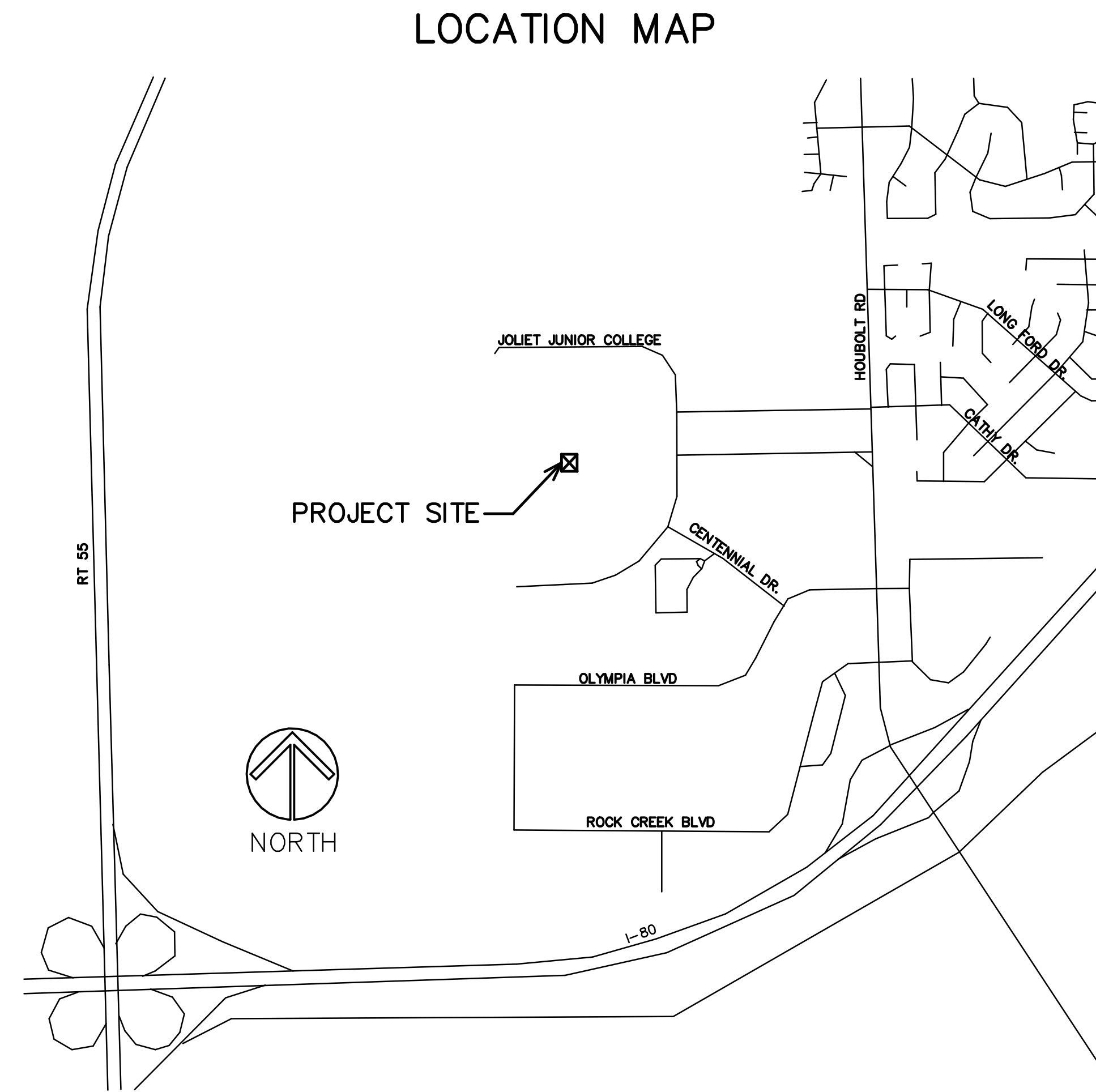
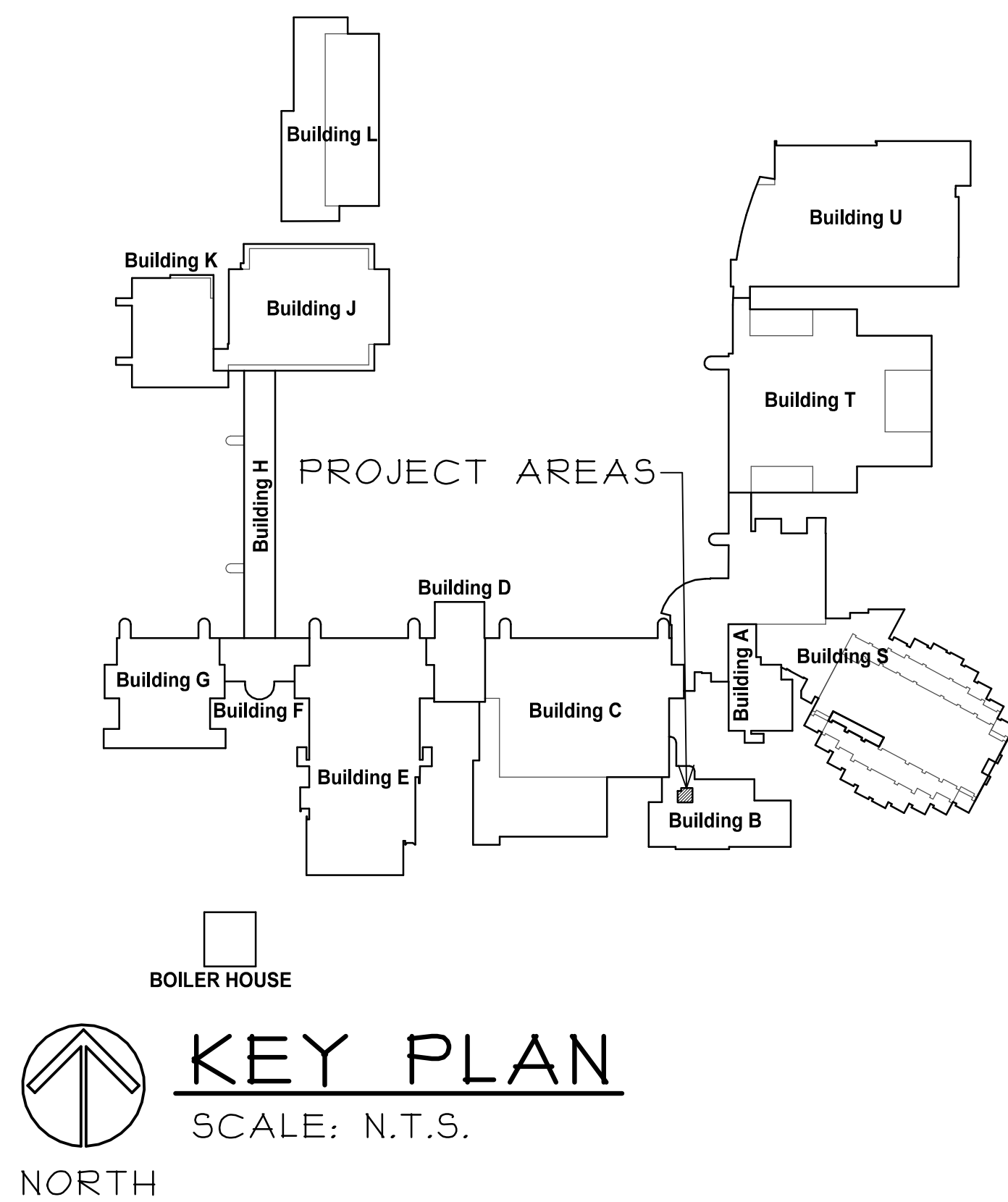


\\192.168.137\CURRENT PROJECTS\JJC - MECH MAINTENANCE LAB REMODEL\DRAWINGS\ARCH\211L 02 T1AEC



- INDEX OF SHEETS
- T1 PROJECT TITLE, LOCATION, INDEX OF SHEETS
 - D1 PARTIAL FIRST LEVEL DEMO FLOOR PLAN
PARTIAL FIRST LEVEL FLOOR DEMO CEILING PLAN
 - A1 PARTIAL FIRST LEVEL FLOOR PLAN
PARTIAL FIRST LEVEL FLOOR CEILING PLAN

NOTE:
GENERAL CONTRACTOR TO PROVIDE A \$5,000 ALLOWANCE IN HIS/HER BID FOR UNFORESEEN/MISCELLANEOUS CONDITIONS. WHEN FIGURING THIS ALLOWANCE IN THE BID, THE CONTRACTOR IS TO INCLUDE ALL NECESSARY OVERHEAD AND PROFIT TO CARRY THIS DOLLAR VOLUME. THIS ALLOWANCE IS NOT FOR THE CONTRACTOR'S BENEFIT, AND IS ONLY AUTHORIZED TO CHARGE AGAINST THIS ALLOWANCE WHEN DIRECTED AND APPROVED BY JOLIET JUNIOR COLLEGE. THE CONTRACTOR WILL BE ALLOWED TO INVOICE FOR DIRECT MATERIAL AND RAW LABOR COSTS ONLY.

IMT LAB RENOVATION

JOLIET JUNIOR COLLEGE BUILDING B 1215 HOUBOLT ROAD JOLIET, ILLINOIS

STROMSLAND + DE YOUNG + PRYBYS
ARCHITECTURE GROUP

20620 BURL COURT
JOLIET, IL 60433
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815-727-1311
L.N.: 184-000437

NUMBER

SET

IMT LAB RENOVATION
JOLIET JUNIOR COLLEGE- BUILDING B
1215 HOUBOLT ROAD
JOLIET, ILLINOIS

DATE:
1/25/2022
REVISED:

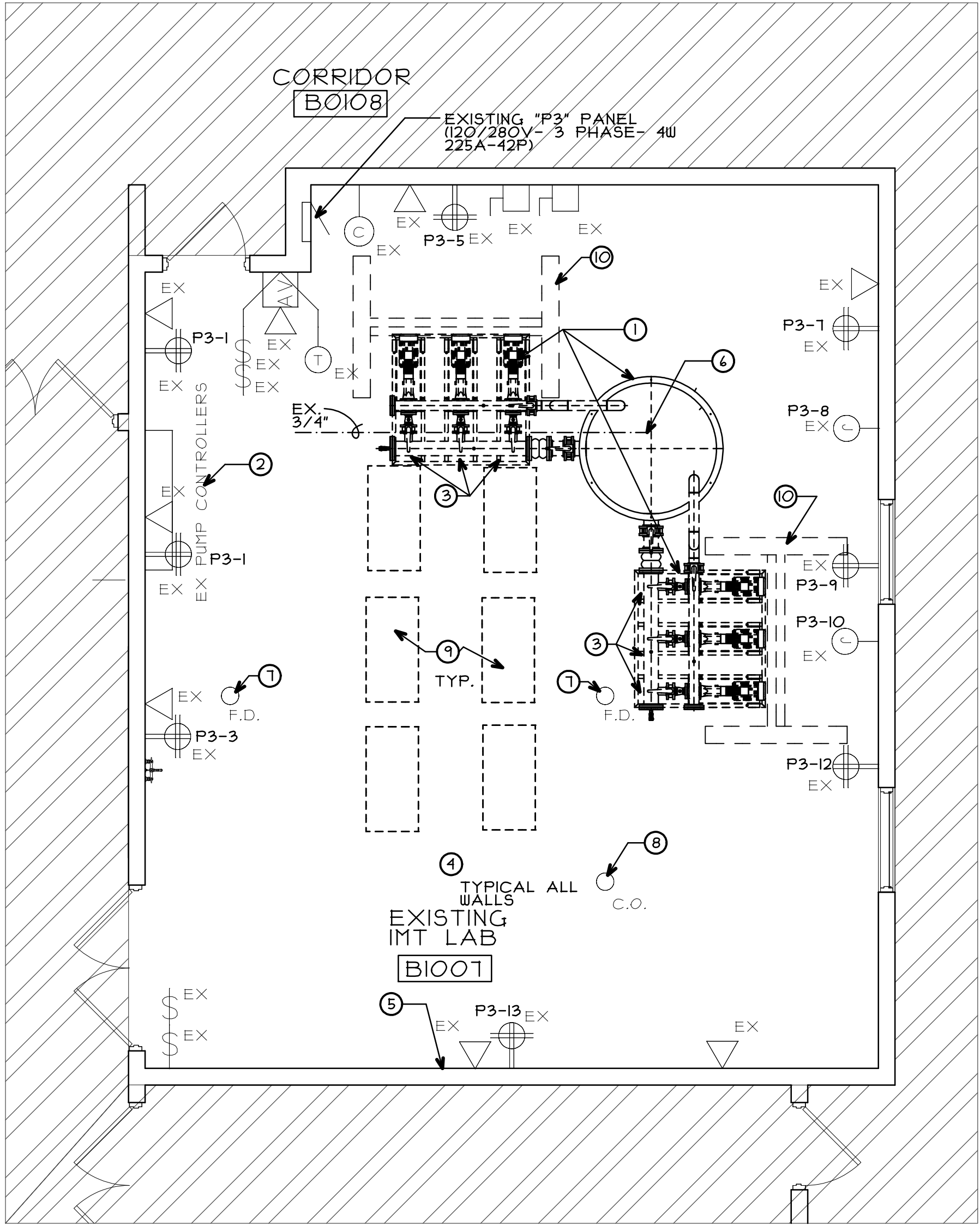
PROJECT NO.
2111-02

SHEET NUMBER

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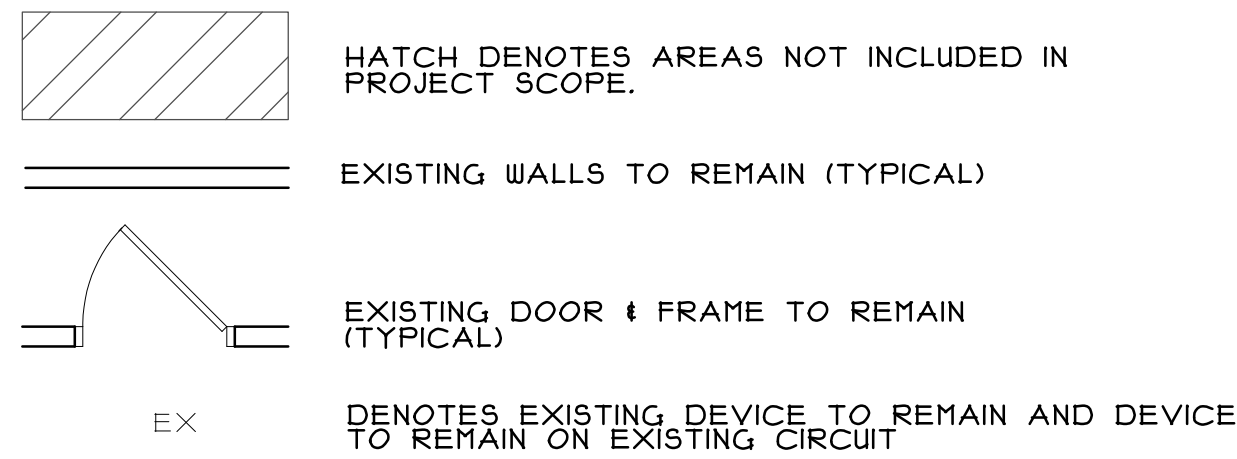
OF 1 SHEETS

\\1921681137\CURRENT PROJECTS\JJC - MECH MAINTENANCE LAB REMODEL\DRAWINGS\ARCH\211L02 DIAEC



**PARTIAL FIRST FLOOR
DEMOLITION FLOOR PLAN**
SCALE: 1/4" = 1'-0"

DEMOLITION PLAN LEGEND

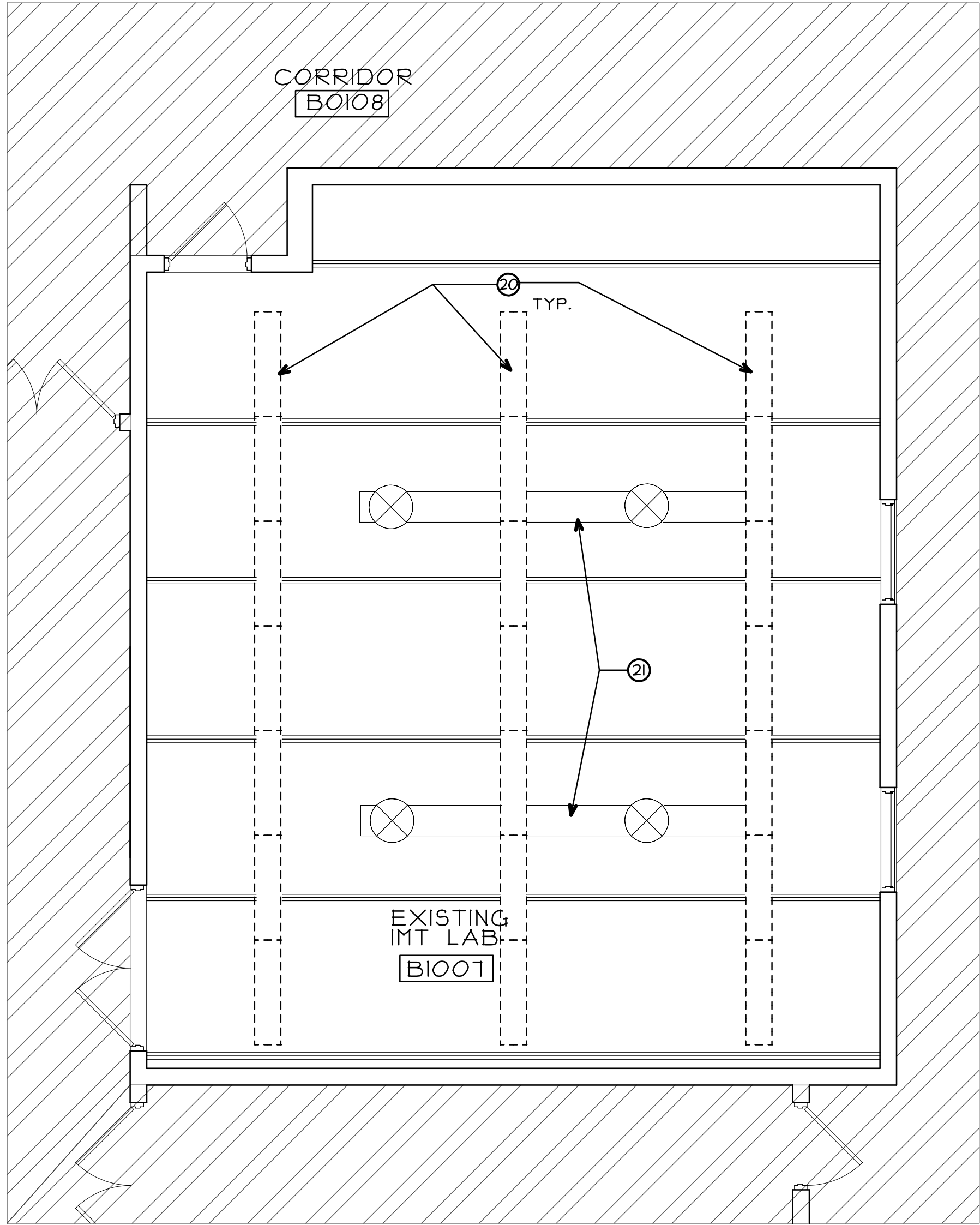


DEMOLITION PLAN KEY NOTES

- EXISTING VARIABLE SPEED PUMP SKIDS AND TANK TO BE REMOVED. EXISTING PUMP SKIDS TO BE SALVAGED AND RELOCATED TO NEW LOCATION. SEE NEW FLOOR PLAN (V.I.F.) COORDINATE RELOCATION WITH NEW FLOOR FINISH.
- EXISTING (4) VFD'S AND WIRING FOR VARIABLE SPEED PUMP SKIDS TO BE PROPERLY DISCONNECTED FOR PUMP RELOCATION AND THEN RECONNECTED. (V.I.F.)
- EXISTING WIRING AND CONDUIT DROPS FOR VARIABLE SPEED PUMP SKIDS TO BE REMOVED AND EXTENDED TO NEW LOCATION. SEE FLOOR PLAN. (V.I.F.)
- EXISTING WALL BASE TO BE COMPLETELY REMOVED. (V.I.F.)
- EXISTING WHITE BOARD TO REMAIN. PROVIDE PROTECTION DURING CONSTRUCTION (V.I.F.)
- EXISTING 3/4" FILL LINE AND VALVE TO BE MODIFIED AND EXTENDED TO NEW TANK LOCATION. (V.I.F.) SEE NEW FLOOR PLAN
- EXISTING FLOOR DRAIN TO REMAIN. (V.I.F.) EXISTING FLOOR FINISH TO BE GROUND OUT SO NEW FLOOR FINISH WITH BE FLUSH WITH TOP OF EXISTING DRAIN
- EXISTING FLOOR CLEAN OUT TO REMAIN. (V.I.F.) EXISTING FLOOR FINISH TO BE GROUND OUT SO NEW FLOOR FINISH WITH BE FLUSH WITH TOP OF EXISTING CLEAN OUT COVER
- EXISTING METAL STUDENT TABLES TO BE REMOVED. EXISTING SHELF TO BE REMOVED. SALVAGE TABLE FOR REUSE. (V.I.F.)
- EXISTING ROLLING CRANE TO BE REMOVED AND SALVAGED FOR REUSE. (COORDINATE WITH OWNER FOR STORAGE LOCATION. (V.I.F.)

DEMOLITION PLAN GENERAL NOTES

- ALL SALVAGED ITEMS NOT REUSED SHALL BE PLACED IN STORAGE, ON SITE, AT A LOCATION DESIGNATED BY THE OWNER.
- ALL ITEMS REMOVED AND NOT SALVAGED SHALL BE PROPERLY DISPOSED OF OFF SITE BY THE CONTRACTOR.
- PATCH & REPAIR HOLES AND/OR DAMAGED SURFACES CAUSED TO ADJACENT CONSTRUCTION DURING DEMOLITION.
- VERIFY ANY ADDITIONAL DEMOLITION WORK REQUIRED FOR INSTALLATION OF DEVICES/EQUIPMENT.
- EXISTING FURNITURE AND MOVABLE EQUIPMENT TO BE REMOVED BY OWNERS STAFF. ANYTHING THAT REMAINS CONTRACTOR TO COORDINATE WITH OWNER FOR STORAGE LOCATION. (V.I.F.)
- DEVICES INDICATED WITH AN "EX" ARE TO BE EXISTING TO REMAIN. (V.I.F.)
- EXISTING ROOM FLOOR FINISH IN PROJECT AREA IS SEALED CONCRETE. EXISTING FLOOR FINISH TO BE REMOVED AND PROPERLY PREPPED FOR NEW FLOOR FINISH. (TYPICAL)
- TRACE AND VERIFY ALL SHOWN RECEPTACLE CIRCUITS AND LABEL CIRCUITS ON ALL EXISTING DEVICE COVER PLATES TO REMAIN. (COORDINATE WITH FACILITY STANDARD FOR DEVICE DESIGNATIONS) REVISE PANEL DIRECTORY TO MATCH.



**PARTIAL FIRST FLOOR
DEMOLITION CEILING PLAN**
SCALE: 1/4" = 1'-0"

DEMOLITION CEILING PLAN KEY NOTES

- EXISTING LIGHT FIXTURES TO BE REMOVED. EXISTING WIRING TO REMAIN FOR REUSE. (V.I.F.)
- EXISTING HVAC DUCTS AND DIFFUSERS TO REMAIN. (V.I.F.)

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D1

OF 1 SHEETS

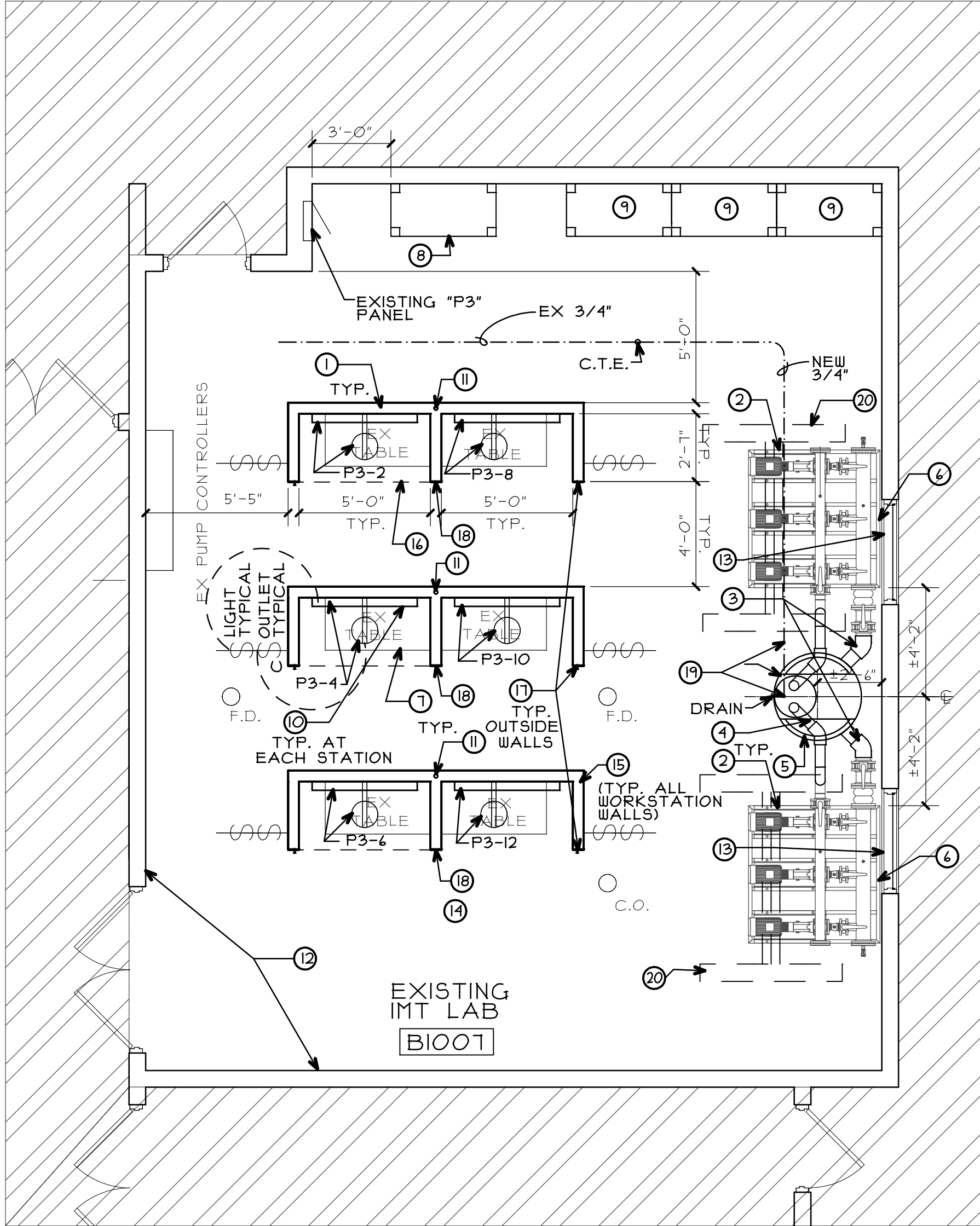
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FLOOR PLAN KEY NOTES

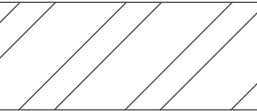
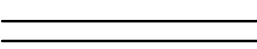
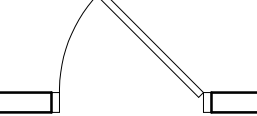
- 1 PROVIDE NEW SEVEN FOOT HIGH FIRE RETARDANT PLYWOOD AND METAL STUD WALLS. (ONE LAYER 5/8" FIRE RETARDANT PRESSURE TREATED PLYWOOD ON EACH SIDE OF 3 5/8" METAL STUDS AT 16" O.C. TYPICAL) PLYWOOD EDGES AT OUTSIDE CORNERS TO BE MITERED. WALLS TO BE PAINTED (COLOR AND FINISH TO MATCH TYPICAL ROOM WALLS- PNT-1)
- 2 RE-INSTALL EXISTING VARIABLE SPEED PUMP SKIDS IN NEW ORIENTATION. THEY SHOULD BE SET TIGHT TO WALL AND DISTANCE APART TO BE COORDINATED IN FIELD TO INSTALL COMPLIANT. MODIFIED PIPING TO NEW TANK. EXISTING TEMPERATURE AND PRESSURE INDICATION DEVICES TO BE ADJUSTED TO BE VISIBLE FROM ROOM SIDE. (V.I.F.) SKIDS TO BE ANCHORED TO FLOOR WITH EXISTING METAL CLIP AND NEW TAPCON ANCHORS INTO EXISTING FLOOR SLAB.
- 3 PROVIDE NEW 45 DEGREE ANGLE PIPE AND FLANGE TO CONNECT TO NEW TANK AND EXISTING VARIABLE SPEED PUMP PIPING. COORDINATE SIZE WITH EXISTING PIPING. (V.I.F.)
- 4 EXISTING RETURN PIPE TO BE MODIFIED. AS REQUIRED TO NEW TANK OPENING. (V.I.F.) ADDITIONAL PIPING REQUIRED TO MATCH EXISTING.
- 5 PROVIDE NEW 3/4" DIAMETER X 12" HIGH POLYETHYLENE TANK (WITH 5" ACCESS) THREADED HANWAY COVER TO NOT BE INSTALLED. TANK TO BE COMPLETE WITH BULK HEAD, FITTINGS, FLANGED FITTINGS, FLEXIBLE CONNECTION AND 2" DRAIN BULK VALVE. TANK TO BE WHITE/SEMI TRANSPARENT TO PERMIT VISUAL INDICATION OF TANK LEVEL. (MODEL 1013000N BY SYNDER INDUSTRIES OR APPROVED EQUAL)
- 6 EXISTING CONDUIT AND WIRING FOR EXISTING VARIABLE SPEED PUMPS TO BE EXTENDED TO NEW LOCATION AND RECONNECTED. (V.I.F.)
- 7 RE-INSTALL EXISTING MODIFIED METAL STUDENT TABLES AND MOUNT TO NEW WALL. (V.I.F.)
- 8 NEW 5 FT HIGH SHELF UNIT FURNISHED BY OWNER INSTALLED BY CONTRACTOR
- 9 NEW 8 FT HIGH SHELF UNIT FURNISHED BY OWNER AND INSTALLED BY CONTRACTOR
- 10 PROVIDE NEW 4 FT SURFACE MOUNTED LED LIGHT FIXTURE MOUNTED FLUSH WITH TOP OF NEW WALL. (MODEL #ZILD-L48-SHR-5000LM-FST-MVOLT-40K-80CRI-WH-ZLANGBKT BY LITHONIA)
- 11 NEW POWER FOR WORK STATION OUTLET AND WORK LIGHT TO BE RUN IN NEW CONDUIT FROM TOP OF NEW WALL TO UP AND BACK TO EXISTING PANEL. (V.I.F.)
- 12 ALL EXISTING BLOCK WALLS TO BE PAINTED FROM FLOOR UP TO 8'-0" A.F.F. (PNT-1)

- 13 EXISTING WINDOW FRAMES TO BE PREPPED AND PAINTED. (PNT-2)
- 14 PROVIDE NEW FLUID APPLIED RESINOUS FLOORING WITH INTEGRAL BASE ON ALL EXISTING ROOM WALLS. (UNO, (V.I.F.) COLOR TO BE SELECTED) SEE DETAIL 1 ON A1 FOR INTEGRAL BASE.
- 15 PROVIDE 4" HIGH RUBBER COVE WALL BASE ON NEW WORKSTATION WALLS. (NO INTEGRAL FLOOR BASE)
- 16 PROVIDE MIN. THREE REMOVABLE 1/4" CLEAR ACRYLIC SHEETS 4'-0" H X 5'-6" W. (COORDINATE WITH OWNER FOR EXACT NUMBER TO BE PROVIDED)
- 17 PROVIDE 4 1/2" LONG EXTRUDED ALUMINUM CHANNEL TO HOLD BOTTOM OF REMOVABLE ACRYLIC SHEET SCREENS AND REMOVABLE WING NUTS TO HOLD TOP AT OUTSIDE WALL CHANNEL TO BE MOUNTED TO END FACE OF WALL. SEE DETAIL 2 ON SHEET A1.
- 18 PROVIDE 4 1/2" LONG EXTRUDED ALUMINUM CHANNEL INSTALLED HORIZONTALLY TO HOLD BOTTOM OF REMOVABLE ACRYLIC SHEET AND PROVIDE TWO ALUMINUM CHANNELS BACK TO BACK MOUNTED VERTICALLY FROM TOP OF HORIZONTAL CHANNEL TO TOP OF WALL. SEE DETAIL 2 ON SHEET A1 SIM.
- 19 EXISTING 3/4" WATER FILL LINE TO BE EXTENDED TO NEW TANK LOCATION OPENING. TERMINATE WITH FULL PORT BALL VALVE. VERIFY OUTLET HEIGHT ABOVE TANK WITH NEW TANK AND OWNER PRIOR TO INSTALLATION. (V.I.F.)
- 20 EXISTING ROLLING CRANES TO BE RE-ASSEMBLED AT VARIABLE SPEED PUMPS SKIDS NEW LOCATION. COORDINATE WITH OWNER.

 **PARTIAL FIRST FLOOR
FLOOR PLAN**
SCALE: 1/4" = 1'-0"



FLOOR PLAN LEGEND

-  HATCH DENOTES AREAS NOT INCLUDED IN PROJECT SCOPE.
-  EXISTING WALLS TO REMAIN (TYPICAL)
-  EXISTING DOOR & FRAME TO REMAIN (TYPICAL) PROVIDE PROTECTION DURING CONSTRUCTION.
- EX
 DENOTES EXISTING DEVICE TO REMAIN. NOT SHOWN ON NEW FLOOR PLAN FOR CLARITY. SEE DEMO PLAN
-  DENOTES NEW INDUSTRIAL 20A, GFCI DUPLEX RECEPTACLE OUTLET IN TWO GANG J BOX WITH SINGLE GANG PLASTER RING AND COVER PLATE. MOUNTED 44" A.F.F. (UNO) (DEVICE COLOR WHITE AND BRUSHED STAINLESS STEEL COVER PLATE TO MATCH FACILITY STANDARD) (V.I.F.) COORDINATE WITH OWNER AND E.C.
-  DENOTES NEW SINGLE POLE TOGGLE SWITCH IN TWO GANG J BOX WITH DOUBLE GANG PLASTER RING AND COVER PLATE. MOUNTED 48" A.F.F. (UNO) (DEVICE COLOR WHITE AND BRUSHED STAINLESS STEEL COVER PLATE TO MATCH FACILITY STANDARD). PROVIDE LABEL NOTED AS "LITE" AND CIRCUIT DESIGNATION.
-  DENOTES NEW SINGLE POLE TOGGLE SWITCH IN TWO GANG J BOX WITH DOUBLE GANG PLASTER RING AND COVER PLATE. MOUNTED 48" A.F.F. (UNO) (DEVICE COLOR TO BE DIFFERENT THAN TYPICAL COORDINATE WITH OWNER AND BRUSHED STAINLESS STEEL COVER PLATE TO MATCH FACILITY STANDARD). PROVIDE LABEL NOTED AS RECEPTACLE AND CIRCUIT DESIGNATION.

FLOOR PLAN GENERAL NOTES

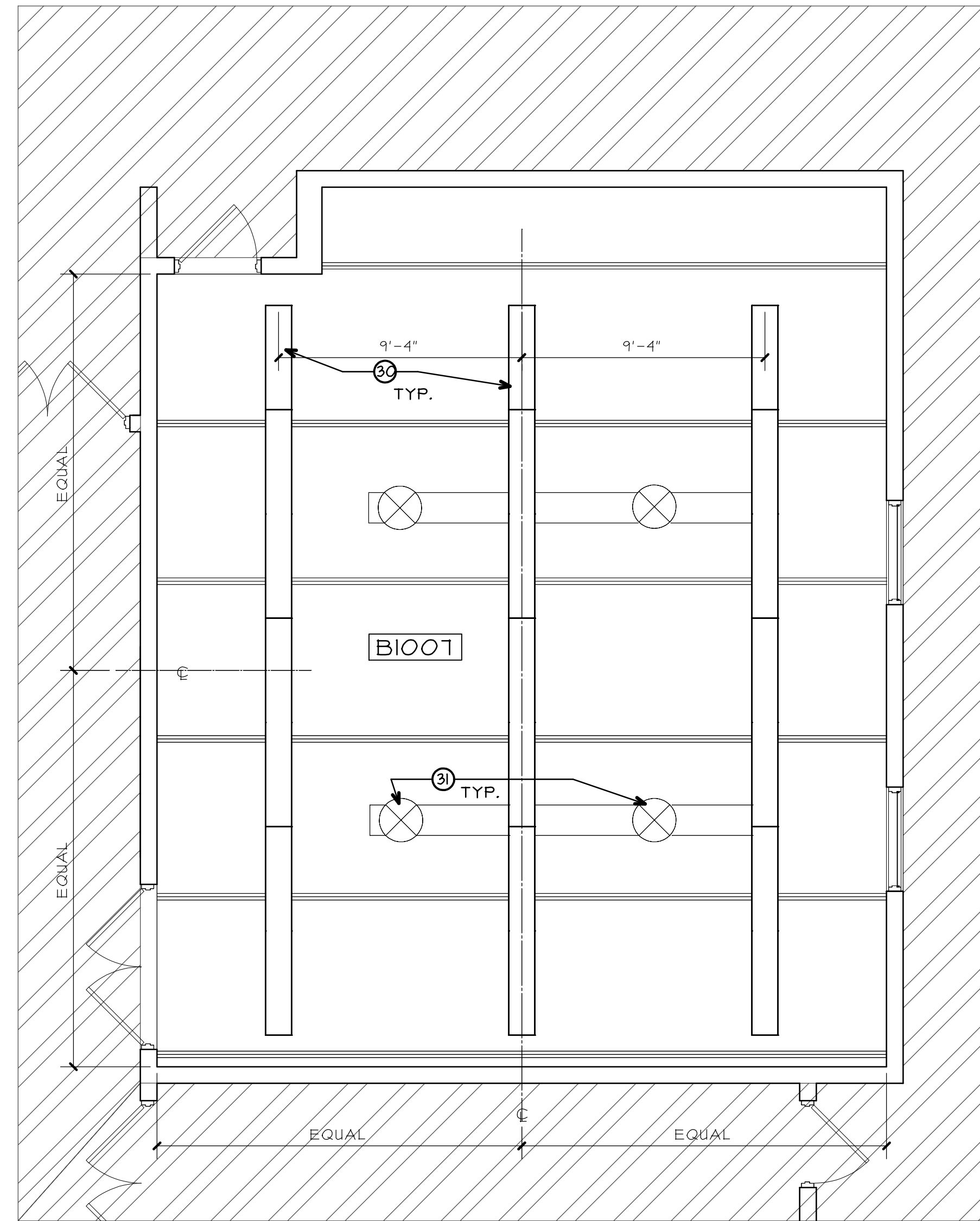
1. VERIFY ALL EXISTING DIMENSIONS IN FIELD AND REPORT ALL DISCREPANCIES PRIOR TO NEW CONSTRUCTION.
2. PATCH & REPAIR ALL EXISTING GYPSUM BOARD SURFACES TO "LIKE NEW" CONDITION PRIOR TO INSTALLING NEW FINISHES
3. NEW M-E-P SERVICES IN EXISTING METAL STUD AND GYPSUM BOARD WALLS. NO EXPOSED WIRING OR THE WALL IS TO BE CHANNEL CUT AND PATCHED WITH "LIKE" MATERIALS. COORDINATE WITH M-E-P TRADES.
4. PROVIDE ALL REQUIRED IN WALL BLOCKING FOR NEW/SALVAGED WALL HUNG EQUIPMENT. COORDINATE WITH OWNER FOR OWNER PROVIDED EQUIPMENT.
5. EXISTING WALL MOUNTED ITEMS NOT REMOVED BY OWNER TO REMAIN. PROVIDE PROTECTION DURING CONSTRUCTION AND PAINT AROUND. (V.I.F.) COORDINATE WITH OWNER.

ELECTRICAL GENERAL NOTES

1. ELECTRICAL CONTRACTOR TO VERIFY EXISTING/NEW CIRCUITS REQUIRED AND UPDATE PANEL DIRECTORY. EXISTING CIRCUITS NOT REUSED SHALL BE LISTED AS SPARE. LABEL CIRCUITS ON ALL NEW DEVICE COVERS. COORDINATE WITH OWNER FOR PROPER DESIGNATIONS TO MEET FACILITY STANDARD.
2. ALL EQUIPMENT AND MATERIALS SHALL BE U.L. LABELED.
3. ALL EQUIPMENT SHALL BE GROUNDED PER JOLIET CODE.
4. ALL EQUIPMENT IS TO BE NEW, FURNISHED, INSTALLED AND WIRED BY E.C. UNLESS NOTED OTHERWISE.
5. ALL WIRING SHALL BE IN CONDUIT OR OTHER CODE APPROVED RACEWAYS. NO EXPOSED WIRING WITH BE APPROVED WITHOUT LOCAL CODE APPROVAL IN WRITING.
6. E.C. SHALL PROVIDE AN UPDATED PANEL DIRECTORY. SHOW LOADS ON EACH CIRCUIT. ROOM NAME, DEVICES AND AREA CONNECTED. SERVICE AMP PROBE LIGHTING CIRCUITS AND SHOW WATTS CONNECTED.
7. INSTALLATION SHALL MEET ALL JOLIET ELECTRICAL CODES AND E.C. IS RESPONSIBLE TO PAY ALL FEES, TAXES AND PERMITS AS REQUIRED.

PLUMBING GENERAL NOTES

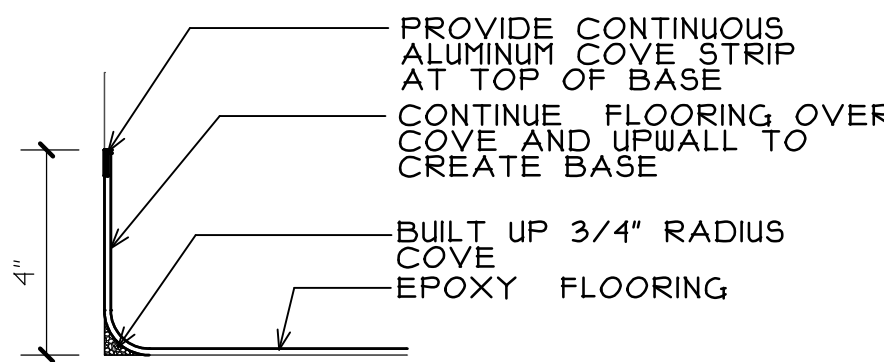
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS OF EXISTING PIPE CONNECTIONS AND COORDINATE WITH NEW TANK SUPPLIER PRIOR TO ORDERING. MINIMUM DIMENSIONS FROM CRITICAL TANK JUNCTIONS TO PROVIDE TANK AND/OR PUMP PACKAGE SHIPS OR PADS TO ALIGN CONNECTIONS AS REQUIRED FOR WORKMANSHIP LIKE INSTALLATION.
2. PIPE MATERIAL FITTINGS AND CONNECTIONS TO MATCH EXISTING VARIABLE SPEED PUMP MANIFOLD. SCHEDULE 80 CPVC PIPE AND FITTINGS MAY BE USED AT THE OWNER DISCRETION. PROVIDE A LEAK-FREE INSTALLATION.
3. PIPING SHALL BE IN FULL COMPLIANCE OF ASME B31.3 PROCESS PIPING CODE.



 **PARTIAL FIRST FLOOR
REFLECTED CEILING PLAN**
SCALE: 1/4" = 1'-0"

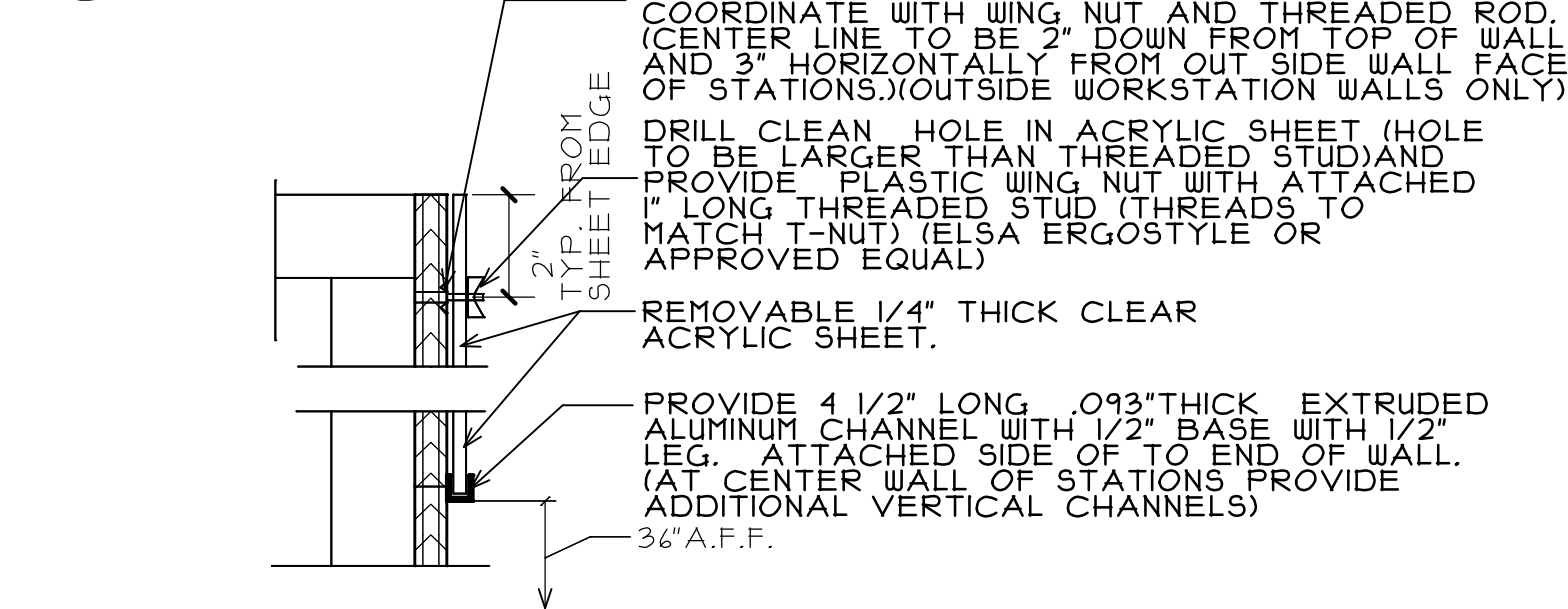
CEILING PLAN KEY NOTES

- 1 PROVIDE NEW SUSPENDED LED LIGHT FIXTURES -MOUNTED AT 8'-0" A.F.F. EACH ROW. PROVIDE (3) ZILD-L48-SHR-14000LM-FST-MVOLT-40K-80CRI-PLRG-WH-ZACVH (MOO AND 1) ZILD-L48-SHR-1000LM-FST-MVOLT-40K-80CRI-PLRG-WH-ZACVH (MOO BY LITHONIA) CONNECT TO EXISTING ROOM SWITCHING. (V.I.F.)
- 2 EXISTING HVAC DUCTS AND REGISTERS TO REMAIN. (V.I.F.)



DETAIL AT INTEGRAL COVE

SCALE: 3" = 1'-0"



DETAIL AT REMOVABLE ACRYLIC SHEET MOUNTS TOP AND BOTTOM

SCALE: 3" = 1'-0"