ALTERATIONS AT:

ACES Bassett Road

88 Bassett Road North Haven, CT 06473

Phase 2 of 2 FF&E (Furniture, Fixtures, & Equipment) and Technology

DRAWING LIST

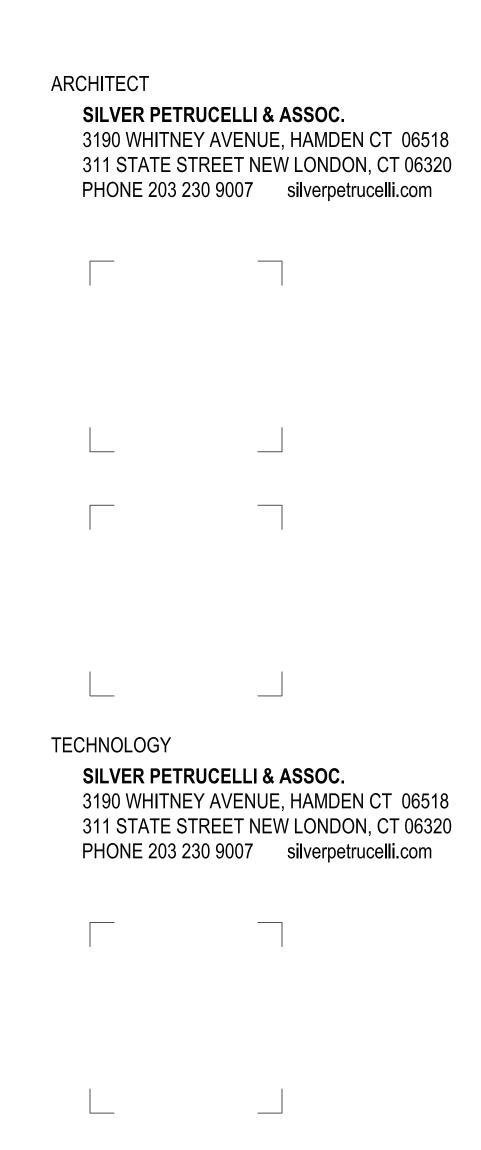
COVER SHEET
OVERALL SECOND LEVEL FURNITURE PLAN
OVERALL THIRD LEVEL FURNITURE PLAN
SECOND LEVEL PARTIAL FURNITURE PLAN - PART A
SECOND LEVEL ALTERNATE FURNITURE PLAN - PART A
SECOND LEVEL PARTIAL FURNITURE PLAN - PART B
SECOND LEVEL ALTERNATE FURNITURE PLAN - PART B
SECOND LEVEL PARTIAL FURNITURE PLAN - PART C
THIRD LEVEL PARTIAL FURNITURE PLAN - PART A
THIRD LEVEL ALTERNATE FURNITURE PLAN - PART B
THIRD LEVEL PARTIAL FURNITURE PLAN - PART B
THIRD LEVEL ALTERNATE FURNITURE PLAN - PART B
THIRD LEVEL PARTIAL FURNITURE PLAN - PART C
THIRD LEVEL ALTERNATE FURNITURE PLAN - PART C
SECOND FLOOR OVERALL PLAN
THIRD FLOOR OVERALL PLAN
OLOGY PLANS (INCLUDED FOR REFERENCE)
COMMUNICATIONS COVER SHEET
COMMUNICATIONS SECOND LEVEL FLOOR PLAN - PART A
COMMUNICATIONS SECOND LEVEL RCP - PART A
COMMUNICATIONS SECOND LEVEL FLOOR PLAN - PART B
COMMUNICATIONS SECOND LEVEL RCP - PART B
COMMUNICATIONS SECOND LEVEL FLOOR PLAN - PART C
COMMUNICATIONS SECOND LEVEL RCP - PART C
COMMUNICATIONS THIRD LEVEL FLOOR PLAN - PART A
COMMUNICATIONS THIRD LEVEL RCP - PART A
COMMUNICATIONS THIRD LEVEL FLOOR PLAN - PART B
COMMUNICATIONS THIRD LEVEL RCP - PART B
COMMUNICATIONS THIRD LEVEL FLOOR PLAN - PART C
COMMUNICATIONS THIRD LEVEL RCP - PART C
COMMUNICATIONS PART PLAN & ELEVATIONS
COMMUNICATIONS PART PLAN & ELEVATIONS



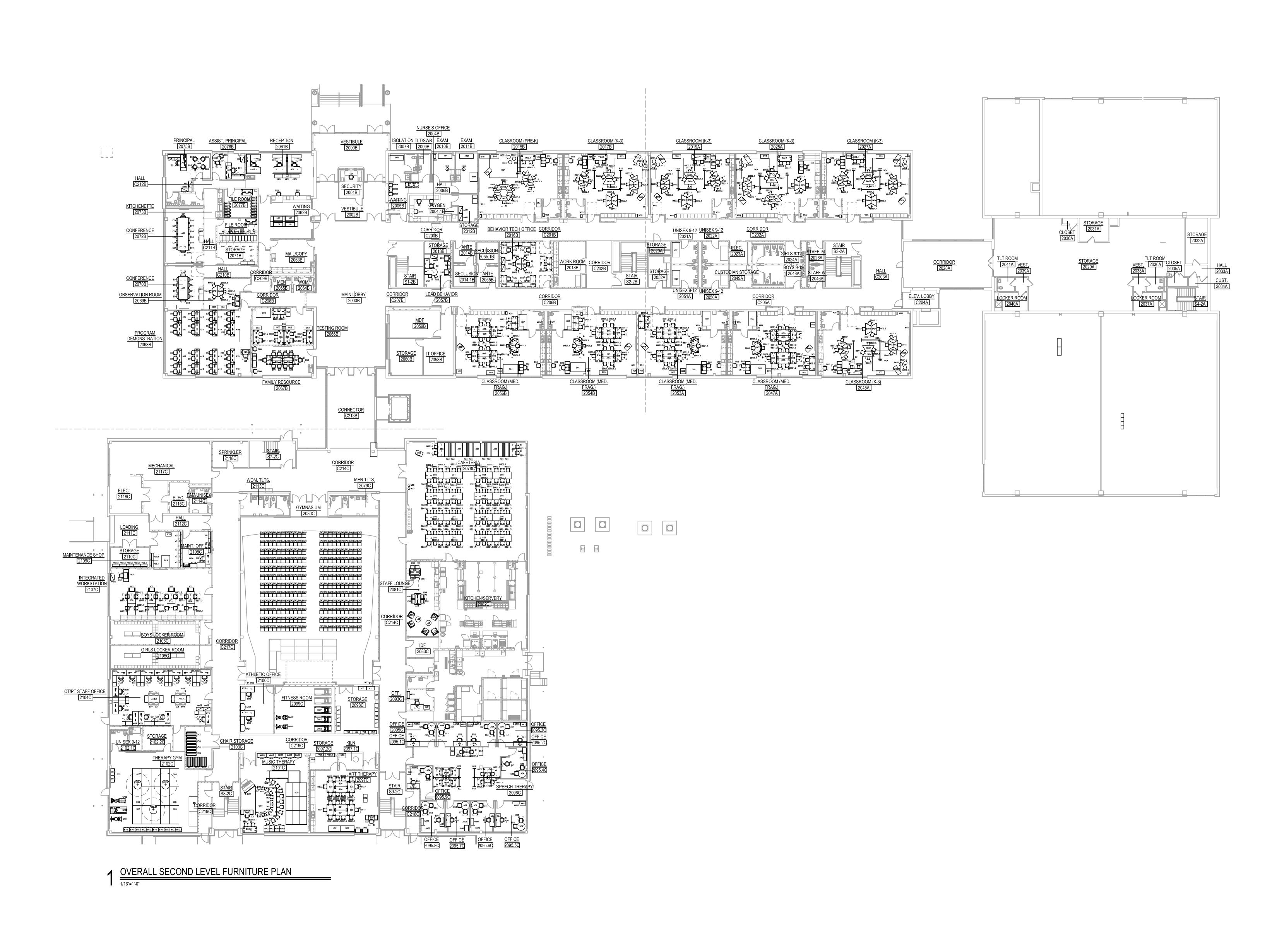
SILVER PETRUCELLI + ASSOCIATES

3190 WHITNEY AVENUE HAMDEN CT 06518 311 STATE STREET NEW LONDON CT 06320 203 230 9007 silverpetrucelli.com

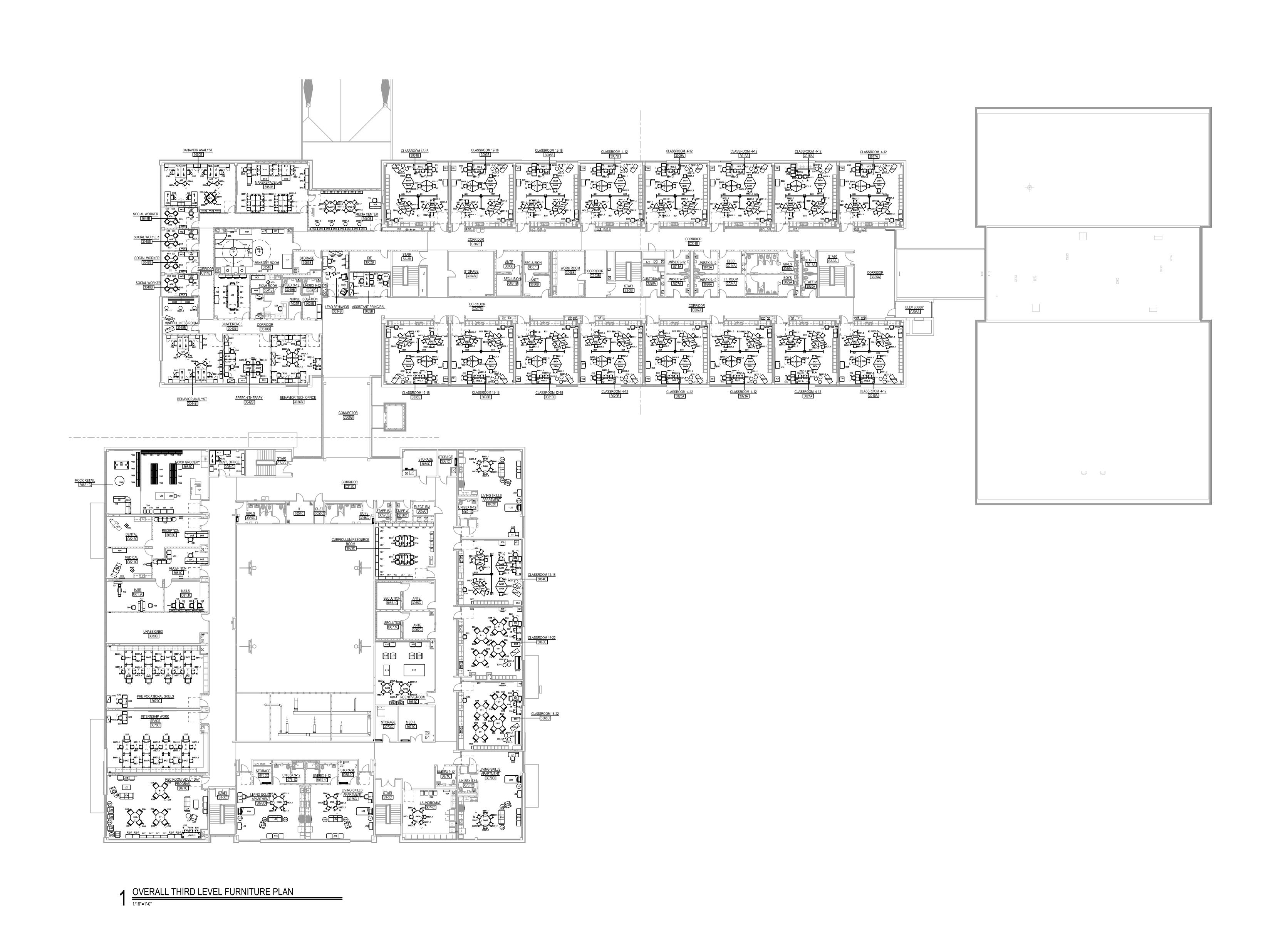
11/14/2023 04/28/2025 - ISSUED FOR BID



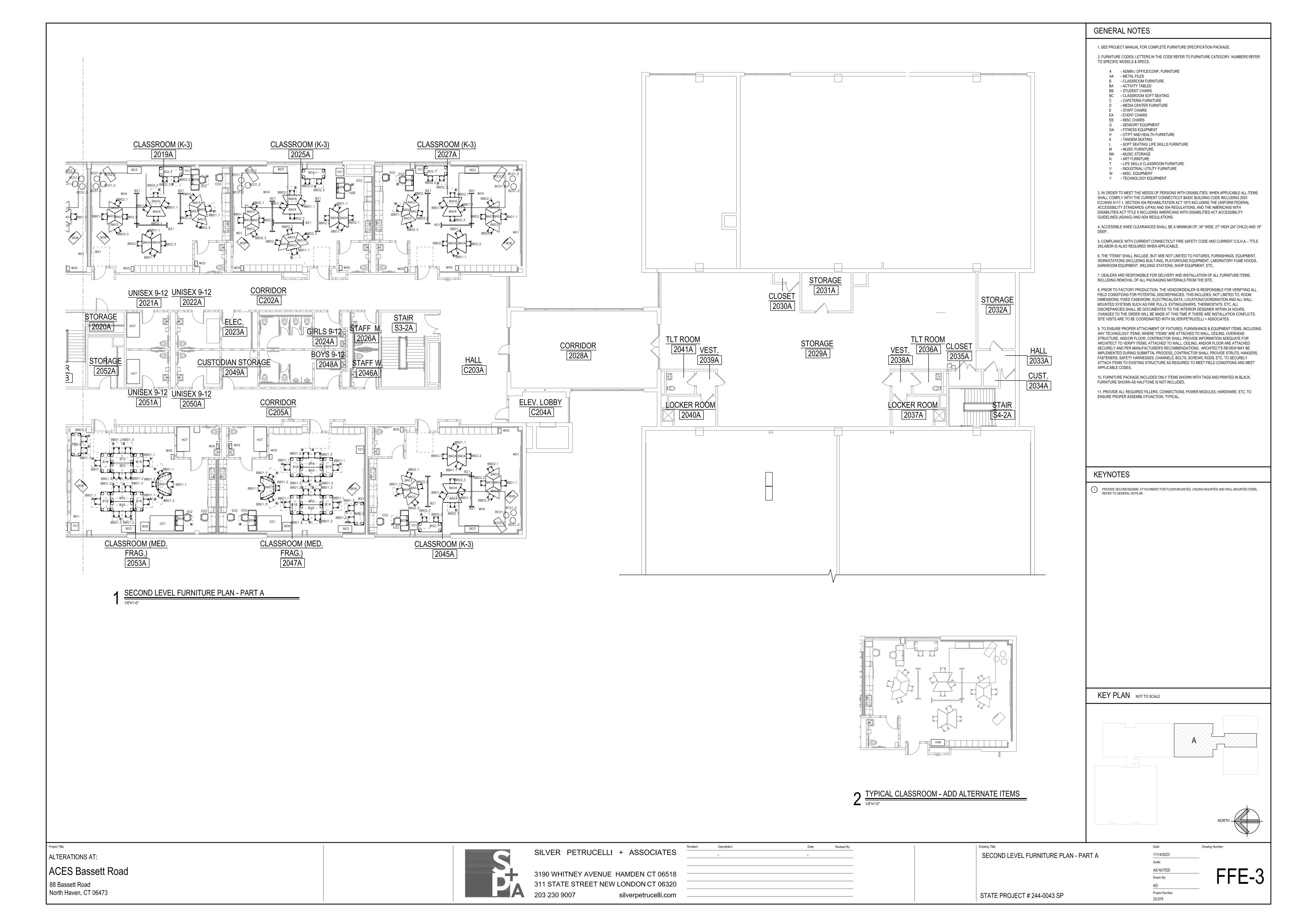
STATE PROJECT 244-0043 SP

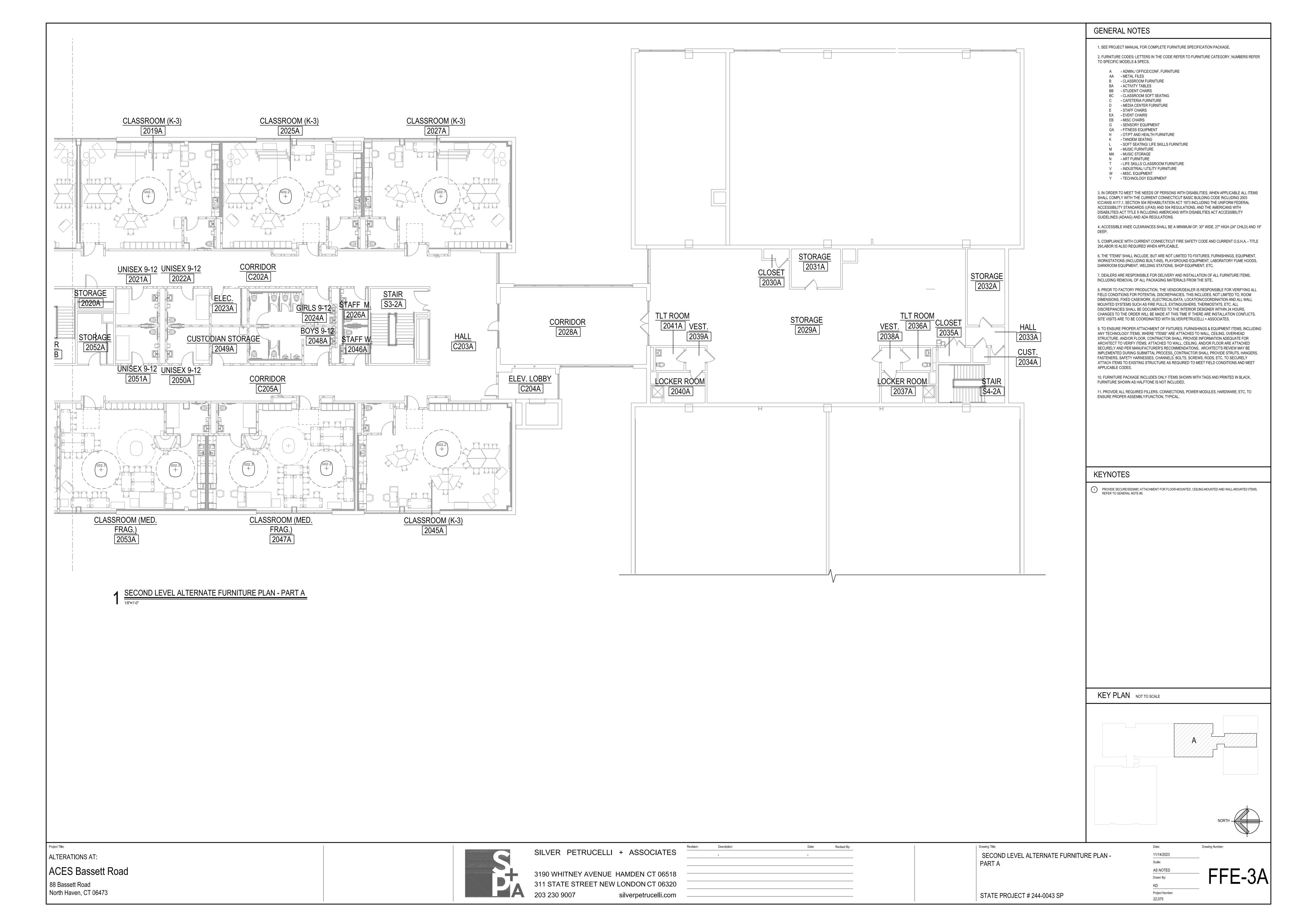


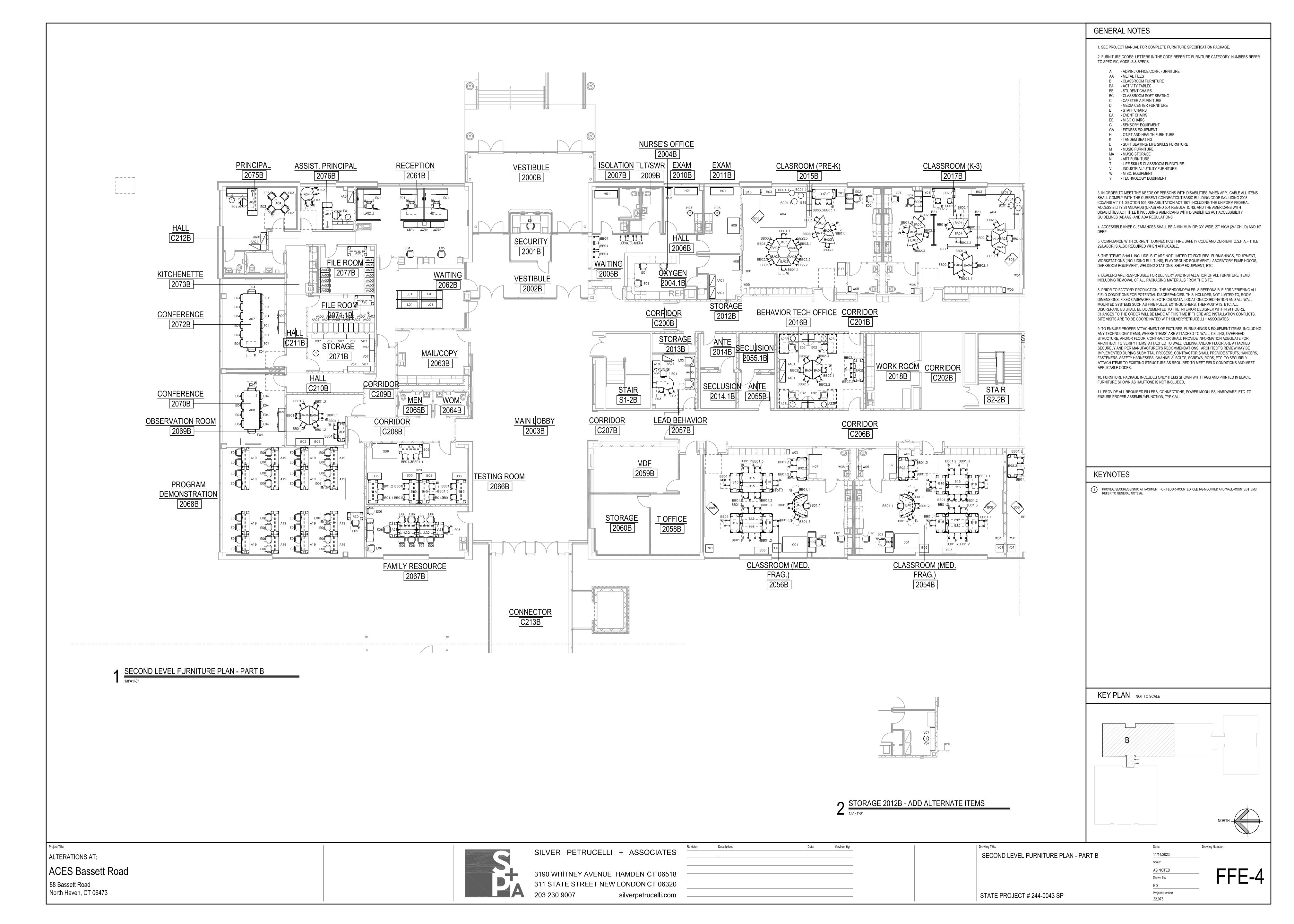
| North Haven, CT 06473 | Nort

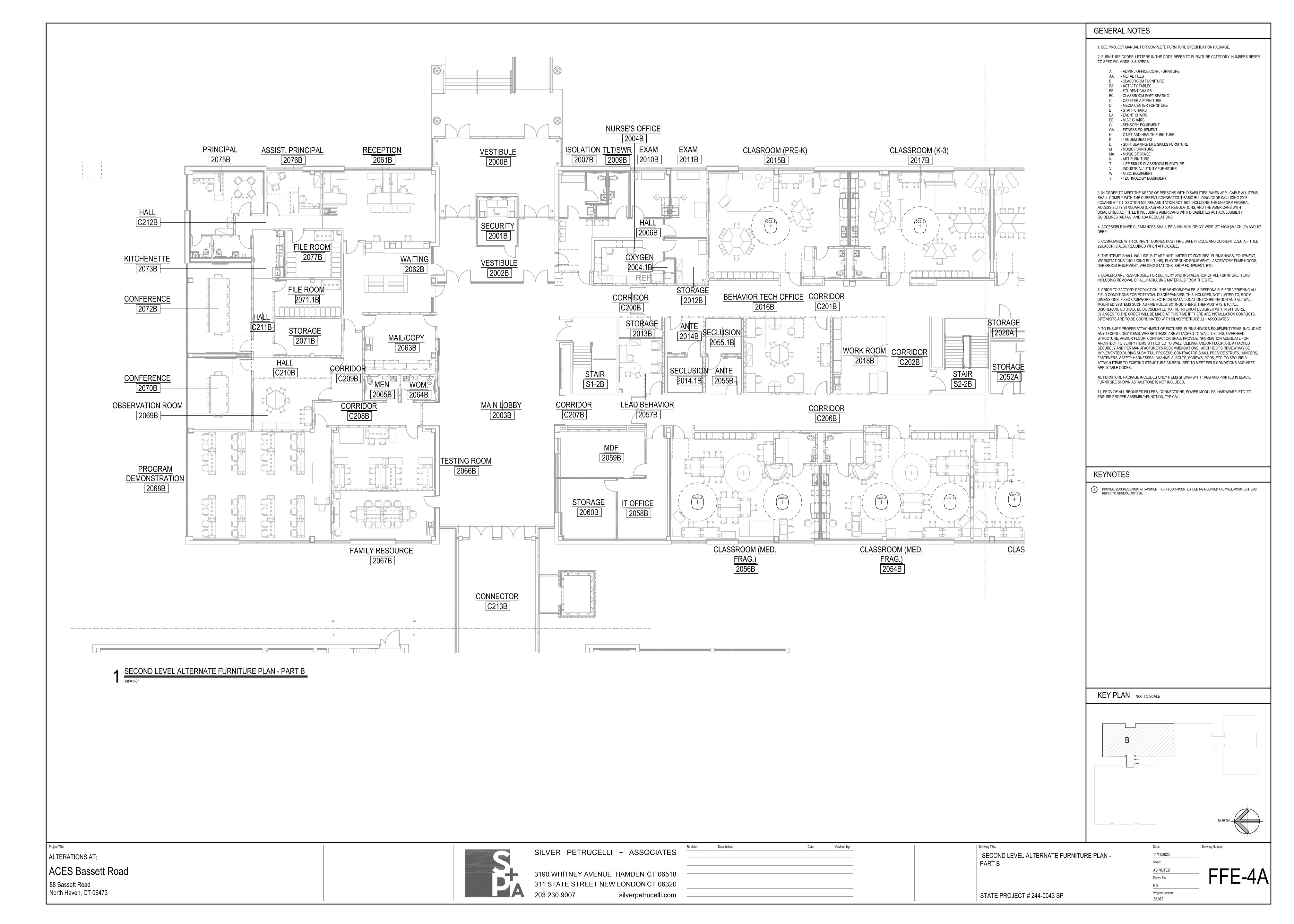


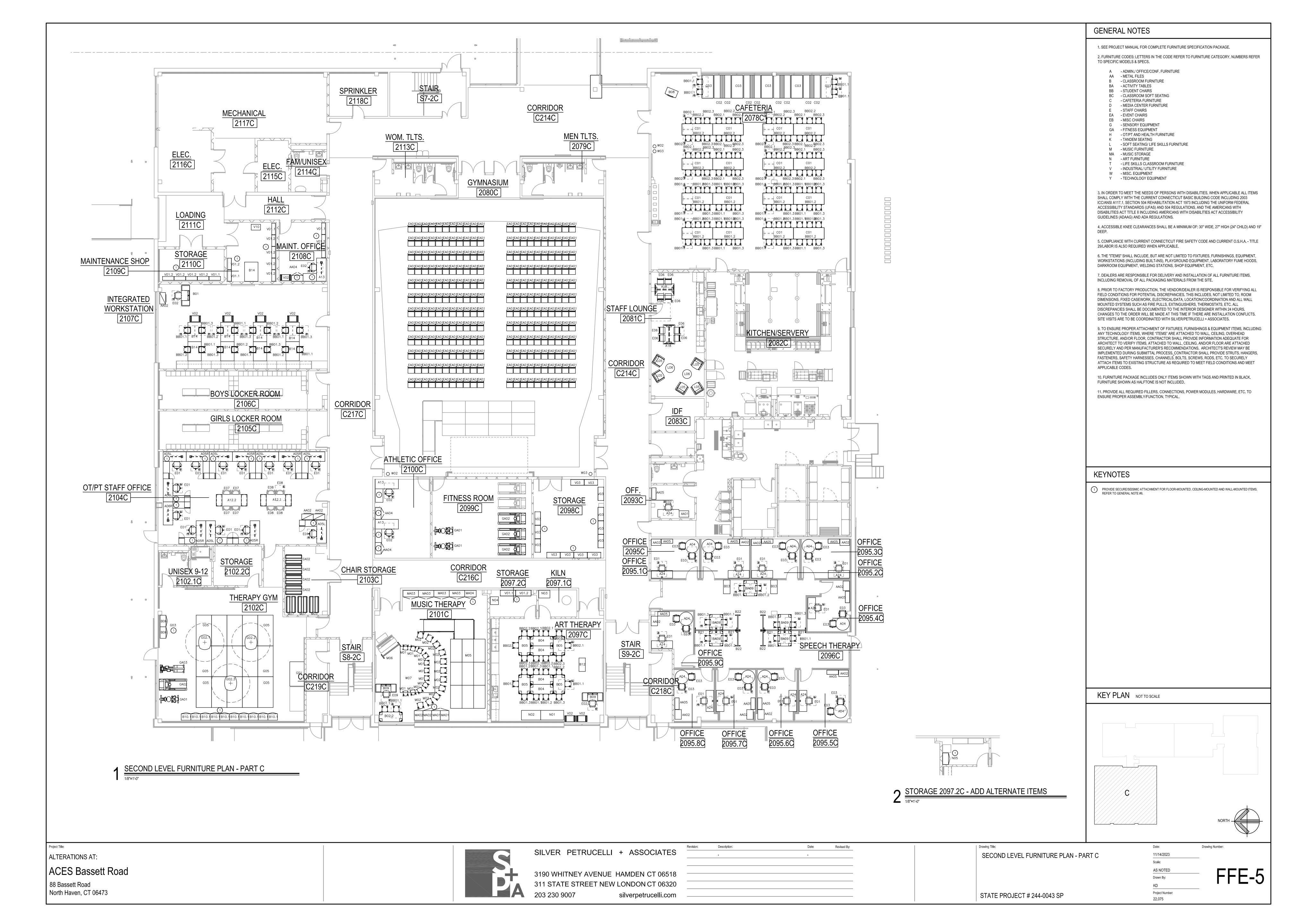
| SILVER PETRUCELLI + ASSOCIATES | Silver Petrucelli + ASSOCIATES

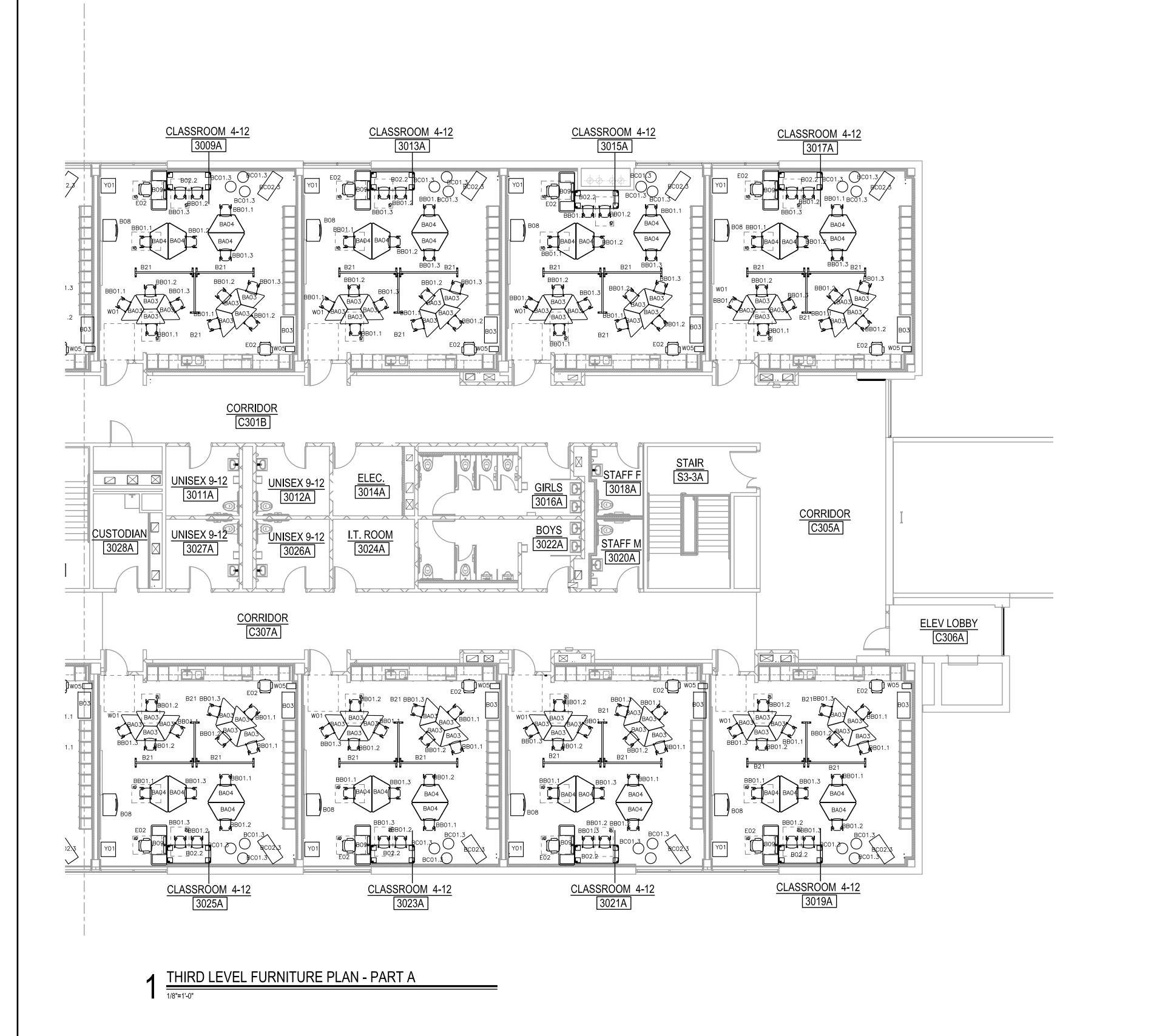


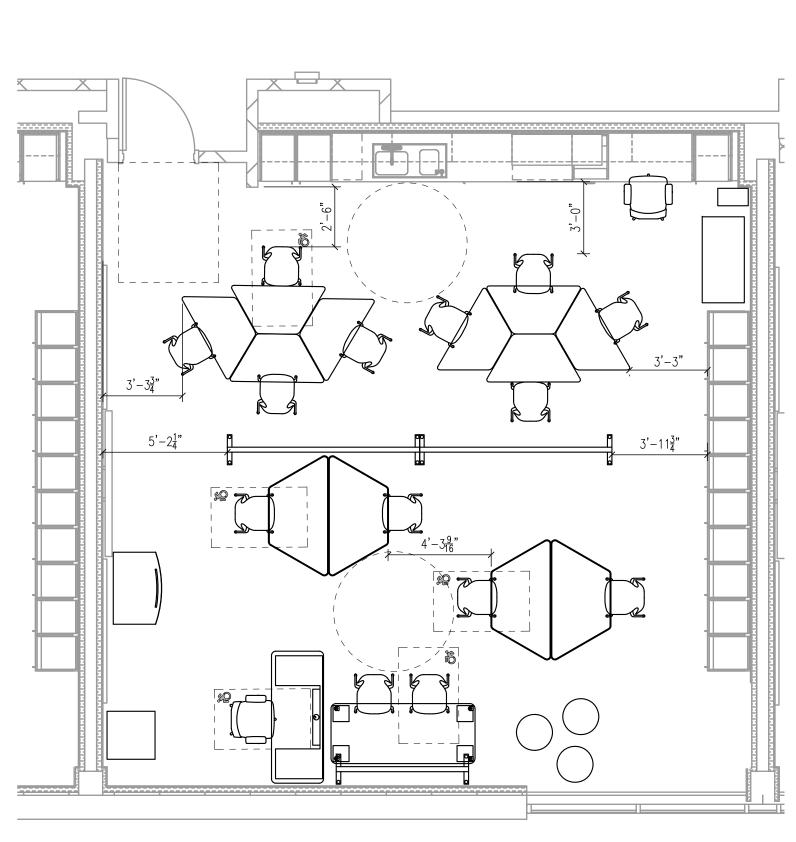












↑ TYPICAL CLASSROOM 4-12 (FOR REFERENCE)

GENERAL NOTES

1. SEE PROJECT MANUAL FOR COMPLETE FURNITURE SPECIFICATION PACKAGE.

2. FURNITURE CODES: LETTERS IN THE CODE REFER TO FURNITURE CATEGORY, NUMBERS REFER TO SPECIFIC MODELS & SPECS.

- A ADMIN./ OFFICE/CONF. FURNITURE
 - AA METAL FILES B - CLASSROOM FURNITURE
 - BA ACTIVITY TABLES BB - STUDENT CHAIRS

EB - MISC CHAIRS G - SENSORY EQUIPMENT

- BC CLASSROOM SOFT SEATING - CAFETERIA FURNITURE
- MEDIA CENTER FURNITURE STAFF CHAIRS EA - EVENT CHAIRS
- GA FITNESS EQUIPMENT H - OT/PT AND HEALTH FURNITURE
- K TANDEM SEATING
- L SOFT SEATING/ LIFE SKILLS FURNITURE M - MUSIC FURNITURE
- MA MUSIC STORAGE N - ART FURNITURE T - LIFE SKILLS CLASSROOM FURNITURE
- V INDUSTRIAL/ UTILITY FURNITURE
- W MISC. EQUIPMENT Y - TECHNOLOGY EQUIPMENT

SHALL COMPLY WITH THE CURRENT CONNECTICUT BASIC BUILDING CODE INCLUDING 2003 ICC/ANSI A117.1, SECTION 504 REHABILITATION ACT 1973 INCLUDING THE UNIFORM FEDERAL ACCESSIBILITY STANDARDS (UFAS) AND 504 REGULATIONS, AND THE AMERICANS WITH DISABILITIES ACT TITLE II INCLUDING AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG) AND ADA REGULATIONS.

4. ACCESSIBLE KNEE CLEARANCES SHALL BE A MINIMUM OF: 30" WIDE, 27" HIGH (24" CHILD) AND 19"

3. IN ORDER TO MEET THE NEEDS OF PERSONS WITH DISABILITIES, WHEN APPLICABLE ALL ITEMS

5. COMPLIANCE WITH CURRENT CONNECTICUT FIRE SAFETY CODE AND CURRENT O.S.H.A. - TITLE 29/LABOR IS ALSO REQUIRED WHEN APPLICABLE.

6. THE "ITEMS" SHALL INCLUDE, BUT ARE NOT LIMITED TO FIXTURES, FURNISHINGS, EQUIPMENT, WORKSTATIONS (INCLUDING BUILT-INS), PLAYGROUND EQUIPMENT, LABORATORY FUME HOODS, DARKROOM EQUIPMENT, WELDING STATIONS, SHOP EQUIPMENT, ETC.

7. DEALERS ARE RESPONSIBLE FOR DELIVERY AND INSTALLATION OF ALL FURNITURE ITEMS, INCLUDING REMOVAL OF ALL PACKAGING MATERIALS FROM THE SITE.

8. PRIOR TO FACTORY PRODUCTION, THE VENDOR/DEALER IS RESPONSIBLE FOR VERIFYING ALL FIELD CONDITIONS FOR POTENTIAL DISCREPANCIES. THIS INCLUDES, NOT LIMITED TO, ROOM DIMENSIONS, FIXED CASEWORK, ELECTRICAL/DATA, LOCATION/COORDINATION AND ALL WALL MOUNTED SYSTEMS SUCH AS FIRE PULLS, EXTINGUISHERS, THERMOSTATS, ETC. ALL DISCREPANCIES SHALL BE DOCUMENTED TO THE INTERIOR DESIGNER WITHIN 24 HOURS. CHANGES TO THE ORDER WILL BE MADE AT THIS TIME IF THERE ARE INSTALLATION CONFLICTS. SITE VISITS ARE TO BE COORDINATED WITH SILVER/PETRUCELLI + ASSOCIATES.

9. TO ENSURE PROPER ATTACHMENT OF FIXTURES, FURNISHINGS & EQUIPMENT ITEMS, INCLUDING ANY TECHNOLOGY ITEMS, WHERE "ITEMS" ARE ATTACHED TO WALL, CEILING, OVERHEAD STRUCTURE, AND/OR FLOOR, CONTRACTOR SHALL PROVIDE INFORMATION ADEQUATE FOR ARCHITECT TO VERIFY ITEMS, ATTACHED TO WALL, CEILING, AND/OR FLOOR ARE ATTACHED SECURELY AND PER MANUFACTURER'S RECOMMENDATIONS. ARCHITECT'S REVIEW MAY BE IMPLEMENTED DURING SUBMITTAL PROCESS. CONTRACTOR SHALL PROVIDE STRUTS, HANGERS, FASTENERS, SAFETY HARNESSES, CHANNELS, BOLTS, SCREWS, RODS, ETC. TO SECURELY ATTACH ITEMS TO EXISTING STRUCTURE AS REQUIRED TO MEET FIELD CONDITIONS AND MEET APPLICABLE CODES.

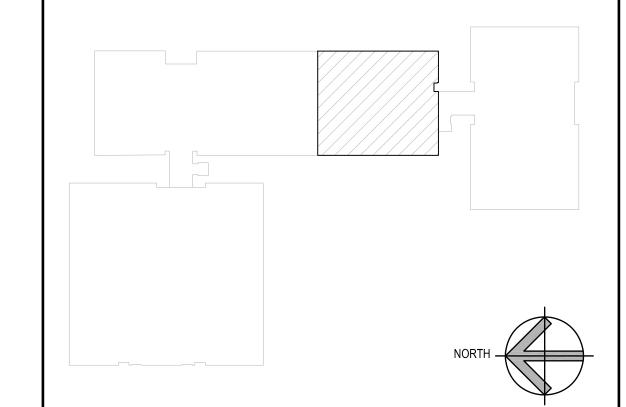
10. FURNITURE PACKAGE INCLUDES ONLY ITEMS SHOWN WITH TAGS AND PRINTED IN BLACK. FURNITURE SHOWN AS HALFTONE IS NOT INCLUDED.

11. PROVIDE ALL REQUIRED FILLERS, CONNECTIONS, POWER MODULES, HARDWARE, ETC. TO ENSURE PROPER ASSEMBLY/FUNCTION, TYPICAL.

KEYNOTES

PROVIDE SECURE/SEISMIC ATTACHMENT FOR FLOOR-MOUNTED, CEILING-MOUNTED AND WALL-MOUNTED ITEMS. REFER TO GENERAL NOTE #9.

KEY PLAN NOT TO SCALE



ALTERATIONS AT:

ACES Bassett Road

88 Bassett Road North Haven, CT 06473

SILVER PETRUCELLI + ASSOCIATES

3190 WHITNEY AVENUE HAMDEN CT 06518 311 STATE STREET NEW LONDON CT 06320 203 230 9007 silverpetrucelli.com —

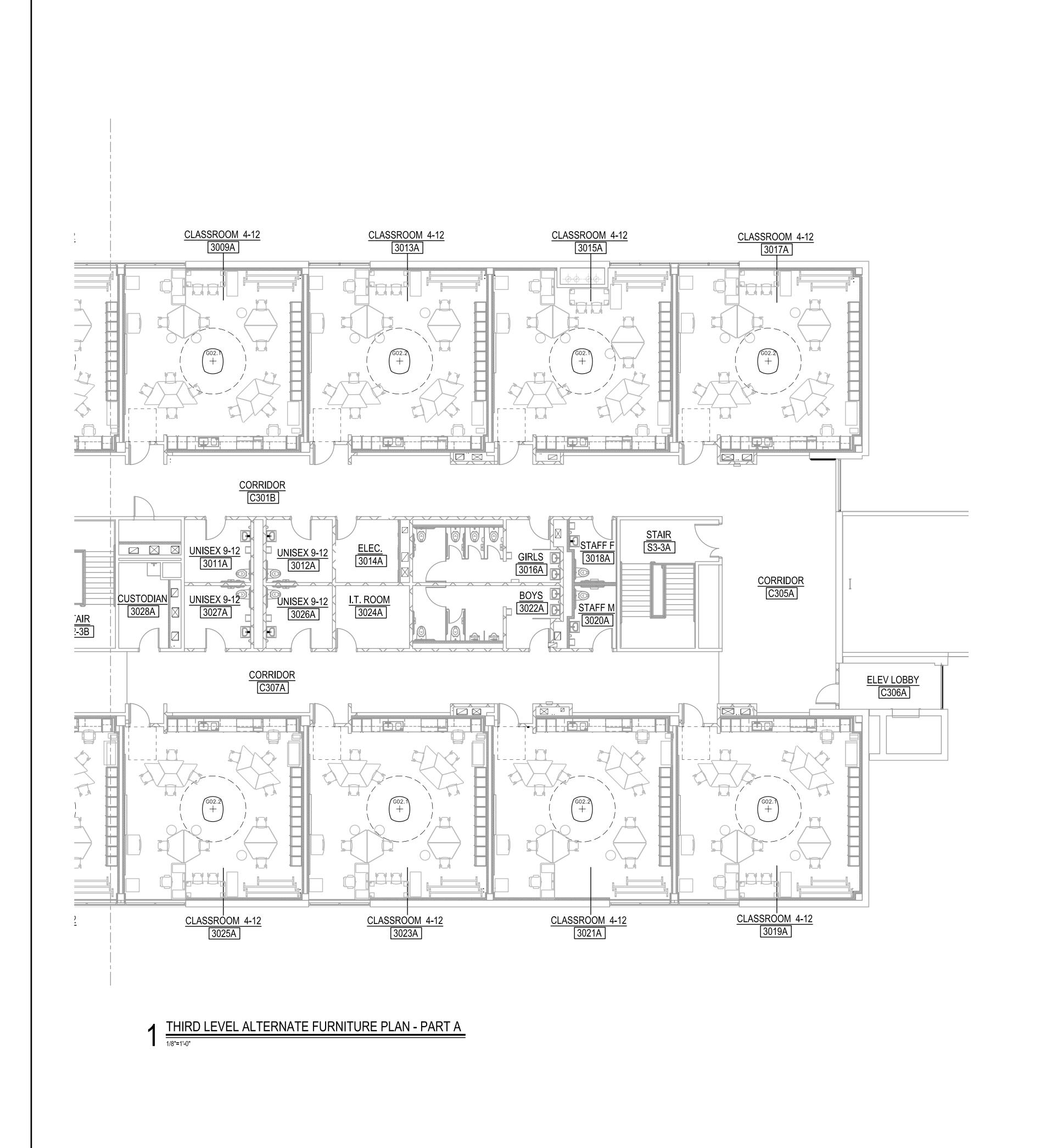
THIRD LEVEL FURNITURE PLAN - PART A

Drawing Number:

22.075

Project Number:

STATE PROJECT # 244-0043 SP



GENERAL NOTES

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- CAFETERIA FURNITURE
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E - STAFF CHAIRS
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G - SENSORY EQUIPMENT
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K - TANDEM SEATING

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 L - SOFT SEATING/LIFE SKILLS FURNITURE
 M - MUSIC FURNITURE

MA - MUSIC STORAGE N - ART FURNITURE

T - LIFE SKILLS CLASSROOM FURNITURE
V - INDUSTRIAL/ UTILITY FURNITURE

W - MISC. EQUIPMENT
Y - TECHNOLOGY EQUIPMENT

3. IN ORDER TO MEET THE NEEDS OF PERSONS WITH DISABILITIES, WHEN APPLICABLE ALL ITEMS SHALL COMPLY WITH THE CURRENT CONNECTICUT BASIC BUILDING CODE INCLUDING 2003 ICC/ANSI A117.1, SECTION 504 REHABILITATION ACT 1973 INCLUDING THE UNIFORM FEDERAL ACCESSIBILITY STANDARDS (UFAS) AND 504 REGULATIONS, AND THE AMERICANS WITH DISABILITIES ACT TITLE II INCLUDING AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG) AND ADA REGULATIONS.

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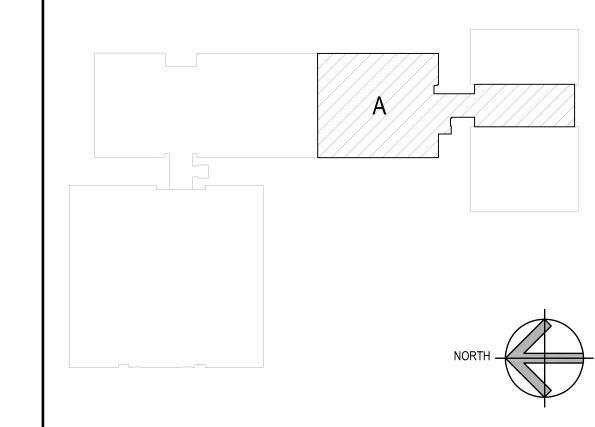
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KEYNOTES

PROVIDE SECURE/SEISMIC ATTACHMENT FOR FLOOR-MOUNTED, CEILING-MOUNTED AND WALL-MOUNTED ITEMS. REFER TO GENERAL NOTE #9.

KEY PLAN NOT TO SCALE



Project Title:

ALTERATIONS AT:

ACES Bassett Road 88 Bassett Road North Haven, CT 06473 S

SILVER PETRUCELLI + ASSOCIATES

3190 WHITNEY AVENUE HAMDEN CT 06518

311 STATE STREET NEW LONDON CT 06320

203 230 9007 silverpetrucelli.com

THIRD LEVEL ALTERNATE FURNITURE PLAN -

Date: Drawing Number:

11/14/2023
Scale:

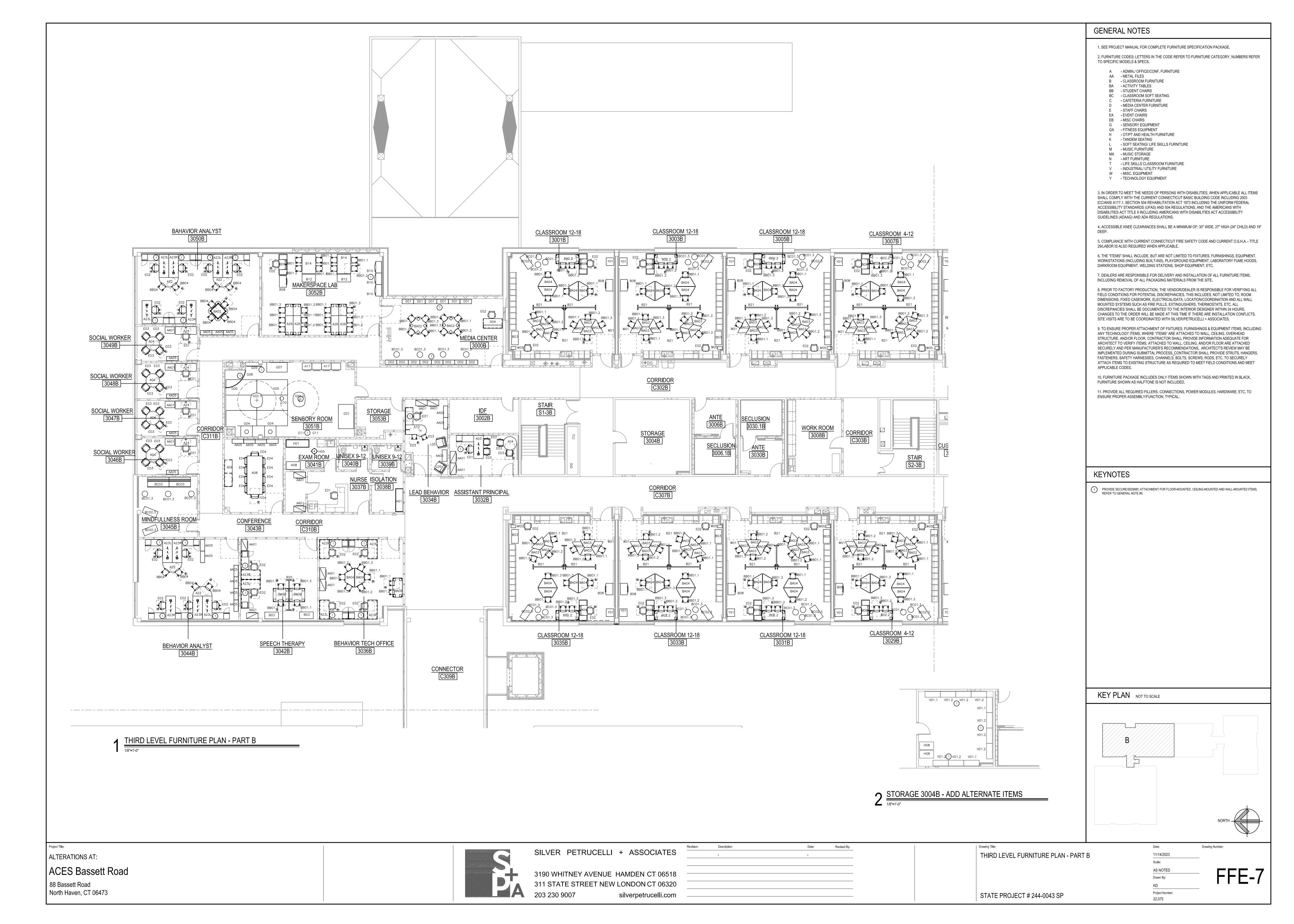
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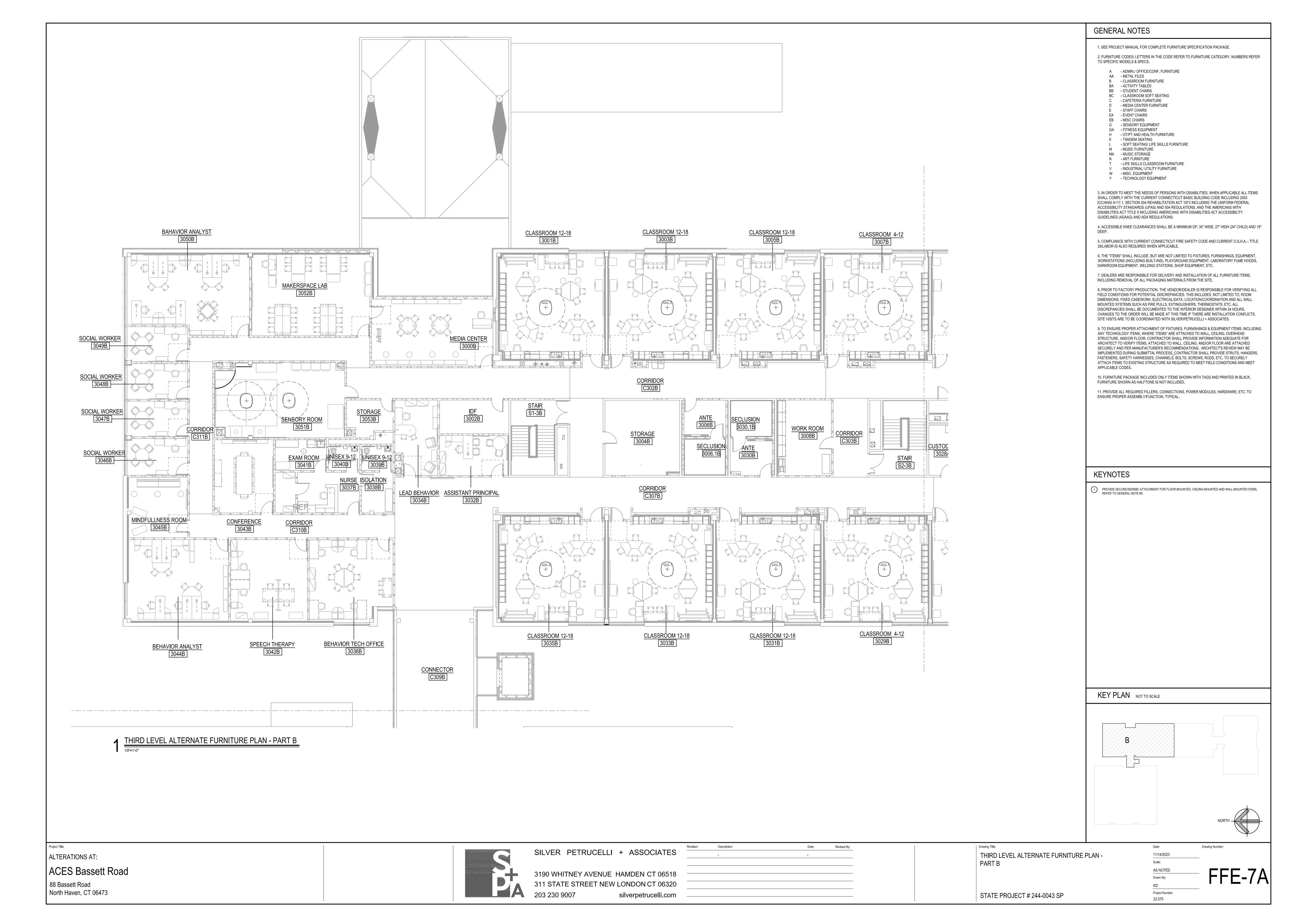
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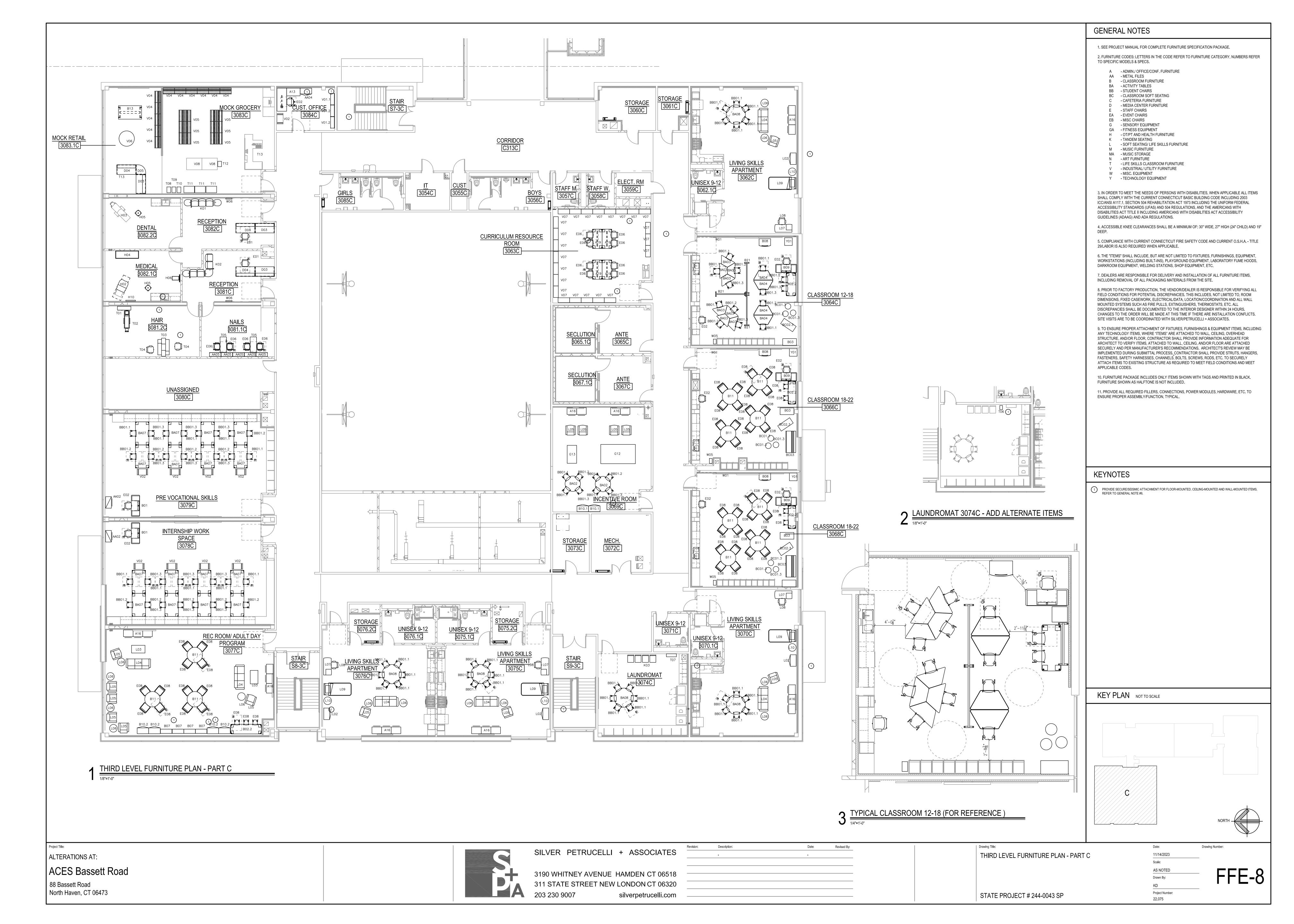
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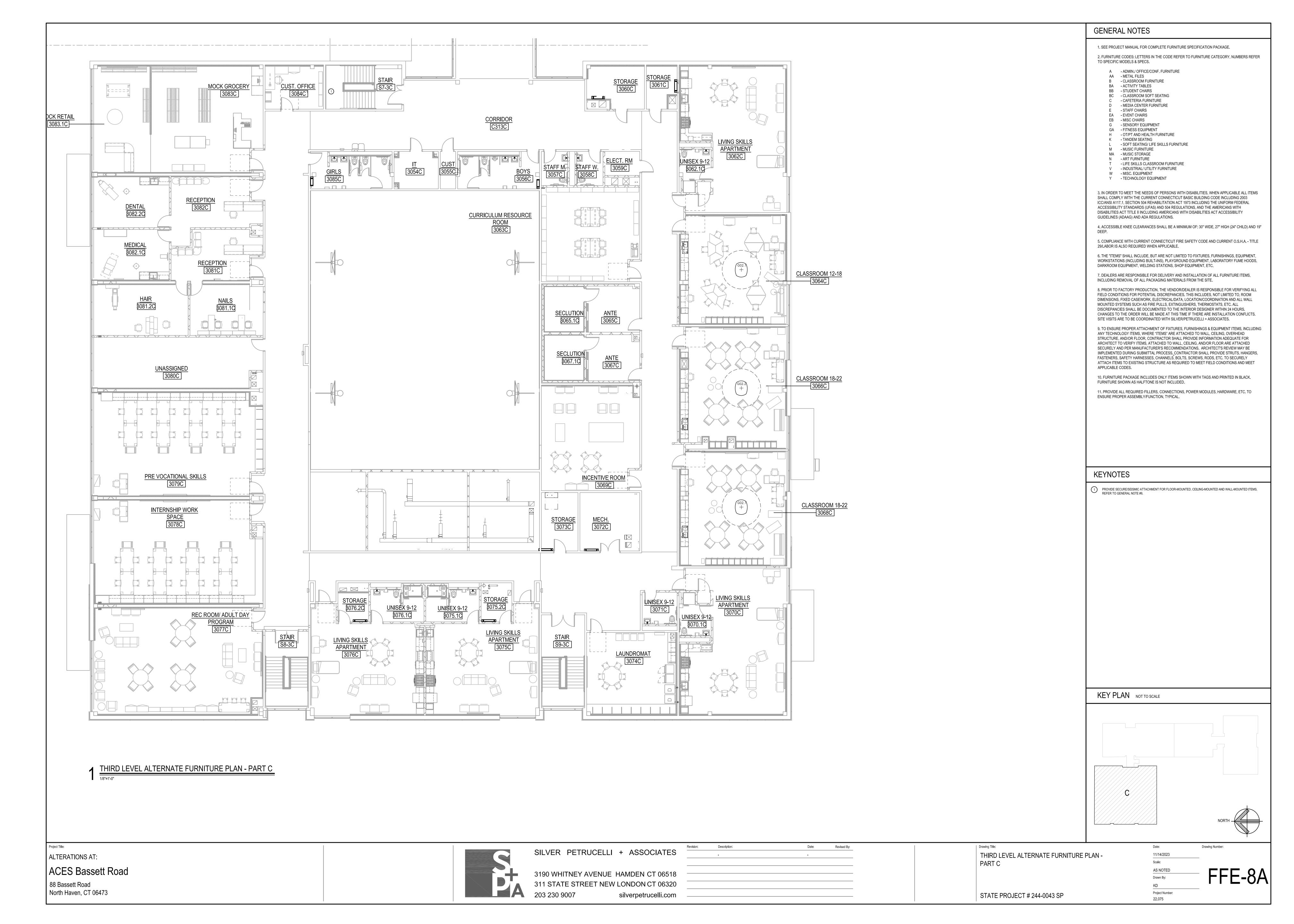
STATE PROJECT # 244-0043 SP

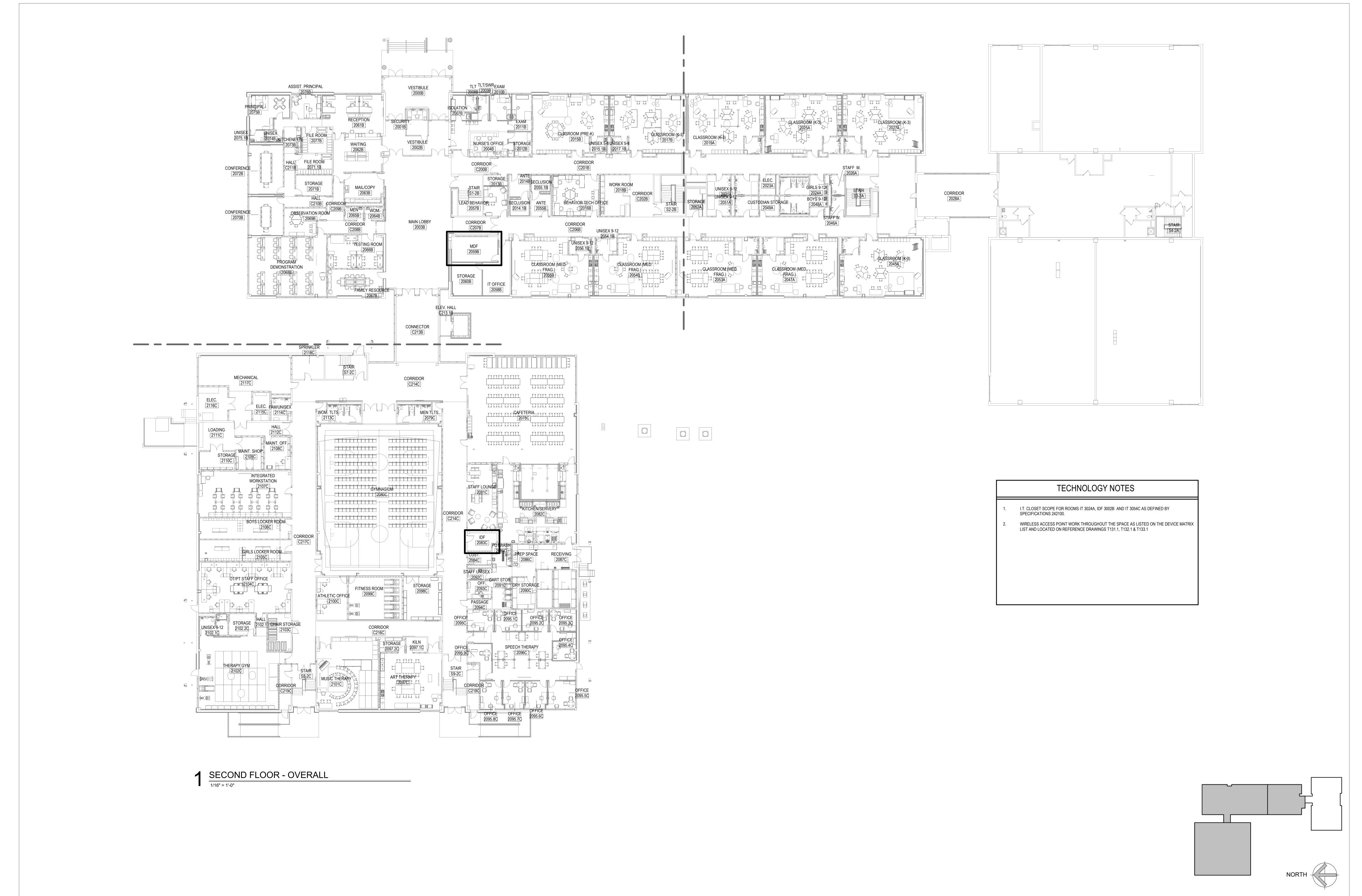
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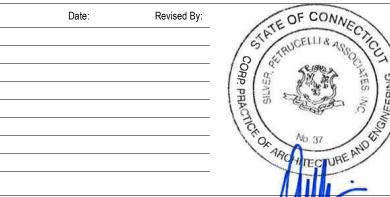


ALTERATIONS AT: ACES Bassett Road 88 Bassett Road North Haven, CT 06473



SILVER PETRUCELLI + ASSOCIATES

3190 WHITNEY AVENUE HAMDEN CT 06518 311 STATE STREET NEW LONDON CT 06320 silverpetrucelli.com



SECOND FLOOR OVERALL PLAN

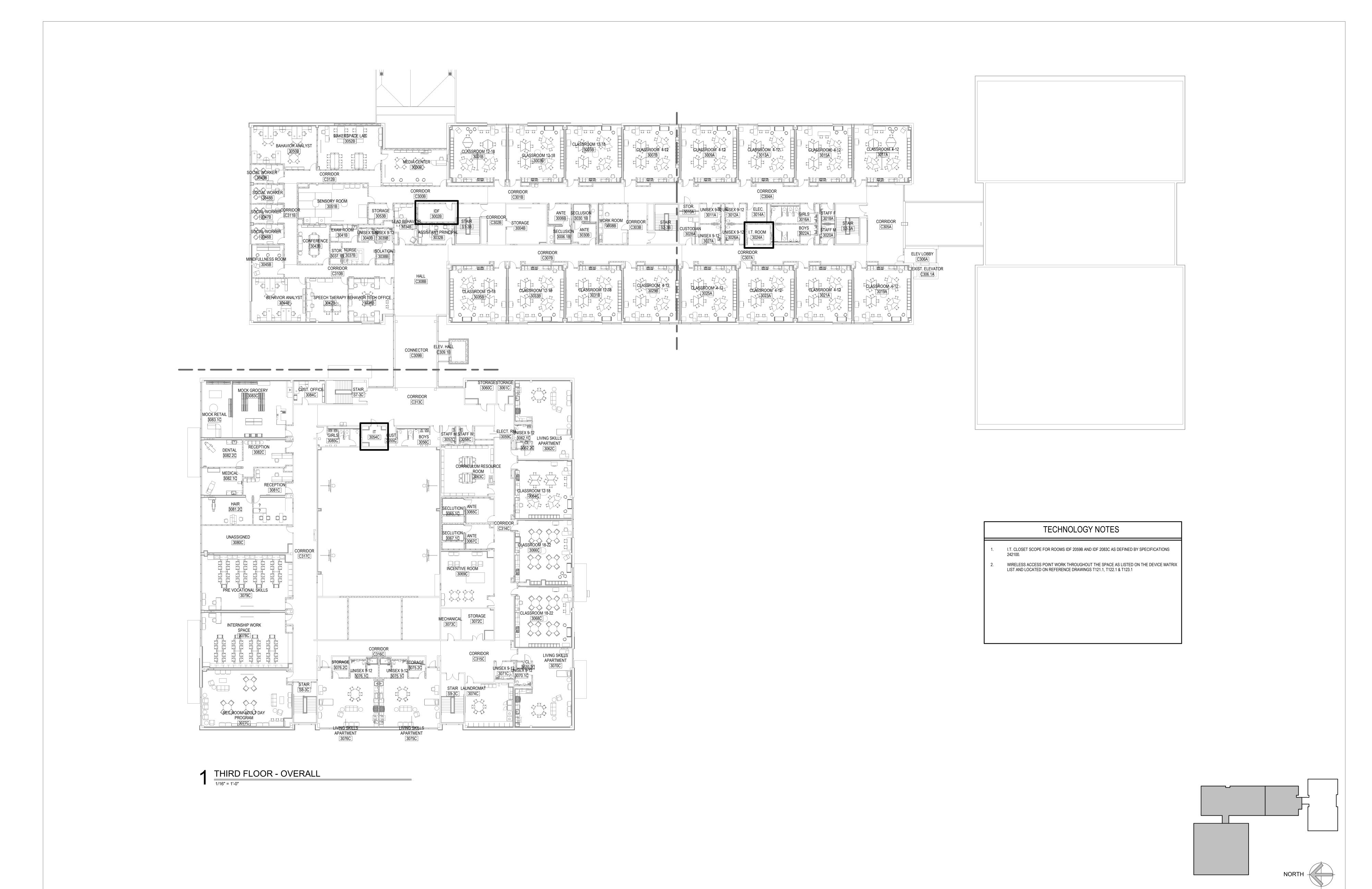
STATE PROJECT #244-0043 SP

11/14/2023 Scale: As indicated Drawn By: Author Project Number:

22.075

T300

Drawing Number:



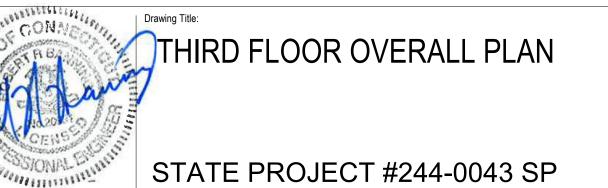
ALTERATIONS AT:
ACES Bassett Road
88 Bassett Road
North Haven, CT 06473



SILVER PETRUCELLI + ASSOCIATES

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Date: Drawing Number:

11/14/2023
Scale:

As indicated Drawn By: T301

Author
Project Number:

22.075

COMMUNICATIONS SYMBOL LIST

VOICE/DATA SYMBOLS

- X DATA OUTLET FLUSH WALL MOUNT

 X = QUANTITY OF DATA JACKS

 X+D

 DATA OUTLET FLUSH WALL MOUNT ABOVE COUNTER OR
 BEHIND DISPLAY

 X = QUANTITY OF DATA JACKS
- DATA OUTLET FURNITURE MOUNT

 X = QUANTITY OF DATA JACKS

 X DATA OUTLET FLUSH FLOOR MOUNT

 X = QUANTITY OF DATA JACKS
- X DATA OUTLET FLOOR BOX MOUNT

 X = QUANTITY OF DATA JACKS

 X DATA OUTLET FLUSH CEILING MOUNT

 X = QUANTITY OF DATA JACKS
- DATA OUTLET SECURITY CAMERA

 Wireless outlet

CLOCK

S CEILING MOUNTED PAGER SPEAKER

WALL MOUNTED PAGER SPEAKER

CEILING MOUNTED PA HORN

WG = WIRE GUARD

EXT = EXTERIOR

- BB = BACKBOX

 WALL MOUNTED PA HORN

 WG = WIRE GUARD

 EXT = EXTERIOR

 BB = BACKBOX
- PA STROBE

 B PA CALL SWITCH

 VC VOLUME CONTROL

 CONDUIT SLEEVE

 C O CORE DRILL
- CONDUIT SLEEVE

 C O CORE DRILL

 LADDER RACKING SYSTEM

 CABLE TRAY / RACEWAY SYSTEM
- SECTION A
 # = DRAWING NUMBER
- ICP
 - MASTER LOCK CONTROL PANEL

INTERCOM

COMMUNICATIONS ABBREVIATIONS

- SPECIAL MOUNTING HEIGHT. COORDINATE LOCATION WITH ARCHITECTURAL ELEVATIONS
- ABOVE COUNTER
 ABOVE FINSIHED FLOOR
 ALUMINUM
 ALARM
 ABOVE RAISED FLOOR
- ASYM ASYMMETRICAL
 AV AUDIO VISUAL
 AWG AMERICAN WIRE GAUGE

 BG BREAK GLASS SWITCH
 BLDG BUILDING
- C CONDUIT
 CAB CABINET
 CAM CAMERA
- CAM CAMERA
 CAT CATALOG
 CCTV CLOSED CIRCUIT TELEVISION
 CL CENTER LINE
 CLG CEILING
- CLOS CLOSET
 COMM COMMUNICATION
 CONN CONNECTED
 CONT CONTINUATION
 CU COPPER
- DB DECIBEL
 DEG DEGREE
 DIA DIAMETER
 DIV DIVISION
 DWG DRAWING
- °C DEGREE CELSIUS
 °F DEGREE FAHRENHEIT

 (E) EXISTING TO REMAIN
 (ER) EXISTING TO BE REMOVED
- (ER) EXISTING TO BE REMOVED

 (ERR) EXISTING TO BE REMOVED & RELOCATED

 EA EACH

 EC ELECTRICAL CONTRACTOR

 EL ELEVATION

 ELEC ELECTRICAL

 ELEV ELEVATOR
- ELEC ELECTRICAL
 ELEV ELEVATOR
 EMER, EM EMERGENCY
 EQUIP EQUIPMENT
 EXIST, EX EXISTING
 EXT EXTERIOR
- F&I FURNISH AND INSTALL
 FBO FURNISHED BY OTHER DIVISION OF WORK
- FL FLOOR
 FLEX FLEXIBLE
 FT FEET OR FOOT
- G GROUND

 HC HUNG CEILING
- HC HUNG CEILING
 HH HAND HOLE

 ID INSIDE DIAMETER
- ID INSIDE DIAMETER

 IDF INTERMEDIATE DISTRIBUTION FRAME

 INST INSTRUMENT
- JB JUNCTION BOX
- MAX MAXIMUM
 MDF MAIN DISTRIBUTION FRAME
 MH MANHOLE
 MIC MICROPHONE
 MIN MINIMUM
 MTD MOUNTED
- MTG MOUNTING

 NIC NOT IN CONTRACT

 NTS NOT TO SCALE
- OC ON CENTER
 OD OUTSIDE DIAMETER
 PB PULL BOX
- POE POINT OF ENTRY

 (RE) RELOCATED EXISTING

 (RRO) EXISTING TO BE REMOVED AND RETURN TO OWNER

 RECEPT. REC. RECEPTACLE
- (RRO) EXISTING TO BE REMOVED A
 RECEPT, REC RECEPTACLE
 REQ REQUIRED
 RFL RAISED FLOOR
 RG ROOM GROUND POINT
 RM ROOM
- RG ROOM GROUND POI
 RM ROOM
 RO RACEWAY ONLY

 SCH SCHEDULE
 SECT SECTION
 SIG SIGNAL
 SN SOLID NEUTRAL
- SECT SECTION
 SIG SIGNAL
 SN SOLID NEUTRAL
 SPEC SPECIFICATION
 SPKR SPEAKER
 SW SWITCH
- TBB TELECOMMUNICATIONS BONDING BACKBONE
 TBD TO BE DETERMINED
 TEL TELEPHONE
 TGB TELECOMMUNICATIONS GROUNDING BUSBAR
 TLBD TERMINAL BOARD
- TMGB TELECOMMUNICATIONS MAIN GROUNDING BUSBAR
 TR TELECOMMUNICATIONS ROOM
 TV TELEVISION
 TYP TYPICAL
- UFD UNDERFLOOR DUCT
 UON UNLESS OTHERWISE NOTED

 WP WEATHERPROOF

COMMUNICATIONS DEMOLITION NOTES

- 1. LOCATE, IDENTIFY, SEPARATE, AND COMPLETELY REMOVE AND DISPOSE OF ALL EXISTING COMMUNICATIONS CABLING (UNLESS OTHERWISE INDICATED AS "EXISTING TO REMAIN" OR "EXISTING TO REMAIN AND RELOCATE") WITHIN THE AREAS TO BE RENOVATED AND THE EXISTING TERMINATIONS IN THE COMMUNICATIONS CLOSETS IN ACCORDANCE WITH ELECTRICAL CODE REQUIREMENTS FOR REMOVAL OF ABANDONED CABLING.
- OTHER ACTIVE LOW VOLTAGE CABLING (INCLUDING COMMUNICATION, SECURITY, BAS, ETC.) SERVING AREAS
 NOT TO BE RENOVATED COULD BE BUNDLED WITH THE CABLING TO BE REMOVED. SURVEY, IDENTIFY AND
 PROTECT IN PLACE PRIOR TO DEMOLITION. DO NOT REMOVE OR DAMAGE ANY CABLING SERVING AREAS NOT
 TO BE RENOVATED.
- ACTIVE OPTICAL FIBER AND COPPER RISER CABLES, NETWORK SWITCHES, AND OTHER ACTIVE EQUIPMENT IS PRESENT IN THE TELECOM CLOSET. DO NOT DAMAGE OR DISTURB.
- 4. LOCATE, IDENTIFY, REMOVE AND DISPOSE OF ALL EXISTING OUTLET BACKBOXES, STUB-UPS AND CONDUITS NOTED ON DEMOLITION DRAWINGS AS "EXISTING TO BE REMOVED" (ER), OR "EXISTING TO REMOVED & RELOCATED" (FRR)
- WHEN COMPLETELY ABANDONED AS PART OF DEMOLITION, REMOVE AND SAVE FOR OWNER'S REUSE EXISTING EQUIPMENT RACKS AND PATCH PANELS UNLESS OTHERWISE DIRECTED BY OWNER.

COMMUNICATIONS GENERAL NOTES

- 1. ALL WORK SHALL CONFORM TO THE LATEST REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE, NFPA, UL, ADA AND ALL OTHER GOVERNING AGENCIES HAVING JURISDICTION.
- 2. DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF SYSTEMS AND WORK. FOLLOW DRAWINGS IN LAYING OUT WORK AND CHECK DRAWINGS OF OTHER TRADES TO VERIFY SPACE CONDITIONS. MAINTAIN HEADROOM AND SPACE CONDITIONS.
- 3. VERIFY LOCATIONS OF OUTLETS IN FINISHED ROOMS WITH ARCHITECTURAL DRAWINGS OF INTERIOR DETAILS AND FINISH.
- 4. HOMERUN ALL VOICE, DATA AND VIDEO OUTLET CABLES VIA CONDUIT STUB-UPS, DRYWALLS AND ACCESSIBLE CEILINGS DIRECTLY TO THE TELECOMMUNICATION ROOMS AS INDICATED ON THE DRAWINGS.
- 5. INSTALL NEW WORK AND CONNECT TO EXISTING WORK, WHEN APPLICABLE, WITH MINIMUM INTERFERENCE TO EXISTING FACILITIES. TEMPORARY SHUTDOWNS: ONLY WITH WRITTEN CONSENT OF OWNER. MAINTAIN CONTINUOUS OPERATION OF EXISTING FACILITIES. ALARM AND EMERGENCY SYSTEMS ARE NOT TO BE
- FIRESTOPPING SHALL BE INSTALLED WHENEVER WIRING OR RACEWAYS CROSS FIRE RATED CONSTRUCTION.
 PROVIDE FIRESTOPPING FOR ALL SLEEVE AND CONDUIT PENETRATIONS THROUGH RATED PARTITIONS OR
 FLOORS IN ACCORDANCE WITH THE SPECIFICATIONS. PENETRATIONS SHALL BE VIA APPROVED
 FIRESTOPPING DEVICES
- 7. ANY DAMAGE TO PARTITIONS, FLOORS, CEILINGS OR ANY PART OF THE BUILDING OR EQUIPMENT CAUSED BY THE WORK OF THE CONTRACTOR SHALL BE MADE GOOD AT NO ADDITIONAL EXPENSE TO THE OWNER.
- 8. ALL CUTTING AND PATCHING SHALL BE COORDINATED WITH THE GENERAL CONTRACTOR.
- 9. UPON COMPLETION OF THE WORK, THREE MARKED-UP SETS OF "AS-BUILT" DRAWINGS SHALL BE SUBMITTED TO THE OWNER AND TWO SETS TO THE BUILDING MANAGER.
- 10. COMMUNICATIONS CONTRACTOR SHALL VISIT AND EXAMINE CAREFULLY THE EXISTING AREAS AFFECTED BY THIS WORK AND BECOME FAMILIAR WITH EXISTING CONDITIONS. CONTRACTOR SHALL PERFORM THIS PRIOR TO SUBMITTING A PROPOSAL. SUBMISSION OF A PROPOSAL SHALL BE CONSTRUED AS EVIDENCE THAT SUCH AN EXAMINATION HAS BEEN MADE AND LATER CLAIMS WILL NOT BE RECOGNIZED FOR EXTRA LABOR, EQUIPMENT OR MATERIALS REQUIRED BECAUSE OF DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORESEEN HAD SUCH AN EXAMINATION BEEN MADE.
- 11. CONTRACTOR, BEFORE INSTALLING ANY OF THE WORK, SHALL SEE THAT IT DOES NOT INTERFERE WITH CLEARANCES REQUIRED FOR FINISHED COLUMNS, HUNG CEILINGS, PLASTER, PARTITIONS, WALLS, ETC., AS SHOWN IN THE ARCHITECTURAL DRAWINGS AND DETAILS. IF ANY WORK IS SO INSTALLED AND IT LATER DEVELOPS THAT SUCH DETAILS OR DESIGN CANNOT BE FOLLOWED, CONTRACTOR AT CONTRACTOR'S OWN EXPENSE SHALL MAKE SUCH CHANGES IN THE WORK AS DIRECTED BY THE ARCHITECT, AS WELL AS TO PERMIT THE INSTALLATION OF THE ARCHITECTURAL WORK AS SHOWN ON THE PLANS AND DETAILS.
- 12. FINAL ACCEPTANCE IS TO BE MADE AFTER THE CONTRACTOR HAS DEMONSTRATED THAT THE WORK FULFILLS THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS.
- 13. ANY BLOCK WALLS WITHOUT EXISTING PENETRATION MUST BE CORED/DRILLED BY CONTRACTOR BASED ON FIELD COORDINATION.
- 14. ALL WORK SUBJECT TO FULL FIELD COORDINATION BY CONTRACTOR.
- 15. COORDINATE INSTALLATION OF CONDUITS, CABLE TRAYS AND J-HOOKS WITH ALL OTHER COMPONENTS AND/OR TRADES WITHIN THE CEILING SPACE.
- 16. COORDINATE WITH ELECTRICAL CONTRACTOR FOR THE ROUTING OF ALL STUB-UPS AND/OR RACEWAYS TO EACH TELECOM OUTLET BOX. STUB-UPS AND RACEWAYS SHALL BE RUN TO THE NEAREST ACCESSIBLE CEILING SPACE.
- 17. STANDARD OUTLET MOUNTING HEIGHT SHALL BE THE SAME AS ELECTRICAL HEIGHT, UNLESS OTHERWISE NOTED. EXACT LOCATION OF OUTLETS SHALL BE AS INDICATED ON THE ARCHITECTURAL DRAWINGS.
- 18. LABEL ALL RACKS, FRAMES, CABINETS, BLOCKS, CABLES, CABLE SUPPORTS, ETC. IN ACCORDANCE WITH EIA/TIA 606.
- 19. OUTLET IDENTIFICATION NUMBERING SHALL BE AS DIRECTED BY OWNERS MIS DEPARTMENT. INSTALLATION SHALL COMPLY WITH SPECIFICATIONS. EACH CABLING SHALL BE TAGGED AT ALL TERMINATION POINTS.

COMMUNICATIONS ELEVATOR MACHINE

- 1. ELECTRICAL CONTRACTOR'S SCOPE: FURNISH AND INSTALL ONE (1) 2" CONDUIT PATHWAY TO EACH AND EVERY ELEVATOR MACHINE ROOM (REFER TO THE MOST CURRENT REVISION OF BICSI TELECOMMUNICATIONS DISTRIBUTION METHODS MANUAL FOR PULL BOX SIZING, PULL BOX LOCATING, AND CONDUIT BEND RADIUS). TELECOMMUNICATIONS CONTRACTOR COORDINATION REQUIRED.
- 2. TELECOMMUNICATIONS CONTRACTOR'S SCOPE: FURNISH AND INSTALL ONE (1) STRUCTURED CABLING CATEGORY 6A LINK TO THE ELEVATOR CONTROLLER(S) FOR EACH AND EVERY ELEVATOR CAB, AND ONE (1) STRUCTURED CABLING CATEGORY 6A LINK FOR EACH ELEVATOR MACHINE ROOM. THESE CABLING LINKS SHALL ORIGINATE FROM THE DESIGNATED (NEAREST) TELECOMMUNICATION ROOM AND EXTEND TO EACH ELEVATOR MACHINE ROOM. THE EXACT OUTLET HANDOFF LOCATION SHALL BE COORDINATED WITH THE ELEVATOR CONTRACTOR. PATHWAY COORDINATION WITH THE ELECTRICAL CONTRACTOR IS REQUIRED PRIOR TO INSTALLATION OF CONDUIT.

COMMUNICATIONS GROUNDING & BONDING NOTES

- 1. GROUNDING SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITIES, AND SUBJECT TO THE APPROVAL OF THE ELECTRICAL ENGINEER.
- 2. ALL GROUND WIRES AND BONDING JUMPERS SHALL BE GREEN INSULATED COPPER. ALL GROUND WIRES SHALL BE WITHOUT JOINTS AND SPLICES OVER THE ENTIRE LENGTH.
- 3. WHERE IT IS NECESSARY TO PLACE BONDING CONDUCTORS IN FERROUS METAL CONDUIT THAT EXCEEDS 3' IN LENGTH, THE CONDUCTORS SHALL BE BONDED TO EACH END OF THE CONDUIT. OBTAIN WRITTEN AUTHORIZATION FROM ENGINEER PRIOR TO UTILIZING FERROUS METAL CONDUITS FOR GROUNDING CONDUCTORS.
- 4. INSTALL BONDING AND GROUNDING CONDUCTORS IN DIRECT, STRAIGHT PATHS WITH NO "SLACK" COPPER LOOPS OR EXTRA LENGTHS. BENDS SHALL BE KEPT TO A MINIMUM, AND SHALL HAVE A RADIUS OF 4", MINIMUM.
- 5. PROVIDE AN INSULATED, STRANDED UNINTERRUPTED BONDING CONDUCTOR BETWEEN THE TMGB AND THE NEAREST BUILDING STEEL COLUMN, IF APPLICABLE. THE BONDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE BUILDING COLUMN AND MECHANICALLY BONDED TO THE TMGB WITH A TWO HOLE LUG THAT IS HYDRAULICALLY CRIMPED ONTO THE CONDUCTOR.
- 6. PROVIDE AN INSULATED, STRANDED UNINTERRUPTED BONDING CONDUCTOR BETWEEN THE TMGB AND THE MAIN ELECTRICAL PANEL ALTERNATING CURRENT EQUIPMENT GROUND THAT IS SERVING THE BUILDING. THE BONDING CONDUCTOR SHALL BE MECHANICALLY BONDED TO BOTH THE TMGB AND THE GROUND BAR IN THE ELECTRICAL PANEL WITH TWO HOLE LUGS THAT ARE HYDRAULICALLY CRIMPED ONTO EACH END OF THE BONDING CONDUCTOR.
- 7. PROVIDE AN INSULATED, UNINTERRUPTED TELECOMMUNICATIONS BONDING BACKBONE (TBB) CONDUCTOR BETWEEN THE TMGB AND ALL THE TGBS INDICATED ON THE DRAWINGS. MECHANICALLY BOND THE TBB TO THE TMGB WITH A TWO HOLE LUG THAT IS HYDRAULICALLY CRIMPED ONTO THE END OF THE TBB. BOND EACH TGB TO THE TBB WITH AN INSULATED, STRANDED, UNINTERRUPTED BONDING CONDUCTOR. THE BONDING CONDUCTOR SHALL BE MECHANICALLY BONDED TO BOTH THE TGB AND THE TBB. AT THE TGB, UTILIZE A TWO HOLE LUG THAT IS HYDRAULICALLY CRIMPED ONTO THE END OF THE BONDING CONDUCTOR. AT THE TBB, UTILIZE A HYDRAULICALLY CRIMPED BONDING LUG. REMOVE ONLY AS MUCH INSULATION FROM
- 8. PROVIDE AN INSULATED, UNINTERRUPTED GROUNDING CONDUCTOR FROM EACH TGB TO THE NEAREST ACCESSIBLE STEEL BUILDING COLUMN, IF APPLICABLE. THE BONDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE BUILDING COLUMN AND MECHANICALLY BONDED TO THE TGB WITH A TWO HOLE LUG THAT IS HYDRAULICALLY CRIMPED ONTO THE CONDUCTOR.

THE TBB AS IS NECESSARY AND PRACTICAL TO COMPLETE THE BOND.

9. PROVIDE AN INSULATED, UNINTERRUPTED GROUNDING CONDUCTOR FROM EACH TGB TO GROUND BAR IN THE ELECTRICAL DISTRIBUTION PANEL SERVING THE TELECOMMUNICATIONS LOADS IN THAT ROOM. THE BONDING CONDUCTOR SHALL BE MECHANICALLY BONDED TO BOTH THE TGB AND THE GROUND BAR IN THE ELECTRICAL PANEL WITH TWO HOLE LUGS THAT ARE HYDRAULICALLY CRIMPED ONTO EACH END OF THE

COMMUNICATIONS PATHWAY NOTES

1. CONDUITS AND SLEEVES ARE SHOWN DIAGRAMMATICALLY AS COMMUNICATION PATHWAY REQUIREMENTS. EXACT ROUTING, BENDS, PULL-BOX LOCATIONS, ETC. ARE SUBJECT TO FIELD CONDITIONS AND SHALL BE COORDINATED WITH ELECTRICAL ENGINEER. REFER TO ELECTRICAL DRAWINGS FOR DETAILS.

- COMMUNICATIONS CONDUIT RUNS SHALL BE INSTALLED WITH:
 A. NO BEND IN EXCESS OF 90-DEGREES.
- B. NO AGGREGATE OF BENDS GREATER THAN 180-DEGREES BETWEEN PULL BOXES OR PULL POINTS.
 C. NO CONTINUOUS SECTION IN EXCESS OF 100'.
 D. NO BENDS OCCURRING WITHIN PULL BOXES.
- 3. COMMUNICATIONS CONDUIT BENDS SHALL BE INSTALLED WITH:

 A. A BEND RADIUS OF 6-TIMES THE CONDUIT'S INNER DIAMETER FOR CONDUITS 2 TRADE SIZE OR SMALLER.
- SIZE.

B. A BEND RADIUS OF 10-TIMES THE CONDUIT'S INNER DIAMETER FOR CONDUITS GREATER THAN 2 TRADE

- 4. COMMUNICATIONS CONDUIT SYSTEM SHALL BE PROPERLY BONDED IN ACCORDANCE WITH ALL NATIONAL OR LOCAL REQUIREMENTS.
- ELECTRICAL CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF FIELD-COORDINATED TELECOM PATHWAYS
 TO ELECTRICAL ENGINEER AND TELECOM ENGINEER FOR REVIEW AND APPROVAL.

COMMUNICATION DRAWING LIST

DRAWING No.	DRAWING TITLE
T000	COMMUNICATIONS COVER SHEET
T121	COMMUNICATIONS SECOND LEVEL FLOOR PLAN - PART A
T121.1	COMMUNICATIONS SECOND LEVEL RCP - PART A
T122	COMMUNICATIONS SECOND LEVEL FLOOR PLAN - PART B
T122.1	COMMUNICATIONS SECOND LEVEL RCP - PART B
T123	COMMUNICATIONS SECOND LEVEL FLOOR PLAN - PART C
T123.1	COMMUNICATIONS SECOND LEVEL RCP - PART C
T131	COMMUNICATIONS THIRD LEVEL FLOOR PLAN - PART A
T131.1	COMMUNICATIONS THIRD LEVEL RCP - PART A
T132	COMMUNICATIONS THIRD LEVEL FLOOR PLAN - PART B
T132.1	COMMUNICATIONS THIRD LEVEL RCP - PART B
T133	COMMUNICATIONS THIRD LEVEL FLOOR PLAN - PART C
T133.1	COMMUNICATIONS THIRD LEVEL RCP - PART C
T200	COMMUNICATIONS PART PLAN & ELEVATIONS
T201	COMMUNICATIONS PART PLAN & ELEVATIONS
T202	COMMUNICATIONS PART PLAN & ELEVATIONS

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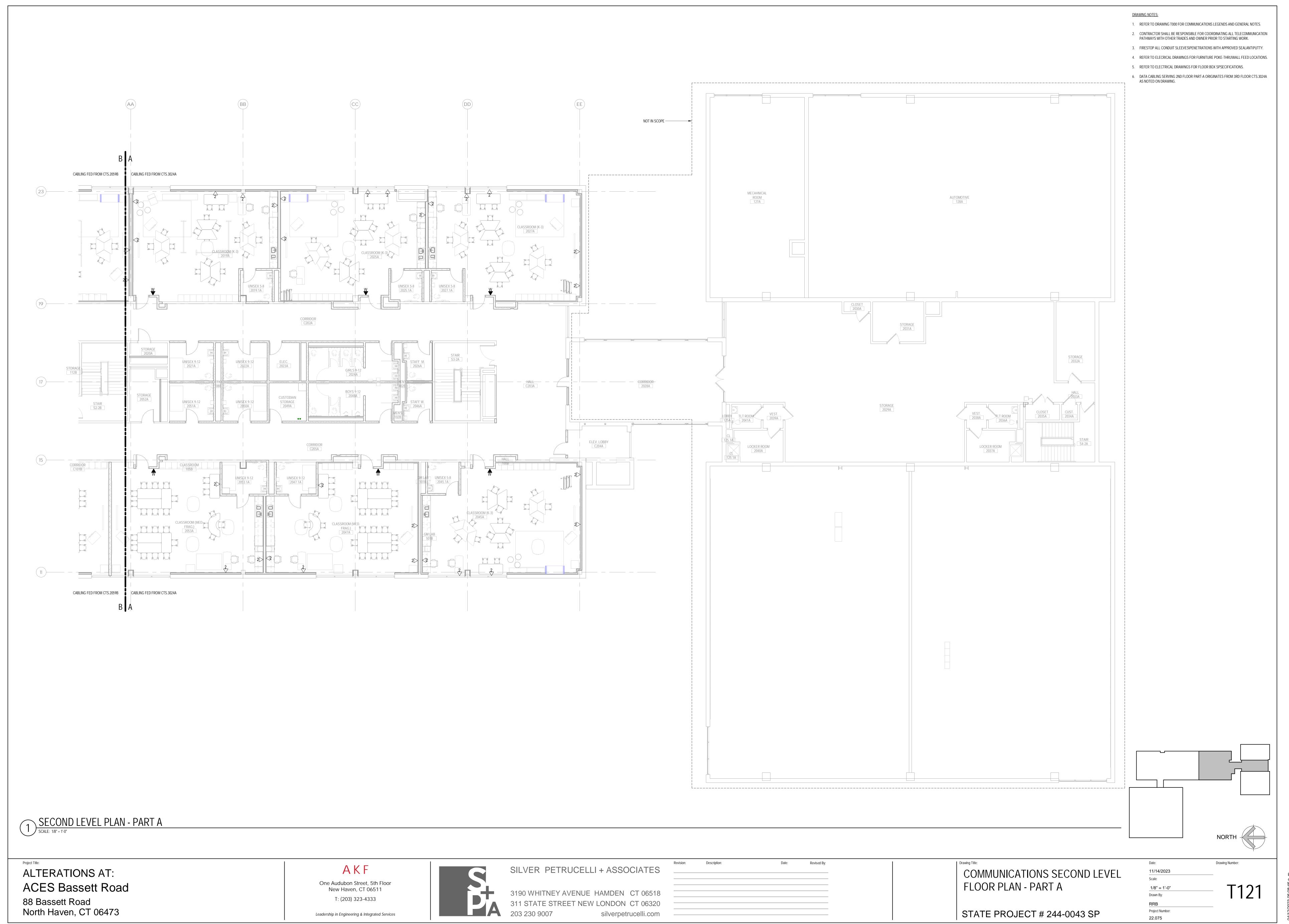


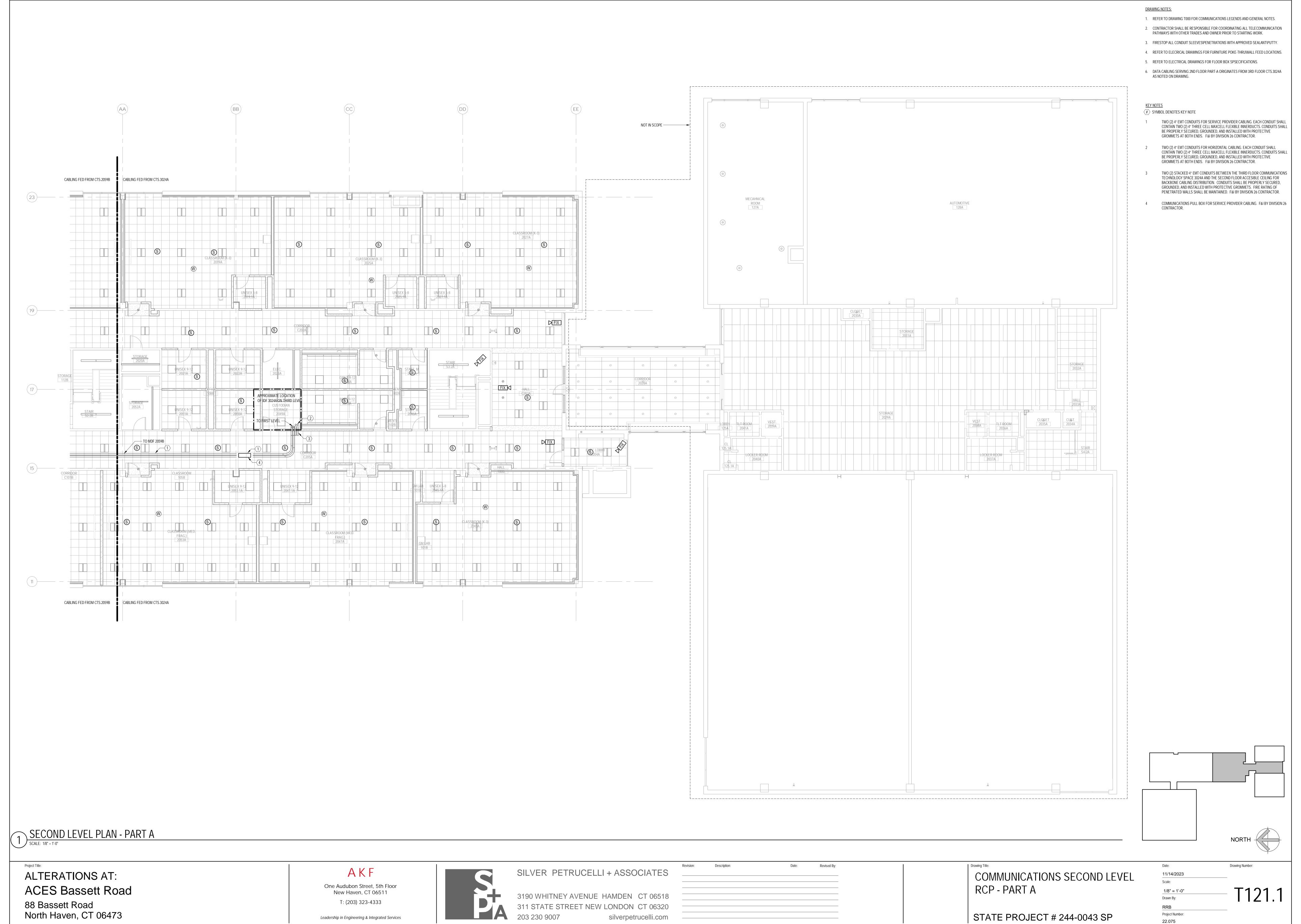
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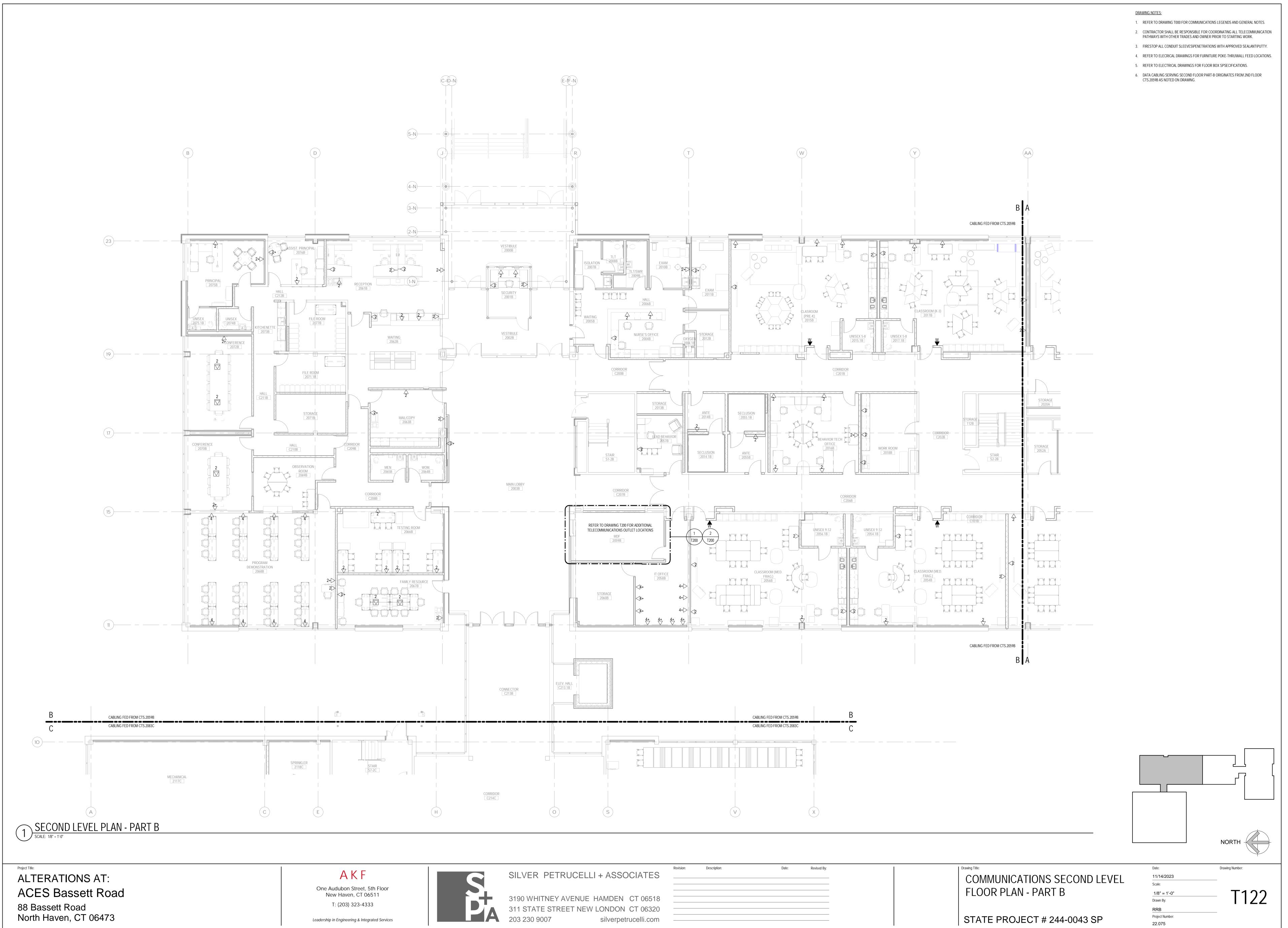
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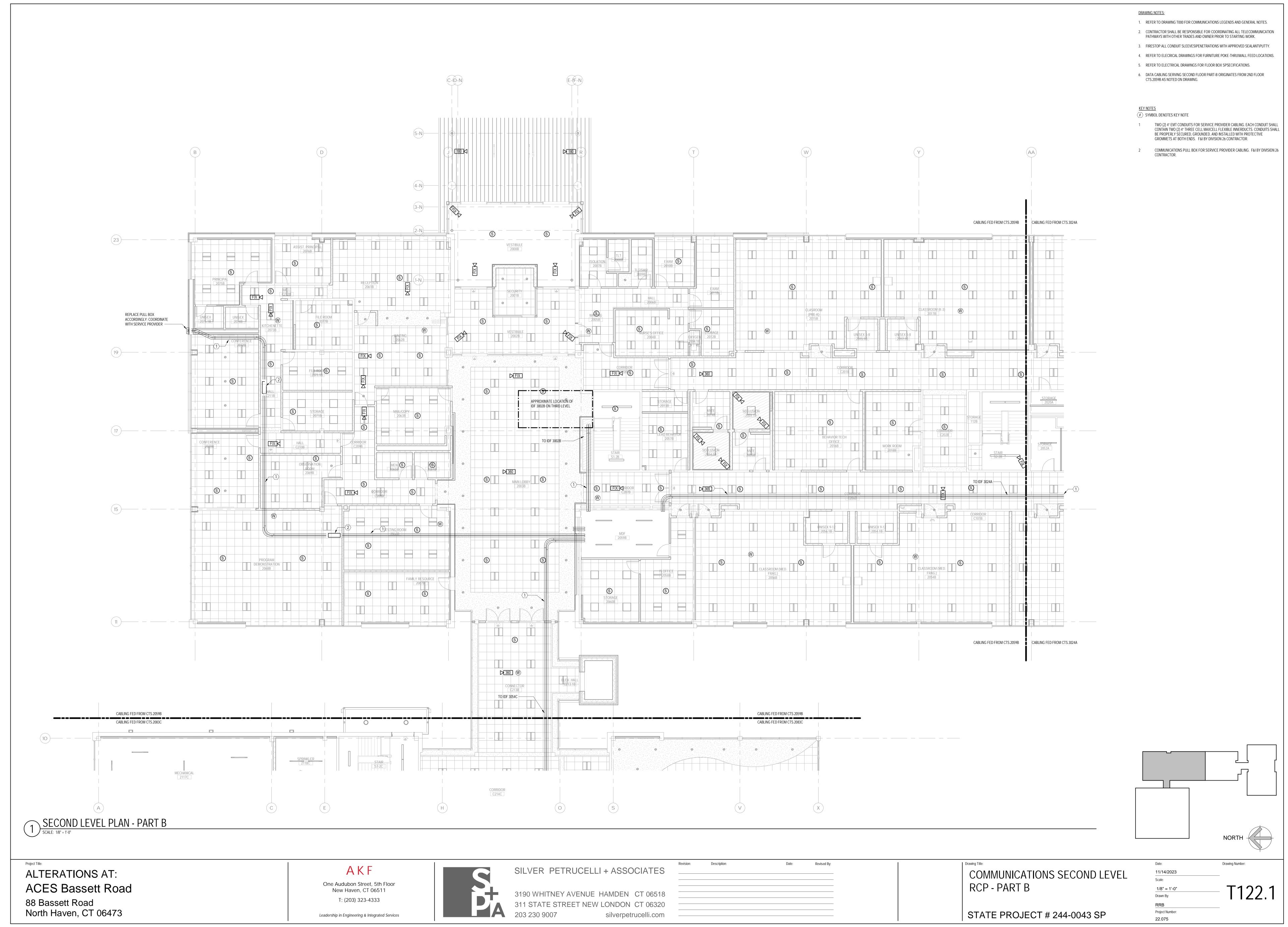




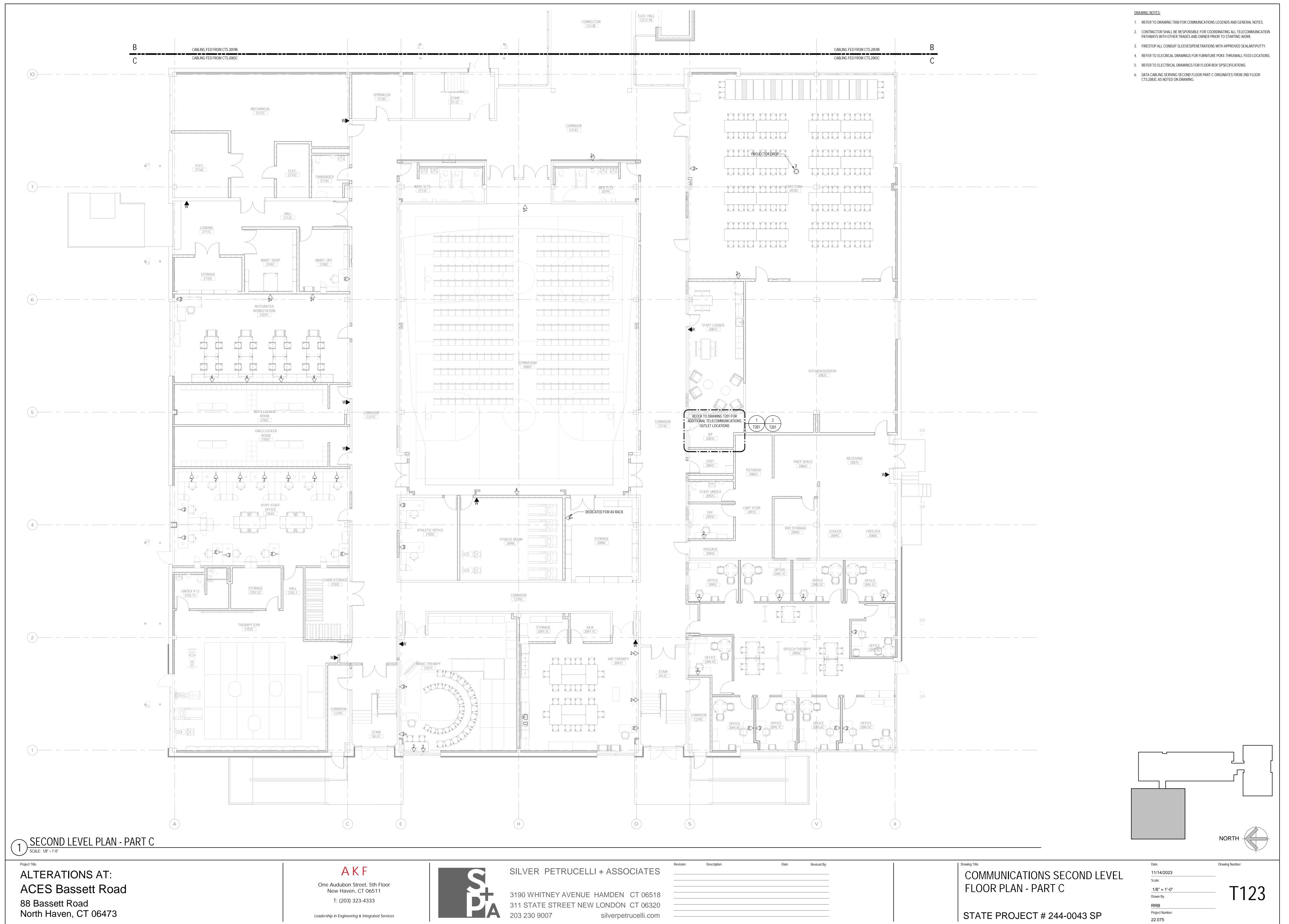
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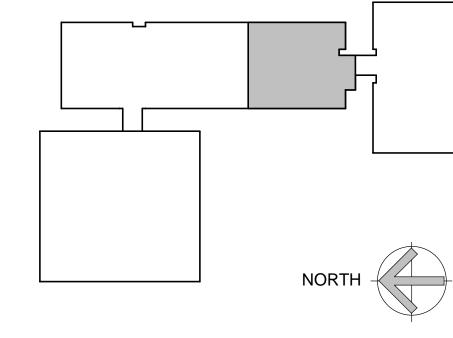
<u>DRAWING NOTES:</u>

- 1. REFER TO DRAWING T000 FOR COMMUNICATIONS LEGENDS AND GENERAL NOTES.
- 2. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL TELECOMMUNICATION PATHWAYS WITH OTHER TRADES AND OWNER PRIOR TO STARTING WORK.
- FIRESTOP ALL CONDUIT SLEEVES\PENETRATIONS WITH APPROVED SEALANT\PUTTY.
 REFER TO ELECRICAL DRAWINGS FOR FURNITURE POKE-THRU\WALL FEED LOCATIONS.
- 5. REFER TO ELECTRICAL DRAWINGS FOR FLOOR BOX SPSECIFICATIONS.
- 6. DATA CABLING SERVING 3RD FLOOR PART-A ORIGINATES FROM 3RD FLOOR CTS.3024A AS NOTED ON DRAWING.



THIRD LEVEL PLAN - PART A

SCALE: 1/8" = 1'-0"



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Revised By:

COMMUNICATIONS THIRD LEVEL FLOOR PLAN - PART A

STATE PROJECT # 244-0043 SP

Date:

11/14/2023

Scale:

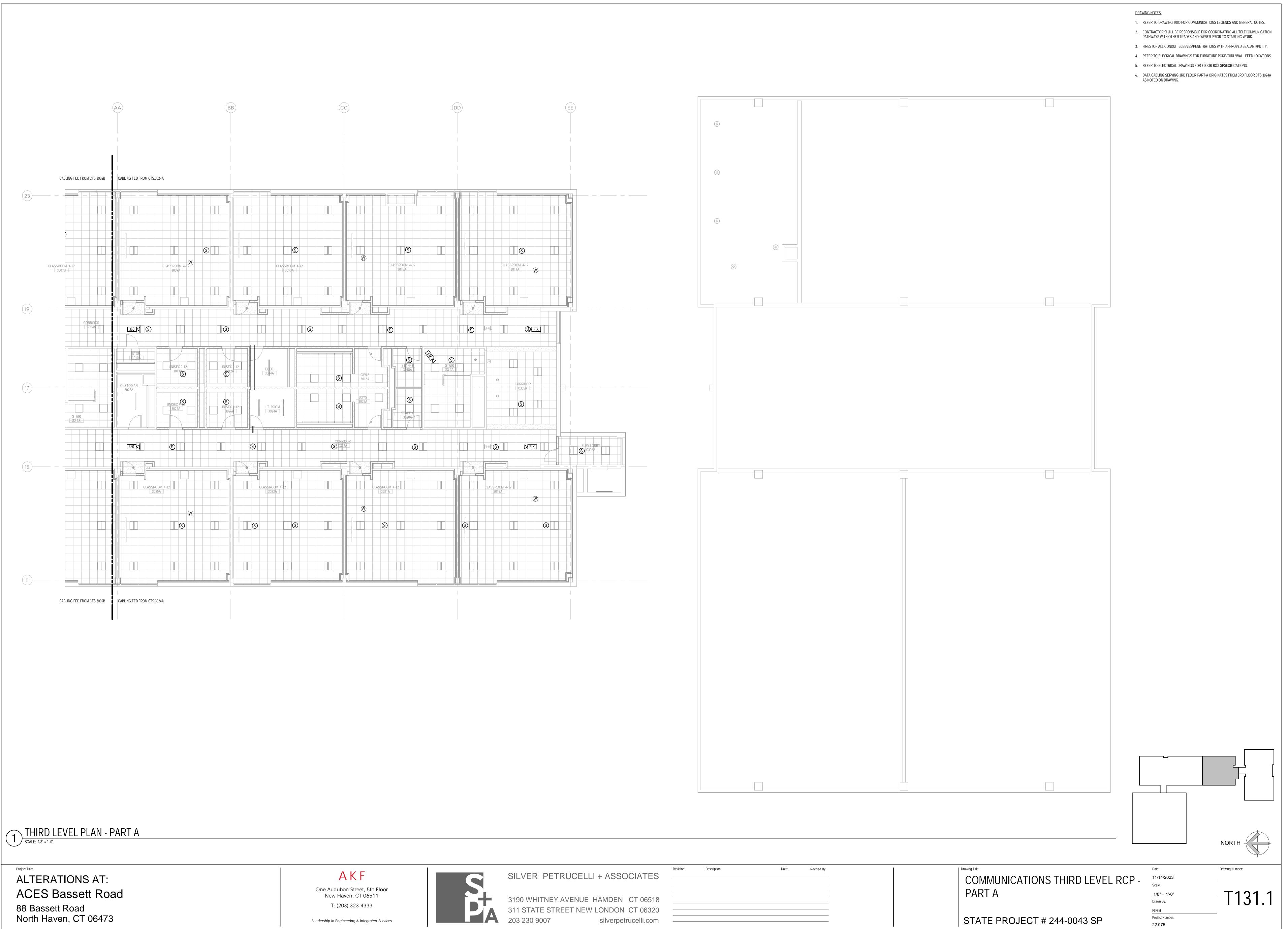
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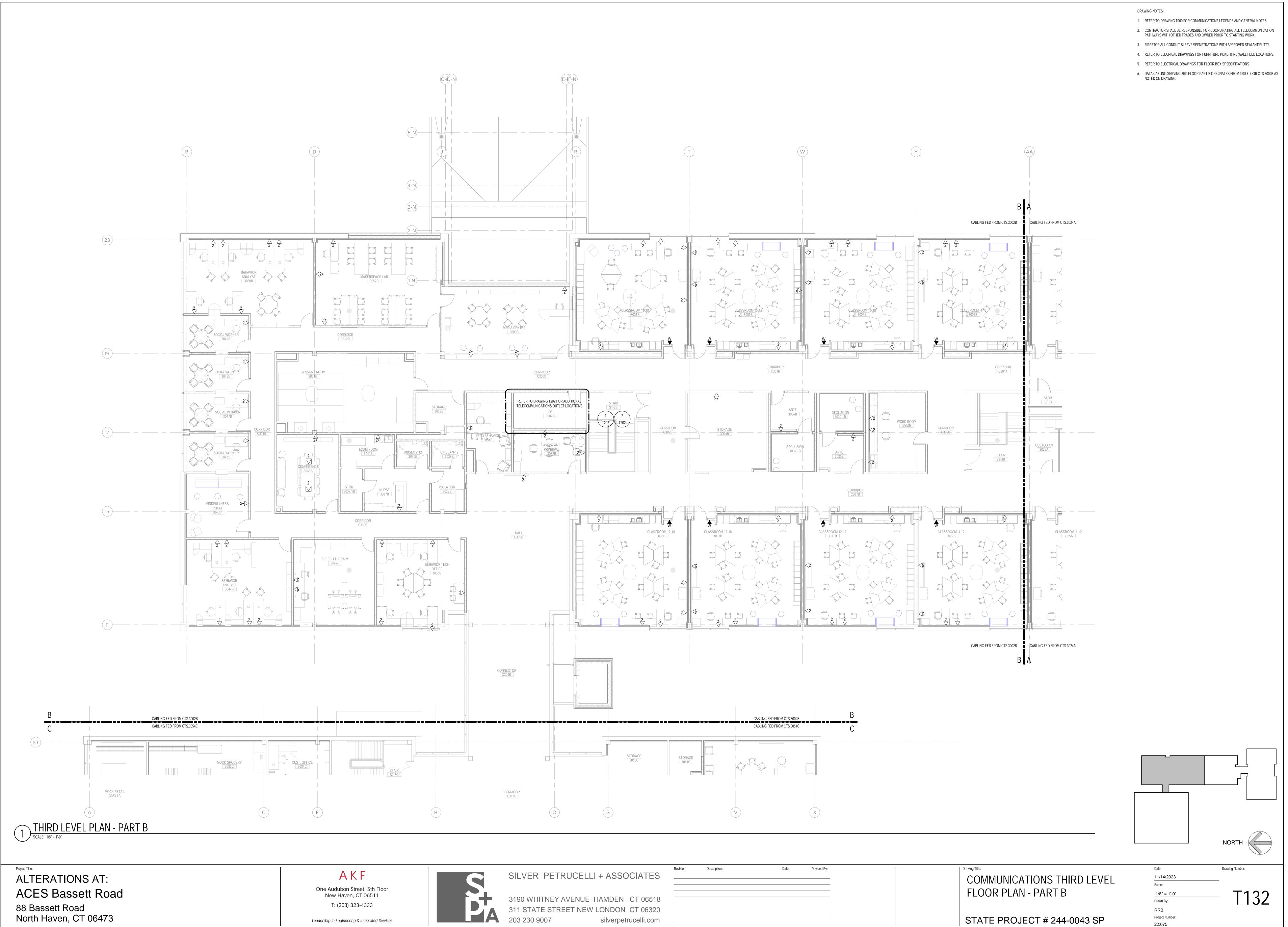
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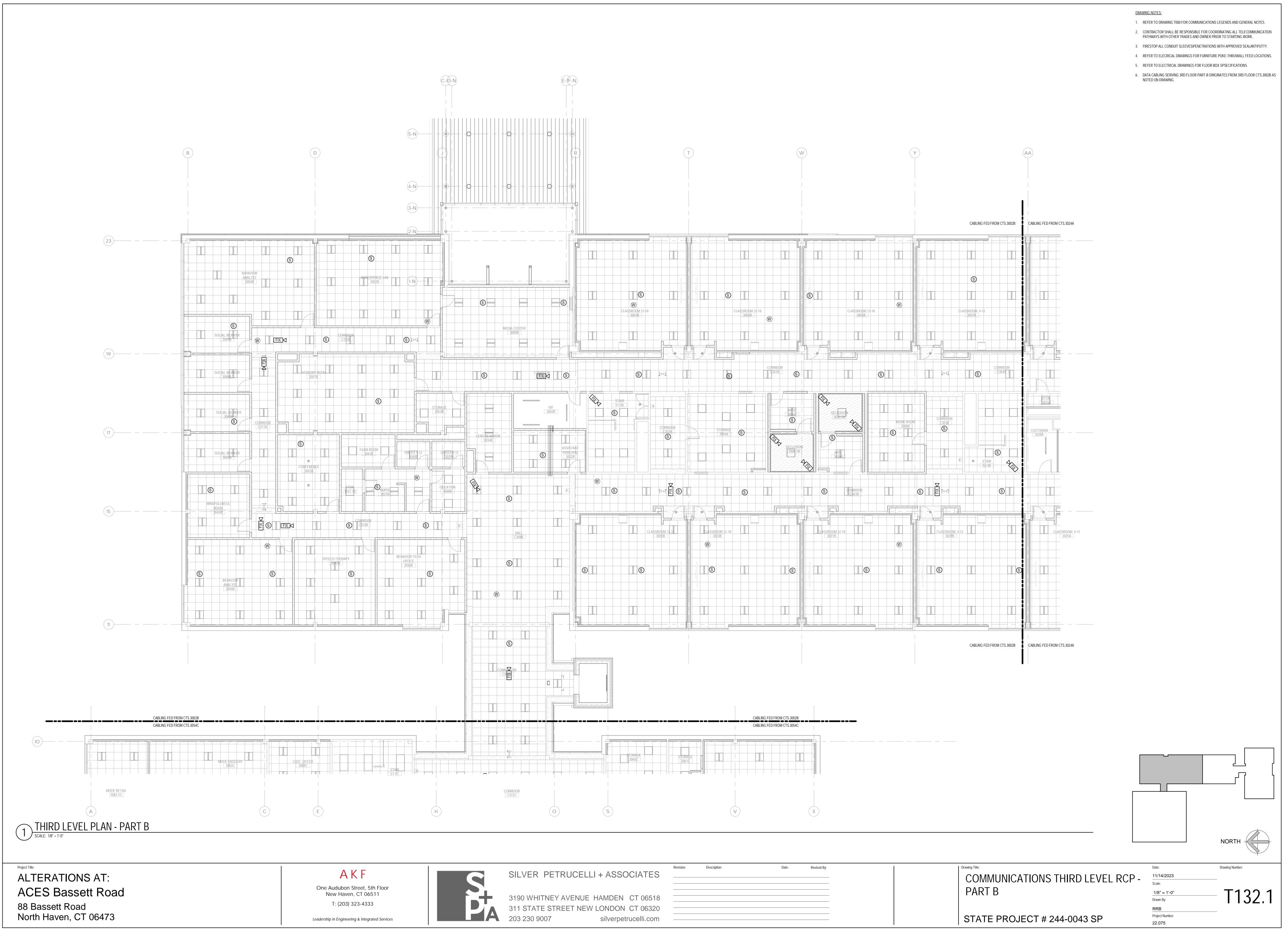
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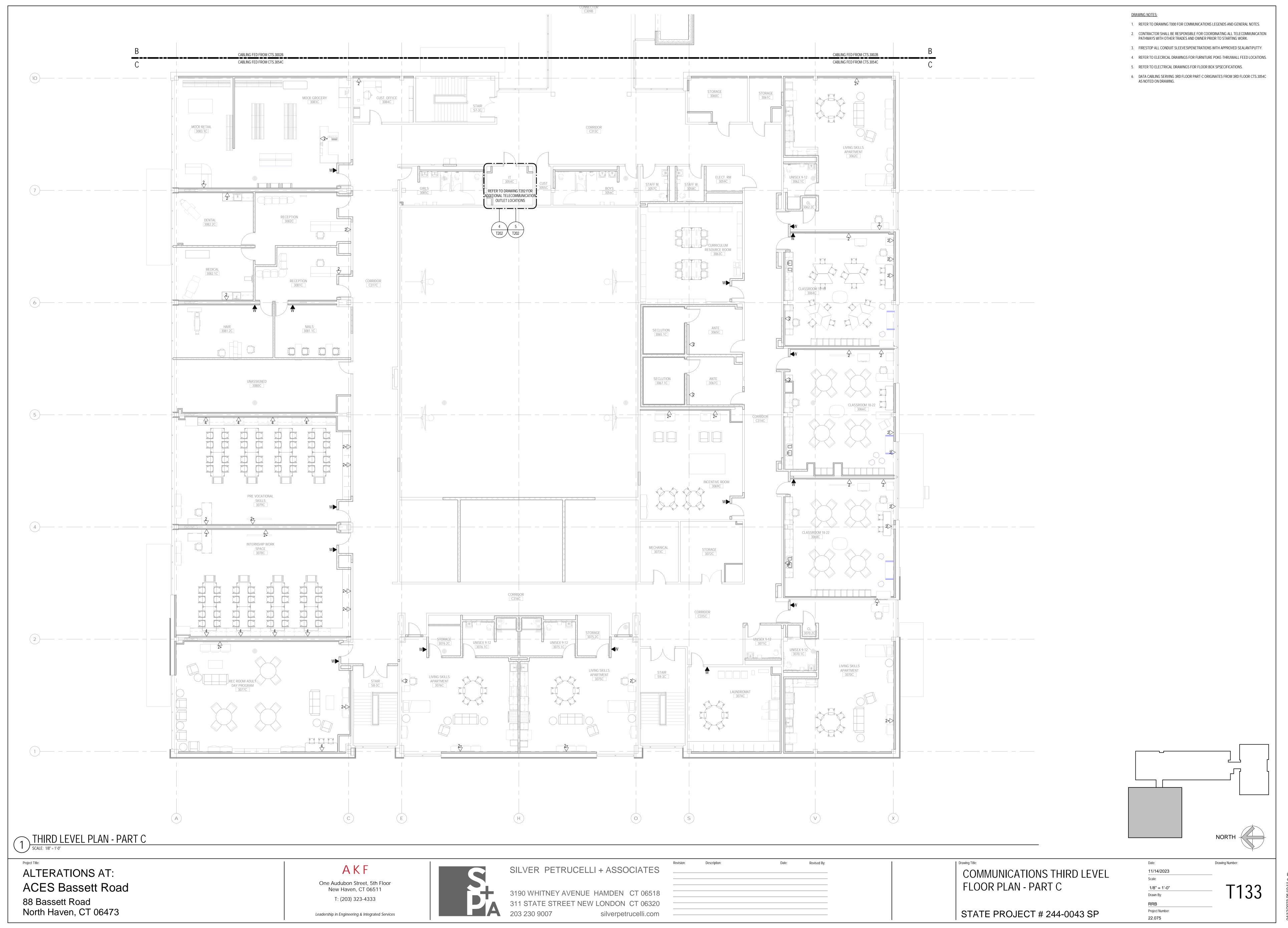
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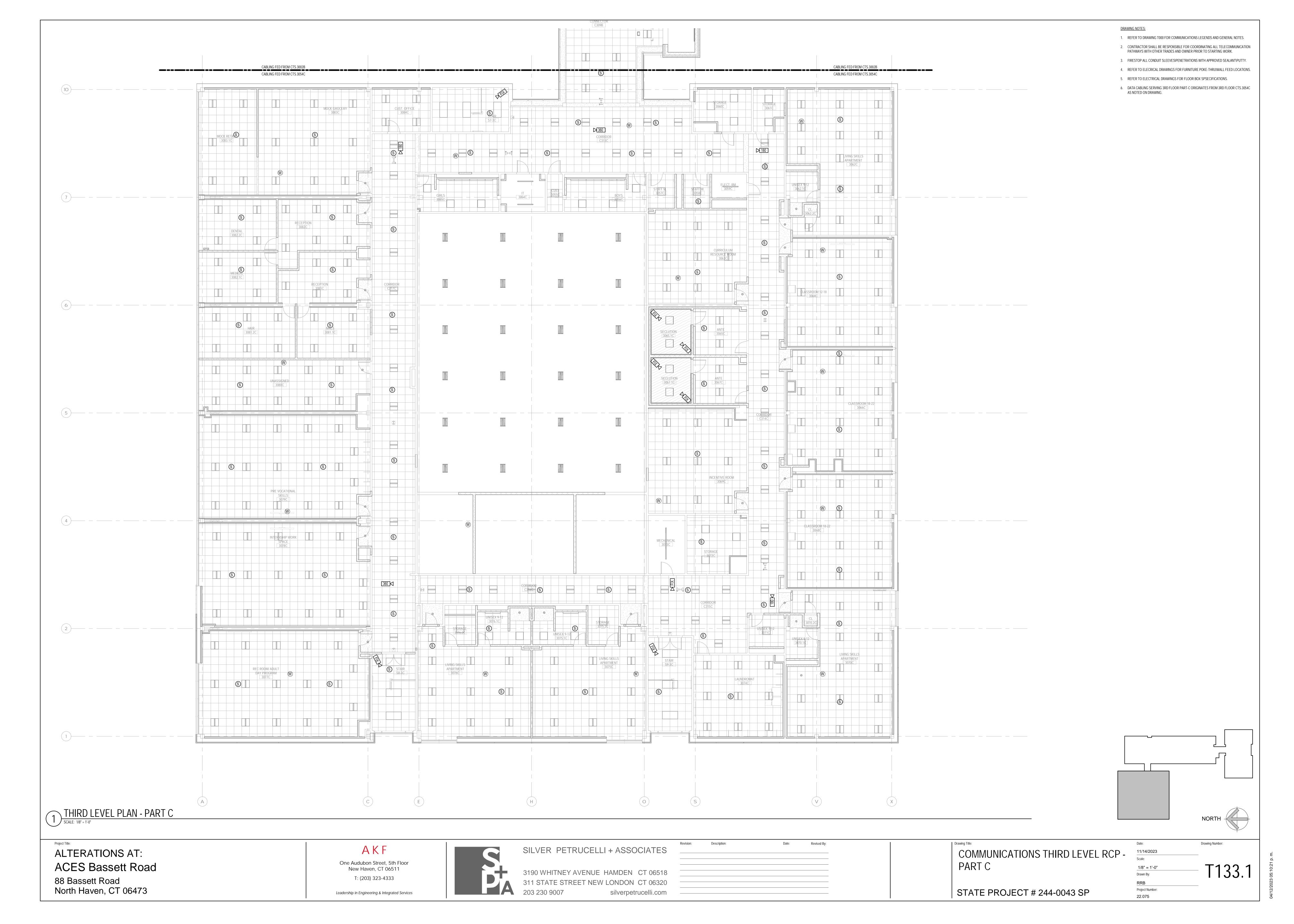


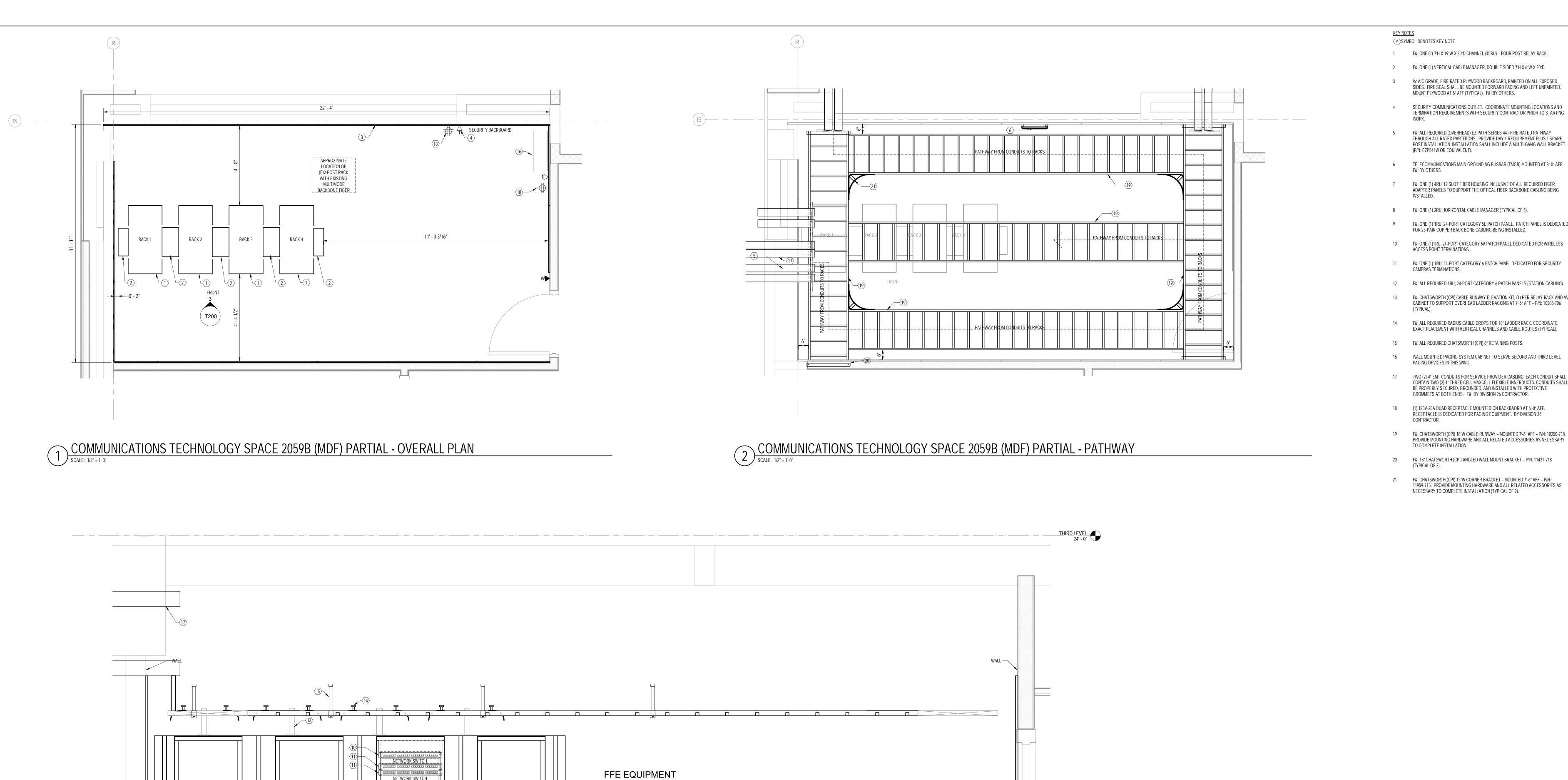
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#>SYMBOL DENOTES KEY NOTE

1 F&I ONE (1) 7'H X 19"W X 30"D CHANNEL (45RU) – FOUR POST RELAY RACK.

F&I ONE (1) VERTICAL CABLE MANAGER, DOUBLE SIDED 7'H X 6"W X 20"D.

34" A/C GRADE, FIRE RATED PLYWOOD BACKBOARD, PAINTED ON ALL EXPOSED SIDES. FIRE SEAL SHALL BE MOUNTED FORWARD FACING AND LEFT UNPAINTED.

MOUNT PLYWOOD AT 6" AFF (TYPICAL). F&I BY OTHERS. SECURITY COMMUNICATIONS OUTLET. COORDINATE MOUNTING LOCATIONS AND

TERMINATION REQUIREMENTS WITH SECURITY CONTRACTOR PRIOR TO STARTING

F&I ALL REQUIRED (OVERHEAD) EZ PATH SERIES 44+ FIRE RATED PATHWAY THROUGH ALL RATED PARTITIONS. PROVIDE DAY 1 REQUIREMENT PLUS 1 SPARE POST INSTALLATION. INSTALLATION SHALL INCLUDE A MULTI-GANG WALL BRACKET (P/N: EZP544W OR EQUIVALENT).

TELECOMMUNICATIONS MAIN GROUNDING BUSBAR (TMGB) MOUNTED AT 8'-0" AFF.

7 F&I ONE (1) 4RU, 12 SLOT FIBER HOUSING INCLUSIVE OF ALL REQUIRED FIBER ADAPTER PANELS TO SUPPORT THE OPTICAL FIBER BACKBONE CABLING BEING

F&I ONE (1) 2RU HORIZONTAL CABLE MANAGER (TYPICAL OF 5).

F&I ONE (1) 1RU, 24-PORT CATEGORY 5E PATCH PANEL. PATCH PANEL IS DEDICATED FOR 25-PAIR COPPER BACK BONE CABLING BEING INSTALLED.

F&I ONE (1)1RU, 24-PORT CATEGORY 6A PATCH PANEL DEDICATED FOR WIRELESS ACCESS POINT TERMINATIONS.

11 F&I ONE (1) 1RU, 24-PORT CATEGORY 6 PATCH PANEL DEDICATED FOR SECURITY CAMERAS TERMINATIONS.

13 F&I CHATSWORTH (CPI) CABLE RUNWAY ELEVATION KIT, (1) PER RELAY RACK AND AV

CABINET TO SUPPORT OVERHEAD LADDER RACKING AT 7'-6" AFF – P/N: 10506-706

14 F&I ALL REQUIRED RADIUS CABLE DROPS FOR 18" LADDER RACK. COORDINATE

EXACT PLACEMENT WITH VERTICAL CHANNELS AND CABLE ROUTES (TYPICAL).

15 F&I ALL REQUIRED CHATSWORTH (CPI) 6" RETAINING POSTS.

(TYPICAL).

WALL MOUNTED PAGING SYSTEM CABINET TO SERVE SECOND AND THIRD LEVEL PAGING DEVICES IN THIS WING.

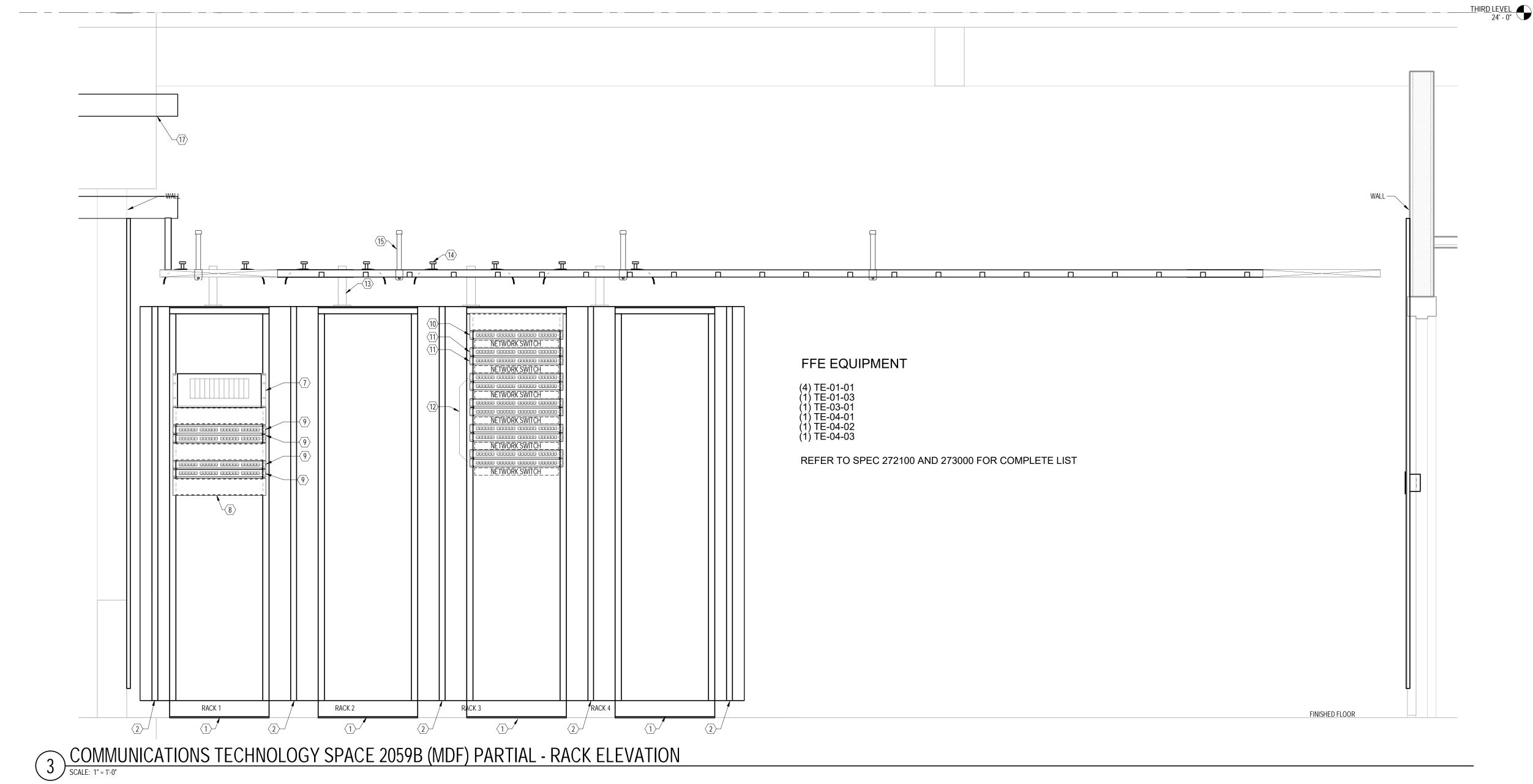
TWO (2) 4" EMT CONDUITS FOR SERVICE PROVIDER CABLING. EACH CONDUIT SHALL CONTAIN TWO (2) 4" THREE CELL MAXCELL FLEXIBLE INNERDUCTS. CONDUITS SHALL BE PROPERLY SECURED, GROUNDED, AND INSTALLED WITH PROTECTIVE GROMMETS AT BOTH ENDS. F&I BY DIVISION 26 CONTRACTOR.

18 (1) 120V-20A QUAD RECEPTACLE MOUNTED ON BACKBAORD AT 6'-0" AFF. RÉCEPTACLE IS DEDICATED FOR PAGING EQUIPMENT. BY DIVISION 26

F&I CHATSWORTH (CPI) 18"W CABLE RUNWAY – MOUNTED 7'-6" AFF – P/N: 10250-718. PROVIDE MOUNTING HARDWARE AND ALL RELATED ACCESSORIES AS NECESSARY TO COMPLETE INSTALLATION.

F&I 18" CHATSWORTH (CPI) ANGLED WALL MOUNT BRACKET - P\N: 11421-718 (TYPICAL OF 3).

F&I CHATSWORTH (CPI) 15"W CORNER BRACKET – MOUNTED 7'-6" AFF – P/N: 11959-715. PROVIDE MOUNTING HARDWARE AND ALL RELATED ACCESSORIES AS NECESSARY TO COMPLETE INSTALLATION (TYPICAL OF 2).



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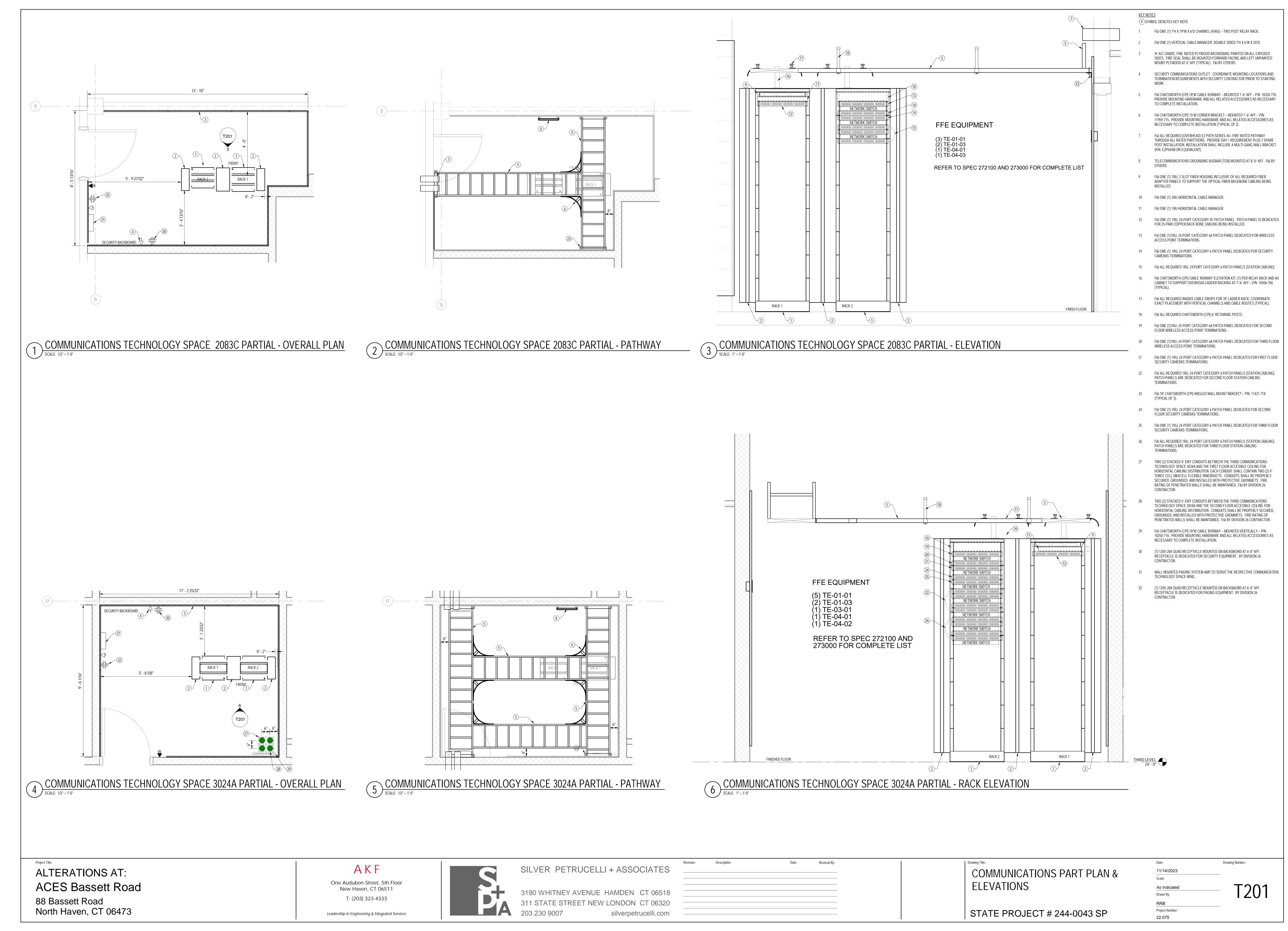
COMMUNICATIONS PART PLAN & **ELEVATIONS**

STATE PROJECT # 244-0043 SP

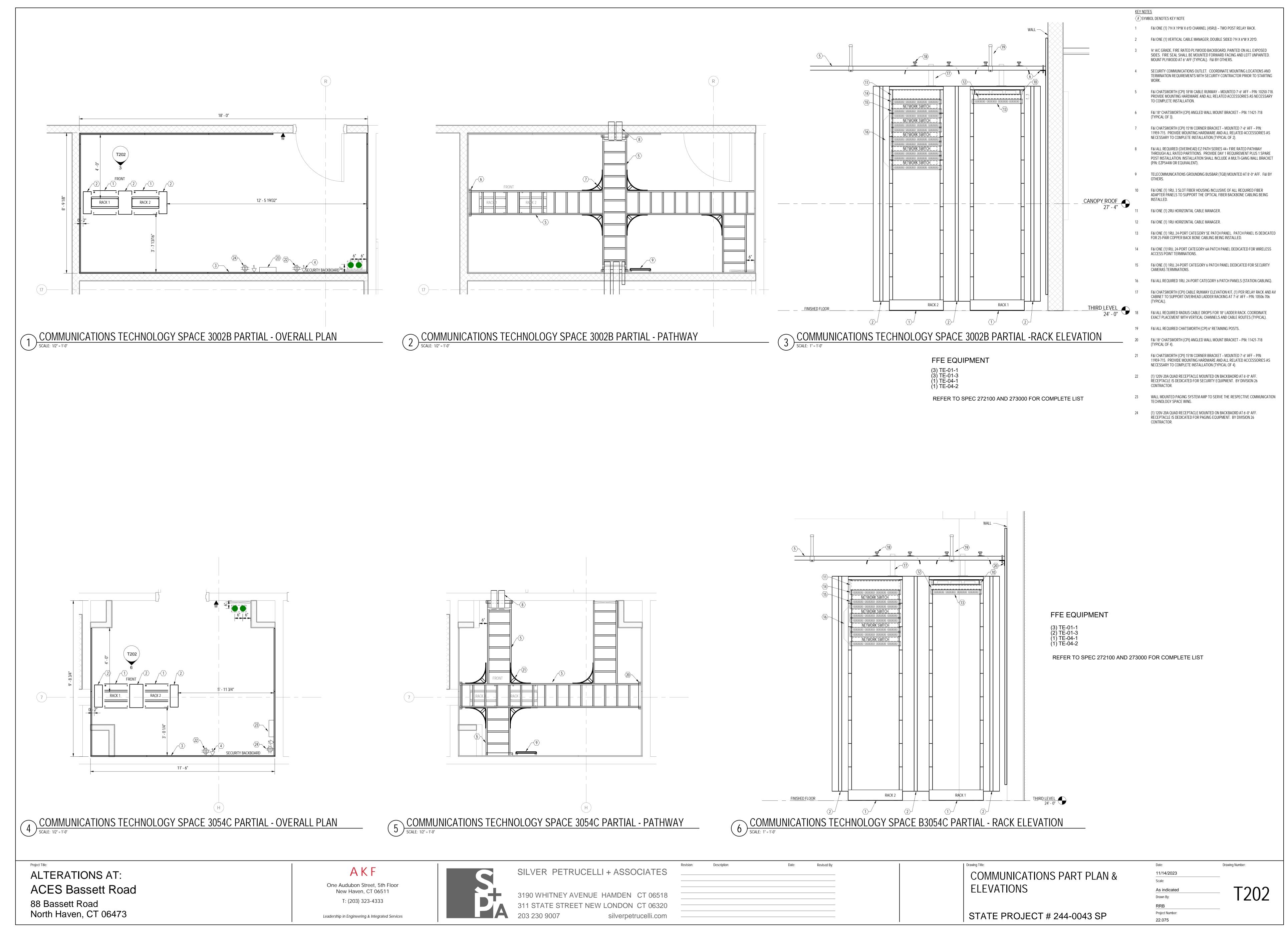
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