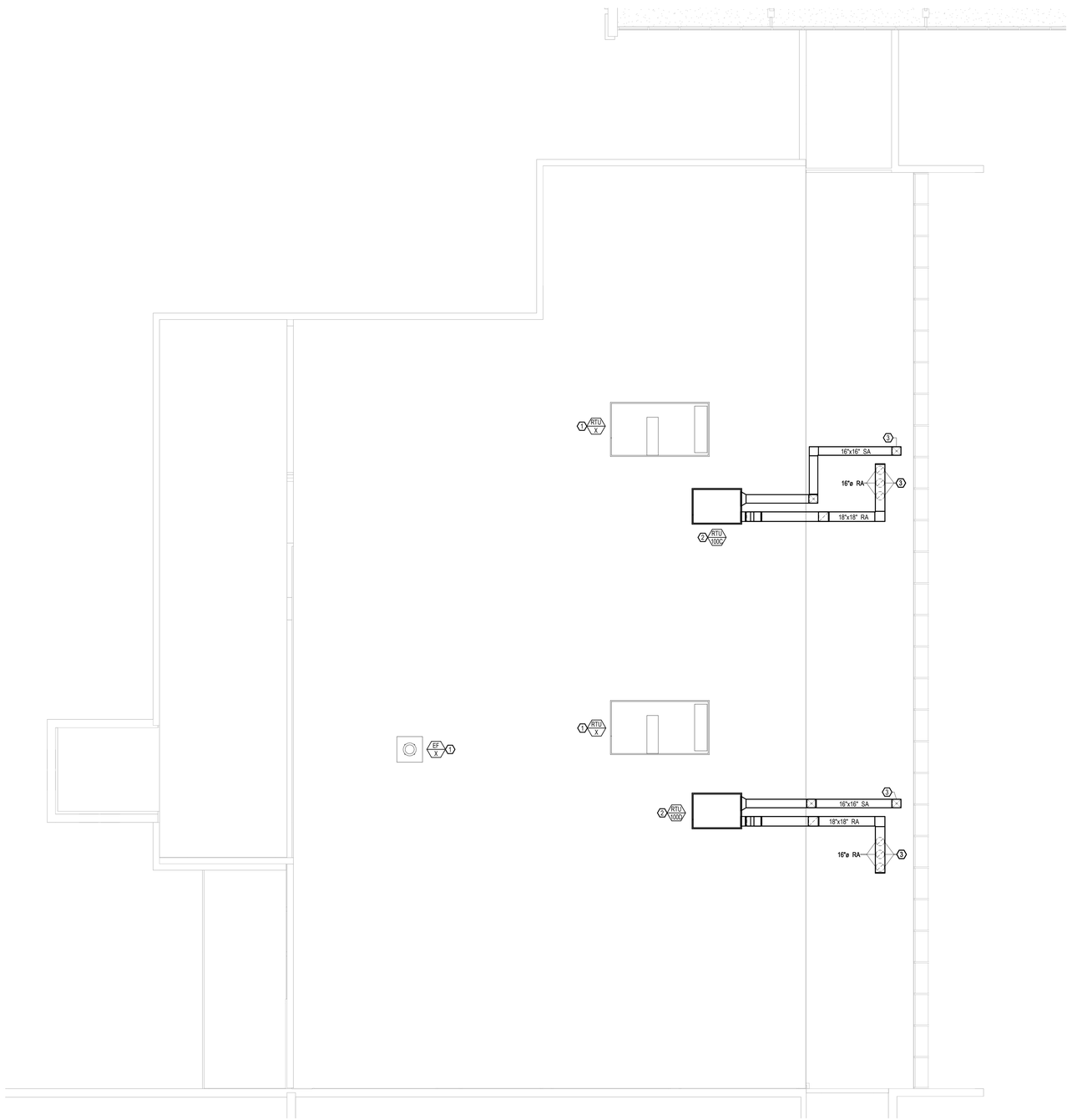
REVIEWED BY	MJB

WING F - MECH FIRST FLOOR HVAC PLAN

M-403F

BIDDING



1 / M-404F — MECHANICAL ROOF PLAN - ENLARGED - F
1/8" = 1'-0"

GENERAL NOTES:

1. DRAWINGS ARE TO BE REVIEWED IN FULL DETAIL WITH SPECIFICATIONS. IN THE EVENT THAT THERE IS CROSS DIRECTION, A REQUEST FOR INFORMATION (RFI) IS TO BE SENT TO THE ENGINEER OF RECORD. AS STATED IN SPECIFICATION DIV 1, THE HIGHER COST OF THE TWO OPTIONS IS TO BE TAKEN AS THE OPTION WHILE AT BID UNLESS CLARIFICATION FROM RFI.
2. ALL MECHANICAL SHEETS SHALL BE REVIEWED AND COORDINATED WITH ALL OTHER TRADES PRIOR TO INSTALLATION.
3. REFER TO SHEET M-000 FOR DUCT AND PIPE INSULATION.
4. ALL DUCTWORK THROUGH STRUCTURAL SUPPORT COLUMNS AND WALLS TO HAVE HOLE CUT FOR DUCTWORK. COORDINATE EXACT SIZE AND LOCATION WITH STRUCTURAL CONTRACTOR.

#	KEYNOTE
1	EXISTING MECHANICAL EQUIPMENT TO REMAIN. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
2	SEE CONTROL SHEET M-501 FOR MORE INFORMATION.
3	NEW 16"X16" SUPPLY DUCT DOWN TO CONTINUE DOWN TO FIRST FLOOR. NEW 16" RETURN DUCT UP FROM FIRST FLOOR. SEE SHEET M-403F FOR MORE INFORMATION.



KEY PLAN
1" = 200'-0"

LEGAT ARCHITECTS
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT

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ARCHITECT
Legat Architects, Inc.
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Moline, IL 61265
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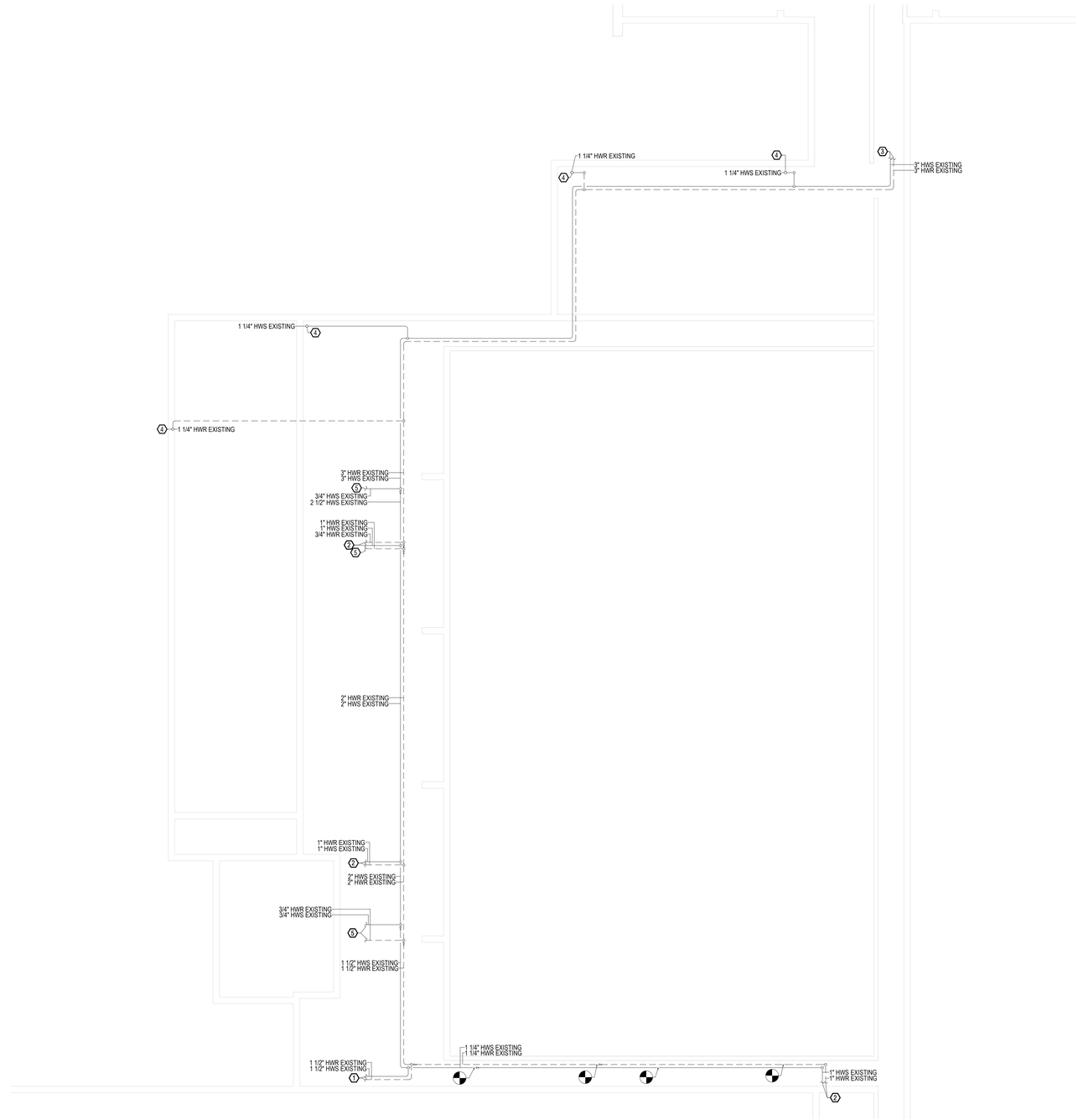
WING F - MECH ROOF PLAN

M-404F

BIDDING



1 M-405F — TUNNEL CONTROLS AND HYDRONIC PIPING PLAN - ENLARGED - F

1/8" = 1'-0"

GENERAL NOTES:

1. DRAWINGS ARE TO BE REVIEWED IN FULL DETAIL WITH SPECIFICATIONS. IN THE EVENT THAT THERE IS CROSS DIRECTION, A REQUEST FOR INFORMATION (RFI) IS TO BE SENT TO THE ENGINEER OF RECORD. AS STATED IN SPECIFICATION DIV 1, THE HIGHER COST OF THE TWO OPTIONS IS TO BE TAKEN AS THE OPTION WHILE AT BID UNLESS CLARIFICATION FROM RFI.
2. ALL MECHANICAL SHEETS SHALL BE REVIEWED AND COORDINATED WITH ALL OTHER TRADES PRIOR TO INSTALLATION.
3. REFER TO SHEET M-000 FOR DUCT AND PIPE INSULATION.
4. ALL DUCTWORK THROUGH STRUCTURAL SUPPORT COLUMNS AND WALLS TO HAVE HOLE CUT FOR DUCTWORK. COORDINATE EXACT SIZE AND LOCATION WITH STRUCTURAL CONTRACTOR.

#	KEYNOTE
1	EXISTING 1-1/2" HWS AND 1-1/2" HWR LINES TO CONTINUE TO FEED THE REST OF THE BUILDING TO REMAIN. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
2	EXISTING 1" HWS AND 1" HWR LINES TO CONTINUE TO FEED THE REST OF THE BUILDING TO REMAIN. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
3	EXISTING 3" HWS AND 3" HWR LINES TO CONTINUE BACK TO BUILDING MAIN TO REMAIN. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
4	EXISTING 1-1/4" HWS AND 1-1/4" HWR LINES TO CONTINUE UP TO FIRST FLOOR TO REMAIN. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
5	EXISTING 3/4" HWS AND 3/4" HWR LINES TO CONTINUE TO FEED THE REST OF THE BUILDING TO REMAIN. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.



KEY PLAN

1" = 200'-0"

LEGAT ARCHITECTS
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT

2026 FACILITY IMPROVEMENTS

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ARCHITECT

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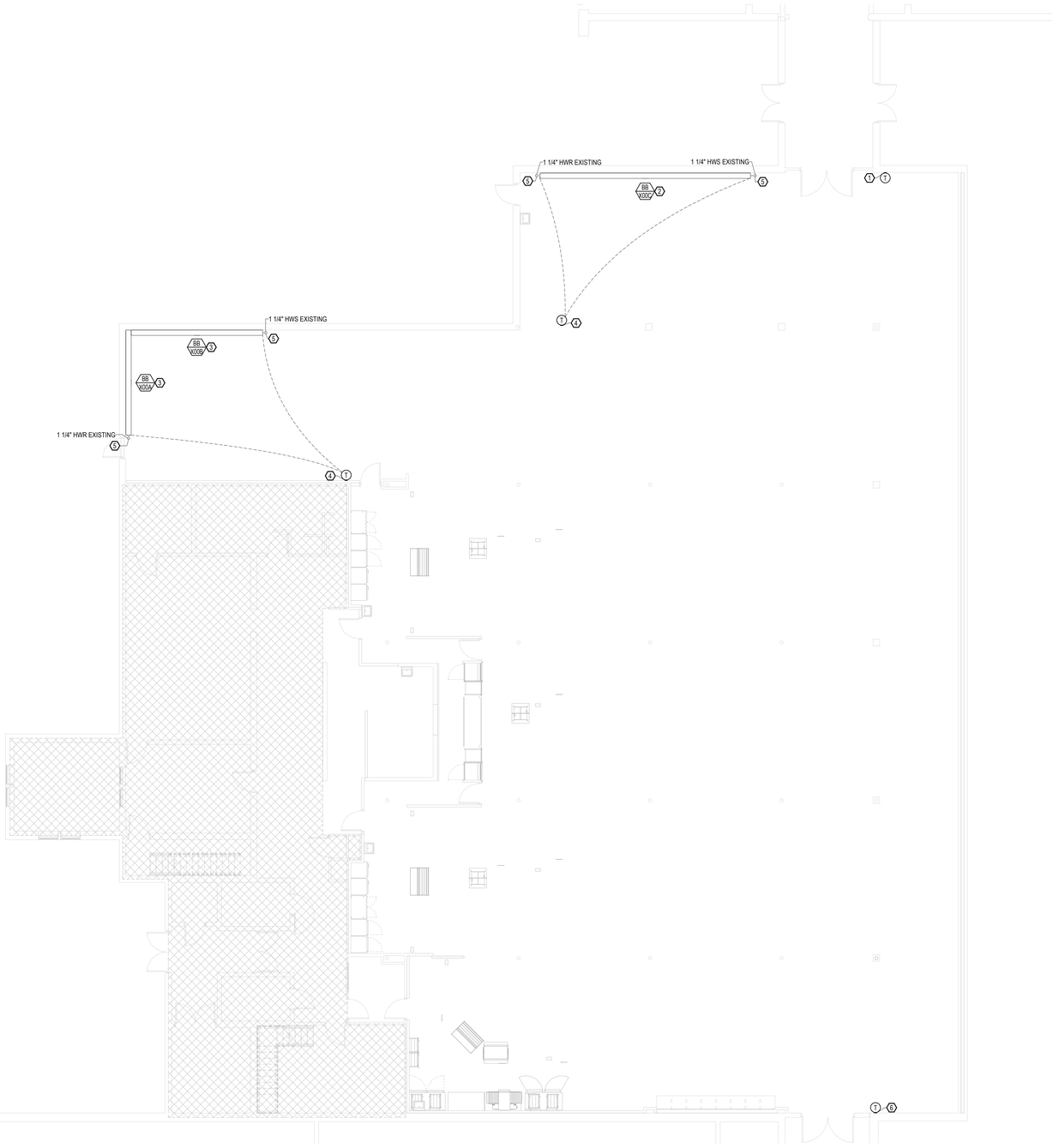
REVIEWED BY	MJB

WING F - MECH TUNNEL CONTROLS AND HYDRONIC PLAN

M-405F

BIDDING



1 M-406F FIRST FLOOR CONTROLS AND HYDRONIC PLAN - ENLARGED - F
1/8" = 1'-0"

GENERAL NOTES:

1. DRAWINGS ARE TO BE REVIEWED IN FULL DETAIL WITH SPECIFICATIONS. IN THE EVENT THAT THERE IS CROSS DIRECTION, A REQUEST FOR INFORMATION (RFI) IS TO BE SENT TO THE ENGINEER OF RECORD. AS STATED IN SPECIFICATION DIV 1, THE HIGHER COST OF THE TWO OPTIONS IS TO BE TAKEN AS THE OPTION WHILE AT BID UNLESS CLARIFICATION FROM RFI.
2. ALL MECHANICAL SHEETS SHALL BE REVIEWED AND COORDINATED WITH ALL OTHER TRADES PRIOR TO INSTALLATION.
3. REFER TO SHEET M-000 FOR DUCT AND PIPE INSULATION.
4. ALL DUCTWORK THROUGH STRUCTURAL SUPPORT COLUMNS AND WALLS TO HAVE HOLE CUT FOR DUCTWORK. COORDINATE EXACT SIZE AND LOCATION WITH STRUCTURAL CONTRACTOR.

#	KEYNOTE
1	NEW DDC THERMOSTAT AND DDC WIRING TO CONNECT TO ROOFTOP UNIT RTU 100C ON ROOF. PROVIDE THERMOSTAT WITH LOCKABLE COVER.
2	NEW BASEBOARD HEAER TO BE INSTALLED IN THE SAME LOCATION AS EXISTING. EXISTING CORRESPONDING HYDRONIC PIPING, CONTROL WIRING, AND THERMOSTAT TO BE RECONNETED.
3	EXISTING HYDRONIC UNIT HEATER HOUSING TO REMAIN. EXISTING HOUSING TO HAVE NEW HEATING COIL INSTALLED. EXISTING CORRESPONDING HYDRONIC PIPING, CONTROL WIRING, AND THERMOSTAT TO REMAIN. CLEAN UNIT HEATER TO APPEAR AS NEW.
4	EXISTING THERMOSTAT TO REMAIN. FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK.
5	EXISTING 1-1/4" HWS AND 1-1/4" HWR LINES UP FROM TUNNEL TO REMAIN. SEE SHEET M-405F FOR MORE INFORMATION.
6	NEW DDC THERMOSTAT AND DDC WIRING TO CONNECT TO ROOFTOP UNIT RTU 100D ON ROOF. PROVIDE THERMOSTAT WITH LOCKABLE COVER.



KEY PLAN
1" = 200'-0"

LEGAT ARCHITECTS
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT

2026 FACILITY IMPROVEMENTS

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ARCHITECT
Legat Architects, Inc.
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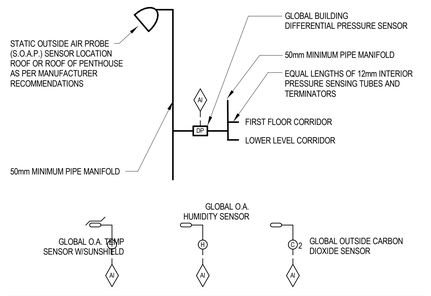
REVIEWED BY	MJB

WING F - MECH FIRST FLOOR CONTROLS AND HYDRONIC PIPING PLAN

M-406F

BIDDING



GLOBAL REFERENCE POINTS:

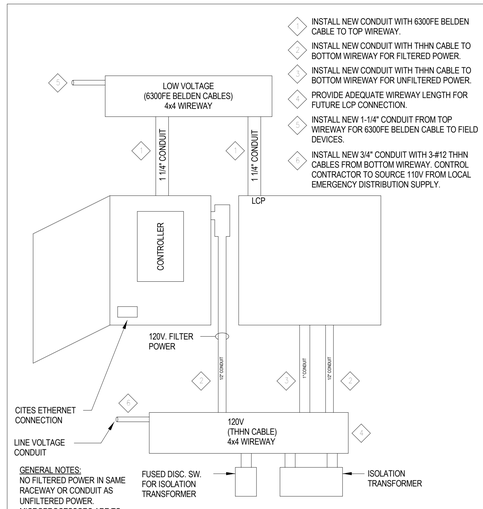
OUTSIDE AIR REFERENCE DRY BULB TEMPERATURE:
- LOCATE ON THE EXTERIOR NORTH SIDE OF THE BUILDING. LOCATION MUST BE SHADED AWAY FROM ANY HEAT SOURCE. LOCATION TO BE DETERMINED PER MANUFACTURER'S RECOMMENDATIONS AND ARCHITECT/ENGINEER'S APPROVAL. CONTRACTOR SHALL PRIME AND PAINT THE DEVICE ENCLOSURE. COLOR SELECTION BY ARCHITECT/ ENGINEER.

OUTSIDE AIR REFERENCE CARBON DIOXIDE:
- LOCATE ON THE EXTERIOR OF THE BUILDING. LOCATION TO BE DETERMINED PER MANUFACTURER'S RECOMMENDATIONS AND ARCHITECT/ENGINEER'S APPROVAL. CONTRACTOR SHALL PRIME AND PAINT THE DEVICE ENCLOSURE. COLOR SELECTION BY ARCHITECT.

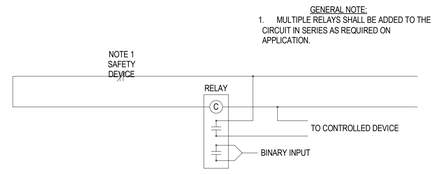
OUTSIDE AIR REFERENCE HUMIDITY:
- LOCATE ON THE EXTERIOR OF THE BUILDING. LOCATION TO BE DETERMINED PER MANUFACTURER'S RECOMMENDATIONS AND ARCHITECT/ENGINEER'S APPROVAL. CONTRACTOR SHALL PRIME AND PAINT THE DEVICE ENCLOSURE. COLOR SELECTION BY ARCHITECT.

BUILDING DIFFERENTIAL PRESSURE:
- INPUTS TO THE DIFFERENTIAL PRESSURE SENSOR SHALL BE THE AVERAGE OUTSIDE AIR PRESSURE AND THE AVERAGE INTERIOR AIR PRESSURE. PIPING BY HEATING CONTRACTOR. FINAL LOCATIONS (MINIMUM 4) TO BE DETERMINED PER MANUFACTURER'S RECOMMENDATIONS AND ARCHITECT/ENGINEER'S APPROVAL. CONTRACTOR SHALL PRIME AND PAINT THE DEVICE ENCLOSURES. COLOR SELECTION BY ARCHITECT.

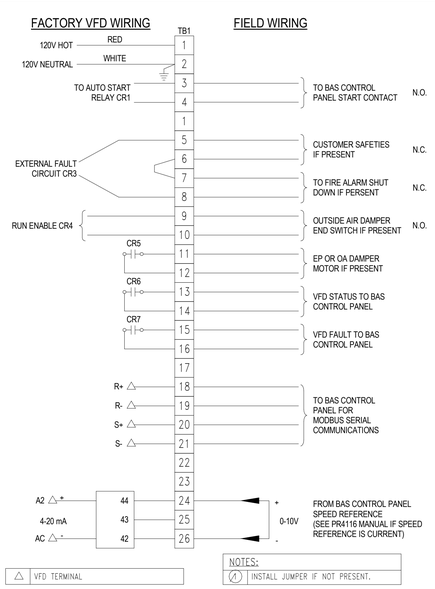
1 BUILDING PRESSURE SENSOR (S.O.A.P.)
NOT TO SCALE



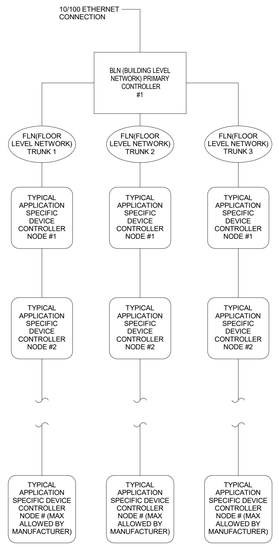
2 DDC PANEL INSTALLATION DETAIL
NOT TO SCALE



3 GENERAL SAFETY CIRCUIT
NOT TO SCALE



4 FACTORY VFD WIRING TO FIELD WIRING TERMINAL STRIP
NOT TO SCALE



NOTES

1. BUILDING LEVEL NETWORK. DEFINED AS A NETWORK OF NATIVE ETHERNET SDC CONTROLLERS IN A BUILDING CONTROLLING MAJOR HVAC EQUIPMENT SUCH AS AIR HANDLING UNITS, HEATING SYSTEMS, COOLING SYSTEMS ETC. THESE PANELS SHALL COMMUNICATE NATIVELY WITH EACH OTHER TO SHARE DATA WITHOUT THE NEED FOR INTERFACING WITH A SERVER FOR THE PURPOSES OF HANDLING LOCAL BUILDING CONTROLS.
2. TWO 10/100 ETHERNET NETWORK JACKS SHALL BE INSTALLED AT EACH LOCATION OF A PRIMARY CONTROLLER FOR THE PURPOSE OF CONNECTING THE PRIMARY CONTROLLER AND THE ADDITIONAL JACK FOR THE PURPOSE OF A LOCAL PROGRAMMER/OPERATOR LAPTOP INTERFACE TO THE SYSTEM FOR THE PURPOSE OF COMMISSIONING AND TROUBLESHOOTING.
3. FLOOR LEVEL NETWORKS SHALL BE A RS-485 TWISTED PAIR SHIELDED NETWORK USING EITHER AN APPROVED VENDOR SPECIFIC PROPRIETARY PROTOCOL OR BACNET MSTP (MASTER/SLAVE TOKEN PASSING) PROTOCOL. THE NUMBER OF FLOOR LEVEL NETWORKS AND NUMBER OF NODES SHALL NOT EXCEED VENDOR SPECIFIC REQUIREMENTS FOR THEIR SYSTEMS.
4. APPLICATION SPECIFIC DEVICES ARE TYPICALLY VARIABLE REFRIGERANT FREQUENCY UNITS (VRF), CABINET UNIT HEATERS (CUH), BASEBOARD HEATERS (BB), OR SECONDARY CONTROLLERS SUPPORTED OFF THE FLOOR LEVEL NETWORK COMMUNICATION BUS.
5. EACH SDC AND ASD CONTROLLER SHALL PROVIDE A PROGRAMMING / OPERATOR INTERFACE PORT FOR THE LOCAL CONNECTION OF A LAPTOP SERVICE TOOL TO ALLOW FIELD PROGRAMMING OR OPERATION OF THE SYSTEMS LOCALLY BY AN OPERATOR OR PROGRAMMER.

5 TYPICAL BAS (BUILDING AUTOMATION SYSTEM) NETWORK ARCHITECTURE
NOT TO SCALE

CONTROLS SYMBOLS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
AI POINT NAME / POINT NAME AO	DDC POINT DESCRIPTOR WITH NAME AI - ANALOG INPUT DI - DIGITAL INPUT AO - ANALOG OUTPUT DO - DIGITAL OUTPUT	AHU OR EQ. NO. 4 / 10 ZONE NUMBER	ZONE DESCRIPTOR		THREE WAY CONTROL VALVE
TS1	TEMPERATURE SENSOR WITH AVERAGING ELEMENT	480V / 120V	CONTROL TRANSFORMER	ACT	DAMPER ACTUATOR
TS1	TEMPERATURE SENSOR WITH SINGLE POINT ELEMENT	MS EP1 S	RELAY COILS	AQ1	DUCT AIR QUALITY SENSOR
TS1	TEMPERATURE SENSOR WITH PIPE WELL		FUSE	HLH	HIGH LIMIT HUMIDISTAT
HS1	HUMIDITY SENSOR	OL	THERMAL OVERLOAD	TDR	TIME DELAY RELAY DELAY ON MAKE OR BREAK
FZ1	LOW TEMPERATURE SWITCH (FREEZESTAT)		NORMALLY OPEN AND NORMALLY CLOSED CONTACTS	HST	DUCT MOUNTED HUMIDISTAT
FS1	HIGH TEMPERATURE SWITCH (FIRESTAT)	HAND / AUTO / OFF	HAND-OFF-AUTO SELECTOR SWITCH	FOI	FIBER OPTIC INTERFACE
SD1	SMOKE DETECTOR		WIRING DESIGNATION. (NO. OF HATCHES INDICATES NO. OF CONDUCTORS)	DCS	NEW DIGITAL CONTROL STATION
				OCC	OCCUPANCY SENSOR
DPS1	DIFFERENTIAL PRESSURE SWITCH		WIRING CONNECTION		
M	MAIN AIR SUPPLY	ON-OFF	ON-OFF SELECTOR SWITCH		
(P1) M	CURRENT TO PNEUMATIC TRANSDUCER	T	ROOM TEMPERATURE SENSOR AS SHOWN ON FLOOR PLANS		AIR FLOW MONITORING STATION
	TWO WAY CONTROL VALVE	H	ROOM HUMIDITY SENSOR AS SHOWN ON FLOOR PLANS	FAR	FIRE ALARM RELAY
ST	STARTER	PS	PRESSURE SENSOR AS SHOWN ON FLOOR PLANS		

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CONTROLS LEGEND

M-500
BIDDING

MANUFACTURER RECOMMENDED UNIT CONTROLLER:
THE MANUFACUTER RECOMMENDED UNIT CONTROLLER SHALL COMMUNICATE WITH THE RTU CONTROLLER AND SHALL SEND THE CONTROLLER OCCUPIED BYPASS, MORNING WARM-UP/PRE-COOL, OCCUPIED/UNOCCUPIED AND HEAT/COOL MODES. IF A BAS IS NOT PRESENT, OR COMMUNICATION IS LOST WITH THE BAS THE CONTROLLER SHALL OPERATE USING DEFAULT MODES AND SETPOINTS.

OCCUPIED MODE:
DURING OCCUPIED PERIODS, THE SUPPLY FAN SHALL RUN CONTINUOUSLY AND THE OUTSIDE AIR DAMPER SHALL OPEN TO MAINTAIN MINIMUM VENTILATION REQUIREMENTS. THE UNIT CONTROLLER SHALL CONTROL THE SUPPLY FAN SPEED TO MAINTAIN THE CURRENT DUCT STATIC PRESSURE SETPOINT (ADJ). THE DX COOLING SHALL STAGE AND GAS HEAT SHALL MODULATE TO MAINTAIN THE CURRENT DISCHARGE AIR TEMPERATURE SETPOINT. IF ECONOMIZING IS ENABLED THE OUTSIDE AIR DAMPER SHALL MODULATE TO MAINTAIN THE CURRENT DISCHARGE AIR TEMPERATURE SETPOINT.

UNOCCUPIED MODE:
WHEN THE SPACE TEMPERATURE IS BELOW THE UNOCCUPIED HEATING SETPOINT OF 65°F (ADJ) THE SUPPLY FAN SHALL START, THE OUTSIDE AIR DAMPER SHALL REMAIN CLOSED AND THE GAS HEAT SHALL BE ENABLED. WHEN THE SPACE TEMPERATURE RISES ABOVE THE UNOCCUPIED HEATING SETPOINT OF 65°F (ADJ) PLUS THE UNOCCUPIED DIFFERENTIAL OF 5°F (ADJ) THE SUPPLY FAN SHALL STOP AND THE GAS HEAT SHALL BE DISABLED.

WHEN THE SPACE TEMPERATURE IS ABOVE THE UNOCCUPIED COOLING SETPOINT OF 80°F (ADJ) THE SUPPLY FAN SHALL START, THE OUTSIDE AIR DAMPER SHALL OPEN IF ECONOMIZING IS ENABLED AND REMAIN CLOSED IF ECONOMIZING IS DISABLED AND THE DX COOLING SHALL BE ENABLED. WHEN THE SPACE TEMPERATURE FALLS BELOW THE UNOCCUPIED COOLING SETPOINT OF 80°F (ADJ) MINUS THE UNOCCUPIED DIFFERENTIAL OF 5°F (ADJ) THE SUPPLY FAN SHALL STOP, THE DX COOLING SHALL BE DISABLED AND THE OUTSIDE AIR DAMPER SHALL CLOSE.

OPTIMAL START:
THE BAS SHALL MONITOR THE SCHEDULED OCCUPIED TIME, OCCUPIED SPACE SETPOINTS AND SPACE TEMPERATURE TO CALCULATE WHEN THE OPTIMAL START OCCURS.

MORNING WARM-UP MODE:
DURING OPTIMAL START, IF THE AVERAGE SPACE TEMPERATURE IS BELOW THE OCCUPIED HEATING SETPOINT A MORNING WARM-UP MODE SHALL BE ACTIVATED. WHEN MORNING WARM-UP IS INITIATED THE UNIT SHALL ENABLE THE HEATING AND SUPPLY FAN. THE OUTSIDE AIR DAMPER SHALL REMAIN CLOSED. WHEN THE AVERAGE SPACE TEMPERATURE REACHES THE OCCUPIED HEATING SETPOINT (ADJ), THE UNIT SHALL TRANSITION TO THE OCCUPIED MODE.

PRE-COOL MODE:
DURING OPTIMAL START, IF THE AVERAGE SPACE TEMPERATURE IS ABOVE THE OCCUPIED COOLING SETPOINT, PRE-COOL MODE SHALL BE ACTIVATED. WHEN PRE-COOL IS INITIATED THE UNIT SHALL ENABLE THE FAN AND COOLING OR ECONOMIZER. THE OUTSIDE AIR DAMPER SHALL REMAIN CLOSED, UNLESS ECONOMIZING. WHEN THE AVERAGE SPACE TEMPERATURE REACHES OCCUPIED COOLING SETPOINT (ADJ), THE UNIT SHALL TRANSITION TO THE OCCUPIED MODE.

OPTIMAL STOP:
THE BAS SHALL MONITOR THE SCHEDULED UNOCCUPIED TIME, OCCUPIED SETPOINTS AND SPACE TEMPERATURE TO CALCULATE WHEN THE OPTIMAL STOP OCCURS. WHEN THE OPTIMAL STOP MODE IS ACTIVE THE UNIT CONTROLLER SHALL MAINTAIN THE SPACE TEMPERATURE TO THE SPACE TEMPERATURE OFFSET SETPOINT.

OCCUPIED BYPASS:
THE BAS SHALL MONITOR THE STATUS OF THE "ON" AND "CANCEL" BUTTONS OF THE SPACE TEMPERATURE SENSORS. WHEN AN OCCUPIED BYPASS REQUEST IS RECEIVED FROM A SPACE SENSOR, THE UNIT SHALL TRANSITION FROM ITS CURRENT OCCUPANCY MODE TO OCCUPIED BYPASS MODE AND THE UNIT SHALL MAINTAIN THE SPACE TEMPERATURE TO THE OCCUPIED SETPOINTS (ADJ).

ECONOMIZER:
THE SUPPLY AIR SENSOR SHALL MEASURE THE DRY BULB TEMPERATURE OF THE AIR LEAVING THE EVAPORATOR COIL WHILE ECONOMIZING. WHEN ECONOMIZING IS ENABLED AND THE UNIT IS OPERATING IN THE COOLING MODE, THE ECONOMIZER DAMPER SHALL BE MODULATED BETWEEN ITS MINIMUM POSITION AND 100% TO MAINTAIN THE DISCHARGE AIR TEMPERATURE SETPOINT. THE ECONOMIZER DAMPER SHALL MODULATE TOWARD MINIMUM POSITION IN THE EVENT THE MIXED AIR TEMPERATURE FALLS BELOW THE LOW LIMIT TEMPERATURE SETTING. COMPRESSORS SHALL BE DELAYED FROM OPERATING UNTIL THE ECONOMIZER HAS OPENED TO 100%.

REFERENCE DRY BULB:
OUTSIDE AIR (OA) TEMPERATURE SHALL COMPARED WITH A REFERENCE DRY BULB SETPOINT. THE ECONOMIZER SHALL ENABLE WHEN THE OA TEMPERATURE IS LESS THAN REFERENCE DRY BULB SETPOINT (ADJ). THE ECONOMIZER SHALL BE DISABLED WHEN OA TEMPERATURE IS GREATER THAN REFERENCE DRY BULB SETPOINT + 5°F (ADJ).

SUPPLY FAN:
THE SUPPLY FAN SHALL BE ENABLED WHILE IN THE OCCUPIED MODE AND CYCLED ON DURING THE UNOCCUPIED MODE. A DIFFERENTIAL PRESSURE SWITCH SHALL MONITOR THE DIFFERENTIAL PRESSURE ACROSS THE FAN. IF THE SWITCH DOES NOT OPEN WITHIN 40 SECONDS AFTER A REQUEST FOR FAN OPERATION A FAN FAILURE ALARM SHALL BE ANNUNCIATED AT THE RECOMMENDED UNIT CONTROLLER, THE UNIT SHALL STOP, REQUIRING A MANUAL RESET.

SUPPLY DUCT STATIC PRESSURE CONTROL:
THE UNIT CONTROLLER SHALL MODULATE THE SUPPLY FAN OUTPUT AS REQUIRED TO MAINTAIN THE DUCT STATIC PRESSURE SETPOINT. IF THE DUCT STATIC PRESSURE FALLS BELOW THE SUPPLY AIR STATIC SETPOINT + 5F DEADBAND, THE UNIT CONTROLLER SHALL INCREASE THE OUTPUT TO THE SUPPLY FAN TO MAINTAIN SETPOINT. IF THE DUCT STATIC PRESSURE RISES ABOVE THE SUPPLY AIR STATIC SETPOINT + DEADBAND, THE UNIT CONTROLLER SHALL DECREASE THE OUTPUT TO THE SUPPLY FAN TO MAINTAIN SETPOINT.

DUCT STATIC OPTIMIZATION, IN COMPLIANCE WITH ASHRAE 90.1, SHALL BE EMPLOYED. THE UNIT DUCT STATIC PRESSURE SETPOINT SHALL RESET IN RESPONSE TO ZONE DAMPER POSITION KEEPING THE CRITICAL ZONE DAMPER AT LEAST 75% OPEN (ADJ) IN EFFORT TO PREVENT DUCT OVERPRESSURIZATION.
IF FOR ANY REASON THE SUPPLY AIR PRESSURE EXCEEDS THE FIXED SUPPLY AIR PRESSURE LIMIT OF 2 INCHES OF W.C. THE SUPPLY FAN SHALL SHUT DOWN. THE UNIT SHALL BE ALLOWED TO RESTART THREE TIMES. IF THE OVERPRESSURIZATION CONDITION OCCURS ON THE FOURTH RESTART, THE UNIT SHALL SHUT DOWN AND A MANUAL RESET DIAGNOSTIC IS DISPLAYED AT THE REMOTE PANEL .

DISCHARGE AIR TEMPERATURE RESET:
THE DISCHARGE AIR TEMPERATURE SHALL RESET LINEARLY UPWARDS FROM 55°F (ADJ) TO 60°F (ADJ) FROM AMBIENT TEMPERATURES OF 65°F (ADJ) TO 55°F (ADJ).

DISCHARGE AIR TEMPERATURE TEMPERING (UNIT HEAT) SHALL BE ENABLED AND SET TO 65°F (ADJ) AT AMBIENT TEMPERATURES OF 35°F AND BELOW DURING OCCUPIED PERIODS. DAT TEMPERING SHALL BE OVERRIDDEN BY ANY ZONE DAMPER POSITION OPENING TO 95% FOR MORE THAN 10 MINUTES (ADJ).

BUILDING PRESSURE CONTROL:
THE POWER EXHAUST SHALL ENABLE WHEN THE ECONOMIZER DAMPER POSITION IS EQUAL TO OR GREATER THAN THE EXHAUST FAN SETPOINT. BUILDING PRESSURE TO BE SET AT 0.03 W.C IF SENSOR DETECTS BUILDING PRESSURE ABOVE SET POINT EXHAUST FAN TO BE ACTIVE AND DAMPER TO OPEN TO INCREASE EXHAUST. EXHAUST FAN TO RUN FOR 30 MIN AFTER BUILDING PRESSURE SENSOR IS SATISFIED.

FILTER STATUS:
A DIFFERENTIAL PRESSURE SWITCH SHALL MONITOR THE DIFFERENTIAL PRESSURE ACROSS THE FILTER WHEN THE FAN IS RUNNING. IF THE SWITCH CLOSES FOR 2 MINUTES AFTER A REQUEST FOR FAN OPERATION A DIRTY FILTER ALARM SHALL BE ANNUNCIATED AT THE RECOMMENDED UNIT CONTROLER.

DEHUMIDIFICATION:
ZONE HUMIDITY SHALL BE MONITORED BY THE RECOMENDED UNIT CONTROLLER . IF ANY ZONE RH LEVELS INCREASE TO 55% OR GREATER, DAT SHALL BE COMMANDED TO 53°F (ADJ) AND ANY DAT RESET SEQUENCE SHALL BE DISABLED.

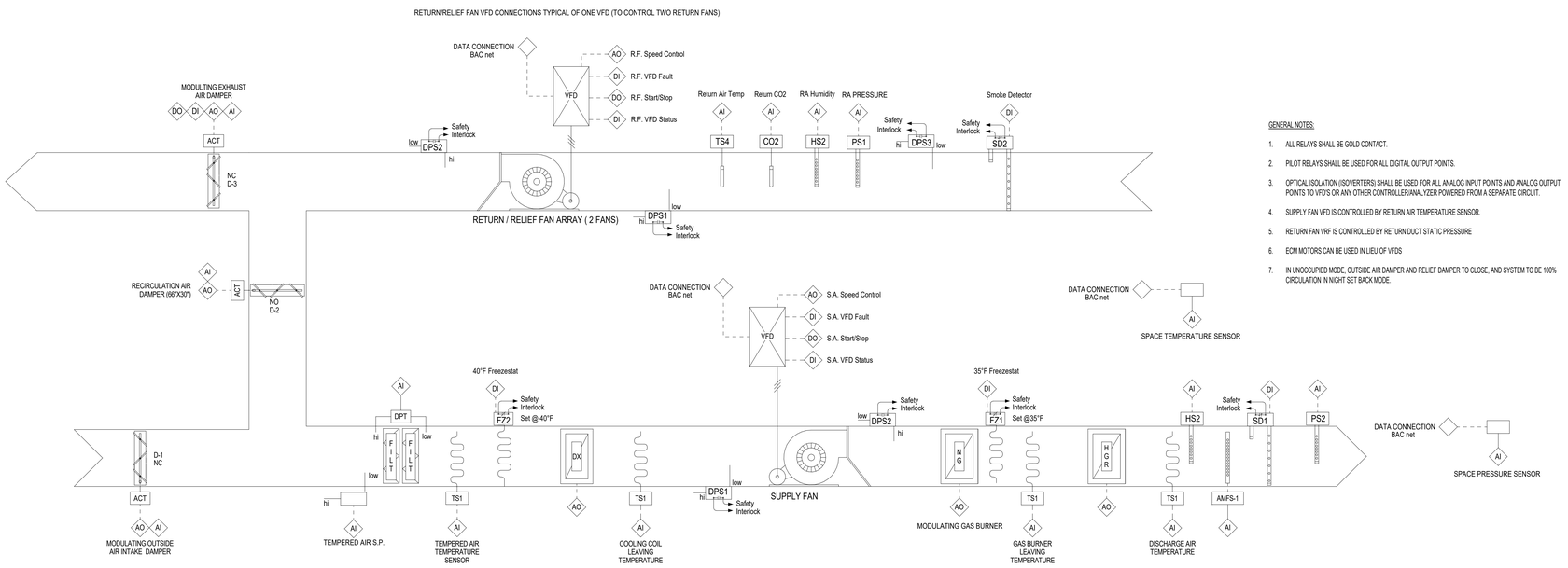
ROOF TOP UNIT - SINGLE ZONW

	INPUTS: ANALOG: TEMPERATURE SENSOR	HUMIDITY SENSOR	PRESSURE	AIRFLOW MEASUREMENT	SETPOINT ADJUST	POSITION FEEDBACK	OTHER	INPUTS: DIGITAL: DIFFERENTIAL PRESSURE SWITCH	FLOW SWITCH	CURRENT SWITCH	THERMOSTAT	HUMIDISTAT	STATUS	ALARM	OVERRIDE	OTHER	OUTPUTS: ANALOG: MODULATING	SETPOINT	VARIABLE SPEED	OTHER	OUTPUTS: DIGITAL: ENABLE/DISABLE	START/STOP	OPEN/CLOSE	OTHER	SYSTEM FEATURES: ALARMS: HIGH ANALOG	LOW ANALOG	OFF NORMAL	AUTO/MAN SEQUENCE	RUNTIME	MISCELLANEOUS: TREND	OPTIMAL START	SCHEDULING	ASHRAE 90.1	SYSTEM GRAPHIC	CUSTOM REPORT	NOTES
OUTSIDE AIR TEMPERATURE	X																													X	X				X	
OUTSIDE AIR HUMIDITY		X																												X	X				X	
OUTSIDE AIR DAMPER					X																									X	X				X	
EXTERIOR OUTSIDE INCOMING AIR DAMPER													X										X				X	X					X	X		1
RETURN AIR PRESSURE SENSOR		X																							X	X				X				X		
FILTER DIFFERENTIAL PRESSURE TRANSMITTER		X																							X					X				X		
TEMPERED AIR STATIC PRESSURE TRANSMITTER		X																							X	X				X				X		
TEMPERED AIR TEMPERATURE	X																								X		X			X				X		
SAFETY LOW LIMIT THERMOSTAT - 40 DEGREES F									X																		X	X						X		
COOLING COIL LEAVING TEMPERATURE SENSOR	X																								X	X				X				X		
SUPPLY FAN LOW-PRESSURE STATIC PRESSURE SWITCH								X																			X	X					X	X		1
SUPPLY FAN START-STOP																							X						X			X		X		
SUPPLY FAN VFD																																				3
SUPPLY FAN VFD STATUS													X														X		X							
SUPPLY FAN VFD FAULT														X													X									
SUPPLY FAN SPEED CONTROL																			X										X					X		
SUPPLY FAN HIGH-PRESSURE STATIC PRESSURE SWITCH								X																			X	X					X	X		
SAFETY LOW LIMIT THERMOSTAT - 35 DEGREES F									X																		X	X					X	X		
GAS HEAT BURNER LEAVING TEMPERATURE SENSOR	X																								X	X				X				X		
DISCHARGE AIR TEMPERATURE	X																								X	X				X				X		
DISCHARGE AIR HUMIDITY		X																							X	X				X				X		
SUPPLY AIRFLOW			X																						X	X				X				X		
DISCHARGE AIR DUCT DETECTOR														X													X	X						X	X	2
DISCHARGE AIR PRESSURE SENSOR		X																							X	X				X				X		
RETURN AIR SMOKE DETECTOR														X													X	X						X	X	2
RETURN AIR HUMIDITY		X																							X	X				X				X		
RETURN AIR TEMPERATURE	X								X																X	X	X	X		X				X		1
RETURN FAN START-STOP										X													X						X					X		
RETURN FAN VFD																																				3
RETURN FAN VFD STATUS													X														X		X							
RETURN FAN VFD FAULT														X													X							X	X	
RETURN FAN SPEED CONTROL																			X										X					X		
RETURN FAN HIGH-PRESSURE STATIC PRESSURE SWITCH								X																			X	X					X	X		1
RETURN FAN DISCHARGE STATIC PRESSURE TRANSMITTER		X																							X	X				X				X		
EXHAUST AIR DAMPER					X																									X				X		
EXTERIOR EXHAUST DISCHARGE DAMPER													X										X				X	X					X	X		1
RETURN AIR TEMPREATURE SENSOR									X																											

NOTES:
1. **THIS POINT SHALL BE HARDWIRED TO FAN SHUTDOWN.**
2. **SMOKE DETECTORS SHALL HAVE STAND ALONE RELAYS (HTRI's) HARD WIRED TO BUILDING FIRE ALARM SYSTEM BY OTHERS. WHEN SMOKE DETECTORS ARE ENGAGED, THERE SIGNALS TO INITIATE THE SHUTDOWN FUNCTION OF THE RTU**
3. **PROVIDE A FULL BACNET CONNECTION TO EACH VFD. PROVIDE ALARM STATUS, OPERATING AMPS, HP, SPEED, ETC ON THE SYSTEM GRAPIC**

ATTENTION:
THESE CONTROL SHEETS SHOW SEQUENCE OF OPERATION THAT FIELD START UP SHALL PROGRAM INTO EQUIPMENT WITH FACTORY CONTROLS.

RETURN/RELIEF FAN VFD CONNECTIONS TYPICAL OF ONE VFD (TO CONTROL TWO RETURN FANS)



GENERAL NOTES:

1. ALL RELAYS SHALL BE GOLD CONTACT.
2. PILOT RELAYS SHALL BE USED FOR ALL DIGITAL OUTPUT POINTS.
3. OPTICAL ISOLATION (ISOVERTERS) SHALL BE USED FOR ALL ANALOG INPUT POINTS AND ANALOG OUTPUT POINTS TO VFD'S OR ANY OTHER CONTROLLER/ANALYZER POWERED FROM A SEPARATE CIRCUIT.
4. SUPPLY FAN VFD IS CONTROLLED BY RETURN AIR TEMPERATURE SENSOR.
5. RETURN FAN VRF IS CONTROLLED BY RETURN DUCT STATIC PRESSURE
6. ECM MOTORS CAN BE USED IN LIEU OF VFDS
7. IN UNOCCUPIED MODE, OUTSIDE AIR DAMPER AND RELIEF DAMPER TO CLOSE, AND SYSTEM TO BE 100% CIRCULATION IN NIGHT SET BACK MODE.

ROOF TOP UNIT TYPICAL

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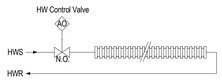
RTU CONTROL DIAGRAM

M-501

BIDDING



CONTROL VALVE TO BE TIED INTO BAS FOR MODULATION BASED ON OA TEMPERATURE. WHEN OUTSIDE AIR TEMPERATURE IS 40F OR BELOW, VALVE SHALL OPEN. WHEN TEMPERATURE IS 40F OR ABOVE, VALVE SHALL CLOSE

STAND ALONE BASEBOARD HEATER

CONTROL POINT SUMMARY FOR HEATERS (TYPICAL)

CONTROL POINTS	DISC HARD WIRED POINTS			BAS APPLICATION					ALARMING SCENARIOS				ALARM PRIORITIES			
	BINARY INPUTS (DI)	BINARY OUTPUTS (DO)	ANALOG INPUTS (AI)	ANALOG OUTPUTS (AO)	FIXED DIGGING	BUS TIME ACCOMPLISHMENT	OPERATION SCHEDULE	SYSTEM DISPLAYED	USER DEFENSE	OUT OF RANGE	PLANT STATUS	COMMAND FAILURE	CALCULATED EVENT	NOTIFICATION	MINOR	MAJOR	CRITICAL	NOTES
ZONE SPACE TEMPERATURE			*		*					*				*			
ZONE SPACE TEMPERATURE SET POINT			*		*					*				*			
NOTES:																	

CABINET UNIT HEATER ELECTRIC Sequence of Operations

A. General: A unit mounted thermostat will cycle the staged electric heating to maintain an adjustable setpoint.
B. Provide a space temperature sensor to monitor the temperature of the room through the BAS.
B.A. Existing building temperature controls are JCI. Must connect to existing building JCI system.



TYPICAL FOR CABINET HEATER

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HYDRONIC UNIT HEATER AND BASEBOARD HEATER CONTROL DIAGRAM

M-502
BIDDING

GRILLE, REGISTER, AND DIFFUSER SCHEDULE

TAG	AIR STREAM	MOUNTING TYPE	INLET SIZE (IN) DIA.	INLET SIZE (IN) HEIGHT	INLET SIZE (IN) WIDTH	FRAME SIZE HEIGHT	FRAME SIZE WIDTH	MANUFACTURER	MODEL NO.	REMARKS
A	SUPPLY	DUCT		6"	16"	0' - 7 1/2"	1' - 5 1/2"	TITUS	301RL	ALL
B	RETURN	CEILING	16"			2' - 0"	2' - 0"	TITUS	PAR	1,3

REMARKS:
1. PROVIDE ADAPTOR BOOTS AS REQUIRED.
2. PROVIDE WITH MANUAL VOLUME BALANCE DAMPER.
3. COORDINATE FRAME STYLES WITH ARCHITECTURAL PLANS.
4. REFER TO PLAN FOR FACE AND DUCT SIZING.

HOT WATER BASEBOARD HEATER SCHEDULE

TAG	LOCATION	DESIGN AIR TEMPS SUMMER DB°F	DESIGN AIR TEMPS SUMMER WB°F	DESIGN AIR TEMPS WINTER DB°F	HEATING CAPACITY AIRFLOW (CFM)	CAPACITY (MBH)	GPM	MAT (DB°F)	LAT (DB°F)	EWT (°F)	LWT (°F)	WPD (FT)	ELECTRICAL DATA HP	RPM	V	PH	HZ	WEIGHT (LBS)	MANUFACTURER	MODEL NO.	REMARKS
BB X00A	CAFETERIA F100	92	76	-3	400	48.1	3	60	97	180	160	0.85	0.10	1075	120	1	60	70	SIGMA	SSF-A-04	ALL
BB X00B	CAFETERIA F100	92	76	-3	300	23.1	3	60	117	180	160	0.57	0.10	1075	120	1	60	70	SIGMA	SSF-A-03	ALL
BB X00C	CAFETERIA F100	92	76	-3	1200	76.2	7	60	94	180	160	7.14	0.10	1075	120	1	60	70	SIGMA	SSF-A-08	ALL

REMARKS:
1. UNIT TO BE PROVIDED WITH THERMOSTAT TO BE TIED INTO CONTROL VALVE FEEDING UNIT AND BAS SYSTEM.
2. UNIT TO BE INSTALLED IN EXISTING HOT WATER CABINET HEATER HOUSING.
3. UNIT TO BE INSTALLED ON WALL.

IMC 2021 VENTILATION SCHEDULE - BUTTERWORTH ELEMENTARY SCHOOL

ROOM NUMBER	ROOM NAME	FLOOR AREA (SF)	ROOM CLASSIFICAITON	DEFAULT OCCUPANCY (#/1000 SF)	# OF PEOPLE	IMC 2021 REQUIREMENTS OA (CFM/PERSON)	IMC 2021 REQUIREMENTS OA (CFM/SF)	IMC 2021 REQUIREMENTS OA (CFM)	IMC 2021 REQUIREMENTS EA (CFM)	ACTUAL SUPPLY (CFM)	ACTUAL OA (CFM)	ACTUAL EXHAUST (CFM)	EQUIPMENT SUPPLY FAN	EQUIPMENT EXHAUST FAN
10	CLOSET	10 SF	STORAGE (INACTIVE)	0	0	0	0.00	0	0	0 CFM	0	0 CFM	-	-
100	ENTRY	161 SF	VESTIBULE	0	0	0	0.00	0	0	0 CFM	0	0 CFM	EXISTING	-
100	LOBBY	384 SF	CORRIDORS	0	0	0	0.06	23	0	275 CFM	55	0 CFM	EXISTING	-
101	RECEPTION	170 SF	RECEPTION AREAS	30	5	5	0.06	35	0	175 CFM	35	0 CFM	EXISTING	-
102	PRINCIPAL	132 SF	OFFICE SPACES	5	1	5	0.06	13	0	125 CFM	25	0 CFM	EXISTING	-
TOTAL		858 SF						71	0	575 CFM	115	0 CFM		

IMC 2021 VENTILATION SCHEDULE - WASHINGTON ELEMENTARY SCHOOL

ROOM NUMBER	ROOM NAME	FLOOR AREA (SF)	ROOM CLASSIFICAITON	DEFAULT OCCUPANCY (#/1000 SF)	# OF PEOPLE	IMC 2021 REQUIREMENTS OA (CFM/PERSON)	IMC 2021 REQUIREMENTS OA (CFM/SF)	IMC 2021 REQUIREMENTS OA (CFM)	IMC 2021 REQUIREMENTS EA (CFM)	ACTUAL SUPPLY (CFM)	ACTUAL OA (CFM)	ACTUAL EXHAUST (CFM)	EQUIPMENT SUPPLY FAN	EQUIPMENT EXHAUST FAN
100A	VESTIBULE	150 SF	VESTIBULE	0	0	0	0.00	0	0	0 CFM	0	0 CFM	CUH XNL	-
TOTAL		150 SF						0	0	0 CFM	0	0 CFM		

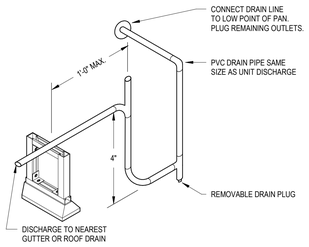
IMC 2021 VENTILATION SCHEDULE - MOLINE HIGH SCHOOL

ROOM NUMBER	ROOM NAME	FLOOR AREA (SF)	ROOM CLASSIFICAITON	DEFAULT OCCUPANCY (#/1000 SF)	# OF PEOPLE	IMC 2021 REQUIREMENTS OA (CFM/PERSON)	IMC 2021 REQUIREMENTS OA (CFM/SF)	IMC 2021 REQUIREMENTS OA (CFM)	IMC 2021 REQUIREMENTS EA (CFM)	ACTUAL SUPPLY (CFM)	ACTUAL OA (CFM)	ACTUAL EXHAUST (CFM)	EQUIPMENT SUPPLY FAN	EQUIPMENT EXHAUST FAN
F100	CAFETERIA	12843 SF	CAFETERIA	100	250	7.5	0.18	4187	0	21250 CFM	4250	0 CFM	EXISTING, RTU 100C,D	-
F103	DISHWASHING	171 SF	KITCHENS (COOKING)	20	4	7.5	0.12	50	121	275 CFM	55	125 CFM	EXISTING	EXISTING
F107	OFFICE	81 SF	OFFICE SPACES	5	1	5	0.06	10	0	75 CFM	15	0 CFM	EXISTING	-
TOTAL		13095 SF						4247	121	21600 CFM	4320	125 CFM		

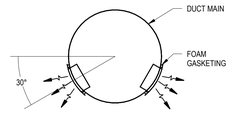
GAS FIRED / DIRECT EXPANSION ROOFTOP UNIT SCHEDULE

TAG	LOCATION	REFRIGERANT DATA REFRIG. TYPE	REFRIG. CHARGE (LBS)	SEER2/EER2/IEER	DESIGN AIR TEMPS SUMMER DB°F	SUMMER WB°F	WINTER DB°F	COOLING CAP. GROSS (MBH)	SENSIBLE (MBH)	EAT (DB°F)	EAT (WB°F)	LAT (DB°F)	LAT (WB°F)	NO OF COMPRESSORS	STAGES	HEATING CAP. INPUT (MBH)	OUTPUT (MBH)	EAT (DB°F)	LAT (DB°F)	AFUE%	STAGES	FAN/MOTOR DATA SUPPLY CFM	SUPPLY OA CFM	SUPPLY HP	SUPPLY ESP (IN W.C.)	RET/EXH CFM	FILTERS TYPE	FILTERS WIDTH (IN)	ELECTRICAL DATA MCA	MOCP	V	PH	HZ	TOTAL WEIGHT (LBS)	MANUFACTURER	MODEL NO.	REMARKS
RTU 100C	ROOF	R-454B	11.75	15.50/12.80/-	92	76	-3	64.3	42.7	79	66	54	52	1	2	120	97	97	112	81	2	1750 CFM	350 CFM	2	1.50 in-wg	1750 CFM	MERV 8	2	22	25	480	3	60	973	JOHNSON CONTROLS	KT061S12R4BFFCEUF1	ALL
RTU 100D	ROOF	R-454B	11.75	15.50/12.80/-	92	76	-3	64.3	42.7	79	66	54	52	1	2	120	97	97	112	81	2	1750 CFM	350 CFM	2	1.50 in-wg	1750 CFM	MERV 8	2	22	25	480	3	60	973	JOHNSON CONTROLS	KT061S12R4BFFCEUF1	ALL

REMARKS:
1. 1 YEAR PARTS WARRANTY.
2. 5 YEAR TOTAL COMPRESSOR WARRANTY.
3. 10 YEAR TOTAL GAS HEAT EXCHANGER WARRANTY.
4. PROVIDE VFDS ON ALL FAN MOTORS.
5. HOT GAS REHEAT REQUIRED.
6. FULL ENTHALPY ECONOMIZER.
7. DUCT MOUNTED HUMIDITY SENSORS.
8. PROVIDE UNIT POWERED 115V GFI RECEPTACLE.
9. PROVIDE ECM MOTORS ON ALL FANS.
10. CONTROLS CONTRACTOR TO PROVIDE MOTOR STARTER.
11. RTU'S TO BE SIDE DISCHARGE.
12. INSTALL LABEL ON UNIT.
13. RTU TO BE PROVIDED WITH BACNET CONNECTION TO CONNECT TO EXISTING BAS SYSTEM. CONTROLS CONTRACTOR TO VERIFY IF HEAD END HAS SIGNIFICANT PROTS FOR NEW UNIT. IF HEAD END DOES NOT HAVE ENOUGH PORTS, HEAD END TO BE REPLACED.
14. PROVIDE NEW FACTORY SUPPLIED STANDARD 24" HIGH FACTORY INSULATED CURB.



6 M-600 CONDENSATE DRAIN FROM RTU
SCALE: N.T.S.



NOTE:
SUPPLY WITH OPTIONAL ASD-AIR SCOOP DAMPER/EXTRACTOR.

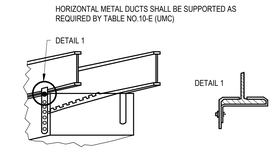
5 M-600 TYPICAL SUPPLY GRILLE MOUNTED ON SPIRAL DUCTWORK
SCALE: N.T.S.



SIZING

MAXIMUM SIDE OF DUCT	STRAP SIZE	VERTICAL SPACING
TO 30"	1"x18" GA.	10'-0" O.C.
OVER 30"	1"x1/8"	10'-0" O.C.

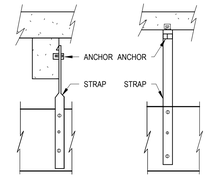
4 M-600 DUCT SUPPORT DETAIL
SCALE: N.T.S.



SIZING

MAXIMUM SIDE OF DUCT TO AND INCLUDING 30"	STRAP SIZE	VERTICAL SPACING
OVER 30"	1"x18" GA.	10'-0" O.C.
	1"x1/8"	10'-0" O.C.

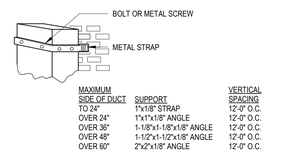
3 M-600 DUCT SUPPORT DETAIL
SCALE: N.T.S.



SIZING

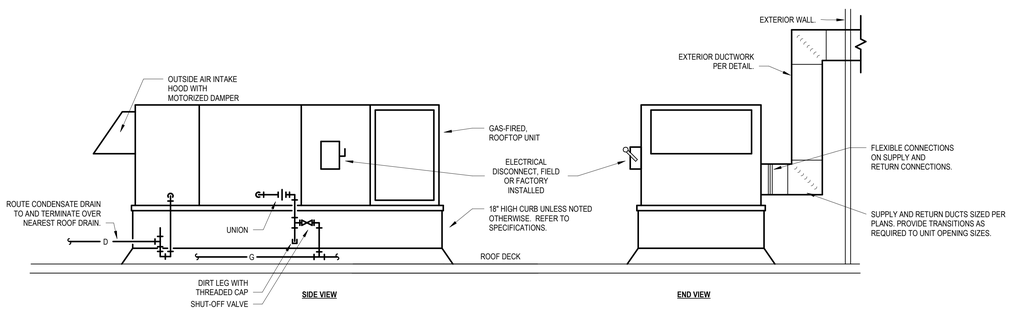
MAXIMUM SIDE OF DUCT	STRAP SIZE	VERTICAL SPACING
TO 30"	1"x18" GA.	10'-0" O.C.
OVER 30"	1"x1/8"	10'-0" O.C.

2 M-600 DUCT SUPPORT DETAIL
SCALE: N.T.S.

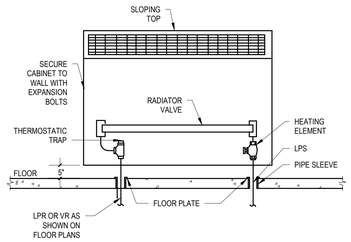


MAXIMUM SIDE OF DUCT	SUPPORT	VERTICAL SPACING
TO 24"	1"x1/8" STRAP	12'-0" O.C.
OVER 24"	1"x1"x1/8" ANGLE	12'-0" O.C.
OVER 36"	1-1/8"x1-1/8"x1/8" ANGLE	12'-0" O.C.
OVER 48"	1-1/2"x1-1/2"x1/8" ANGLE	12'-0" O.C.
OVER 60"	2"x2"x1/8" ANGLE	12'-0" O.C.

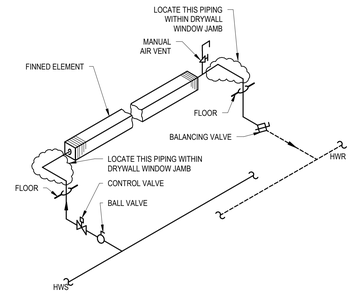
1 M-600 DUCT SUPPORT DETAIL
SCALE: N.T.S.



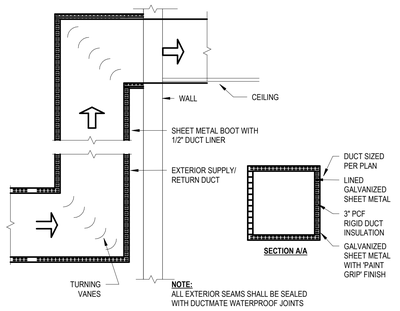
9 M-600 HORIZONTAL DISCHARGE ROOFTOP UNIT DETAIL
SCALE: N.T.S.



8 M-600 WALL HUNG CONVECTOR DETAIL
SCALE: N.T.S.



7 M-600 FINNED TUBE BASEBOARD RADIATION
SCALE: N.T.S.



NOTE:
ALL EXTERIOR SEAMS SHALL BE SEALED WITH DUCTMATE WATERPROOF JOINTS

10 M-600 EXTERIOR SUPPLY AND RETURN AIR DUCT DETAIL
SCALE: N.T.S.

LEGAT ARCHITECTS
Design with a Difference

ARCHITECT
Legat Architects, Inc.
1515 5th Ave, Suite 108
Moline, IL 61265
P: 309.517.5536
www.legat.com

MEP/FP ENGINEER
RTM Engineering Consultants
5137 Utica Ridge Rd.
Davenport, IA 52807
P: 563.726.6310
www.rtmec.com

MOLINE-COAL VALLEY SCHOOL DISTRICT

2026 FACILITY IMPROVEMENTS

BUTTERWORTH ELEMENTARY SCHOOL
LOGAN ELEMENTARY SCHOOL
WASHINGTON ELEMENTARY SCHOOL
MOLINE HIGH SCHOOL

SIGNATURE
DATE

REVISIONS

NO.	DESCRIPTION	DATE

PROJECT NUMBER	225057.00
DATE OF ISSUE	02.16.2026
DRAWN BY	BMA
REVIEWED BY	MJB

MECHANICAL SCHEDULES AND DETAILS

M-600
BIDDING

ELECTRICAL ABBREVIATIONS:

A	AMPS
A/E	ARCHITECT/ENGINEER
ABV	ABOVE
AC	ABOVE COUNTER
ACP	ACCESS CONTROL PANEL
ACPS	ACCESS CONTROL POWER SUPPLY
ACS	ACCESS CONTROL SYSTEM
AF	AMP FRAME
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AVAILABLE INTERRUPTING CURRENT
ALT	ALTERNATE
ALT SW	ALTERNATOR SWITCH
ARCH	ARCHITECT
ATS	AUTOMATIC TRANSFER SWITCH
AV	AUDIO-VISUAL
BC	BELOW COUNTER
BFG	BELOW FINAL GRADE
BKR	BREAKER
BLDG	BUILDING
BOL	BUILT IN OVERLOAD
BPC	BOLTED PRESSURE CONTACT SWITCH
CATV	CABLE TELEVISION
CB	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CKT	CIRCUIT
CLG	CEILING
CP	CONTROL PANEL
CS	COMBINATION STARTER
CT	CURRENT TRANSFORMER
CTRL	CONTROLLER
DE	DUAL ELEMENT FUSES
DIR	DIRECT
DISC	DISCONNECT
DN	DOWN
EC	ELECTRICAL CONTRACTOR
ELEV	ELEVATION REFERENCE
EM	EMERGENCY
EMT	ELECTRIC METALLIC TUBING
ENT	ELECTRICAL NON-METALLIC TUBING
EOL	END OF LINE RESISTOR
EP	EXPLOSION PROOF
EQUIP	EQUIPMENT
EWC	ELECTRIC WATER COOLER
F	FUSE
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FAC	FIRE ALARM CABINET
FACP	FIRE ALARM CONTROL PANEL
FBO	FURNISHED BY OTHERS
FDR	FEEDER
FIXT	FIXTURE
FLA	FULL LOAD AMPS
FLR	FLOOR
FLUOR	FLUORESCENT
FS	FLOW SWITCH
FVNR	FULL VOLTAGE NON-REVERSING
GC	GENERAL CONTRACTOR
GFI	GROUND FAULT INTERRUPTER
GRC	GALVANIZED RIGID CONDUIT
GRD	GROUND
GYP	GYPSUM BOARD
HID	HIGH INTENSITY DISCHARGE
HOA	HAND-OFF-AUTO SWITCH
HP	HORSEPOWER
HPS	HIGH PRESSURE SODIUM
HV	HIGH VOLTAGE
HVAC	HEATING & VENTILATING - AIR CONDITIONING
HVC	HEATING VENTILATING CONTRACTOR
HW	HEAVYWALL
ICP	INTERCOM CONTROL PANEL
ICPS	INTERCOM POWER SUPPLY
ID	INDIRECT
IDF	INTERMEDIATE DISTRIBUTION FRAME
IL	INTERLOCK
IMC	INTERMEDIATE METAL CONDUIT
INC	INCANDESCENT
IU	IN UNIT
J-BOX	JUNCTION BOX
LCP	LIGHTING CONTROL PANEL
LG	LAY-IN GRID
LTG	LIGHTING
LV	LOW VOLTAGE
LVT	LINE VOLTAGE THERMOSTAT
MAG	MAGNETIC STARTER
MAN	MANUAL STARTER
MCC	MOTOR CONTROL CENTER
MDF	MAIN DISTRIBUTION FRAME
MDP	MAIN DISTRIBUTION PANEL
MFR	MANUFACTURERR
MLO	MAIN LUGS ONLY
MSB	MAIN SWITCHBOARD
MTD	MOUNTED
NIC	NOT IN CONTRACT
NU	NEAR UNIT
OU	ON UNIT
P	POLE
PB	PUSH BUTTON
PC	PHOTO CONTROL
PCP	PAGING CONTROL PANEL
PCPS	PAGING CONTROL POWER SUPPLY
PE SW	PNEUMATIC SWITCH
PEND	PENDANT
PLBG	PLUMBING CONTRACTOR
PNL	PANEL
R	RELAY
REC	RECESS
RECEPT	RECEPTACLE
RM	ROOM
RVS	REDUCED VOLTAGE STARTING
S	SPLINE
SDB	SUB-DISTRIBUTION BOARD
SEL SW	SELECTOR SWITCH
SP SW	SPEED SWITCH
SURF	SURFACE
SW	SWITCH
T-STAT	THERMOSTAT
TC	TIME CLOCK
TCC	TEMPERATURE CONTROL CONTRACTOR
TCP	TEMPERATURE CONTROL PANEL
TS	TAMPER SWITCH
TYP	TYPICAL
UG	UNDERGROUND
UNIV	UNIVERSAL
USS	UNIT SUBSTATION
VS	VIDEO SURVEILLANCE
WP	WEATHERPROOF
XFMR	TRANSFORMER

SYMBOL LIST NOTE:

MOUNTING HEIGHTS FOR DEVICES AND EQUIPMENT TO BE MEASURED FROM FLOOR TO CENTERLINE OF DEVICE. DEVICES EXTENDING GREATER THAN 4" FROM THE WALL SHALL HAVE A MINIMUM MOUNTING HEIGHT OF 80" AFF TO BOTTOM OF DEVICE.

PANELS:

'XXX' 'XXX' — ELECTRICAL PANEL - SURFACE / RECESSED

EQUIPMENT CABINETS:

WITHOUT DOOR - SURFACE / RECESSED

WITH DOOR - SURFACE / RECESSED

'XXX' 'XXX'

DENOTES THE FOLLOWING
- (BDAP) BI-DIRECTIONAL AMPLIFIER PANEL (2 WAY COMM)
- (ERP) ELEVATOR RECALL PANEL
- (ESP) ELEVATOR STATUS PANEL
- (FAAP) FIRE ALARM ANNUNCIATOR PANEL
- (FACP) FIRE ALARM CONTROL PANEL
- (GAP) GENERATOR ANNUNCIATOR PANEL
- (HPCP) HOSPITAL PAGING CONTROL PANEL
- (LCP) LIGHTING CONTROL PANEL
- (MSCP) MUSIC SYSTEM CONTROL PANEL
- (NACP) FIRE ALARM NOTIFICATION APPLIANCE CIRCUIT - CONTROL PANEL
- (NCCP) NURSE CALL CONTROL PANEL
- (RACP) RESCUE ASSISTANCE CONTROL PANEL
- (SACP) SECURITY ACCESS CONTROL PANEL
- (SCP) SMOKE CONTROL PANEL
- (SMCP) SOUND MASKING CONTROL PANEL

POWER:

- SIMPLEX RECEPTACLE - MOUNTED 18" AFF UNLESS NOTED OTHERWISE
- DUPLEX RECEPTACLE - MOUNTED 18" AFF UNLESS NOTED OTHERWISE
  - XXX DENOTES THE RECEPTACLE TYPE OR EQUIPMENT SERVED
    - (AF) ARC FLASH (AFCI)
    - (CL) CLOCK RECEPTACLE
    - (CM) COFFEE MAKER
    - (D) DEDICATED CIRCUIT
    - (DD) DOUBLE DUPLEX
    - (FZR) FREEZER
    - (ICE) ICE MAKER
    - (MW) MICROWAVE
    - (REF) REFRIGERATOR
    - (TR) TAMPER RESISTANT
    - (TV) MOUNTED ADJACENT TO TELEVISION
    - (UCR) UNDER CABINET REFRIGERATOR
    - (WP) WEATHERPROOF WITH GFI RECEPTACLE
  - X DENOTES CIRCUIT NUMBER (SEE PANEL BOUNDARIES)
- DUPLEX RECEPTACLE - ISOLATED GROUND - MOUNTED AT 18" AFF UNLESS NOTED OTHERWISE
- DUPLEX RECEPTACLE - GFCI (INDICATED BY CENTER HATCH) - MOUNTED 18" AFF UNLESS NOTED OTHERWISE
- DUPLEX RECEPTACLE - GFCI - MOUNTED 4" ABOVE COUNTERTOP OR COUNTER BACKSPLASH WHERE PRESENT
- DUPLEX RECEPTACLE - SWITCHED TOP HALF - MOUNTED 18" AFF UNLESS NOTED OTHERWISE
- DUPLEX RECEPTACLE - MOUNTED 4" ABOVE COUNTERTOP OR COUNTER BACKSPLASH WHERE PRESENT
- DUPLEX RECEPTACLE - CEILING MOUNTED
- DUPLEX RECEPTACLE - FURNITURE MOUNT
- NON NEMA 5-20R RECEPTACLE
- QUADRUPLEX RECEPTACLE - MOUNTED 18" AFF UNLESS NOTED OTHERWISE
- QUADRUPLEX RECEPTACLE - GFCI (INDICATED BY CENTER HATCH) - MOUNTED 18" AFF UNLESS NOTED OTHERWISE
- QUADRUPLEX RECEPTACLE - SWITCHED TOP HALF - MOUNTED 18" AFF UNLESS NOTED OTHERWISE
- QUADRUPLEX RECEPTACLE - MOUNTED 4" ABOVE COUNTERTOP OR COUNTER BACKSPLASH WHERE PRESENT
- QUADRUPLEX RECEPTACLE - CEILING MOUNTED
- QUADRUPLEX RECEPTACLE - FURNITURE MOUNT
- QUADRUPLEX RECEPTACLE - ISOLATED GROUND
- SPECIAL OUTLET (SEE SCHEDULE). WALL / CEILING OR FLOOR MOUNTED
- X FLOOR MOUNTED ELECTRICAL BOX (SEE SCHEDULE FOR DEVICES REQUIRED)
  - # DENOTES CIRCUIT NUMBER (SEE PANEL BOUNDARIES) - TYPICAL
  - X INDICATES DEVICE TYPE (SEE SCHEDULE)
- X PP POWER POLE. X DENOTES DEVICE TYPE AND INCLUDED RECEPTACLES.
- DISCONNECT SWITCH
- FUSED DISCONNECT SWITCH
- MOTOR STARTER
- METER SOCKET
- TRANSFORMER. WALL / FLOOR MOUNTED
  - T-XX T-XX INDICATES TRANSFORMER MOUNTED ON EQUIPMENT PAD
- JUNCTION BOX WITH WHIP FOR FURNITURE FEED
- JUNCTION BOX
- PULL BOX
- LP LIGHTNING PROTECTION SYSTEM
  - XXX XXX DENOTES THE FOLLOWING
    - (ATH) AIR TERMINAL ROOF DECK
    - (ATV) AIR TERMINAL PARAPET
    - (GRD) GROUND TO DOWN CONDUCTOR
    - (GRS) GROUND TO BUILDING STEEL
    - (RPD) ROOF PENETRATION TO DOWN CONDUCTOR
    - (RPS) ROOF PENETRATION TO BUILDING STEEL
- PUSHBUTTON SWITCH - MOUNT AT 44" AFF UNLESS NOTED OTHERWISE
  - XXX XXX DENOTES THE FOLLOWING
    - (CD) COMPUTER DROP OUT
    - (D) DOOR BELL STATION
    - (EPO) EMERGENCY - POWER OFF STATION
    - (ES) EQUIPMENT SHUTDOWN
    - (F) FAN SHUTDOWN
- AD AUTOMATIC DOOR OPERATOR (SEE ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHT)
- GM GROUND MODULE
- GROUND ROD
- EQUIPMENT TAG (MARK / NUMBER)
- MOTOR CONNECTION
- CONDUCTOR QUANTITY IN RACEWAY. NUMBERS INDICATE WIRE SIZES (AWG).
  - INDICATES PHASE CONDUCTOR
  - INDICATES NEUTRAL CONDUCTOR
  - INDICATES GREEN GROUND CONDUCTOR

LIGHTING:

NOTE: SHADING ANY OF THE LIGHTING FIXTURE INDICATES UNIT IS WIRED TO AN EMERGENCY OR NIGHT LIGHTING CIRCUIT.

- CEILING MOUNTED FIXTURE - SURFACE / RECESSED
  - 1Ra A
  - FIXTURE DESIGNATION (SEE SCHEDULE)
  - SWITCH LEG. NO DESIGNATION INDICATES PORTION OF CIRCUIT SWITCHED FROM LOCAL SWITCH AND/OR OCCUPANCY SENSOR
  - SWITCHING DEVICE. NO DESIGNATION INDICATES PORTION OF CIRCUIT SWITCHED FROM LOCAL SWITCH AND/OR OCCUPANCY SENSOR. (R) CIRCUIT SWITCHED VIA RELAY IN RELAY CABINET
  - CIRCUIT NUMBER (SEE PANEL BOUNDARIES)
- ILLUMINATED DOME FIXTURE - RECESSED
- STRIP LIGHT FIXTURE
- LINEAR WALL MOUNTED FIXTURE
- TRACK LIGHT FIXTURE - SPOT LIGHT / PENDANT
- CEILING MOUNTED DOWNLIGHT FIXTURE - SURFACE / RECESSED
- CEILING MOUNTED DOWNLIGHT FIXTURE - WALL WASH - SURFACE / RECESSED
- POLE MOUNTED FIXTURE
- WALL MOUNTED FIXTURE - SURFACE / RECESSED
- GROUND MOUNTED FIXTURE - BOLLARD / FLOOD OR ACCENT
- EXIT LIGHT - WALL MOUNTED / CEILING MOUNTED PROVIDE DIRECTIONAL ARROWS AS INDICATED ON PLAN
- EMERGENCY BATTERY POWER SPOT ILLUMINATION UNIT - DUAL HEAD LIGHT - WALL MOUNT 12" BELOW CEILING UNLESS NOTED OTHERWISE.
- BATTERY PACK REMOTE HEAD SPOT ILLUMINATION UNIT

SWITCHING DEVICES:

NOTE: ALL SWITCHING DEVICES SHALL BE MOUNTED AT 44" AFF, UNLESS OTHERWISE NOTED.

- SINGLE POLE TOGGLE SWITCH
  - X XX
  - XX DENOTES THE FOLLOWING
    - (2) DOUBLE POLE
    - (3) 3 WAY
    - (4) 4 WAY
    - (DLS) DUAL LEVEL SWITCHING
    - (K) KEY OPERATED
    - (P) WITH PILOT LIGHT INDICATION
    - (T) TIMER SWITCH
  - X DENOTES SWITCH DESIGNATION (LOWER CASE)
- DIMMER SWITCH
- MOMENTARY CONTACT SWITCH
- SURGICAL LIGHT CONTROL
- X DS DAYLIGHT SENSOR. X DENOTES SPECIFIC UNIT (SEE SCHEDULE)
- MS MOTION DETECTOR.
- X OS OCCUPANCY SENSOR. X DENOTES SPECIFIC UNIT (SEE SCHEDULE)
- X VS VACANCY SENSOR. X DENOTES SPECIFIC UNIT (SEE SCHEDULE)
- X C CONTACTOR. X DENOTES SPECIFIC UNIT (SEE SCHEDULE)
- X D DIMMING SYSTEM CONTROL STATION. X DENOTES STATION IDENTIFIER (SEE SCHEDULE)
- X L LOW VOLTAGE SWITCH STATION. X DENOTES STATION IDENTIFIER (SEE SCHEDULE)
- X PC PHOTO-CONTROL. X DENOTES SPECIFIC UNIT (SEE SCHEDULE)
- X T TIME CLOCK. X DENOTES SPECIFIC UNIT (SEE SCHEDULE)
- PW POWER PACK

SECURITY:

- D D XX XX — DOOR HARDWARE INSTALLATION - CEILING / WALL (SEE DETAILS, ARCHITECTURAL PLANS AND SPECIFICATIONS)
  - XX DENOTES THE FOLLOWING
    - (AA) AUTODOOR ACTUATOR (PUSH PLATE)
    - (AM) AUTODOOR ACTUATOR (MOTION SENSOR)
    - (AO) AUTODOOR OPERATOR
    - (ED) ELECTRICAL EXITING DEVICE
    - (DE) DELAYED EGRESS MODULE
    - (EL) ELECTROMAGNETIC LOCK
    - (ES) ELECTRICAL STRIKE
    - (KS) KEY SWITCH
    - (PS) POWER SUPPLY
    - (PT) POWER TRANSFER HINGE
    - (RL) RELAY MODULE
    - (RM) SEPARATELY MOUNTED REQUEST TO EXIT MOTION SENSOR NOT ASSOCIATED WITH SECURITY SYSTEM
- S S XX XX — SECURITY, ACCESS CONTROL AND DOOR MOUNTING - CEILING / WALL
  - XX DENOTES THE FOLLOWING
    - (BIO) BIOMETRIC READER
    - (CR) CARD READER
    - (DB) DUress - PUSHBUTTON
    - (DC) DOOR CONTACT
    - (DP) DOOR POSITION INDICATOR SWITCH
    - (DR) ADA DOOR RELEASE - PUSHBUTTON
    - (EL) ELECTROMAGNETIC LOCK
    - (ES) ELECTRIC STRIKE
    - (GB) GLASS BREAK DETECTOR
    - (KE) KEYLESS ENTRY
    - (KP) KEYPAD - SECURITY SYSTEM
    - (KS) KEEPER SWITCH
    - (MD) MOTION SENSOR - DUAL TECHNOLOGY
    - (MI) MOTION SENSOR - INFRARED
    - (MU) MOTION SENSOR - ULTRASONIC
    - (PB) PANIC BUTTON
    - (RM) REQUEST FOR EXIT - MOTION
    - (RP) REQUEST FOR EXIT - PUSH BUTTON
- I I XX XX — INTERCOM SYSTEM - CEILING / WALL
  - XX DENOTES THE FOLLOWING
    - (MD) MASTER STATION - DESK MOUNTED
    - (MW) MASTER STATION - WALL MOUNTED
    - (SD) SATELLITE STATION - DESK MOUNTED
    - (SW) SATELLITE STATION - WALL MOUNTED
- S S CXXX CXXX — SECURITY CAMERA - CEILING / WALL
  - CXXX DENOTES CAMERA NUMBER (SEE SCHEDULE)

TECHNOLOGY:

- REFER TO TECHNOLOGY OUTLET SCHEDULE FOR DEVICE REQUIREMENTS
- X# — # DENOTES QUANTITY; X DENOTES DEVICE TYPE (SEE SCHEDULE)
- X# — TECHNOLOGY OUTLET WITH BACKBOX, CONDUIT, AND INDICATED DEVICES AND CABLES. 4" ABOVE COUNTER/COUNTER BACKSPLASH WHERE PRESENT.
- X# — TECHNOLOGY OUTLET WITH BACKBOX, CONDUIT, AND INDICATED DEVICES AND CABLES. 18" AFF UNLESS NOTED OTHERWISE.
- X# — TECHNOLOGY OUTLET WITH BACKBOX, CONDUIT, AND INDICATED DEVICES AND CABLES. FURNITURE MOUNTED.
- X — FLOOR MOUNTED DATA BOX (SEE SCHEDULE FOR DEVICES REQUIRED)
- X — CEILING MOUNTED DATA BOX (SEE SCHEDULE FOR DEVICES REQUIRED)
  - X INDICATES DEVICE TYPE (SEE SCHEDULE)
- WAP WAP — WIRELESS ACCESS POINT (REFER TO TECHNOLOGY OUTLET SCHEDULE)
- SLEEVE THROUGH WALL
- FIRE RATED SLEEVE THROUGH FLOOR
- CONDUIT SLEEVE THROUGH FLOOR
- FREE STANDING OPEN FRAME DATA CABINET. (HEAVY LINE INDICATES FRONT OF CABINET)
- FREE STANDING ENCLOSED FRAME DATA CABINET. FLOOR MOUNTED / WALL MOUNTED. (HEAVY LINE INDICATES FRONT OF CABINET)
- GROUND BUS BAR
- LADDER RACK / CABLE TRAY
  - XX DENOTES TYPE:
    - (LR) LADDER RACK
    - (CT) CABLE TRAY
  - RACK / TRAY HEIGHT
  - HEIGHT TO BOTTOM OF RACK / TRAY
  - RACK / TRAY WIDTH
- T T XX XX — TELEVISION SYSTEM
  - XX DENOTES THE FOLLOWING
    - (CC) REMOTE TELEVISION CHANNEL CHANGER
    - (CT) CABLE TELEVISION OUTLET
    - (CV) REMOTE TELEVISION CHANNEL CHANGER WITH VOLUME CONTROL
    - (DVR) DIGITAL VIDEO RECORDER
    - (MA) MASTER ANTENNA OUTLET
    - (MC) MASTER ANTENNA OUTLET CEILING MOUNTED
    - (MO) CLOSED CIRCUIT TELEVISION MONITOR
    - (MS) MASTER ANTENNA OUTLET MOUNTED AT A SPECIAL HEIGHT EITHER INDICATED ON THE DRAWINGS OR ON ARCHITECTURAL ELEVATIONS
    - (MW) MASTER ANTENNA OUTLET WALL
    - (NVR) NETWORK VIDEO RECORDER
- XX / XX / XX — ANTENNA
  - ANTENNA TYPE:
    - (BO) BY OTHERS
    - (DR) DIRECTIONAL
    - (MD) MULTIDIRECTIONAL
    - (OD) OMNI DIRECTIONAL
  - SYSTEM SERVED:
    - (AC) ATOMIC CLOCK
    - (AF) AM/FM RADIO
    - (AR) AMBULANCE RADIO
    - (DAS) DISTRIBUTED ANTENNA SYSTEM
    - (HR) HAM RADIO
    - (RTLS) REAL TIM LOCATING SERVICES
    - (TS) TELEMETRY SYSTEM
    - (UHF) ULTRA HIGH FREQUENCY
    - (VHF) VERY HIGH FREQUENCY
  - MOUNTING:
    - (CM) CEILING MOUNT
    - (RM) NON PENETRATING ROOF MOUNT
    - (TM) ANTENNA TOWER MOUNT
    - (WM) WALL MOUNT

NOTIFICATION DEVICES:

- C — BELL - CHIME
- SS — BELL - SINGLE STROBE
- SSG — BELL - SINGLE STROBE GONG / STROBE
- T — BELL - TROUBLE
- V — BELL - VIBRATING
- VS — BELL - VIBRATING/STROBE
- CD W — COMBINATION HORN-STROBE - CEILING / WALL MOUNTED
- GONG
- RTS — REMOTE ALARM INDICATING AND TEST SWITCH
- ROTATING BEACON - CEILING / WALL MOUNTED
- S — SPEAKER - CEILING / WALL MOUNTED
- CD W — STROBE - CEILING / WALL MOUNTED
- CD W — COMBINATION SPEAKER-STROBE - CEILING / WALL MOUNTED
- GONG - WATER MOTOR
- AM — MODULE - ADDRESSABLE INPUT
- AM2 — MODULE - ADDRESSABLE INPUT / OUTPUT
- AM — MODULE - ADDRESSABLE OUTPUT
- R — MODULE - NON-ADDRESSABLE OUTPUT RELAY

DETECTORS:

- SS — COMBINED SMOKE-GAS DETECTOR - CEILING MOUNTED
- COMBINED SMOKE-HEAT DETECTOR - CEILING MOUNTED
- S — DUCT SMOKE DETECTOR - RECTANGULAR/SQUARE
- X XX — FLAME DETECTOR - CEILING MOUNTED
  - XX DENOTES THE FOLLOWING
    - (IR) INFRARED
    - (UV) ULTRAVIOLET
    - (UV/IR) COMBINED ULTRAVIOLET AND INFRARED
    - (VR) VISIBLE RADIATION
  - X DENOTES THE FOLLOWING
    - (W) WALL MOUNTED
- XX — GAS DETECTOR
  - XX DENOTES THE FOLLOWING
    - (CO) CARBON MONOXIDE
- X XX — HEAT DETECTOR - CEILING MOUNTED
  - XX DENOTES THE FOLLOWING
    - (F) FIXED TEMPERATURE
    - (R) RATE OF RISE
    - (RC) RATE COMPENSATION
    - (R/F) COMBINED RISE AND FIXED TEMPERATURE
  - X DENOTES THE FOLLOWING
    - (W) WALL MOUNTED
- X — HEAT DETECTOR - CEILING MOUNTED LINEAR TYPE HEAT SENSITIVE CABLE
  - X DENOTES THE FOLLOWING
    - (W) WALL MOUNTED
- X XXX — SMOKE DETECTOR
  - XXX DENOTES THE FOLLOWING
    - (ASD) AIR SAMPLING
    - (BR) BEAM RECEIVER
    - (BT) BEAM TRANSMITTER
    - (I) IONIZATION
    - (P) PHOTOELECTRIC
    - (SS) SINGLE STATION
  - X DENOTES THE FOLLOWING:
    - (W) WALL MOUNTED
- WF — FLOW SWITCH
- VS — TAMPER SWITCH
- DT — TEST SWITCH FOR DUCT DETECTOR
- FO — FOAM MANUAL PULL STATION
- P — MANUAL PULL STATION
- AUTOMATIC AND SUPERVISORY DETECTOR
- PS — WATER PRESSURE SWITCH

GENERAL:

- ## — REFERENCE NOTE SYMBOL
- DETAIL NUMBER / SHEET NUMBER — BUILDING SECTION
- DETAIL NUMBER / SHEET NUMBER — BUILDING ELEVATION
- DETAIL NUMBER / SHEET NUMBER — CALLOUT BOUNDARY
- DETAIL NUMBER / SHEET NUMBER — VIEW REFERENCE CALLOUT
- +'X' - 'X" — MOUNTING HEIGHT DESIGNATION

GENERAL NOTES

1. THE CONTRACTOR PROPOSING TO PERFORM THE ELECTRICAL WORK SHALL VISIT THE JOB SITE AND FULLY INFORM THEMSELVES OF ALL CONDITIONS THAT AFFECT THE WORK, OR COST THEREOF, AND EXAMINE THE DRAWINGS AND SPECIFICATIONS PRIOR TO SUBMITTING HIS BID.
2. ALL ELECTRICAL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE PROJECT SPECIFICATIONS AND ALL OTHER DRAWINGS RELATED TO THE PERFORMANCE OF THE WORK.
3. 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.
4. THE EC SHALL CHECK CAREFULLY ALL CONSTRUCTION DRAWINGS AND SPECIFICATIONS THAT ARE PART OF THIS PROJECT TO ENSURE THAT NO FIXTURE, OUTLET, ALARM STATION OR CONTROL AND POWER WIRING IS OMITTED. THE EC SHALL CONSULT ALL TRADES FURNISHING EQUIPMENT AND OBTAIN FROM THEM ALL THE 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. NO EXTRA CHARGES SHALL BE ACCEPTED BY OWNER AFTER BIDDING FOR SUCH EQUIPMENT AND LABOR.
5. 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 RATING OF THE EQUIPMENT TERMINATIONS MUST BE CAREFULLY CORRELATED WITH THE CONDUCTOR AMPACITY TO PREVENT OVERHEATING AND PREMATURE FAILURE.
6. COORDINATE WORK WITH OTHER TRADES AND INSTALL CONDUIT AND BOXES TO CLEAR EMBEDDED DUCTS, OPENINGS AND OTHER STRUCTURAL FEATURES.
7. ALL LIGHTING FIXTURES ARE TO BE LOCATED AS REQUIRED ON THE JOB TO CLEAR DUCTS, PIPING, EQUIPMENT, AND/OR MECHANICAL UNITS.
8. CONDUIT RUNS SHOWN ON DRAWINGS ARE DIAGRAMMATIC. ALL CONDUITS SHALL RUN CONCEALED, EXCEPT IN EQUIPMENT ROOMS AND WHERE APPROVED BY THE ARCHITECT.
9. FURNISH AND INSTALL EQUIPMENT DISCONNECT SWITCHES IN STRICT COMPLIANCE WITH CODE REQUIREMENTS.
10. POWER AND DATA DEVICES SHALL BE SPACED NO MORE THAN 4" APART. PROVIDE JUNCTION BOX MOUNTING BRACKET BETWEEN STUDS AS NEEDED.
11. ALL RECEPTACLES SHALL BE MOUNTED AT 18" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED. ALL DEVICES SHALL BE NEW UNLESS OTHERWISE NOTED.
12. DETERMINE, IN ADVANCE OF PURCHASE, THAT ALL ELECTRICAL MATERIALS AND EQUIPMENT TO BE INSTALLED SHALL FIT INTO THE ROOM OR SPACE ALLOCATED, AS INDICATED ON THE DRAWINGS, ALLOWING SUFFICIENT CLEARANCE FOR THE SAFE SERVICE AND/OR MAINTENANCE OF RELATED EQUIPMENT, INCLUDING THAT OF OTHER TRADES.
13. EC SHALL PROVIDE REQUIRED JUNCTION BOXES, CONDUIT AND BLANK COVERS FOR ALL NEW AND DATA LOCATIONS.
14. CONDUCTORS SUPPLYING CIRCUITS SHALL NOT BE LESS THAN #12 AWG COPPER FOR ANY CIRCUIT.
15. AT THE COMPLETION OF THE JOB, IT WILL BE THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO TURN OVER TO THE BUILDING MANAGER AN AS-BUILT-DRAWING IN REPRODUCIBLE FORM. THESE DRAWINGS DO NOT HAVE TO BE MADE FROM SCRATCH. THE ENGINEER'S REFLECTED CEILING AND ELECTRICAL/TELEPHONE PLANS MAY BE USED AS BACKGROUND WITH THE ACTUAL CIRCUITING CHANGES ADDED.
16. ALL WORK IS TO BE DONE IN ACCORDANCE WITH THE 2020 NEC AND THE LATEST REQUIREMENTS OF ALL CODES AND REGULATIONS.
17. ALL EXTERIOR RECEPTACLES SHALL HAVE METAL WHILE IN USE COVERS.
18. EC SHALL UPSIZE WIRE AND CONDUIT AS REQUIRED FOR VOLTAGE DROP. NO ELECTRICAL CIRCUITS SHALL EXCEED A VOLTAGE DROP OF MORE THAN 5%.
19. DRAWINGS ARE TO BE REVIEWED IN FULL DETAIL WITH SPECIFICATIONS. IN THE EVENT THAT THERE IS A CROSS DIRECTION, A REQUEST FOR INFORMATION (RFI) IS TO BE SENT TO THE ENGINEER OF RECORD. AS STATED IN SPECIFICATION DIV 1, THE HIGHER COST OF THE TWO OPTIONS IS TO BE TAKEN AS THE OPTION WHILE AT BID WITH LESS CLARIFICATION FROM RFI.
20. ALL EXPOSED ELECTRICAL CONDUIT, CABLE, AND JUNCTION BOXES INSTALLED OPEN CEILING SHALL BE PAINTED. MC CABLE AND FLEXIBLE CONDUIT SHALL BE LIMITED IN EXPOSED OPEN CEILING LOCATIONS TO A 6'-0" MAXIMUM LENGTH FOR INDIVIDUAL WHIPS FOR EQUIPMENT CONNECTIONS. INSTALL ALL CONDUIT, CABLE, AND JUNCTION BOXES IN A NEAT AND CONSISTENT MANNER. COLOR SELECTIONS BY ARCHITECT.
21. TYPE MC CABLE SHALL BE INSTALLED FOR BRANCH CIRCUITS IN ONLY CONCEALED LOCAZTIONS WITHIN THE SPACE THAT THE LIGHTING, EQUIPMENT, AND/OR RECEPTACLE DEVICES IT SERVES ARE LOCATED, UNLESS NOTED OTHERWISE.
22. ALL LOW VOLTAGE CABLING SHALL BE PLENUM RATED WHEN INSTALLED IN MECHANICAL PLENUM RETURN SPACES.
23. CABLE TERMINATION JACKS AND CABLING TO BE COLOR-CODED PER SCHOOL DISCTRICT STANDARDS. CONFIRM COLOR SELECTION WITH DISTRICT PRIOR TO CABLES ORDERING.
    - WAP: PURPLE CAT6A
    - DATA: BLUE CAT6
    - PHONE: GREEN CAT6
    - CCTV: BLACK CAT6
27. EC TO PROVIDE CABLING FOR SECURITY DEVICES (CAMERAS AND ACCESS AND ACCESS CONTROL DEVICES).

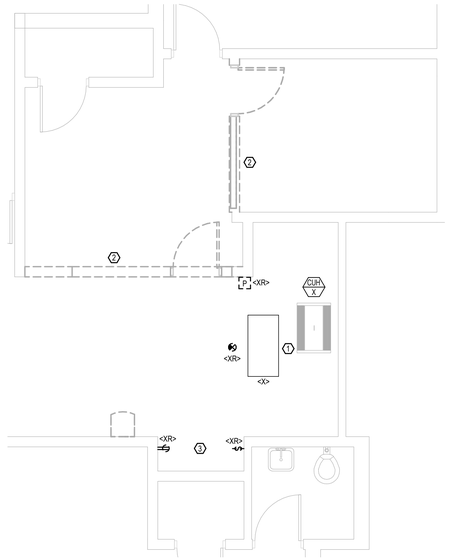
DEMOLITION GENERAL NOTES

1. EACH CONTRACTOR SHALL REVIEW THE EXISTING SYSTEMS IN THE FIELD ALONG WITH BID DOCUMENTS & DETERMINE SELECTIVE DEMO & ADDITION OF TEMPORARY SYSTEMS (IF REQUIRED) TO MAKE PHASED DEMO & PROPOSED REMODELING. IT SHALL ASSURE UNINTERRUPTED SAFE OPERATION OF AREAS THAT ARE AFFECTED BY DEMO & ADDITION OF PROPOSED SYSTEMS AT ALL TIMES. INCLUDE THE NECESSARY WORK TO ACCOMPLISH THIS & COORDINATE PHASING ACCORDINGLY.
2. CONFIRM WITH THE MANUFACTURERS OF EXISTING EQUIPMENT THAT IS TO BE REUSED OR EXTENDED THAT IT IS IN GOOD WORKING ORDER.
3. WHERE EXISTING ELECTRICAL WORK PREVENTS PROPER CONSTRUCTION OF NEW WORK AS INDICATED, REMOVE, REROUTE, RELOCATE, OR IN OTHER WAYS ALTER EXISTING WORK IN ORDER TO ACCOMMODATE.
4. WHERE EXISTING CONDUIT, WIRE, SUPPORTS, HANGERS & OTHER ELECTRICAL WORK MUST BE REMOVED AS A RESULT OF THE ALTERATIONS, THEY SHALL BE COMPLETELY REMOVED, BACK TO THE FIRST OUTLET WHICH IS LEFT UNAFFECTED BY THE DEMOLITION. CONDUIT WHICH IS BURIED IN CONCRETE OR OTHERWISE INACCESSIBLY POSITIONED MAY BE ABANDONED. IN SUCH CASES, WIRE SHALL BE PULLED OUT & THE CONDUIT SHALL BE PLUGGED AT EACH END.
5. EXISTING ELECTRICAL MATERIALS AND EQUIPMENT, INCLUDING WAP, CLOCKS, FIRE ALARM NOTIFICATION AND DETECTION DEVICES, SECURITY CAMERAS, AND SECURITY EQUIPMENT. LIGHT FIXTURES, SWITCHES, SPEAKERS, INTERCOM EQUIPMENT, CONTROLS, CONDUIT OUTLETS, FITTINGS, AND OTHER DEVICES REMOVED AS A RESULT OF THE ALTERATIONS SHALL REMAIN THE PROPERTY OF THE OWNER (UNLESS OTHERWISE INDICATED) AND SHALL BE REUSED WHERE INDICATED.
6. EXAMINE THE CONDITION OF ANY MATERIALS AND EQUIPMENT TO MAKE A PRIOR DETERMINATION OF WHETHER IT IS SUITABLE FOR REUSE. PRESENT FINDINGS TO THE ENGINEER WHO WILL IN TURN MAKE THE FINAL DECISION REGARDING REUSABILITY. ALL WIRE AND CABLE FOR REUSED AND RELOCATED EQUIPMENT SHALL BE NEW.
7. IN ORDER TO COORDINATE THE WORK OF THE MECHANICAL AND ELECTRICAL TRADES, REMOVE EXISTING ELECTRICAL WORK IN AND ABOVE CEILING OF THESE AREAS (AS REQUIRED). AFTER WHICH, INSTALL NEW WORK AND REINSTALL EXISTING WORK TO REMAIN, AS SHOWN ON THE DRAWINGS. EXISTING MATERIALS AND EQUIPMENT SHALL BE REUSED ONLY WHERE INDICATED.
8. SOME EXCEPTIONS MAY ARISE WHEREIN EQUIPMENT, EITHER IN ALTERED AREAS OR OTHER AREAS, MUST BE KEPT IN SERVICE, REQUIRING THAT FEEDERS, SIGNAL CONDUCTORS, CONDUITS, BOXES, ETC. SERVING SAME ALSO BE KEPT IN SERVICE. IN SUCH CASES, THOSE ELECTRICAL FEEDERS, SIGNAL CONDUCTORS, CONDUITS, BOXES, ETC. SHALL BE REROUTED & RECONNECTED BEFORE PRESENT WORK IS REMOVED. IF THIS I

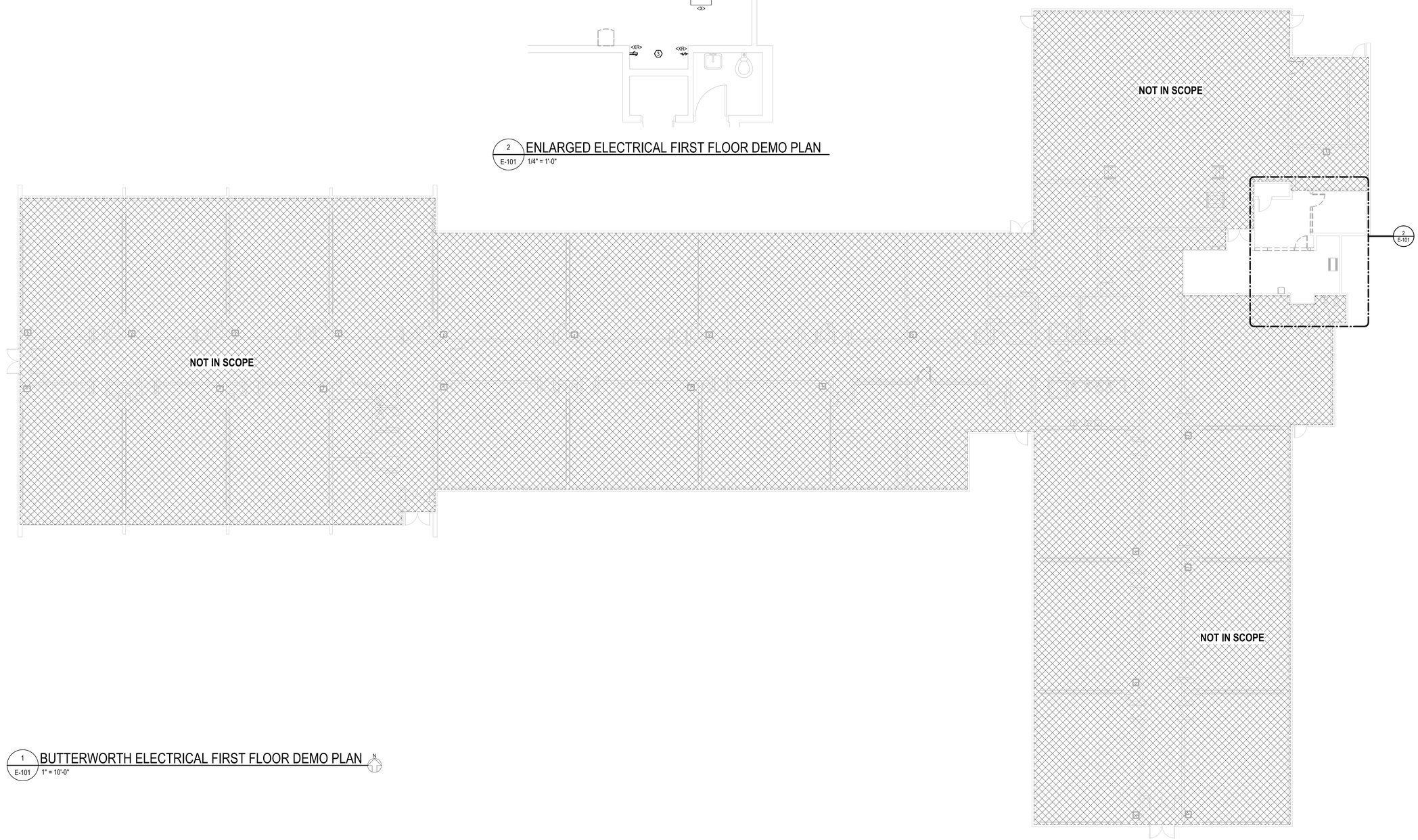
GENERAL NOTES:

1. REFER TO GENERAL NOTES AND SYMBOLS ON SHEET E-000.
2. REFER TO PROJECT MANUAL FOR PROJECT SPECIFICATIONS.
3. ALL DEVICES NOT SHOWN ARE EXISTNG TO REMAIN AND BE REUSED UNLESS NOTED OTHERWISE.
4. ALL DEVICES MARKED <XR> TO BE RELOCATED.

#	KEYNOTE
1	REMOVE EXISTING LIGHT FROM LOCAL SWITCH.
2	DISCONNECT AND REMOVE EXISTING DEVICES IN WALL TO BE REMOVED.
3	REMOVE EXISTING WIREMOLD AND JUNCTION BOX. EXISTING SWITCH AND RECEPTACLE TO BE RELOCATED.



2 / E-101 ENLARGED ELECTRICAL FIRST FLOOR DEMO PLAN
1/4" = 1'-0"



1 / E-101 BUTTERWORTH ELECTRICAL FIRST FLOOR DEMO PLAN
1" = 10'-0"

LEGAT ARCHITECTS
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT

2026 FACILITY IMPROVEMENTS

BUTTERWORTH ELEMENTARY SCHOOL
LOGAN ELEMENTARY SCHOOL
WASHINGTON ELEMENTARY SCHOOL
MOLINE HIGH SCHOOL

ARCHITECT
Legat Architects, Inc.
1515 5th Ave, Suite 108
Moline, IL 61265
P: 309.517.5536
www.legat.com

MEP/FP ENGINEER
RTM Engineering Consultants
5137 Utica Ridge Rd.
Davenport, IA 52807
P: 563.726.6310
www.rtmec.com

SIGNATURE
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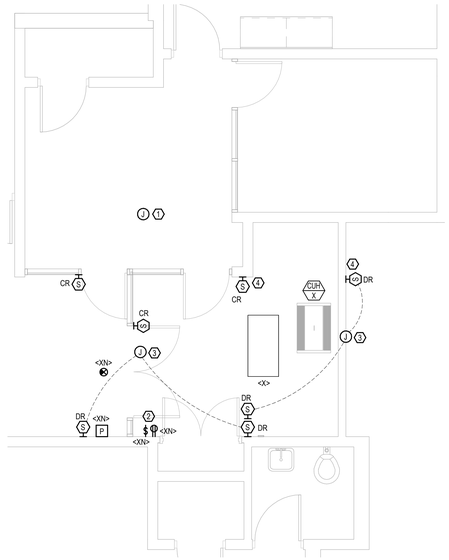
REVIEWED BY	JV

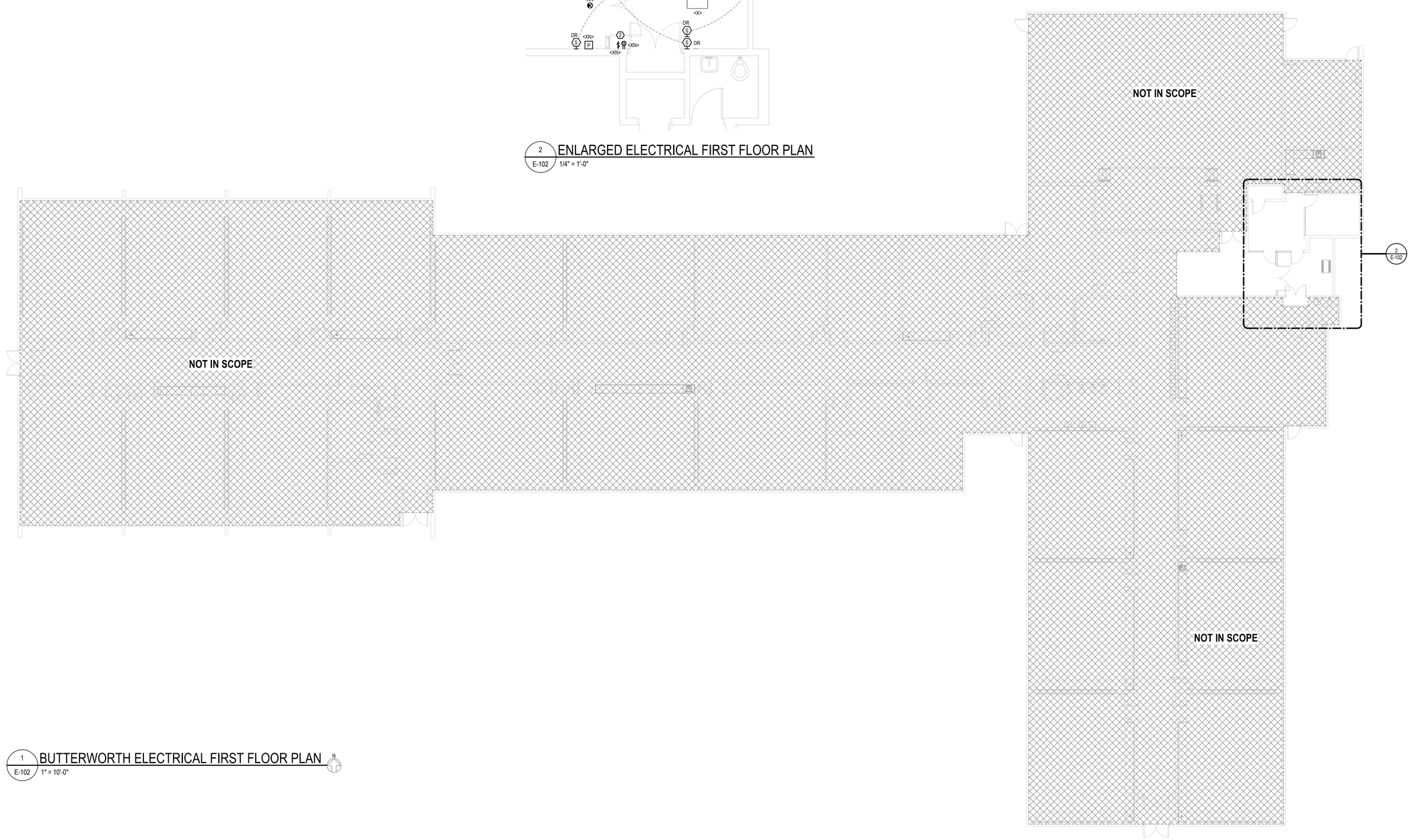
BUTTERWORTH ELEM SCHOOL - ELEC FIRST FLOOR DEMOLITION PLAN

E-101

BIDDING



2 E-102 ENLARGED ELECTRICAL FIRST FLOOR PLAN
1/4" = 1'-0"



1 E-102 BUTTERWORTH ELECTRICAL FIRST FLOOR PLAN
1" = 10'-0"

GENERAL NOTES:

1. REFER TO GENERAL NOTES AND SYMBOLS ON SHEET E-000.
2. REFER TO PROJECT MANUAL FOR PROJECT SPECIFICATIONS.
3. ALL DEVICES SHOWN ARE NEW UNLESS NOTED OTHERWISE.
4. PROVIDE ALL NECESSARY ROUGH-INS FOR SECURITY EQUIPMENT. COORDINATE ALL REQUIREMENTS WITH OWNER'S SECURITY VENDOR. VERIFY EXACT REQUIREMENTS WITH DOOR HARDWARE PROVIDERS AND OWNER.
5. SECURITY DEVICES (CAMERAS, CARD READERS, ETC.) ARE OWNER PROVIDED. COORDINATE REQUIREMENT WITH OWNER PRIOR TO ROUGH-IN.
6. COORDINATE FINAL SECURITY CAMERA LOCATION WITH OWNER PRIOR TO INSTALLATION.
7. INSTALL WALL MOUNTED OUTLETS 18" ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE
8. REFER TO ARCHITECTURAL PLANS FOR FINAL MOUNTING HEIGHTS AND FINAL FIXTURE LOCATIONS.
9. ALL RECEPTACLES TO BE TAMPER RESISTANT RECEPTACLES PER NEC 406.12.
10. COORDINATE ALL FINAL RECEPTACLE LOCATION WITH ARCHITECTURAL DRAWINGS, FINAL FURNITURE AND CASEWORK LAYOUTS, PRIOR TO ROUGH-IN.
11. ALL DEVICES MARKED <XN> SHALL BE EXISTING DEVICE RELOCATED. REWORK AND EXTEND EXISTING CIRCUITRY AS REQUIRED.

#	KEYNOTE
1	PROVIDE JUNCTION BOX AND RACEWAY FOR AIPHONE. COORDINATE LOCATION OF BOX AND AIPHONE WITH OWNER PRIOR TO ROUGH-IN.
2	RELOCATE EXISTING SWITCH AND RECEPTACLE. COORDINATE NEW LOCATION WITH OWNER. PROVIDE NEW WIREMOLD AND EXTEND EXISTING CIRCUITRY AS REQUIRED.
3	PROVIDE POWER TO NEW AUTO DOOR OPERATOR FROM NEAREST PANEL.
4	AIPHONE LOCATION. PROVIDE CONDUIT AND WIRE BACK TO RECEPTION DESK. FIELD VERIFY EXACT LOCATIONS.

LEGAT ARCHITECTS
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www.legat.com

MEP/FP ENGINEER
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P: 563.726.6310
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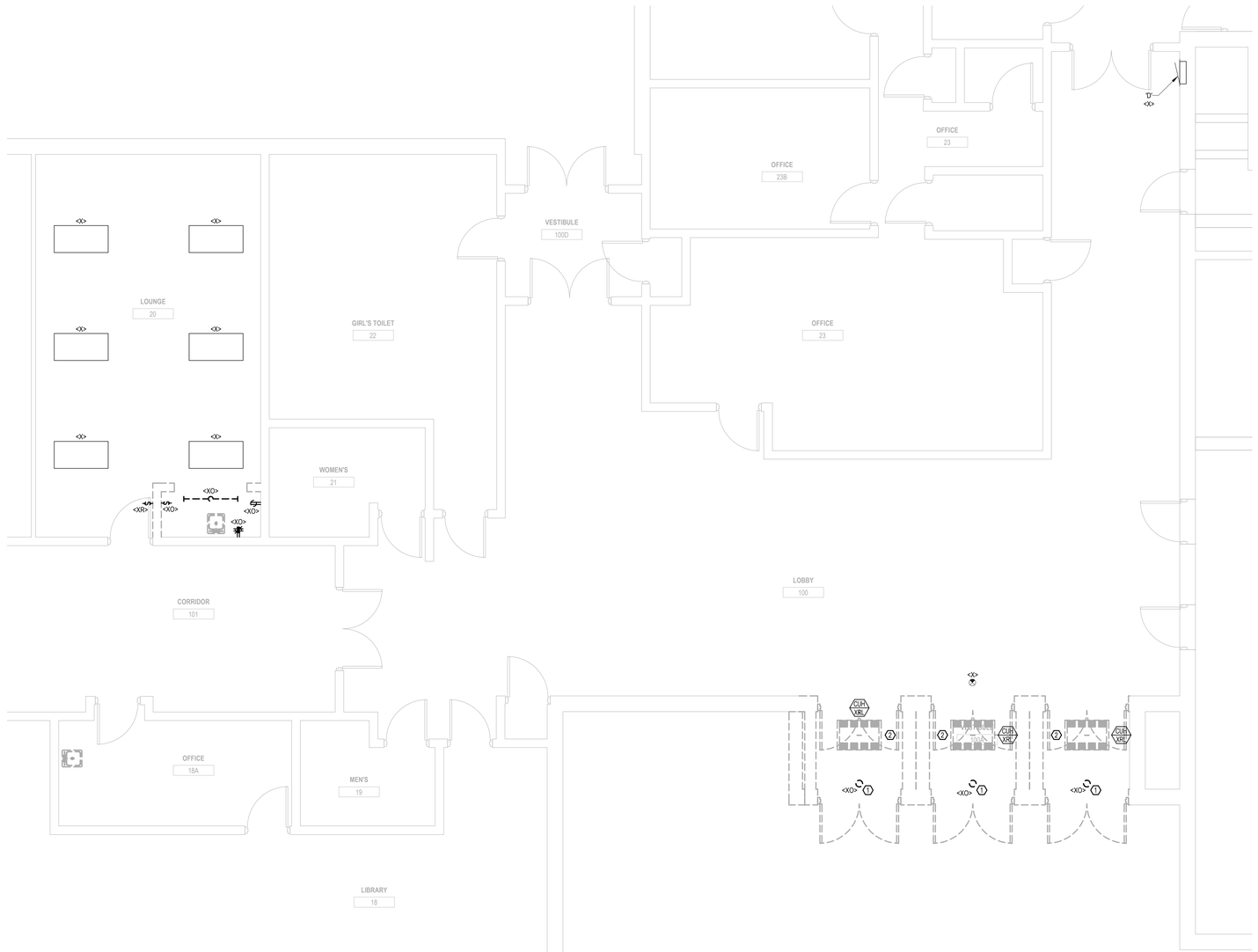
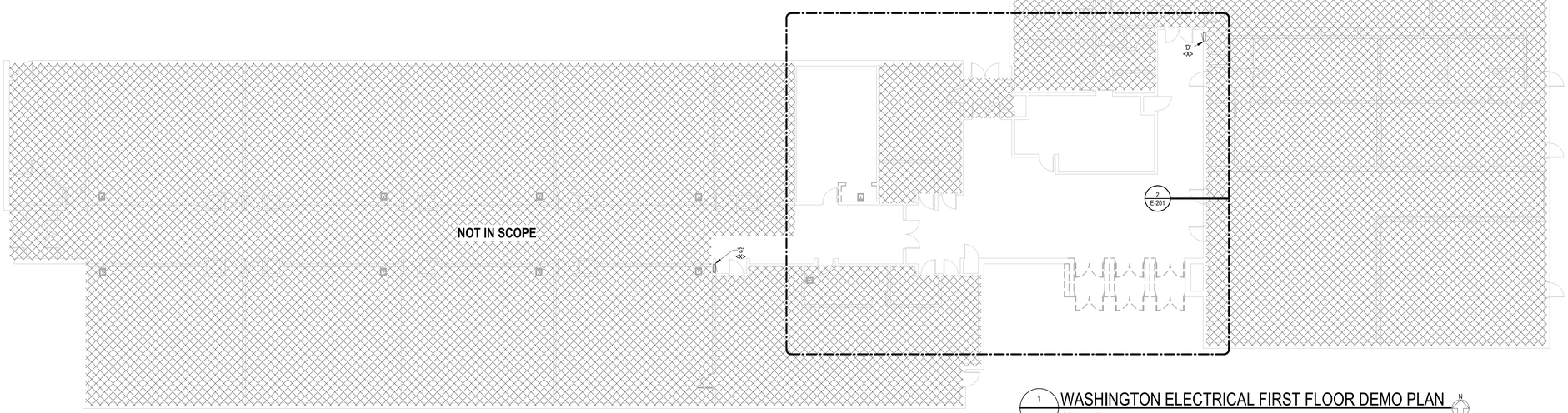
BUTTERWORTH ELEM SCHOOL - ELEC FIRST FLOOR PLAN

E-102

BIDDING



2 E-201 WASHINGTON ENLARGED ELECTRICAL FIRST FLOOR DEMO PLAN
1/4" = 1'-0"



1 E-201 WASHINGTON ELECTRICAL FIRST FLOOR DEMO PLAN
3/32" = 1'-0"

GENERAL NOTES:

1. REFER TO GENERAL NOTES AND SYMBOLS ON SHEET E-000.
2. REFER TO PROJECT MANUAL FOR PROJECT SPECIFICATIONS.
3. ALL DEVICES NOT SHOWN ARE EXISTNG TO REMAIN AND BE REUSED UNLESS NOTED OTHERWISE.
4. ALL DEVICES MARKED <XR> TO BE RELOCATED.

#	KEYNOTE
1	DISCONNECT AND REMOVE EXISTING LIGHT. PROTECT AND MAINTAIN EXISTING CIRCUITRY TO CONNECT TO NEW LIGHTS. MAINTAIN EXISTING SWITCHING.
2	DISCONNECT POWER TO EXISTING MECHANICAL EQUIPMENT. PROTECT AND MAINTAIN EXISTING CIRCUITRY TO CONNECT TO UNIT AFTER NEW CEILING IS INSTALLED.

LEGAT ARCHITECTS
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ARCHITECT
Legat Architects, Inc.
1515 5th Ave, Suite 108
Moline, IL 61265
P: 309.517.5536
www.legat.com

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SIGNATURE
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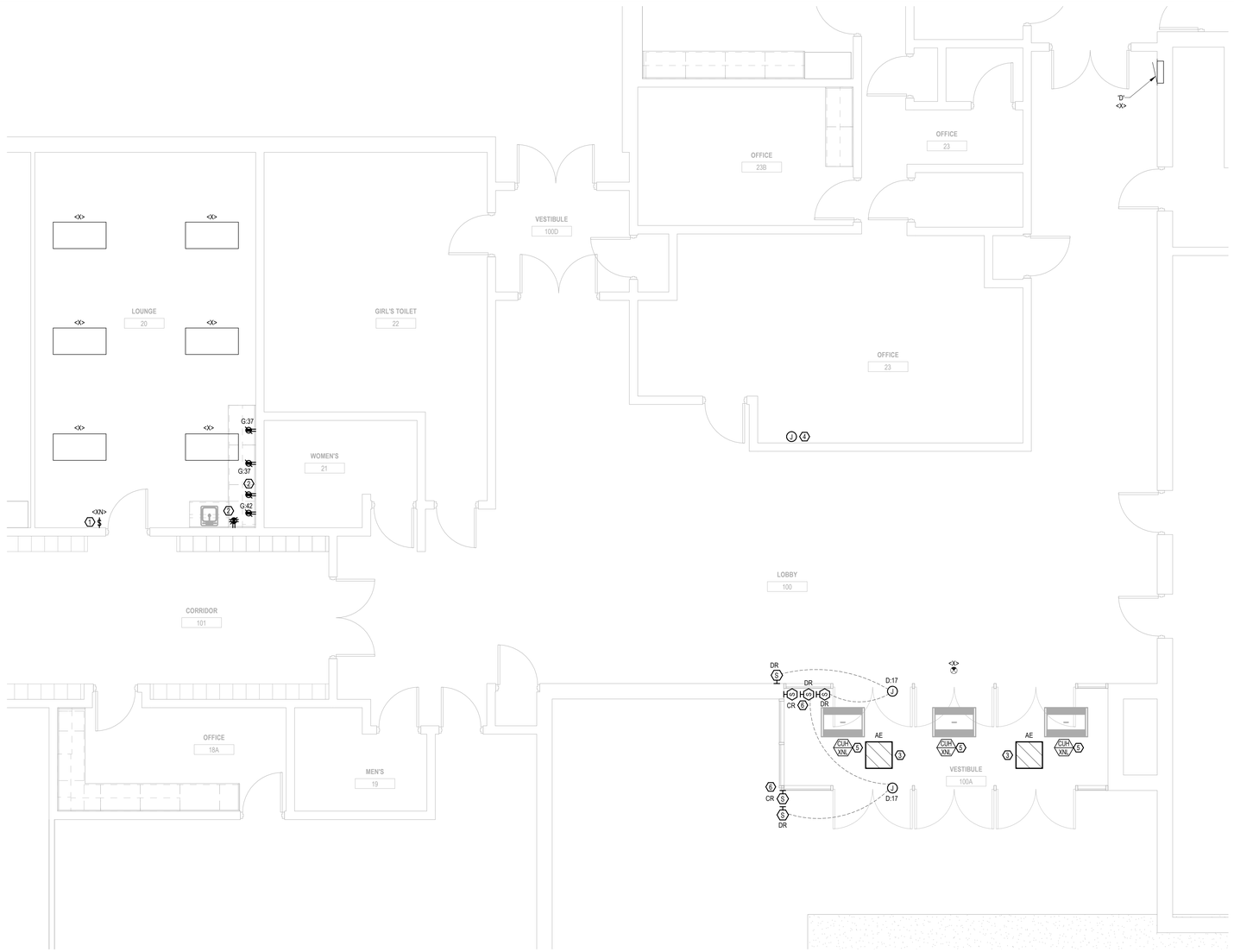
REVIEWED BY	JV

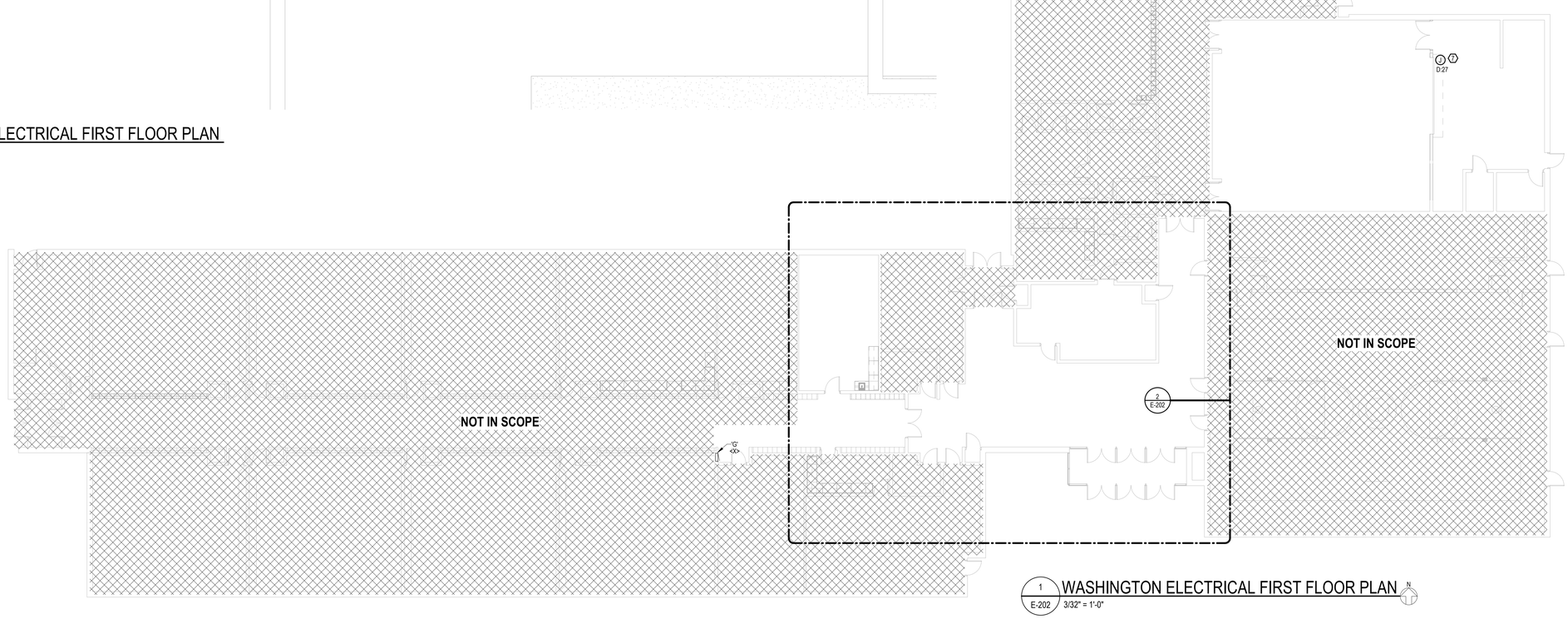
WASHINGTON ELEM SCHOOL - ELEC FIRST FLOOR DEMOLITION PLAN

E-201

BIDDING



2 / E-202 WASHINGTON ENLARGED ELECTRICAL FIRST FLOOR PLAN
1/4" = 1'-0"



1 / E-202 WASHINGTON ELECTRICAL FIRST FLOOR PLAN
3/32" = 1'-0"

GENERAL NOTES:

1. REFER TO GENERAL NOTES AND SYMBOLS ON SHEET E-000.
2. REFER TO PROJECT MANUAL FOR PROJECT SPECIFICATIONS.
3. ALL DEVICES SHOWN ARE NEW UNLESS NOTED OTHERWISE.
4. PROVIDE ALL NECESSARY ROUGH-INS FOR SECURITY EQUIPMENT. COORDINATE ALL REQUIREMENTS WITH OWNER'S SECURITY VENDOR. VERIFY EXACT REQUIREMENTS WITH DOOR HARDWARE PROVIDERS AND OWNER.
5. SECURITY DEVICES (CAMERAS, CARD READERS, ETC.) ARE OWNER PROVIDED. COORDINATE REQUIREMENT WITH OWNER PRIOR TO ROUGH-IN.
6. COORDINATE FINAL SECURITY CAMERA LOCATION WITH OWNER PRIOR TO INSTALLATION.
7. INSTALL WALL MOUNTED OUTLETS 18" ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE
8. REFER TO ARCHITECTURAL PLANS FOR FINAL MOUNTING HEIGHTS AND FINAL FIXTURE LOCATIONS.
9. ALL RECEPTACLES TO BE TAMPER RESISTANT RECEPTACLES PER NEC 406.12.
10. COORDINATE ALL FINAL RECEPTACLE LOCATION WITH ARCHITECTURAL DRAWINGS, FINAL FURNITURE AND CASEWORK LAYOUTS, PRIOR TO ROUGH-IN.
11. ALL DEVICES MARKED <XN> SHALL BE EXISTING DEVICE RELOCATED. REWORK AND EXTEND EXISTING CIRCUITRY AS REQUIRED.

#	KEYNOTE
1	EXISTING LIGHTING TO REMAIN. EXTEND CIRCUITRY TO NEW SWITCH LOCATION.
2	NEW DEVICE IN EXISTING BOX. EXTEND BOX TO SURFACE OF FURRED OUT WALL. MAINTAIN EXISTING CIRCUITRY.
3	CONNECT NEW FIXTURE TO EXISTING CIRCUITRY AND SWITCHING. PROVIDE UNSWITCHED SENSING CIRCUIT FOR BATTERY PACK.
4	PROVIDE JUNCTION BOX AND RACEWAY FOR AIPHONE. COORDINATE LOCATION OF BOX AND AIPHONE WITH OWNER PRIOR TO ROUGH-IN.
5	CONNECT MECHANICAL EQUIPMENT TO EXISTING CIRCUITRY. REWORK AND EXTEND CIRCUITRY AS REQUIRED.
6	AIPHONE LOCATION. PROVIDE CONDUIT AND WIRE BACK TO RECEPTION DESK. FIELD VERIFY EXACT LOCATIONS.
7	NEW OVERHEAD DOOR. COORDINATE POWER REQUIREMENTS WITH SUBMITTAL PRIOR TO ROUGH-IN.

LEGAT ARCHITECTS
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT

2026 FACILITY IMPROVEMENTS

BUTTERWORTH ELEMENTARY SCHOOL
LOGAN ELEMENTARY SCHOOL
WASHINGTON ELEMENTARY SCHOOL
MOLINE HIGH SCHOOL

ARCHITECT
Legat Architects, Inc.
1515 5th Ave, Suite 108
Moline, IL 61265
P: 309.517.5536
www.legat.com

MEP/FP ENGINEER
RTM Engineering Consultants
5137 Utica Ridge Rd.
Davenport, IA 52807
P: 563.726.6310
www.rtmec.com

SIGNATURE
DATE

REVISIONS

NO.	DESCRIPTION	DATE

PROJECT NUMBER	225057.00
DATE OF ISSUE	02.16.2026
DRAWN BY	JV
REVIEWED BY	JV

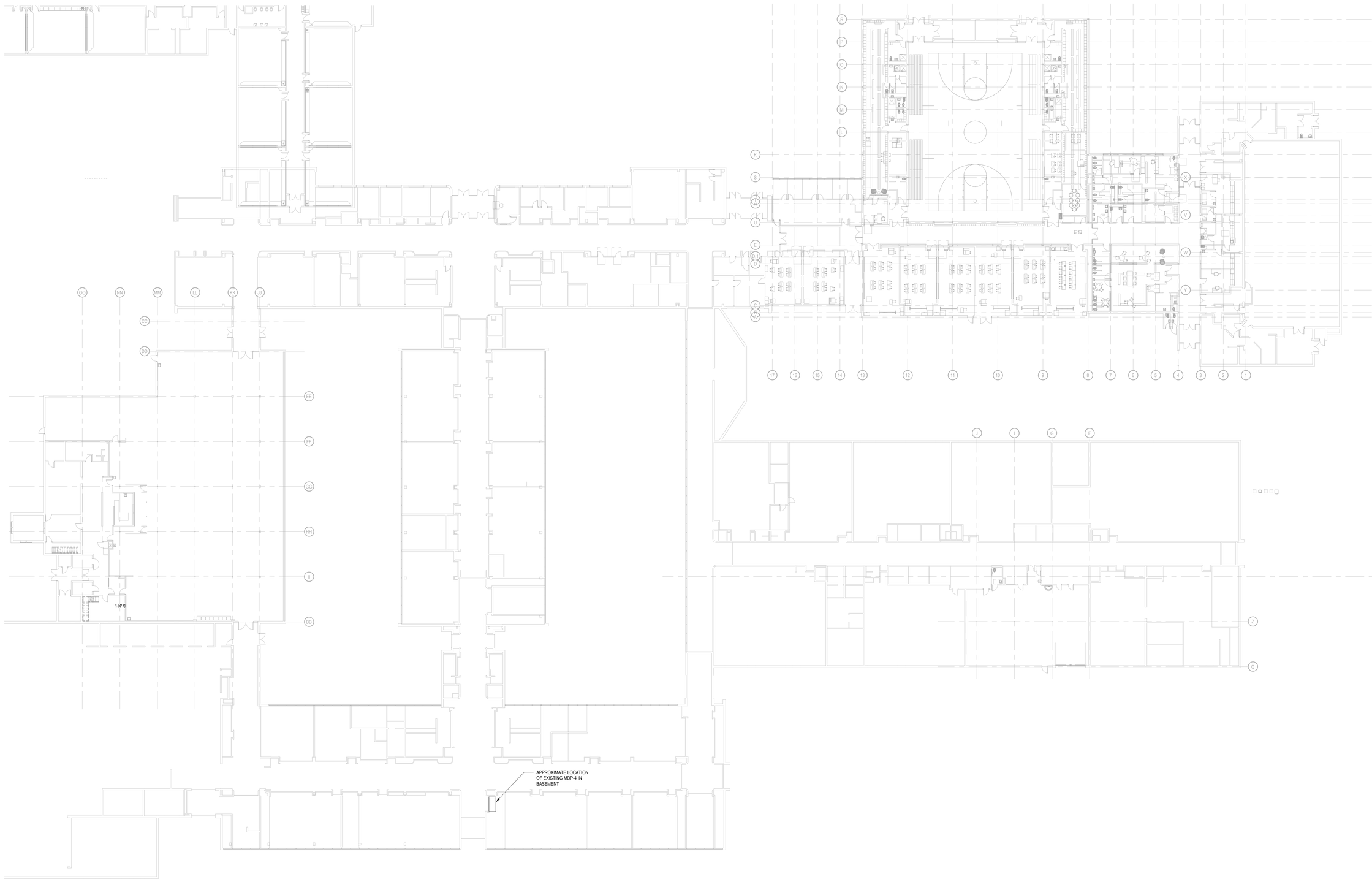
WASHINGTON ELEM SCHOOL - ELEC FIRST FLOOR PLAN

E-202

BIDDING

GENERAL NOTES:

1. REFER TO GENERAL NOTES AND SYMBOLS ON SHEET E-000.
2. REFER TO PROJECT MANUAL FOR PROJECT SPECIFICATIONS.
3. ALL DEVICES ARE SHOWN ARE NEW UNLESS NOTED OTHERWISE.



1 E-400 HIGH SCHOOL - ELECTRICAL OVERALL PLAN
1" = 20'-0"

LEGAT ARCHITECTS
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT

2026 FACILITY IMPROVEMENTS

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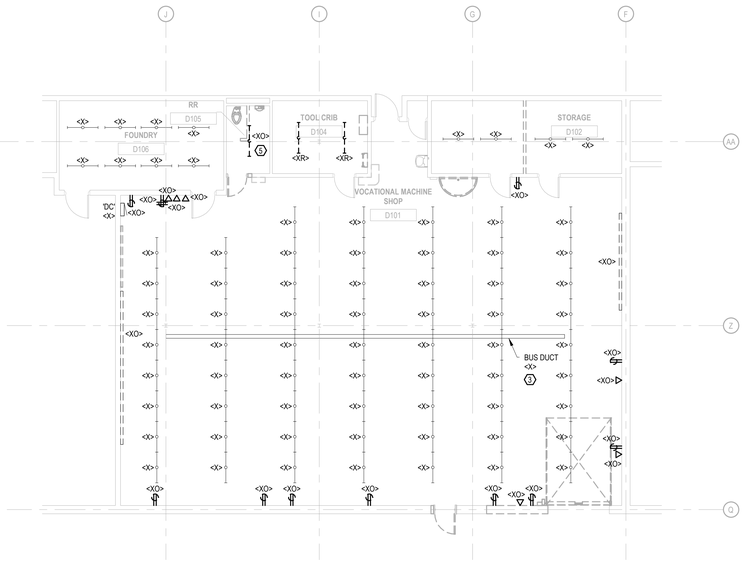
HIGH SCHOOL - OVERALL PLAN

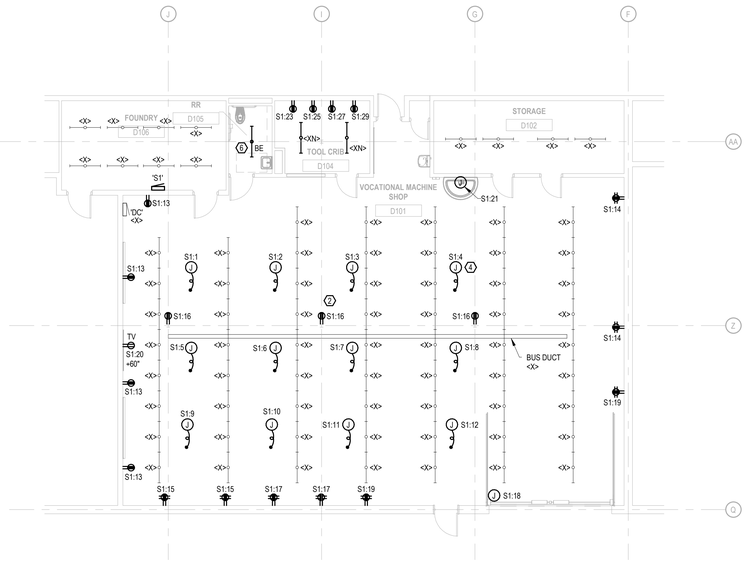
E-400

BIDDING



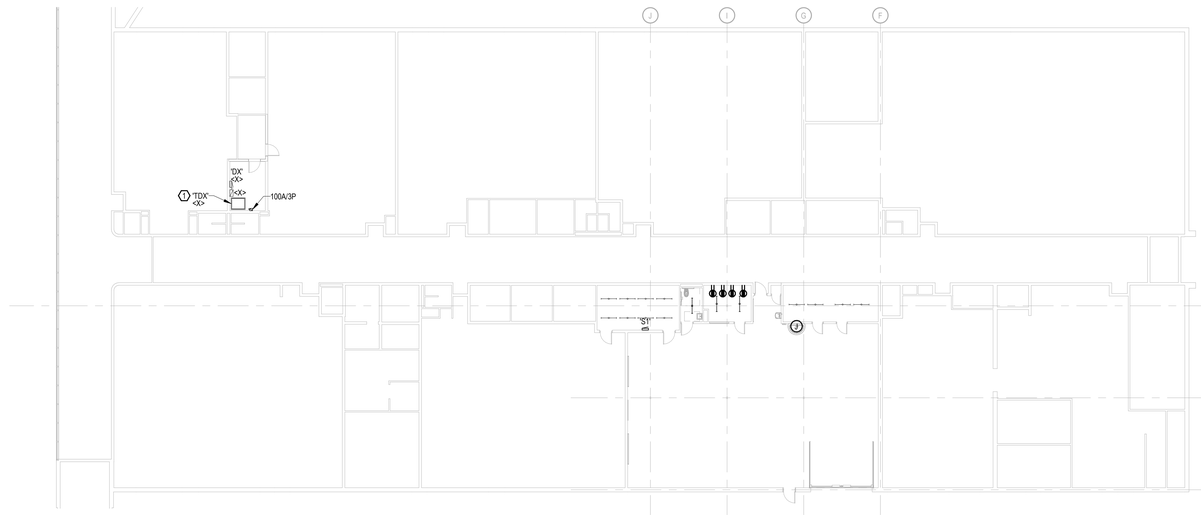
3 E-401D — ELECTRICAL FIRST FLOOR DEMO PLAN - ENLARGED - D

1/8" = 1'-0"



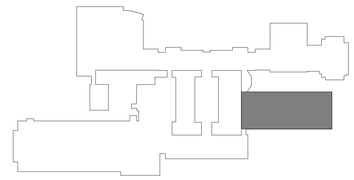
2 E-401D — ELECTRICAL FIRST FLOOR PLAN - ENLARGED - D

1/8" = 1'-0"



1 E-401D — ELECTRICAL FIRST FLOOR PLAN - D-Wing

1/16" = 1'-0"



KEY PLAN D-WING

1" = 200'-0"

GENERAL NOTES:

1. REFER TO GENERAL NOTES AND SYMBOLS ON SHEET E-000.
2. REFER TO PROJECT MANUAL FOR PROJECT SPECIFICATIONS.
3. ALL DEVICES NOT SHOWN ARE EXISTNG TO REMAIN AND BE REUSED UNLESS NOTED OTHERWISE.
4. PROVIDE ALL NECESSARY ROUGH-INS FOR SECURITY EQUIPMENT. COORDINATE ALL REQUIREMENTS WITH OWNER'S SECURITY VENDOR. VERIFY EXACT REQUIREMENTS WITH DOOR HARDWARE PROVIDERS AND OWNER.
5. SECURITY DEVICES (CAMERAS, CARD READERS, ETC.) ARE OWNER PROVIDED. COORDINATE REQUIREMENT WITH OWNER PRIOR TO ROUGH-IN.
6. COORDINATE FINAL SECURITY CAMERA LOCATION WITH OWNER PRIOR TO INSTALLATION.
7. INSTALL WALL MOUNTED OUTLETS 18" ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE
8. REFER TO ARCHITECTURAL PLANS FOR FINAL MOUNTING HEIGHTS AND FINAL FIXTURE LOCATIONS.
9. ALL RECEPTACLES TO BE TAMPER RESISTANT RECEPTACLES PER NEC 406.12.
10. COORDINATE ALL FINAL RECEPTACLE LOCATION WITH ARCHITECTURAL DRAWINGS, FINAL FURNITURE AND CASEWORK LAYOUTS, PRIOR TO ROUGH-IN.

 # KEYNOTE

1. TAP EXISTING TRANSFORMER TO SERVE PANEL S1. PROVIDE 100A/3P FUSED DISCONNECT ADJACENT TO XFMR TDX. FIELD VERIFY FEEDER ROUTING.
2. ALL RECEPTACLES THIS ROOM SHALL BE +42" ABOVE FLOOR UNLESS OTHERWISE NOTED.
3. ELECTRICAL CONTRACTOR SHALL REMOVE ALL EXISTING OPEN BOXES AND EXISTING EMPTY RACEWAYS BACK TO BUSDUCT.
4. CORD REEL WITH (2) GFCI RECEPTACLES. REFER TO DETAIL 3/E-500.
5. DISCONNECT AND REMOVE EXISTING LIGHT. PROTECT AND MAINTAIN EXISTING CIRCUITRY TO CONNECT TO NEW LIGHTS. MAINTAIN EXISTING SWITCHING.
6. CONNECT NEW FIXTURE TO EXISTING CIRCUITRY AND SWITCHING. PROVIDE UNSWITCHED SENSING CIRCUIT FOR BATTERY PACK.

LEGAT ARCHITECTS
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT

2026 FACILITY IMPROVEMENTS

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REVIEWED BY	JV

HIGH SCHOOL D-WING - ELEC DEMO AND NEW WORK

E-401D

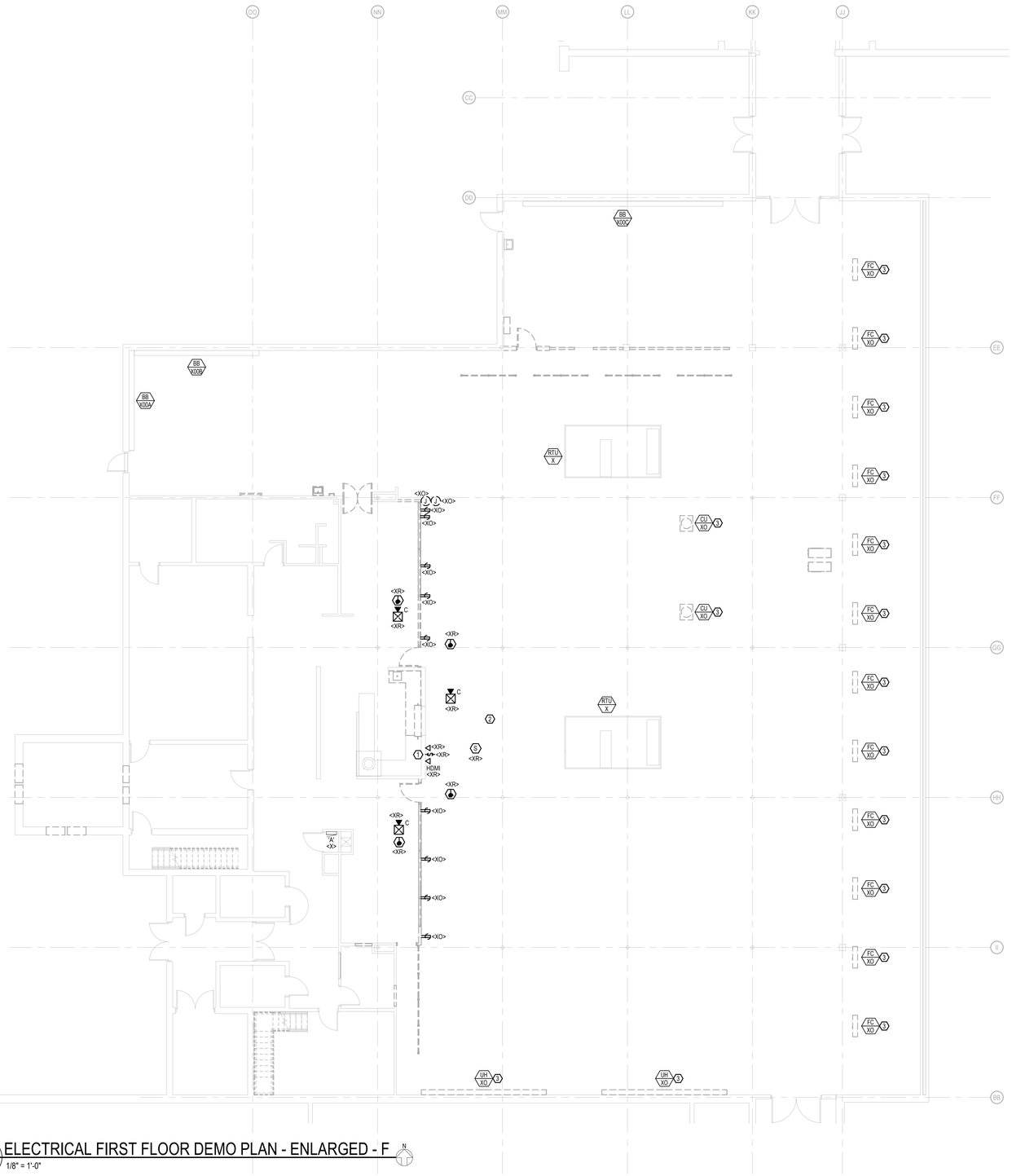
BIDDING

GENERAL NOTES:

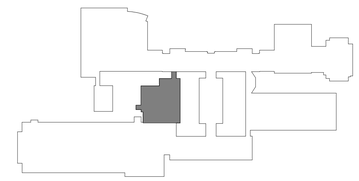
1. REFER TO GENERAL NOTES AND SYMBOLS ON SHEET E-000.
2. REFER TO PROJECT MANUAL FOR PROJECT SPECIFICATIONS.
3. ALL DEVICES NOT SHOWN ARE EXISTNG TO REMAIN AND BE REUSED UNLESS NOTED OTHERWISE.
4. ALL DEVICES MARKED <XR> TO BE RELOCATED.

 # KEYNOTE

1 EXISTING PROJECTOR CONTROLS AND DEVICES TO BE RELOCATED. PROTECT AND MAINTAIN EXISTING WIRING TO EXTEND TO NEW LOCATION.
2 EXISTING PROJECTOR SCREEN TO BE RELOCATED. PROTECT AND MAINTAIN EXISTING WIRING TO EXTEND TO NEW LOCATION.
3 DISCONNECT EXISTING MECHANICAL EQUIPMENT TO BE REMOVED. REMOVE EXISTING CIRCUITRY BACK TO SOURCE.



1 / E-402F ELECTRICAL FIRST FLOOR DEMO PLAN - ENLARGED - F
1/8" = 1'-0"



KEY PLAN
1" = 200'-0"

LEGAT ARCHITECTS
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT

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REVIEWED BY	JV

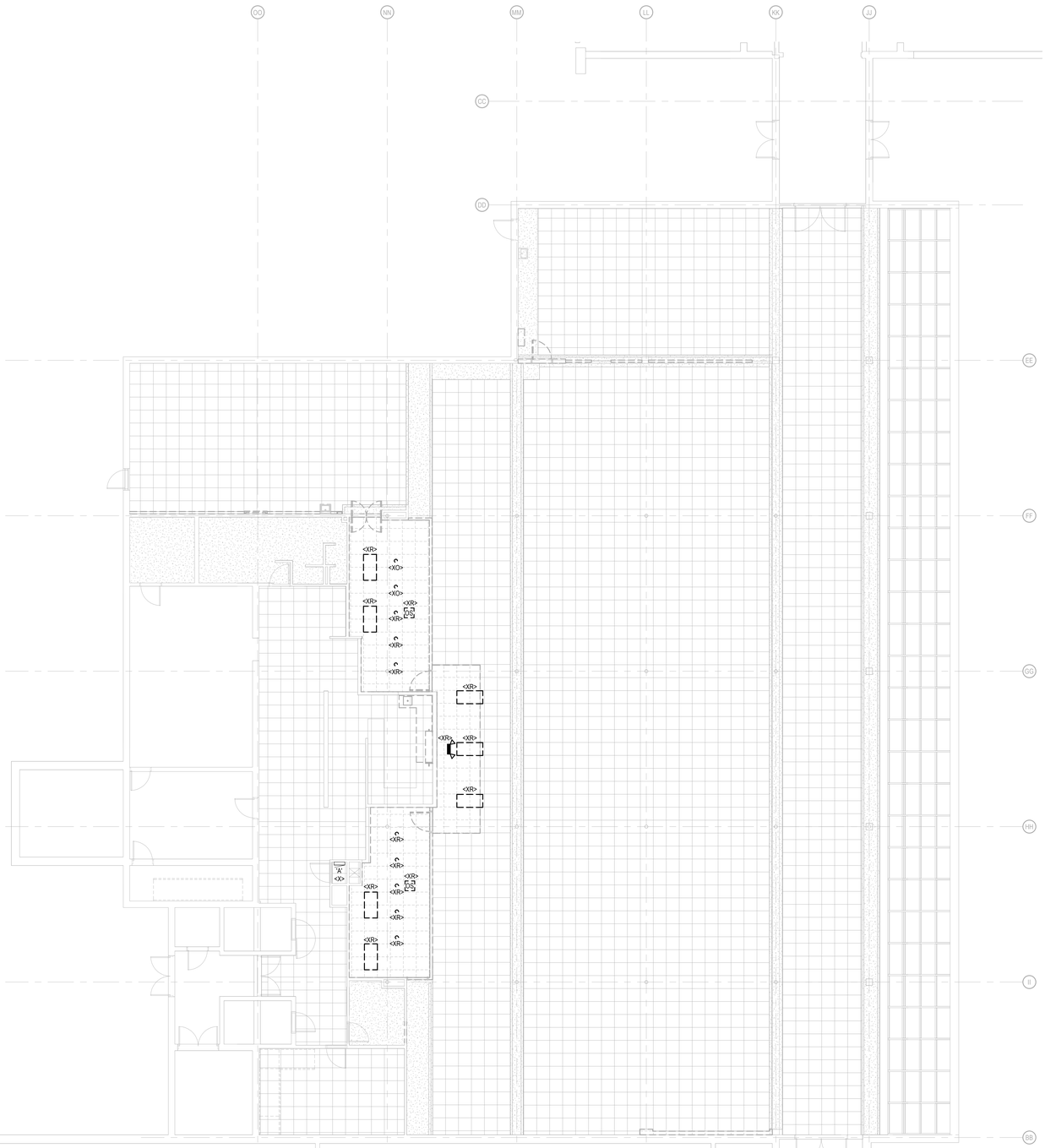
HIGH SCHOOL F-WING - FIRST FLOOR ELEC DEMOLITION PLAN

E-402F

BIDDING

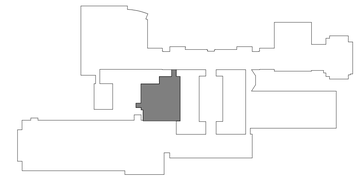
GENERAL NOTES:

1. REFER TO GENERAL NOTES AND SYMBOLS ON SHEET E-000.
2. REFER TO PROJECT MANUAL FOR PROJECT SPECIFICATIONS.
3. ALL DEVICES NOT SHOWN ARE EXISTNG TO REMAIN AND BE REUSED UNLESS NOTED OTHERWISE.
4. ALL DEVICES MARKED <XR> TO BE RELOCATED.



1 / E-403F LIGHTING FIRST FLOOR DEMOLITION PLAN - ENLARGED - F

1/8" = 1'-0"



KEY PLAN

1" = 200'-0"

LEGAT ARCHITECTS
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT

2026 FACILITY IMPROVEMENTS

BUTTERWORTH ELEMENTARY SCHOOL
LOGAN ELEMENTARY SCHOOL
WASHINGTON ELEMENTARY SCHOOL
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ARCHITECT

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Moline, IL 61265
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REVIEWED BY	JV

HIGH SCHOOL F-WING - FIRST FLOOR LIGHTING DEMOLITION PLAN

E-403F

BIDDING



1 E-404F ELECTRICAL FIRST FLOOR PLAN - ENLARGED - F

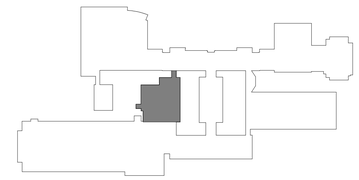
1/8" = 1'-0"

N

GENERAL NOTES:

1. REFER TO GENERAL NOTES AND SYMBOLS ON SHEET E-000.
2. REFER TO PROJECT MANUAL FOR PROJECT SPECIFICATIONS.
3. ALL DEVICES SHOWN ARE NEW UNLESS NOTED OTHERWISE.
4. PROVIDE ALL NECESSARY ROUGH-INS FOR SECURITY EQUIPMENT. COORDINATE ALL REQUIREMENTS WITH OWNER'S SECURITY VENDOR. VERIFY EXACT REQUIREMENTS WITH DOOR HARDWARE PROVIDERS AND OWNER.
5. SECURITY DEVICES (CAMERAS, CARD READERS, ETC.) ARE OWNER PROVIDED. COORDINATE REQUIREMENT WITH OWNER PRIOR TO ROUGH-IN.
6. COORDINATE FINAL SECURITY CAMERA LOCATION WITH OWNER PRIOR TO INSTALLATION.
7. INSTALL WALL MOUNTED OUTLETS 18" ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE
8. REFER TO ARCHITECTURAL PLANS FOR FINAL MOUNTING HEIGHTS AND FINAL FIXTURE LOCATIONS.
9. ALL RECEPTACLES TO BE TAMPER RESISTANT RECEPTACLES PER NEC 406.12.
10. COORDINATE ALL FINAL RECEPTACLE LOCATIONS WITH ARCHITECTURAL DRAWINGS, KITCHEN EQUIPMENT DRAWINGS, FINAL FURNITURE AND CASEWORK LAYOUTS, PRIOR TO ROUGH-IN.
11. ALL DEVICES MARKED <XN> SHALL BE EXISTING DEVICE RELOCATED. REWORK AND EXTEND EXISTING CIRCUITRY AS REQUIRED.

#	KEYNOTE
1	PROVIDE (1) DATA FROM NEAREST DATA RACK FOR KITCHEN EQUIPMENT. COORDINATE REQUIREMENTS WITH EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN.
2	PROVIDE POWER CONNECTION TO CEILING MOUNTED PROJECTION SCREEN. COORDINATE LOCATION AND CONTROL REQUIREMENTS WITH OWNER PRIOR TO ROUGH-IN. EC TO PROVIDE DA-LITE WIDE 16:10 - 164" DIAGONAL SCREEN (87"X139"). COORDINATE INSTALLATION REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN.
3	PROVIDE POWER, HDMI, AND DATA CONNECTIONS TO CEILING MOUNTED PROJECTOR. COORDINATE LOCATION AND CONTROL REQUIREMENTS WITH OWNER PRIOR TO ROUGH-IN.
4	PROVIDE 4x4 JUNCTION BOX IN WALL FOR FUTURE WALL MOUNTED LIGHT. PROVIDE 3/4"C TO ABOVE CEILING WITH PULL STRING. COORDINATE HEIGHT OF BOX WITH ARCHITECT PRIOR TO ROUGH-IN.



KEY PLAN

1" = 200'-0"

LEGAT ARCHITECTS
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT

2026 FACILITY IMPROVEMENTS

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REVIEWED BY	JV

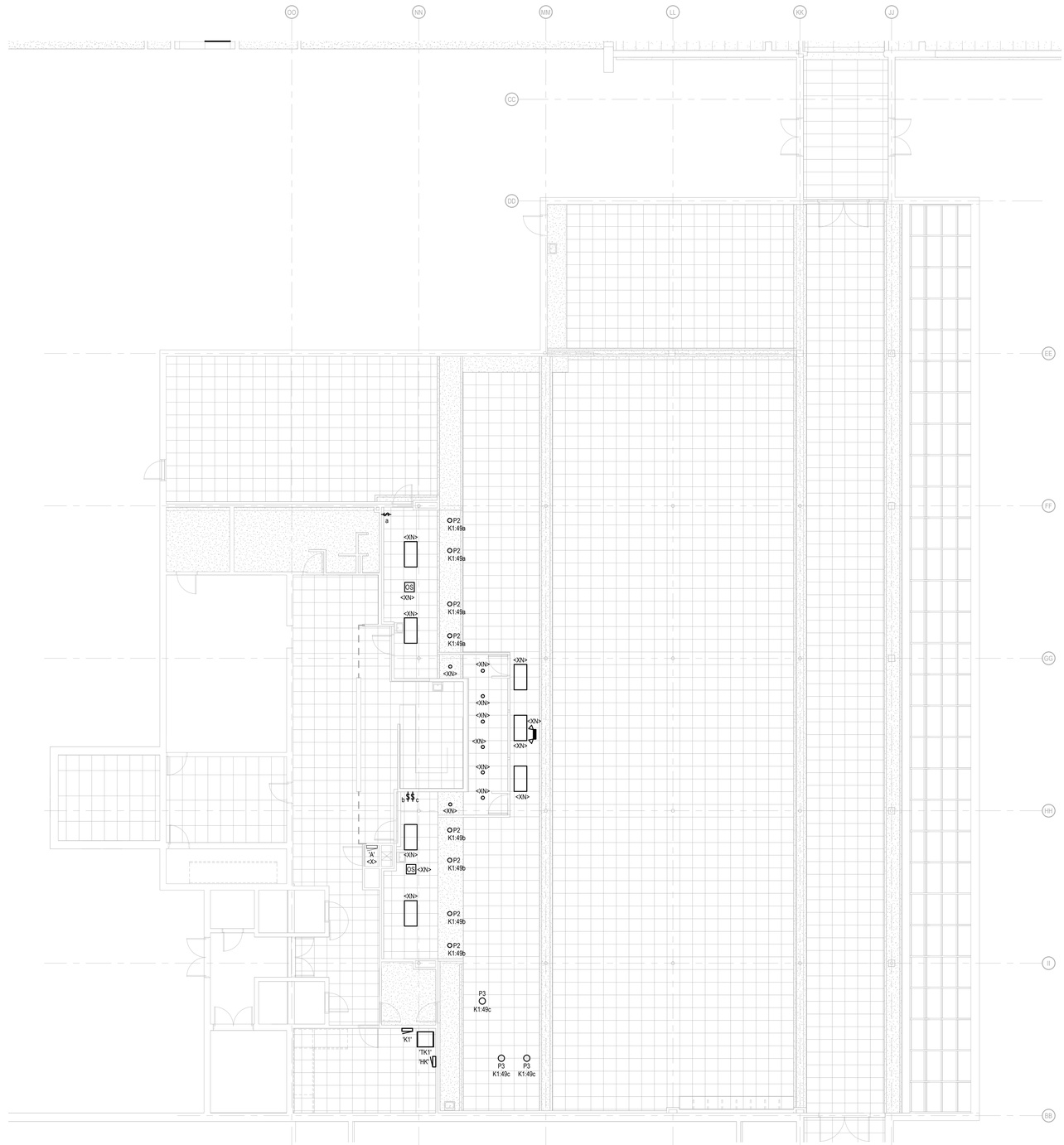
HIGH SCHOOL F-WING - FIRST FLOOR ELECTRICAL PLAN

E-404F

BIDDING

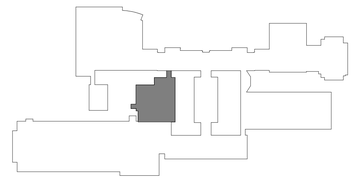
GENERAL NOTES:

1. REFER TO GENERAL NOTES AND SYMBOLS ON SHEET E-000.
2. REFER TO PROJECT MANUAL FOR PROJECT SPECIFICATIONS.
3. ALL DEVICES ARE SHOWN ARE NEW UNLESS NOTED OTHERWISE.
4. REFER TO ARCHITECTURAL DRAWINGS FOR FIXTURE MOUNTING HEIGHTS AND LOCATIONS.
5. ALL FIXTURES AND DEVICES MARKED <XN> SHALL BE EXISTING IN NEW LOCATION. REWORK AND EXTEND CIRCUITRY AS REQUIRED.
6. FIELD VERIFY EXACT LOCATIONS OF ALL P2 AND P3 FIXTURES WITH KITCHEN EQUIPMENT SUPPLIER PRIOR TO ROUGH-INS.



1 E-405F LIGHTING FIRST FLOOR PLAN - ENLARGED - F

1/8" = 1'-0"



KEY PLAN

1" = 200'-0"

LEGAT ARCHITECTS
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT

2026 FACILITY IMPROVEMENTS

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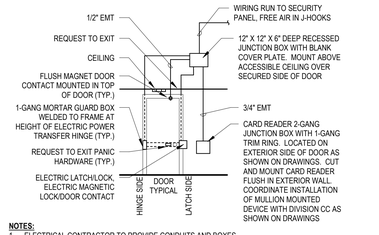
HIGH SCHOOL F-WING - FIRST FLOOR LIGHTING PLAN

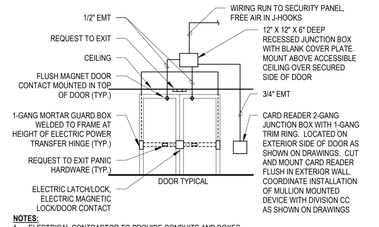
E-405F

BIDDING



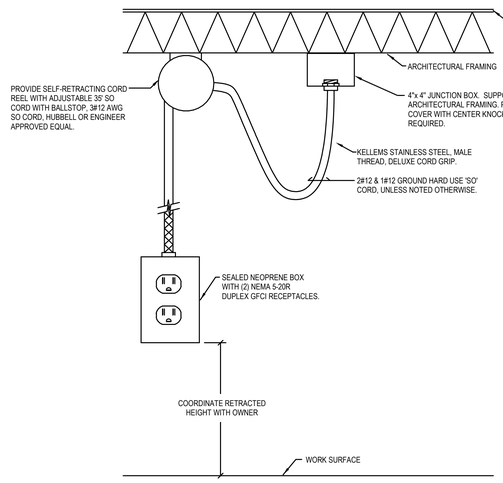
NOTES:
1. ELECTRICAL CONTRACTOR TO PROVIDE CONDUITS AND BOXES
2. EMPTY CONDUITS TO CONTAIN NYLON PULL STRING ENTIRE LENGTH
3. ALL DEVICES SHOWN MAY NOT APPLY TO ALL DOORS. THE DEVICES INDICATED ARE TYPICAL DEVICES REQUIRING WORK BY THIS CONTRACTOR. REFERENCE THE ARCHITECTURAL DOOR HARDWARE SCHEDULE AND SPECIFICATION FOR ALL EQUIPMENT ASSOCIATED WITH EACH DOOR HARDWARE GROUP
4. THE CONTRACTOR SHALL COORDINATE WITH THE GC AND DOOR HARDWARE VENDOR PRIOR TO THE START OF DOOR HARDWARE ROUGH-IN WORK. CONTRACTOR SHALL PROVIDE JUNCTION BOXES AS DEFINED IN THE DOOR HARDWARE VENDOR'S WIRING DIAGRAM

1 / E-500 SINGLE DOOR SECURITY ROUGH-IN

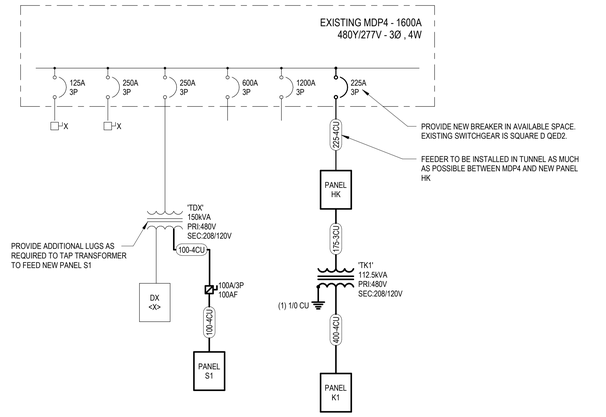


NOTES:
1. ELECTRICAL CONTRACTOR TO PROVIDE CONDUITS AND BOXES
2. EMPTY CONDUITS TO CONTAIN NYLON PULL STRING ENTIRE LENGTH
3. ALL DEVICES SHOWN MAY NOT APPLY TO ALL DOORS. THE DEVICES INDICATED ARE TYPICAL DEVICES REQUIRING WORK BY THIS CONTRACTOR. REFERENCE THE ARCHITECTURAL DOOR HARDWARE SCHEDULE AND SPECIFICATION FOR ALL EQUIPMENT ASSOCIATED WITH EACH DOOR HARDWARE GROUP
4. THE CONTRACTOR SHALL COORDINATE WITH THE GC AND DOOR HARDWARE VENDOR PRIOR TO THE START OF DOOR HARDWARE ROUGH-IN WORK. CONTRACTOR SHALL PROVIDE JUNCTION BOXES AS DEFINED IN THE DOOR HARDWARE VENDOR'S WIRING DIAGRAM

2 / E-500 DOUBLE DOOR SECURITY ROUGH-IN



3 / E-500 CORD REEL DETAIL



4 / E-500 PARTIAL ONE-LINE DIAGRAM

GENERAL NOTES:
1. REFER TO GENERAL NOTES AND SYMBOLS ON SHEET E-000.
2. REFER TO PROJECT MANUAL FOR PROJECT SPECIFICATIONS.
3. ONE LINES ARE SHOWN FOR REFERENCE ONLY AND ARE BASED ON AS-BUILT DOCUMENTATION AND CONDITIONS READILY VISIBLE TO THE ENGINEER ON SITE. FIELD VERIFY INFORMATION SHOWN AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

FEEDER SCHEDULE

FEEDER SCHEDULE

TAG	SETS	CURRENT CARRYING CONDUCTORS	GROUND	CONDUIT
20-2 CU	1	2#12	1#12	3/4"
25-2 CU	1	2#10	1#10	3/4"
30-2 CU	1	2#10	1#10	3/4"
35-2 CU	1	2#8	1#10	3/4"
40-2 CU	1	2#8	1#10	3/4"
45-2 CU	1	2#8	1#10	3/4"
50-2 CU	1	2#8	1#10	3/4"
60-2 CU	1	2#6	1#10	3/4"
70-2 CU	1	2#4	1#8	1"
80-2 CU	1	2#4	1#8	1"
90-2 CU	1	2#3	1#8	1-1/4"
100-2 CU	1	2#3	1#8	1-1/4"
20-3 CU	1	3#12	1#12	3/4"
25-3 CU	1	3#10	1#10	3/4"
30-3 CU	1	3#10	1#10	3/4"
35-3 CU	1	3#8	1#10	3/4"
40-3 CU	1	3#8	1#10	3/4"
45-3 CU	1	3#8	1#10	3/4"
50-3 CU	1	3#8	1#10	3/4"
60-3 CU	1	3#6	1#10	1"
70-3 CU	1	3#4	1#8	1"
80-3 CU	1	3#4	1#8	1"
90-3 CU	1	3#3	1#8	1-1/4"
100-3 CU	1	3#3	1#8	1-1/4"
110-3 CU	1	3#2	1#6	1-1/4"
125-3 CU	1	3#1	1#6	1-1/4"
150-3 CU	1	3#1/0	1#6	1-1/2"
175-3 CU	1	3#2/0	1#6	2"
200-3 CU	1	3#3/0	1#6	2"
225-3 CU	1	3#4/0	1#4	2"
250-3 CU	1	3#250	1#4	2-1/2"
300-3 CU	1	3#350	1#4	2-1/2"
350-3 CU	1	3#400	1#3	3"
400-3 CU	1	3#500	1#3	3"
450-3 CU	2	3#4/0	1#2	2"
500-3 CU	2	3#250	1#2	2-1/2"
600-3 CU	2	3#350	1#1	2-1/2"
700-3 CU	2	3#500	1#1/0	3"
800-3 CU	2	3#500	1#1/0	3"
900-3 CU	3	3#350	1#2/0	2-1/2"
1000-3 CU	3	3#400	1#2/0	3"
1200-3 CU	4	3#350	1#3/0	2-1/2"
1400-3 CU	4	3#500	1#4/0	3"
1600-3 CU	5	3#400	1#4/0	3"
1800-3 CU	5	3#500	1#250	3"
2000-3 CU	6	3#400	1#250	3"
2500-3 CU	7	3#500	1#350	3"
3000-3 CU	8	3#500	1#400	3-1/2"
20-4 CU	1	4#12	1#12	3/4"
25-4 CU	1	4#10	1#10	3/4"
30-4 CU	1	4#10	1#10	3/4"
35-4 CU	1	4#8	1#10	3/4"
40-4 CU	1	4#8	1#10	3/4"
45-4 CU	1	4#8	1#10	3/4"
50-4 CU	1	4#8	1#10	3/4"
60-4 CU	1	4#6	1#10	1"
70-4 CU	1	4#4	1#8	1-1/4"
80-4 CU	1	4#4	1#8	1-1/4"
90-4 CU	1	4#3	1#8	1-1/4"
100-4 CU	1	4#3	1#8	1-1/4"
110-4 CU	1	4#2	1#6	1-1/4"
125-4 CU	1	4#1	1#6	1-1/2"
150-4 CU	1	4#1/0	1#6	1-1/2"
175-4 CU	1	4#2/0	1#6	2"
200-4 CU	1	4#3/0	1#6	2"
225-4 CU	1	4#4/0	1#4	2-1/2"
250-4 CU	1	4#250	1#4	2-1/2"
300-4 CU	1	4#350	1#4	3"
350-4 CU	1	4#400	1#3	3"
400-4 CU	1	4#500	1#3	3-1/2"
450-4 CU	2	4#4/0	1#2	2-1/2"
500-4 CU	2	4#250	1#2	2-1/2"
600-4 CU	2	4#350	1#1	3"
700-4 CU	2	4#500	1#1/0	3-1/2"
800-4 CU	2	4#500	1#1/0	3-1/2"
900-4 CU	3	4#350	1#2/0	3"
1000-4 CU	3	4#400	1#2/0	3"
1200-4 CU	4	4#350	1#3/0	3"
1400-4 CU	4	4#500	1#4/0	3-1/2"
1600-4 CU	5	4#400	1#4/0	3"
1800-4 CU	5	4#500	1#250	3-1/2"
2000-4 CU	6	4#400	1#250	3"
2500-4 CU	7	4#500	1#350	3-1/2"
3000-4 CU	8	4#500	1#400	3-1/2"
4000-4 CU	11	3#500	1#3/0	3-1/2"

LEGAT ARCHITECTS
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT

2026 FACILITY IMPROVEMENTS

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ARCHITECT
Legat Architects, Inc.
1515 5th Ave, Suite 108
Moline, IL 61265
P: 309.517.5536
www.legat.com

MEP/FP ENGINEER
RTM Engineering Consultants
5137 Utica Ridge Rd.
Davenport, IA 52807
P: 563.726.6310
www.rtmec.com

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REVISIONS

NO.	DESCRIPTION	DATE

PROJECT NUMBER 225057.00
DATE OF ISSUE 02.16.2026
DRAWN BY JV
REVIEWED BY JV

ELECTRICAL ONE-LINE DIAGRAM AND DETAILS

E-500

BIDDING

Branch Panel: HK

Location: STORAGE F109 | **Supply From:** | **Mounting:** Surface | **Enclosure:** Type 1
Volts: 480/277 Wye | **Phases:** 3 | **Wires:** 4
A.I.C. Rating: 42,000 | **Mains Type:** MCB | **Bus Amps:** 225 A | **MCB Rating:** 225 A

CB Info	CKT	Circuit Description	Amps	Trip	Poles	A	B	C	Poles	Trip	Amps	Circuit Description	CKT	CB Info
	1					4875 VA	4875 VA						2	
	3	HVAC	17.59 A	25 A	3		4875 VA	4875 VA	3	25 A	17.59 A	HVAC	4	
	5							4875 VA	4875 VA				6	
	7					53559 VA	0 VA		1	20 A	--	SPARE	8	
	9	TK1	190.2 8 A	175 A	3		54638...	0 VA	1	20 A	--	SPARE	10	
	11							49995...	0 VA	1	20 A	--	SPARE	12
	13	SPARE	--	20 A	1	0 VA	0 VA		1	20 A	--	SPARE	14	
	15	SPARE	--	20 A	1		0 VA	0 VA	1	20 A	--	SPARE	16	
	17	SPARE	--	20 A	1			0 VA	0 VA	1	20 A	--	SPARE	18
				Total Load:		63309 VA	64388 VA	59745 VA						
				Tot...		231 A	234 A	216 A						

CIRCUIT BREAKER INFORMATION LEGEND:
G = GROUND FAULT SENSING
S = SHUNT TRIP
L = LOCK OUT
A = ARC FAULT INTERRUPTER

ABBREVIATIONS:
MCB = MAIN CIRCUIT BREAKER
CB = CIRCUIT BREAKER
CKT = CIRCUIT

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	29250 VA	100.00%	29250 VA		
Kitchen Equipment - Non-Dwelling Unit	156812 VA	65.00%	101928 VA	**Total Conn. Load:**	187442 VA
Power	1260 VA	100.00%	1260 VA	**Total Est. Demand:**	132558 VA
Lighting	120 VA	100.00%	120 VA	**Total Conn.:**	225 A
				Total Est. Demand:	159 A

Notes:

Branch Panel: S1

Location: FOUNDRY D106 | **Supply From:** | **Mounting:** Surface | **Enclosure:** Type 1
Volts: 120/208 Wye | **Phases:** 3 | **Wires:** 4
A.I.C. Rating: 22,000 | **Mains Type:** MLO | **Bus Amps:** 100 A | **MCB Rating:** 100 A

CB Info	CKT	Circuit Description	Amps	Trip	Poles	A	B	C	Poles	Trip	Amps	Circuit Description	CKT	CB Info
	1	CORD REEL ROW 1-1	8.33...	20 A	1	1000 VA	1000 VA		1	20 A	8.33...	CORD REEL ROW 1-2	2	
	3	CORD REEL ROW 1-3	8.33...	20 A	1		1000 VA	1000 VA	1	20 A	8.33...	CORD REEL ROW 1-4	4	
	5	CORD REEL ROW 2-1	8.33...	20 A	1			1000 VA	1000 VA	1	20 A	8.33...	CORD REEL ROW 2-2	6
	7	CORD REEL ROW 2-3	8.33...	20 A	1	1000 VA	1000 VA		1	20 A	8.33...	CORD REEL ROW 2-4	8	
	9	CORD REEL ROW 3-1	8.33...	20 A	1		1000 VA	1000 VA	1	20 A	8.33...	CORD REEL ROW 3-2	10	
	11	CORD REEL ROW 3-3	8.33...	20 A	1			1000 VA	1000 VA	1	20 A	8.33...	CORD REEL ROW 3-4	12
	13	RECEPTS RM D101 NW AND W WALL	6 A	20 A	1	720 VA	720 VA		1	20 A	6 A	QUAD RECEPTS E. WALL NORTH	14	
	15	QUAD RECEPTS S. WALL WEST	6 A	20 A	1		720 VA	540 VA	1	20 A	4.5 A	RECEPTS COLUMNS GZ, IZ, JZ	16	
	17	QUAD RECEPTS S. WALL CENTER	6 A	20 A	1			720 VA	1000 VA	1	20 A	8.33...	GARAGE DOOR	18
	19	QUAD RECEPTS S. WALL EAST, E. WAL...	6 A	20 A	1	720 VA	500 VA		1	20 A	4.17...	RECEPT TV W. WALL	20	
	21	SEMI-CIRCULAR SINK	8.33...	20 A	1		1000 VA	0 VA	1	20 A	--	SPARE	22	
	23	RECEPT FUTURE CHARGER	1.5 A	20 A	1			180 VA	0 VA	1	20 A	--	SPARE	24
	25	RECEPT FUTURE CHARGER	1.5 A	20 A	1	180 VA	0 VA		1	20 A	--	SPARE	26	
	27	RECEPT FUTURE CHARGER	1.5 A	20 A	1		180 VA	0 VA	1	20 A	--	SPARE	28	
	29	RECEPT FUTURE CHARGER	1.5 A	20 A	1			180 VA	0 VA	1	20 A	--	SPARE	30
				Total Load:		6840 VA	6440 VA	6080 VA						
				Tot...		57 A	54 A	51 A						

CIRCUIT BREAKER INFORMATION LEGEND:
G = GROUND FAULT SENSING
S = SHUNT TRIP
L = LOCK OUT
A = ARC FAULT INTERRUPTER

ABBREVIATIONS:
MCB = MAIN CIRCUIT BREAKER
CB = CIRCUIT BREAKER
CKT = CIRCUIT

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Power	19360 VA	100.00%	19360 VA		
				Total Conn. Load:	19360 VA
				Total Est. Demand:	19360 VA
				Total Conn.:	54 A
				Total Est. Demand:	54 A

Notes:

Branch Panel: G

Location: CORRIDOR 101 | **Supply From:** | **Mounting:** Recessed | **Enclosure:** Type 1
Volts: 120/208 Wye | **Phases:** 3 | **Wires:** 4
A.I.C. Rating: EXISTING | **Type:** MLO | **Bus Amps:** 100 A

CB Info	CKT	Circuit Description	A...	Trip	Poles	A	B	C	Poles	Trip	A...	Circuit Description	CKT	CB Info
E	1	EXISTING LOAD	--	20 A	1	0 VA	0 VA		1	20 A	--	EXISTING LOAD	2	E
E	3	EXISTING LOAD	--	20 A	1		0 VA	0 VA	1	20 A	--	EXISTING LOAD	4	E
E	5	EXISTING LOAD	--	20 A	1			0 VA	0 VA	1	20 A	--	EXISTING LOAD	6
E	7	EXISTING LOAD	--	20 A	1	0 VA	0 VA		1	20 A	--	EXISTING LOAD	8	E
E	9	EXISTING LOAD	--	20 A	1		0 VA	0 VA	1	20 A	--	EXISTING LOAD	10	E
E	11	EXISTING LOAD	--	20 A	1			0 VA	0 VA	1	20 A	--	EXISTING LOAD	12
E	13	EXISTING LOAD	--	20 A	1	0 VA	0 VA		1	20 A	--	EXISTING LOAD	14	E
E	15	EXISTING LOAD	--	20 A	1		0 VA	0 VA	1	20 A	--	EXISTING LOAD	16	E
E	17	EXISTING LOAD	--	20 A	1			0 VA	0 VA	1	20 A	--	EXISTING LOAD	18
E	19	EXISTING LOAD	--	20 A	1	0 VA	0 VA		1	20 A	--	EXISTING LOAD	20	E
E	21	EXISTING LOAD	--	20 A	1		0 VA	0 VA	1	20 A	--	EXISTING LOAD	22	E
E	23	EXISTING LOAD	--	20 A	1			0 VA	0 VA	1	20 A	--	EXISTING LOAD	24
E	25	EXISTING LOAD	--	20 A	1	0 VA	0 VA		1	20 A	--	EXISTING LOAD	26	E
E	27	EXISTING LOAD	--	20 A	1		0 VA	0 VA	1	20 A	--	EXISTING LOAD	28	E
E	29	EXISTING LOAD	--	20 A	1			0 VA	0 VA	1	20 A	--	EXISTING LOAD	30
E	31	EXISTING LOAD	--	20 A	1	0 VA	0 VA		1	20 A	--	EXISTING LOAD	32	E
E	33 35	EXISTING LOAD	--	20 A	2		0 VA	0 VA	1	20 A	--	EXISTING LOAD	34 36	E
E	37	**AC RECEPTS RM 20 NORTH**	3 A	20 A	1	360 VA	0 VA		2	20 A	--	EXISTING LOAD	38	E
E	39	EXISTING LOAD	--	20 A	1		0 VA	0 VA	1	20 A	--	EXISTING LOAD	40	E
E	41	EXISTING LOAD	--	20 A	1			0 VA	180 VA	1	20 A	1.5 A	**AC RECEPT RM 20 SOUTH**	42	E
				Total Load:		360 VA	0 VA	180 VA						
				Total Amps:		3 A	0 A	2 A						

CIRCUIT BREAKER INFORMATION LEGEND:
N = PROVIDE CIRCUIT BREAKER, SIZE AS INDICATED
E = EXISTING SPARE CIRCUIT BREAKER TO BE REUSED
G = GROUND FAULT SENSING
S = SHUNT TRIP
L = LOCK OUT
A = ARC FAULT INTERRUPTER

ABBREVIATIONS:
MLO = MAIN LUGS ONLY
CB = CIRCUIT BREAKER
CKT = CIRCUIT

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Power	540 VA	100.00%	540 VA		
				Total Conn. Load:	540 VA
				Total Est. Demand:	540 VA
				Total Conn.:	1 A
				Total Est. Demand:	1 A

Notes:
1) BOLD FONT INDICATES CHANGE TO PANELBOARD. EC TO PROVIDE UPDATED, TYPEWRITTEN PANEL DIRECTORY WITH COMPLETE AND ACCURATE DESCRIPTIONS FOR ALL EXISTING AND NEW LOADS.

Branch Panel: K1

Location: STORAGE F109 | **Supply From:** TK1 | **Mounting:** Surface | **Enclosure:** Type 1
Volts: 120/208 Wye | **Phases:** 3 | **Wires:** 4
A.I.C. Rating: 42,000 | **Mains Type:** MLO | **Bus Amps:** 400 A | **MCB Rating:** 400 A

CB Info	CKT	Circuit Description	Amps	Trip	Poles	A	B	C	Poles	Trip	Amps	Circuit Description	CKT	CB Info
G	1	REACH-IN REFRIGERATOR	7.6 A	20 A	1	912 VA	8320 VA		2	100 A	80 A	HOT AND COLD SERVING COUNTER	2	
G	3	REACH-IN REFRIGERATOR	7.6 A	20 A	1		912 VA	8320 VA					4	
G	5	REACH-IN HOT HOLDING CABINET	14.2...	20 A	1			1704 VA	8320 VA	2	100 A	80 A	HOT AND COLD SERVING COUNTER	6
G	7	REACH-IN HOT HOLDING CABINET	14.2...	20 A	1	1704 VA	8320 VA						8	
G	9	ROLL-IN REFRIGERATOR	7.6 A	20 A	1		912 VA	8320 VA	2	100 A	80 A	HOT AND COLD SERVING COUNTER	10	
G	11	HEATED ROLL-IN	15.4...	20 A	2			1610 VA	8320 VA				12	
	13					1610 VA	8320 VA						14	
G	15	CONVEYOR OVEN	33.9...	50 A	2		3535 VA	8320 VA	2	100 A	80 A	HOT AND COLD SERVING COUNTER	16	
	17							3535 VA	5200 VA				18	
G	19	CONVEYOR OVEN	33.9...	50 A	2	3535 VA	5200 VA		2	70 A	50 A	UTILITY SERVING COUNTER	20	
	21						3535 VA	5200 VA					22	
G	23	REFRIGERATED SELF-SERVICE CASE	9 A	20 A	1			1080 VA	5200 VA	2	70 A	50 A	UTILITY SERVING COUNTER	24
G	25	REFRIGERATED SELF-SERVICE CASE	9 A	20 A	1	1080 VA	5200 VA						26	
G	27	HEATED SELF-SERVICE CASE	14.1...	20 A	2		1470 VA	5200 VA					28	
	29							1470 VA	5200 VA	2	70 A	50 A	HOT AND COLD SERVING COUNTER	30
G	31	HEATED SELF-SERVICE CASE	14.1...	20 A	2	1470 VA	5200 VA		2	70 A	50 A	HOT AND COLD SERVING COUNTER	32	
	33						1470 VA	5200 VA					34	
G	35	REACH-IN REFRIGERATOR	7.6 A	20 A	1			912 VA	5200 VA	2	70 A	50 A	HOT AND COLD SERVING COUNTER	36
G	37	REACH-IN REFRIGERATOR	7.6 A	20 A	1	912 VA	1476 VA		1	20 A	12.3...	COLD SERVING COUNTER	38	G
G	39	REACH-IN HOT HOLDING CABINET	14.2...	20 A	1		1704 VA	360 VA	1	20 A	3 A	PROJECTOR/PROJECTOR SCREEN - S	40	
G	41	REACH-IN HOT HOLDING CABINET	14.2...	20 A	1			1704 VA	360 VA	1	20 A	3 A	PROJECTOR/PROJECTOR SCREEN - N	42
	43	AC RECEPT WEST	1.5 A	20 A	1	180 VA	0 VA		1	20 A	--	SPARE	44	
	45	AC RECEPT CENTER	1.5 A	20 A	1		180 VA	0 VA	1	20 A	--	SPARE	46	
	47	AC RECEPT EAST	1.5 A	20 A	1			180 VA	0 VA	1	20 A	--	SPARE	48
	49	SERVING AREA LIGHTS	1 A	20 A	1	120 VA	0 VA						50	
	51	SPARE	--	20 A	1		0 VA	0 VA	1	20 A	--	SPARE	52	
	53	SPARE	--	20 A	1			0 VA	0 VA	1	20 A	--	SPARE	54
				Total Load:		53559 VA	54638 VA	49995 VA						
				Tot...		451 A	460 A	417 A						

CIRCUIT BREAKER INFORMATION LEGEND:
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S = SHUNT TRIP
L = LOCK OUT
A = ARC FAULT INTERRUPTER

ABBREVIATIONS:
MCB = MAIN CIRCUIT BREAKER
CB = CIRCUIT BREAKER
CKT = CIRCUIT

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Kitchen Equipment - Non-Dwelling Unit	156812 VA	65.00%	101928 VA		
Power	1260 VA	100.00%	1260 VA	**Total Conn. Load:**	158192 VA
Lighting	120 VA	100.00%	120 VA	**Total Est. Demand:**	103308 VA
				Total Conn.:	439 A
				Total Est. Demand:	287 A

Notes:

Branch Panel: D

Location: LOBBY 100 | **Supply From:** | **Mounting:** Recessed | **Enclosure:** Type 1
Volts: 120/208 Wye | **Phases:** 3 | **Wires:** 4
A.I.C. Rating: EXISTING | **Type:** MLO | **Bus Amps:** 100 A

CB Info	CKT	Circuit Description	A...	Trip	Poles	A	B	C	Poles	Trip	A...	Circuit Description	CKT	CB Info
E	1	EXISTING LOAD	--	20 A	1	0 VA	0 VA		1	20 A	--	EXISTING LOAD	2	E
E	3	EXISTING LOAD	--	20 A	1		0 VA	0 VA	1	20 A	--	EXISTING LOAD	4	E
E	5	EXISTING LOAD	--	20 A	1			0 VA	0 VA	1	20 A	--	EXISTING LOAD	6
E	7	EXISTING LOAD	--	20 A	1	0 VA	0 VA		1	20 A	--	EXISTING LOAD	8	E
E	9	EXISTING LOAD	--	20 A	1		0 VA	0 VA	1	20 A	--	EXISTING LOAD	10	E
E	11	EXISTING LOAD	--	20 A	1			0 VA	0 VA	1	20 A	--	EXISTING LOAD	12
E	13 15	SPARE	--	20 A	2	0 VA	0 VA		1	20 A	--	EXISTING LOAD	14 16	E
E	17	**AUTO OPERATORS**	8.3...	20 A	1		0 VA	0 VA	1	20 A	--	EXISTING LOAD	18	E
E	19	EXISTING LOAD	--	20 A	1	0 VA	0 VA		1	20 A	--	EXISTING LOAD	20	E
E	21	EXISTING LOAD	--	20 A	1		0 VA	0 VA	1	20 A	--	EXISTING LOAD	22	E
E	23	EXISTING LOAD	--	20 A	1			0 VA	0 VA	1	20 A	--	EXISTING LOAD	24
E	25	EXISTING LOAD	--	20 A	1	0 VA	0 VA		1	20 A	--	SPARE	26	E
E	27	**OVERHEAD DOOR**	8.3...	20 A	1		1000 VA	0 VA	1	20 A	--	SPARE	28	E
E	29	SPARE	--	20 A	1			0 VA	0 VA	1	20 A	--	SPARE	30
E	31	SPARE	--	20 A	1	0 VA	0 VA		1	20 A	--	SPARE	32	E
E	33	SPARE	--	20 A	1		0 VA	0 VA	1	20 A	--	SPARE	34	E
E	35	SPARE	--	20 A	1			0 VA	0 VA	1	20 A	--	SPARE	36
E	37	EXISTING LOAD	--	20 A	1	0 VA	0 VA		1	20 A	--	SPARE	38	E
E	39	EXISTING LOAD	--	20 A	1		0 VA	0 VA	1	20 A	--	SPARE	40	E
E	41	SPARE	--	20 A	1			0 VA	0 VA	1	20 A	--	SPARE	42
				Total Load:		0 VA	1000 VA	1000 VA						
				Total Amps:		0 A	10 A	10 A						

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L = LOCK OUT
A = ARC FAULT INTERRUPTER

ABBREVIATIONS:
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CB = CIRCUIT BREAKER
CKT = CIRCUIT

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Power	2000 VA	100.00%	2000 VA		
				Total Conn. Load:	2000 VA
				Total Est. Demand:	2000 VA
				Total Conn.:	6 A
				Total Est. Demand:	6 A

Notes:
1) BOLD FONT INDICATES CHANGE TO PANELBOARD. EC TO PROVIDE UPDATED, TYPEWRITTEN PANEL DIRECTORY WITH COMPLETE AND ACCURATE DESCRIPTIONS FOR ALL EXISTING AND NEW LOADS.

MECHANICAL EQUIPMENT CONNECTION SCHEDULE

TAG 1	DESCRIPTION 2	LOAD 3	WIRE/CONDUIT 4	STARTER 5	VOLTAGE 6	LOCAL DISCONNECT 7	REMARKS
RTU -	ROOFTOP UNIT (100C, 100D)	22 MCA 25 MOCP	(3) #10 AWG (1) #10 AWG EQ. GND. 3/4" C.	☐ INTEGRAL TO EQUIPMENT ☐ IN MCC NEMA SIZE ☐ TYPE	480V 3P	☐ FUSED A FUSE ☒ NON-FUSED A SWITCH ☐ THERMAL SWITCH, 120V,1P	EC TO PROVIDE NEMA 3R DISCONNECT SWITCH.

SCHEDULE KEY NOTES

1. VERIFY FINAL LOCATION OF ALL EQUIPMENT WITH EQUIPMENT INSTALLER BEFORE INSTALLING FEEDERS.
2. SEE ARCHITECTURAL, MECHANICAL, PLUMBING AND FIRE PROTECTION DRAWINGS FOR MORE INFORMATION.
3. SIZE STARTER/FEEDER DISCONNECT PER FINAL EQUIPMENT REQUIREMENTS.
4. PROVIDE FEEDERS AS INDICATED, VERIFY WITH EQUIPMENT REQUIREMENTS.
5. COORDINATE FINAL STARTER WIRING REQUIREMENTS WITH MECHANICAL EQUIPMENT. PROVIDE ADDITIONAL WIRING AS REQUIRED FOR INSTALLATION STARTER(S) FOR MECHANICAL EQUIPMENT. PROVIDE OVERLOAD PROTECTION (FUSES OR MOTOR CIRCUIT PROTECTOR) PER SPECIFICATIONS. ACTUAL FIELD
6. VERIFY FINAL VOLTAGE AND PHASE REQUIREMENTS OF ALL EQUIPMENT WITH INSTALLER BEFORE INSTALLING FEEDERS.
7. EC TO PROVIDE LOCAL DISCONNECT WITHIN 5'-0" OF EQUIPMENT. NON-STANDARD ITEMS, TIMERS, METERS, INTERLOCKS, ETC.

SCHEDULE GENERAL NOTES

1. PROVIDE POWER CONNECTIONS TO ALL ARCHITECTURAL, MECHANICAL, PLUMBING, FIRE PROTECTION AND OWNER FURNISHED EQUIPMENT. REFER TO ARCHITECTURAL, MECHANICAL, PLUMBING, AND FIRE PROTECTION DRAWINGS FOR LOCATIONS AND POWER REQUIREMENTS. VERIFY ALL TECHNICAL DATA WITH FINAL SHOP DRAWINGS.
2. OVER CURRENT PROTECTION SIZES LISTED ARE FROM MANUFACTURER'S AND STANDARD MOTOR DATA. FURNISH FUSES BASED ON FUSE MANUFACTURER'S STANDARDS, ACTUAL FIELD MEASURED FULL LOAD CURRENT, AND EQUIPMENT MANUFACTURER'S REQUIREMENTS.
3. FLEXIBLE CONNECTIONS TO MOTORS SHALL BE IN FLEXIBLE CONDUIT. PROVIDE COPPER EQUIPMENT GROUND FROM DISCONNECT TO MOTOR CONNECTION.
4. EC TO COORDINATE WITH THE MECHANICAL EQUIPMENT SCHEDULES TO PROVIDE DISCONNECTS FOR THE MECHANICAL EQUIPMENT.

Kitchen Equipment Schedule

Mark	Quantity	Description	Voltage/Phase	Connection Type	Plug Type	Remarks
K1	4	REACH-IN REFRIGERATOR	120V-1PH	CORD & PLUG	NEMA 5-15P	PROVIDE DEDICATED DUPLEX RECEPTACLE AS SHOWN ON DRAWING.
K2	4	REACH-IN HOT HOLDING CABINET	120V-1PH	CORD & PLUG	NEMA 5-20P	PROVIDE DEDICATED DUPLEX RECEPTACLE AS SHOWN ON DRAWING.
K3	1	REFRIGERATOR, ROLL-IN	120V-1PH	CORD & PLUG	NEMA 5-15P	PROVIDE DEDICATED DUPLEX RECEPTACLE AS SHOWN ON DRAWING.
K3C	1	HEATED, ROLL-IN	208V-1PH	DIRECT		
K4	2	CONVEYOR OVEN	208V-1PH	CORD & PLUG	NEMA 15-50P	PROVIDE DEDICATED SPECIAL RECEPTACLE AS SHOWN ON DRAWING.
K7	2	REFRIGERATED SELF-SERVICE CASE	120V-1PH	CORD & PLUG	NEMA 5-20P	PROVIDE DEDICATED DUPLEX RECEPTACLE AS SHOWN ON DRAWING.
K8	2	HEATED SELF-SERVICE CASE	208V-1PH	CORD & PLUG	NEMA 6-20P	PROVIDE DEDICATED SPECIAL RECEPTACLE AS SHOWN ON DRAWING.
S1	1	SERVING COUNTER HOT & COLD	120/208V-1PH	DIRECT		EC TO PROVIDE FEEDER TO LOAD CENTER VIA POWER POLE. LOAD CENTER AND POWER POLE BY OTHERS.
S2	1	SERVING COUNTER HOT & COLD	120/208V-1PH	DIRECT		EC TO PROVIDE FEEDER TO LOAD CENTER VIA POWER POLE. LOAD CENTER AND POWER POLE BY OTHERS.
S3	1	SERVING COUNTER HOT & COLD	120/208V-1PH	DIRECT		EC TO PROVIDE FEEDER TO LOAD CENTER VIA POWER POLE. LOAD CENTER AND POWER POLE BY OTHERS.
S4	1	SERVING COUNTER HOT & COLD	120/208V-1PH	DIRECT		EC TO PROVIDE FEEDER TO LOAD CENTER VIA POWER POLE. LOAD CENTER AND POWER POLE BY OTHERS.
S6	2	SERVING COUNTER UTILITY	120/208V-1PH	DIRECT		EC TO PROVIDE FEEDER TO LOAD CENTER VIA POWER POLE. LOAD CENTER AND POWER POLE BY OTHERS.
S8	1	SERVING COUNTER UTILITY	120/208V-1PH	DIRECT		EC TO PROVIDE FEEDER TO LOAD CENTER VIA POWER POLE. LOAD CENTER AND POWER POLE BY OTHERS.
S10	1	SERVING COUNTER COLD	120V-1PH	CORD & PLUG	NEMA 5-20P	PROVIDE DEDICATED DUPLEX RECEPTACLE AS SHOWN ON DRAWING.
S11	1	SERVING COUNTER HOT & COLD	120/208V-1PH	DIRECT		EC TO PROVIDE FEEDER TO LOAD CENTER VIA POWER POLE. LOAD CENTER AND POWER POLE BY OTHERS.
S14	1	SERVING COUNTER HOT & COLD	120/208V-1PH	DIRECT		EC TO PROVIDE FEEDER TO LOAD CENTER VIA POWER POLE. LOAD CENTER AND POWER POLE BY OTHERS.

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	FIXTURE TYPE	LIGHT SOURCE K	LIGHT SOURCE CRI	INPUT WATTS	VOLTS	SPECIFIED FIXTURE MANUFACTURER	SPECIFIED FIXTURE MODEL NO.
AE	2x2 FLAT PANEL WITH BATTERY BACKUP	LED	3500	80	31.0	120	METALUX HE WILLIAMS RAB	2FPX 32 E10W L835 LP 22 EZPANFA
BE	4 FT WET LOCATION SURFACE MOUNTED LINEAR WITH BATTERY BACKUP	LED	3500	80	30.0	120	METALUX HE WILLIAMS ALCON	4VT2 LD5 4 DR UNV EL10W L835 CD1 WL 96LED 11172
P2	8" DIA PENDANT LIGHT. VERIFY FINAL MOUNTING HEIGHT WITH KITCHEN EQUIPMENT SUPPLIER.	LED	3500	80	9.0	120	SHADES OF LIGHT	PE19014 GL
P3	12" DIA PENDANT LIGHT. VERIFY FINAL MOUNTING HEIGHT WITH KITCHEN EQUIPMENT SUPPLIER.	LED	3500	80	16.0	120	BARNLIGHT	WYDM12 975 ASH SBK 200 LED16 3500K FL

LEGAT ARCHITECTS
Design with a Difference

MOLINE-COAL VALLEY SCHOOL DISTRICT

2026 FACILITY IMPROVEMENTS

BUTTERWORTH ELEMENTARY SCHOOL
LOGAN ELEMENTARY SCHOOL
WASHINGTON ELEMENTARY SCHOOL
MOLINE HIGH SCHOOL

ARCHITECT
Legat Architects, Inc.
1515 5th Ave, Suite 108
Moline, IL 61265
P: 309.517.5536
www.legat.com

MEP/FP ENGINEER
RTM Engineering Consultants
5137 Utica Ridge Rd.
Davenport, IA 52807
P: 563.726.6310
www.rtmec.com

SIGNATURE

DATE

REVISIONS

NO.	DESCRIPTION	DATE

PROJECT NUMBER 225057.00
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DRAWN BY JV
REVIEWED BY JV

ELECTRICAL SCHEDULES

E-600
BIDDING