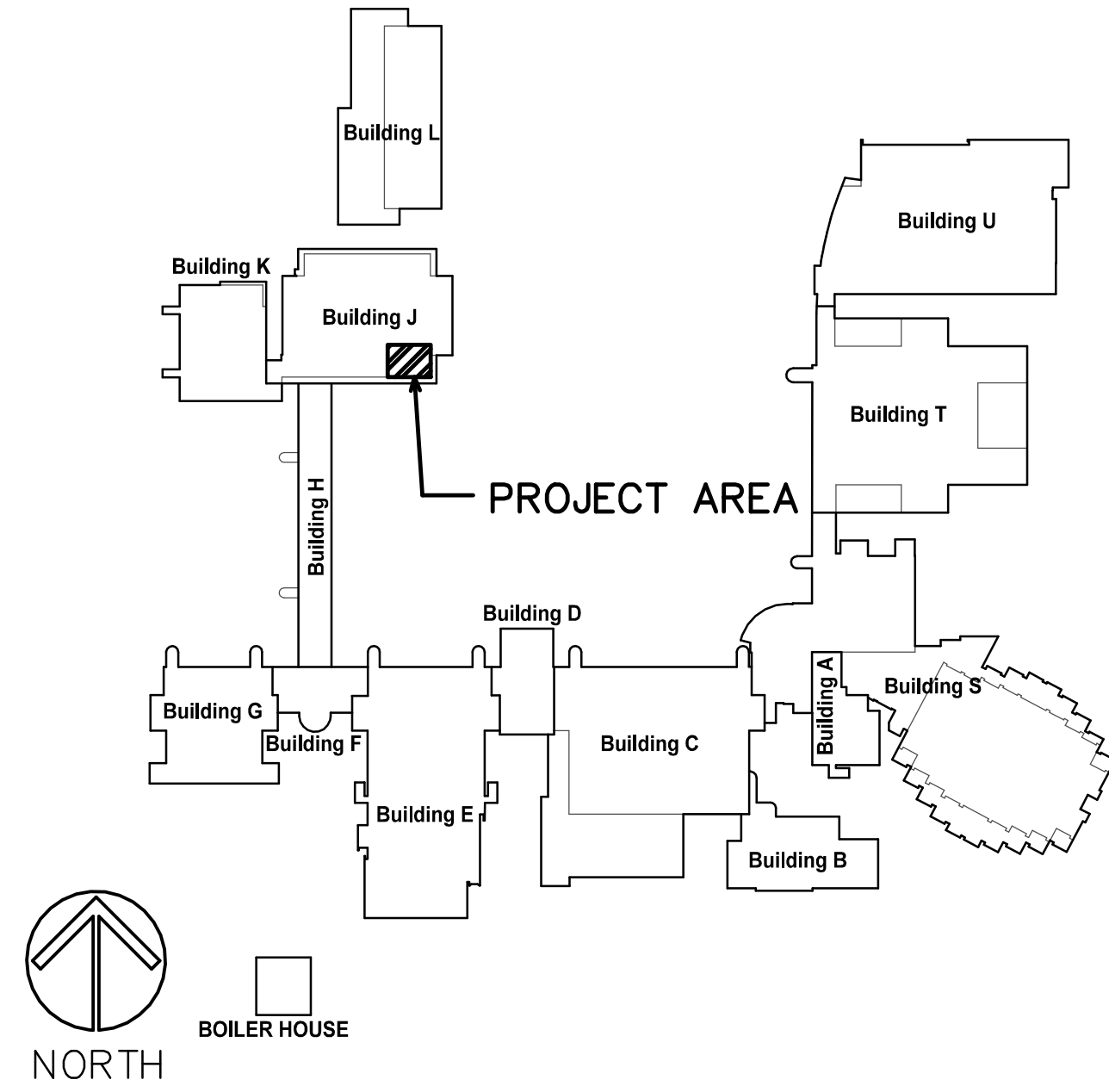
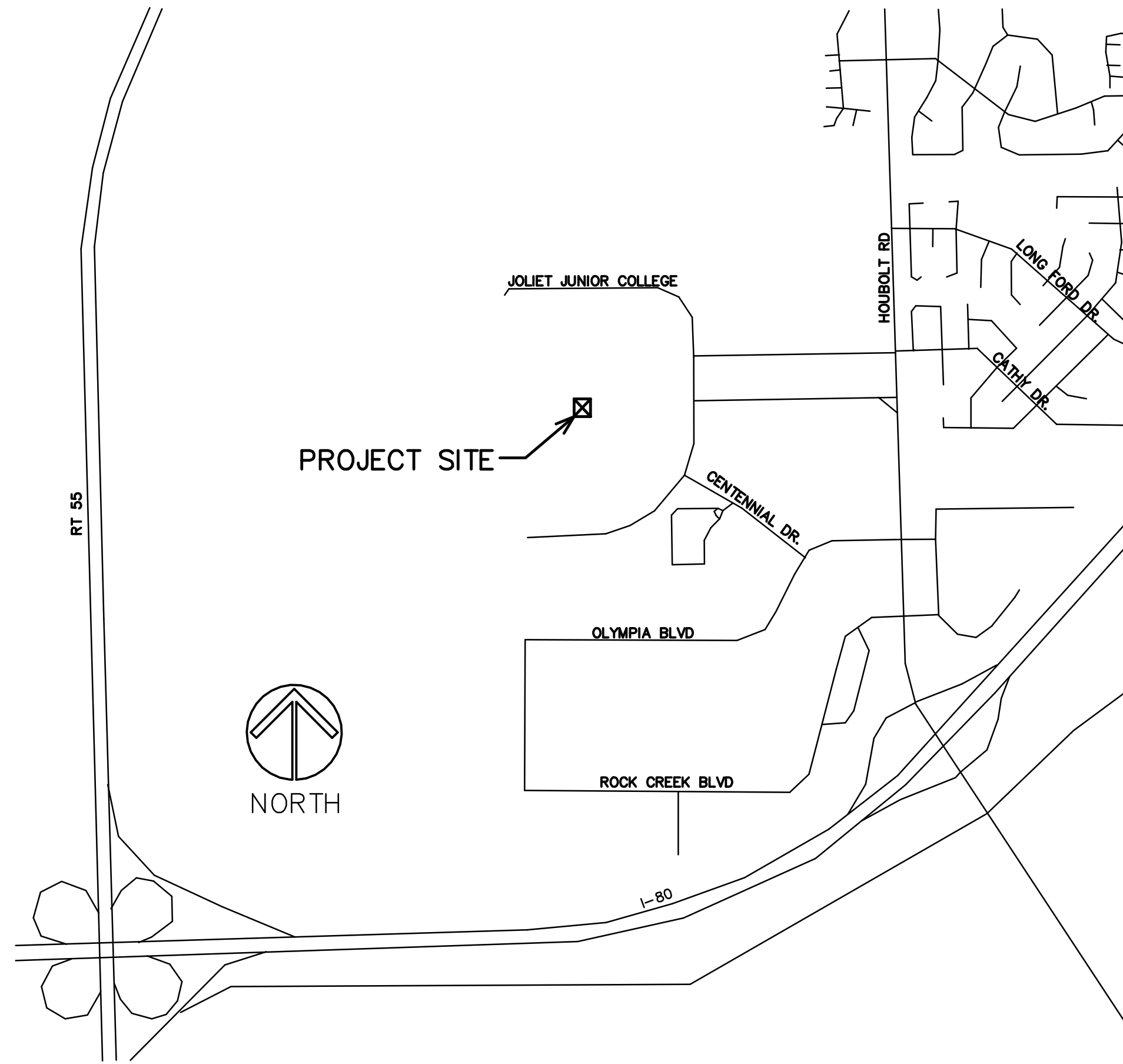


CAMPUS MAP



LOCATION MAP



INDEX OF SHEETS

- T1 PROJECT TITLE, LOCATION, INDEX OF SHEETS
- D1 SECOND LEVEL DEMO PLAN AND NOTES
- D2 SECOND LEVEL DEMO CEILING/ LIGHTING PLAN AND NOTES
- D3 SECOND LEVEL DEMO POWER PLAN AND NOTES
- A1 SECOND LEVEL PLAN AND NOTES
- A2 SECOND LEVEL CEILING PLAN, AND NOTES,
- A3 DOOR AND FRAME SCHEDULE, ROOM FINISH SCHEDULE, AND DETAILS
- A4 DETAILS
- ME1 SECOND LEVEL PLAN - ELECTRICAL POWER
- ME2 SECOND LEVEL PLAN - ELECTRICAL LIGHTING
- ME3 SECOND LEVEL PLAN - MECHANICAL
- ME4 SCHEDULES AND NOTES

# SMART CLASSROOM RENOVATIONS

JOLIET JUNIOR COLLEGE  
 SECOND FLOOR - BUILDING J  
 1215 HOUBOLT ROAD  
 JOLIET, ILLINOIS

STROMSLAND + DE YOUNG + PRYBYS  
 ARCHITECTURE GROUP

20620 BURL COURT  
 JOLIET, IL 60433  
 PHONE: 815-727-1311  
 FAX: 815-727-5210

REGISTRATION

SEAL

stromsland + de young + prybys  
 ARCHITECTURE GROUP  
 20620 Burl Court - 102  
 Joliet, Illinois 60433  
 www.sdpagroup.com  
 P. N. : 184-000437  
 815-727-1311

NUMBER SET

SMART CLASSROOM RENOVATIONS  
 JOLIET JUNIOR COLLEGE  
 SECOND FLOOR - BUILDING J  
 1215 HOUBOLT ROAD  
 JOLIET, ILLINOIS

DATE: 6/24/2015

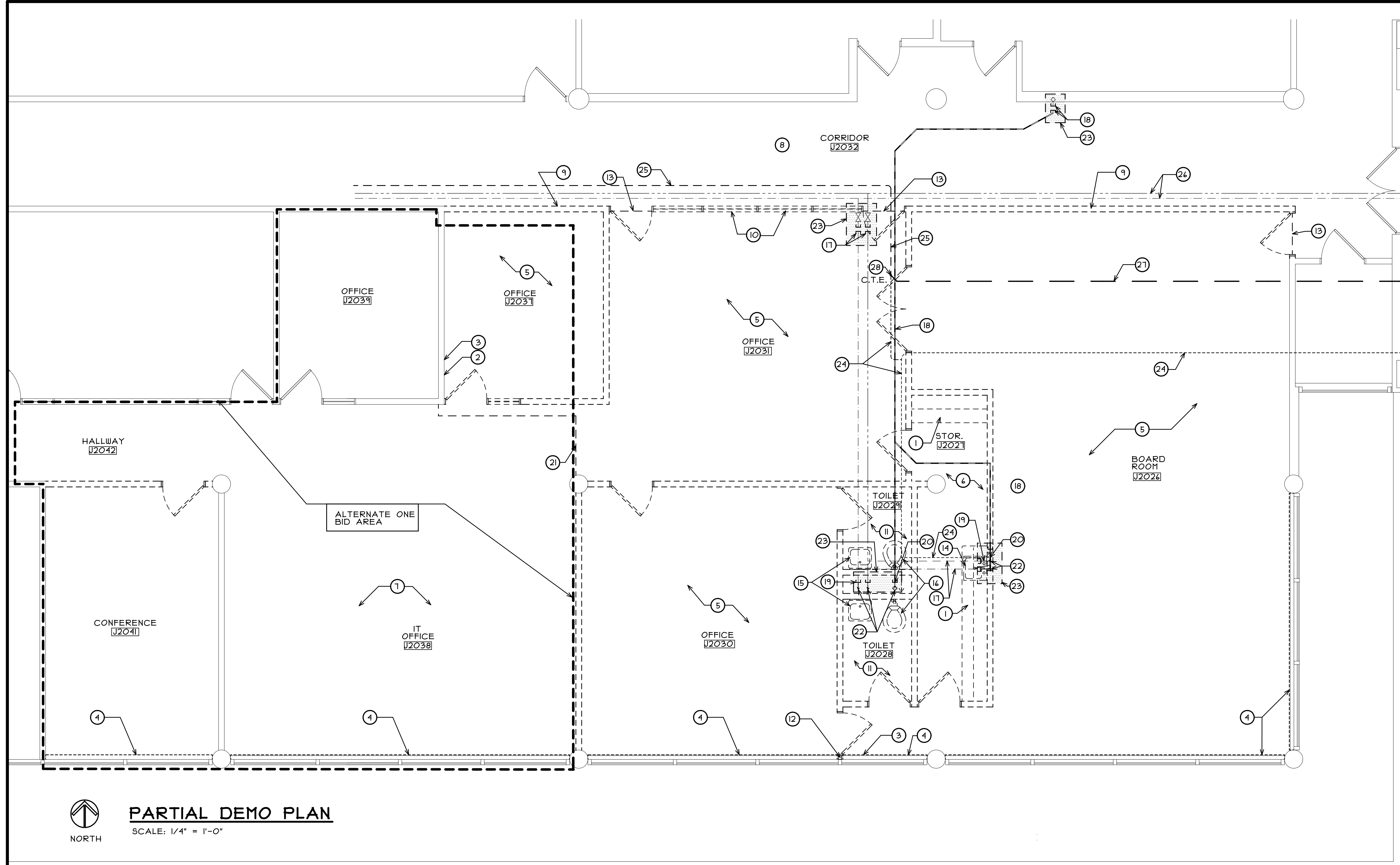
REVISED:

PROJECT NO. 1409-01

SHEET NUMBER

T1

OF 1 SHEETS



**DEMO PLAN LEGEND**

- EXISTING WALLS TO REMAIN (TYPICAL).
- - - EXISTING METAL STUD AND GYPSUM BOARD WALL TO BE REMOVED COMPLETELY, UNLESS NOTED OTHERWISE, VERIFY IN FIELD.
- EXISTING DOOR & FRAME TO REMAIN (TYPICAL).
- - - EXISTING DOOR & FRAME TO BE REMOVED COMPLETELY, UNLESS NOTED OTHERWISE, SALVAGE ALL DOOR HARDWARE FOR REUSE/OWNER'S ATTIC STOCK, VERIFY IN FIELD.

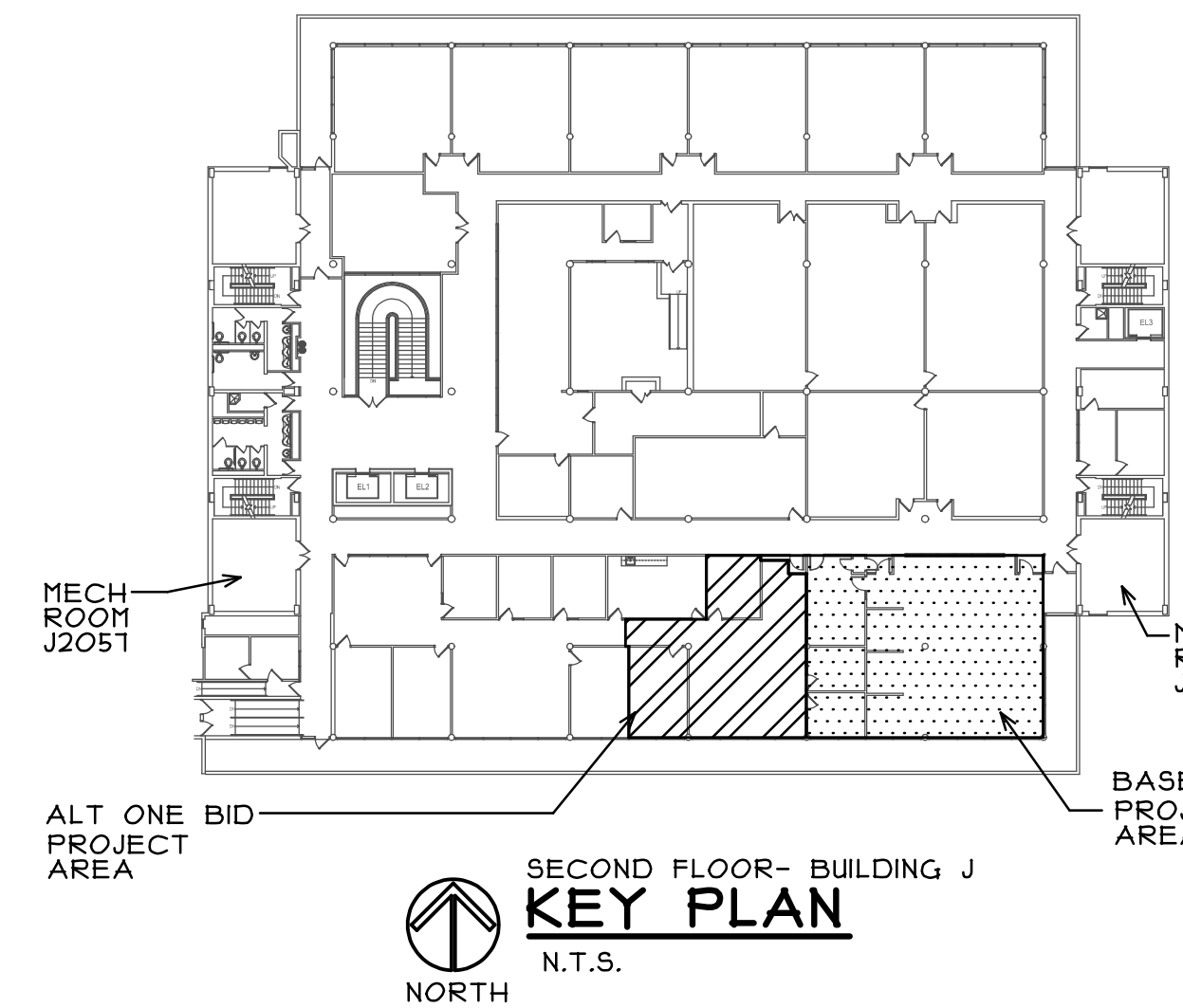
**DEMO PLAN GENERAL NOTES**

- A. ALL SALVAGED ITEMS NOT REUSED SHALL BE PLACED IN STORAGE, ON SITE, AT A LOCATION DESIGNATED BY THE OWNER.
- B. ALL ITEMS REMOVED AND NOT SALVAGED SHALL BE PROPERLY DISPOSED OF OFF SITE BY THE CONTRACTOR.
- C. PATCH & REPAIR HOLES AND/OR DAMAGED SURFACES CAUSED TO EXISTING ADJACENT CONSTRUCTION DURING DEMOLITION.
- D. VERIFY ANY ADDITIONAL DEMOLITION WORK REQUIRED FOR INSTALLATION OF DEVICES/EQUIPMENT SHOWN ON THE MECHANICAL AND ELECTRICAL PLANS.
- E. VERIFY IN FIELD EXTENT OF EXISTING EQUIPMENT THAT HAS BEEN REMOVED PRIOR TO CONSTRUCTION.
- F. REMOVE PORTIONS OF EXISTING GYPSUM BOARD AS REQUIRED TO INSTALL NEW ELECTRIC FEEDS, CABINET BLOCKING, ETC. COORDINATE WITH INSTALLING CONTRACTORS TO VERIFY EXACT LOCATIONS AND SIZES OF ALL REQUIRED CUTOUTS.
- G. ALL ARCHITECTURAL SPECIALTY ITEMS ARE TO BE REMOVED FROM WALLS TO BE REMOVED. COORDINATE WITH OWNER FOR ITEMS TO BE SALVAGED.
- H. REMOVE AND REPLACE PORTIONS OF EXISTING GYPSUM BOARD CEILING AND APPLIED ACOUSTICAL PANELS (NEW PANELS TO MATCH EXISTING) IN CEILING BELOW PROJECT AREA AS NECESSARY FOR REMOVAL AND INSTALLATION OF NEW AND EXISTING ELECTRICAL POKE THRU'S, ELECTRICAL FEEDS AND PLUMBING WORK. CONTRACTOR TO VERIFY IN FIELD THE EXTENT OF CEILING WORK AND SHOULD BE KEPT TO A MINIMUM TO COMPLETE THE WORK. (NEW GYPSUM BOARD TO BE PAINTED TO MATCH EXISTING)

**PARTIAL DEMO PLAN**  
SCALE: 1/4" = 1'-0"  
NORTH

**DEMO PLAN KEY NOTES**

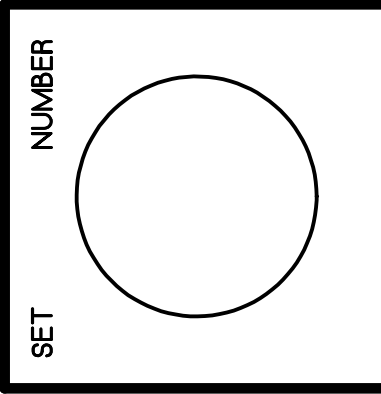
- |  |   |   |
|--|---|---|
| <ul style="list-style-type: none"> <li>① EXISTING COUNTERTOP, BASE CABINETS AND WALL CABINETS TO BE REMOVED.</li> <li>② EXISTING COAT HOOK TO BE REMOVED AND PATCH WALL. (V.I.F.)</li> <li>③ REMOVE EXISTING WALL STOP AND PATCH WALL. (V.I.F.)</li> <li>④ EXISTING VERTICAL BLINDS TO BE REMOVED.</li> <li>⑤ REMOVE EXISTING CARPET AND VINYL WALL BASE IN ROOM. CLEAN AND PREP FLOOR FOR NEW FLOOR FINISH. (V.I.F.)</li> <li>⑥ REMOVE EXISTING VCT FLOORING AND VINYL WALL BASE. CLEAN AND PREP FLOOR FOR NEW FLOOR FINISH. (V.I.F.)</li> <li>⑦ EXISTING CARPET AND WALL BASE TO REMAIN. PROVIDE PROTECTION THROUGH OUT CONSTRUCTION OPERATION.</li> <li>⑧ EXISTING VCT FLOORING AND VINYL WALL BASE TO BE REMAIN (U.N.O.) PROVIDE PROTECTION THROUGH OUT CONSTRUCTION OPERATIONS. (V.I.F.)</li> <li>⑨ EXISTING VINYL WALL BASE TO BE REMOVED FROM WALL BEING REMOVED. (V.I.F.)</li> <li>⑩ EXISTING BORROWED LIGHT AND FRAME TO BE REMOVED ENTIRELY. (V.I.F.)</li> <li>⑪ EXISTING CERAMIC TILE FLOORING, TRANSITION STRIP AND SETTING BED TO BE REMOVED DOWN TO EXISTING CONCRETE FLOOR SLAB AND BE READY FOR NEW CONSTRUCTION. (V.I.F.)</li> <li>⑫ EXISTING WALL CLOSURE TO WINDOW FRAME TO BE REMOVED. (V.I.F.)</li> <li>⑬ EXISTING TRANSITION STRIP TO BE REMOVED (V.I.F.)</li> <li>⑭ EXISTING DROP-IN SINK AND FAUCET TO BE REMOVED ENTIRELY.</li> </ul> | <ul style="list-style-type: none"> <li>⑮ EXISTING LAVATORY TO BE REMOVED ENTIRELY.</li> <li>⑯ EXISTING TOILET TO BE REMOVED ENTIRELY.</li> <li>⑰ EXISTING WATER SUPPLY PIPING TO BE DISCONNECTED AT EXISTING VALVES. BRANCH LINES SHOULD BE PROPERLY CAPPED AT VALVES AND WATER LINES SHALL BE ABANDONED IN CEILING SPACE AND BE PROPERLY CAPPED AT EACH END. (V.I.F.)</li> <li>⑱ EXISTING SANITARY PIPING TO BE DISCONNECTED AT MAIN IN CEILING SPACE BELOW. MAIN SANITARY AND BRANCH PIPE SHOULD BE PROPERLY CAPPED. EXISTING SANITARY PIPING BRANCH SHALL BE ABANDONED IN CEILING SPACE AND BE PROPERLY CAPPED AT EACH END. (V.I.F.)</li> <li>⑲ EXISTING WATER SUPPLY PIPING TO BE REMOVED FROM PLUMBING FIXTURE DOWN THROUGH FLOOR AND PROPERLY CAPPED IN CEILING SPACE BELOW. (V.I.F.)</li> <li>⑳ EXISTING SANITARY PIPING TO BE REMOVED FROM PLUMBING FIXTURES DOWN THROUGH FLOOR AND PROPERLY CAPPED IN CEILING SPACE BELOW. (V.I.F.)</li> <li>㉑ REMOVE EXISTING FLOORING AND WALL BASE TO THIS LINE OF NEW WORK. COORDINATE WITH NEW FLOOR PLAN AND PROTECT EXISTING FLOORING AND BASE TO REMAIN.</li> <li>㉒ PATCH EXIST CONCRETE FLOOR SLAB (MAXIMUM 4") AT LOCATION OF REMOVED PLUMBING LINES AND FIXTURES WITH NON-SHRINK GROUT. SEE DETAIL 3 ON SHEET A4</li> <li>㉓ REMOVE AND REPLACE PORTION OF EXISTING GYPSUM BOARD CEILING BELOW WITH "LIKE" MATERIALS. (VERIFY LOCATION OF EXISTING APPLIED ACOUSTIC PANEL REMOVE AND REPLACE AS NECESSARY TO COMPLETE THIS WORK) PROVIDE AREA NECESSARY FOR DEMO PLUMBING WORK. (V.I.F.) REMOVAL SHOULD BE KEPT TO A MINIMUM.</li> </ul> | <ul style="list-style-type: none"> <li>㉔ EXISTING VENT PIPING AND HANGERS TO BE REMOVED FROM EXISTING PLUMBING FIXTURE LOCATION BACK TO BRANCH AND MAIN RISER AS SHOWN AND PROPERLY CAPPED (V.I.F.)</li> <li>㉕ EXISTING PLUMBING VENT TO REMAIN. (V.I.F.)</li> <li>㉖ EXISTING WATER SUPPLY PIPING TO REMAIN. (V.I.F.)</li> <li>㉗ PROVIDE NEW 2" GALVANIZED VENT PIPE (V.I.F. TO MATCH EXISTING) PROPERLY SUPPORTED. - COORDINATE LOCATION WITH EXISTING CONDITIONS.</li> <li>㉘ CONNECT NEW VENT PIPING TO EXISTING VENT PIPE. (C.T.E.) - COORDINATE SIZING AND LOCATION IN FIELD</li> </ul> |
|--|---|---|



**KEY PLAN**  
N.T.S.  
NORTH

REGISTRATION  
SEAL

stromsland + de young + prybys  
ARCHITECTURE GROUP  
20620 Burl Court - 102  
Joliet, Illinois 60433  
815-727-1311  
L.N.: 184-00437  
www.sdpagroup.com



**SMART CLASSROOM RENOVATIONS**  
JOLIET JUNIOR COLLEGE  
SECOND FLOOR - BUILDING J  
1215 HOUBOLT ROAD  
JOLIET, ILLINOIS

DATE: 6/24/2015

REVISED:

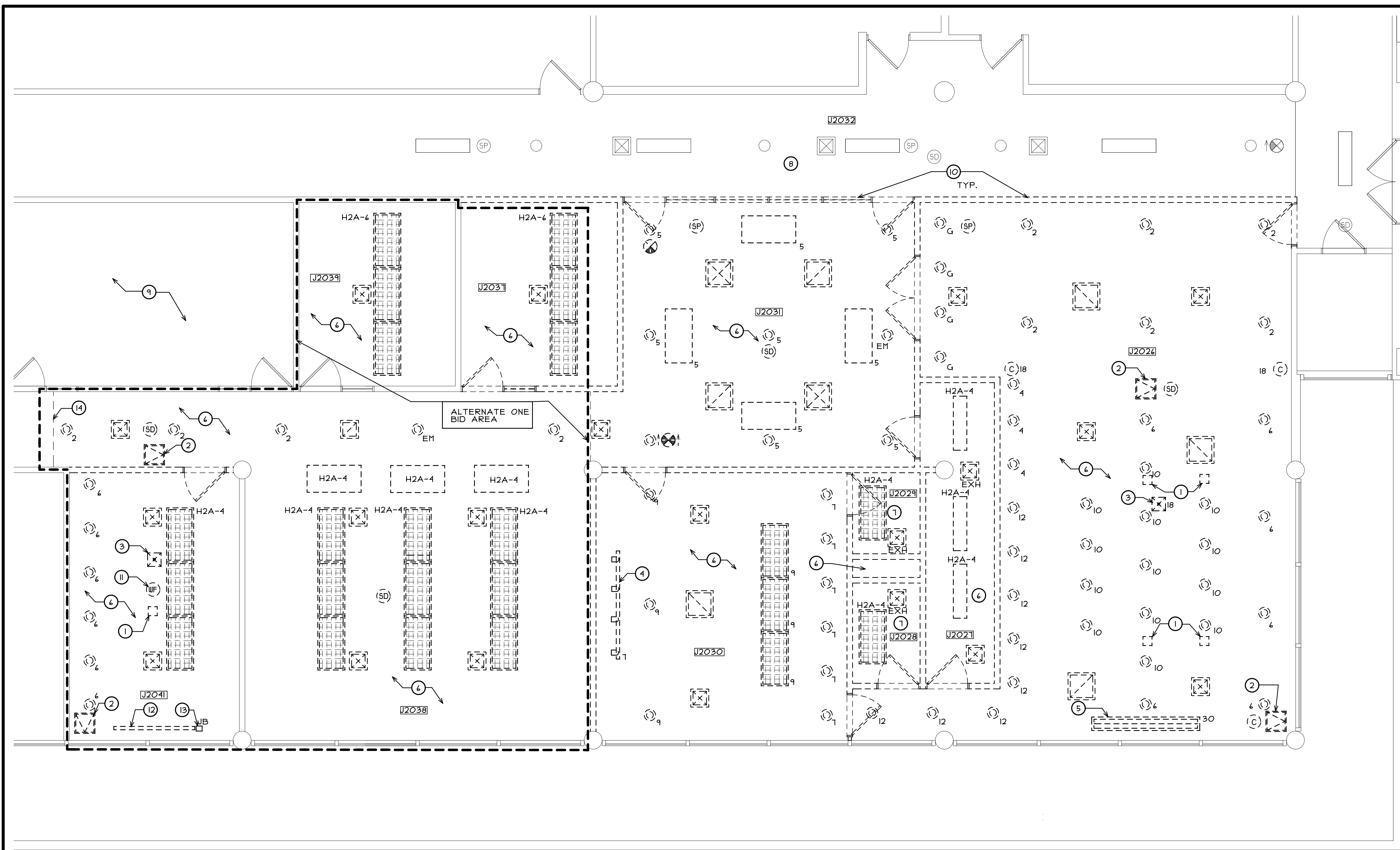
PROJECT NO.  
1409-01

SHEET NUMBER

**D1**

OF 3 SHEETS

P:\JJC- IT TRAINING\DRAWINGS\ARCH\HOB-01 D1AEC



**DEMO CEILING PLAN LEGEND**

- NOTE: CEILING ITEMS SHOWN SOLID ARE TO REMAIN (VERIFY IN FIELD)
- DENOTES EXISTING RECESSED LIGHT FIXTURE TO BE REMOVED. REMOVE WIRING AND CORRESPONDING CONDUIT BACK TO FIRST JUNCTION BOX TO REMAIN ABOVE CEILING.
  - DENOTES EXISTING SURFACE MOUNTED LIGHT FIXTURE TO BE REMOVED. REMOVE WIRING AND CORRESPONDING CONDUIT BACK TO FIRST JUNCTION BOX TO REMAIN ABOVE CEILING.
  - DENOTES EXISTING RECESSED LIGHT FIXTURE IN CEILING TO BE REMOVED. REMOVE EXISTING WIRING AND CORRESPONDING CONDUIT BACK TO FIRST JUNCTION BOX TO REMAIN ABOVE CEILING. (V.I.F.) EXISTING CIRCUIT TO REMAIN.
  - DENOTES EXISTING RECESSED EMERGENCY NIGHT LIGHT FIXTURE IN CEILING TO BE REMOVED. REMOVE WIRING AND CONDUIT BACK TO FIRST JUNCTION BOX TO REMAIN ABOVE CEILING. V.I.F.
  - DENOTES EXISTING RECESSED HVAC SUPPLY DIFFUSER TO BE REMOVED. REMOVE EXISTING METAL DUCT SECTION TO ALLOW FOR CONNECTION OF NEW FLEX DUCT (V.I.F.) (SEE MECHANICAL DRAWINGS)
  - DENOTES EXISTING RECESSED HVAC RETURN/EXHAUST REGISTER TO BE REMOVED.
  - DENOTES EXISTING SMOKE DETECTOR TO BE REMOVED
  - DENOTES EXISTING SPEAKER TO BE REMOVED BY OWNERS STAFF. TERMINATE WIRING ABOVE CEILING
  - DENOTES EXISTING CAMERA TO BE REMOVED BY OWNERS STAFF. EXISTING ELECTRIC RECEPTACLE ABOVE CEILING TO BE REMOVED. EXISTING WIRING AND CORRESPONDING CONDUIT TO BE REMOVED BACK TO FIRST JUNCTION BOX TO REMAIN.
  - EXISTING EXIT SIGN TO BE REMOVED.



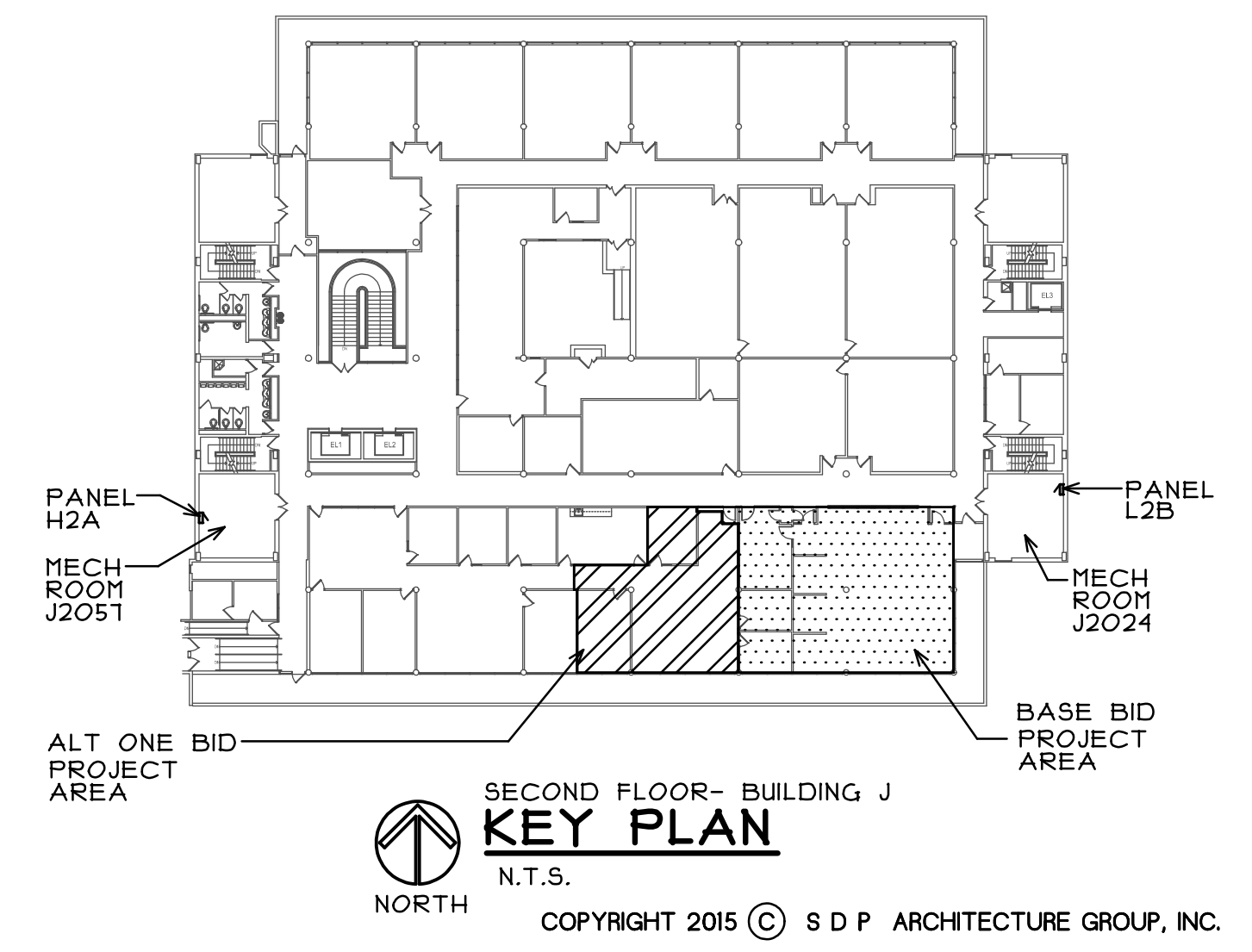
**PARTIAL DEMO CEILING PLAN**  
SCALE: 1/4" = 1'-0"

**DEMO CEILING PLAN GENERAL NOTES**

- A. ALL SALVAGED ITEMS NOT REUSED SHALL BE PLACED IN STORAGE, ON SITE, AT A LOCATION DESIGNATED BY THE OWNER.
- B. ALL ITEMS REMOVED AND NOT SALVAGED SHALL BE PROPERLY DISPOSED OF OFF SITE BY THE CONTRACTOR.
- C. PATCH & REPAIR HOLES AND/OR DAMAGED SURFACES CAUSED TO ADJACENT CONSTRUCTION DURING DEMOLITION.
- D. VERIFY ANY ADDITIONAL DEMOLITION WORK REQUIRED FOR INSTALLATION OF DEVICES/ EQUIPMENT SHOWN ON THE MECHANICAL AND ELECTRICAL PLANS.
- E. PATCH AND REPAIR GYPSUM BOARD AT TOP OF WALLS TO REMAIN WHERE EXISTING GYPSUM BOARD CEILINGS HAVE BEEN REMOVED.
- F. ALL LED LAMPS IN EXISTING FIXTURES THAT ARE BEING REMOVED ARE TO BE SALVAGED TO THE OWNER.
- G. EXISTING CIRCUIT NUMBERS ARE FROM PANEL "L2B" AND ARE INDICATED FOR INFORMATION ONLY. (U.N.O.) VERIFY ALL EXISTING CIRCUITS IN FIELD.
- H. EXISTING CIRCUITS TO REMAIN ABOVE CEILING FOR RE-USE. (V.I.F.)

**DEMO CEILING PLAN KEY NOTES**

- 1 REMOVE EXISTING SURFACE MOUNTED PLASTIC PLATE. (V.I.F.)
- 2 REMOVE EXISTING METAL ACCESS PANEL. (V.I.F.)
- 3 EXISTING PROJECTOR MOUNT TO BE REMOVED BY OWNERS STAFF. EXISTING WIRING AND CORRESPONDING CONDUIT TO BE REMOVED BACK TO FIRST JUNCTION BOX TO REMAIN ABOVE CEILING. (V.I.F.)
- 4 EXISTING TRACK LIGHTING TO BE REMOVED. REMOVE EXISTING WIRING AND CORRESPONDING CONDUIT BACK TO FIRST JUNCTION BOX TO REMAIN ABOVE CEILING. (V.I.F.)
- 5 EXISTING RETRACTABLE SCREEN TO BE REMOVED BY OWNERS STAFF. EXISTING WIRING AND CORRESPONDING CONDUIT TO BE REMOVED BACK TO FIRST JUNCTION BOX TO REMAIN ABOVE CEILING. (V.I.F.)
- 6 EXISTING GYPSUM BOARD CEILING AND METAL FRAMING TO BE REMOVED ENTIRELY IN ROOM.
- 7 EXISTING APPLIED ACOUSTIC TILE AND GYPSUM BOARD CEILING AND METAL FRAMING TO BE REMOVED ENTIRELY IN ROOM.
- 8 EXISTING SUSPENDED GYPSUM BOARD CEILING TO REMAIN.
- 9 EXISTING CEILING IN THIS AREA TO BE REPLACED PER SEPARATE CONTRACT
- 10 PRIOR TO REMOVING EXISTING GYPSUM BOARD WALL, CUT AND RELOCATE EXISTING METAL SUPPORT CHANNEL CURRENTLY ABOVE WALL TO PROPERLY SUPPORT EDGE OF EXISTING CEILING TO REMAIN. SEE NEW FLOOR PLAN, REFLECTED CEILING PLAN AND DETAIL 5 ON SHEET A5
- 11 EXISTING WIRELESS ANTENNA TO BE REMOVED BY OWNERS STAFF. EXISTING WIRING TO REMAIN ABOVE CEILING FOR REUSE.
- 12 EXISTING RETRACTABLE PROJECTION SCREEN TO BE REMOVED BY OWNERS STAFF.
- 13 EXISTING CEILING MOUNTED JUNCTION BOX TO BE REMOVED. EXISTING WIRING AND CONDUIT TO BE REMOVED BACK TO FIRST JUNCTION BOX TO REMAIN. (V.I.F.)
- 14 LINE DESIGNATES EXTENT OF GYPSUM BOARD CEILING AND METAL FRAMING TO BE REMOVED.



REGISTRATION  
SEAL

stromsland + de young + prybys  
ARCHITECTURE GROUP  
20620 Burl Court - 102  
Joliet, Illinois 60433  
www.stpagroup.com  
L. N.: 184-000437  
815-727-1311

NUMBER  
SET

**SMART CLASSROOM RENOVATIONS**  
JOLIET JUNIOR COLLEGE  
SECOND FLOOR - BUILDING J  
1215 HOUBOLT ROAD  
JOLIET, ILLINOIS

DATE: 6/24/2015

REVISED:

PROJECT NO.  
1408-01

SHEET NUMBER

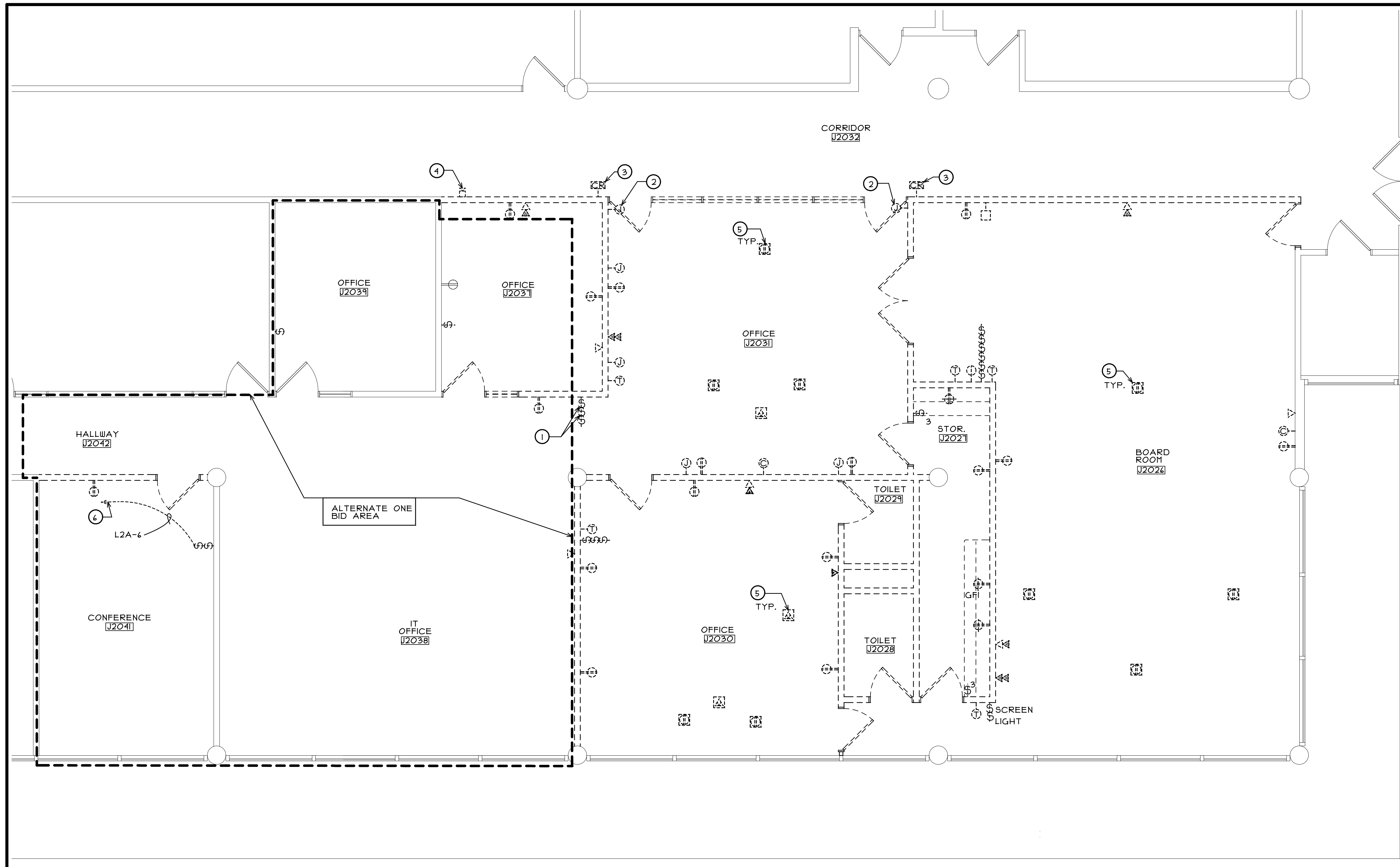
**D2**

OF 3 SHEETS

P:\JJC- IT TRAINING\DRAWINGS\ARCH\408-01 D2.AEC

**DEMO POWER PLAN LEGEND**

- ⊕ EXISTING ELECTRICAL DUPLEX TO REMAIN.
- ⊕ EXISTING DUPLEX TO BE REMOVED AND WIRING PROPERLY TERMINATED. CORRESPONDING CONDUIT TO ALSO BE REMOVED BACK TO FIRST JUNCTION OF EXISTING TO REMAIN. (V.I.F.)
- ⊕ EXISTING SPECIAL PLUG OUTLET TO BE REMOVED AND WIRING PROPERLY TERMINATED ABOVE CEILING. CORRESPONDING CONDUIT TO ALSO BE REMOVED BACK TO FIRST JUNCTION ABOVE CEILING. (V.I.F.)
- ⊕ EXISTING EMPTY JUNCTION BOX TO BE REMOVED. CORRESPONDING CONDUIT TO ALSO BE REMOVED BACK TO FIRST JUNCTION ABOVE CEILING OR OF EXISTING TO REMAIN. (V.I.F.)
- ⊕ EXISTING VOICE/DATA OUTLET TO BE REMOVED AND WIRING PROPERLY TERMINATED ABOVE CEILING. (V.I.F.)
- ⊕ EXISTING DATA OUTLET TO BE REMOVED AND WIRING PROPERLY TERMINATED ABOVE CEILING. (V.I.F.)
- ⊕ EXISTING PHONE OUTLET TO BE REMOVED AND WIRING PROPERLY TERMINATED ABOVE CEILING. (V.I.F.)
- ⊕ EXISTING ELECTRICAL FLOOR BOX TO BE REMOVED AND FLOOR TO BE PATCHED. EXISTING WIRING TO BE PULLED BACK TO JUNCTION BOX TO REMAIN ABOVE CEILING BELOW.
- ⊕ EXISTING VOICE/DATA FLOOR BOX TO BE REMOVED AND FLOOR PATCHED (V.I.F.) EXISTING WIRING TO BE REMOVED TO ABOVE CEILING BELOW AND PROPERLY TERMINATED.
- ⊕ EXISTING POWER/DATA/ VGA CONNECTION TO OVERHEAD PROJECTOR TO BE REMOVED AND WIRING TO BE PROPERLY TERMINATED ABOVE CEILING. (V.I.F.)
- ⊕ EXISTING SWITCH TO BE REMOVED AND WIRING PROPERLY TERMINATED. CORRESPONDING CONDUIT TO ALSO BE REMOVED BACK TO FIRST JUNCTION ABOVE CEILING. (U.N.O.) (V.I.F.)
- ⊕ EXISTING HVAC SYSTEM THERMOSTAT TO BE REMOVED AND RELOCATED. SEE ELECTRICAL PLAN FOR NEW LOCATION, V.I.F.
- ⊕ EXISTING ELECTRIC WALL MOUNTED CLOCK TO BE REMOVED. EXISTING WIRING TO BE REMOVED BACK TO ABOVE CEILING AND PROPERLY TERMINATED. CORRESPONDING CONDUIT TO ALSO BE REMOVED BACK TO FIRST JUNCTION ABOVE CEILING TO REMAIN (V.I.F.) PATCH AND REPAIR GYPSUM BOARD WALL SURFACE IN WALLS TO REMAIN.
- ⊕ EXISTING FIRE ALARM DEVICE TO BE REMOVED AND SALVAGED. SEE ELECTRICAL PLAN



REGISTRATION  
SEAL

stromsland + de young + prybys  
ARCHITECTURE GROUP  
815-727-1311  
L. N. : 194-000437  
www.sdpgroup.com  
20620 Burl Court - 102  
Joliet, Illinois 60433

NUMBER  
SET

**SMART CLASSROOM RENOVATIONS**  
JOLIET JUNIOR COLLEGE  
SECOND FLOOR - BUILDING J  
1215 HOUBOLT ROAD  
JOLIET, ILLINOIS

DATE: 6/24/2015

REVISED:

PROJECT NO.  
1409-01

SHEET NUMBER

**D3**

OF 3 SHEETS

**PARTIAL DEMO POWER PLAN**  
SCALE: 1/4" = 1'-0"  
NORTH

**DEMO POWER PLAN GENERAL NOTES**

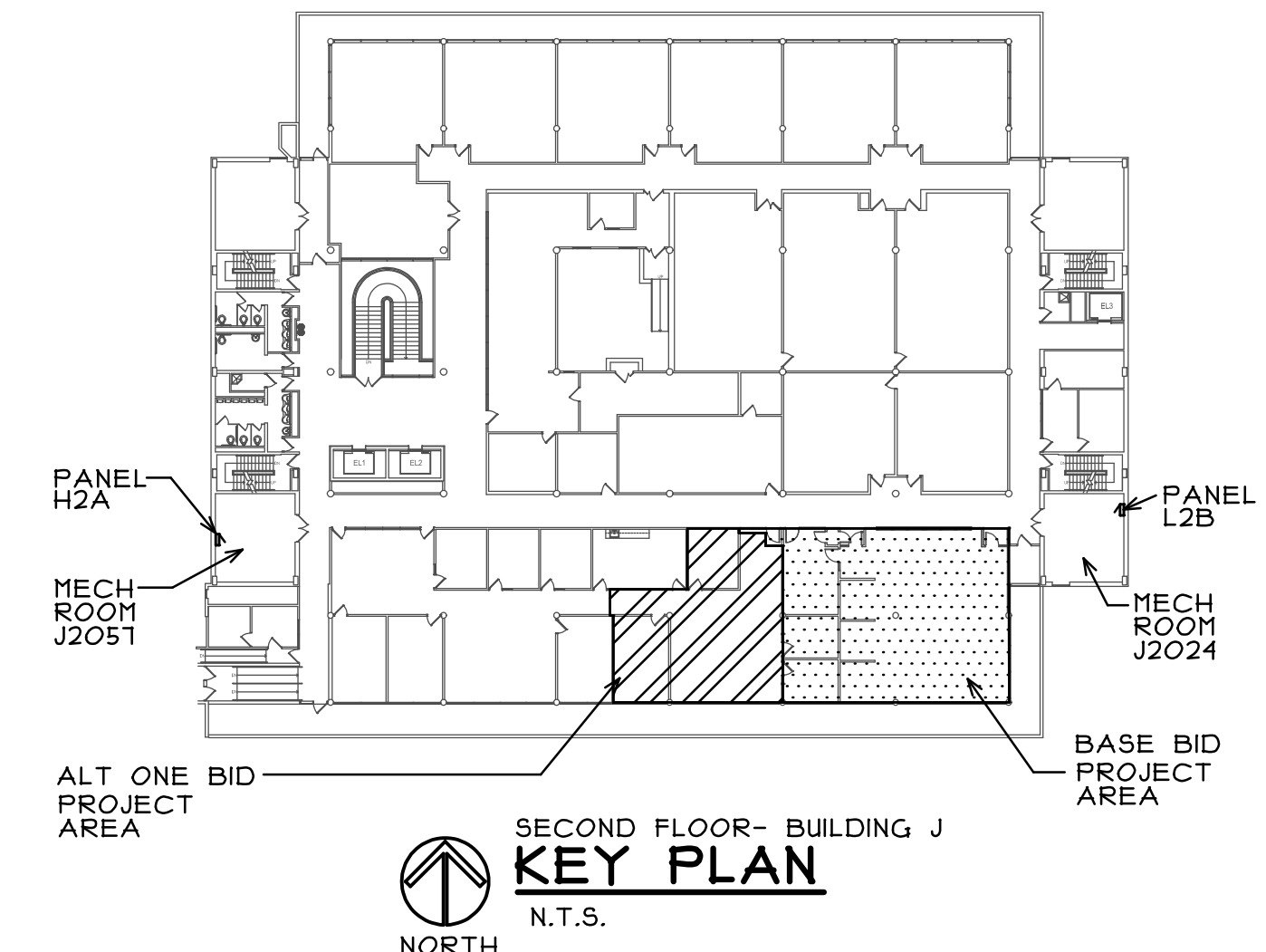
- A. ALL SALVAGED ITEMS NOT REUSED SHALL BE PLACED IN STORAGE, ON SITE, AT A LOCATION DESIGNATED BY THE OWNER.
- B. ALL ITEMS REMOVED AND NOT SALVAGED SHALL BE PROPERLY DISPOSED OF OFF SITE BY THE CONTRACTOR.
- C. PATCH & REPAIR HOLES AND/OR DAMAGED SURFACES CAUSED TO ADJACENT CONSTRUCTION DURING DEMOLITION.
- D. VERIFY ANY ADDITIONAL DEMOLITION WORK REQUIRED FOR INSTALLATION OF DEVICES/ EQUIPMENT SHOWN ON THE MECHANICAL AND ELECTRICAL PLANS.
- E. EXISTING CIRCUITS TO REMAIN ABOVE CEILING FOR RE-USE. (V.I.F.)

**DEMO POWER PLAN KEY NOTES**

- ① EXISTING SWITCHES FOR LIGHTS IN IT OFFICE J2038\* WERE RELOCATED IN SEPARATE CONTRACT.
- ② EXISTING LOW VOLTAGE POWER TRANSFER TO DOOR, WIRE MOLD AND JUNCTION BOX TO BE REMOVED. -SALVAGE POWER TRANSFER TO DOOR TO OWNER.
- ③ EXISTING CARD READER DEVICE TO BE REMOVED AND SALVAGED TO OWNER. (V.I.F.)
- ④ EXISTING SURFACE MOUNTED J- BOX AND SURFACE MOUNTED CONDUIT TO BE REMOVED AT EXISTING FIRE ALARM DEVICE LOCATION. EXISTING WIRING TO BE PULLED ABOVE CEILING FOR RE-USE. (V.I.F.)
- ⑤ PATCH HOLES (FROM POKE THRU'S, CONDUIT, PIPING, ETC.) IN EXISTING FLOOR SLAB WITH NON-SHRINK GROUT - SEE DETAIL 4 ON SHEET A4 (TYPICAL ALL OPENINGS)
- ⑥ EXISTING CIRCUITS ARE NO LONGER USED. REMOVE EXISTING WIRING AND CONDUIT FOR REMOVED RECESSED CAN LIGHTS IN REMODELING SPACE BACK TO FIRST JUNCTION BOX TO REMAIN. AT ELECTRICAL PANEL PROPERLY TERMINATE WIRING. UPDATE PANEL BOARD DIRECTORY TO SAY "SPARE".

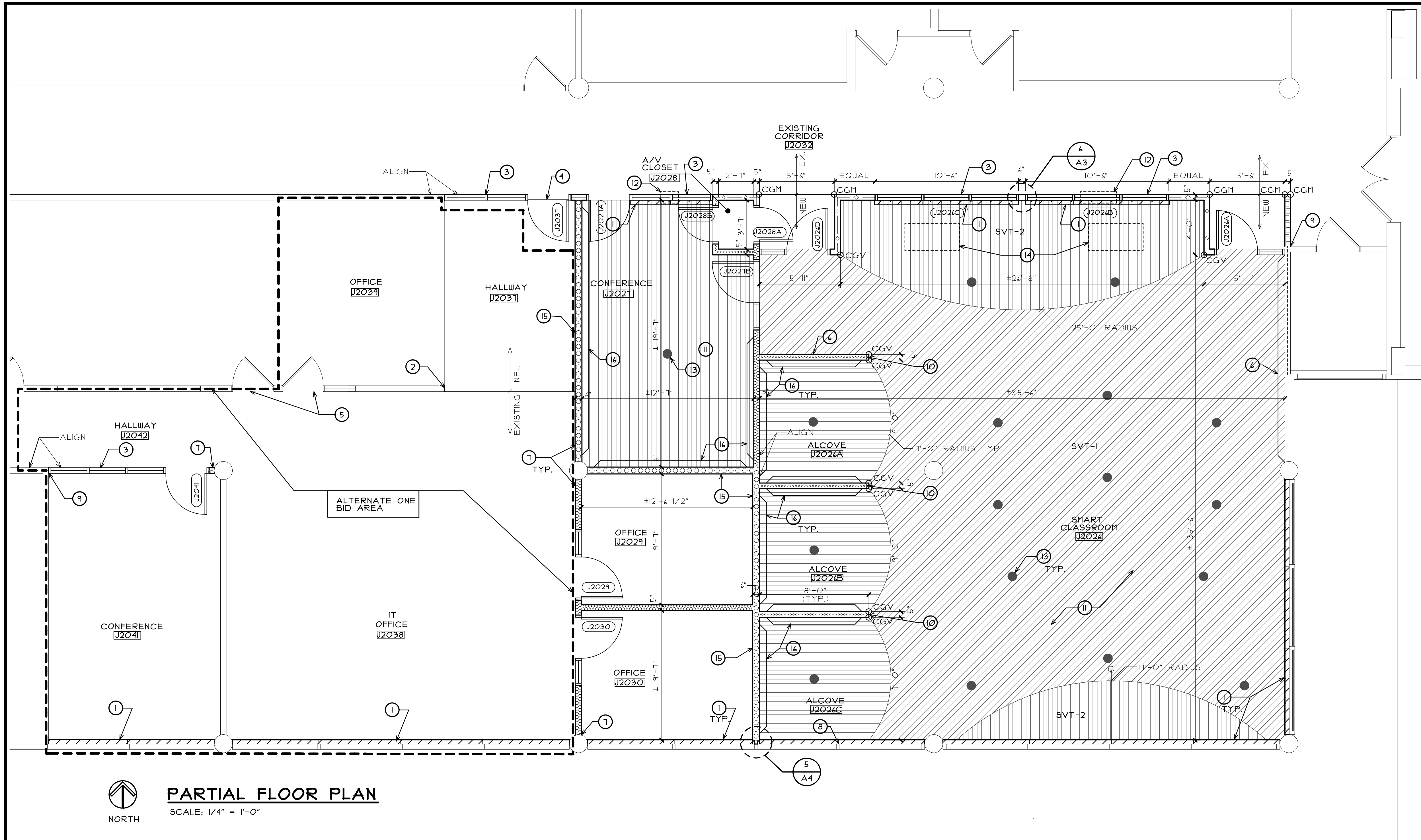
**GENERAL ELECTRICAL DEMOLITION NOTES**

1. E.C. TO VISIT THE SITE AND INCLUDE ALL JOB CONDITIONS IN BID.
2. VERIFY WITH ARCHITECT ALL AREAS OF DEMOLITION AND INCLUDE IN BID.
3. VERIFY WITH THE OWNERS REPRESENTATIVE ALL EQUIPMENT TO BE SALVAGED AND LOCATION E.C. IS TO STORE SUCH EQUIPMENT.
4. VERIFY WITH THE OWNERS REPRESENTATIVE, LOCATION AND TIMES FOR REMOVAL OF DEBRIS. INCLUDE ANY SPECIAL CONDITIONS IN BID.
5. INCLUDE IN BID REMOVAL OF ANY DEVICES, BOXES, WIRING, CONDUITS ETC. IN WALLS BEING REMOVED. INCLUDE IN BID FOR ANY EXISTING FEED-THROUGH CONDUITS AND WIRING THAT MUST BE RELOCATED TO KEEP TENANT IN SERVICE.
6. INCLUDE IN BID REMOVAL OF ALL UNUSED BOXES, RELOCATION OF ANY WIRING AND PATCHING OF WALLS AS REQUIRED. NO BOXES WITH BLANK COVER PLATES SHALL REMAIN AFTER COMPLETION OF THIS PROJECT (U.N.O.).
7. ALL FEED-THROUGH SYSTEMS SHALL BE KEPT IN SERVICE.
8. INCLUDE IN BID REMOVAL OF ALL ELECTRICAL EQUIPMENT DEVICES, CONDUITS AND WIRING OF EQUIPMENT. SEE ARCHITECTURAL PLANS FOR AREAS OF WORK.
9. E.C. TO VERIFY ALL EXISTING WALL CONDITIONS & CONSTRUCTION BEFORE BID.
10. ANY EXISTING EQUIPMENT TO BE REUSED ON CEILINGS SHALL BE DISCONNECTED, STORED, REINSTALLED & WIRED ON NEW CEILING BY E.C. FIELD VERIFY WITH OWNER AND ARCHITECT.
11. IT SHALL BE THE ELECTRICAL CONTRACTORS RESPONSIBILITY TO DEVELOP CIRCUITS REQUIRED FOR THIS PROJECT. AMP PROBE ALL EXISTING & COMBINE 120 VOLT TO 1200 WATTS MAX. REWIRE AS REQUIRED.
12. ALL EXISTING POWER CIRCUITS SHALL BE VERIFIED PROPERLY AND EITHER BE TERMINATED, MARKED AND/OR REUSED IN NEW CONSTRUCTION PLAN.



NORTH

SECOND FLOOR- BUILDING J  
**KEY PLAN**  
N.T.S.



**FLOOR PLAN LEGEND**

- DENOTES EXISTING WALLS OR PARTITIONS TO REMAIN (VERIFY IN FIELD)
- DENOTES EXTEND EXISTING WALL UP TO STRUCTURE ABOVE. PROVIDE NEW 3 5/8" METAL STUDS AT 16" O.C. W/ 3" SOUND BLANKET INSULATION IN ALL CAVITIES AND ONE LAYER OF 5/8" GYPSUM BOARD EACH SIDE BETWEEN EXISTING WALL TO REMAIN AND STRUCTURE ABOVE. (V.I.F.) PROVIDE DIAGONAL BRACING AT 48" O.C. STAGGERED BOTH SIDES WALL.
- DENOTES 3 5/8" METAL STUDS AT 16" O.C. W/ 3" SOUND BLANKET INSULATION IN ALL CAVITIES, AND ONE LAYER OF 5/8" GYPSUM BOARD EACH SIDE. RUN STUDS INSULATION AND BOTH LAYERS OF GYPSUM BOARD FULL HEIGHT TO FLOOR STRUCTURE ABOVE.
- DENOTES 3 5/8" METAL STUDS AT 16" O.C. W/ 3" SOUND BLANKET INSULATION IN ALL CAVITIES, AND ONE LAYER OF 5/8" GYPSUM BOARD ON RESILIENT CHANNEL AND OTHER SIDE TWO(2) LAYERS OF 5/8" GYPSUM BOARD. RUN STUDS, INSULATION, RESULTANT CHANNELS, AND ALL LAYERS OF GYPSUM BOARD FULL HEIGHT FLOOR STRUCTURE ABOVE. (SEE PLAN FOR LOCATION OF DOUBLE LAYER OF GYPSUM BOARD)
- DENOTES 3 5/8" METAL STUDS AT 16" O.C. W/ 3" SOUND BLANKET INSULATION IN ALL CAVITIES, AND ONE LAYER OF 5/8" GYPSUM BOARD EACH SIDE, RUN STUDS, INSULATION AND ONE LAYER OF GYPSUM BOARD (ROOM SIDE) FULL HEIGHT TO FLOOR STRUCTURE ABOVE. RUN OTHER LAYER OF GYPSUM BOARD (CORRIDOR SIDE) TO UNDERSIDE OF FINISHED CEILING AND TAPE-IN.
- DENOTES 3 5/8" METAL STUDS AT 16" O.C. W/ 3" SOUND BLANKET INSULATION IN ALL CAVITIES, AND ONE LAYER OF 5/8" GYPSUM BOARD BOTH SIDES, RUN STUDS FULL HEIGHT TO FLOOR STRUCTURE ABOVE. RUN BOTH LAYERS OF GYPSUM BOARD TO UNDERSIDE OF FINISHED CEILING AND TAPE-IN.
- DENOTES EXISTING DOOR AND FRAME TO REMAIN (VERIFY IN FIELD)
- DENOTES NEW DOOR AND FRAME - SEE DOOR MARK IN DOOR AND FRAME SCHEDULE
- ALL CHANGES IN FLOOR FINISH MATERIAL OR COLOR ARE TO OCCUR UNDER CENTER OF DOOR/OPENING OR AT LOCATIONS INDICATED. SEE ROOM FINISH SCHEDULE FOR FLOORING TYPE IN EACH ROOM. (NOT IN CONTRACT)
- 3 1/2" SURFACE APPLIED METAL CORNER GUARD (MODEL CO-8 BY ACROVYN OR APPROVED EQUAL) - CORNER GUARD HEIGHT TO MATCH EXISTING. (PRIME AND PAINT TO MATCH WALL).
- 2" SURFACE APPLIED VINYL CORNER GUARD (MODEL S5H-10N BY ACROVYN OR APPROVED EQUAL) - CORNER GUARD TO START AT TOP OF WALL BASE AND RUN TO 5'-0" A.F.F. (PRODUCT COLOR TO BE SELECTED FROM MANUFACTURERS FULL LINE OF FAUX WOOD PATTERNS)

**NOTE:**  
 GENERAL CONTRACTOR TO PROVIDE A \$20,000 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.

**FLOOR PLAN GENERAL NOTES**

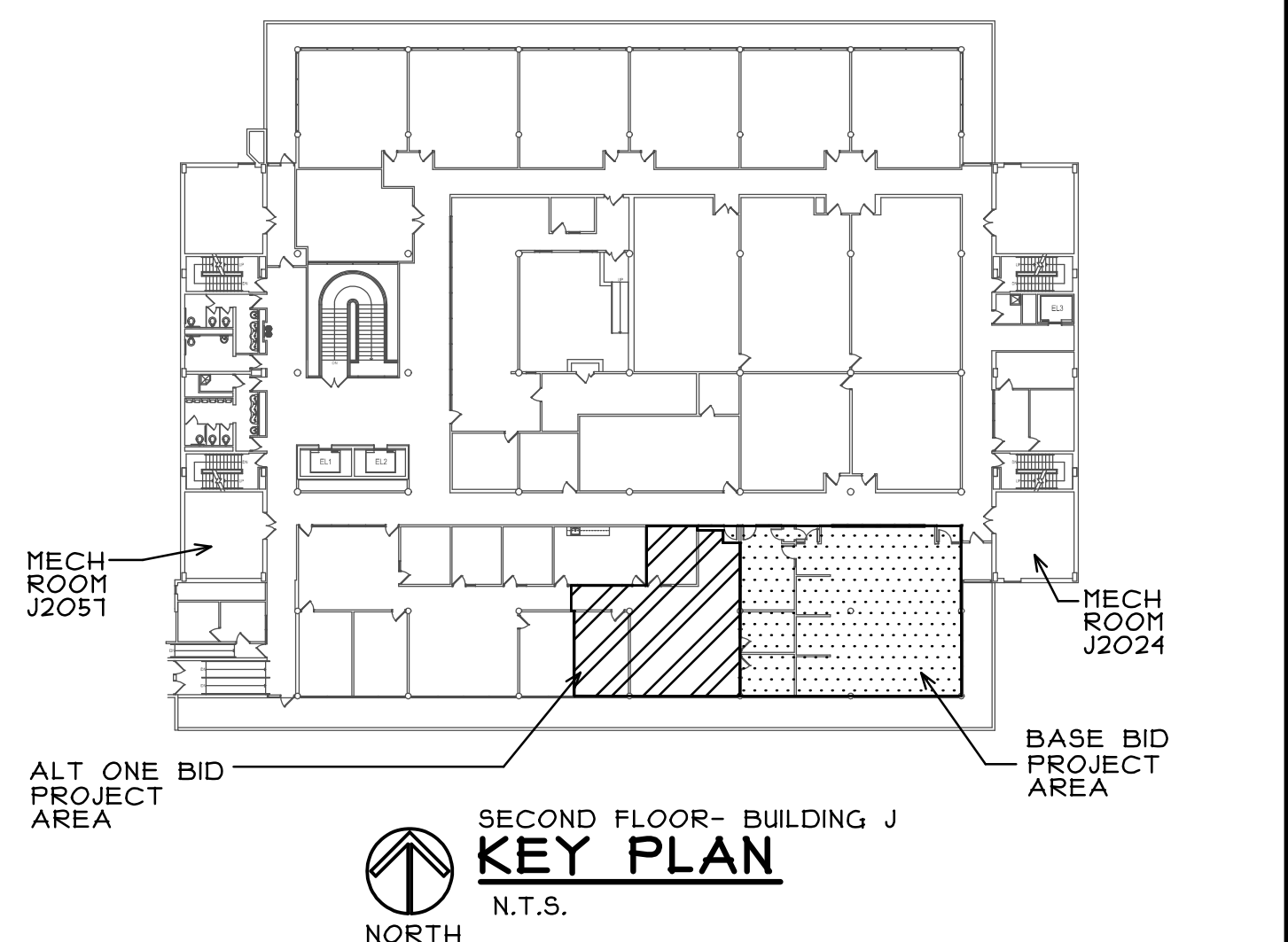
- A. ALL PENETRATIONS OF SUSPENDED FLOOR SLABS SHALL BE SEALED WITH AN APPROPRIATE UL LISTED THROUGH-WALL PENETRATION FIRESTOPPING SYSTEM RATED FOR 2-HOURS.
- B. HOLES AT REMOVAL OF EXISTING M.E.P. EQUIPMENT THROUGH EXISTING CONCRETE SLAB TO BE PROPERLY PATCHED FLUSH AND LEVEL WITH ADJACENT AREA. (V.I.F.)
- C. NEW M-E-P SERVICES IN EXISTING METAL AND GYPSUM BOARD WALLS MAY BE "FISHED DOWN" IF POSSIBLE, OR THE WALL IS TO BE CHANNEL CUT AND PATCHED WITH "LIKE" MATERIALS. COORDINATE WITH M.E.P.
- D. PATCH & REPAIR ALL EXISTING GYPSUM BOARD SURFACES TO "LIKE NEW" CONDITION PRIOR TO INSTALLING NEW FINISHES.
- E. ALL NEW AND EXISTING WALLS IN PROJECT AREA TO RECEIVE NEW PAINT FINISH.
- F. PROVIDE ALL REQUIRED IN-WALL BLOCKING FOR HARDWARE BOTH NEW AND REINSTALLED.
- G. PROVIDE METAL STUD WALL BRACING 4'-0" O.C. AT TOP OF ALL EXISTING WALLS IN PROJECT AREA. SEE DETAILS 2 AND 4 ON SHEET A4 TYP. (U.N.O.)
- H. PROVIDE ALL REQUIRED IN-WALL BLOCKING FOR NEW VIDEO MONITORS - COORDINATE WITH OWNER FOR BRACKET TYPE(S)
- I. REMOVE AND REPLACE PORTIONS OF EXISTING GYPSUM BOARD CEILING AND APPLIED ACOUSTICAL PANELS (NEW PANELS TO MATCH EXISTING) IN CEILING BELOW PROJECT AREA AS NECESSARY FOR REMOVAL AND INSTALLATION OF NEW AND EXISTING ELECTRICAL POKE THRU'S. ELECTRICAL FEEDS AND PLUMBING WORK. CONTRACTOR TO VERIFY IN FIELD THE EXTENT OF CEILING WORK AND SHOULD BE KEPT TO A MINIMUM TO COMPLETE THE WORK. (NEW GYPSUM BOARD TO BE PAINTED TO MATCH EXISTING)
- J. CONTRACTOR TO PROVIDE ALLOWANCE FOR (4) 2X2 FLUSH MOUNT METAL ACCESS PANELS (ACUDOR MODEL UF-5000 PRIME COATED STEEL OR APPROVED EQUAL) AND PAINTED TO MATCH CEILING. PROVIDE ASSOCIATED FRAMING TO MOUNT ACCESS PANELS IN GYPSUM BOARD CEILING BELOW PROJECT AREA. COORDINATE LOCATIONS IN FIELD WITH OWNER.

**FLOOR PLAN KEY NOTES**

- 1 PROVIDE NEW ROLLER SHADES. (BASKET WEAVE 90 - LUTRON SHADING SYSTEM BY VIMCO - COLOR CHARCOAL GRAY) ON ALL WINDOWS (SEPARATE SHADE FOR EACH WINDOW RUN MULLION TO MULLION) - MOUNT NEW SHADES TO EXISTING AND NEW WINDOW FRAME HEAD (V.I.F.)
- 2 AT LOCATIONS OF REMOVED WALLS (SEE DEMOLITION PLANS) EXISTING WALLS TO REMAIN ARE TO BE PATCHED WITH "LIKE" MATERIALS MATCHING ADJOINING (SIZE, THICKNESS, ETC.) V.I.F.
- 3 NEW WALL TO CONTINUE ABOVE ALUMINUM STOREFRONT FRAME. (WALL TYPE TO MATCH ADJACENT WALL. SEE WALL TYPE LEGEND)
- 4 NEW TRANSITION STRIP AT CENTER LINE OF DOOR BY OWNERS VENDOR (NOT IN CONTRACT)
- 5 PROVIDE ADDITIONAL METAL STUD BRACING AT TOP OF EXISTING DOOR FRAME. SEE DETAILS 4 ON SHEET A4
- 6 PROVIDE ACOUSTICAL WALL COVERING FULL HEIGHT.
- 7 PROVIDE NEW PAINTABLE CAULK BEAD EACH SIDE OF NEW WALL AT COLUMN.
- 8 EXISTING WINDOW FRAME AND SILL TO BE PATCHED AND PAINTED AT LOCATION OF REMOVED WALL INFILL. (V.I.F.) PAINT TO MATCH EXISTING
- 9 NEW GYPSUM BOARD WALL TO BE TAPED-IN TO EXISTING.

- 10 NEW FULL HEIGHT ACOUSTICAL WALL COVERING (AWC-1) TO CONTINUE AROUND END OF WALL
- 11 NEW FLOOR PLANK PATTERN - COORDINATE FINAL LAYOUT WITH OWNER (TYPICAL)
- 12 PROVIDE OPENING IN WALL ABOVE ALUMINUM STOREFRONT FOR RETURN AIR TRANSFER. SEE MECHANICAL DRAWINGS FOR SIZE
- 13 NEW FLOOR POKE THRU. SEE ELECTRICAL DRAWINGS
- 14 AREA OF FLOOR PROJECTION FILM. PROVIDED AND INSTALLED BY OWNERS STAFF.
- 15 PROVIDE DOUBLE LAYER OF GYPSUM BOARD THIS SIDE OF WALL.
- 16 PROVIDE 5" HIGH CHAIR RAIL (MODEL SCR-50N BY ACROVYN OR APPROVED EQUAL) MOUNTED AT ±3/4" A.F.F. TO CENTER (COORDINATE EXACT HEIGHT WITH CHAIRS PROVIDED) STOP CHAIR RAIL 6" OFF CORNERS AND END OF WALLS. (COLOR TO BE SELECTED FROM MANUFACTURERS FULL RANGE OF FAUX WOOD FINISHES)

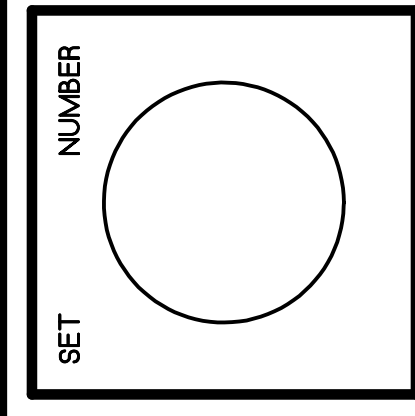
CONTRACTOR TO PROVIDE "GROUND PENETRATION RADAR" (GPR) INVESTIGATION OF EXISTING FLOOR AREAS IN NEW ROOMS J2024, J2026A, J2026B, J2026C, J2021, J2028 IN A 3'-0" X 3'-0" AREA AROUND NEW FLOOR ELECTRICAL/POKE THRU'S AND CONDUIT PENETRATIONS THROUGH FLOOR (SEE SHEET ME1). THIS INVESTIGATION SHALL LOCATE ALL CABLES, REINFORCING, CONDUITS, ETC. IN SLABS AND BEAMS. PROVIDE FLOOR PLAN LAYOUT OF GPR FINDINGS AND REPORT TO OWNER AND ARCHITECT FOR NEW CONSTRUCTION AND ADJUSTMENT OF NEW FLOOR PENETRATIONS.



P:\JJC-IT TRAINING DRAWINGS\ARCH\1408-01 ALAC

REGISTRATION  
 SEAL

stromstand + de young + pryboys  
 ARCHITECTURE GROUP  
 20620 Burr Court - 102  
 Joliet, Illinois 60438  
 www.sdpagroup.com  
 815-727-1311  
 L. N. : 184-000437



**SMART CLASSROOM RENOVATIONS**  
 JOLIET JUNIOR COLLEGE  
 SECOND FLOOR - BUILDING J  
 1215 HOBOLT ROAD  
 JOLIET, ILLINOIS

DATE: 6/24/2015  
 REVISED:  
 PROJECT NO.  
 1409-01

SHEET NUMBER  
**A1**  
 OF 4 SHEETS



**DOOR & FRAME SCHEDULE**

MARK	LOCATION	SIZE	DOOR			FRAME			DETAILS			GLASS	LABEL	HARDWARE SET	REMARKS	MARK
			TYPE	MATERIAL	FINISH	TYPE	MATERIAL	FINISH	HEAD	JAMB	SILL					
J202A	SMART CLASSROOM	3'-0" X 1'-10" X 1 3/4"	1	SCWOOD	STAIN	3	ALUM	D. BRONZE	4/A3	4/A3SIM.	5/A3	GI	---	1		J202A
J202B	SMART CLASSROOM	10'-6" CLEAR OPENING	-	-	-	1	ALUM	D. BRONZE	4/A3	4/A3SIM.	5/A3	GI	---	---	1	J202B
J202C	SMART CLASSROOM	10'-6" CLEAR OPENING	-	-	-	1	ALUM	D. BRONZE	4/A3	4/A3SIM.	5/A3	GI	---	---	1	J202C
J202D	SMART CLASSROOM	3'-0" X 1'-10" X 1 3/4"	1	SCWOOD	STAIN	3	ALUM	D. BRONZE	4/A3	4/A3SIM.	5/A3	GI	---	1		J202D
J2021A	CONFERENCE	3'-0" X 1'-10" X 1 3/4"	1	SCWOOD	STAIN	4	ALUM	D. BRONZE	4/A3	4/A3SIM.	5/A3	GI	---	1		J2021A
J2021B	CONFERENCE	3'-0" X 1'-10" X 1 3/4"	1	SCWOOD	STAIN	3	ALUM	D. BRONZE	4/A3	4/A3SIM.	5/A3	GI	---	1		J2021B
J2028A	A/V CLOSET	2'-6" X 1'-10" X 1 3/4"	1	HMTL	PAINT	2	HMTL	PAINT	1/A3 SIM.	2/A3	---	---	---	3	2	J2028A
J2028B	A/V CLOSET	2'-6" X 1'-10" X 1 3/4"	1	HMTL	PAINT	2	HMTL	PAINT	1/A3	2/A3	---	---	---	3	2	J2028B
J2029	OFFICE	3'-0" X 1'-10" X 1 3/4"	1	SCWOOD	STAIN	5	HMTL	PAINT	1/A3	2/A3	3/A3	GI	---	2		J2029
J2030	OFFICE	3'-0" X 1'-10" X 1 3/4"	1	SCWOOD	STAIN	5	HMTL	PAINT	1/A3	2/A3	3/A3	GI	---	2		J2030
J2031	HALLWAY	3'-0" X 1'-10" X 1 3/4"	1	SCWOOD	STAIN	4	ALUM	D. BRONZE	4/A3	4/A3SIM.	5/A3	GI	---	5		J2031
J2041	CONFERENCE	3'-0" X 1'-10" X 1 3/4"	1	SCWOOD	STAIN	6	ALUM	D. BRONZE	4/A3	4/A3SIM.	5/A3	GI	---	4		J2041

**SCHEDULE ABBREVIATIONS**

HMTL HOLLOW METAL  
SCWOOD SOLID CORE WOOD  
EX EXISTING  
ALUM ALUMINUM

**GLASS TYPES**

GI 1/4" CLEAR TEMPERED

**HARDWARE SCHEDULE**

**HARDWARE SET 1:**

- 4 HINGES- HAGER BBI219 4.5X4.5 US24D
- 1 CLASSROOM LOCK- (SCHLAGE "ND" SERIES CYLINDRICAL LOCK) FURNISHED BY OWNER AND INSTALLED BY CONTRACTOR
- 1 ELECTRIC STRIKE- (VON DUPRIN # 4210) FURNISHED AND INSTALLED BY OWNER'S VENDOR
- 1 CARD READER- FURNISHED AND INSTALLED BY OWNERS VENDOR (COORDINATE RACEWAY TO ACCESSIBLE CEILING)
- 1 WALL STOP- IVES W5401-CVX US24D

**HARDWARE SET 2:**

- 4 HINGES- HAGER BBI219 4.5X4.5 US24D
- 1 OFFICE LOCK- (SCHLAGE "ND" SERIES CYLINDRICAL LOCK) FURNISHED BY OWNER AND INSTALLED BY CONTRACTOR
- 1 ELECTRIC STRIKE - (VON DUPRIN # 4210) FURNISHED AND INSTALLED BY OWNER'S VENDOR
- 1 CARD READER- FURNISHED AND INSTALLED BY OWNERS VENDOR (COORDINATE RACEWAY TO ACCESSIBLE CEILING)
- 1 WALL STOP- IVES W5401-CVX US24D

**HARDWARE SET 3:**

- 4 HINGES- HAGER BBI219 4.5X4.5 US24D
- 1 STORE ROOM LOCK- (SCHLAGE "ND" SERIES CYLINDRICAL LOCK) FURNISHED BY OWNER AND INSTALLED BY CONTRACTOR
- 1 FLOOR STOP- IVES FS13 US24D

**GENERAL NOTES**

- ALL NEW AND EXISTING HOLLOW METAL FRAMES TO RECEIVE NEW PAINT FINISH PER SPECIFICATION 099123.
- PROVIDE WALL STOP FOR DOORS THAT OPEN 90 DEGREES AND FLOOR STOP FOR DOORS THAT OPEN MORE THAN 90 DEGREES.

**REMARK NOTES**

- PROVIDE BENT METAL JOINING ADAPTER BY STOREFRONT MANUFACTURER BETWEEN FRAMING UNITS. COORDINATE WITH ELECTRICAL DRAWING FOR OUTLET PLACEMENT (SEE DETAIL 6 ON SHEET A3)
- PROVIDE 1" CLEAR DOOR UNDER CUT

**ROOM FINISH SCHEDULE**

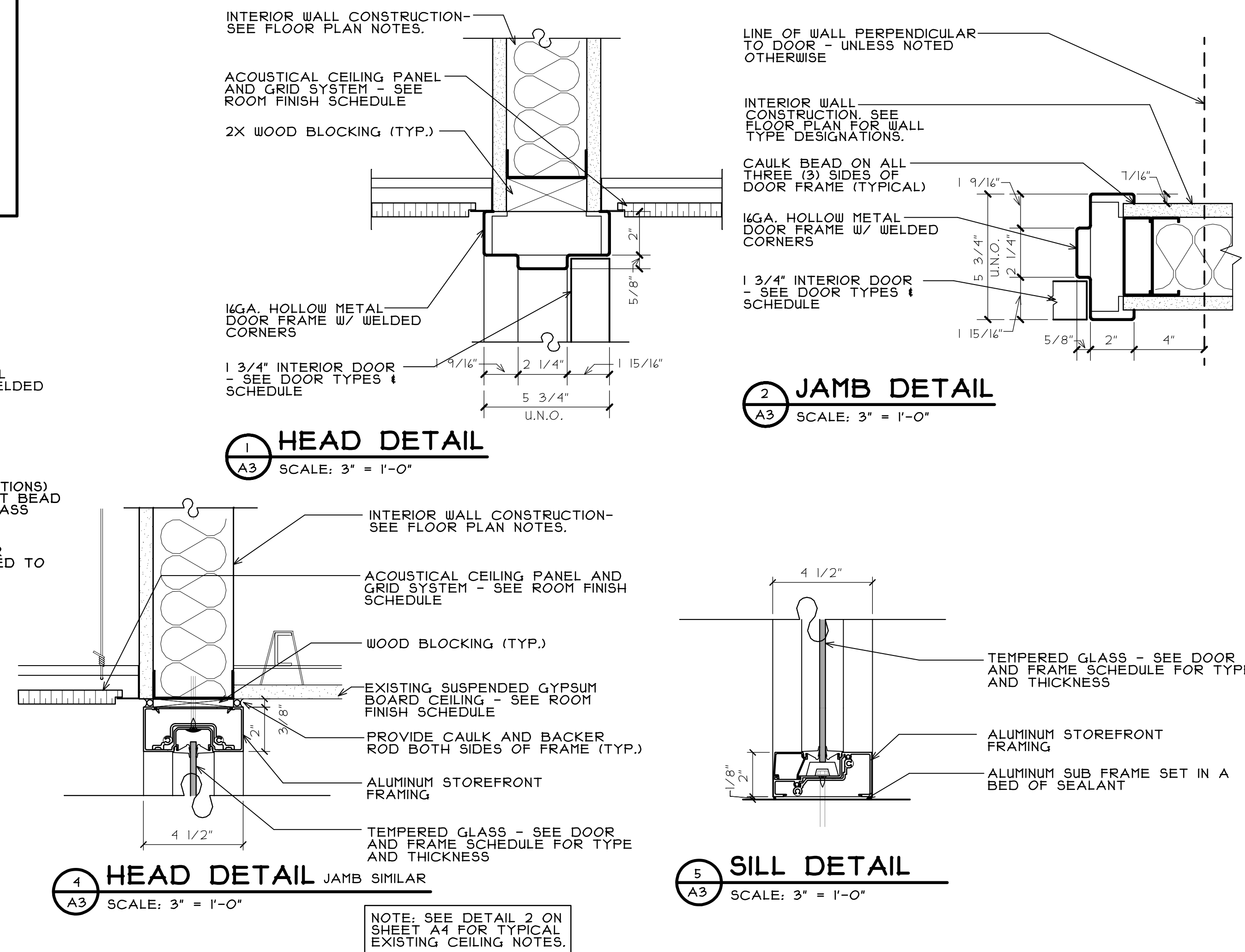
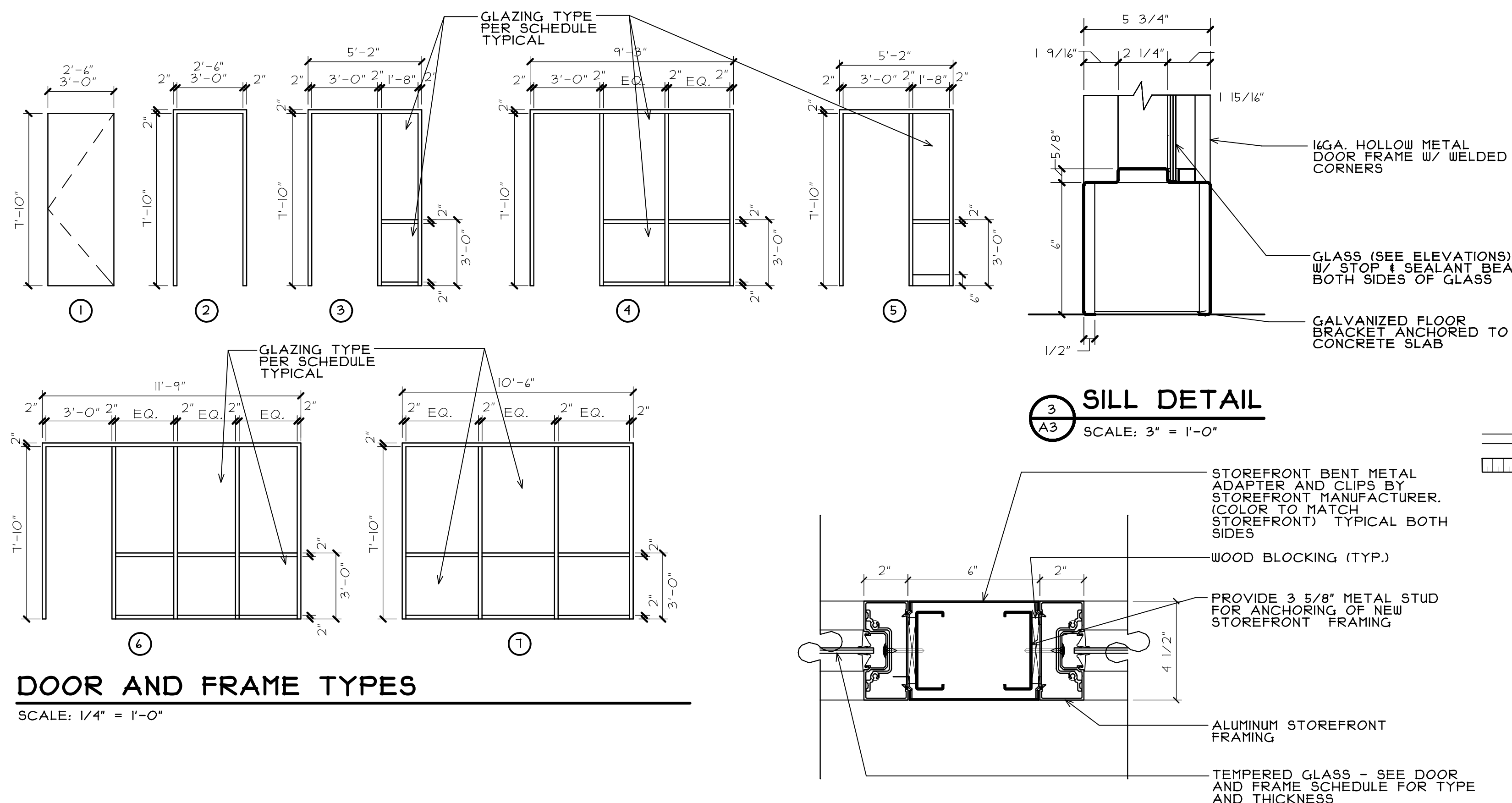
ROOM NO.	ROOM NAME	FLOOR	BASE	WALLS	CEILING	CEILING HGT.	REMARKS	ROOM NO.
J202	SMART CLASSROOM	SVT-1, SVT-2	RB-1	PNT	APC-2, APC-3	VARIES	3,4,5,1	J202
J202A	ALCOVE	SVT-2	RB-1	AUC-1	APC-3	8'-0"	3,4	J202A
J202B	ALCOVE	SVT-2	RB-1	AUC-1	APC-3	8'-0"	3,4	J202B
J202C	ALCOVE	SVT-2	RB-1	AUC-1	APC-3	8'-0"	3,4	J202C
J2021	CONFERENCE	SVT-1	RB-1	PNT	APC-1	8'-0"	3	J2021
J2028	A/V CLOSET	VCT-1	RB-1	PNT	APC-1	8'-0"		J2028
J2029	OFFICE	CPT-1	RB-1	PNT	APC-1	8'-0"		J2029
J2030	OFFICE	CPT-1	RB-1	PNT	APC-1	8'-0"		J2030
J2032	EXISTING CORRIDOR	EX/VCT-1	EX/RB-1	EX/PNT	EX/PNT	EX	1,2	J2032
J2031	HALLWAY	CPT-1	RB-1	PNT	APC-1	8'-0"		J2031
J2038	IT OFFICE	EX	EX/RB-1	EX/PNT	APC-1	8'-0"	1	J2038
J2039	OFFICE	EX	EX	EX	APC-1	8'-0"		J2039
J2041	CONFERENCE	EX	EX/RB-1	EX/PNT	APC-1	8'-0"	1	J2041
J2042	HALLWAY	EX	EX	EX	APC-1	8'-0"		J2042

**SCHEDULE ABBREVIATIONS**

- CPT-1 CARPET TILE PROVIDED AND INSTALLED BY OWNERS VENDOR. (N.I.C.)
- VCT-1 VINYL COMPOSITE TILE
- SVT-1 SOLID VINYL TILE (COLOR 1)
- SVT-2 SOLID VINYL TILE (COLOR 2)
- RB-1 RUBBER WALL BASE
- PNT SHERWIN WILLIAMS, SNOWBOUND, SW1004
- AUC-1 FULL HEIGHT ACOUSTICAL WALL COVERING. (KOROSEAL, HYTEX, BEDFORD (COLOR TO BE SELECTED) OR APPROVED EQUAL.
- APC-1 2'X2' REVEAL EDGE CEILING PANEL AND GRID SYSTEM - SEE SPECIFICATION
- APC-2 2'X2' REVEAL EDGE CEILING PANEL AND GRID SYSTEM (COLOR)- SEE SPECIFICATION
- APC-3 2'X2' REVEAL EDGE CEILING PANEL AND GRID SYSTEM (COLOR) - SEE SPECIFICATION
- EX EXISTING FINISH TO REMAIN

**REMARKS NOTES**

- AT AREAS OF NEW CONSTRUCTION PATCH-IN NEW FINISHES TO MATCH ADJOINING EXISTING. VERIFY IN FIELD.
- SEE DEMOLITION PLAN AND REFLECTED CEILING PLAN FOR AREAS OF EXISTING CEILING TO REMAIN AND AREAS TO BE REMOVED/REPLACED.
- SEE FLOOR PLAN FOR SOLID VINYL TILE "SVT-1, SVT-2" PATTERN
- SEE CEILING PLAN FOR LOCATIONS OF DIFFERENT COLORED CEILING PANELS AND GRID. GRID AND PANELS TO BE SAME COLOR.
- SEE REFLECTED CEILING PLAN FOR CEILING HEIGHT LOCATIONS.
- SEE FLOOR PLAN FOR LOCATION OF CHAIR RAIL
- SEE FLOOR PLAN FOR LOCATIONS OF FULL HEIGHT ACOUSTICAL WALL COVERING (AUC-1)



P:\JJC- IT TRAINING\DRAWINGS\ARCH\N\H09-01 A3.AEC

REGISTRATION

STROMSLAND + de young + prybys

ARCHITECTURE GROUP

815-727-1311

L. N.: 184-00437

www.sdpgroup.com

20620 Burr Court - 102

Joliet, Illinois 60433

NUMBER SET

SMART CLASSROOM RENOVATIONS  
JOLIET JUNIOR COLLEGE  
SECOND FLOOR - BUILDING J  
1215 HOUBOLT ROAD  
JOLIET, ILLINOIS

DATE: 6/24/2015

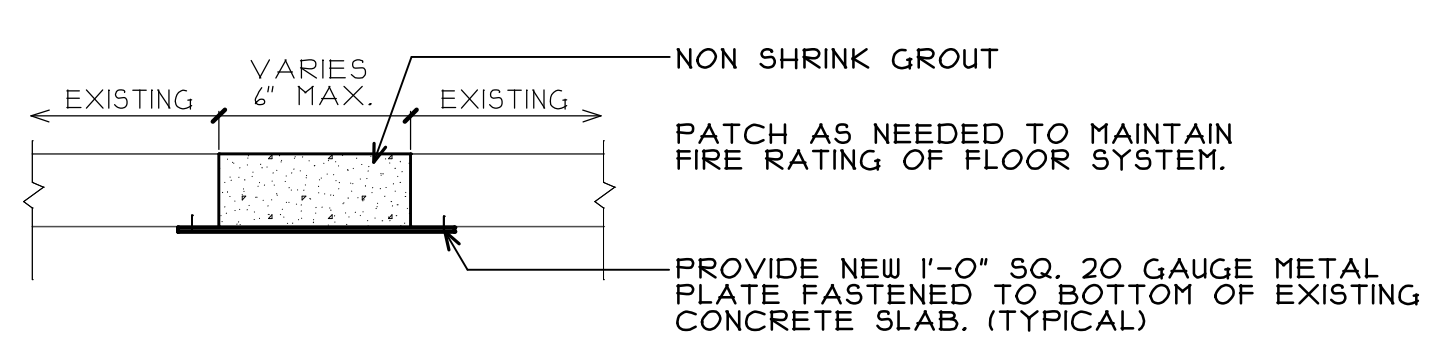
REVISED:

PROJECT NO.  
1409-01

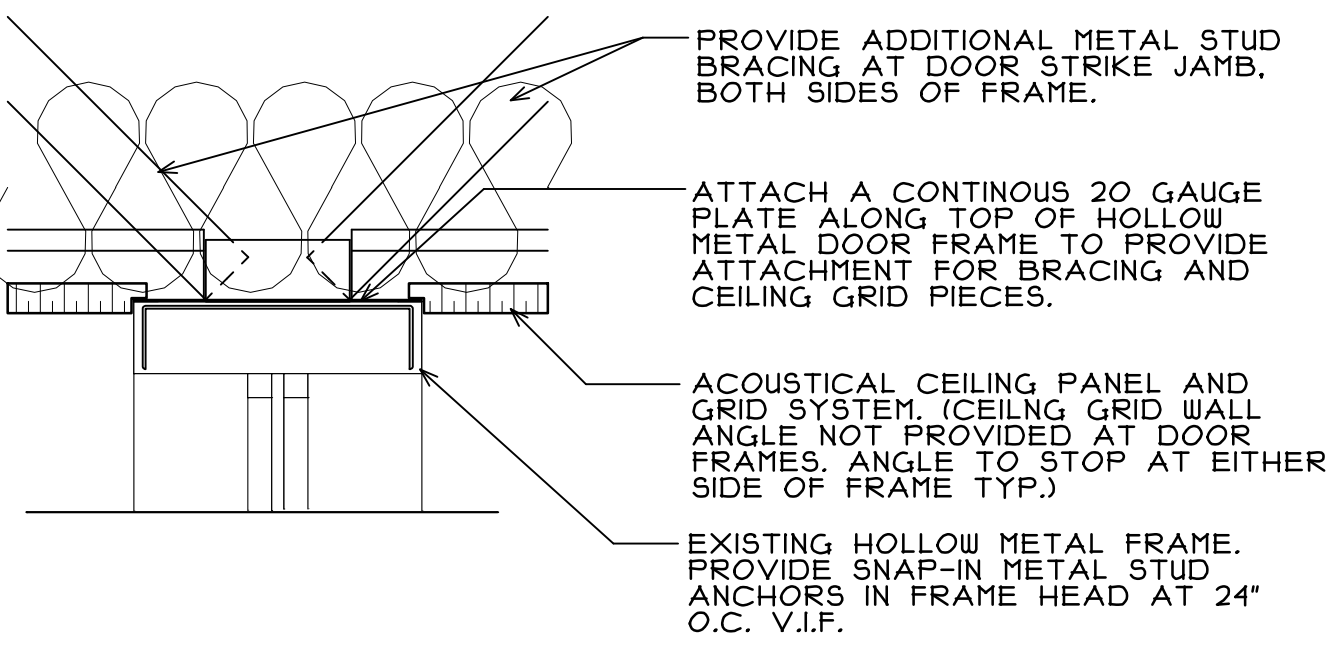
SHEET NUMBER

A3

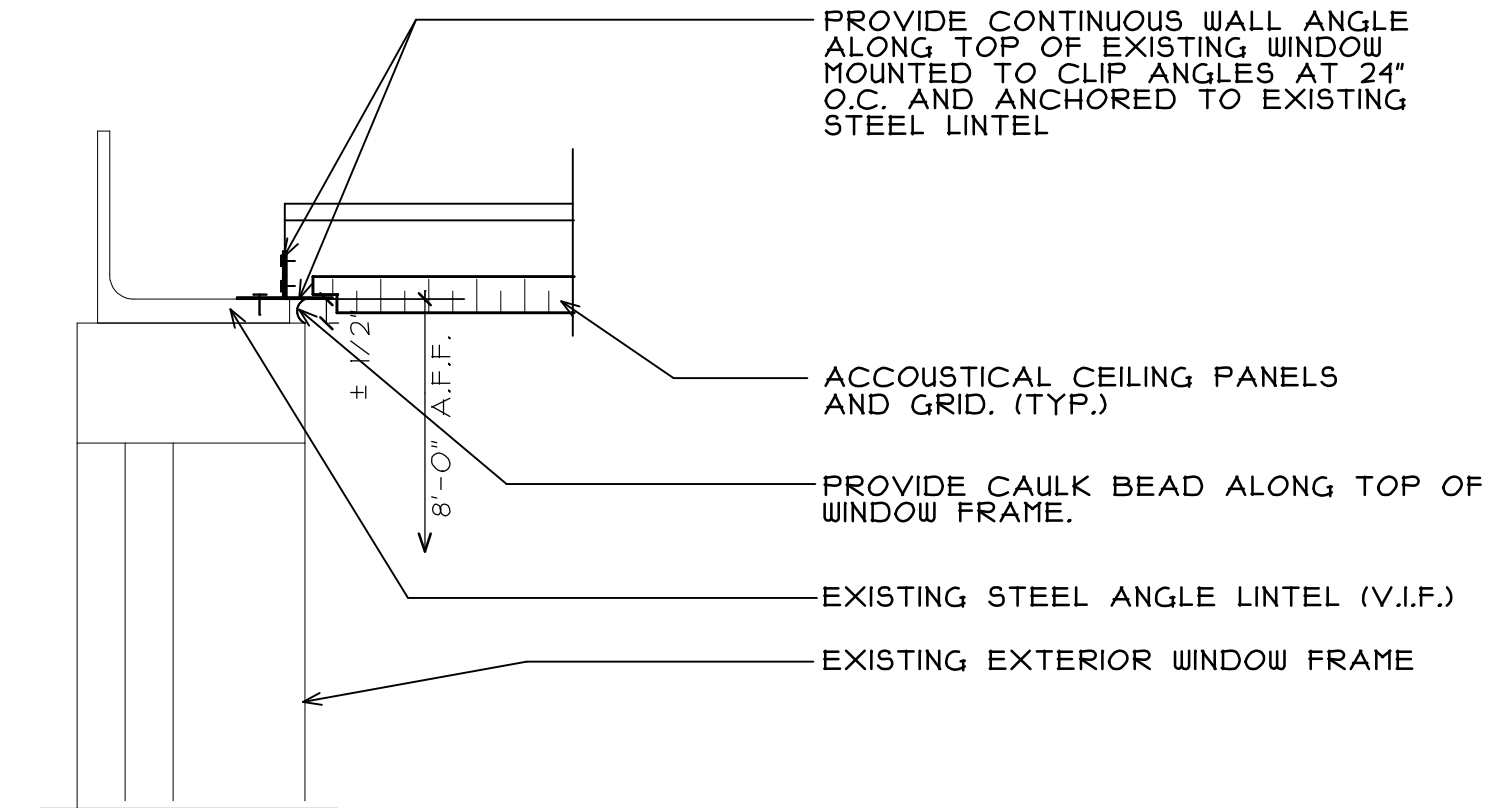
OF 4 SHEETS



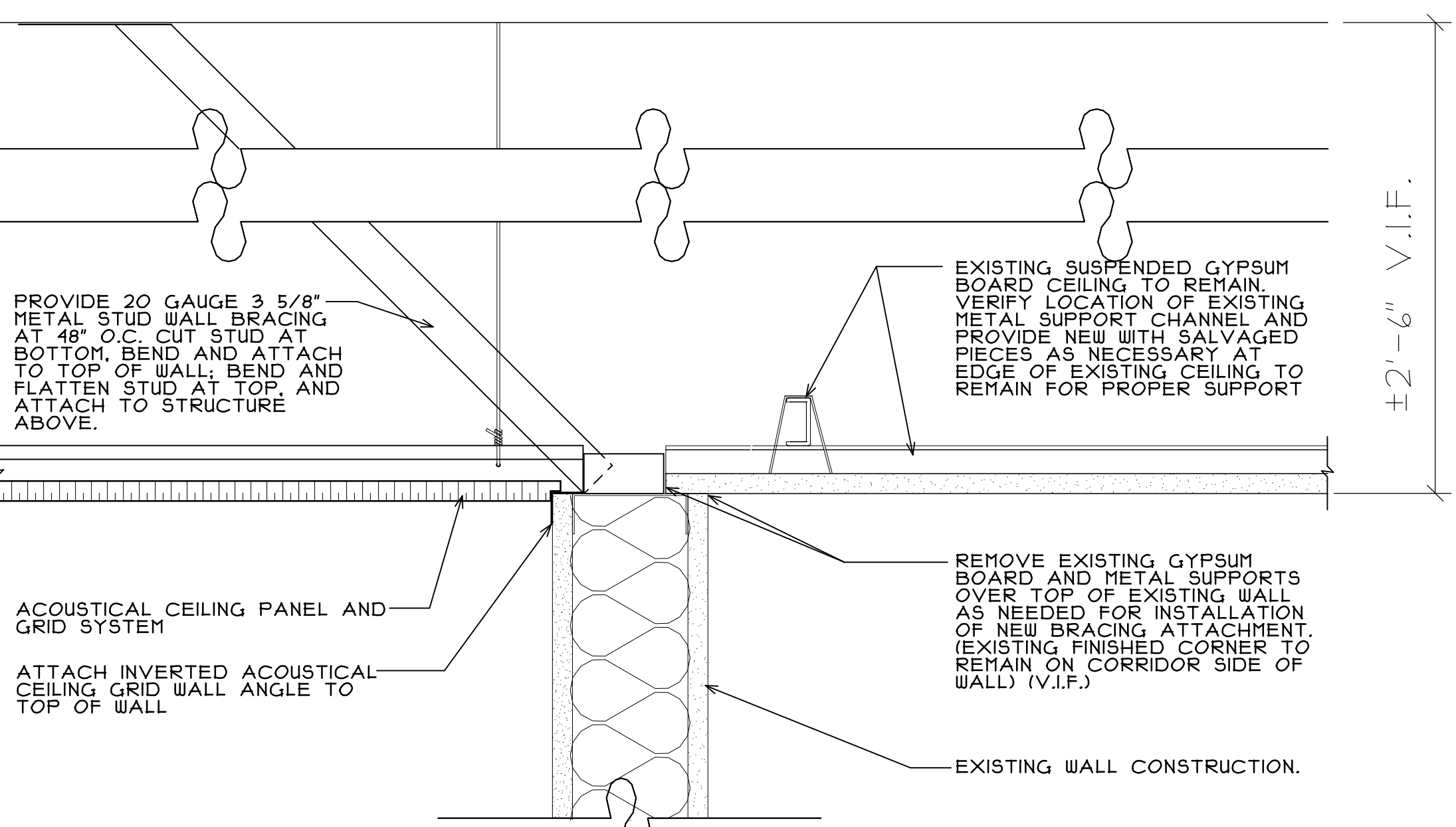
**3**  
**A4** **SUSPENDED SLAB CONCRETE PATCH**  
SCALE: 3/4" = 1'-0"



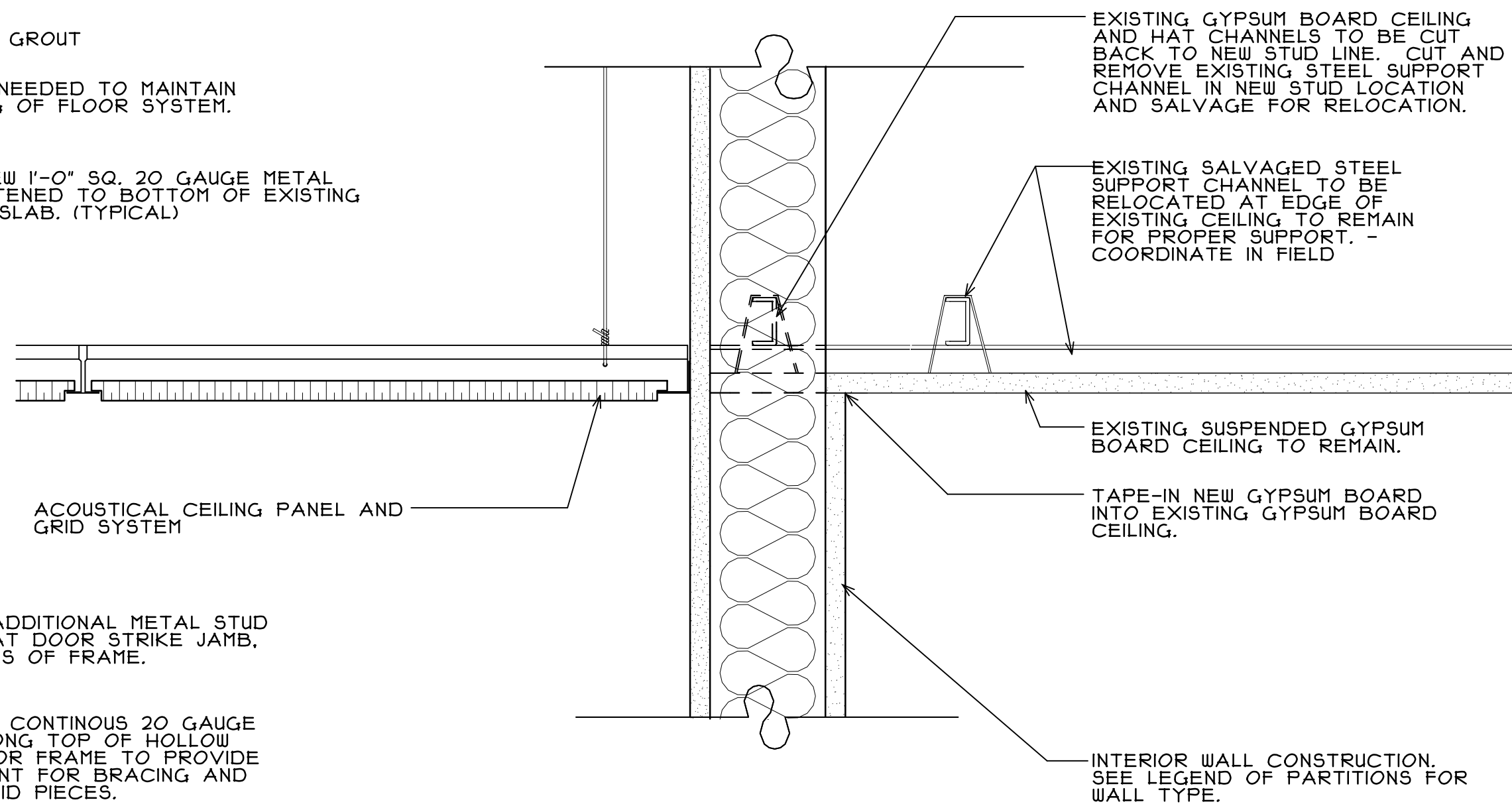
**4**  
**A4** **TYPICAL DETAIL AT TOP OF DOOR FRAMES**  
SCALE: 3" = 1'-0"



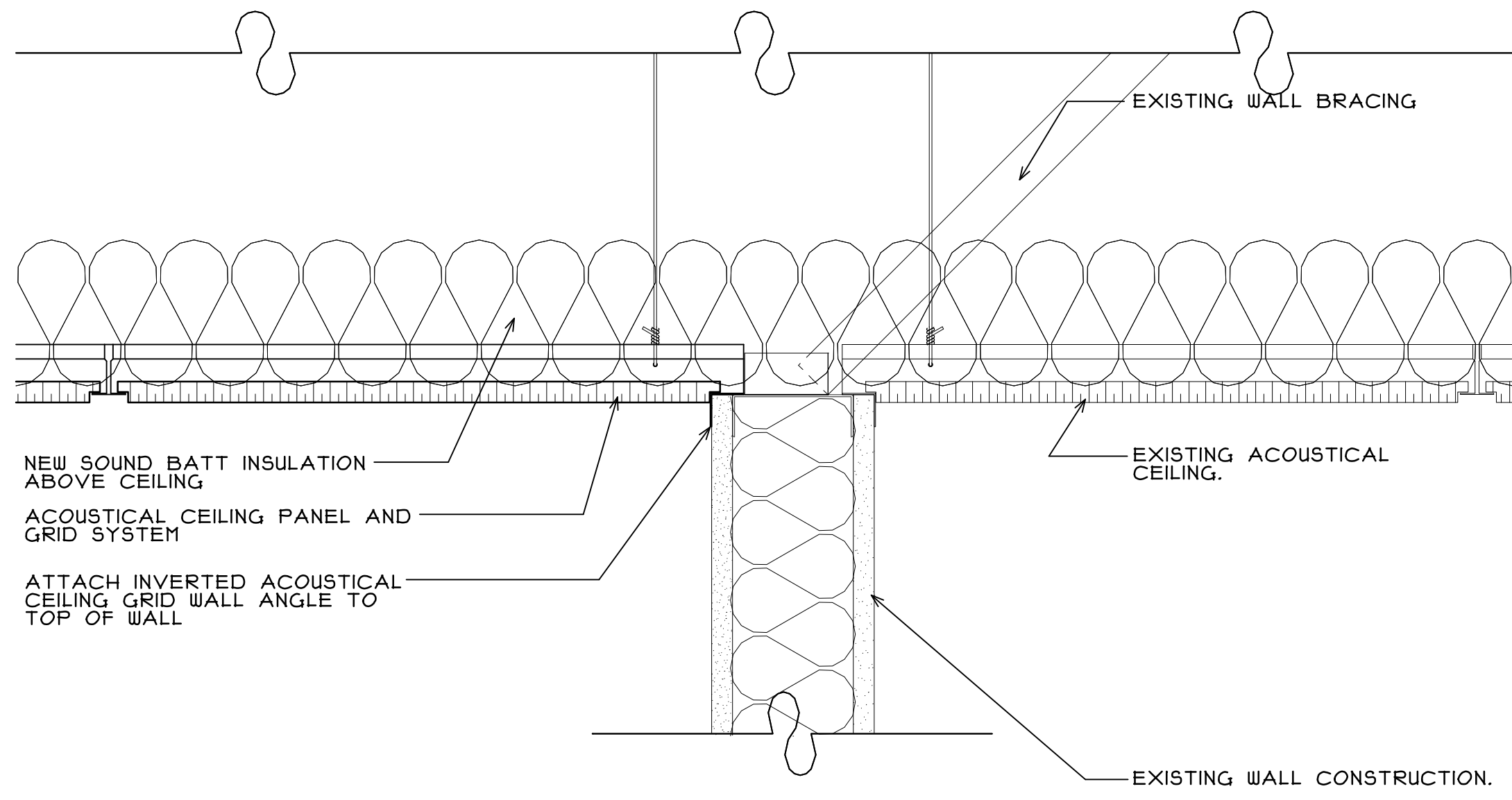
**1**  
**A4** **DETAIL AT EXTERIOR WINDOW**  
SCALE: 3" = 1'-0"



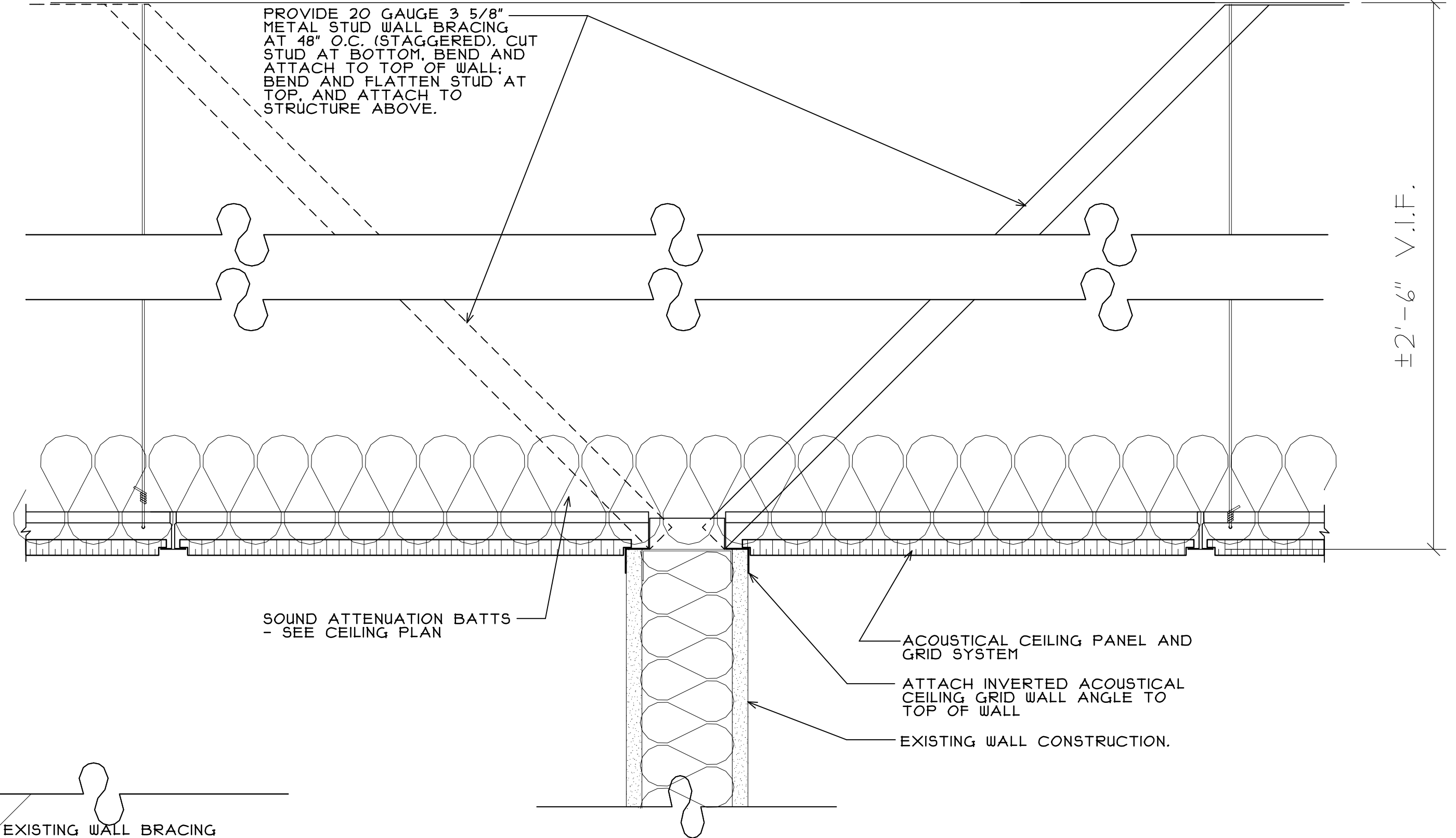
**10**  
**A4** **TYPICAL DETAIL AT TOP OF EXISTING CORRIDOR WALL**  
SCALE: 3" = 1'-0"



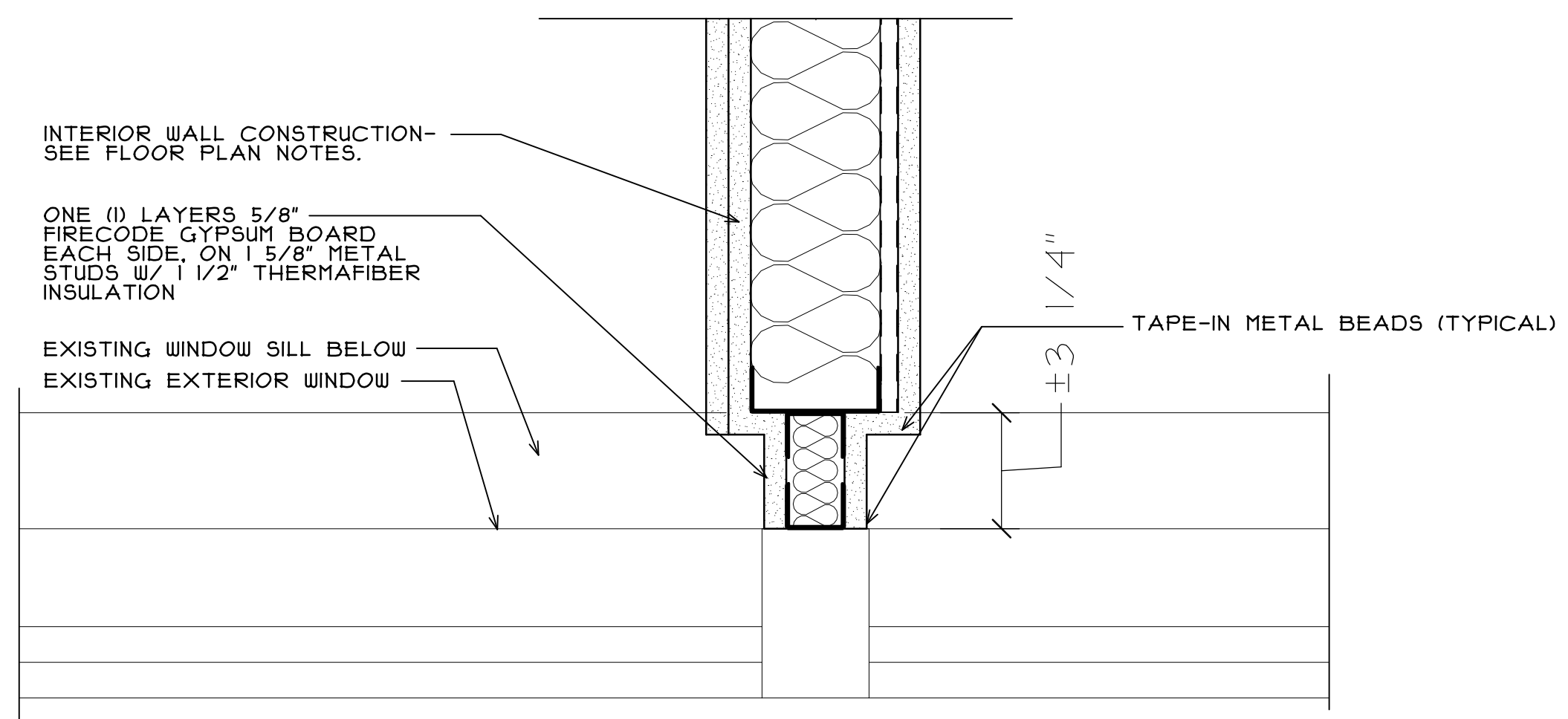
**2**  
**A4** **TYPICAL DETAIL AT TOP OF NEW CORRIDOR WALLS**  
SCALE: 3" = 1'-0"



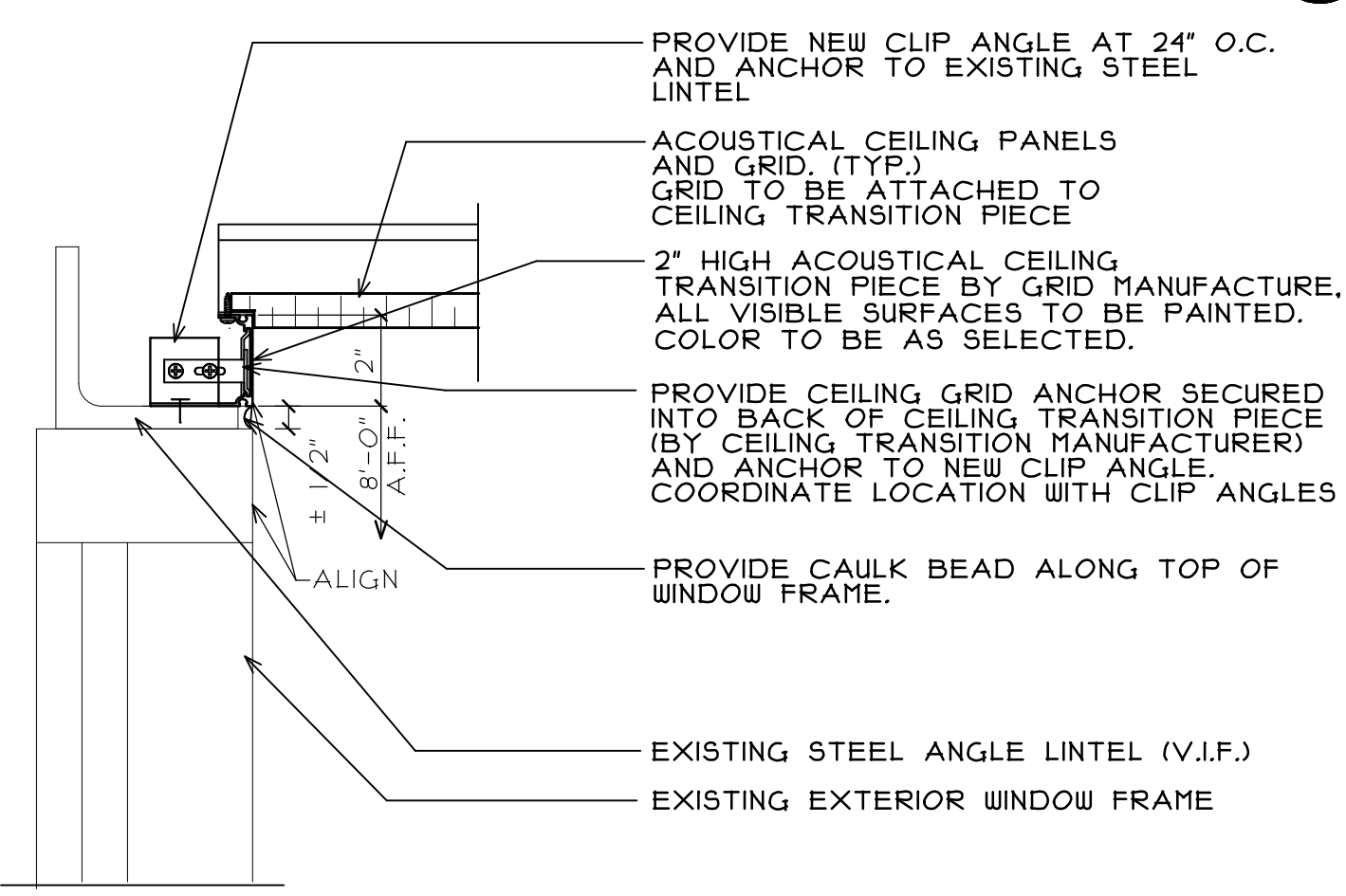
**6**  
**A4** **TYPICAL DETAIL AT TOP OF EXISTING WALLS**  
SCALE: 3" = 1'-0"



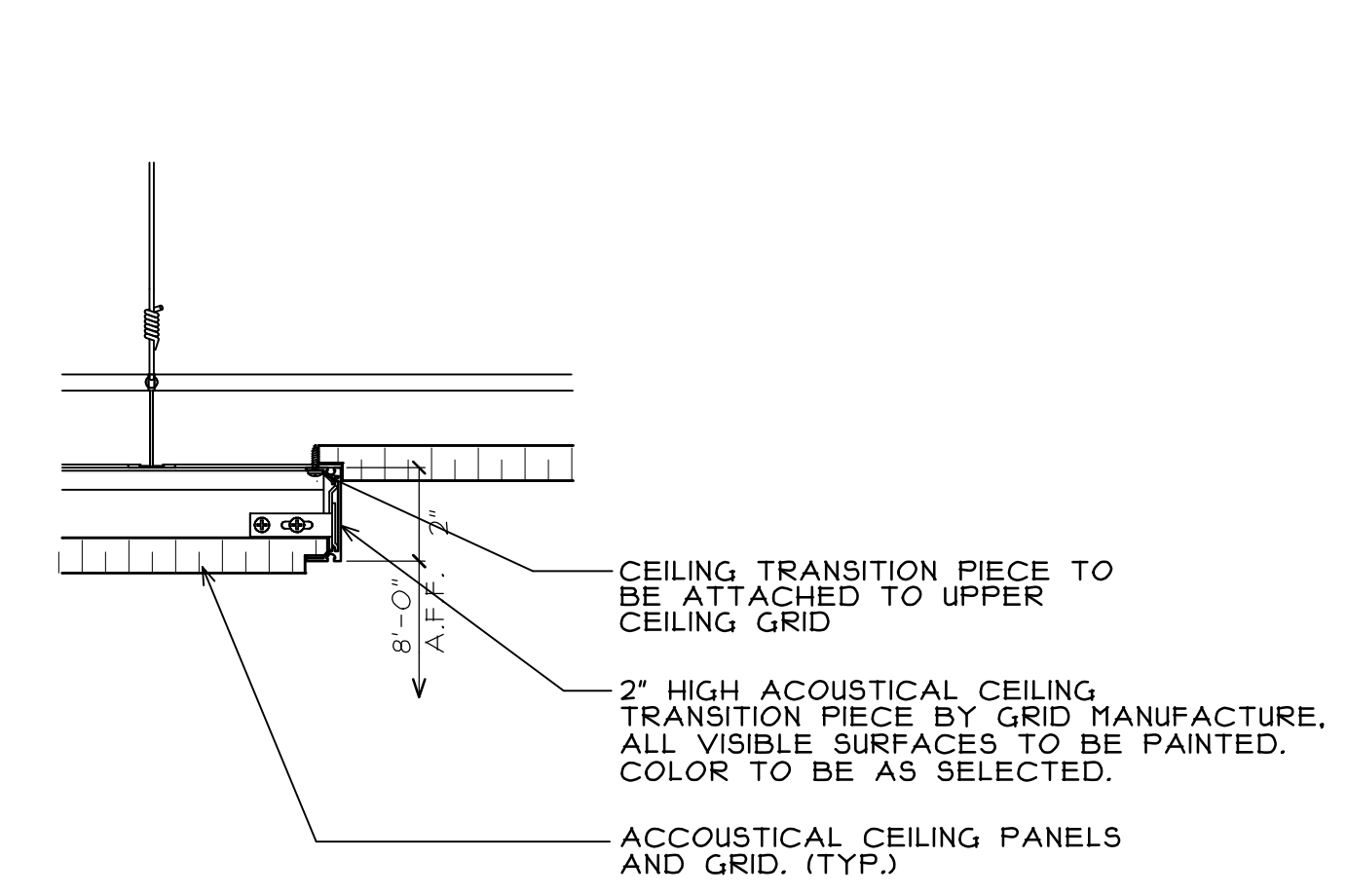
**1**  
**A4** **TYPICAL DETAIL AT TOP OF EXISTING WALLS**  
SCALE: 3" = 1'-0"



**5**  
**A4** **DETAIL AT EXTERIOR WINDOW AND NEW WALL**  
SCALE: 3" = 1'-0"



**9**  
**A4** **DETAIL AT EXTERIOR WINDOW**  
SCALE: 3" = 1'-0"



**8**  
**A4** **DETAIL AT CEILING TRANSITION**  
SCALE: 3" = 1'-0"

P:\JUC-IT TRAINING\DRAWINGS\ARCH\K05-01 A4.AEC

REGISTRATION  
SEAL

stromsland + de young + prybys  
ARCHITECTURE GROUP  
20620 Burr Court - 102  
Joliet, Illinois 60433  
www.sdpagroup.com  
L. N. : 184-000437  
815-727-1311

NUMBER  
SET

**SMART CLASSROOM RENOVATIONS**  
JOLIET JUNIOR COLLEGE  
SECOND FLOOR - BUILDING J  
1215 HOUBOLT ROAD  
JOLIET, ILLINOIS

DATE: 6/24/2015

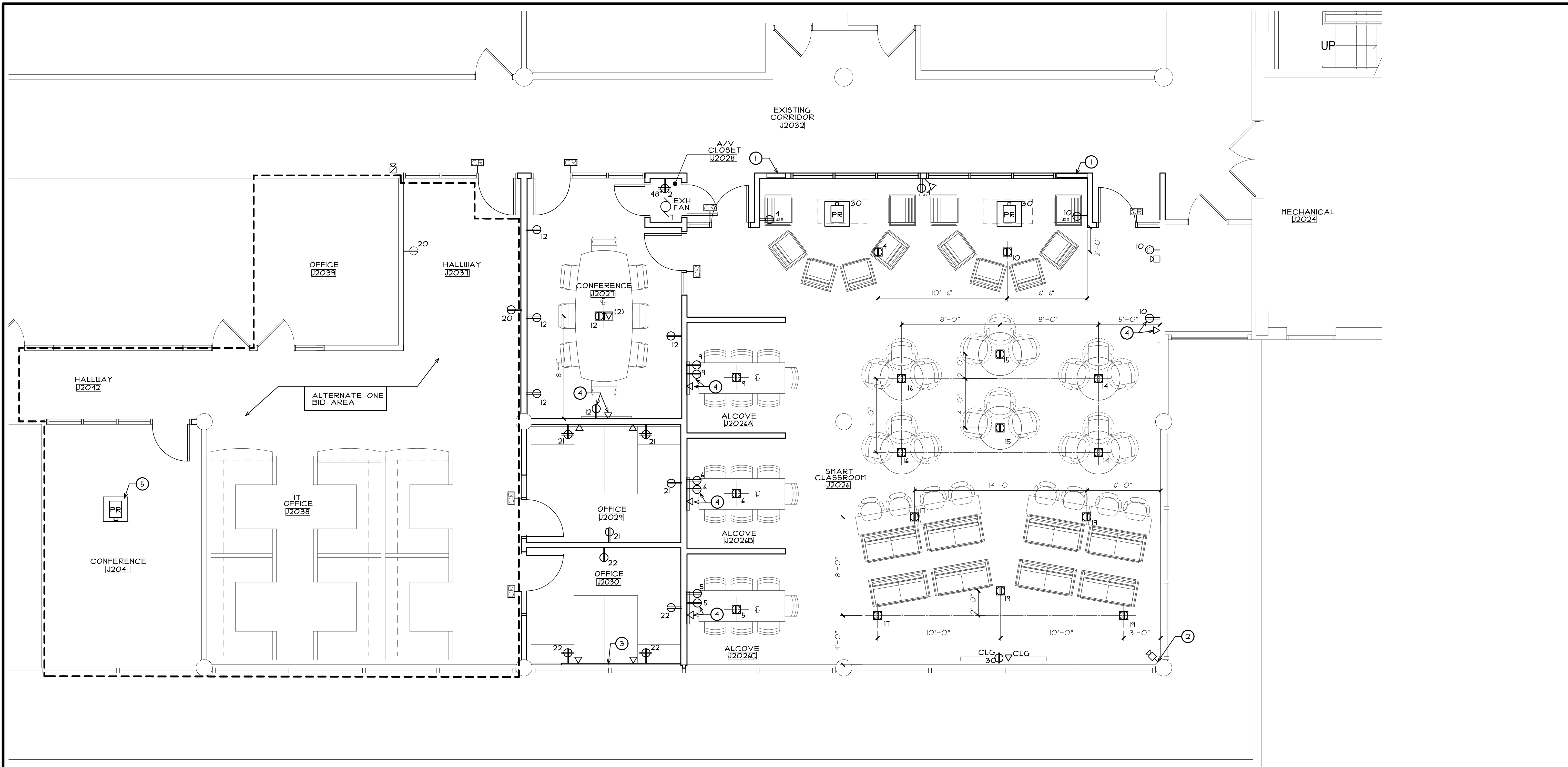
REVISED:

PROJECT NO.  
1409-01

SHEET NUMBER

**A4**  
OF 4 SHEETS





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

**POWER PLAN LEGEND**

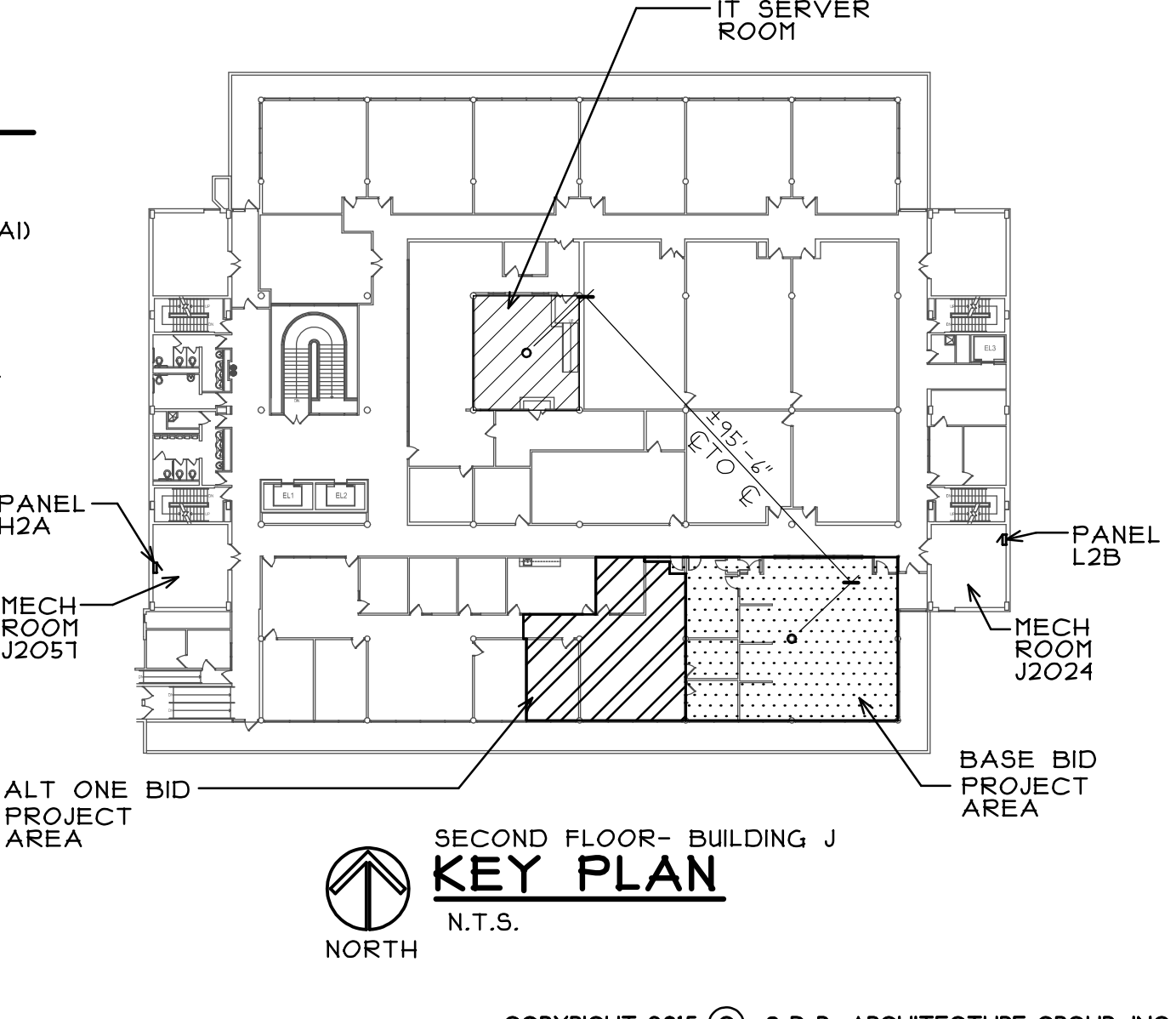
<b>DEVICE COLOR</b>	ALL RECEPTACLE, OUTLET AND COVERPLATE COLORS ARE TO BE VERIFIED TO MATCH FACILITY STANDARDS, UNLESS NOTED OTHERWISE.		PROVIDE NEW RECESSED CLOCK RECEPTACLE MOUNTED AT 24"-6" A.F.F. NEW CLOCK FURNISHED AND INSTALLED BY OWNER'S STAFF (VERIFY EXACT HEIGHT WITH OWNER)
<b>COVER PLATES</b>	ALL RECEPTACLES AND OUTLETS SHALL BE COMPLETE WITH #302 STAINLESS STEEL COVERPLATES TO MATCH FACILITY STANDARDS.		NEW CARD READER LOCATION AT 42" A.F.F. (FURNISHED AND INSTALLED BY OWNER'S STAFF) PROVIDE EMPTY CONDUIT IN FRAME FROM DEVICE LOCATION UP INTO ACCESSIBLE CEILING IN CLASSROOM SPACE
	EXISTING ELECTRICAL DUPLEX TO REMAIN.		PROVIDE NEW DUPLEX OUTLET RECEPTACLE (SPEC GRADE NEMA 5-15R) WITH STAINLESS STEEL COVERPLATE MOUNTED AT 18" A.F.F. U.N.O.
	NEW DUPLEX OUTLET RECEPTACLE (SPEC GRADE NEMA 5-15R) WITH STAINLESS STEEL COVERPLATE MOUNTED AT 18" A.F.F. U.N.O.		NEW QUAD OUTLET RECEPTACLE (SPEC GRADE NEMA 5-15R) WITH STAINLESS STEEL COVERPLATE MOUNTED AT 18" A.F.F. U.N.O.
	NEW FLUSH FLOOR BOX POKE THRU WITH GROUNDED 20A DUPLEX RECEPTACLE AND (1) OR (2) DATA PORTS AS INDICATED. (HUBBELL "SYSTEMONE" 4" FRPT WITH FINISHED ALUMINUM COVER OR APPROVED EQUAL) STUB 1" MIN. DATA CONDUIT TO ACCESSIBLE CEILING BELOW DEVICES AND PROVIDE NEW DATA WIRING FROM DEVICES BACK TO LOCATIONS INDICATED.		NEW LOCATION FOR EXISTING AUDIO/VISUAL FIRE ALARM DEVICE. PROVIDE NEW SINGLE GANG BOX WITH SINGLE PLASTER RING AND 3/4" CONDUIT STUBBED INTO ACCESSIBLE CEILING. MOUNTED AT 80" A.F.F. CONNECT TO EXISTING FIRE ALARM WIRING ABOVE CEILING.
	NEW FLUSH FLOOR BOX POKE THRU WITH GROUNDED 20A DUPLEX RECEPTACLE. (HUBBELL "SYSTEMONE" 4" FRPT WITH FINISHED ALUMINUM COVER OR APPROVED EQUAL)		NEW VISUAL FIRE ALARM DEVICE. (MATCH EXISTING FACILITY STANDARD - EXISTING FIRE ALARM SYSTEM BY HONEYWELL) PROVIDE NEW SINGLE GANG BOX WITH SINGLE PLASTER RING STUBBED TO ACCESSIBLE CEILING. (U.N.O.) MOUNTED AT 80" A.F.F. CONNECT TO EXISTING FIRE ALARM WIRING ABOVE CEILING.
	NEW (2) PORT DATA RECEPTACLE WITH STAINLESS STEEL COVERPLATE. TWO GANG BOX WITH SINGLE PLASTER RING AND 3/4" CONDUIT STUBBED INTO ACCESSIBLE CEILING. MOUNTED AT 18" A.F.F. U.N.O. (PROVIDE NEW DATA WIRING FROM DEVICES TO LOCATIONS INDICATED)		DENOTES NEW AV PROJECTOR MOUNTING PLATE WITH POWER AND DATA PORTS. MOUNTING PLATE FURNISHED BY OWNER AND INSTALLED BY CONTRACTOR. CONNECT EXISTING 120-VOLT WIRING ABOVE CEILING TO POWER PORT IN MOUNTING PLATE. PROVIDE DATA WIRING FROM DEVICES BACK TO LOCATION INDICATED

**GENERAL ELECTRICAL NOTES**

- ALL NEW ELECTRIC RECEPTACLES CONNECT BACK TO EXISTING CIRCUITS AT PANEL "L2B" IN MECH ROOM J2024
- ELECTRICAL CONTRACTOR TO VERIFY EXACT CIRCUITS IN FIELD.
- FURNITURE SHOWN FOR REFERENCE ONLY.
- PROVIDE CORED HOLES FOR NEW FLOOR BOX POKE THRU'S IN EXISTING PRE-STRESSED SLAB AND STUBBED TO CEILING SPACE BELOW. COORDINATE LOCATION WITH FINDINGS FROM FLOOR RADAR SCAN TO AVOID FLOOR REINFORCING. HOLE LOCATIONS SHOULD ALSO BE A MIN. OF 2'-3" OFF COLUMN LINE TO MISSING EXISTING CONCRETE BEAM(V.I.F.)
- PROVIDE NEW DATA WIRING FOR PORT OF ALL NEW DATA DEVICES. NEW WIRING TO BE PLENUM RATED (FANUIT MODEL #4EXH4P24-11H-S-PAN-AP) CAT6 CABLE AND TO BE RUN AS FOLLOWS:
- ALL NEW DATA WIRING FROM DEVICE IN WALLS, FLOOR AND CEILING IN J2024, J2024A, J2024B, J2024C AND J2021 TO BE RUN TO A/V SERVER RACK IN A/V CLOSET J2028 AND PROVIDE 10' CABLE LOOP ON A/V CLOSET END.
- ALL REMAINING NEW DATA WIRING FROM DEVICES IN PROJECT AREA TO BE RUN BACK TO EXISTING IT SERVER ROOM INDICATED. (SEE KEY PLAN FOR LOCATION) ALSO A/V SERVER RACK IN A/V CLOSET J2028 TO BE WIRED BACK TO IT SERVER ROOM. PROVIDE 25' LOOP ON ALL CABLES AT IT SERVER END.
- IF ANY EXISTING CIRCUITS IN PROJECT AREA ARE NOT REUSED WIRING SHOULD BE PROPERLY TERMINATED AT EDGE OF PROJECT AREA AND PROPERLY TERMINATED AT PANEL AND DIRECTORY TO BE UPDATED TO SAY "SPARE" (V.I.F.)

**POWER PLAN KEY NOTES**

- LOCATIONS FOR CONDUITS THROUGH WALL/FLOOR FOR POWER AND DATA WIRING TO FLOOR MOUNTED DEVICES. PROVIDE THROUGH FLOOR PENETRATION SEALANT IN PIPE SPACE WHEN COMPLETE (SEE GENERAL NOTE ON SHEET A1) PROVIDE MINIMUM (2) 2" CONDUITS FOR DATA CABLING.
  - PROVIDE NEW SURFACE MOUNTED WIREMOLD J BOX AND RACEWAY ON FACE OF COLUMN FOR NEW FIRE ALARM DEVICE.
  - PROVIDE NEW WIRE RACE WAY AT LOCATION INDICATED. - WIREMOLD 4000 DIVIDED RACEWAY WITH ALL CONNECTIONS, COVERS, PLATES, ETC. FOR A COMPLETE INSTALLATION FOR REQUIRED DEVICES
  - EXACT HEIGHT OF DUPLEX AND DATA PORT FOR WALL MOUNTED MONITORS TO BE COORDINATED WITH MONITOR PROVIDED BY OWNER.
  - RECONNECT NEW PROJECTOR MOUNT TO EXISTING CIRCUIT AND DATA WIRING ABOVE CEILING. (V.I.F.)
- CONTRACTOR TO PROVIDE "GROUND PENETRATION RADAR" (GPR) INVESTIGATION OF EXISTING FLOOR AREAS IN NEW ROOMS J2024, J2024A, J2024B, J2024C, J2021, J2028, IN A 3'-0" X 3'-0" AREA AROUND NEW FLOOR ELECTRICAL DATA POKE THRU'S AND CONDUIT PENETRATIONS THROUGH FLOOR. THIS INVESTIGATION SHALL LOCATE ALL CABLES, REINFORCING, CONDUITS, ETC. IN SLABS AND BEAMS. PROVIDE FLOOR PLAN LAYOUT OF GPR FINDINGS AND REPORT TO OWNER AND ARCHITECT FOR NEW CONSTRUCTION AND ADJUSTMENT OF NEW FLOOR PENETRATIONS.



REGISTRATION  
UP

stromsland + de young + prybys  
ARCHITECTURE GROUP  
20620 Burl Court - 102  
Joliet, Illinois 60433  
www.sdpgroup.com  
815-727-1311  
L. N. : 184-00437

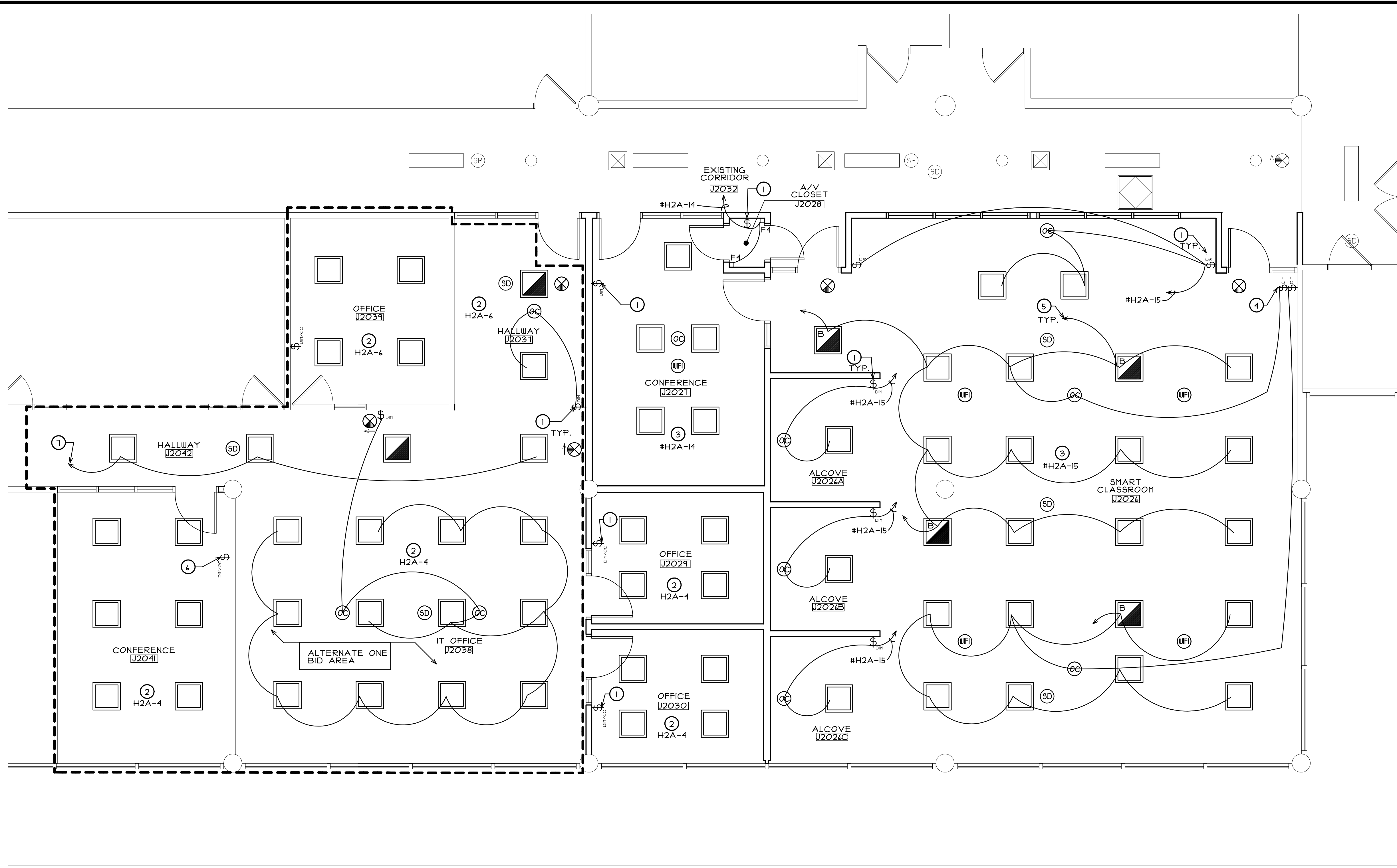
NUMBER  
SET

**SMART CLASSROOM RENOVATIONS**  
JOLIET JUNIOR COLLEGE  
SECOND FLOOR - BUILDING J  
1215 HOUBOLT ROAD  
JOLIET, ILLINOIS

DATE: 6/24/2015  
REVISED:

PROJECT NO.  
1409-01

SHEET NUMBER  
**ME1**  
OF 4 SHEETS



LIGHT FIXTURE SCHEDULE		
TAG	DESCRIPTION	MANUFACTURER
F1	2X2 LAY-IN LED LIGHT FIXTURE	MAXLITE, MAXLED MODEL MLFP22DS404I VERIFY WITH OWNER
F2	2X2 LAY-IN LED LIGHT FIXTURE EMERGENCY LIGHT	SAME AS F1 WITH BATTERY BACKUP
F3	2X2 LAY-IN LED LIGHT FIXTURE EMERGENCY LIGHT	SAME AS F1 WITH BATTERY BACKUP
F4	SURFACE MOUNTED (VERTICAL) LED LIGHT FIXTURE (AT 6'-0" A.F.F. TO TOP OF FIXTURE)	LUMINAIRE LED MODEL JUDGE LVPS22-24-15-4000-211-CP-WHT-OCC VERIFY WITH OWNER
⊗	CEILING MOUNTED EXIT SIGN FIXTURE	ALCO EDGE-GLO EXIT LED WITH BATTERY BACKUP MATCH FACILITY STANDARD

**SCHEDULE GENERAL NOTES**

- ALL LIGHT FIXTURES SHALL BE 211 VOLT, UNLESS NOTED OTHERWISE.
- ALL FIXTURES WIRING SHALL BE APPROVED FOR PLENUM.
- EXIT SIGN & EMERGENCY LIGHTS SHALL BE EQUIPPED WITH BATTERIES SIZED TO CARRY LOAD FOR 1 1/2 HOURS MIN.
- ALL FIXTURES SHALL HAVE CUTS APPROVED BY ARCHITECT BEFORE ORDERING.
- ALL FIXTURES SHALL BE LABELED BY MANUF. FOR MAX WATTS.
- EXIT SIGNS TO HAVE RED LETTERS, VERIFY FACE(S) AND CHEVRONS WITH ARROWS NOTED ON FLOOR PLANS.

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

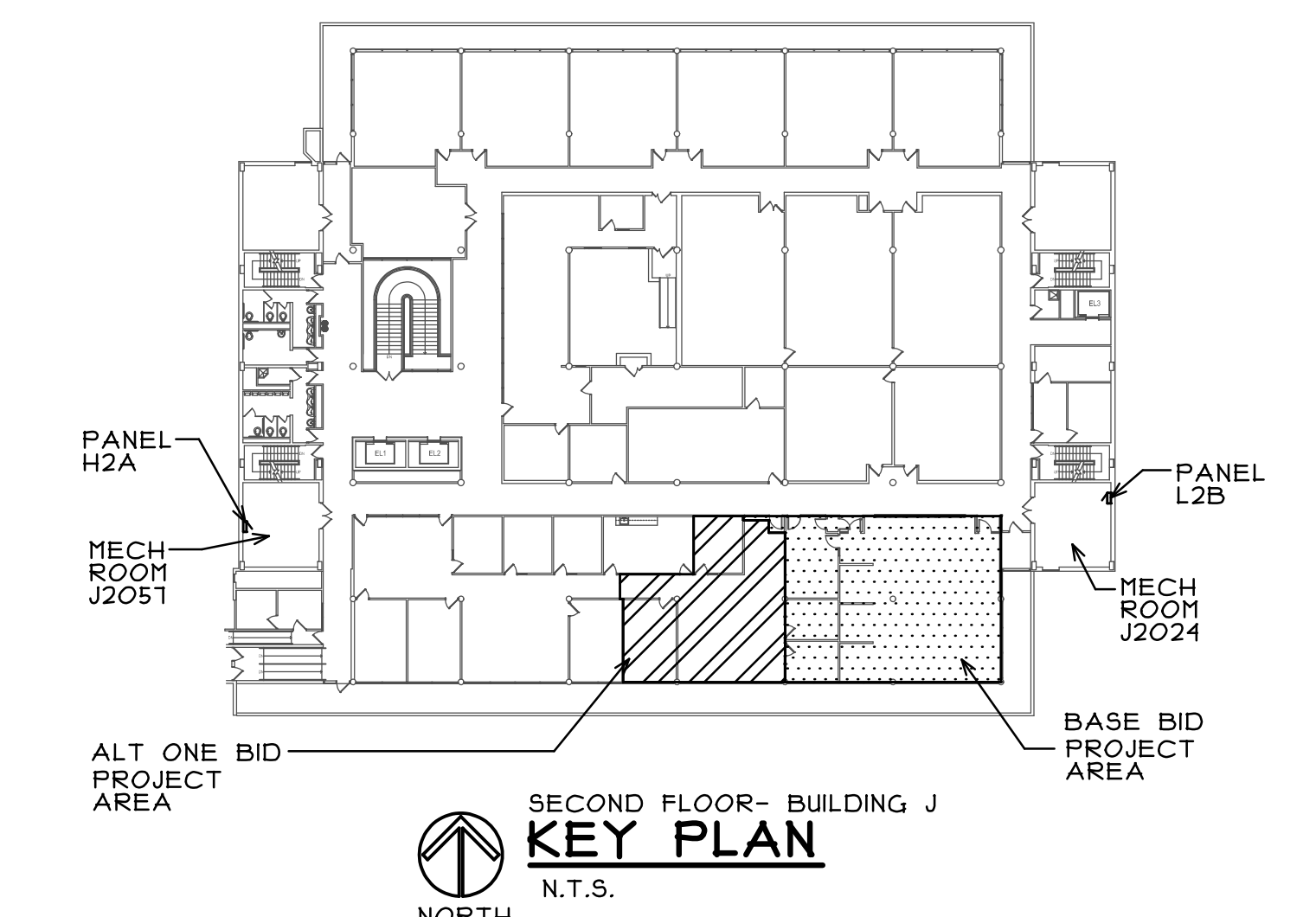
**LIGHTING PLAN LEGEND**

- ALL SWITCHES AND COVERPLATE COLORS ARE TO BE VERIFIED TO MATCH FACILITY STANDARDS, UNLESS NOTED OTHERWISE.
- ALL SWITCHES SHALL BE COMPLETE WITH #302 STAINLESS STEEL COVERPLATES TO MATCH FACILITY STANDARDS.
- DENOTES NEW 2' X 2' LAY-IN LIGHT FIXTURE IN CEILING GRID. ALL 2X2 FIXTURES ARE TYPE "F1" (U.N.O.) SEE LIGHTING FIXTURE SCHEDULE.
- DENOTES NEW 2' X 2' LAY-IN LIGHT FIXTURE WITH BATTERY BACKUP IN CEILING GRID. CONNECT TO EXISTING EMERGENCY LIGHTING CIRCUITS. FIXTURES ARE TYPE "F2" SEE LIGHTING FIXTURE SCHEDULE. (FIXTURE ALWAYS "ON" AS NITE-LITE)
- DENOTES NEW 2' X 2' LAY-IN LIGHT FIXTURE WITH SWITCHING AND NON-SWITCHED FEED TO BATTERY. FIXTURES ARE TYPE "F3" SEE LIGHTING FIXTURE SCHEDULE. (BATTERY "ON" WITH POWER LOSS ONLY)
- DENOTES NEW WALL MOUNTED 2' STRIP LIGHT FIXTURE. SEE LIGHTING FIXTURE SCHEDULE.
- DENOTES NEW CEILING MOUNTED OCCUPANCY SENSOR, FURNISHED BY OWNER, FOR CONTROL OF ROOM LIGHTING.
- DENOTES NEW CEILING MOUNTED WIFI ANTENNA, FURNISHED BY OWNER. PROVIDE DATA WIRING BACK TO A/V CLOSET J2028. - SEE GENERAL NOTES ON SHEET ME1

- DENOTES NEW CEILING MOUNTED SMOKE DETECTOR. RECONNECT TO EXISTING FIRE ALARM SYSTEM WIRING. (V.I.F.) SYSTEM TO BE RECONFIGURED FOR TWO ADDITIONAL DEVICES. EXISTING FIRE ALARM SYSTEM IS HONEYWELL - DETECTORS SHALL COMPLY WITH EXISTING SYSTEM AND AREA COVERAGE FOR PROTECTION)
  - DENOTES NEW EXIT SIGN. CONNECT TO EXISTING EMERGENCY LIGHTING CIRCUITS. V.I.F. SEE LIGHTING FIXTURE SCHEDULE.
  - DENOTES NEW SINGLE POLE SLIDE DIMMER SWITCH, FURNISHED BY OWNER WITH NEW COVERPLATE. COORDINATE COVERPLATE SIZE AND LAYOUT WITH NUMBER OF DEVICES.
  - DENOTES NEW SINGLE POLE SLIDE DIMMER SWITCH WITH OCCUPANCY SENSOR, FURNISHED BY OWNER, WITH NEW COVERPLATE. AT EXISTING LOCATIONS COORDINATE COVERPLATE SIZE AND LAYOUT WITH NUMBER OF DEVICES AND EXISTING BOX. V.I.F.
  - DENOTES NEW THREE WAY SLIDE DIMMER SWITCH, FURNISHED BY OWNER, WITH NEW COVERPLATE.
- LIGHTING PLAN GENERAL NOTES**
- A. CONTRACTOR TO PROVIDE 2 NEW MATCHING 20 AMP CIRCUIT BREAKERS IN EXISTING SPACES (14 & 15) OF 211V, PANEL "H2A" IN MECHANICAL ROOM J2051. V.I.F. EXTEND NEW WIRING FROM BREAKERS TO NEW ROOM LOCATIONS FOR LIGHTING FIXTURES. FULL THROUGH EXISTING/NEW CONDUITS AS NEEDED. V.I.F.

**LIGHTING PLAN KEY NOTES**

- NEW SWITCH LOCATION: PROVIDE SINGLE GANG J-BOX WITH SINGLE PLASTER RING AND CONDUIT/FLEX CONNECTED TO EXISTING RACEWAY IN CEILING. MOUNTING HEIGHT TO MATCH EXISTING. V.I.F.
- NEW LIGHT FIXTURES AND WALL SWITCH TO BE FURNISHED BY OWNER AND INSTALLED BY CONTRACTOR. VERIFY REQUIRED WIRING WITH FIXTURE MANUFACTURER, POWER FROM INDICATED EXISTING 211-VOLT CCT.
- NEW LIGHT FIXTURES, OCCUPANCY SENSOR(S), AND WALL SWITCH TO BE FURNISHED BY OWNER AND INSTALLED BY CONTRACTOR. VERIFY REQUIRED WIRING WITH FIXTURE MANUFACTURER, POWER FROM INDICATED EXISTING 211-VOLT CCT.
- NEW SWITCH LOCATION: PROVIDE DOUBLE GANG J-BOX WITH DOUBLE PLASTER RING AND CONDUIT/FLEX CONNECTED TO RACEWAY IN CEILING. MOUNTING HEIGHT TO MATCH EXISTING. V.I.F.
- PROVIDE NON-SWITCHED FEED TO BATTERY BACKUP FROM LOCAL LIGHTING CIRCUIT - COORDINATE IN FIELD
- PROVIDE NEW COMBINATION COVER PLATE TO MATCH EXISTING FACILITY STANDARDS. (SWITCH/BLANK/V.I.F.)
- CONNECT NEW LIGHT FIXTURES TO EXISTING ROOM SWITCHING. COORDINATE IN FIELD.



P: JJC- IT TRAINING DRAWINGS ARCH-H09-01 ME2AEC

**SMART CLASSROOM RENOVATIONS**  
JOLIET JUNIOR COLLEGE  
SECOND FLOOR - BUILDING J  
1215 HOBOLT ROAD  
JOLIET, ILLINOIS

DATE: 6/24/2015  
REVISED:  
PROJECT NO. 1409-01  
SHEET NUMBER  
**ME2**  
OF 4 SHEETS

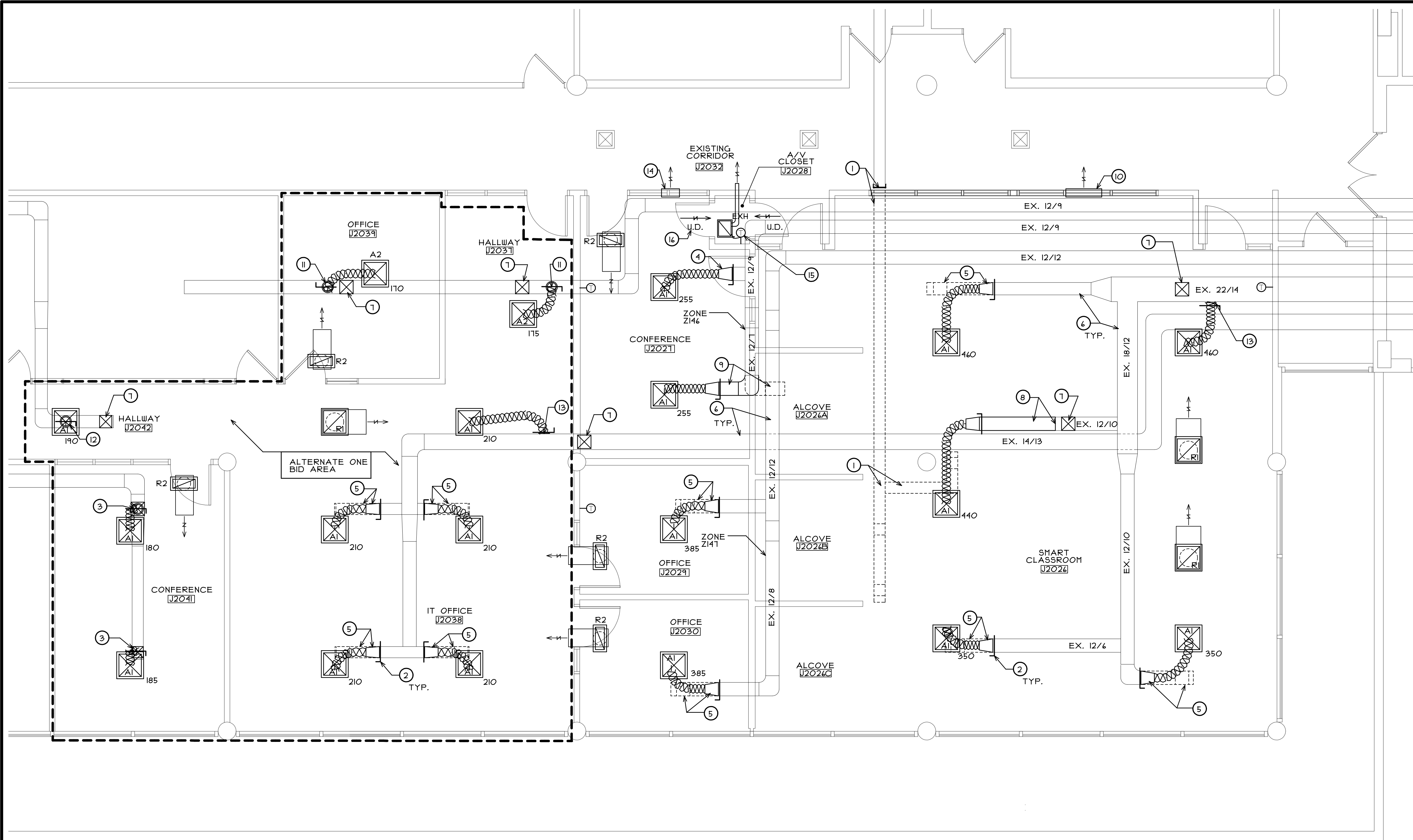
COPYRIGHT 2015 © S D P ARCHITECTURE GROUP, INC.

stromsland + de young + prybys  
ARCHITECTURE GROUP  
20620 Burl Court - 102  
Joliet, Illinois 60433  
www.sdfgroup.com  
815-727-1311  
L.N.: 164-00437

REGISTRATION  
SEAL

**MECHANICAL PLAN  
GENERAL NOTES**

- A. AIR FLOWS SHOWN AT NEW SUPPLY LOCATIONS ARE RECOMMENDED AIR FLOWS BASED ON NUMBER OF PEOPLE IN ROOM.
- B. MECHANICAL CONTRACTOR TO VERIFY EXISTING AIR FLOWS. IF EXISTING AIR FLOWS DON'T MEET RECOMMENDED AIR FLOWS OR MINIMUM PER CODE RECOMMENDED AIR FLOW OR CODE MINIMUM COORDINATE WITH OWNER FOR WHICH DIRECTION TO PROCEED.
- C. EXISTING DUCT SIZES ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR TO VERIFY EXACT SIZE.
- D. WORK ON EXISTING DUCT WORK THAT FEEDS AREAS NOT IN THIS PROJECT SHOULD BE KEPT OPERATIONAL AS LONG AS POSSIBLE. DOWN TIME SHOULD BE COORDINATED WITH OWNER.



**PARTIAL MECHANICAL PLAN**

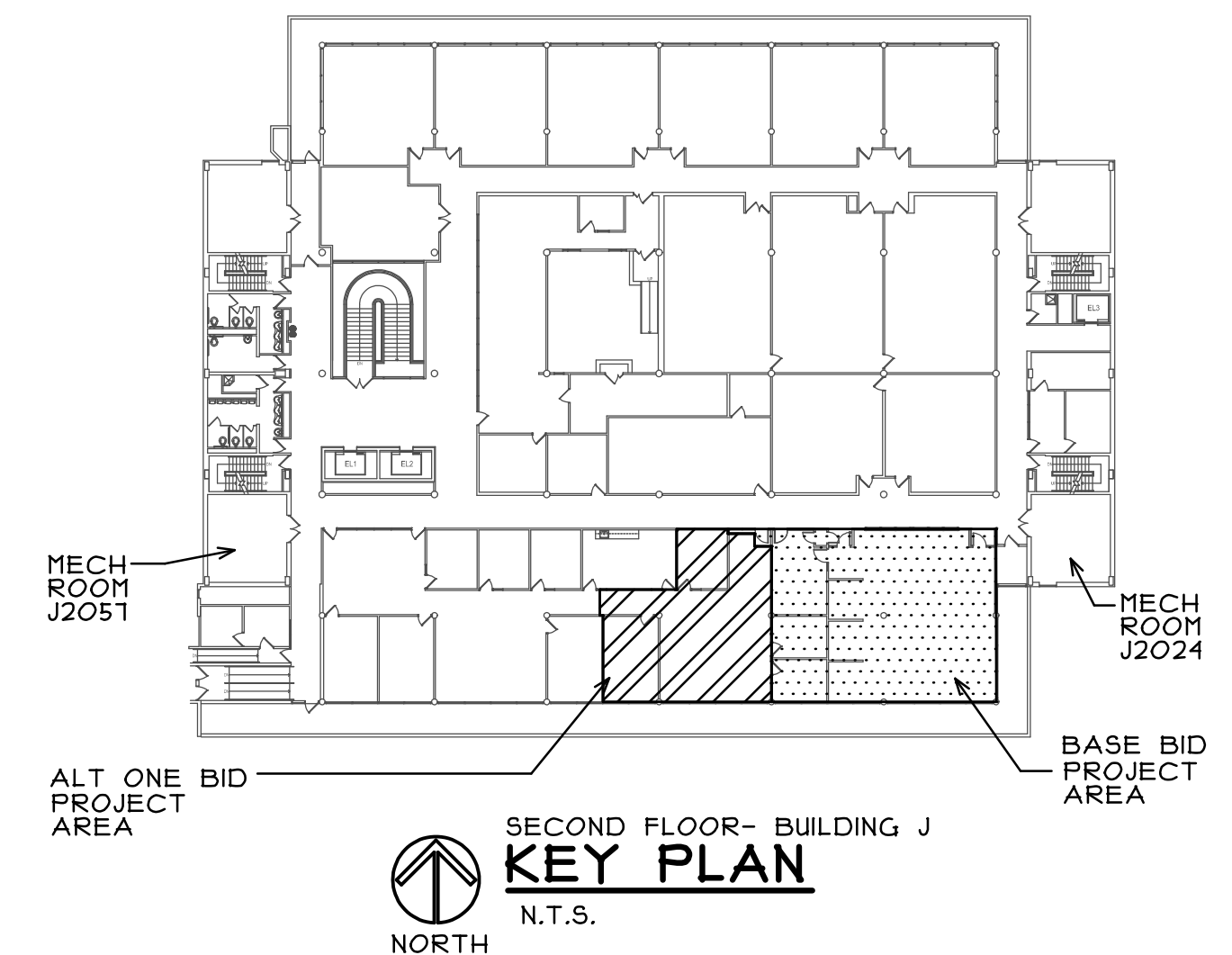
SCALE: 1/4" = 1'-0"

**MECHANICAL PLAN LEGEND**

- DENOTES 2' X 2' LAY-IN HVAC SUPPLY DIFFUSER AND REQUIRED AIR FLOW. PROVIDE NEW 8" FLEX DUCT FROM EXISTING DUCT TO NEW LOCATION AND CONNECT TO NEW DIFFUSER. SEE DIFFUSER/REGISTER SCHEDULE.
- DENOTES 2' X 2' LAY-IN HVAC RETURN GRILLE. PROVIDE NEW LINED ELBOW DUCTWORK PER DETAIL 1 ON SHEET ME4. SEE DIFFUSER/REGISTER SCHEDULE.
- DENOTES 1' X 2' LAY-IN HVAC RETURN GRILLE. PROVIDE NEW LINED ELBOW DUCTWORK PER DETAIL 1 ON SHEET ME4. SEE DIFFUSER/REGISTER SCHEDULE.
- DENOTES NEW RECESSED EXHAUST FAN. DISCHARGE TO BE DUCTED TO RETURN AIR PLENUM ABOVE CORRIDOR CEILING.
- NEW LOCATION FOR EXISTING HVAC SYSTEM THERMOSTAT. EXTEND WIRING TO NEW LOCATION. MOUNTED AT 48" A.F.F. (U.N.O.)

**MECHANICAL PLAN KEY NOTES**

- 1 EXISTING EXHAUST DUCTWORK AND HANGERS TO BE REMOVED BACK TO OUTSIDE OF PROJECT AREA, PROPERLY CAP EXISTING DUCT TO REMAIN. (V.I.F.)
- 2 PROVIDE NEW VOLUME CONTROL DAMPER AT END OF RIGID DUCT PRIOR TO FLEX DUCT CONNECTION
- 3 PATCH EXISTING RIGID DUCT TO REMAIN AT LOCATION OF REMOVED RIGID DIFFUSER CONNECTION AND PROVIDE NEW TAKE OFF FOR NEW FLEX DUCT CONNECTION. (V.I.F.)
- 4 EXISTING FLEX DUCT CONNECTION TO BE REMOVED AND REPLACED WITH NEW TRANSITION FOR NEW FLEX DUCT CONNECTION. (V.I.F.)
- 5 REMOVE PORTION OF EXISTING RIGID DUCTWORK AS SHOWN AND PROVIDE NEW TRANSITION ON END OF EXISTING DUCT TO REMAIN FOR NEW FLEX DUCT CONNECTION. (V.I.F.)
- 6 EXISTING RIGID DUCT TO REMAIN. (V.I.F.)
- 7 PATCH EXISTING RIGID DUCT TO REMAIN AT LOCATION OF REMOVED RIGID DIFFUSER CONNECTION. (V.I.F.)
- 8 REMOVE END PLATE OF EXISTING RIGID DUCT EXTEND DUCT (AS REQUIRED TO BE WITHIN 5' OF NEW DIFFUSER LOCATION) WITH NEW RIGID METAL DUCT (SIZE TO MATCH EXISTING) AND PROVIDE NEW TRANSITION FOR FLEX DUCT CONNECTION. (VERIFY EXISTING DUCT SIZE IN FIELD)
- 9 EXISTING DUCT TRANSITION TO BE REMOVED. EXISTING DUCT ELBOW WITH PORTION OF EXISTING RIGID DUCT TO BE REMOVED AND REINSTALLED IN NEW LAYOUT POSITION. PROVIDE NEW TRANSITION FOR NEW FLEX DUCT CONNECTION. (V.I.F.)
- 10 COORDINATE LOCATION OF OPEN WALL SPACE ABOVE CEILING (425 SQ.IN.) FOR RETURN AIR TO GET TO EXISTING RETURN AIR PLENUM. (V.I.F.)
- 11 TAP TOP OF EXISTING RIGID DUCT AND PROVIDE TAKEOFF FITTING FOR NEW FLEX DUCT. (V.I.F.)
- 12 TAP BOTTOM OF EXISTING RIGID DUCT AND PROVIDE TAKEOFF FITTING FOR NEW FLEX DUCT. (V.I.F.)
- 13 TAP SIDE OF EXISTING RIGID DUCT AND PROVIDE TAKEOFF FITTING FOR NEW FLEX DUCT. (V.I.F.)
- 14 COORDINATE LOCATION OF OPEN WALL SPACE ABOVE CEILING (165 SQ.IN.) FOR RETURN AIR TO GET TO EXISTING RETURN AIR PLENUM. (V.I.F.)
- 15 PROVIDE NEW CONTROL THERMOSTAT FOR NEW EXHAUST FAN SET AT 16" MOUNTED AT 48" A.F.F.
- 16 A/V CLOSET DOORS TO HAVE 1" CLEAR UNDERCUT FOR MAKEUP AIR



**KEY PLAN**  
N.T.S.

REGISTRATION

SEAL

stromsland + de young + prybys  
ARCHITECTURE GROUP  
20620 Burl Court - 102  
Joliet, Illinois 60433  
www.sdpgroup.com  
815-727-1311  
L. N. : 184-00437

NUMBER

SET

**SMART CLASSROOM RENOVATIONS**  
JOLIET JUNIOR COLLEGE  
SECOND FLOOR - BUILDING J  
1215 HOUBOLT ROAD  
JOLIET, ILLINOIS

DATE: 6/24/2015

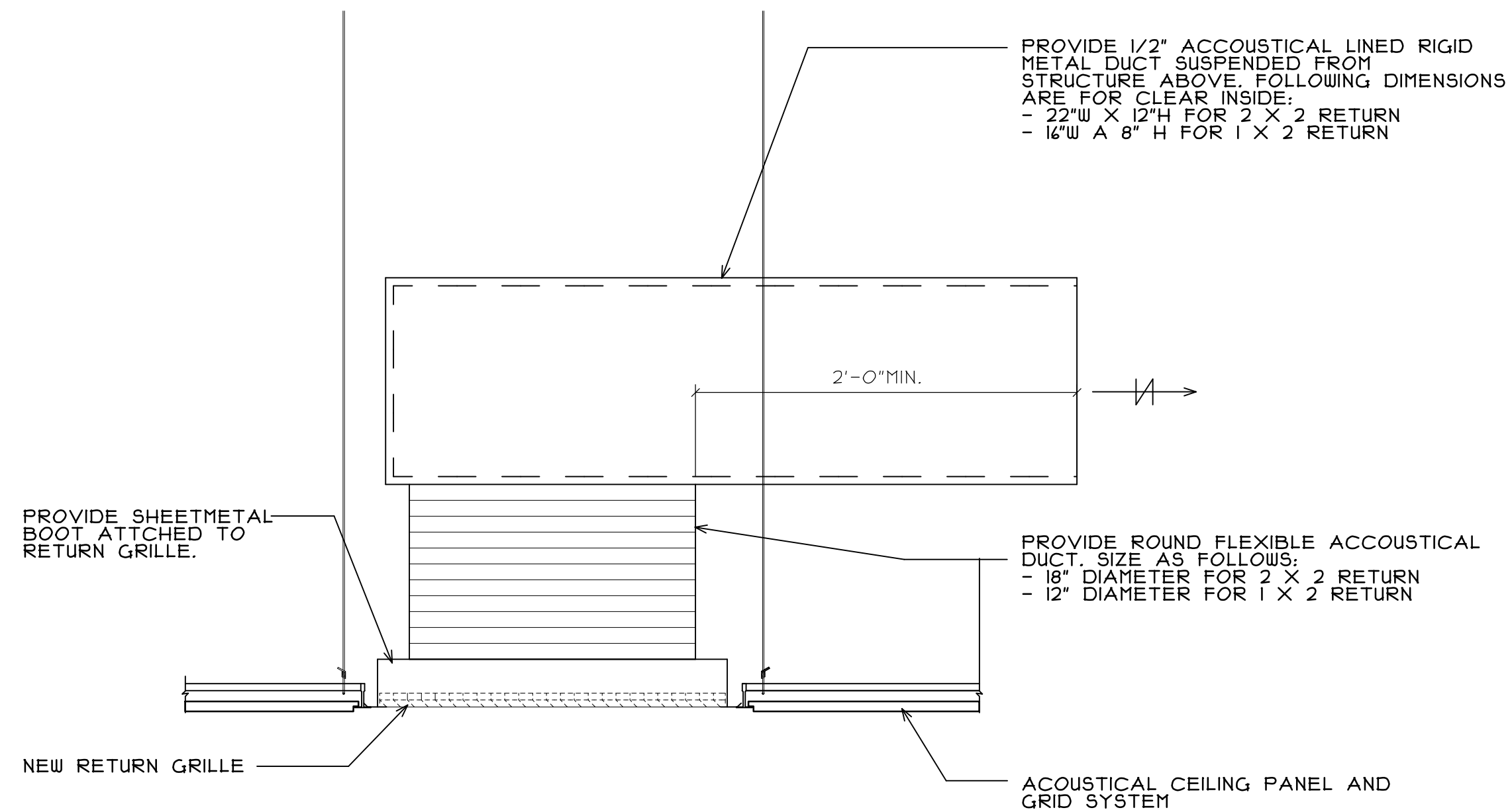
REVISED:

PROJECT NO.  
1409-01

SHEET NUMBER

**ME3**

OF 4 SHEETS



**DETAIL FOR LINED ELBOW AT RETURN GRILLES**  
 ME4 SCALE: 1 1/2" = 1'-0"

DIFFUSER/REGISTER SCHEDULE		
TAG	DESCRIPTION	MANUFACTURER
A1	SUPPLY DIFFUSER, 2X2 LAY-IN PANEL, 4-WAY BLOW, 8" DIA. NECK, O.B.D. CONTROL	NAILOR, "UNI" STEEL
A2	SUPPLY DIFFUSER, 2X2 LAY-IN PANEL, 4-WAY BLOW, 6" DIA. NECK, O.B.D. CONTROL	NAILOR, "UNI" STEEL
RI	RETURN GRILLE, 2X2 LAY-IN PANEL, FRAME TYPE L, FIXED 45° BLADE DEFLECTION	NAILOR, #445H, STEEL
R2	RETURN GRILLE, 2X1 LAY-IN PANEL, FRAME TYPE L, FIXED 45° BLADE DEFLECTION	NAILOR, #445H, STEEL
EXH	RECESSED EXHAUST FAN	GREEN HECK EXHAUST FAN MODEL SPA-200; 220 CFM; 125 ESPFT.S; 400 RPM; 120V-1P 48 WATTS

**SCHEDULE GENERAL NOTES**

- ALL AIR INLETS AND OUTLETS TO BE IN MANUFACTURER'S STANDARD WHITE FINISH.

**MECHANICAL GENERAL NOTES**

- CONTRACTOR SHALL VISIT SITE PRIOR TO BID AND VERIFY ALL EXISTING SYSTEMS TO DETERMINE EXTENT OF DEMOLITION WORK. ANY ITEMS NOT SPECIFICALLY INDICATED ON DRAWINGS THAT ARE IN CONFLICT WITH CONTRACT WORK SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO BID FOR A CLARIFICATION.
- CONTRACTOR SHALL VERIFY ALL EXISTING SERVICES PRIOR TO START OF NEW CONSTRUCTION. COORDINATE AND ADJUST NEW WORK AS REQUIRED TO AVOID CONFLICTS WITH EXISTING SERVICES.
- REMOVE EXISTING THERMOSTATS, CLEAN, CHECK, CALIBRATE AND RELOCATE THERMOSTAT AS INDICATED. VERIFY EXACT LOCATION AND QUANTITY OF EXISTING THERMOSTATS IN FIELD.
- VERIFY EXACT THERMOSTAT LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION. ALL THERMOSTATS TO BE MOUNTED AT HEIGHT TO MATCH EXISTING V.I.F.
- COORDINATE EXACT LOCATION OF ALL CEILING DIFFUSERS AND REGISTERS WITH LIGHTING LAYOUT AND CEILING GRID. SEE ARCHITECTURAL REFLECTED CEILING PLAN. VERIFY EXACT LOCATIONS WITH ARCHITECT IN FIELD PRIOR TO INSTALLATION.
- ALL BRANCH SUPPLY AND EXHAUST DUCTS TO HAVE MANUAL BALANCING DAMPERS.
- LAYOUT IS DIAGRAMMATIC AND CONTRACTOR SHALL INSTALL EQUIPMENT, AND DUCTWORK TO MEET FIELD CONDITIONS.
- WORK AREA HAS RETURN AIR PLENUM CEILING.
- ALL DUCTWORK (UNLESS NOTED OTHERWISE) SHALL BE CONSTRUCTED OF NEW PRIME GRADE GALVANIZED SHEET STEEL, MANUFACTURED IN ACCORDANCE WITH ASTM A525 STANDARDS FOR HOT DIP GALVANIZED SHEET. COATING WEIGHT SHALL NOT BE LESS THAN 1.25 OUNCES PER SQUARE FOOT WHERE USED IN NORMAL APPLICATIONS. SHEETS HAVING COATING THAT WILL FLAKE OR PEEL UNDER ANY FORMING OPERATION WILL NOT BE ALLOWED. DUCTWORK SHALL BE OF THE GAUGE AND PROVIDED WITH THE RECOMMENDED REINFORCEMENT AS OUTLINED IN THE MOST CURRENT SMACNA "HVAC DUCT CONSTRUCTION STANDARDS" FOR THE SPECIFIED SYSTEM OPERATING PRESSURE.
- FINAL CONNECTION TO DIFFUSERS SHALL BE FLEXIBLE ACOUSTIC DUCT AS MANUFACTURED BY CLEVEPAK CORPORATION OR APPROVED EQUAL. (CHICAGO REPRESENTATIVE VESCO VENTILATION EQUIPMENT SALES COMPANY). THE DUCT SHALL HAVE AN INNER CORE OF PERFORATED SINGLE-PLY ALUMINUM COVERED BY 1" THICK FIBERGLASS AT 3/4 LBS. DENSITY AND SHEATHED WITH AN AIRTIGHT REINFORCED ALUMINUM FOIL SKIN SERVING AS A VAPOR BARRIER. FLEXIBLE DUCT SHALL BE 5'-0" MAXIMUM IN LENGTH.
- A CERTIFIED TEST AND BALANCE ENGINEER SHALL BALANCE/REBALANCE NEW AND EXISTING EXHAUST AND AIR DISTRIBUTION SYSTEMS IN THE REMODELED AREA TO DESIGN QUANTITIES INDICATED. WORK SHALL NOT BEGIN UNTIL ALL SYSTEMS ARE IN FULL WORKING ORDER. UPON COMPLETION OF THE WORK ALL INFORMATION SHALL BE NEATLY TYPED AND SUBMITTED IN A COMPLETE TEST AND BALANCE REPORT FOR REVIEW AND APPROVAL OF THE ARCHITECT.
- REMOVE EXISTING DUCTWORK AS REQUIRED. DUCTWORK IS BEING RE-ROUTED OR ABANDONED TO MEET NEW DESIGN. FIELD VERIFY AMOUNT OF EXISTING DUCTWORK TO BE REMOVED PRIOR TO BID.

**ELECTRICAL SPECIFICATIONS**

- GENERAL REQUIREMENTS
  - THE ARCHITECT'S GENERAL CONDITIONS FORM A PART OF THIS SPECIFICATION AND WHERE APPLICABLE, SHALL GOVERN ALL WORK. ALL NOTES ON THE DRAWINGS SHALL ALSO APPLY.
- SCOPE OF CONTRACT
  - WORK INCLUDED:
    - THE WORK INCLUDED UNDER THE ELECTRICAL CONTRACT SHALL BE THE FURNISHING OF ALL TRANSPORTATION, LABOR, MATERIALS, SERVICES, PROTECTION, SCAFFOLDING, APPARATUS AND UTENSILS NECESSARY FOR THE PERFORMANCE OF ALL WORK SHOWN ON THE ELECTRICAL WIRING DRAWINGS AND DEFINED AND DESCRIBED IN THE ELECTRICAL WIRING SPECIFICATIONS.
    - THE CONTRACTOR MUST EXAMINE THE SPECIFICATIONS FOR GENERAL CONTRACT WORK AS WELL AS ALL OTHER WORK CLASSIFICATIONS TO BE CERTAIN OF THE EXPLICIT EXTENT OF THE WORK INCLUDED IN HIS OWN CLASSIFICATION.
    - THE FOLLOWING LIST OF ITEMS IS INTENDED AS A GUIDE ONLY AND DOES NOT NECESSARILY LIST ALL ITEMS OF WORK SHOWN ON THE DRAWINGS OR SPECIFIED HEREIN:
      - ALL LIGHTING FEEDERS, FEEDERS TO MOTORS AND POWER PANELS AS SHOWN ON PLANS.
      - ALL LIGHTING BRANCH WIRING COMPLETE AS SHOWN.
- LAWS AND ORDINANCES
  - THIS CONTRACTOR SHALL COMPLY WITH THE ELECTRICAL CODE AND ALL ORDINANCES OF THE LOCAL AND ALL STATE LAWS; THE PUBLISHED RULES, REGULATIONS AND REQUIREMENTS OF THE NATIONAL ELECTRIC CODE AND ALL OTHER DULY CONSTITUTED CODES.
  - THIS CONTRACTOR HEREBY BINDS HIMSELF TO PROTECT THE OWNER AND THE ARCHITECT-ENGINEER AND SAVE THEM HARMLESS FROM ALL DAMAGES ARISING FROM VIOLATION OF PUBLIC ORDINANCES, LAWS, RULES, REGULATIONS AND REQUIREMENTS OF ANY KIND, RESULTING FROM HIS OPERATIONS UNDER THIS CONTRACT.
- TIME OF ERECTION AND COMPLETION
  - THIS CONTRACTOR WILL BE EXPECTED TO FURNISH ALL EQUIPMENT AND MATERIALS PROMPTLY AND SHALL PROCEED WITH THE WORK WITHOUT DELAY TO MEET THE CONSTRUCTION PROGRAM. AS TIME IS THE ESSENCE OF THE CONTRACT, THIS CONTRACTOR SHALL PROVIDE AN ADEQUATE PLANT AND ORGANIZATION TO PROSECUTE THE WORK TO COMPLETION WITH THE UTMOST DISPATCH AND WITHIN THE SPECIFIED CONTRACT TIME.
- CONDUIT AND RACEWAYS
  - ONLY CONDUIT ABOVE FALSE CEILING & IN WALLS SHALL BE ELECTRIC METALLIC TUBING AS MANUFACTURED BY YOUNGSTOWN, TRIANGLE REPUBLIC OR ALLIED SHEET & TUBE.
  - CONDUIT FITTINGS SHALL BE COMPRESSION TYPE AS MANUFACTURED BY APFLETON OR THOMAS & BETTS.
  - FOR CONDUITS 1/4" AND LARGER, INSULATING BUSHINGS SHALL BE USED- THOMAS & BETTS COMPANY OR APFLETON ELECTRIC PRODUCTS COMPANY.
  - SIZE OF CONDUIT SHALL COMPLY WITH CODE REQUIREMENTS FOR TYPE OF WIRE AND CABLE USED EXCEPT THAT NO CONDUIT SMALLER THAN 1" FOR HOMERUNS SHALL BE INSTALLED IN SLABS, ALL OTHERS 3/4" MIN.
  - FURNISH AND INSTALL ALL RACEWAYS FOR TELEPHONE, CRTs, AND BRANCH WIRING AS REQUIRED.
  - CONDUITS SHALL NOT BE SUPPORTED FROM DROPPED CEILING SYSTEMS OR PIPING/ MECHANICAL DUCT SYSTEMS.
- OUTLET BOXES
  - EACH SWITCH, LIGHT, RECEPTACLE AND OTHER MISCELLANEOUS DEVICE SHALL BE PROVIDED WITH A GALVANIZED OR PRESSED STEEL OUTLET BOX OF THE KNOCKOUT TYPE, OF NOT LESS THAN No. 14 U.S. GAUGE STEEL. CONDUITS SHALL BE FASTENED WITH LOCKNUTS AND BUSHINGS AND ALL UNUSED KNOCKOUTS MUST BE LEFT SEALED. THERE MUST BE SUFFICIENT ROOM FOR WIRES AND BUSHINGS AND DEEP BOXES SHALL BE INSTALLED WHERE REQUIRED. BOXES SHALL BE SECURELY AND ADEQUATELY SUPPORTED.
- CABLE AND WIRE
  - ALL CABLE AND WIRE FOR POWER AND LIGHT SHALL BE 600 VOLT & INSTALLED IN CONDUIT EXCEPT AS OTHERWISE SPECIFIED HEREIN AND SHALL BE OF TYPE AS SPECIFIED HEREINAFTER UNLESS OTHERWISE SHOWN ON DRAWINGS.
  - CABLE AND WIRE FOR FEEDERS SHALL BE THIN INSULATED, CONFORMING TO ALL THE REQUIREMENTS OF FEDERAL SPECIFICATIONS J-C 124C.
  - WIRE FOR BRANCH WIRING INSTALLED IN WIRING SPACE OF FLUORESCENT LIGHTING FIXTURES SHALL BE HEAT-RESISTANT THERMOPLASTIC 90°C INSULATION, TYPE THHN.
  - ALL WIRE SHALL BE PURE COPPER OF SIZE NOTED ON DRAWINGS. COPPER SHALL HAVE 98% CONDUCTIVITY.
  - WIRE, EXCEPT AS OTHERWISE NOTED, SHALL NOT BE LESS THAN No. 12 AWG AND WIRE OF No. 8 AWG AND LARGER SHALL BE STRANDED.
- LIGHTING FIXTURES, LAMPS AND SUPPORTS
  - PROVIDE PROPER SUPPORT FOR ALL LIGHTING FIXTURES. DROPPED CEILING SYSTEM SHALL NOT BE USED TO SUPPORT LIGHT FIXTURES, INCLUDE IN BID ALL MATERIALS REQUIRED.
  - FURNISH AND INSTALL ALL LAMPS AS REQUIRED.
- GUARANTEE
  - ALL WORK SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE BY THE ARCHITECT-ENGINEER. CONTRACTOR SHALL REPLACE ALL DEFECTIVE MATERIALS OR CORRECT POOR WORKMANSHIP AT NO COST TO THE OWNER-ARCHITECT-ENGINEER.
- IT SHALL BE THE ELECTRICAL CONTRACTORS RESPONSIBILITY TO NOTIFY THE ARCHITECT OF ANY CODE VIOLATIONS, ERRORS, OMISSIONS OR DISCREPANCIES ON THE DRAWINGS PREVIOUS TO THE SUBMITTAL OF BID, FAILURE TO COMPLY WITH THE ABOVE WILL NOT BE CAUSE FOR ANY ADDITIONAL COMPENSATION AFTER BID.
- ALL 120 VOLT HOMERUNS OVER 80' FROM PANEL SHALL BE #10 AWG MINIMUM.
- ALL NEW LIGHT FIXTURES SHALL BE UL LABELED, FURNISHED INSTALLED AND WIRED BY ELECTRICAL CONTRACTOR.
- INCLUDE IN BID WIRING OF ALL EXISTING FIRE ALARM DEVICES AND WIRING, AS REQUIRED.
- VERIFY AND RECEIVE IN WRITING FROM OWNER APPROVED SHUTDOWN TIMES, INCLUDE IN BID ANY PREMIUM TIME THAT MAY BE REQUIRED FOR OVERTIME, OR WEEKEND RATES.

F:\JJC- IT TRAINING\DRAWINGS\ARCH\1409-01 ME4.AEC

REGISTRATION  
SEAL

stromsland + de young + prybys  
 ARCHITECTURE GROUP  
 20620 Burl Court - 102  
 Joliet, Illinois 60433  
 L. N.: 184-000437  
 www.sdpagroup.com

NUMBER  
SET

**SMART CLASSROOM RENOVATIONS**  
 JOLIET JUNIOR COLLEGE  
 SECOND FLOOR - BUILDING J  
 1215 HOBOLT ROAD  
 JOLIET, ILLINOIS

DATE: 6/24/2015

REVISED:

PROJECT NO.  
1409-01

SHEET NUMBER

**ME4**

OF 4 SHEETS