

# PRESENTATION U YOUNG LIBRARY

## UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY

UK PPD RENOVATIONS GROUP  
215 PETERSON SERVICE BUILDING  
LEXINGTON, KY 40506

### DRAWING INDEX

- A-101 ARCHITECTURAL PLAN
- E-101 ELECTRICAL
- M-101 MECHANICAL PLAN

#### PROJECT DESCRIPTION

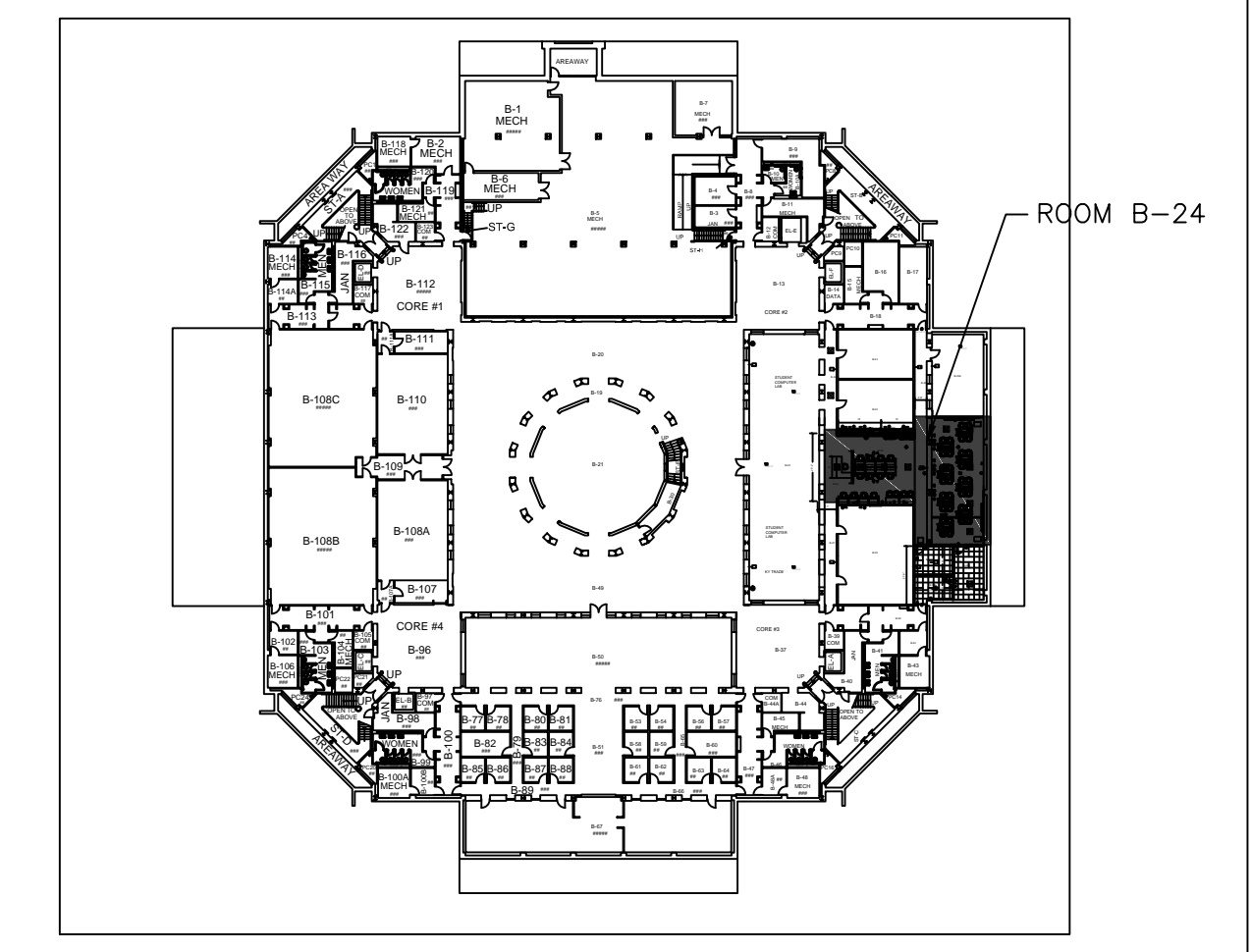
PARTIAL RENOVATION OF FIVE ROOMS IN THE BASEMENT OF YOUNG LIBRARY TO CREATE THREE NEW OFFICES FOR THE NEW PRESENTATION LEARNING CENTER AS WELL AS CREATING OPEN LEARNING AREAS FOR THE CENTER. PROJECT WILL INCLUDE ELECTRICAL, HVAC MODIFICATIONS, REORGANIZING THE CURRENT LAYOUT, FIT AND FINISH UPGRADES.

#### GENERAL NOTES

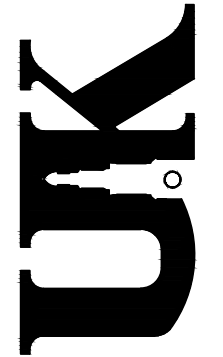
1. GENERAL NOTES, WHEREVER THEY ARE FOUND, APPLY TO ALL WORK IN THE PROJECT, UNLESS OTHERWISE INDICATED IN THE KEY NOTES. KEY NOTES APPLY ONLY TO THE SHEET ON WHICH THEY ARE FOUND, UNLESS OTHERWISE STATED. THE MEANING OF NOTE SYMBOLS AND NUMBERS VARIES FROM SHEET TO SHEET.
2. CONTRACTOR SHALL INVESTIGATE EXISTING PROJECT THOROUGHLY PRIOR TO BID, QUOTE AND/OR CONSTRUCTION. ALTERATIONS AND RENOVATIONS OF THE EXISTING BUILDING ARE SUCH THAT NOT EVERY FACET OF THE WORK CAN BE DESCRIBED, OR GRAPHICALLY ILLUSTRATED HEREIN. PRIOR TO BIDDING, THE CONTRACTOR(S) SHALL REVIEW THE ENTIRE SCOPE OF WORK AND PERSONALLY SURVEY THE EXISTING STRUCTURE TO FAMILIARIZE THEMSELVES WITH ALL REQUIREMENTS NECESSARY TO COMPLETE THE WORK AND MAY AT THEIR OWN EXPENSE TEST/EXAMINE WALLS/MATERIALS TO BE REMOVED TO CONFIRM ASSUMED CONDITIONS. FAILURE TO COMPLY MAY RESULT IN ADDITIONAL EXPENSE TO THE CONTRACTOR FOR WHICH THE OWNER WILL NOT BE RESPONSIBLE.
3. PROVIDE ALL NECESSARY STRUCTURAL BRACING, REINFORCEMENT, AND/OR SUPPORT AT ALL WALLS, OPENINGS, AND AREAS AFFECTED BY NEW CONSTRUCTION, AND AS REQUIRED BY ALL APPLICABLE CODES. CONSTRUCTION SHALL MEET ALL APPLICABLE CODES, AND SHALL BE INSPECTED BY APPROPRIATE AGENCIES.
4. CONTRACTOR SHALL ARRANGE AND PAY FOR ALL REQUIRED CODE INSPECTIONS. ALL CODE REPORTS SHALL BE GIVEN TO UK CONSTRUCTION MANAGER AND FIRE MARSHALL VIA EMAIL AT SUBSTANTIAL COMPLETION, SEE 28. NOTE 26 FOR MORE INFO.
5. SUBMIT ALL MOULDINGS, FINISH, AND MATERIAL SELECTIONS WITH THE OWNER PRIOR TO CONSTRUCTION (WITHIN 14 DAYS OF AWARD).
6. UNLESS OTHERWISE INDICATED NEW CONSTRUCTION OR WORK WHERE EXISTING BASE HAS BEEN REMOVED SHALL HAVE NEW BASE INSTALLED TO MATCH EXISTING.
7. IN ALL AREAS OF DEMOLITION FOR NEW CONSTRUCTION OR AREAS DISTURBED BY NEW CONSTRUCTION, REPAIR OR REPLACE SURROUNDING AND/OR EXISTING CONSTRUCTION TO ALLOW NEW CONSTRUCTION TO SEAMLESSLY INCORPORATE.
8. LOCATE EXISTING UTILITIES PRIOR TO CONSTRUCTION. COORDINATE WITH OWNERS REPRESENTATIVE WHEN RELOCATION OR ALTERATION OF ANY UTILITY SERVICE IS REQUIRED.
9. REPAIR AND/OR RELOCATE EXISTING SERVICES AS REQUIRED.
10. REPAIR AND/OR REPLACE DAMAGED EXISTING MATERIALS IN AREA OF WORK AS REQUIRED.
11. EXISTING CONDITIONS INDICATED ON THE DRAWINGS SHALL BE VERIFIED BY THE CONTRACTOR. THE CONTRACTOR SHALL VERIFY EXISTING DIMENSIONS, MATERIALS AND METHODS OF CONSTRUCTION AND COORDINATE WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL NOTIFY THE OWNERS REPRESENTATIVE OF SIGNIFICANT DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THE CONTRACT DOCUMENTS PRIOR TO COMMENCING WORK.
12. ALL MATERIALS, FINISHES, DETAILS AND METHODS OF CONSTRUCTION TO MATCH EXISTING UNLESS OTHERWISE NOTED.
13. OWNER DOES NOT ACCEPT OR ASSUME RESPONSIBILITY FOR ERRORS BY CONTRACTORS AND/OR OTHER PARTIES PROVIDING SERVICES OR WORK ON THE PROJECT, FOR THE FAILURE OF SUCH CONTRACTORS AND OTHER PARTIES TO FOLLOW DRAWINGS AND PROJECT MANUAL REQUIREMENTS, NOR FOR ADDITIONAL EXPENSES INCURRED DUE TO CHANGES MADE NECESSARY BY APPLICABLE LAWS, ORDINANCES AND CODES, EXISTING CONDITIONS, EQUIPMENT MODIFICATIONS, OR SUBSTITUTION FOR MATERIALS INDICATED IN THE DRAWINGS OR IN THE PROJECT MANUAL.
14. THE TERMS: "PROVIDE" AND "INSTALL", AS USED THROUGHOUT THE NOTES AND/OR CONTRACT DOCUMENTS IS DEFINED AS: SUPPLY, INSTALL, FINISH AND TEST EACH ITEM AS APPLICABLE, UNLESS OTHERWISE NOTED.
15. ALL DOOR PRODUCTS AND INSTALLATIONS SHALL COMPLY WITH THE REQUIREMENTS FOR EMERGENCY EGRESS.
16. FOR ALL MASONRY WALLS AND INTERIOR STUD WALLS TO BE REMOVED, REMOVE WALLS IN SUCH A MANNER TO MAKE EXISTING FLOOR LEVEL AT THAT LOCATION AND TO MATCH SURROUNDING FLOOR SURFACES. FILL AND GRIND EXISTING FLOOR AS NECESSARY TO PROVIDE LEVEL SURFACE.
17. REFER TO DIMENSIONS AND ENLARGED PLANS WHERE APPLICABLE. DO NOT SCALE DRAWINGS. DIMENSIONS SHOWN ARE INTENDED TO DESCRIBE LIMITS OF WORK.
18. ALL AREAS OF CONSTRUCTION WILL RECEIVE TWO COATS OF PAINT (PRIME ALL NEW CONSTRUCTION FIRST), COLOR TO BE SELECTED BY OWNER.
19. INSTALL TEMPORARY HEAT DETECTORS ABOVE CEILING PLANE WHEN EXISTING CEILING IS DEMOLISHED.
20. UNLESS NOTED OTHERWISE EXISTING OUTLETS AND COMMUNICATION/DATA PORTS TO REMAIN IN THEIR CURRENT LOCATION.
21. EXIT SIGNS SHALL BE CONNECTED TO THE BUILDING EMERGENCY POWER SYSTEM.
22. UK COMMUNICATIONS TO PROVIDE APPROPRIATE CONDUIT SCHEMATICS FOR ELECTRICAL CONTRACTOR. 1" CONDUIT TO BE USED AND MUST BE TAKEN BACK TO THE NEAREST COMMUNICATION JUNCTION BOX. IF SURFACE MOUNT APPLICATIONS 2400 WIREMOLD IS ACCEPTABLE.
23. ALL NEW DOOR HARDWARE SHALL BE PROVIDED BY GENERAL CONTRACTOR AND SHALL MATCH BUILDINGS EXISTING HARDWARE. UK KEY SHOP TO INSTALL PERMANENT CORES AND ISSUE KEYS AS PROVIDED BY CONTRACTOR PER NOTE 29 - GENERAL CONTRACTOR TO COORDINATE. CONTRACTOR WILL ALSO PROVIDE TEMPORARY CORES AND KEYS IF NEEDED.
24. PROPERLY PREPARE FLOOR SURFACE PER FINAL FLOOR PRODUCTS MANUFACTURERS INSTRUCTIONS TO PROVIDE A SMOOTH AND DEBRIS FREE SUBSTRATE FOR INSTALLING NEW FLOORING. CONTRACTOR IS EXPECTED TO USE APPROPRIATE CARE TO ENSURE THE FINAL PRODUCT IS INSTALLED LEVEL (EXCEPT WHERE SLOPE IS INDICATED ON PLANS).
25. DEMO'D EQUIPMENT IS THE PROPERTY OF THE UNIVERSITY. COORDINATE REMOVAL WITH OWNERS REPRESENTATIVE.
26. CONTRACTOR WILL BE REQUIRED TO SUBMIT ALL PLANS FOR REVIEW WITH APPROPRIATE LOCAL AND STATE CODE ENFORCEMENT AGENCIES, AND WILL BE RESPONSIBLE FOR ALL FEE'S ASSOCIATED WITH THIS INCLUDING THIRD PARTY SPECIAL INSPECTIONS WHEN REQUIRED, AS WELL AS COORDINATING WITH CODE OFFICIALS FOR ALL REQUIRED INSPECTIONS. THE UK FIRE MARSHALLS OFFICE IS THE AUTHORITY WITH JURISDICTION FOR ARCHITECTURAL AND SPRINKLER ITEMS ON CAMPUS, AND WILL HAVE THE PROJECT ON FILE IN THEIR OFFICE. CONTACT THEM TO OBTAIN C.O.
27. PROVIDE ROOM NUMBER SIGNAGE TO MATCH EXISTING, OR AS SPECIFIED. WALL MOUNTED SIGNS SHALL MEET ADA GUIDELINES INCLUDING BRAILLE LETTERING.
28. OWNER IS RESPONSIBLE FOR TESTING AND IF NEEDED ABATEMENT OF ASBESTOS BEARING MATERIAL, LEAD PAINT, AND OTHER HAZARDOUS MATERIALS. IF DURING THE COURSE OF WORK SUSPICIOUS MATERIAL IS ENCOUNTERED CONTRACTOR SHALL IMMEDIATELY STOP WORK AND CONTACT OWNERS REPRESENTATIVE.
29. CONTRACTOR IS REQUIRED TO OBTAIN A REGISTRY RELEASE LETTER FROM KEY SHOP TO ACCESS THE BITTING RECORDS AND TO COORDINATE IN REGARDS TO INSTALLATION OF NEW LOCKS ON CAMPUS.
30. CONTRACTOR SHALL ORDER A MINIMUM OF TWO KEY BACKS FOR EACH KEYWAY. PREFERRED MANUFACTURERS AND CATALOG SERIES ARE YALE AND STANLEY BEST. - THE SYSTEM MOST COMPATIBLE WITH EXISTING IN BUILDING. CONTRACTOR MUST PROVIDE FROM ONE OF THE TWO LISTED WITH NO SUBSTITUTIONS. CYLINDERS TO BE KEYPED TO AN EXISTING GRAND MASTER KEY SYSTEM. MUST MATCH EXISTING-NO SUBSTITUTION. KEYING REQUIREMENTS TO BE COORDINATED AND COMPLETED AT FACTORY TO PROTECT THE INTEGRITY OF THE SYSTEM. FIELD KEYING WILL NOT BE PERMITTED AND WILL BE CONSIDERED AS JUST CAUSE FOR REJECTION OF SUPPLIER. ALL BITTING LISTS MUST BE APPROVED BY THE SUPERVISOR OF UK'S KEY SHOP BEFORE THEY CAN BE FACTORY KEYPED. ALL KEYS AND CORES MUST BE DELIVERED DIRECTLY TO THE SUPERVISOR OR ASSISTANT SUPERVISOR OF UK'S KEYSHOP, 50 DONOVAN HALL, LEXINGTON, KY (859-257-4789). CONTRACTOR TO COORDINATE WITH UK KEY SHOP TO HAVE THEM INSTALL CORES INTO THE LOCK ASSEMBLY. WHEN THIS TAKES PLACE THE CONTRACTOR IS REQUIRED TO HAVE THE PERSON WHO INSTALLED THE HARDWARE ON SITE TO WORK WITH THE UK KEY SHOP PERSONAL TO ENSURE EACH LOCK WORKS PROPERLY BEFORE MOVING ON TO THE NEXT DOOR. NO KEYS OR CORES WILL GO TO THE CONTRACTOR OR SUPPLIER. THIS WILL BE A CAUSE FOR REJECTION OF THE SUPPLIER AND A REKEYING CHARGE. FURNISH CYLINDERS WITH CONSTRUCTION MASTER KEYING FOR USE DURING THE CONSTRUCTION PHASE. NON-REMOVABLE OR NON-INTERCHANGEABLE CORE CYLINDERS SHALL NOT BE ACCEPTED. UK WANTS LFIC (LARGE FORMAT INTERCHANGEABLE) AND SFIC (SMALL FORMAT INTERCHANGEABLE) CORES. ALL NEWLY PROVIDED KEYWAYS MUST BE RESTRICTED. ANY SUBSTITUTION OF FOREIGN MADE CYLINDERS OR COMPONENTS WILL NOT BE ALLOWED AND WILL BE CAUSE FOR REJECTION OF SUPPLIER.
31. APPROVED 1HR ASSEMBLY.
32. PROJECT CLOSE OUT REQUIREMENTS: IN ADDITION TO APPROVED CODE INSPECTIONS, TRAINING SEMINAR FOR NEW EQUIPMENT, PROJECT MANUALS AND AS-BUILT DRAWINGS, CONTRACTOR SHALL FILL OUT REQUIRED PRODUCT INFORMATION ON EQUIPMENT INVENTORY SHEET ON ITEMS LISTED. THE LIST OF ITEMS AND INVENTORY SHEET ARE LOCATED IN THE SPECIAL CONDITIONS.
33. ANY PENETRATIONS INTO HALLWAY SHALL BE SEALED AND FIRE CAULKED ON BOTH SIDES WITH UL APPROVED 1HR ASSEMBLY.
34. WHERE NEW WALL CONSTRUCTION MEETS EXISTING USE PAINTABLE CAULK TO PROVIDE TIGHT CONTINUOUS CONNECTION.
35. DOOR HARDWARE SHALL BE COMPATIBLE WITH EXISTING IN BUILDING COORDINATE WITH KEY SHOP AS REQUIRED. ALL LOCKSETS SHALL BE LEVER HANDLE YALE 8822 OR SIMILAR. FOR MORE INFORMATION ON OTHER DOOR HARDWARE REQUIREMENTS REFER TO CPMDhttp://www.uky.edu/EVPPA/Facilities/CPMD/standards/div00/div00.htm FROM THIS SITE SELECT DOORS AND WINDOWS. EVEN THOUGH SECTION MAY READ MEDCEN/HOSP ONLY THE REQUIREMENTS WILL APPLY TO THIS PROJECT AS WELL. IGNORE 08700S01 FOR THAT SECTION. FOLLOW INSTRUCTIONS LISTED IN GENERAL NOTE 29.
36. ALL DRYWALL SHALL BE FINISHED IN ACCORDANCE TO NATIONAL GYPSUM LEVEL FOUR GUIDE LINES. ALL NEW WORK SHALL BE PRIMED WITH TWO COATS OF FINISH COLOR APPLIED.
37. ALL WORK AND PRODUCTS SHALL COMPLY WITH SPECIFICATIONS FOR ORIGINAL BUILDING WHICH ARE ON FILE IN THE PPD ARCHIVE AND AVAILABLE FOR CONTRACTOR REVIEW. IF CONFLICTS ARISE CONTRACTOR TO ASSUME THE MORE STRINGENT APPLIES.



#### ROOM LOCATIONS



#### VICINITY MAP



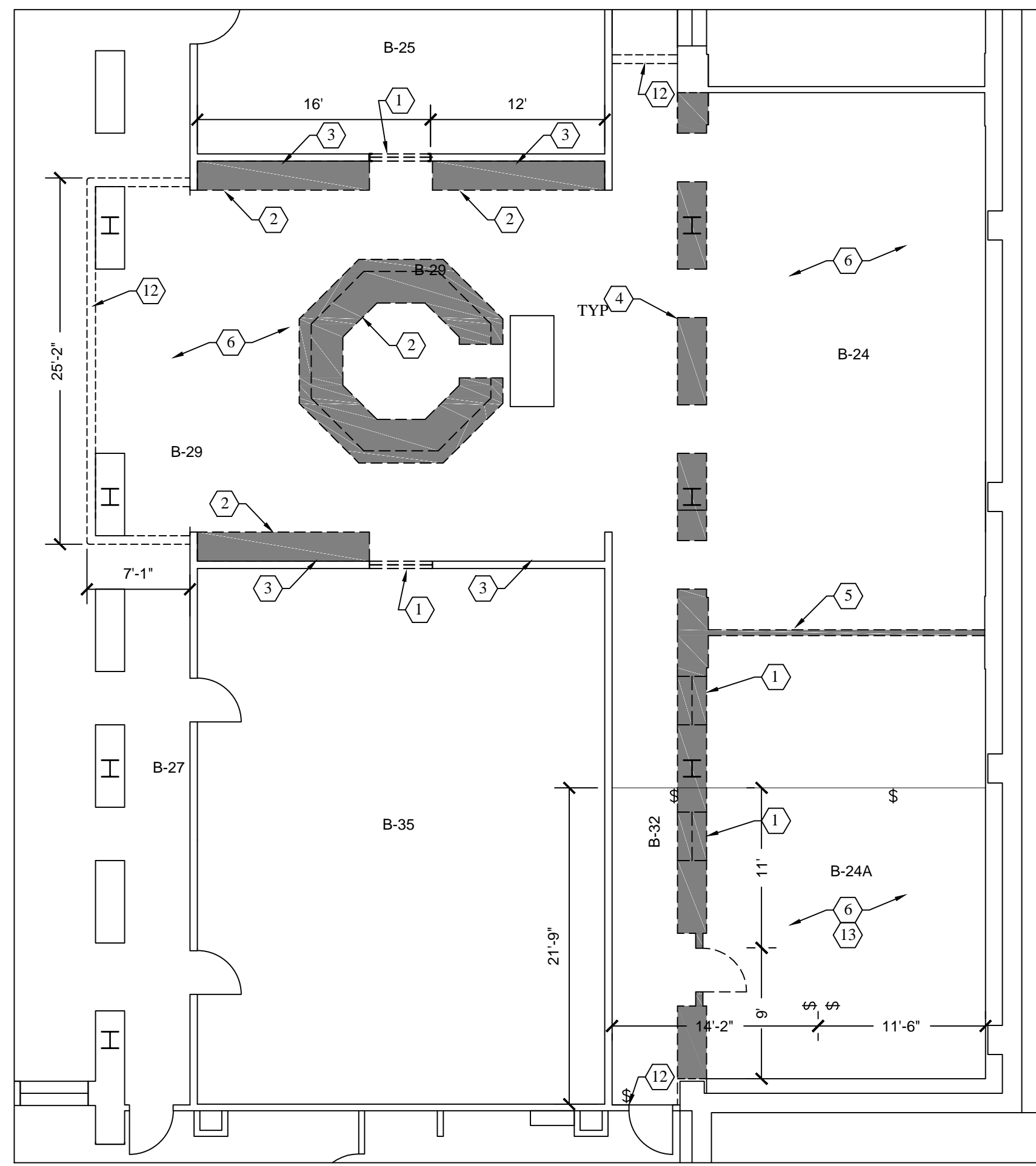
REVISIONS	BY:	DATE

DESIGNED BY: PCK  
DRAWN BY: BNR  
CHECKED BY: STW  
APPROVED BY: XWX  
PROJECT NO.: 807001221142  
DATE: 12-2-2013

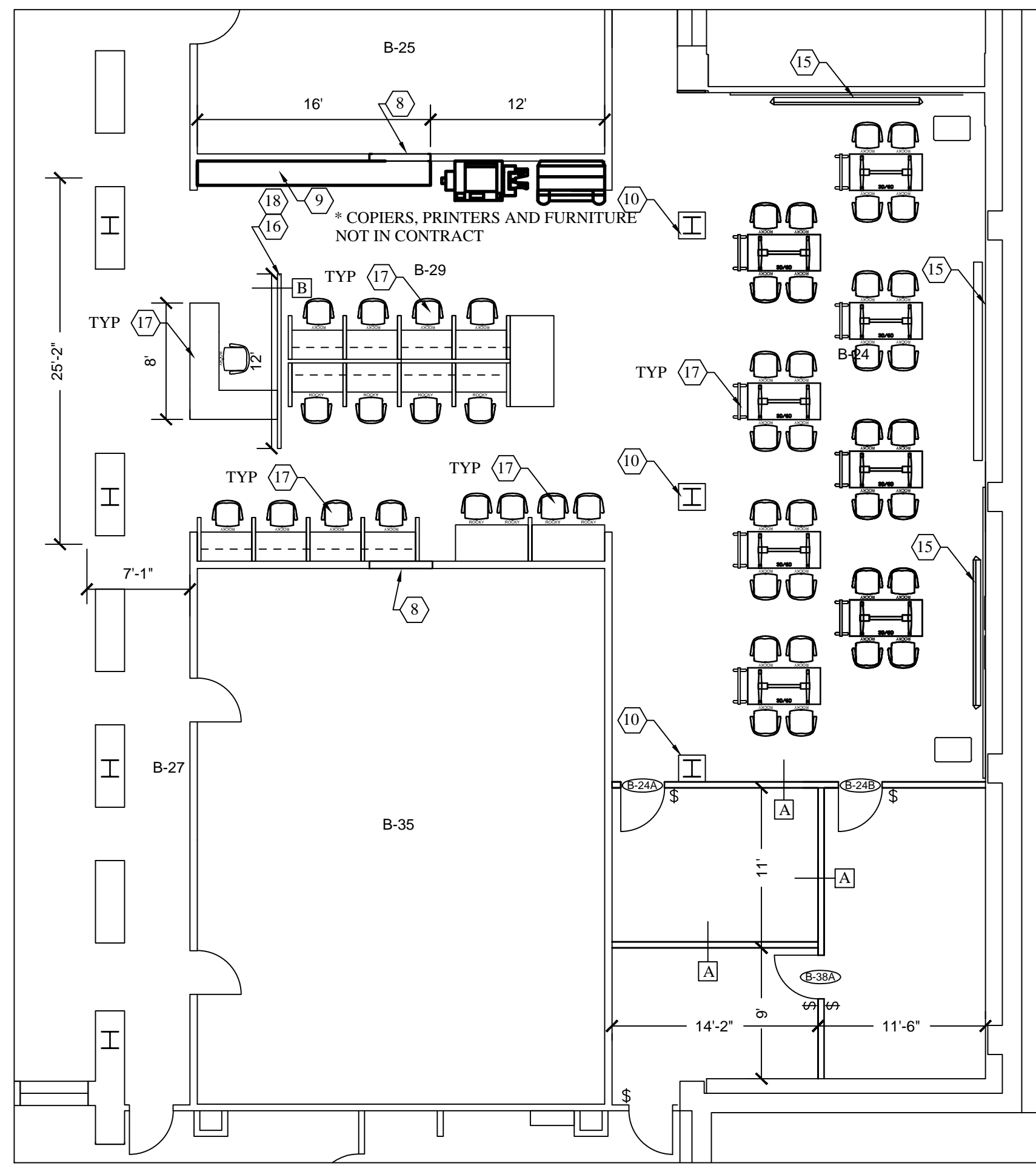
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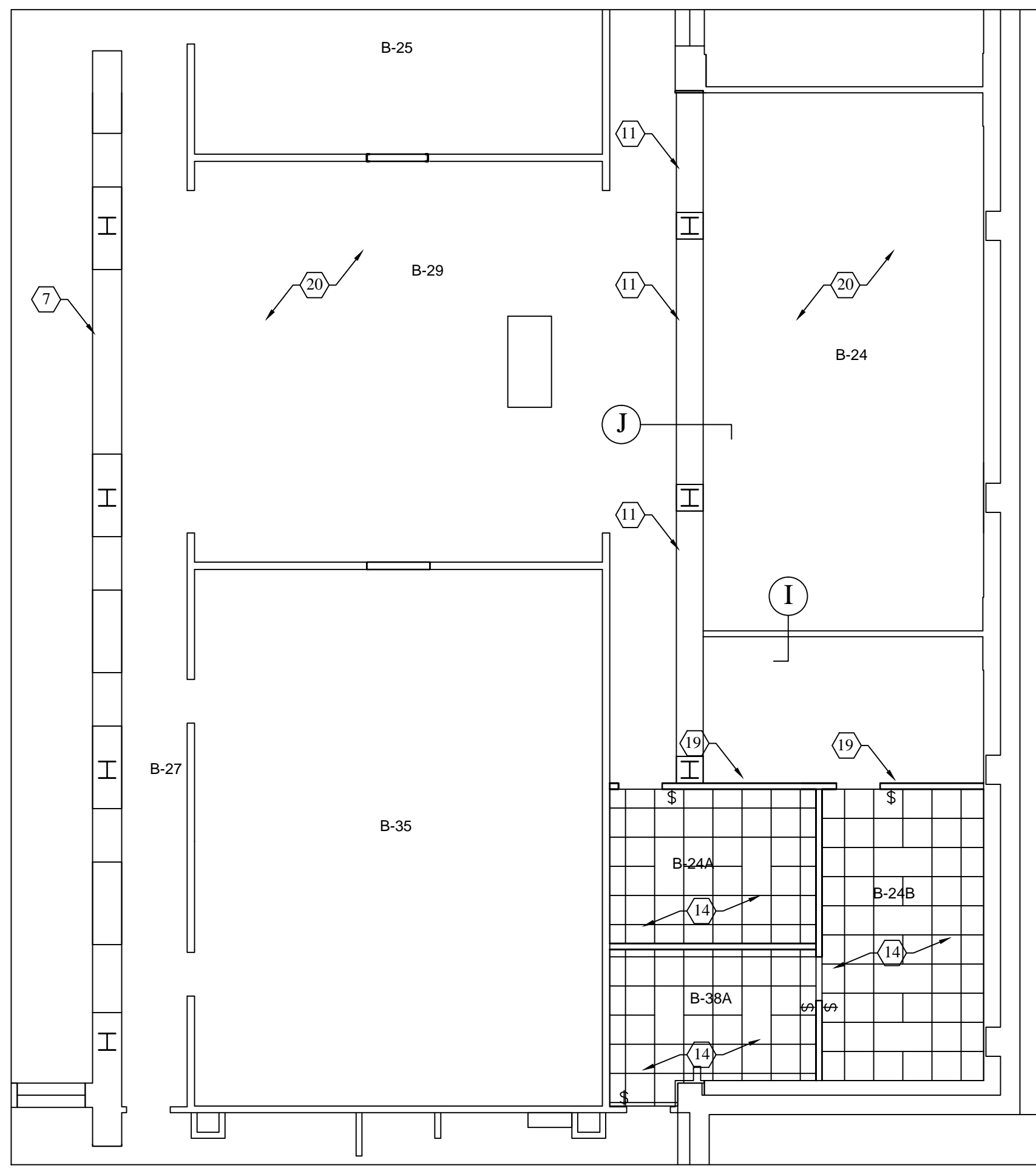




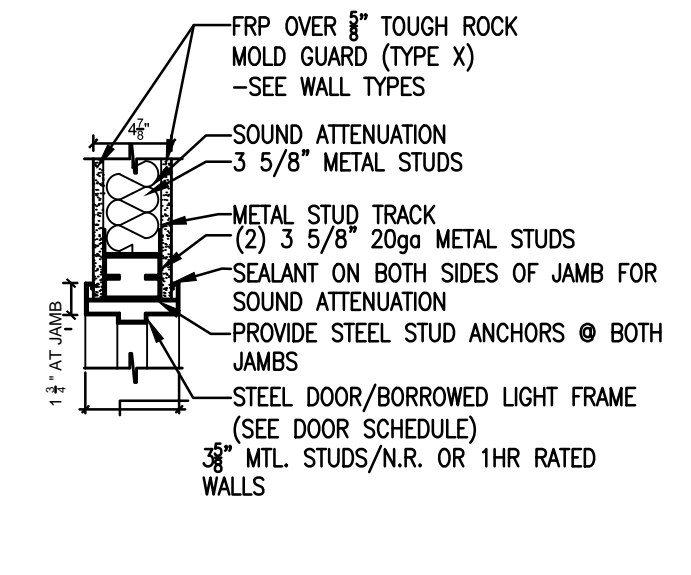
**A DEMO PLAN**  
SCALE: 1/8"=1'-0"



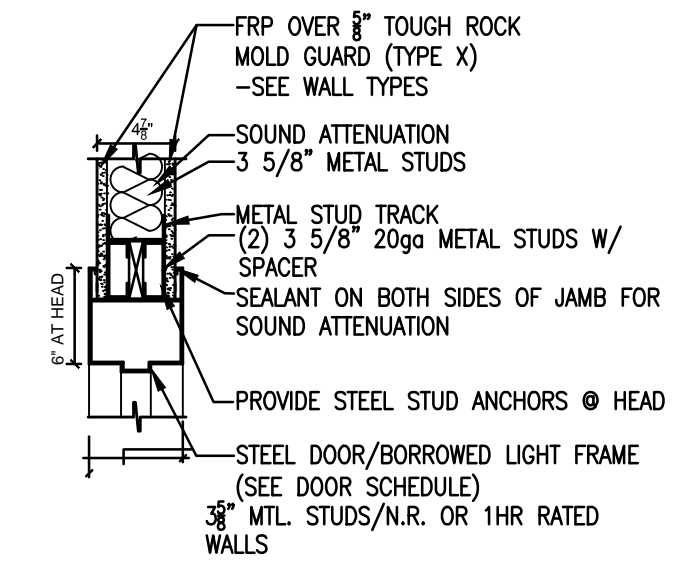
**B NEW WORK PLAN**  
SCALE: 1/8"=1'-0"



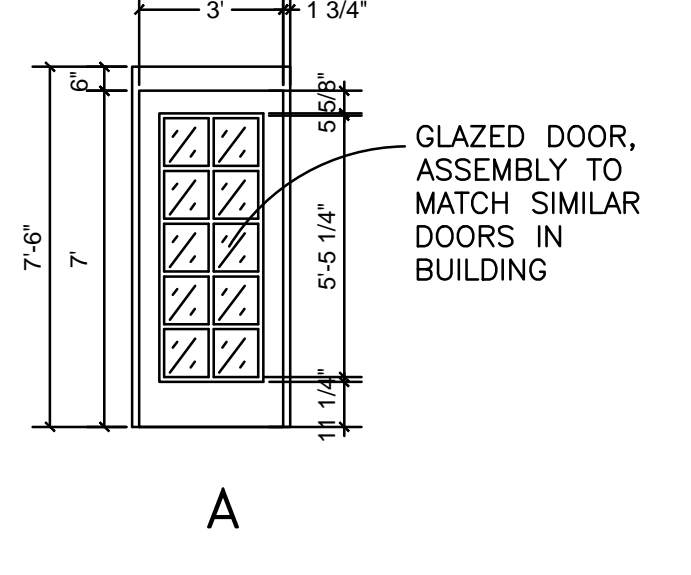
**C CEILING PLAN**  
SCALE: 1/8"=1'-0"



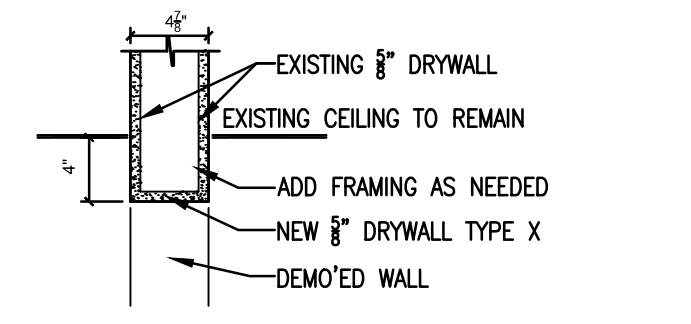
**D JAMB DETAIL**  
SCALE: 1"=1'-0"



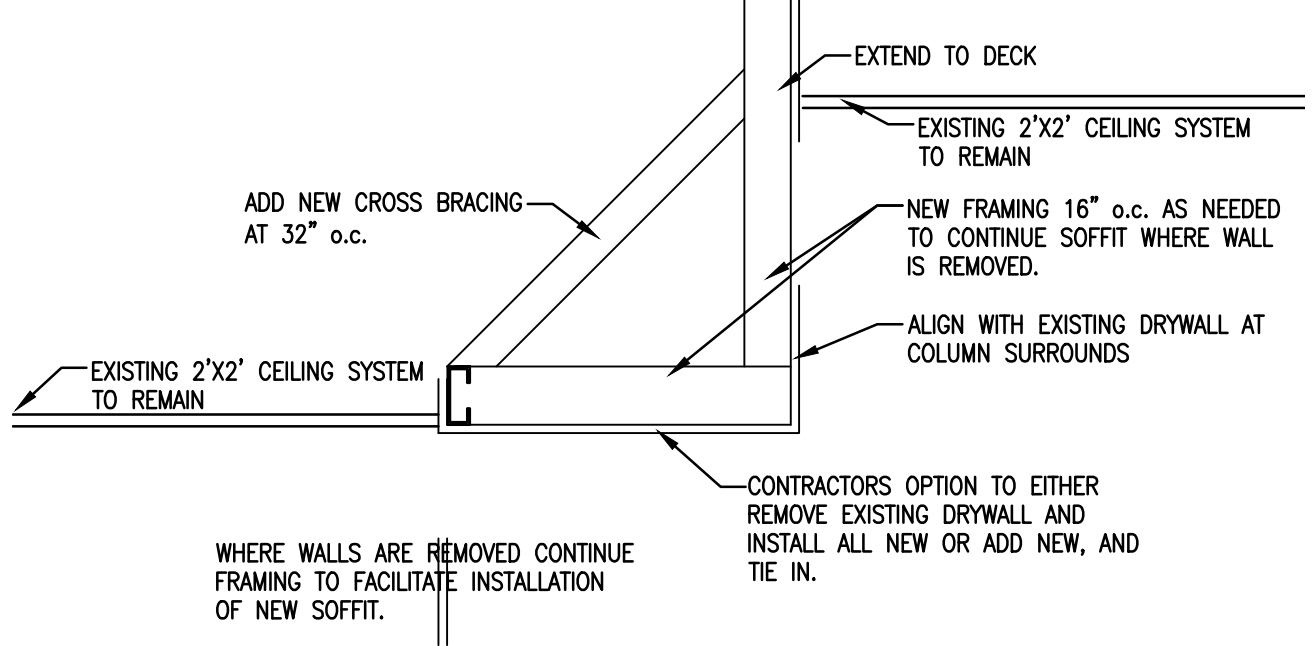
**E HEAD DETAIL**  
SCALE: 1"=1'-0"



**F DOOR ASSEMBLIES**  
SCALE: 1/4"=1'-0"



**I DETAIL**  
SCALE: 1"=1'-0"



**J SOFFIT DETAIL**  
SCALE: 1"=1'-0"

WALL TYPE LEGEND		
PARTITION TYPE	DETAIL	DESCRIPTION
A		3/4" 25 GAUGE METAL STUD TO DECK WITH 1/2" DRYWALL BOTH SIDES - INSIDE OF ROOMS TO 6" ABOVE CEILING. TAKE DRYWALL TO DECK FILL WITH SOUND BATT INSULATION.
B		DIRT WALL SYSTEM WITH INTEGRATED 60" MONITOR SUPPLIED BY C.G. CONCEPTS CONTRACTOR SHALL COORDINATE WITH CG WHEN READY FOR INSTALLATION.

DRYWALL FINISH SHALL BE LEVEL 4 PER NATIONAL GYPSUM COMPANY. PRIMED WITH TWO COATS OF PAINT APPLIED. TYP OF ALL NEW WALL CONSTRUCTION UNLESS NOTED OTHERWISE.

UK TRADES COORDINATION				
NAME	PRODUCT/SERVICE	CONTACT	PHONE #	
HOLLANDS	FLOORING	TIM HOLLAND	859.621.5828	
MCPC	AV-TECH	QUINN RICE	859.266.9201	
CNS	DATA	SHELBY AVERY	859.257.7387	
ELECTRONIC SHOP	FIRE AV	CHARLIE LAUE	859.257.4994	
EHS	ABATEMENT/DEMO	TOMMY TAYLOR	859.257.5295	
PATTERSON & POPE	CASEWORK	RICH SCHEMENAUR	513.891.4430	
CG CONCEPTS	FURN/DIRT WALL	-	859.294.9328	859.2122
UK KEY SHOP	KEYING	RICHARD SMITH	859.621.5828	

NOTE: UK WILL DIRECTLY CONTRACT WITH THESE LISTED VENDORS/GROUPS. GENERAL CONTRACTOR SHALL COORDINATE WITH EACH TO INSURE PROJECT IS COMPLETED ON TIME AND IS OPERATIONAL BY COMPLETION DATE.

DOOR AND FRAME SCHEDULE										
MARK NO.	SIZE	DOORS			FRAME			DETAILS		REMARKS
		DESCRIPTION	TYPE	MATL.	GLAZING	TYPE	MATL.	HEAD	JAMB/SILL	
B-24A	3'-0" x 7'-0" x 1 3/4"	B	WD	NA		MTL	E	D		HARDWARE SET 1
B-24B	3'-0" x 7'-0" x 1 3/4"	A	WD	1/4" TEMPERED		MTL	E	D		HARDWARE SET 1
B-38A	3'-0" x 7'-0" x 1 3/4"	A	WD	1/4" TEMPERED		MTL	E	D		HARDWARE SET 1

ROOM FINISH SCHEDULE											
ROOM NUMBER	ROOM NAME	BASE		FLOOR		WALLS		CEILING		CLG. HGT.	REMARKS
		FINISH	TYPE	FINISH	TYPE	FINISH	TYPE	FINISH	TYPE		
B-29	WORK AREA	●	●	●	●	●	●	●	●		
B-24	CLASS ROOM	●	●	●	●	●	●	●	●		
B-24A	STORAGE	●	●	●	●	●	●	●	●	9' AFF	
B-24B	OFFICE	●	●	●	●	●	●	●	●	9' AFF	
B-38A	OFFICE	●	●	●	●	●	●	●	●	9' AFF	

NOTES: 1.) CARPET AND BASE WILL BE DIRECTLY CONTRACTED BY UK. CONTRACTOR TO COORDINATE WITH HOLLANDS ON INSTALLATION. 2.) PRIME ALL NEW DRYWALL WORK, APPLY 2 COATS ON ALL WALLS AND TRIM. OWNER TO SELECT COLOR FROM MANUFACTURERS FULL LINE. PAINT TO SHERWIN WILLIAMS COMMERCIAL GRADE.

- KEY NOTES**
- REMOVE EXISTING WINDOW AND FRAME. USE CARE, AVOID DAMAGING CEILING. TURN FRAME AND WINDOW OVER TO BUILDING OPERATORS.
  - DISCONNECT ALL ELECTRIC AND DATA REMOVE ALL CASEWORK AND DISPOSE OF PROPERLY.
  - REMOVE EXISTING PINUP BOARD. DISCONNECT ELECTRIC AND DATA.
  - REMOVE DRYWALL AND ASSOCIATED FRAMING. PREP FLOOR AS NEEDED FOR NEW CARPET. LEAVE EXISTING SOFFIT IN PLACE. SAVE EXISTING FRAMES, DOORS, AND WINDOWS AND TURN OVER TO BUILD OPERATORS.
  - DISCONNECT ELECTRIC AND DATA, CUT WALL APPROXIMATELY 4" BELOW CEILING. INSTALL FRAMING AS NEEDED FOR NEW DRYWALL. REFER TO DETAIL I FOR MORE INFORMATION.
  - REMOVE EXISTING CARPET AND BASE TO LIMITS SHOWN.
  - ON SOFFIT PROVIDE AND INSTALL VINYL TEXT, APPROXIMATELY 12" IN HEIGHT. MATCH OTHER SIMILAR APPLICATIONS IN AREA. "PRESENTATION U"
  - INFILL EXISTING WINDOW OPENING USING 5/8" TYPE X DRYWALL AND METAL FRAMING STUDS AS NEEDED TO ENSURE BOTH SIDES ARE FLUSH TO ADJACENT SURFACES. PRIME AND PAINT CORNER TO CORNER BOTH SIDES. USE SOUND BATT INSULATION IN CAVITY. ON B-25 AND B-35 SIDE, ADD 2 1/2" VINYL BASE TO MATCH EXISTING ADJACENT BASE.
  - UK WILL DIRECT CONTRACT WITH CASE WORK VENDOR. CONTRACTOR TO COORDINATE INSTALLATION.
  - AT ALL COLUMN LOCATIONS PROVIDE AND INSTALL NEW FRAMING AS NEEDED TO WRAP COLUMNS WITH 5/8" TYPE X DRYWALL TO PROVIDE SQUARE FINISHED PRODUCT TO MATCH WIDTH OF SOFFIT.
  - MODIFY EXISTING SOFFIT TO CONTINUE WHERE WALLS ARE REMOVED. CONTRACTOR MAY SAW CUT WALL AT APPROPRIATE ELEVATION TO MAINTAIN EXISTING VERTICAL AND HORIZONTAL DRYWALL. ADD ADDITIONAL FRAMING AS NEEDED AND TIE IN NEW DRYWALL TO EXISTING. REFER TO DETAIL J FOR MORE INFORMATION.
  - CONSTRUCT TEMPORARY PLASTIC BARRIER WALL AT THIS LOCATION. TO REMAIN IN PLACE UNTIL PROJECT IS READY FOR CARPET INSTALLATION.
  - IN AREA OF NEW OFFICES SOFFIT AND EXISTING CEILING SYSTEM TO BE REMOVED AND DISPOSED OF PROPERLY. SALVAGE 10 CEILING TILES FROM DEMOLISHED LAY-IN CEILING AND REUSE IN B-29 AND B-24 TO REPLACE EXISTING WATER STAINED DAMAGED TILES.
  - CERTIFIED SPRINKLER CONTRACTOR SHALL MODIFY EXISTING SPRINKLER HEADS AND PROVIDE REQUIRED REPORT THAT ALL MODIFICATIONS MEET APPLICABLE CODE.
  - CONTRACTOR TO INSTALL 2 SCREENS AND 1 SMART BOARD PROVIDED BY MCPC.
  - C.G. CONCEPTS TO INSTALL DIRT WALL SYSTEM. MCPC TO INSTALL AND CONNECT MONITOR IN WALL.
  - FURNITURE WILL BE DIRECTLY PURCHASED BY UK FROM C.G. CONCEPTS. C.G. CONCEPTS WILL INSTALL.
  - ELECTRICAL AND DATA FOR ALL WORKSTATION WILL BE FEED THROUGH DIRT WALL SYSTEM REFER TO ELECTRICAL FOR OUTLET LOCATIONS.
  - ADD NEW WALL MOLDING AT JUNCTION OF EXISTING LAY-IN CEILING AND NEW WALL.
  - REPLACE MISSING SPRINKLER CAPS WITH APPROVED PRODUCT MATCHING EXISTING COLOR - APPROX 15 LOCATIONS.

FILE LOCATION  
REVISION DATE  
USER

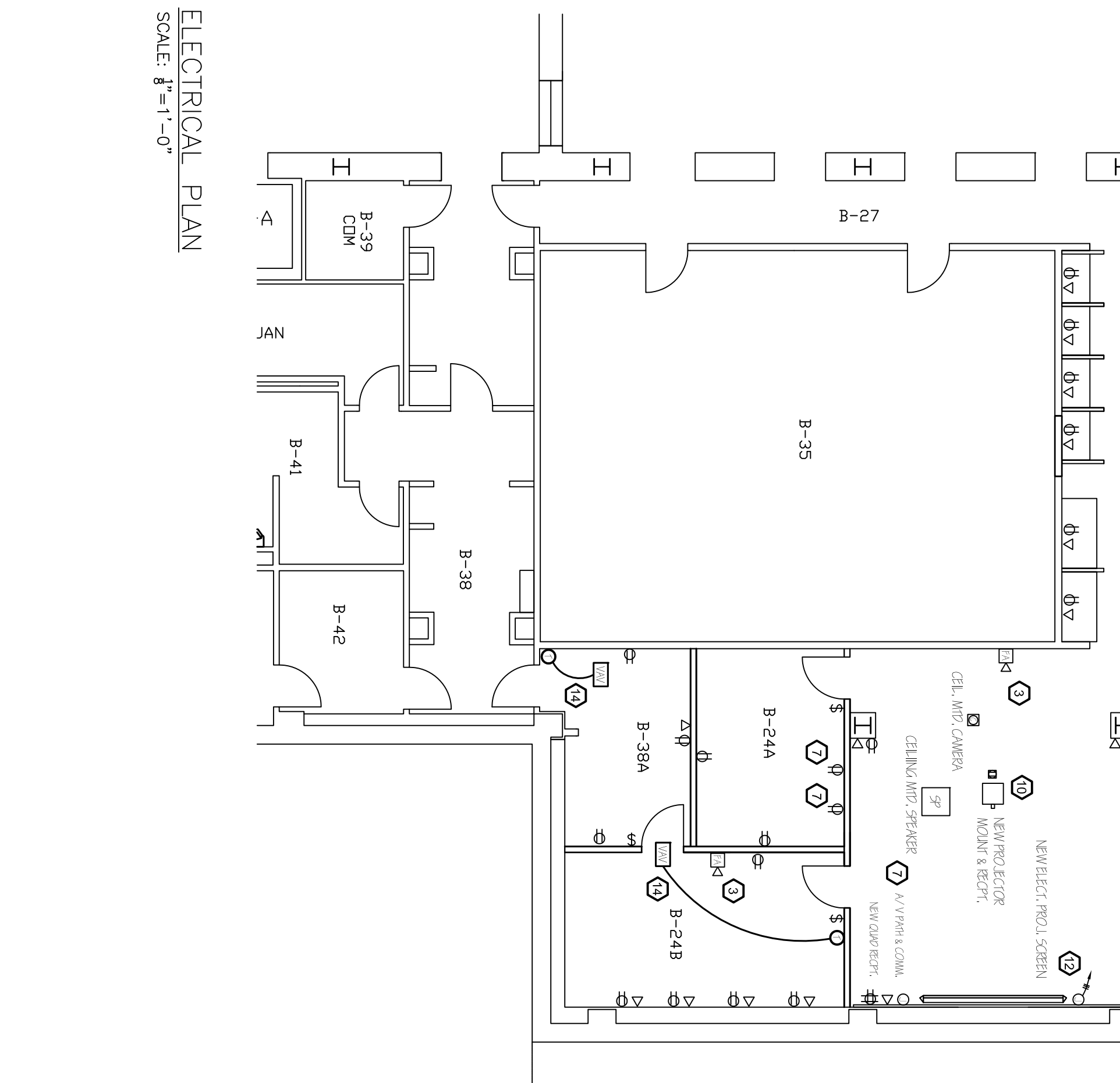
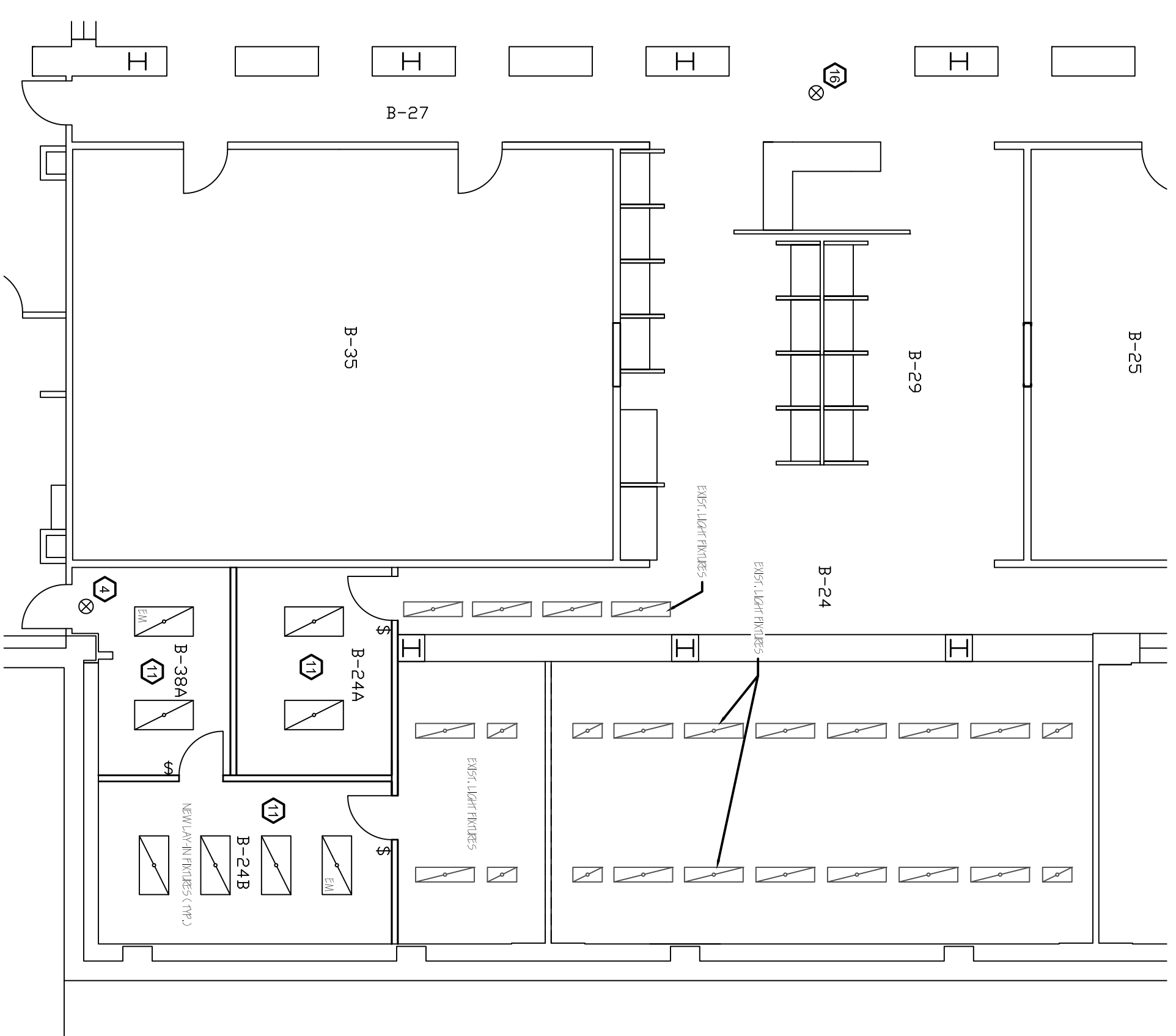
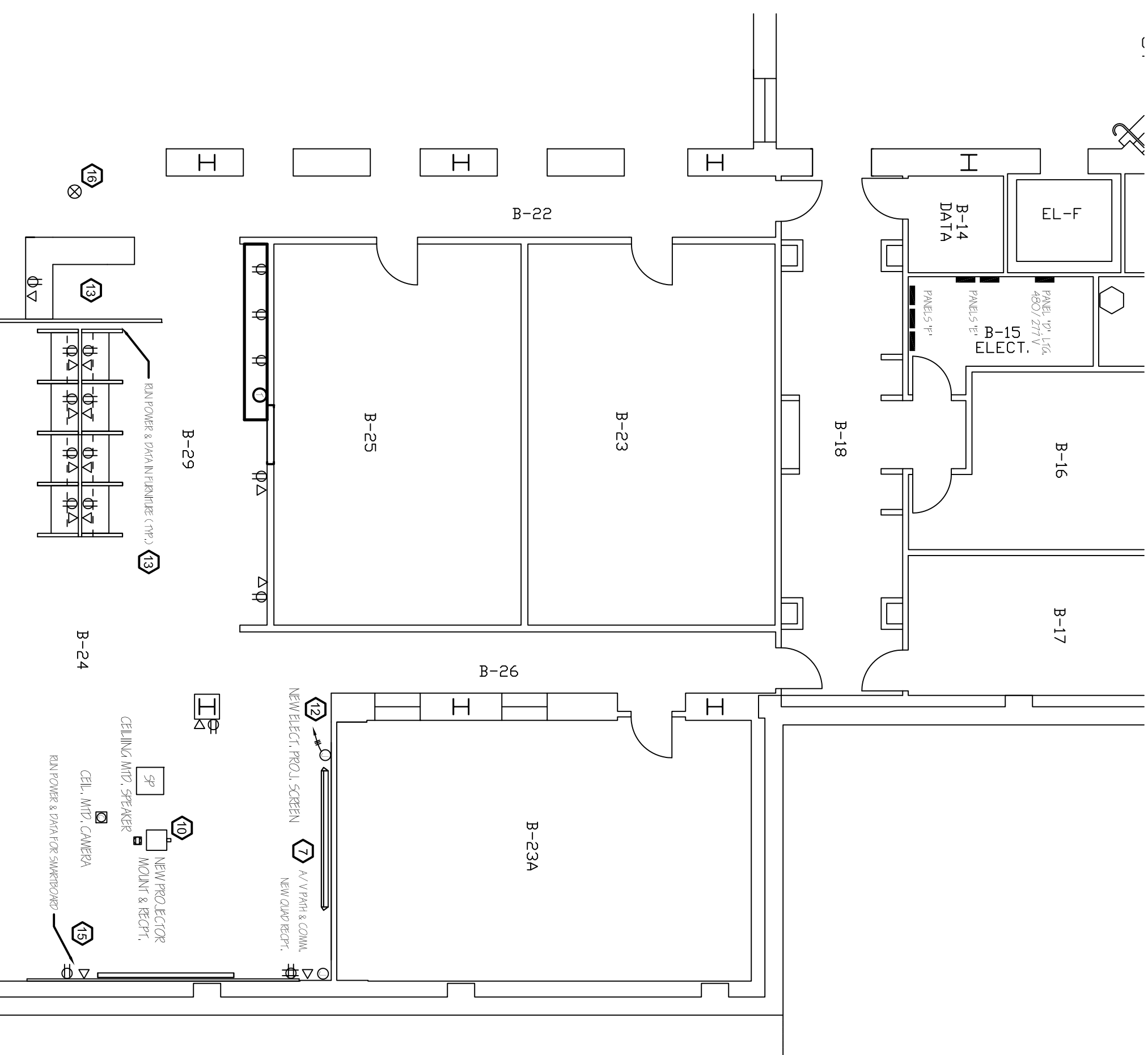
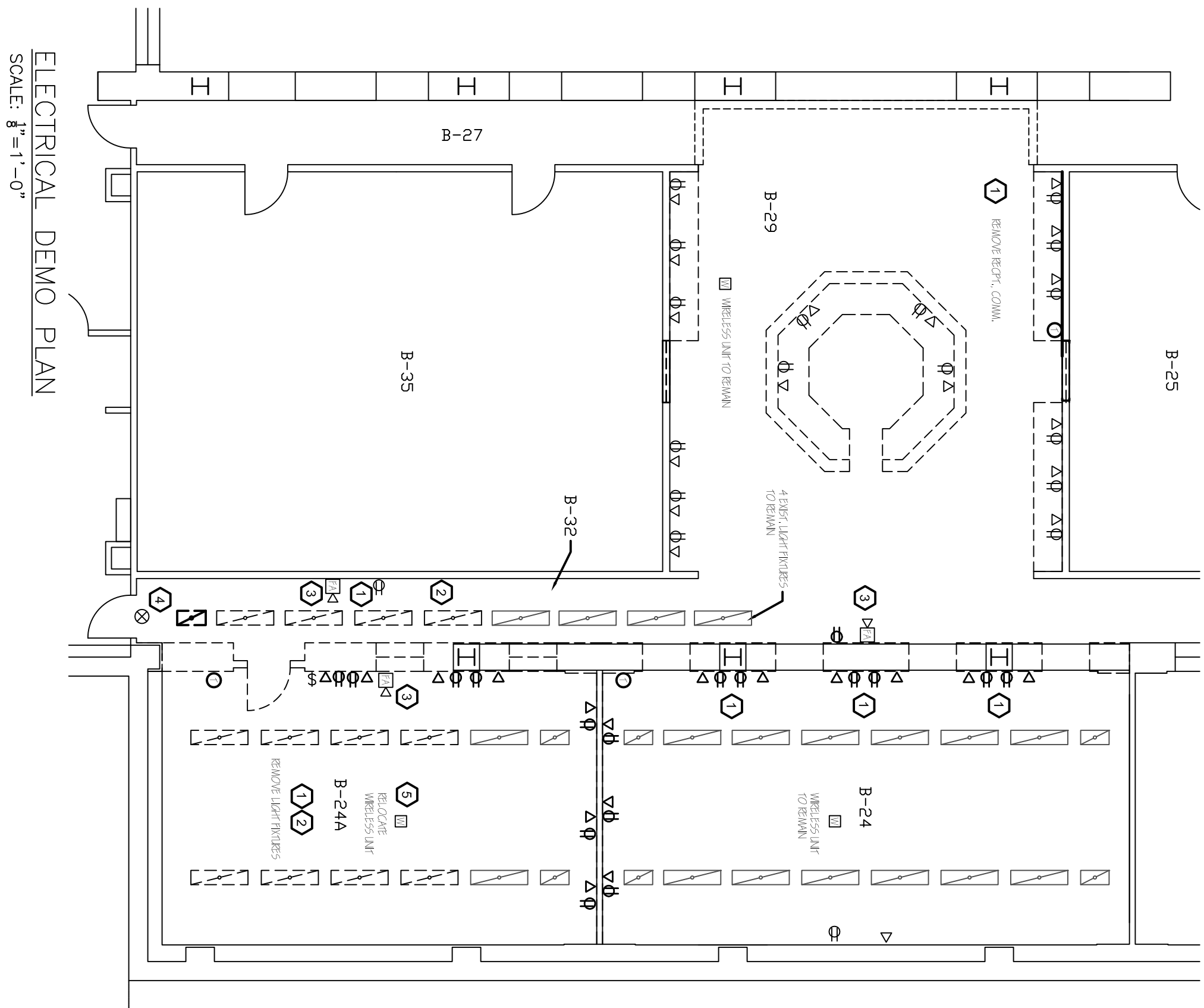
UNIVERSITY OF KENTUCKY  
Physical Plant Division

**UK**

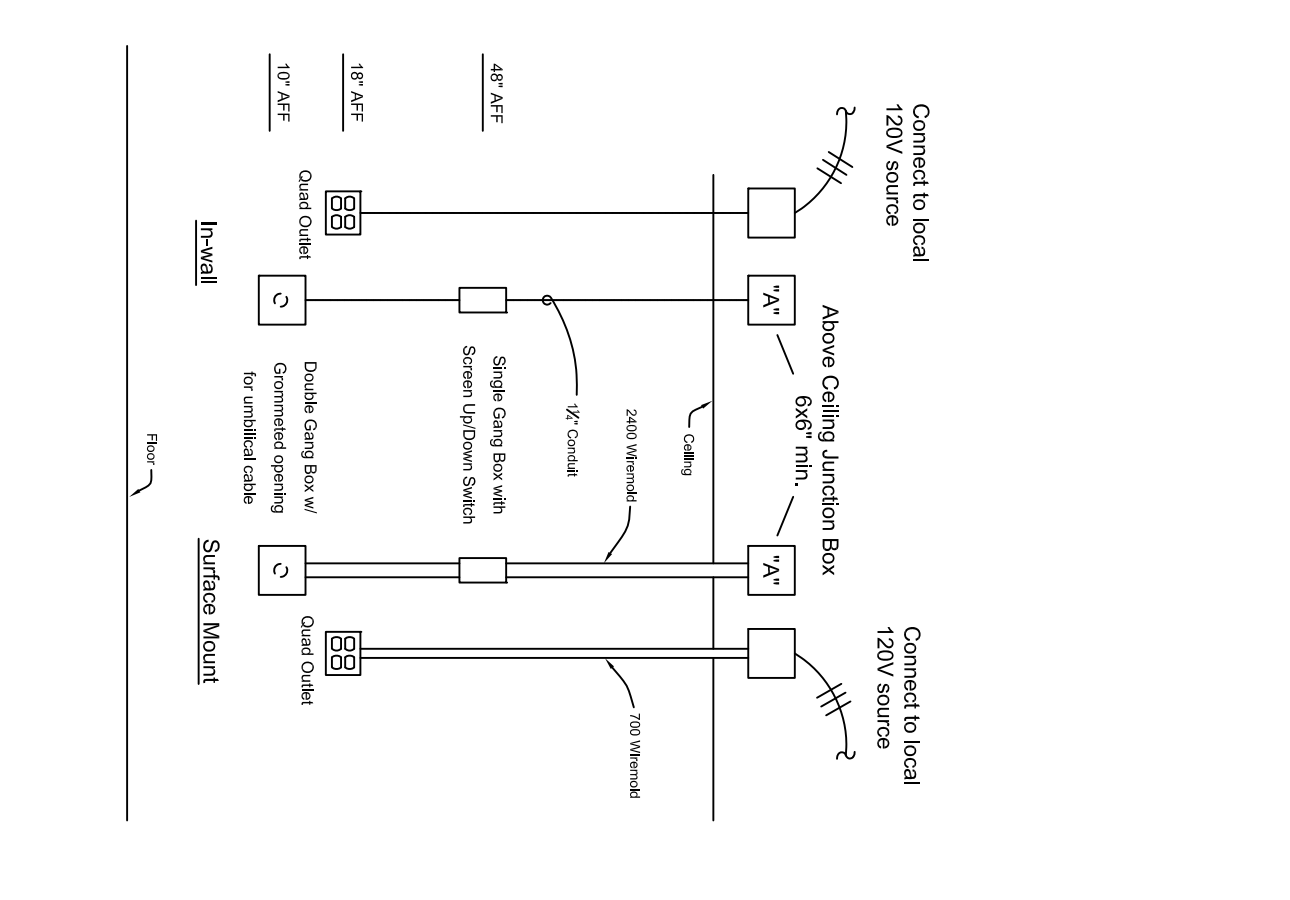
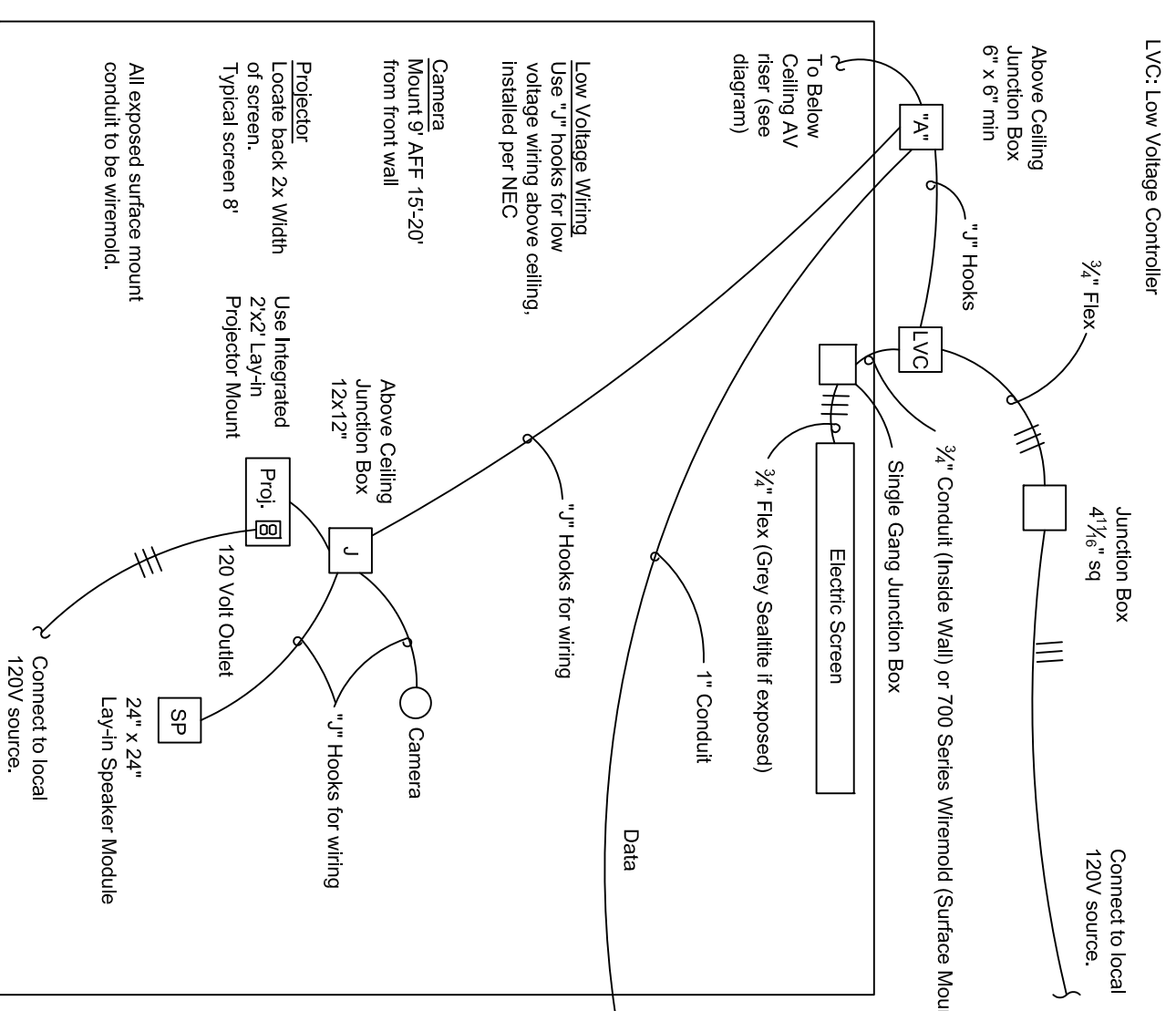
T. W. Young Library  
Presentation U  
BUILDING NUMBER: 0456  
Basement Renovation

REVISIONS	DATE
BY: _____	DATE: _____

DESIGNED BY: PCK  
DRAWN BY: BNR  
CHECKED BY: STW  
APPROVED BY: XXX  
PROJECT NO.: 807001221142  
DATE: 12-2-2013  
DRAWING NUMBER: A-101



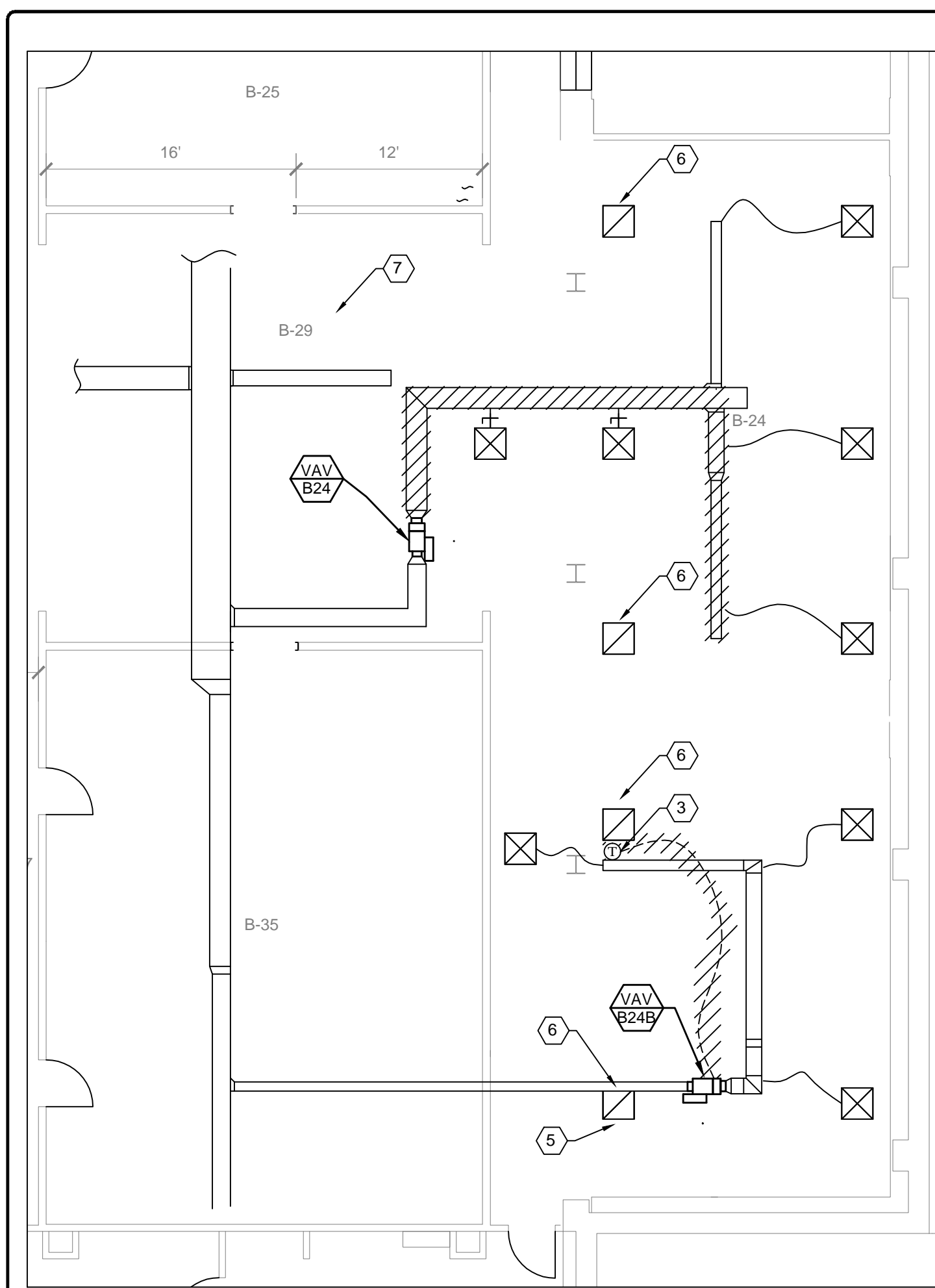
- ### GENERAL NOTES
1. CONTRACTOR SHALL INVESTIGATE PROJECT CONDITIONS THOROUGHLY PRIOR TO CONSTRUCTION AND NOTIFY PROJECT MANAGER OF ANY DISCREPANCIES BETWEEN THE PROJECT DOCUMENTS AND EXISTING CONDITIONS. INSPECTION REPORTS AND CERTIFICATES SHALL BE PROVIDED TO U.K. CONSTRUCTION MANAGER.
  2. REMOVE AND/OR RELOCATE FIRE ALARM SIGNAL APPLIANCE.
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  16. REMOVE AND/OR RELOCATE FIRE ALARM SIGNAL APPLIANCE.



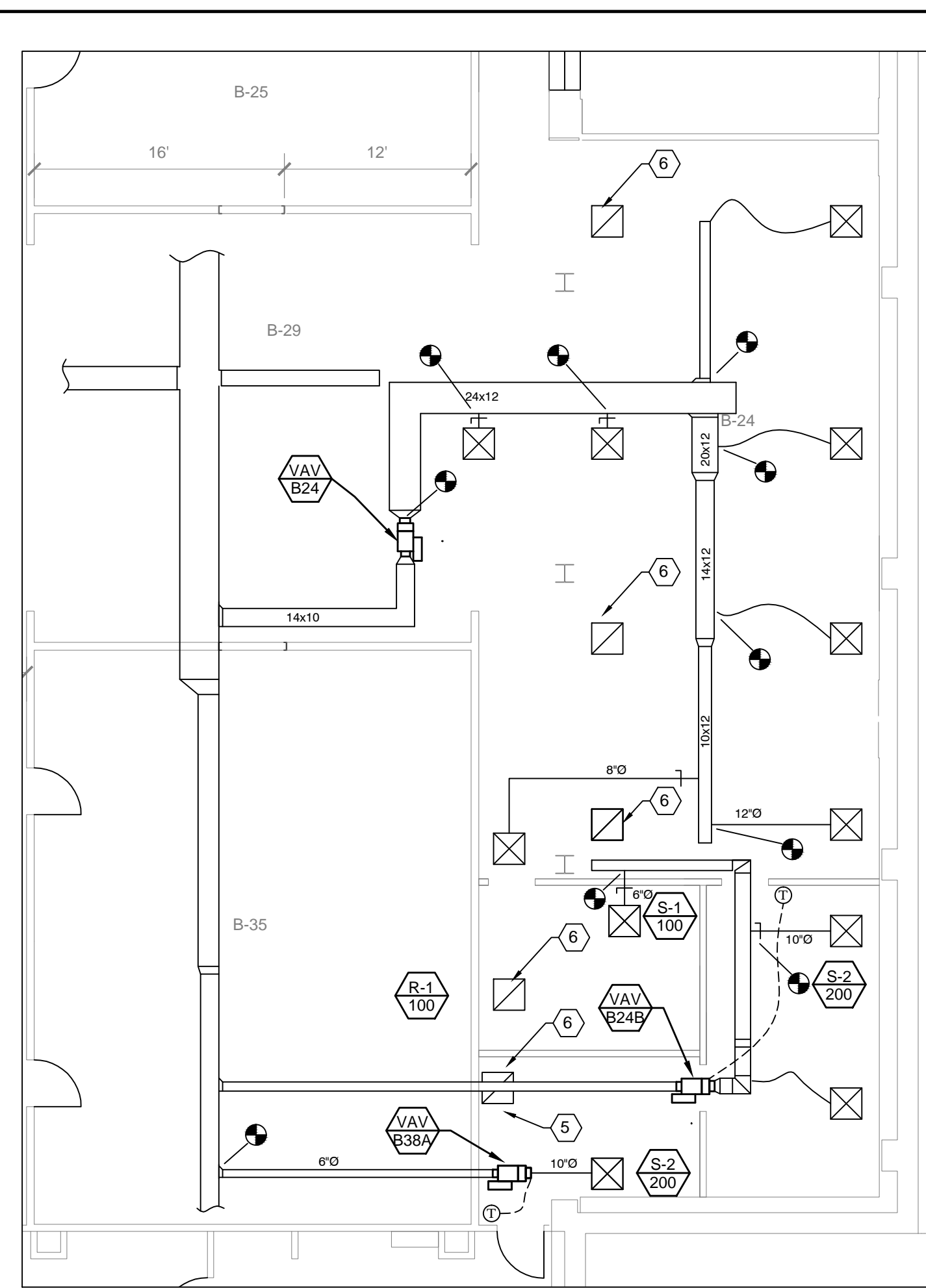
REV.	REVISIONS

DESIGNED BY:	JAL
DRAWN BY:	
CHECKED BY:	
APPROVED BY:	
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DRAWING NUMBER:	E-101

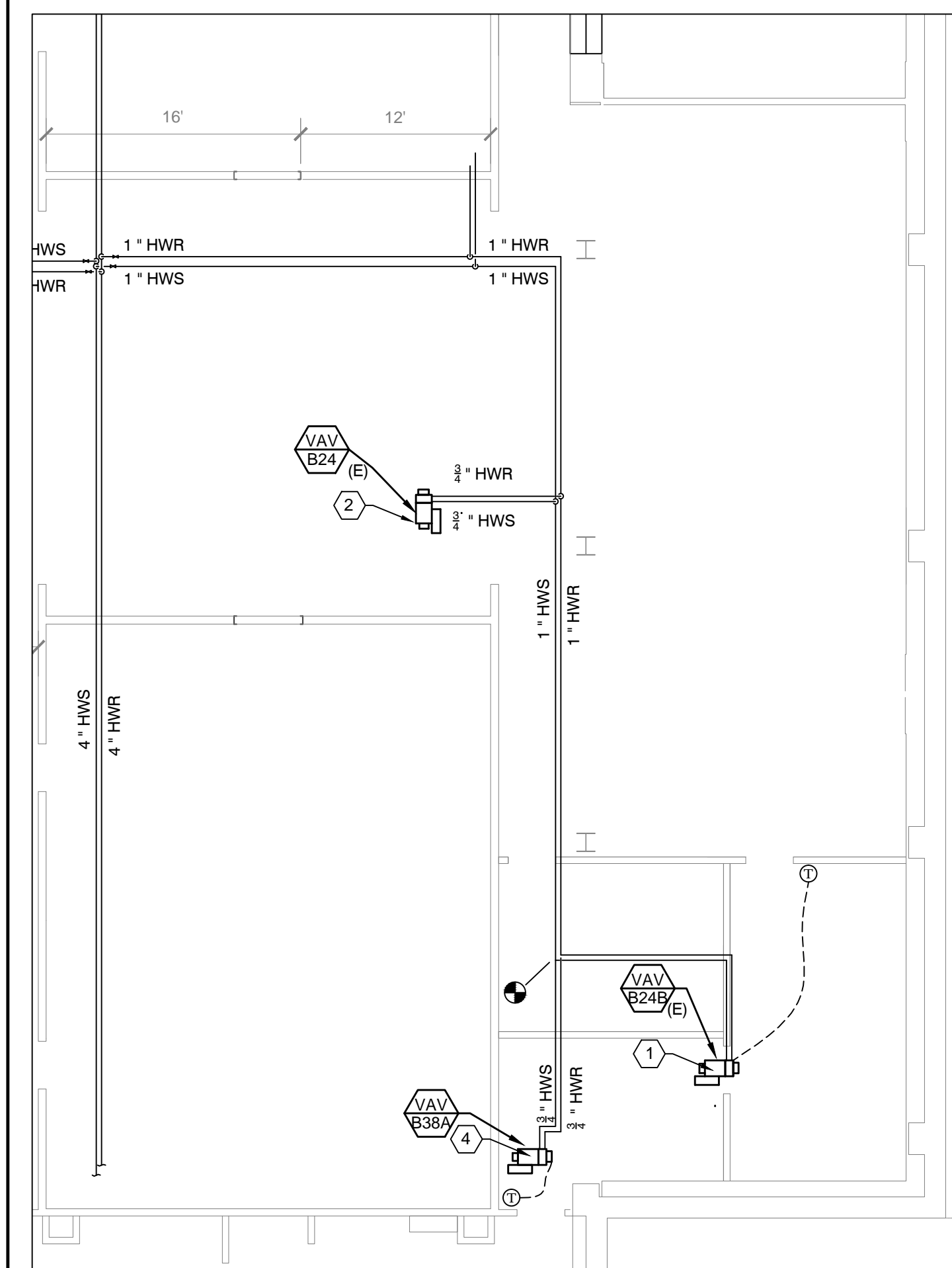




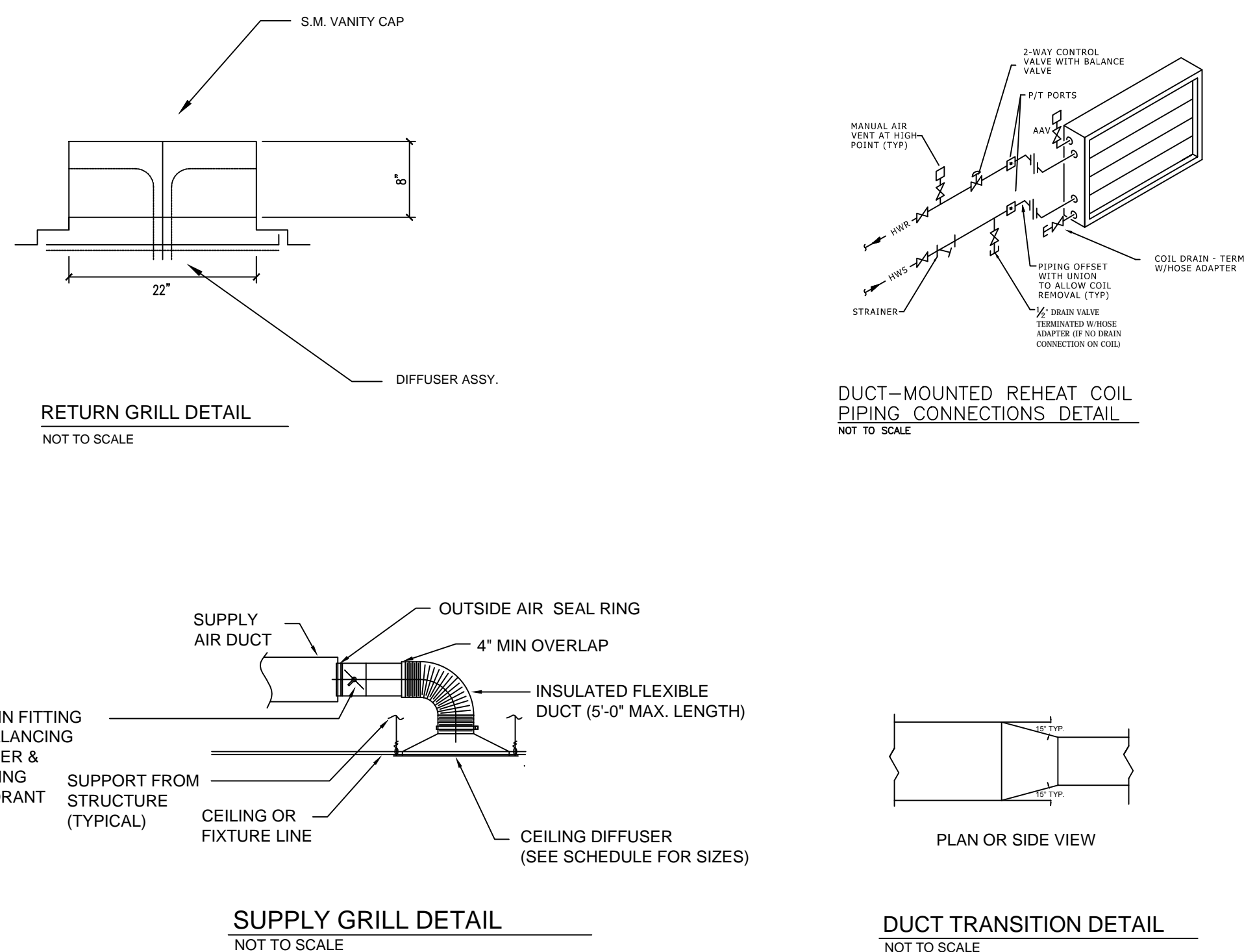
DEMO PLAN-HVAC  
SCALE: 1/8"=1'-0"



NEW WORK PLAN - HVAC  
SCALE: 1/8"=1'-0"



HYDRONIC PIPING PLAN  
SCALE: 1/8"=1'-0"



AIR DEVICE SCHEDULE														
MARK	TYPE	SERVICE	MAX AIRFLOW [CFM]	MAX AIR P.D. [IN. W.G.]	NECK SIZE [IN.]	MODULE SIZE			THROW (AT 50 FPM) [FT]	PATTERN	MAX NC	MATERIAL	REMARKS	ACCESSORIES
						L [IN.]	W [IN.]	H [IN.]						
S-1	1	SUPPLY	100	0.05	6	24	24	6	4-WAY	-	STEEL	1,3	1	
S-2	1	SUPPLY	210	0.07	10	24	24	10	4-WAY	21	STEEL	1,3	1	
R-1	2	RETURN	1008	0.03	-	24	24	-	-	-	AL	2,4	-	

TYPE:  
1. PERFORATED SUPPLY GRILLE  
2. PERFORATED RETURN

REMARKS:  
1. BASIS OF DESIGN: TITUS PAS  
2. BASIS OF DESIGN: TITUS PAR  
3. COLOR: WHITE  
4. INCLUDE 22" X 22" NECK WITH VANITY CAP. SEE DETAIL

ACCESSORIES:  
1. OPPOSED BLADE BALANCING DAMPER

SINGLE DUCT TERMINAL UNIT WITH HOT WATER REHEAT SCHEDULE															
MARK	SERVICE	TYPE	MFG.	MODEL	MAX INLET SP [IN. W.G.]	AIR				HOT WATER REHEAT COIL					REMARKS
						PRIMARY INLET SIZE [IN.]	MAX AIRFLOW RATE [CFM]	HEATING AIRFLOW [CFM]	HEATING CAPACITY [MBH]	EAT/LAT [°F]	APd [° W.C.]	FLOW [GPM]	EWTL/WT [°F]	WPd [° HEAD]	
VAV-B38A	ROOM B38A	1	TITUS	AESV	0.25	6	200	100	2.2	55/90	0.01	0.5	160/140	0.5	1,2

TYPE:  
1. TERMINAL UNIT, SINGLE DUCT, WITH HW REHEAT

REMARKS:  
1. PROVIDE 2-WAY CONTROL VALVE. SEE DETAIL.  
2. PROVIDE 24V CONTROL POWER TO EACH VALVE.  
3. PROVIDE WITH DUCT COLLAR

- GENERAL NOTES
- GENERAL NOTES, WHEREVER THEY ARE FOUND, APPLY TO ALL WORK IN THE PROJECT, UNLESS OTHERWISE INDICATED. SHEET NOTES, UTILIZING NOTE SYMBOLS, APPLY ONLY TO THE SHEET ON WHICH THEY ARE FOUND, UNLESS OTHERWISE STATED. THE MEANING OF NOTE SYMBOLS AND NUMBERS VARIES FROM SHEET TO SHEET.
  - CONTRACTOR WILL UTILIZE ALL INFORMATION IN THE CONTRACT DOCUMENTS FOR PROVIDING THE WORK. CONTRACTOR WILL UTILIZE DETAILS AND FLOW DIAGRAMS FOR THE WORK WHERE APPROPRIATE.
  - CONTRACTOR WILL FIELD-VERIFY ALL EXISTING CONDITIONS. ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND CONTRACT DOCUMENTS WILL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE ANY WORK RELATING TO THOSE CONDITIONS IS PERFORMED.
  - PROVIDE AND INSTALL ALL EQUIPMENT AND ACCESSORIES AS INDICATED, IN ACCORDANCE WITH THE RESPECTIVE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS, AT A LEVEL OF QUALITY AND WORKMANSHIP CONSISTENT WITH PROJECT PLAN AND SPECIFICATION REQUIREMENTS.
  - CONTROLS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ELECTRICAL & COMMUNICATIONS INSTALLATION REQUIRED FOR A FULLY FUNCTIONAL CONTROL SYSTEM AS INDICATED ON PLANS. NEW VAV BOX SERVING ROOM B38A SHALL BE CONNECTED TO UK DELTA ROOM FOR MONITORING & CONTROL.
  - FINAL PRODUCT SHALL BE A COMPLETE AND FUNCTIONING SYSTEM, AND SHALL CONFORM TO ALL REQUIREMENTS OF APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING BUT NOT LIMITED TO THE INTERNATIONAL BUILDING CODE AND INTERNATIONAL MECHANICAL CODE. CONTRACTOR IS RESPONSIBLE FOR MAKING ALL REQUIRED CONNECTIONS FOR A COMPLETE SYSTEM.
  - LEGENDS OR LISTS OF SYMBOLS AND ABBREVIATIONS ARE GENERAL IN NATURE AND MAY CONTAIN ITEMS NOT USED IN THE CONTRACT DOCUMENTS. IF ANY SUCH ITEMS ARE FOUND WHICH ARE NOT DEFINED ON THE PLANS OR IN THE SPECIFICATIONS, THE ENGINEER WILL BE CONTACTED FOR CLARIFICATION.
  - DEMOLITION MARKS ARE APPROXIMATE. CONTRACTOR TO FIELD-VERIFY ACTUAL CONDITIONS PRIOR TO BIDDING.
  - CONTRACTOR WILL PROVIDE ALL MISCELLANEOUS STEEL TO SUPPORT ALL MECHANICAL DUCT AND PIPING SYSTEMS AND EQUIPMENT. HANG ALL EQUIPMENT FROM STRUCTURE WITH MINIMUM OF TWO TRAPEZE ASSEMBLIES OR OTHER INTEGRAL MOUNTING POINTS WITH VIBRATION ISOLATORS ON ALL FOUR SUPPORTS. DO NOT HANG ANYTHING FROM MECHANICAL OR ELECTRICAL ITEMS.
  - NO STEEL STRUCTURAL MEMBERS WILL BE CUT, BURNED, WELDED OR DRILLED WITHOUT SPECIFIC PERMISSION OF THE ENGINEER.
  - ALL EQUIPMENT, ACCESSORIES, PIPING, WIRING, DUCT AND OTHER WORK, WHICH IS INSTALLED IN FINISHED SPACES WILL BE CONCEALED IN WALLS, FLOORS, FURRED CHASES OR SUSPENDED CEILINGS, EXCEPT FOR INDICATED TERMINAL UNITS, CONTROLS, AIR INLETS AND OUTLETS, AS SHOWN.
  - PROVIDE ALL ACCESS DOORS AS SHOWN, EXCEPT THOSE SPECIFIED UNDER OTHER DIVISIONS. IN ADDITION, PROVIDE ANY OTHER ACCESS DOORS - WHETHER OR NOT SHOWN ON PLANS - NECESSARY FOR ACCESS TO CONCEALED EQUIPMENT, VALVES, DAMPERS, ACTUATORS, JUNCTION BOXES, CONTROLS OR OTHER OPERATIONAL OR SERVICEABLE ITEMS, UNLESS ITEM IS REASONABLY ACCESSIBLE THROUGH LAY-IN CEILING PANELS.
  - DO NOT CHANGE PATH OF PIPING OR DUCT RUNS, ADD TURNS OR OFFSETS OR CHANGE DUCT DIMENSIONS OR PIPE SIZE WITHOUT FIRST CONSULTING THE ENGINEER. PIPE SIZES SHOWN ON DRAWINGS ARE NOMINAL UNLESS OTHERWISE INDICATED. ALL DUCT SIZES SHOWN ON PLANS ARE CLEAR INSIDE DIMENSIONS FOR SHOP OR FIELD-FABRICATED DUCT AND NOMINAL SIZES FOR FACTORY FABRICATED DUCT.
  - FOR TYPICAL WATER, REFRIGERANT AND AIR CONNECTIONS TO EQUIPMENT, SEE STANDARD DETAILS.
  - COORDINATE ALL PIPING AND DUCTWORK WITH BOTH NEW AND EXISTING MECHANICAL AND ELECTRICAL WORK, INCLUDING HVAC, PLUMBING, ELECTRICAL, FIRE ALARM, SPRINKLER, COMMUNICATIONS AND EXTERIOR UTILITIES.
  - CONSULT ARCHITECTURAL REFLECTED CEILING PLAN FOR PLACEMENT OF AIR TERMINALS. COORDINATE WITH MECHANICAL WORK AND WORK OF OTHER TRADES.
  - ALL NEW SUPPLY & RETURN DUCTWORK SHALL BE GALVANIZED STEEL, G90, NO LIGHTER THAN 24-GAUGE. ALL WORK MUST COMPLY WITH SMACNA DUCT CONSTRUCTION STANDARDS.
  - ALL RADIUS DUCT ELBOWS SHALL BE LONG-RADIUS TYPE. ALL SQUARE ELBOWS SHALL HAVE TURNING VANES. SQUARE NECK RADIUS-BACK ELBOWS ARE NOT ALLOWED.
  - PROVIDE 1.5-LB DENSITY, R-5 ALUMINIZED KRAFT PAPER-BACKED EXTERNAL INSULATION ON ALL SUPPLY AIR DUCTWORK. SEAL ALL NEW DUCTWORK JOINTS WITH WATER-BASED DUCT SEALANT (UNITED MCGILL, IRONGRIP 601 OR EQUAL). TAPING OF JOINTS IS UNACCEPTABLE EXCEPT WHERE APPROVED IN ADVANCE BY PROJECT ENGINEER.
  - PROVIDE MANUAL DAMPERS IN ALL SUPPLY AND EXHAUST BRANCHES CONTAINING GRILLES, REGISTERS OR DIFFUSERS WHETHER SHOWN ON PLANS OR NOT AND PROVIDE DAMPERS IN RETURNS WHERE SHOWN. PROVIDE ADJUSTABLE TAKE-OFF FITTINGS WITH GRIDS IN LIEU OF MANUAL DAMPERS FOR ALL ROUND TAKE-OFFS FROM RECTANGULAR MAINS OR PLENUMS. DAMPERS IN DUCT DO NOT REPLACE DAMPERS SPECIFIED AS PART OF THE AIR TERMINAL ASSEMBLY OR VICE VERSA.
  - USE TURNING VANES, PER SMACNA CONSTRUCTION GUIDELINES, FOR ALL MITERED RECTANGULAR TURNS OF 45 DEGREES OR MORE.
  - CONTRACTOR WILL MAKE TRANSITIONS FROM ROUND TO RECTANGULAR AND BACK ON LOW PRESSURE DUCT AND OFFSET AS REQUIRED, WITH ENGINEER'S APPROVAL, WHERE OBSTRUCTIONS OR OTHER DUCT REQUIRE MODIFICATIONS TO THE PLANS.
  - CONTRACTOR WILL MAKE MINOR OFFSETS AND LOCATION CHANGES IN PIPE AND DUCT AND IN DUCT ASPECT RATIO AS REQUIRED IN CONGESTED CEILING OR MECHANICAL SPACES.
  - HYDRONIC HOT WATER PIPING 2" AND SMALLER SHALL BE TYPE 1" HARD COPPER WITH LEAD-FREE SOLDER JOINTS, WROUGHT FITTINGS, 150-LB. SCREWED CONNECTIONS, AND FULL-PORT BALL VALVES.
  - PIPE HANGERS AND SUPPORTS SHALL BE FACTORY FABRICATED ACCORDING TO MSS SP-58 AND SHALL BE INSTALLED PER MSS-59. CONTRACTOR SHALL PROVIDE ALL MISCELLANEOUS STEEL REQUIRED FOR SUPPORTS AND HANGERS. DO NOT HANG ANYTHING FROM MECHANICAL OR ELECTRICAL EQUIPMENT.
  - PROVIDE & INSTALL 1/2" MIN. FIBERGLASS INSULATION WITH ALL-SERVICE JACKET ON ALL HYDRONIC LINES.
  - INSTALL HYDRONIC PIPING AT A UNIFORM GRADE OF 0.2 PERCENT, UPWARD IN DIRECTION OF FLOW FOR SUPPLY, DOWNWARD IN DIRECTION OF FLOW FOR RETURN.
  - INSTALL AIR VENTS AT HIGH POINTS IN PIPING AND DRAINS AT LOW POINTS.
  - TEST HYDRONIC WATER PIPING TO A HYDROSTATIC PRESSURE OF 1-1/2 TIMES NORMAL OPERATING PRESSURE, 100 PSIG MIN., FOR A CONTINUOUS PERIOD OF NOT LESS THAN EIGHT (8) HOURS. DURING THIS TIME, CAREFULLY INSPECT THE SYSTEM FOR LEAKS. IF NECESSARY, REPAIR LEAKS IN A MANNER ACCEPTABLE TO THE ENGINEER AND TEST AGAIN UNTIL NO LEAKAGE IS DETECTED. TEST PIPING PRIOR TO THE APPLICATION OF INSULATION.
  - ALL HYDRONIC PIPING SHALL BE THOROUGHLY FLUSHED OF ALL DEBRIS PRIOR TO START-UP.
  - UPON COMPLETION OF INSTALLATION & STARTUP OF HVAC SYSTEMS, PROVIDE CERTIFIED AIR & WATER TEST AND BALANCE REPORT BY AN INDEPENDENT NEBB OR ABO-CERTIFIED CONTRACTOR. AIR BALANCE SHALL INCLUDE ALL NEW SUPPLY DUCTS, BRANCH DUCTS, COIL AND DIFFUSERS.
  - THERMOSTATS SHALL BE MOUNTED TO MATCH EXISTING.

KEY NOTES

- RE-BALANCE H.W. FLOW TO 0.7 GPM.
- RE-BALANCE H.W. FLOW TO 1.7 GPM.
- RELOCATE THERMOSTAT TO ROOM B-24B.
- RE-BALANCE H.W. FLOW TO 0.25 GPM.
- RELOCATE EXISTING RETURN GRILLE.
- COVER SECURELY WITH MERY-8 FILTER DURING CONSTRUCTION. INDICATE INSTALL DATE ON FILTER. INSPECT BI-WEEKLY REPLACE AS NECESSARY.
- SEAL AROUND 2 EXISTING DRAIN OPENINGS FROM FIRST FLOOR. VERIFY LOCATIONS WITH BUILDING OPERATOR.

LEGEND

- DEMOLITION EXTENT
- POINT OF CONNECTION TO EXISTING
- EXISTING



REVISIONS	DATE
BY:	

DESIGNED BY: BL  
DRAWN BY: LOJ  
CHECKED BY: xxx  
APPROVED BY: xxx  
PROJECT NO.: 807001221142  
DATE: 11-2013

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