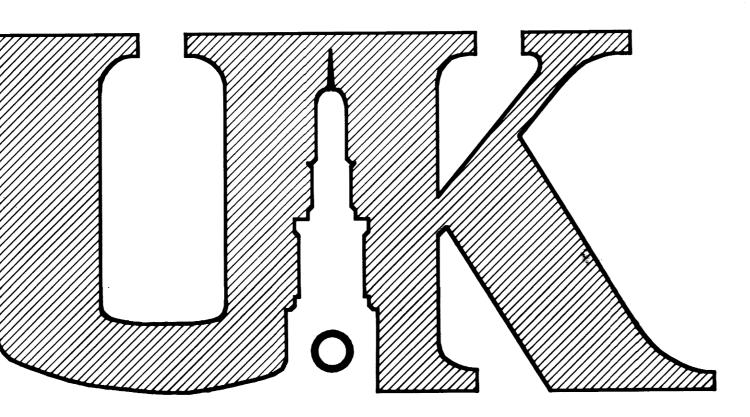
Omni Architects

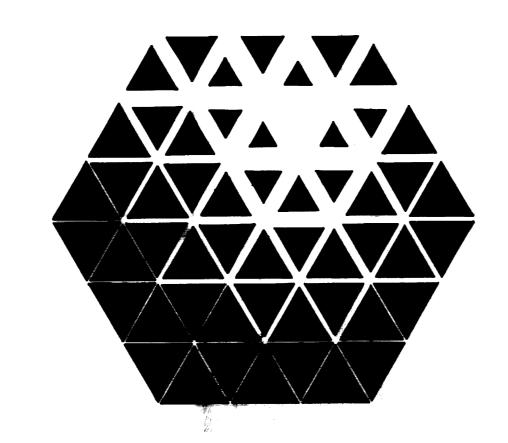
STAGGS + FISHER

WHITE, WALKER & MCREYNOLDS



M C M X C I V University of Kentucky M. A. Scovell Hall • Renovation

PROJECT Nº 1474.0 HUMAN RESOURCE SERVICES



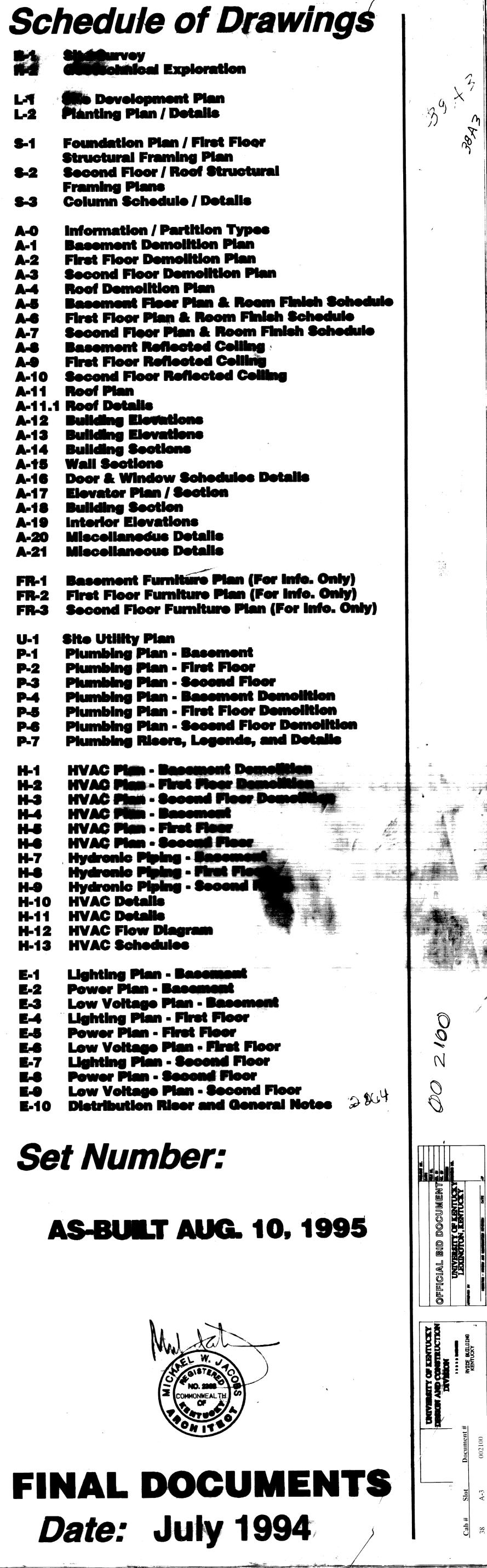
212 North Upper Street Lexington, KY 40507 (606) 252-6664 Fax: (606) 253-2358

STRUCTURAL ENGINEERS

CONSULTING ENGINEERS

	Control ical Exploration
	Planting Plan / Details
S-1	Foundation Plan / First Floer
8-2	Structural Framing Plan Second Floor / Roof Structural
S-3	Framing Plans Column Schedule / Details
A-0	Information / Partition Types
A-1 A-2	Basement Demolition Plan First Floor Demolition Plan
A-3 A-4	Second Floor Demolition Plan Roof Demolition Plan
A-5	Bacement Floer Plan & Room Finis First Floor Plan & Room Finish Sch
A-6 A-7	Second Fleor Plan & Room Finish \$
A-8 A-9	Basement Reflected Celling First Floor Reflected Celling
A-10	Second Floor Reflected Ceiling Roof Plan
	Roof Details
A-12 A-13	Building Elevations Building Elevations
A-14	Building Sections
A-15 A-16	Door & Window Schedules Details
A-17 A-18	Elevator Plan / Section Building Section
A-19	Interior Elevations Miscellaneous Details
A-20 A-21	Miscellaneous Details
FR-1 FR-2 FR-3	Basement Furniture Plan (For Infe. First Floor Furniture Plan (For Infe. Second Floor Furniture Plan (For In
U-1	Site Utility Plan
P-1 P-2	Plumbing Plan - Basement Plumbing Plan - First Floor
P-3	Plumbing Plan - Second Floor
Р-4 Р-5	Plumbing Plan - Basement Demolit Plumbing Plan - First Floor Demolit
P-6 P-7	Plumbing Plan - Second Floor Demo Plumbing Risers, Legends, and Del
H-1	HVAC Pign - Basement Demetition
H-2 H-3	HVAC Plan - First Piper Demolition HVAC Plan - Second Floor Demoliti
H-4	HVAC Plan - Basement
H-6 H-6	HVAC Plan - First Floor HVAC Plan - Second Floor
H-7 H-8	Hydronic Piping - Basement Hydronic Piping - First Flogs
H-9 H-10	Hydronic Piping - Second In the HYAC Details
H-11	HVAC Details
H-12 H-13	HVAC Flow Diagram HVAC Schedules
E-1	Lighting Plan - Basemont
E-2 E-3	Power Plan - Basement Low Voltage Plan - Basement
E-4 E-5	Lighting Plan - First Floor Power Plan - First Floor
E-6	Low Voltage Plan - First Floor
E-7 E-8	Lighting Pian - Second Floor Power Pian - Second Floor
E-9 E-10	Low Voltage Plan - Second Floor Distribution Riser and General Not

Set Number:





Date: July 1994

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UNDERGROUND UTILITY NOTE

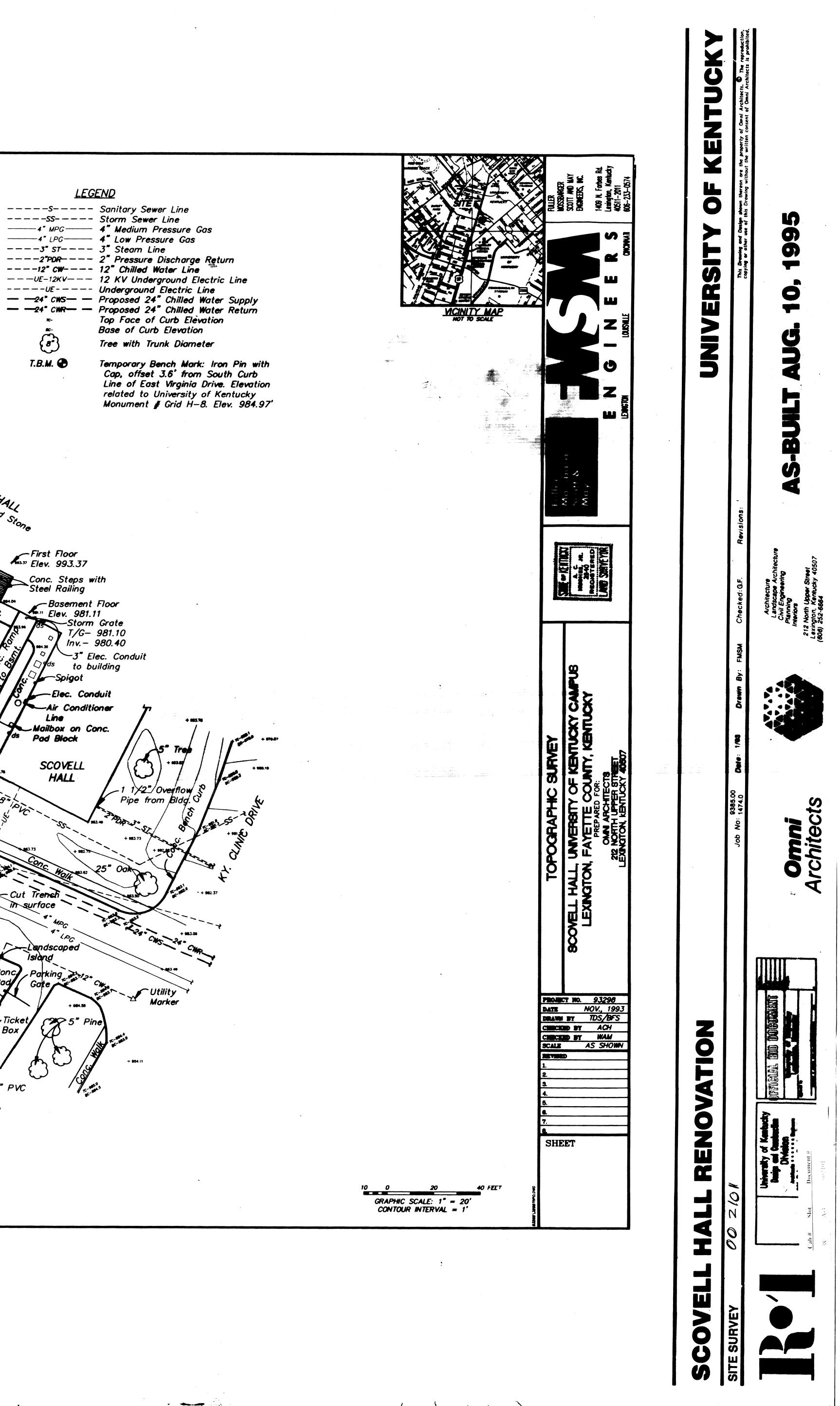
The locations, sizes and types of underground public and quasi public utilities or sub-structures shown hereon were obtained by visual inspection and field measurements taken at the time of the survey, physical locations provided by field representatives of the operating utility company and utility location maps provided by the operating utility company. Prior to any design or construction in the vicinity of any utilities shown hereon, it is recommended that the locations be field verified by the operating utility company. The locations shown hereon are only approximate and there is the possibility that additional utility lines, not discovered during the search of records and the field survey, could exist. Fuller, Mossbarger, Scott and May Engineers, Inc. does not warranty or guarantee that the underground utitlity information shown hereon is accurate or complete. Any contractor, owner or designer using the information shown hereon is hereby fore— warned that any excavation upon this site may result in the discovery of additional underground utilities not shown hereon.

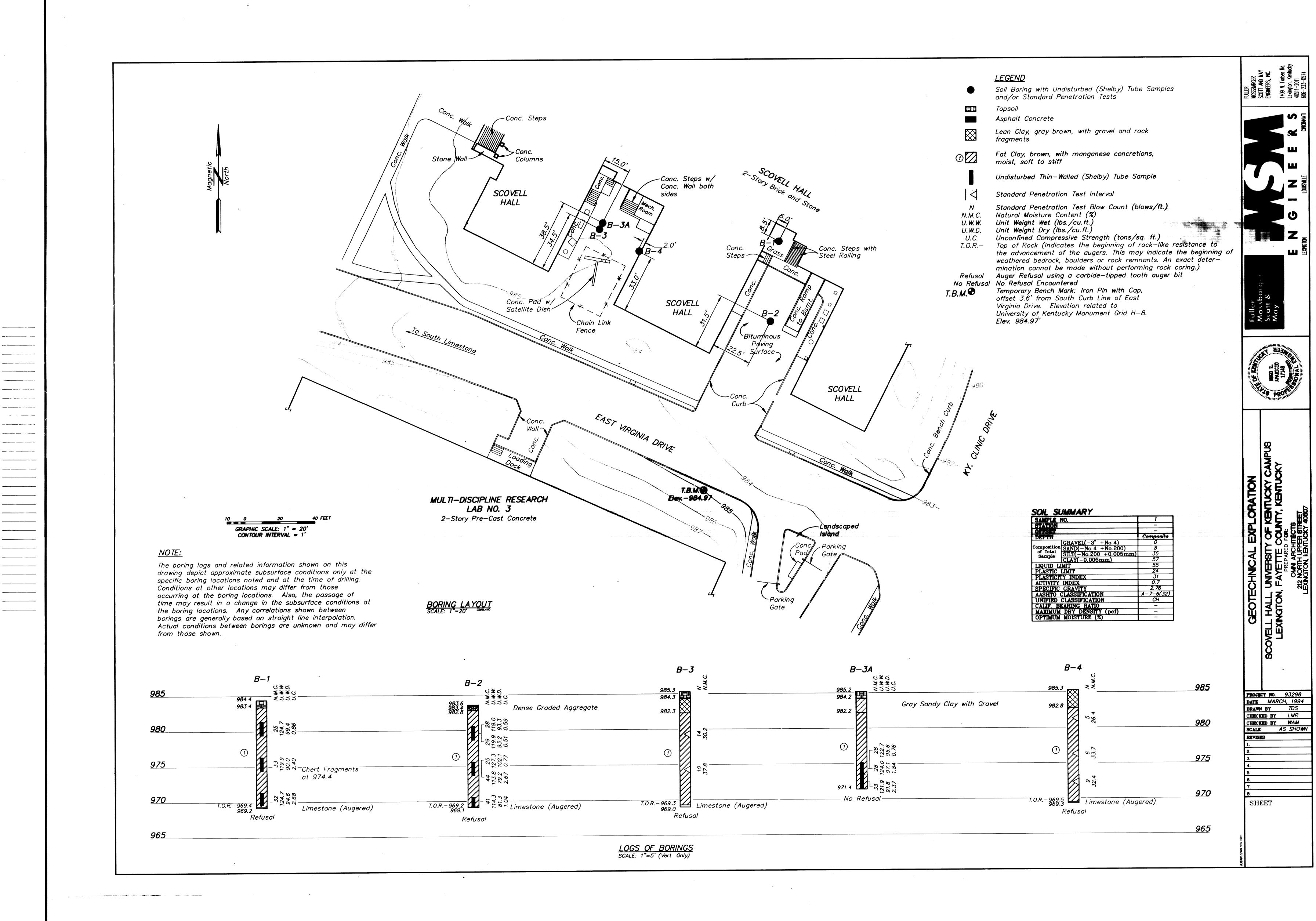
Metal Ligh Post -Telephone/ Communication Manhole Rim– 982.57 2 Real X Conc. Light Pole ð

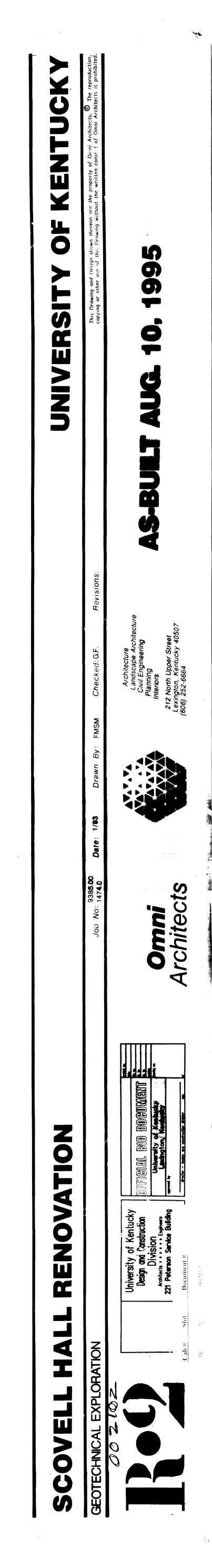
Metal Ligh Post ·

24.2

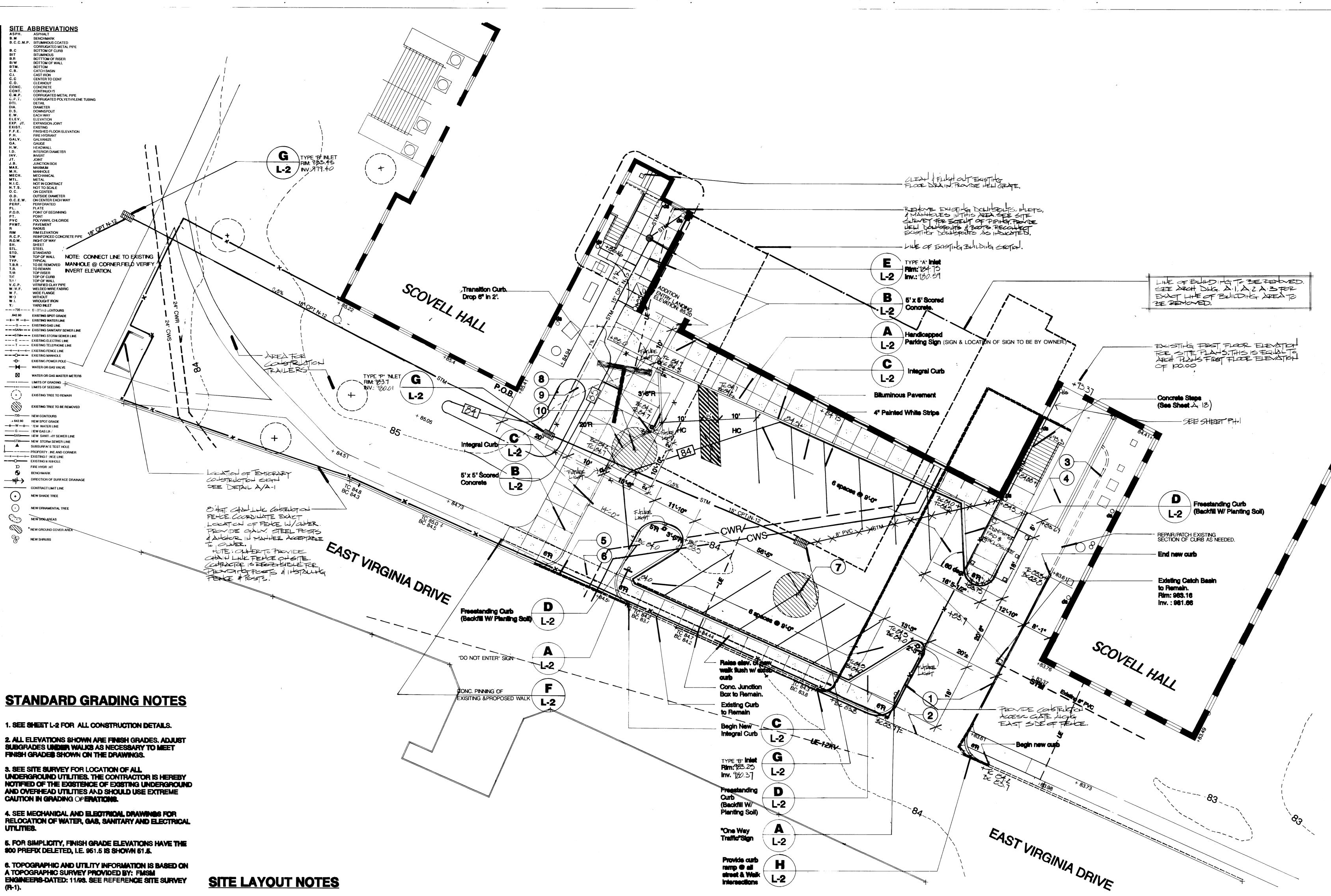
Steps First Floor Elev. 993.24 -2" Steel Pipe -Air Conditioner Roof w/ Conc. -4" Solid Steel Drain Steps below-Pipe into ground Storm Manhole -Conc. Steps w/ T/G- 985.09 Conc. Wall both Inv.- 980.44 SCOVELL sides + 985.30 HALL 4" Solid Storm Manhole
T/G- 985.03
Inv.- 981.38 Storm\Sewer Steel Pipe Manhole Spigot capped **₩**∞*T*/*R*−985.**4**3 Inv.-982.40 -Storm Grate T/G- 984.78 ïξ Inv.- 982.83 1/2" Overflow Line — Storm Grate T/G- 984.65 Wire d Steps-Inv.- 983.58 Elec. Elec. Conduit Elec. Conduit Boxes 19" Maple Conc. Pod w/ Satellite Dish SCOVELL HALL **₩ 98**4.55 └Chain Link Railing Fence + 194.23 Bituminous Paving Surface -+ seady \mathcal{O} Storm Grate T/G- 983.16 Inv.- 981.66-C5" Tree Conc. Curb-IRGINIA DRIVE Storm Grate-T/G- 984.15 Inv.- 983.74 ' inh (10-) Role و مع T.B.M. in surface MULTI-DISCIPLINE RESEARCH (gr) Storm LAB NO. 3 ر وه ک 176- 983.8 2-Story Pre-Cast Concrete Parkina 12" CW-Storm Grate ____, T/G- 984.59 4 | Ínv.- 982.27 J" PVC







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(R-1).

7. VERIFY OP OR INLET ELEVATIONS OF EXISTING STRUCTURES AND ADJUST AS REQUIRED TO MATCH ELEVATIONS SHOWN ON THE DRAWINGS.

8. PROVIDE STRAW BALES, SILT CONTROL FENCE AND OTHER SILT CONTROL MEASURES IF NECESSARY TO PREVENT SOIL AND SILT FROM WASHING OFF SITE OR INTO EXISTING CATCH BASINS. MAINTAIN SILT CONTROL MEASURES IN GOOD OPERATING CONDITION THROUGHOUT THE CONSTRUCTION PERIOD.

9. ALL ELEVATIONS SHOWN ARE FINISH GRADES. EARTHWORK OPERATIONS TO ESTABLISH SITE AND PARKING AREA SUGGRADE ELEVATIONS, ARE INCLUDED IN THIS WORK. ADJUST SUBGRADES AS NECESSARY TO MEET FINISH GRADES SHOWN ON THE DRAWINGS.

10. EXISTING TREES INDICATED TO REMAIN SHALL BE PROTECTED FROM GRADING OPERATIONS. THE CONTRAC OR HALL PROVIDE A 5'HEIGHT ORANGE REFLECTIVE PLASTIC CONSTRUCTION FENCE 10' BEYOND THE DRIP-LINE OF THE TREE. NO EQUIPMENT OR MATERIALS SHALL BE STORED OR PARKED UNDER THE DRIP LINE OF A TREE. SEE SPECS FOR ADDITIONAL RECURIMENT

SITE LAYOUT NOTES

1. SEE R SHEETS FOR SUBSURFACE INFORMATION AND SITE SURVEY.

2. SEE MECHANICAL AND ELECTRICAL DRAWING SHEET FOR DISTRIBUTION OF ALL SITE UTILITIES.

3. ASPHALT PAVEMENT IN THE PARKING AREA SHALL BE 1" BITUMINOUS CONCRETE SURFACE WITH 1-1/2" BITUMINOUS CONCRETE BASE OVER 8" OF COMPACTED D. ...A.

PROVIDE 4" PAINTED STRIPES FOR ALL AREAS **INDICATED ON SHEET L-1.**

5. UNLESS OTHERWISE INDICATED ALL DIMENSIONS ARE REFERENCED AT 90 DEGREE ANGLES.

6. FOR BUILDING DIMENSIONS SEE ARCHITECTURAL PLANS.

7. FLOOR ELEVATIONS ARE GIVEN TO THE TOP OF FLOOR SLAB.

8. DIMENSIONS GIVEN IN RELATIONSHIP TO BUILDINGS ARE MEASURED PERPENDICULAR TO FACE OF BRICK

DEMOLITION NOTES

(1) **REMOVE EXISTING CURB.**

- (2) SAWCUT EXISTING PAVEMENT & MATCH GRADE WITH NEW PAVEMENT. **3**) EXISTING CURB TO REMAIN.
- EXISTING CONCRETE RAMP TO REMAIN.MATCH ELEVATION ATEND OF PAMP WITH NEW PAVEMENT.
-) REMOVE EXISTING SECTION OF CURB.
- 6) REMOVE EXISTING SECTION OF SIDEWALK.
-) RELOCATE EXISTING 5" MAPLE.
- 8) REMOVE EXISTING CONCRETE SATELITE FOUNDATION. & SATELITE DISH HARDWARE & EQUIPMENT **9**) **REMOVE EXISTING CHAINLINK FENCE.**

(10) REMOVE EXISTING 6" DOGWOOD TREE.

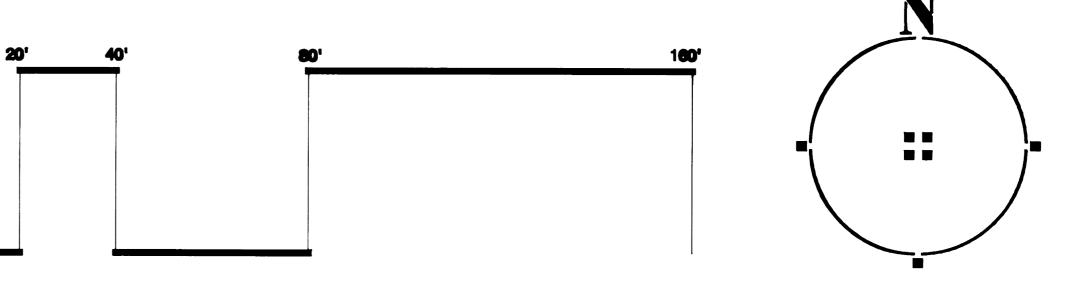
KEY

& FUTURE PARKING LOT LIGHTS (SEE SHEET UI FOR ELECTRICAL ROLEH-IN STECS)

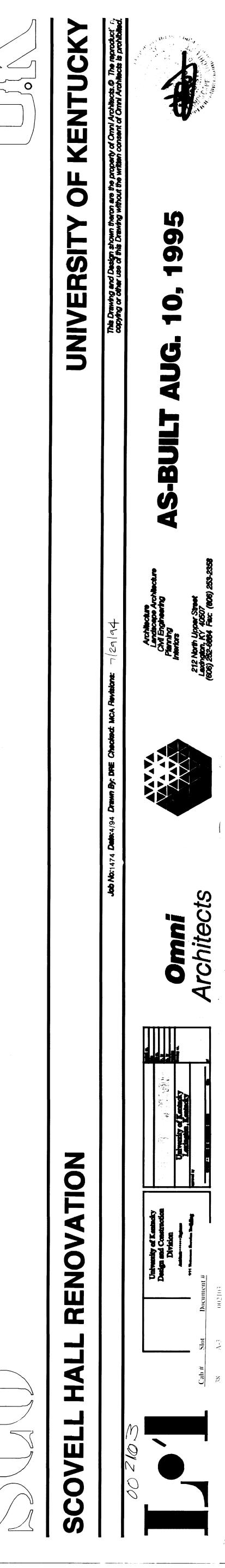
SEED, SOD, AND MULCH ARE IN THE BASE BID

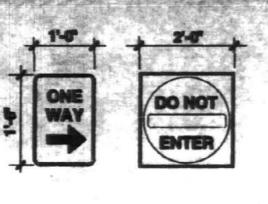
	0' 10' 20
ITE PLAN	
CALE: 1" = 10"	

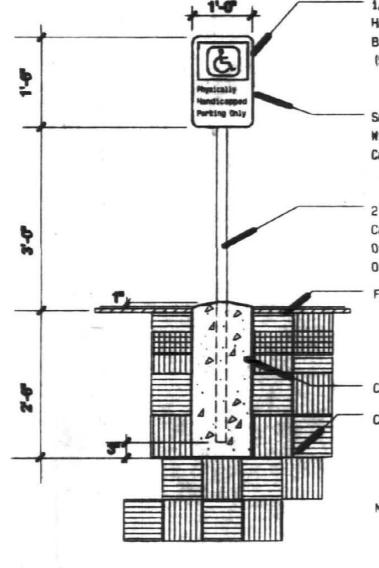












1/8" Alum. Plate International Handicap Symbol (Blue) On White Background With Blue Border (SilkScreened)

Secure Plate To Steel Tube With 2- 5/16" x 2 1/2" Galv. Carriage Bolts.

2" x 2" Galv. Steel Tube With Capped End. Paint With One Coat Of Rust Inhibitive Primer And Two Coats Of Blue Enamel To Match Sign. Finished Grade

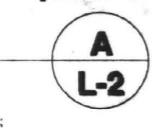
Concrete Footing. ompacted Subgrade

Note: See Specs For Additional Requirements.

(SIGN BY OWNER)

L-2

1 4 2 11 12

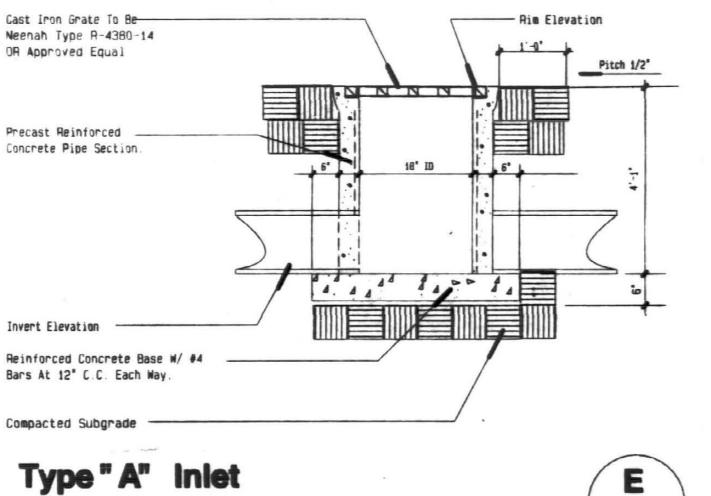


Handicap Parking Sign Detail Scale: 1-1/2"= 1' - 0"

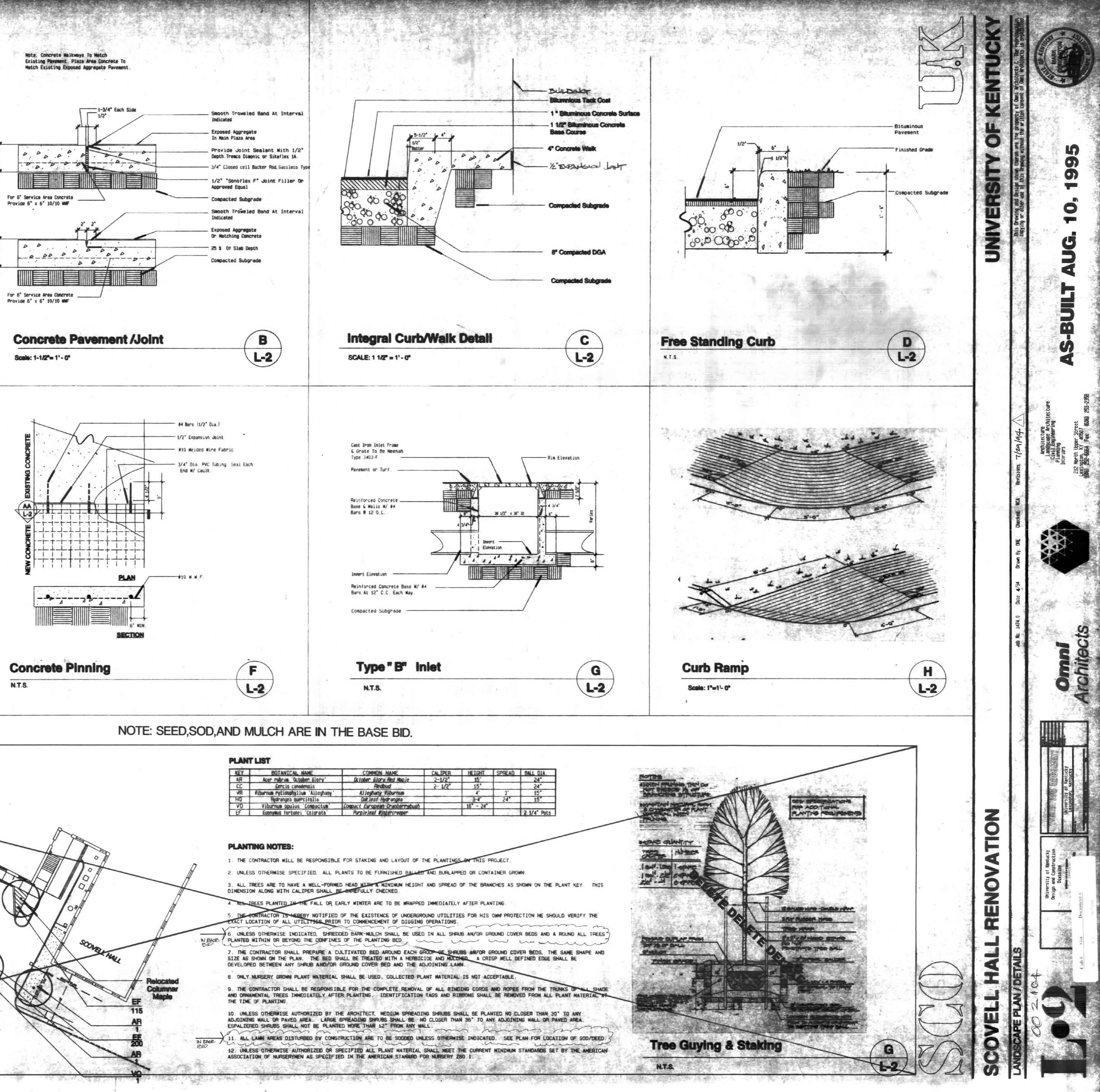
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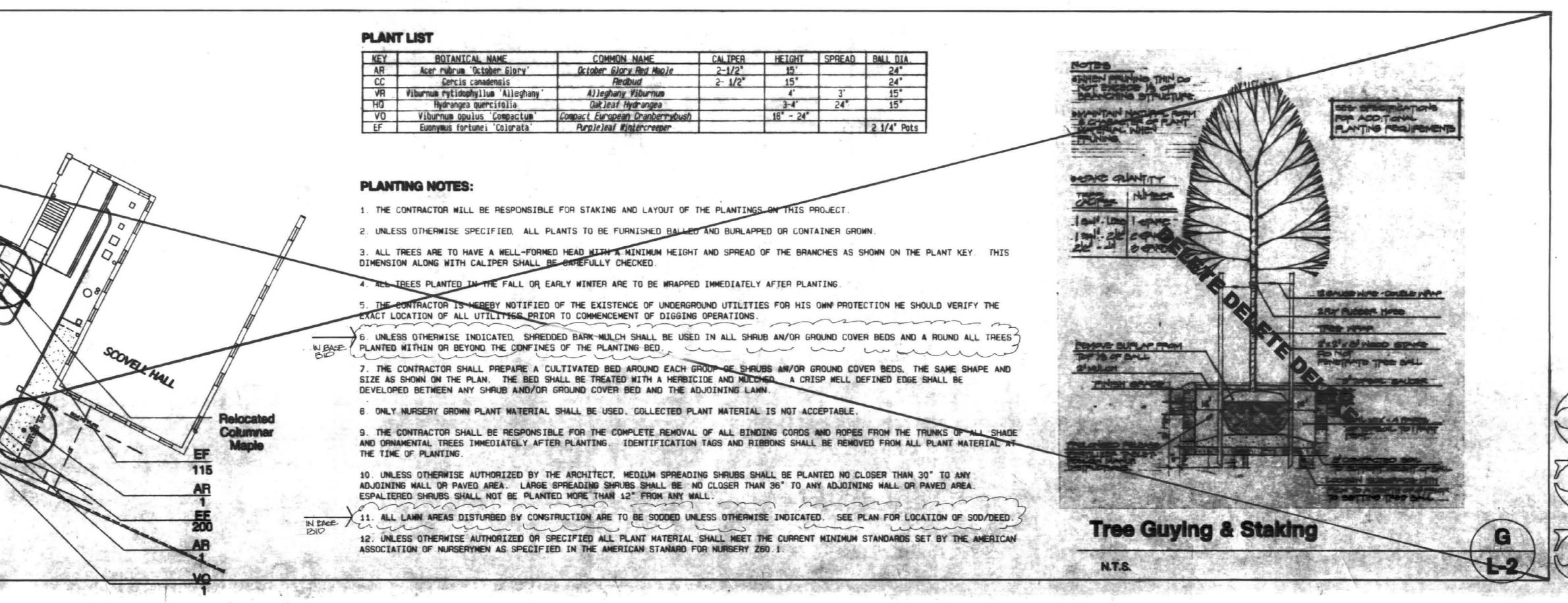
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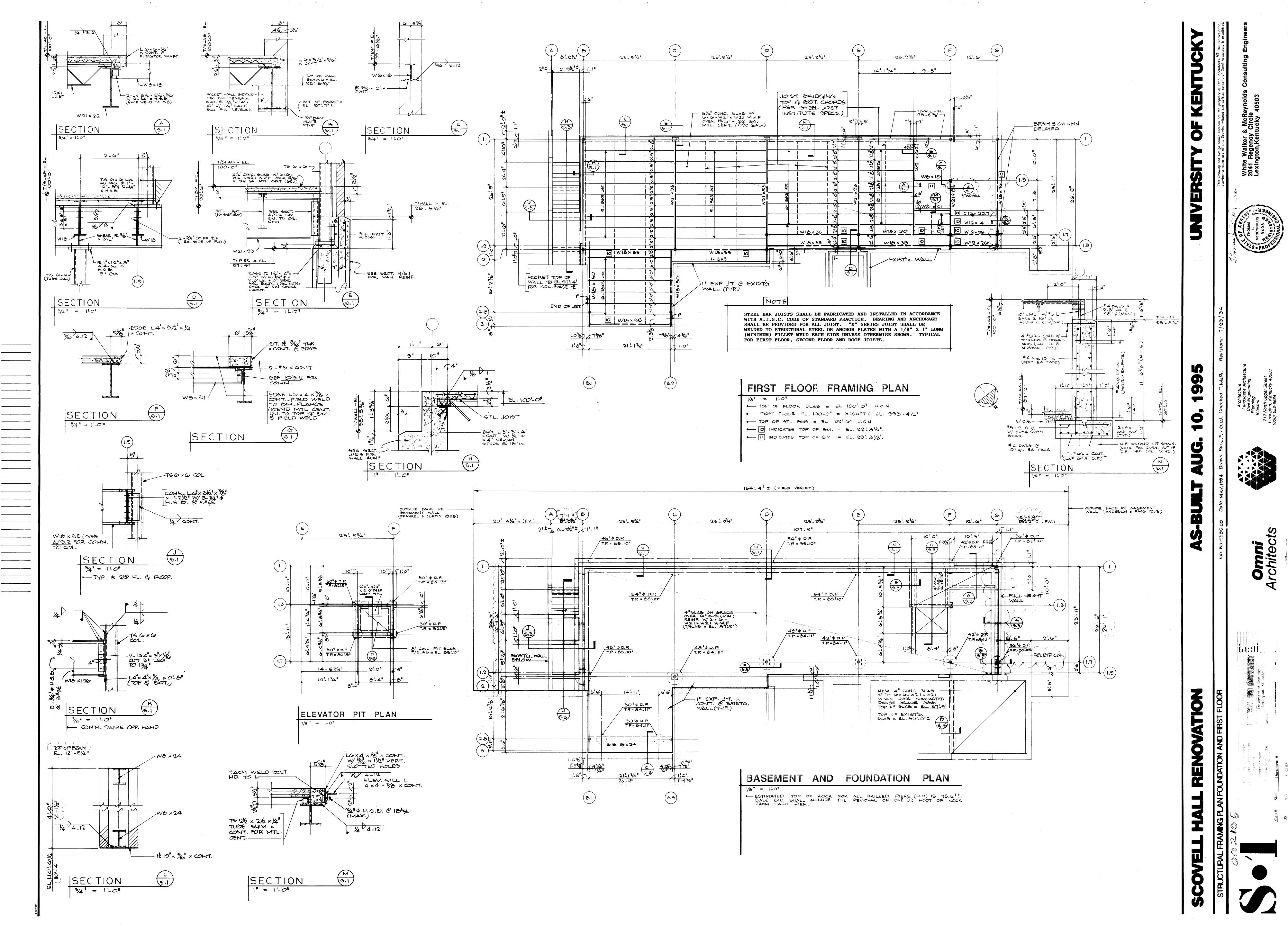




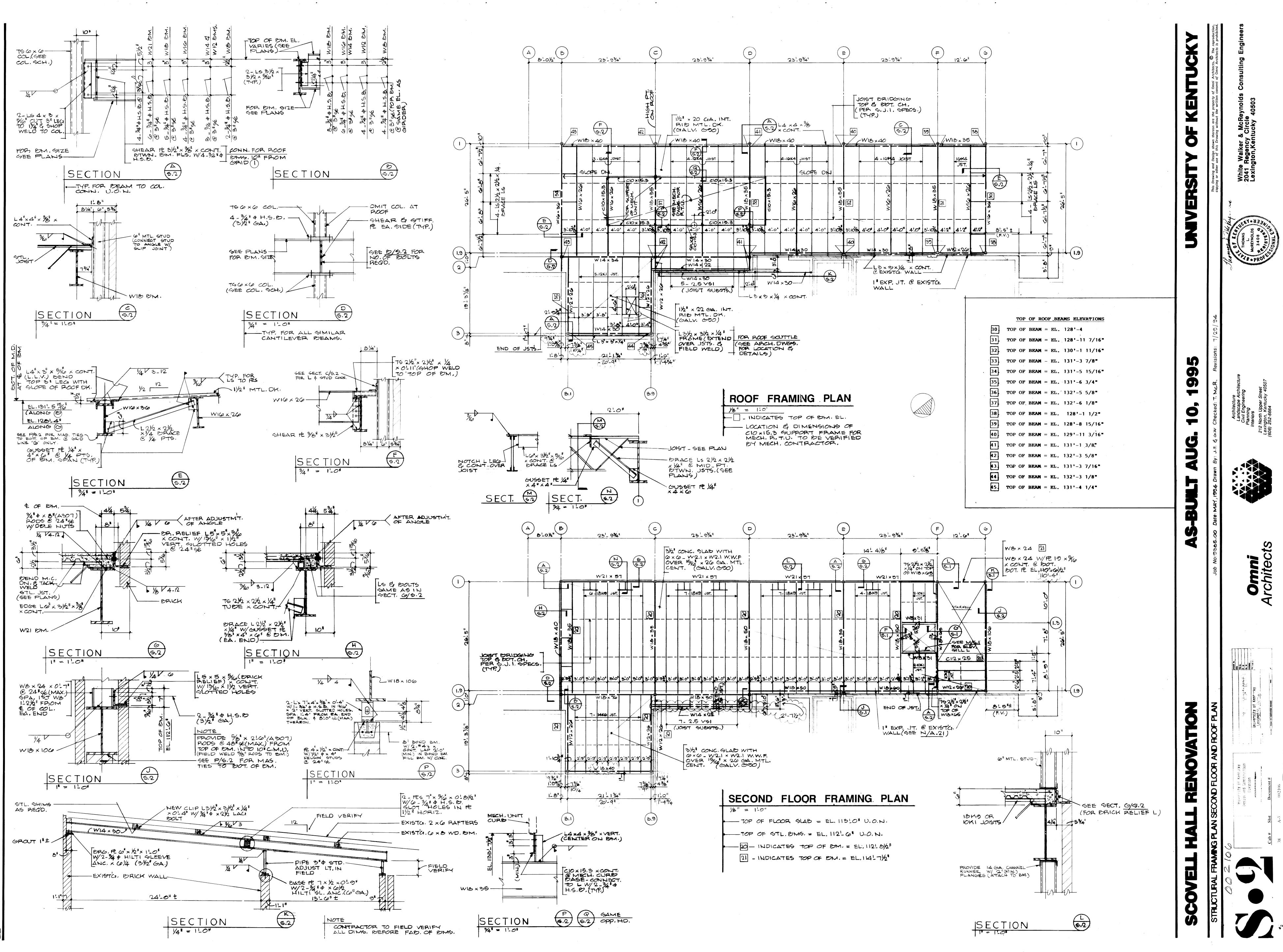


NOTE: ALL LANDSCAPE WORK 0 TO BE IN BASE BID AS DEDUCT ALTERNATE. 200 *Sod work to be included in base bid. *See division two of specifications for alternate number. Landscape Plan ...

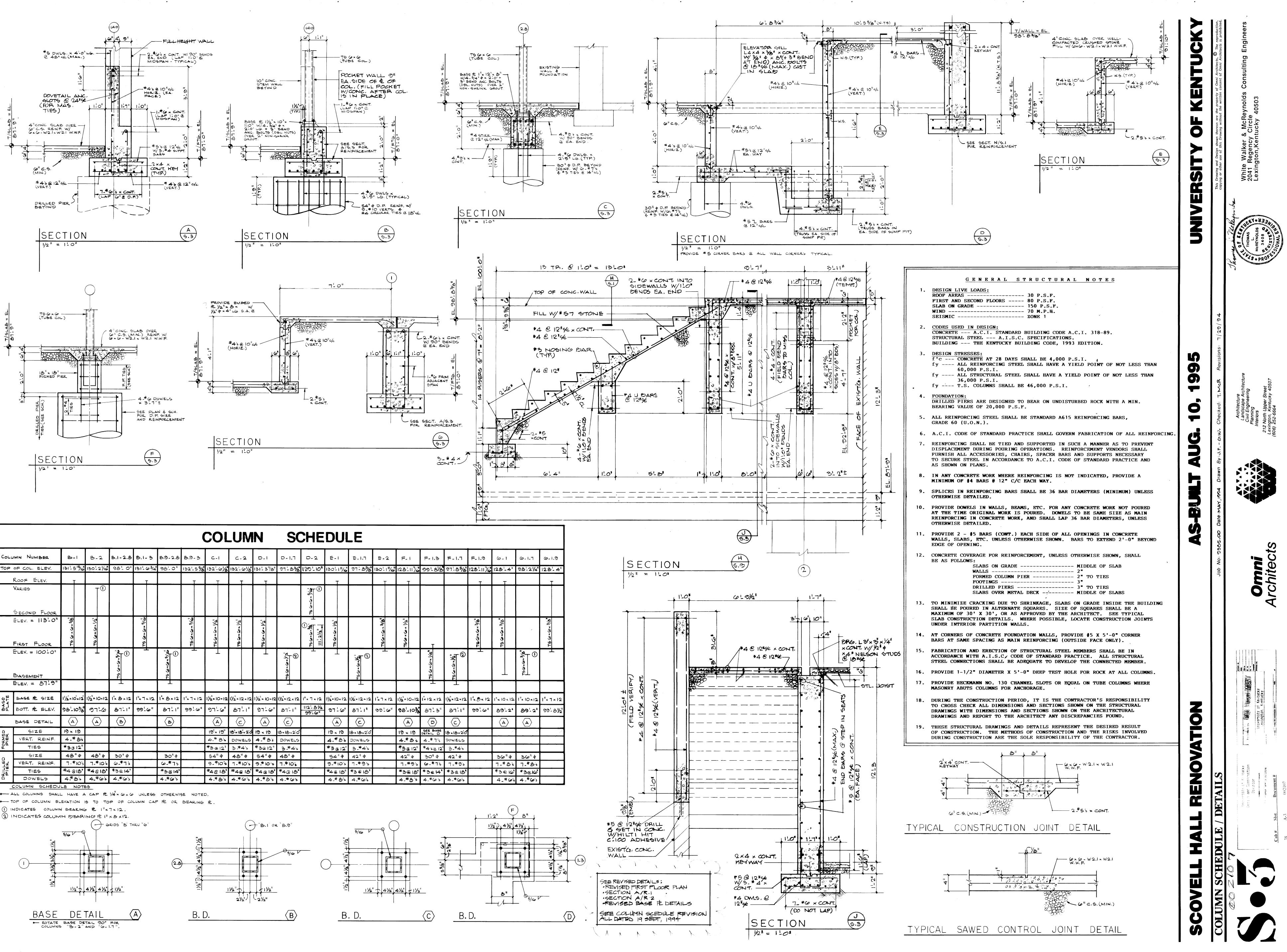


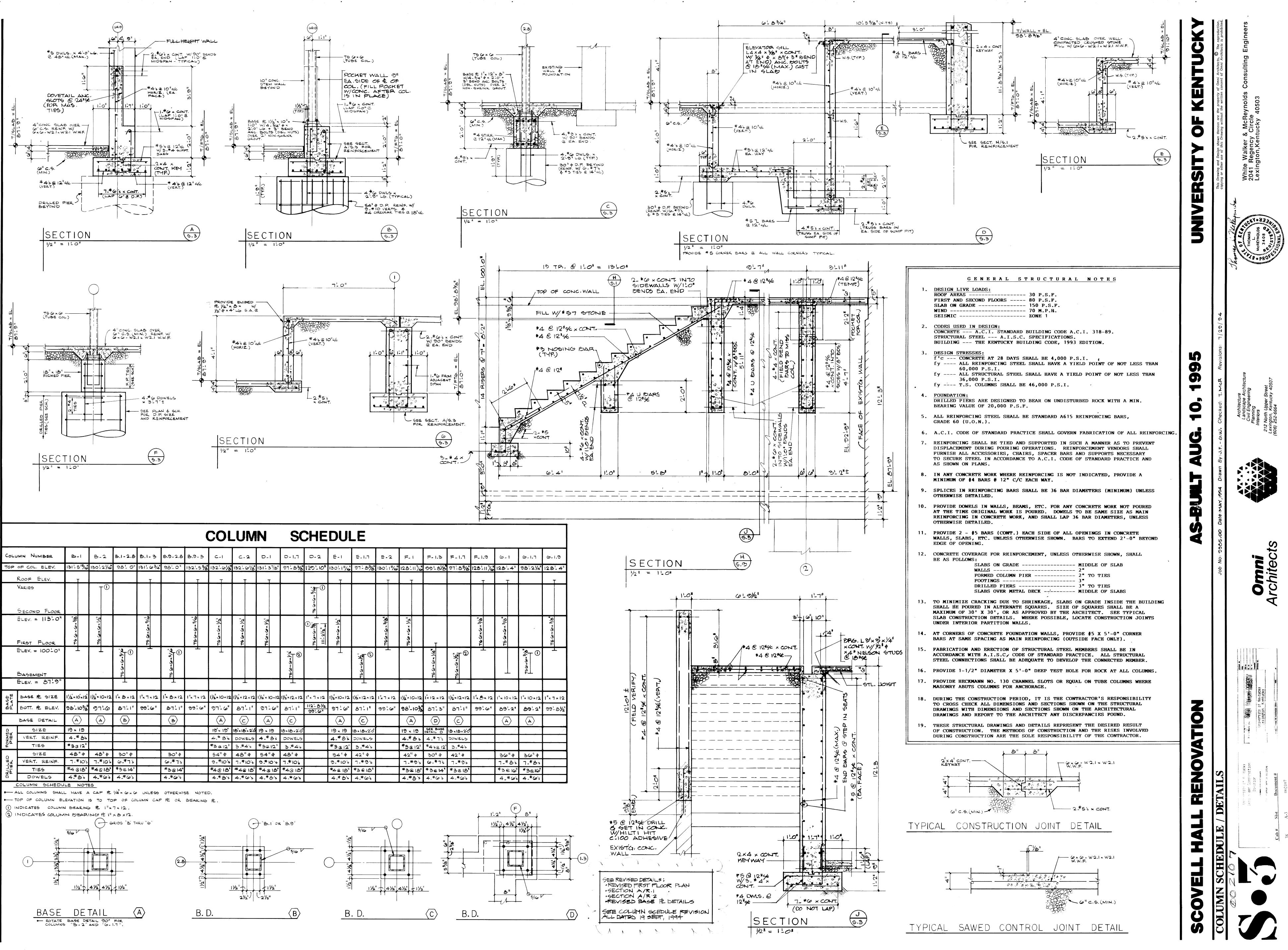


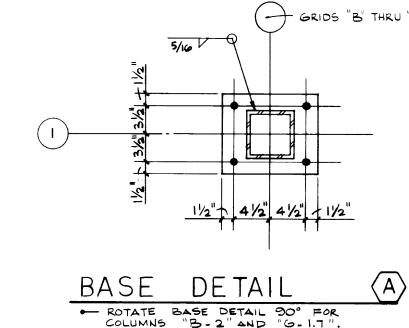
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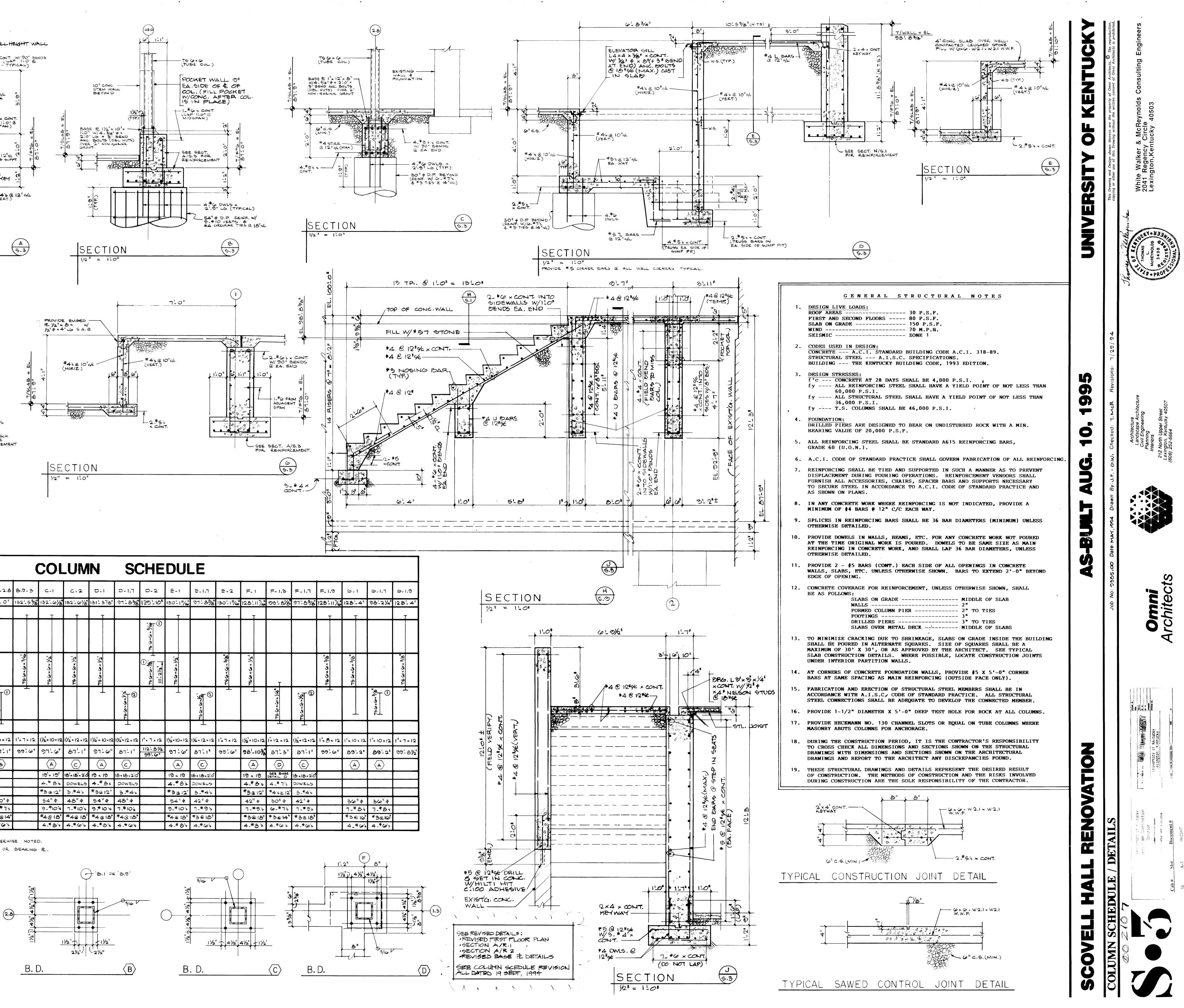


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ABBR	EVIATIONS	GEI
ADJ. A.F.F. ALT. ALUM. ANCH. APPROX.	ADJUSTABLE ABOVE FINISHED FLOOR ALTERNATE ALUMINUM ANCHOR APPROVED	1. ALL DETAILS SHOWN ON THE TO TAKE ACCOUNT OF THE INFO TO EXISTING FEATURES WITHOU EXISTING DETAILS SHOWN MAY V TO INSURE THAT THE DESIGN P ACCOMPLISHED IN THE FIELD AN THAT WOULD PROHIBIT THE EXE
BD. BLDG. BLK. B.M. BOT. BRG. B.U.	B BOARD BUILDING BLOCK BENCH MARK BOTTOM BEARING BUILT UP	2. ALL DIMENSIONS SHOWN ON STUD FACE AND DO NOT INCLUE 3. ALL DIMENSIONS ON ROOM EE 4. CONTRACTOR SHALL NOT SC
CAB. C.T.C. C.F.M. C.J. C.J. C.L. CLG. CLO.	C CABINET CENTER TO CENTER CUBIC FOOT PER MINUTE CAST IN PLACE CONTROL JOINT CENTER LINE CEILING CLOSET	5. CONTRACTOR AND SUBCONTRA BEGINNING CONSTRUCTION OR 6. REFER TO ENLARGED FLOOR SHEETS. 7. CONTRACTOR TO PROVIDE W
CMU C.O. CONC. CONST. CONT. CONTR. CONTR. CORR. CPT. C.T. CU.	CONCRETE MASONRY UNIT CLEANOUT COLUMN CONCRETE CONSTRUCTION CONTINUOUS CONTRACTOR CORRUGATED CARPET CERAMIC TILE CERAMIC FLOOR TILE CUBIC	PROVIDE BLOCKING FOR FUTURE 8. ARCHITECTURAL DIMENSION 9. REFER TO NOTES FOR WINDO 10. CONFIRM ACTUAL ROOM NU DRAWINGS ARE FOR CONSTRUCT 11. ON WALL SECTIONS, REFER CONSTRUCTION.
DEPT. DET. DIA. DIM. DISP. DR. DS. DWG.	D DEPARTMENT DETAIL DIAMETER DIMENSION DISPENSER DOOR DOWNSPOUT DRAWING	12. REFER TO REFLECTED CEILI INSTALLED SMOKE TIGHT TO UN 13. REFER TO MECHANICAL AND 14. REFER TO LINTEL SCHEDULE MECHANICAL PENETRATIONS. 15. EXTERIOR DIMENSIONS ARE VERIFY ALL DIMENSIONS PRIOR
EA. E.J. ELEC. ELEV. EQ. EQUIP. EXIST. EXP. E.W.C.	E EACH EXPANSION JOINT ELECTRIC ELEVATION / ELEVATOR EQUIAL EQUIPMENT EXISTING EXPOSED ELECTRIC WATER COOLER	DISCREPANCIES. 16. PROVIDE RECESSED FIRE E GENERAL DEMO 1. CONTRACTOR SHALL NOTIFY THAT DIFFER FRCM DESCRIPTIO
F.D. FDN. F.E. FIN. FIX. FL. FT.	F FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FINISH FIXTURE FLOOR FOOT / FEET	2. CONTRACTOR SHALL PATCH A PIPING, DUCTWORK OR CONDUIT INCLUDE FINISHING AND PAINT TO MATCH EXISTING. 3. ALL EXISTING DIMENSIONS IN VERIFIED.
GA. GALV. G.B. GL. GR. GYP. BD.	G GAUGE GALVANIZED GRAB BAR / GYPSUM BOARD GLASS / GLAZING GRADE GYPSUM BOARD	4. ALL EXISTING AREAS, WHERE OF THE EXISTING FINISH WITH EXISTING STRUCTURE/SUBSTRATE 5. GENERAL CONTRACTOR SHALL 6. SEE M & E SHEETS FOR ADDI 7. SHORE AND BRACE AREAS AS
HDWR HM HORIZ. HR. HT. IN. IN. INSUL. INT.	HARDWARE HOLLOW METAL HORIZONTAL HOUR HEIGHT INCH INSULATION INTERIOR	8. PATCH FLOORS/WALLS/CEILIN WORK. ALL EXPOSED TO VIEW A 9. PATCH FLOORS/WALLS/CEILIN PLUMBING WORK. REFER TO RE FLOOR PENETRATIONS, NEW PAN PENETRATIONS IN RATED WALLS
JAN JT. LAB. LAM. LAV. L.H.	J JANITOR JOINT LABORATORY LAMINATE LAVATORY LEFT HAND	HAZARDOUS MA THE OWNER HAS RECENTLY COM CONTRACTOR IS HEREBY ADVISED POSSIBLE THAT OTHER MATERIA IS NOT CERTAIN IS ASBESTOS F THE OWNER.
MATL. MAX. MECH. MEMB. MFR. MIN. MISC. M.O. MET.	MATERIAL MAXIMUM MECHANICAL MEMBRANE MANUFACTURER MINIMUM MISCELLANEOUS MASONRY OPENING METAL	1. THE CONTRACTOR IS HEREBY THE DETERMINATION OF THE PR DESIGN PROFESSIONAL INVOLV ENCAPSULATION OF ASBESTOS. 2. IF THE WORK TO BE PERFORM COMPONENTS WHICH HAVE ASBEST
MULL. N.I.C. NO. NOM. N.T.S.	MULLION NOT IN CONTRACT NUMBER NOMINAL NOT TO SCALE	RESPONSIBILITY TO CONTACT MEANS AND METHODS TO BE UTIL 3. BY EXECUTION OF THE CONT BRING NO CLAIM FOR NEGLIGEN ARCHITECT, ENGINEERS, HIS PR ANY WAY WOULD INVOLVE THE I 4. BY EXECUTION OF THE CONT
0.C. OPP. 0Z. PART. PL. PLS.	O ON CENTER OPPOSITE OUNCE PARTITION PLATE PLASTIC	DEFEND, INDEMNIFY, AND HOLD CONSULTANTS HARMLESS FROM THE CONTRACTOR'S SUBCONTRAC UNDER THE DIRECTION OF THE
PLYW'D PROT. P.T.D. Q.T. R.	PLYWOOD PROTECTIVE PAPER TOWEL DISPENSER	
R.D. REF. REINF. REQD. R.H. RM.	ROOF DRAIN REFRIGERATOR REINFORCE REQUIRED RIGHT HAND ROOM	BUILDIN
SECT. SCHED. SIM. S.N.D. SQ. SQ. SPEC. SERV. S.S. STL. STD. STD. STD. STD. STD. STP.	S SECTION SCHEDULE SIMILAR SANITARY NAPKIN DISPENSER SQUARE SPECIFICATION SERVICE STAINLESS STEEL STAINLESS STEEL STANDARD STORAGE STRUCTURAL SUSPENDED	RENOVATION / ADDI USE GROUP: BUSIN TYPE OF CONSTRUC
T&G TEMP. TEL. THRES. T.O.S. T.P.H. TYP. UR.	 TONGUE & GROOVE TEMPERATURE / TEMPORARY TELEPHONE THRESHOLD TOP OF STEEL TOILET PAPER HOLDER TYPICAL URINAL 	FIRE RESISTANCE R STRUCTURAL STE CORRIDOR WALLS EXTERIOR WALLS FLOOR CONSTRUC ROOF CONSTRUC FIRE STAIRS: 2 HO
VAC. V.C.T. VENT. VEST. VERT.	VACUUM VINYL COMPOSITE TILE VENTILATOR VESTIBULE VERTICAL	SHAFTS AND ELEV FIRE PROTECTION: KBC EDITION: 1991
W/ WD. WDW. WDW. W.H. W/O WT. WWF YD.	WITH WATER CLOSET WOOD WINDOW WATER HEATER WITHOUT WEIGHT WELDED WIRE FABRIC YARD	NEW CONSTRUCTIO DEMOLITION: RENOVATION: MINOR ALTERATION

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GENERAL NOTES

ILS SHOWN ON THESE PLANS IN AREAS OF EXISTING CONSTRUCTION HAVE BEEN DESIGNED OUNT OF THE INFORMATION AVAILABLE AT THE PROJECT DESIGN PHASE WITH RESPECT FEATURES WITHOUT DESTRUCTIVE INVESTIGATION. ASSUMPTIONS HAVE BEEN MADE AND AILS SHOWN MAY VARY IN THE FIELD. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY HAT THE DESIGN PHILOSOPHY INDICATED IN THE PROPOSED DETAILS CAN BE IN THE FIELD AND HE SHALL REPORT, TO THE ARCHITECT, ANY EXISTING CONDITIONS PROHIBIT THE EXECUTION OF THE INTENDED DESIGN.

NSIONS SHOWN ON PLANS ARE TO CENTER LINE OF COLUMN. FACE OF MASONRY OR METAL ND DO NOT INCLUDE THICKNESS OF DRYWALL UNLESS OTHERWISE INDICATED.

VSIONS ON ROOM ELEVATIONS ARE TO FACE OF FINISH UNLESS OTHERWISE INDICATED. FOR SHALL NOT SCALE DRAWINGS FOR DIMENSIONS.

TOR AND SUBCONTRACTORS SHALL VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO CONSTRUCTION OR ORDERING ANY MATERIALS.

ENLARGED FLOOR PLANS FOR ADDITIONAL DIMENSIONS AS INDICATED ON REFERENCE

OR TO PROVIDE WOOD BLOCKING FOR CASEWORK AND ACCESSORIES WHERE REQUIRED. CKING FOR FUTURE ALTERNATES IF ITEMS ARE DELETED AT BID OPENING. TURAL DIMENSIONS SUPERCEDE STRUCTURAL DIMENSIONS.

NOTES FOR WINDOW TYPES TO RECEIVE WINDOW BLINDS.

ACTUAL ROOM NUMBERS WITH OWNER'S REPRESENTATIVE. ROOM NUMBERS ON RE FOR CONSTRUCTION PURPOSES ONLY.

SECTIONS, REFER TO STRUCTURAL DRAWINGS FOR SPECIFIC FOUNDATION)N .

REFLECTED CEILING PLANS FOR RATED WALLS. ALL RATED ASSEMBLIES TO BE MOKE TIGHT TO UNDERSIDE OF DECK. MECHANICAL AND ELECTRICAL SHEETS FOR FULL EXTENT OF ACCESS PANELS. LINTEL SCHEDULES FOR MASONRY OPENINGS. PROVIDE STEEL LINTELS FOR ALL

DIMENSIONS ARE BASED UPON AS-BUILT FLOOR PLANS FURNISHED BY OWNER. FIELD DIMENSIONS PRIOR TO BEGINNING WORK. CONTACT ARCHITECT WITH ANY

RECESSED FIRE EXTINGUISHER EXCEPT IN CONCEALED ROOMS.

AL DEMOLITION NOTES

DR SHALL NOTIFY ARCHITECT OF ANY DISCREPANCIES IN CONCEALED AREAS/CONDITIONS FRCM DESCRIPTIONS NOTED HEREIN.

OR SHALL PATCH AND REPAIR WALLS AND CEILINGS ACCESSED TO INSTALL MECHANICAL TWORK OR CONDUIT AND IN AREAS OUTSIDE RENOVATION WORK. PATCHING SHALL ALSO SHING AND PAINTING OF WALLS AND REPLACEMENT OF CEILING TILES/SUSPENSION GRID STING.

ING DIMENSIONS INDICATED ARE FOR DEMOLITION ESTIMATES AND ARE TO BE FIELD

ING AREAS, WHERE NEW CEILING/FLOORING IS SPECIFIED, SHALL REQUIRE THE REMOVAL ING FINISH WITH PATCHING, REPAIRING AND PREPARATION (AS REQUIRED) OF THE RUCTURE/SUBSTRATE TO RECEIVE THE NEW FINISH.

CONTRACTOR SHALL VERIFY WITH OWNER ALL EQUIPMENT TO BE RELOCATED. SHEETS FOR ADDITIONAL DEMOLITION REQUIREMENTS.

BRACE AREAS AS REQUIRED.

ORS/WALLS/CEILINGS AT INTERSECTION OF DEMOLISHED AREAS & ADJACENT TO ALL NEW XPOSED TO VIEW AREAS SHALL BE PATCHED AND PAINTED. ORS/WALLS/CEILINGS RELATED TO ALL DEMOLITION & NEW MECHANICAL & ELECTRICAL & RK. REFER TO RELATED MECHANICAL & ELECTRICAL SHEETS FOR SCOPE OF WORK,

RATIONS, NEW PANELS, ETC. CAULK AROUND NEW PENETRATIONS EXPOSED TO VIEW. IN RATED WALLS AND IN NEW AND EXISTING CORRIDORS ARE TO BE FIRE-SAFED.

DOUS MATERIALS

AS RECENTLY COMPLETED A HAZARDOUS MATERIALS ABATEMENT PROGRAM. THE S HEREBY ADVISED THAT, BECAUSE OF THE AGE OF THE EXISTING BUILDING, IT IS AT OTHER MATERIALS REMAIN. IF ANY WORKMAN ENCOUNTERS ANY MATERIAL WHICH HE AIN IS ASBESTOS FREE, HE SHOULD NOT WORK ON OR NEAR THAT MATERIAL AND ADVISE

RACTOR IS HEREBY ADVISED THAT OMNI ARCHITECTS IS NOT A DESIGN PROFESSIONAL IN NATION OF THE PRESENCE OF HAZARDOUS MATERIALS, NOR IS OMNI ARCHITECTS A ESSIONAL INVOLVED WITH MAKING RECOMMENDATIONS REGARDING THE REMOVAL OR ON OF ASBESTOS.

DRK TO BE PERFORMED UNDER THIS CONTRACT INTERFACES IN ANY WAY WITH EXISTING WHICH HAVE ASBESTOS OR OTHER HAZARDOUS MATERIALS. IT IS THE CONTRACTOR'S ITY TO CONTACT THE OWNER OR THE OWNER'S CONSULTANT REGARDING THE PROPER THODS TO BE UTILIZED IN DEALING WITH THE HAZARDOUS MATERIALS.

TION OF THE CONTRACT FOR CONSTRUCTION, THE CONTRACTOR HEREBY AGREES TO AIM FOR NEGLIGENCE, BREACH OF CONTRACT, INDEMNITY, OR OTHERWISE AGAINST THE NGINEERS, HIS PRINCIPALS, EMPLOYEES, AGENTS, AND CONSULTANTS, IF SUCH CLAIM IN LD INVOLVE THE INVESTIGATION OF WORK RELATED TO ASBESTOS IN THE PROJECT.

TION OF THE CONTRACT FOR CONSTRUCTION, THE CONTRACTOR FURTHER AGREES TO EMNIFY, AND HOLD THE ARCHITECT AND HIS PRINCIPALS, EMPLOYEES, AGENTS, AND HARMLESS FROM ANY SUCH ASBESTOS RELATED CLAIMS THAT MAY BE BROUGHT BY TOR'S SUBCONTRACTORS, SUPPLIERS, OR OTHER THIRD PARTIES WHO MAY BE ACTING IRECTION OF THE CONTRACTOR PURSUANT TO THIS PROJECT.

LDING STATISTICS

ION / ADDITION

UP: BUSINESS (B)

CONSTRUCTION: 3B-UNPROTECTED

ISTANCE RATINGS: FURAL STEEL: 0 HOURS OR WALLS: 1 HOUR OR WALLS: 0 HOURS CONSTRUCTION: 0 HOURS ONSTRUCTION: 0 HOURS AIRS: 2 HOURS SAND ELEVATOR HOISTWAY: 2 HOURS

TECTION: NON-SPRINKLED ION: 1991

STRUCTION: 3 FLOORS @ 3760 G.S.F. = 11,280 G.S.F. = 11,765ON: G.S.F. = 4,700ION: TERATIONS: G.S.F. = 5,400

DEMOLITION NOTE	ହ
KEY NOTE	\odot
WALL TYPE INDICATOR	$\mathbf{r}_{\mathbf{s}}$
ELEVATION MARK	A A-5.1
SECTION MARK	A-5.1
MATCHLINE INDICATOR	Â
NEW DOOR	A112B
EXISTING DOOR	3434
WINDOW INDICTOR	B
DETAIL INDICATOR	G (4-3.1)
EXISTING DOOR TO BE REMOVED	- Jorde
EXISTING WALL TO BE REMOVED	=======
NEW WALL	
CONCRETE MASONRY UNIT	
BRICK	
MASONRY INFILL AND PLASTER (MATCH EXISTING)	<u>x x x x</u>
EXISTING WALL	
GLASS	1 . 11 11
2 HOUR	
1 HOUR	[
TEMPORARY PARTITIONS	
FIBER GLASS INSULATION	200000000000000000000000000000000000000
NEW CONSTR	UCTION KE
4'-0"X4'-0" HIN MARKERBOARD.	IGED CONFERENCE REFER TO Q/A-20
2 B'-0"XB'-0" PRO A CD ALTERNA	JECTION SCREEN
	IGED CONFERENCE REFER TO Q/A-20
(4) BASE AND WALL C	ABINETS
5 MOVEABLE PART	ITIONS
6 BASE CABINETS	
C COUNTERTOPS	
PATCH AREA TO	MATCH EXISTING
D.F. DRINKING FOUNT	TAIN
▼ F.E. FIRE EXTINGUI	SHER

LEGEND

PARTITION TYPE NOTES:

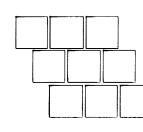
1. SEE PLAN SHEETS FOR LOCATIONS.

WALLS.

3. FILL, LEVEL, REMOVE HIGH SPOTS AND CLEAN EXISTING FLOORS / FLOOR SLABS BEFORE INSTALLING FINISH FLOOR MATERIAL.

4. EXTEND ALL GYPSUM WALLS TO UNDERSIDE OF DECK UNLESS OTHERWISE NOTED.

5. EXTEND ALL SMOKE WALLS TIGHT TO DECKABOVE.

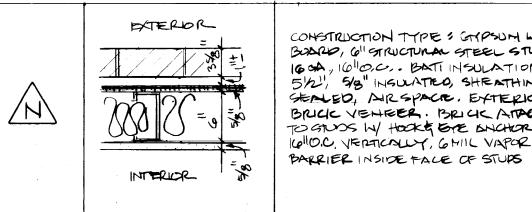


6. ALL EXPOSED TO VIEW C.M.U. ON INTERIOR OF BUILDING ONLY TO HAVE 1 VERTICAL SCORE DIVIDING THE MASONRY UNIT INTO VISUALLY TWO NOMINAL SQUARES 8"X8". JOINTS ARE TO BE STAGGERED 4" AND FILLED WITH MORTAR AND TOOLED CONCAVE.

7. IN AREAS WITH EXPOSED STRUCTURE CEILINGS EXTEND WALL MATERIAL TO 8" ABOVE WINDOWS AND FINISH PERAPPROPRIATE DETAIL.

8. IN ROOMS TO RECEIVE PARTIAL WALLS & NOT SCHEDULED TO RECEIVE NEW BASE, PROVIDE BASE TO MATCH ADJACENT AREA. 9. ALL DRYWALL PARTITIONS TO RECEIVE EITHER PAINTED FINISH OR VINYL

WALL COVERING.

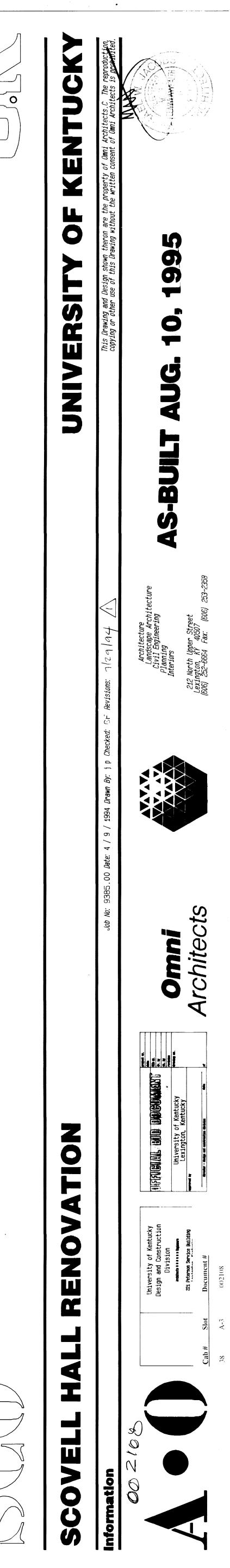


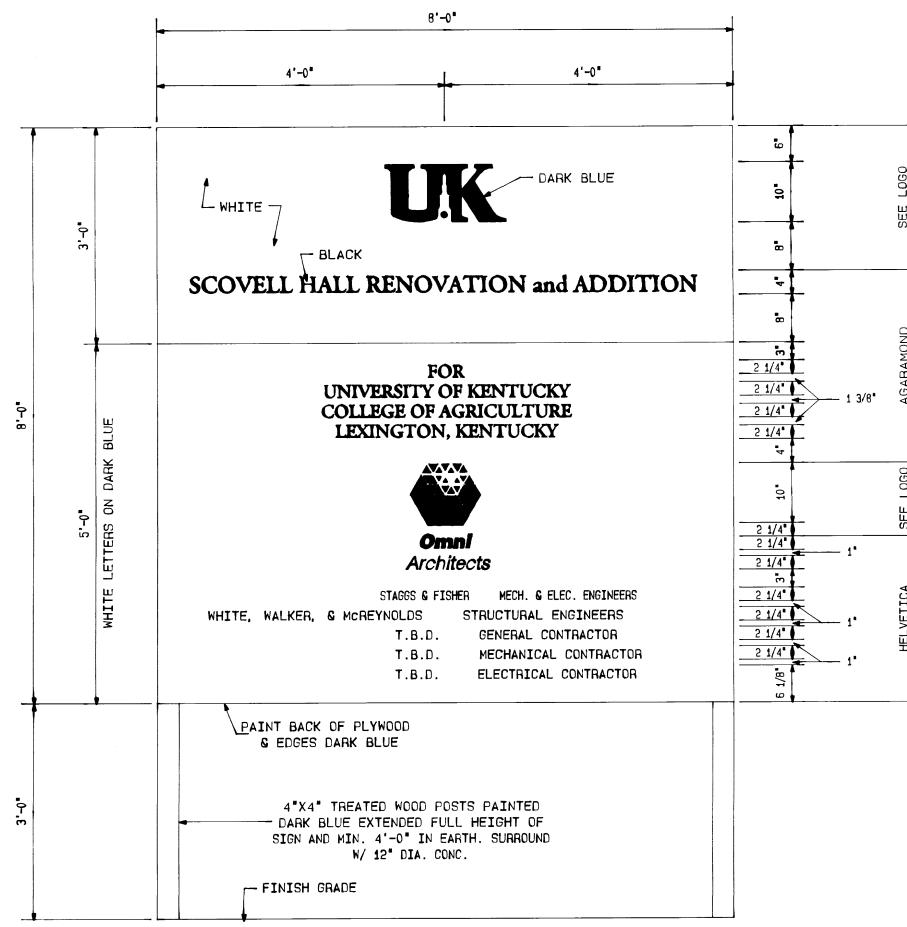
PARTITION TYPE	DETAIL	DESCRIPTION	DESIG NUMBE
	THICKNESS: 4 7/8" LIMITING HEIGHT: 17' 3" APPROX. WEIGHT: 6 PSF SOUND TEST: NGC 2385, 7-28-70	CONSTRUCTION TYPE: GYPSUM WALLBOARD, METAL STUDS ONE LAYER 5/8" TYPE X GYPSUM WALLBOARD OR VENEER BASE APPLIED AT RIGHT ANGLES OR PARALLEL TO EACH SIDE OF 3-5/8" METAL STUDS 16" O.C. WITH 1" TYPE S DRYWALL SCREWS 8" O.C. TO VERTICAL EDGES AND TOP AND BOTTOM RUNNERS AND 12" O.C. TO INTERMEDIATE STUDS. STAGGER ALL VERTICAL AND HORIZONTAL JOINTS 24" O.C. EACH SIDE. EXTEND FULL HEIGHT TO DECK ABOVE, PROVIDE 3" ACOUSTICAL INSULATION FOR FULL HEIGHT OF WALL.	1 HOUF UL# U46
B	THICKNESS: 4 7/8"	CONSTRUCTION TYPE: GYPSUM WALLBOARD, METAL STUDS ONE LAYER 5/8" GYPSUM WALLBOARD OR VENEER BASE APPLIED AT RIGHT ANGLES OR PARALLEL TO EACH SIDE OF 3-5/8" METAL STUDS 16" O.C. WITH 1" TYPE S DRYWALL SCREWS 8" O.C. TO VERTICAL EDGES AND TOP AND BOTTOM RUNNERS AND 12" O.C. TO INTERMEDIATE STUDS. EXTEND FULL HEIGHT TO DECK ABOVE.	NON RATED
C	THICKNESS: 4 7/8"	CONSTRUCTION TYPE: GYPSUM WALLBOARD, METAL STUDS ONE LAYER 5/8" GYPSUM WALLBOARD OR VENEER BASE APPLIED AT RIGHT ANGLES OR PARALLEL TO EACH SIDE OF 3-5/8" METAL STUDS 16" O.C. WITH 1" TYPE S DRYWALL SCREWS 8" O.C. TO VERTICAL EDGES AND TOP AND BOTTOM RUNNERS AND 12" O.C. TO INTERMEDIATE STUDS. EXTEND FULL HEIGHT TO DECK ABOVE. PROVIDE 3" ACOUSTICAL INSULATION FOR FULL HEIGHT OF WALL AND ACOUSTICAL CAULKING AT TOP AND BOTTOM.	NON RATEC
D	THICKNESS: 3-3/4" LIMITING HT: REFER TO MFR. APPROX. WEIGHT: 8-1/2 PSF FIRE TEST: UC ES-7408, 11-21-75	CONSTRUCTION TYPE: GYPSUM WALLBOARD, METAL STUDS 1"X24" TYPE X PROPRIETARY GYPSUM PANELS INSERTED BETWEEN 2 1/2" FLOOR AND CEILING TRACK WITH TAB-FLANGE SECTION OF 2 1/2" METAL STUDS BETWEEN PROPRIETARY GYPSUM PANELS. TWO LAYERS OF 5/8" TYPE X GYPSUM WALLBOARD OR VENEER BASE APPLIED TO FACE OF METAL STUDS. BASE LAYER APPLIED AT RIGHT ANGLES OR PARALLEL TO STUDS WITH 1" TYPE S DRYWALL SCREWS 24" O.C. AND FACE LAYER APPLIED AT RIGHT ANGLES TO BASE LAYER WITH 1 5/8" TYPE S DRYWALL SCREWS 12" O.C.	2 HOU WP 707
E	THICKNESS: VARIES LIMITING HT: 16'-0' APPROX. WEIGHT: 5-1/2 PSF FIRE TEST: UL RA024-13 DESIGN U420, 11-17-76 SOUND TEST: RAL TL 76-155 6-3-76	CONSTRUCTION TYPE: GYPSUM WALLBOARD, METAL STUDS 5/8" TYPE X GYPSUM WALLBOARD OR VENEER BASE APPLIED PARRALLEL TO DOUBLE ROW OF 1 5/8" METAL STUDS 16" O.C. WITH 1" TYPE S DRYWALL SCREWS 8" O.C. AT EDGES AND TOP AND BOTTOM RUNNERS, 12" O.C. IN FIELD. STAGGER JOINTS 16" EACH SIDE. 25 GA. RUNNER PIECES LOCATED AT 1/3 POINTS USED AS CROSS BRACES AND ATTACHED WITH TWO NO. 9X1/2" SELF DRILLING STEEL SCREWS AT EACH END. SOUND TESTED USING 3-1/2" GLASS FIBER STAPLED TO ONE SIDE IN CAVITY.	1 HOUF WP 501
F	EXISTING MASONARY WALL	CONSTRUCTION TYPE: GYPSUM WALLBOARD, METAL HAT CHANNELS. ONE LAYER 5/8" REGULAR GYPSUM WALLBOARD OR VENEER BASE APPLIED AT RIGHT ANGLES OR PARALLEL TO 7/8" METAL HAT CHANNELS 16" O.C. WITH 1" TYPE S DRYWALL SCREWS 8" O.C. TO VERTICAL EDGES AND TOP AND BOTTOM RUNNERS AND 12" O.C. TO INTERMEDIATE STUDS. STAGGER ALL VERTICAL AND HORIZONTAL JOINTS 24" O.C. EXTEND 6" ABOVE CEILING.HAT CHANNELS FASTENED TO EXISTING MASONRY WALL WITH FASTENERS THAT WILL NOT CAUSE STRUCTURAL DAMAGE TO EXISTING MASONRY. (I.E. CRACKS)	NON RATED
G	THICKNESS: 6 1/8" LIMITING HEIGHT: 19' 5" APPROX. WEIGHT: 10 PSF SOUND TEST: RAL TL 61-213 7-6-61	CONSTRUCTION TYPE: GYPSUM WALLBOARD, METAL STUDS BASE LAYER 5/8" TYPE X GYPSUM WALLBOARD OR VENEER BASE APPLIED PARALLEL TO EACH SIDE OF 3-5/8" METAL STUDS 16" O.C. WITH 1" TYPE S DRYWALL SCREWS 8" O.C. TO INTERMEDIATE STUDS. FACE LAYER 5/8" PLAIN TYPE X GYPSUM WALLBOARD OR VENEER BASE APPLIED PARRALLEL TO STUDS OVER BASE LAYERS WITH LAMINATING COMPOUND COMBED OVER ENTIRE SURFACE. METAL BASE AND TOP RETAINER CHANNELS. STAGGER JOINTS 24" O.C. EACH LAYER EACH SIDE. EXTEND WALL FROM FLOOR TO METAL DECK ABOVE.	2HOUF WP 171
H	THICKNESS: 7 5/8"	CONSTRUCTION TYPE: CONCRETE MASONRY UNIT NOMINAL 8"X8"X16" C.M.U. WITH CLASSIFICATION D-2 (2-HOUR) LAID IN A FULL BED OF MORTAR NOMINAL 3/8" THICK. VERTICAL JOINTS STAGGERED. JOINTS TOOLED CONCAVE PROVIDE HORIZONTAL LADDER TYPE REINFORCING EVERY OTHER COURSE.	2 HOUF UL 903 WHERE SHOWN
	THICKNESS: 11 5/8"	CONSTRUCTION TYPE: CONCRETE MASONRY UNIT NOMINAL 12"X8"X16" C.M.U. WITH CLASSIFICATION D-2 (2-HOUR) LAID IN A FULL BED OF MORTAR NOMINAL 3/8" THICK. VERTICAL JOINTS STAGGERED. JOINTS TOOLED CONCAVE PROVIDE HORIZONTAL LADDER TYPE REINFORCING EVERY OTHER COURSE.	2 HOUF UL 905 WHERE SHOWN
Ĵ	THICKNESS: 1'-4 "		NON RATED UNLES NOTED
K	EXTERIOR BUSS BUSS BUSS BUSS BUSS BUSS BUSS BUS		2 HOUF
Ĺ	EXTERIOR 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	LINE OF BRICK ABOVE CONSTRUCTION TYPE: CONCRETE WALL POURED IN PLACE CONCRETE FOUNDATION WARL, IZEIN FORDED AS DEVE STRUCTURAL DIZALINGS	NON RATED
L2	THICKNESS: 1'-11 " TOTAL	ADD BRICK VENEER TO THE INTERIOR OF WALL TYPE "L"	NON RATED
		MATCH EXISTING ADJACENT CONSTRUCTION AND	

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2. PROVIDE WATER RESISTANT GYPSUM WALL BOARD AT ALL TOILET ROOM

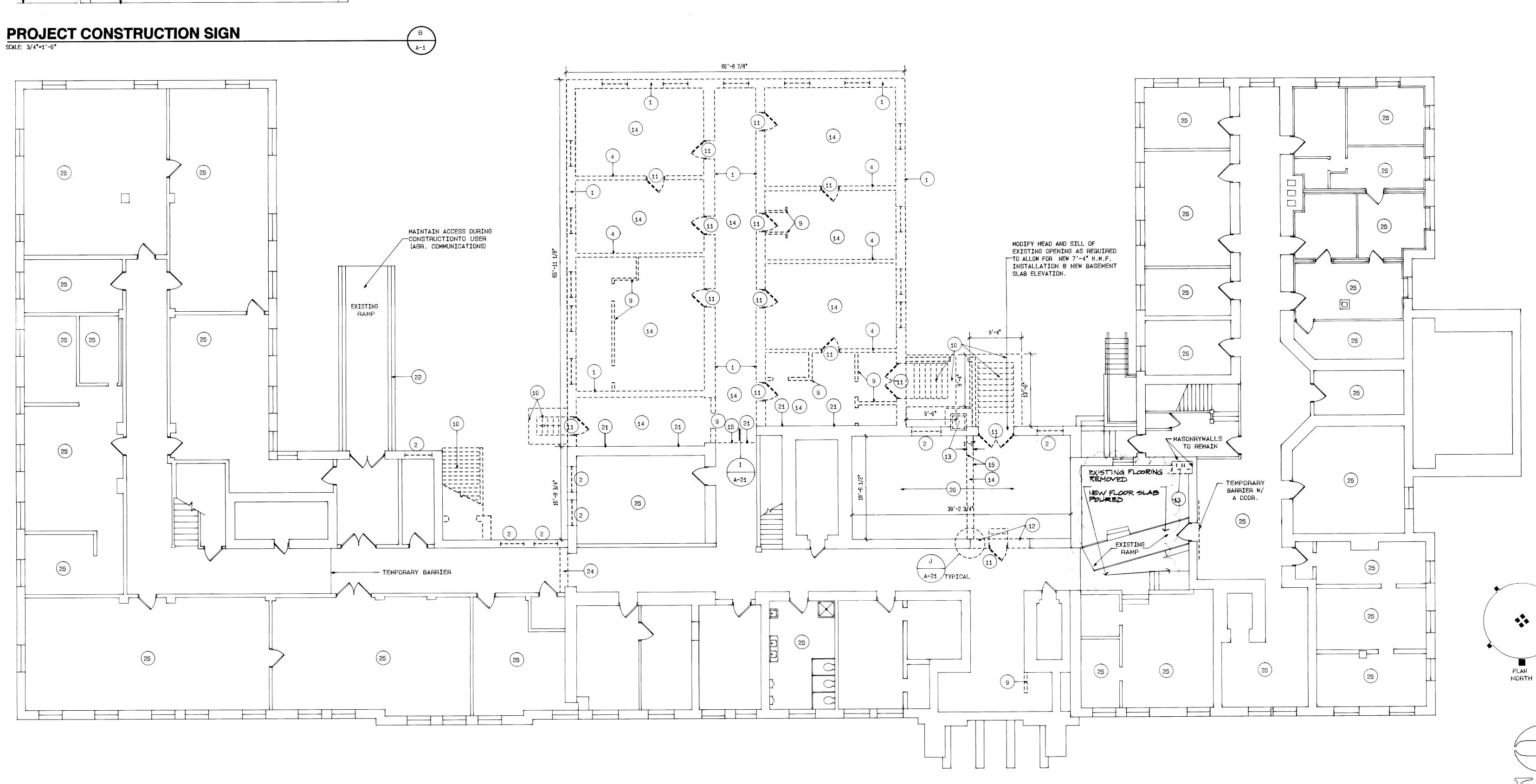
CONSTRUCTION TYPE : GAPSUM WALF BOARD, 6" STRUCTURAL STEEL STUDS, 16 A, 1610, C. BATTINSULATION 160A, 10"0, C, BATHINSULATION 51/2", 5/8" INGULATED, SHEATHING SEALED, AIRSPACE, EXTERIOR NON BRICK VENEER. BRICK ATACHED PATED TO GLOSS W/ HOCKE BYE BACHORS 1610, C, VERTICALLY, GHILL VILPOR







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BASEMENT DEMOLITION PLAN • S C A L E: 1/8" = 1'-0"

GENERAL DEMOLITION NOTES:

- 1. Contractor shall notify Architect of any discrepancies in concealed areas/conditions that differ from descriptions noted herein.
- or conduit and in areas outside renovation work. Patching shall also include finishing and painting of walls and replacement of ceiling tiles/suspension grid to match existing.
- 3. All existing dimensions indicated are for demolition estimates and are to be field verified. 4. All existing areas, where new ceiling/flooring is specified, shall require the removal of the existing finish with patching, repairing and preparation (as required) of the existing structure/substrate to
- 5. General Contractor shall verify with Owner all equipment to be relocated.
- 6. See M & E sheets for additional demolition requirements.
- 7. Shore and brace areas as required.

receive the new finish.

- 8. Refer to site sheets for site demolition.
- 9. Refer to repair notes for minor demolition and repair work.
- 10. Refer to cutting and patching specification for full requirements.

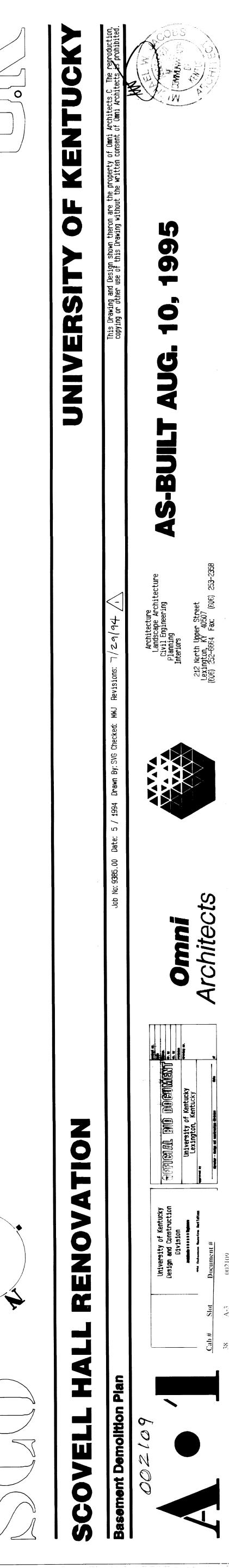
11. Patch floor to match existing where partitions are removed.

2. Contractor shall patch and repair walls and ceilings accessed to install mechanical piping, ductwork

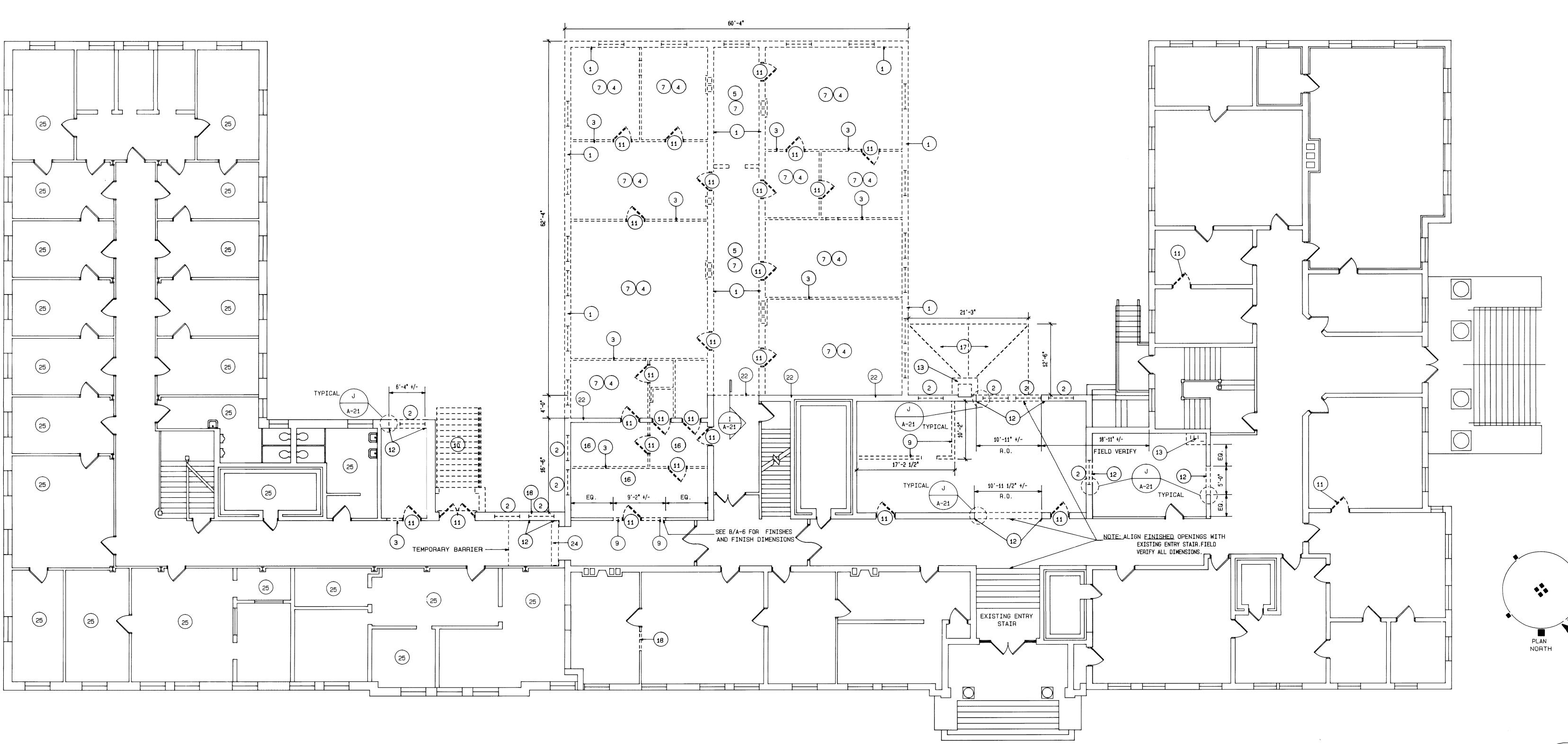
DEMOLITION KEY NOTES:

- 1. REMOVE MASONRY BEARING WALL, FOUNDATION WALL, AND FOOTING.
- 2. REMOVE WINDOW AND FRAME TO MASONRY OPENING.
- 3. REMOVE INTERIOR WALL OF 4" STRUCTURAL GLAZEDTILES.
- 4. REMOVE FLOOR SYSTEM OF 3 X 14 JOISTS @ 16" O.C.
- 5. REMOVE FLOOR SYSTEM OF 2 X 14 JOISTS @ 16" O.C.
- 6. REMOVE FLOOR OF CERAMIC TILE ON 1 X.
- 7. REMOVE FLOOR OF V.C.T. ON 1 X. 8. REMOVE BUILT UP FLOOR OF 2 X JOISTS
- 9. REMOVE INTERIOR WALL OF WOOD STUDS AND PLASTER.
- 10. REMOVE CONCRETE STEPS AND CONCRETE FOOTING/FOUNDATION.
- 11. REMOVE DOOR AND FRAME.
- 12. SAWCUT AND REMOVE EXISTING MASONRY WALL PROVIDE TEMPORARY SUPPORT WITH STEEL LINTEL AS NECESSARY, PATCH FLOORLINE FLUSH. REFER TO K/A-21
- 13. REMOVE MASONRY CHIMNEY.
- 14. REMOVE CONCRETE FLOOR SLAB.
- 15. SAWCUT CONCRETE SLAB.
- 16. REMOVE V.C.T. TILE.
- 17. REMOVE WOOD ROOF AND WALL FRAMING.
- 18. MAKE OPENING IN WALL FOR NEW DOOR.
- 19. N.A.
- 20. REMOVE BUILT-UP FLOOR
- 21. PROVIDE COMPLETE SHORING AND BRACING AT INTERFACE BETWEEN EXISTING AND WING TO BE REMOVED. PROVIDE PERMANANT WOOD FRAMING TO STABALIZE EXISTING FLOORING WITH HEADERS ETC.
- 22. REMOVE STEEL PIPE RAILING, THIS SIDE ONLY.
- 23. REFER TO FURNITURE PLANS FOR LOCATION OF USER GROUPS.
- 24. REMOVE ROLLING SHUTTER WALL, PAINT AND PATCH.
- 25. NO ARCHITECTURAL WORK THIS ROOM.

A-1



FIRST FLOOR DEMOLITION PLAN S C A L E: 1/8" = 1'-0"



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GENERAL DEMOLITION NOTES:

1. Contractor shall notify Architect of any discrepancies in concealed areas/conditions that differ from descriptions noted herein.

- 2. Contractor shall patch and repair walls and ceilings accessed to install mechanical piping, ductwork or conduit and in areas outside renovation work. Patching shall also include finishing and painting of walls and replacement of ceiling tiles/suspension grid to match existing.
- 3. All existing dimensions indicated are for demolition estimates and are to be field verified.
- 4. All existing areas, where new ceiling/flooring is specified, shall require the removal of the existing finish with patching, repairing and preparation (as required) of the existing structure/substrate to receive the new finish.
- 5. General Contractor shall verify with Owner all equipment to be relocated.
- 6. See M & E sheets for additional demolition requirements.
- 7. Shore and brace areas as required.
- 8. Refer to site sheets for site demolition.
- 9. Refer to repair notes for minor demolition and repair work.
- 10. Refer to cutting and patching specification for full requirements. 11. Patch floor to match existing where partitions are removed.

DEMOLITION KEY NOTES:

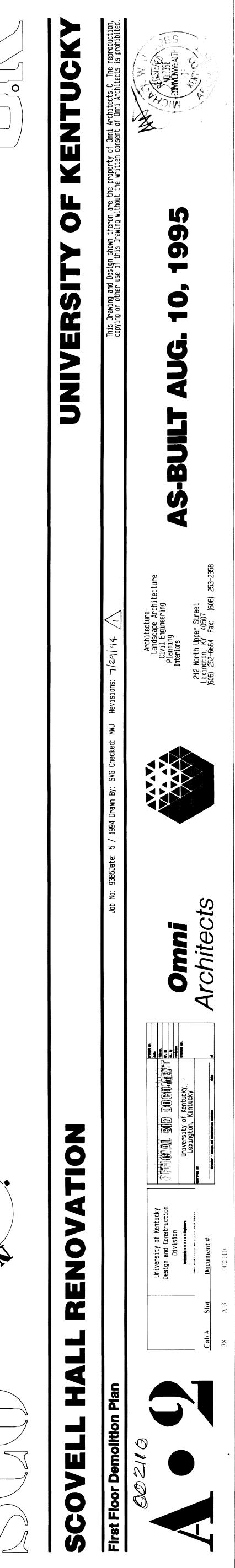
- 1. REMOVE MASONRY BEARING WALL, FOUNDATION WALL, AND FOOTING.
- 2. REMOVE WINDOW AND FRAME TO MASONRY OPENING.
- 3. REMOVE INTERIOR WALL OF 4" STRUCTURAL GLAZEDTILES.
- 4. REMOVE FLOOR SYSTEM OF 3 X 14 JOISTS @ 16" O.C.
- 5. REMOVE FLOOR SYSTEM OF 2 X 14 JOISTS @ 16" O.C.
- 6. REMOVE FLOOR OF CERAMIC TILE ON 1 X.
- 7. REMOVE FLOOR OF V.C.T. ON 1 X.
- 8.REMOVE BUILT UP FLOOR OF 2 X JOISTS .
- 9. REMOVE INTERIOR WALL OF WOOD STUDS AND PLASTER.
- 10. REMOVE CONCRETE STEPS AND CONCRETE FOOTING/FOUNDATION.
- 11. REMOVE DOOR AND FRAME.
- 12. SAWCUT AND REMOVE EXISTING MASONRY WALL PROVIDE TEMPORARY SUPPORT WITH STEEL LINTEL AS NECESSARY, PATCH FLOORLINE FLUSH. REFER TO K/A-21
- 13. REMOVE MASONRY CHIMNEY. PROVIDE 2X HEADER ON ALL 4 SIDES.
- 14. REMOVE CONCRETE FLOOR SLAB.
- 15. SAWCUT CONCRETE SLAB.
- 16. REMOVE V.C.T. TILE.
- 17. REMOVE WOOD ROOF AND WALL FRAMING.
- 18. MAKE OPENING IN WALL FOR NEW DOOR.
- 19. N.A.
- 20. REMOVE BUILT-UP FLOOR .
- 21. PROVIDE COMPLETE SHORING AND BRACING AT INTERFACE BETWEEN EXISTING AND WING TO BE REMOVED. PROVIDE PERMANANT WOOD FRAMING TO STABALIZE EXISTING FLOORING WITH HEADERS ETC.
- 22. REMOVE STEEL PIPE RAILING, THIS SIDE ONLY.
- 23. REFER TO FURNITURE PLANS FOR LOCATION OF USER GROUPS.
- 24. REMOVE ROLLING SHUTTER WALL, PAINT AND PATCH.
- 25. NO ARCHITECTURAL WORK THIS ROOM.

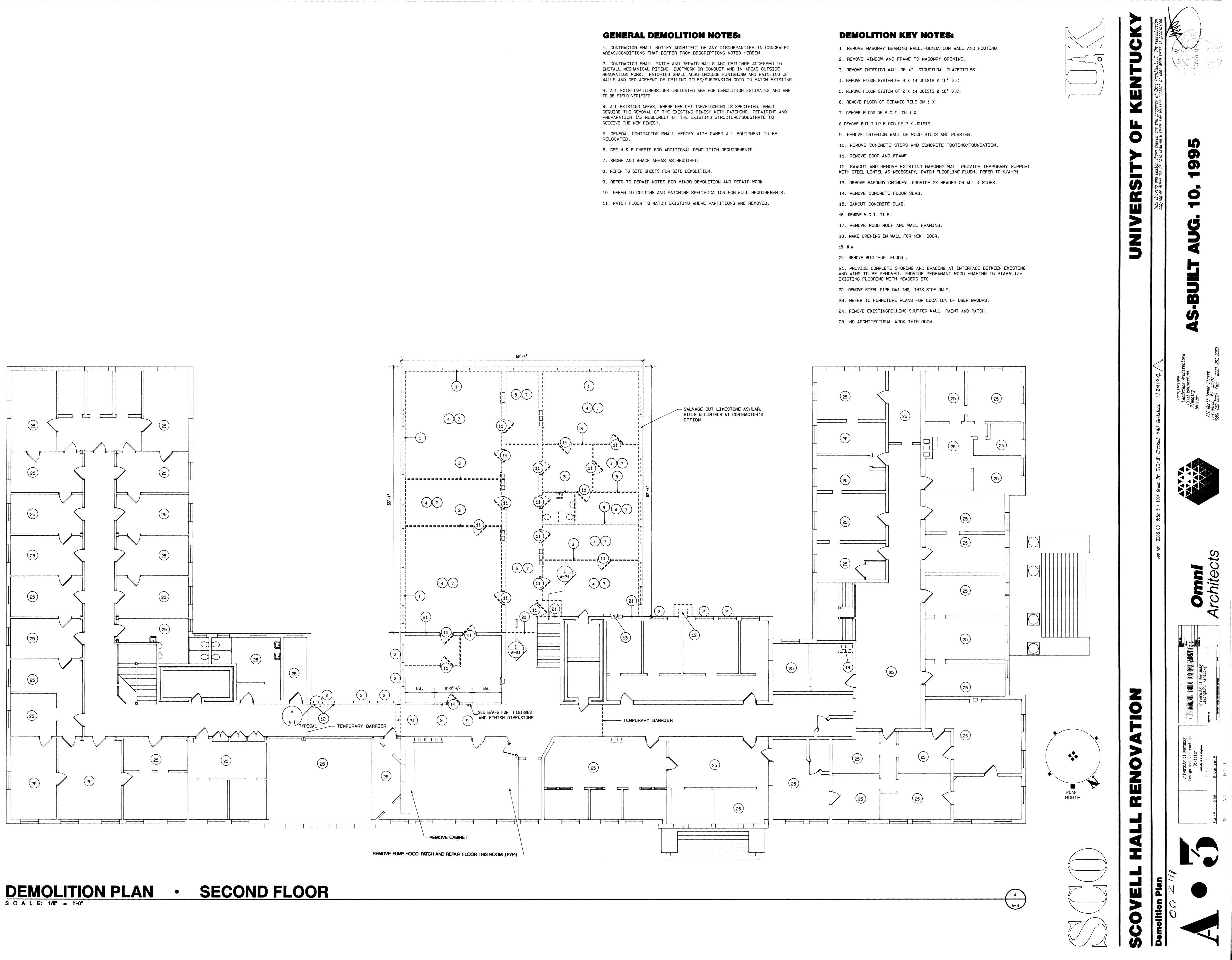


A-2

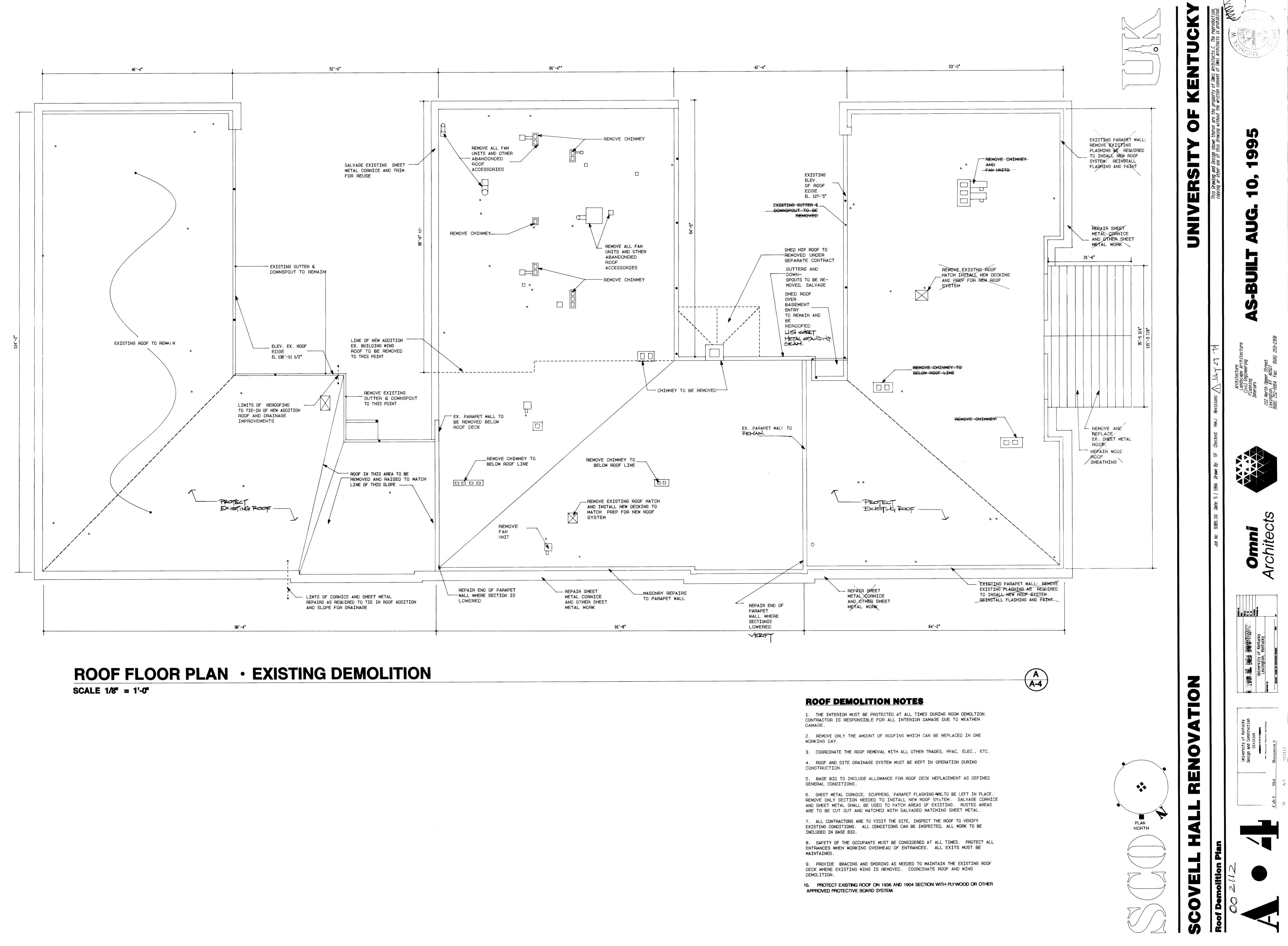


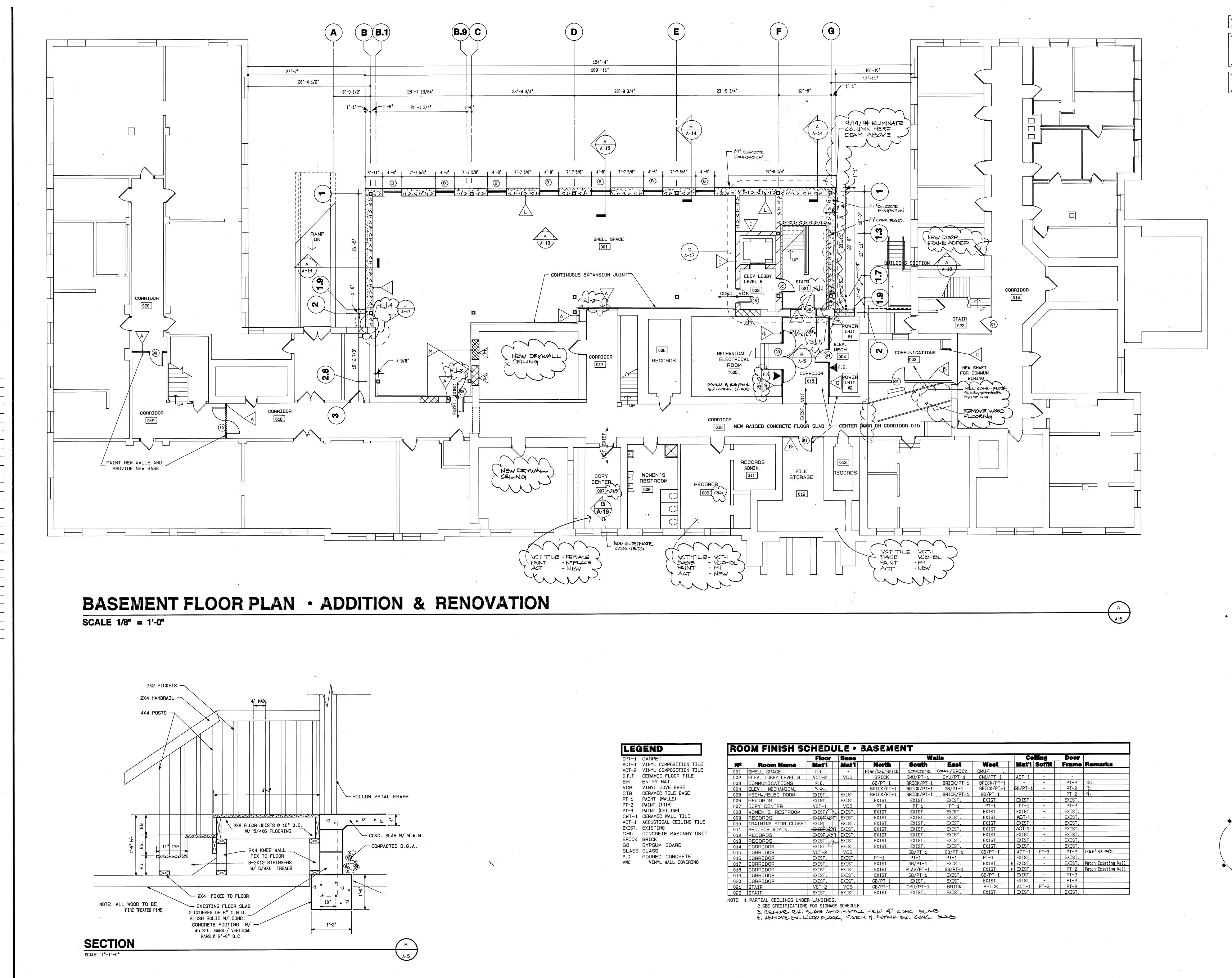






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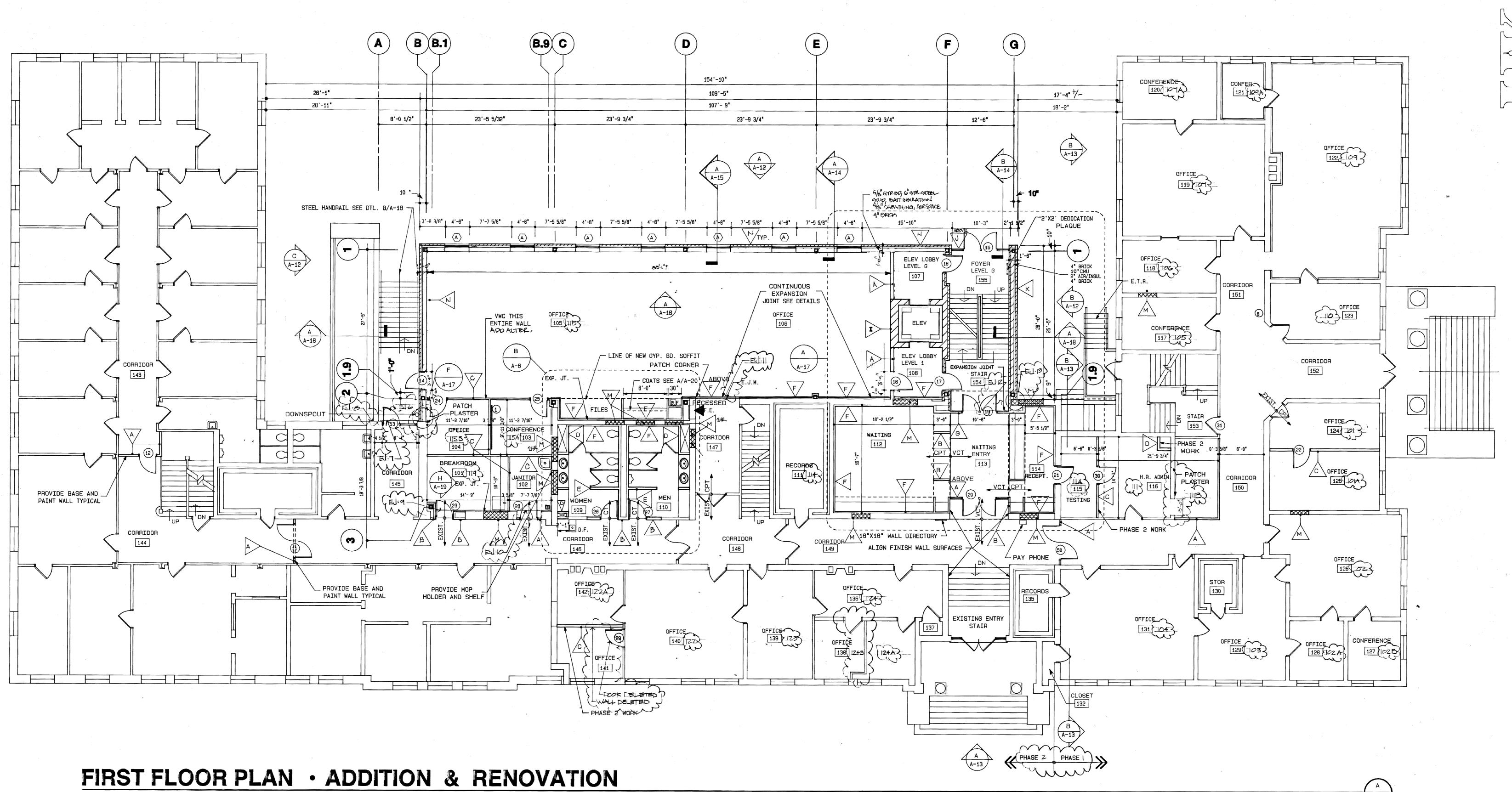
LEGEND	RO	om finish so
CPT-1 CARPET VCT-1 VINYL COMPOSITION TILE	Nº	Room Name
CT-2 VINYL COMPOSITION TILE	001	SHELL SPACE
CERAMIC FLOOR TILE	002	ELEV. LOBBY LEVEL B
ENTRY MAT	E00	COMMUNICATIONS
B VINYL COVE BASE	004	ELEV. MECHANICAL
B CERAMIC TILE BASE	005	MECH./ELEC ROOM
1 PAINT (WALLS)	006	RECORDS
PAINT (TRIM)	007	COPY CENTER
-3 PAINT (CEILING)	008	WOMEN'S RESTROOM
-1 CERAMIC WALL TILE	009	RECORDS
-1 ACOUSTICAL CEILING TILE	010	TRAINING STOR CLOSET
XIST. EXISTING	011	RECORDS ADMIN.
MU CONCRETE MASONRY UNIT	012	RECORDS
BRICK BRICK BB GYPSUM BOARD	013	RECORDS
	014	CORRIDOR
LASS GLASS	015	CORRIDOR
V.C. POURED CONCRETE	016	CORRIDOR
IC VINIL WALL COVERING	017	CORRIDOR
	018	CORRIDOR
	019	CORRIDOR
	020	CORRIDOR
	021	STAIR

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DI'	Base		Wa	lis			Ce	lling	Door	
	Mat'i	North	South	East	West		Mat'l	Soffit	Frame	Remarks
	-	Plas/Cont/Brick	CONCRETE	CONC./BRICK	CMU/		-	-	-	
2	VCB	BRICK	CMU/PT-1	CMU/PT-1	CMU/PT-1		ACT-1	-	-	
	-	GB/PT-1	BRICK/PT-1	BRICK/PT-1	BRICK/PT-1		-	-	PT-2	3.
	- ¹ .	BRICK/PT-1	BRICK/PT-1	GB/PT-1	BRICK/PT-1		GB/PT-1	-	PT-2	3,
	EXIST.	BRICK/PT-1	BRICK/PT-1	BRICK/PT-1	GB/PT-1		-	-	PT-2	4,
	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.		EXIST.	-	EXIST.	
	VCB	PT-1	PT-1	PT-1	PT-1		PT-1	-	PT-2	
\frown	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.		EXIST,	-	EXIST.	
VEF	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.		ACT-1	-	EXIST.	
	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.		EXIST.	-	EXIST.	
VCTI	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.		ACT-1	-	EXIST.	
VCT	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.		EXIST.	-	EXIST.	
. In	ÉXIST.	EXIST.	EXIST.	EXIST.	EXIST.		EXIST.	-	EXIST.	
.V	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.		EXIST.	-	EXIST.	
2	VCB	-	GB/PT-1	GB/PT-1	GB/PT-1		ACT-1	PT-3	PT-2	NEW SLAB
	EXIST.	PT-1	PT-1	PT-1	PT-1		EXIST.	-	EXIST.	
	EXIST.	EXIST.	GB/PT-1	EXIST.	EXIST.	¥	EXIST.	-	EXIST.	Patch Existing Wal
	EXIST.	EXIST.	PLAS/PT-1	GB/PT-1	EXIST.	¥	EXIST.	-	PT-2	Patch Existing Wal
	EXIST.	EXIST.	GB/PT-1	EXIST.	GB/PT-1		EXIST.	-	PT-2	
	EXIST.	GB/PT-1	EXIST.	EXIST.	EXIST.		EXIST.	-	PT-2	
2	VCB	GB/PT-1	CMU/PT-1	BRICK	BRICK		ACT-1	PT-3	PT-2	
	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.		EXIST.	-	EXIST.	

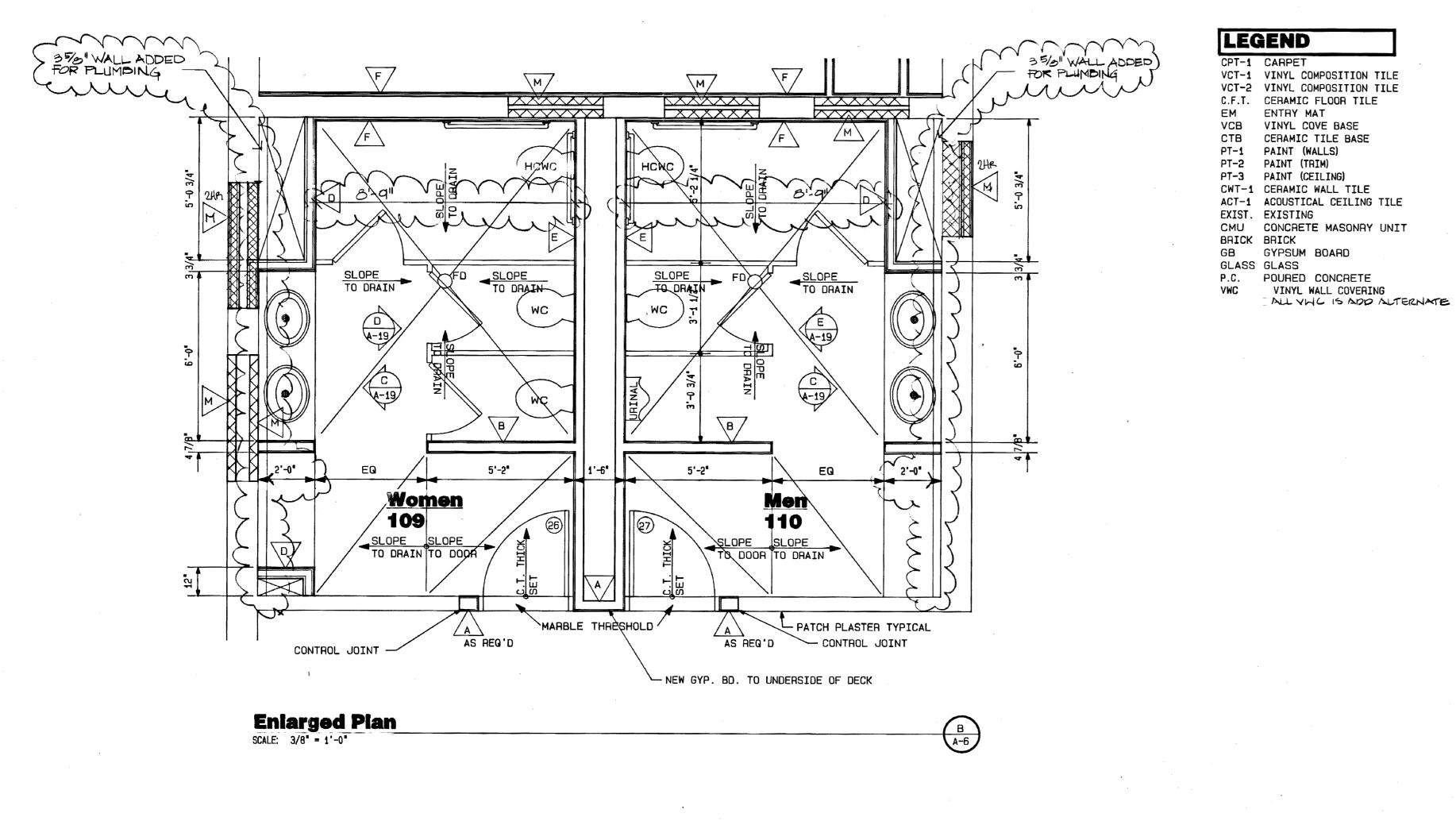
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SCALE 1/8" = 1'-0"

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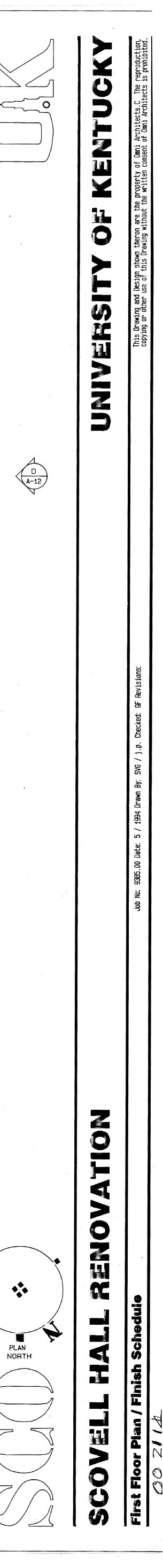
Floor	Base			Wa	lis			Ce	ling	Door	
at'l	Mat'l		North	South	East	West	Τ		Soffit	Frame	Remarks
T-1	VCB		BRICK	GB/PT-1	BRICK	GB/PT-1		ACT-1	-	PT-2	
T-1	VCB		BRICK	GB/PT-1	GB/PT-1	BRICK	Τ	ACT-1		PT-2	
T-1	-VCB		GB/PT-1	GB/PT-1	GB/PT-1	BRICK		ACT-1	-	PT-2	
T-1	VCB-X	/Þ	GB/PT-1	GB/PT-1	BRICK	GB/PT-1		ACT-1	-	PT-2	
T-1	(∀CB -₩	/D	€В / VWC	GB/PT-1	GO/PT-1	CMVGD/PT-1		ACT-1	PT-3	PT-2	2,
T-1	VCB	V	GB / VWC	GO/PT-1	GB/PT-1	CMU/GB/PT-1		ACT-1	PT-3	PT-2	2.
1.	VCB		CMU/PT-1	GB/PT-1	GG/PT-1	CMU/PT-1		ACT-1	PT-3	PT-2	
T-2	VCB		BRICK/GB	GB/PT-1	CMU/PT-1	CMU/PT-1		ACT-1	PT-3	PT-2	
.T.	CTB		PT-1	PT-1	PT-1	PT-1		ACT-1	PT-3	PT-2	
.T.	CTB		PT-1	PT-1	PT-1	PT-1		ACT-1	PT-3	PT-2	
ST.	EXIST.		EXIST.	EXIST.	EXIST.	EXIST.		EXIST.	-	EXIST.	
[-1	VCB		PLAS/PT-1	PLAS/PT-1	PLAS/PT-1	-		ACT-1	PT-3	-	
r-2	* VCB		GB/PT-1	GB/PT-1	GB/PT-1	GB/PT-1		ACT-1	PT-3	PT-2	Patch Existing Floo
Г-1	VCB		PLAS/PT-1	PLAS/PT-1	GB/PT-1	PLAS/PT-1		ACT-1	PT-3	-	
-1	VCB		GB/PT-1	PLAS/PT-1	PLAS/PT-1	GB/PT-1		ACT-1	-	PT-2	
-1	VCB		GB/PT-1	GB/PLAS/PT-1	GB/PLAS/PT-1	GB/PLAS/PT-1		ACT-1	-	-	
ST.	EXIST.		EXIST.	PLAS/PT-1	EXIST.	EXIST.	¥	EXIST.	-	EXIST.	Patch Existing Wall
ST.	EXIST.		PLAS/PT-1	EXIST.	EXIST.	EXIST.	¥	EXIST.	-	EXIST.	Patch Existing Wall
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ST.	EXIST.		EXIST.	EXIST.	EXIST.	EXIST.	\square	EXIST.	-	EXIST.	
-1	VCB		GB / VWC	PLAS/PT-1	PLAS/PT-1	PLAS/PT-1	\mathbf{T}	ACT-1	-		Patch Existing Wall
-1	VCB	+	PLAS/PT-1	GB / VWC	PLAS/PT-1	PLAS/PT-1	+	ACT-1	-		Patch Existing Wall
ST.	EXIST.	-	EXIST.	PLAS/PT-1	EXIST.	EXIST.	¥	EXIST.	-	EXIST.	Patch Existing Wall
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ST.	EXIST.	+	EXIST.	EXIST.	EXIST.	EXIST.	+	EXIST.		EXIST.	
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-1	VCB		EXIST.	EXIST.	PLAS/PT-1	EXIST.	*	ACT-1			Patch Existing Wall
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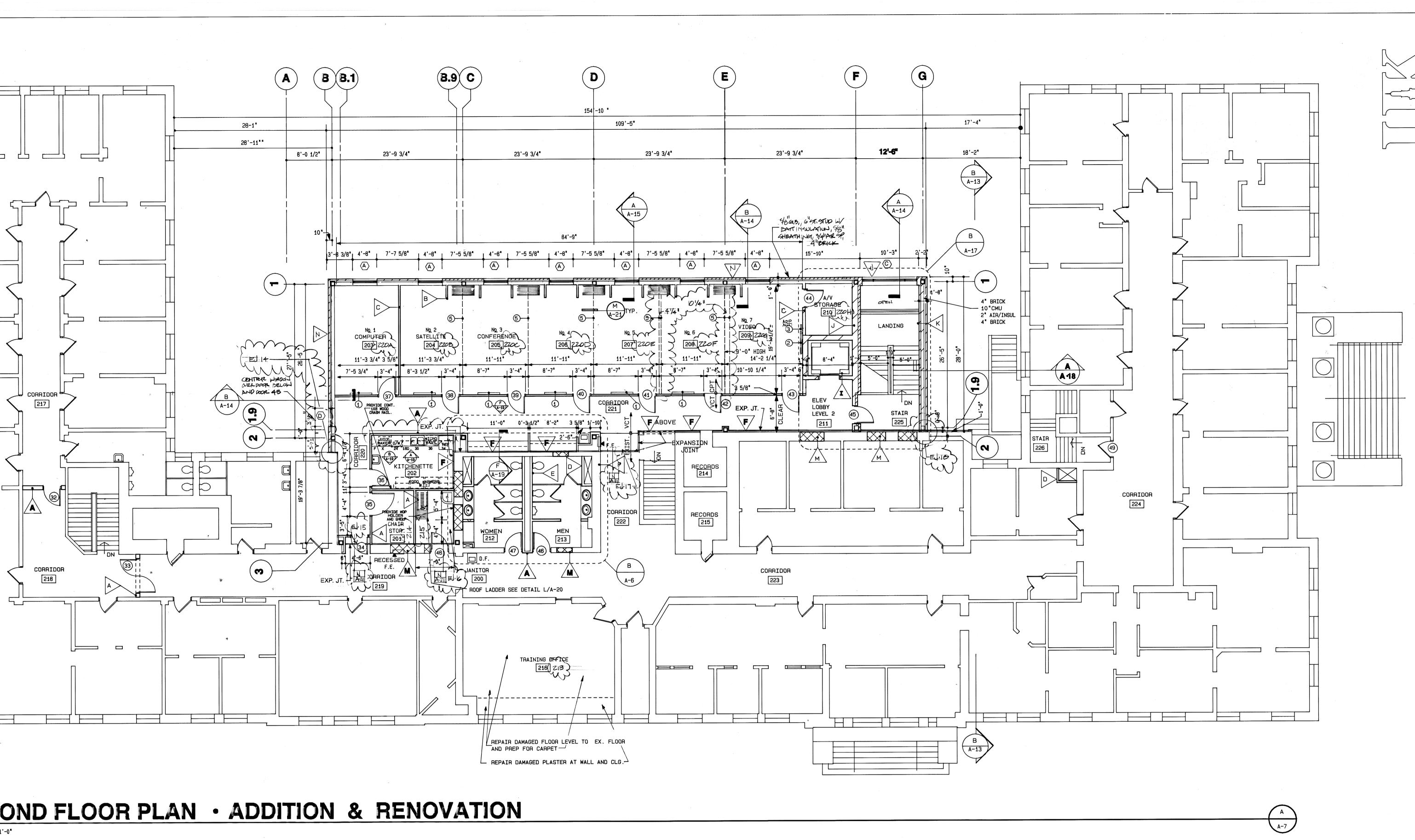
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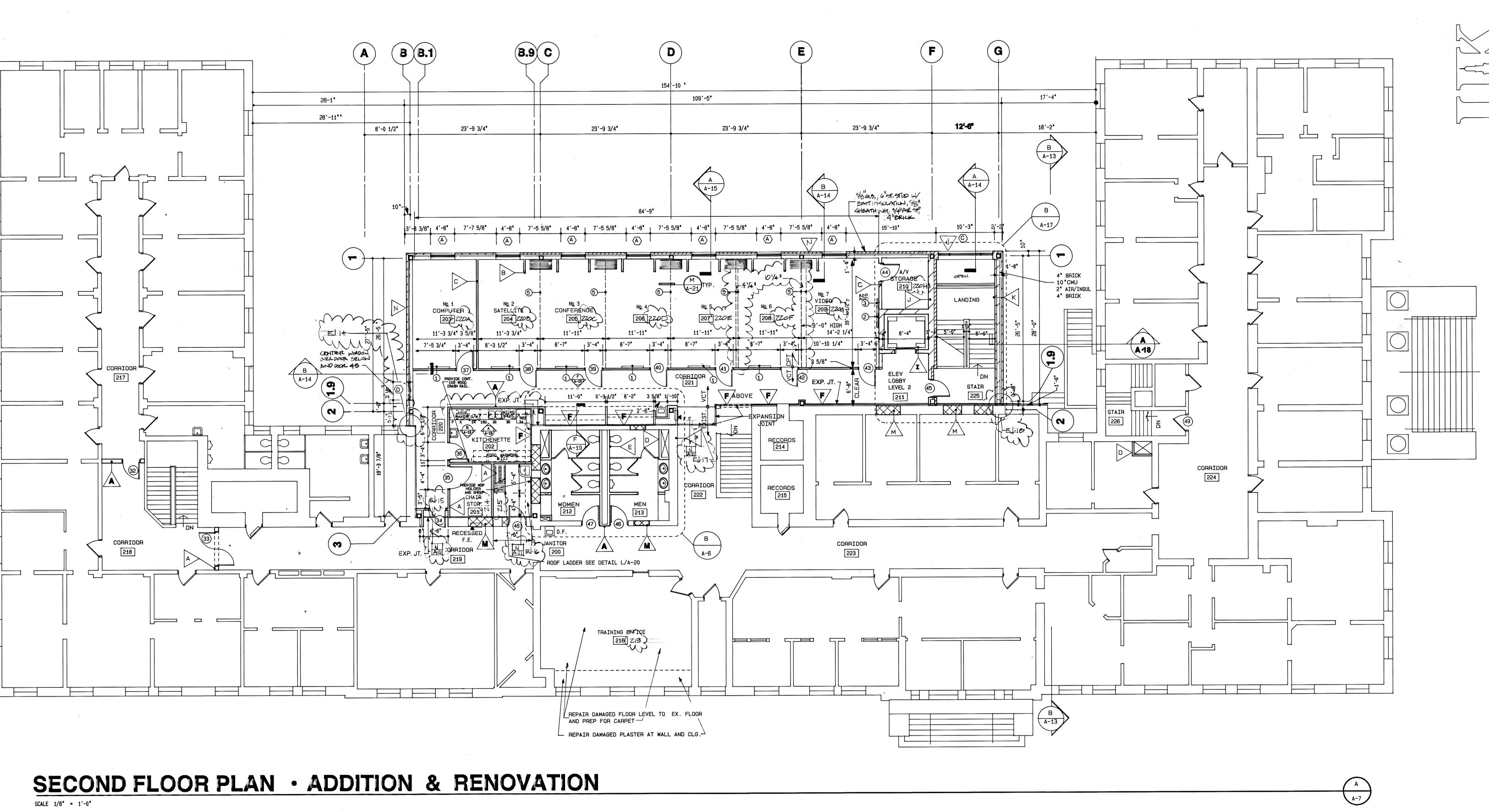
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2. ADD ALTERNATE ADD VILLE TO ROOMS 105,106, 124, 125 BAGE 1310 TO INCLUDE 1 PRIME, 2 FINISH COATS OF PAINT







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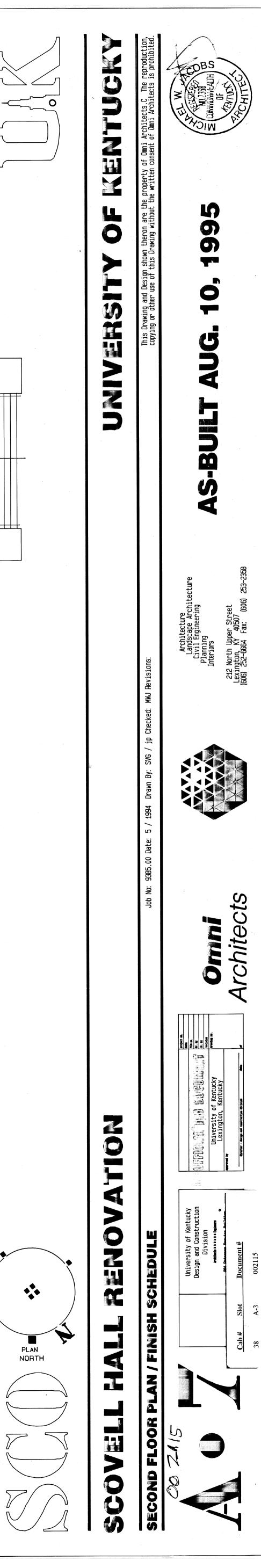
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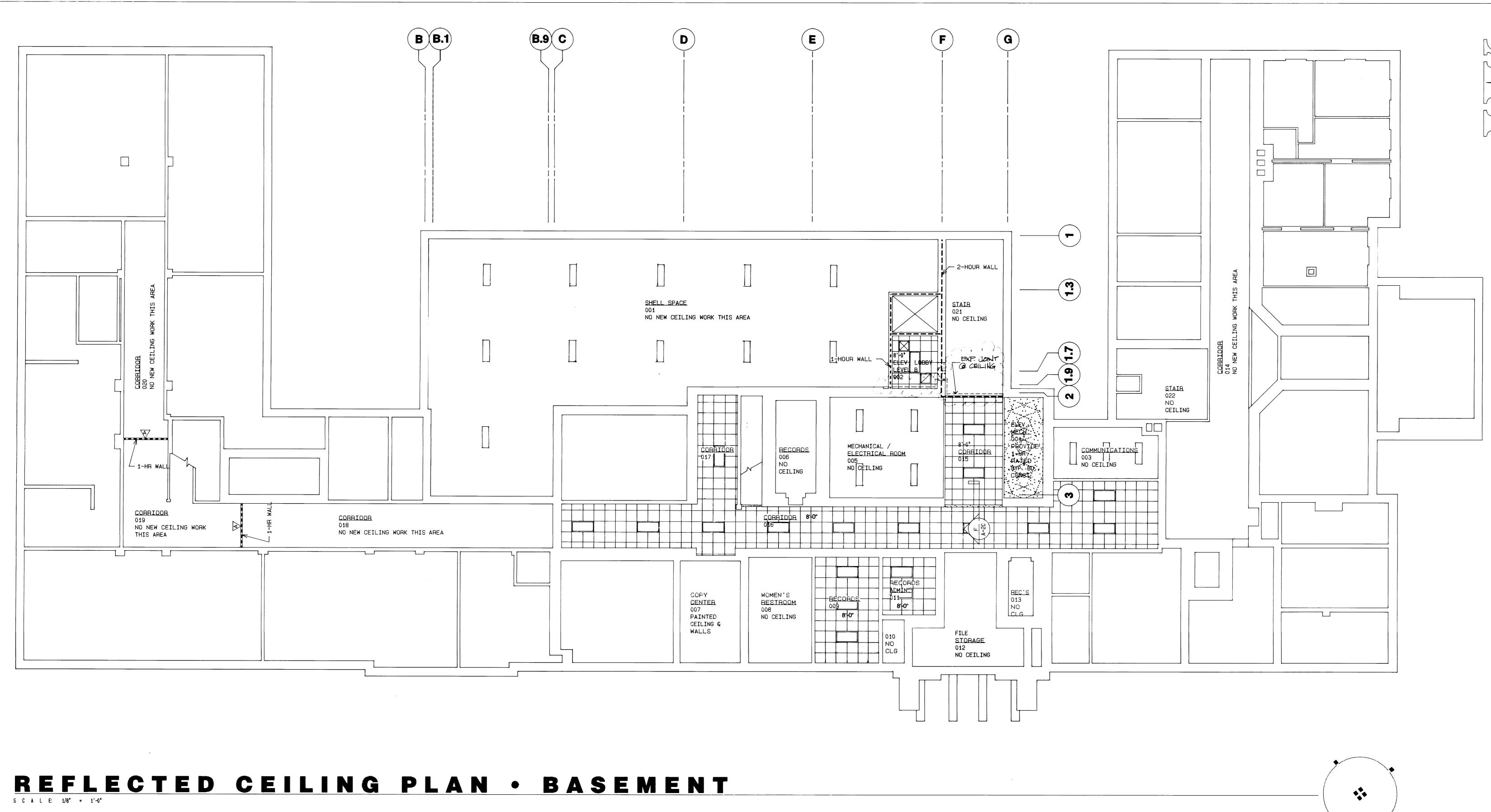
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C.F.T. EM	CERAMIC FLOOR TILE ENTRY MAT
VCB CTB PT- 1	VINYL COVE BASE CERAMIC TILE BASE PAINT (WALLS)
PT-2 PT-3 CWT-1	PAINT (TRIM) PAINT (CEILING) CERAMIC WALL TILE
ACT-1 EXIST.	ACOUSTICAL CEILING TILE
CMU BRICK GB	CONCRETE MASONRY UNIT BRICK
GLASS P.C.	GYPSUM BOARD GLASS POURED CONCRETE
VWC	VINYL WALL COVERING

TORAGE IETTE R NO. 1 E NO. 2 NCE NO. 3 G CENTER NO. 4	Floor Mat'l VCT-1 VCT-1 VCT-1 CPT-1 CPT-1 CPT-1	Base Mat'l VCB VCB VCB VCB VCB VCB	North BRICK BRICK GB/PT-1 G&/ VWC	South GB/PT-1 GB/PT-1 GB/PT-1	East GB/PT-1 GB/PT-1 GB/PT-1	West BRICK GB/PT-1 BRICK		Soffit - PT-3	Frame PT-2 PT-2	Remarks
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G CENTER NO. 4	CPT-1	VCB	GO/ VWC	GB/PT-1	GB/PT-1	GB/PT-1	ACT-1	-	PT-2	5
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G CENTER NO. 5	CPT-1	VCB	GB/ VWC	GØ/PT-1	GB/PT-1	GB/PT-1	ACT-1	-	PT-2	5
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NOTES: 1. REFER TO MISCELLANEOUS CEILING TRANSITION DETAILS ON SHEET A-20

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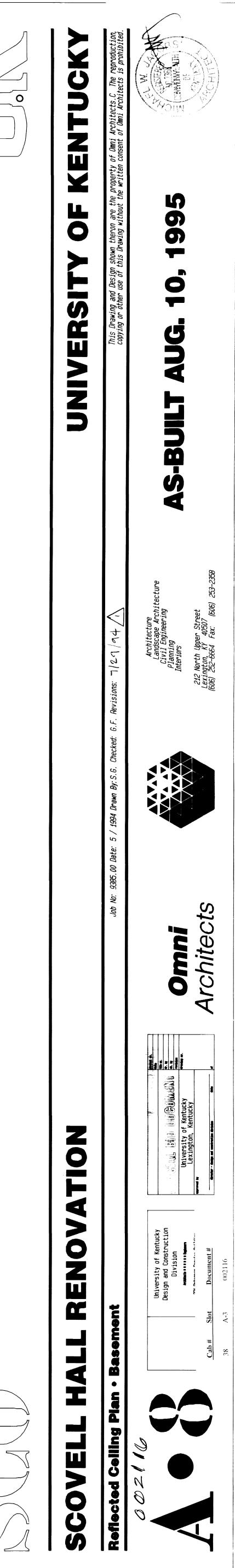
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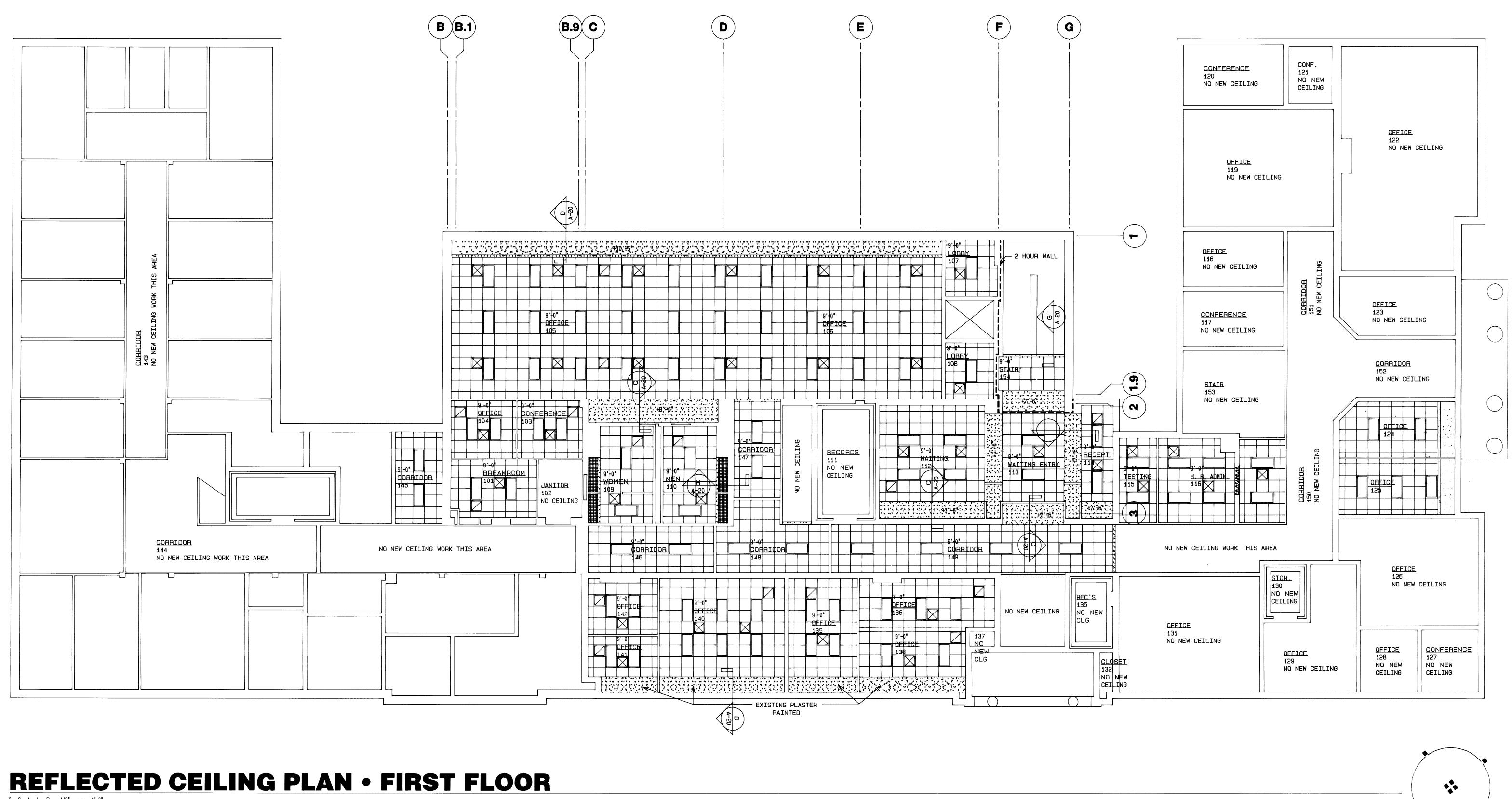
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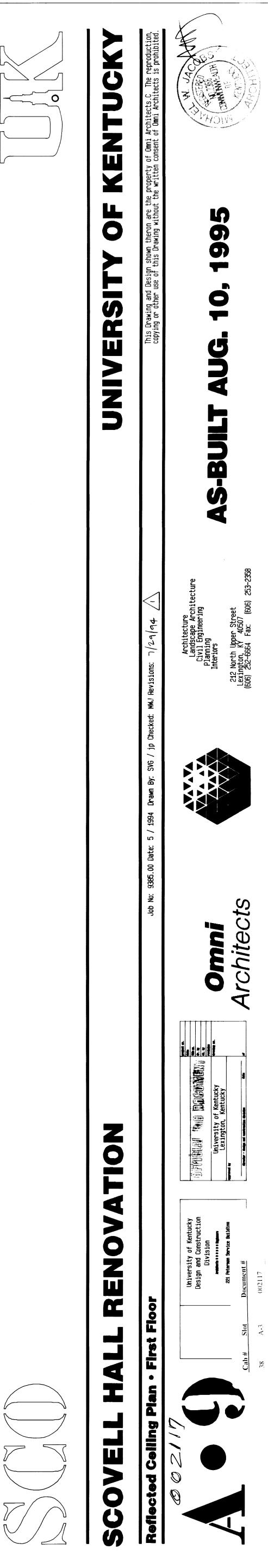
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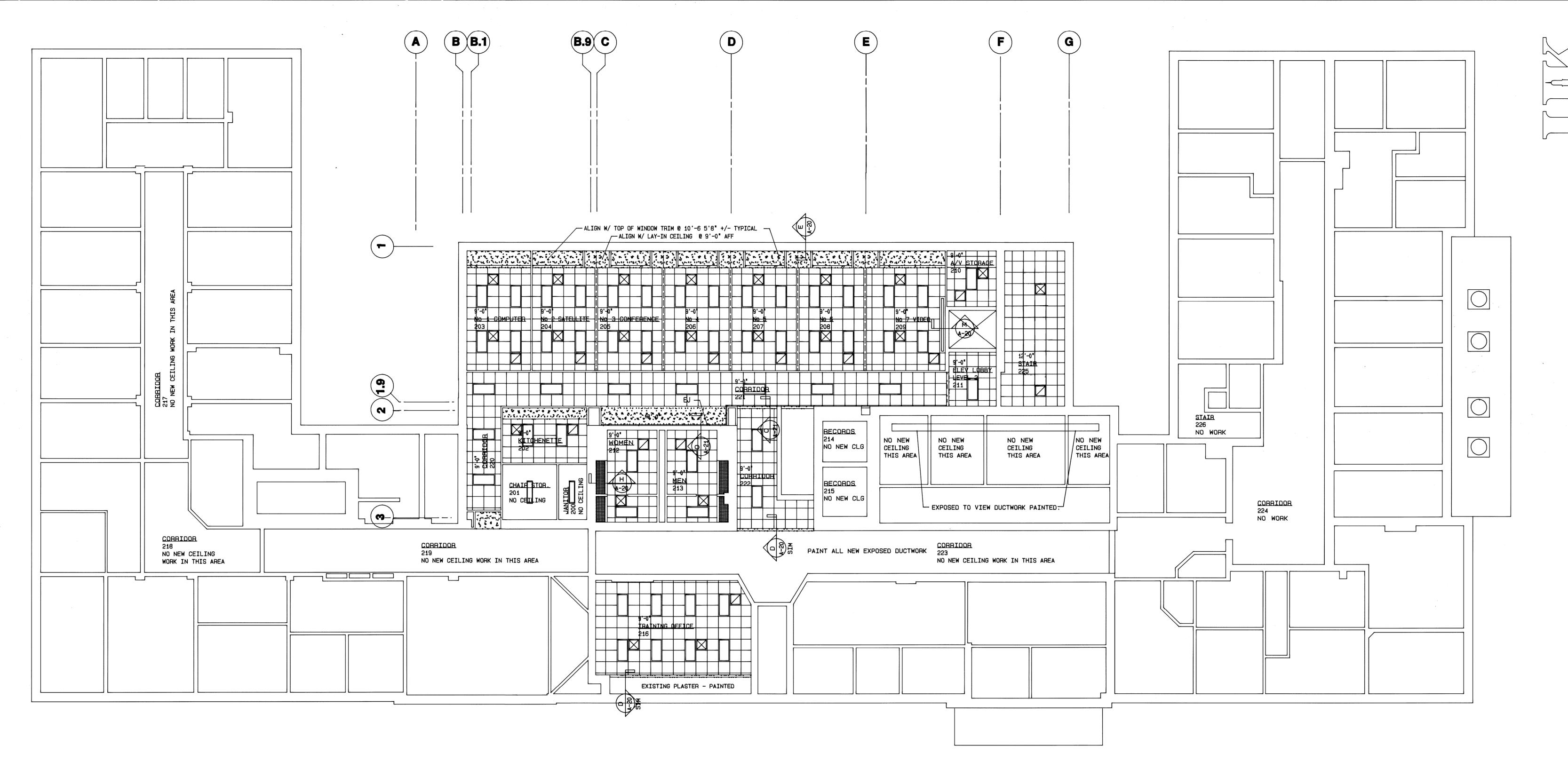
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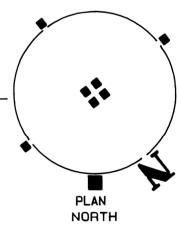




REFLECTED CEILING PLAN • SECOND FLOOR SCALE: 1/8'= 1'-0'

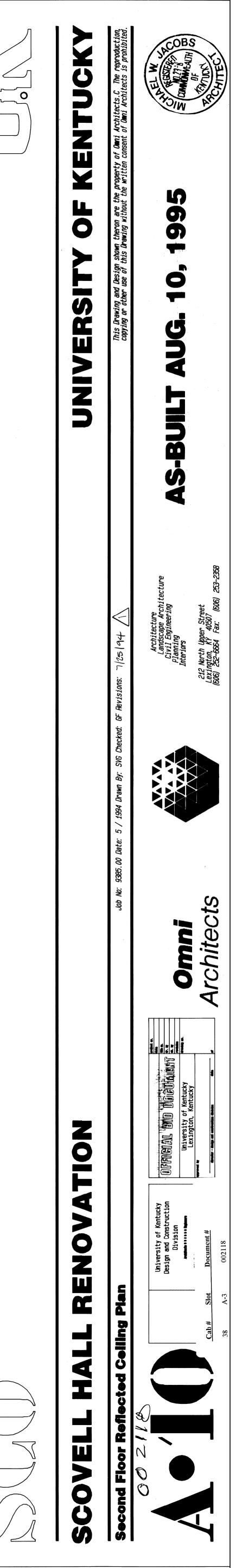
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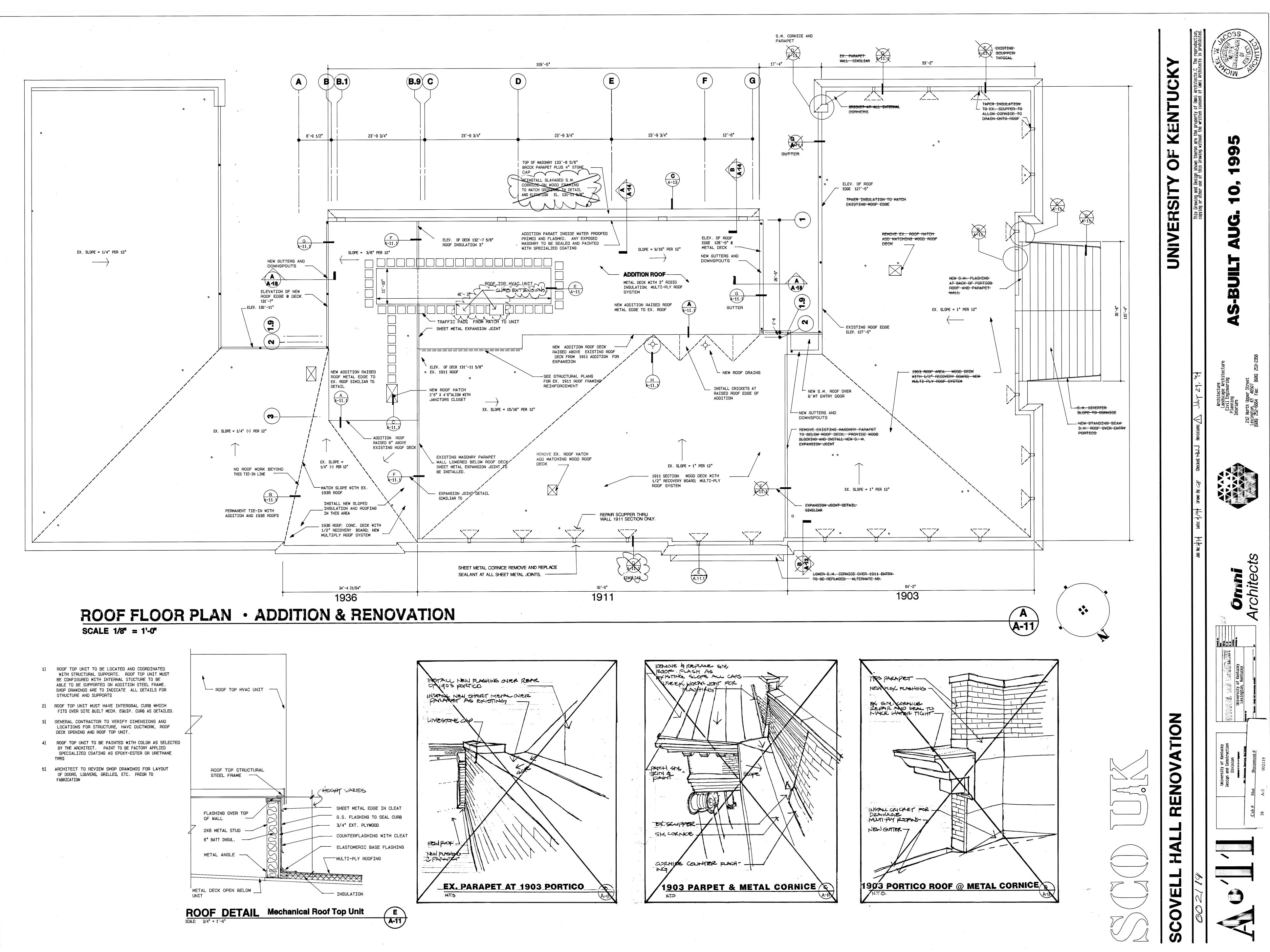
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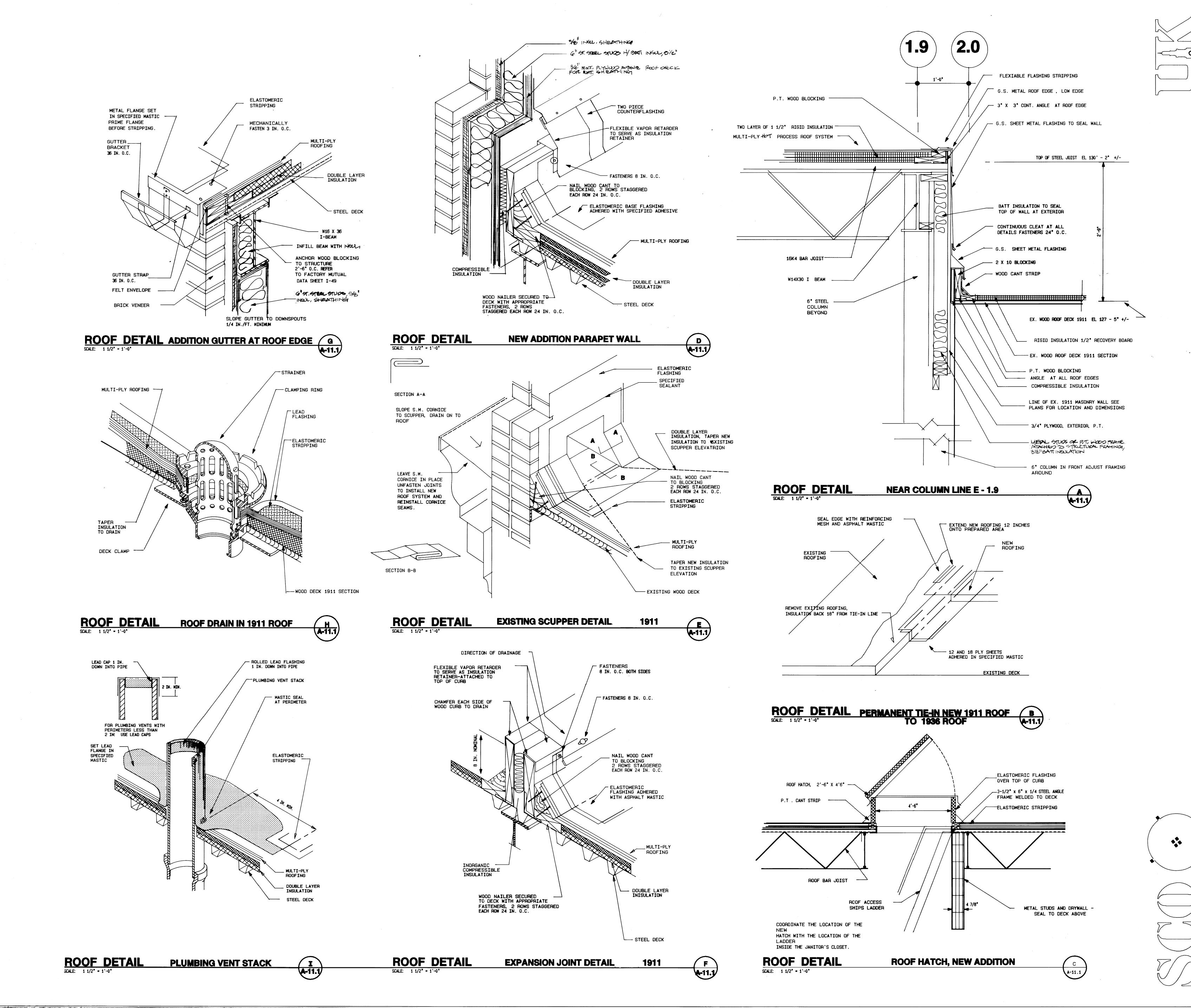
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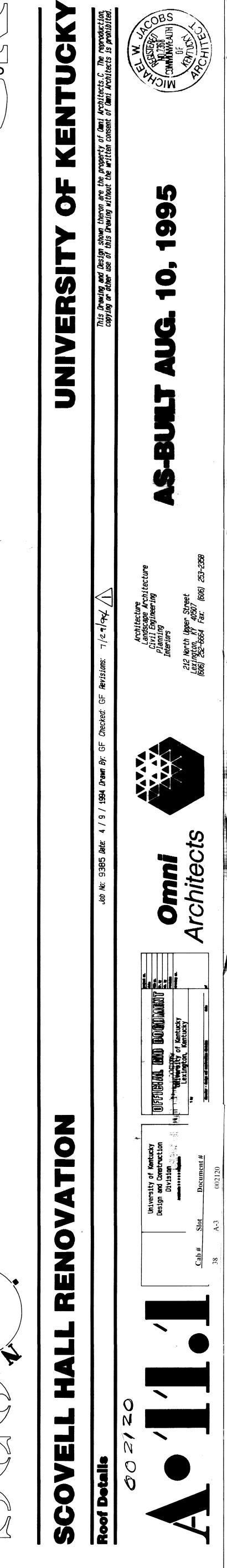
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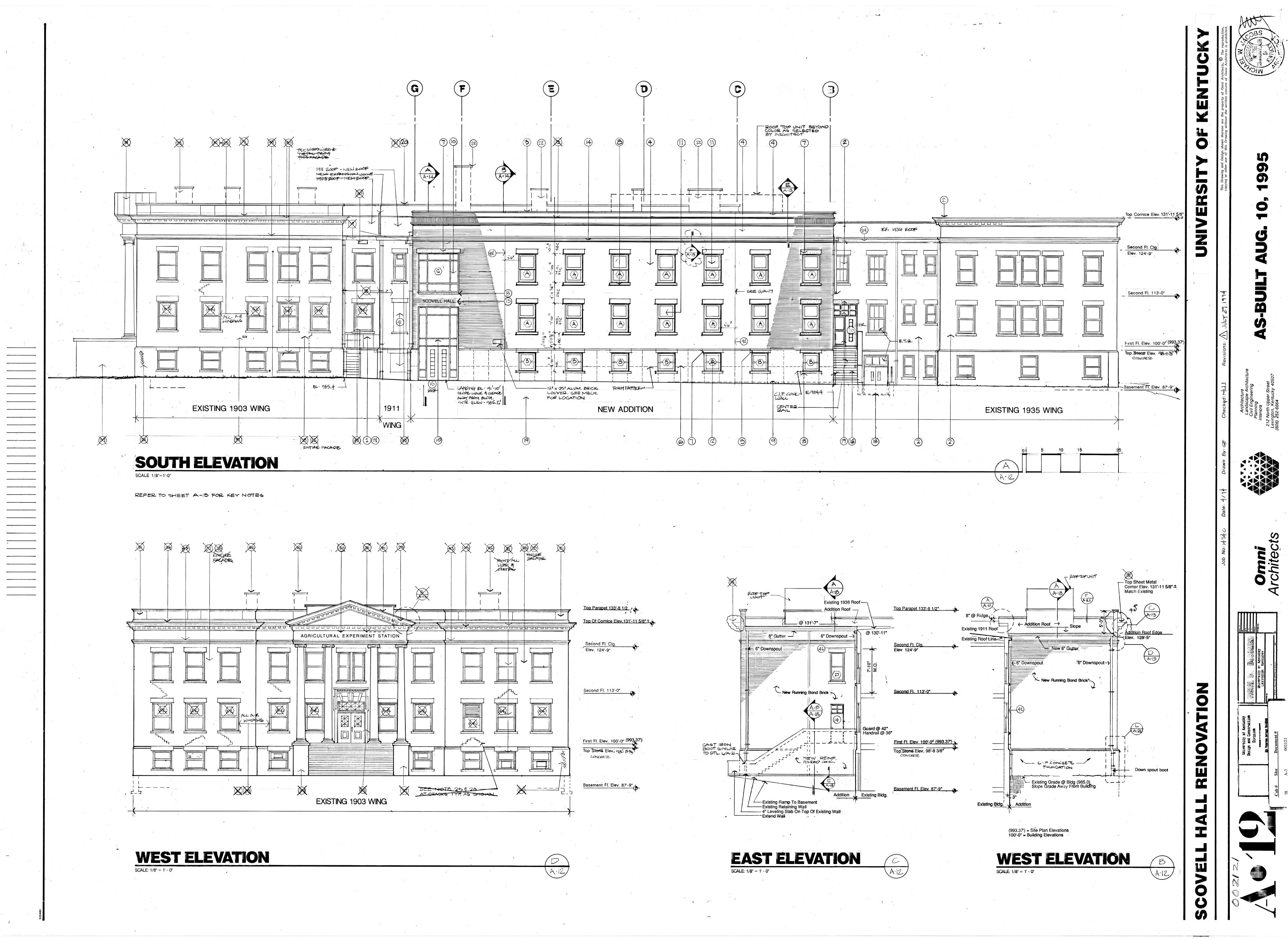
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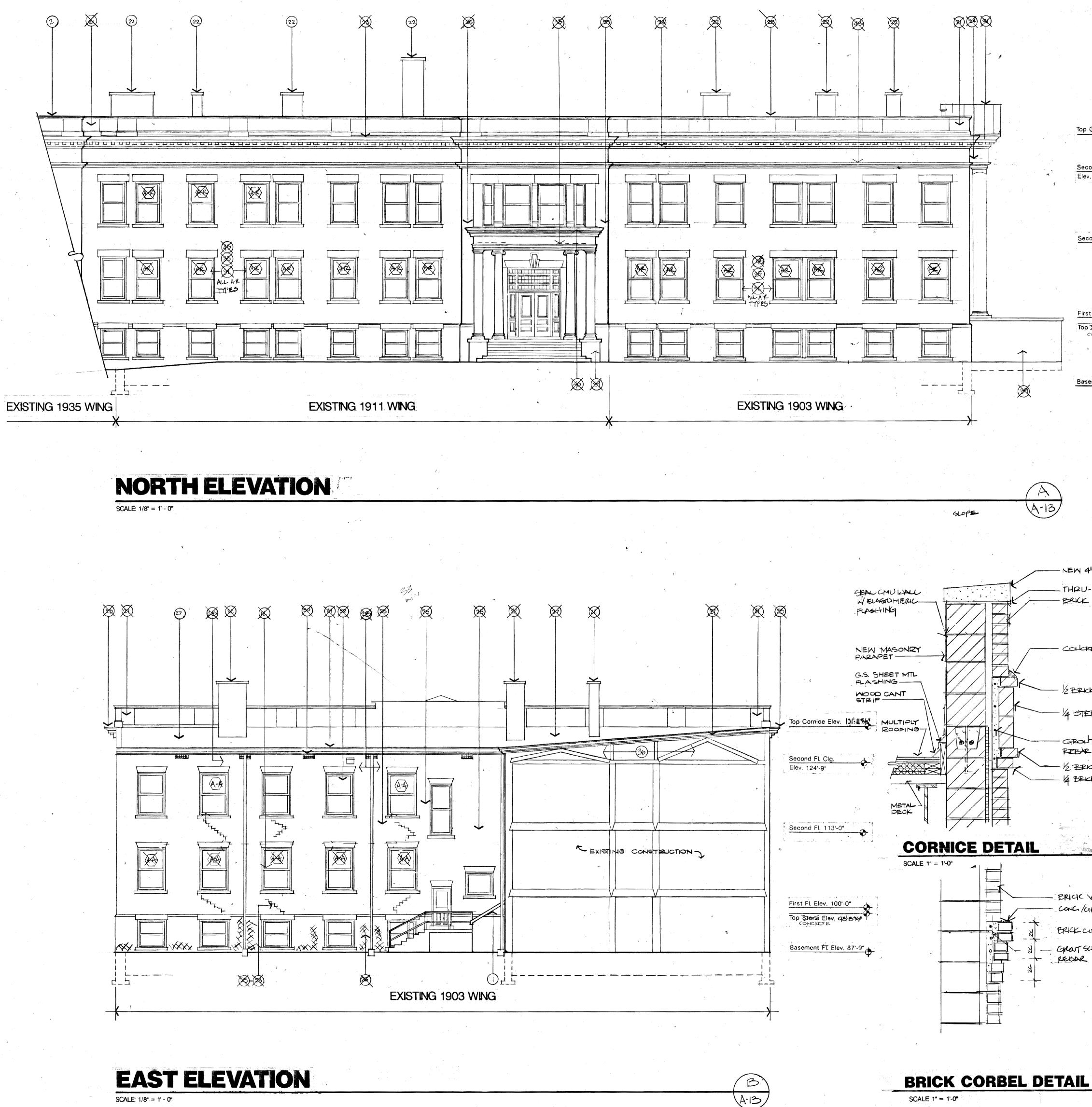


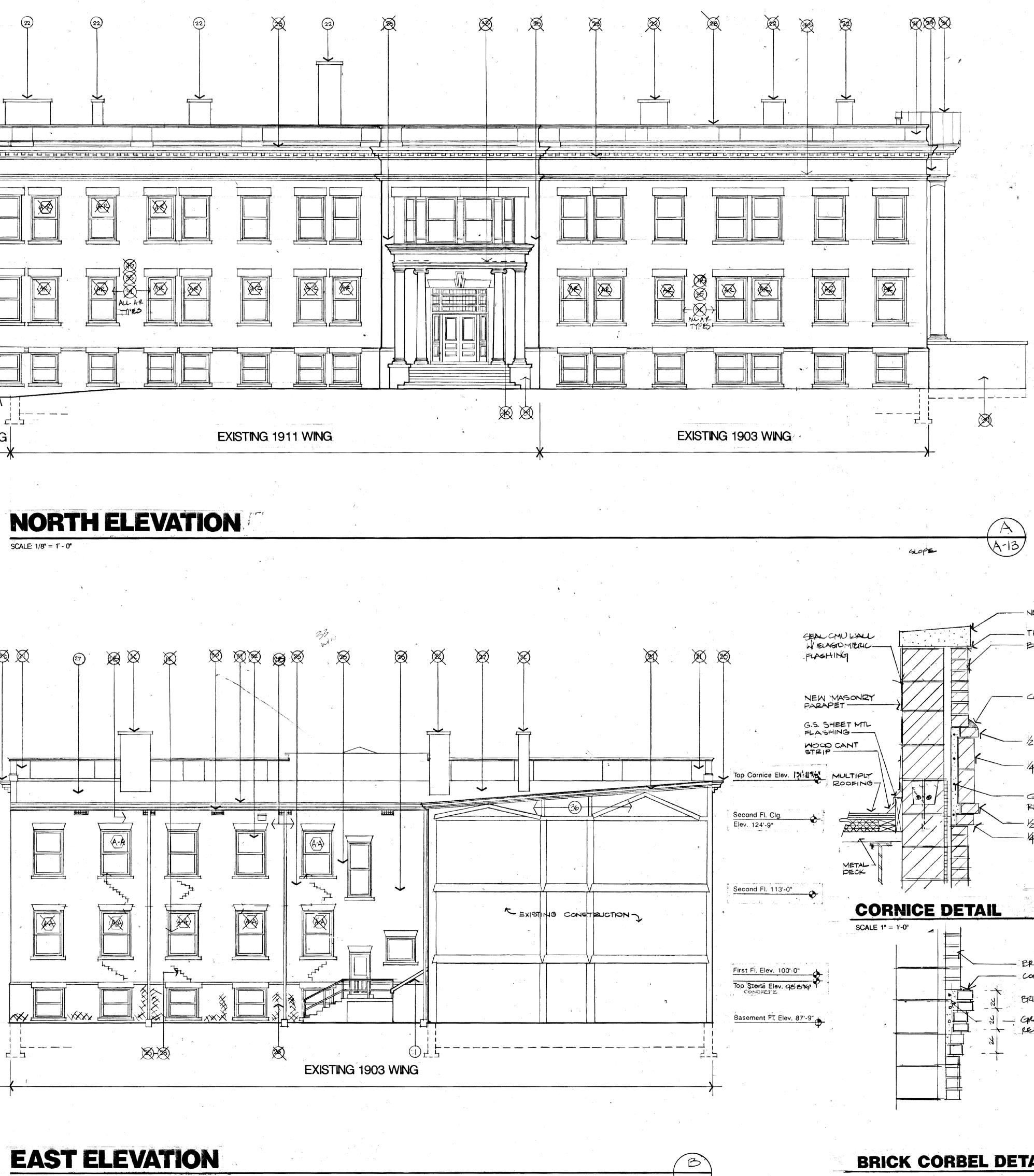
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SCALE: 1/8" = 1' - 0"

100 million - ------

AND 1944

Renovation Tag Notes Exterior Elevations

Rremove and replace sheet metal roof with new standing seam roofing. Use existing open mortar joints for flashing. Embed flashing and seal joints. Existing 1935 wing now work in this area except for the tie-in of the new addition from foundation to roof. Protect the existing building elements during construction. All exists must be maintained and protected from overhead with enclosed structures. New cut lime stone coping to match existing. Set in partial bed of mortar and seal top and side Running bond face brick. Color to match existing. Mortar color to match existing. Provide thru-wall flashing, waterproofing and weeps. Re-use existing cut limestone water table. Clean and polish to provide like new appearance. Clean and re-use existing cut ashlar stone and rubble stone foundation wall. New cut limestone lintel.

New cut limestone window sill. Grade elevations see site plan for accurate spot elevations. Existing grades not disturbed shall be graded into new grades to slope away from the building and new addition. New alum. curtain wall for entry doors, transom and window D. System to be self-supporting and anchor securely at the jambs. System must be detailed to with stand the wind load and other building code requirements. New aluminum windows with frames which approximate the dimensions of the existing windows. Top sash is fixed, glazing is insulated. Provide window blinds for all new windows in the addition. Color white. New aluminum windows with fixed top sash as noted in 11.

Building name sign: 12" helvetic cast aluminum letters with white Kynar finish. Corbel brick detail, to match existing. Provide concrete wash to slope top for drainage.

11-

16

17

Sheet Metal Cornice: reinstall ex. sheet metal cornice on p.t. wood blocking as originally designed. Care must be taken and this work performed by skilled mechanic. New concrete entry stairs and guard wall. Provide metal hand rails on both sides and down the New entry doors, frames and opening cut into 1936 section. Provide lintel and all accessories required to complete installation of new entry.

Existing loading ramp to remain. New stair guard wall is to set on top of existing ramp retaining Line of existing basement below grade Line of parapet wall beyond on 1903 and 1911 sections.

Repair existing brick parapet to be limited to repairs to s.m. cornice and installation of new roofing system. Carefully remove base flashings from counter flashings to allow for new roof system to be installed. Leave counter flashing in place and seal all mortar joints. Reenter counter flashing as required to complete flashing of new roof to existing cornice and scuppers. Remove all masonry chimneys to just above the ceiling framing on the second floor. One chimney is removed down through the building to become a communications shaft. ON 911 SECTION ONLY is removed down through the building to become a communications shart. On The Section of the Sheet metal cornice repairs to include patching of all damaged areas, replacing sheet metal flashing and root drainage details. Cornice to drain onto roof. Use the salvaged cornice to cut patches for existing carnice. Cornice small holes can be patched with plastic bonding compounds. Repair the cornice leaks above where cornice is damaged. Remove and replaced damaged wood ceiling area, 8' x 8' area, with matching box-car siding, beaded boxed. Stain to match existing. Renail loose boards and trim over ceiling area. Area of existing maconry to be tuckpointed. Areas to be repaired included the 1903 west, south, east facades, 1911 east, south facades adjacent to the addition and portions of the 1911-1903 porth facades.

north facade. After masonry is cleaned, clean out damaged mortar to 1" depth and tuckpoint with soft mortar matching the existing in strength and color. Where cracks are shown on the drawings:

remove brick on either side and tooth back to blend the crack out over the replaced brick. Repairs to stone foundation: Clean out damaged mortar to 1" depth and tuckpoint with soft mortar matching the existing including the raised joint profile. Remove existing roof to wood decking. Replace damaged decking with matching wood. Install new rigid insulation and built-up roofing system. Roof drainage is to be revised to work with new

addition. Verify all elevations of gutters and roof edges. Clean masonry with mild chemical and water wash with medium pressure power wash. Additional efforts will be needed to clean rust and other stains from the masonry. Remove existing gutter and sheet metal at roof edge. Repair damaged sheathing and install new 29 gutter to match existing on the 1936 section, 8" rectangular shape. Connect downspouts to site drainage system.

Remove attic vents and install masonry infill to close opening. Remove existing sheet metal roofing and replace with new standing seam sheet metal over front O SUG DS2610600 AURIA 1202.200

Repairs to existing windows: fix upper sash and repair to good working order the lower sash. If painted shut work open, if lower sash is loose then reinforce it with glued wood dowels or other approved wood sash repair, remove loose glazing compound but leave glass inplace. Windows will not be reglazed but the glass sealed to the wood sash with sealant to glaze the existing sash for-Remove existing wood window down to masonry opening. Install new aluminum window to match

new addition windows. Remove steps to basement. -Existing wood windows: Remove existing wood screens and save for the owner. Fix the top sech of all existing window. Repair as indicated in 32. Install new 1 hour rated drywall partition to seal the attic of the 1911 section and 1936 section. Remove metal and mise, hardware attachments from all facades of the 1903 and 1911 section.

emoved damage plaster back to sound plaster. Patch and repair the plaster ceiling to match

original. Clean stone masonry at steps 1903 and 1911 entrances. Add alternate: Repair 1911 sheet metal comice over entry. Repair damaged area with patches salvaged from existing cornice. Replace sheet metal on top with new metal and flashing into-existing raked mortar joints. Install as original. Pricing to include painting of comice and wead surrounds for the entry.

Fill-in masonry openings where windows or doors removed. Fill-in masonry openings where windows or doors removed. Expansion joint through the wall in noted locations. Existing brick corbel: remove flashing and mertar on typ and install new grout mertar wash to slope

water away from building and mortar joints. Control joint in masonry at new addition and existing building and other locations. Painting of exterior wood windows and trim. Removed loose paint on all windows and exterior Painting of exterior wood windows and trim. Terrioved loss paint on all earlester and earlester wood or metal trim. Do not damage wood.-Carefully scrape loose paint down to bonded paint. Paint with special painted wood or metal primer and finish paint. Paint only the repaired windows, and repaired sections of the cornice. Paint white to match existing.

- NEW 4" LIMESTONE CAP

Top Cornice Elev. 191-1156

Second Fl. Clg.

Elev. 124'-9"

Second Fl. 113'-0"

First Fl. Elev. 100'-0"

CONCRETE

Top Stone Elev. 98.8%

Basement FT. Elev. 87'-9"

HRU-WALL FLASHING				
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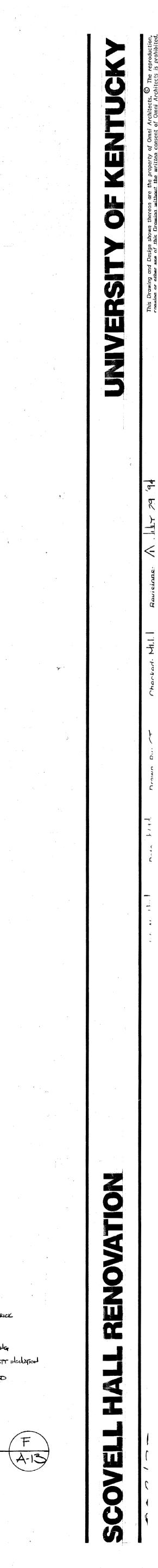
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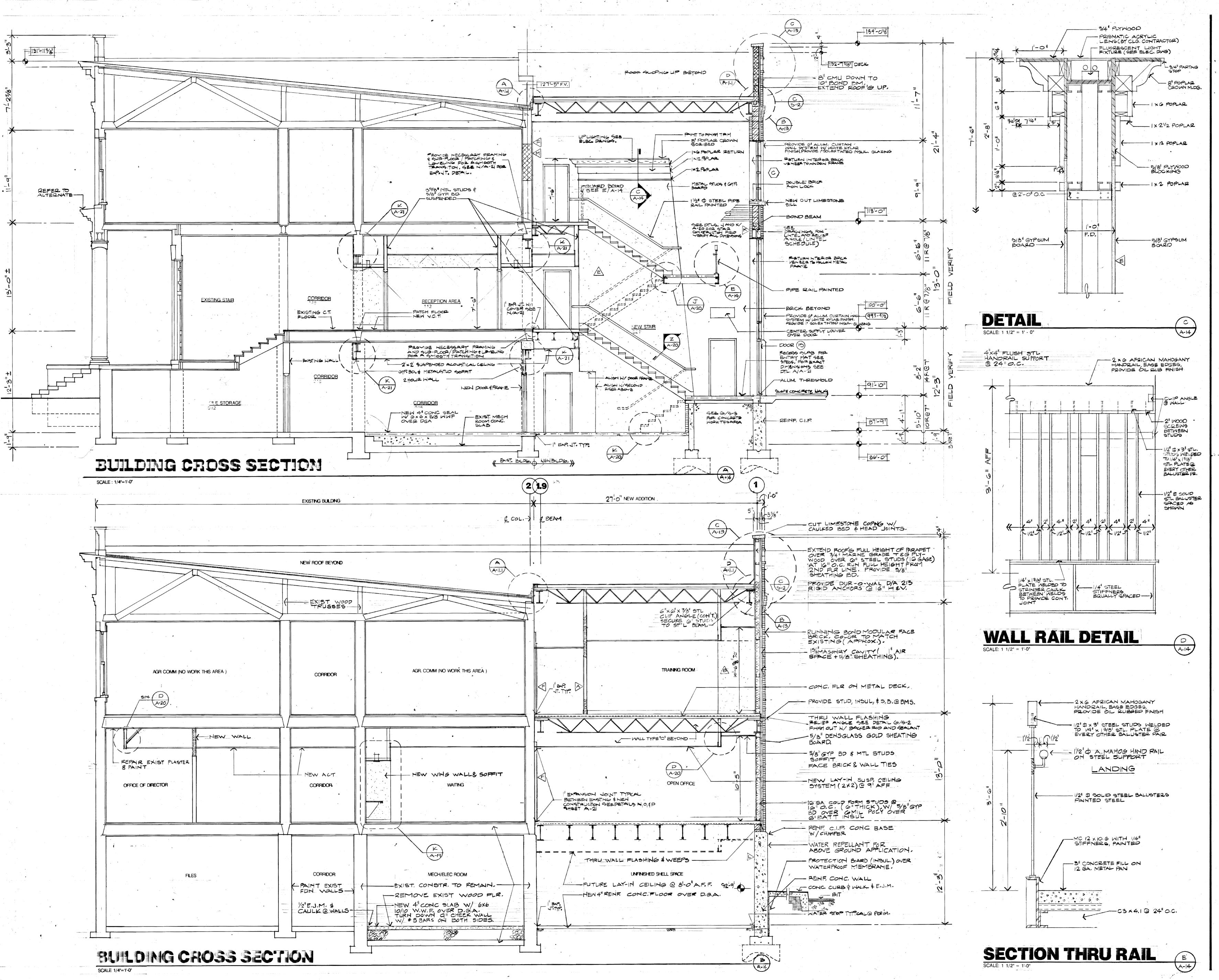
© STEEL STUD 3 A-13

50"GTFSLH

NO SCALE

@ STEEL STUD BRICK CORBEL DETAIL NO SCALE

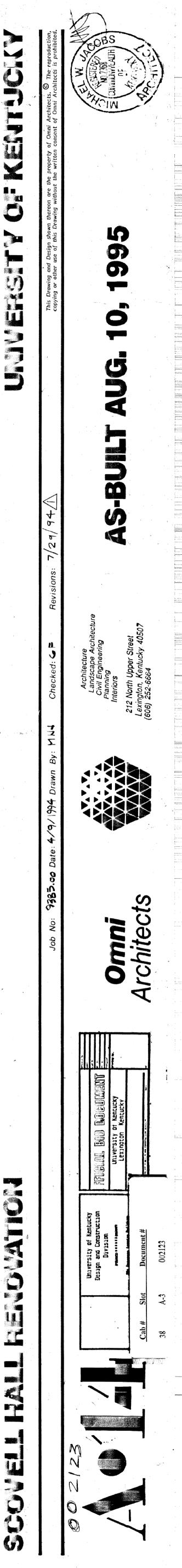


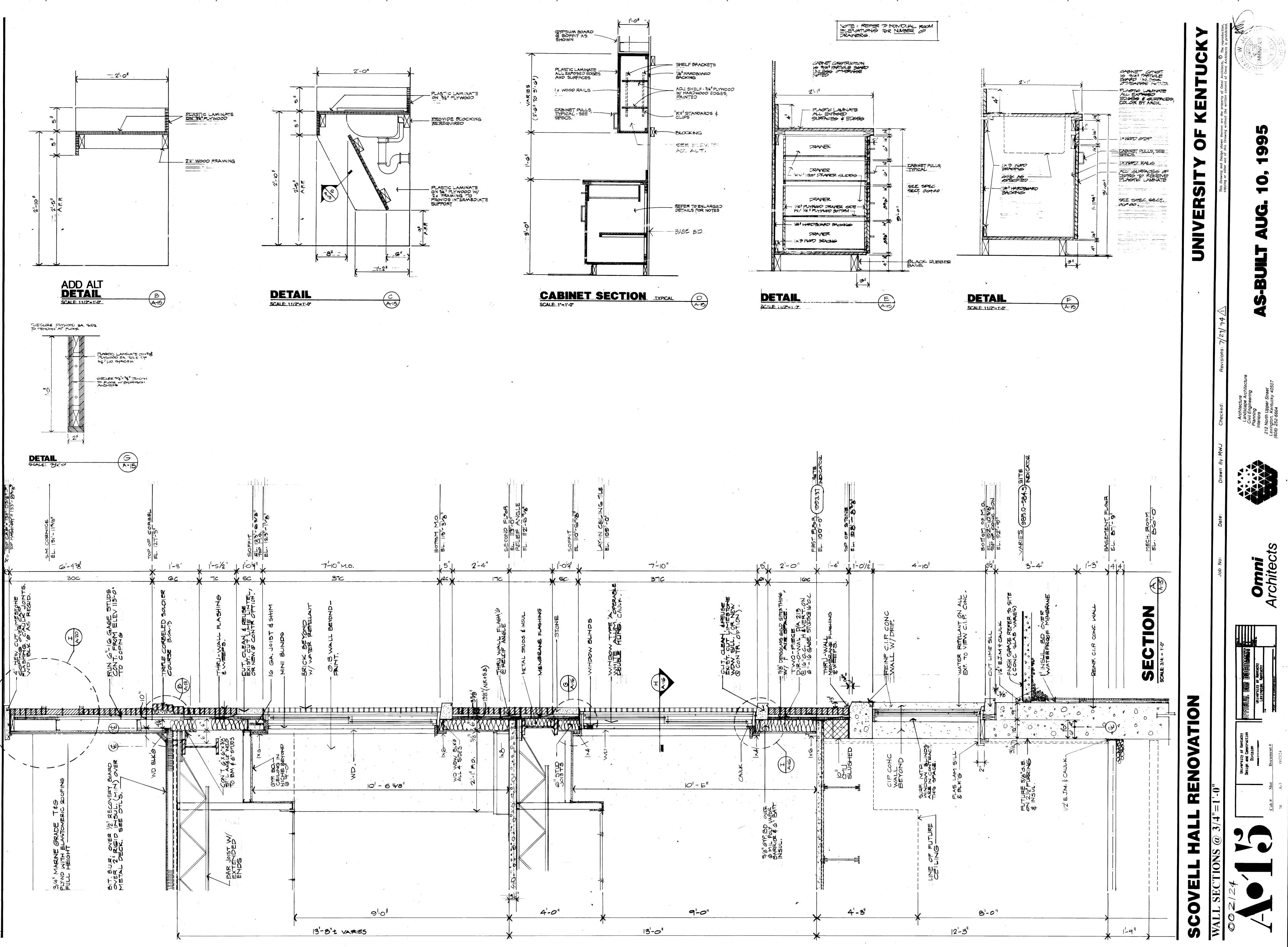


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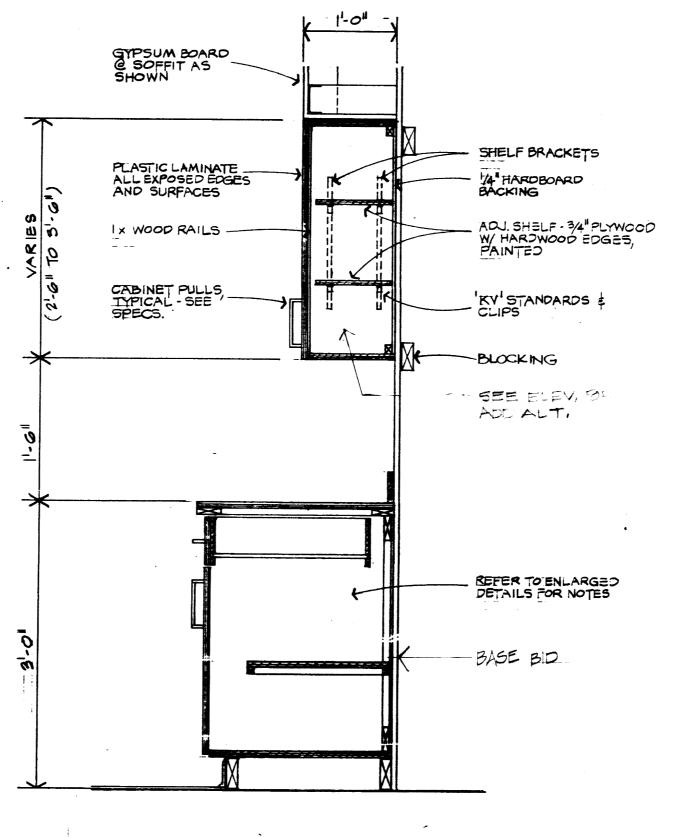
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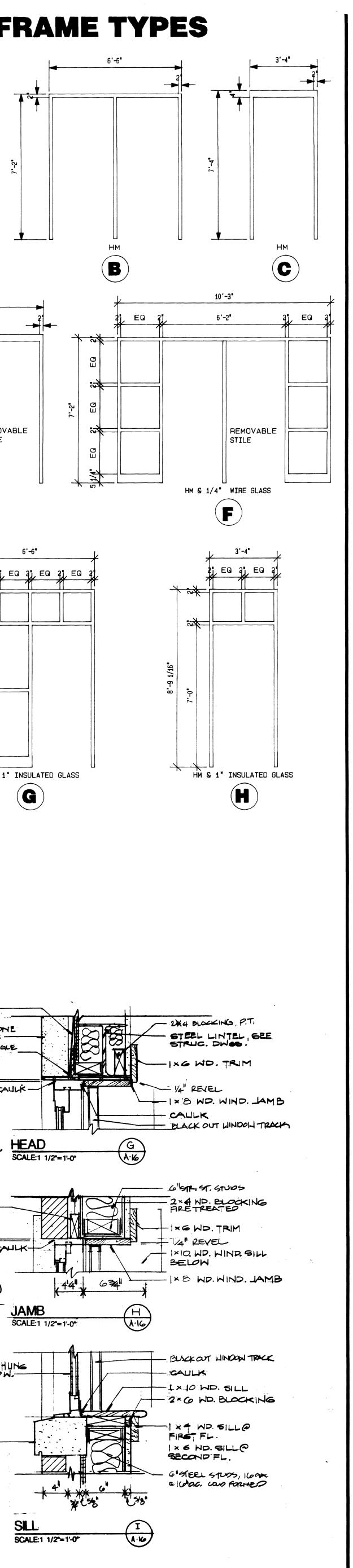


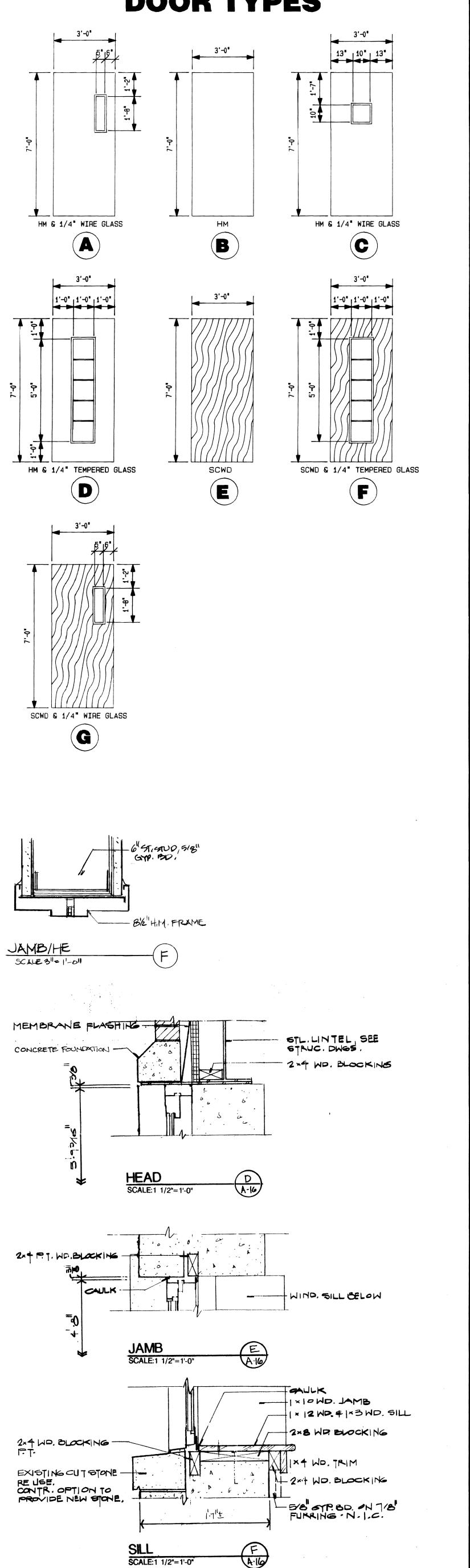


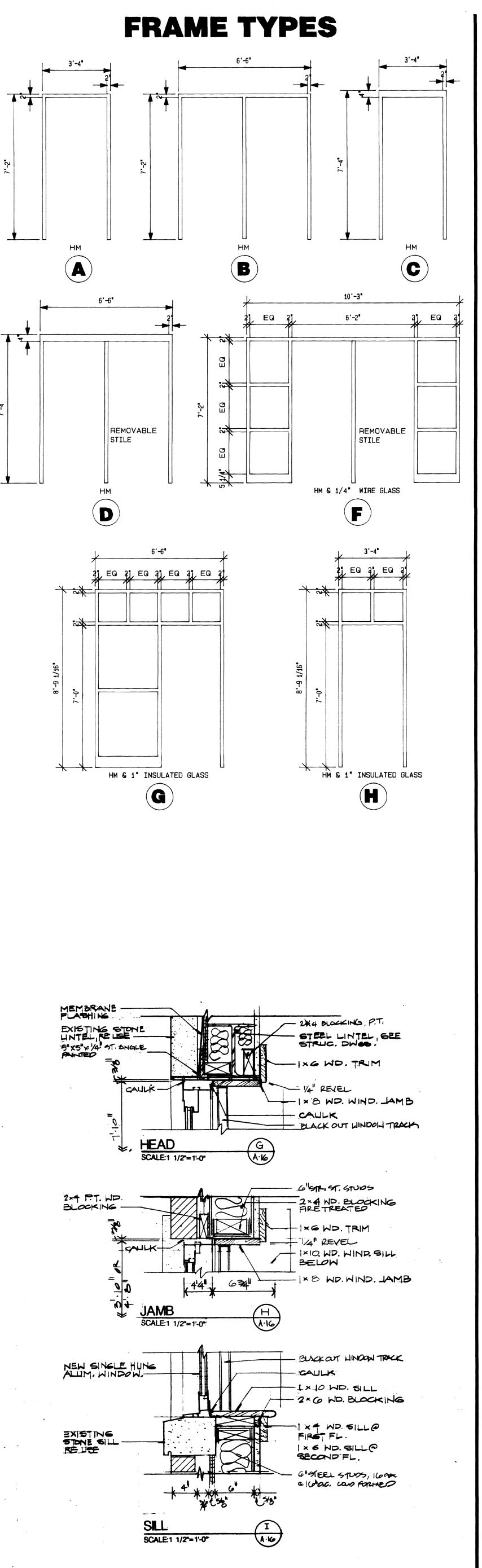
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16	FOYER LEVEL G 154 ELEV LOBBY LEVEL G 107 ELEV LOBBY LEVEL 1 108	A	PR 3'-0" x 8'-6" 3'-0" x 7'-0" 3'-0" x 7'-0"	НМ	1-1/2 HR 1-1/2 HR	C 5-3	1/8" E 3/4" E 3/4" E	E	METAL	2 4 4	1],4] 4] 4]	<u>}</u>	
18 (19)	OFFICE 106 WAITING/ENTRY 113	A A	3'-0" x 7'-0" PR 3'-0" x 7'-0"	HM HM	1 HR 1-1/2 HR	C 5-	7/8°B 1/8°C	D C		9 11			
21 F 22 (WAITING/ENTRY 113 RECEPTION 114 OFFICE 125	A F E	PR 3'-0" x 7'-0" 3'-0" x 7'-0" 3'-0" x 7'-0"	SCWD	20 MIN	C 5-3		A B		11 12 12			
24	BREAKROOM 101 OFFICE 104 CONFERENCE 103	F F G	3'-0" x 7'-0" 3'-0" x 7'-0" 3'-0" x 7'-0"	SCWD	20 MIN	A 5-7	7/8° B	B B B		8 12 14			
26 W 27 M	WOMEN 109 MEN 110	E	3'-0" x 7'-0" 3'-0" x 7'-0"	SCWD SCWD	20 MIN	CB: CB:	12 D. 12 D.	D D	MARBLE MARBLE	15 15			
29 C 30 H	JANITOR 102 OFFICE 141 H.R. ADMINISTRATION	B F F	3'-0" x 7'-0" 3'-0" x 7'-0" 3'-0" x 7'-0"	SCWD	<u>1 HR</u>	A 5-7 C 5-3 A 5-7	3/4" A	B A B		8 12 12			
31 S	STAIR 153 CORRIDOR 149	C.	PR 3'-0" x 7'-0"	НМ	1 HR	B 7-1	L/8° C	C		10	EXISTING - NO WO	RK	_
3 3 C	CORRIDOR 217 CORRIDOR 219 CORRIDOR 220	C C E	3'-0" x 7'-0" PR 3'-0" x 7'-0" 3'-0" x 7'-0"	НМ	1 HR 1 HR 20 MIN	A 7-1 B 7-1 A 5-7	1/8° C	C C B		20 10 9			
35 S 36 K	STORAGE 201 KITCHENETTE 202	E G	3'-0" x 7'-0" 3'-0" x 7'-0"	SCWD SCWD	20 MIN 20 MIN	A 5-7 A 5-7	7 /8" B 7 /8" B	B B		16 17	2]		
38 N	NO. 1 - COMPUTER 203 NO. 2 - SATELLITE 204 NO. 3 - CONFERENCE 205	E E E	3'-0" x 7'-0" 3'-0" x 7'-0" 3'-0" x 7'-0"	SCWD SCWD	20 MIN 20 MIN 20 MIN	A 5-7 A 5-7	7/8" B 7/8" B			19 19 19	3] 3]		
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43 N 44 A	NO. 7 - VIDEO 209 AV STORAGE 210	E	3'-0" x 7'-0" 3'-0" x 7'-0"	SCWD SCWD	20 MIN 20 MIN	A 5-7 C 5-	7/8" B	B		19 12			
46 M	ELEV LOBBY LEVEL 2 11 MEN 213 WOMEN 212	A E E	3'-0" x 7'-0" 3'-0" x 7'-0" 3'-0" x 7'-0"	SCWD	20 MIN	CBY		2	MARBLE		2) NERLEY WALL CONS 2]	r.	
	JANITOR 200 STAIR 226	В	3'-0" x 7'-0"		1 HR		3/4° E		**************************************	8	EXISTING - NO WO	RK	
													
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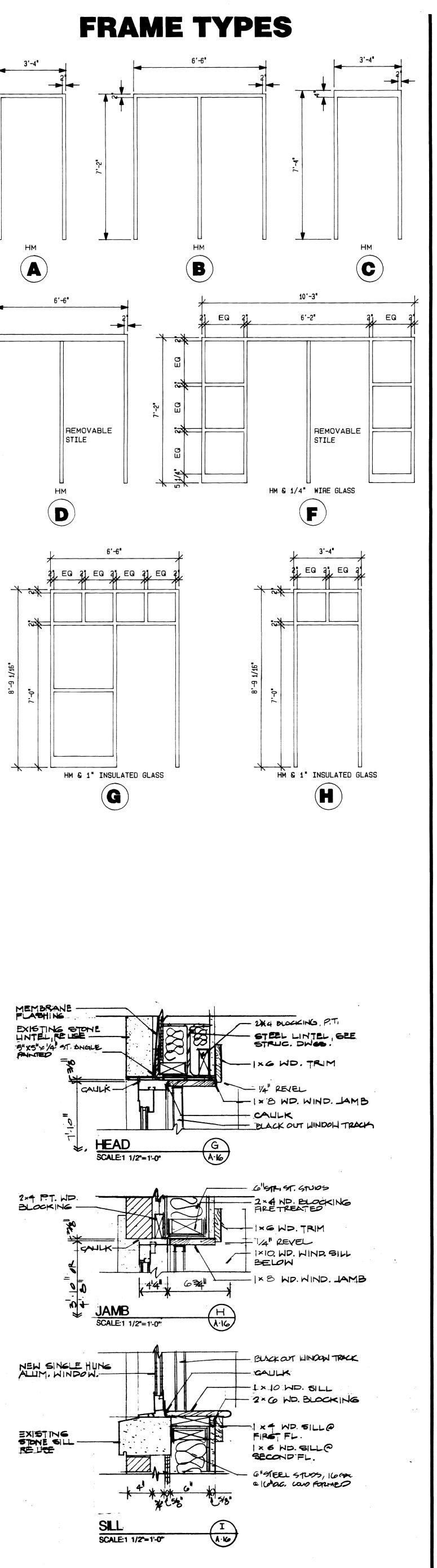
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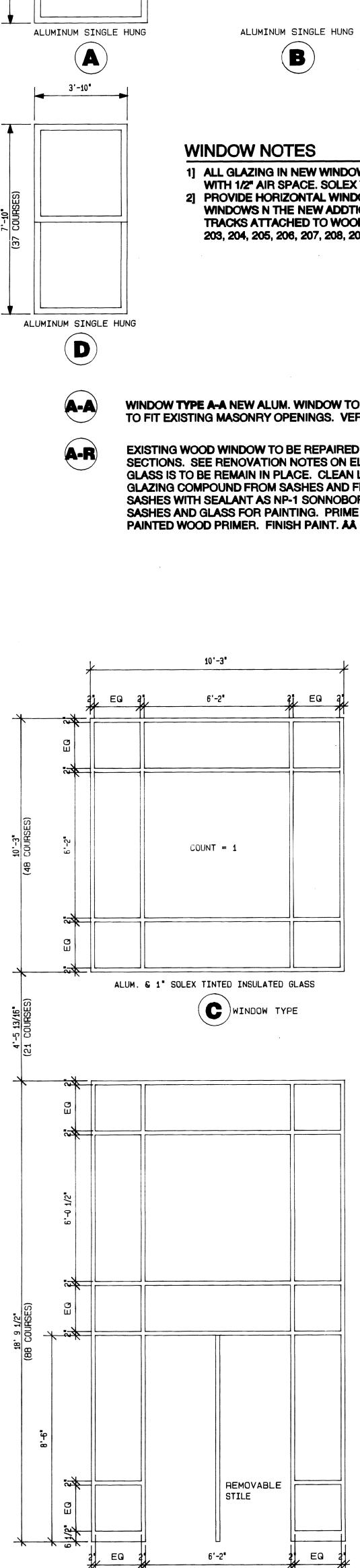
DOOR TYPES







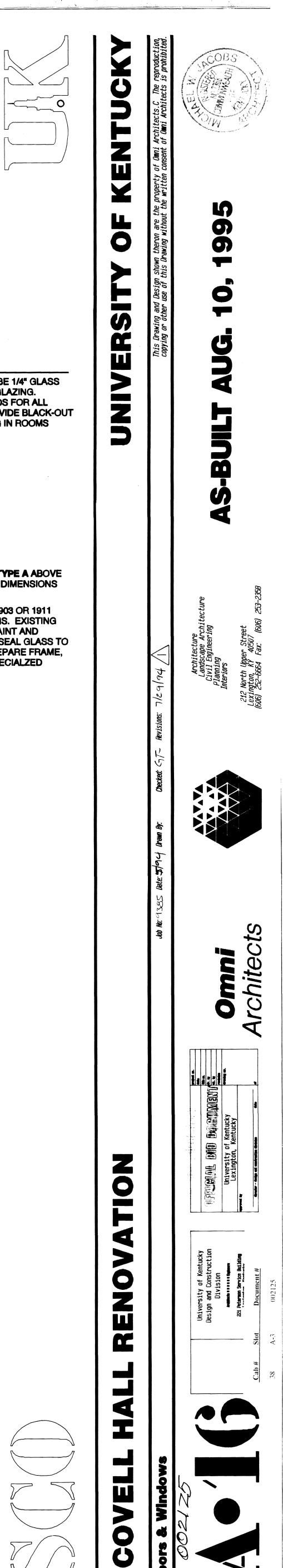




4'-8"

WINDOW TYPES

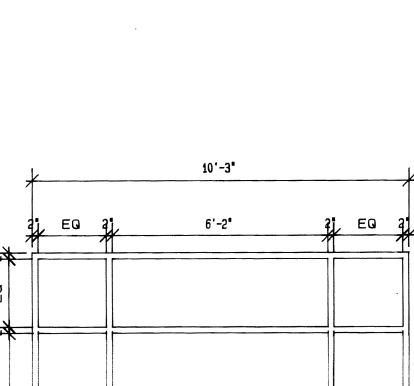
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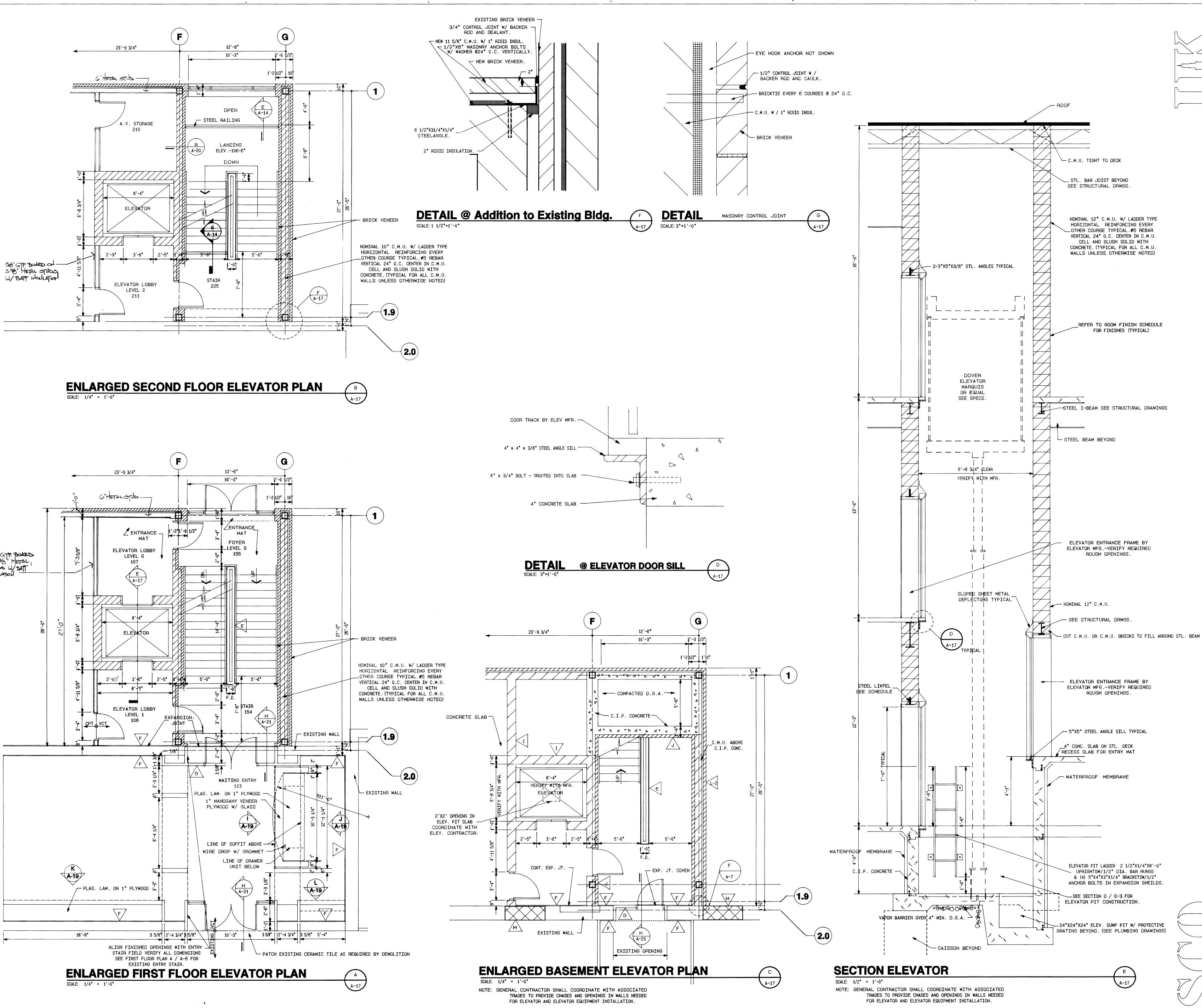
1] ALL GLAZING IN NEW WINDOWS WILL BE 1/4" GLASS WITH 1/2" AIR SPACE. SOLEX TINTED GLAZING. 2] PROVIDE HORIZONTAL WINDOW BLINDS FOR ALL WINDOWS N THE NEW ADDTION. PROVIDE BLACK-OUT TRACKS ATTACHED TO WOOD CASING IN ROOMS 203, 204, 205, 206, 207, 208, 209.

WINDOW TYPE A-A NEW ALUM. WINDOW TO MATCH TYPE A ABOVE TO FIT EXISTING MASONRY OPENINGS. VERIFY SITE DIMENSIONS

EXISTING WOOD WINDOW TO BE REPAIRED IN THE 1903 OR 1911 SECTIONS. SEE RENOVATION NOTES ON ELEVATIONS. EXISTING GLASS IS TO BE REMAIN IN PLACE. CLEAN LOOSE PAINT AND GLASS IS TO BE REMAIN IN PEOCE. OLEAN ECODE FAINT AND GLAZING COMPOUND FROM SASHES AND FRAMES. SEAL GLASS TO SASHES WITH SEALANT AS NP-1 SONNOBORNE. PREPARE FRAME, SASHES AND GLASS FOR PAINTING. PRIME WITH SPECIALZED PAINTED WOOD PRIMER. FINISH PAINT. ÅÅ



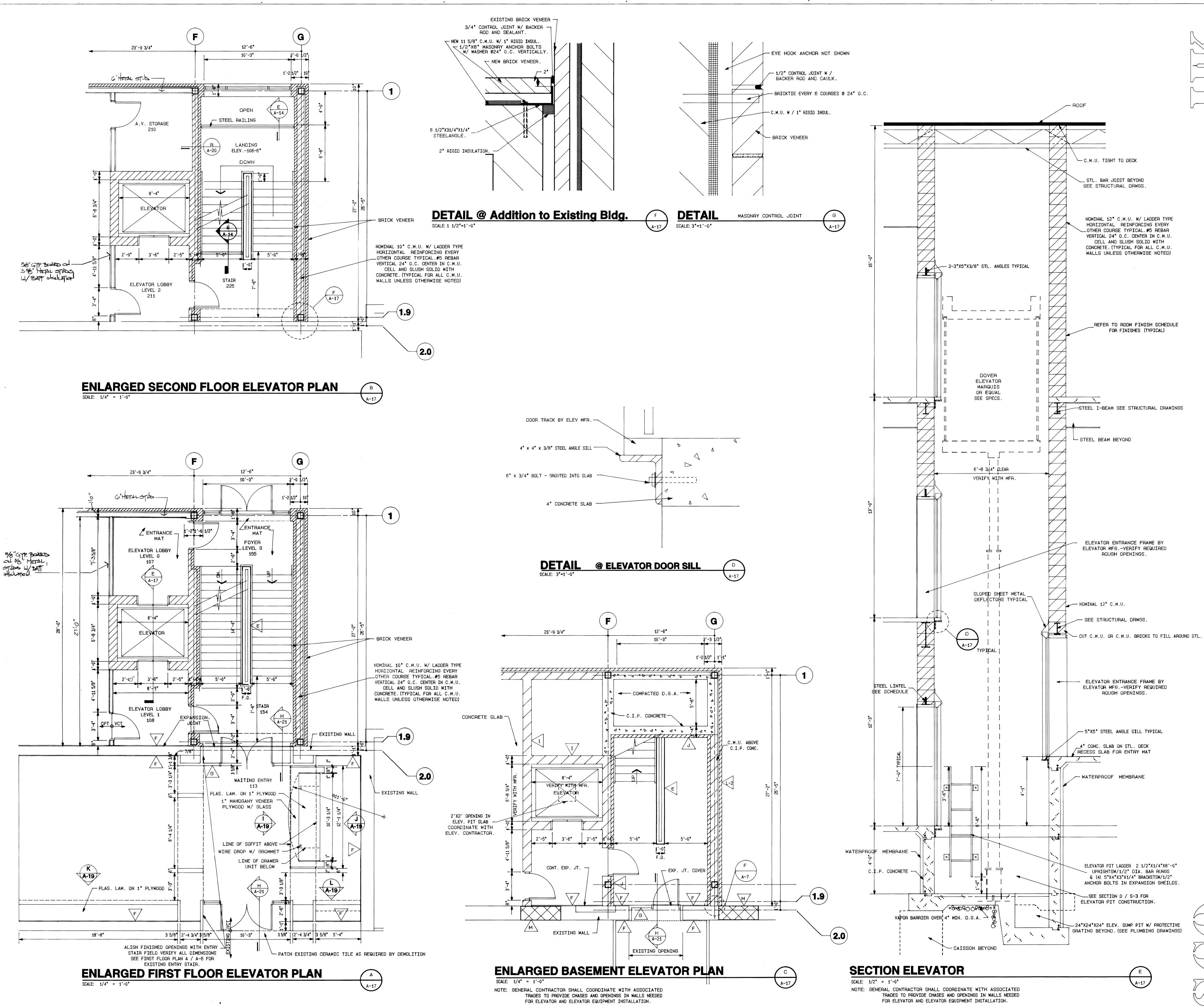
ALUM. & 1" SOLEX INSULATED GLASS

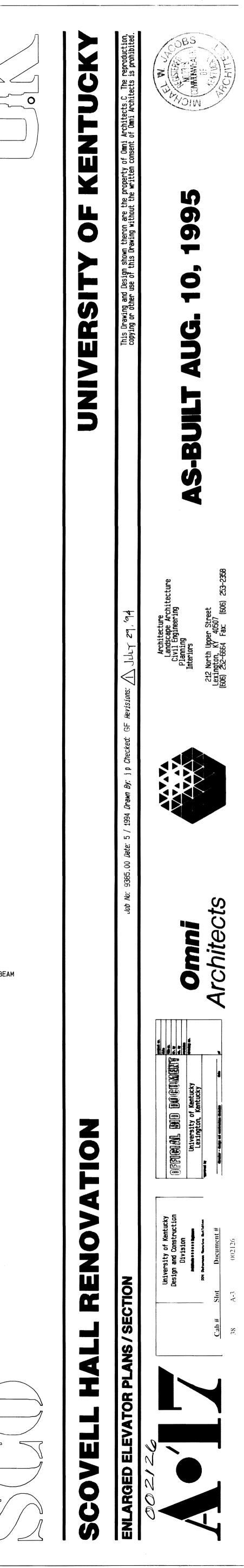


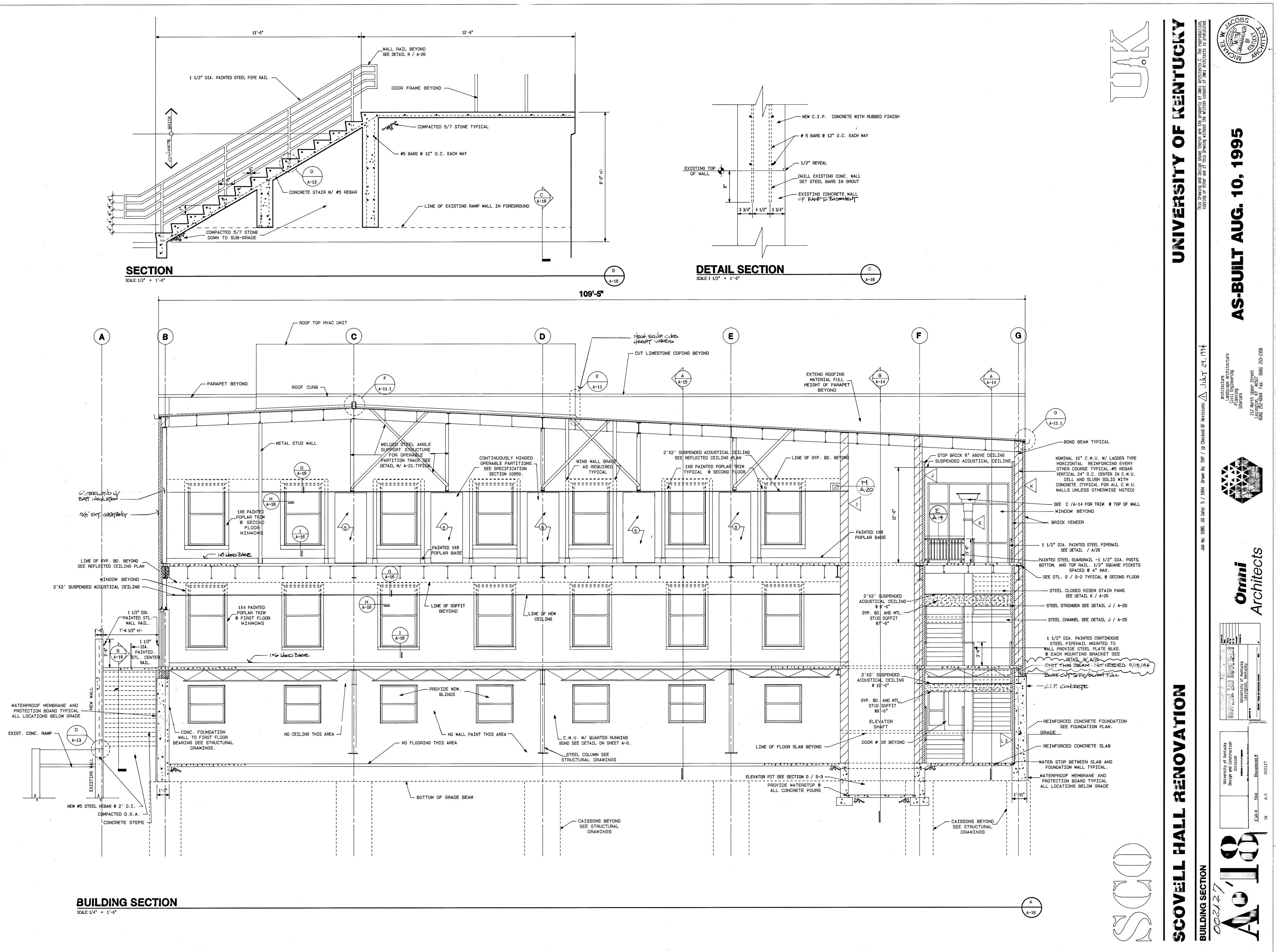
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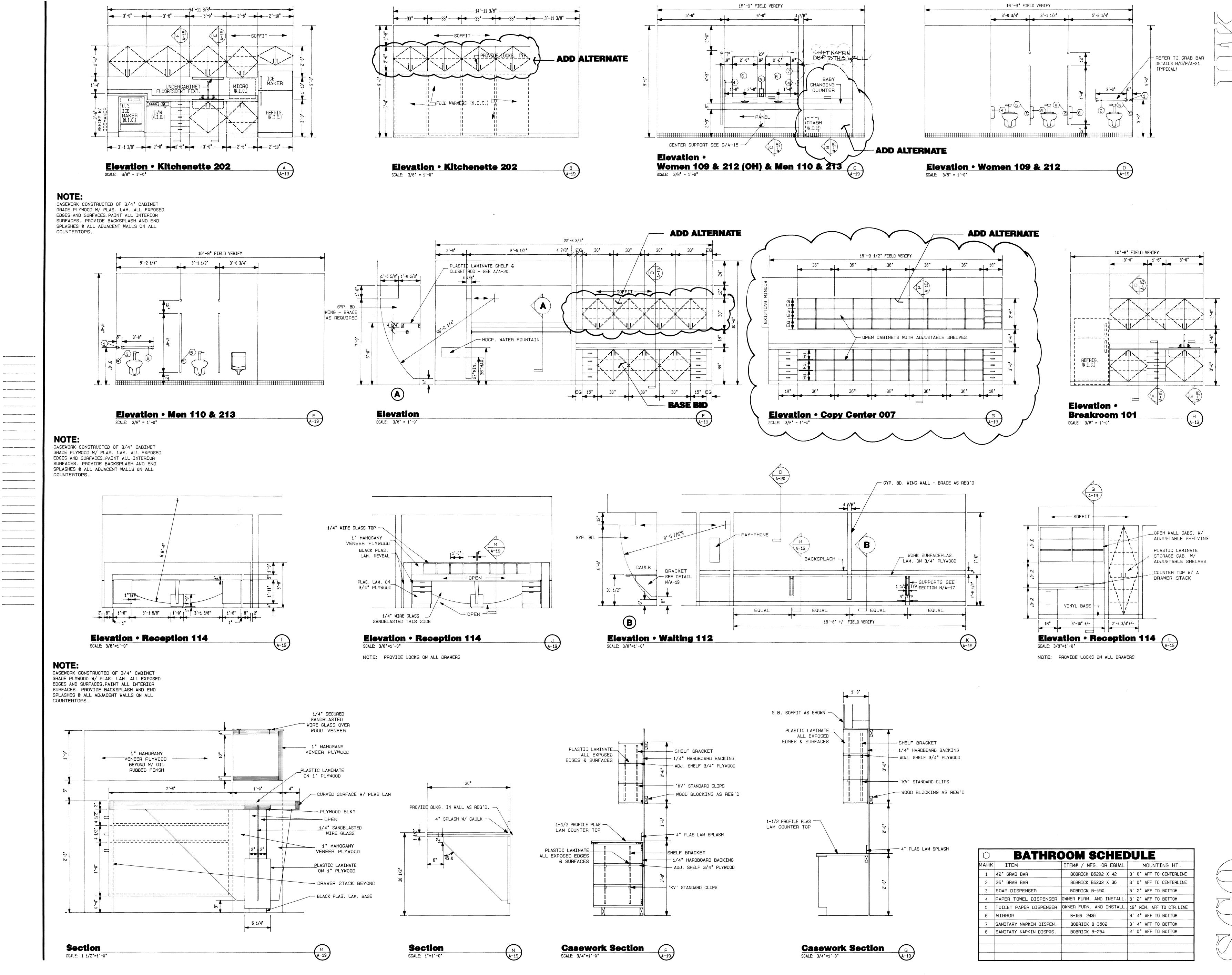


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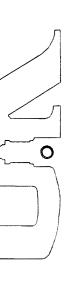
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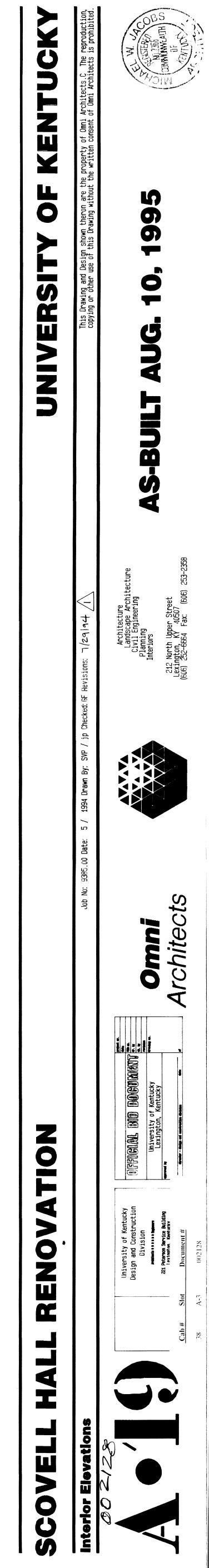
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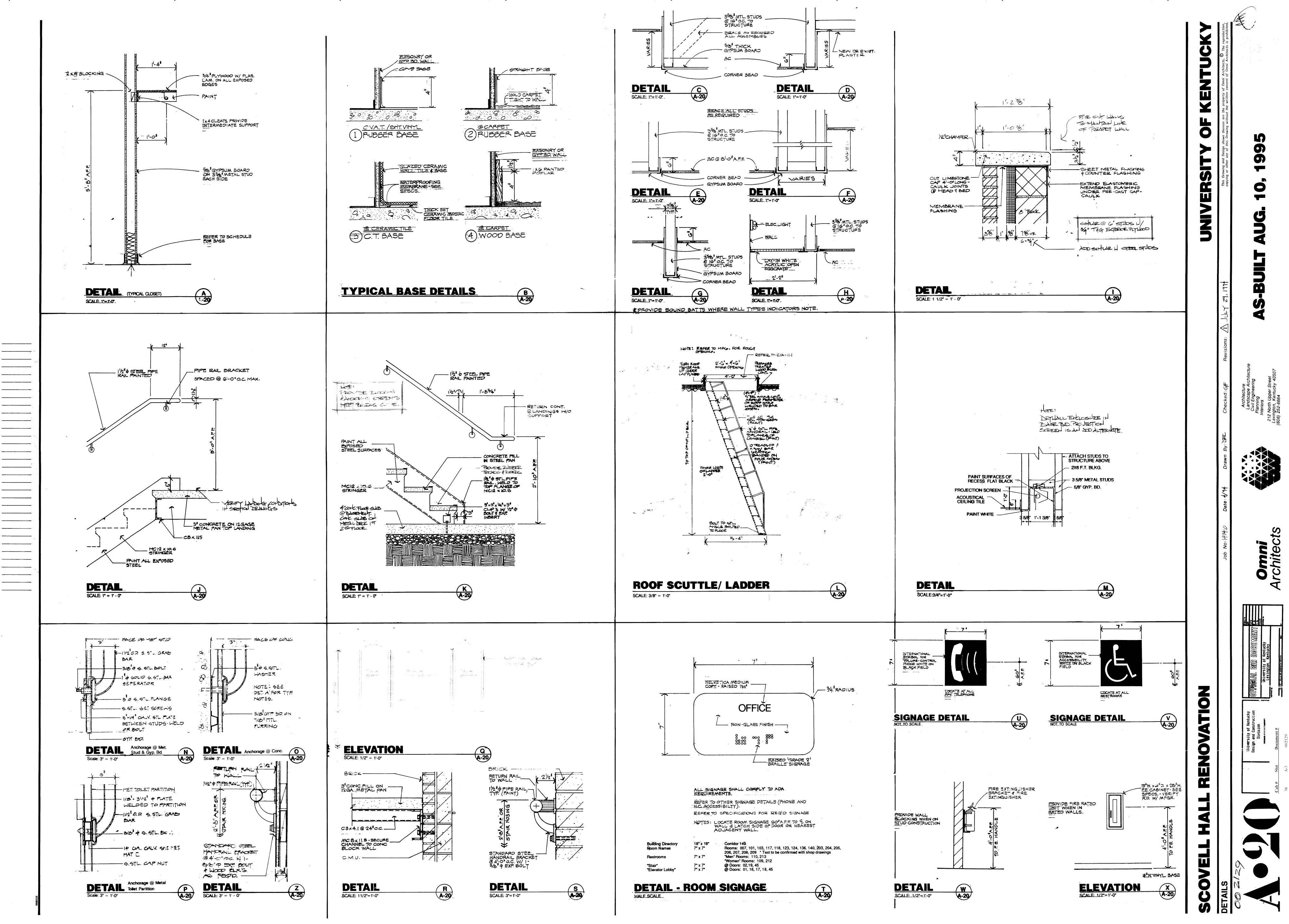


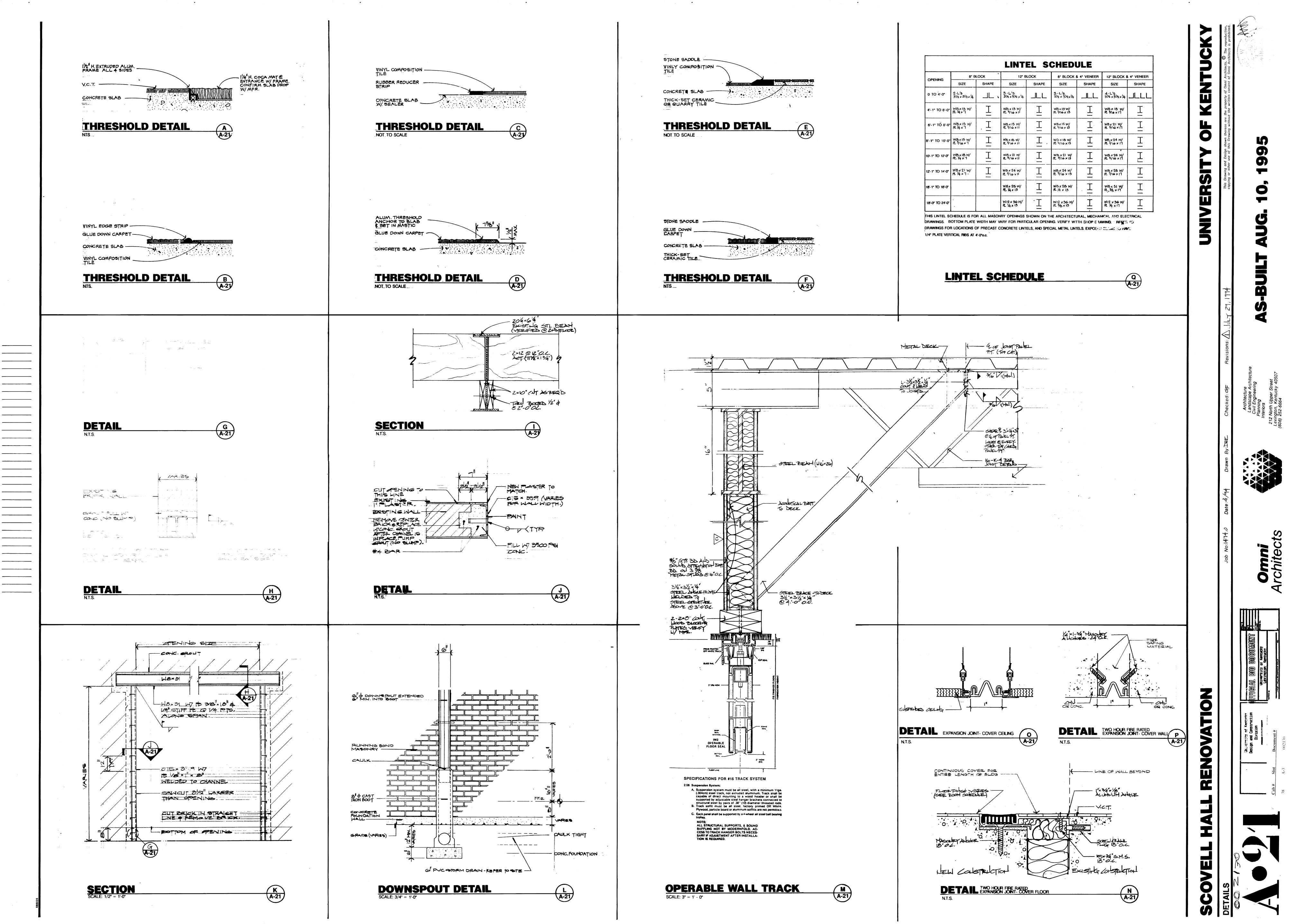


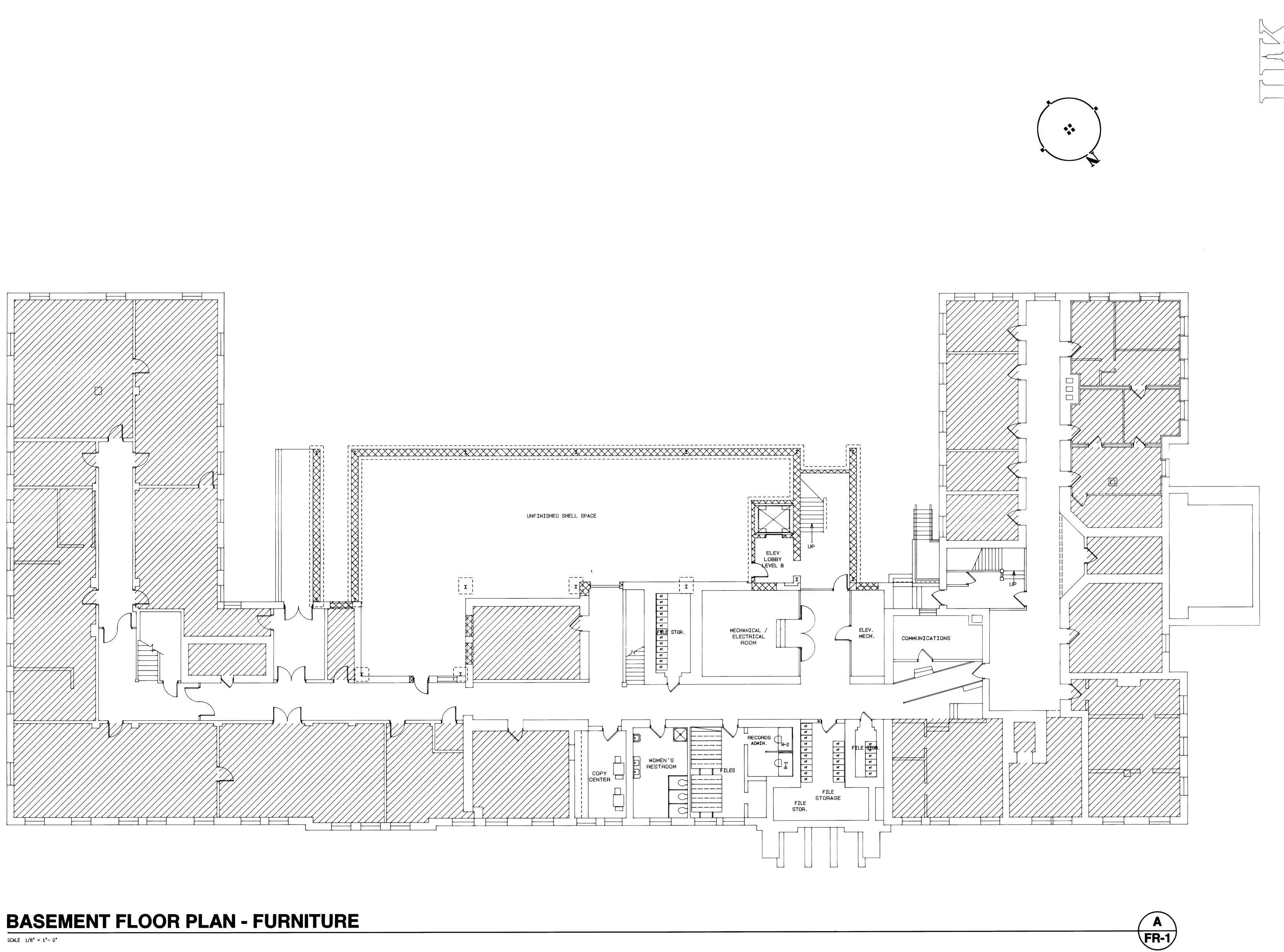




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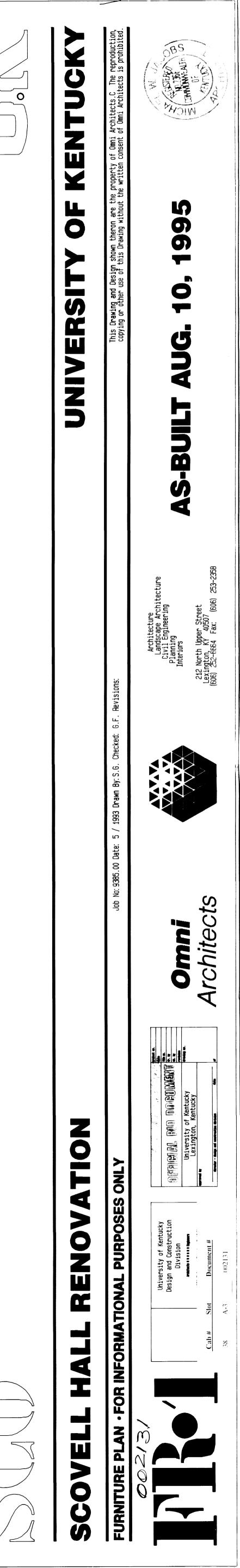


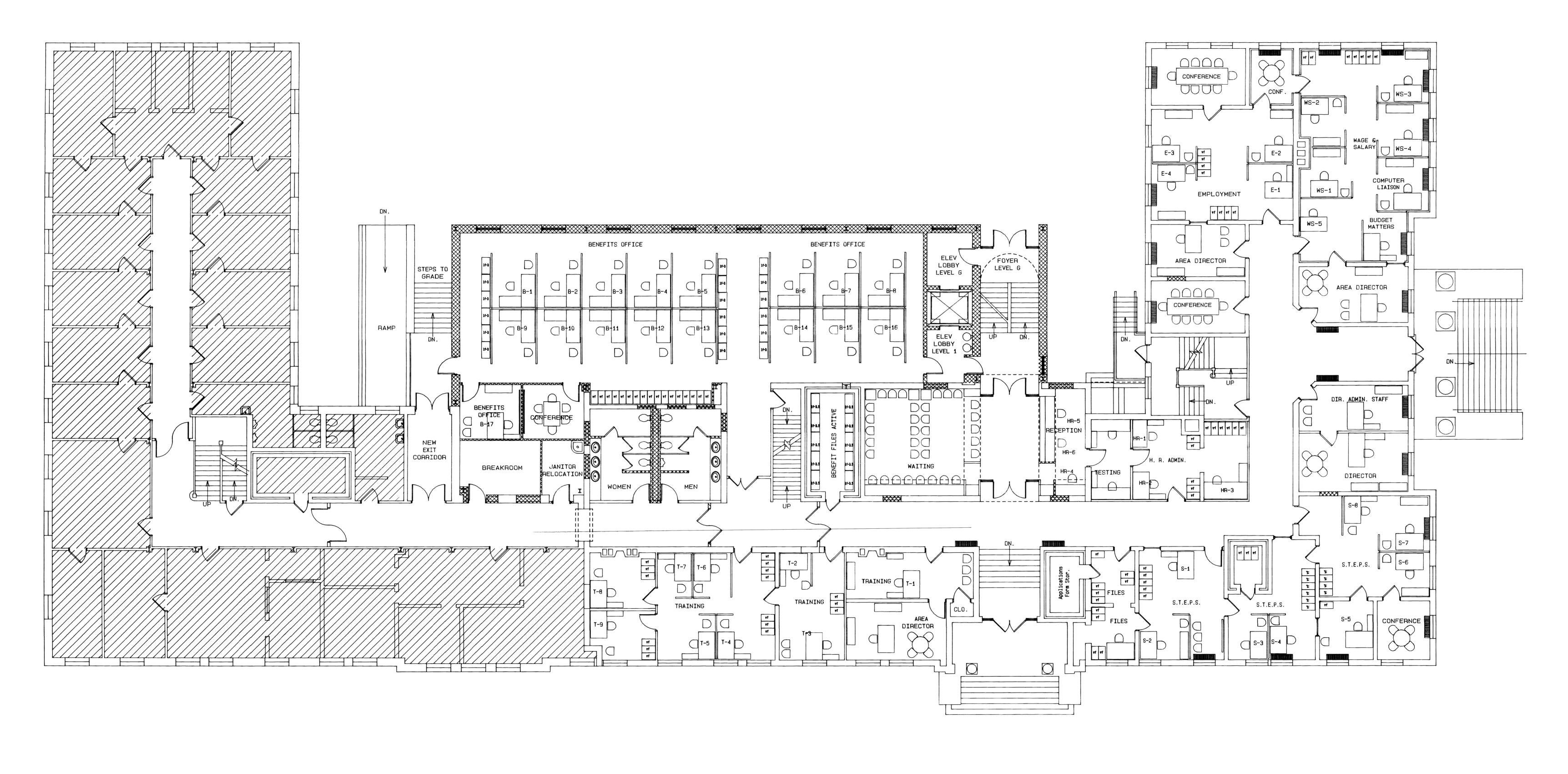


SCALE $1/8^{\circ} = 1^{\circ} - 0^{\circ}$

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SHADED AREAS DEMARK EXISTING AREAS TO REMAIN IN-USE DURING CONSTRUCTION BY AGRICULTURE-COMMUNICATONS DEPARTMENT.

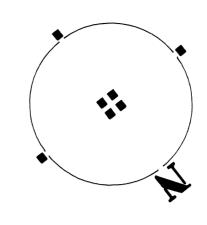




FIRST FLOOR PLAN - FURNITURE

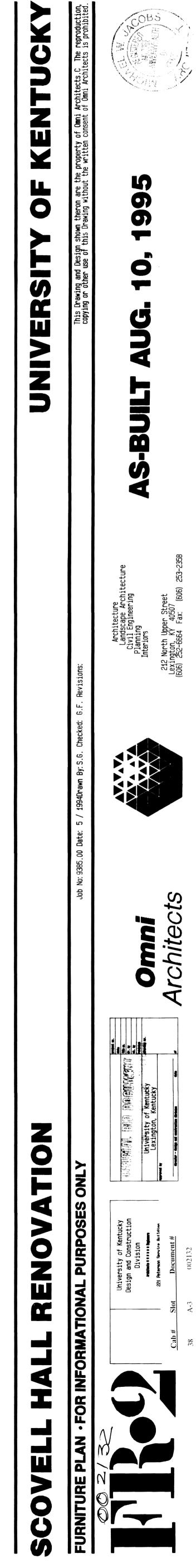
SCALE 1/8" = 1"- 0"

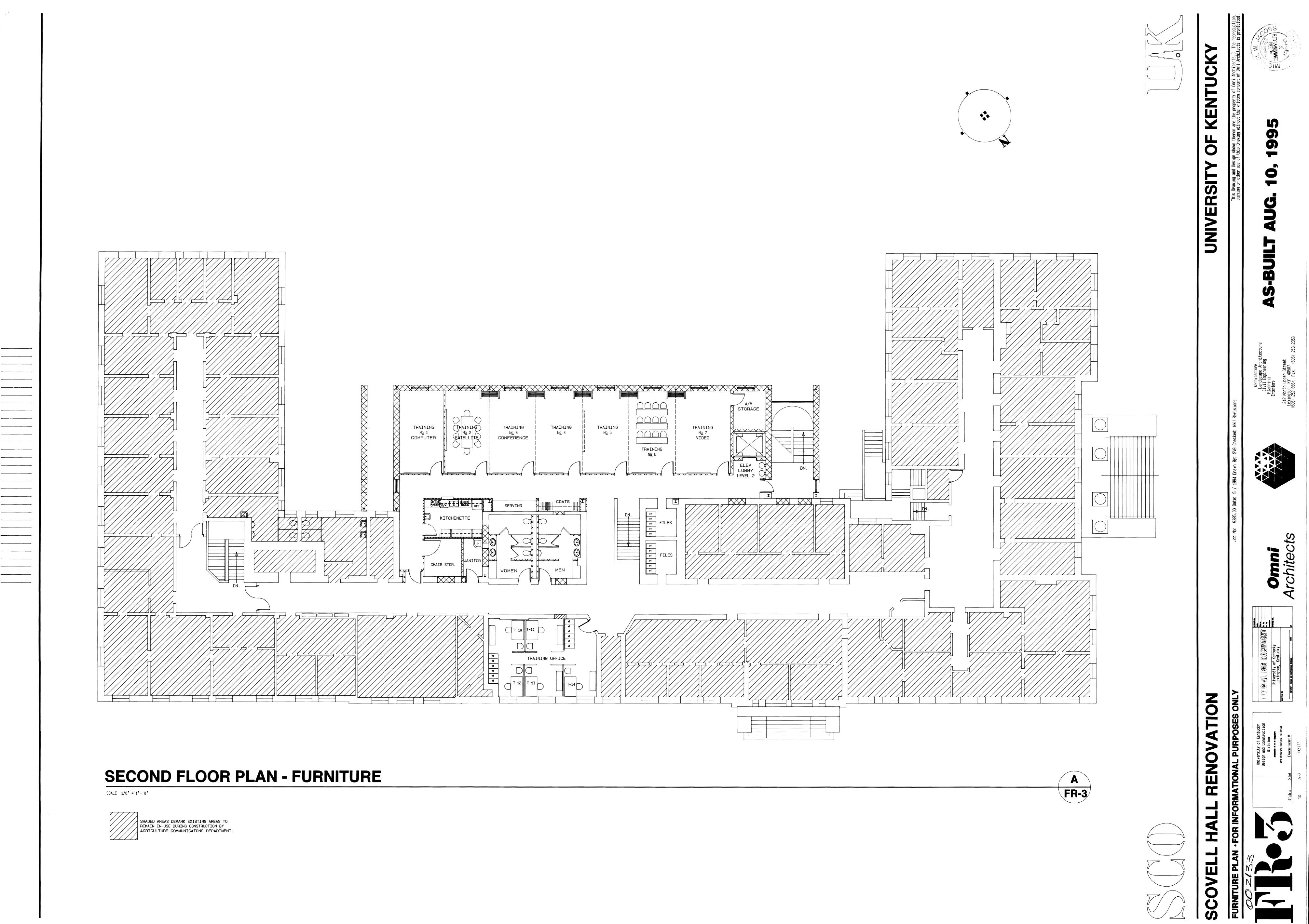
SHADED AREAS DEMARK EXISTING AREAS TO REMAIN IN-USE DURING CONSTRUCTION BY AGRICULTURE-COMMUNICATONS DEPARTMENT.



A FR-2



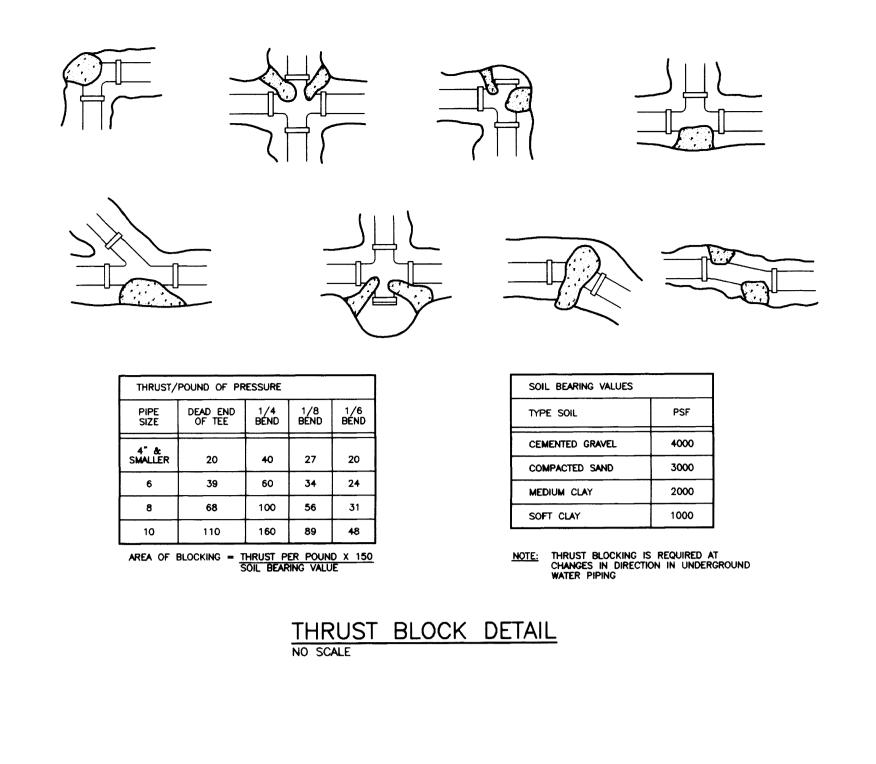


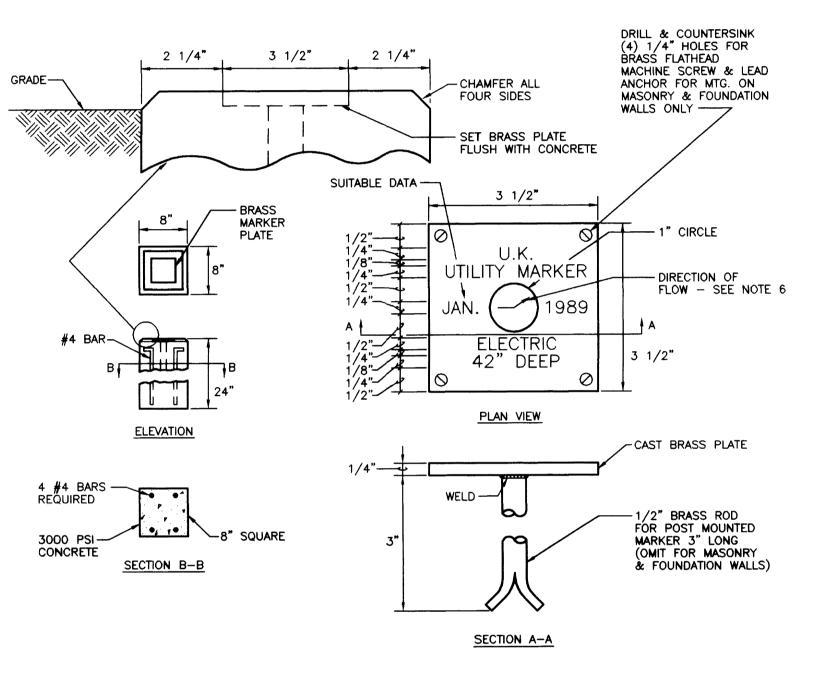










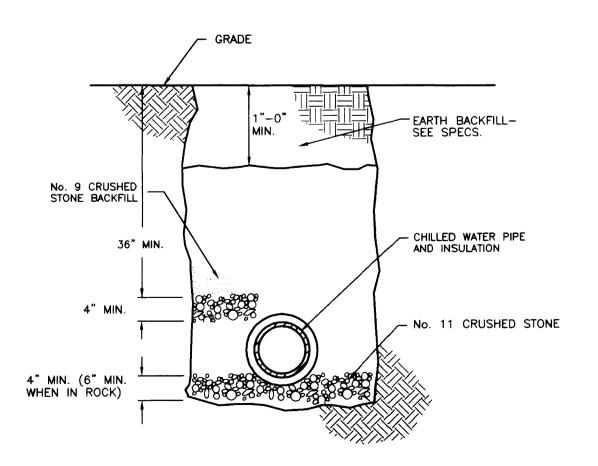


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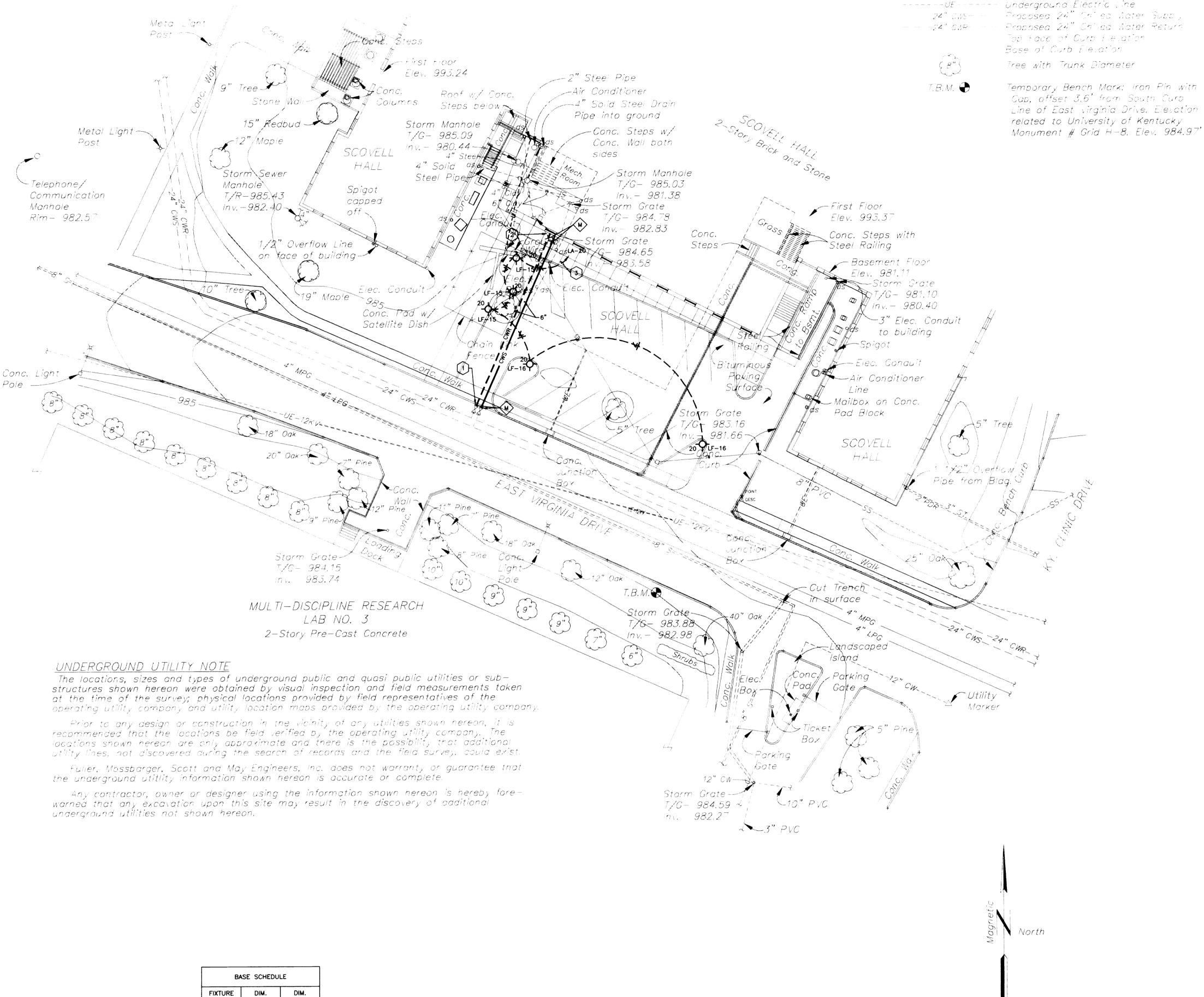
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- MARKERS SHALL BE LOCATED WERE INDICATED ON DRAWINGS. 1.
- 2. BRASS MARKERS SHALL BE CAST BY BRUCE FOX COMPANY, NEW ALBANY, INDIANA, OR EQUAL.
- ALL LETTERING SHALL BE OF THE RAISED TYPE. LETTERING SHOWN ON MARKER IS FOR EXAMPLE ONLY. LETTERING TO BE RAISED 1/8". 3. AT THE CONTRACTOR'S OPTION, ONE MARKER MAY BE USED FOR COMPANION MAINS THAT ARE LOCATED CLOSE TOGETHER SUCH AS STEAM AND CONDENSATE PUMP DISCHARGE PIPING OR CHILLED WATER SUPPLY AND CHILLED WATER RETURN PIPING. PROVIDE ARROW 4.
- FOR EACH MAIN. 5.
- CONTRACTOR SHALL FURNISH A COMPLETE LIST FOR APPROVAL OF ALL MARKERS SHOWING NAMES, ARROWS, DEPTH AND DATE. 6.
- WHEN UTILITY MARKERS ARE INSTALLED OVER LINES AT A POINT OF DIRECTION CHANGE, THE ARROW ON THE MARKERS SHALL BE "ANGLED" AS REQUIRED TO IMPLY THIS ROUTING.

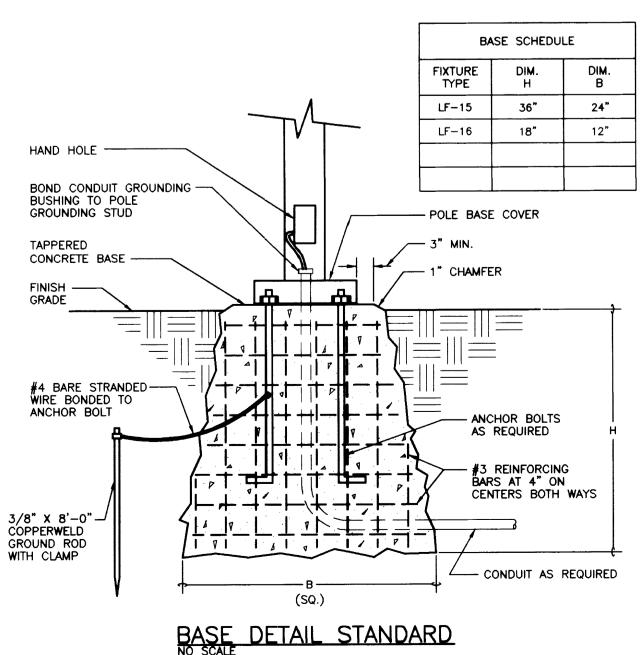
UTILITY SERVICE MARKER DETAIL



EXTERIOR CHILLED WATER PIPING INSTALLATION DETAIL



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GENERAL NOTES: SITE UTILITIES: EXISTING UTILITIES SHOWN MAY ACTUALLY BE IN DIFFERENT LOCATIONS AND ADDITIONAL UTILITIES NOT SHOWN MAY EXIST AND MAY BE IN USE. TOP ELEVATIONS OF NEW UNDERGROUND STRUCTURE ARE APPROXIMATE AND ARE FOR ESTIMATING PURPOSES ONLY. ACTUAL TOP ELEVATIONS MUST BE THE SAME AS FINISHED GRADE IN THE SAME AREA. SEE ARCHITECTURAL PLANS FOR FINISHED GRADES. LOCATIONS OF UTILITIES ARE APPROXIMATE AND SUBJECT TO MINOR CHANGES IN THE FIELD. DO NOT SCALE THE DRAWINGS.

6

VERIFY EXACT SIZES AND ROUTING OF EXISTING UNDERGROUND UTILITIES WITH APPROPRIATE UTILITY COMPANIES BEFORE DOING ANY EXCAVATING. THE CONTRACT DOCUMENTS SHOW THE APPROXIMATE LOCATION OF THE EXISTING AND NEW SUBSURFACE UTILITY LINES. THESE LINES HAVE BEEN IDENTIFIED AND LOCATED AS ACCURATELY AS POSSIBLE USING AVAILABLE INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL ACTUAL LOCATIONS. IF ANY CHARTED, UNCHARTED OR MISLOCATED UTILITY SERVICE IS INTERRUPTED FOR ANY REASON. THE CONTRACTOR WILL WORK CONTINUIOUSLY TO PESTORE SERVICE TO THE REASON, THE CONTRACTOR WILL WORK CONTINUOUSLY TO RESTORE SERVICE TO THE SATISFACTION OF THE OWNER. SHOULD UTILITIES REQUIRE RELOCATION OR REROUTING NOT SHOWN OR INDICATED TO BE RELOCATED OR REROUTED, CONTACT AND COOPERATE WITH THE OWNER TO MAKE THE REQUIRED ADJUSTMENTS AT AN EQUITABLE CHANGE IN THE CONTRACT PRICE. EXCAVATION: MATERIALS TO BE EXCAVATED SHALL INCLUDE EARTH AND ANY OTHER MATERIAL, INCLUDING ROCK, ENCOUNTERED IN THE TRENCH EXCAVATION. SEE SPECIFICATIONS.

CODED NOTES:

- CONNECT NEW 6" CHILLED WATER SUPPLY AND CHILLED WATER RETURN TO EXISTING VALVES ON THE 24" CHILLED WATER MAINS. VERIFY EXACT LOCATION OF VALVES AND CONNECTIONS AND REROUTE PIPE AS REQUIRED.
- CHILLED WATER ENTRANCE INTO NEW BASEMENT. PROVIDE SLEEVES AND SLEEVE SEALS AT ENTRANCE. PROVIDE PIPE ANCOR AT BUILDING.
- 3 ROUT THRU EXTERIOR LIGHTING TIME CLOCK.

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GRAPHIC SCALE: 1'' = 20'CONTOUR INTERVAL = 1'

----- Storm Sewer Line

-----3" st----- 5" Steam Line

-4" / PG--

---S----- Sanitary Sewer Line

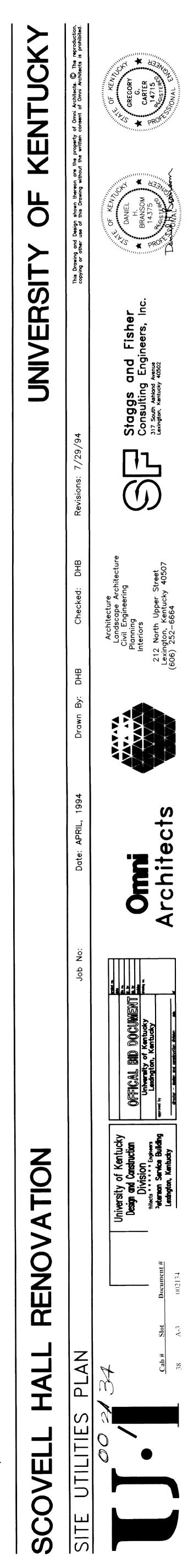
" MPG ------ 4" Medium Pressure Gas

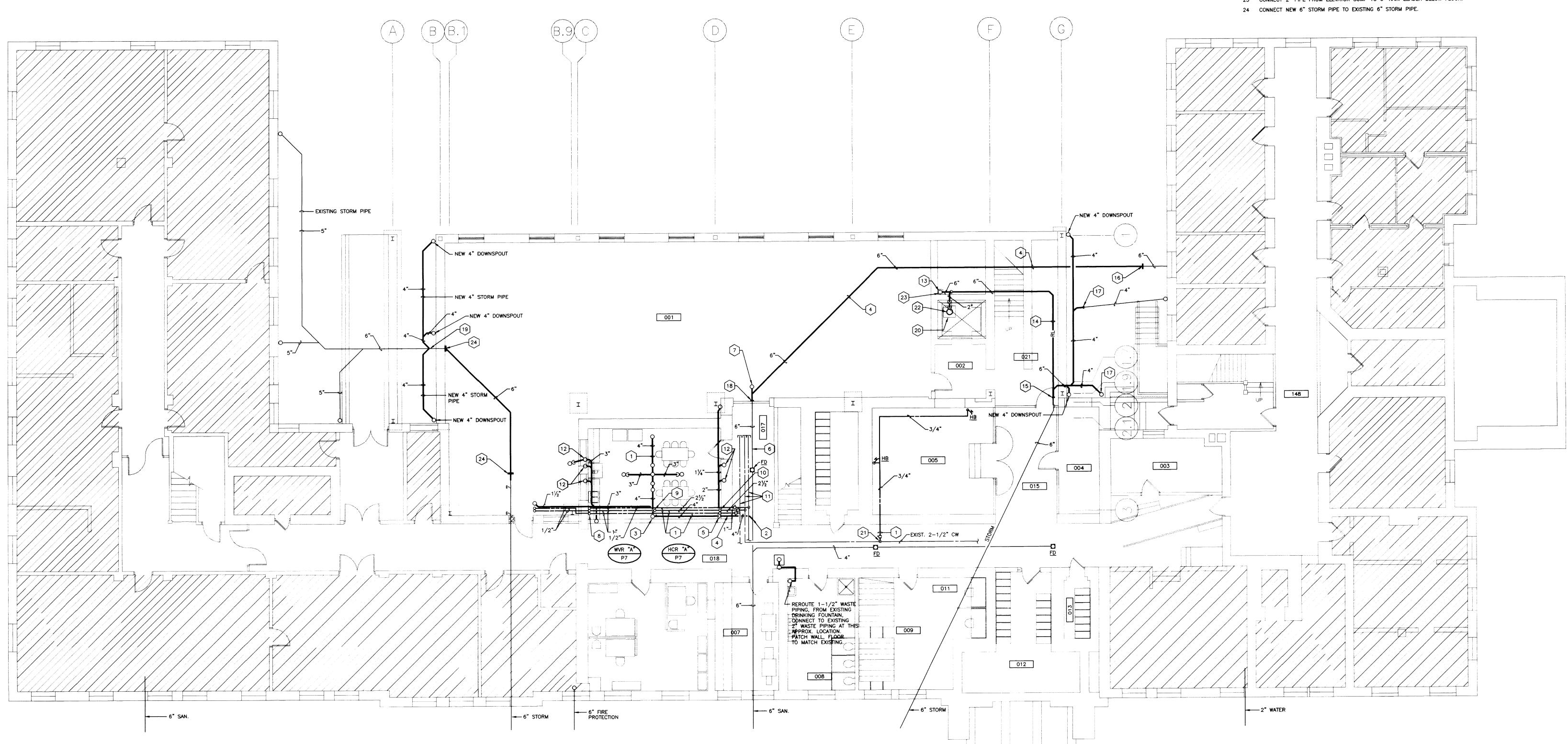
2" CW----- 12" Chilled Water Line

---- 4" Low Pressure Gas

2" Pressure Discharge Return

12 KV Underground Electric Line



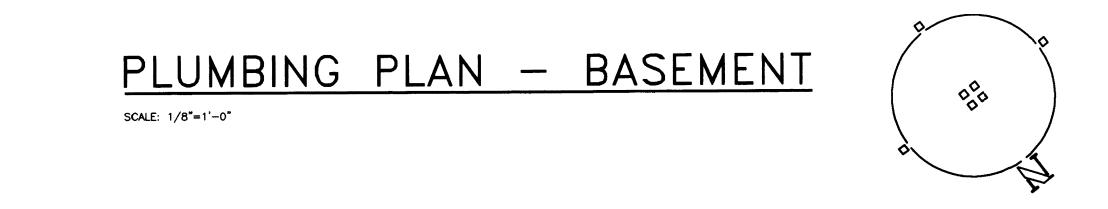


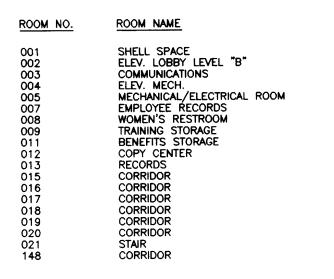
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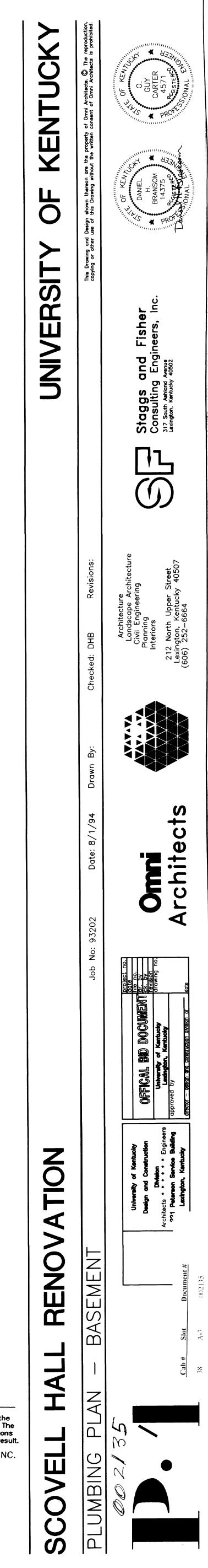
- CODED NOTES-DRAWING P1
- 1 RUN ABOVE BASEMENT CEILING. 2 CONNECT NEW 4" WASTE TO EXISTING 6" WASTE BELOW BASEMENT FLOOR.

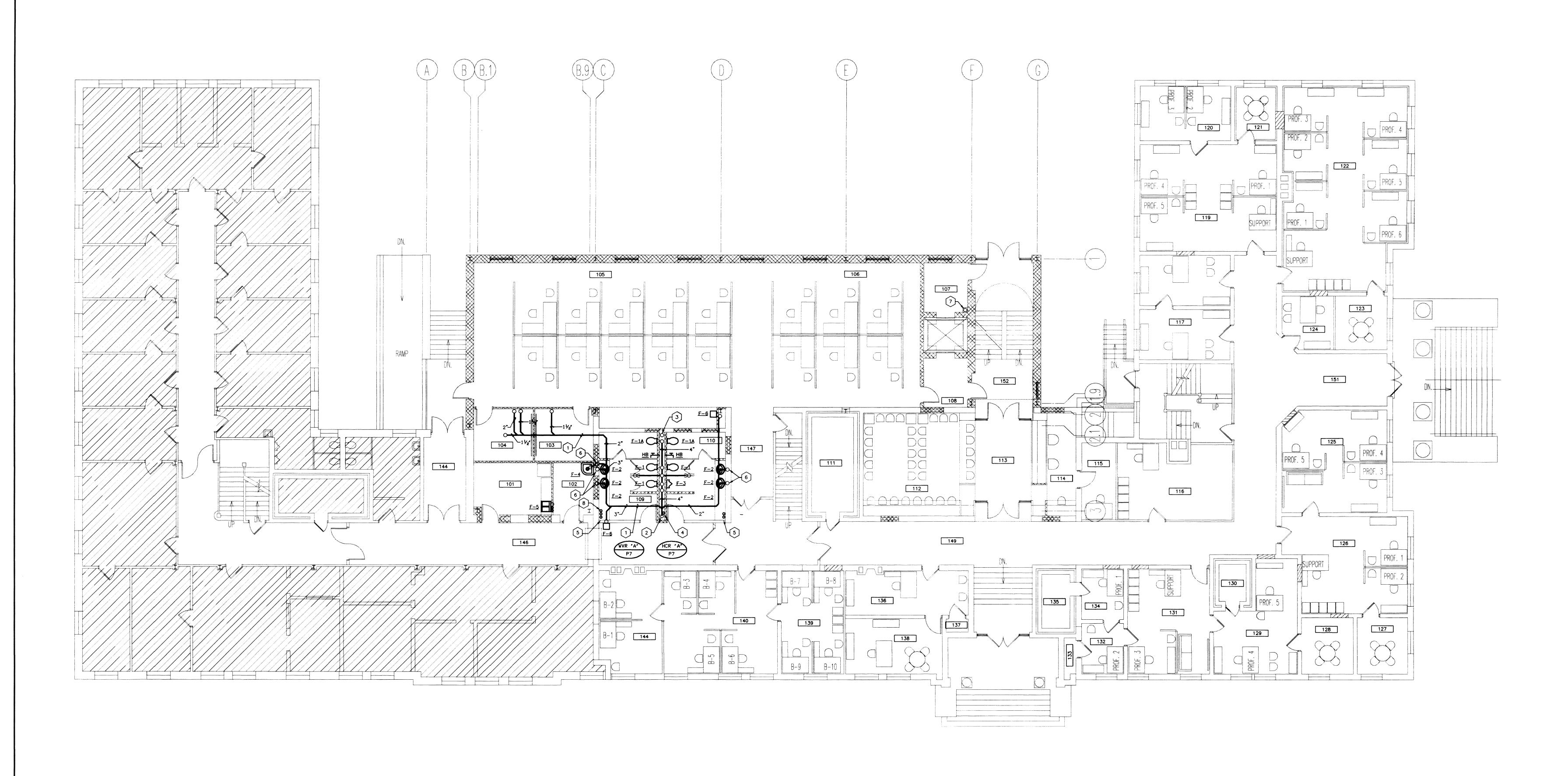
-

- 3 4" WASTE UP.
- 4 RUN BELOW BASEMENT FLOOR. 5 4" WASTE DOWN. FURR IN PIPE IN CORNER.
- 6 EXISTING 6" WASTE BELOW BASEMENT FLOOR.
- 7 INSTALL NEW CLEANOUT.
- 8 1"CW, 1"HW & 1/2"HWR UP. 9 2-1/2" CW UP.
- 10 3/4" CW & 3/4" HW UP.
- 11 EXISTING 2-1/2" CW, 1-1/2" HW & 3/4" HWR RUN ABOVE BASEMENT CEILING.
- 12 CUT OUT EXISTING WALLS FOR NEW VERTICAL WASTE PIPES.
- 13 6" RAIN LEADER UP. FURR IN.
- 14 RUN RAIN LEADER BELOW BASEMENT FLOOR. 15 CONNECT NEW 6" RAIN LEADER TO EXISTING 6" STORM DRAIN.
- 16 CONNECT NEW 6" SANITARY SEWER TO EXISTING 6" SANITARY SEWER.
- 17 CONNECT NEW 4" STORM PIPE TO EXISTING 4" STORM PIPE.
- 18 CONNECT NEW 6" WASTE TO EXISTING 6" WASTE UNDER BASEMENT FLOOR. 19 CONNECT NEW 4" STORM PIPE TO EXISTING 6" STORM PIPE BELOW GROUND.
- 20 22" X 22" X 22" ELEVATOR SUMP.
- 21 CONNECT NEW 3/4" CW TO EXISTING 2-1/2" CW ABOVE CEILING. 22 ELEVATOR SUMP PUMP.
- 23 CONNECT 2" PIPE FROM ELEVATOR SUMP TO 6" RAIN LEADER BELOW FLOOR.

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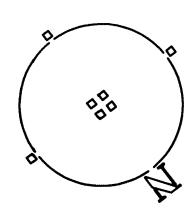
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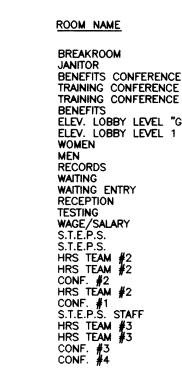
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PLUMBING PLAN - FIRST FLOOR

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

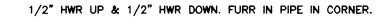




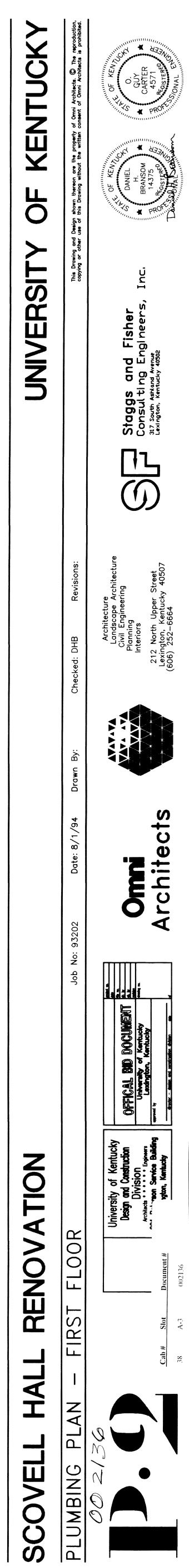
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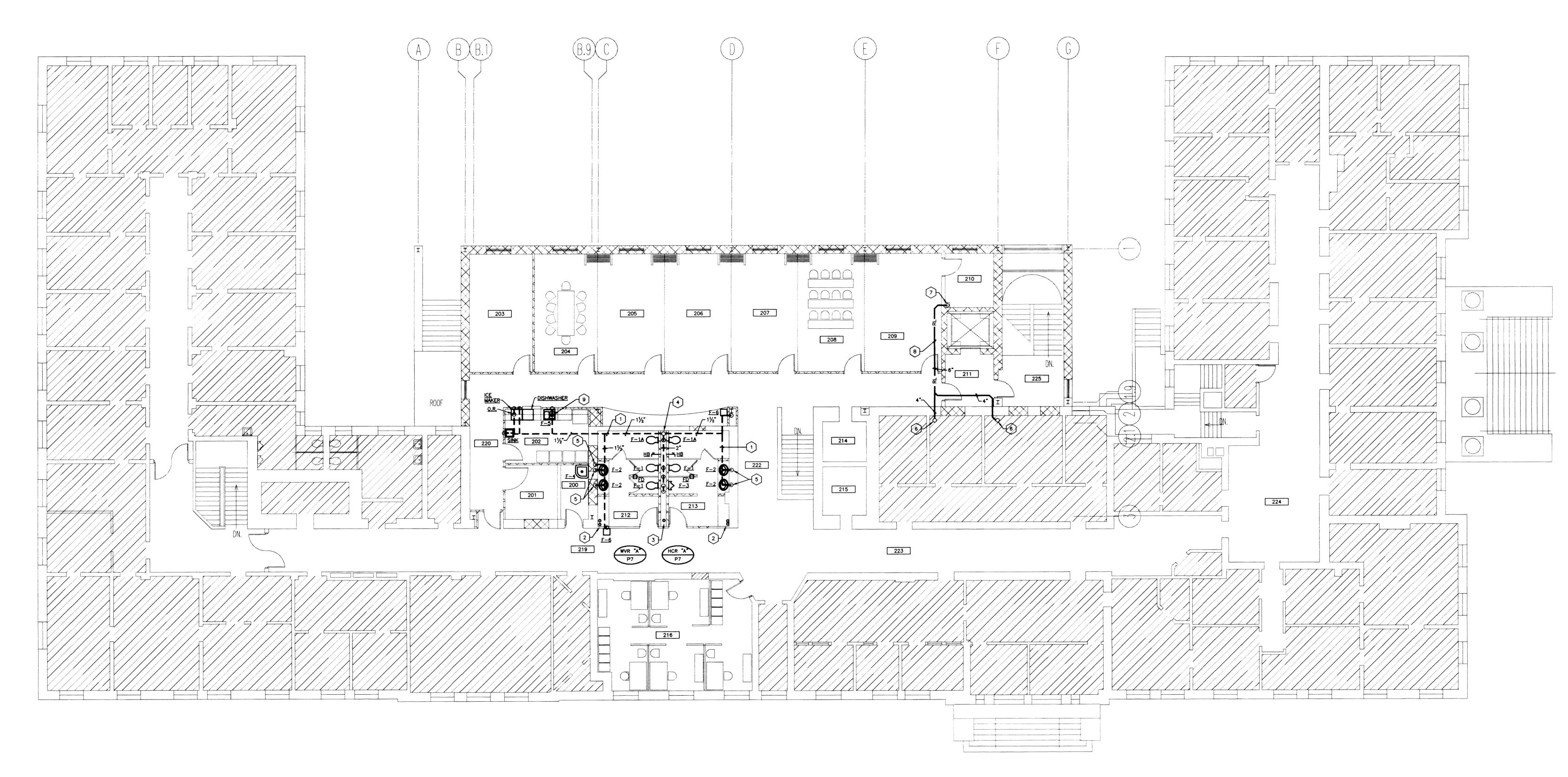
ROOM NO.

- 1 RUN ABOVE FIRST FLOOR CEILING.
- 2 4" WASTE DOWN.
- 3 4" VENT UP. 4 2" CW UP AND 2-1/2" CW DOWN.
- 3/4" CW & 3/4" HW UP AND 3/4" CW & 3/4" HW DOWN. FURR IN PIPES IN CORNER.
- CUT OUT EXISTING WALLS FOR NEW VERTICAL WASTE & VENT PIPES.
- 6" RAIN LEADER UP AND DOWN. FURR IN.

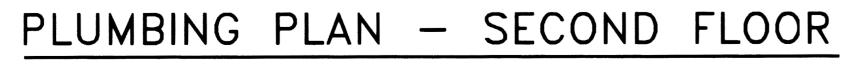


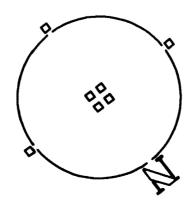
RECORD DRAWINGS DATE _____9-8-95 These record drawings have been prepared, in part, on the basis of information compiled and furnished by others. The Engineer will not be responsible for any errors or omissions which have been incorporated into this document as a result. STAGGS & FISHER CONSULTING ENGINEERS, INC.









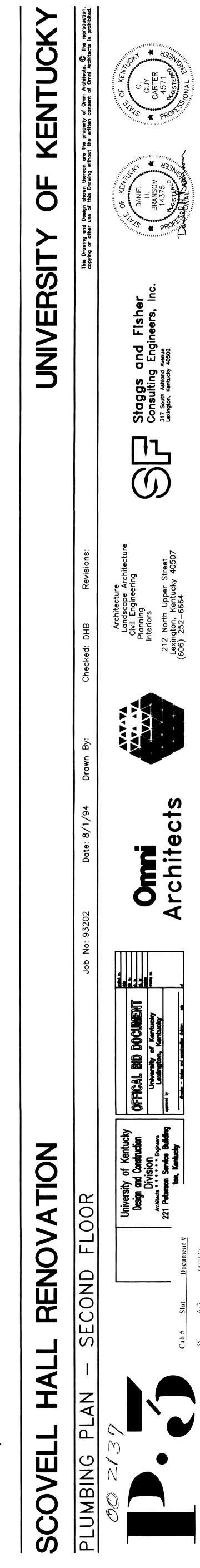


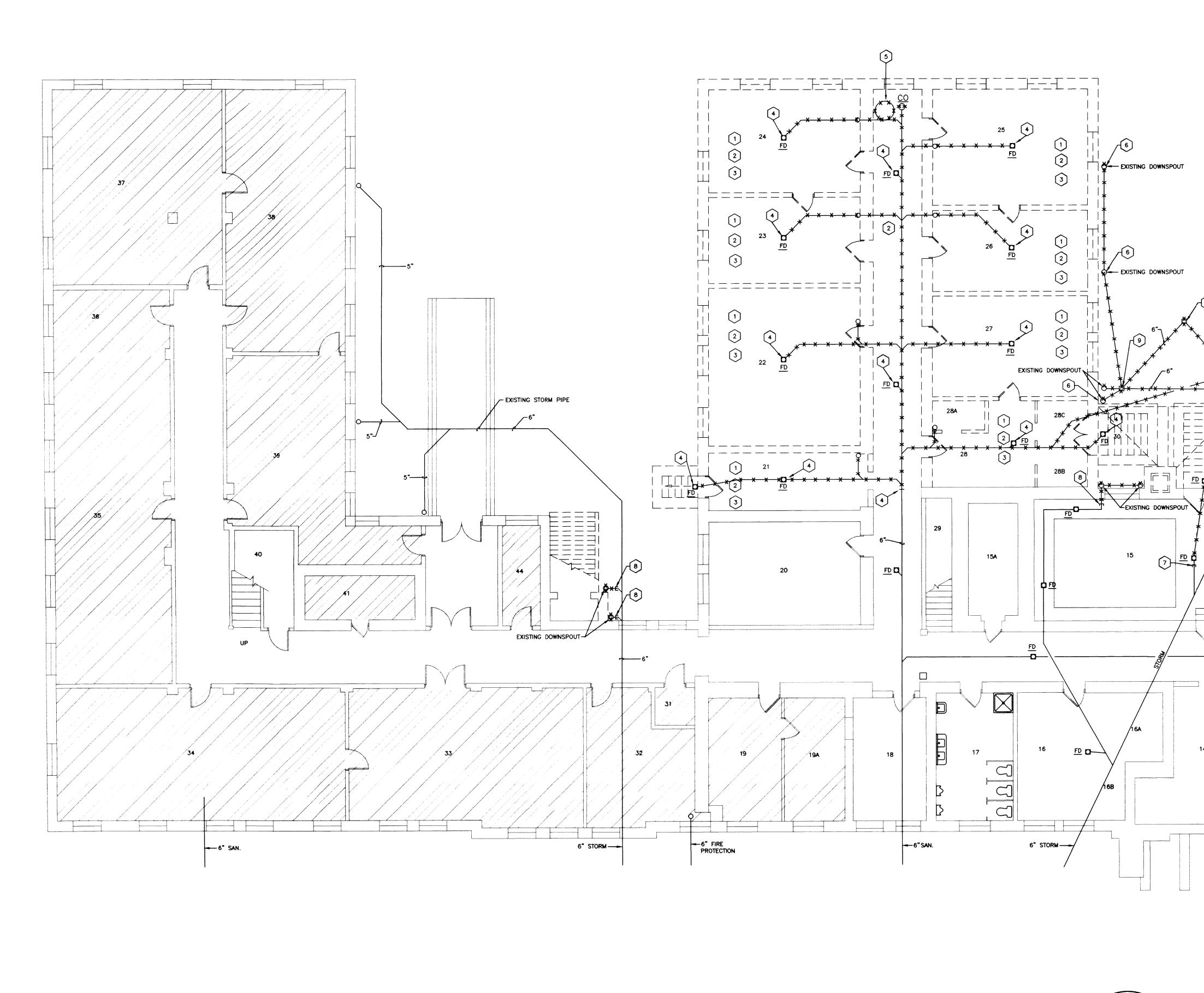
ROOM NAME JANITOR CHAIR STOR. KITCHENETTE COMPUTER SATELLITE CONFERENCE

VIDEO A/V STORAGE ELEV. LOBBY LEVEL 2 WOMEN MEN RECORDS RECORDS TRAINING OFFICE CORRIDOR CORRIDOR CORRIDOR CORRIDOR CORRIDOR CORRIDOR CORRIDOR STAIR

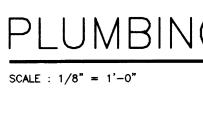
- 1 RUN VENT PIPING ABOVE SECOND FLOOR CEILING.
- 2 3/4" CW & 3/4" HW DOWN.
- 3 2" CW DOWN.
- 4 4" VENT DOWN AND 4" VENT UP TO 4" VENT THRU ROOF.
- 5 CUT OUT EXISTING WALLS FOR NEW VERTICAL WASTE & VENT PIPES.
- 6 4" RAIN LEADER UP TO ROOF DRAIN.
- 7 6" RAIN LEADER DOWN. FURR IN.
- 8 RUN RAIN LEADER ABOVE SECOND FLOOR CEILING. 9 GARBAGE DISPOSAL.

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PLUMBING PLAN - BASEMENT FLOOR - DEMOLITION `**Q**``

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- CODED NOTES-DRAWING P4
- REMOVE ALL EXISTING LABORATORY SINKS, CUP SINKS, COUNTERS AND COLD WATER, HOT WATER AND HOT WATER RECIRCULATING PIPE TO DEMOLITION LIMIT AND CAP.
- 2 REMOVE ALL EXISTING FIRE PROTECTION SPRINKLER PIPE AND HEADS TO DEMOLITION LIMIT AND CAP.
- 3 REMOVE ALL EXISTING GAS, AIR AND VACUUM PIPE TO DEMOLITION LIMIT AND CAP.
- REMOVE ALL EXISTING FLOOR DRAINS AND SOIL, WASTE AND VENT PIPE TO DEMOLITION LIMIT AND CAP VENT PIPE.

Ø

- REMOVE EXISTING ACID DILUTION TANK AND ALL EXISTING ACID WASTE AND ACID VENT PIPE.
- 6 REMOVE EXISTING DOWNSPOUTS AND STORM PIPE.
- REMOVE EXISTING FLOOR DRAINS AND PIPE TO THIS POINT AND CAP.
- REMOVE EXISTING DOWNSPOUTS AND DRAIN PIPE TO THIS POINT AND CAP.
- 9 REMOVE EXISTING STORM GRATES.
- 10 REMOVE EXISTING STORM MANHOLE. 11 REMOVE EXISTING STORM PIPE TO THIS POINT. EXISTING DOWNSPOUT TO

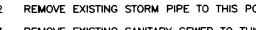
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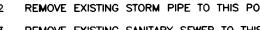
- 12 REMOVE EXISTING STORM PIPE TO THIS POINT.
- 13 REMOVE EXISTING SANITARY SEWER TO THIS POINT.

-2" WATER





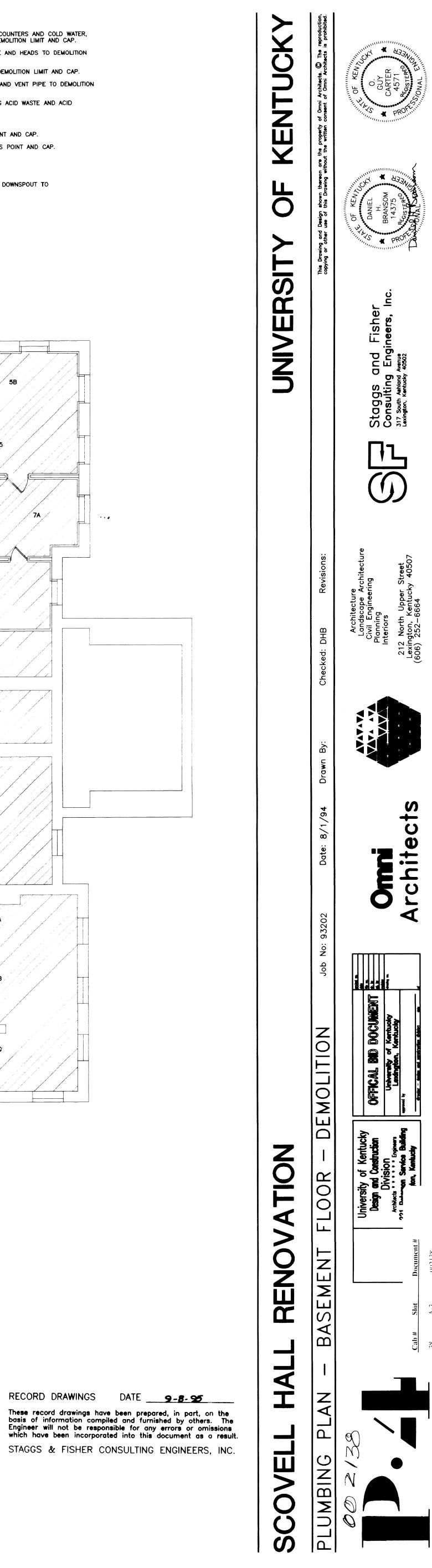




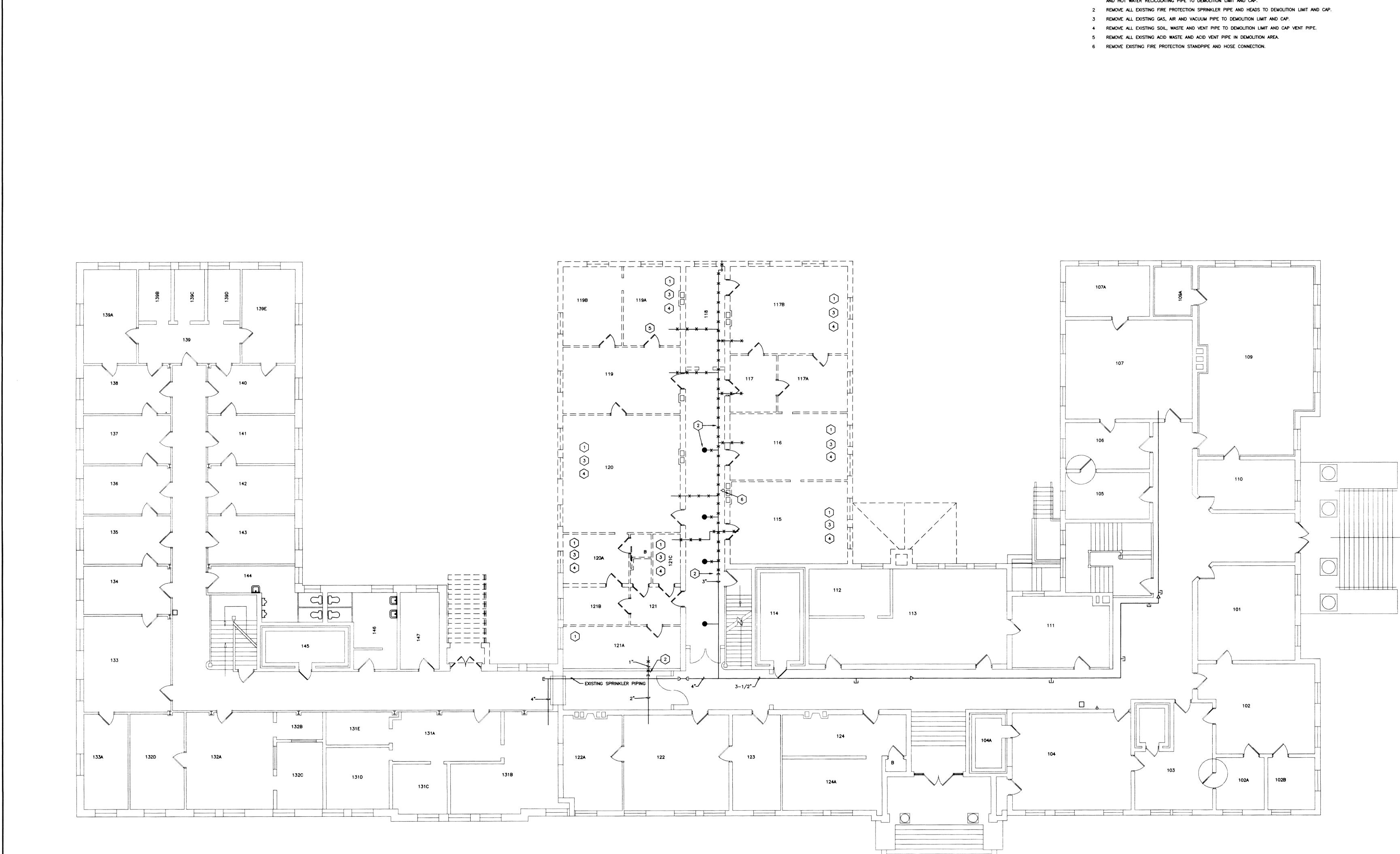








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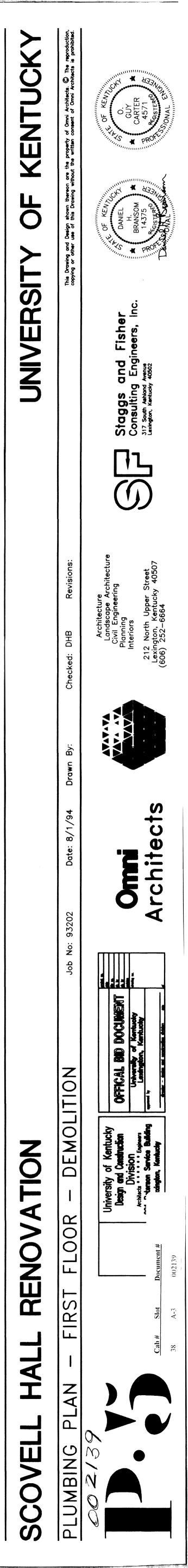
SCALE : $1/8^{\circ} = 1'-0^{\circ}$

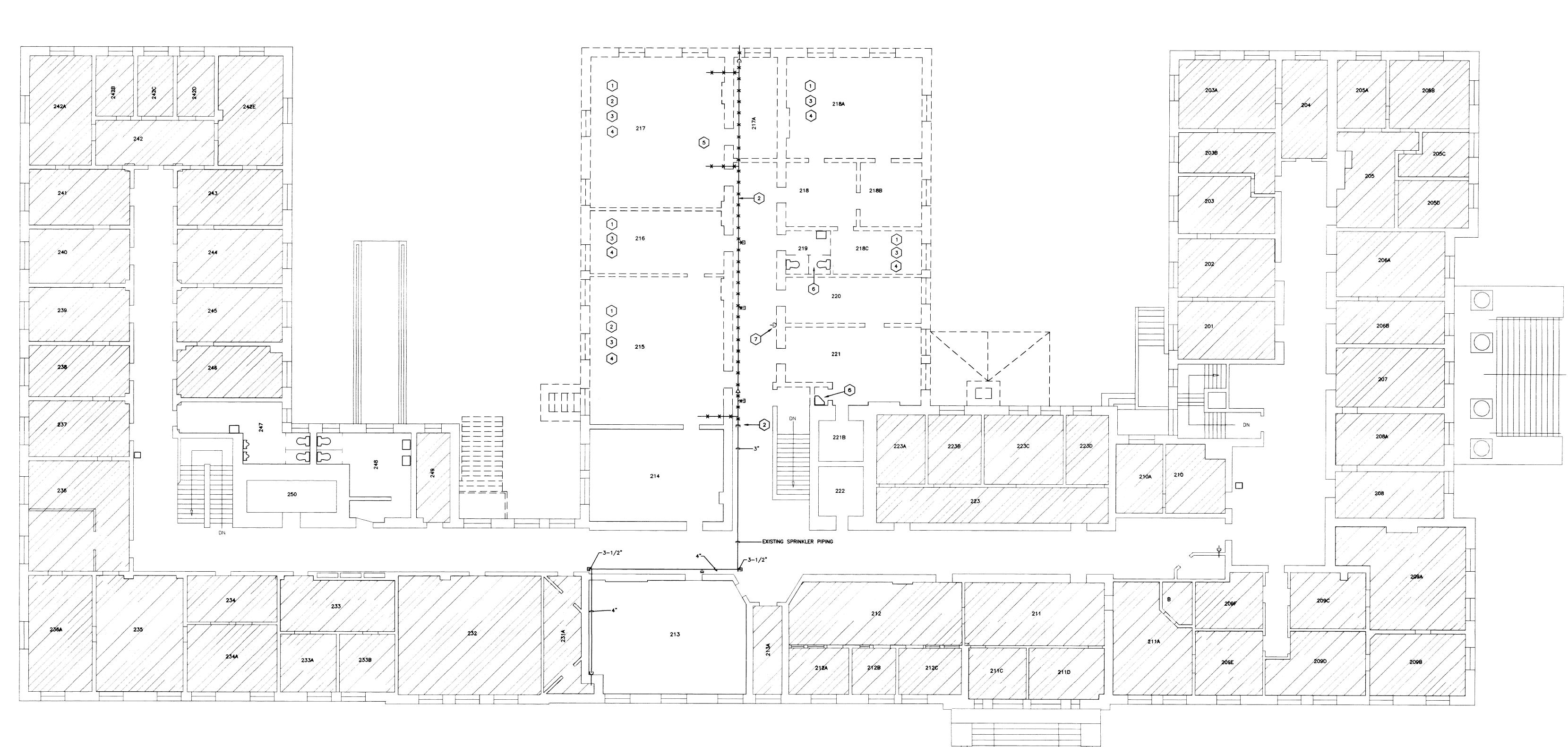


- CODED NOTES-DRAWING P5
- REMOVE ALL EXISTING LABORATORY SINKS, CUP SINKS, COUNTERS AND COLD WATER, HOT WATER AND HOT WATER RECICULATING PIPE TO DEMOLITION LIMIT AND CAP.

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CONCEPTION FRANCES AND A



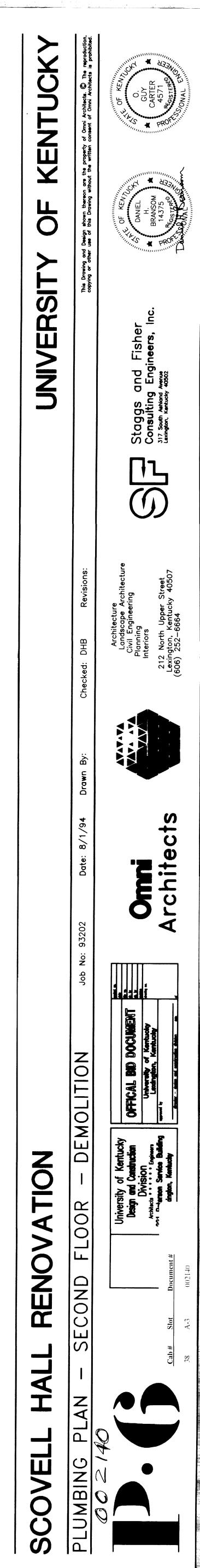


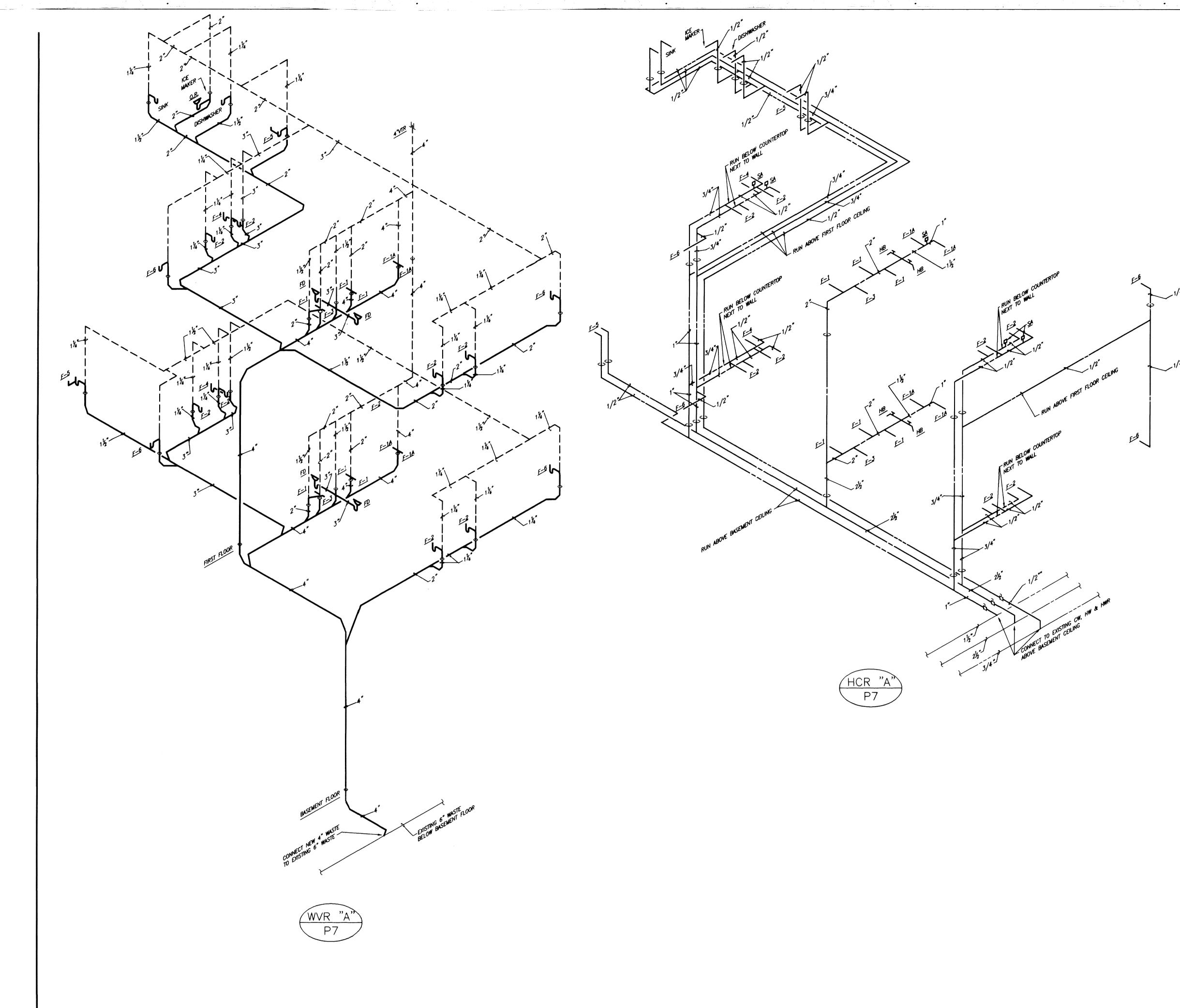
SCALE: 1/8"=1'-0"

_____ PLUMBING PLAN - SECOND FLOOR - DEMOLITION 000

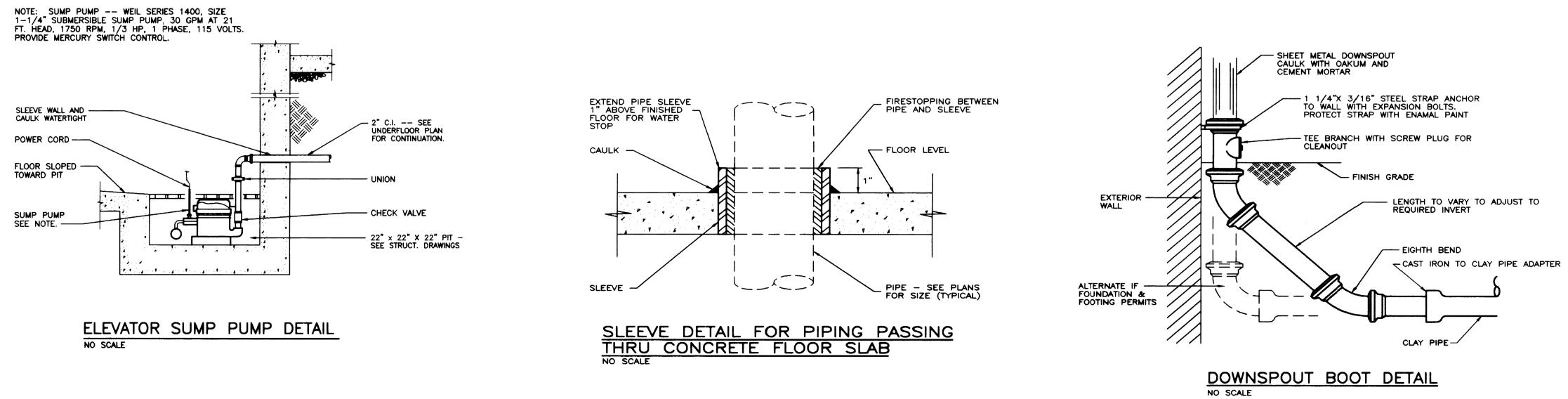
- CODED NOTES-DRAWING P6
- REMOVE ALL EXISTING LABORATORY SINKS, CUP SINKS, COUNTERS AND COLD WATER, HOT WATER AND HOT WATER RECIRCULATING PIPE TO DEMOLITION LIMIT AND CAP.
- REMOVE ALL EXISTING FIRE PROTECTION SPRINKLER PIPE AND HEADS TO DEMOLITION LIMIT AND CAP.
- 3 REMOVE ALL EXISTING GAS, AIR AND VACUUM PIPE TO DEMOLITION LIMIT AND CAP. 4 REMOVE ALL EXISTING SOIL, WASTE AND VENT PIPE TO DEMOLITION LIMIT AND CAP VENT PIPE
- 5 REMOVE ALL EXISTING ACID WASTE AND ACID VENT PIPE IN DEMOLITION AREA.
- REMOVE EXISTING PLUMBING FIXTURES, TRIM AND COLD WATER, HOT WATER, SOIL, WASTE AND VENT PIPE.
- 7 REMOVE EXISTING FIRE PROTECTION STANDPIPE AND HOSE CONNECTION.

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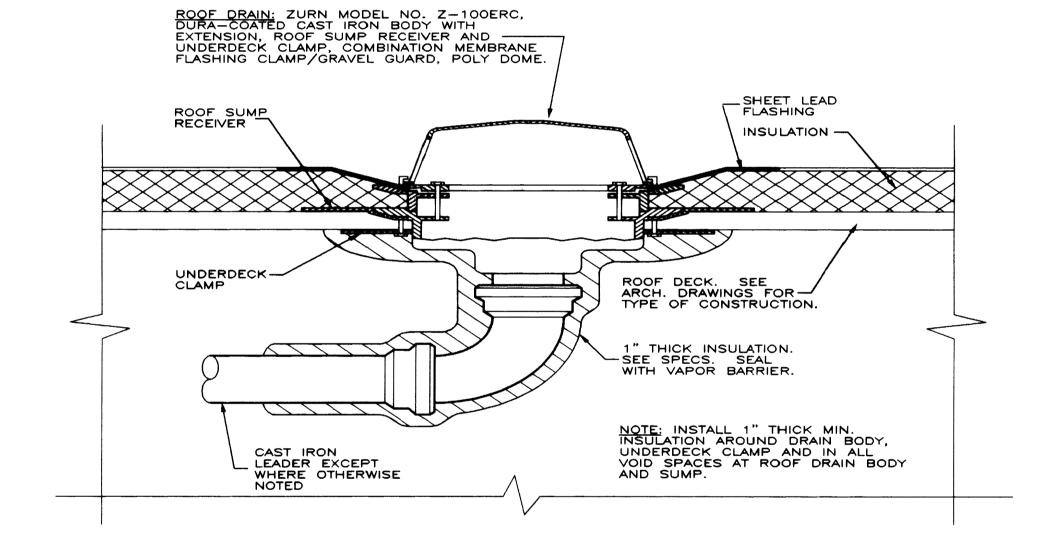








ROOF DRAIN INSTALLATION DETAIL



······	NEW SANITARY OR WASTE PIPE
	VENT PIPE
	EXISTING COLD WATER
	EXISTING HOT WATER
	NEW COLD WATER
	NEW HOT WATER
ð	BALL VALVE
o	ELBOW (UP)
ə	ELBOW (DOWN)
	ELBOW (SIDE)
0	TEE (UP)
	TEE (DOWN)
	TEE (SIDE)
— т _{нв}	HOSE BIBB
C.O.	CLEANOUT
F.D.	FLOOR DRAIN
с w	COLD WATER
HW	HOT WATER
VTR	VENT THRU ROOF
SA	SHOCK ARRESTOR
	PIPE AND EQUIPMENT TO BE REMOVED
RL	RAIN LEADER
WVR "A" P7	WASTE AND VENT RISER "A"/SHEET NO. P7
O.R.	OPEN RECEPTACLE

PLUMBING LEGEND

EXISTING SANITARY OR WASTE PIPE

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FIXTURE SCHEDULE AND ROUGHING-IN REQUIREMENTS: A F-1 WATER CLOSET (WALL HUNG) -- 15" FROM FLOOR TO EDGE OF BOWL.

•

- B F-1A WATER CLOSET (WALL HUNG HANDICAPPED MOUNTING) -- 18" FROM FLOOR TO TOP OF SET.

- F-2 LAVATORY -- LAVATORY MOUNTED IN COUNTERTOP. SEE ARCHITECTURAL DRAWINGS.
- - F-3 URINAL (HANDICAPPED MOUNTING) -- 17" FROM FLOOR TO TOP EDGE OF RECEPTOR (RIM OF BASIN).

 - E F-4 MOP BASIN -- 24" FROM FLOOR TO CENTERLINE OF SUPPLIES.

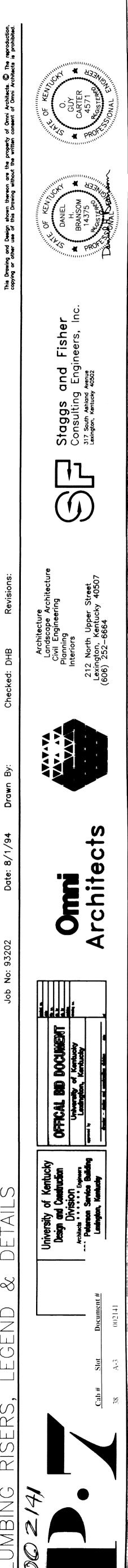
 - F F-5 KITCHEN SINK -- SINK MOUNTED IN COUNTERTOP. SEE ARCHITECTURAL DRAWINGS.

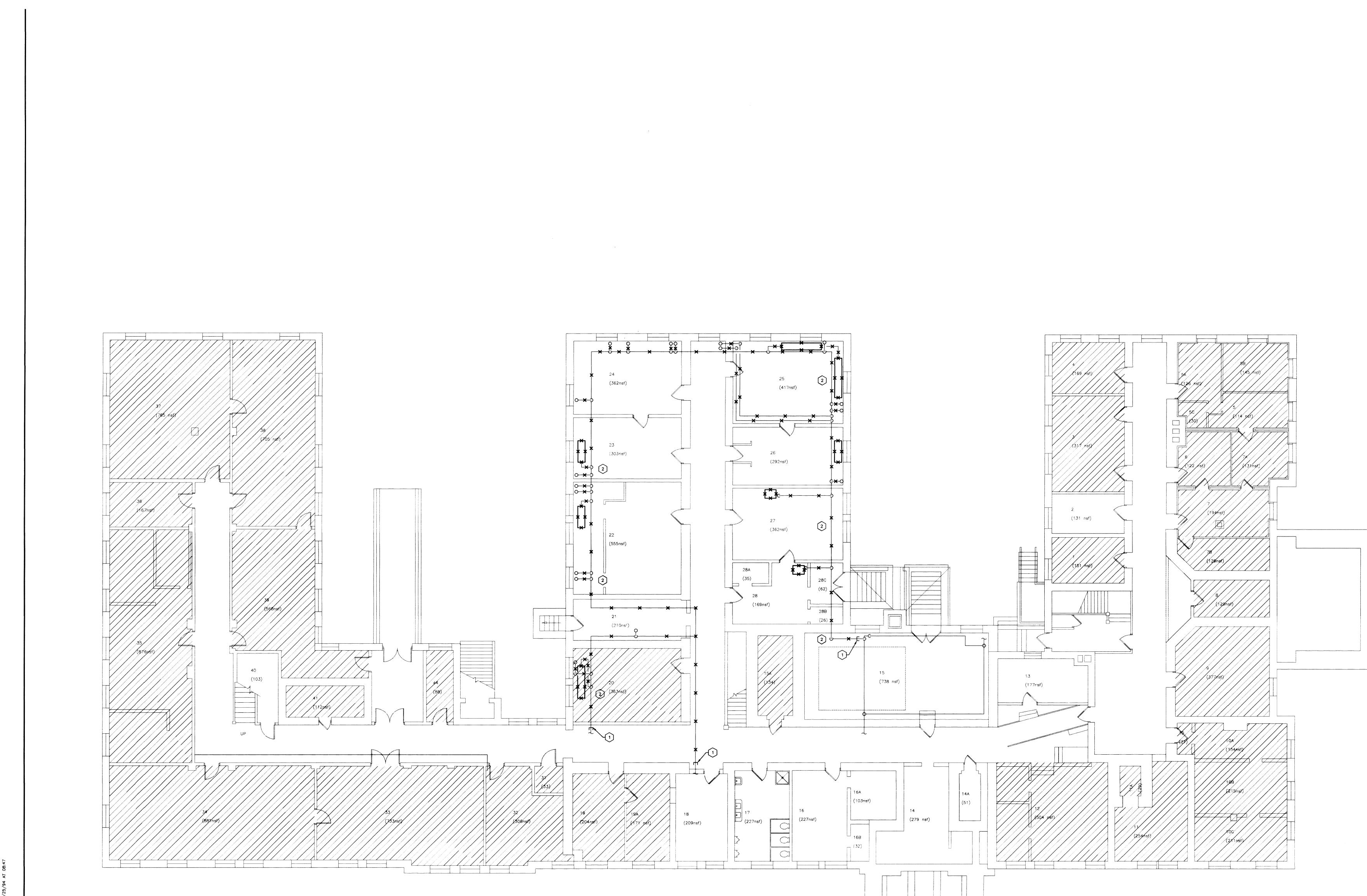
 - G F-6 ELECTRIC WATER COOLER -- 28" FROM FLOOR TO TOP EDGE OF RECEPTOR.

 - H F-6A ELECTRIC WATER COOLER (HANDICAPPED MOUNTING) --36" FROM FLOOR TO SPOUT.



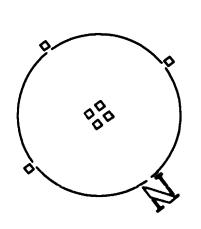




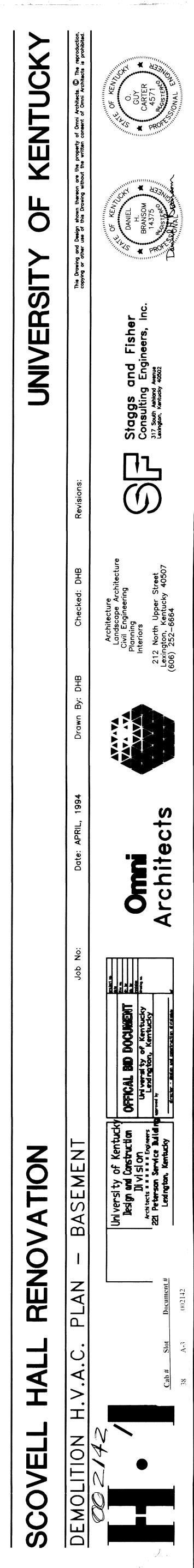


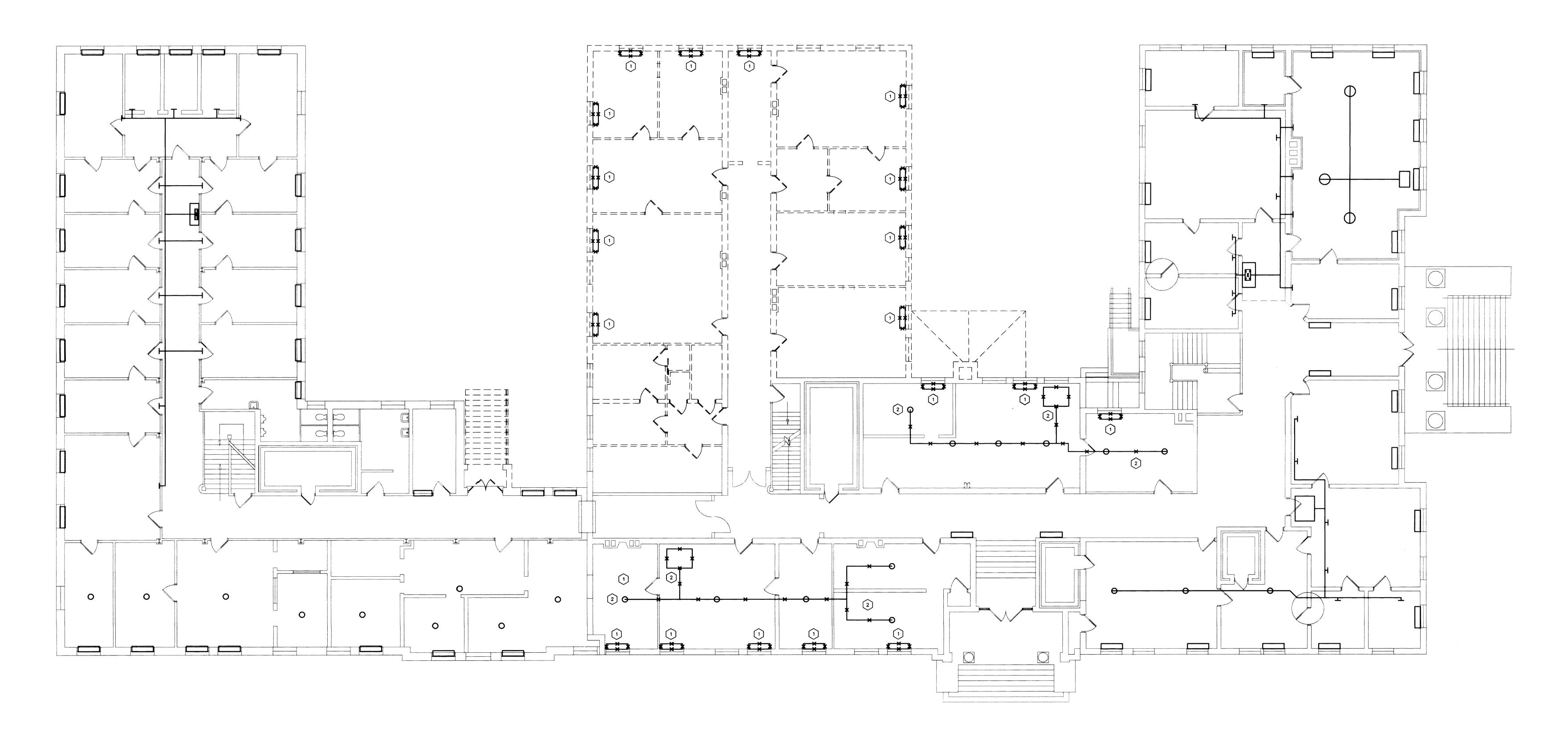


DEMOLITION H.V.A.C. PLAN – BASEMENT



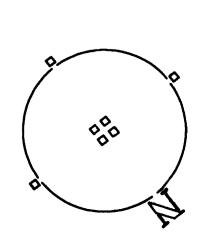
CODED NOTES : 1 CAP EXISTING STEAM LINE. 2







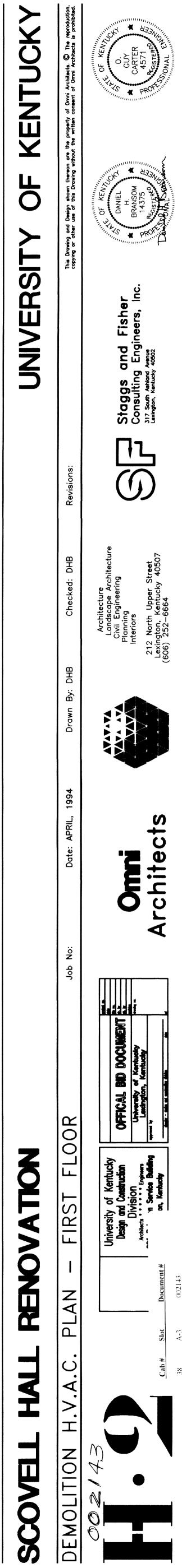
DEMOLITION H.V.A.C. PLAN - FIRST FLOOR

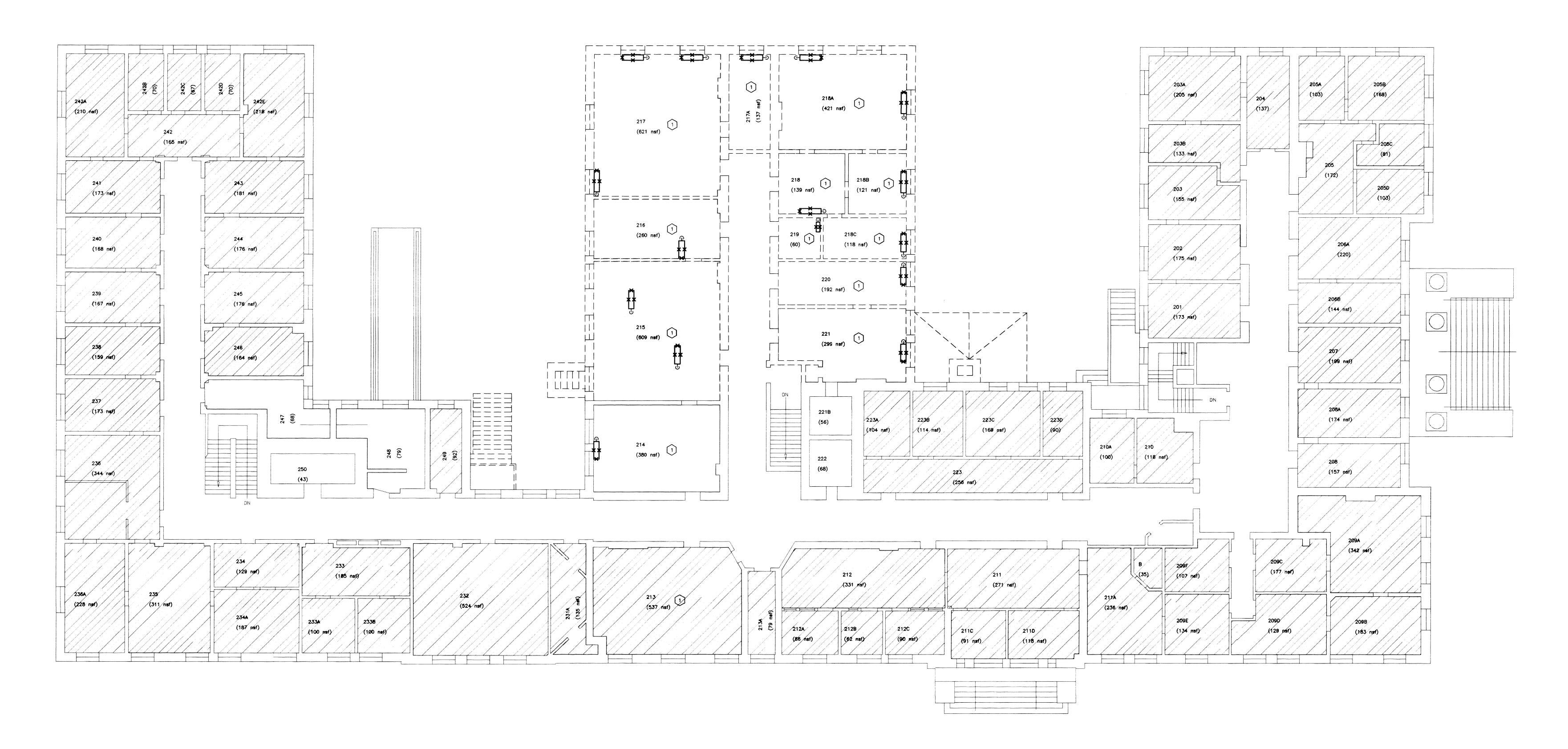


\bigcirc	<u>CODED NOTES :</u>
1	REMOVE STEAM H
2	REMOVE EXISTING REMOVE RELATED

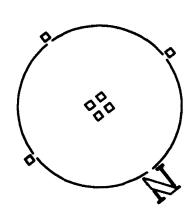
STEAM HEATING EQUIPMENT AND RELATED PIPING IN THIS AREA. CAP LINES AT MAIN. EXISTING AIR CONDUCTOR EQUIPMENT, DUCT, RELATED PIPING AND CONTROL WIRING. RELATED CONDENSING UNIT.

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DEMOLITION H.V.A.C. PLAN - SECOND FLOOR SCALE : 1/8" = 1'-0"

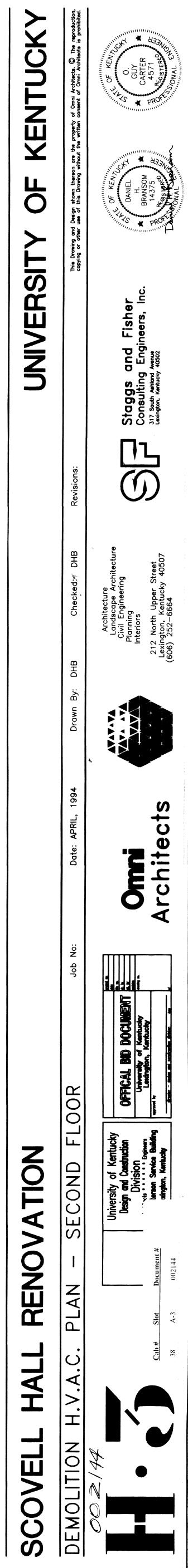


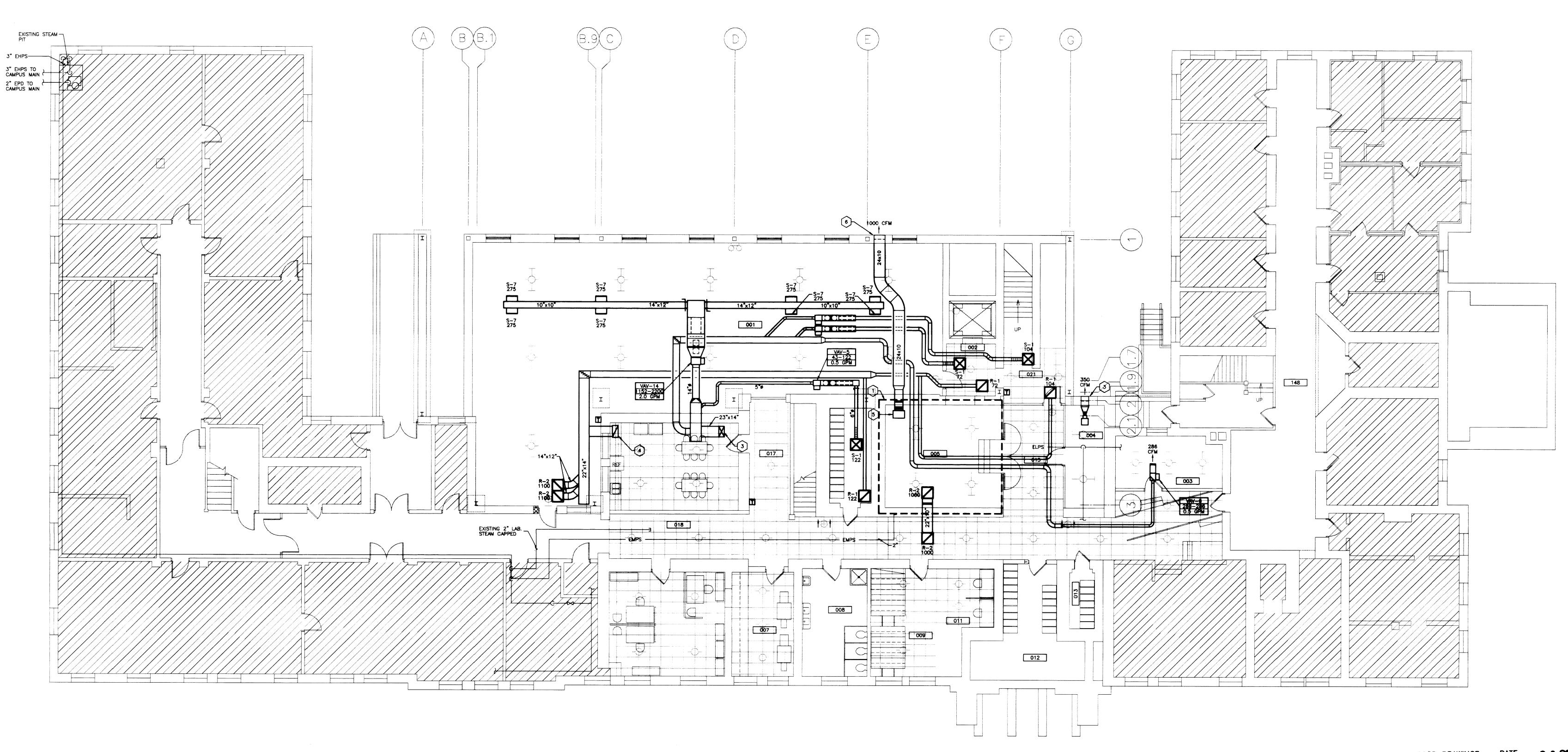
CODED NOTES :

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1 REMOVE STEAM HEATING AND RELATED PIPING IN THIS AREA. CAP LINES AT MAIN.

-

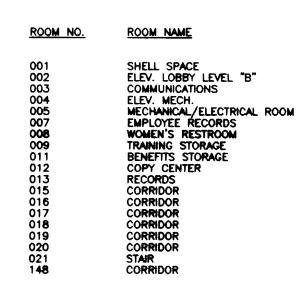


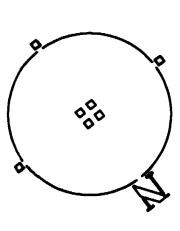


VARIABLE AIR VOLUME UNIT DUCT SIZING

211111		REHEAT COIL	
UNIT SIZE	INLET DUCT SIZE	SOUND TRAP	OUTLET
VAV-5	5"ø	ST-1	12x9
VAV-6	6*#	ST-1	12x9
VAV-8	8*#	ST-2	15x1
VAV-10	10*	ST-3	21x1
VAV-12	12*	ST-4	27x1
VAV-14	14 * ø	ST-5	36x1

JCT





CODED NOTES :

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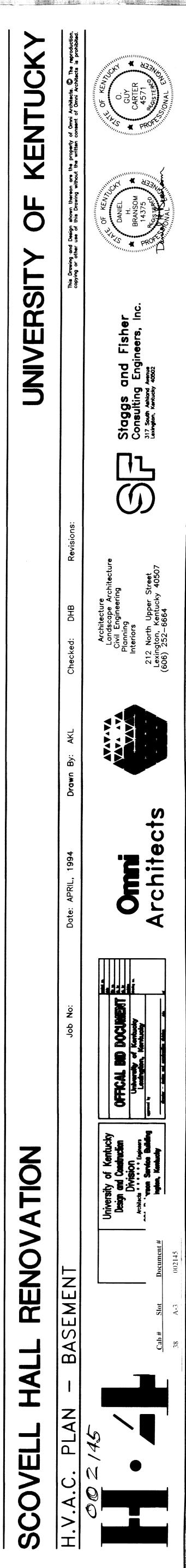
BRICK VENT, 16x8, 0.1" S.P.D. AT 350 CFM. MAIN RETURN AIR DUCT UP TO ABOVE. (SEE H-5 FOR CONTINUATION). EF-1 LOCATED IN MECHANICAL ROOM. SUPPORT FOR STRUCTURE AND INSTALL AS HIGH AS POSSIBLE.

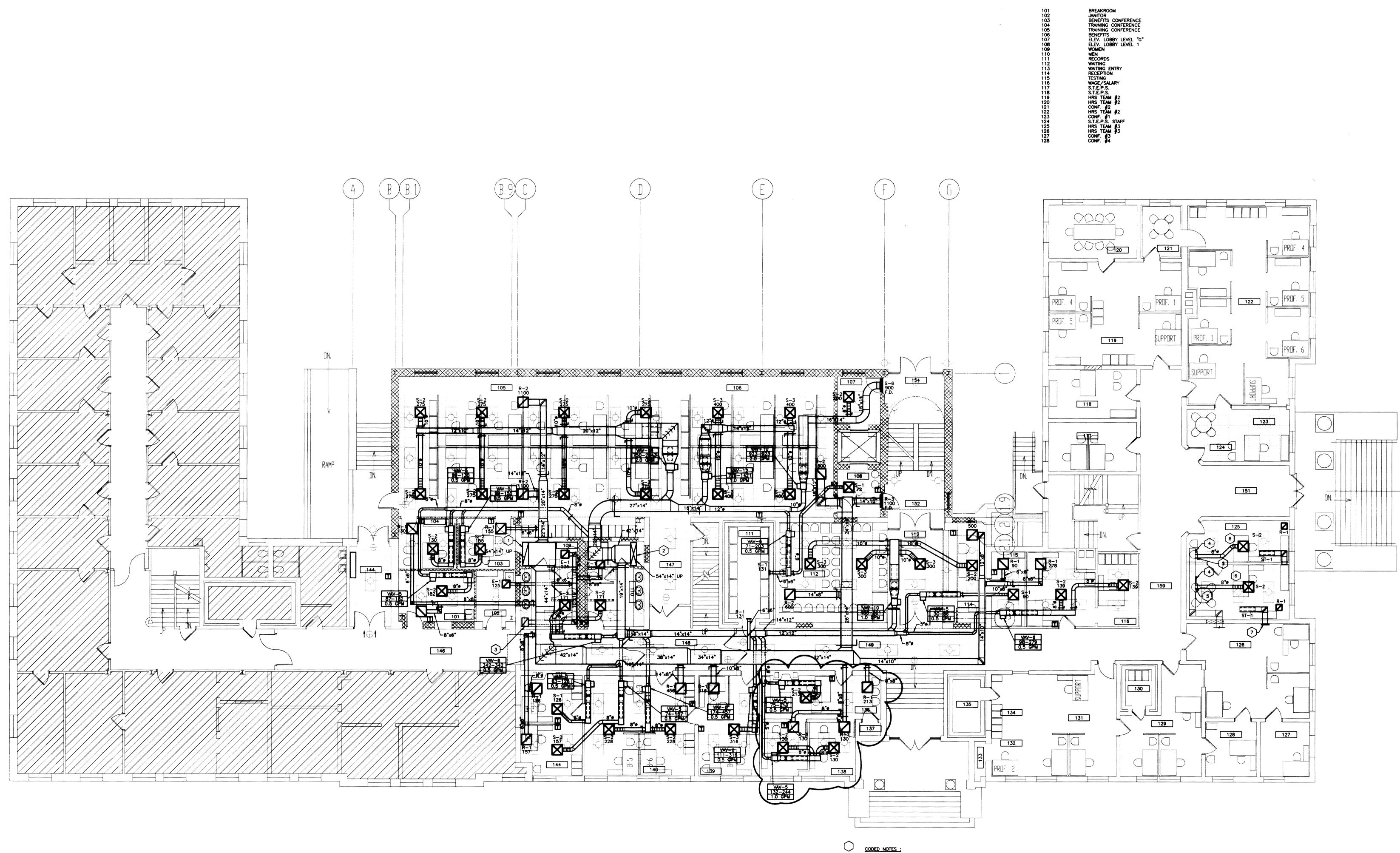
SEE ENLARGED MECHANICAL ROOM - HYDRONIC PIPING PLAN IN THIS AREA. (SHEET H-7).

MAIN PRIMARY SUPPLY AIR DUCT UP TO ABOVE. (SEE H-5 FOR CONTINUATION).

6 BRICK VENT, 25x12, 0.1" S.P.D. AT 1000 CFM.

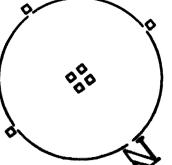
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and the second second



1 MAIN RETURN AIR DUCT RUN UP & DOWN. MAIN PRIMARY SUPPLY AIR DUCT RUN UP & DOWN. EXHAUST AIR DUCT RUN UP & DOWN. REMOVE AND BLANK OFF EXITING REGISTERS IN EXISTING DUCT. 4 5 CONNECT NEW DUCT TO EXITING DUCT.

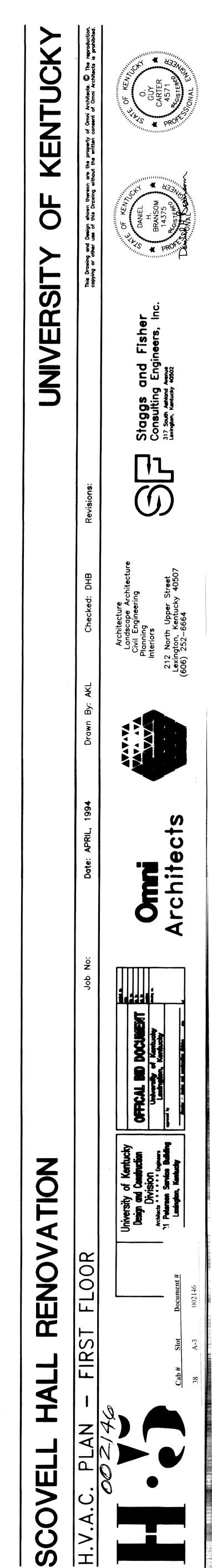
MEASURE SUPPLY AIR FLOW BEFORE DOING ANY WORK AND BALANCE NEW SUPPLY DIFFUSER FOR THE SAME AIR FLOW. 6

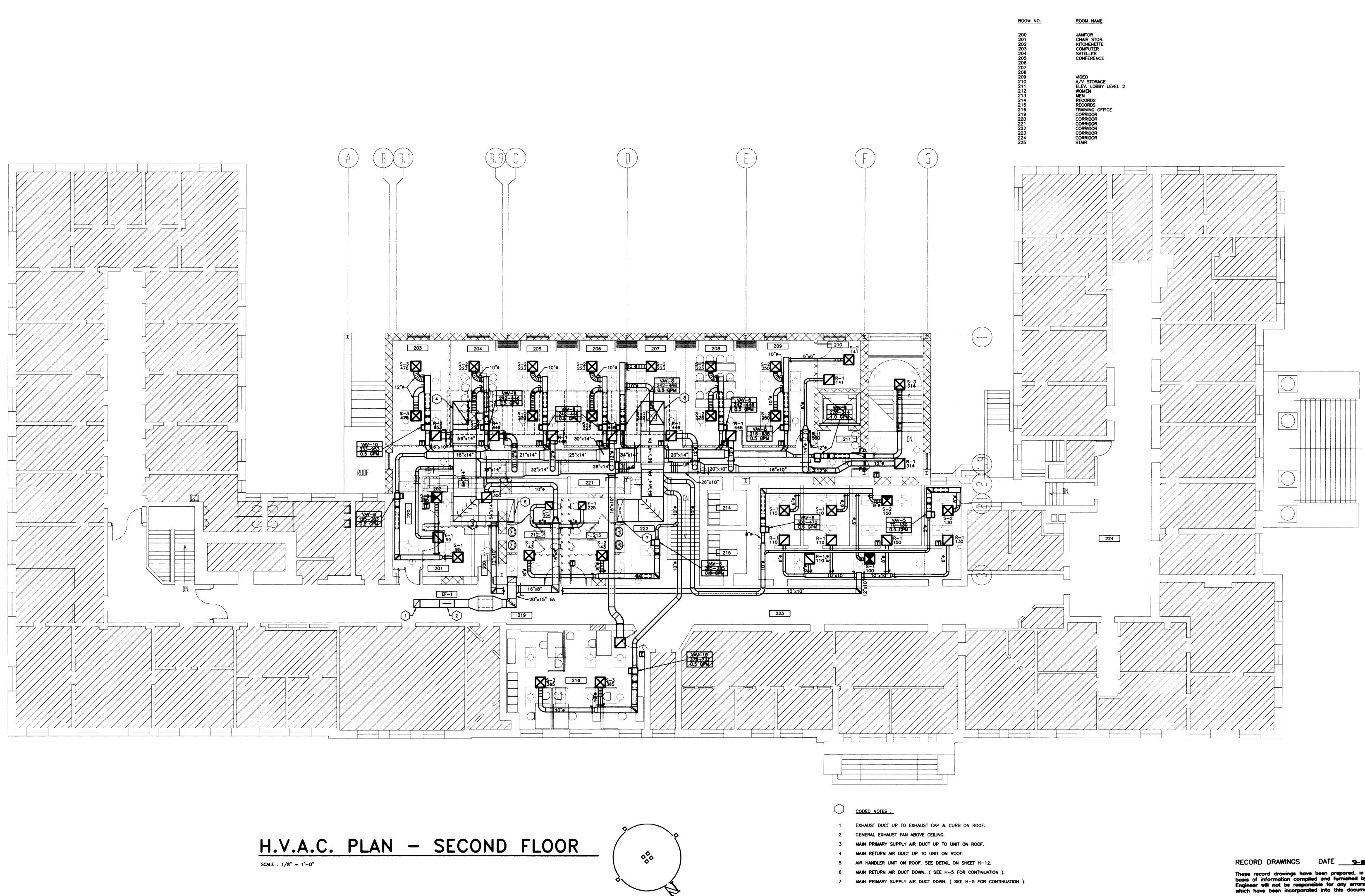
7 NEW 12"x9" RETURN REGISTER (SAME MODEL AS R-1).

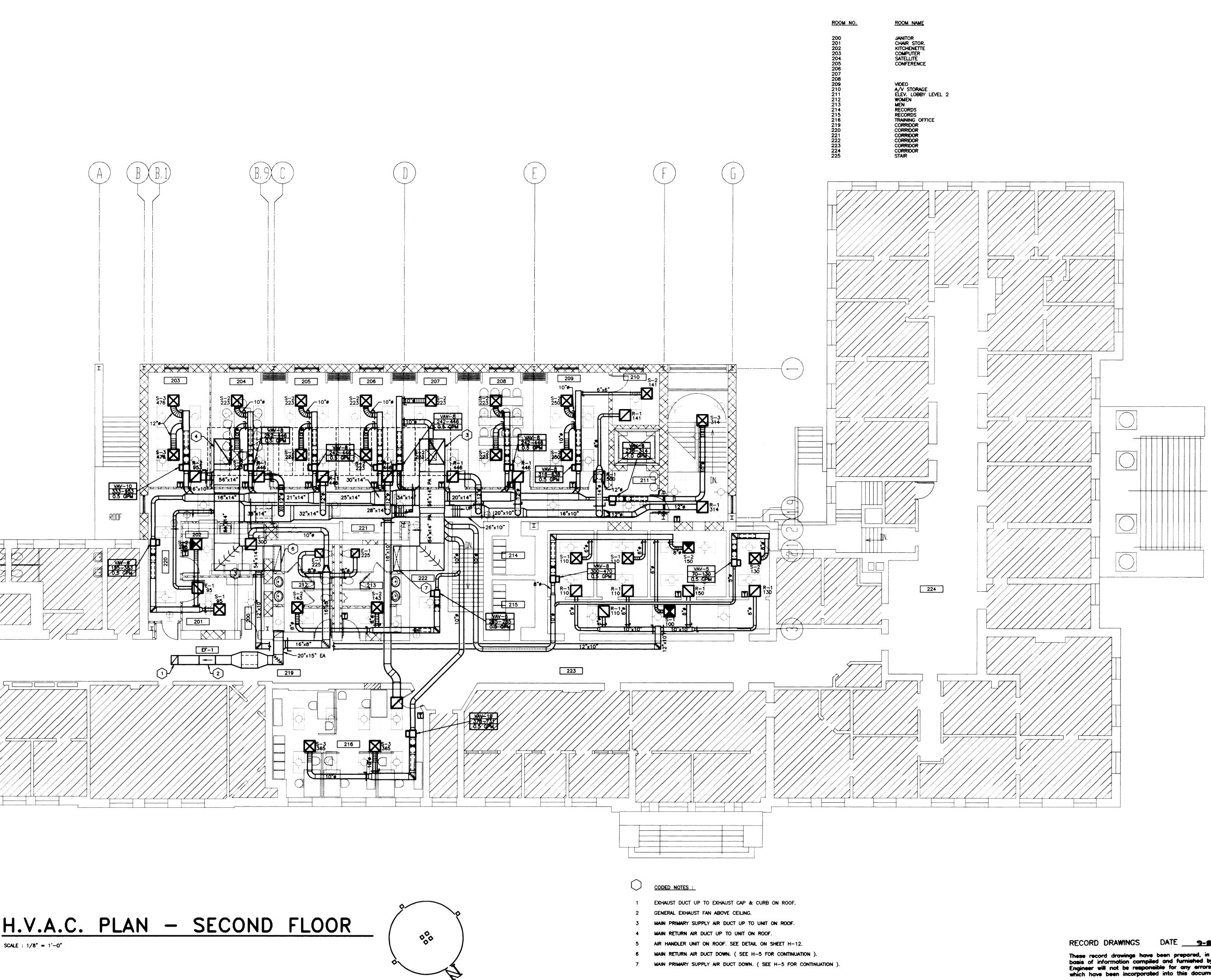
ROOM N

ROOM NAM

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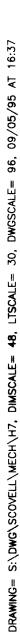




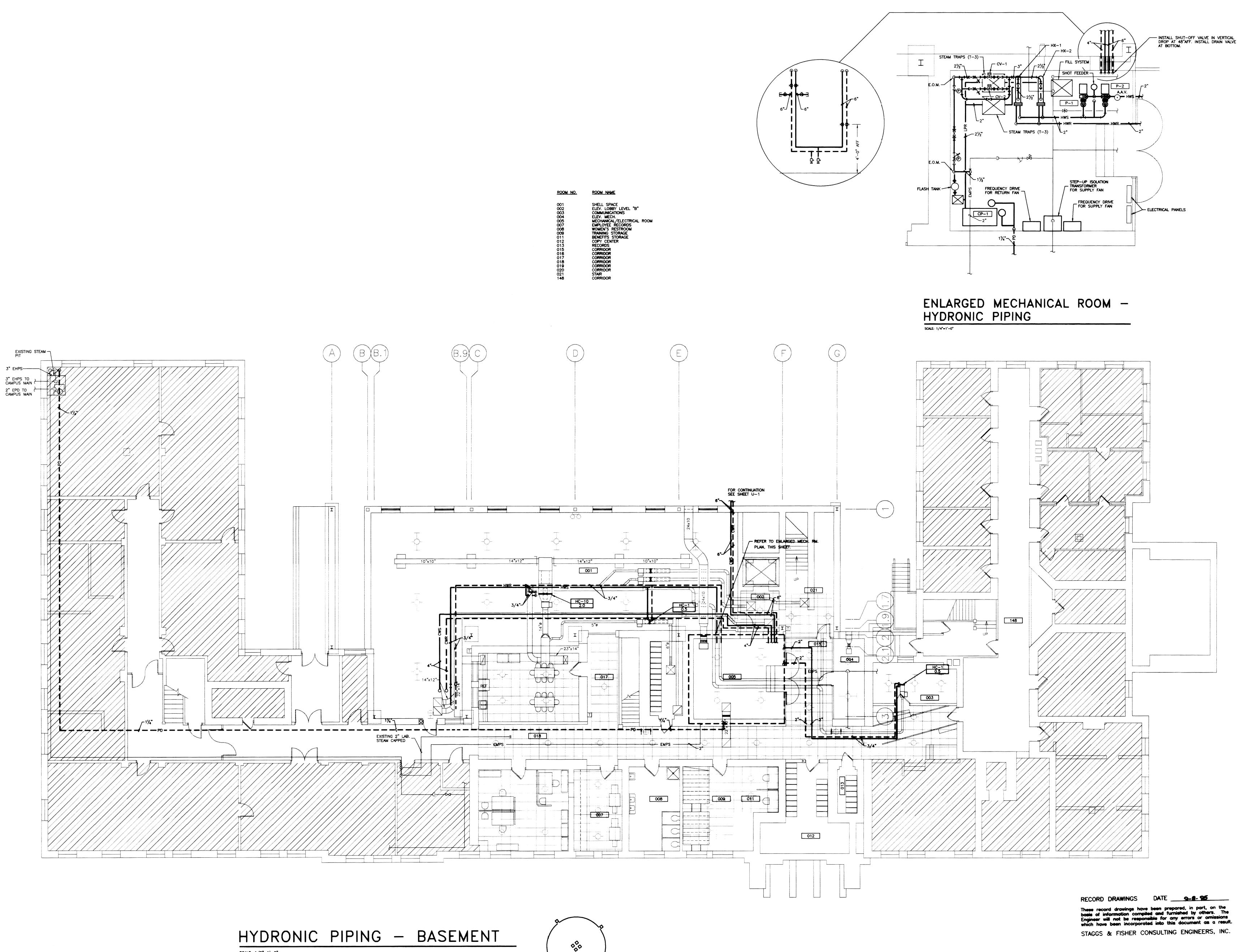


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SCOVELL HALL RENOVATION				UNVERS	SITY OF KENTUCKY
H.V.A.C. PLAN - SECOND FLOOR	No: Date: APRIL, 1994	4 Drawn By: AKL	Checked: DHB	Revisions:	This Drawing and Design shown thereon are the property of Omni Architects. © The reproduction, copying or other use of this Drawing without the written consent of Omni Architects is prohibited.
Image: Signed state of the si	Omi Architects		Architecture Landscape Architecture Civil Engineering Planning Interiors 212 North Upper Street Lexington, Kentucky 40507 (606) 252–6664	Staggs and Fisher Consulting Engineers, Inc. 317 South Antiona Amenue Laxington, Kentucky 40302	PANEL CARTER CAR



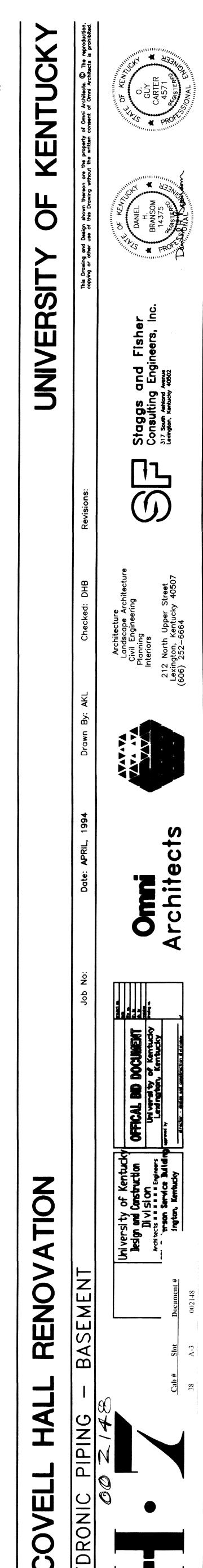




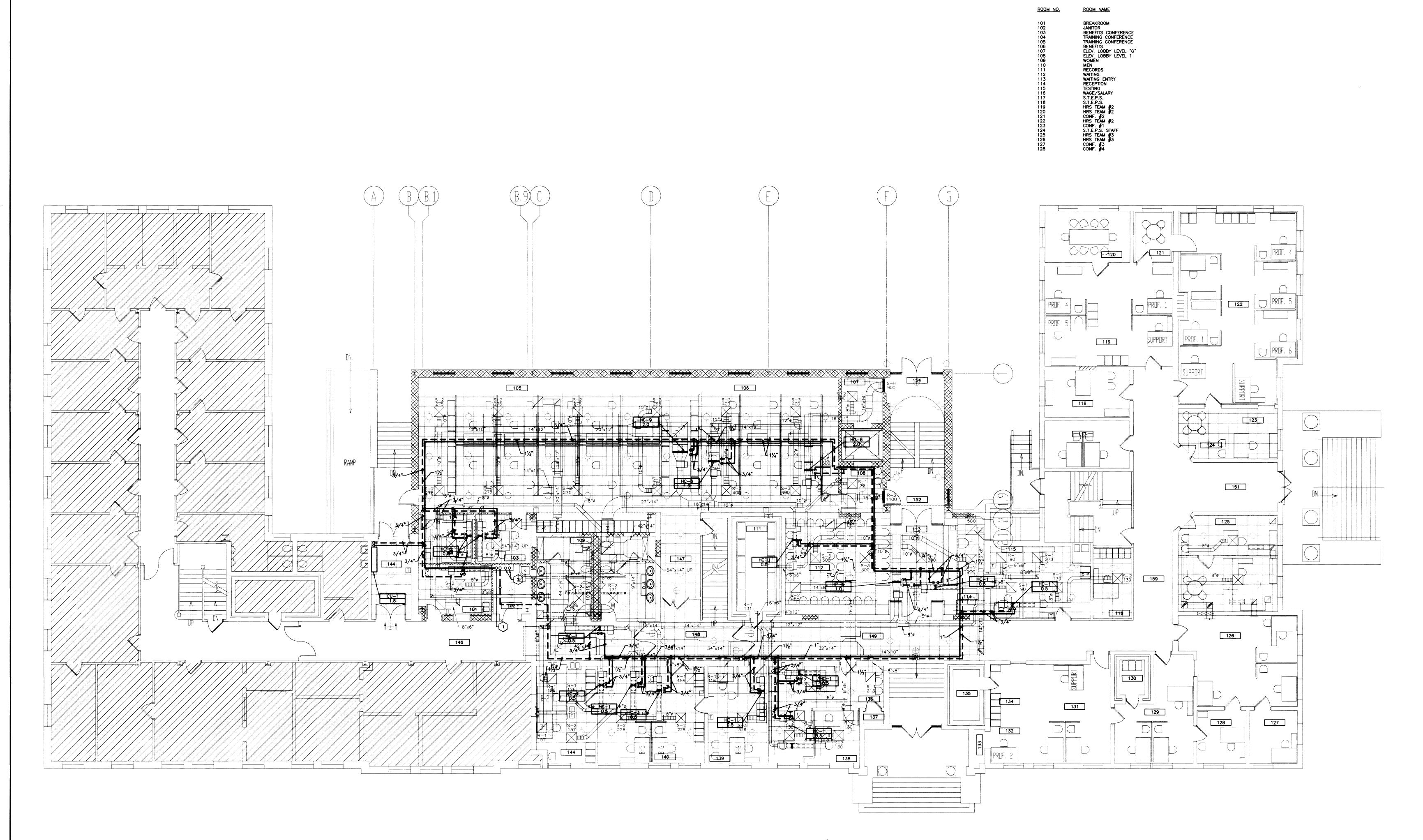
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9-8-95 vese record drawings have been prepared, in part, on the wis of information compiled and furnished by others. The gineer will not be responsible for any errors or omissions ch have been incorporated into this document as a result. STAGGS & FISHER CONSULTING ENGINEERS, INC.

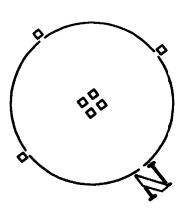
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HYDRONIC PIPING - FIRST FLOOR SCALE: 1/8"=1'-0"

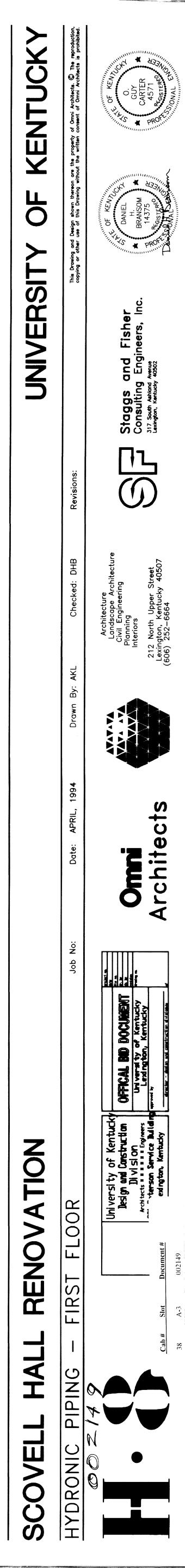


 \bigcirc <u>CODED NOTES :</u>

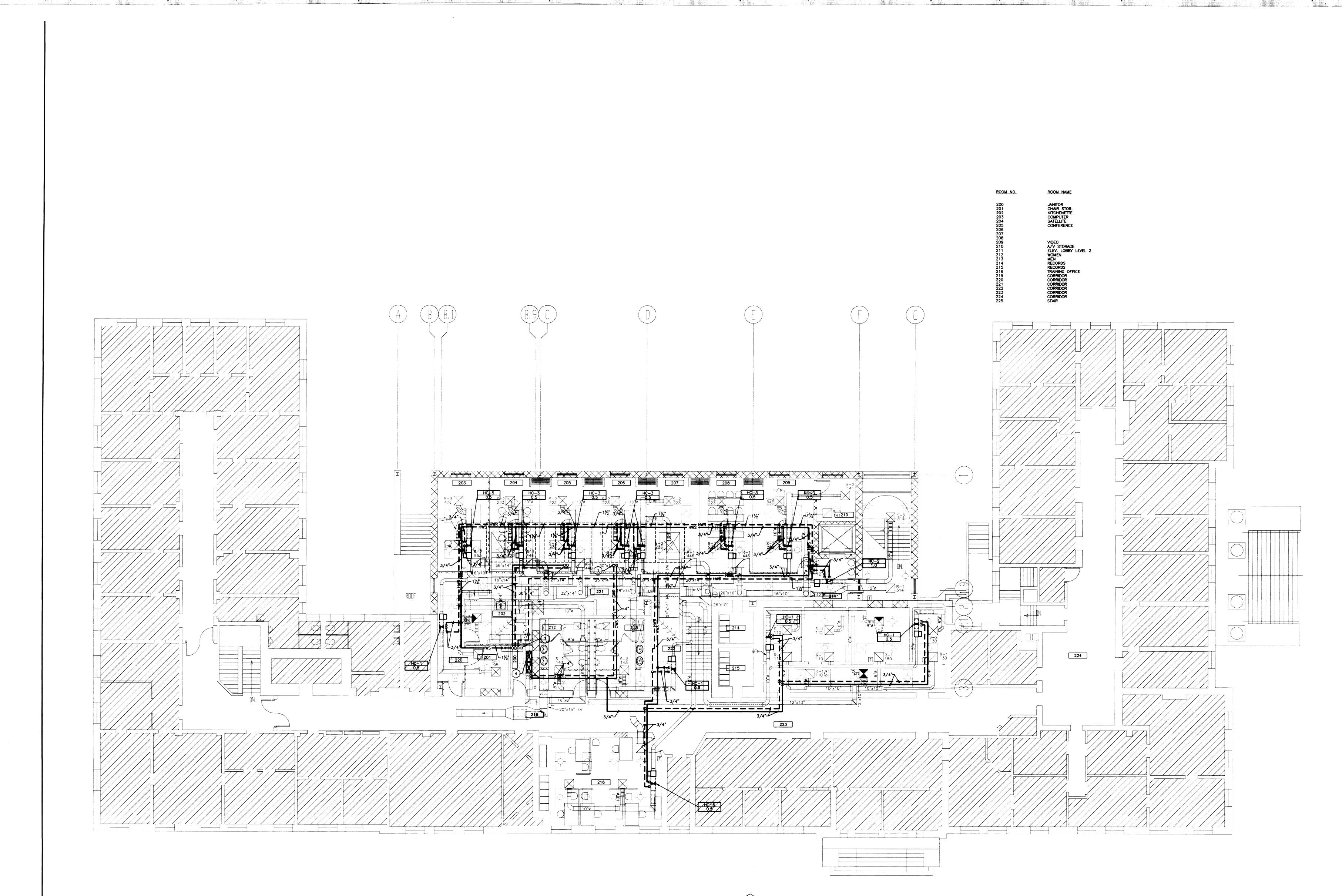
1 2" HWS & HWR PIPING DOWN TO BASEMENT, AND 1-1/2" HWS & HWR UP TO SECOND FLOOR.

2 4" CWS & CWR PIPING RUN UP AND DOWN.

RECORD DRAWINGS DATE _____ cord drawings have been prepared, basis of information compiled and furnished by others. The Engineer will not be responsible for any errors or omissions which have been incorporated into this document as a result. STAGGS & FISHER CONSULTING ENGINEERS, INC.



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HYDRONIC PIPING - SECOND FLOOR 000 CODED NOTES :

1 4" CWS & CWR PIPING UP TO AIR HANDLING UNIT COOLING COIL.

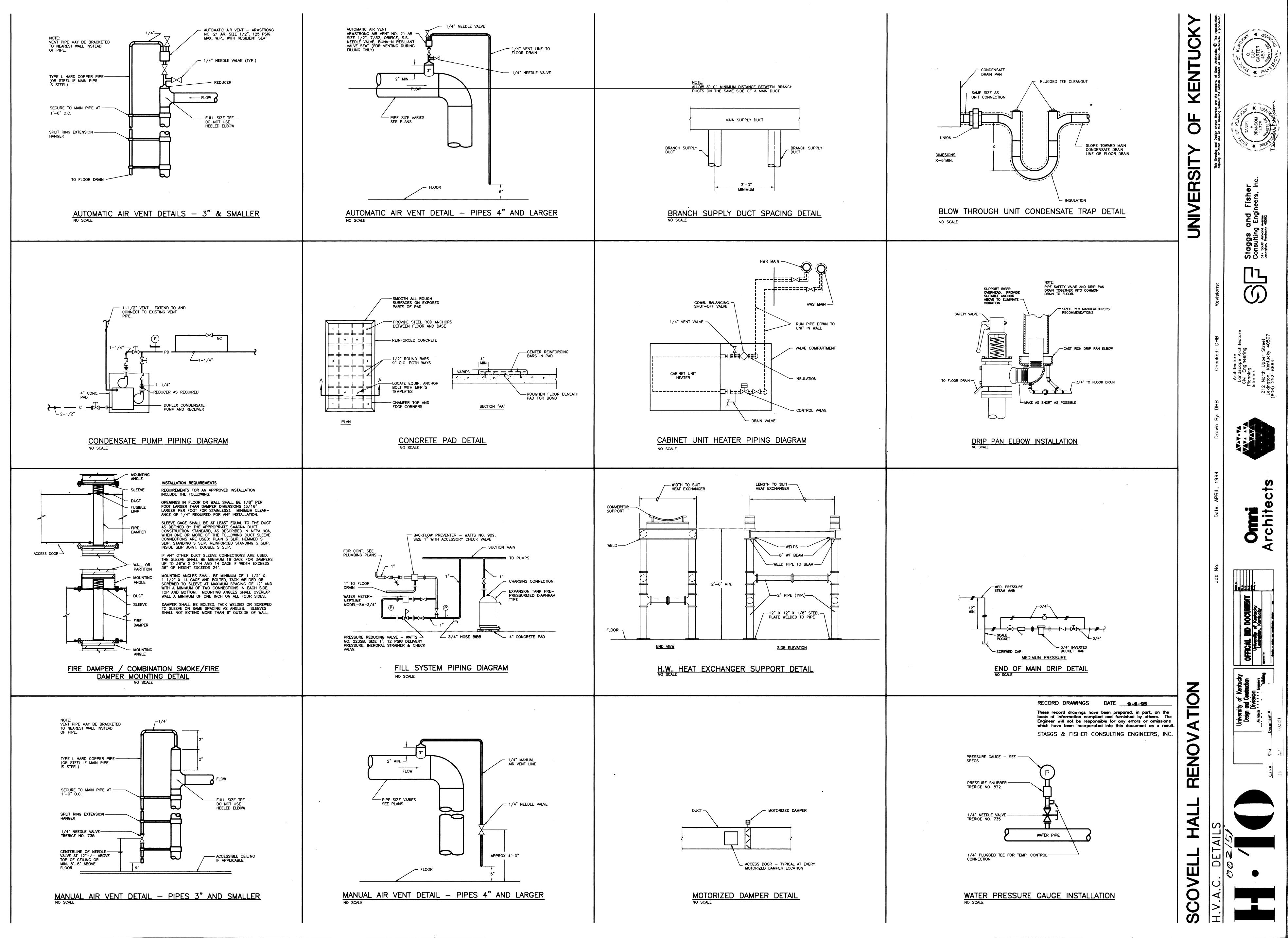
1-1/2" HWS & HWR PIPING UP TO AIR HANDLING UNIT HEATING COIL.

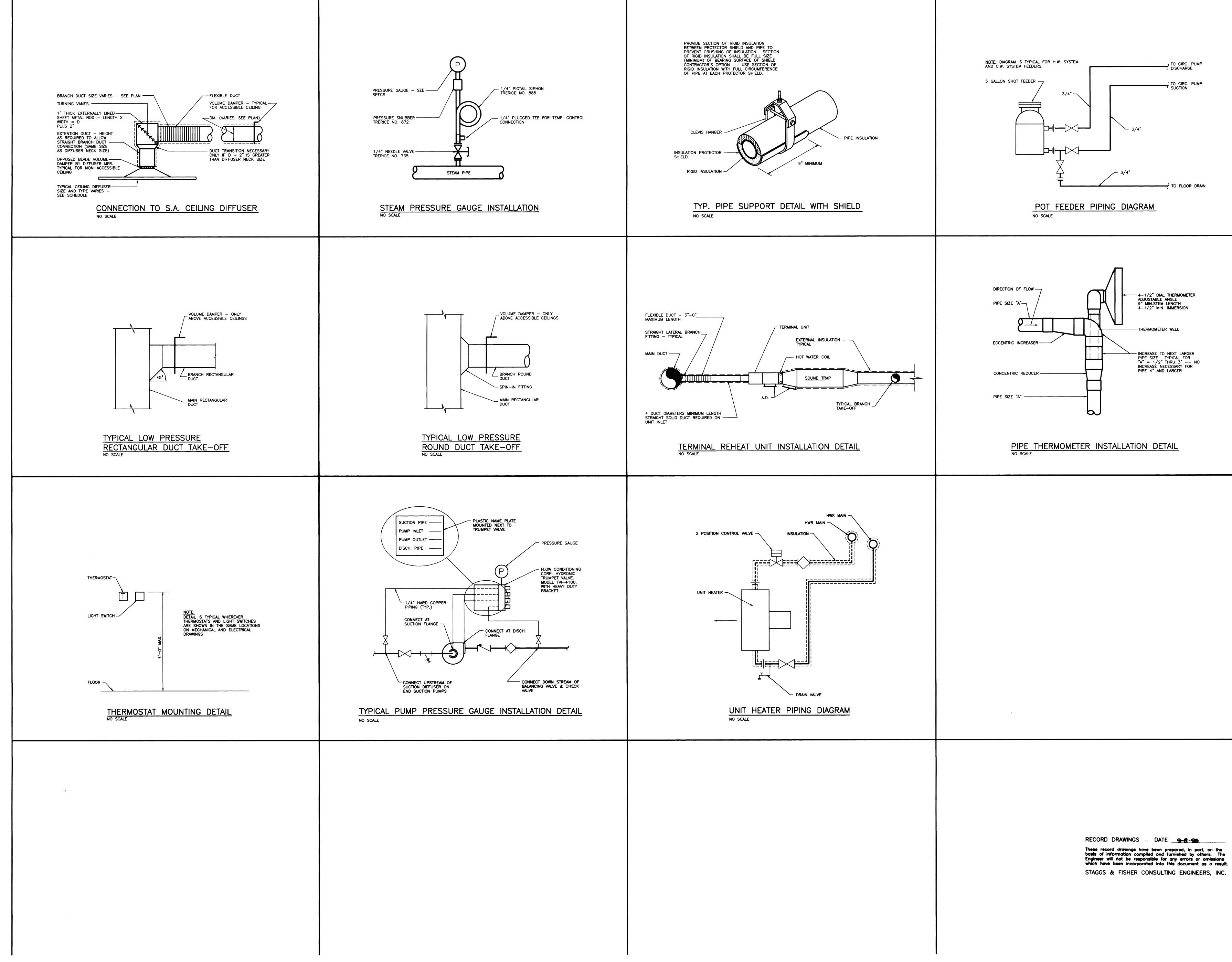
CHILLED WATER COIL PUMP & VALVING (SEE FLOW DIAGRAM ON H-12 4 HOT WATER COIL PUMP & VALVING (SEE FLOW DIAGRAM ON H-12).

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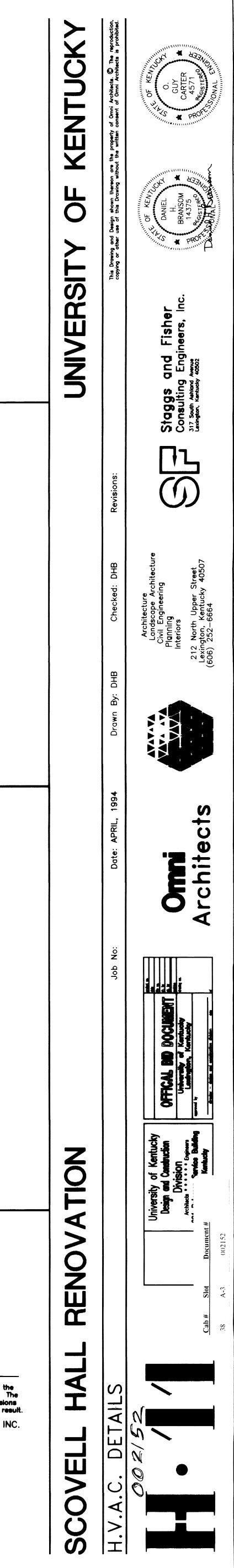
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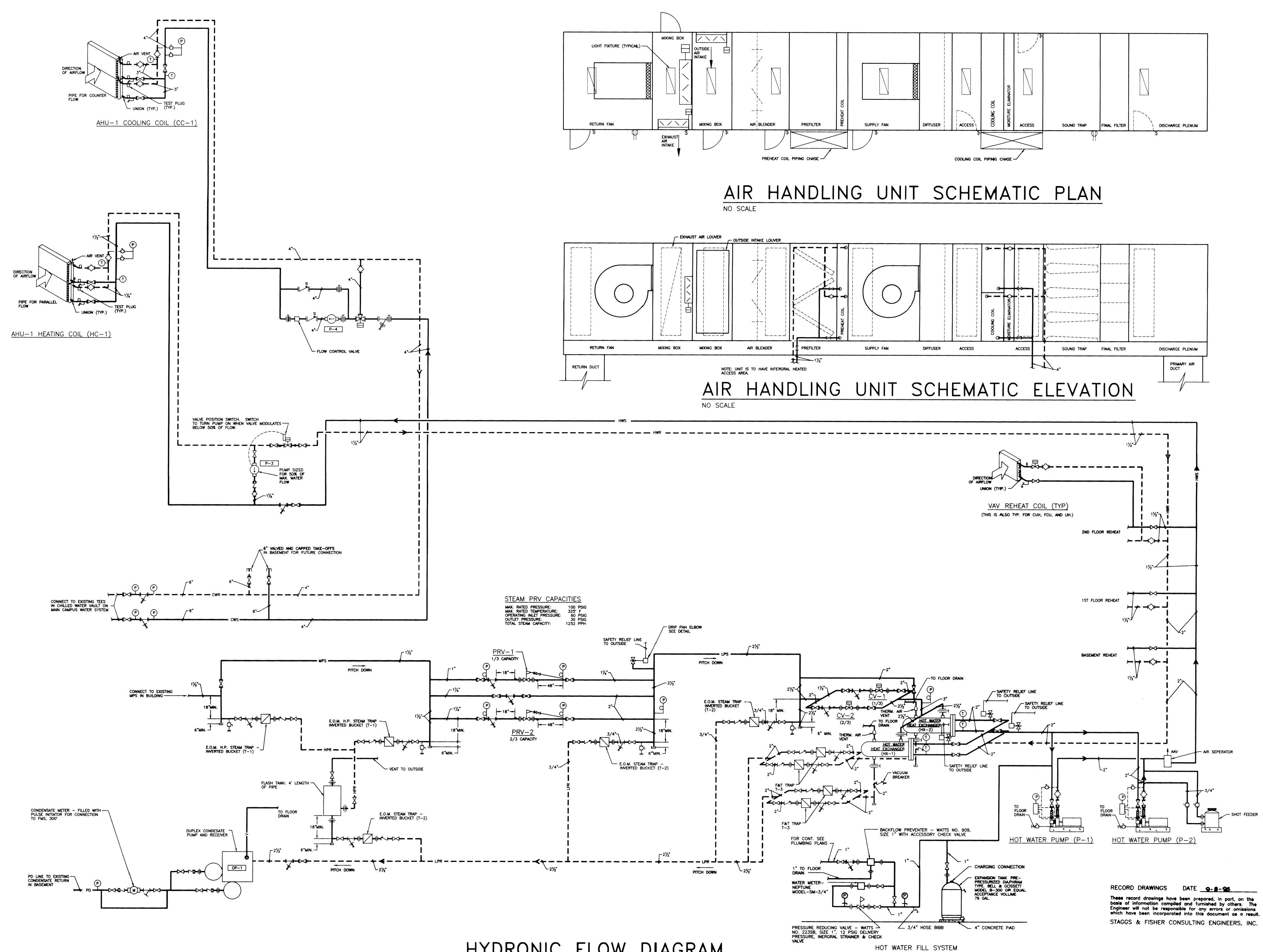
KENTUCI Б UNIVERSITY Staggs and Consulting Engi **P**の P In 212 Lexin (606) S C Archit ATION RENOV Ζ HALL SCOVELL



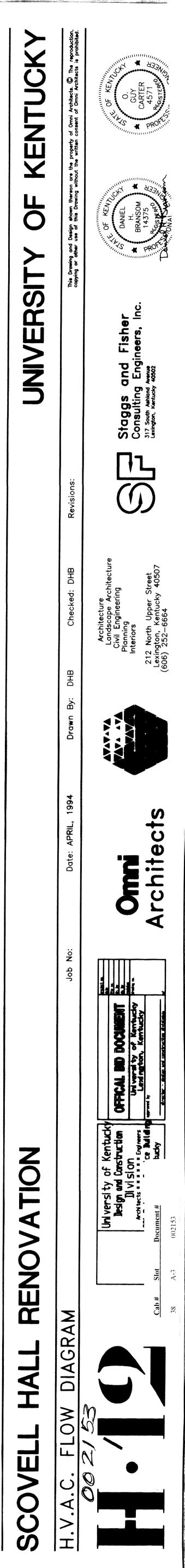


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					Н	EAT	ING	COIL	S						
CYLIDOL			DOWC		TOT. CAP.	OFM	VEL.	A.P.D.	E.A.T.	L.A.T.		W.P. D.	EWT	DIM.	
SYMBOL	MFR.	MODEL NO.	ROWS	F.P.I.	MBH	CFM	FPM	IN W.G.	F.	F.	GPM	FT.	EWT	WxH	REMARI
HC-1	MCQUAY	5BS0801H	1	8	11.9	400	533	0.14	55	82.1	1.0	0.2	180	12 X 9	*1
HC-2	MCQUAY	4850802H	2	8	21.0	400	533	0.20	55	103.0	2.0	2.9	180	12X9	*1
HC-3	MCQUAY	5BS0801H	1	8	18.6	700	560	0.15	55	79.4	1.0	0.2	180	15X12	*2
HC-4	MCQUAY	5BS1002B	2	10	34.6	700	560	0.22	55	100.1	2.0	1.5	180	15X12	*2
HC-5	MCQUAY	4BS0601H	1	6	22.2	1100	502	0.07	55	73.4	1.0	1.0	180	21X15	*3
HC-6	MCQUAY	4BS0802H	2	8	50.2	1100	502	0.18	55	96.8	2.0	6.8	180	21X15	*3
HC-7	MCQUAY	4BS0701H	1	7	37.7	1600	568	0.10	55	76.5	2.0	3.8	180	27X15	*4
HC-8	MCQUAY	5BS1002	2	10	74.6	1600	568	0.22	55	97.6	3.0	5.0	180	27X15	*4
HC-9	MCQUAY	5BS0801H	1	8	57.1	2200	586	0.17	55	78.7	2.0	1.6	180	36X15	*5
HC-10	MCQUAY	5BS1002B	2	10	101.5	2200	586	0.24	55	97.2	4.0	10.7	180	36X15	*5
HC-11	MCQUAY	5WQ0601H	1	6	458.4	18394	519	0.09	34	56.8	14	0.9	180	85X60	*6
										1			-		+

*1 USE WITH VAV-5 & 6 SEE DRAWINGS. *2 USE WITH VAV-8 SEE DRAWINGS. *3 USE WITH VAV-10 SEE DRAWINGS. *4 USE WITH VAV-12 SEE DRAWINGS. *5 USE WITH VAV-14 SEE DRAWINGS. *6 AIRHANDLER PREHEAT, 2 COILS HIGH.

SYMBOL	MANUFACTURER	TYPE	PANEL	DIFFUSER	INLET	CFM	SPD	THROW	DIRECTION	NC	MOUNTING	REMARKS
			SIZE	SIZE	DIMENSIONS		IN W.G.	FT.	OF THROW			
S-1	ANEMOSTAT	+1	24X24		6X6	125	0.09	7	*5	25	*3	*2
S-2	ANEMOSTAT	*1	24X24		9X9	280	0.09	11	*5	25	*3	*2
S-3	ANEMOSTAT	*1	24X24		12 X 12	500	0.09	14	*5	25	*3	*2
S-4	ANEMOSTAT	+1	24X24		1 5X 15	625	0.06	19	*5	24	+3	*2
S-5	ANEMOSTAT	*1	24X24		18X18	900	0.06	19	*5	28	*3	*2
S-6	ANEMOSTAT	*6		20X14	1 8X 12	1000	0.05	44	2-WAY	25	SURFACE	
S-7	ANEMOSTAT	*6		1 4X8	1 2X8	275	0.05	24	2-WAY	25	SURFACE	
R-1/E-1	ANEMOSTAT	*4	14X14		12X12	500	0.07			25	SURFACE	*2
R-2/E-2	ANEMOSTAT	*4	24X24		22 X 22	1600	0.04			25	*3	*2

TYPE D, DIRECTIONAL DIFFUSER, REMOVALBE CORE, FINISH TO BE OFF-WHITE. PROVIDE WITH BALANCING DAMPER IN AREAS WITH NON-ACCESSIBLE CEILINGS. MOUNTING TYPE TO BE COMPATIBLE WITH CEILING TYPE AS SHOWN ON THE ARCHITECTURAL PLANS. RETURN GRILLE HDD, HEAVY DUTY STEEL CONTRUCTION, 45 DEG. FINS, 3/4" SPACING, FINISH OFF WHITE. SEE FLOOR PLANS FOR DIRECTION OF THROW. MODEL S2VO, DOUBLE DEFLECTION SUPPLY REGISTER, FINISH OFF-WHITE.

									All	RH	HAN	DL	ING	UNITS				-		
SYMBOL	MFR.	MODEL	SIZE	ACC	CFM	MIN.	S.P.	внр	FAN		FAN	мото	R	MOUNTING	COOLING	HEATING	FILTER	FAN	WHEEL	REMARKS
STMBUL	Mr K.	MODEL	SIZE	ALL.	Ur M	0.A.	W.G.	БПГ	RPM	HP	RPM	PH.	VOLTS	MOUNTING	COIL #	COIL #	FILIER	TYPE	DIA.	REMARINS
AHU-1	BUFFALO	CUSTEM	185	*3	1839 4	4940	7.3	34	1524	40	1750	3	208	ROOF	CC-1	HC-1	PF, FF-1	AIRFOIL	33	*1*2

*1 CFM SHOW IS FOR SELECTION, UNIT WILL OPERATE AT 16,721 @6.36" S.P. *2 SOUND LEVEL, OCTAVE BAND/dB: 1/101, 2/95, 3/104, 4/97, 5/94, 6/88, 7/83, 8/79 *3 SEE DRAWINGS AND SPECIFICATIONS.

					ST	EAM TR	APS			
SY MB OL	MFR.	TYPE	MODEL	ORF. SIZE (INCH)	MAX. OPER. PRESS.(PSI)	TYPE OF CONNECTION	CONNECTION SIZE	CAPACITY (LBS/HR)	PRESSURE DIFF. (PSI)	REMARKS
T-1	ARMSTRONG	*1	310	5/64	110	HORIZONTAL	3/4	74	1	*2
T-2	ARMSTRONG	*1	800	#38	30	HORIZONTAL	3/4	11	1	*3
T-3	ARMSTRONG	*4	30-B6	3/8	30	HORIZONTAL	1-1/2	1319	2	*5
		+								
		+								

*1 INVERTED BUCKET *2 HIGH PRESSURE END OF MAIN DRIP, DESIGNED FOR MAX 300 PSIG, 500'F *3 MED. PRESSURE END OF MAIN DRIP. *4 FLOAT & THERMOSTATIC *5 HOT WATER HEAT EXCHANGER

							FA	NS							
SYMBOL	MFR.	MODEL	TYPE	PWL	CFM	S.P. IN	FAN	BHP			MOTOR		1	WHEEL	REMARKS
						W.G.	RPM		HP	RPM	PH	VOLTS	TYPE	DIAM.	
R-1	BUFFALO		DWDI	*1	13,944	2.1	943	9.41	15	1750	3	208	AIRFOIL	33	
EF-1	GREENHECK	SP-165	CEILING	*2	1400	0.5	1610	81 8 ₩	81 8 ₩	1610	1	115	FC	7.25	
EF-2	GREENHECK	SP-152	CEILING	*3	325	0.5	1070	22 4 ₩	22 4 ₩	1070	1	115	FC	7	
EF-3	GREENHECK	*4	CABNET	*5	1450	1.0	1370	0.59	3/4	1750	3	208	FC	8.5	[

*1 OCTAVE BAND/dB: 1/90, 2/92, 3/90, 4/82, 5/77, 6/71, 7/67, 8/65 *2 OCTAVE BAND/dB: 1/77, 2/76, 3/74, 4/72, 5/69, 6/64, 7/62, 8/60 *3 OCTAVE BAND/dB: 1/68, 2/68, 3/58, 4/57, 5/50, 6/50, 7/44, 8/37 *4 BCF-108-7 *5 OCTAVE BAND/dB: 1/74, 2/70, 3/71, 4/65, 5/65, 6/63, 7/61, 8/58

		(CONDEN	ISA	TE PUMP	S A	ND	REC	EIVER	RS
SYMBOL	MFR.	MODEL	RECEIVER	GPM	DISCHARGE		MO	TOR		REMARKS
			CAPGALS		PRESSPSIG	HP	RPM	PH.	VOLTS	
CP-1	B&G	SA1-0308	99	8	30	3/4	3500	3	208	*1
				ΤΤ			T			
							ſ			

*1 DUPLEX, MECHANICAL ALTERNATOR, 4" INLET, 1–1/2" OUTLET, CONTROL PANEL MOUNTED AND WIRED, U.L. LABEL, LIQUIDTIGHT CONDUIT, MAGNETIC STARTERS WITH CIRCUIT BREAKERS, ALARM BUZZER WITH SPARE CONTACTS, SILENCING RELAY AND ALARM LIGHT, AUTO-OFF-HAND SELECTOR SWITCH, PILOT LIGHTS, GAUGE GLASS, DIAL THERMOMETER, HIGH LEVEL ALARM FLOAT SWITCH.

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					(COC)LING	СС	DILS	S						
SYMBOL	MFR.	MODEL NO.	ROWS	F. P. I.	CFM	VEL.	A.P.D.	Ε.	A.T.	L.A	А.Т.	GPM	EWT	P.D.	DIM.	REMARKS
						FPM	IN W.G.	D. B .	W.B.	D.B .	W.B.			FT.	H x W	
CC-1	MCQUAY	5WL0908B	8	9	18394	519	0. 86	81	68	54.6	54.4	112	46	13	60X85	*1

*1 2 COILS HIGH.

SYMBOL	MANUFACTURE	MODEL	DIMEN.	CFM	FACE VEL.	P.D. IN.		NS	ERT	ION	L	055	5 d	B	S	ELF	G	EN.	N	ois	Εd	iB	REMARKS
			WxHxL		FPM	W.G.	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	
ST-1	COMM. ACOUSTIC	HP-EE	12X9X36	400	533	0.06	-	7	14	22	31	38	27	17	-	37	31	28	30	28	23	24	VAV-5,6
ST-2	COMM. ACOUSTIC	HP-EE	15X12X36	700	560	0.06	-	7	14	22	31	38	27	17	-	37	31	28	30	28	23	24	VAV-8
ST-3	COMM. ACOUSTIC	HP-EE	21X15X36	1100	502	0.06	-	7	14	22	31	38	27	17	-	40	34	31	33	31	26	27	VAV-10
ST-4	COMM. ACOUSTIC	HP-EE	27X15X36	1600	569	0.06	-	7	14	22	31	38	27	17	-	43	37	34	36	34	29	30	VAV-12
ST5	COMM. ACOUSTIC	HP-EE	36X15X36	2200	58 7	0.06	-	7	14	22	31	38	27	17	-	43	37	34	36	34	29	30	VAV-14
ST-6	COMM. ACOUSTIC	SP	24X10X36	1450	-870	0.10	-	6	13	20	29	33	19	12	-	46	44	47	51	52	43	34	EF-3
ST-7	COMM. ACOUSTIC	HP	85X60X60	18394	519	0.13	-	12	26	40	57	60	48	27	-	55	50	42	40	41	44	39	AHU-1

	VAR	IABL	.E	VO	LUM	E TER	MINAL	UNIT	S
0144004		С	FM		DUCT C	ONNECTION	INLET	SOUND	0514040
SYMBOL	MFR.	MIN	MAX	NC	INLET	OUTLET	S.P. (MIN)	TRAP NO.	REMARKS
VAV-5	TEMPMASTER	96	275	48	5"	9X10	0.25	ST-1	*2
VAV-6	TEMPMASTER	140	400	48	6*	9X10	0.35	ST-1	*2
VAV-8	TEMPMASTER	245	700	41	8"	12 X 10	0.38	ST-2	*3
VAV-10	TEMPMASTER	385	1100	41	10*	14x10	0.45	ST-3	*4
VAV-12	TEMPMASTER	560	1600	42	12"	17x10	0.37	ST-4	*5
VAV-14	TEMPMASTER	770	2200	40	14*	22 X 10	0.45	ST-5	*6
				<u> </u>					

*1 NC AT MINIMUM STATIC PRESSURE +1.5" *2 HC-1 OR HC-2 SEE FLOOR PLANS *3 HC-3 OR HC-4 SEE FLOOR PLANS *4 HC-5 OR HC-6 SEE FLOOR PLANS *5 HC-7 & HC-8 SEE FLOOR PLANS *6 HC-9 & HC-10 SEE FLOOR PLANS

						UN	IIT HEA	TER	2S			
SYMBOL	MFR.	MODEL	CFM	F A	N MOTOR		HOT WATER	HEATIN	IG	PRESS. DROP	OUTSIDE	REMARKS
				HP	VOLT-PH	AMPS	E.W.T.	GPM	MBH	(FT. WATER)	AIR	
CU-1	MCQUAY	TSF-031E	291	70W	115-1	0.6	180	1.8	26.3	5.3	0	*1
UH-1	MCQUAY	UHH-0168	380	1/60	115-1	- 1	180	1	13.3	2.3	0	*2
	Τ											

				SHEL	L AN	ND TU	JBE HEA	NT E	EXC	HAN	NGE	RS		
SYMBOL	MFR.	MODEL	NO.	DIME	NSIONS	HEATING	SHELL SIDE	STEAM		TU	BE SI	DE (HI	?)	REMARKS
			PASSES	DIAMETER	LENGTH	MBH	STEAM PSIG	PPH	GPM	P.D.	EWT	LWT	F.FCTR.	
HX-1	B&G	QSU63-2	2	6	36	612.5	10	626	49	0.2	155	180	0.003	
HX-2	B&G	QSU63-2	2	6	36	612.5	10	626	49	0.2	155	180	0.003	

							PUN	IPS	•					
SYMBOL	MFR.	SERIES	SIZE	GPM	HEAD	BHP	HP	Ι	MO	TOR	SHUT-OFF	END OF CURVE	TYPE	REMARKS
					FT.			RPM	PH	VOLTS	HEAD FT.	FLOW - GPM		
P-1	Bå: G	1531	1-1/4BC	40	64	1.3	2	1750	3	208	70	85	*1	*2
P-2	BåtG	1531	1-1/4BC	40	64	1.3	2	1750	3	208	70	85	*1	*2
P-3	BåcG	90	1 🗛	8	10	0.1	1/4	1750	1	115	12	24	*3	*4
P-4	BåtG	90	2 A	112	30	1.4	1-1/2	1750	3	20 8	45	130	*3	*5

*1 CLOSE COUPLED BASE MOUNT. *2 HOT WATER HEATING MAIN PUMPS. *3 IN-LINE PUMP. *4 HOT WATER PREHEAT COIL PUMP. *5 CHILLED WATER COIL PUMP.

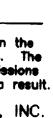
				HU	MIDIFIERS			
SYMBOL	MANUFACTURER	MODEL	CFM	ENT. STEAM P.S.I.G.	CONTROL VALVE # PER HR.	TRAP MIN. # PER HR.	LENGTH X HEIGHT	REMARKS
H—1	DRY-STEAM	ULTRA-SORB	18,400	10	170	170	*1	USE WITH AHU-1
				1	· · · · · · · · · · · · · · · · · · ·			

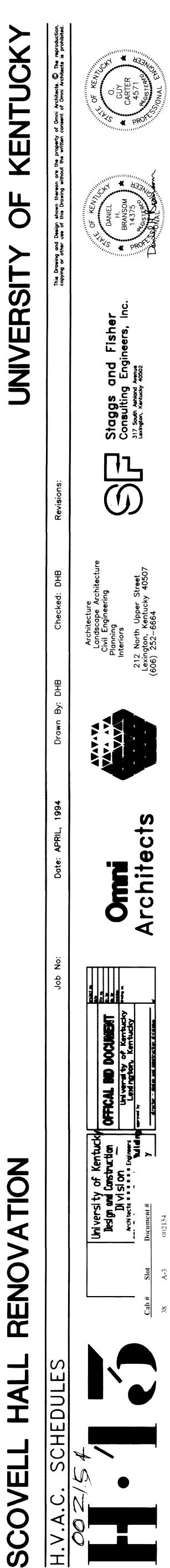
*1 MATCH AIR HANDLER SIZE.

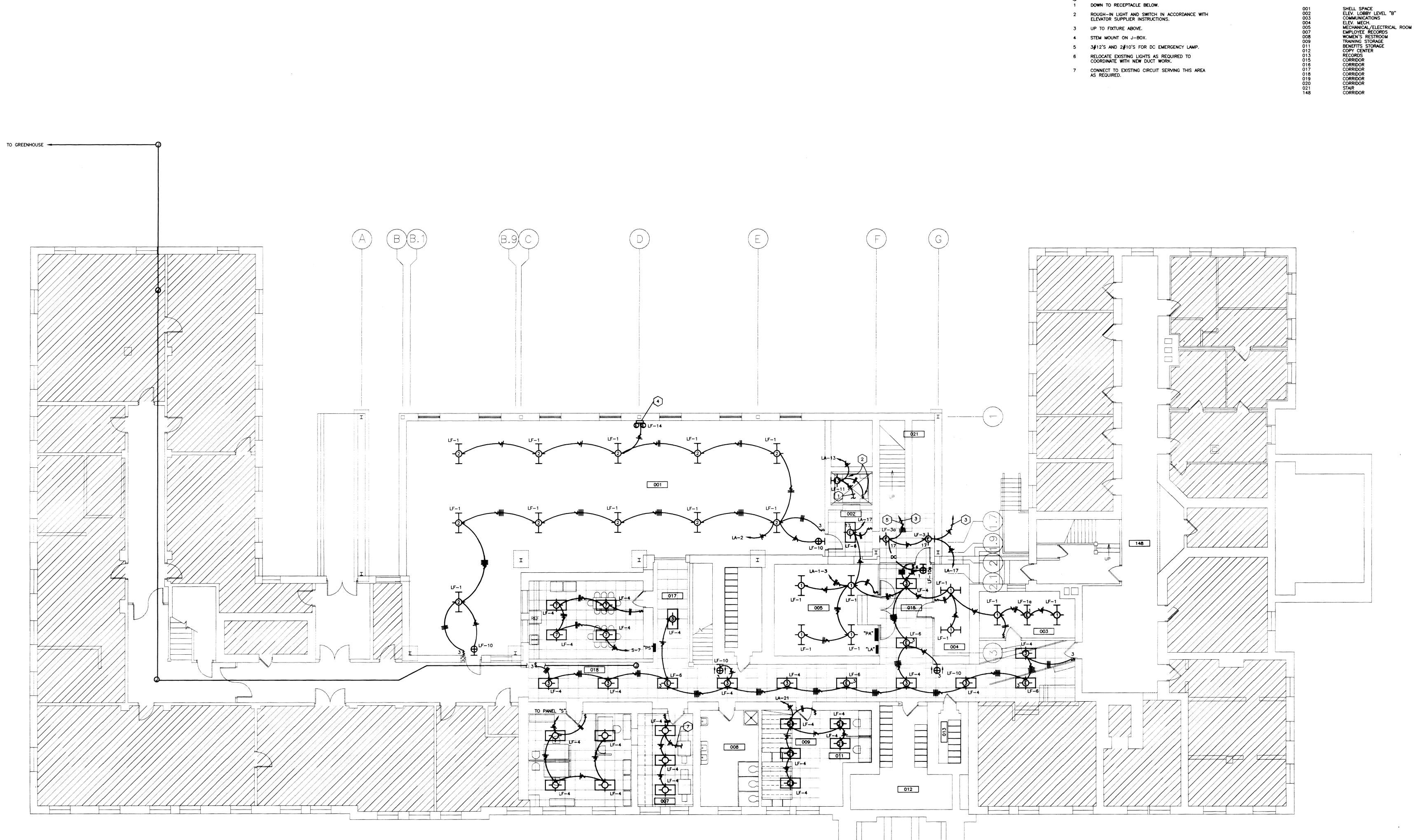
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*1 FLOOR MOUNTED SLOPED TOP, LOW FLOW COIL. COLOR TO BE SELECTED BY ARCH. *2 HORIZONTAL UNIT HEATER, LOW FLOW COIL.

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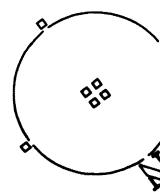






<u>LIGHTING PLAN – BASEMENT</u>

2



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

CODED NOTES:

- DOWN TO RECEPTACLE BELOW.
- ROUGH-IN LIGHT AND SWITCH IN ACCORDANCE WITH ELEVATOR SUPPLIER INSTRUCTIONS. 2

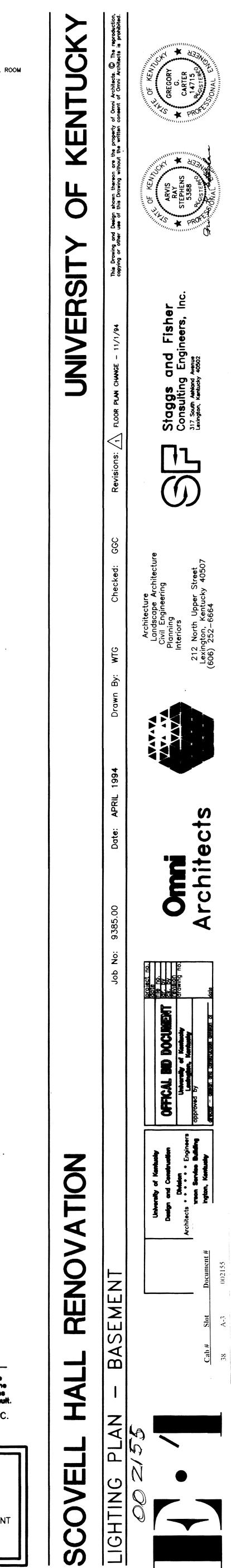
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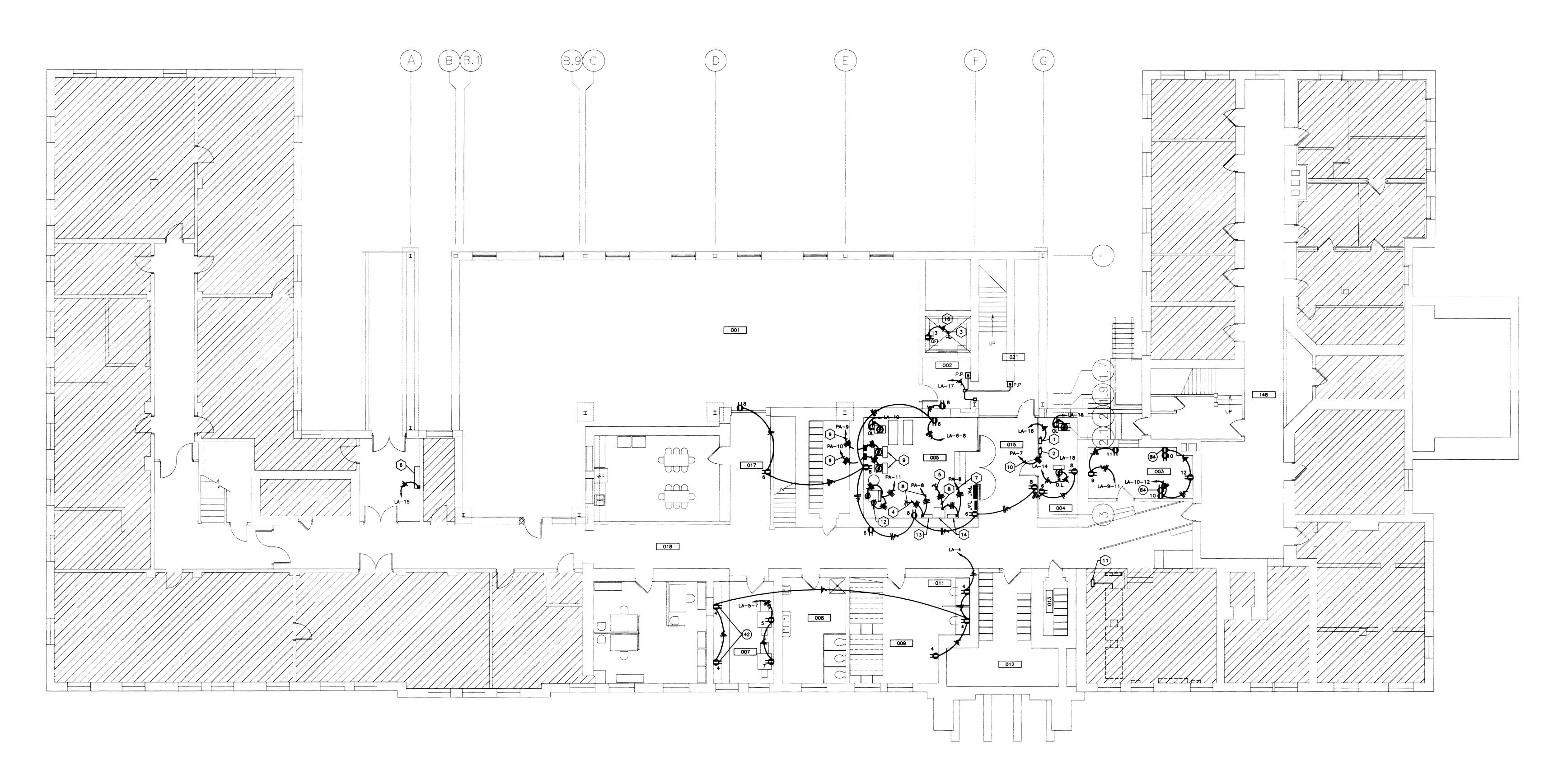
DEMOLITION NOTE:

REMOVE ALL ELECTRIC CONNECTIONS TO EQUIPMENT LIGHTS, DEVICES, FIRE ALARM, PHONE, ETC. IN THE AREA TO BE DEMOLISHED. REFER TO ARCHITECTURAL PLANS FOR THE EXTENT OF WORK. REFER TO GENERAL NOTES.

ROOM NO.

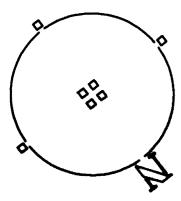
ROOM NAME





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<u> POWER PLAN - BASEMENT</u>



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

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CODED NOTES:

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- 1 30A. ELEVATOR CAB LIGHT DISCONNECT
- 2 200A. ELEVATOR CONTROLLER WITH AXILLARY CONTACTS. FUSE IN ACCORDANCE WITH MANUFACTURES SHOP DRAWINGS.
- 3 UP TO LIGHT ABOVE.
- 4 UP TO RETURN AIR FAN (R-1) ON ROOF. MAKE ELECTRICAL CONNECTION AS REQUIRED.
- 5 UP TO AIR HANDLING UNIT (AHU-1) ON ROOF. MAKE ELECTRICAL CONNECTION AS REQUIRED.
- 6 CABINET UNIT HEATER 115V./1ø.
- 7 3#2/0'S AND 1#6 GND. IN 2"C.
- 8 3#2'S AND 1#6 GND. IN 1-1/4"C.
- 9 HOT WATER PUMP 2 H.P., 208V.,3¢.
 10 3#1'S AND 1#6 GND. IN 1−1/2°C.
- 11 NEW 600A. SWITCH SEE ELECTRICAL DISTRIBUTION RISER DIAGRAM.
- 12 CONDENSATE PUMP. 3/4 H.P. 208V./30
- 13 VARIABLE SPEED DRIVE TO FEED RETURN FAN.14 ISOLATION TRANSFORMER AND VARIABLE SPEED DRIVE TO SERVE SUPPLY FAN.

ROOM NO.

021 148 ROOM NAME

SHELL SPACE ELEV. LOBBY LEVEL "B" COMMUNICATIONS ELEV. MECH. MECHANICAL/ELECTRICAL ROOM EMPLOYEE RECORDS WOMEN'S RESTROOM TRAINING STORAGE BENEFITS STORAGE BENEFITS STORAGE COPY CENTER RECORDS CORRIDOR CORRIDOR CORRIDOR CORRIDOR CORRIDOR CORRIDOR STAIR CORRIDOR STAIR CORRIDOR

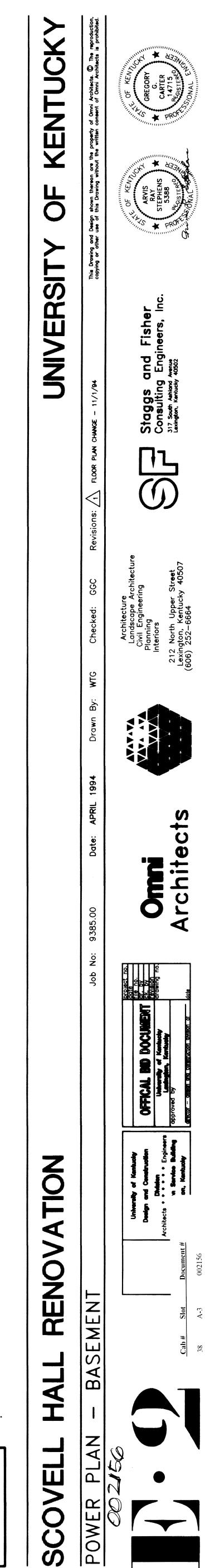
- 15 AUTOMATIC DOOR SEE SCHEMATIC DRAWING E-10.
- 16 INSTALL RECEPTACLE IN ACCORDANCE WITH ELEVATOR MANUFACTURES INSTRUCTIONS.

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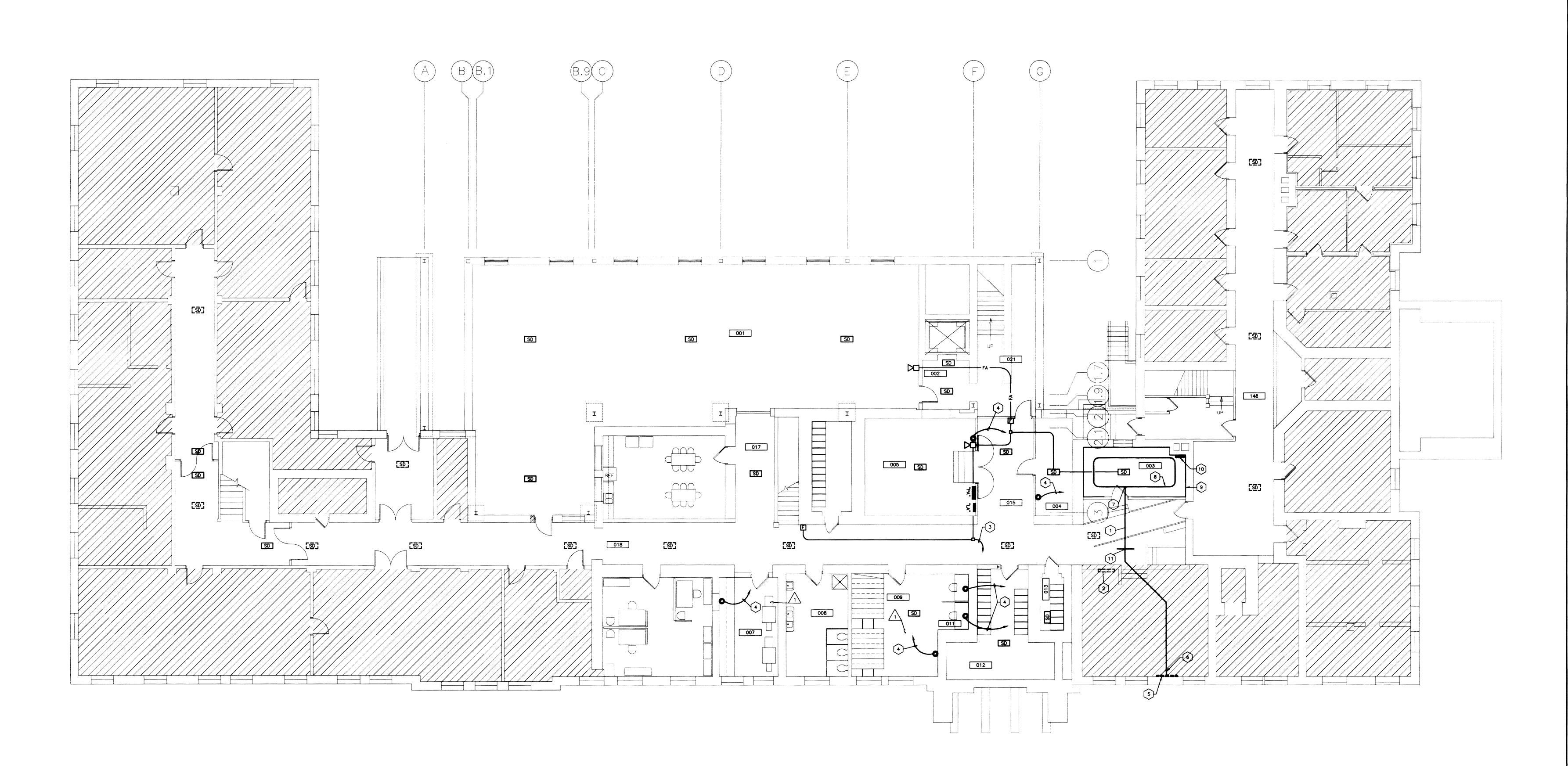
DEMOLITION NOTE:

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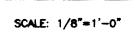
REMOVE ALL ELECTRIC CONNECTIONS TO EQUIPMENT LIGHTS, DEVICES, FIRE ALARM, PHONE, ETC. IN THE AREA TO BE DEMOLISHED. REFER TO ARCHITECTURAL PLANS FOR THE EXTENT OF WORK. REFER TO GENERAL NOTES.



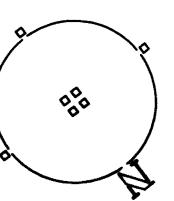




<u>COMMUNICATIONS PLAN - BASEMENT</u>



- \bigcirc CODED NOTES: NEW 10"X10" WIREWAY.
- EXISTING FIRE ALARM CONTROL PANEL TO REMAIN. MODIFY AS REQUIRED TO ACCOMIDATE NEW DEVICES AND ZONES.
- 3 CONNECT TO EXISTING FIRE ALARM SYSTEM.
- 4 1"C. TO COMMUNICATION CLOSET.
- EXISTING COMMUNICATION SERVICE ENTRANCE
- 90 WIREWAY DOWN OVER COMMUNICATIONS BOARD.
- 90 WIREWAY DOWN OVER CABLE TRAY. 16"X3" CABLE TRAY - INSTALL 9'-0" A.F.F.
- 9 3/4"X8'-0" HIGH FIRE RETARDANT PLYWOOD ALL AROUND ROOM.
- 10 4" CONDUIT UP TO 1ST AND 2ND FLOOR.
- 11 PROVIDE TEE WIRE BLANK END CAPS FOR FUTURE EXTENSION.



RECORD DRAWINGS DATE _____

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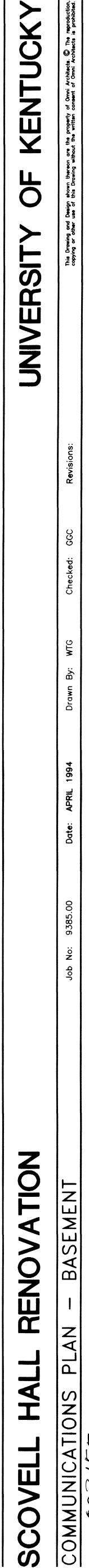
DEMOLITION NOTE:

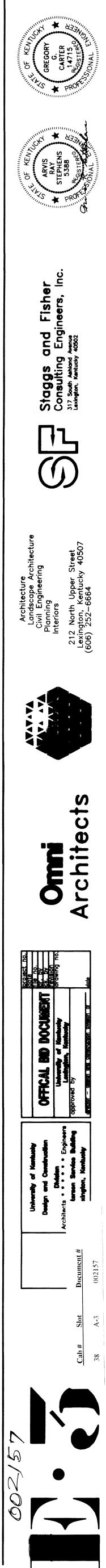
REMOVE ALL ELECTRIC CONNECTIONS TO EQUIPMENT LIGHTS, DEVICES, FIRE ALARM, PHONE, ETC. IN THE AREA TO BE DEMOLISHED. REFER TO ARCHITECTURAL PLANS FOR THE EXTENT OF WORK. REFER TO GENERAL NOTES.

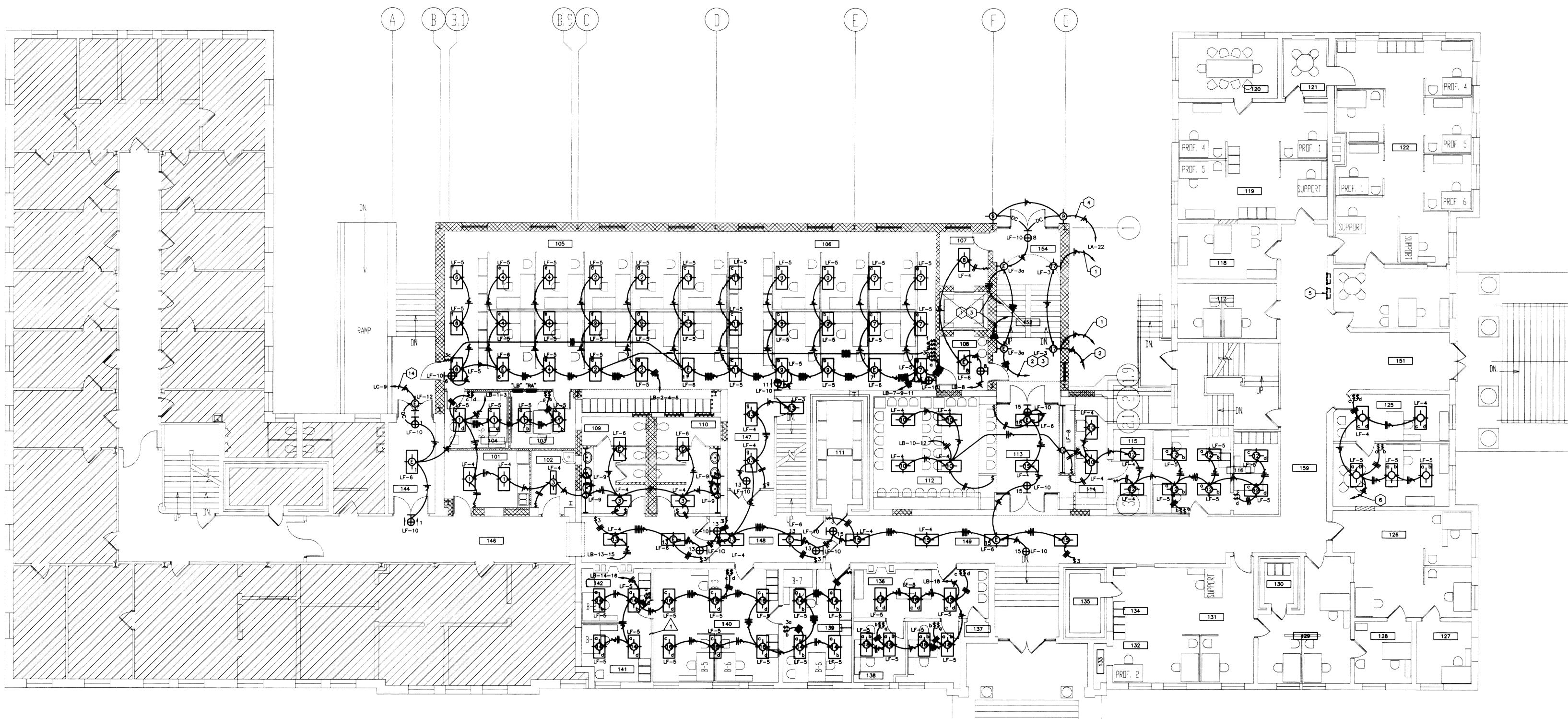
SHELL SPACE ELEV. LOBBY LEVEL "B" COMMUNICATIONS ELEV. MECH. MECHANICAL/ELECTRICAL ROOM EMPLOYEE RECORDS WOMEN'S RESTROOM TRAINING STORAGE BENEFITS STORAGE COPY CENTER RECORDS CORRIDOR CORRIDOR CORRIDOR CORRIDOR CORRIDOR CORRIDOR STAIR CORRIDOR

ROOM NO.

ROOM NAME







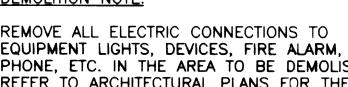
<u>LIGHTING PLAN – FIRST FLOOR</u>

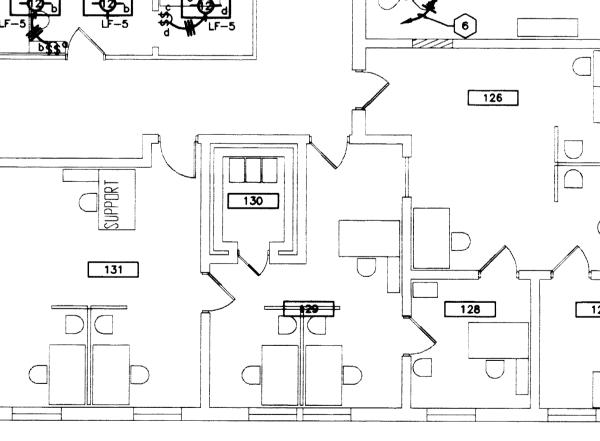
SCALE: 1/8"=1'-0"

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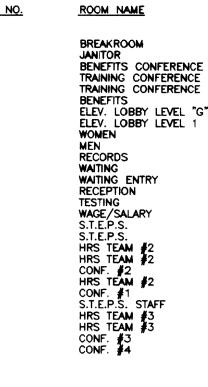
DEMOLITION NOTE:

REMOVE ALL ELECTRIC CONNECTIONS TO EQUIPMENT LIGHTS, DEVICES, FIRE ALARM, PHONE, ETC. IN THE AREA TO BE DEMOLISHED. REFER TO ARCHITECTURAL PLANS FOR THE EXTENT OF WORK. REFER TO GENERAL NOTES.





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6 TO NEW 20A/1P BREAKER IN EXISTING PANELBOARD "B".

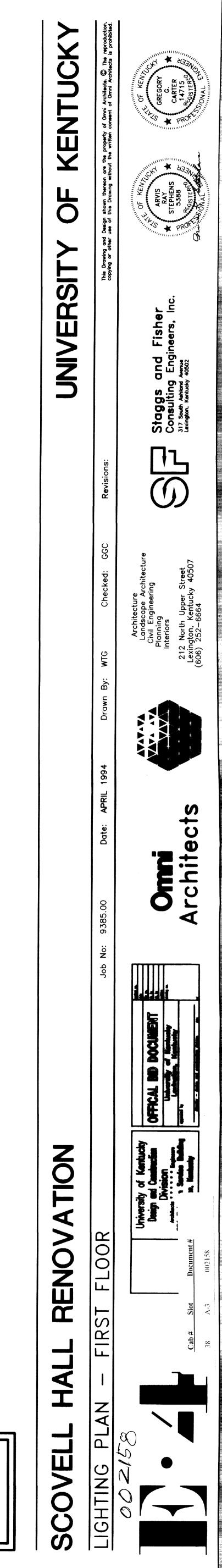
EXISTING PANELBOARD "B" - INSTALL 6 NEW 20A/1P BREAKERS.

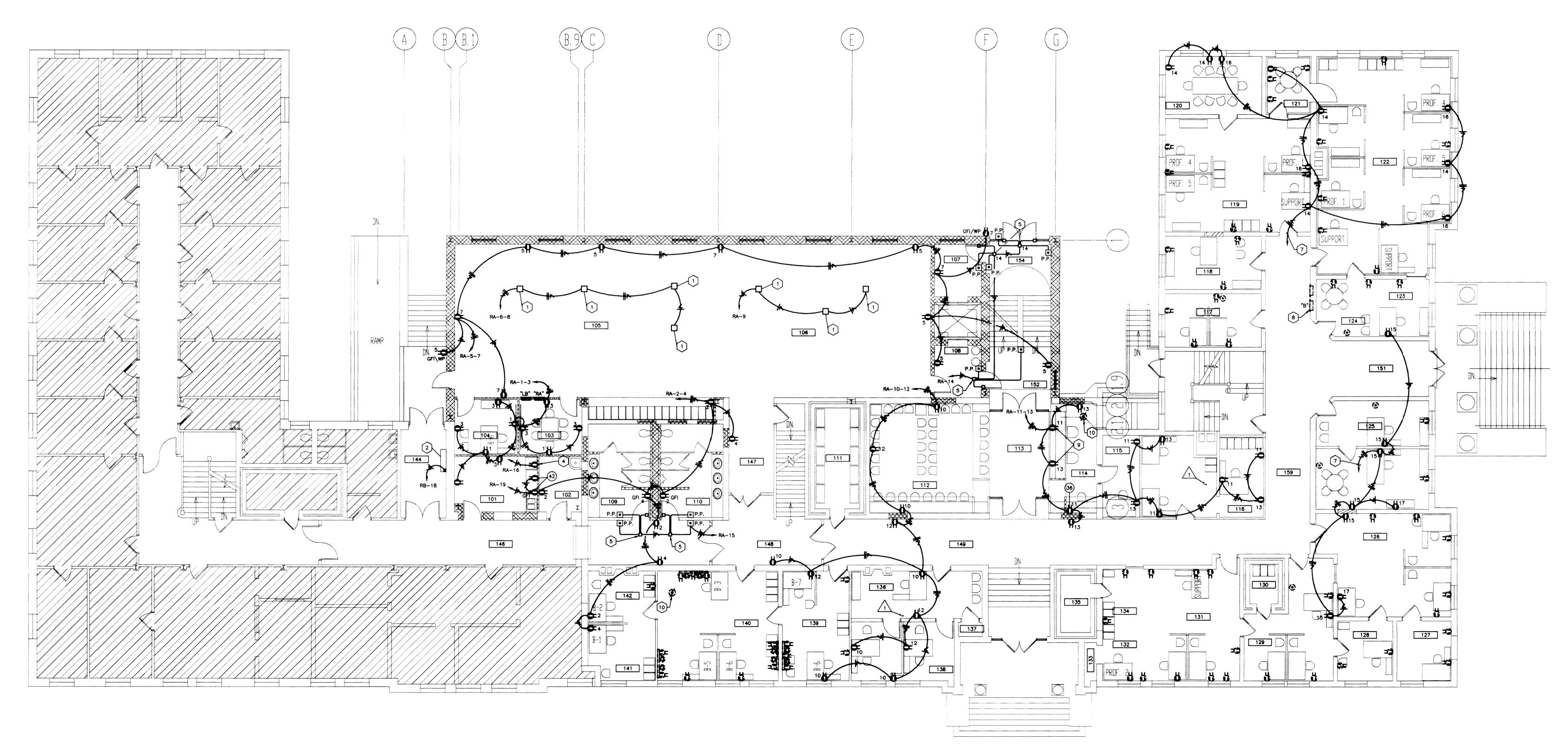
3 #12'S AND 2 #10'S FOR DC EMERGENCY. 4 ROUTE THROUGH EXTERNAL LIGHTING TIME CLOCK.

2 DOWN TO FIXTURE BELOW.

CODED NOTES: 1 UP TO FIXTURE ABOVE. ROOM NO.







POWER PLAN - FIRST FLOOR

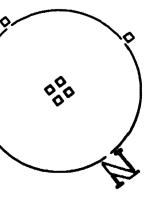
SCALE: 1/8"=1'-0"

- CODED NOTES:
- 1 NEW COMMUNICATIONS/POWER POLE.
- 2 70W. CABINET UNIT HEATER. MAKE ELECTRICAL CONNECTION AS REQUIRED.
- 3 MOUNT OUTLETS IN CASEWORK COORDINATE OUTLETS WITH CASEWORK SUPPLIERS.
- 4 OUTLET FOR REFRIGERATOR.
- 5 AUTOMATIC DOOR SEE SCHEMATIC DRAWING ON SHEET E-10.
- 6 TO NEW 20A/1P BREAKER IN EXISTING PANELBOARD "B".
- 7 TO 2 NEW 20A/1P BREAKER IN EXISTING PANELBOARD "B".
- 8 INSTALL 6 NEW 20A/1P BREAKERS IN EXISTING PANELBOARD "B".
- 9 COORDINATE OUTLET LOCATIONS IN CASEWORK WITH CASEWORK SUPPLIER.
- 10 EXISTING AIR HANDLING UNIT AND OUTDOOR CONDENSING UNIT TO BE REMOVED. DISCONNECT POWER AND COMMUNICATION CONTROL WIRING TO BOTH UNITS AND REMOVE CABLING AND CONDUIT IN ACCORDANCE WITH DEMOLITION NOTES.

RECORD DRAWINGS DATE <u>9-8-95</u> These record drawings have been prepared, in part, on the basis of information compiled and furnished by others. The Engineer will not be responsible for any errors or omissions which have been incorporated into this document as a result. STAGGS & FISHER CONSULTING ENGINEERS, INC.

DEMOLITION NOTE:

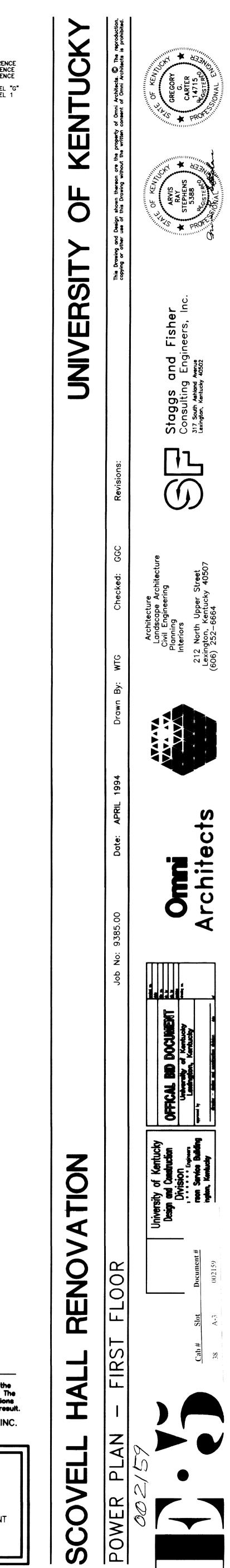
REMOVE ALL ELECTRIC CONNECTIONS TO EQUIPMENT LIGHTS, DEVICES, FIRE ALARM, PHONE, ECT. IN THE AREA TO BE DEMOLISHED. REFER TO ARCHITECTUAL PLANS FOR THE EXTENT OF WORK. REFER TO GENERAL NOTES.

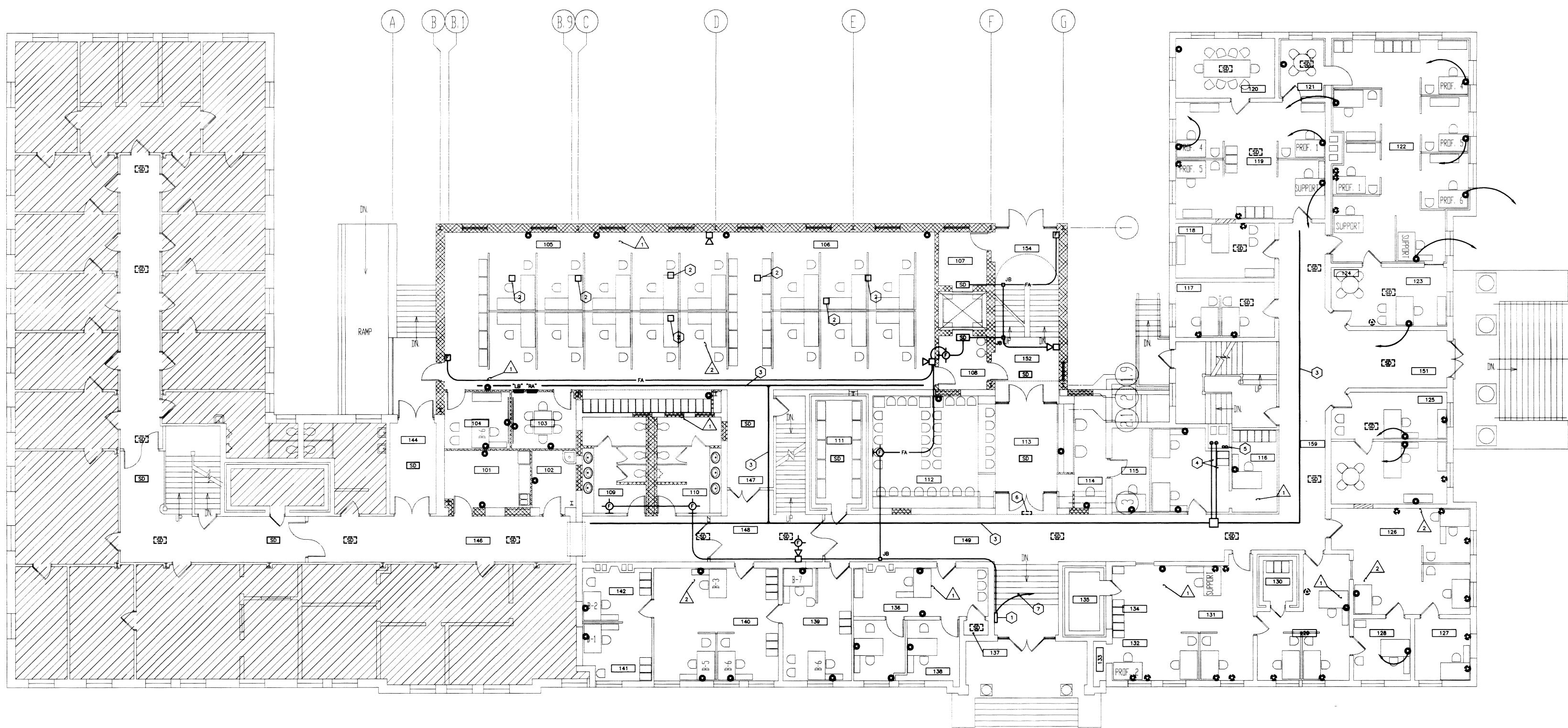


BREAKROOM JANITOR BENEFITS CONFERENCE TRAINING CONFERENCE TRAINING CONFERENCE BENEFITS ELEV. LOBBY LEVEL "G" ELEV. LOBBY LEVEL 1 WOMEN MEN RECORDS WAITING WATING ENTRY RECEPTION TESTING WAGE/SALARY S.T.E.P.S. S.T.E.P.S. HRS TEAM #2 HRS TEAM #2 CONF. #1 S.T.E.P.S. STAFF HRS TEAM #3 HRS TEAM #3 CONF. #3 CONF. #4

ROOM NAME

ROOM NO.





<u>COMMUNICATIONS PLAN - FIRST FLOOR</u>

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

\bigcirc CODED NOTES:

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- 1 NEW LOCATION OF FIRE ALARM ANNUNCIATOR.
- NEW COMMUNICATION/POWER POLE. 6X6 WIREWAY ABOVE FINISHED CEILING. 3
- 4 2-4"C. DOWN TO COMMUNICATION ROOM IN BASEMENT.
- CONDUITS UP TO SECOND FLOOR AND DOWN TO BASEMENT.
- EXISTING FIRE ALARM ANNUICATOR TO BE REMOVED.
- 7 CONNECT TO EXISTING FIRE ALARM SYSTEM.

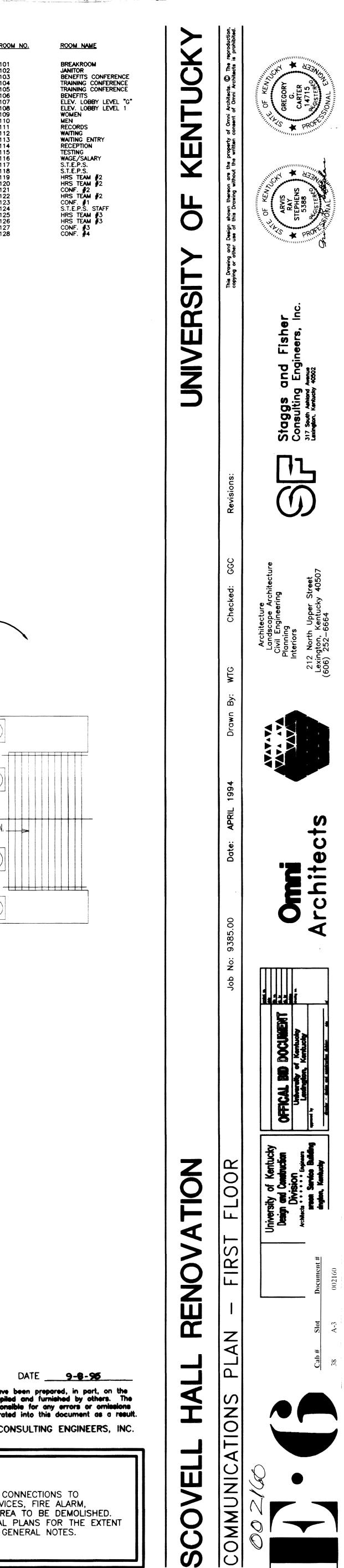
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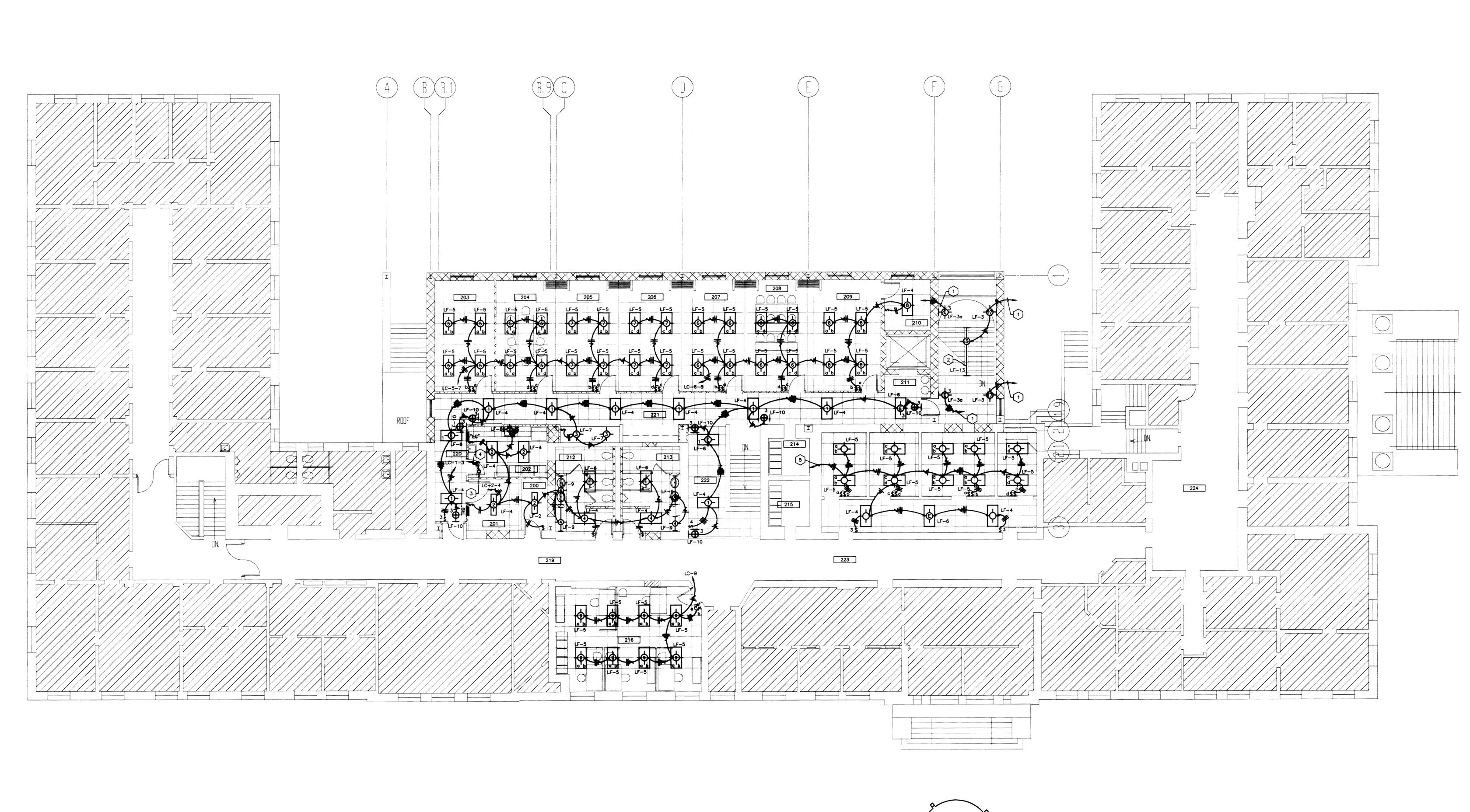
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<u>LIGHTING PLAN – SECOND FLOOR</u>

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

CODED NOTES:

1 DOWN TO FIXTURE BELOW.

- 2 STRIP UP-LIGHT MOUNTED IN ARCHITECTURAL COVE.
- 3 PHOTOCELL ON ROOF.
- 4 TO EXTERIOR LIGHT FIXTURES.
- 5 TO TWO NEW 20A. BREAKER IN PANELBOARD "LC" AS REQUIRED.

ROOM NO.

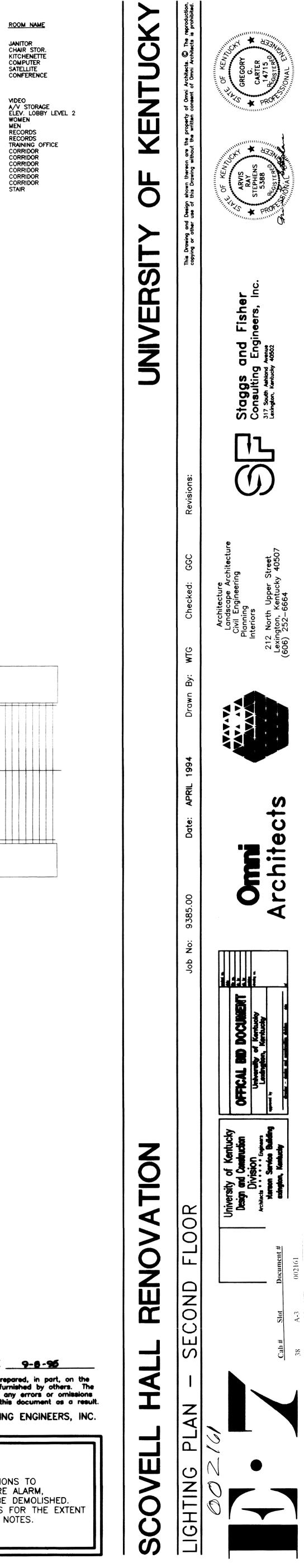
ROOM NAME

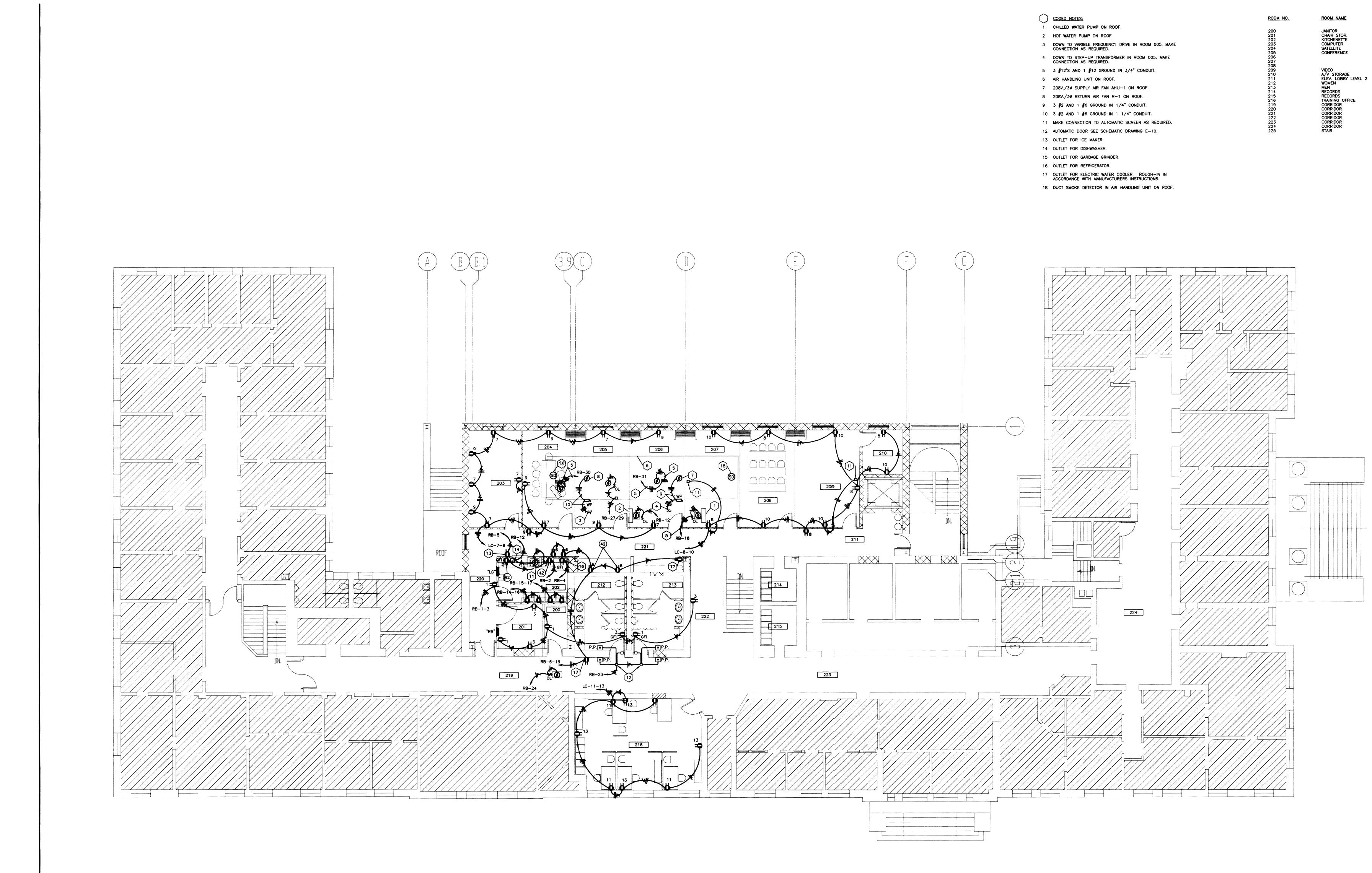
JANITOR CHAIR STOR. KITCHENETTE COMPUTER SATELLITE CONFERENCE

RECORD DRAWINGS DATE 9-6-95 These record drawings have been prepared, in part, on the basis of information compiled and furnished by others. The Engineer will not be responsible for any errors or omissions which have been incorporated into this document as a result. STAGGS & FISHER CONSULTING ENGINEERS, INC.

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<u>POWER PLAN - SECOND FLOOR</u>

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

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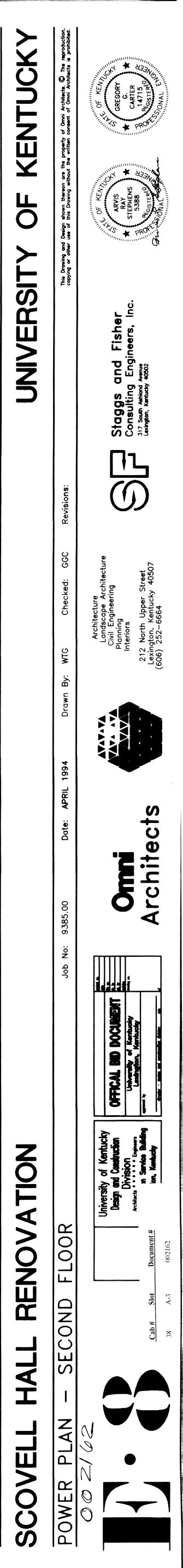
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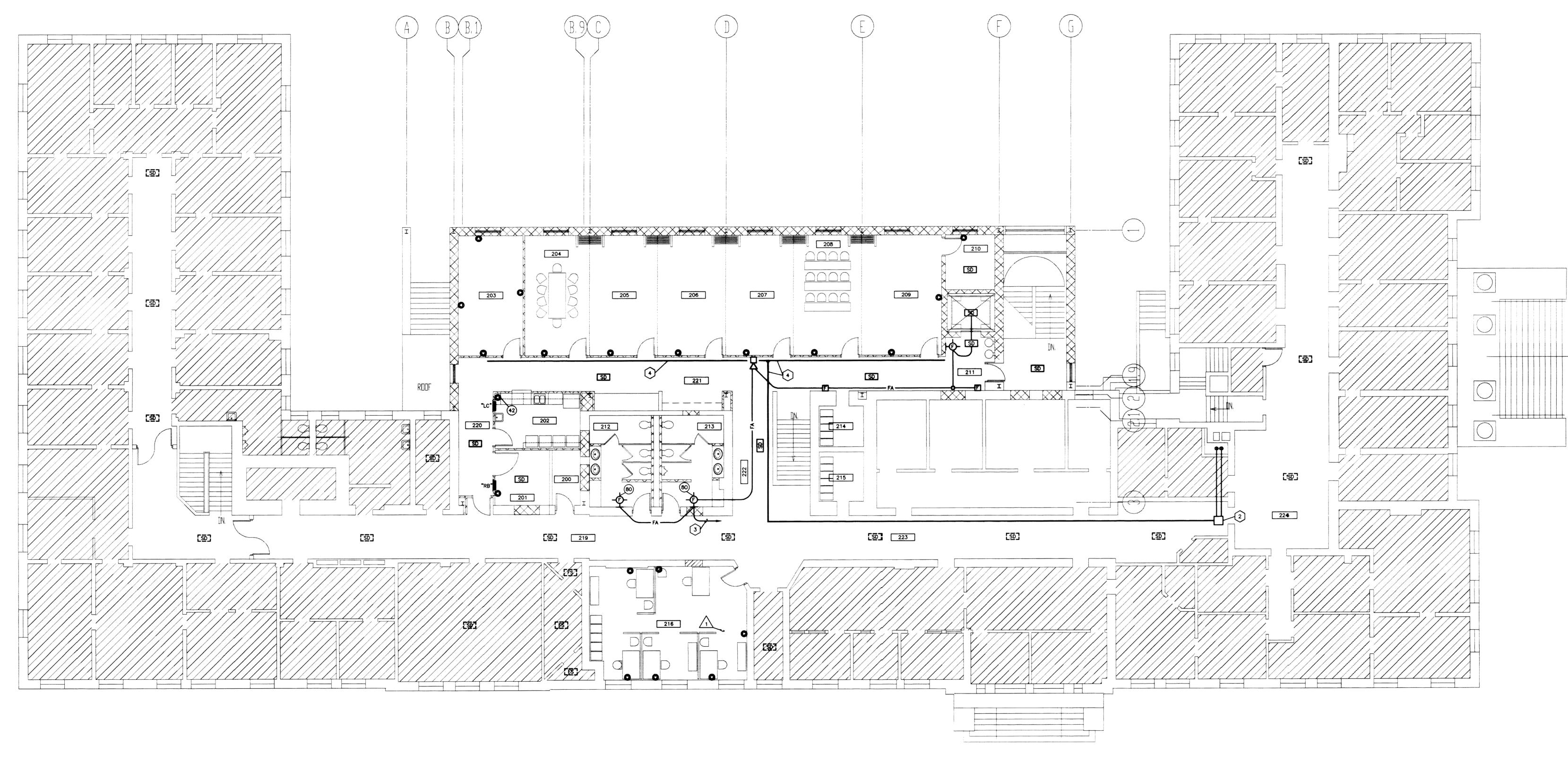
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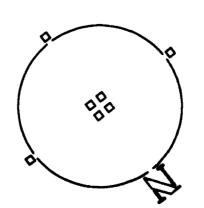
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<u>LOW-VOLTAGE PLAN - SECOND FLOOR</u> SCALE: 1/8"=1'-0"

- CODED NOTES:
- 2-4"C. DOWN TO COMMUNECATION ROOM IN BASEMENT.
- 24"X24"X8" J-BOX. TIE INTO EXISTING FIRE ALARM.
- 6"X6" WIREWAY ABOVE FINISHED CEILING.



RECORD DRAWINGS DATE 9-8-95

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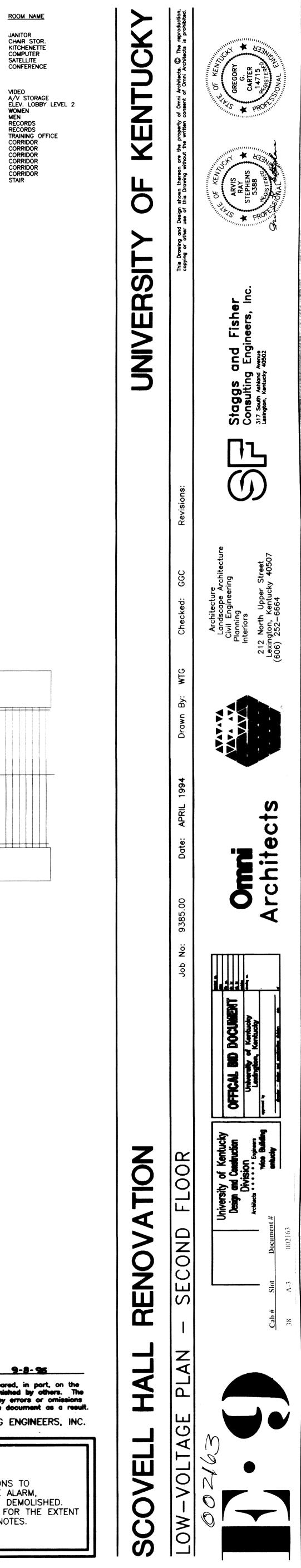
DEMOLITION NOTE:

REMOVE ALL ELECTRIC CONNECTIONS TO EQUIPMENT LIGHTS, DEVICES, FIRE ALARM, PHONE, ETC. IN THE AREA TO BE DEMOLISHED. REFER TO ARCHITECTURAL PLANS FOR THE EXTENT OF WORK. REFER TO GENERAL NOTES.

JANITOR CHAIR STOR. KITCHENETTE COMPUTER SATELLITE CONFERENCE

ROOM NAME

ROOM NO.



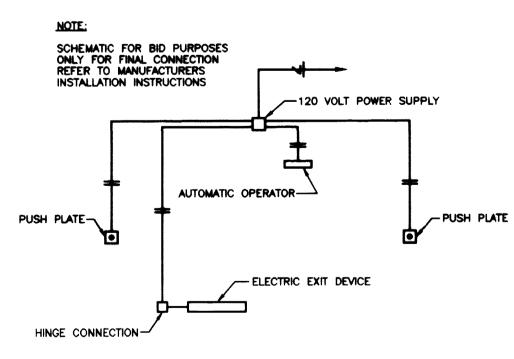
GENERAL NOTES: ELECTRICAL CONTRACTOR SHALL REMOVE ALL ELECTRICAL CONNECTIONS TO EQUIPMENT TO BE REMOVED. EXISTING EXPOSED CIRCUITS NOT TO BE REUSED SHALL BE REMOVED. EXISTING CONCEALED CIRCUITS NOT TO BE REUSED SHALL BE ABANDONED AFTER CONDUCTORS ARE REMOVED. CONDUITS ABOVE ACCESSIBLE CEILINGS OR EXPOSED BY CONSTRUCTION SHALL BE CONSIDERED EXPOSED.

Alterior de la constante de la consta

իպիս հուն է երկելու այս է՝ այս է՝ այս պետարվանաներ, ու դեմներությունը երկելու է է է է դեպեր եկներումին, երկելու Ելե չվերը Հուս <u>հետերից է</u> պետարվան է դեպես է երկելու են է է

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ELECTRICAL CONTRACTOR SHALL COORDINATE HEIGHT OF RECEPTACLES AT ALL CASEWORK LOCATIONS TO AVOID CONFLICTS. CONTRACTOR SHALL PROVIDE EQUIPMENT GROUNDING CONDUCTORS IN ALL FEEDERS TO GROUND BUS IN PANELBOARDS AND IN ALL CIRCUITS TO EQUIPMENT AND RECEPTACLES. SEE SPECIFICATIONS. WHERE ANY EXISTING OUTLET, (ELECTRIC, TELEPHONE, FIRE ALARM, T.V., ETC.) IS NOTED OR REQUIRED TO BE REMOVED, THE ELECTRICAL CONTRACTOR SHALL CONNECT CONDUIT, PULL IN NEW CONDUCTORS AND RECONNECT AS REQUIRED FOR FEED-THRU OF CIRCUITS TO ENSURE ALL CIRCUITS DOWNSTREAM FROM REMOVED OUTLET WILL REMAIN OPERATIONAL. ALL EXISTING ELECTRICAL CONNECTIONS AND DEVICES NOT SPECIFICALLY INDICATED TO BE REMOVED AND NOT REQUIRED FOR THE NEW ARRANGEMENT SHALL BE REMOVED UNLESS OTHERWISE NOTED. WHERE THERMOSTATS ARE SHOWN IN THE SAME VICINITY AS LIGHT SWITCHES, INSTALL THERMOSTAT CENTERED ABOVE LIGHT SWITCHES. ALL ELECTRICAL OUTLETS SHALL BE LOCATED ON CLEAR WALL SPACES, CLEAR OF ALL SHELVING, CHALKBOARDS, TACKBOARDS, CABINET WORK, ETC. CONTRACTOR SHALL CHECK ALL DOOR SWINGS AND HE SHALL BE RESPONSIBLE FOR INSTALLING ALL ROOM LIGHT SWITCHES ASSOCIATED WITH DOORS ON THE STRIKE SIDE OF ALL DOORS REGARDLESS OF THE INDICATION ON THE ELECTRICAL DRAWINGS. OUTLETS NOT COMPLYING WITH THE ABOVE SHALL BE RELOCATED AT THE CONTRACTOR'S EXPENSE. ALL COMMUNICATION CONDUIT SHALL BE 1" AND INDIVIDUALLY CONNECTED TO THE WIREWAY, UNLESS OTHERWISE NOTED. WHERE NEW WIRING DEVICES ARE SHOWN AT EXISTING LOCATION, CONTRACTOR MAY REUSE EXISTING FLUSH-MOUNTED OUTLET BOX AND EXISTING CONCEALED CONDUIT. IF IN GOOD CONDITION AND APPROVED BY THE ENGINEER. Conduits and homeruns shall be installed as shown on the drawing see specifications flexible conduits to light fixtures shall be minimum 1/2'' and maxium of 6' in length.



AUTOMATIC DOOR SCHEMATIC

FLEXIBLE CONDUITS FOR MOTORS SHALL BE SEALTITE AND SHALL BE A MINIMUM OF 3/4" AND SHALL NOT EXCEED 18" IN LENGTH.

RISER NOTES EXISTING SWITCHBOARD.

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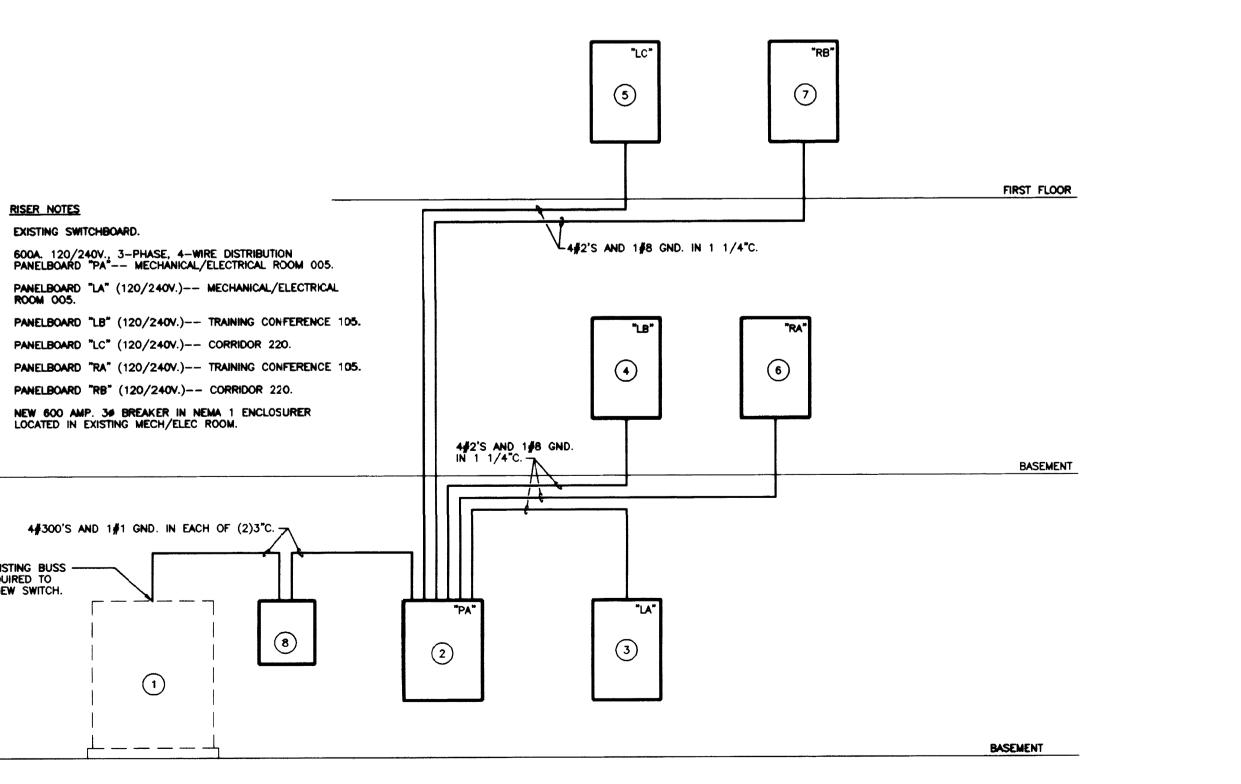
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	DISTRIBUTION PANELBOARD "PA" S 120/208v 3 phase - 4 wire	CHEDULE	Ξ
	APPLICATION	POLES	CAPACITY IN AMPS
	MLO	3	600
1	PANEL "LA"	3	100
2	PANEL "LB"	3	100
3	PANEL "LC"	3	100
4	PANEL "RA"	3	100
5	PANEL "RB"	3	100
6	SUPPLY FAN (40 H.P.)	3	175
7	ELEVATOR (25 H.P.)	3	150
8	RETURN FAN (15 H.P.)	3	90
9	PUMP P-1 (2 H.P.)	3	15
10	PUMP P-2 (2 H.P.)	3	15
11	CONDESATE PUMP CP-1 (3/4 H.P.)	3	15
12	SPARE	3	100
13	SPARE	3	100
14	SPARE	3	60
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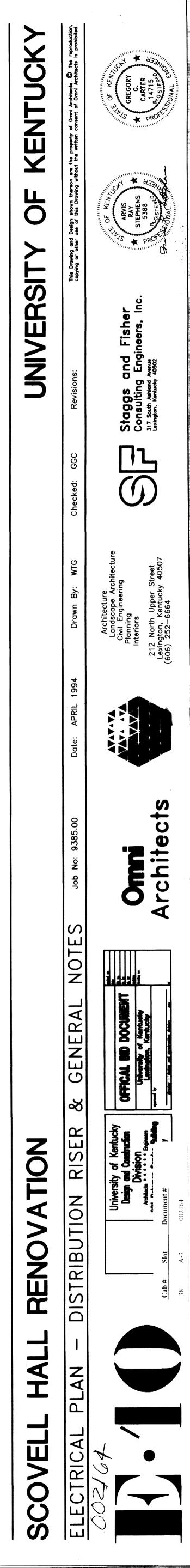
		PANELBOA	RD CIRCUIT	CAPAC	CITY	
PANEL BOARD	ONE - POLE	TWO - POLE	3 - POLE	SPACES (MIN.)	CAP OF NEU. IN AMPS	MOUNTING
"LA"	22-20 A .			6	100	SURFACE
"LB"	2 4 -20 A .			4	100	RECESSED
"LC"	16-20 A .			2	100	RECESSED
"RA"	26-20 A .			2	100	RECESSED
"RB"	1 8 20 A .		3-20A.	2	100	RECESSED



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PARTIAL DISTRIBUTION RISER DIAGRAM

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CONDU	JITS, LIGHTING, ETC.		UND AND INTERCOM
	CONDUIT BELOW FLOOR		CEILING MOUNTED SPEAKER
	CONDUIT ABOVE FLOOR		WALL MOUNTED SPEAKER
	WIREWAY OR CABLE TRAY		HORN TYPE SPEAKER
DC	D.C. CIRCUIT IN CONDUIT (MIN. #10W.)	⊘	VOLUME CONTROL
J	PLUGMOLD	0 _M	MASTER INTERCOM STATION
TR	STEP-DOWN TRANSFORMER	0	INTERCOM STATION
- 수 -	CEILING OUTLET FOR LIGHT FIXTURE	Ø	DICTATION OUTLET
-ф	WALL OUTLET FOR LIGHT FIXTURE	© _м	MICROPHONE OUTLET IN FLOOR (FLUSH TYPE)
-¢-I	LIGHT OUTLET ON EMERGENCY CIRCUIT	۲	MICROPHONE OUTLET IN WALL (BOTTOM 16" A
-ŵł	DARKROOM WALL-MOUNTED WARNING LIGHT	®	PROJECTOR OUTLET
, ™Å	NIGHT LIGHT		· · · · · · · · · · · · · · · · · · ·
	EXIT LIGHT (CEILING MOUNTED)		
 ਦ	EXIT LIGHT (WALL MOUNTED)		
 ج	FLUORESCENT LIGHT FIXTURE		
<u> </u>	EMERGENCY BATTERY PACK		FIRE ALARM
•	ENTRANCE POINT OF CONDUIT THROUGH FLOOR	<u></u>	SUPERVISED VALVE
	PANELBOARD OR TERMINAL CABINET		FIRE ALARM BREAKGLASS STATION (BOTTOM 44
JB	JUNCTION BOX	۵	FIRE ALARM NURSE STATION ANNUNCIATOR
	DISCONNECT SWITCH	69	FLOW SWITCH
X	MAGNETIC STARTER	<u></u>	DUCT TYPE SMOKE DETECTOR
122h	COMBINATION MAGNETIC STARTER AND SWITCH	□\$ \$-	FIRE ALARM HORN/FLASHING LIGHT
Ø	MOTOR	-¢-	FIRE ALARM FLASHING LIGHT
(12)	BOTTOM OF DEVICE (IN INCHES A.F.F.)	FS I	AUTOMATIC HEAT DETECTOR
(1)	SEE NOTE 1 THIS SHEET	SD	SMOKE DETECTOR (CEILING MOUNTED)
	FOUR (4) GROUND JACKS/RECEPTACLES (FLUSH-MOUNTED)	<u> </u>	SMOKE DETECTOR (CEILING MOUNTED SINGLE S
4 (HW) ??	HEADWALL - FOR SERVICES, SEE DETAILS	EDH	ELECTROMAGNETIC DOOR HOLDER
		EDC	
1			ELECTROMAGNETIC DOOR CLOSER
•	NURSE CALL PUSHBUTTON STATION	WALL S	SWITCHES (BOTTOM 44" A.F.F.)
			(EXCEPT AS NOTED OTHERWISE)
	DUTY STATION	\$	SINGLE POLE
	NURSE CALL MASTER STATION	\$2	DOUBLE POLE
	PATIENT BED STATION - SINGLE, 2-BED	\$3	THREE-WAY
5	STAFF STATION	\$4	FOUR-WAY
[1]	TOILET PULL CORD/EMERGENCY STATION	\$ _P	WITH PILOT LIGHT
	CODE BLUE STATION	\$ _{0L}	THERMAL OVERLOAD
$- (\psi_1 - (\psi_2 - (\psi_3 - \psi_3 -$	DOME LIGHT - SINGLE, DOUBLE, MULTI	\$P Sol	THERMAL OVERLOAD WITH PILOT
⊞	PHYSIOLOGICAL MONITOR OUTLET	\$	COMBINATION SWITCH AND RECEPTACLE
⊞"	PHYSIOLOGICAL MONITOR OUTLET MASTER	\$ _K	KEY OPERATED SWITCH
		D	WALL DIMMER (FLUSH-MOUNTED)
RECEPTA	CLES (BOTTOM 16" A.F.F.)		
	(EXCEPT AS NOTED OTHERWISE) DUPLEX CONVENIENCE OUTLET		
	QUADRAPLEX CONVENIENCE OUTLET		
	ISOLATED GROUND OUTLET		LOCK AND PROGRAM
	GROUND FAULT INTERRUPTING OUTLET		CLOCK - SINGLE FACE
·			CLOCK - DOUBLE FACE
	DUPLEX RECEPTACLE ON EMERGENCY CIRCUIT		CLOCK OUTLET
	COMBINATION OUTLET (120/240V.)		PROGRAM BELL
æ	WALL OUTLET (240V., 1-PHASE) (RATING AS NOTED)		
	WALL OUTLET (240V., 3-PHASE) (RATING AS NOTED)		
O _{pe}	ELECTRICAL OUTLET IN FLOOR (PEDESTAL-TYPE)		
O _{FE}	ELECTRICAL OUTLET IN FLOOR (FLUSH TYPE)	ELECT	RICAL ABBREVIATIONS
		A.F.F.	ABOVE FINISHED FLOOR
		A.T.C.P.	AUTOMATIC TEMPERATURE CONTROL PANEL
		с.	CONDUIT
COMMUNI	CATIONS (BOTTOM 16" A.F.F.)	F.A.	FIRE ALARM
Ø	(EXCEPT AS NOTED OTHERWISE) COMPUTER OUTLET IN WALL	G.F.I.	GROUND FAULT INTERRUPTER
 ⊙ _{PT}	TELEPHONE OUTLET IN FLOOR (PEDESTAL-TYPE)		
	· · · · · · · · · · · · · · · · · · ·	IG	ISOLATED GROUND
	TELEPHONE OUTLET IN FLOOR (FLUSH-TYPE)	JB	JUNCTION BOX
0 _{PC}	COMPUTER OUTLET IN FLOOR (PEDESTAL-TYPE)	Т.Т.С.	TELEPHONE TERMINAL CABINET
O _{FC}	COMPUTER OUTLET IN FLOOR (FLUSH-TYPE)	R	DEVICE OR OUTLET TO BE REMOVED
▼	TELEPHONE OUTLET IN WALL	W .	WIRE
٢	T.V. RECEIVER OUTLET		
Ø	T.V. CAMERA OUTLET		
Ψ		•	
•	CAMERA MONITOR OUTLET		
	CAMERA MONITOR OUTLET	NOTE:	

M	PL	UMBING LEGEND
	·	SANITARY OR WASTE PIPING
		VENT PIPING
	· · · · · · · · · · · · · · · · · · ·	
	<u>ک</u>	ROOF LEADER PIPING
	<u>}</u> ss	STORM SEWER PIPING
	→ SD → SD	STORM DRAIN PIPING
	، UD	UNDERFLOOR DRAINAGE PIPING
	→ — — — TO — — →	DRAIN TILE
h type)	· · · · · · · · · · · · · · · · · · ·	COLD WATER PIPING
M 16" A.F.F.)	·	HOT WATER PIPING
	(HOT WATER RECIRCULATING PIPING
	·→→ ··→ ··→ ··→ ··→ ··→ ··→ ··→ ··→ ··→	GAS PIPING
	· ۸	AIR PIPING
······································	، ،	VACUUM PIPING
	\boxtimes	
		GATE VALVE
	<u> </u>	BALL VALVE
		CHECK VALVE
TTOM 44" A.F.F.)	M	GAS COCK (SHUT-OFF VALVE)
TOR	k)	BALANCING COCK
	0	ELBOW (UP)
)	ELBOW (DOWN)
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AM	FIRE P $FIRE P$ $FP = 7$ $FP = 7$ $FP = 7$ $F = 7$	OXYGEN PIPING NITROUS OXIDE PIPING NITROGEN PIPING MEDICAL AR PIPING MEDICAL VACUUM PIPING WASTE GAS EVACUATION PIPING HIGH-LOW PRESSURE SWITCH (PLAN) ROTECTION LEGEND FIRE PROTECTION MAIN SPRINKLER BRANCH PIPING ELBOW (DOWN) ELBOW (DOWN) ELBOW (SIDE) TEE (UP) TEE (SIDE) SUPERVISED VALVE INSPECTOR'S TEST PIPING FLOW SWITCH SPRINKLER HEAD (PENDENT) SPRINKLER HEAD (SEM-RECESSED)
AM	FIRE P $FIRE P$ $FP = 7$ $FP = 7$ $FP = 7$ $F = 7$	OXYGEN PIPING INTROUS OXIDE PIPING INTROGEN PIPING MEDICAL AIR PIPING MEDICAL VACUUM PIPING WASTE GAS EVACUATION PIPING HGH-LOW PRESSURE SWITCH (PLAN) HGH-LOW PRESSURE SWITCH (PLAN) ROTECTION LEGEND FIRE PROTECTION MAIN SPRINKLER BRANCH PIPING ELBOW (UP) ELBOW (UP) ELBOW (DOWN) ELBOW (SIDE) TEE (UP) TEE (DOWN) TEE (DOWN) TEE (DOWN) TEE (SIDE) SUPERVISED VALVE INSPECTOR'S TEST PIPING FLOW SWITCH SPRINKLER HEAD (PENDENT) SPRINKLER HEAD (SEMI-RECESSED) SPRINKLER HEAD (UPRIGHT)
AM	FIRE P $FIRE P$ $FP = 7$ $FP = 7$ $FP = 7$ $F = 7$	OXYGEN PIPING NITROUS OXIDE PIPING NITROGEN PIPING MEDICAL AIR PIPING MEDICAL VACUUM PIPING HIGH-LOW PRESSURE SWITCH (PLAN) FIGE (ADM PRESSURE SWITCH (PLAN) FIRE PROTECTION LEGEND FIRE PROTECTION MAIN SPRINKLER BRANCH PIPING ELBOW (UP) ELBOW (UP) ELBOW (DOWN) ELBOW (SIDE) TEE (UP) TEE (UP) TEE (SIDE) SUPERVISED VALVE INSPECTOR'S TEST PIPING FLOW SWITCH SPRINKLER HEAD (PENDENT) SPRINKLER HEAD (CONCEALED) SPRINKLER HEAD (SIDEWALL)
AM	FIRE P $FIRE P$ $FP = 7$ $FP = 7$ $FP = 7$ $F = 7$	OXYGEN PIPING INTROUS OXIDE PIPING INTROGEN PIPING MEDICAL AIR PIPING MEDICAL VACUUM PIPING WASTE GAS EVACUATION PIPING HGH-LOW PRESSURE SWITCH (PLAN) HGH-LOW PRESSURE SWITCH (PLAN) ROTECTION LEGEND FIRE PROTECTION MAIN SPRINKLER BRANCH PIPING ELBOW (UP) ELBOW (DOWN) ELBOW (DOWN) ELBOW (SIDE) TEE (UP) TEE (DOWN) TEE (DOWN) TEE (DOWN) TEE (SIDE) SUPERVISED VALVE INSPECTOR'S TEST PIPING FLOW SWITCH SPRINKLER HEAD (PENDENT) SPRINKLER HEAD (SEMI-RECESSED) SPRINKLER HEAD (UPRIGHT)
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u v i Umm	CHANICAL		
Н	.V.A.C. LEGEND	HVA	.C. PIPE FITTINGS
14"x8"	RECTANGULAR DUCT WIDTH X DEPTH		GATE VALVE (SCREWED) PLAN, END VIEW
14"x8"ø	OVAL DUCT WIDTH X DEPTH		GATE VALVE (FLANGED) PLAN, END VIEW
8**	ROUND DUCT SIZE INDICATED DIAMETER		GLOBE VALVE (SCREWED) PLAN, END VIEW
			GLOBE VALVE (SCREWED) PLAN, END VIEW GLOBE VALVE (FLANGED) PLAN, END VIEW
	RISE IN DIRECTION OF ARROW		
			CHECK VALVE; SILENT CHECK VALVE
	RECTANGULAR TO ROUND TRANSITION		3-WAY CONTROL VALVE; 2-WAY CONTROL VALVE
	SQUARE ELBOW WITH TURNING VANES		COMB. BALANCING SHUT-OFF VALVE PLAN, END VIEW
	MANUAL VOLUME DAMPER	<u>'0'</u>	BASKET STRAINER
FD	FIRE DAMPER		3/4" DRAIN VALVE WITH HOSE CONNECTION
SD	SMOKE DAMPER	\searrow	SAFETY RELIEF VALVE
F/SD	COMBINATION FIRE/SMOKE DAMPER	۲ <u>۲</u>	Y-TYPE STRAINER WITH DRAIN VALVE
$\frown \Box \frown \Box$	ROUND DUCT UP, DOWN		FLEXIBLE CONNECTOR
	SUPPLY DUCT OR OUTSIDE AIR UP, DOWN	×−P	PRESSURE GAUGE
	RETURN DUCT UP, DOWN	ک	TEMPERATURE GAUGE
	EXHAUST AIR UP, DOWN	<u>بالب</u>	UNION
	FLEXIBLE CONNECTION	Cer Lr	MANUAL AIR VENT PLAN, ELEVATION
	MOTOR-OPERATED DAMPER		AUTOMATIC AIR VENT PLAN, ELEVATION
 	STATIC PRESSURE SENSOR IN DUCT		CONCENTRIC REDUCER PLAN, ELEVATION
	THERMOSTAT		ECCENTRIC REDUCER PLAN, ELEVATION
	NIGHT THERMOSTAT		
			BUTTERFLY VALVE
			BALL VALVE
-F	FLOW SWITCH		FLANGED CONNECTION
80-150 1.0 GPM	UNIT SYMBOL, MIN MAX. AIR, WATER FLOW (GPM)		NEEDLE VALVE IN GAUGE LINE
<u>VAV1</u> 60-150	UNIT SYMBOL, MIN MAX. AIR FLOW (CFM)		FINNED TUBE RADIATION - NUMBER INDICATES FEET OF ACTIVE ELEMENT REQUIRED
<u>C.Y1</u> 150	UNIT SYMBOL, MAX. AIR FLOW (CFM)		
<u>HC-1</u> 1.0	UNIT SYMBOL, MAX. WATER FLOW (GPM)	A	BBREVIATIONS
	SOUND TRAP IN DUCT		PLUMBING
S-1 250	SUPPLY DIFFUSER TYPE, CFM (FOUR WAY)	С.І.	CAST IRON
S-1 250	SUPPLY DIFFUSER TYPE, CFM (THREE WAY)	C.O.	CLEANOUT
S-1 250	SUPPLY DIFFUSER TYPE, CFM (TWO WAY CORNER)	CW	COLD WATER
S-1 250	SUPPLY DIFFUSER TYPE, CFM (TWO WAY OPPOSITE)	FD	FLOOR DRAIN
S-1 250	SUPPLY DIFFUSER TYPE, CFM (ONE WAY)	HW	HOT WATER
R-1 250	RETURN INLET TYPE, CFM	O.H.D.	OPEN HUB DRAIN
E-1 250	EXHAUST INLET TYPE, CFM	0. R .	OPEN RECEPTACLE
	ACCESS DOOR PLAN, SIDE VIEW	P.V.C.	POLY-VINYL CHLORIDE
•		-	
* * * * * *	EXISTING DUCTWORK TO BE REMOVED	RD	ROOF DRAIN
* * * * * * * •	EXISTING DUCTWORK TO BE REMOVED CONNECT TO EXISTING	RD SA	ROOF DRAIN SHOCK ARRESTOR
		SA	Shock Arrestor
	CONNECT TO EXISTING	SA VTR	Shock Arrestor Vent-Through-Roof Vitrified Clay Pipe
H.V.A.	CONNECT TO EXISTING	SA VTR VCP	Shock Arrestor Vent-Through-Roof
H.V.A. <u>→× × × ×</u>	CONNECT TO EXISTING C. PIPING LEGEND EXISTING PIPING TO BE REMOVED	SA VTR VCP A.A.V.	SHOCK ARRESTOR VENT-THROUGH-ROOF VITRIFIED CLAY PIPE H.V.A.C. AUTOMATIC AIR VENT
H.V.A. → × × × × → → HPS	CONNECT TO EXISTING	SA VTR VCP	SHOCK ARRESTOR VENT-THROUGH-ROOF VITRIFIED CLAY PIPE H.V.A.C.
H.V.A. }× × × × ×	CONNECT TO EXISTING C. PIPING LEGEND EXISTING PIPING TO BE REMOVED	SA VTR VCP A.A.V.	SHOCK ARRESTOR VENT-THROUGH-ROOF VITRIFIED CLAY PIPE H.V.A.C. AUTOMATIC AIR VENT
H.V.A. → × × × × → → → → → → → → → → → → → → →	CONNECT TO EXISTING C. PIPING LEGEND EXISTING PIPING TO BE REMOVED HIGH PRESSURE STEAM	SA VTR VCP A.A.V. A.D.	SHOCK ARRESTOR VENT-THROUGH-ROOF VITRIFIED CLAY PIPE H.V.A.C. AUTOMATIC AIR VENT ACCESS DOOR
H.V.A. HPS	CONNECT TO EXISTING C. PIPING LEGEND EXISTING PIPING TO BE REMOVED HIGH PRESSURE STEAM HIGH PRESSURE CONDENSATE RETURN	SA VTR VCP A.A.V. A.D. A.F.	SHOCK ARRESTOR VENT-THROUGH-ROOF VITRIFIED CLAY PIPE H.V.A.C. AUTOMATIC AIR VENT ACCESS DOOR ABOVE FLOOR
H.V.A.	CONNECT TO EXISTING C. PIPING LEGEND EXISTING PIPING TO BE REMOVED HIGH PRESSURE STEAM HIGH PRESSURE CONDENSATE RETURN MEDIUM PRESSURE STEAM MEDIUM PRESSURE CONDENSATE RETURN	SA VTR VCP A.A.V. A.D. A.F. B.E.	SHOCK ARRESTOR VENT-THROUGH-ROOF VITRIFIED CLAY PIPE H.V.A.C. AUTOMATIC AIR VENT ACCESS DOOR ABOVE FLOOR BELLMOUTH ENTRANCE
H.V.A. H.V.A. HPS	CONNECT TO EXISTING C. PIPING LEGEND EXISTING PIPING TO BE REMOVED HIGH PRESSURE STEAM HIGH PRESSURE CONDENSATE RETURN MEDIUM PRESSURE STEAM MEDIUM PRESSURE CONDENSATE RETURN	SA VTR VCP A.A.V. A.D. A.F. B.E. C.	Shock Arrestor Vent-Through-roof Vitrified clay pipe H.V.A.C. Automatic air vent Access door Above floor Bellmouth entrance Common
H.V.A. H.V.A. HPS	CONNECT TO EXISTING C. PIPING LEGEND EXISTING PIPING TO BE REMOVED HIGH PRESSURE STEAM HIGH PRESSURE CONDENSATE RETURN MEDIUM PRESSURE STEAM MEDIUM PRESSURE CONDENSATE RETURN LOW PRESSURE STEAM	SA VTR VCP A.A.V. A.D. A.F. B.E. C. D.P.	SHOCK ARRESTOR VENT-THROUGH-ROOF VITRIFIED CLAY PIPE H.V.A.C. AUTOMATIC AIR VENT ACCESS DOOR ABOVE FLOOR BELLMOUTH ENTRANCE COMMON DIFFUSER PLATE
H.V.A.	CONNECT TO EXISTING CONNECT TO EXISTING C. PIPING LEGEND EXISTING PIPING TO BE REMOVED HIGH PRESSURE STEAM HIGH PRESSURE CONDENSATE RETURN MEDIUM PRESSURE STEAM MEDIUM PRESSURE CONDENSATE RETURN LOW PRESSURE STEAM LOW PRESSURE CONDENSATE RETURN	SA VTR VCP A.A.V. A.D. A.F. B.E. C. D.P. E.A.	SHOCK ARRESTOR VENT-THROUGH-ROOF VITRIFIED CLAY PIPE H.V.A.C. AUTOMATIC AIR VENT ACCESS DOOR ABOVE FLOOR BELLMOUTH ENTRANCE COMMON DIFFUSER PLATE EXHAUST AIR
H.V.A. H.V.A. HPS HPS HPS HPR HPR HPR HPR HPR HPR HPR HPR	CONNECT TO EXISTING CONNECT TO EXISTING C. PIPING LEGEND EXISTING PIPING TO BE REMOVED HIGH PRESSURE STEAM HIGH PRESSURE CONDENSATE RETURN MEDIUM PRESSURE CONDENSATE RETURN MEDIUM PRESSURE CONDENSATE RETURN LOW PRESSURE STEAM LOW PRESSURE STEAM LOW PRESSURE CONDENSATE RETURN STEAM VENT	SA VTR VCP A.A.V. A.D. A.F. B.E. C. D.P. E.A. E.M.D.	SHOCK ARRESTOR VENT-THROUGH-ROOF VITRIFIED CLAY PIPE H.V.A.C. AUTOMATIC AIR VENT ACCESS DOOR ABOVE FLOOR BELLMOUTH ENTRANCE COMMON DIFFUSER PLATE EXHAUST AIR END OF MAIN DRIP
H.V.A.	CONNECT TO EXISTING C. PIPING LEGEND EXISTING PIPING TO BE REMOVED HIGH PRESSURE STEAM HIGH PRESSURE CONDENSATE RETURN MEDIUM PRESSURE STEAM MEDIUM PRESSURE CONDENSATE RETURN LOW PRESSURE STEAM LOW PRESSURE STEAM LOW PRESSURE CONDENSATE RETURN STEAM VENT CONDENSATE PUMP DISCHARGE	SA VTR VCP A.A.V. A.D. A.F. B.E. C. D.P. E.A. E.M.D. F.D.	SHOCK ARRESTOR VENT-THROUGH-ROOF VTTRIFIED CLAY PIPE H.V.A.C. AUTOMATIC AIR VENT ACCESS DOOR ABOVE FLOOR BELLMOUTH ENTRANCE COMMON DIFFUSER PLATE EXHAUST AIR END OF MAIN DRIP FIRE DAMPER
H.V.A. H.V.A. HPS HPS HPS HPR HPR HPR HPR HPR HPR HPR HPR	CONNECT TO EXISTING CONNECT TO EXISTING C. PIPING LEGEND EXISTING PIPING TO BE REMOVED HIGH PRESSURE STEAM HIGH PRESSURE CONDENSATE RETURN MEDIUM PRESSURE STEAM MEDIUM PRESSURE CONDENSATE RETURN LOW PRESSURE STEAM LOW PRESSURE CONDENSATE RETURN STEAM VENT CONDENSATE PUMP DISCHARGE SAFETY RELIEF VALVE VENT	SA VTR VCP A.A.V. A.D. A.F. B.E. C. D.P. E.A. E.M.D. F.D. F.M.S.	SHOCK ARRESTOR VENT-THROUGH-ROOF VITRIFIED CLAY PIPE H.V.A.C. AUTOMATIC AIR VENT ACCESS DOOR ABOVE FLOOR BELLIMOUTH ENTRANCE COMMON DIFFUSER PLATE EXHAUST AIR END OF MAIN DRIP FIRE DAMPER FLOW MEASURING STATION
H.V.A. $\begin{array}{c c} H.V.A.\\ \hline H.V.A.\\ \hline HPS \\ HPS \\ HPS \\ \hline HPR \\ HPR \\ \hline HR \\ $	CONNECT TO EXISTING CONNECT TO EXISTING C. PIPING LEGEND EXISTING PIPING TO BE REMOVED HIGH PRESSURE STEAM HIGH PRESSURE CONDENSATE RETURN MEDIUM PRESSURE CONDENSATE RETURN LOW PRESSURE STEAM LOW PRESSURE CONDENSATE RETURN STEAM VENT CONDENSATE PUMP DISCHARGE SAFETY RELIEF VALVE VENT EMERGENCY GENERATOR EXHAUST	SA VTR VCP A.A.V. A.D. A.F. B.E. C. D.P. E.A. E.M.D. F.D. F.S.D.	SHOCK ARRESTOR VENT-THROUGH-ROOF VITRIFIED CLAY PIPE H.V.A.C. AUTOMATIC AIR VENT ACCESS DOOR ABOVE FLOOR BELLMOUTH ENTRANCE COMMON DIFFUSER PLATE EXHAUST AIR END OF MAIN DRIP FIRE DAMPER FLOW MEASURING STATION FIRE/SMOKE DAMPER
H.V.A. $\begin{array}{c c} H.V.A.\\ \hline H.V.A.\\ \hline HPS \\ HPS \\ \hline HPS \\ \hline HPR \\ \hline \\ F \\ F$	CONNECT TO EXISTING C. PIPING LEGEND EXISTING PIPING TO BE REMOVED HIGH PRESSURE STEAM HIGH PRESSURE CONDENSATE RETURN MEDIUM PRESSURE STEAM MEDIUM PRESSURE CONDENSATE RETURN LOW PRESSURE STEAM LOW PRESSURE CONDENSATE RETURN STEAM VENT CONDENSATE PUMP DISCHARGE SAFETY RELIEF VALVE VENT EMERGENCY GENERATOR EXHAUST EXPANSION TANK PIPE	SA VTR VCP A.A.V. A.D. A.F. B.E. C. D.P. E.A. E.M.D. F.D. F.M.S. F.S.D. I.B.	SHOCK ARRESTOR VENT-THROUGH-ROOF VITRIFIED CLAY PIPE H.V.A.C. AUTOMATIC AIR VENT ACCESS DOOR ABOVE FLOOR BELLMOUTH ENTRANCE COMMON DIFFUSER PLATE EXHAUST AIR END OF MAIN DRIP FIRE DAMPER FLOW MEASURING STATION FIRE/SMOKE DAMPER INLET BELL
H.V.A. $ \begin{array}{c c} HPS & + + + + + + + + + + + + + + + + + + $	CONNECT TO EXISTING C. PIPING LEGEND EXISTING PIPING TO BE REMOVED HIGH PRESSURE STEAM HIGH PRESSURE CONDENSATE RETURN MEDIUM PRESSURE STEAM MEDIUM PRESSURE CONDENSATE RETURN LOW PRESSURE STEAM LOW PRESSURE CONDENSATE RETURN STEAM VENT CONDENSATE PUMP DISCHARGE SAFETY RELIEF VALVE VENT EMERGENCY GENERATOR EXHAUST EXPANSION TANK PIPE VENT	SA VTR VCP AA.V. A.D. A.F. B.E. C. D.P. E.A. E.M.D. F.D. F.S.D. I.B. I.S.	SHOCK ARRESTOR VENT-THROUGH-ROOF VITRIFIED CLAY PIPE H.V.A.C. AUTOMATIC AIR VENT ACCESS DOOR ABOVE FLOOR BELLMOUTH ENTRANCE COMMON DIFFUSER PLATE EXHAUST AIR END OF MAIN DRIP FIRE DAMPER FILOW MEASURING STATION FIRE/SMOKE DAMPER INLET BELL INLET SCREEN
H.V.A. $ \begin{array}{c} $	CONNECT TO EXISTING CONNECT TO EXISTING C. PIPING TO BE REMOVED EXISTING PIPING TO BE REMOVED HIGH PRESSURE STEAM HIGH PRESSURE CONDENSATE RETURN MEDIUM PRESSURE CONDENSATE RETURN ILOW PRESSURE STEAM LOW PRESSURE CONDENSATE RETURN STEAM VENT CONDENSATE PUMP DISCHARGE SAFETY RELIEF VALVE VENT EMERGENCY GENERATOR EXHAUST EXPANSION TANK PIPE VENT CONDENSER WATER SUPPLY	SA VTR VCP AA.V. A.D. A.F. B.E. C. D.P. E.A. E.M.D. F.D. F.S.D. I.B. I.S. M.A.V.	SHOCK ARRESTOR VENT-THROUGH-ROOF VITRIFIED CLAY PIPE H.V.A.C. AUTOMATIC AIR VENT ACCESS DOOR ABOVE FLOOR BELLMOUTH ENTRANCE COMMON DIFFUSER PLATE EXHAUST AIR END OF MAIN DRIP FIRE DAMPER FLOW MEASURING STATION FIRE/SMOKE DAMPER INLET BELL INLET SCREEN MANUAL AIR VENT
H.V.A. $\begin{array}{c c} HPS & HPS \\ HPS & HPS \\ HPR & HPR \\ HPR & HR \\ HR & $	CONNECT TO EXISTING CONNECT TO EXISTING C. PIPING LEGEND EXISTING PIPING TO BE REMOVED HIGH PRESSURE STEAM HIGH PRESSURE CONDENSATE RETURN MEDIUM PRESSURE CONDENSATE RETURN LOW PRESSURE CONDENSATE RETURN LOW PRESSURE CONDENSATE RETURN STEAM VENT CONDENSATE PUMP DISCHARGE SAFETY RELIEF VALVE VENT EMERGENCY GENERATOR EXHAUST EXPANSION TANK PIPE VENT CONDENSER WATER SUPPLY CONDENSER WATER RETURN	SA VTR VCP AA.V. A.D. A.F. B.E. C. D.P. E.A. E.M.D. F.D. F.S.D. I.B. I.S. M.A.V. M.D.	SHOCK ARRESTOR VENT-THROUGH-ROOF VITRIFIED CLAY PIPE H.V.A.C. AUTOMATIC AIR VENT ACCESS DOOR ABOVE FLOOR BELLMOUTH ENTRANCE COMMON DIFFUSER PLATE EXHAUST AIR END OF MAIN DRIP FIRE DAMPER FILOW MEASURING STATION FIRE/SMOKE DAMPER INLET BELL INLET SCREEN MANUAL AIR VENT MOTOR OPERATED DAMPER
H.V.A. $ \begin{array}{c c} HPS & HPS \\ \hline HPS & HPS \\ \hline HPR & HPR \\ \hline HPS & HPR \\ \hline HPS & HPR \\ \hline HPS & HPR \\ \hline HWS & HWS \\ $	CONNECT TO EXISTING CONNECT TO EXISTING C. PIPING LEGEND EXISTING PIPING TO BE REMOVED HIGH PRESSURE STEAM HIGH PRESSURE CONDENSATE RETURN MEDIUM PRESSURE CONDENSATE RETURN LOW PRESSURE CONDENSATE RETURN LOW PRESSURE CONDENSATE RETURN STEAM VENT CONDENSATE PUMP DISCHARGE SAFETY RELIEF VALVE VENT EMERGENCY GENERATOR EXHAUST EXPANSION TANK PIPE VENT CONDENSER WATER SUPPLY CONDENSER WATER RETURN HOT WATER SUPPLY	SA VTR VCP AA.V. A.D. A.F. B.E. C. D.P. E.A. E.M.D. F.D. F.M.S. F.S.D. I.B. I.S. M.A.V. M.D. M.E.	SHOCK ARRESTOR VENT-THROUGH-ROOF VITRIFIED CLAY PIPE H.V.A.C. AUTOMATIC AIR VENT ACCESS DOOR ABOVE FLOOR BELLMOUTH ENTRANCE COMMON DIFFUSER PLATE EXHAUST AIR END OF MAIN DRIP FIRE DAMPER FIRE DAMPER FIRE/SMOKE DAMPER INLET BELL INLET SCREEN MANUAL AIR VENT MOTOR OPERATED DAMPER MOISTURE ELIMINATORS
H.V.A. $\begin{array}{c} H.V.A.$ $\begin{array}{c} H.V.A.$ $\begin{array}{c} HPS \\ HPS \\ HPS \\ HPS \\ HPR \\$	CONNECT TO EXISTING CONNECT TO EXISTING C. PIPING LEGEND EXISTING PIPING TO BE REMOVED HIGH PRESSURE STEAM HIGH PRESSURE CONDENSATE RETURN MEDIUM PRESSURE CONDENSATE RETURN MEDIUM PRESSURE CONDENSATE RETURN LOW PRESSURE STEAM LOW PRESSURE CONDENSATE RETURN STEAM VENT CONDENSATE PUMP DISCHARGE SAFETY RELIEF VALVE VENT EMERGENCY GENERATOR EXHAUST EXPANSION TANK PIPE VENT CONDENSER WATER RETURN HOT WATER SUPPLY HOT WATER RETURN	SA VTR VCP AA.V. A.D. A.F. B.E. C. D.P. E.A. E.M.D. F.D. F.M.S. F.S.D. I.B. I.S. M.A.V. M.D. M.E. N.C.	SHOCK ARRESTOR VENT-THROUGH-ROOF VITRIFIED CLAY PIPE H.V.A.C. AUTOMATIC AIR VENT ACCESS DOOR ABOVE FLOOR BELLMOUTH ENTRANCE COMMON DIFFUSER PLATE EXHAUST AIR END OF MAIN DRIP FIRE DAMPER FILOW MEASURING STATION FIRE/SMOKE DAMPER INLET BELL INLET SCREEN MANUAL AIR VENT MOTOR OPERATED DAMPER MOISTURE ELIMINATORS NORMALLY CLOSED
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SITE UTILITIES SITE UTILITIES LEGEND MECHANICAL EXISTING SANITARY SEWER —ES—— NEW SANITARY SEWER NEW STORM SEWER FIRE PROTECTION LINE EXISTING COLD WATER SERVICE -----EW------NEW COLD WATER SERVICE EXISTING HIGH PRESSURE GAS ------ EHPG ------HIGH PRESSURE GAS ------ HPG------EXISTING GAS -----EG------NEW GAS **—** () **—** CURB VALVE WITH VALVE BOX -0----VALVE WITH VALVE BOX $\mathbf{\hat{w}}$ UTILITY MARKER THRUST BLOCK \bigcirc HYDRAULIC CALCULATION REFERENCE POINT CAST IRON C.I. ELEV. ELEVATION EXIST. EXISTING F.H. FIRE HYDRANT G.C.O. GRADE CLEANOUT INVERT ELEVATION I.E. P.I.V. POST INDICATOR VALVE P.V.C. POLYVINYL CHLORIDE PIPING TOP ELEVATION T.E. ELECTRICAL -----OE------→ EXISTING OVERHEAD ELECTRIC OVERHEAD ELECTRIC CE/T OVERHEAD ELECTRIC/TELEPHONE -----EE------→ EXISTING ELECTRIC UNDERGROUND Hanch Circuit Underground UNDERGROUND PRIMARY SERVICE UNDERGROUND SECONDARY SERVICE UNDERGROUND TELEPHONE CONDUIT ______ TV ______? UNDERGROUND TELEVISION CONDUIT **⊶** LIGHTING STANDARD ⊣ ָ**ֶ**⊢ EXISTING POST LIGHT Ъ. POST LIGHT

NOTE:

THE SYMBOLS LISTED ON THIS SHEET MAY NOT ALL BE USED ON THE CONTRACT DRAWINGS, HOWEVER, WHEREVER A SYMBOL IS USED, THE ITEM SHALL BE FURNISHED AND INSTALLED.

> RECORD DRAWINGS DATE 9-8-95 These record drawings have been prepared, in part, on the basis of information compiled and furnished by others. The Engineer will not be responsible for any errors or omissions which have been incorporated into this document as a result. STAGGS & FISHER CONSULTING ENGINEERS, INC.

