

MEDICAL RESEARCH EXPANSION SPACE

UNIVERSITY OF KENTUCKY

PROJECT NO. 747.0



UNIVERSITY OF KENTUCKY

" A TRADITION OF VALUE "

**PLUMBING, FIRE PROTECTION,
H.V.A.C. AND ELECTRICAL DRAWINGS**

CMW
ARCHITECTS AND ENGINEERS
IN ASSOCIATION WITH

CANNON
ARCHITECTS, ENGINEERS
AND PLANNERS

STAGGS AND FISHER
MECHANICAL AND ELECTRICAL
ENGINEERS

WHITE, WALKER AND MCREYNOLDS
STRUCTURAL ENGINEERS

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CONSULTANT

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PROGRAMMING CONSULTANT

SCHEDULE OF DRAWINGS

SITE UTILITIES

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H.V.A.C.

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APPLICABLE CODES

THE KENTUCKY BUILDING CODE / 1991
BOCA NATIONAL MECHANICAL CODE / 1990
NFPA 70 - NATIONAL ELECTRICAL CODE / 1990
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)

STANDARDS

AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)
AMERICAN SOCIETY FOR MECHANICAL ENGINEERS (ASME)
AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)
AMERICAN WATER WORKS ASSOCIATION (AWWA)
NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA)
NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)
UNDERWRITERS' LABORATORIES (UL)

CONSTRUCTION TYPE: 1B NONCOMBUSTIBLE
USE GROUP CLASSIFICATION: B BUSINESS

SQUARE FOOTAGE 99,830 CSF
GROUND COVERAGE 18,089 SF

PROJECT NUMBER: 90240.01
DATE: DECEMBER, 1992

LUCILLE PARKER MARKEY
COMBS CANCER CENTER
FIRST FL. ELEV. 995.58'

ANIMAL PATHOLOGY BUILDING
FIRST FL. ELEV. 1001.97'

MEDICAL CENTER ANNEX #5
FIRST FL. ELEV. 997.25'

NEW MEDICAL RESEARCH FACILITY
FIRST FL. ELEV. 924.0'
BASEMENT FL. ELEV. 879.0'

MEDICAL CENTER SURGE BLDG.
FIRST FL. ELEV. 992.88'

U.K. MEDICAL CENTER
FIRST FL. ELEV. 993.88'

V.A. HOSPITAL
FIRST FL. ELEV. 991.98'

SITE UTILITIES PLAN

SCALE: 1" = 30'-0"

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.
- INSTALL DOMESTIC WATER PIPING WITH 3'-6" MINIMUM COVER.
- INSTALL FIRE PROTECTION PIPING WITH 4'-0" MINIMUM COVER.
- INSTALL UNDERGROUND SECONDARY FEEDERS WITH 2'-0" MINIMUM COVER.
- 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 CHARTERED, UNCHARTERED OR MISLOCATED UTILITY SERVICE IS INTERRUPTED FOR ANY 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.
- TEL-DUCT SHALL BE MODEL TO 125-4 (4-WAY 1-1/4") TRACER.

CODED NOTES - DRAWING 2.01:

- EXISTING LIGHT FIXTURE TO BE REMOVED.
- EXISTING LIGHT FIXTURE TO REMAIN.
- TAP NEW UNDERGROUND DUCTBANK INTO EXISTING MANHOLE AS REQUIRED.
- NEW COMMUNICATION DUCTBANK. (2) TEL-DUCT AND (4) 4" CONDUITS CONCRETE ENCASED. SEE DETAIL, DRAWING 2.03.
- EXISTING HANDHOLE TO REMAIN.
- ABANDON EXISTING UNDERGROUND COMMUNICATION.
- TAP (2) NEW TEL-DUCT INTO EXISTING MANHOLE AS REQUIRED. CONNECT 4 NEW 4" CONDUITS TO 4 EXISTING SPARE CONDUITS.
- STUB OUT (2) 4" TEL-DUCT AND (4) 4" CONDUITS, CONCRETE ENCASED, FOR FUTURE CONNECTION. PIPE SHALL EXTEND 2'-0" PAST END OF ENCASUREMENT.
- NEW COMMUNICATION MANHOLE. MAKE CONNECTION TO LIGHT AND RECEPTACLE AS REQUIRED. SEE DRAWING 2.03 FOR DETAIL.
- NEW COMMUNICATION DUCTBANK. (4) 4" CONDUIT, CONCRETE ENCASED, SIMILAR TO DETAIL ON DRAWING 2.03.
- NEW DUCTBANK SHALL BE ROUTED UNDER EXISTING FOOTER AND UP INTO MECHANICAL ROOM ADJACENT TO EXISTING PRIOR. EXISTING EXTERIOR FULL BOX IN MECHANICAL ROOM AS REQUIRED. SO THAT NEW PIPE TERMINATES IN BOX.
- ABANDON EXISTING UNDERGROUND COMMUNICATIONS AFTER INSTALLATION OF NEW DUCTBANK AND MANHOLES AND AFTER U.K. COMMUNICATIONS DETAILS NEW UNDERGROUND FEEDS. EXISTING SERVICE MUST REMAIN ACTIVE UNTIL AFTER INSTALLATION OF NEW SERVICES.
- MAKE CONNECTION TO RECEPTACLE VENTILATION FAN AND LIGHT FIXTURE AS REQUIRED. SEE DRAWING 2.04.
- 2#8'S & 1#6 GND. IN 1".
- NEW PRIMARY MANHOLE. MAKE CONNECTION TO LIGHT AND RECEPTACLE AS REQUIRED. SEE DETAIL, DRAWING 2.03.
- 2#8'S & 1#6 GND. IN 1".
- 4" PATIO DECK DRAIN, ZURN MODEL Z-154-ZN OR EQUAL.
- NEW CATCH BASIN. SEE DETAIL ON DRAWING 2.03.
- INSTALL NEW STORM MANHOLE. SEE DETAIL ON DRAWING 2.04.
- INSTALL GRADE CLEANOUT. SEE DETAIL ON DRAWING 2.03.
- INSTALL CLUMP INLET BOX. SEE DETAIL ON DRAWING 2.04.
- EXISTING FIRE HYDRANT TO REMAIN.
- EXISTING FIRE HYDRANT TO RELOCATE TO NEW LOCATION.
- EXISTING FIRE DEPARTMENT CONNECTION TO RELOCATE TO NEW LOCATION. RELOCATE EXISTING PIT ALSO.
- INSTALL NEW STORM MANHOLE SIMILAR TO DETAIL ON SHEET 2.04. PROVIDE PLANGED FLAP VALVE (EQUAL TO NEEDHAM MODEL R-5004) ON INLET PIPE.
- REMOVE EXISTING STORM PIPE.
- FIRE PROTECTION AND WATER METER VAULT. SEE DETAIL ON DRAWING 2.04.
- 4-1/2" FIRE DEPARTMENT CONNECTION. SEE DETAIL ON DRAWING 2.04.
- INSTALL NEW VALVE IN EXISTING 8" WATER LINE.

30 ACTUAL ROUTE 10" CWR AND CWS

31 PER DAN BRANSCUM THIS ROUTE NOT USED. SEE NOTE 30.

RECORD DRAWINGS DATE AUGUST 1995

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.

project no.	
date	
file no.	
drawn by	DWH, JCR
checked by	DHB, GOC
project no.	90240.01
scale	1" = 30'-0"
drawing title	SITE UTILITIES PLAN
revision	
issue date	DEC. 92
drawing title	SITE UTILITIES PLAN
revision	
drawn by	DWH, JCR
checked by	DHB, GOC
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revision	
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revision	

FAILURE TO ABIDE BY DESIGN DOCUMENTS OR TO OBTAIN GUIDANCE FROM THE DESIGN PROFESSIONAL, WAIVES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR FOR PROBLEMS WHICH ARISE FROM OTHERS FAILURE TO OBTAIN AND/OR FOLLOW THE DESIGN PROFESSIONALS GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.

approved by **FINAL DOCUMENTS**

Director - design and construction division

THE UNIVERSITY OF KENTUCKY

MEDICAL RESEARCH
EXPANSION SPACE
PROJECT NO. 747.0
Lexington, Kentucky



ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

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Buffalo
New York
St. Louis
Washington

165 North Meramec, Suite 800
St. Louis, Missouri
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CMW

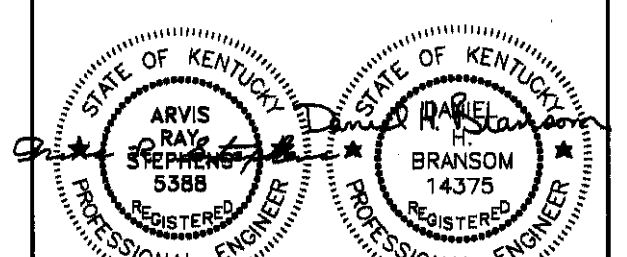
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ARCHITECTURE ENGINEERING
PLANNING INTERIORS

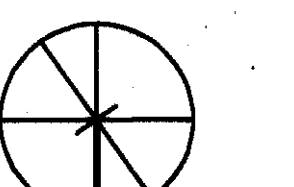
326 South Broadway
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317 South Ashland Avenue
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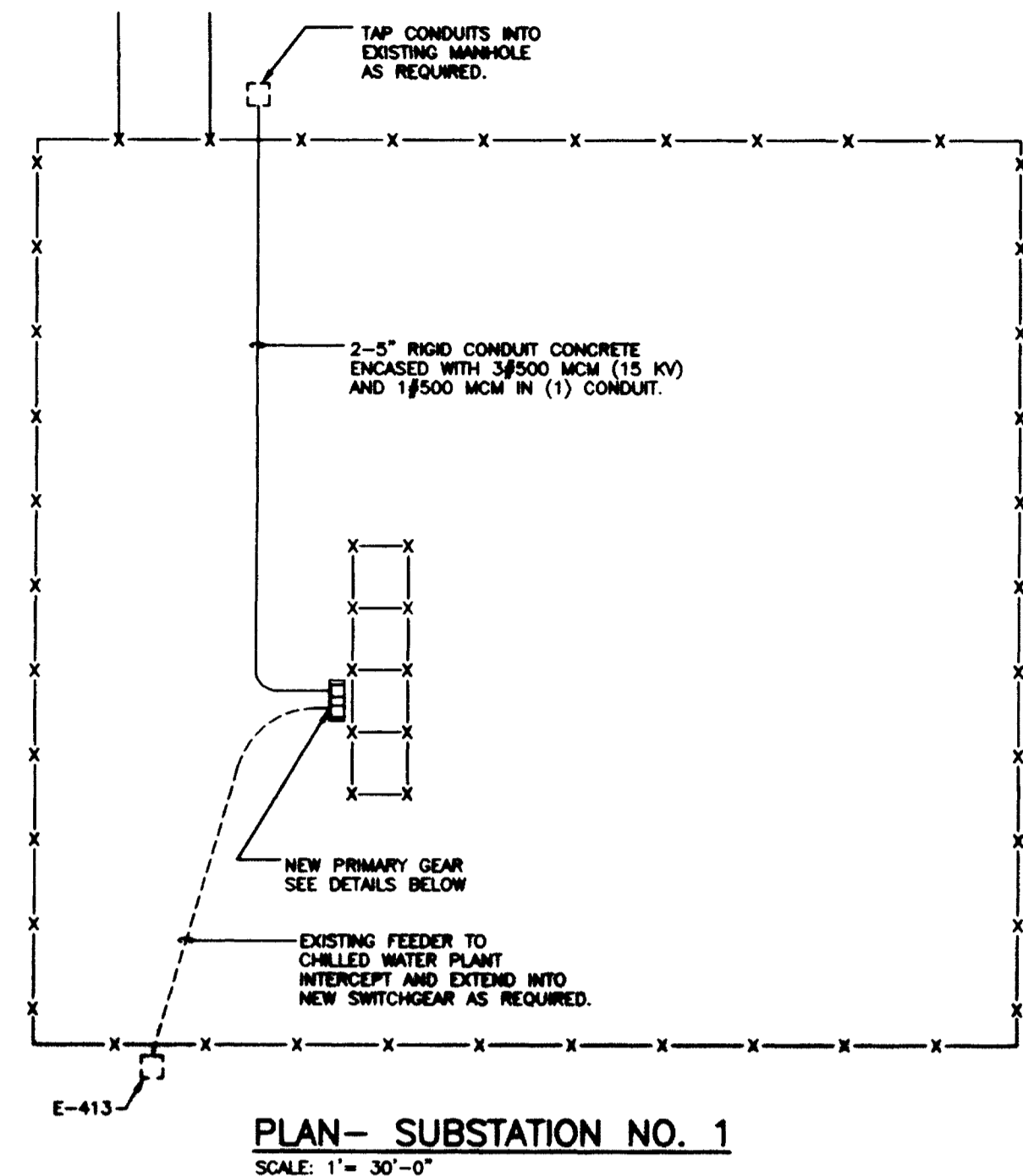
Project North

INSTALL NEW MANHOLE	10/18/94
ADDED CATCH BASIN AS SHOWN ON SHEET 2.03	1/03/94
STORM SEWER MODIFICATIONS	4/07/93
INSTALL VALVES IN WATER LINE	3/06/93
ADDED FIRE HYDRANT	3/06/93
STORM SEWER INVERT ELEV. CLARIFICATIONS	3/06/93
MISC. CHANGES	1/15/93

Revision Date:
Issue Date DEC. 92
Drawing Title

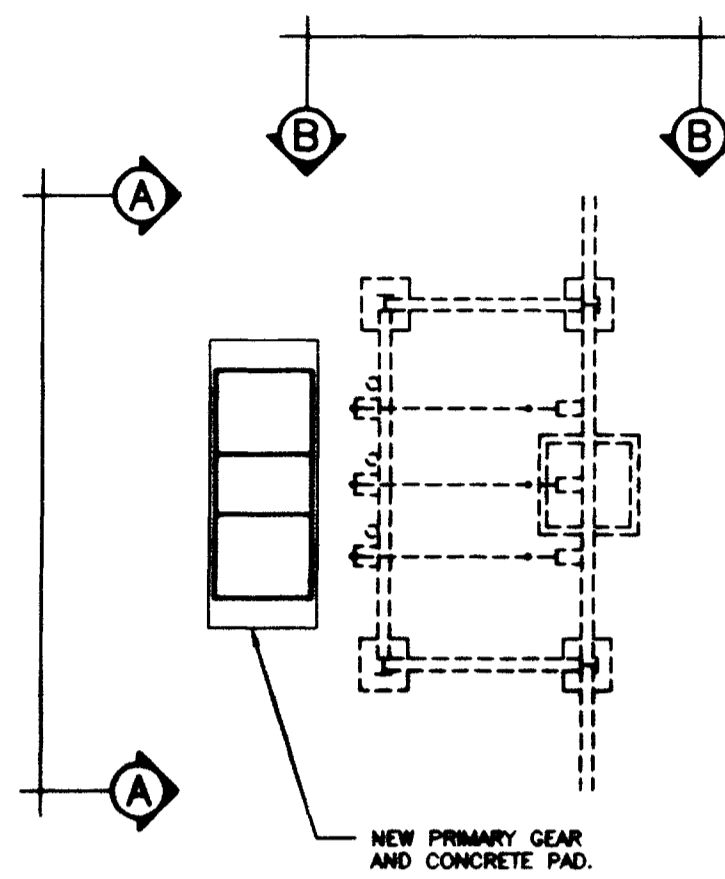
SITE UTILITIES PLAN

Drawn by
DWH, JCR
Checked by
DHB, GOC
Project No. 90240.01
Scale 1" = 30'-0"
Drawing No. 2.01

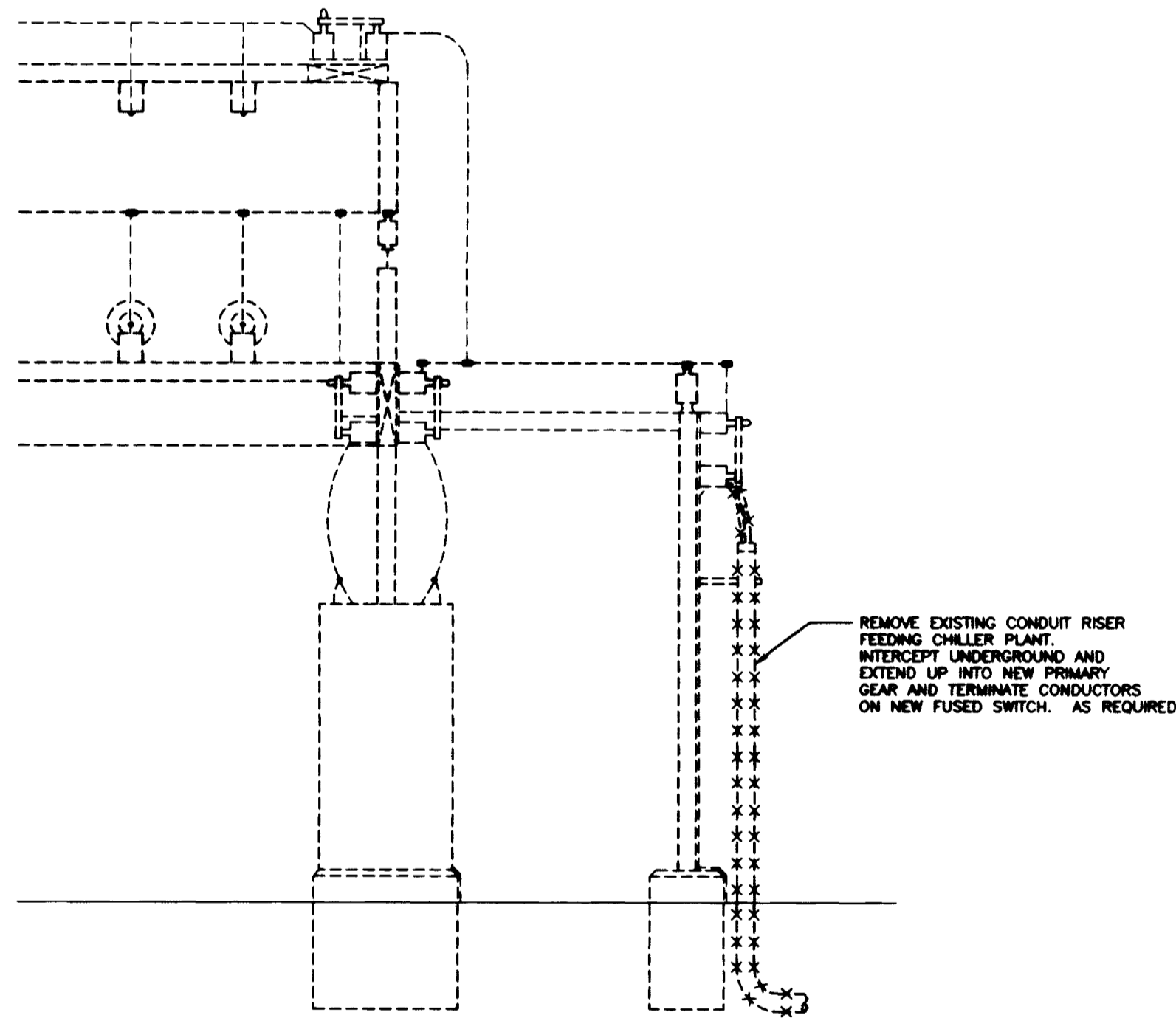
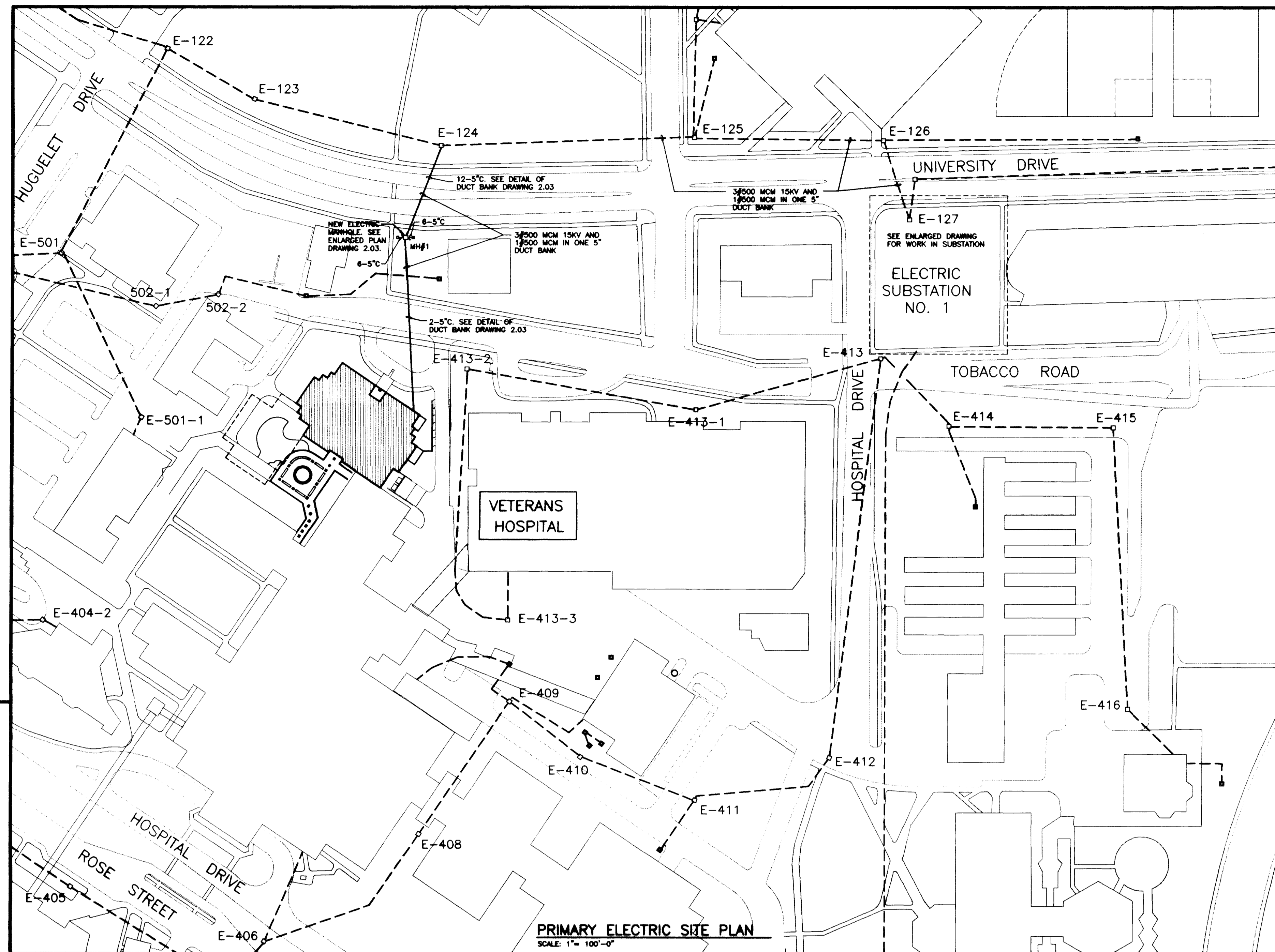


PLAN- SUBSTATION NO. 1
SCALE: 1" = 30'-0"

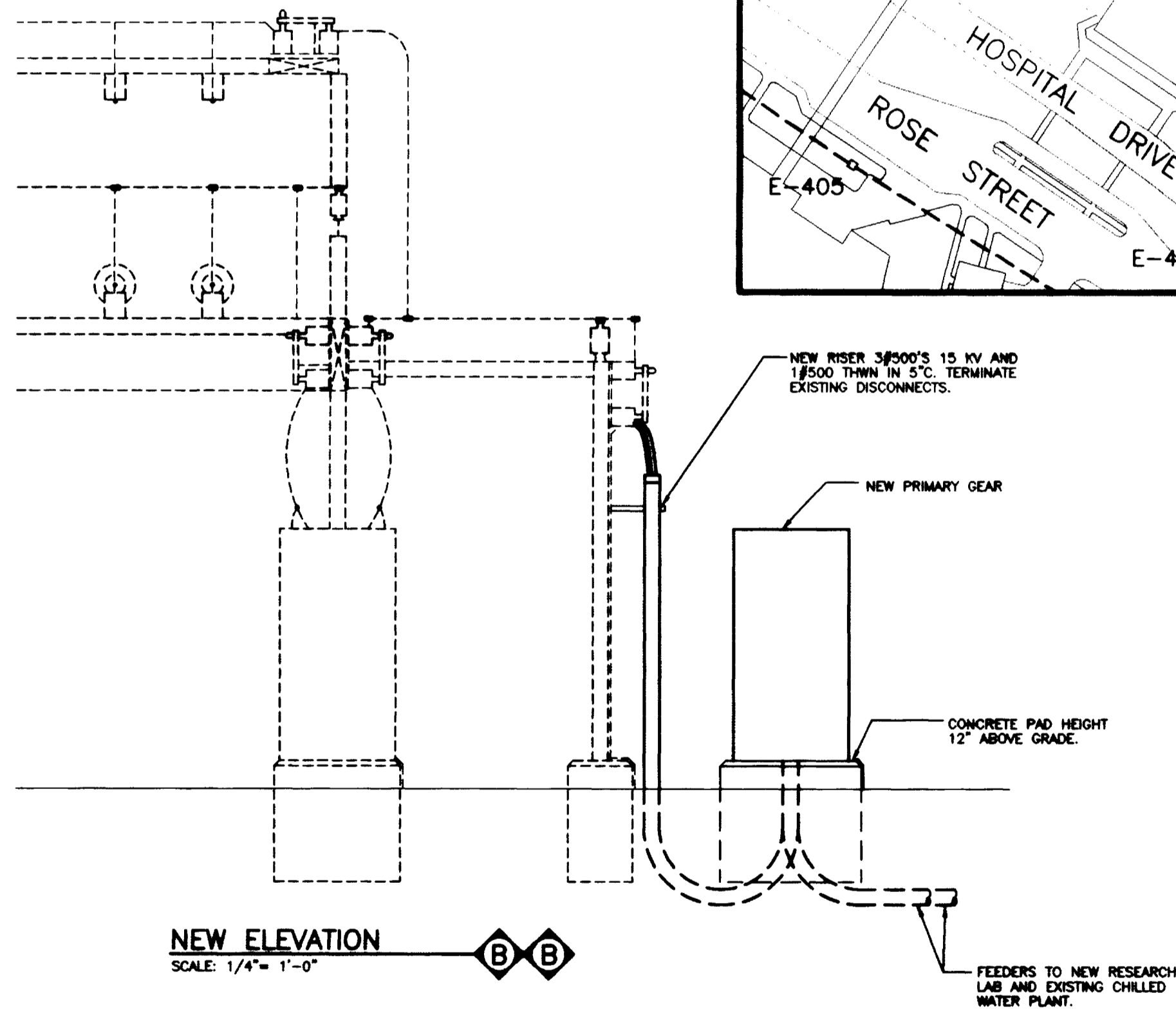
NOTE:
CONTRACTOR SHALL LOCATE GROUNDING GRID TO PREVENT DAMAGE DURING EXCAVATION.



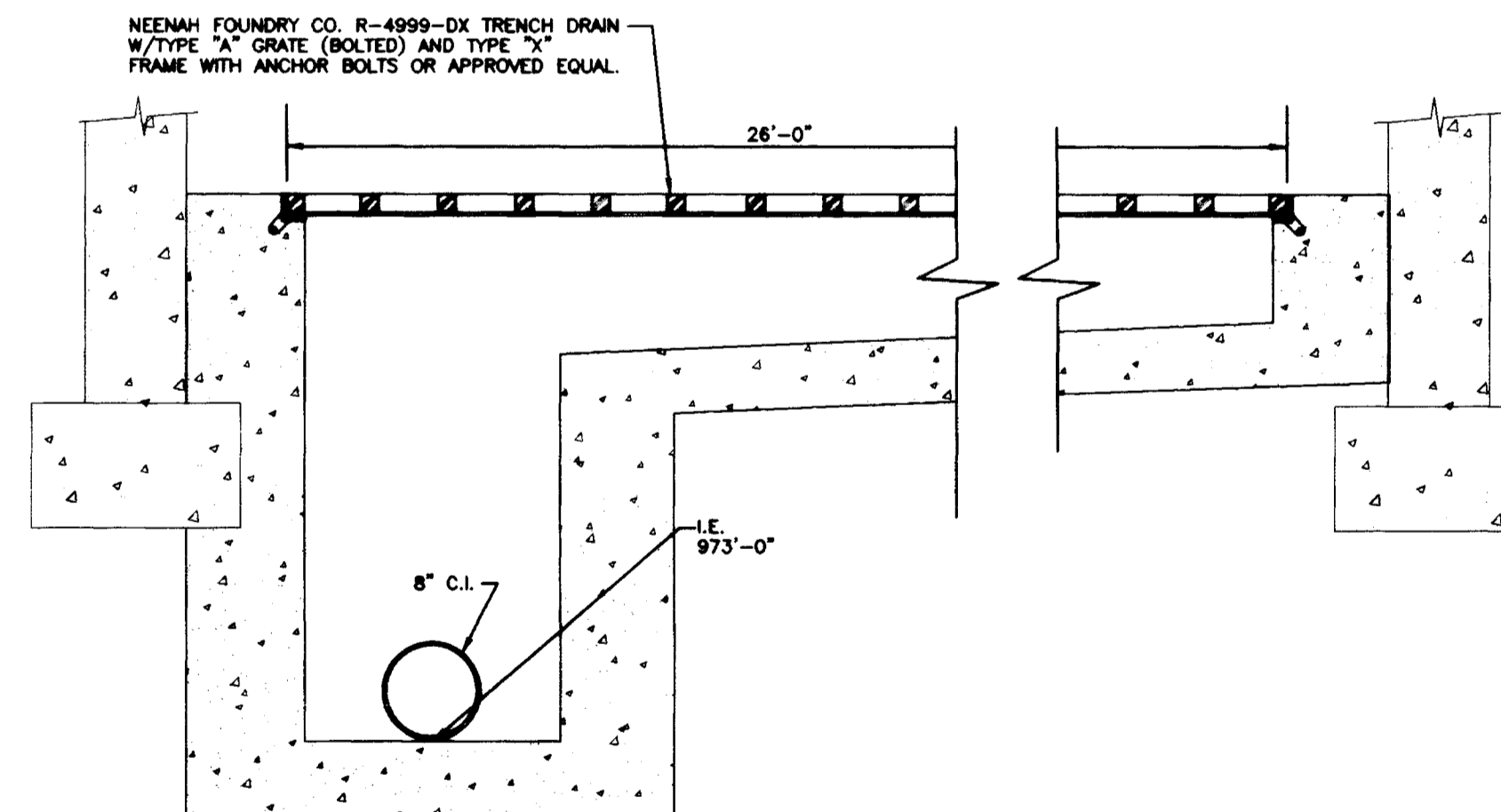
PLAN- NEW BY ELECT. SUBSTATION
SCALE: 1/8" = 1'-0"



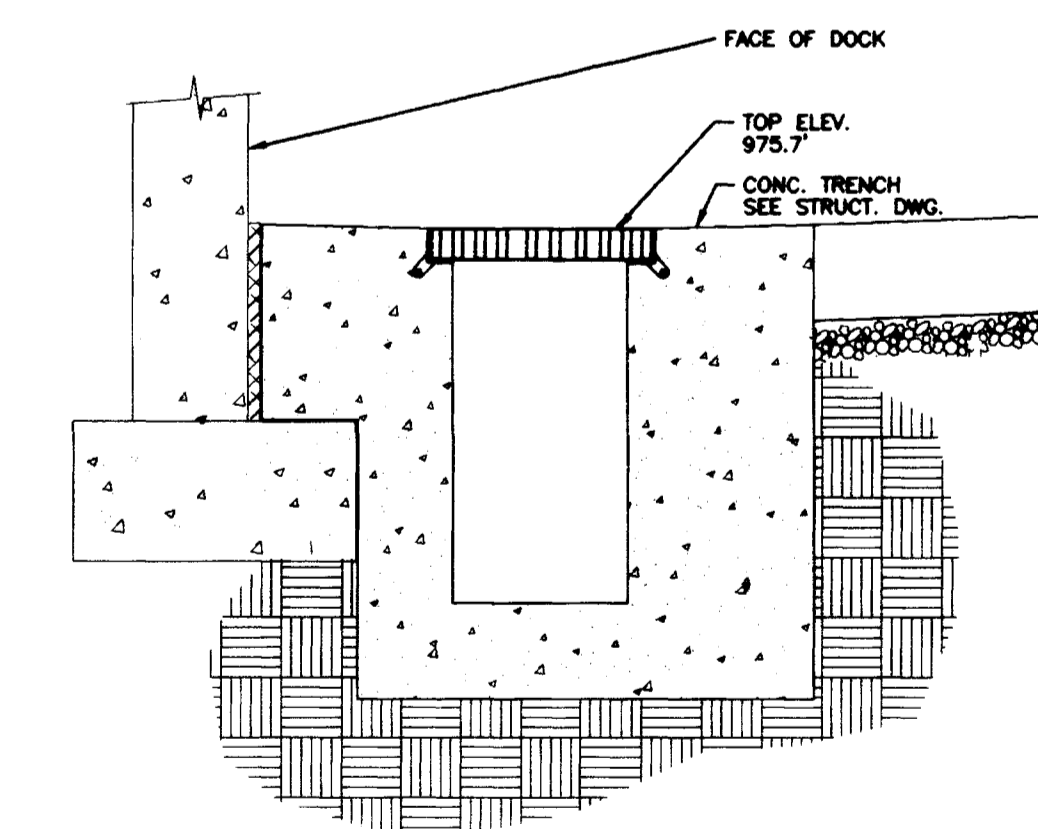
EXISTING ELEVATION B-B
SCALE: 1/4" = 1'-0"



NEW ELEVATION B-B
SCALE: 1/4" = 1'-0"



SECTION A
NO SCALE 2.02



SECTION B
NO SCALE 2.02

TRENCH DRAIN DETAILS
NO SCALE

RECORD DRAWINGS DATE AUGUST 1995

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STAGGS & FISHER CONSULTING ENGINEERS, INC.

Project No.	90240.01
Scale	1/8" = 1'-0"
Project No.	90240.01
Scale	1/8" = 1'-0"
Drawing No.	2.02

THE UNIVERSITY OF KENTUCKY
MEDICAL RESEARCH EXPANSION SPACE PROJECT NO. 747.0 Lexington, Kentucky

ARCHITECTURE ENGINEERING INTERIOR DESIGN

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CMW

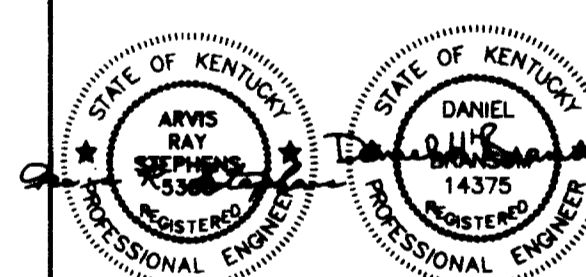
CHRISMAN • MILLER
• WOODFORD • INC.

ARCHITECTURE ENGINEERING PLANNING INTERIORS

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SF

Staggs and Fisher Consulting Engineers, Inc.
317 South Ashland Avenue
Lexington, Kentucky 40502



Project North

Revision Date:
Issue Date DEC, 92
Drawing Title

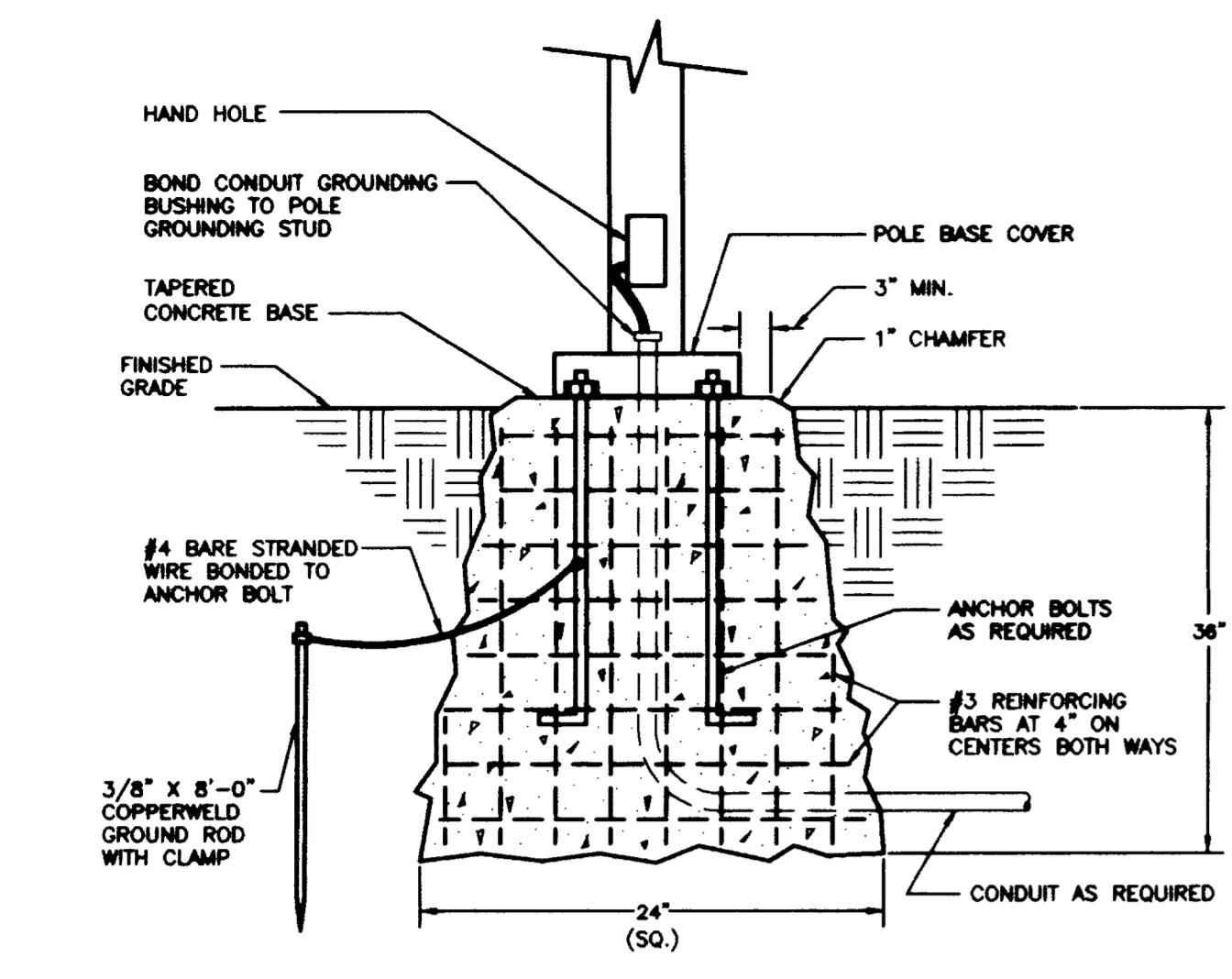
PRIMARY ELECTRIC SITE PLAN

Drawn by JCR/WTC

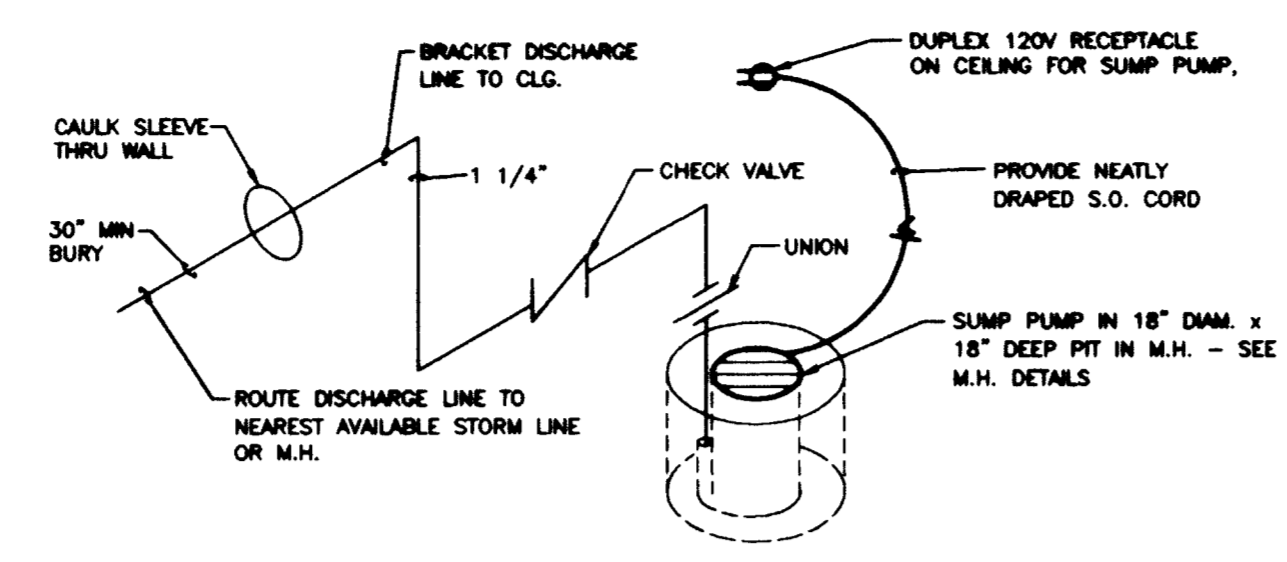
Checked by GGC

Project No. Scale
90240.01 1/8" = 1'-0"

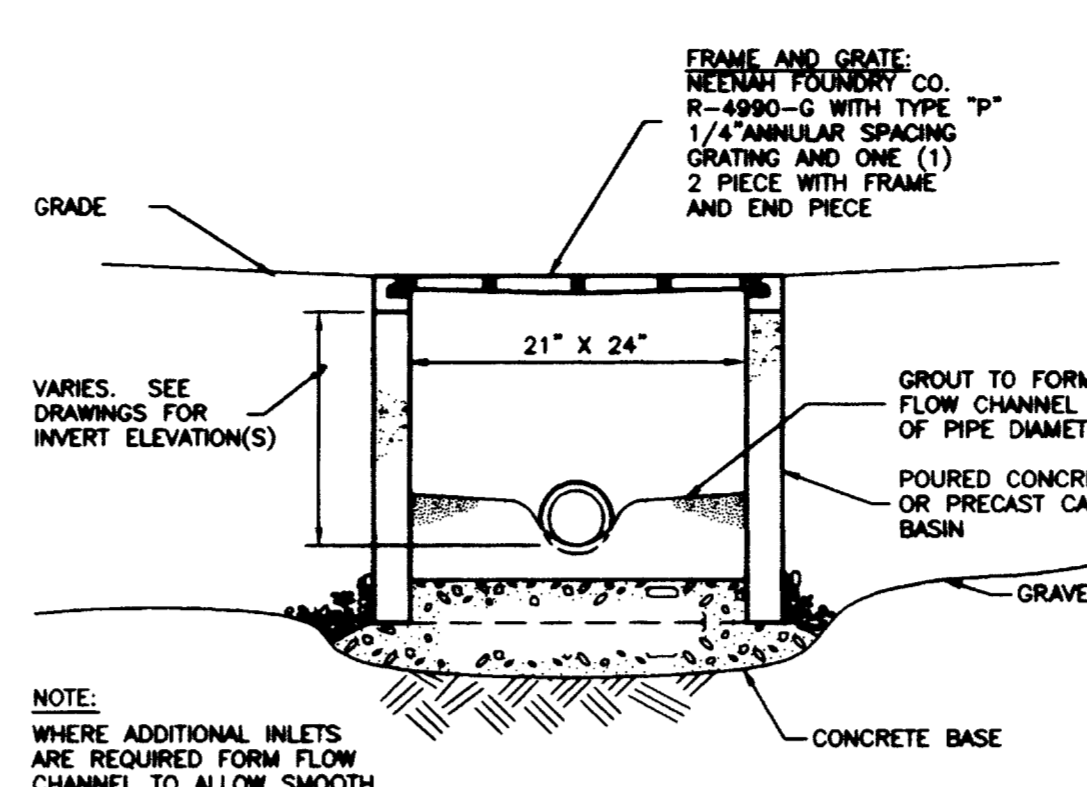
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2.02



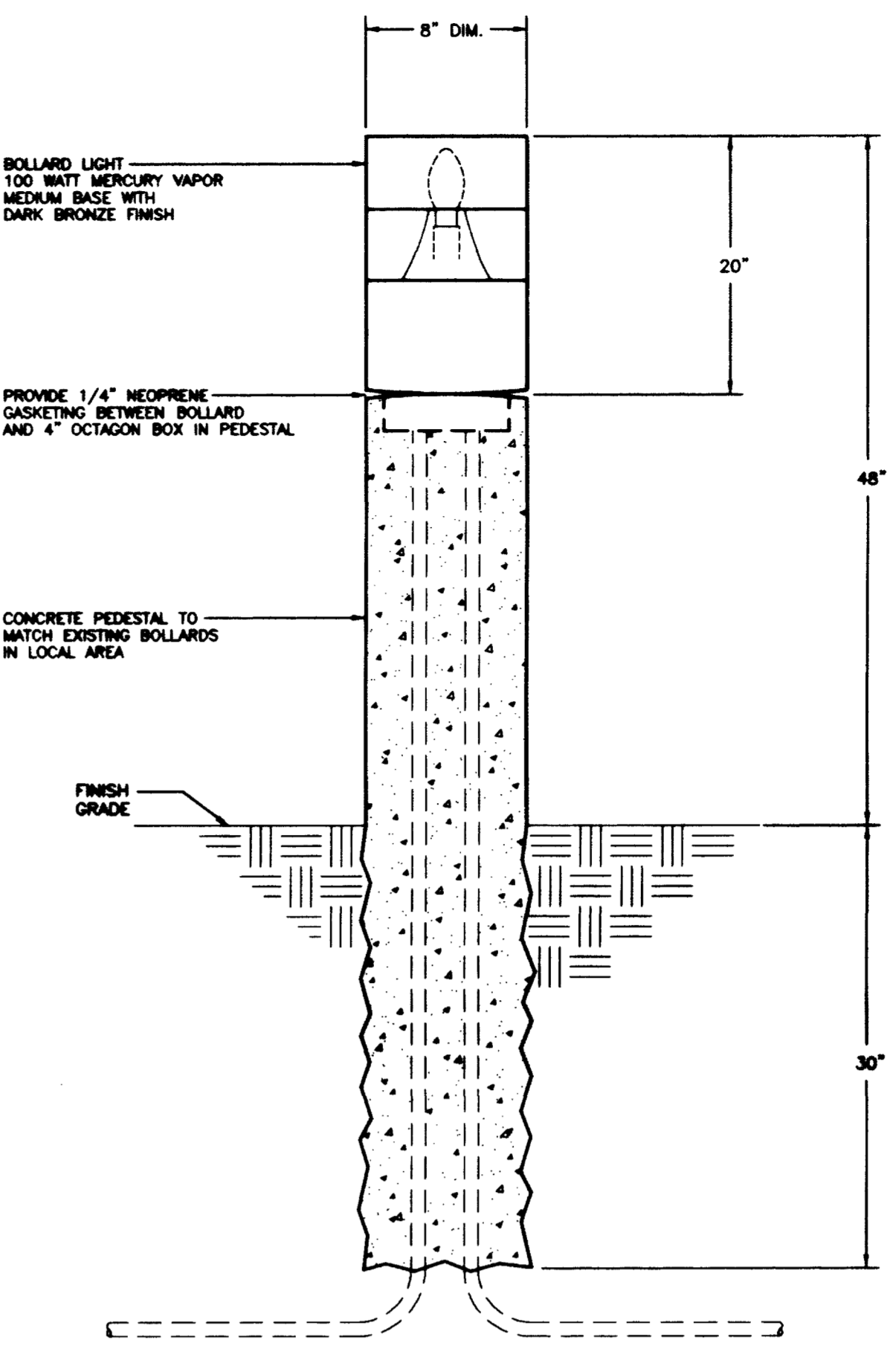
POST LIGHT LF-26 BASE DETAIL STANDARD
NO SCALE



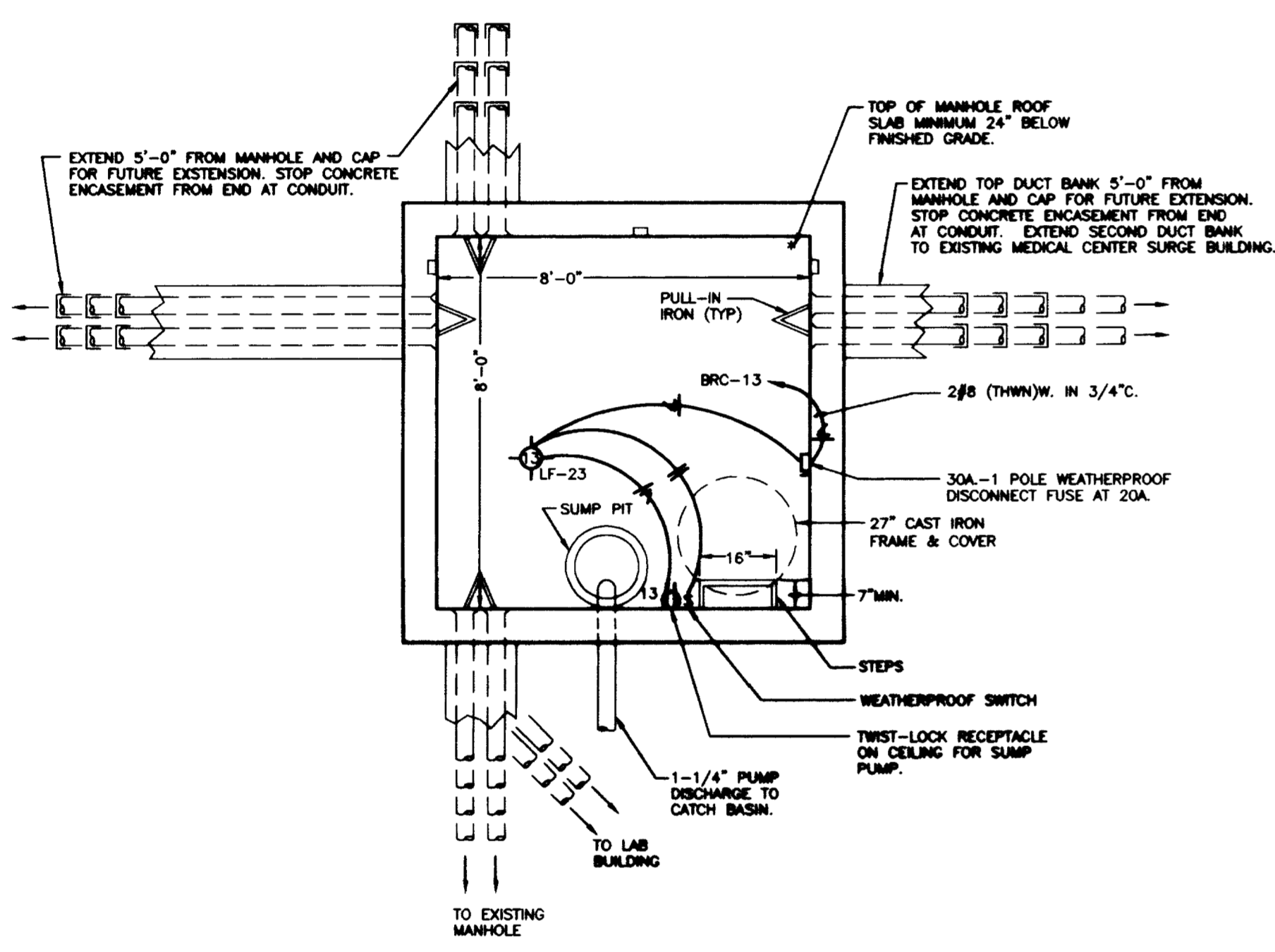
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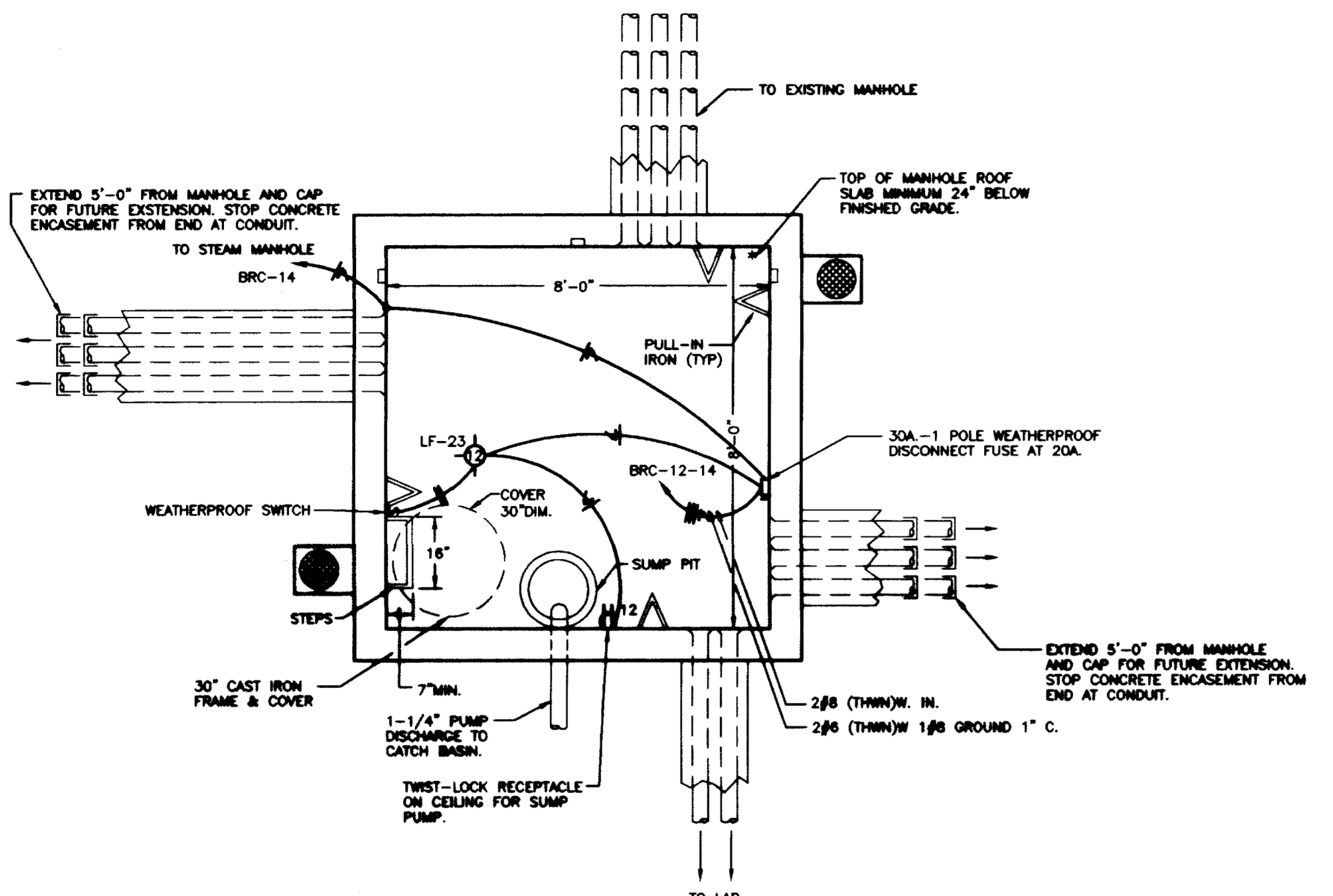
CATCH BASIN DETAIL
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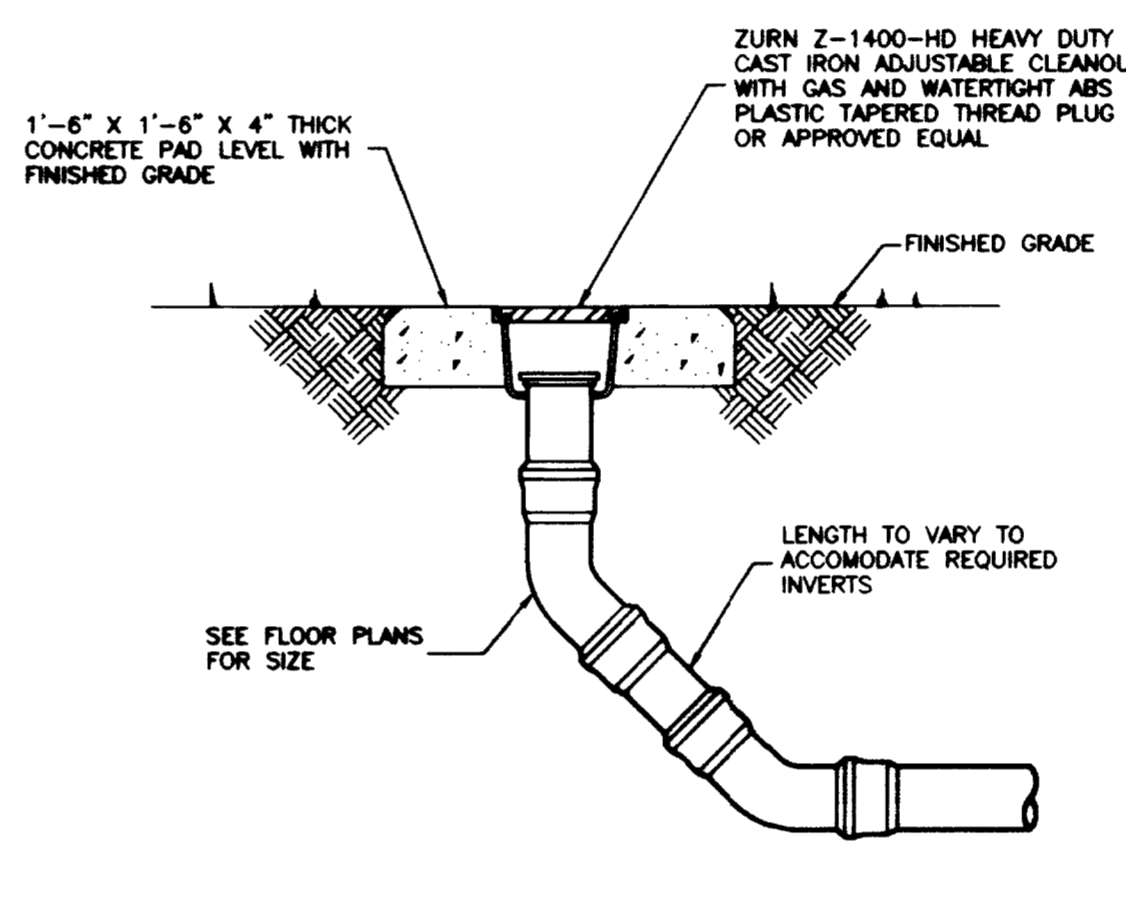
DETAIL OF LIGHTING FIXTURE LF-27
NO SCALE



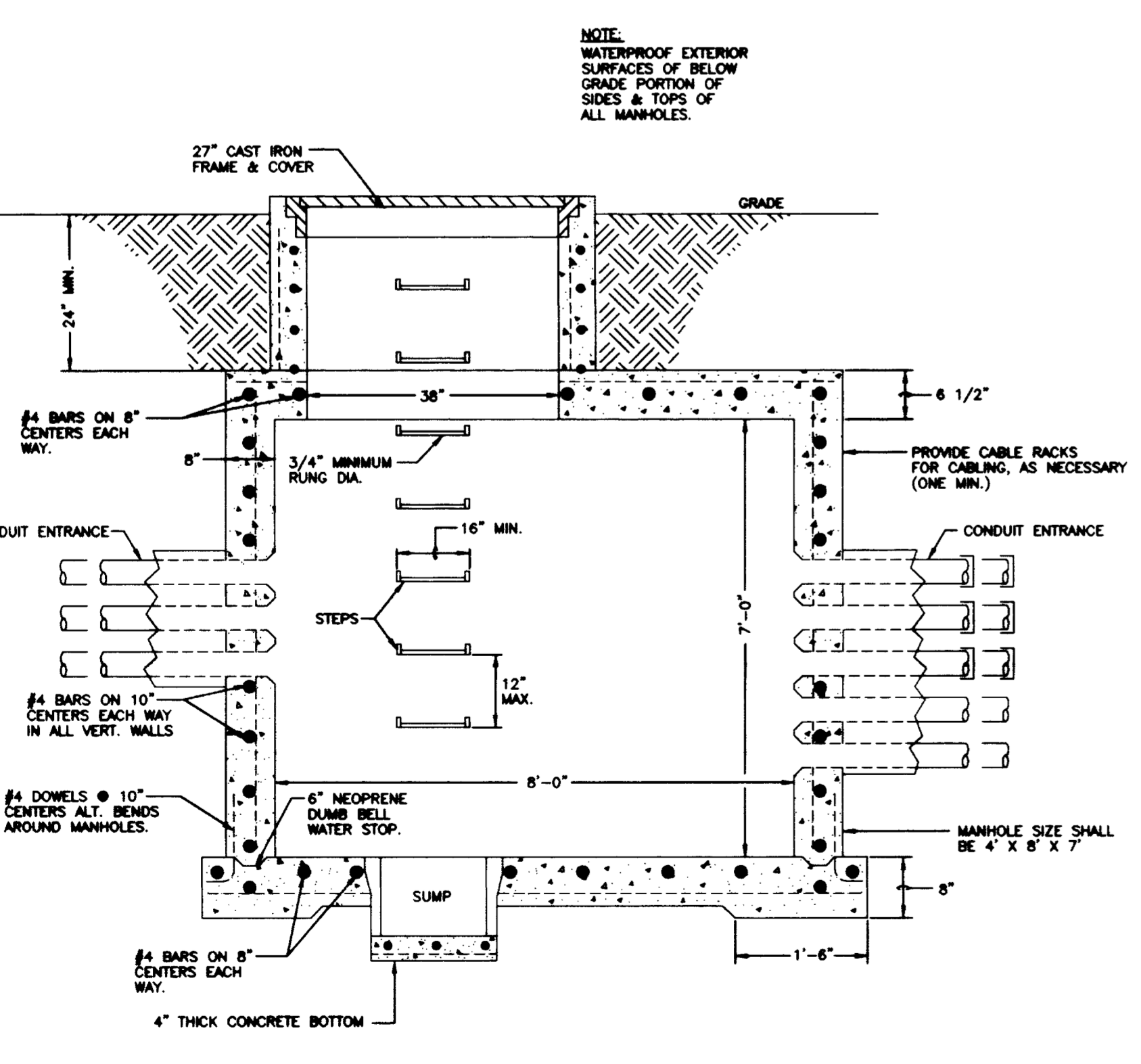
PLAN - NEW COMMUNICATION MANHOLE
NO SCALE



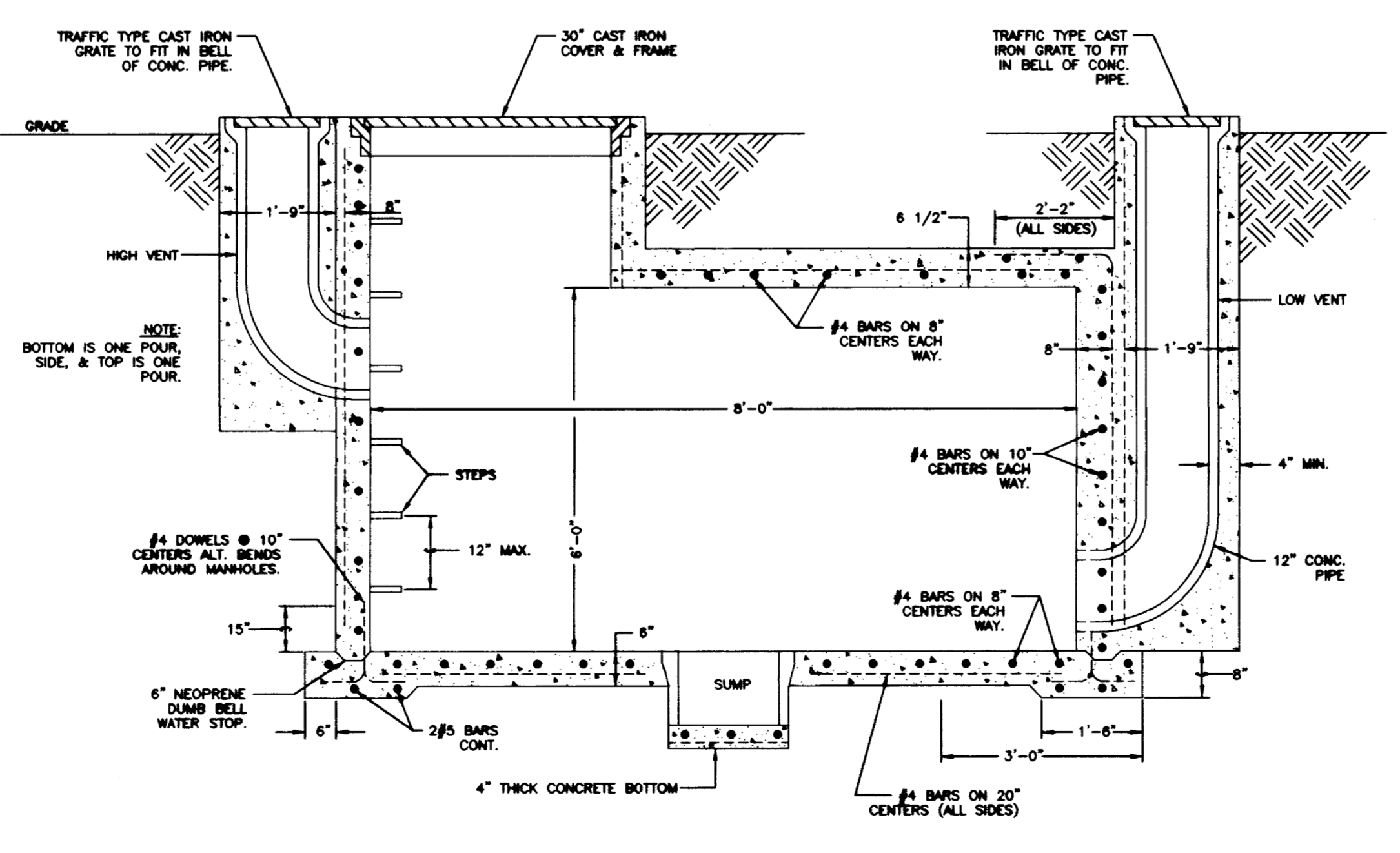
PLAN-NEW ELECTRICAL MANHOLE NO.2
NO SCALE



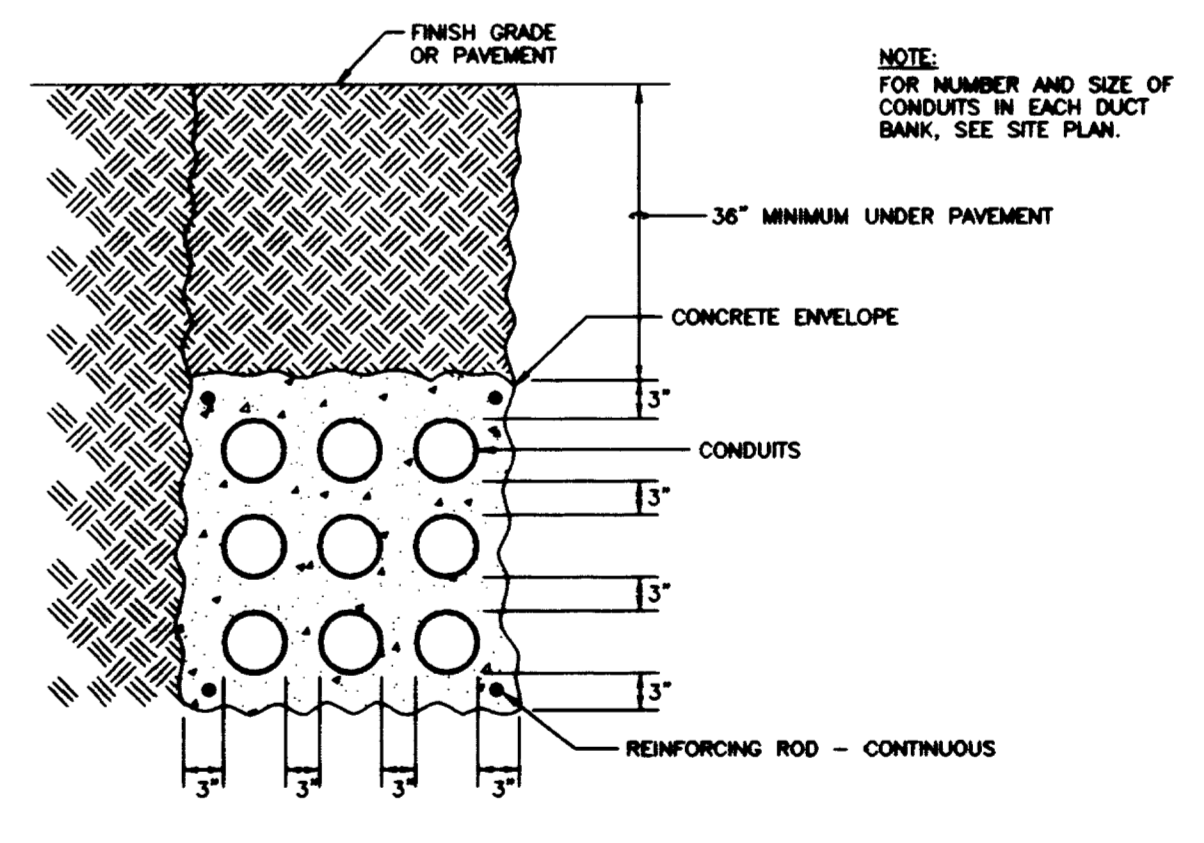
EXTERIOR GRADE CLEANOUT DETAIL
NO SCALE



SECTION THROUGH NEW COMMUNICATION MANHOLE
NO SCALE



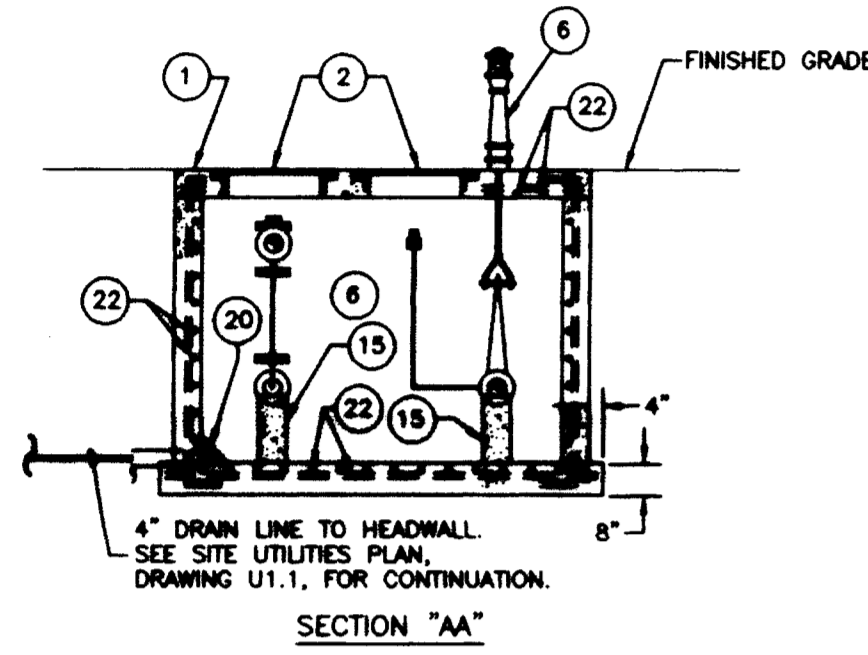
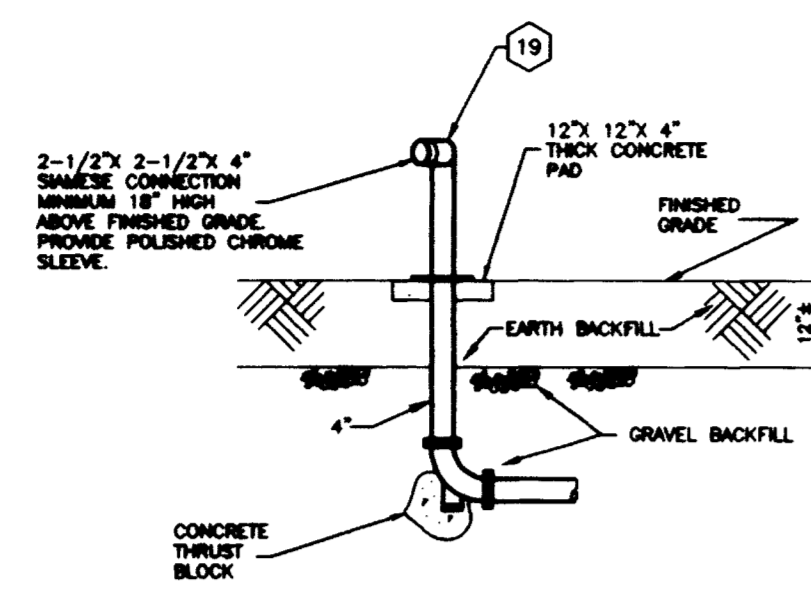
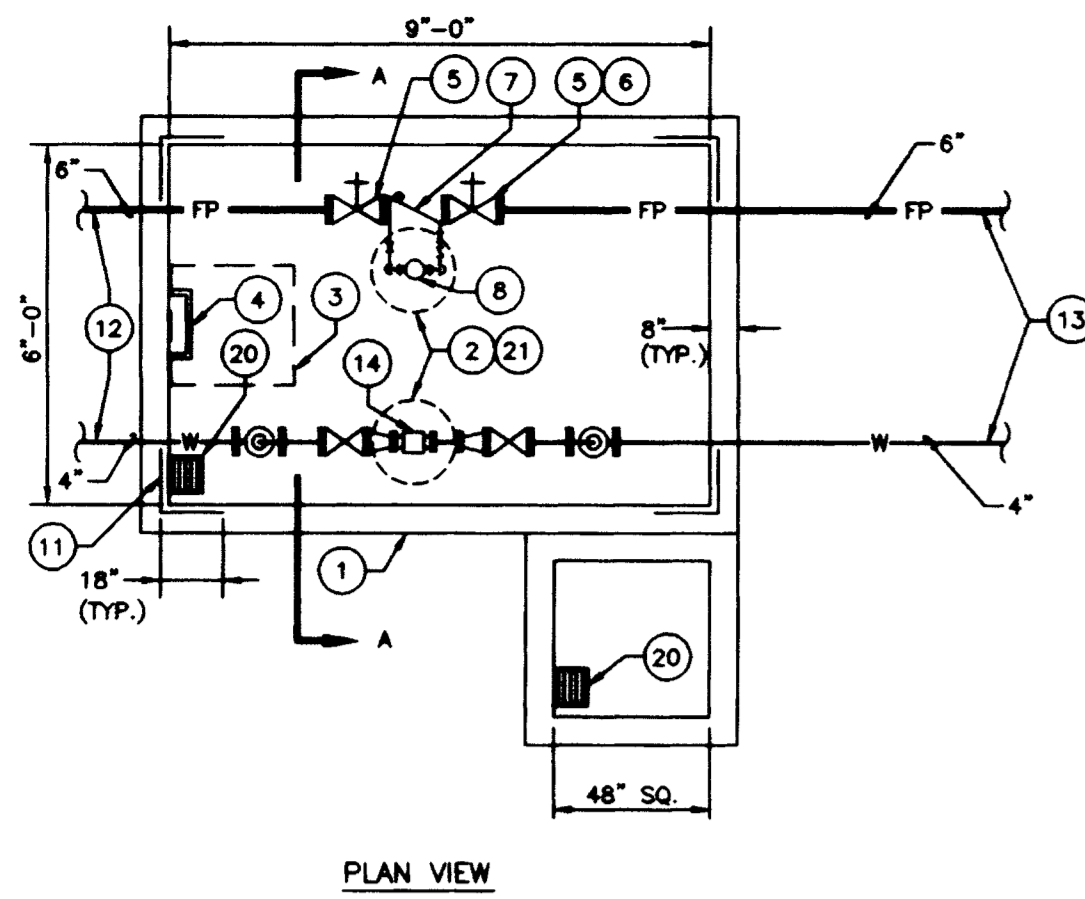
SECTION THROUGH NEW ELECTRICAL MANHOLE
NO SCALE



TYPICAL PRIMARY CONDUIT INSTALLATION DETAIL
NO SCALE

RECORD DRAWINGS DATE AUGUST 1995
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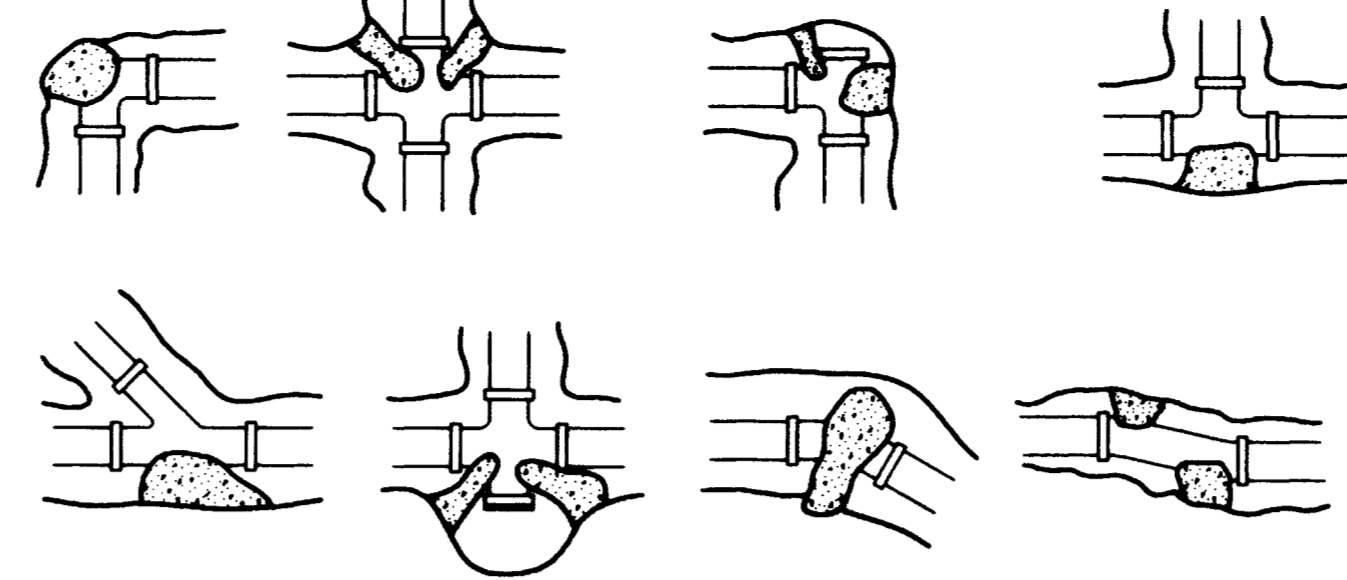
project no.	
date	
file no.	
des. by	
chk. by	
revision	
drawing	
approved by	
director - design and construction division	



FIRE PROTECTION AND WATER METER VAULT DETAIL
NO SCALE

- CODED NOTES: FIRE PROTECTION AND WATER VAULT DETAIL**
- FURNISH AND INSTALL METER VAULT, VALVING, WATER METER AND ACCESSORIES AS REQUIRED BY LOCAL WATER COMPANY. CONTRACTOR TO PAY ALL FEES AND COST IF REQUIRED. SEE SPECIFICATIONS.
 - COVER FOR READING METERS: FRAME AND COVER, FORD METER CO., INC., NO. 11 ROUND FIT RING AND EXTRA HEAVY LID WITH HEX NUT AS REQUIRED BY LOCAL WATER COMPANY.
 - METER VAULT ACCESS COVER: FRAME AND COVER, BILCO COMPANY NO. K-4 WITH HINGE, LIFT HANDLE AND LOCKING DEVICE AS REQUIRED BY LOCAL WATER COMPANY.
 - CAST IRON MANHOLE STEPS 15" O.C. INSTALL AS REQUIRED. PROVIDE ON MANHOLE STEPS A BILCO MODEL NO. 1 LADDER SAFETY POST. INSTALL SAFETY POST IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
 - 6" SUPERVISED O.S.&Y. VALVE.
 - POST INDICATOR VALVE.
 - 6" DETECTOR CHECK VALVE WITH BYPASS METER AND ACCESSORIES.
 - BYPASS METER.
 - OMITTED
 - OMITTED
 - OMITTED
 - #4 BARS ON 12" O.C., ALL CORNERS.
 - SEE SITE UTILITIES PLAN, DRAWING U1.1, FOR CONTINUATION.
 - PIPING TO BUILDING. SEE SITE UTILITIES PLAN, DRAWING U1.1, FOR CONTINUATION.
 - 2" WATER METER.
 - CONCRETE SUPPORT BLOCK(S).
 - OMITTED
 - OMITTED
 - OMITTED
 - PROVIDE 4-1/2" FIRE DEPARTMENT CONNECTION IN COMPLIANCE WITH LOCAL FIRE DEPARTMENT STANDARDS. INSTALL A MINIMUM OF 18" ABOVE FINISHED GRADE. PROVIDE POLISHED CHROME SLEEVE.
 - DRAIN: ZURN Z-187, 8" X 12", DURA-COATED CAST IRON BODY WITH GRATE.
 - VERIFY WITH LOCAL WATER COMPANY LOCATION OF COVERS FOR READING METERS. PLACE COVERS SO THAT METERS MAY BE READ WITH COVERS IN THEIR PERMANENT LOCATIONS.
 - #4 BARS 8" O.C. BOTH WAYS IN TOP, BOTTOM AND ALL WALLS.

- GENERAL NOTES:**
- INSTALL A 1/4" PET COCK ON OUTLET SIDE OF METER SETTING AND BEFORE ALL GATE VALVES IN ACCORDANCE WITH LOCAL WATER COMPANY.
 - ALL PIPING IN VAULT SMALLER THAN 4" SHALL BE EITHER BRASS OR COPPER.

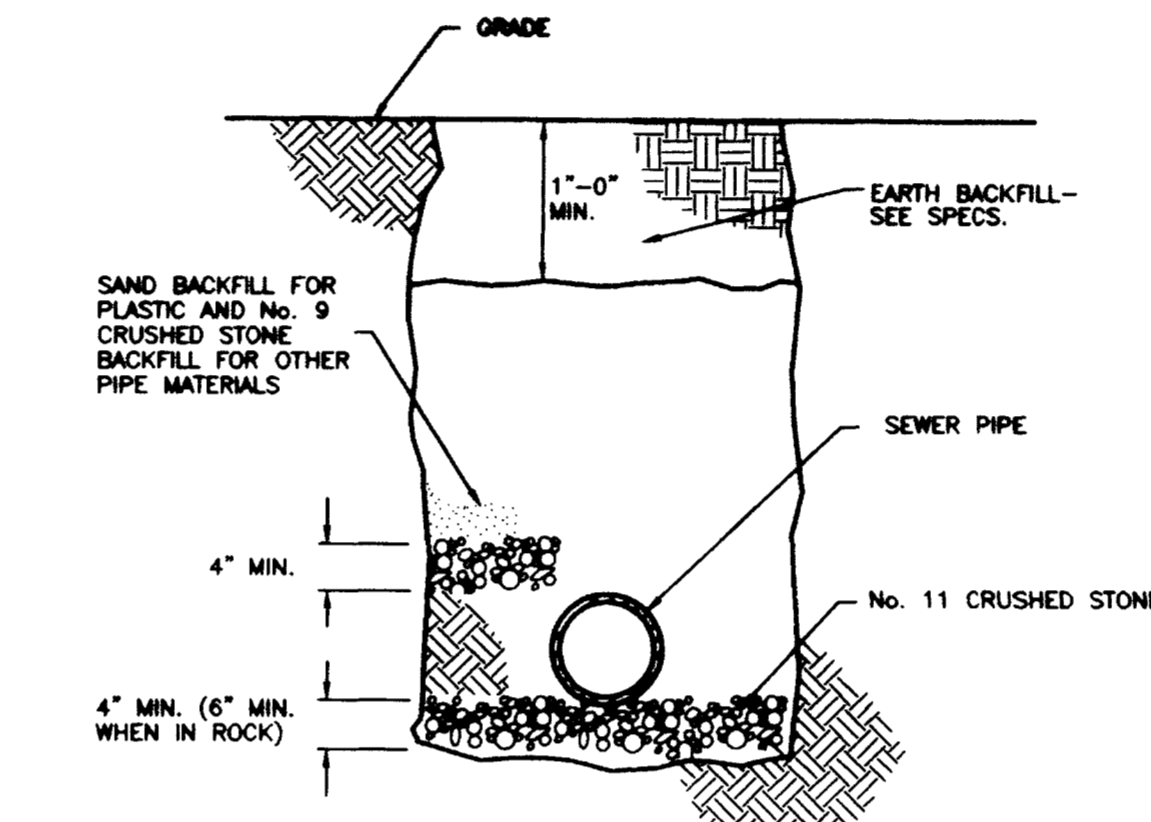


PIPE SIZE	DEAD END OF TEE	1/4" WELD	1/8" WELD	1/2" WELD
2"	20	40	27	20
4"	30	60	34	24
6"	68	100	56	31
8"	110	180	88	48

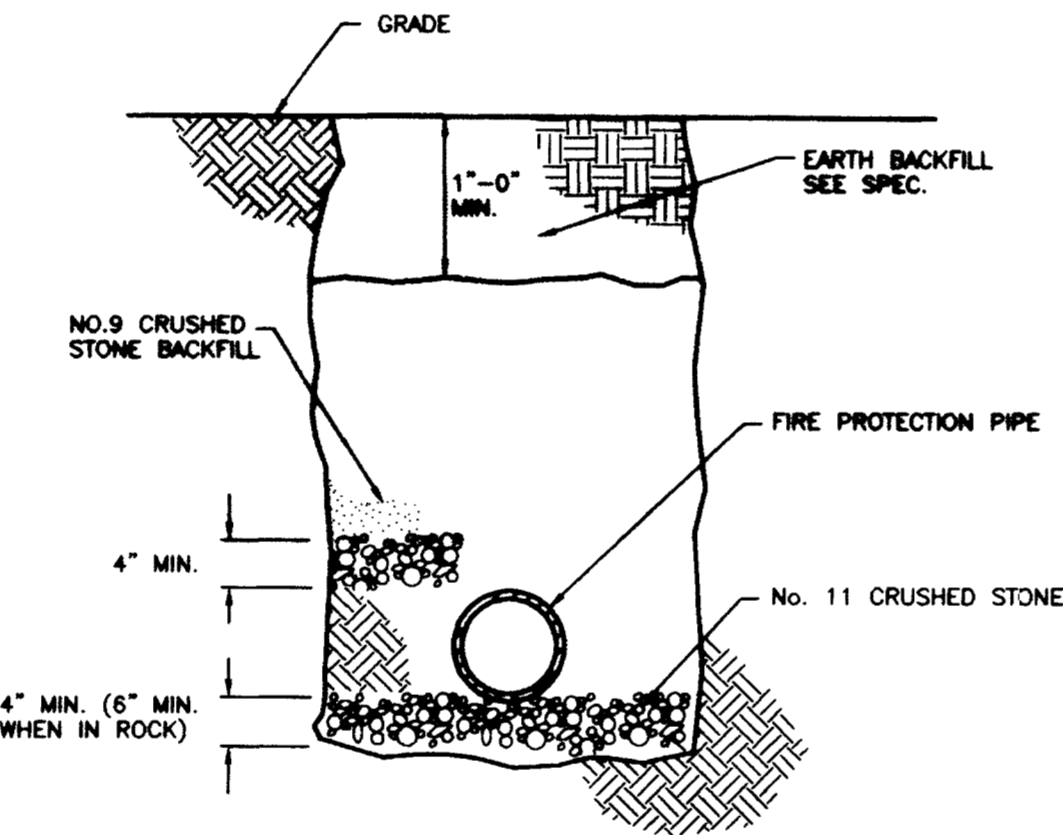
TYPE SOIL	PSF
CEMENTED GRAVEL	4000
COMPACTED SAND	3000
MEDIUM CLAY	2000
SOFT CLAY	1000

AREA OF BLOCKING = THRUST FORCE DIVIDED BY SOIL BEARING VALUE

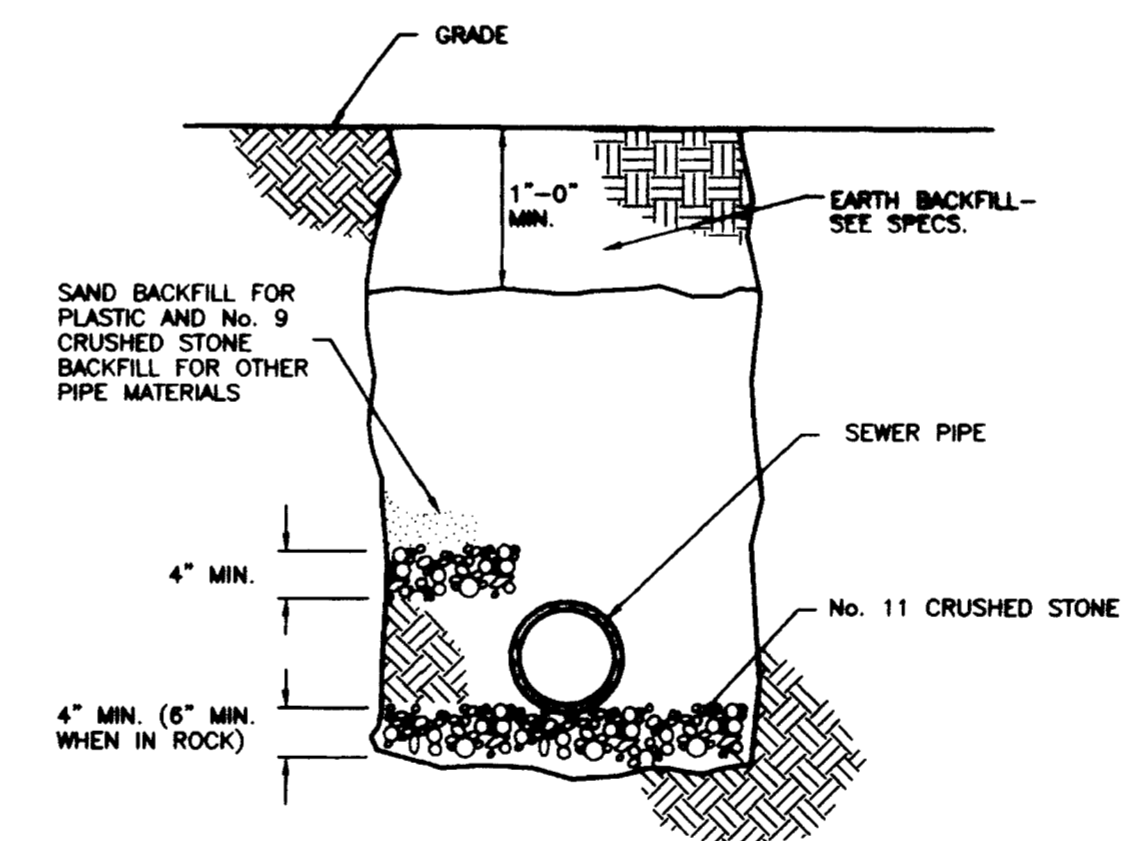
THRUST BLOCK DETAIL
NO SCALE



EXTERIOR SEWER PIPING INSTALLATION DETAIL
NO SCALE

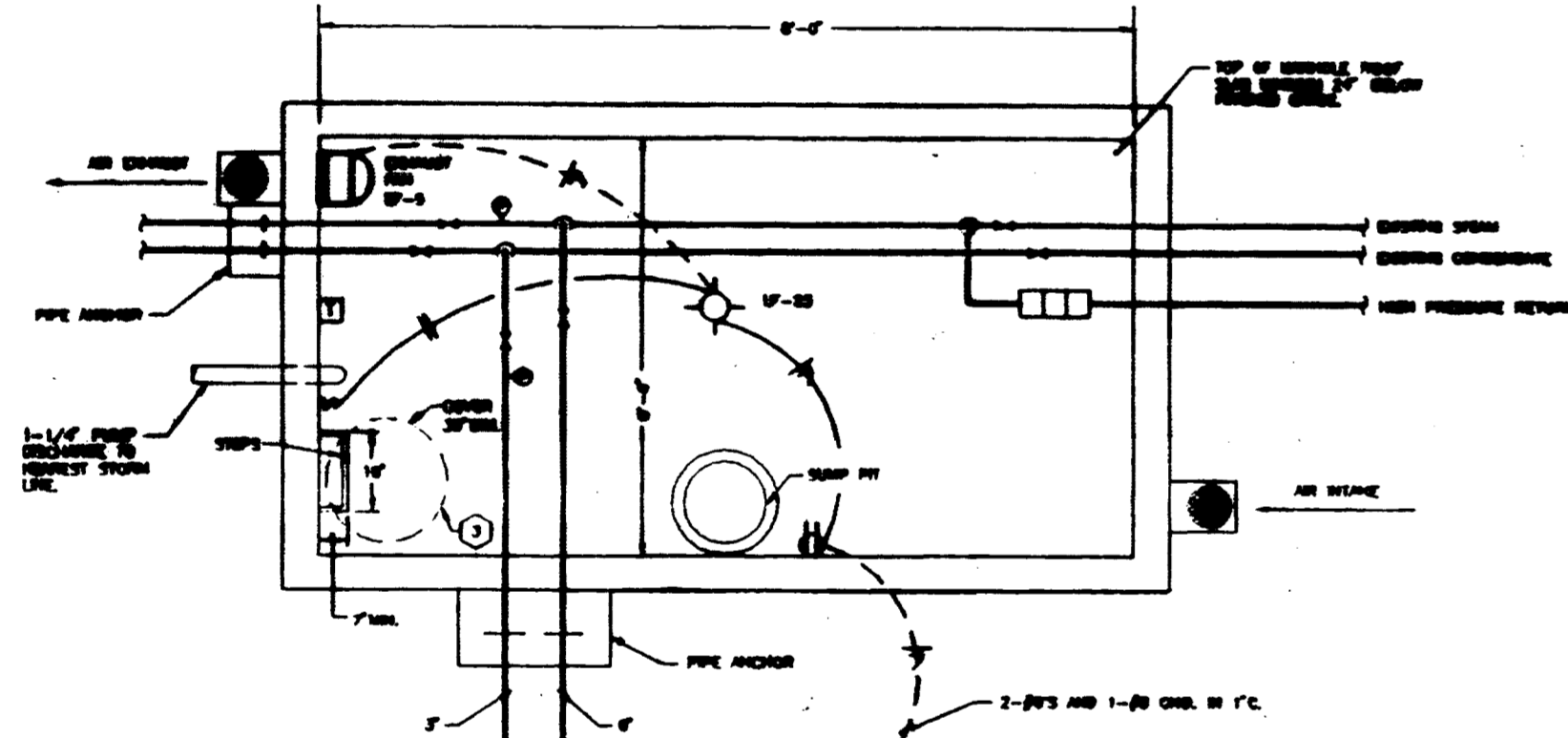


EXTERIOR FIRE PROTECTION PIPING INSTALLATION DETAIL
NO SCALE

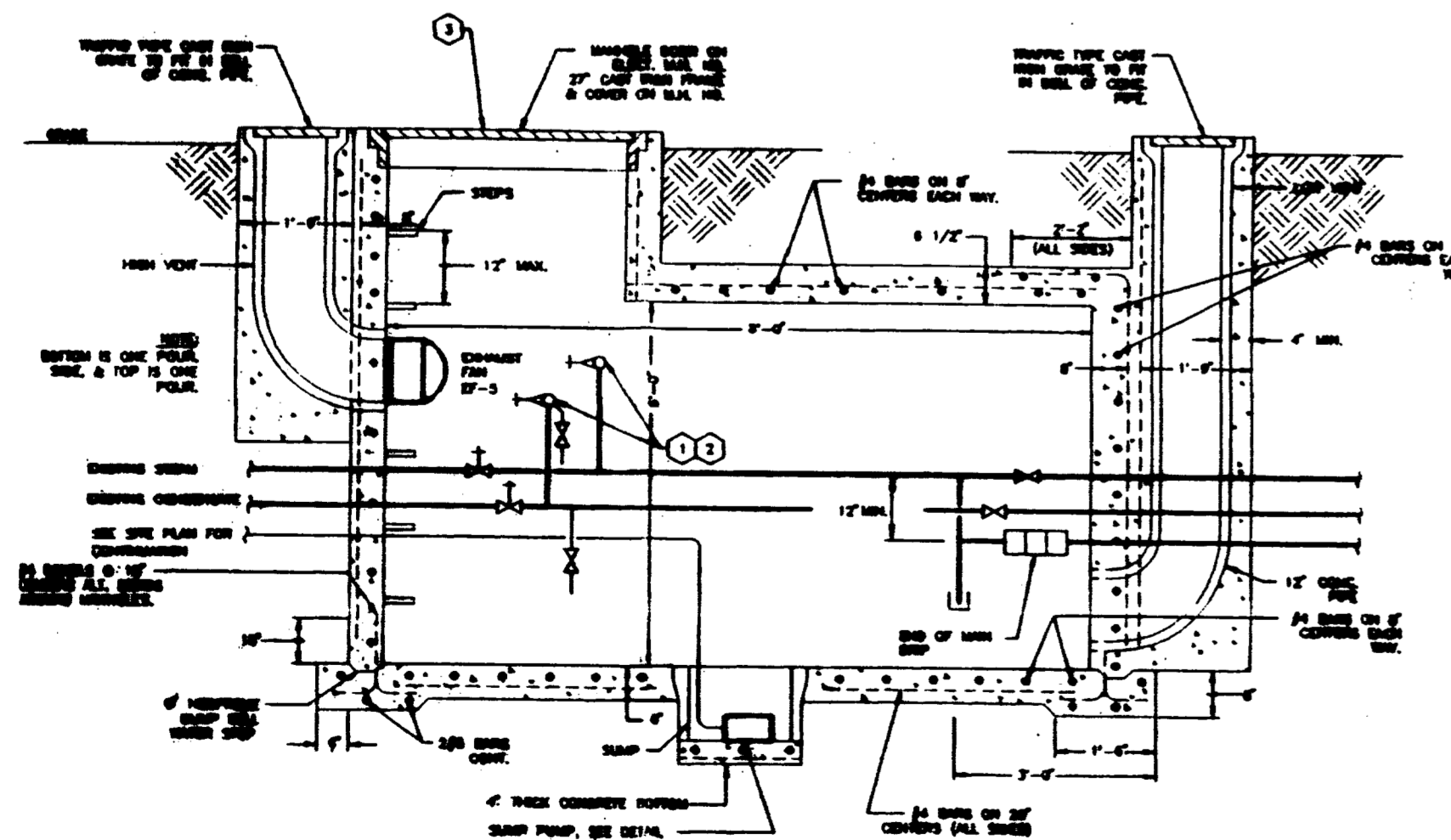


EXTERIOR SEWER PIPING INSTALLATION DETAIL
NO SCALE

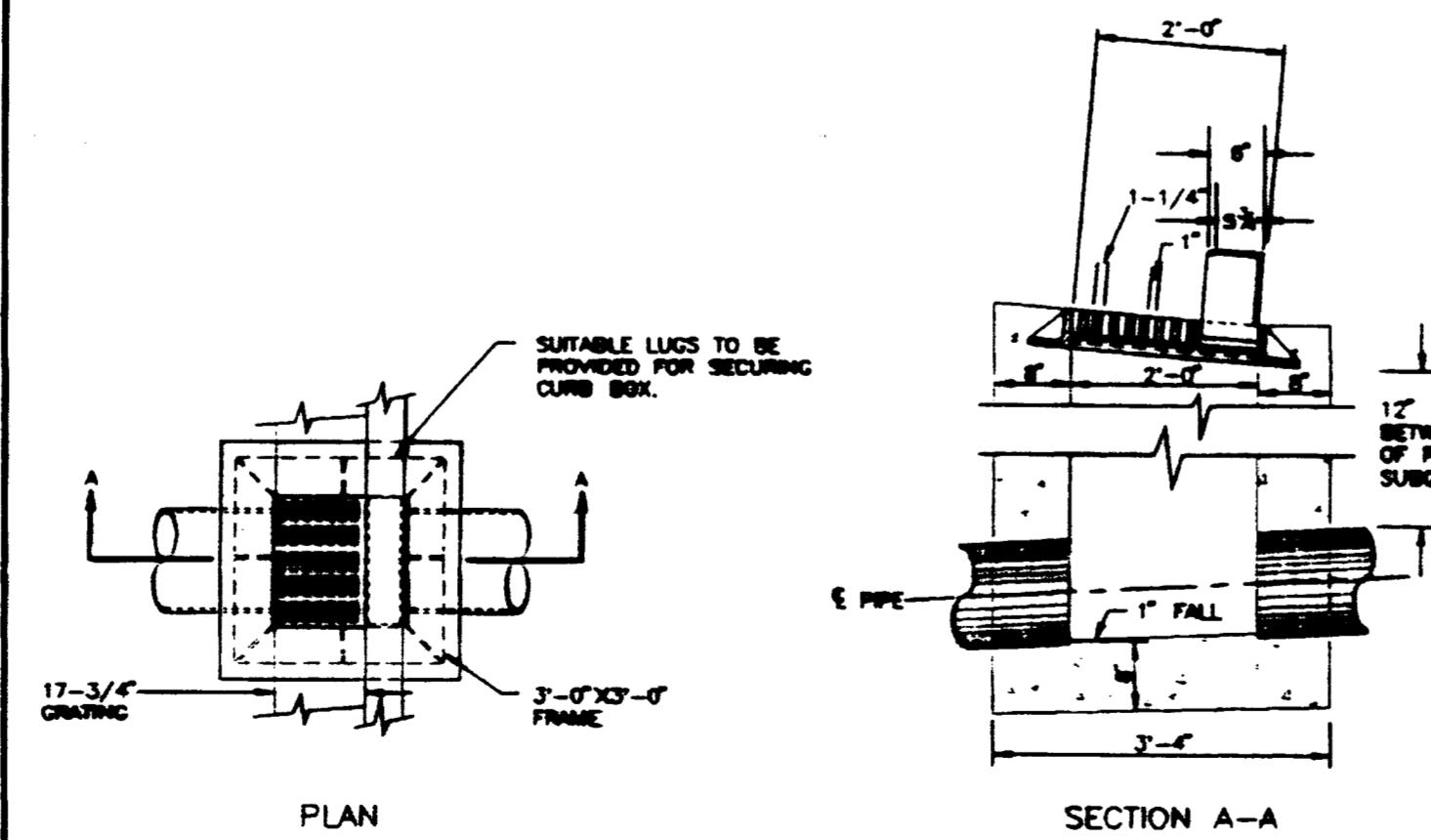
SITE UTILITIES LEGEND	
ES	EXISTING SANITARY SEWER
NS	NEW SANITARY SEWER
SS	NEW STORM SEWER
FP	FIRE PROTECTION LINE
EW	EXISTING COLD WATER SERVICE
W	NEW COLD WATER SERVICE
EHPG	EXISTING HIGH PRESSURE GAS
HPC	HIGH PRESSURE GAS
EG	EXISTING GAS
G	NEW GAS
⊕	CURB VALVE WITH VALVE BOX
⊕	VALVE WITH VALVE BOX
⊕	UTILITY MARKER
◀	THRUST BLOCK
-----OE-----	EXISTING OVERHEAD ELECTRIC
-----OE-----	OVERHEAD ELECTRIC
-----OE/T-----	OVERHEAD ELECTRIC / TELEPHONE
-----EE-----	EXISTING ELECTRIC UNDERGROUND
-----EE-----	BRANCH CIRCUIT UNDERGROUND
-----P-----	UNDERGROUND PRIMARY SERVICE
-----UE-----	UNDERGROUND SECONDARY SERVICE
-----ET-----	EXISTING TELEPHONE UNDERGROUND
-----T-----	UNDERGROUND TELEPHONE CONDUIT
-----TV-----	UNDERGROUND TV CONDUIT
⊕	LIGHTING STANDARD
⊕	EXISTING POST LIGHT
⊕	POST LIGHT
⊕	HYDRAULIC CALCULATION REFERENCE POINT
C.I.	CAST IRON
ELEV.	ELEVATION
EXIST.	EXISTING
F.H.	FIRE HYDRANT
G.C.O.	GRADE CLEANOUT
I.E.	INVERT ELEVATION
P.I.V.	POST INDICATOR VALVE
P.V.C.	POLYVINYL CHLORIDE PIPING
T.E.	TOP ELEVATION



PLAN-NEW STEAM VAULT
NO SCALE



SECTION THROUGH NEW STEAM VAULT
NO SCALE

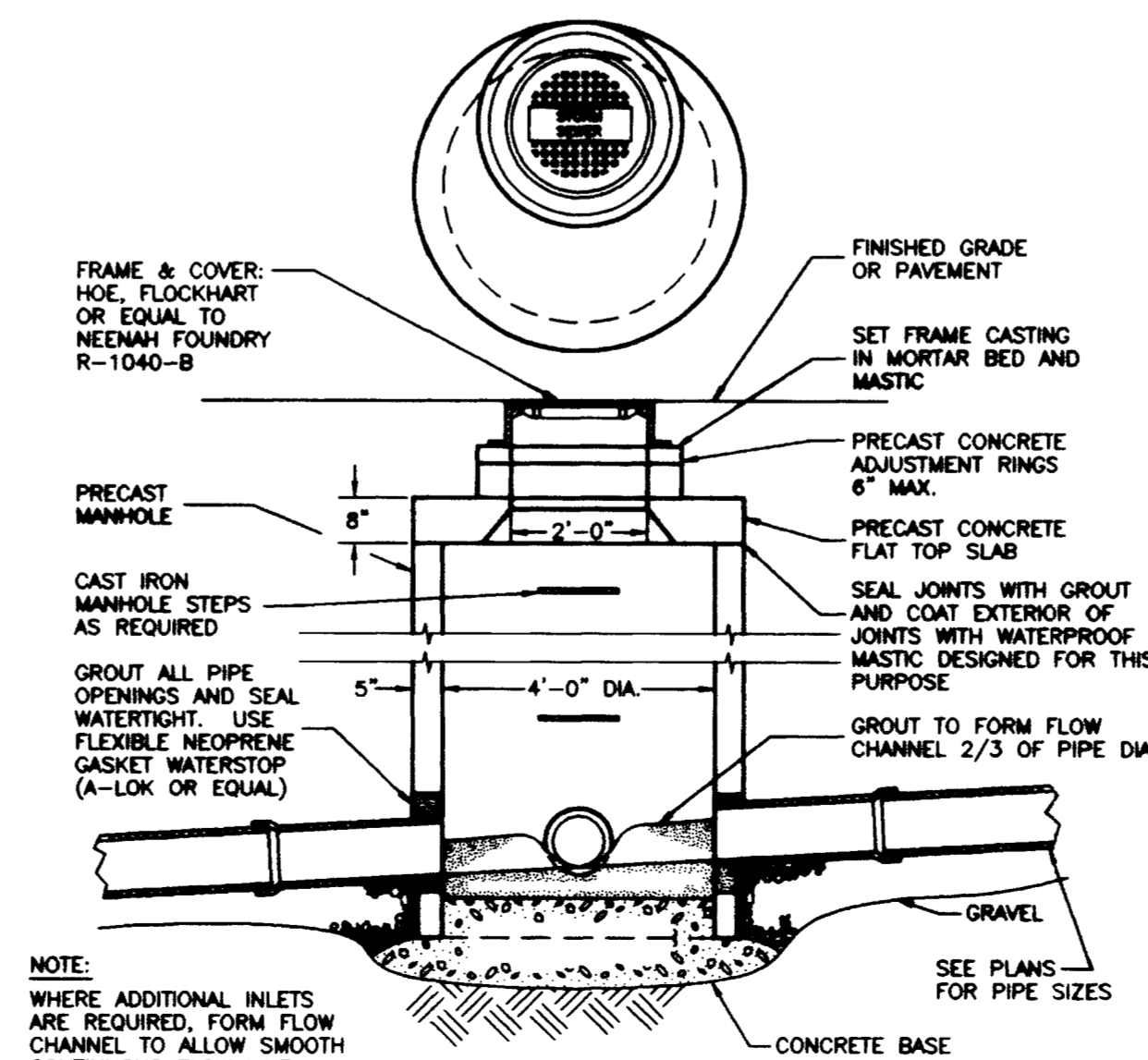


APPROXIMATE QUANTITIES

PIPE SIZE	MIN. HEIGHT	CU. YDS. CONC.
15"	4'-0"	1.15
18"	4'-3"	1.22

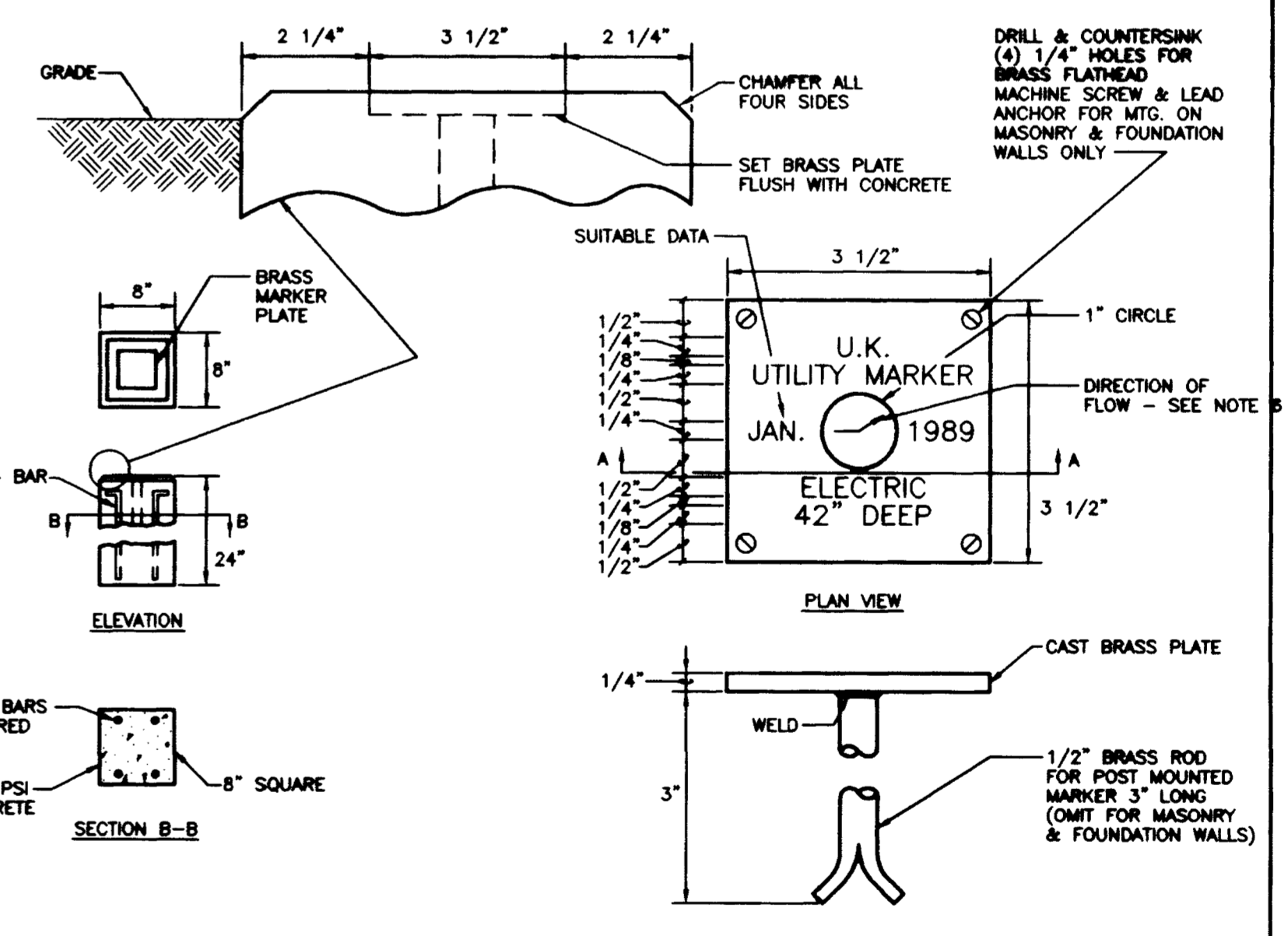
CURB FRAME WEIGHT = 81 LBS.
FRAME WEIGHT = 277 LBS.
GRATE WEIGHT = 127 LBS.
NO DEDUCTIONS HAVE BEEN MADE FOR PIPE.

NOTE: PRECAST CONC. BOX MAY BE USED IN LIEU OF CAST IN PLACE.



STORM MANHOLE DETAIL
NO SCALE

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UTILITY SERVICE MARKER DETAIL
NO SCALE

- NOTES:**
- MARKERS SHALL BE LOCATED WHERE INDICATED ON DRAWINGS.
 - 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".
 - AT THE CONTRACTOR'S OPTION, ONE MARKER MAY BE USED FOR COMPANION MARKS THAT ARE LOCATED CLOSE TOGETHER SUCH AS STEAM AND CONDENSATE PUMP DISCHARGE PIPING OR CHILLED WATER SUPPLY AND CHILLED WATER RETURN PIPING. PROVIDE ARROW FOR EACH MAIN.
 - CONTRACTOR SHALL FURNISH A COMPLETE LIST FOR APPROVAL OF ALL MARKERS SHOWING NAMES, ARROWS, DEPTH AND DATE.
 - 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.

RECORD DRAWINGS DATE AUGUST 1995

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STAGGS & FISHER CONSULTING ENGINEERS, INC.

University of Kentucky
Lexington, Kentucky

FINAL DOCUMENTS

THE UNIVERSITY OF KENTUCKY

MEDICAL RESEARCH EXPANSION SPACE PROJECT NO. 747.0 Lexington, Kentucky

ARCHITECTURE ENGINEERING INTERIOR DESIGN

Boston Buffalo New York St. Louis Washington

185 North Meramec, Suite 600 St. Louis, Missouri 314-882-5680

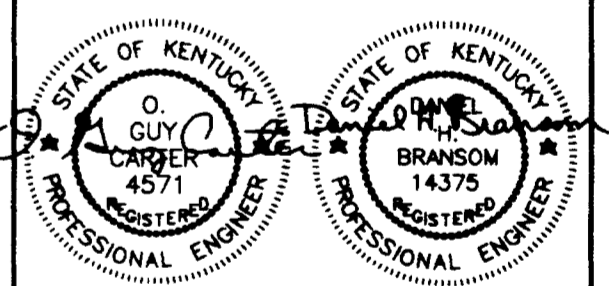
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ARCHITECTURE ENGINEERING PLANNING INTERIORS

326 South Broadway Lexington, Kentucky 606-254-6623

SF

Staggs and Fisher Consulting Engineers, Inc.
217 South Ashland Avenue Lexington, Kentucky 40502



Project North

Revision Date
Issue Date **DEC. 92**
Drawing Title

PLUMBING UNDERFLOOR PLAN

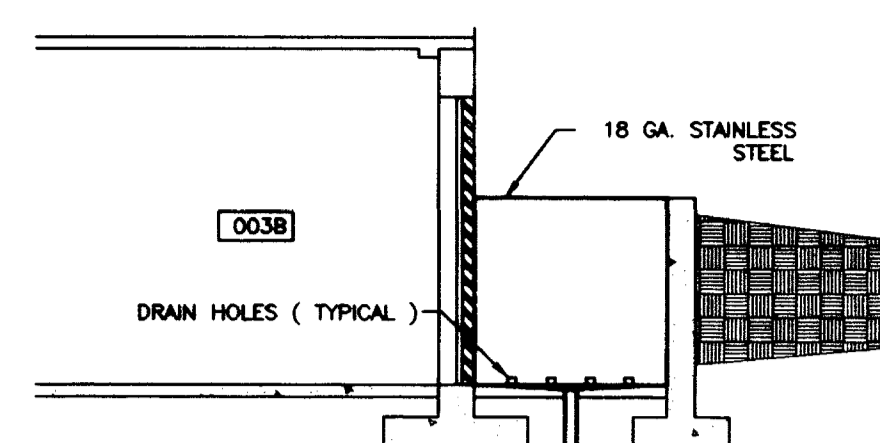
Drawn by
DWH

Checked by
DWH

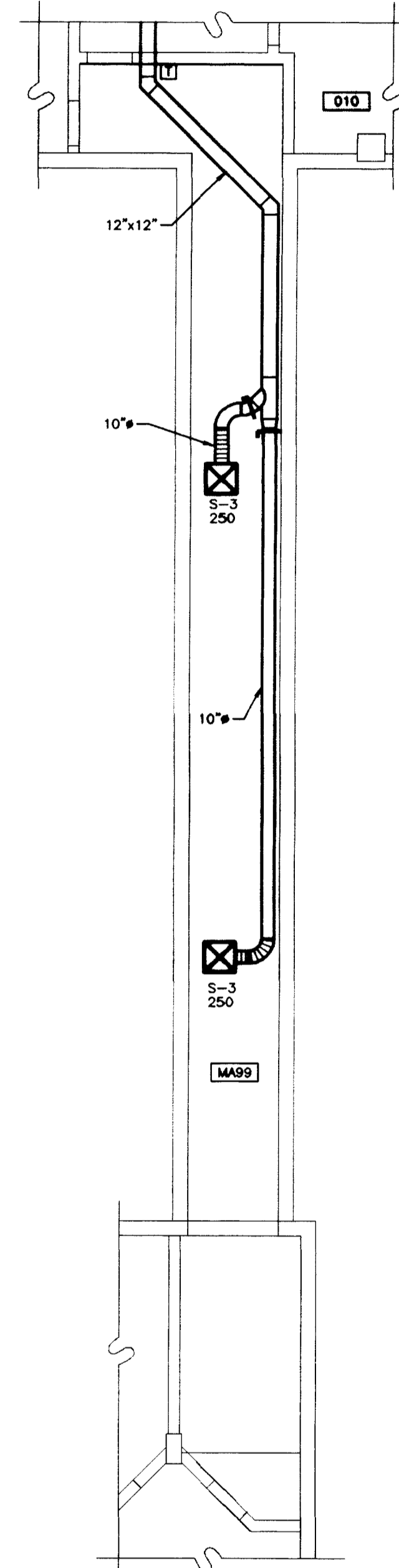
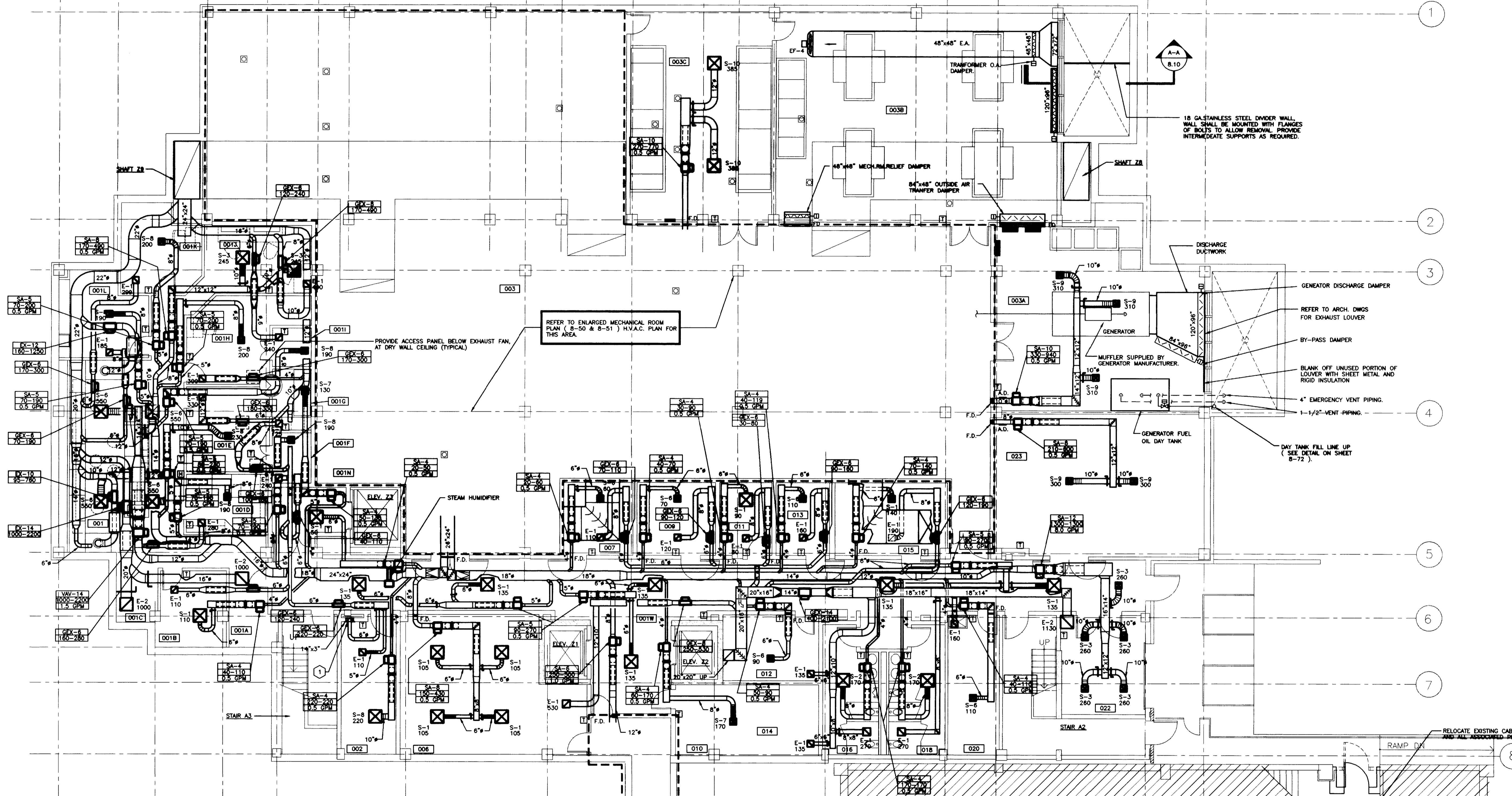
Project No. Scale
80240.01 1/8" = 1'-0"
Drawing No.
2.04

E F.1 G J K L M N P.1 O Q.1 S T U V W X Y Z

ROOM NO.	ROOM NAME	ROOM NO.	ROOM NAME
001	LAB	0038	ELECTRICAL VAULT
001A	SECRETARY	003C	SWITCHGEAR
001B	OFFICE	002	ANIMAL CARE
001C	EQUIPMENT	007	RECORDS/STORAGE
001D	DARRYROOM	009	STORAGE
001E	E.M. ROOM	010	CORRIDOR
001F	E.M. EQUIPMENT	011	SECURITY OFFICE
001G	DARK ROOM	012	ELECTRICAL
001H	E.M. ROOM	013	RADIOACTIVE STORAGE
001I	MICROFILM	014	HOUSEKEEPING
001J	SEMINAR ROOM	015	COMMUNICATIONS
001K	IMAGING	018	WOMEN'S TOILET
001L	CART ACCESS	020	HOUSEKEEPER
001M	CORRIDOR	022	RECEIVING
002	MECHANICAL	023	STORAGE
003	MECHANICAL	M99	CORRIDOR
003A	GENERATOR		



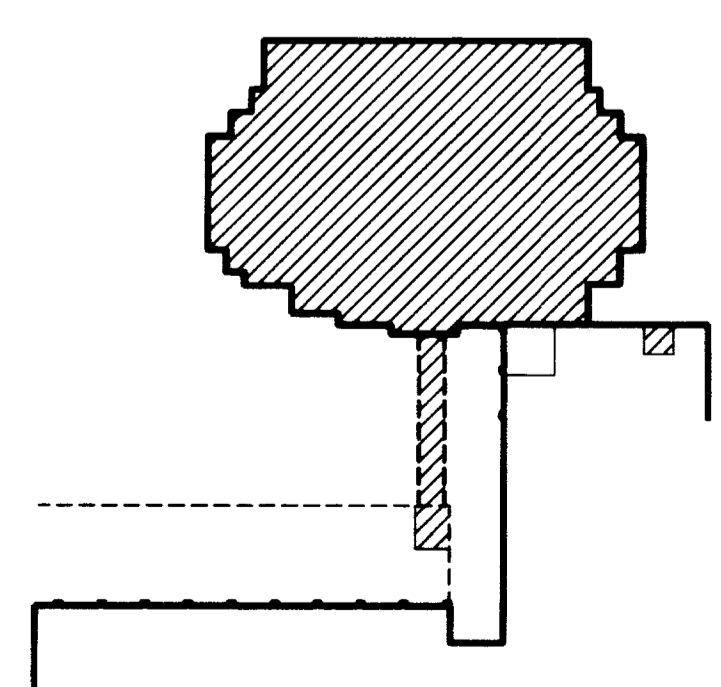
SECTION A-A SCALE: 1/8" = 1'-0"



PARTIAL TUNNEL - H.V.A.C. PLAN SCALE: 1/8" = 1'-0"

COOED NOTES:
1. INSTALL E-3 12" AFF. RUN 14"x3" DUCT DOWN IN WALL.

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



KEY PLAN

FAILURE TO ABIDE BY DESIGN DOCUMENTS OR TO OBTAIN GUIDANCE... THE DESIGN PROFESSIONAL WIVES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY...

RECORD DRAWINGS DATE AUGUST 1995
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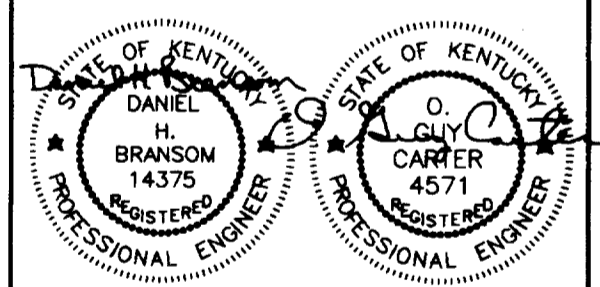
project no.	
date	
rev. no.	
des. by	DHB
ch. by	DHB
checked	
approved by	FINAL DOCUMENTS
director - design and construction division	

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MEDICAL RESEARCH EXPANSION SPACE
PROJECT NO. 747.0
Lexington, Kentucky

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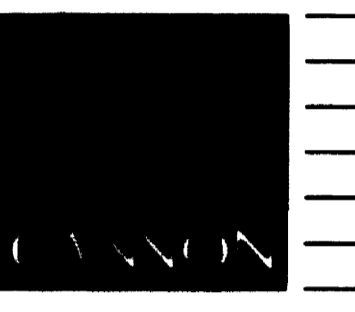
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Lexington, Kentucky 40502



Revision	Date
Issue Date	DEC. 92
Drawing Title	H.V.A.C. PLAN - BASEMENT

Drawn by	DHB
Checked by	DHB
Project No.	90240.01
Scale	1/8" = 1'-0"
Drawing No.	8.10

46 A-1 002546-1



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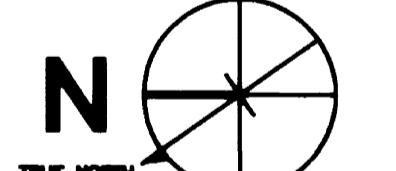
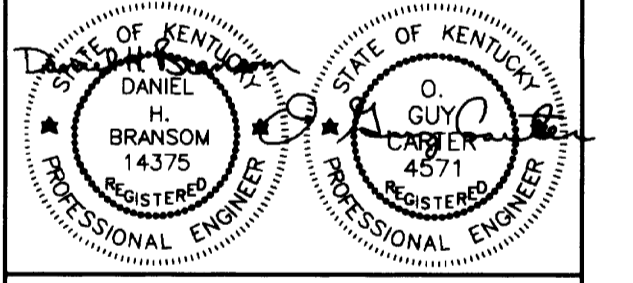
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Project North

Revision	Date
Issue	DEC. 92
Drawing Title	

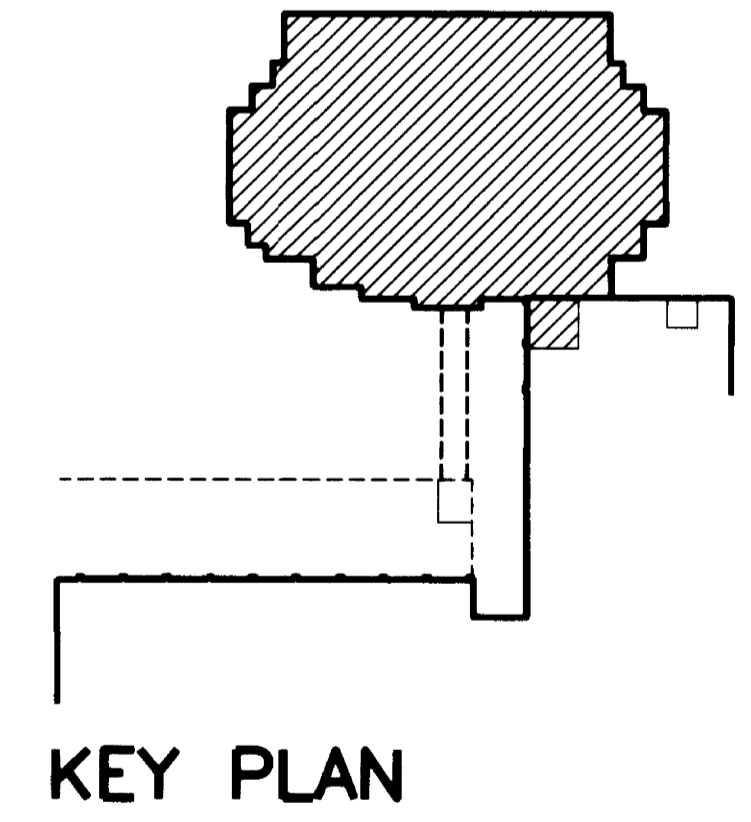
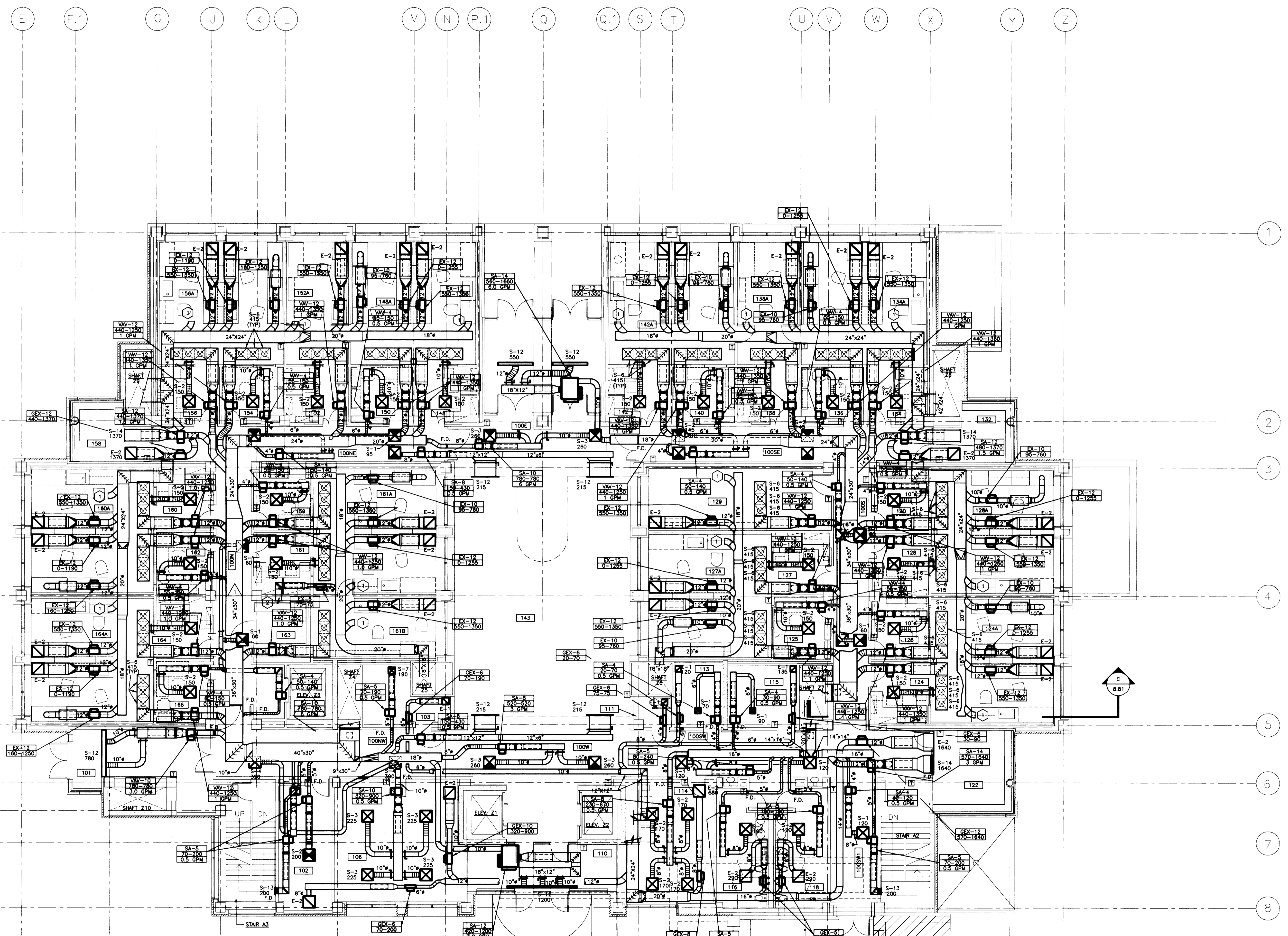
H.V.A.C. PLAN -
FIRST FLOOR

Drawn by
I.C.B.

Checked by
D.H.B.

Project No. Scale
60240.01 1/8" = 1'-0"

Drawing No.
8.11



EXISTING
MEDICAL
SCIENCE
BUILDING

UPDATED: 08/18/92
08/29/92
10/27/92

- CODED NOTES:
- 1 CAP 12" DUCT FOR FUTURE CONNECTION.
 - 2 CONNECT TO EQUIPMENT EXHAUST SYSTEM.

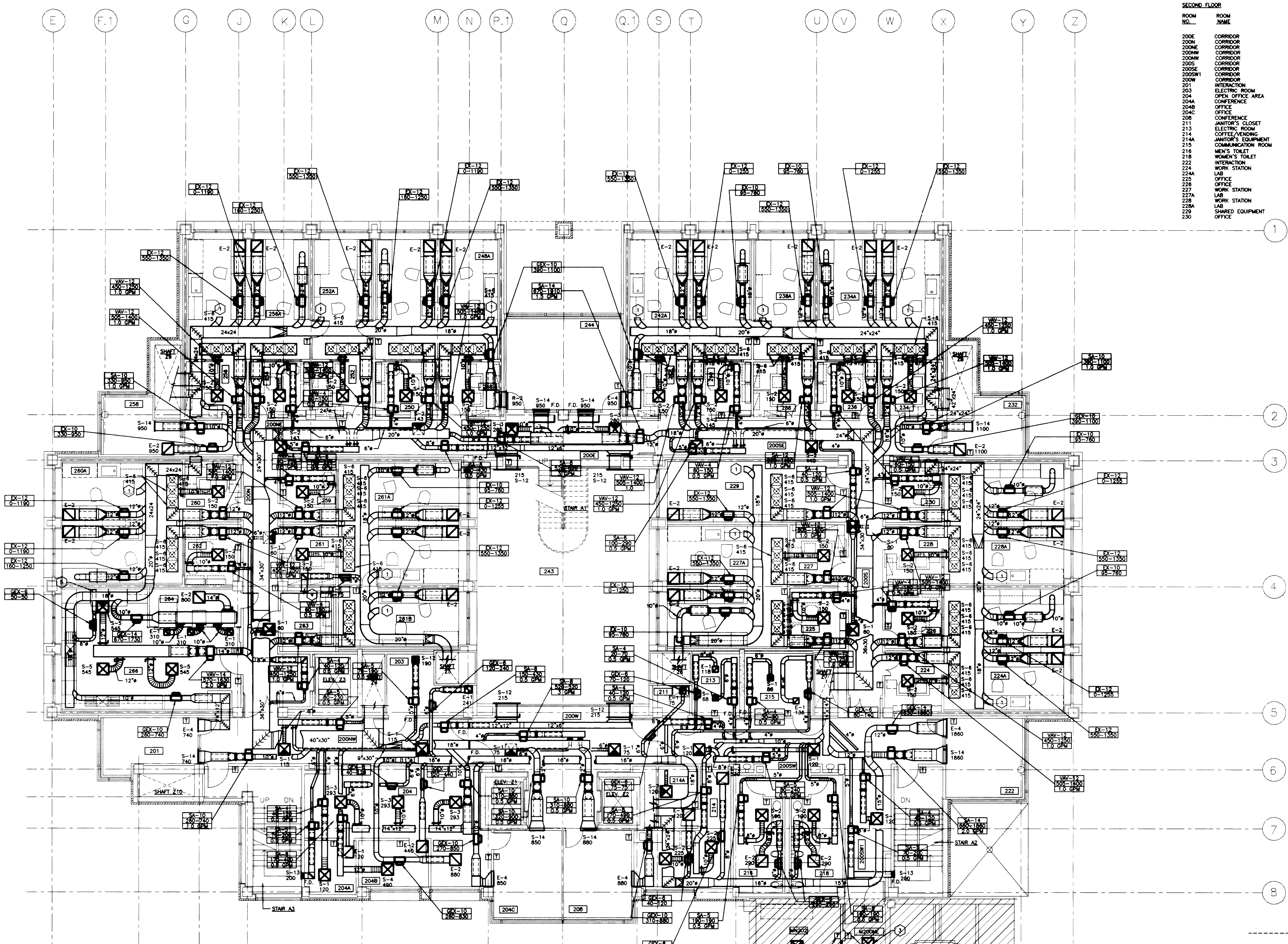
FIRST FLOOR - H.V.A.C. PLAN
SCALE: 1/8" = 1'-0"

RECORD DRAWINGS DATE 8/21/1995

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STAGGS & FISHER CONSULTING ENGINEERS, INC.

approved by	FINAL DOCUMENTS
Director - design and construction division	date
Project No.	60240.01
Scale	1/8" = 1'-0"
Drawing No.	8.11



ROOM NO.	ROOM NAME	ROOM NO.	ROOM NAME
200E	CORRIDOR	232	INTERACTION LAB
200N	CORRIDOR	234	OFFICE
200NE	CORRIDOR	234A	LAB
200NW	CORRIDOR	236	OFFICE
200NW	CORRIDOR	238	WORK STATION
200S	CORRIDOR	238	LAB
200SE	CORRIDOR	240	OFFICE
200SW	CORRIDOR	242	WORK STATION
200SW	CORRIDOR	242A	LAB
201	INTERACTION	243	ATRIUM
203	ELECTRIC ROOM	244	RESEARCH MEETING
204	OPEN OFFICE AREA	246	WORK STATION
204A	CONFERENCE	248A	LAB
204B	OFFICE	250	OFFICE
204C	OFFICE	252	WORK STATION
206	CONFERENCE	252A	LAB
211	JANITOR'S CLOSET	254	OFFICE
213	ELECTRIC ROOM	256	OFFICE
214	COFFEE/VENDING	256A	LAB
214A	JANITOR'S EQUIPMENT	258	INTERACTION
215	COMMUNICATION ROOM	258	OFFICE
216	MEN'S TOILET	260	WORK STATION
218	WOMEN'S TOILET	260A	LAB
222	INTERACTION	261A	LAB
224	WORK STATION	261B	LAB
225	OFFICE	262	OFFICE
226	OFFICE	263	COLD ROOM
227	WORK STATION	264	AUTOCLAVE
227A	LAB	268	GLASS/AUTOCLAVE
228	LAB	268	CORRIDOR
229	LAB	M202	CONFERENCE
230	SHARED EQUIPMENT OFFICE		

- CODED NOTES - SECOND FLOOR PLAN
- 1 CAP 12" DUCT FOR FUTURE CONNECTION.
 - 2 RELOCATE EXISTING THERMOSTAT TO NEW LOCATION AS SHOWN ON DRAWING.
 - 3 RELOCATE DIFFUSER TO NEW LOCATION. SEE ARCHITECTURAL CEILING PLAN FOR EXACT LOCATION, ADD ADDITIONAL DUCT OR SHORTEN DUCT AS NEEDED.
 - 4 CONNECT TO MANUFACTURER'S EXHAUST DUCT FITTING.
 - 5 6" EXHAUST DUCT TRANSITION TO 4" 8" DUCT AND CONNECT TO DISHWASHER EXHAUST.

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



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RECORD DRAWINGS DATE AUGUST 1995
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Project No.	90240.01
Scale	1/8" = 1'-0"
Drawing No.	8.12
Project Name	University of Kentucky Lexington, Kentucky
Final Documents	

THE UNIVERSITY OF KENTUCKY

MEDICAL RESEARCH EXPANSION SPACE
PROJECT NO. 747.0
Lexington, Kentucky

ARCHITECTURE ENGINEERING INTERIOR DESIGN

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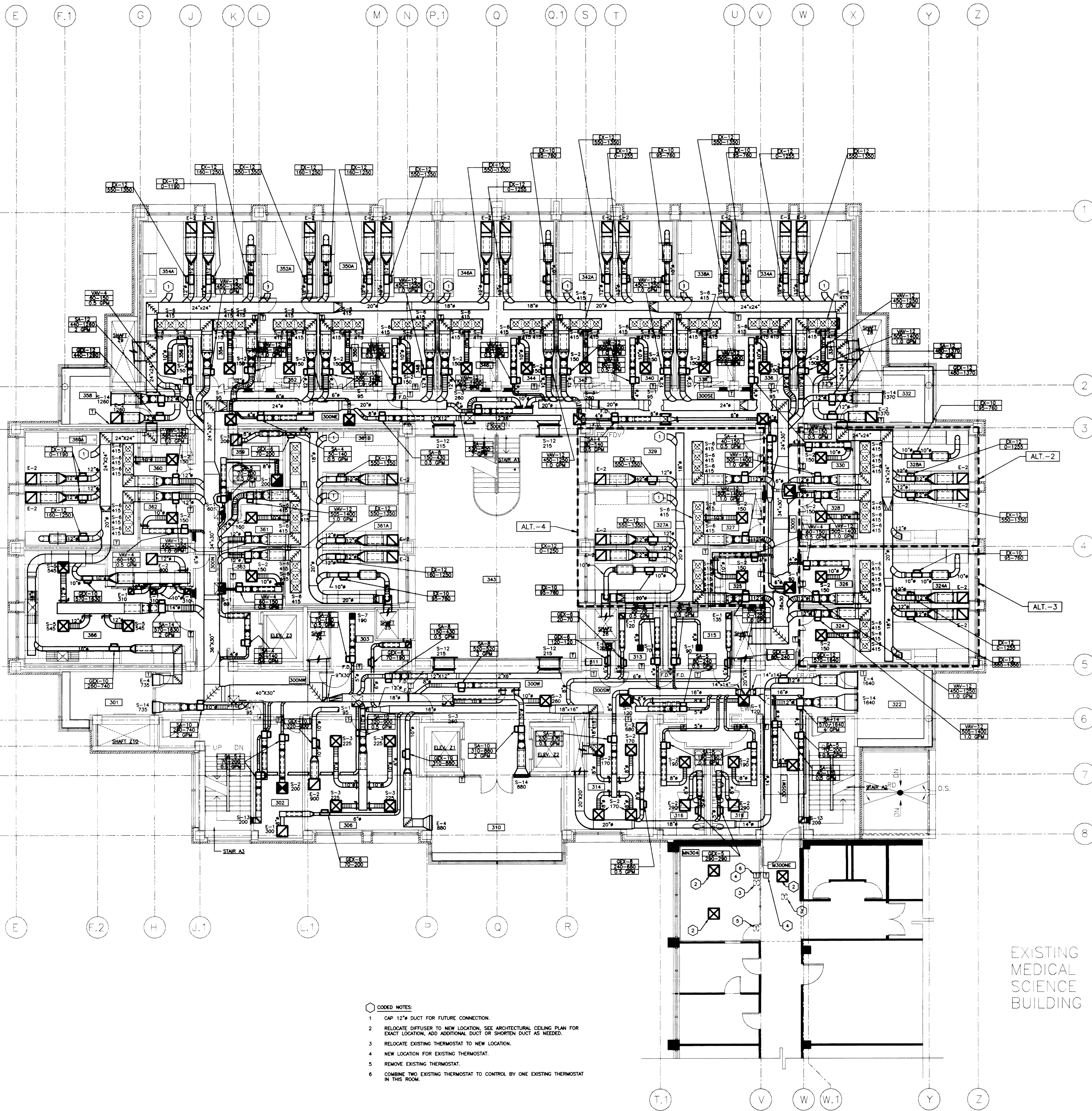
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Staggs and Fisher
Consulting Engineers, Inc.
317 South Ashland Avenue
Lexington, Kentucky 40502

PROFESSIONAL ENGINEER
DANIEL H. BRANSON
143175
REGISTERED PROFESSIONAL ENGINEER

PROFESSIONAL ENGINEER
GUY Q. GUY
45715
REGISTERED PROFESSIONAL ENGINEER

N
TRUE NORTH
Project North

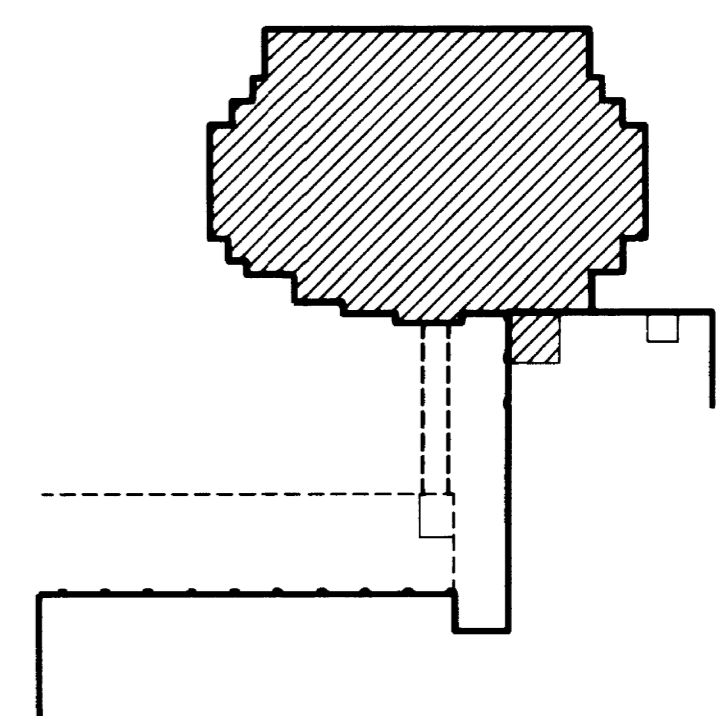
Revision	Date
Issue Date	DEC.92
Drawing Title	H.V.A.C. PLAN - SECOND FLOOR
Drawn by	AKL
Checked by	DHB
Project No.	90240.01
Scale	1/8" = 1'-0"
Drawing No.	8.12



THIRD FLOOR			
ROOM NO.	ROOM NAME	ROOM NO.	ROOM NAME
300E	CORRIDOR	324	WORK STATION
300N	CORRIDOR	324A	LAB
300NE	CORRIDOR	325	COLD ROOM
300NW	CORRIDOR	326	OFFICE
300S	CORRIDOR	327	WORK STATION
300SE	CORRIDOR	327A	LAB
300SW	CORRIDOR	328	WORK STATION
300SW1	CORRIDOR	328A	LAB
300W	CORRIDOR	329	SHARED EQUIPMENT
301	INTERACTION	330	OFFICE
302	JANITORS EQUIPMENT	332	INTERACTION
303	ELECTRIC ROOM	334	LAB SUITE
306	ELECTRICAL	343	ATRIUM
310	GENERAL CONFERENCE	358	INTERACTION
311	JANITORS CLOSET	359	LAB ROOM
313	ELECTRIC ROOM	360	LAB SUITE
314	OFFICE/RENOVING	361	LAB SUITE
315	COMMUNICATIONS ROOM	366	GLASSWASH/AUTOCLAVE
318	MEN'S TOILET	MOONE	CORRIDOR
319	WOMEN'S TOILET	MOO24	CONFERENCE ROOM
322	INTERACTION		

- CODED NOTES:**
- 1 CAP 12" DUCT FOR FUTURE CONNECTION.
 - 2 RELOCATE DIFFUSER TO NEW LOCATION. SEE ARCHITECTURAL CEILING PLAN FOR EXACT LOCATION. ADD ADDITIONAL DUCT OR SHORTEN DUCT AS NEEDED.
 - 3 RELOCATE EXISTING THERMOSTAT TO NEW LOCATION.
 - 4 NEW LOCATION FOR EXISTING THERMOSTAT.
 - 5 REMOVE EXISTING THERMOSTAT.
 - 6 COMBINE TWO EXISTING THERMOSTAT TO CONTROL BY ONE EXISTING THERMOSTAT IN THIS ROOM.

FAILURE TO ABIDE BY DESIGN DOCUMENTS OR TO OBTAIN GUIDANCE FROM THE DESIGN PROFESSIONAL WILL BE AT THE USER'S RISK. THE DESIGN PROFESSIONAL WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THIS DOCUMENT AS A RESULT OF THE USER'S FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY.



RECORD DRAWINGS DATE AUGUST 1995

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Project No.	00240.01
Date	1/8" = 1'-0"
By	A.K.L.
Checked by	D.H.B.
Project No.	00240.01
Scale	1/8" = 1'-0"
Drawing No.	8.13R

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

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MEDICAL RESEARCH EXPANSION SPACE PROJECT NO. 747.0 Lexington, Kentucky

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317 South Ashland Avenue
Lexington, Kentucky 40502

N
TRUE NORTH
Project North

Revision	Date	OCT. 93
Issue Date	DEC. 92	
Drawing Title	THIRD FLOOR - H.V.A.C. PLAN	

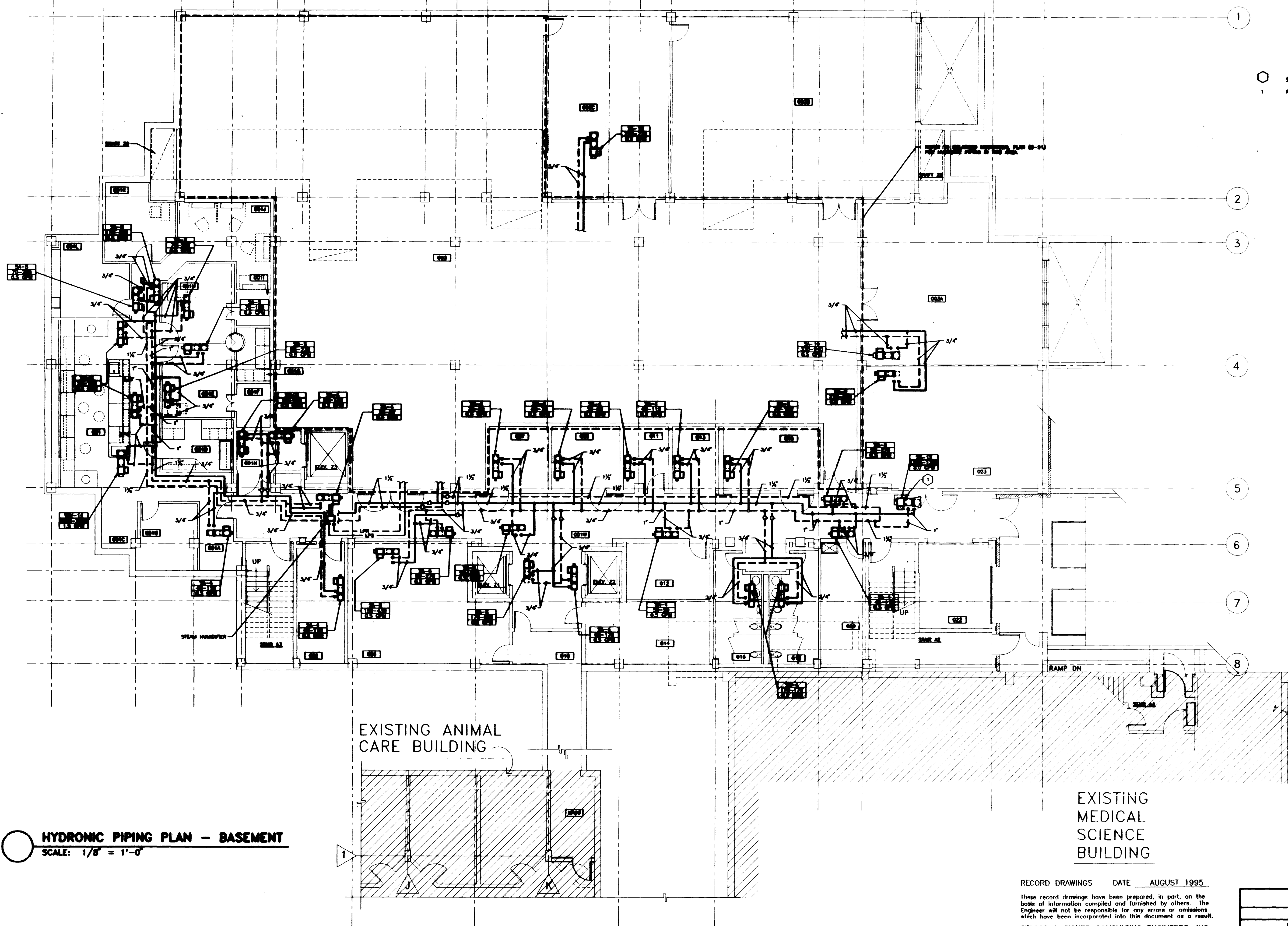
Drawn by A.K.L.
Checked by D.H.B.
Project No. 00240.01
Scale 1/8" = 1'-0"
Drawing No. 8.13R

Project No. 00240.01
Date 1/8" = 1'-0"
By A.K.L.
Checked by D.H.B.
Project No. 00240.01
Scale 1/8" = 1'-0"
Drawing No. 8.13R

DRAWING: S:\DWG\ACTIVE\UK\LAB\MEDIA\BLR_DMSSCALE= 30, DMSSCALE= 96, 08/22/95 AT 14:56

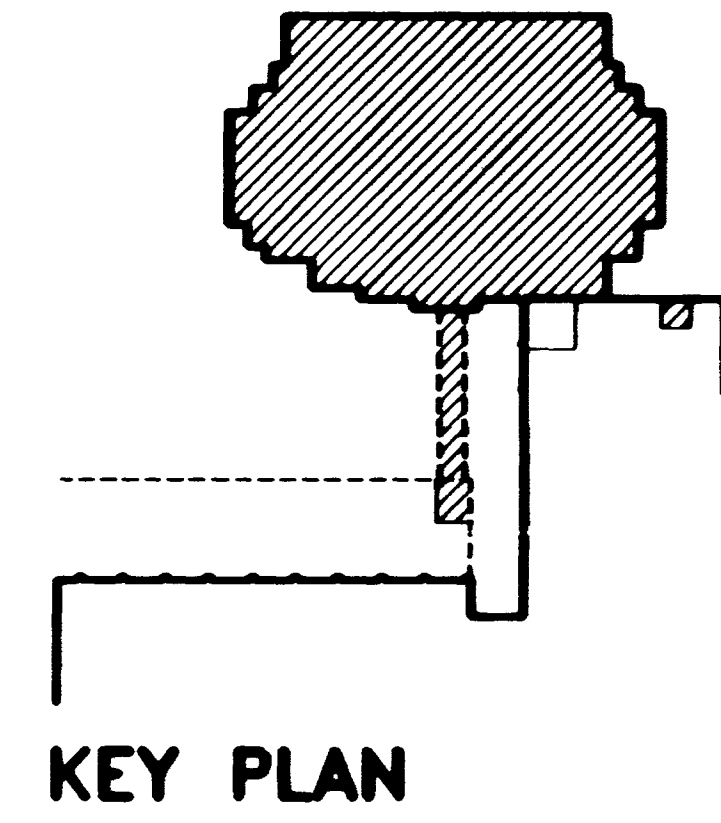
E F.1 G J K L M N P.1 Q Q.1 S T U V W X Y Z

NO.	DESCRIPTION	DATE
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003	ISSUED FOR PERMITS	08/15/95
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024	ISSUED FOR PERMITS	08/15/95
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026	ISSUED FOR PERMITS	08/15/95
027	ISSUED FOR PERMITS	08/15/95
028	ISSUED FOR PERMITS	08/15/95
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○ **NOTE:**
1. PROVIDE (3) THREE-WAY VALVE ON THIS LINE.

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



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University of Kentucky Lexington, Kentucky	Checked by SFB
Project No. 00240.01	Scale 1/8" = 1'-0"
Drawing No. 8-15	
FINAL DOCUMENTS	

THE UNIVERSITY OF KENTUCKY
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PROJECT NO. 747.0
Lexington, Kentucky

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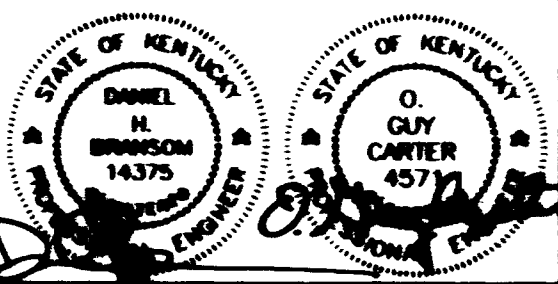
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N
Project North

Revision Date
Issue Date DEC-92
Drawing Title
HYDRONIC PIPING PLAN - BASEMENT

Drawn by
ARL
Checked by
SFB
Project No. 00240.01
Scale 1/8" = 1'-0"
Drawing No.
8-15

CHAMBERLAIN-15, DIMSCALE= 1/8", DATE= 12/12/92, AT 12:44
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46 A-1 002751



ARCHITECTURE ENGINEERING INTERIOR DESIGN

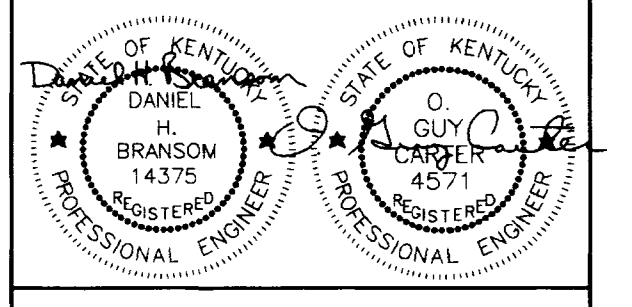
Boston Buffalo New York St. Louis Washington

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ARCHITECTURE ENGINEERING PLANNING INTERIORS 326 South Broadway Lexington, Kentucky 606-254-6623

SF Stags and Fisher Consulting Engineers, Inc. 317 South Ashland Avenue Lexington, Kentucky 40502



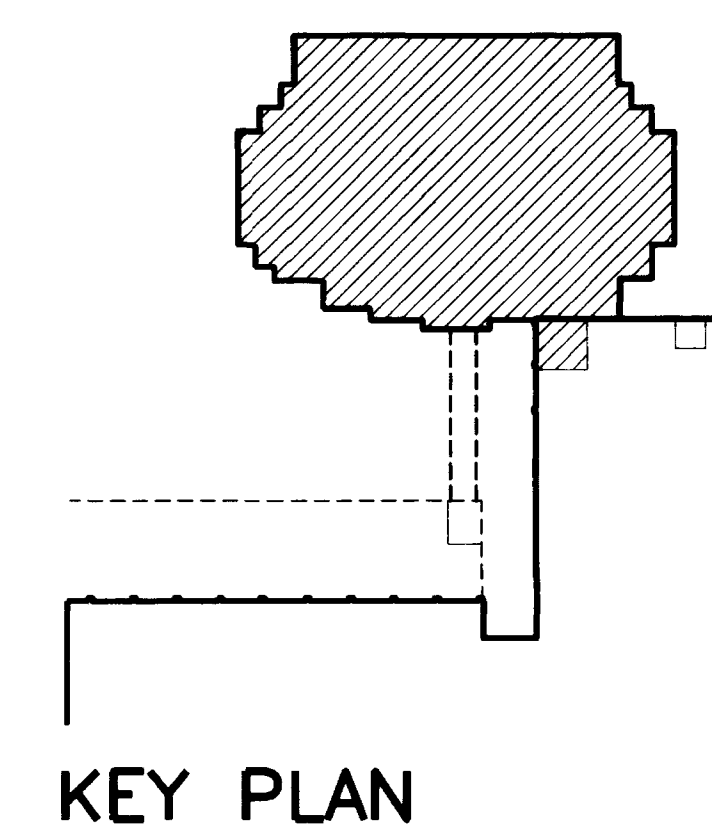
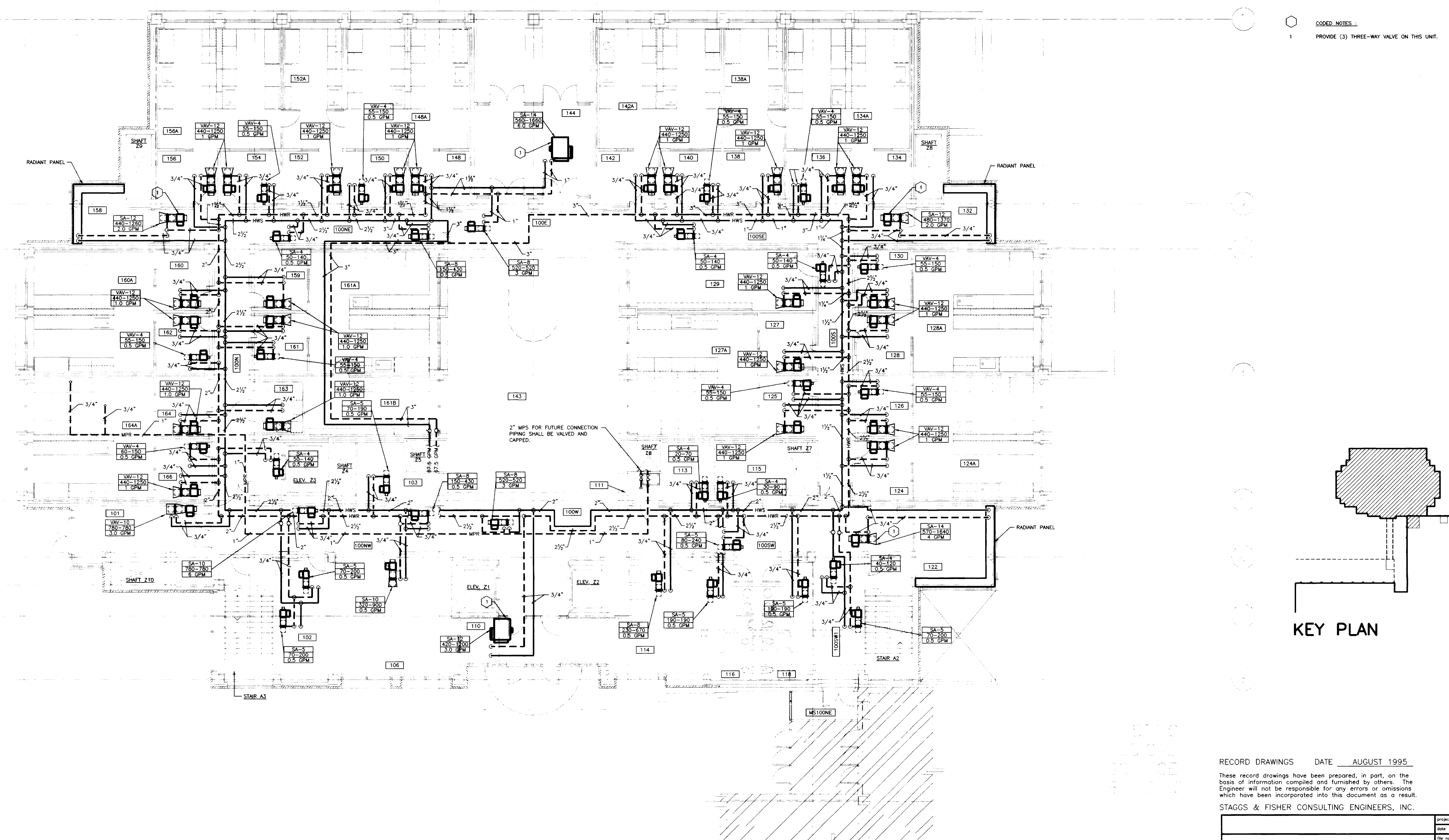
Revision	Date
Issue Date	DEC.92
Drawing Title	

FIRST FLOOR - HYDRONIC PIPING PLAN

Drawn by	I.C.B.
Checked by	D.H.B.
Project No.	Scale
90240.01	1/8" = 1'-0"
Drawing No.	8.16

ROOM NO.	ROOM NAME	ROOM NO.	ROOM NAME
100E	CORRIDOR	132	INTERACTION WORK STATION
100N	CORRIDOR	134	LAB
100NE	CORRIDOR	134A	LAB
100NW	CORRIDOR	136	OFFICE
100S	CORRIDOR	138	WORK STATION
100SE	CORRIDOR	138A	LAB
100SW	CORRIDOR	140	OFFICE
100SWI	CORRIDOR	142	WORK STATION
100W	CORRIDOR	142A	LAB
101	VESTIBULE	143	ATRIUM
102	JANITORS EQUIPMENT	144	VESTIBULE
103	ELECT. ROOM	148	WORK STATION
106	CLERICAL	148A	LAB
110	ENTRY	150	OFFICE
111	JANITORS CLOSET	152	WORK STATION
113	ELECTRIC ROOM	152A	LAB
114	COFFEE/VENDING	154	OFFICE
115	COMMUNICATIONS ROOM	156	WORK STATION
116	MENS TOILET	156A	LAB
118	WOMENS TOILET	158	INTERACTION WORK STATION
122	INTERSECTION	160	WORK STATION
124	LAB	160A	LAB
125	OFFICE	161	LAB
126	OFFICE	161A	LAB
127	WORK STATION	162	OFFICE
127A	LAB	163	COLD ROOM
128	LAB	164	LAB
128A	LAB	164A	WORK STATION
129	SHARED EQUIPMENT	166	OFFICE
130	OFFICE	MS100NE	VESTIBULE

CODED NOTES:
1 PROVIDE (3) THREE-WAY VALVE ON THIS UNIT.



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

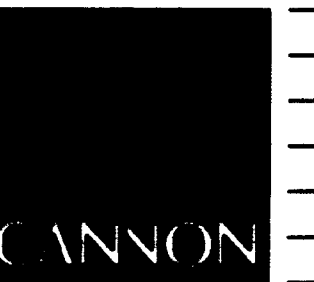
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University of Kentucky Lexington, Kentucky	project no.	
	title	
	date	
	drawn by	
	checked by	
	project no.	
	scale	
	drawing no.	
FINAL DOCUMENTS	director - design and construction division	date



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Washington

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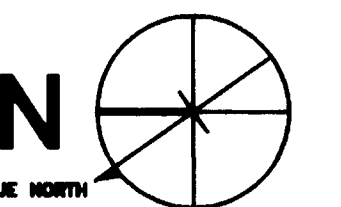
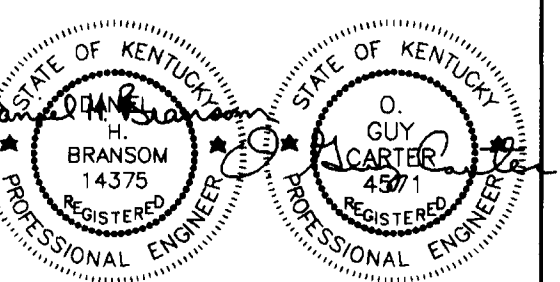
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317 South Ashland Avenue
Lexington, Kentucky 40502



Project North

Revision	Date
Issue	DEC.92

Drawing Title
SECOND FLOOR - HYDRONIC PIPING PLAN

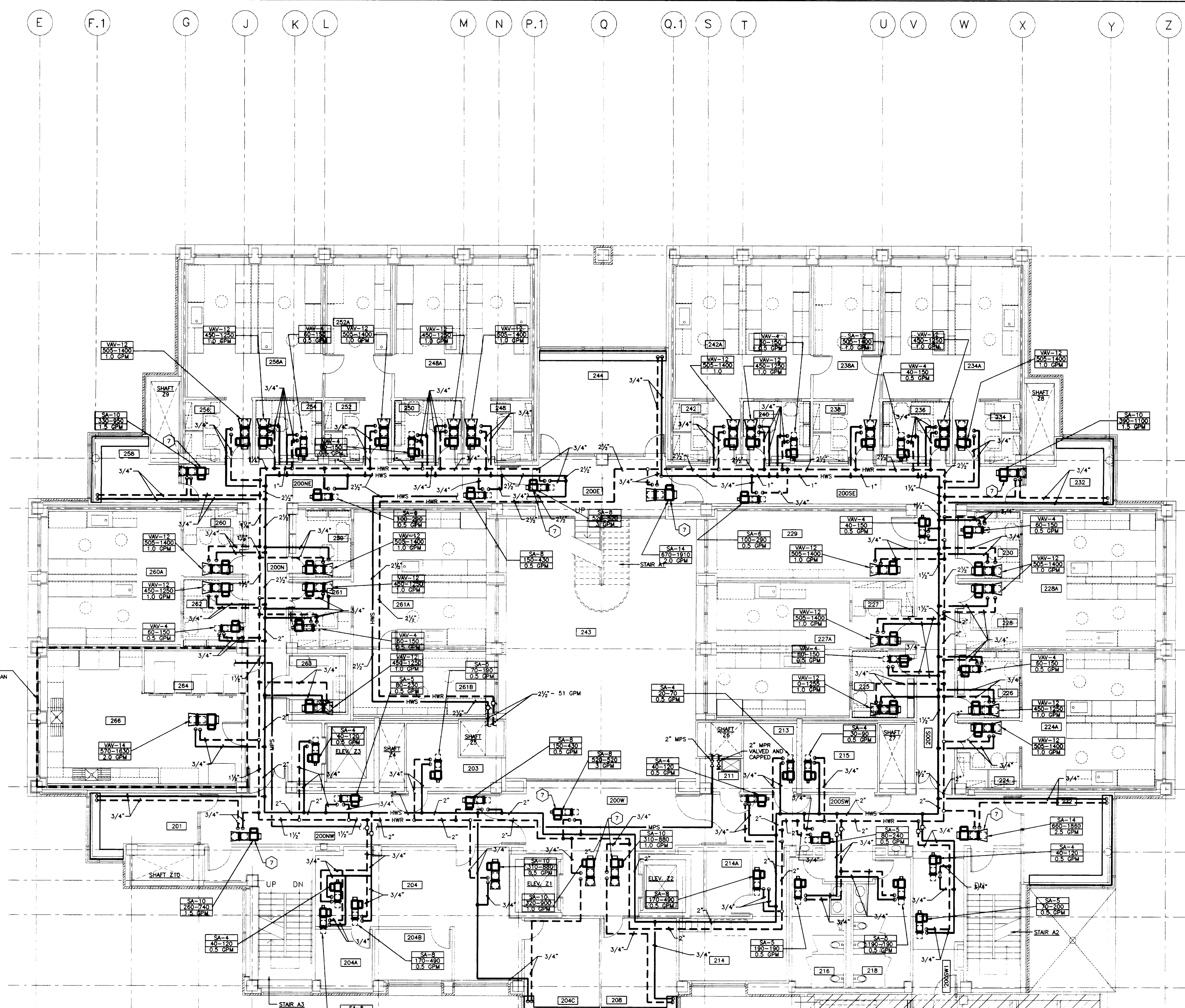
RECORD DRAWINGS DATE AUGUST 1995

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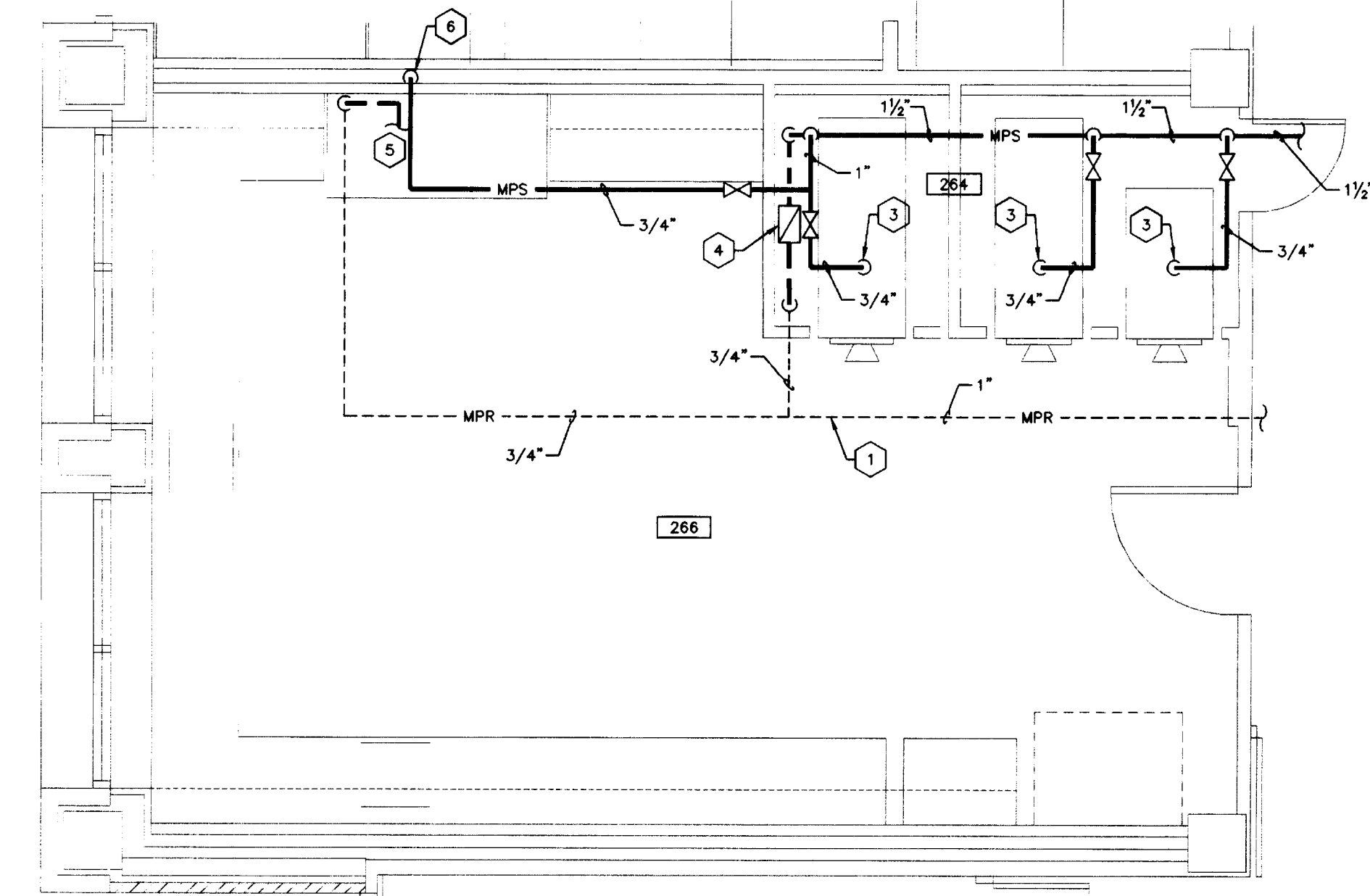
STAGGS & FISHER CONSULTING ENGINEERS, INC.

Project no.	
Rev.	
Drawn by	AKL
Checked by	DHB
Project No.	90240.01
Scale	1/8" = 1'-0"
Drawing No.	8-17
Project Name	University of Kentucky Lexington, Kentucky
Approval	FINAL DOCUMENTS

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FOR THIS AREA SEE ENLARGED PLAN ON THIS SHEET

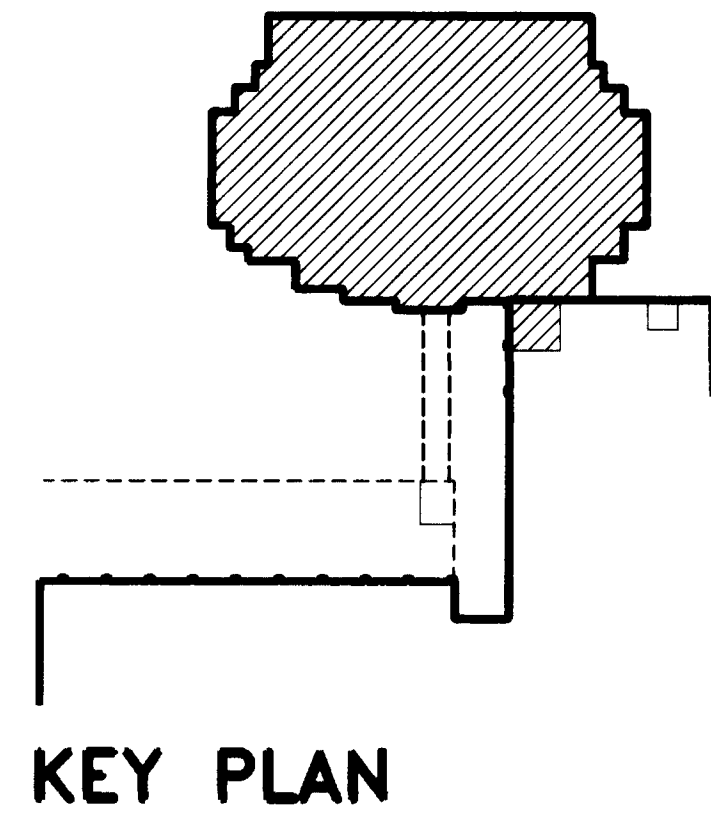


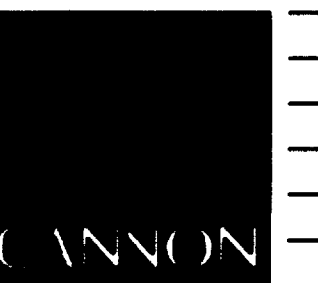
ENLARGED GLASSWASH/AUTOCLAVE ROOM
SCALE: 1/4" = 1'-0"

- CODED NOTES:
- MPR INSTALLED UNDERFLOOR. SLOPE TOWARD RISER.
 - HYDRONIC SUPPLY & RETURN PIPING FOR FUTURE CONNECTION. SLOPE LINE TOWARD STEAM MAIN.
 - MAKE CONNECTION TO STEAM STERILIZER AS RECOMMENDED BY THE MANUFACTURER. SLOPE LINE TOWARD STEAM MAIN.
 - INSTALL END OF MAIN DRIP (SEE DETAIL).
 - CONNECT MPR TO CONDENSATE DRAIN CONNECTION ON THE DISH WASHER. CONNECT IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
 - MAKE CONNECTION TO DISH WASHER AS RECOMMENDED BY THE MANUFACTURER. SLOPE LINE TOWARD STEAM MAIN.
 - PROVIDE (3) THREE-WAY VALVE ON THIS UNIT.

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

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SCIENCE
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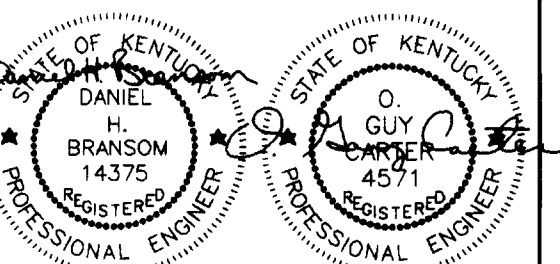
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Revision Date OCT. 93
Issue Date DEC. 92

Drawing Title
THIRD FLOOR -
HYDRONIC PIPING PLAN

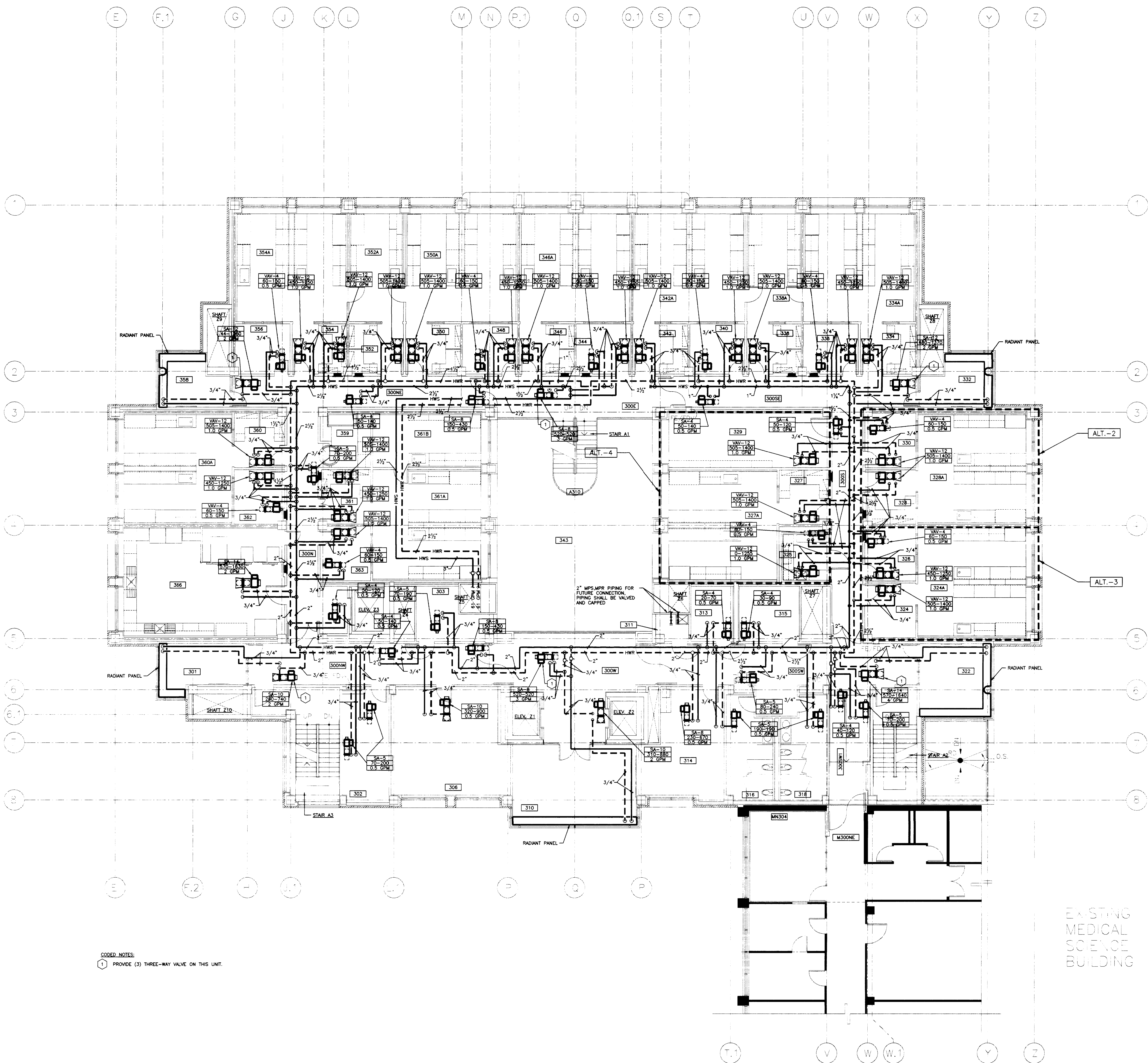
RECORD DRAWINGS DATE AUGUST 1995

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project no.	
date	
file no.	
dr. by	
ck. by	
revision	
drawing no.	
approved by	FINAL DOCUMENTS
director - design and construction division	date

Drawn by
I.C.B.
Checked by
D.H.B.
Project No. Scale
80240.01 1/8" = 1'-0"
Drawing No.
8.18R



CODED NOTES:
1 PROVIDE (3) THREE-WAY VALVE ON THIS UNIT.

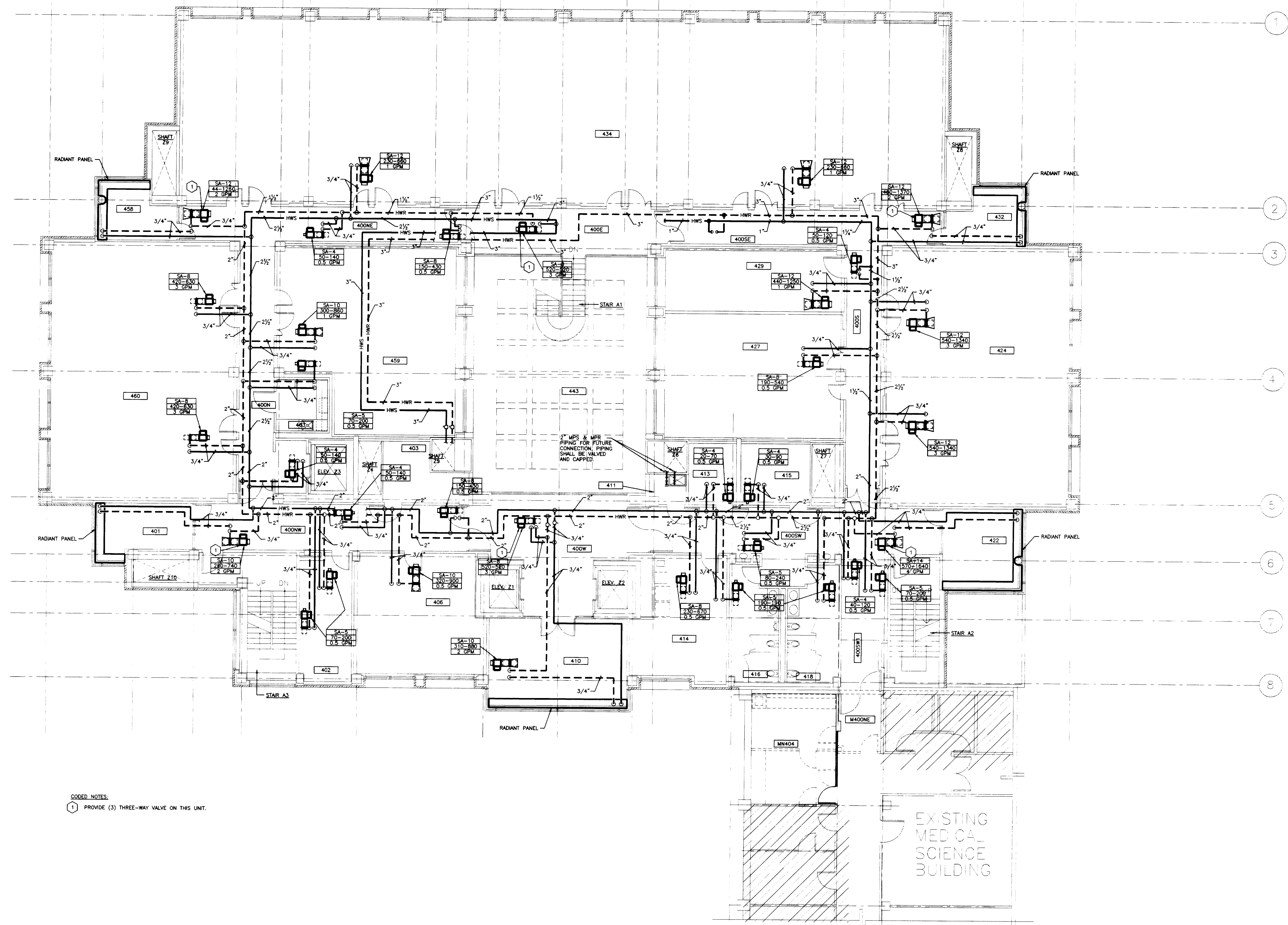
THIRD FLOOR - HYDRONIC PIPING PLAN
SCALE: 1/8" = 1'-0"

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Drawing No. 8.18R

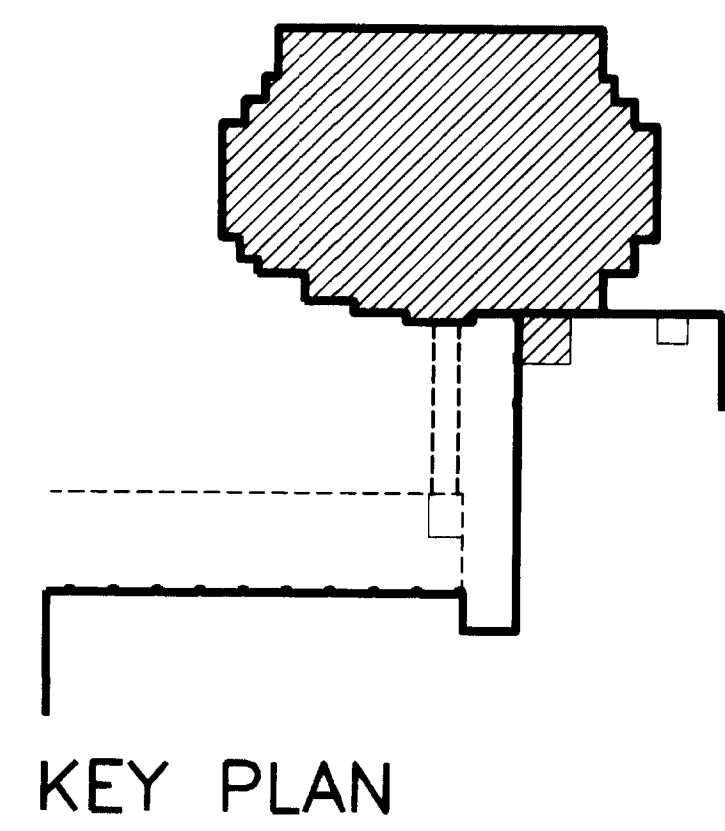
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ROOM NO.	ROOM NAME	ROOM NO.	ROOM NAME
400E	CORRIDOR	413	ELECTRIC ROOM
400N	CORRIDOR	414	COFFEE/VENDING
400NE	CORRIDOR	415	COMMUNICATIONS ROOM
400NW	CORRIDOR	416	MENS TOILET
400S	CORRIDOR	417	WOMENS TOILET
400SE	CORRIDOR	422	INTERACTION
400SW	CORRIDOR	424	LAB SUITE
400SW1	CORRIDOR	427	LAB SUITE
400W	CORRIDOR	432	INTERACTION
401	INTERACTION	434	LAB SUITE
402	JANITORS EQUIPMENT	443	INTERACTION
403	ELECTRIC ROOM	458	LAB SUITE
406	CLERICAL	459	LAB SUITE
410	GENERAL CONFERENCE	460	LAB SUITE
411	JANITORS CLOSET	463	COLD ROOM
		463	CONFERENCE ROOM
		MN404	CORRIDOR
		MA006	



CODED NOTES:
 1 PROVIDE (3) THREE-WAY VALVE ON THIS UNIT.

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



KEY PLAN

RECORD DRAWINGS DATE AUGUST 1995

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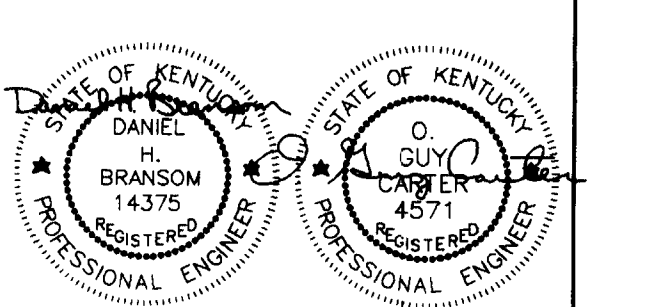
project no.	
date	
file no.	
drawn by	
checked by	
revision	
drawing	
no.	
approved by	FINAL DOCUMENTS
director - design and construction division	
date	
sheet	

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PROJECT NO. 747.0
Lexington, Kentucky

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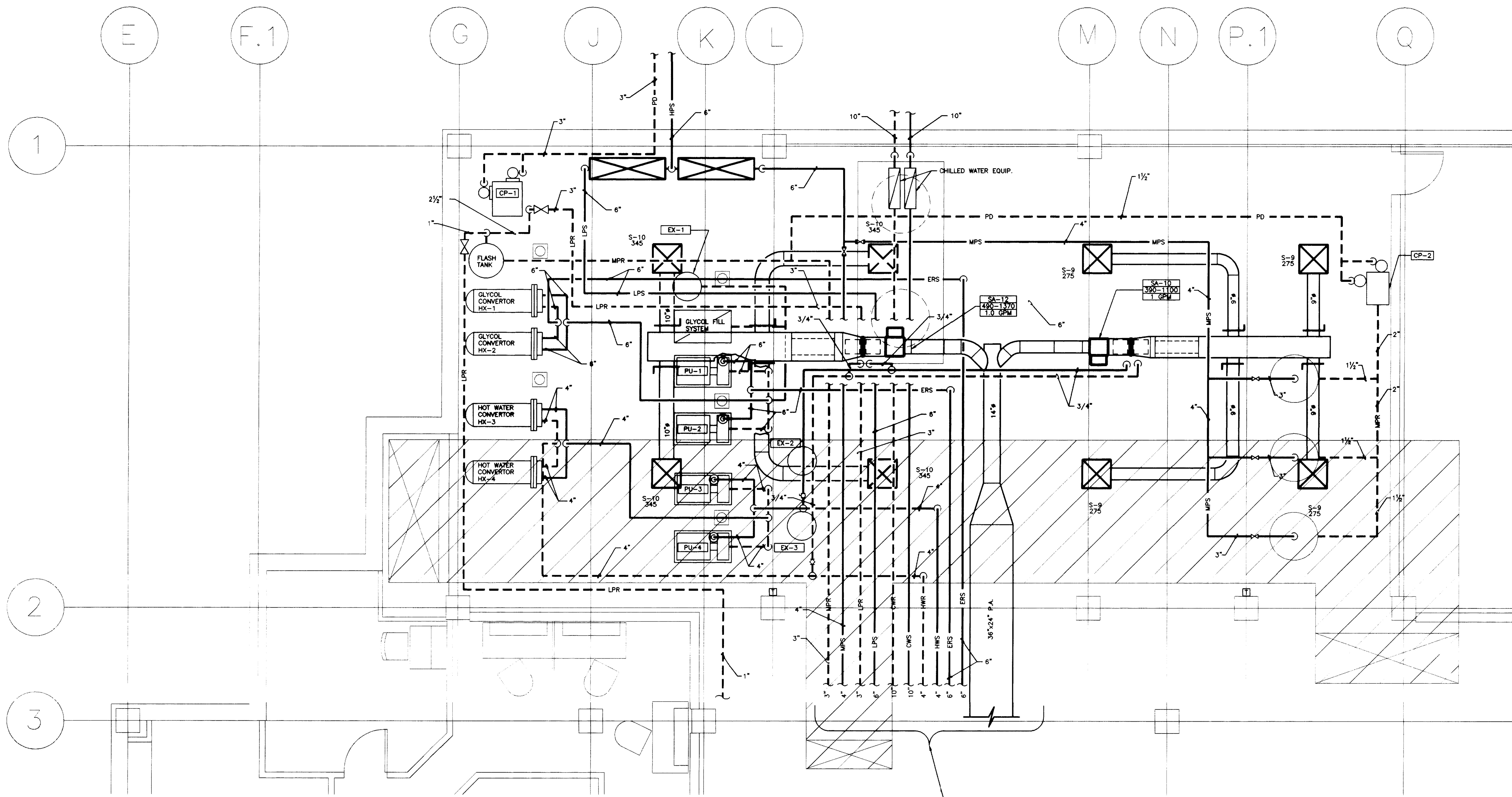
SF
 Staggs and Fisher
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 317 South Ashland Avenue
 Lexington, Kentucky 40502



Revision	Date
Issue Date	DEC.92
Drawing Title	

FOURTH FLOOR - HYDRONIC PIPING PLAN

Drawn by	I.C.B.
Checked by	D.H.B.
Project No.	80240.01
Scale	1/8" = 1'-0"
Drawing No.	8.19



REFER TO ENLARGED MECH. PLAN (8-51) FOR CONTINUATION.

ENLARGED MECHANICAL ROOM - H.V.A.C. PLAN

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

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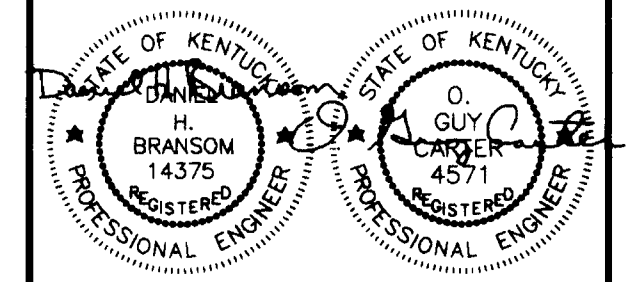
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Revision _____ Date _____
 Issue Date DEC.92

Drawing Title
 H.V.A.C. PLAN -
 ENLARGED MECH. ROOM

Drawn by
 AKL
 Checked by
 DHB
 Project No. Scale
 80240.01 1/4" = 1'-0"
 Drawing No.
8.50

RECORD DRAWINGS DATE AUGUST 1995

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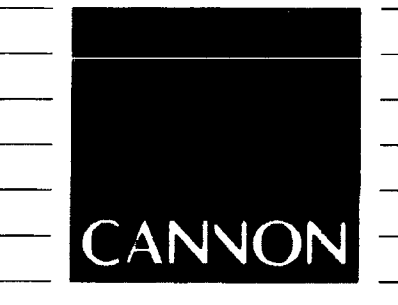
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project no.	
date	
file no.	
dr. by	
ch. by	
revision	
drawing no.	
approved by FINAL DOCUMENTS director - design and construction division	

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DRAWING: S:\DWG\ACTIVE\UKR\MEDCH\8-50_DWGSCALE= 24, LTRSCALE= 15, DWGSCALE= 48, 08/25/95 AT 08:19

Drawing # 802356 A-1 46



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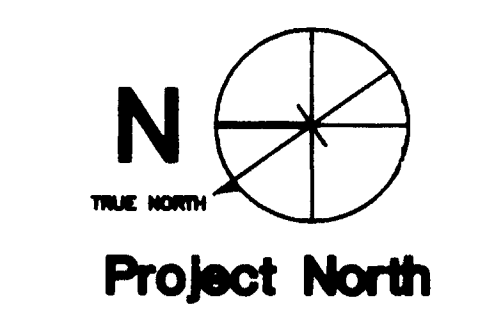
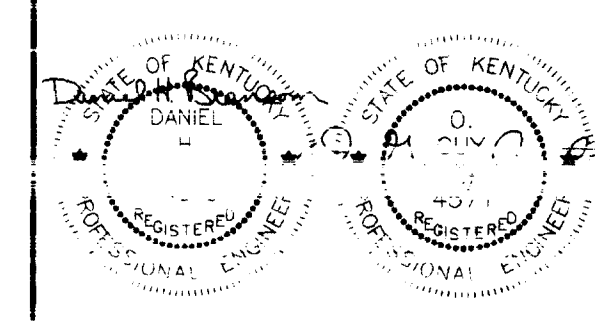
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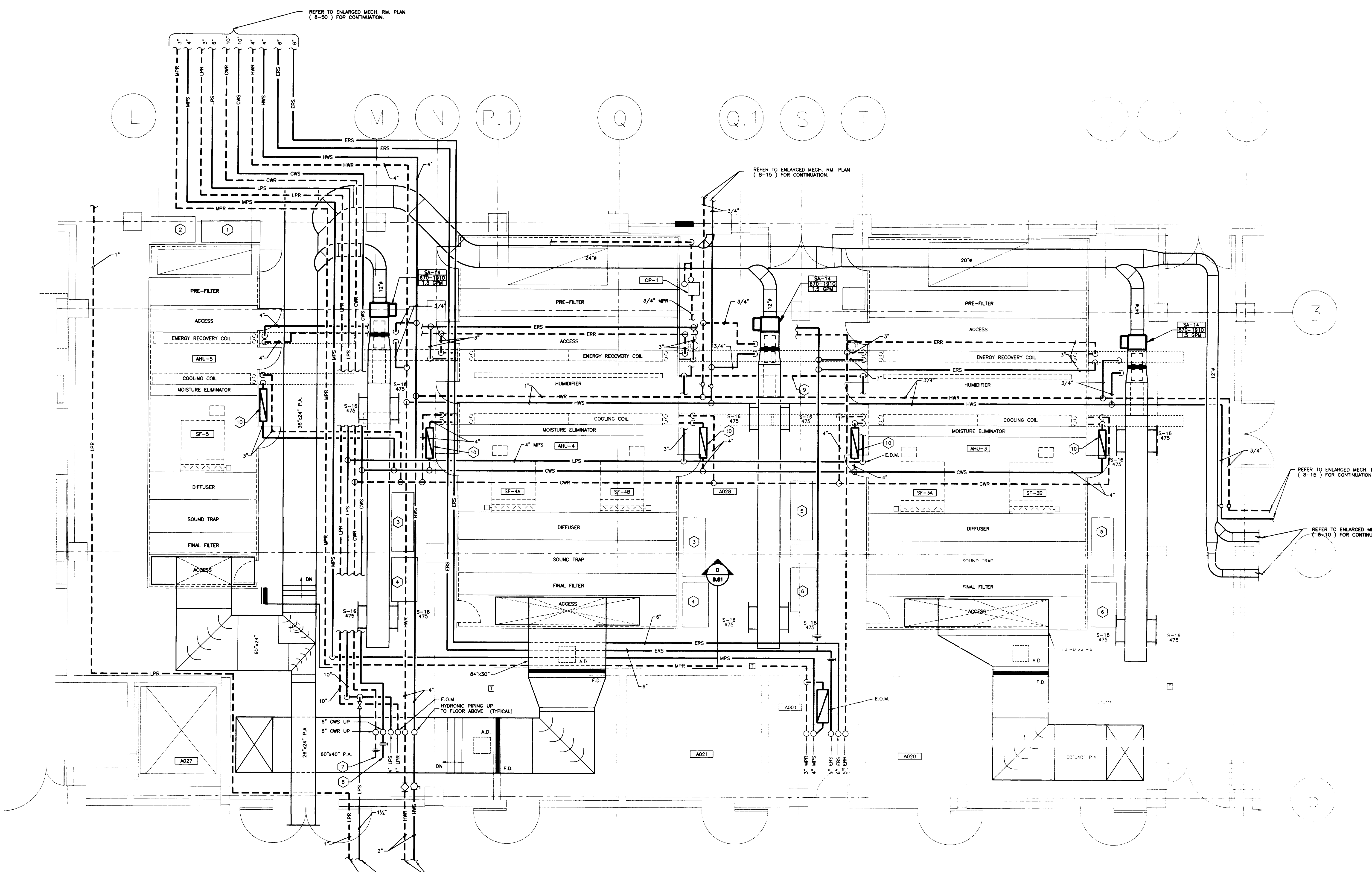
SF
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Lexington, Kentucky 40505



Revision	Date
Issue Date	DEC., 92

Drawing Title
ENLARGED MECH. RM. -
H.V.A.C. PLAN (PART B)

Project No.	Scale
90240.01	1/4" = 1'-0"
Drawing No.	
8.51	



ENLARGED MECHANICAL ROOM - H.V.A.C. PLAN
SCALE : 1/4" = 1'-0"

- CODED NOTES:**
- FREQUENCY DRIVES FOR AHU-5.
 - ISOLATION TRANSFORMER FOR AHU-5.
 - FREQUENCY DRIVES FOR AHU-4.
 - ISOLATION TRANSFORMER FOR AHU-4.
 - FREQUENCY DRIVES FOR AHU-3.
 - ISOLATION TRANSFORMER FOR AHU-3.
 - 10" CAPPED BUTTERFLY VALVE ON CWR.
 - 10" CAPPED BUTTERFLY VALVE ON CWS.
 - BUILD METAL RAMP OVER 3/4" LPR MAKE SAME WIDTH AS DOOR.
 - CHILLED WATER PUMP SYSTEM.

RECORD DRAWINGS DATE AUGUST 1995

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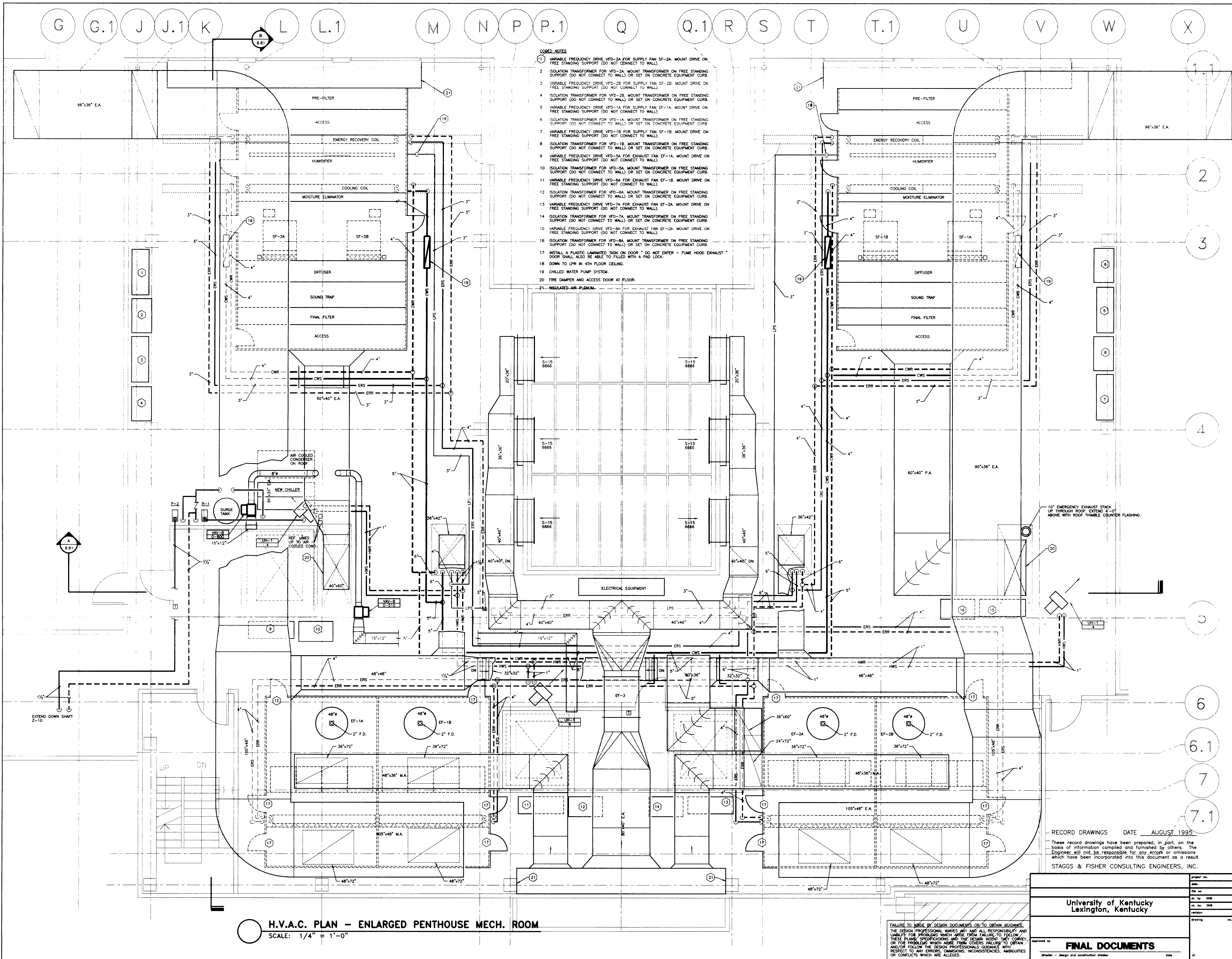
STAGGS & FISHER CONSULTING ENGINEERS, INC.

project no.	
date	
drawn by	AKL
checked by	DHB
revision	
drawing	00
approved by	FINAL DOCUMENTS
director - design and construction division	

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DRAWING - E:\UKURB\95-51_DANS\SCALE-24_LTS\SCALE-48_12/09/92 AT 18:23

Sheet A-1 012757 46



- CODED NOTES**
- VARIABLE FREQUENCY DRIVE VFD-2A FOR SUPPLY FAN SF-2A. MOUNT DRIVE ON FREE STANDING SUPPORT (DO NOT CONNECT TO WALL).
 - ISOLATION TRANSFORMER FOR VFD-2A. MOUNT TRANSFORMER ON FREE STANDING SUPPORT (DO NOT CONNECT TO WALL) OR SET ON CONCRETE EQUIPMENT CURB.
 - VARIABLE FREQUENCY DRIVE VFD-2B FOR SUPPLY FAN SF-2B. MOUNT DRIVE ON FREE STANDING SUPPORT (DO NOT CONNECT TO WALL).
 - ISOLATION TRANSFORMER FOR VFD-2B. MOUNT TRANSFORMER ON FREE STANDING SUPPORT (DO NOT CONNECT TO WALL) OR SET ON CONCRETE EQUIPMENT CURB.
 - VARIABLE FREQUENCY DRIVE VFD-1A FOR SUPPLY FAN SF-1A. MOUNT DRIVE ON FREE STANDING SUPPORT (DO NOT CONNECT TO WALL).
 - ISOLATION TRANSFORMER FOR VFD-1A. MOUNT TRANSFORMER ON FREE STANDING SUPPORT (DO NOT CONNECT TO WALL) OR SET ON CONCRETE EQUIPMENT CURB.
 - VARIABLE FREQUENCY DRIVE VFD-1B FOR SUPPLY FAN SF-1B. MOUNT DRIVE ON FREE STANDING SUPPORT (DO NOT CONNECT TO WALL).
 - ISOLATION TRANSFORMER FOR VFD-1B. MOUNT TRANSFORMER ON FREE STANDING SUPPORT (DO NOT CONNECT TO WALL) OR SET ON CONCRETE EQUIPMENT CURB.
 - VARIABLE FREQUENCY DRIVE VFD-5A FOR EXHAUST FAN EF-1A. MOUNT DRIVE ON FREE STANDING SUPPORT (DO NOT CONNECT TO WALL).
 - ISOLATION TRANSFORMER FOR VFD-5A. MOUNT TRANSFORMER ON FREE STANDING SUPPORT (DO NOT CONNECT TO WALL) OR SET ON CONCRETE EQUIPMENT CURB.
 - VARIABLE FREQUENCY DRIVE VFD-5B FOR EXHAUST FAN EF-1B. MOUNT DRIVE ON FREE STANDING SUPPORT (DO NOT CONNECT TO WALL).
 - ISOLATION TRANSFORMER FOR VFD-5B. MOUNT TRANSFORMER ON FREE STANDING SUPPORT (DO NOT CONNECT TO WALL) OR SET ON CONCRETE EQUIPMENT CURB.
 - VARIABLE FREQUENCY DRIVE VFD-7A FOR EXHAUST FAN EF-2A. MOUNT DRIVE ON FREE STANDING SUPPORT (DO NOT CONNECT TO WALL).
 - ISOLATION TRANSFORMER FOR VFD-7A. MOUNT TRANSFORMER ON FREE STANDING SUPPORT (DO NOT CONNECT TO WALL) OR SET ON CONCRETE EQUIPMENT CURB.
 - VARIABLE FREQUENCY DRIVE VFD-7B FOR EXHAUST FAN EF-2B. MOUNT DRIVE ON FREE STANDING SUPPORT (DO NOT CONNECT TO WALL).
 - ISOLATION TRANSFORMER FOR VFD-7B. MOUNT TRANSFORMER ON FREE STANDING SUPPORT (DO NOT CONNECT TO WALL) OR SET ON CONCRETE EQUIPMENT CURB.
 - INSTALL A PLASTIC LAMINATED SIGN ON DOOR - DO NOT ENTER - FUME HOOD EXHAUST - DOWN TO LPR IN 4TH FLOOR CEILING.
 - CHILLED WATER PUMP SYSTEM.
 - FIRE DAMPER AND ACCESS DOOR AT FLOOR.
 - INSULATED AIR PLENUM.

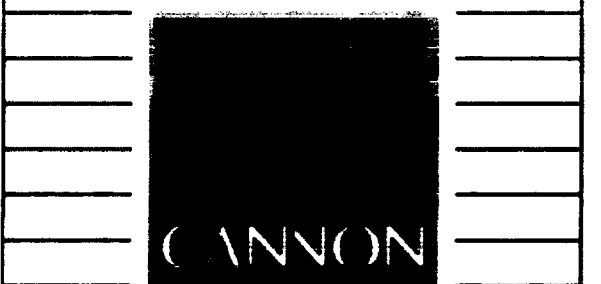
H.V.A.C. PLAN - ENLARGED PENTHOUSE MECH. ROOM
SCALE: 1/4" = 1'-0"

RECORD DRAWINGS DATE AUGUST 1995
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Project No.	90240.01
Scale	1/4" = 1'-0"
Drawing No.	8.52
Project Name	University of Kentucky Lexington, Kentucky
Drawn by	DHB
Checked by	DHB
Project Title	H.V.A.C. PLAN - ENLARGED PENTHOUSE MECHANICAL ROOM
Revision	
Date	
Issue Date	DEC. 92
Drawing Title	

FAILURE TO MAKE BY DESIGN DOCUMENTS UP TO OBTAIN SUCCESSES THE DESIGN PROFESSIONAL WAKES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS SPECIFICATIONS AND THE DESIGN INTENT THE CONVEY, OR FOR PROBLEMS WHICH ARISE FROM OTHERS FAILURE TO OBTAIN AND/OR FOLLOW THE DESIGN PROFESSIONALS GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.

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Lexington, Kentucky



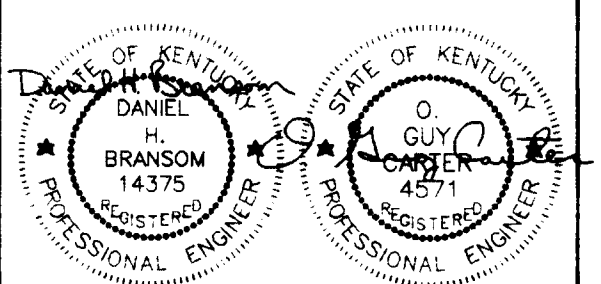
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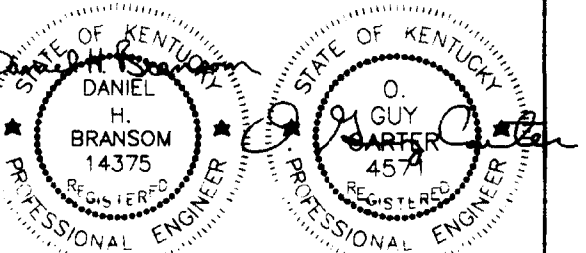
SF
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317 South Ashland Avenue
Lexington, Kentucky 40502



Revision	Date
Issue Date	DEC. 92

H.V.A.C. PLAN - ENLARGED PENTHOUSE MECHANICAL ROOM

Drawn by
DHB
Checked by
DHB
Project No. 90240.01
Scale 1/4" = 1'-0"
Drawing No. 8.52



Revision	Date
Issue	DEC.92
Drawing Title	

HVAC SHAFT DETAILS

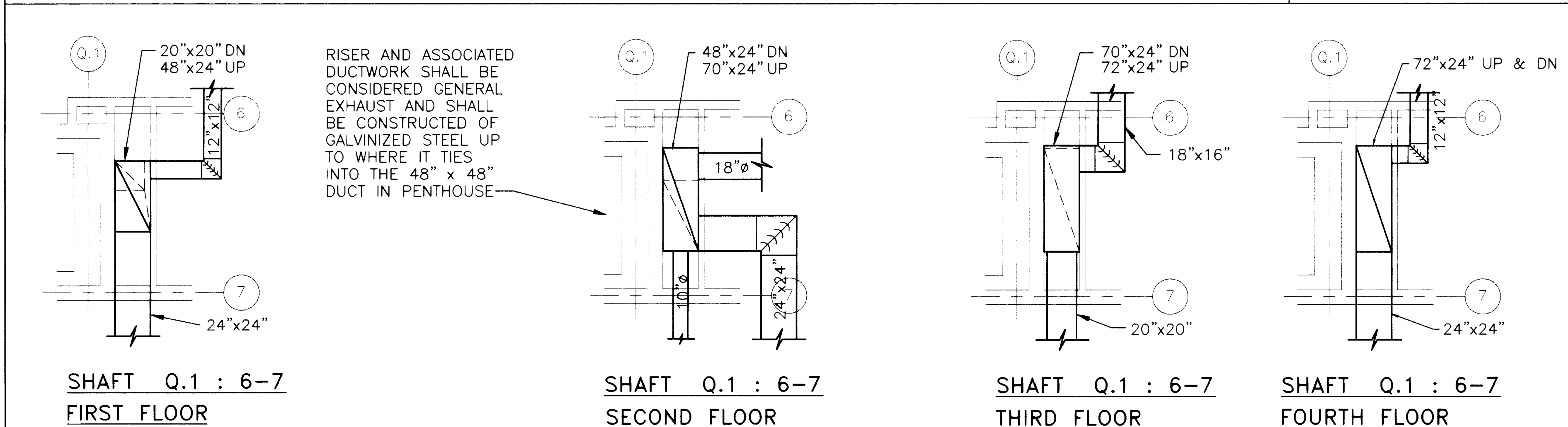
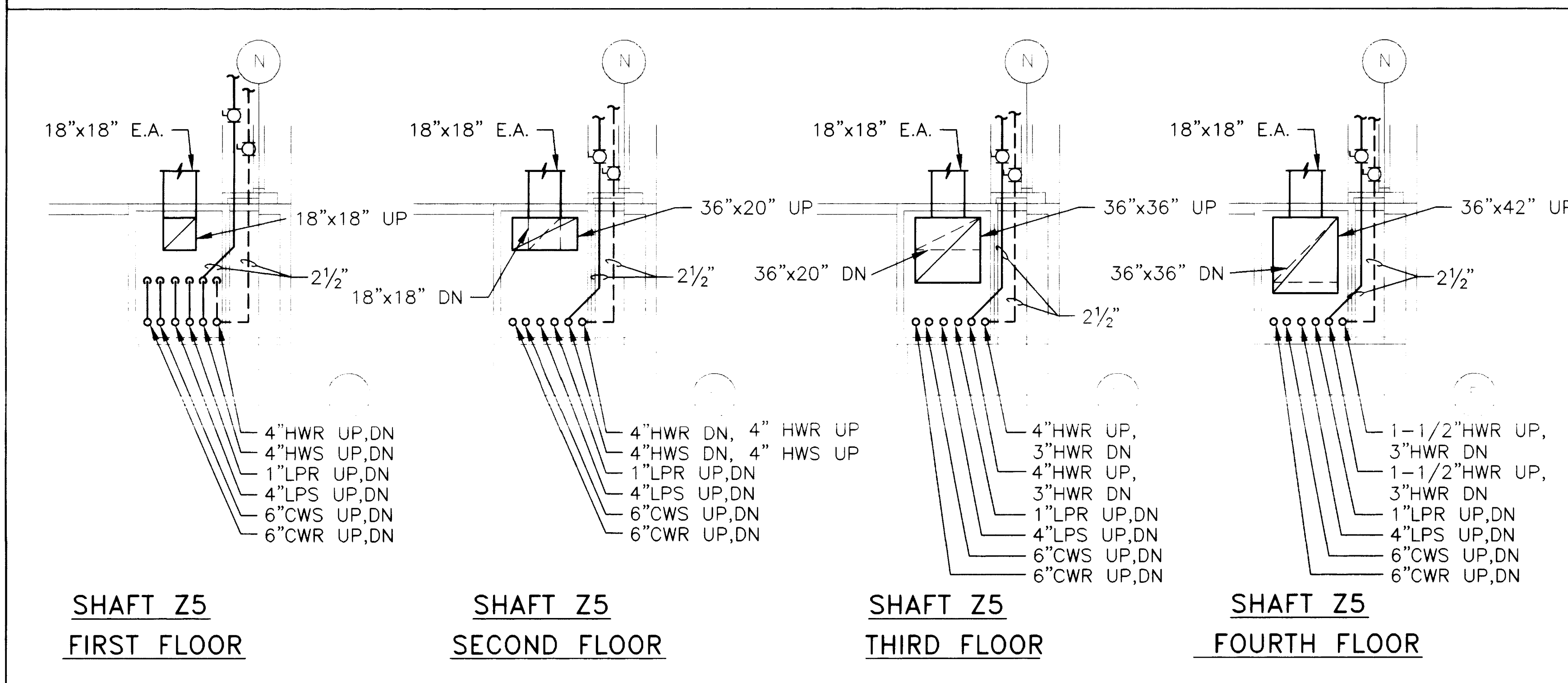
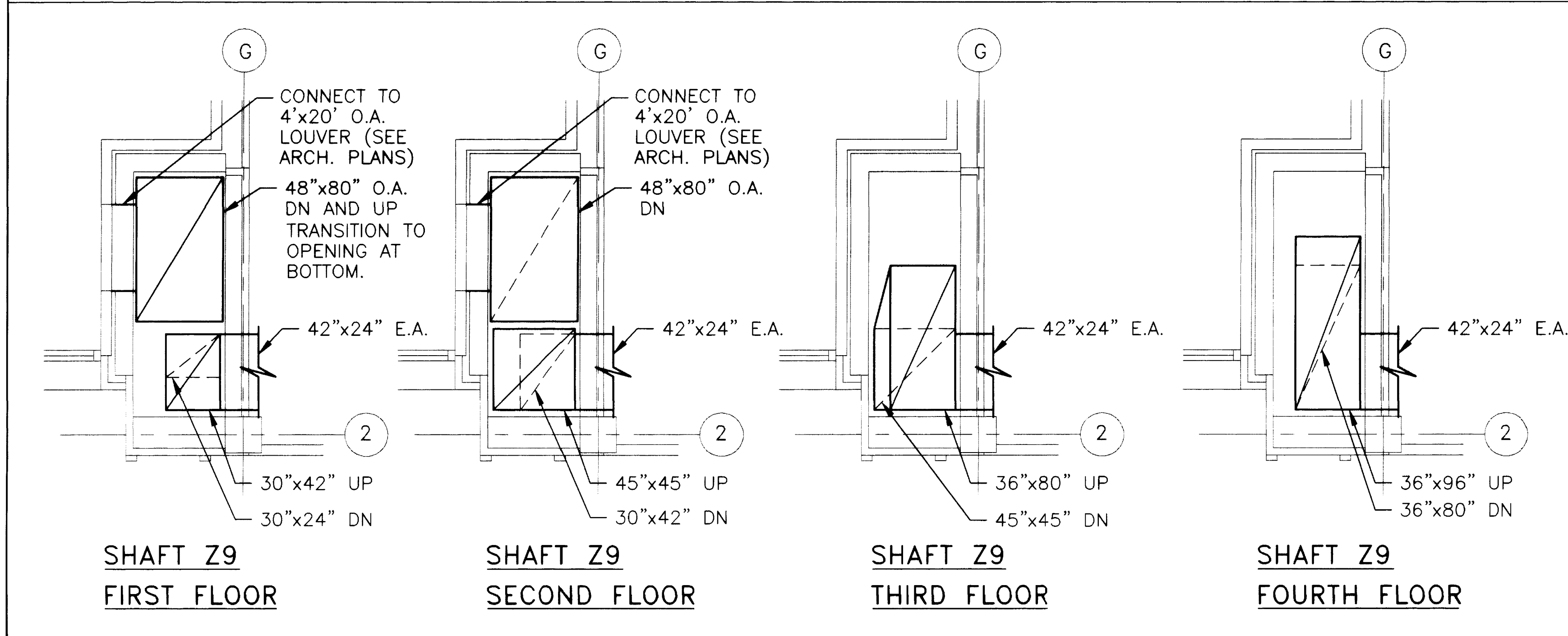
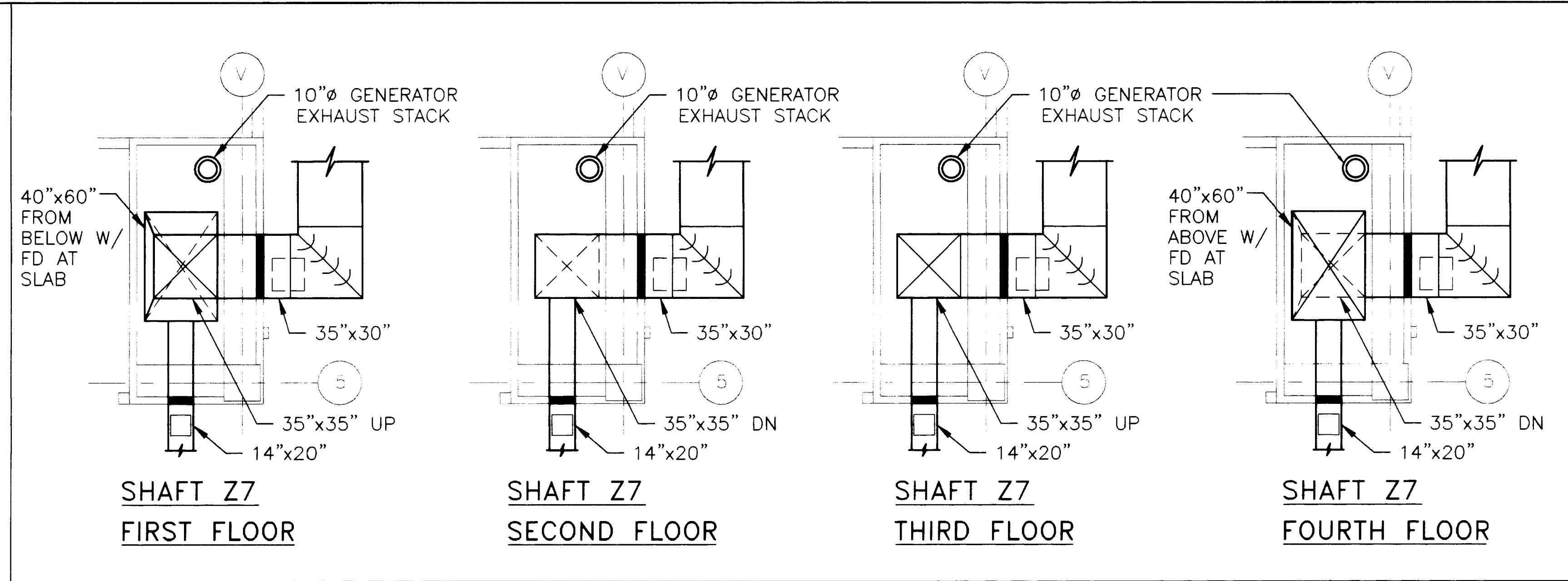
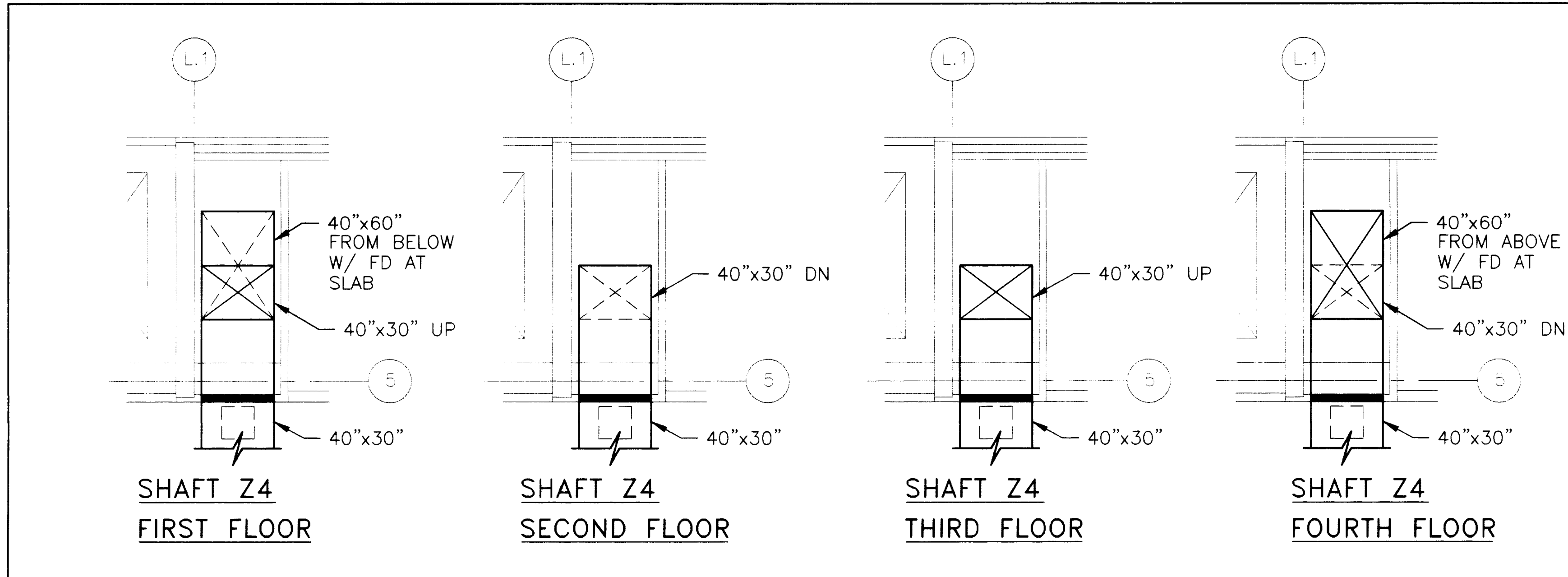
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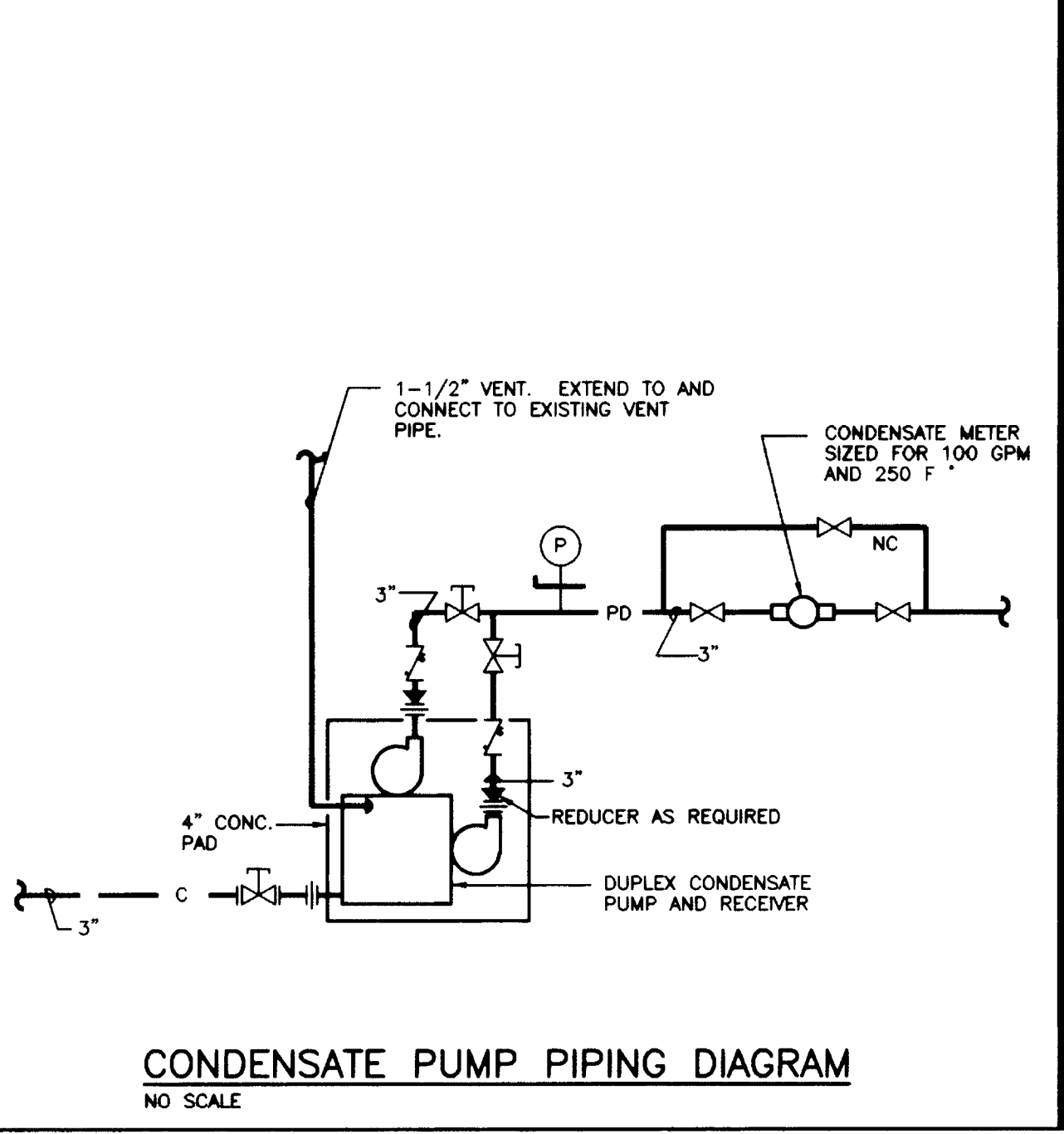
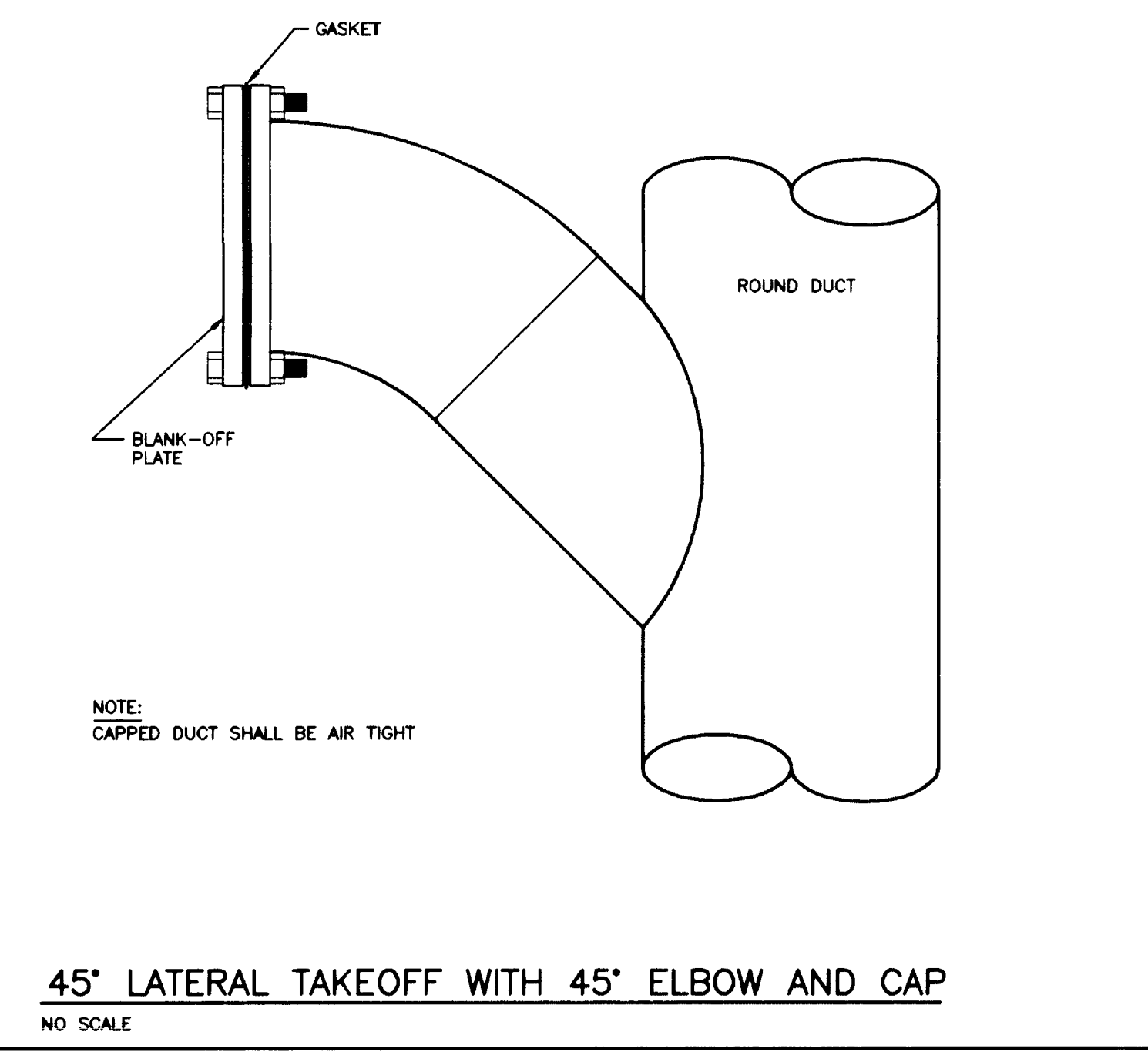
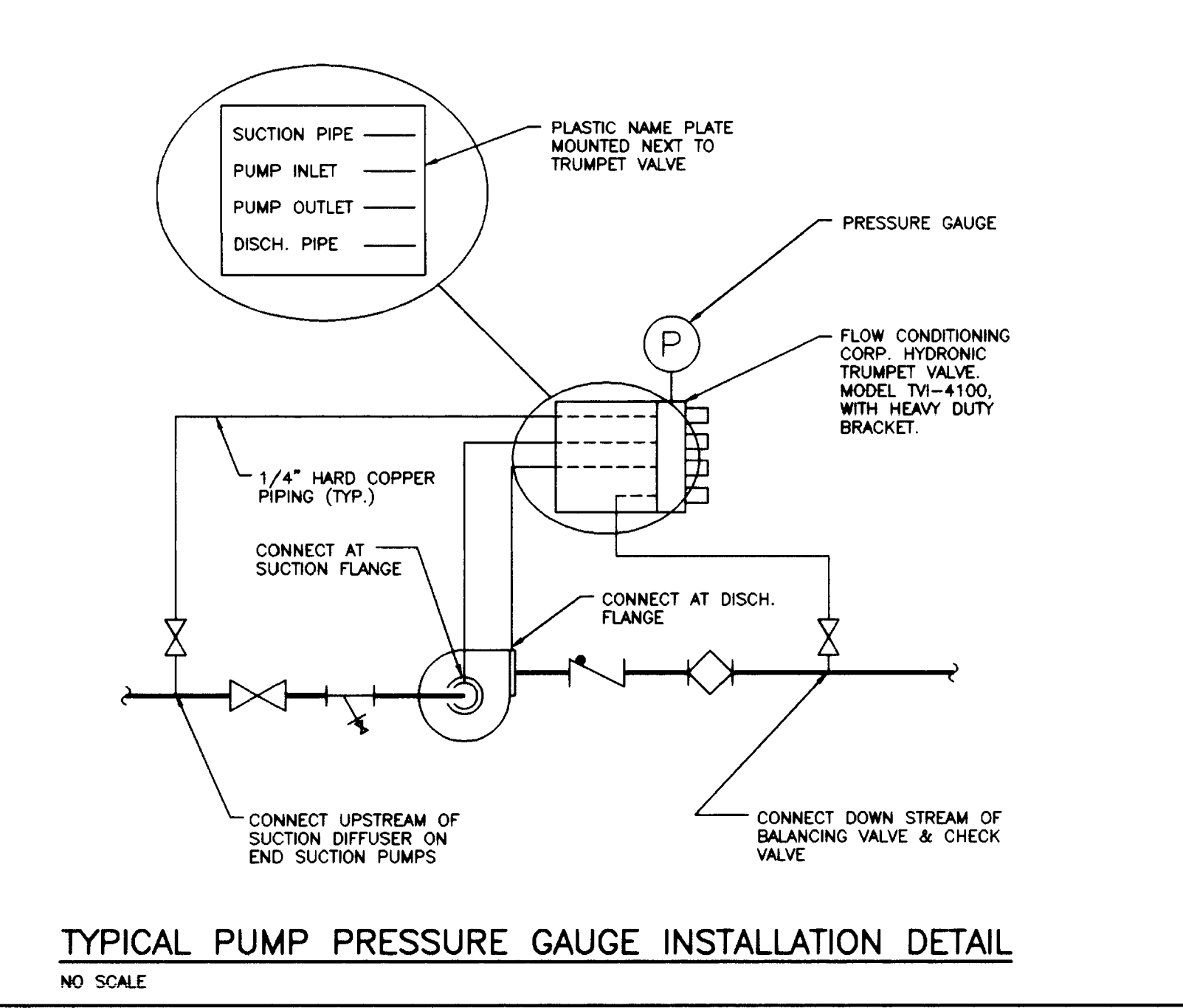
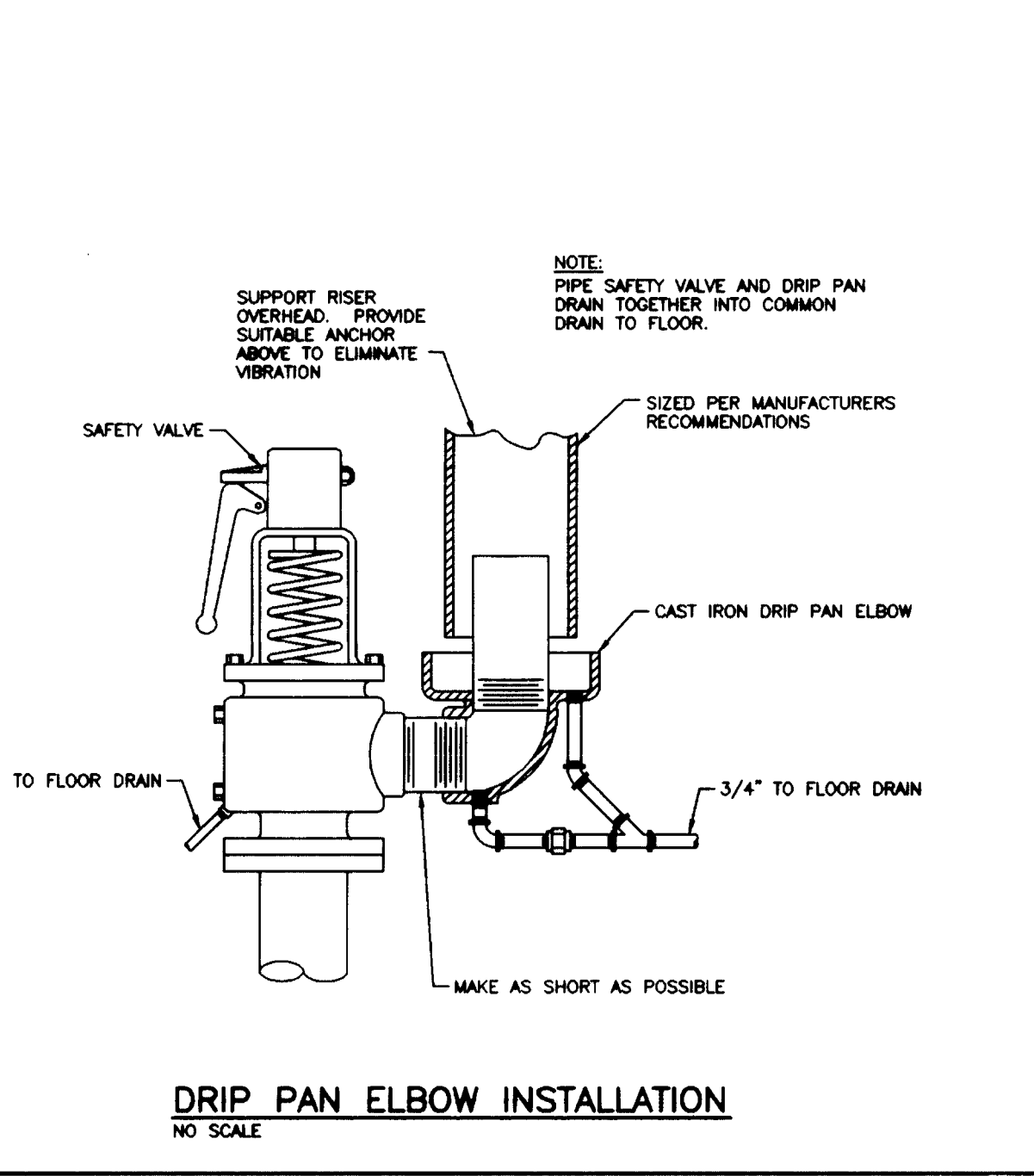
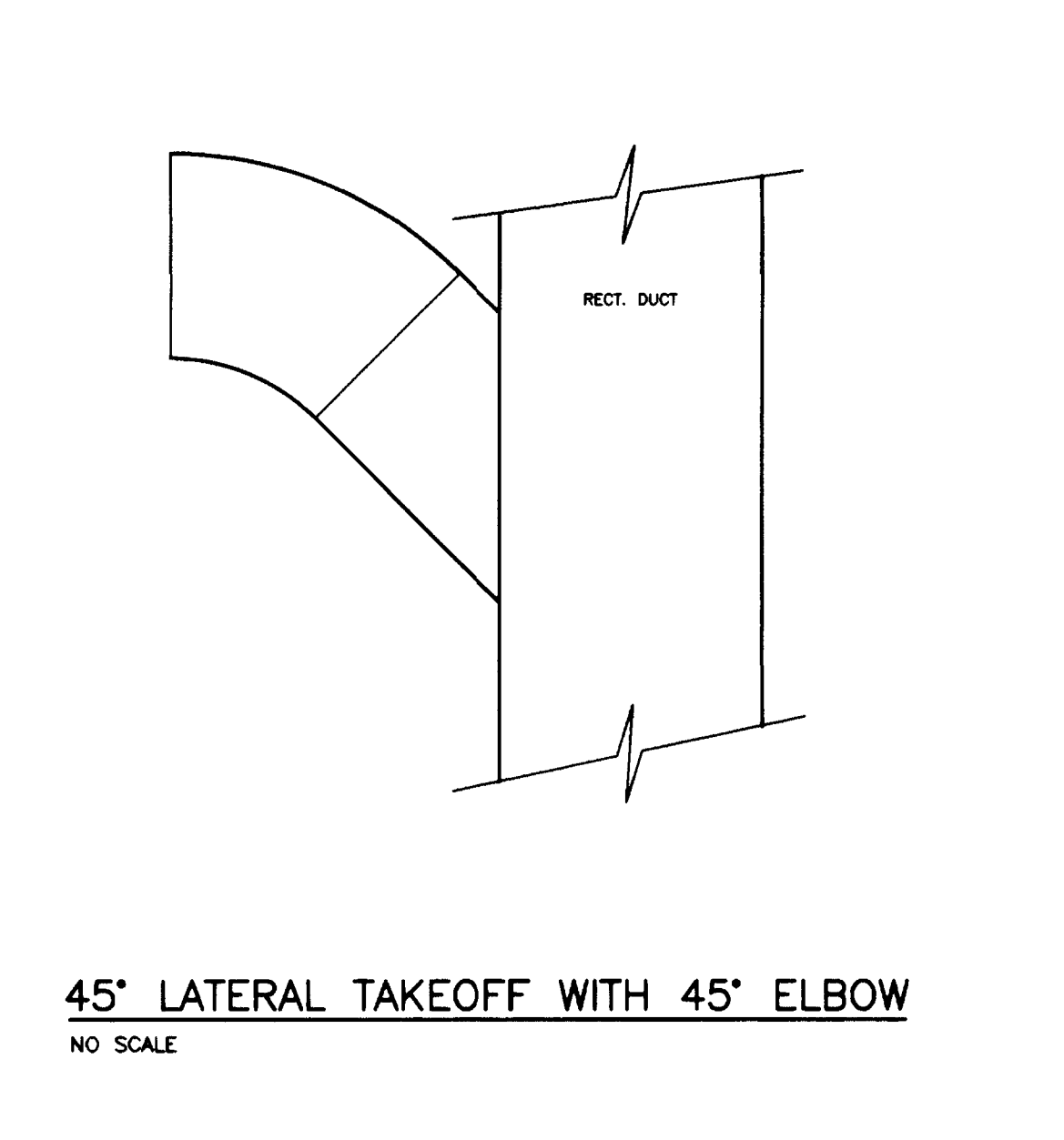
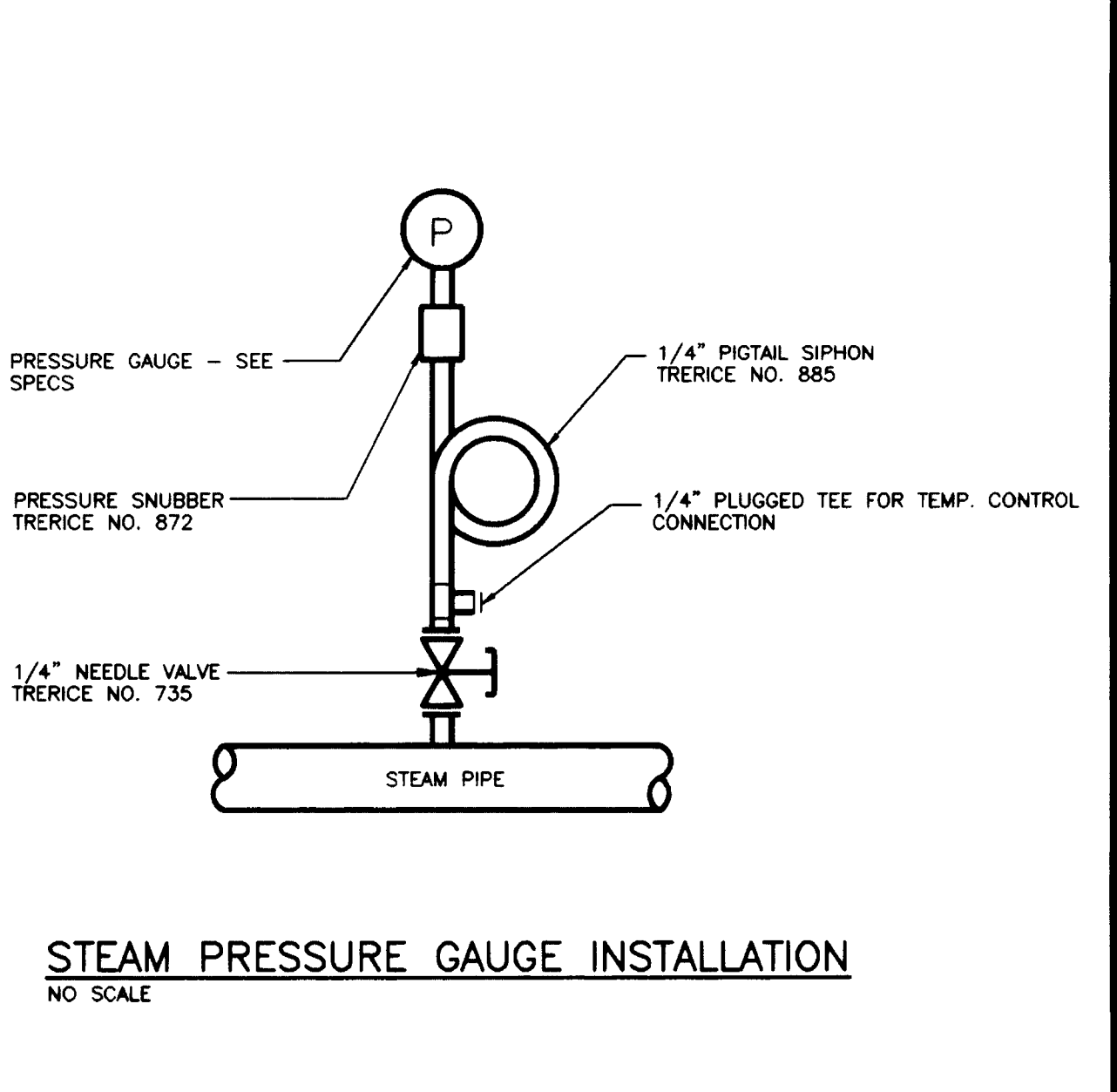
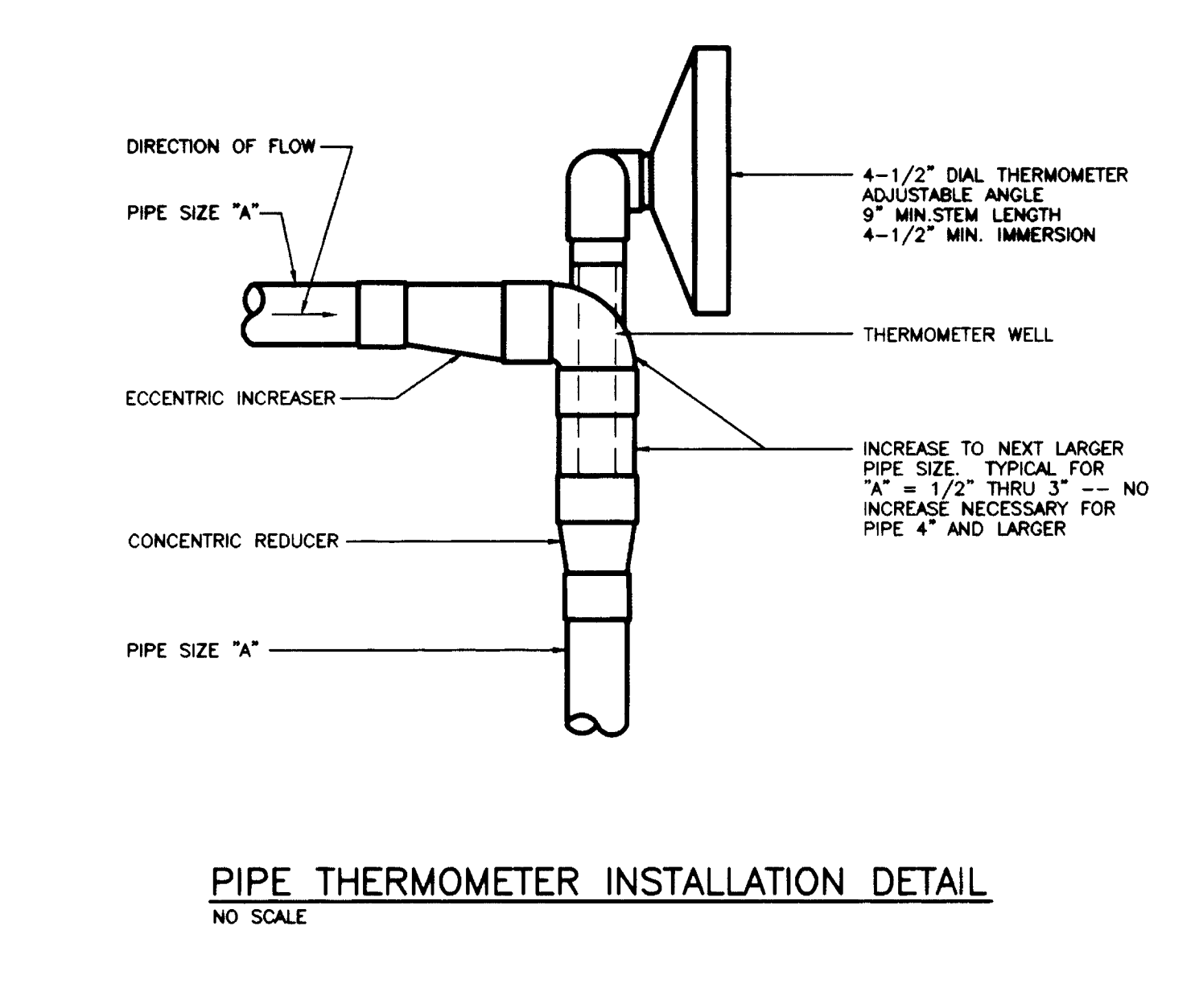
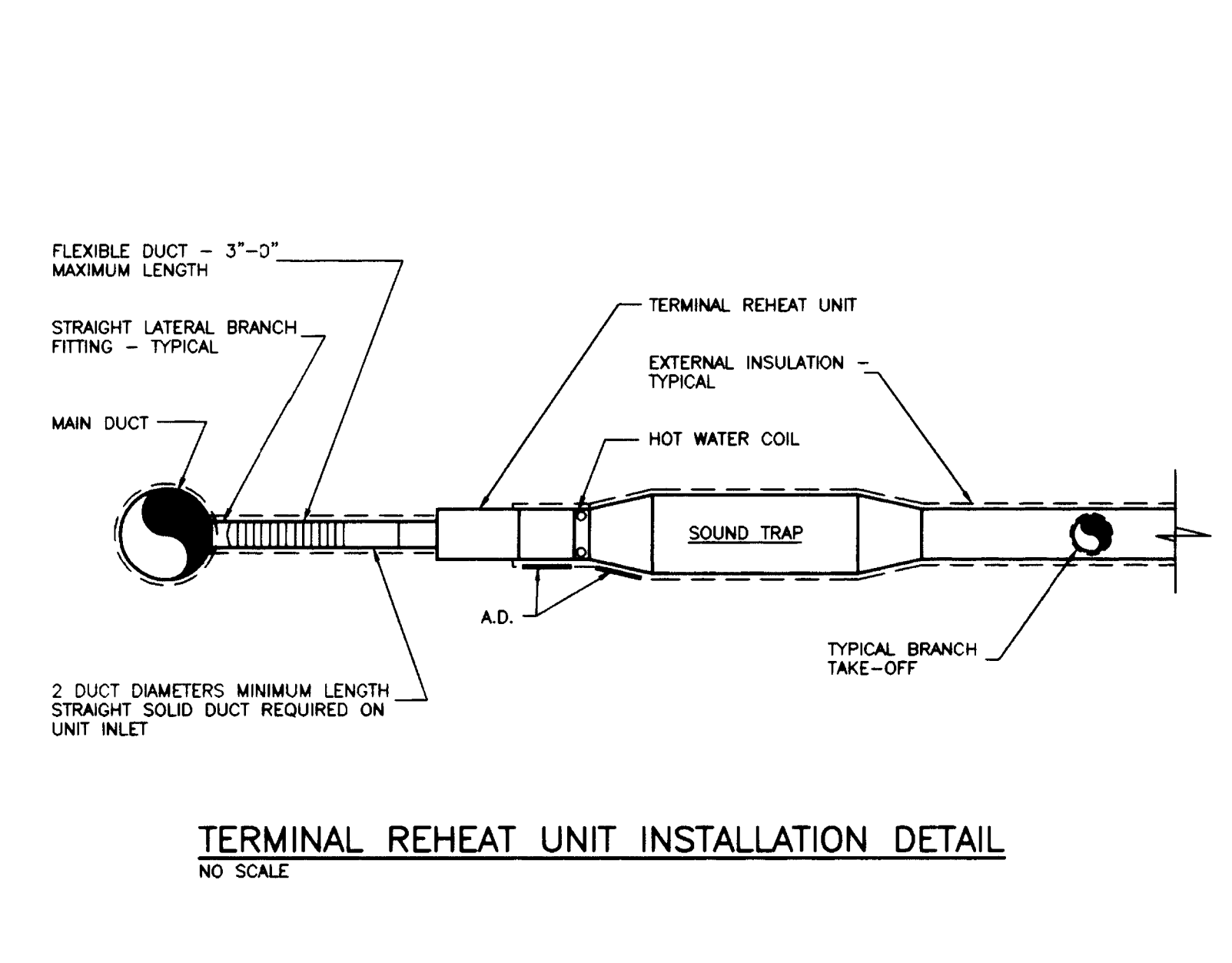
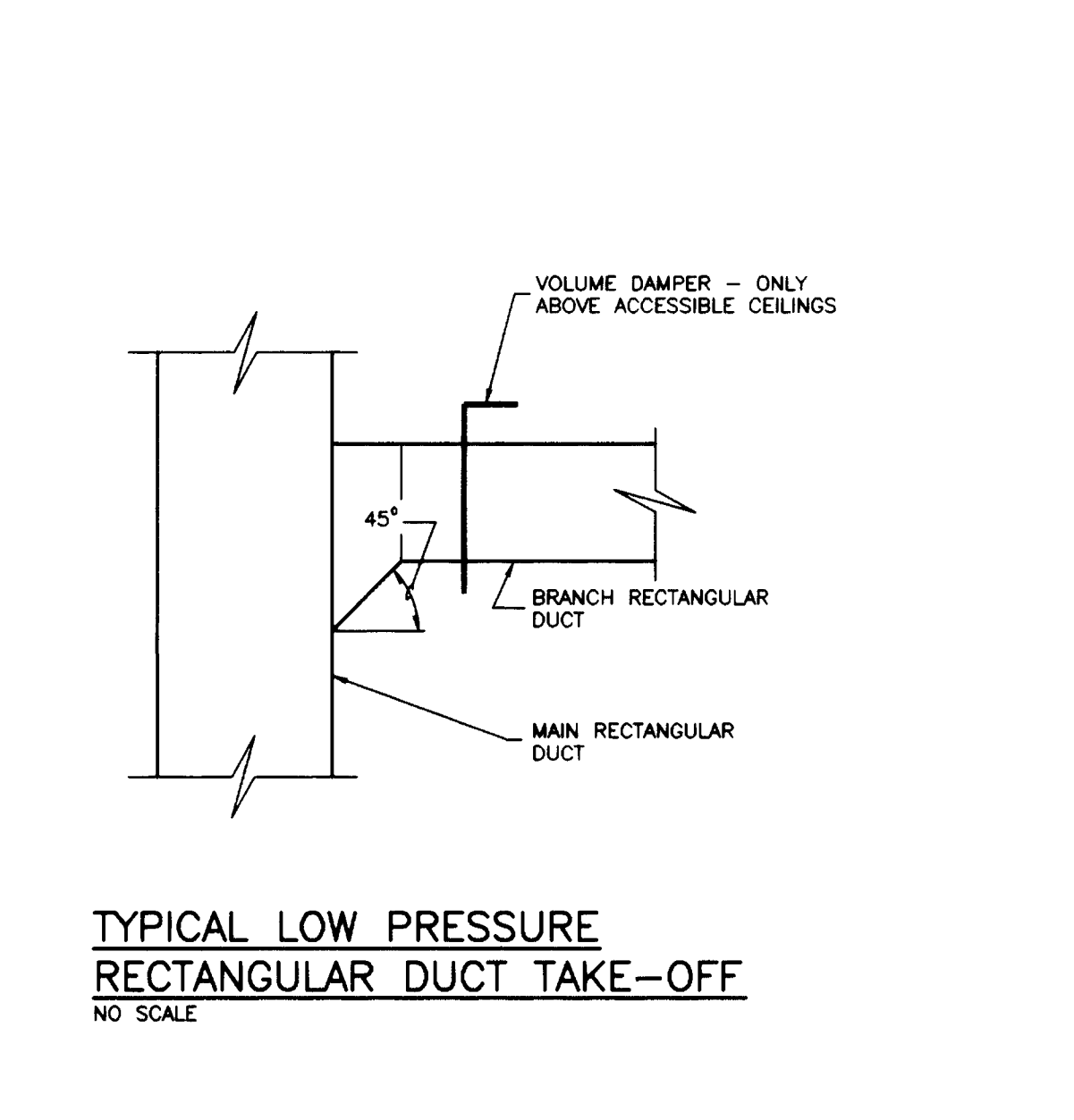
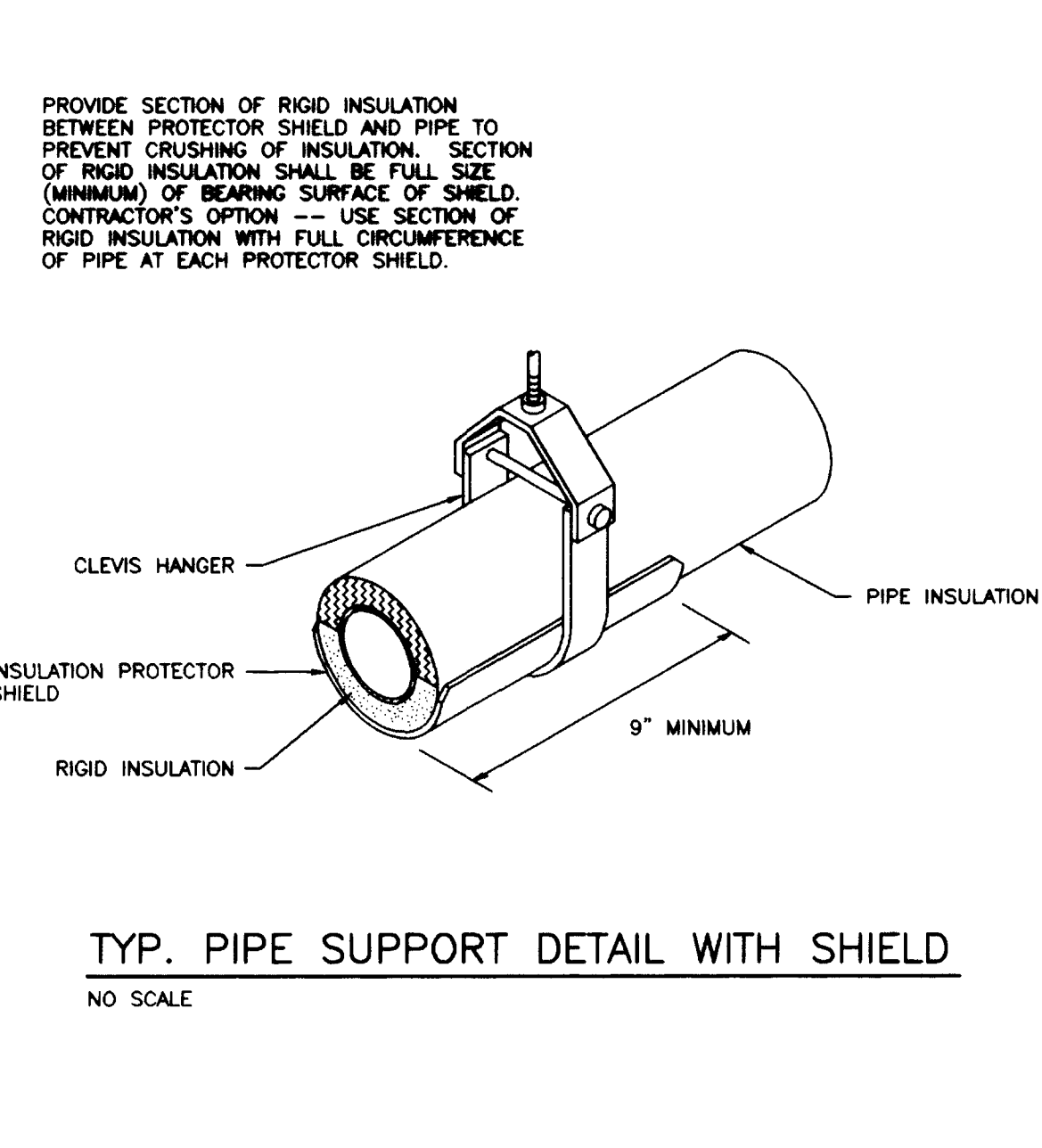
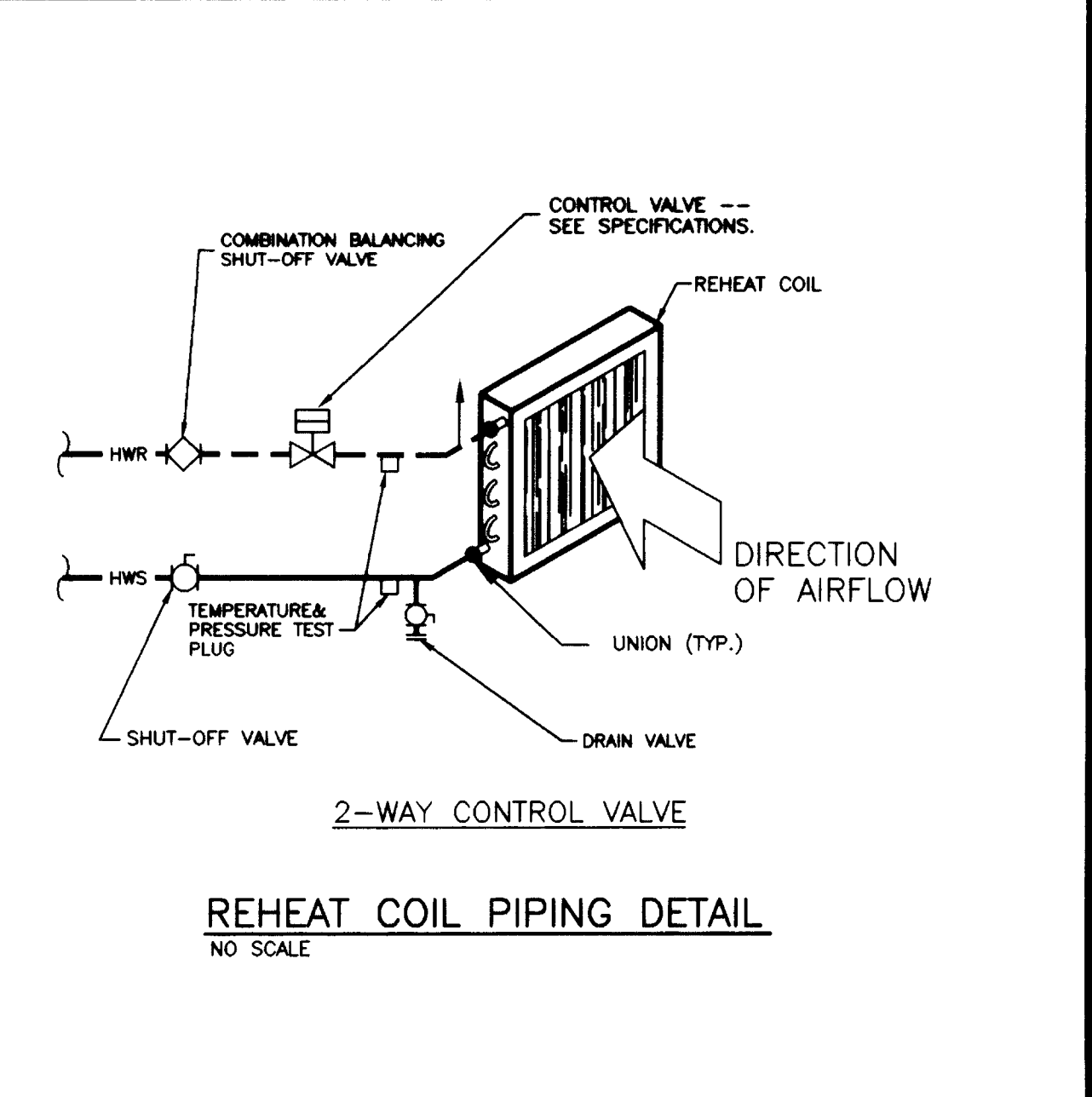
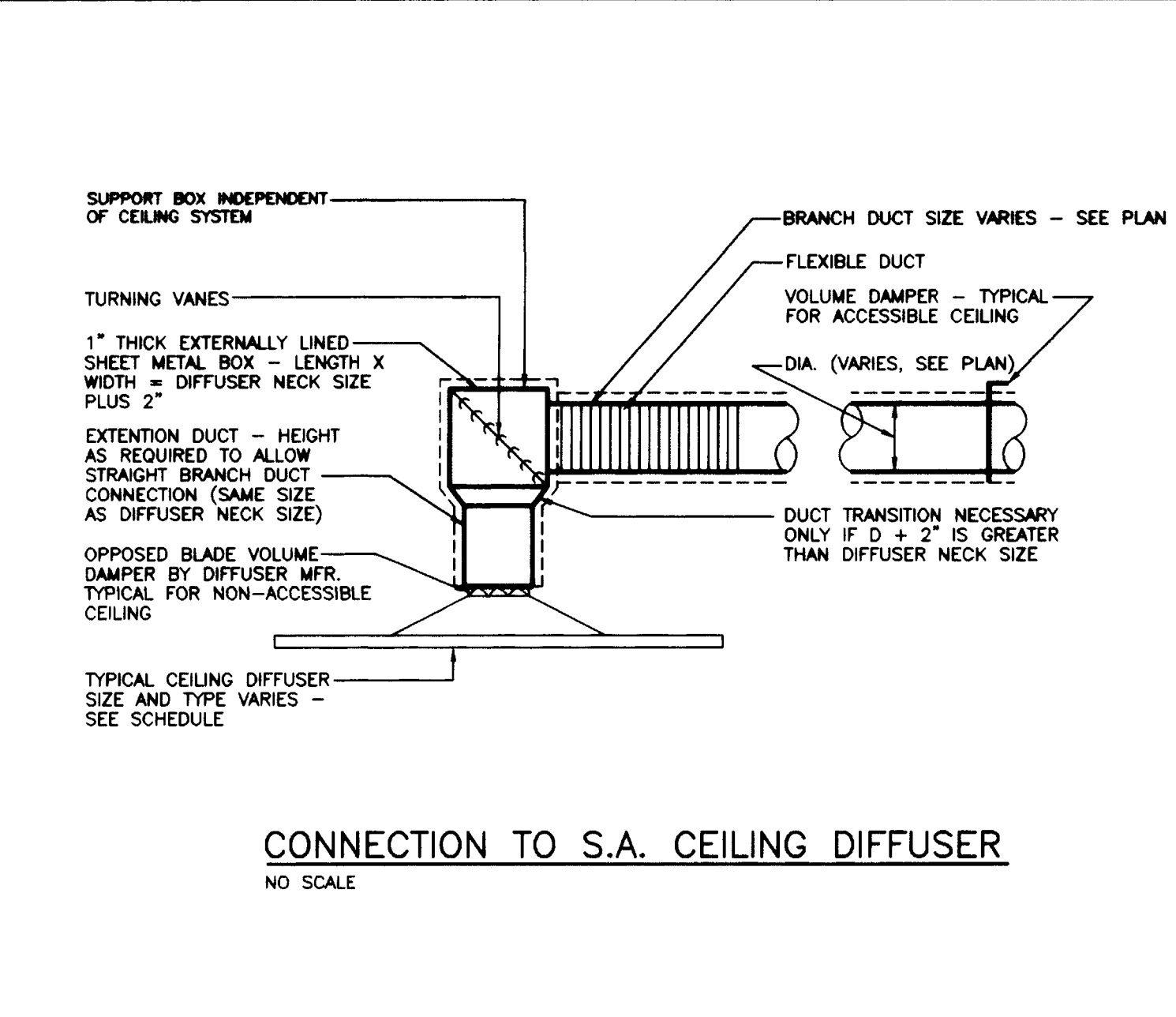
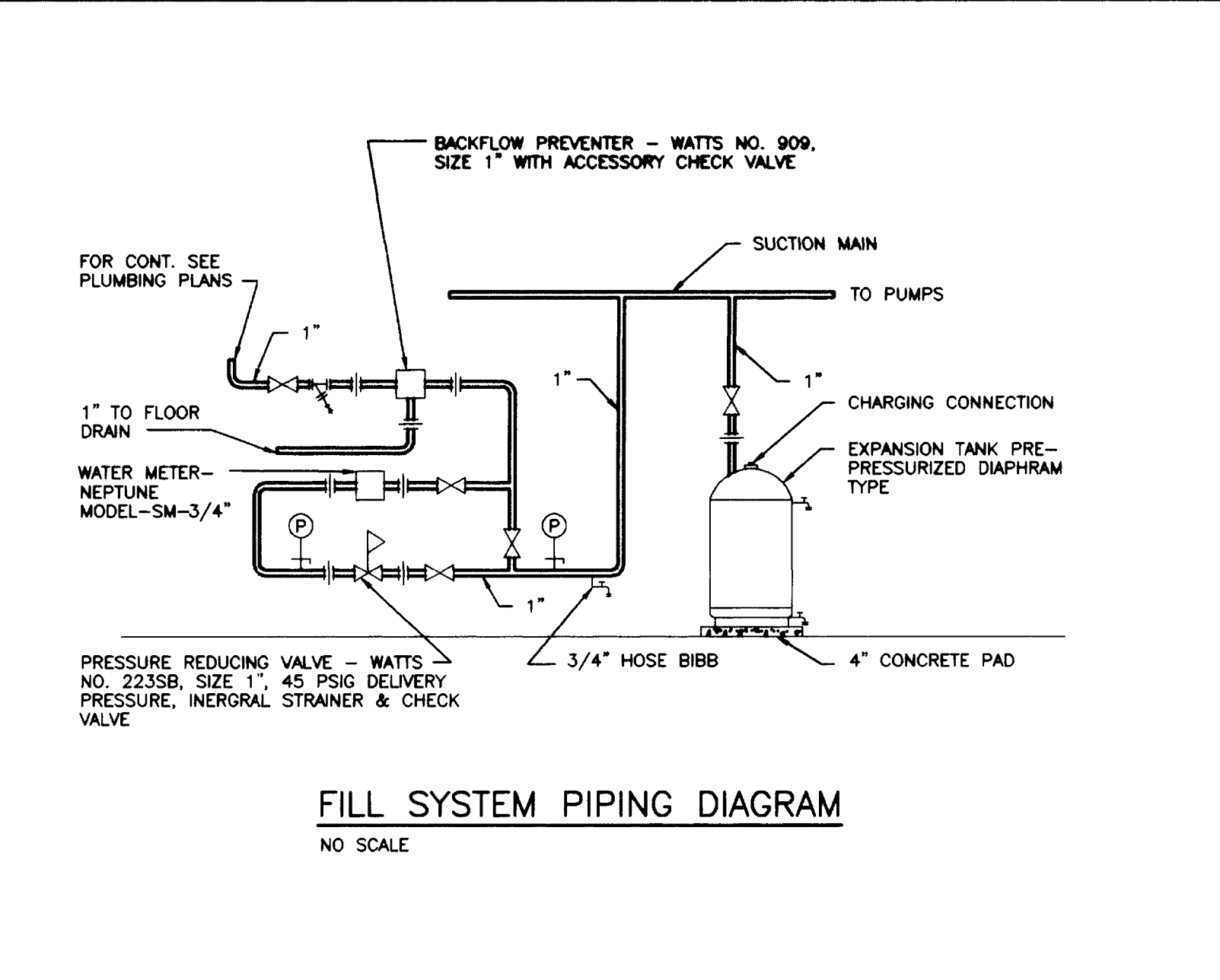
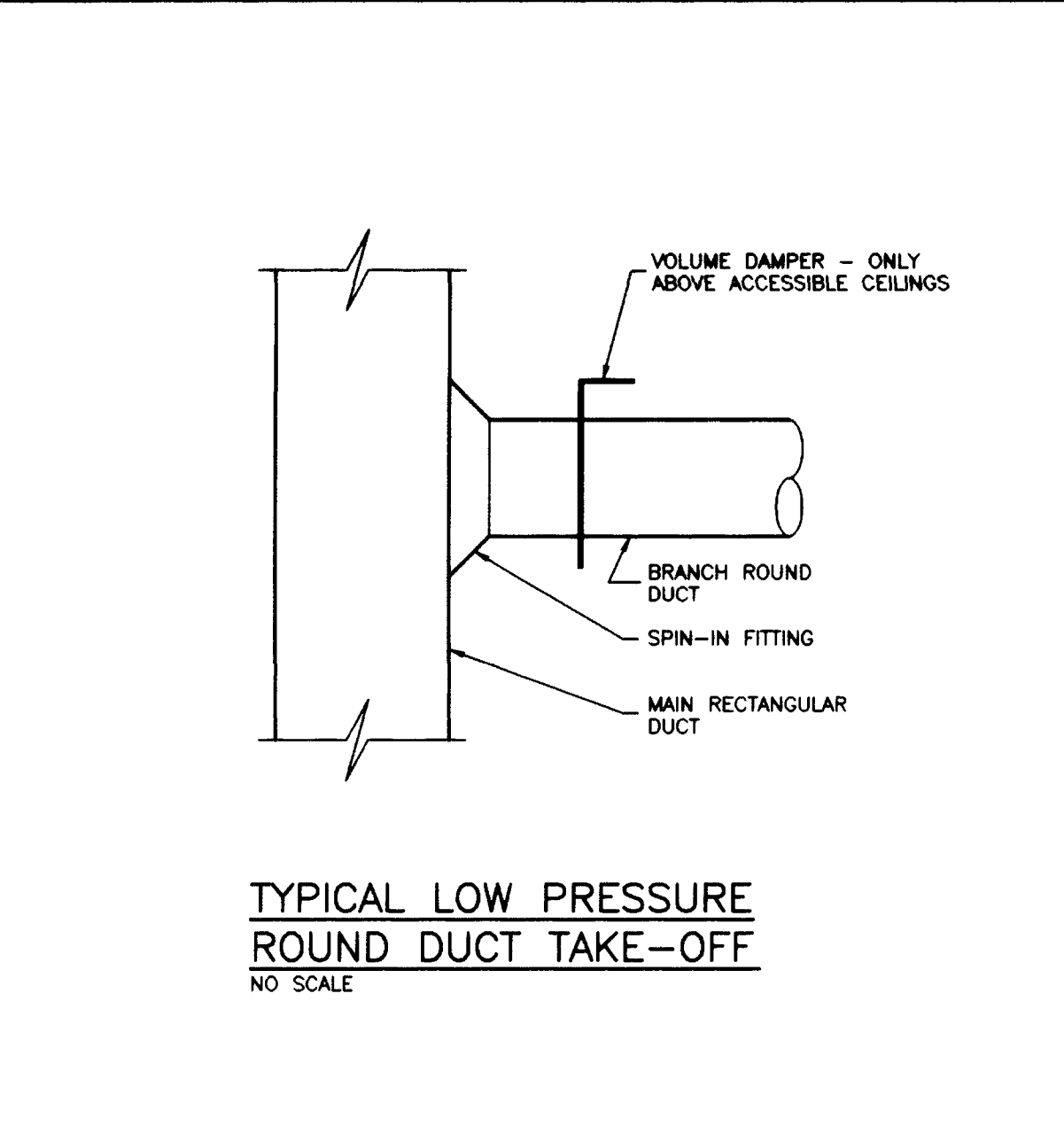
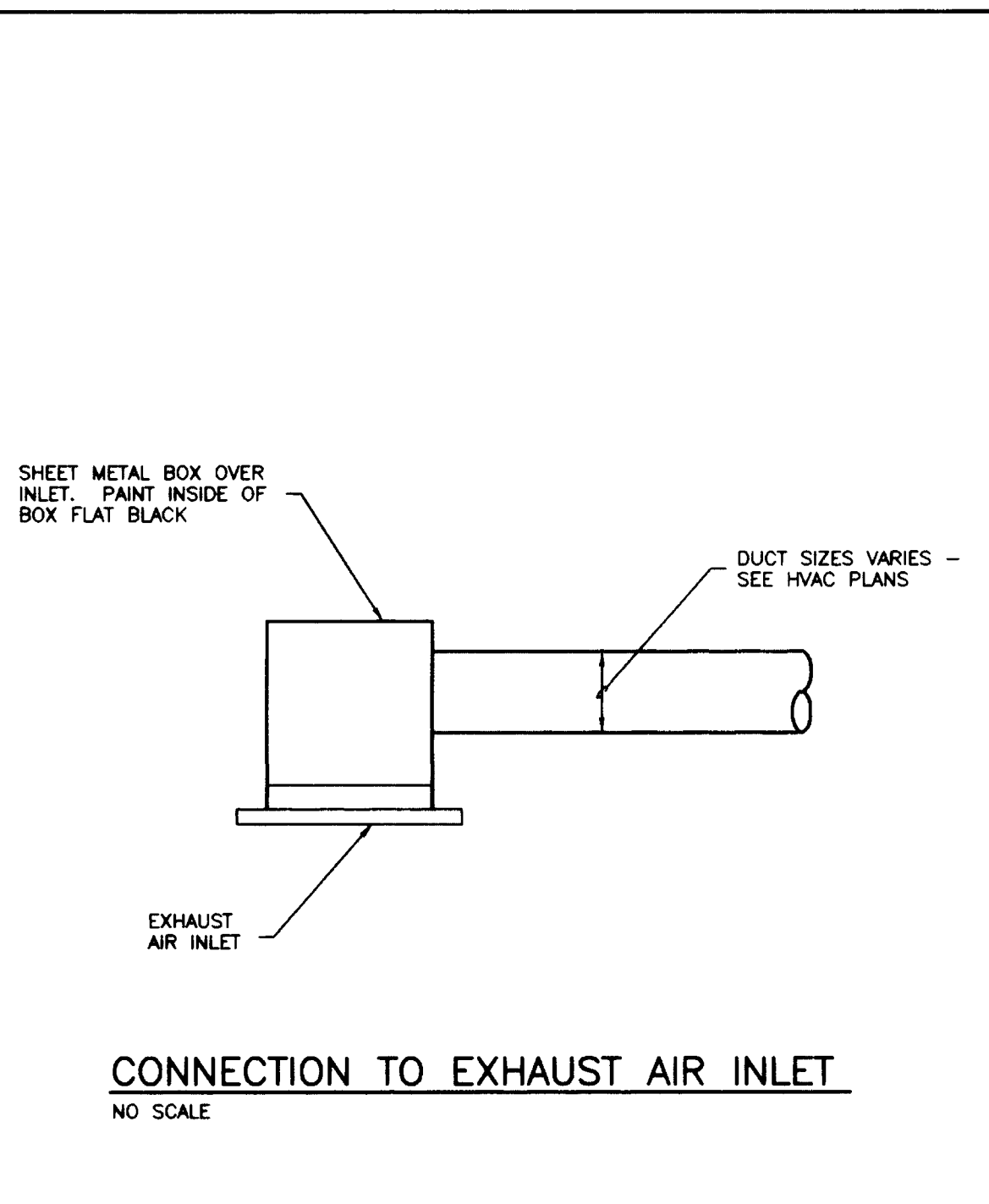
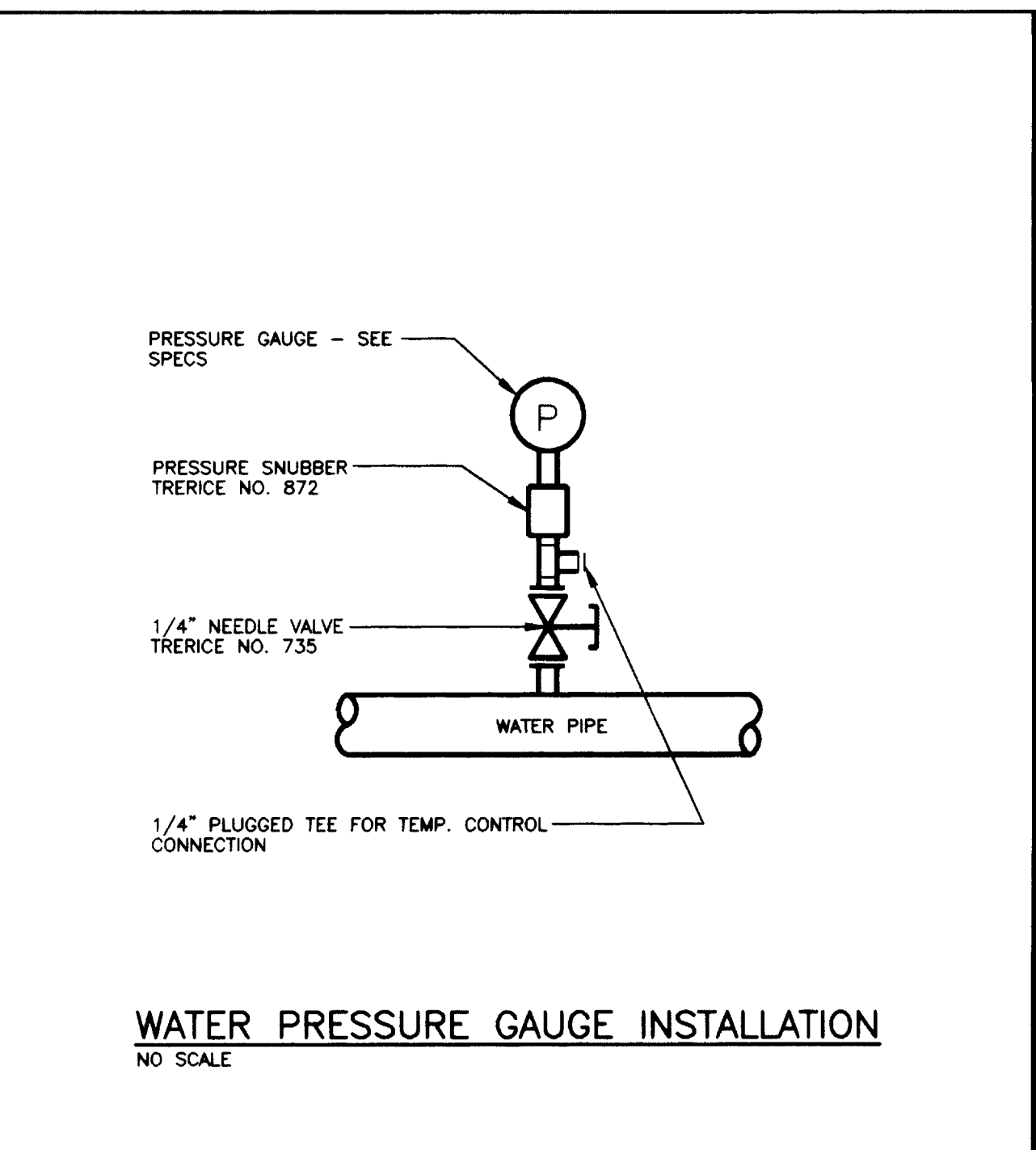
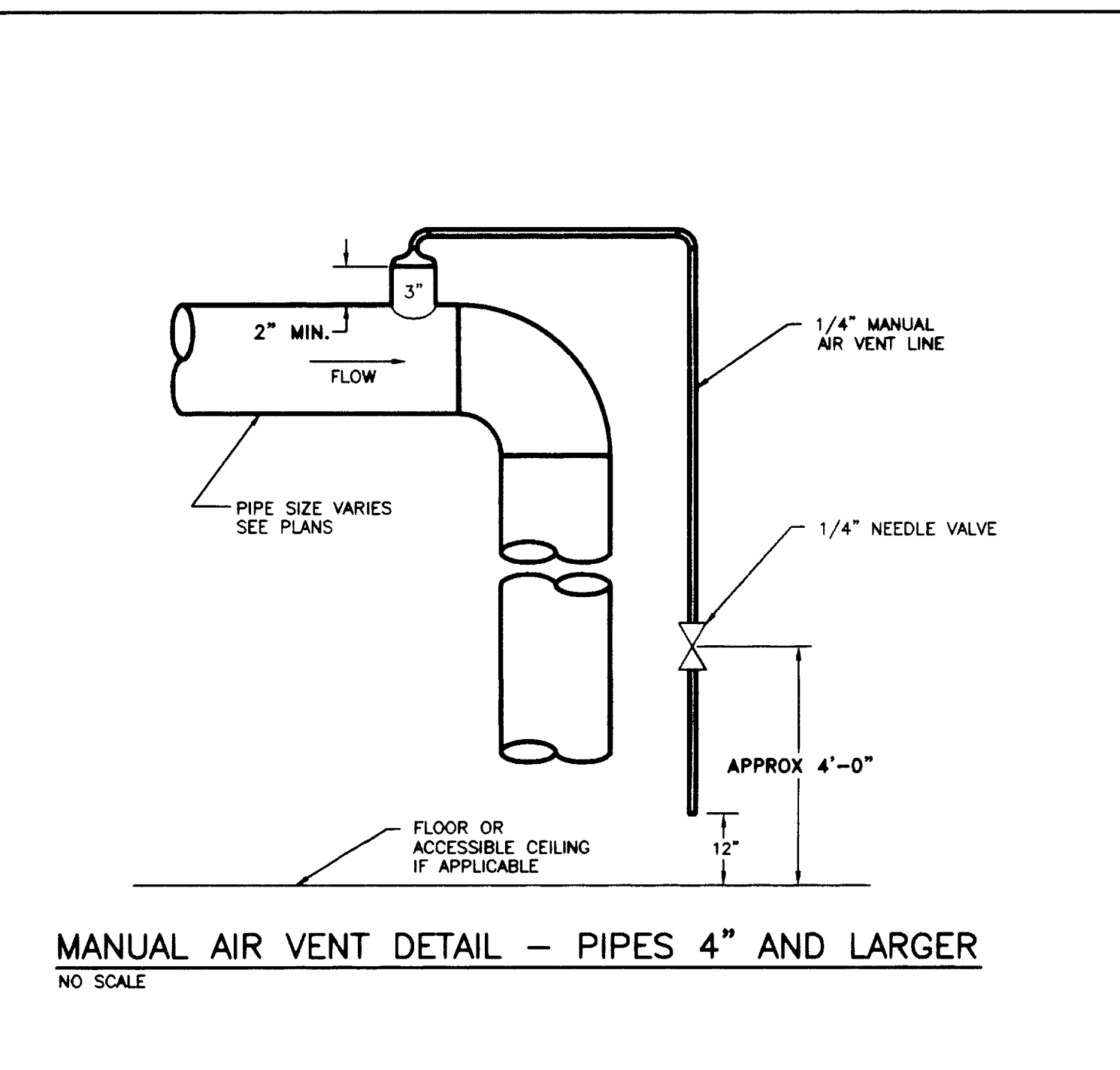
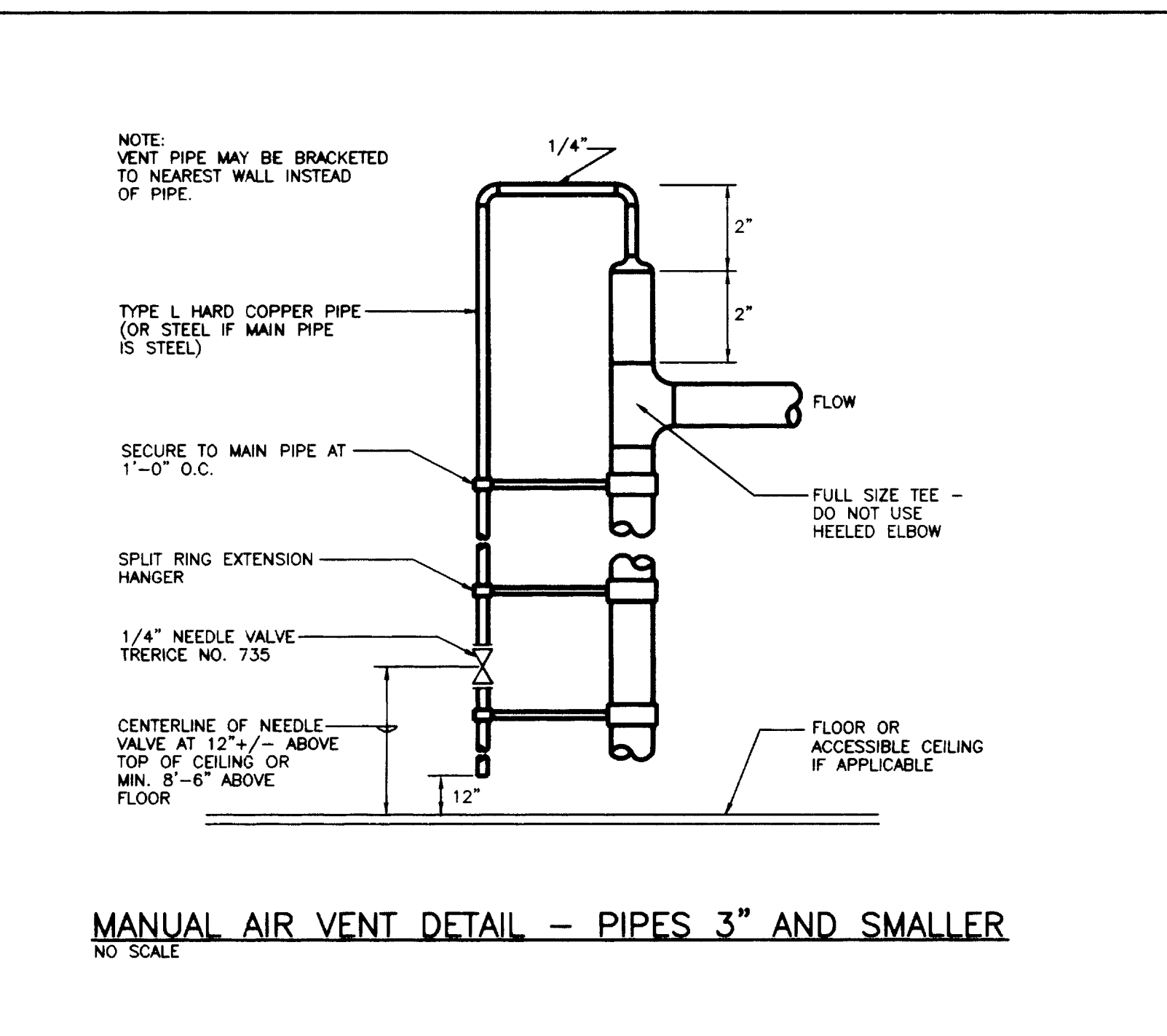
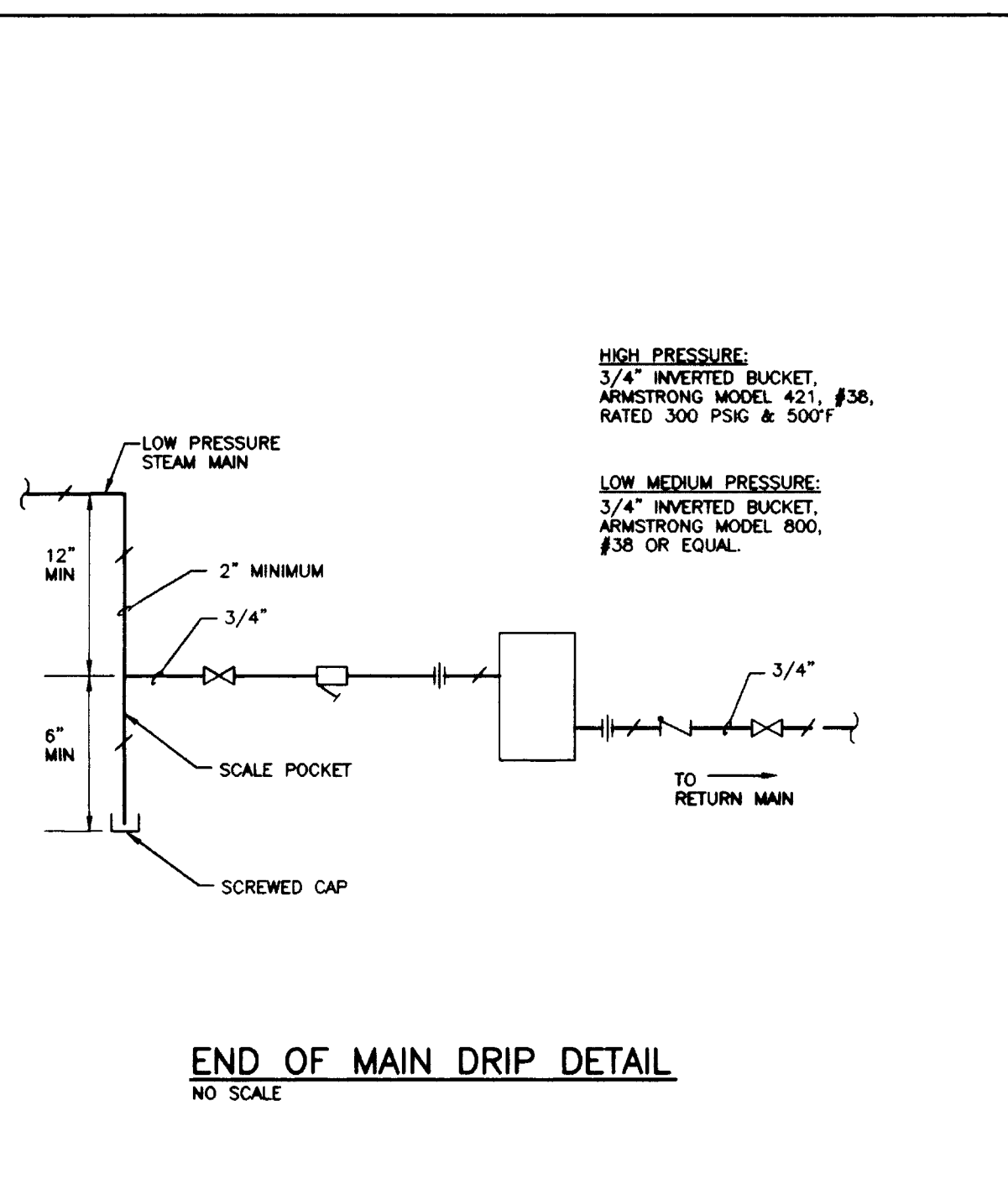
STAGGS & FISHER CONSULTING ENGINEERS, INC.

project no.	
date	
file no.	
dr. by	
ch. by	
revision	
drawing no.	
University of Kentucky Lexington, Kentucky	
FINAL DOCUMENTS	
approved by	
designer - design and construction division	
date	
of	

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RISER AND ASSOCIATED DUCTWORK SHALL BE CONSIDERED GENERAL EXHAUST AND SHALL BE CONSTRUCTED OF GALVANIZED STEEL UP TO WHERE IT TIES INTO THE 48" x 48" DUCT IN PENTHOUSE



RECORD DRAWINGS DATE AUGUST 1995

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project no.	
date	
file no.	
des. by	
checked by	
revision	
drawing	

UNIVERSITY OF KENTUCKY
Lexington, Kentucky

FINAL DOCUMENTS

THE UNIVERSITY OF KENTUCKY

MEDICAL RESEARCH EXPANSION SPACE PROJECT NO. 747.0 Lexington, Kentucky

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St. Louis, Missouri
314-862-5660

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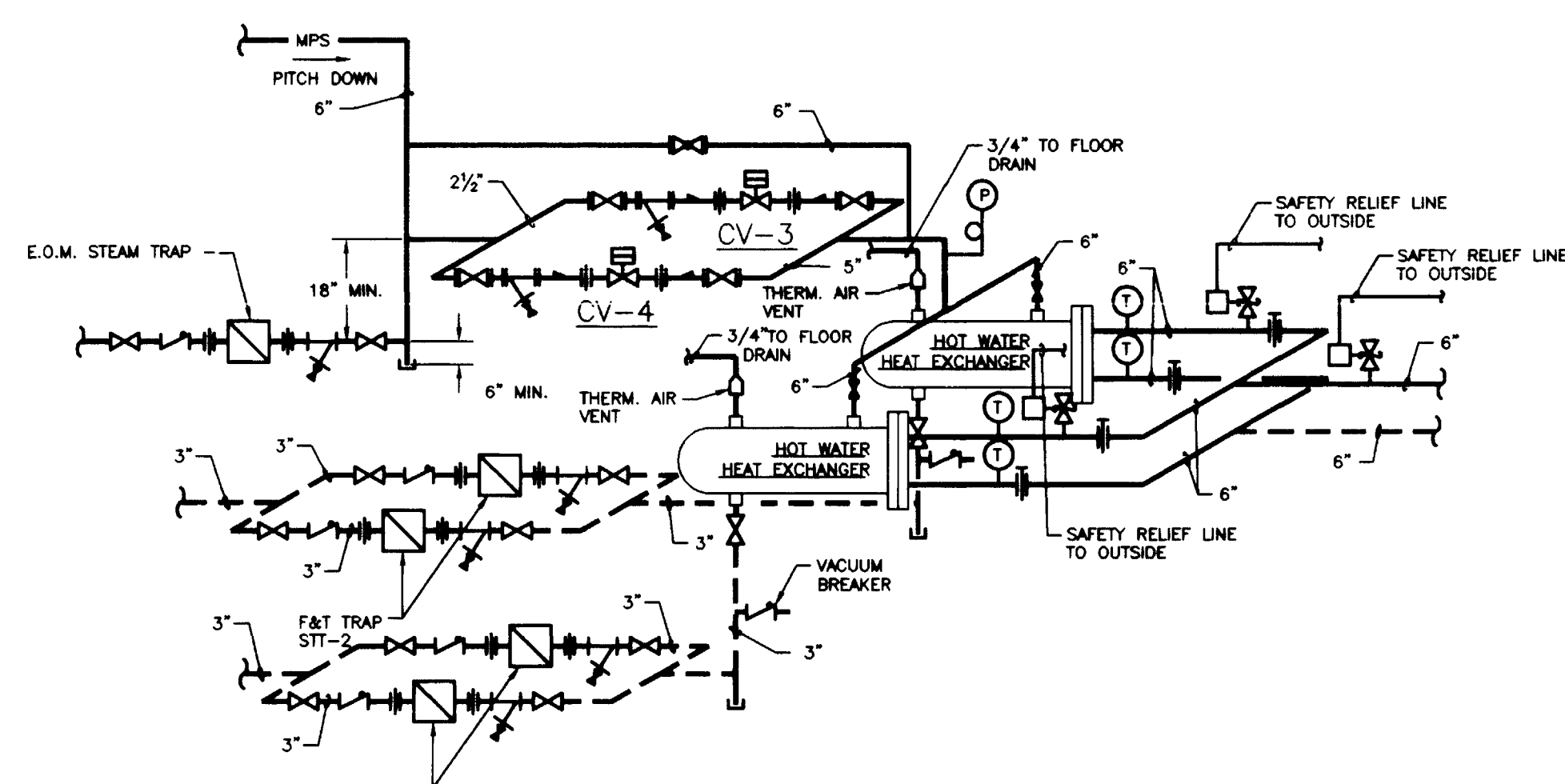
326 South Broadway
Lexington, Kentucky
606-254-6823

SF
Staggs and Fisher Consulting Engineers, Inc.
317 South Ashland Avenue
Lexington, Kentucky 40502

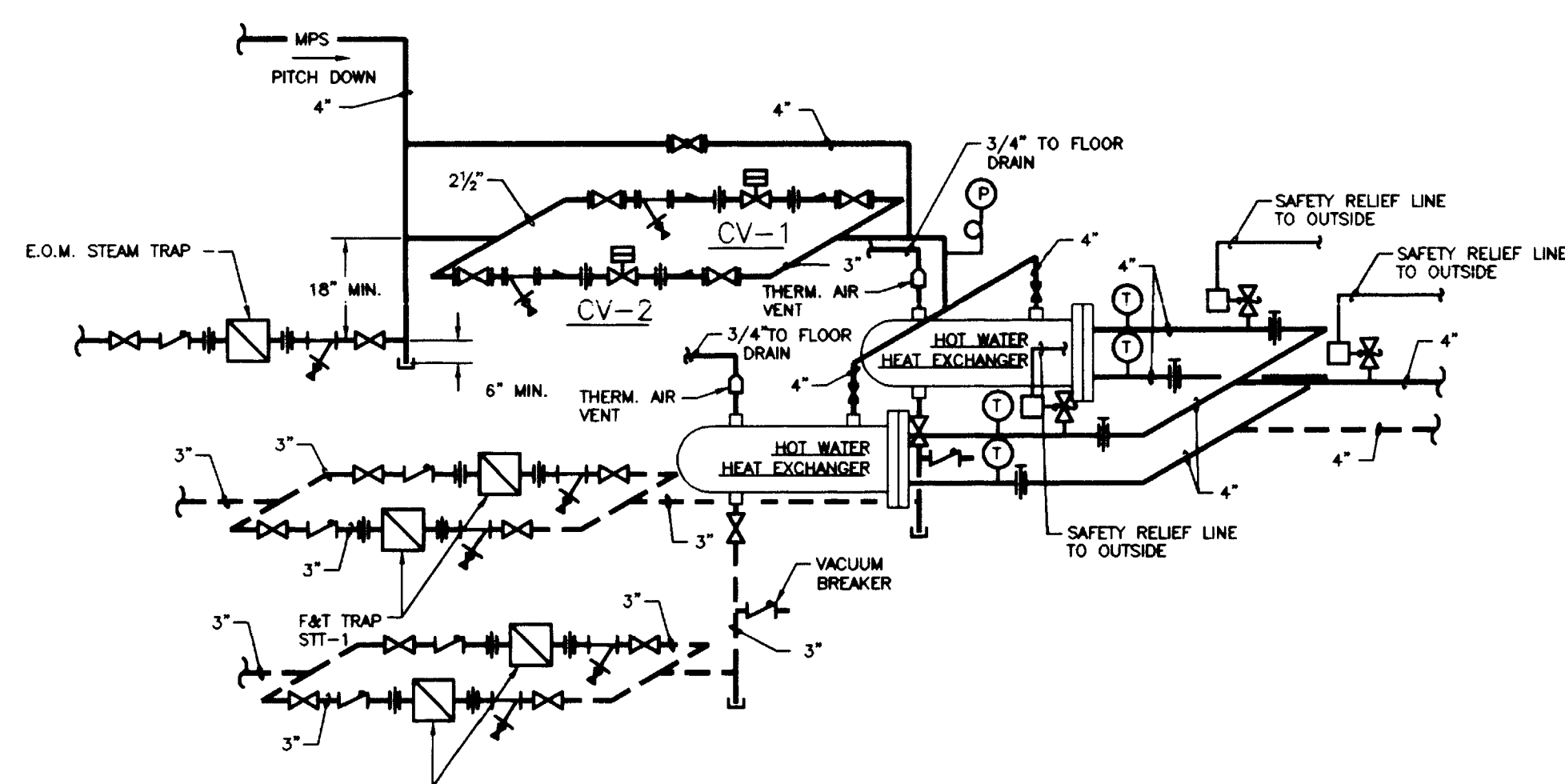
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Professional Engineer

Revision	Date
Issue Date	DEC. 92
Drawing Title	H.V.A.C. DETAILS

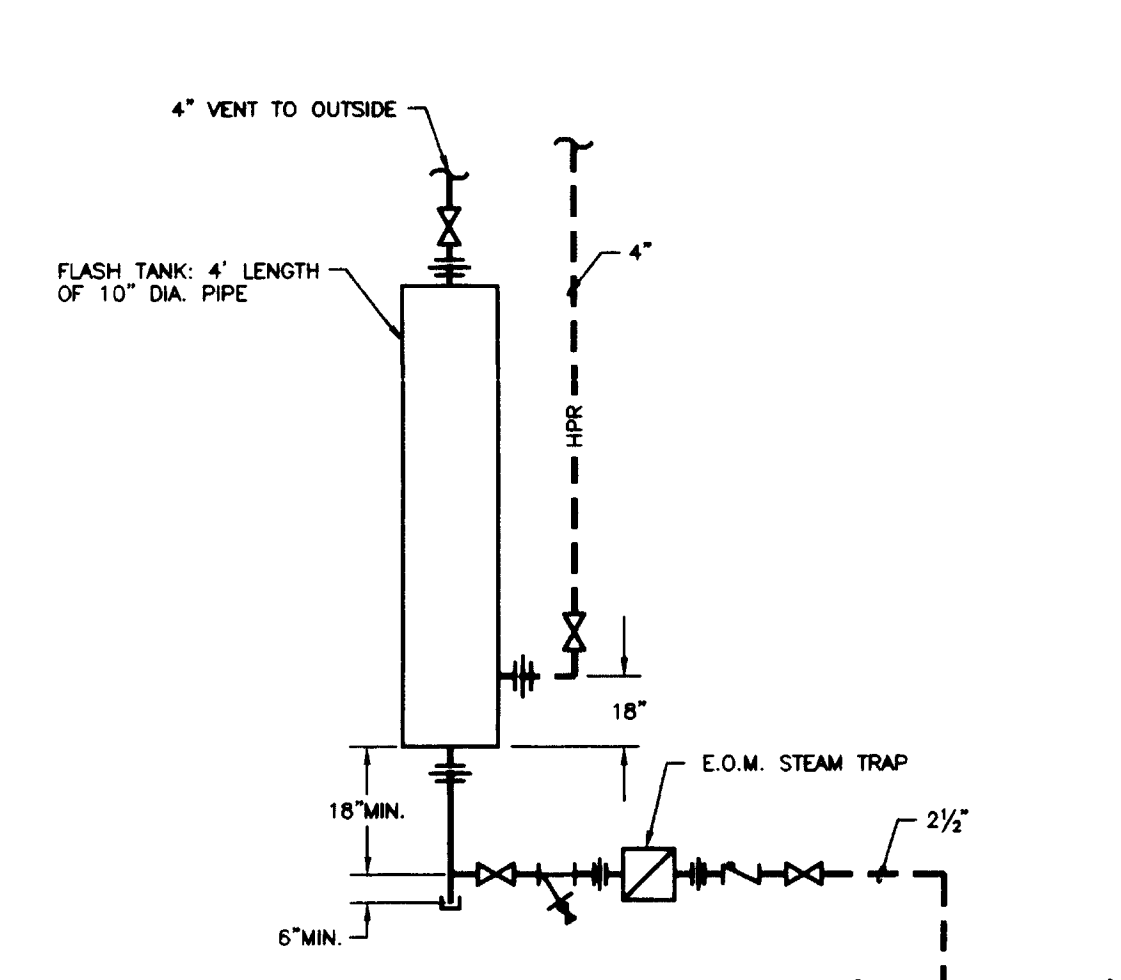
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Project No. 90240.01 Scale NO SCALE
Drawing No. 8.70



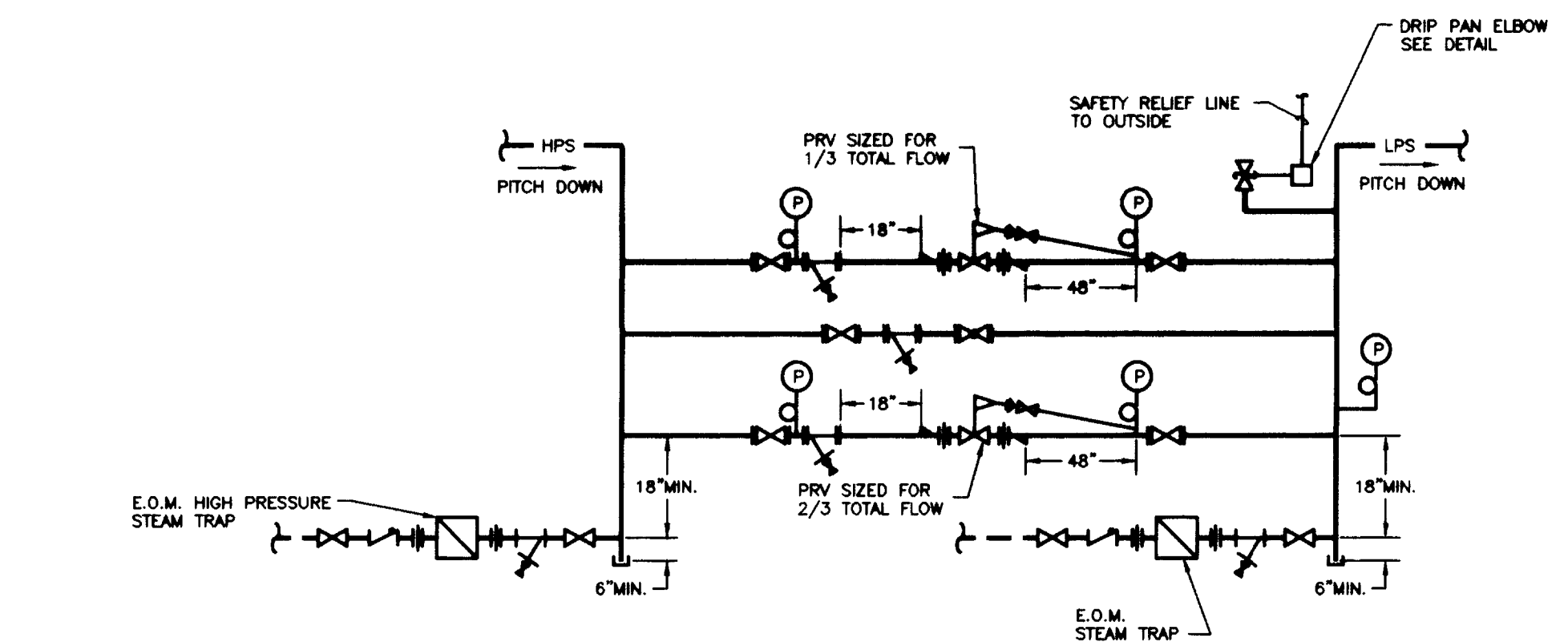
GLYCOL HEAT EXCHANGER PIPING DETAIL
NO SCALE



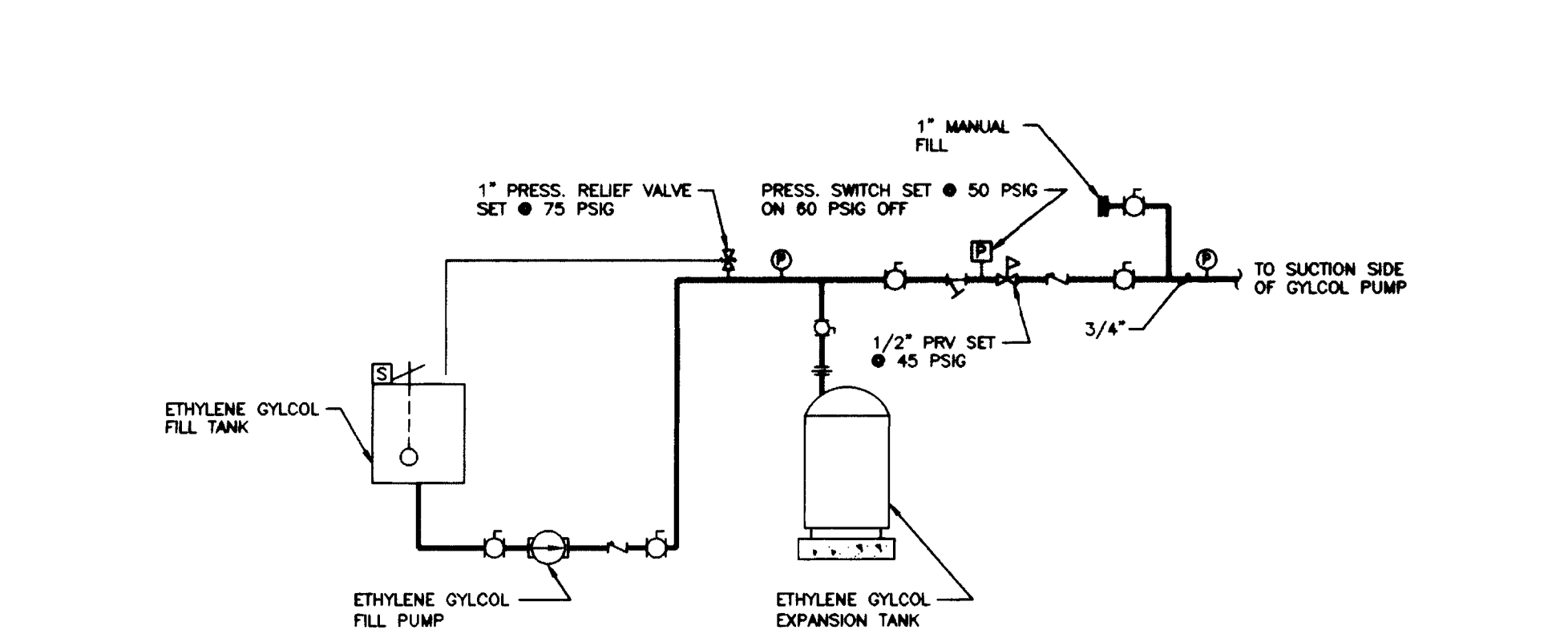
HOT WATER HEATING HEAT EXCHANGER PIPING DETAIL
NO SCALE



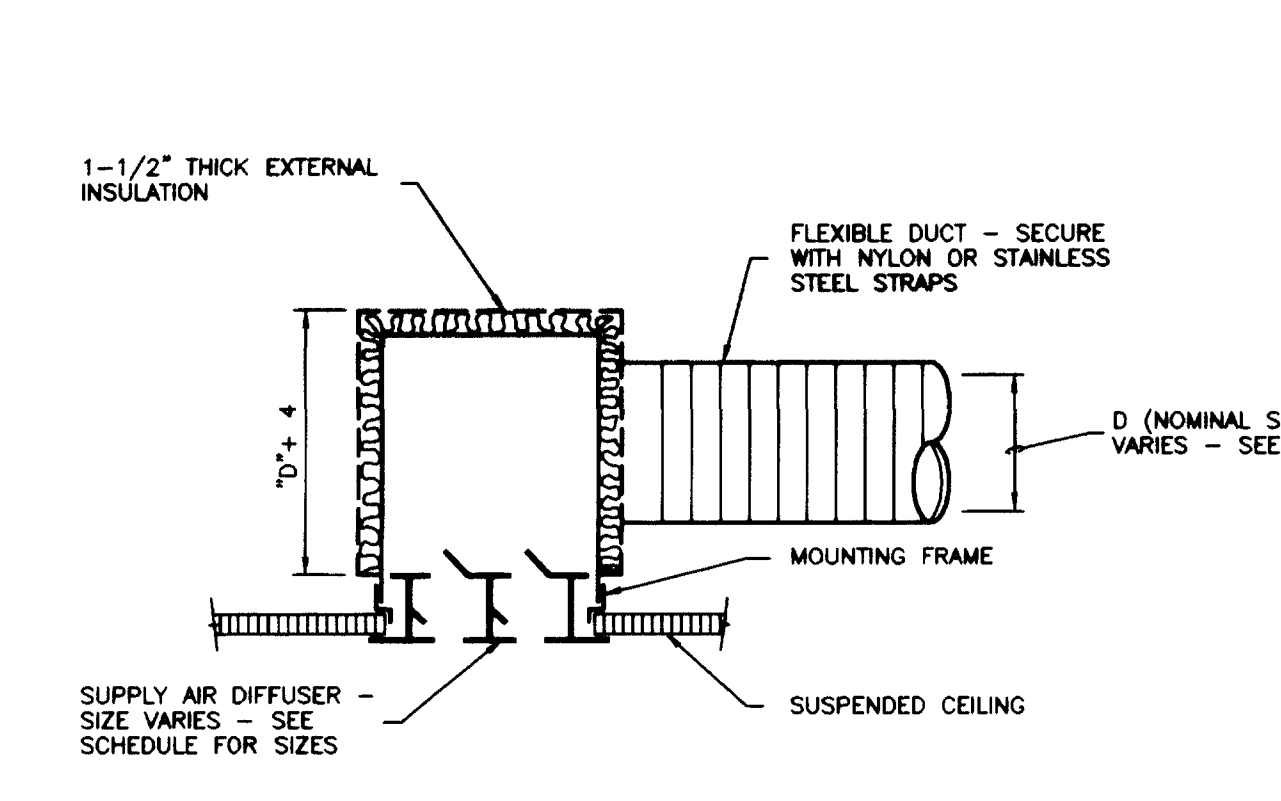
HIGH PRESSURE FLASH TANK
NO SCALE



STEAM PRESSURE REDUCING STATION DETAIL
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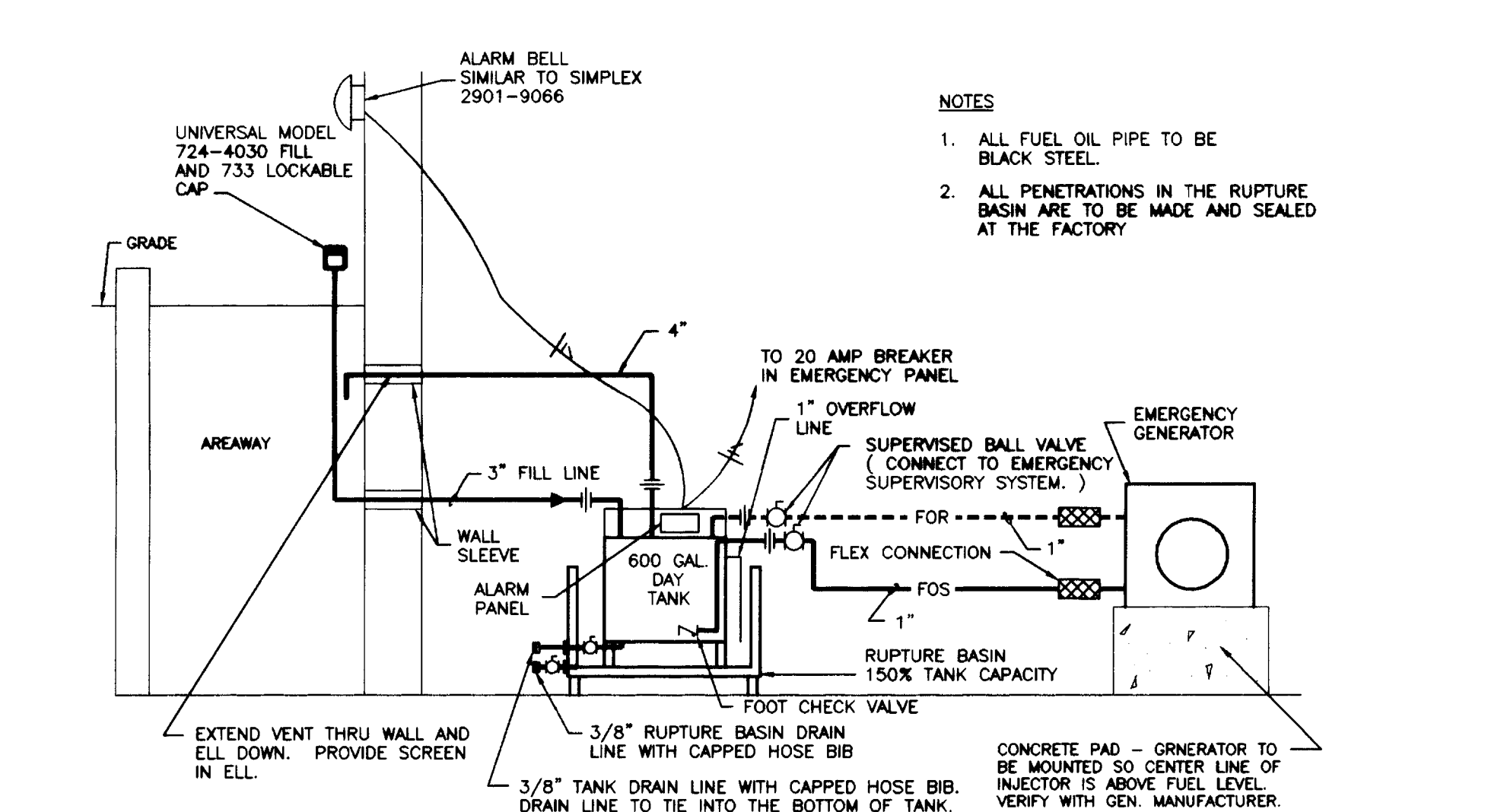
GLYCOL FILL SYSTEM
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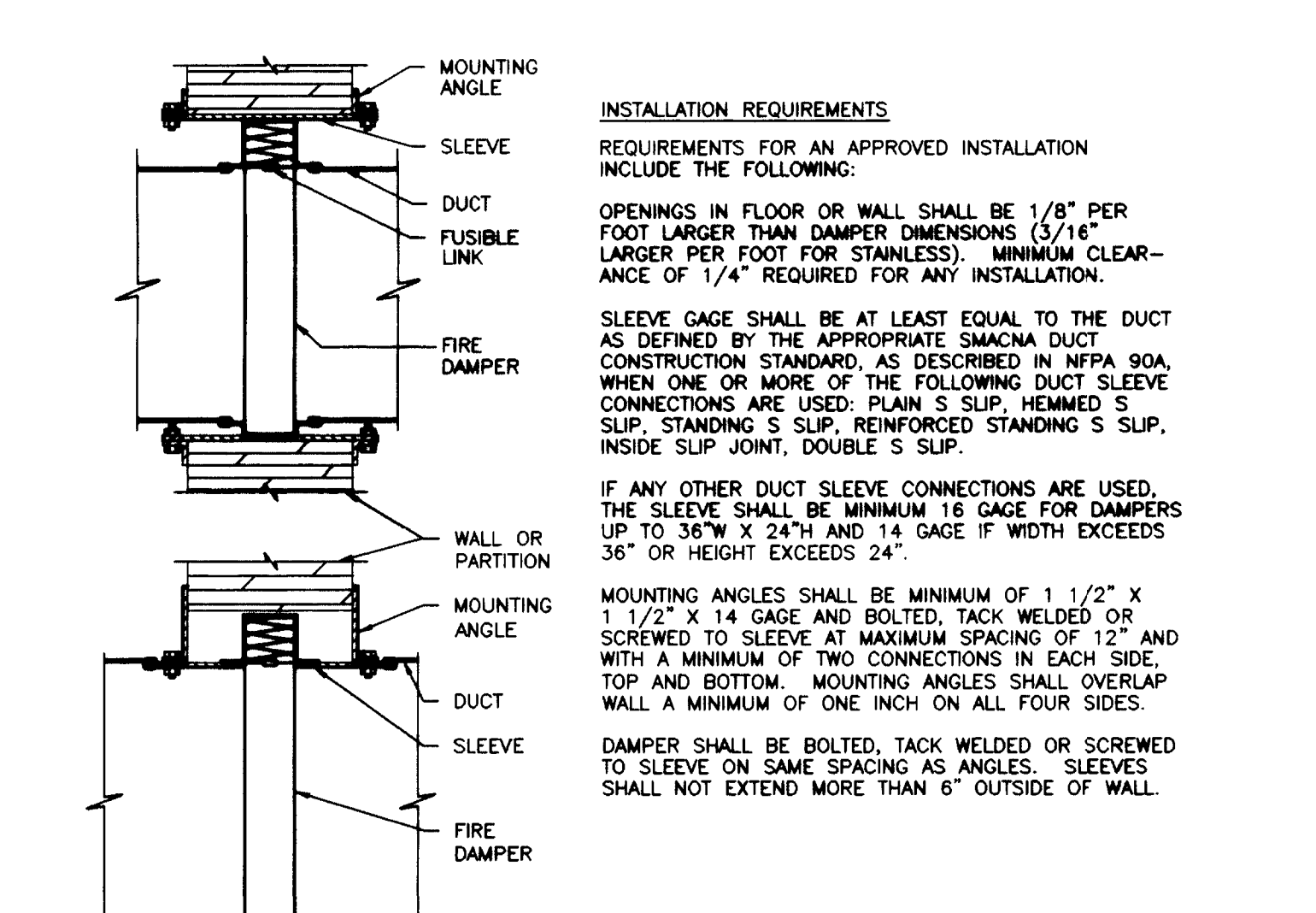
CONNECTION TO LINEAR DIFFUSER
NO SCALE

HVAC LEGEND	
	RECTANGULAR DUCT -- WIDTH X DEPTH
	ROUND DUCT -- SIZE INDICATED DIAMETER
	FLEXIBLE DUCT -- SINGLE LINE, DOUBLE LINE
	DROP IN DIRECTION OF ARROW
	RECTANGULAR TO ROUND TRANSITION
	SQUARE ELBOW WITH TURNING VANES
	MANUAL VOLUME DAMPER
	FIRE DAMPER
	ROUND DUCT -- UP, DOWN
	SUPPLY DUCT -- UP, DOWN
	RETURN DUCT -- UP, DOWN
	EXHAUST AIR -- UP, DOWN
	FLEXIBLE CONNECTION
	MOTOR-OPERATED DAMPER
	STATIC PRESSURE SENSOR IN DUCT
	THERMOSTAT
	HUMIDISTAT
	UNIT SYMBOL, MIN. - MAX. AIR, WATER FLOW (GPM)
	SOUND TRAP
	SUPPLY DIFFUSER -- TYPE, CFM (THREE WAY)
	RETURN DIFFUSER -- TYPE, CFM
	EXHAUST DIFFUSER -- TYPE, CFM
	ACCESS DOOR -- PLAN, SIDE VIEW

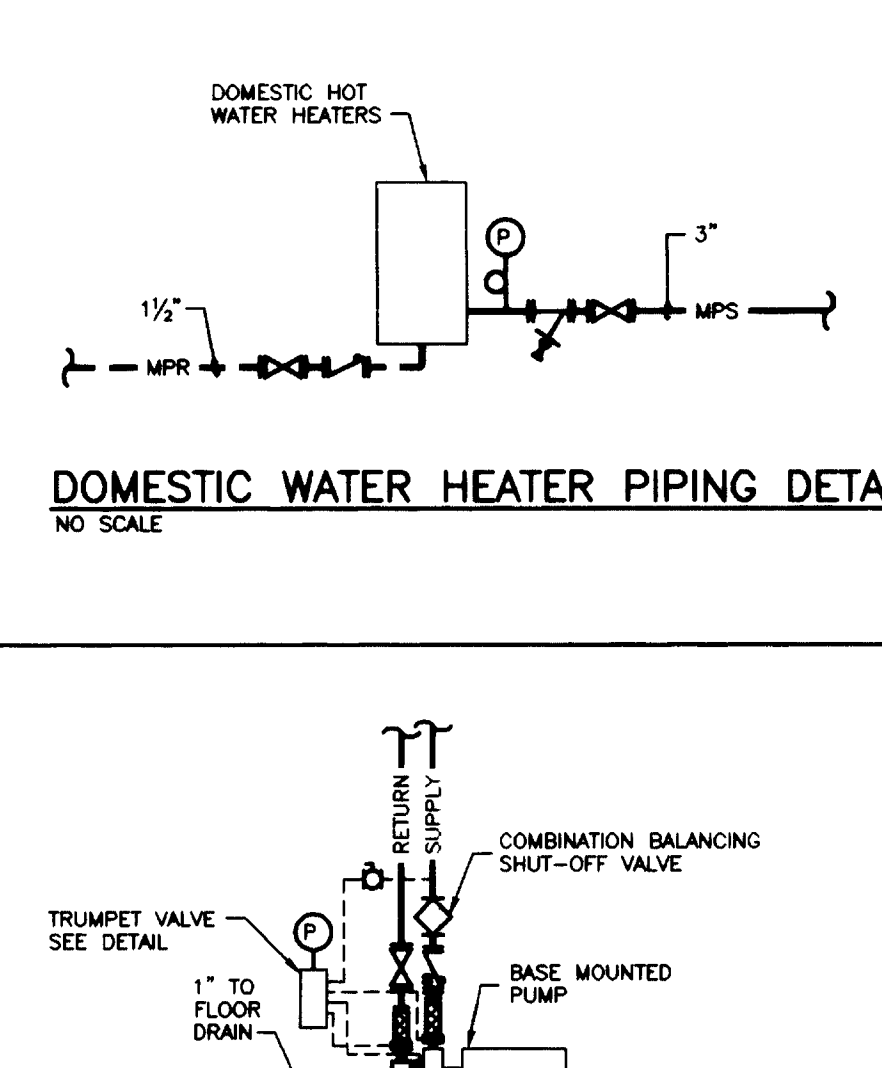
PIPING LEGEND	
	HOT WATER SUPPLY
	HOT WATER RETURN
	CHILLED WATER SUPPLY
	CHILLED WATER RETURN
	ENERGY RECOVERY SUPPLY
	ENERGY RECOVERY RETURN
	LOW PRESSURE SUPPLY
	LOW PRESSURE RETURN
	MED. PRESSURE SUPPLY
	MED. PRESSURE RETURN
	HIGH PRESSURE SUPPLY
	HIGH PRESSURE RETURN
	GATE VALVE (SCREWED) -- PLAN, END VIEW
	GATE VALVE (FLANGED) -- PLAN, END VIEW
	GLOBE VALVE (SCREWED) -- PLAN, END VIEW
	GLOBE VALVE (FLANGED) -- PLAN, END VIEW
	CHECK VALVE: SILENT CHECK VALVE
	3-WAY CONTROL VALVE: 2-WAY CONTROL VALVE
	COMB. BALANCING SHUT-OFF VALVE -- PLAN, END VIEW
	BASKET STRAINER
	3/4" DRAIN VALVE WITH HOSE CONNECTION
	SAFETY RELIEF VALVE
	Y-TYPE STRAINER WITH DRAIN VALVE
	FLEXIBLE CONNECTOR
	PRESSURE GAUGE
	TEMPERATURE GAUGE
	UNION
	MANUAL AIR VENT -- PLAN, ELEVATION
	AUTOMATIC AIR VENT -- PLAN, ELEVATION
	CONCENTRIC REDUCER -- PLAN, ELEVATION
	ECCENTRIC REDUCER -- PLAN, ELEVATION
	BUTTERFLY VALVE
	BALL VALVE



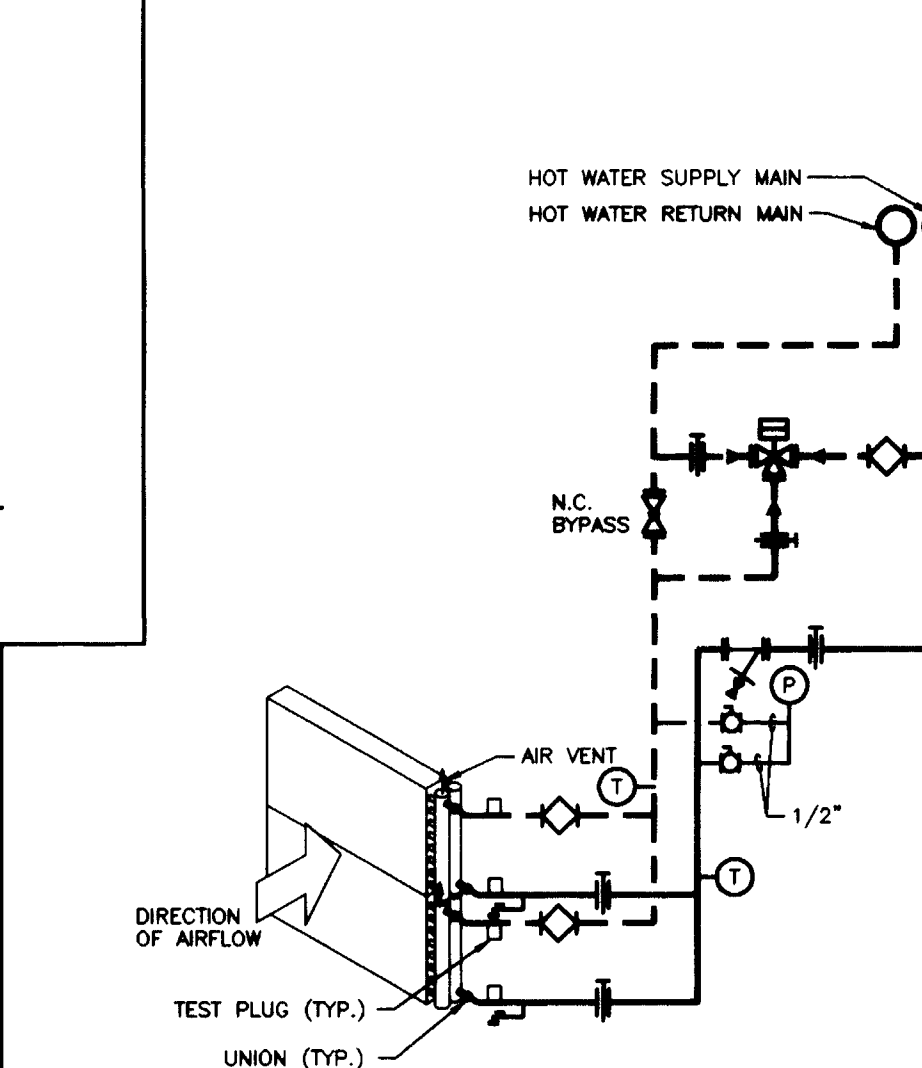
EMERGENCY GENERATOR & DAY TANK DIAGRAM
NO SCALE



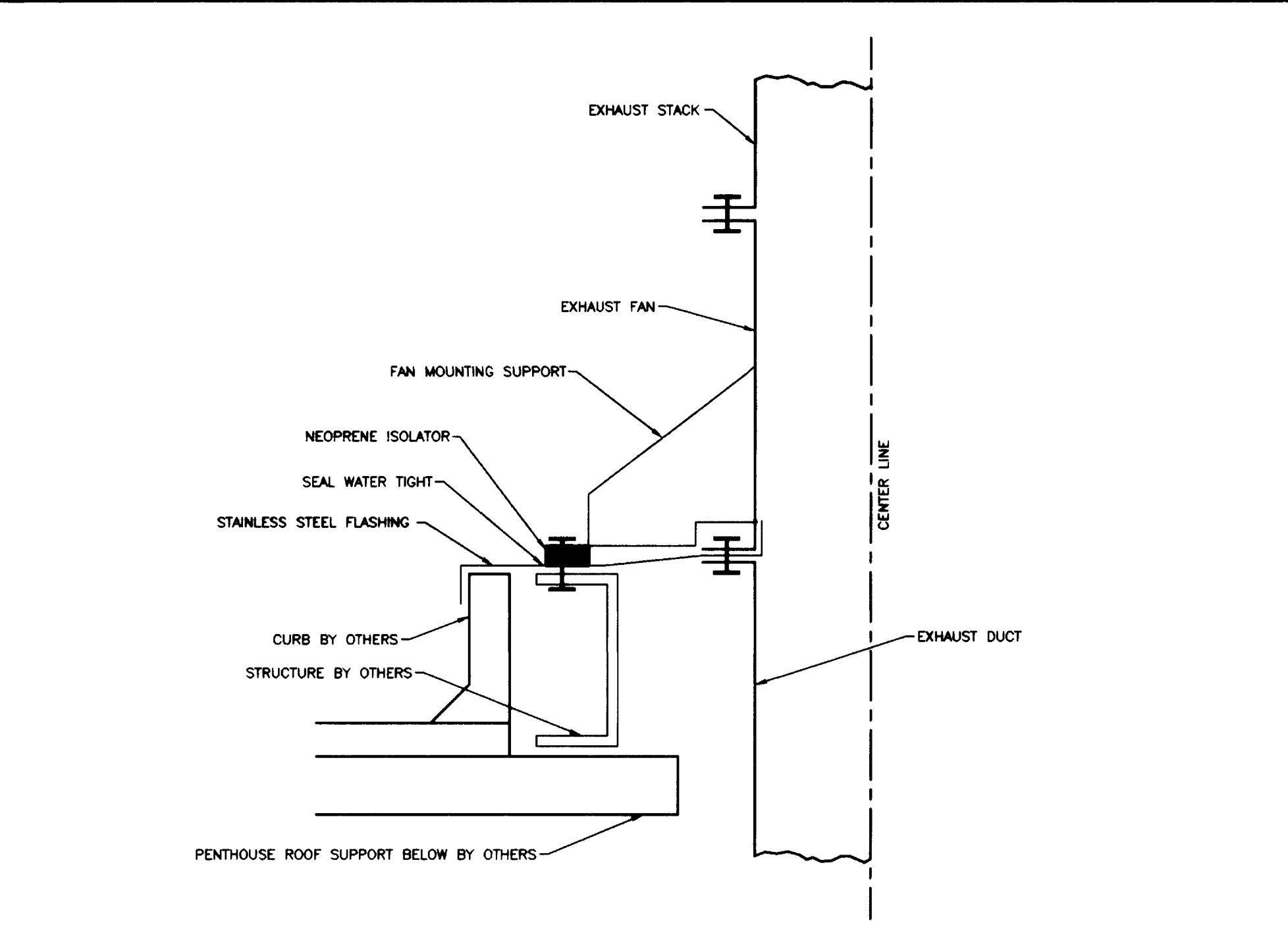
FIRE DAMPER MOUNTING DETAIL
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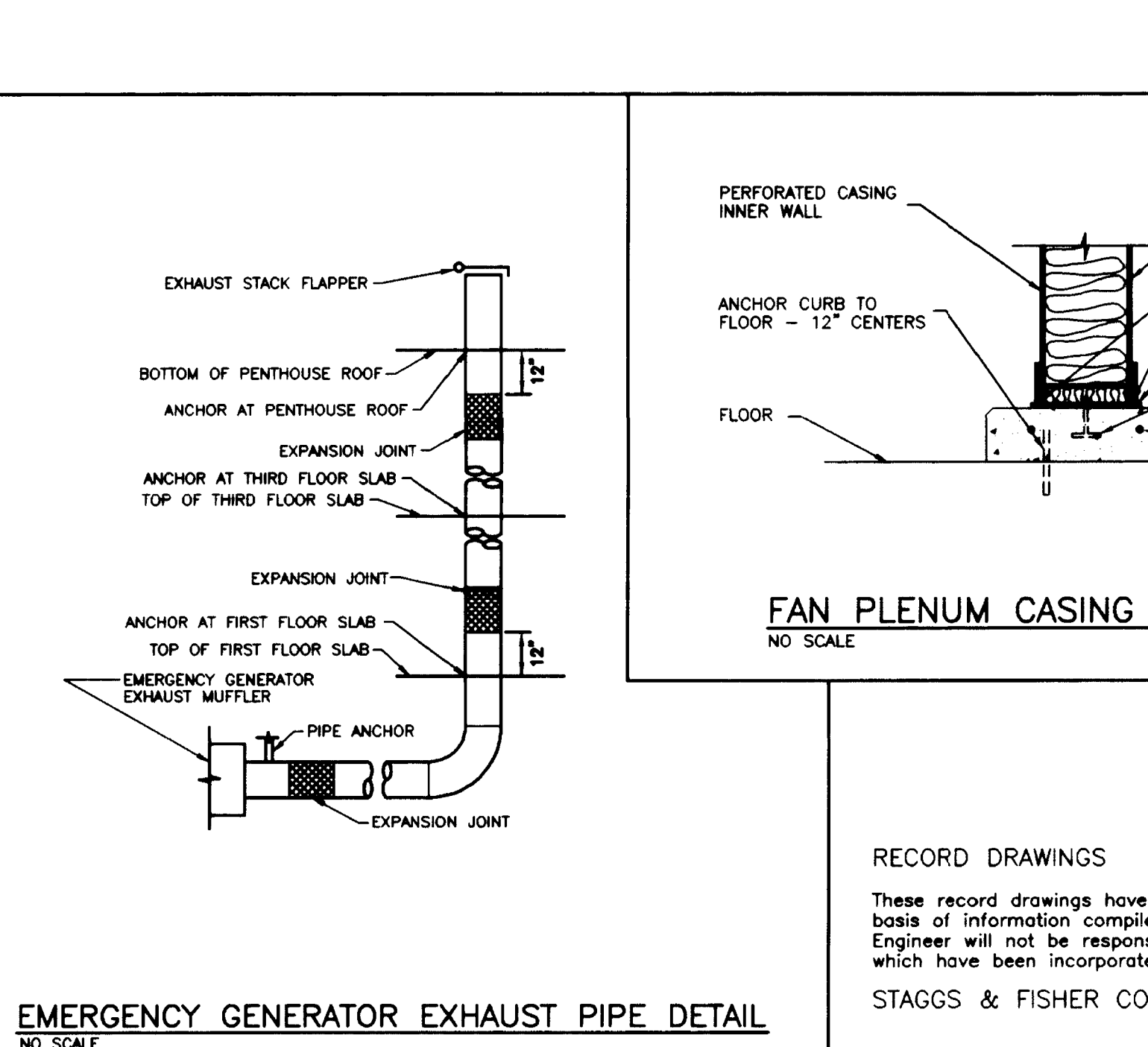
DOMESTIC WATER HEATER PIPING DETAIL
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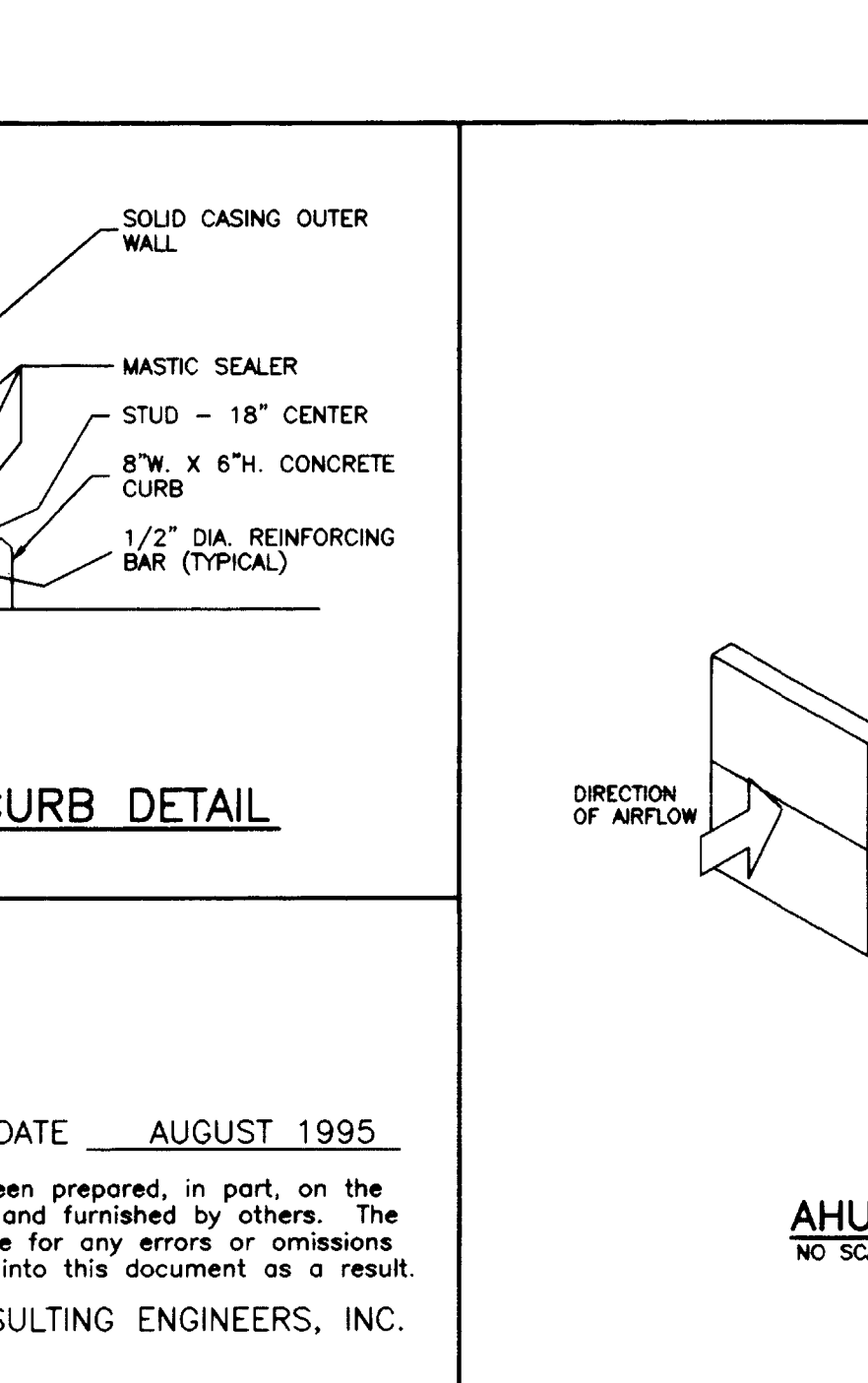
AHU PRE-HEAT/COOL COIL PIPING DETAIL
NO SCALE



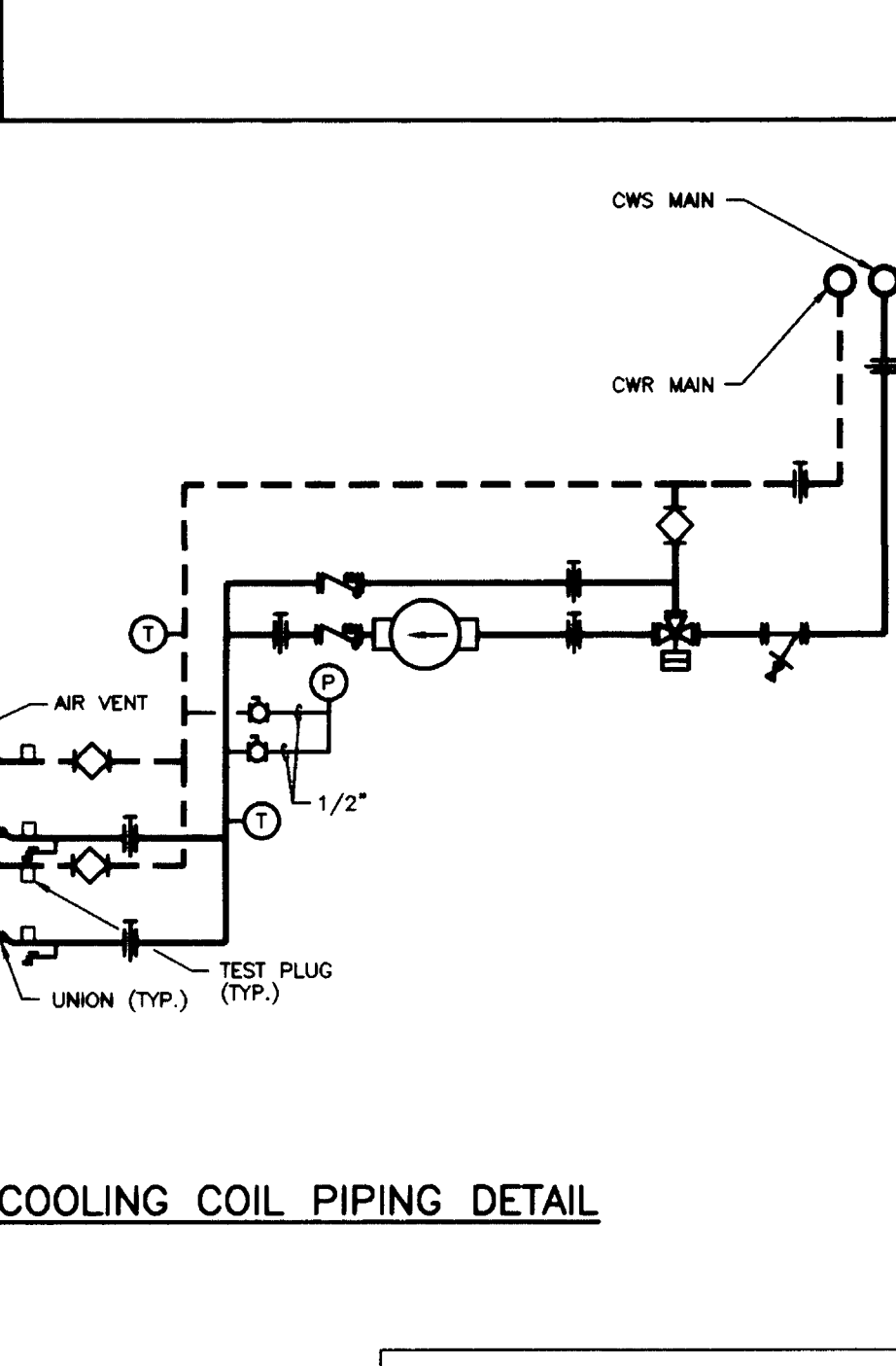
FUME HOOD EXHAUST FAN MOUNTING DETAIL
NO SCALE



EMERGENCY GENERATOR EXHAUST PIPE DETAIL
NO SCALE



FAN PLENUM CASING CURB DETAIL
NO SCALE



AHU COOLING COIL PIPING DETAIL
NO SCALE

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Project no.	
Date	
File no.	
Dr. by	
Chk. by	
Revision	
Drawing	
FINAL DOCUMENTS	
Director - design and construction division	date

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MEDICAL RESEARCH EXPANSION SPACE PROJECT NO. 747.0
Lexington, Kentucky

ARCHITECTURE ENGINEERING INTERIOR DESIGN

Boston
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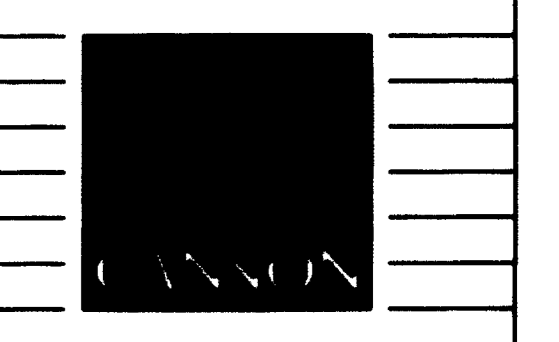
ARCHITECTURE ENGINEERING PLANNING INTERIORS

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317 South Ashland Avenue
Lexington, Kentucky 40502

Revision Date
Issue Date DEC. 92
Drawing Title
H.V.A.C. DETAILS

Drawn by
Checked by
Project No. Scale
80240.01 1/8" = 1'-0"
Drawing No.
8.71



**ARCHITECTURE
ENGINEERING
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St. Louis
Washington**

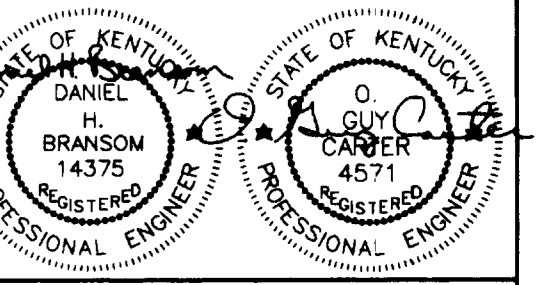
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606-254-8623**

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Consulting Engineers, Inc.
317 South Ashland Avenue
Lexington, Kentucky 40502



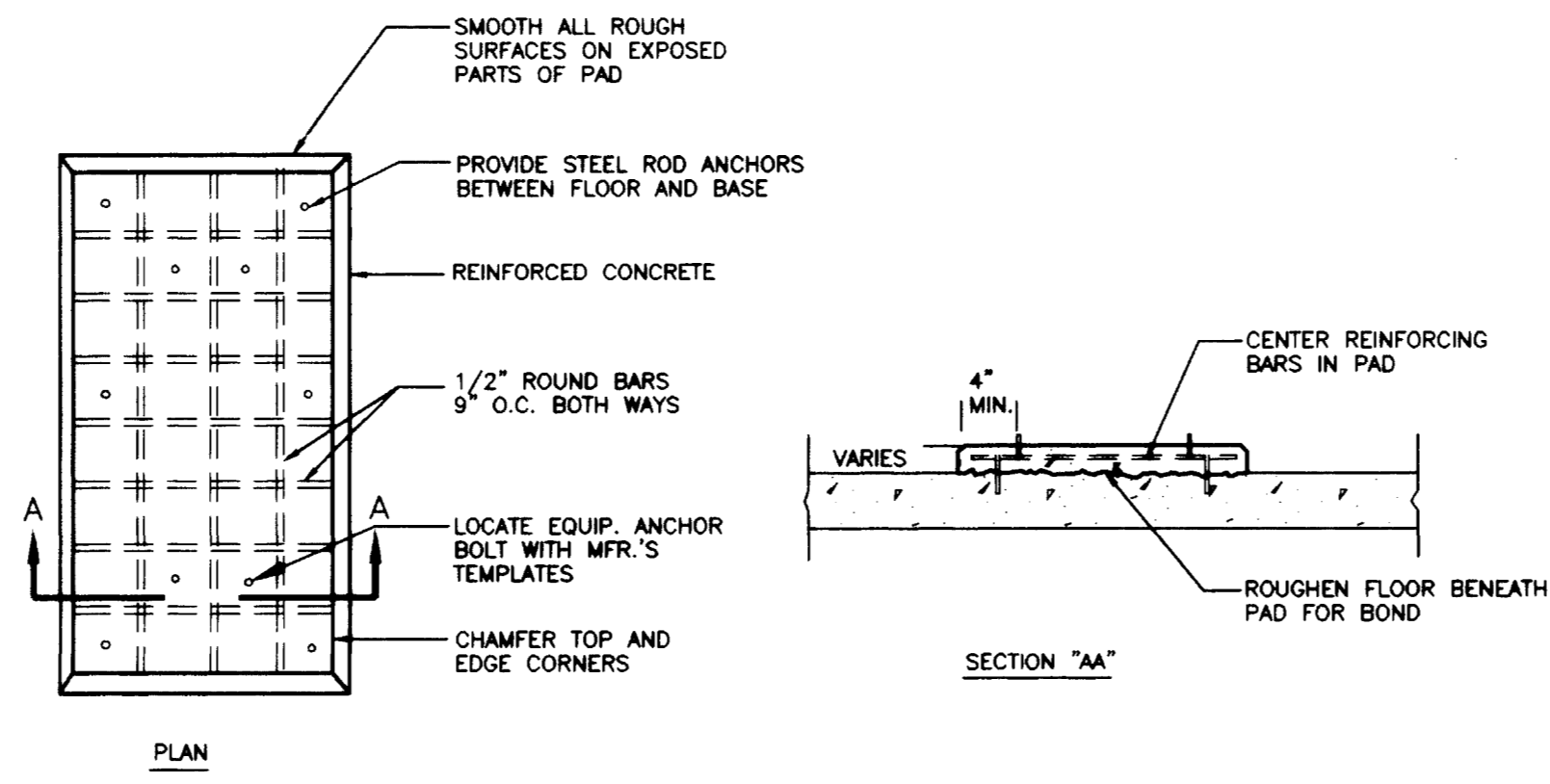
Revision	Date
Issue	DEC., 92

Drawing Title
H.V.A.C. DETAILS

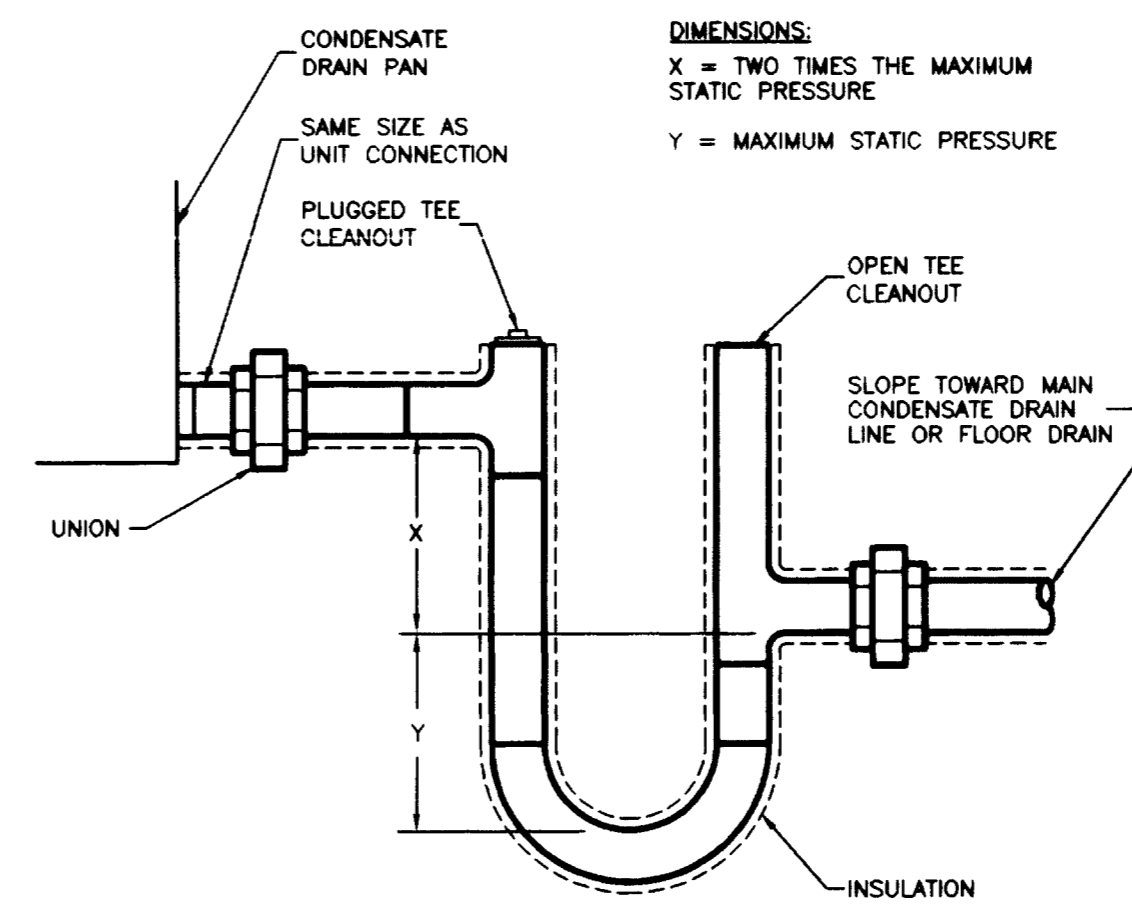
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Checked by DHB	Scale 1/8" = 1'-0"
Project No. 80240.01	Drawing No. 8-72

ABBREVIATIONS

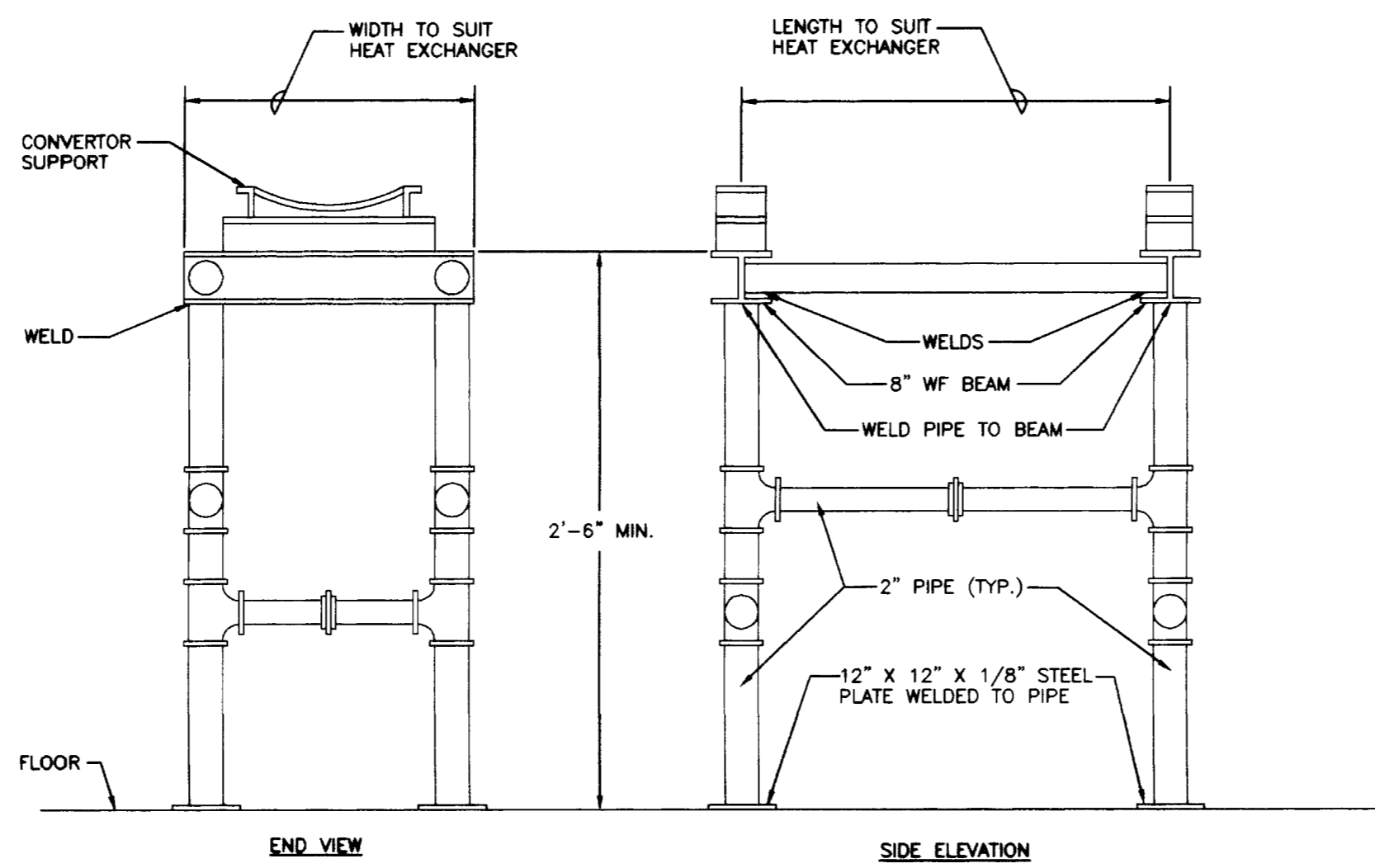
- AFF ABOVE FINISHED FLOOR
- AAV AUTOMATIC AIR VENT
- AD ACCESS DOOR
- VD VOLUME DAMPER
- MD MOTOR OPERATED DAMPER
- SA SUPPLY AIR
- RA RETURN AIR
- EA EXHAUST AIR
- OA OUTSIDE AIR
- FD FIRE DAMPER
- NC NORMALLY CLOSED
- NO NORMALLY OPEN
- C COMMON
- UH UNIT HEATER
- SA SUPPLY AIR UNIT (STANDARD TEMP. CONTROL UNIT)
- GEX GENERAL EXHAUST UNIT (STANDARD TEMP. CONTROL UNIT)
- VAV VARIABLE AIR VOLUME (FUME HOOD CONTROL UNIT)
- EX EXHAUST UNIT (FUME HOOD CONTROL UNIT)
- FT FAN TERMINAL
- CC COOLING COIL
- HC HEATING COIL
- ERC ENERGY RECOVERY COIL
- CP CONDENSATE PUMP
- ST SOUND TRAP
- STT STEAM TRAP
- HX HEAT EXCHANGER



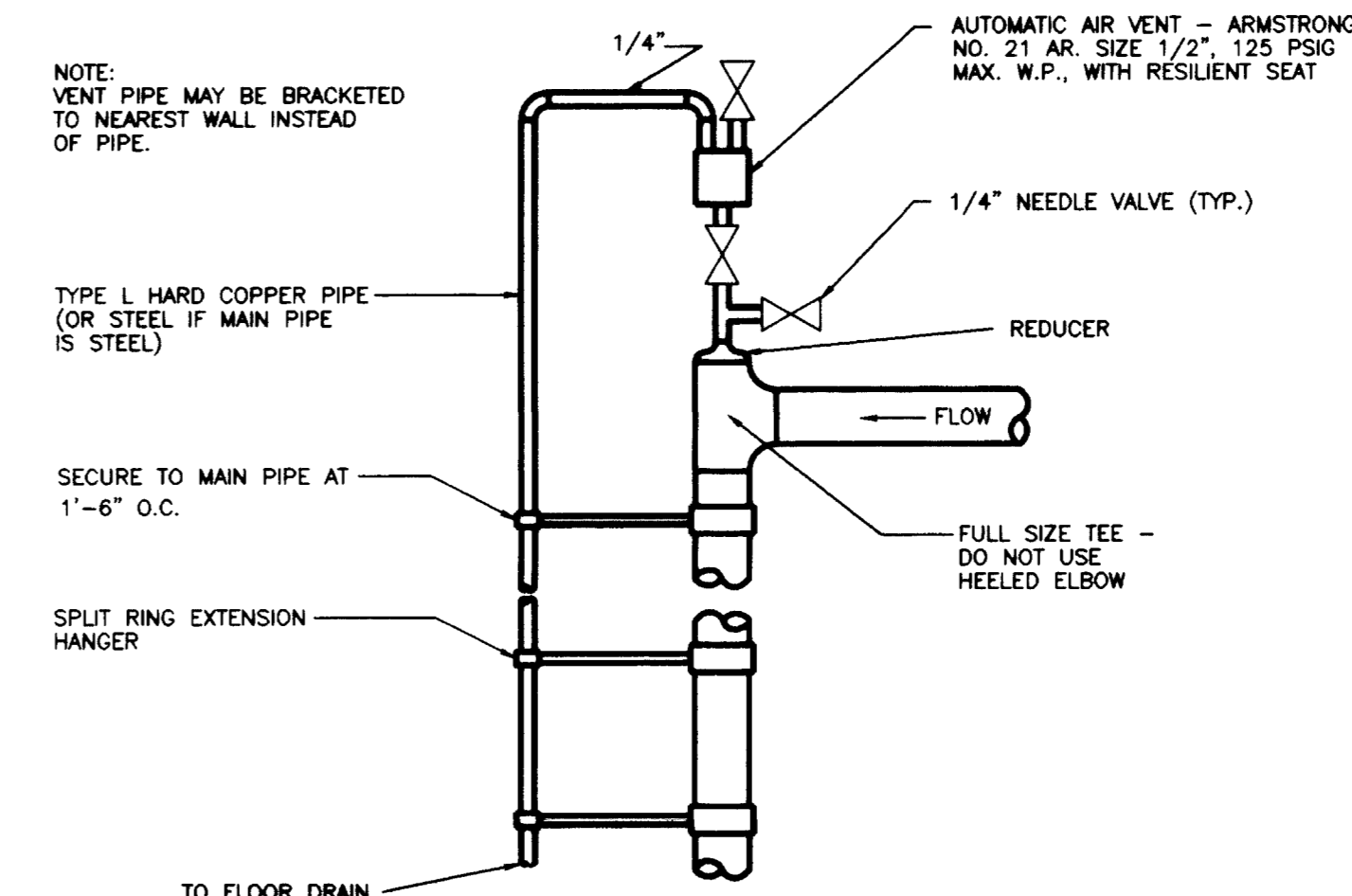
CONCRETE PAD DETAIL
NO SCALE



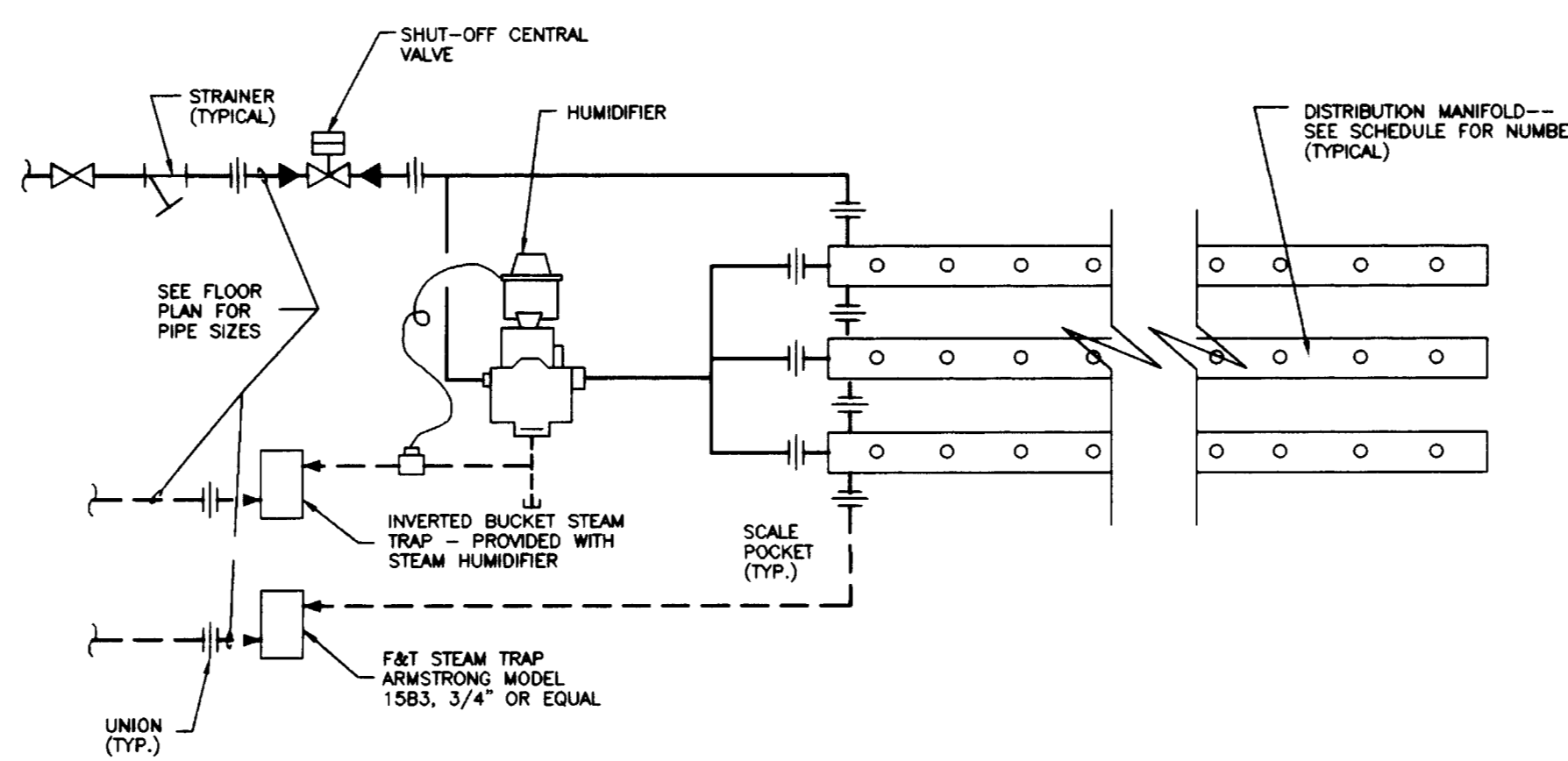
CONDENSATE DRAIN TRAP DETAIL
NO SCALE



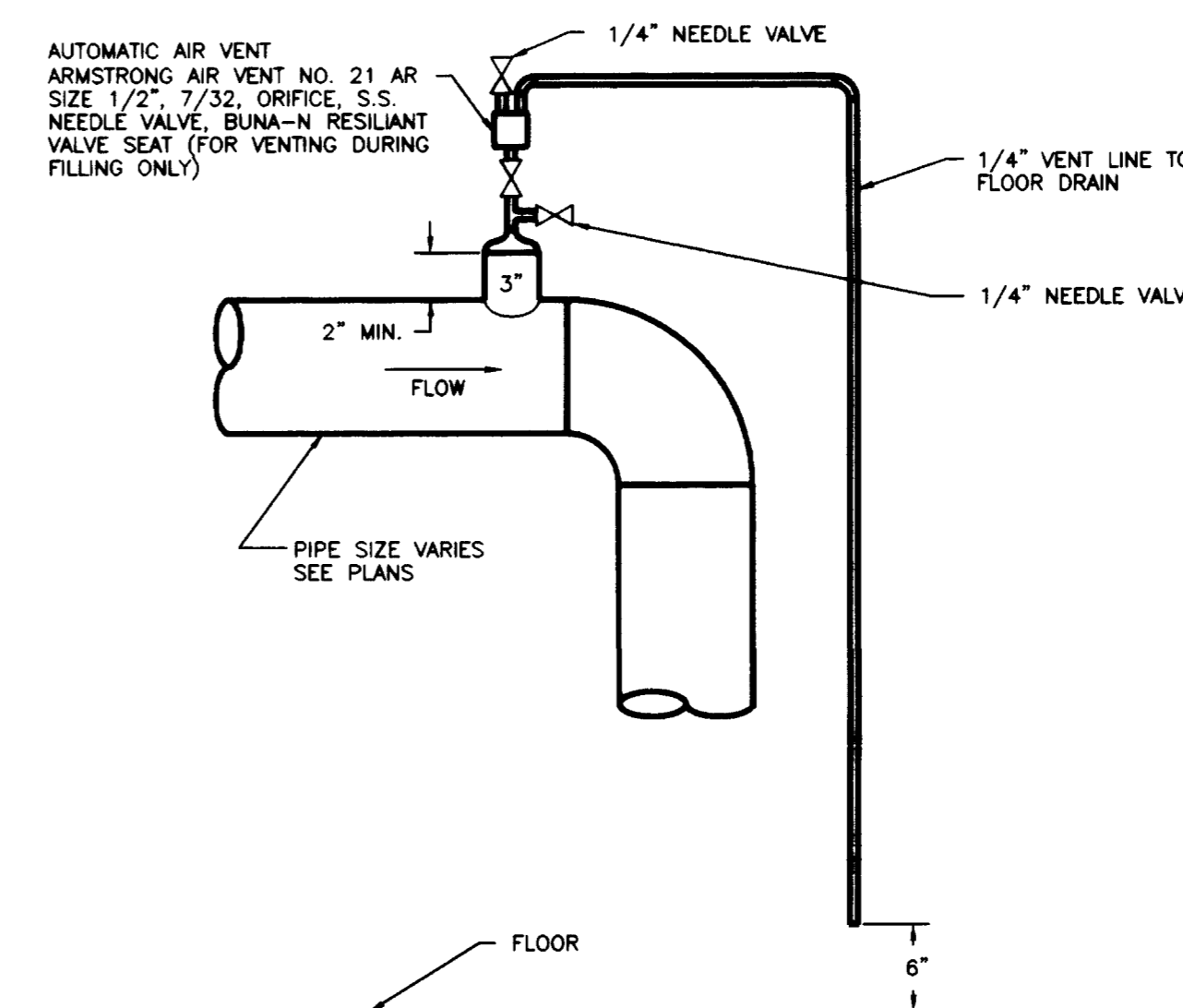
H.W. HEAT EXCHANGER SUPPORT DETAIL
NO SCALE



AUTOMATIC AIR VENT DETAILS - 3" & SMALLER
NO SCALE



STEAM HUMIDIFIER PIPING DETAIL
NO SCALE



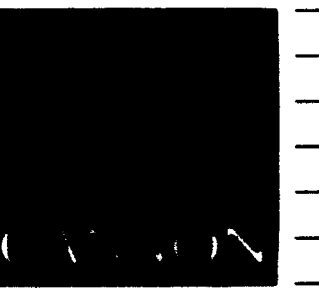
MANUAL AIR VENT DETAIL - PIPES 4" AND LARGER
NO SCALE

RECORD DRAWINGS DATE AUGUST 1995.
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project no.	
date	
file no.	
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chk. by	
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drawing	
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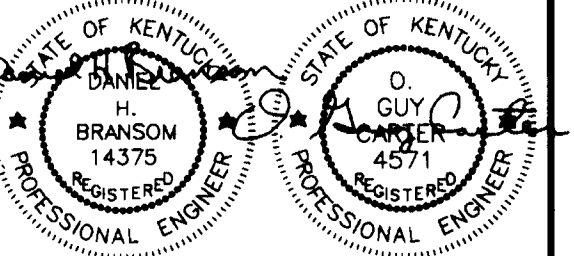
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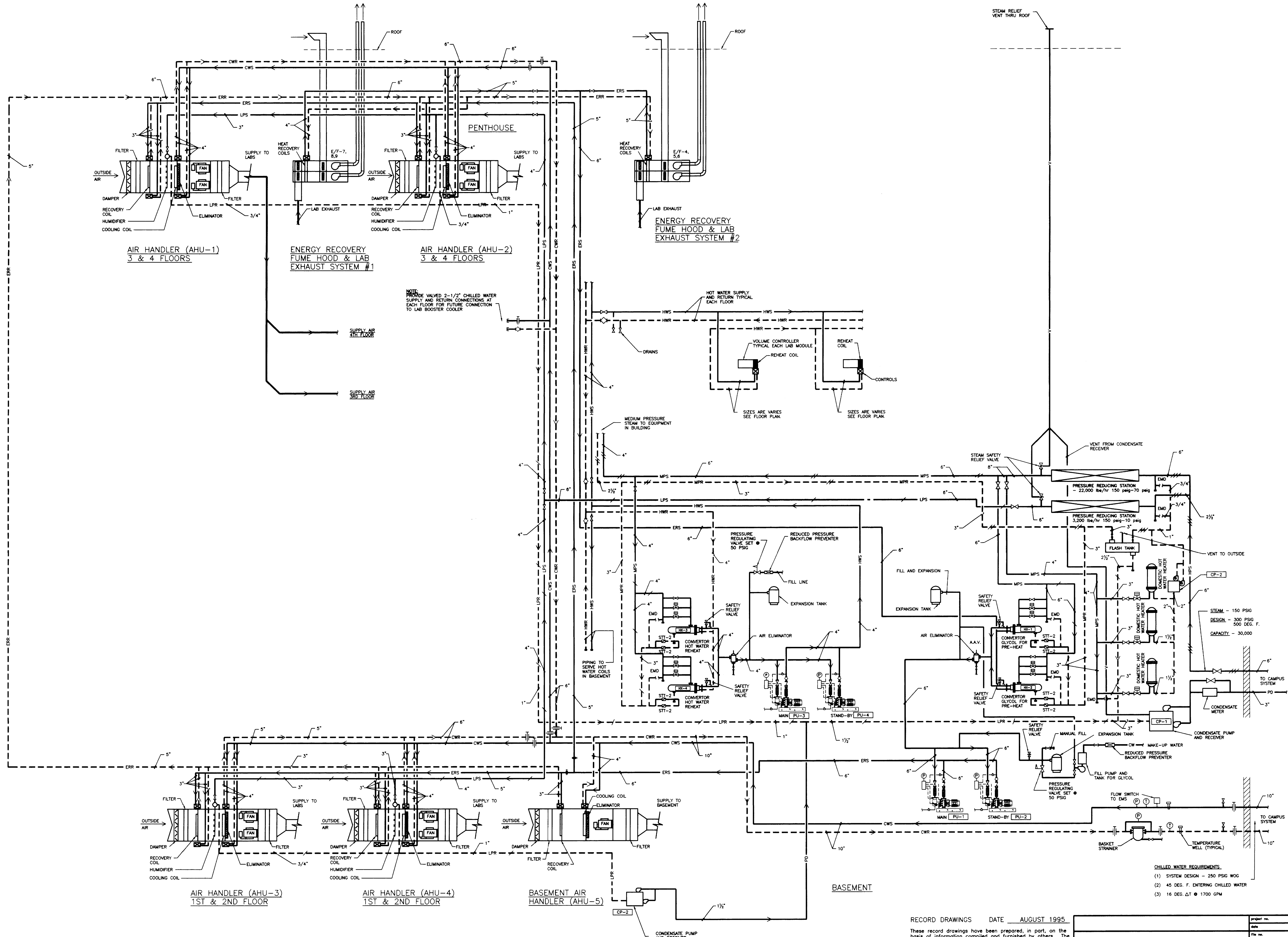
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Revision	Date
Issue	DEC. 92

Drawing Title
H.V.A.C. PLAN -
HYDRONIC PIPING
FLOW DIAGRAM

Drawn by
AKL
Checked by
DHB
Project No. Scale
90240.01 1/8" = 1'-0"
Drawing No.
8.80



HYDRONIC PIPING FLOW DIAGRAM

NO SCALE

RECORD DRAWINGS DATE AUGUST 1995

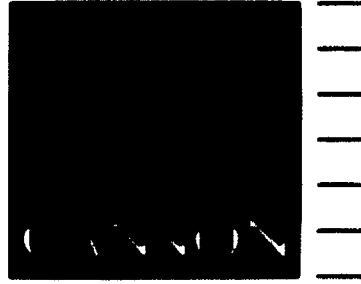
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File No.	
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Ch. by	
Revision	
Drawing No.	

FINAL DOCUMENTS

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A-1
46



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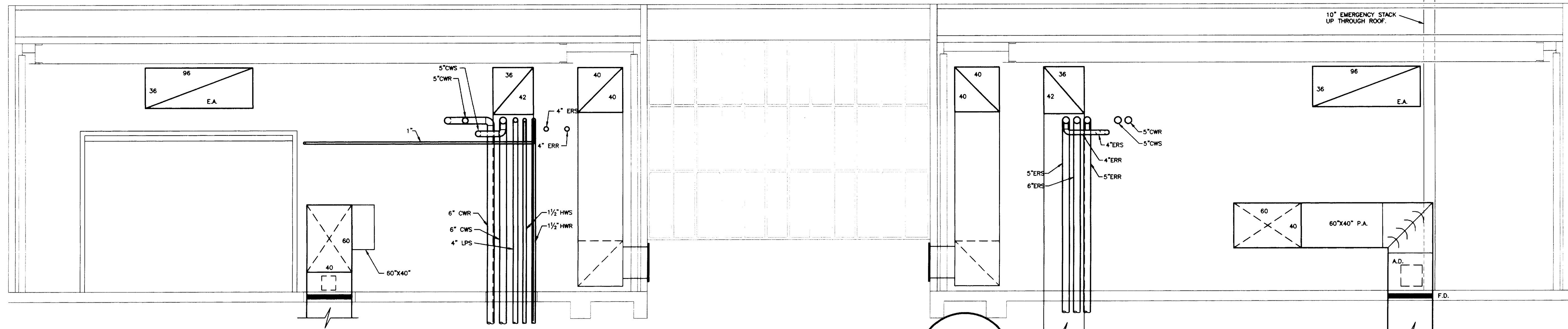
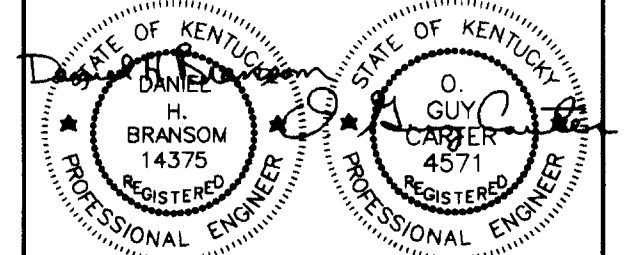
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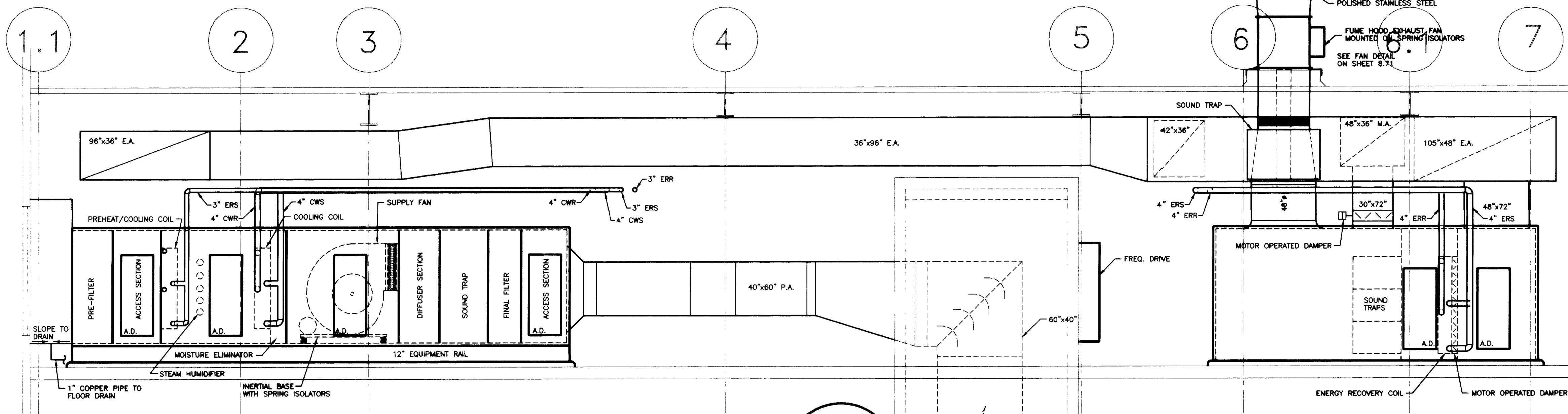
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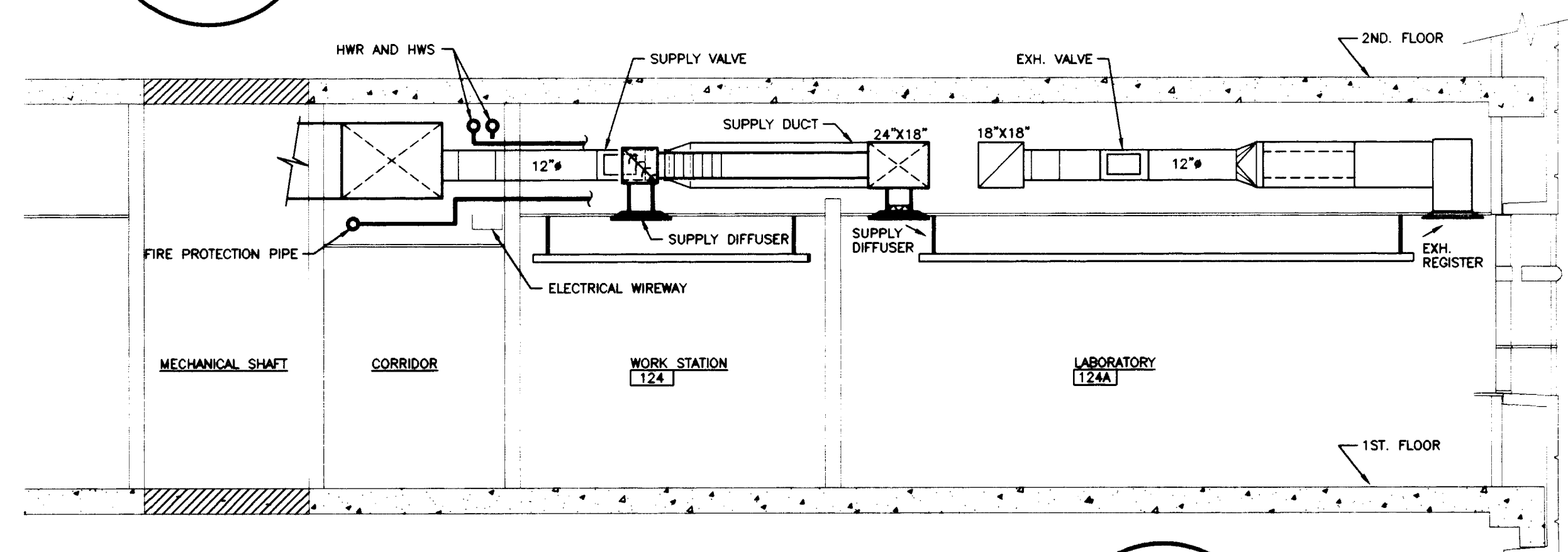
PENTHOUSE SECTION A

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



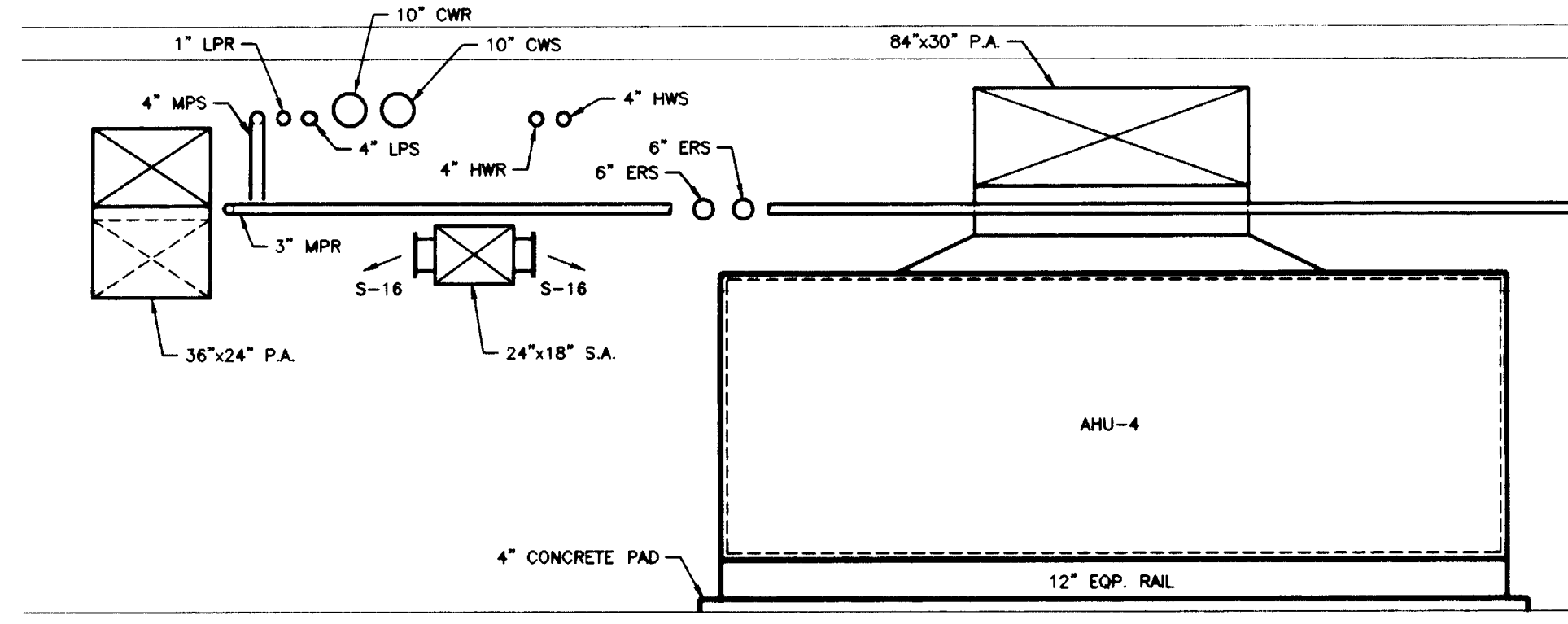
PENTHOUSE SECTION B

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



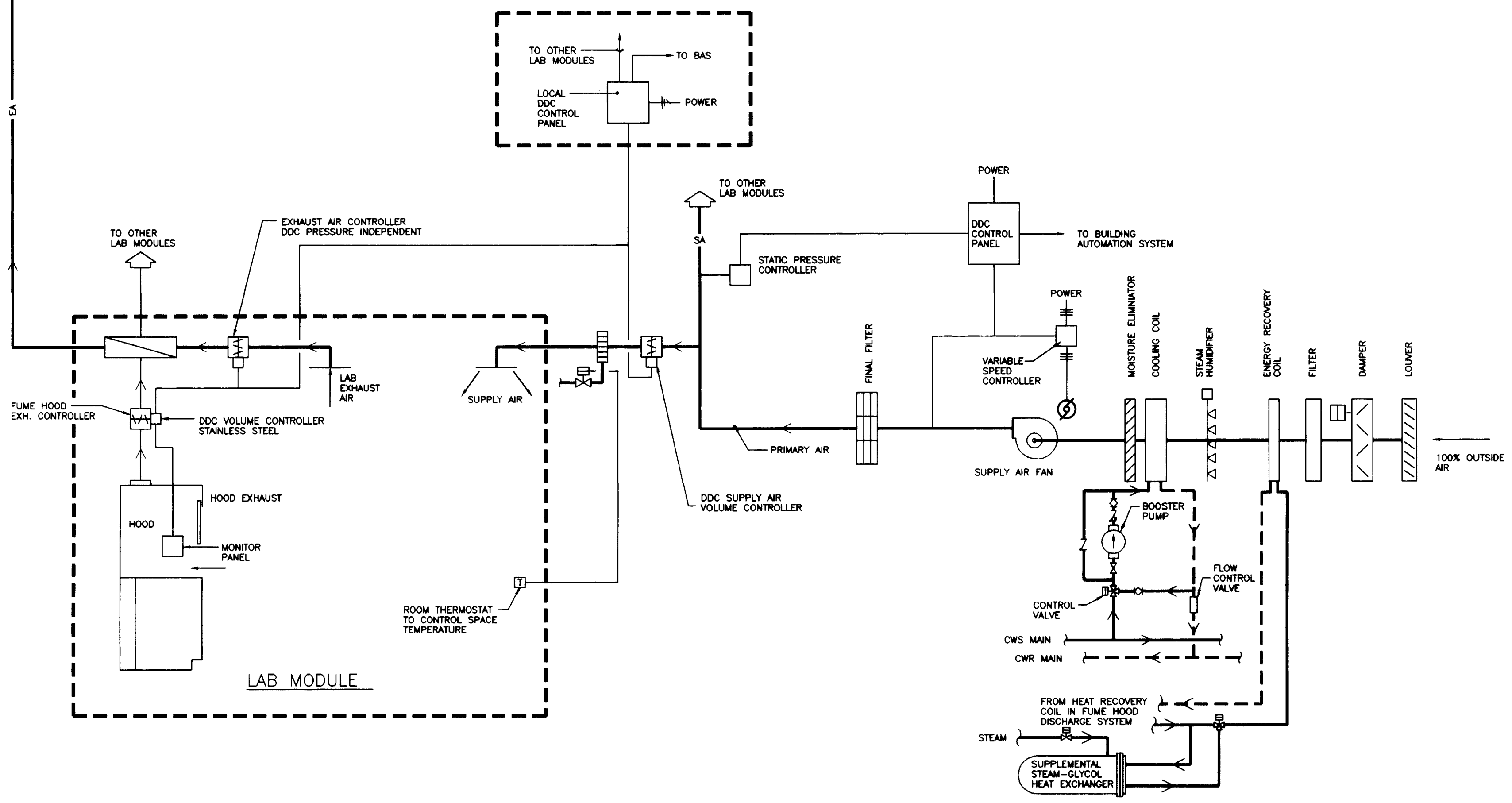
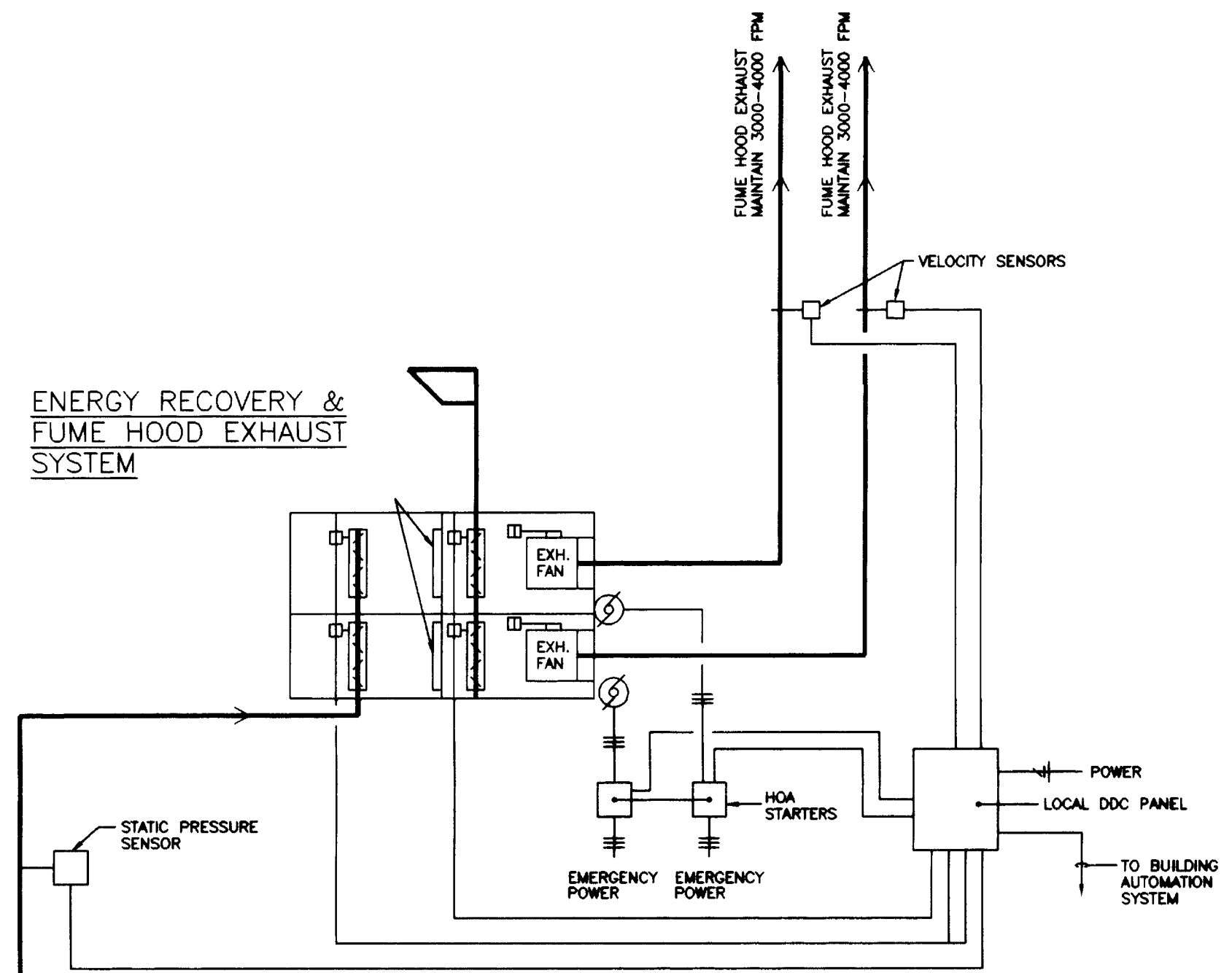
BUILDING SECTION C

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



BUILDING SECTION D

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



VARIABLE AIR VOLUME / MANIFOLD EXHAUST - CONCEPT

NO SCALE

RECORD DRAWINGS DATE AUGUST 1995

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file no.	
dr. by	
revision	
drawing no.	

Revision	Date
Issue	DEC., 92
Drawing Title	

HVAC AIR FLOW DIAGRAM AND BUILDING SECTIONS

Drawn by	I.C.B.
Checked by	D.H.B.
Project No.	80240.01
Scale	1/4" = 1'-0"
Drawing No.	8.81

SOUND TRAPS																							
SYMBOL	MANUFACTURE	MODEL	DIMEN. WxHxL	CFM	FACE VEL. FPM	P.D. IN. W.G.	INSERTION LOSS dB								REMARKS								
							1	2	3	4	5	6	7	8		1	2	3	4	5	6	7	8
ST-1	WC	JHS	12X12X36	700	700	0.20	7	9	14	19	22	28	30	13	36	29	35	30	31	35	22	20	*2
ST-2	WC	JHS	18X12X36	1100	700	0.20	7	9	14	19	22	28	30	13	36	29	35	30	31	35	22	20	*2
ST-3	WC	JHS	24X18X36	2200	700	0.20	7	9	14	19	22	28	30	13	36	29	35	30	31	35	22	20	*2
ST-4	WC	JHS	12X12X36	2200	-2800	0.12	8	8	16	16	7	8	5	4	20	33	37	38	36	31	20	20	*1
ST-5	WC	JXL	12X12X36	700	700	0.25	7	8	17	21	13	11	9	8	46	42	44	46	53	57	55	52	*3
ST-6	WC	JXL	18X12X36	1100	700	0.25	7	8	17	21	13	11	9	8	46	42	44	46	53	57	55	52	*3
ST-7	WC	JXL	24X18X36	2200	700	0.25	7	8	17	21	13	11	9	8	46	42	44	46	53	57	55	52	*3
ST-8	WC	D-DUCT	72X72X51	35,000	---	0	3	11	17	18	16	12	11	10	---	---	---	---	---	---	---	---	EF-1AMB24AB
ST-9	WC	JHS	24X24X36	2000	500	0.1	7	9	14	19	22	28	30	13	36	29	35	30	31	35	22	20	AIR HANDLERS,2
ST-10	WC	JXL	24X36X36	2917	486	0.09	7	8	17	21	13	11	9	8	46	42	44	46	53	57	55	52	

- *1 STAINLESS STEEL PACKLESS CONSTRUCTION, USE WITH ALL 10" & 12" VALVES EXHAUSTING FUME HOODS
- *2 GALVANIZED STEEL CONSTRUCTION, BAGGED FILL, BAG MATERIAL SHALL MEET THE 25/50 FLAME/SMOKE RATING.
- *3 GALVANIZED STEEL PACKLESS CONSTRUCTION.

AIR FILTER											
SYMBOL	MFR.	MODEL	TYPE	DIM. WxD	CFM	FACE VELOCITY	INITIAL S.P. (IN. W.G.)	FINAL S.P. (IN. W.G.)	FILTER SIZE	ASHRAE EFFICIENCY	REMARKS
PF-1	AAF	VARCEL	* 3	18"X6"	34000	315	0.65	1.2	27-24X24	90-95K	* 4
PF-2	AAF	AM-AHR301	* 2	8"X6"	20000	417	0.43	1.2	12-24X24	25-30K	* 1
PF-2	AAF	VARCEL	* 3	8"X6"	20000	417	0.65	1.2	12-24X24	90-95K	* 4

- *1 PROVIDE FACTORY GASKETED, REAR SERVICED FILTER HOUSING.
- *2 PLEATED PREFILTER, CLASS 1, 2" THICK.
- *3 PLEATED FINAL FILTER, CLASS 1, 2" THICK.
- *4 PROVIDE FACTORY GASKETED, REAR SERVICED HOUSING.

COOLING COILS																
SYMBOL	MFR.	MODEL NO.	ROWS	F.P.I.	CFM	VEL. FPM	A.P.D. IN. W.G.	E.A.T. W.B.	L.A.T. W.B.	GPM	EWT	LWT	WATER P.D. FT.	DIM. W X H	REMARKS	
																CC-1
CC-2	BUFFALO	5W51010B	10	10	20000	412	0.85	95	77	52.8	52.6	220	46	61.3	10.9	106X66
ERC-1	BUFFALO	5W51010B	10	10	35000	488	0.92	75	56	41.4	40.6	205	34.5	40.6	16.2	144X72

- *1 2 COILS HIGH

VARIABLE VOLUME SUPPLY TERMINAL REHEAT UNITS																	
SYMBOL	MFR.	MODEL	MAXIMUM CFM RANGE	NC	INLET SIZE	HEATING COIL								CONTROL VALVE NO.	SOUND TRAP NO.	DUCT SIZE #1	REMARKS
						SIZE	ROWS	FPI	MBH	CFM	EAT	GPM	EWT				
VAV-4	CROWN	RCP-SR	175	48	4"	12"X8"	2	10	12.1	175	55	1.0	180	0.7	3-WAY	ST-1	12X12
VAV-5	CROWN	RCP-SR	275	49	5"	12"X8"	2	10	15.3	275	55	1.0	180	0.7	3-WAY	ST-1	12X12
VAV-6	CROWN	RCP-SR	400	51	6"	12"X8"	2	10	18.4	400	55	1.0	180	0.7	3-WAY	ST-1	12X12
VAV-8	CROWN	RCP-SR	700	57	8"	12"X10"	2	10	30.5	700	55	2.0	180	2.8	3-WAY	ST-1	12X12
VAV-10	CROWN	RCP-SR	1100	58	10"	14"X12"	2	10	42	100	55	4.0	180	4.6	3-WAY	ST-2	18X12
VAV-12	CROWN	RCP-SR	1600	11	12"	16"X15"	2	10	54	1650	55	4.0	180	14.5	3-WAY	ST-3	24X18
VAV-14	CROWN	RCP-SR	2200	14	14"	20"X18"	2	10	70	2200	55	4.0	180	2.6	3-WAY	ST-3	24X18
SA-4	KRUEGER	LMHS	175	48	4"	12"X8"	2	10	12.1	175	55	1.0	180	0.7	3-WAY	ST-1	12X12
SA-5	KRUEGER	LMHS	275	49	5"	12"X8"	2	10	15.3	275	55	1.0	180	0.7	3-WAY	ST-1	12X12
SA-6	KRUEGER	LMHS	400	51	6"	12"X8"	2	10	18.4	400	55	1.0	180	0.7	3-WAY	ST-1	12X12
SA-8	KRUEGER	LMHS	700	57	8"	12"X10"	2	10	30.5	700	55	2.0	180	2.8	3-WAY	ST-1	12X12
SA-10	KRUEGER	LMHS	1100	58	10"	14"X12"	2	10	42	100	55	4.0	180	4.6	3-WAY	ST-2	18X12
SA-12	KRUEGER	LMHS	1600	11	12"	16"X15"	2	10	54	1650	55	4.0	180	14.5	3-WAY	ST-3	24X18
SA-14	KRUEGER	LMHS	2200	14	14"	20"X18"	2	10	70	2200	55	4.0	180	2.6	3-WAY	ST-3	24X18

- *1 UNLESS OTHERWISE NOTED

HEATING COILS																
SYMBOL	MFR.	MODEL NO.	ROWS	F.P.I.	TOT. CAP. MBH	CFM	VEL. FPM	A.P.D. IN. W.G.	E.A.T. F.	L.A.T. F.	GPM	W.P.D. FT.	EWT	LWT	DIM. WxH	REMARKS
HC-2	BUFFALO	5W51010B	10	10	1383369	20000	452	0.76	-10	53.3	110	11.4	65	35.3	106X66	*1

- *1 2 COILS HIGH

FANS															
SYMBOL	MFR.	MODEL	TYPE	SONES	CFM	S.P. IN. W.G.	FAN RPM	BHP	MOTOR				WHEEL TYPE	REMARKS	
									HP	RPM	PH	VOLTS			
SF-1,2,3,4	BUFFALO	DWDI	AF	*1	18375	8.25	2028	34.5	40	1750	3	480	AF	24.5	
SF-5	BUFFALO	DWDI	AF	*1	21000	7.2	2010	33.6	40	1750	3	480	AF	38	
EF-1	BUFFALO	38 B9-S	VANE AX	*2	35000	6.5	2543	53.9	60	1750	3	480	VANE AX	24.5	ERU-1
EF-2	BUFFALO	38 B9-S	VANE AX	*2	35000	6.5	2543	53.9	60	1750	3	480	VANE AX	24.5	ERU-2
EF-3	BUFFALO	38 B9-S	VANE AX	*2	40000	1.5	2700	14.7	20	1750	3	480	VANE AX	24.5	SMOKE REMOVER
EF-4	BUFFALO	LB-42	PROP	N/A	15000	1.0	399	2.4	3	1750	3	480	PROP	24.5	ELECTRIC ROOM
EF-5	GREENHECK	SP-160	CENT	N/A	700	0.5	950	285W	285W	950	1	115	CENT	7"	STEAM VAULT

- *1 OCTAVE BAND NO./HZ, 1/95, 2/100, 3/100, 4/96, 5/95, 6/92, 7/85, 8/80
- *2 OCTAVE BAND NO./HZ, 1/100, 2/100, 3/107, 4/109, 5/106, 6/101, 7/95, 8/92

STEAM TRAPS										
SYMBOL	MFR.	TYPE	MODEL	ORF. SIZE (INCH)	MAX. OPER. PRESS.(PSI)	TYPE OF CONNECTION	CONNECTION SIZE	CAPACITY (LBS/HR)	PRESSURE DIFF. (PSI)	REMARKS
STT-2	ARMSTRONG	F&T	250-M12	1-7/8	70	FLANGED	3"	33000	2.5	GLYCOL HEAT. EX.

CONDENSATE PUMPS AND RECEIVERS										
SYMBOL	MFR.	MODEL	RECEIVER CAP.-GALS	GPM	DISCHARGE PRESS.-PSIG	MOTOR				REMARKS
						HP	RPM	PH.	VOLTS	
CP-1	ITT	75CBE60	75	60	5	3500	3	480	DUPLEX	
CP-2	ITT	52CBE30	52	30	15	1/2	3500	3	480	DUPLEX

PUMPS														
SYMBOLS	MFR.	SERIES	SIZE	GPM	HEAD FT.	BHP	HP	MOTOR			SHUT-OFF HEAD FT.	END OF CURVE FLOW - GPM	TYPE	REMARKS
								RPM	PH	VOLTS				
P-1&2	B&G	44C	5.875	820	100	28	30	3550	3	480	137	1300	*1	GLYCOL PUMP
P-3&4	B&G	28C	9.5	270	84	5.3	7.5	1750	3	480	98	290	*1	HEATING PUMP
P-5	B&G	80	6.75	200	35	2.7	3	1750	3	480	45	290	*2	*3
P-6	B&G	80	6.875	220	35	2.8	3	1750	3	480	98	285	*2	*4
P-7	WEL	1400	---	35	20	1/3	1/3	1750	1	115	24	50	*5	STEAM PIT

- *1 CLOSE COUPLED BASE MOUNTED PUMP.
- *2 INLINE.
- *3 CHILLED WATER COIL AIR HANDLERS 1-4.
- *4 CHILLED WATER COIL AIR HANDLER 5.
- *5 SLUMP PUMP WITH MERCURY FLOAT SWITCH.

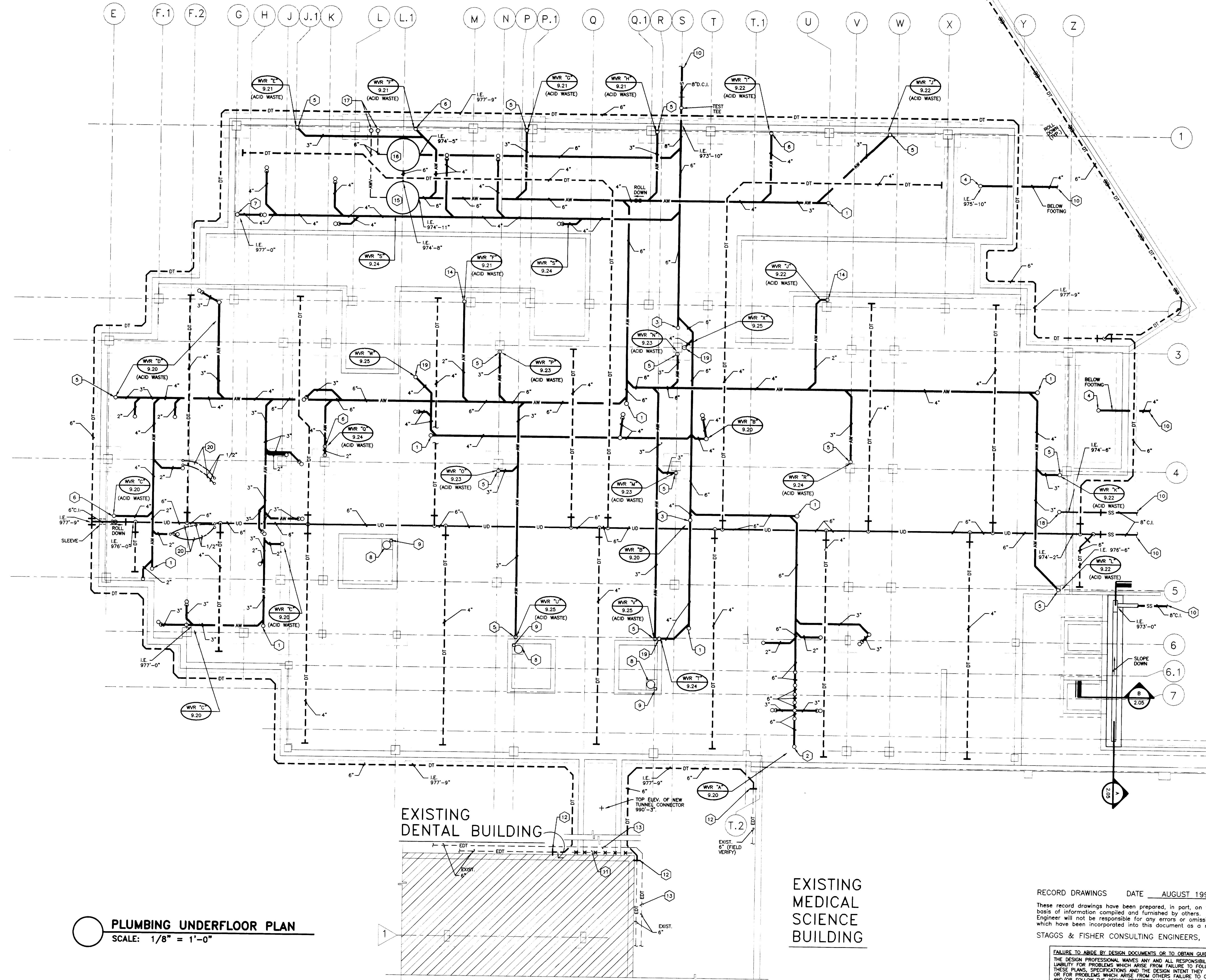
VARIABLE VOLUME EXHAUST TERMINAL UNITS									
SYMBOL	MFR.	MODEL	MAXIMUM CFM RANGE	NC	DUCT INLET	CONN. OUTLET	SOUND TRAP NO.	T.P.D.	REMARKS
EX-8	CROWN	HZ & GX	700	57	8"	8"	ST-5	0.11	*2,4
EX-10	CROWN	HZ & GX	1100	57	10"	10"	ST-6	0.11	*2,4
EX-12	CROWN	HZ & GX	1600	60	12"	12"	ST-7	0.11	*2,4
EX-14	CROWN	HZ & GX	2200	61	14"	14"	ST-7	0.11	*2,4
GEX-6	CROWN	HZ & GX	400	52	6"	6"	ST-5	0.11	*3
GEX-8	CROWN	HZ & GX	700	57	8"	8"	ST-5	0.11	*3
GEX-10	CROWN	HZ & GX	1100	57	10"	10"	ST-6	0.11	*3
GEX-12	CROWN	HZ & GX	1600	60	12"	12"	ST-7	0.11	*3
GEX-14	CROWN	HZ & GX	2200	61	14"	14"	ST-7	0.11	*3

- *1 NC BASED ON 10 DB ROOM EFFECT, 2"ΔPS
- *2 STAINLESS STEEL CONSTRUCTION
- *3 SAME FUMEHOOD CONTROL VALVE EXCEPT WITH STANDARD DDC CONTROLLER.
- *4 FUMEHOOD CONTROL EXHAUST VALVE EXCEPT WITH STANDARD DDC CONTROLLER.

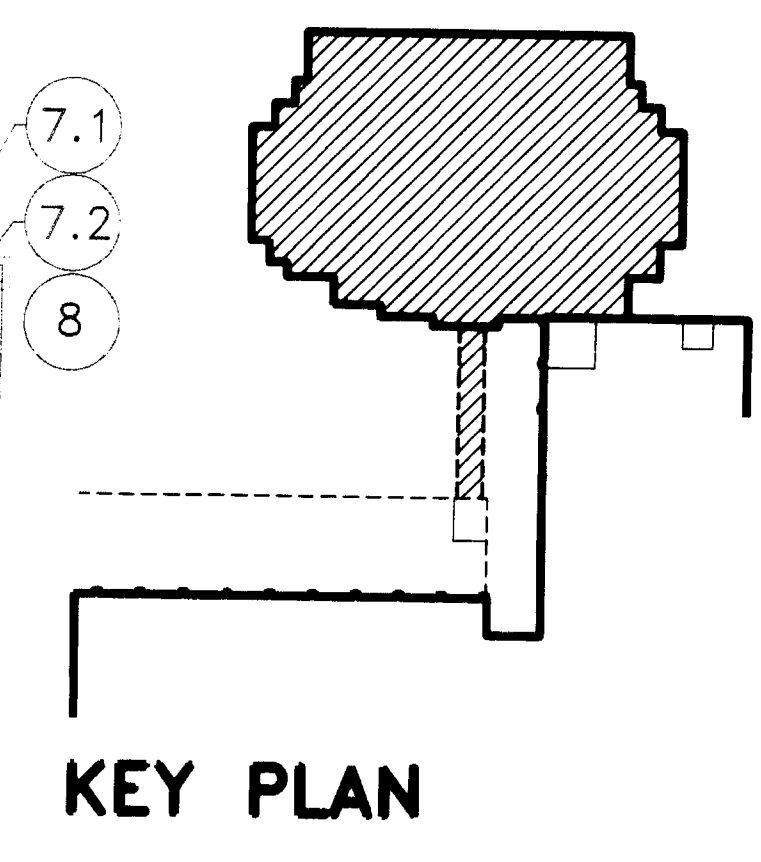
SCHEDULE OF GRILLES AND DIFFUSERS													
SYMBOL	MFR.	TYPE	PANEL SIZE	DIFFUSER SIZE	INLET DIMENSIONS	CFM	P.D. IN. W.G.	THROW FT.	SOUND LEVEL DBA	LEVEL NC	DIRECTION OF THROW	MOUNTING	REMARKS
S-2	ANEMOSTAT	PR	24X24	-----	8X8	220	0.05	13	-----	25	FIELD ADJ.	LAY-IN	*1
S-3	ANEMOSTAT	PR	24X24	-----	10X10	350	0.05	16	-----	30	FIELD ADJ.	LAY-IN	*1
S-4	ANEMOSTAT	PR	24X24	-----	12X12	500	0.05	19	-----	30	FIELD ADJ.	LAY-IN	*1
S-5	ANEMOSTAT	PR	24X24	-----	14X14	700	0.05	23	-----	30	FIELD ADJ.	LAY-IN	*1
S-6	ANEMOSTAT	HCR	24X24	-----	10"ROUND	400	0.11	*3	-----	32	1 WAY	LAY-IN	*9
S-7	ANEMOSTAT	PR	-----	12X12	8X6	125	0.05	10	-----	25	FIELD ADJ.	SURFACE	*1
S-													

- GENERAL NOTES: PLUMBING**
- A THE CONTRACTOR SHALL INSTALL FULL SIZE INDIRECT WASTES FROM EQUIPMENT REQUIRING SAME TO NEAREST FLOOR DRAIN, UNLESS OTHERWISE NOTED.
 - B LOCATIONS OF PIPING AND EQUIPMENT ARE APPROXIMATE AND SUBJECT TO MINOR ADJUSTMENT IN THE FIELD. DO NOT SCALE THE DRAWINGS.
 - C ALL OFFSETS IN PIPING ARE NOT NECESSARILY SHOWN. PROVIDE ADDITIONAL OFFSETS WHERE NECESSARY.
 - D COORDINATE WITH MECHANICAL AND ELECTRICAL CONTRACTORS TO AVOID INTERFERENCES WITH PIPING, DUCTS AND CONDUIT.
 - E INSTALL PIPING AND EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.
 - F SEAL AIRTIGHT AROUND ALL PIPING PENETRATIONS THROUGH WALLS, FLOOR AND ROOF.
 - G VERIFY EXACT LOCATIONS OF ALL PLUMBING ROUGH-INS WITH ARCHITECT.
 - H SLEEVES IN FLOORS SHALL EXTEND 2" ABOVE FINISHED FLOOR AND BE CALLED FOR WATER TIGHT INSTALLATION. SEE SPECIFICATIONS.
 - I SEE H.V.A.C. DRAWINGS FOR ADDITIONAL DETAILS APPLICABLE TO PLUMBING SYSTEM INSTALLATION.
 - J SET EQUIPMENT PRESSURE REGULATING VALVE OUTLET PRESSURE WHERE NOTED ON DRAWINGS AT EQUIPMENT MANUFACTURER'S REQUIREMENTS.
 - K SEE DRAWING 9.41 FOR FIXTURE ROUGH-INS IN SCHEDULE.
 - L ALL PIPING CONNECTIONS TO LABORATORY EQUIPMENT SHALL BE MADE IN ACCORDANCE WITH SHOP DRAWINGS.
 - M REFER TO ARCHITECTURAL LABORATORY EQUIPMENT DRAWINGS FOR THE EXACT LOCATION OF LABORATORY EQUIPMENT, CASEWORK AND SERVICES.
 - N PROVIDE STOPS OR SHUT-OFF VALVES ON WATER LINES AT EACH FIXTURE.

- CODED NOTES: DRAWING 9.10**
- 1 UP TO CLEANOUT
 - 2 6" SOIL LINE UP
 - 3 3" WASTE LINE UP
 - 4 4" UP TO AREAWAY DRAIN
 - 5 3" ACID WASTE LINE UP
 - 6 4" ACID WASTE LINE UP
 - 7 4" VENT LINE UP
 - 8 ELEVATOR SUMP PUMP - SEE DETAIL ON DRAWING 9.41.
 - 9 1-1/4" SUMP PUMP DISCHARGE LINE UP
 - 10 SEE SITE UTILITIES PLAN, DRAWING 2.01, FOR CONTINUATION
 - 11 REMOVE THIS SECTION OF EXISTING DRAIN TILE
 - 12 CONNECT TO EXISTING DRAIN TILE AT I.E. 977'-9"2 (FIELD VERIFY)
 - 13 EXISTING UPPER LEVEL PERIMETER DRAIN TILE TO REMAIN. I.E. 990'-6"2 (FIELD VERIFY)
 - 14 2" ACID WASTE LINE UP
 - 15 ACID WASTE PRIMARY NEUTRALIZING SUMP. SEE ACID WASTE DILUTION PIT DETAIL ON DRAWING 9.41.
 - 16 ACID WASTE SECONDARY NEUTRALIZING SUMP. SEE ACID WASTE DILUTION PIT DETAIL ON DRAWING 9.41.
 - 17 6" ACID WASTE VENT LINE UP
 - 18 8" ROOF LEADER UP
 - 19 4" WASTE LINE UP
 - 20 1/2" SOFT COPPER WATER LINES. NO JOINTS ALLOWED BELOW FLOOR SLAB.

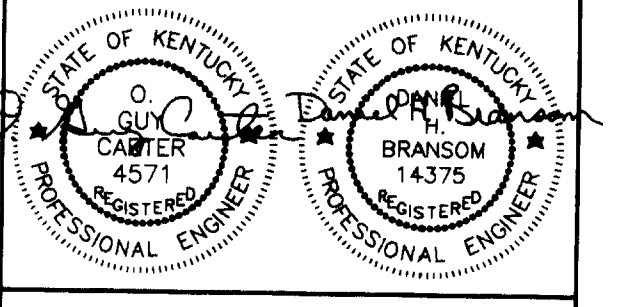


PLUMBING UNDERFLOOR PLAN
 SCALE: 1/8" = 1'-0"



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Revision	Date
Issue Date	DEC. 92
Drawing Title	

PLUMBING UNDERFLOOR PLAN

Drawn by	DWH
Checked by	DHB
Project No.	80240.01
Scale	1/8" = 1'-0"
Drawing No.	9.10

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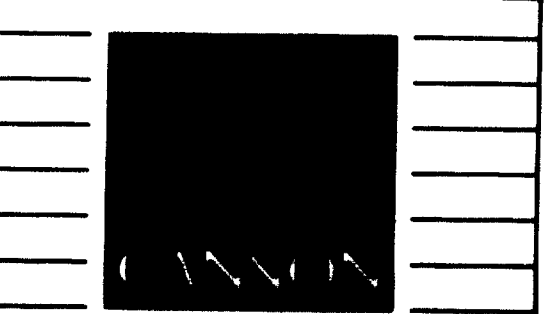
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dr. by	
ck. by	
revision	
drawing no.	

approved by **FINAL DOCUMENTS**

DRAWING: E:\UNIBAY\9-10_DWGSCALE= 30, DIMSCALE= 30, L1SCALE= 48, L2SCALE= 30, DIMSCALE= 30, 12/08/92 AT 13:43

Sheet 46 of 46 Document ID: 002766



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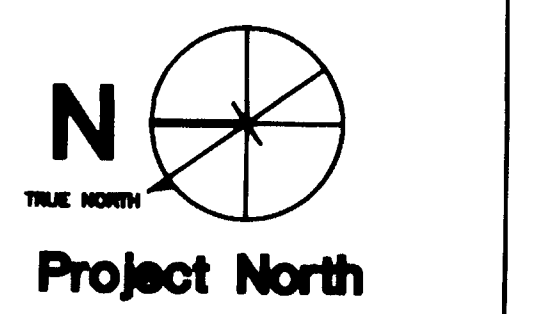
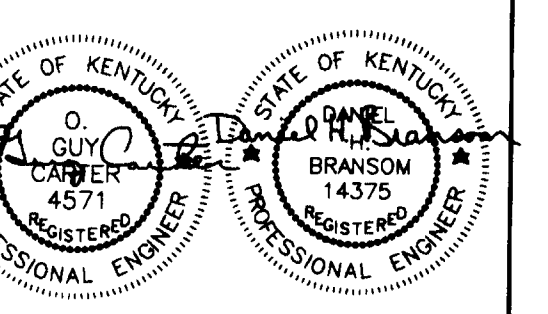
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PLUMBING PLAN - BASEMENT

RECORD DRAWINGS DATE AUGUST 1995

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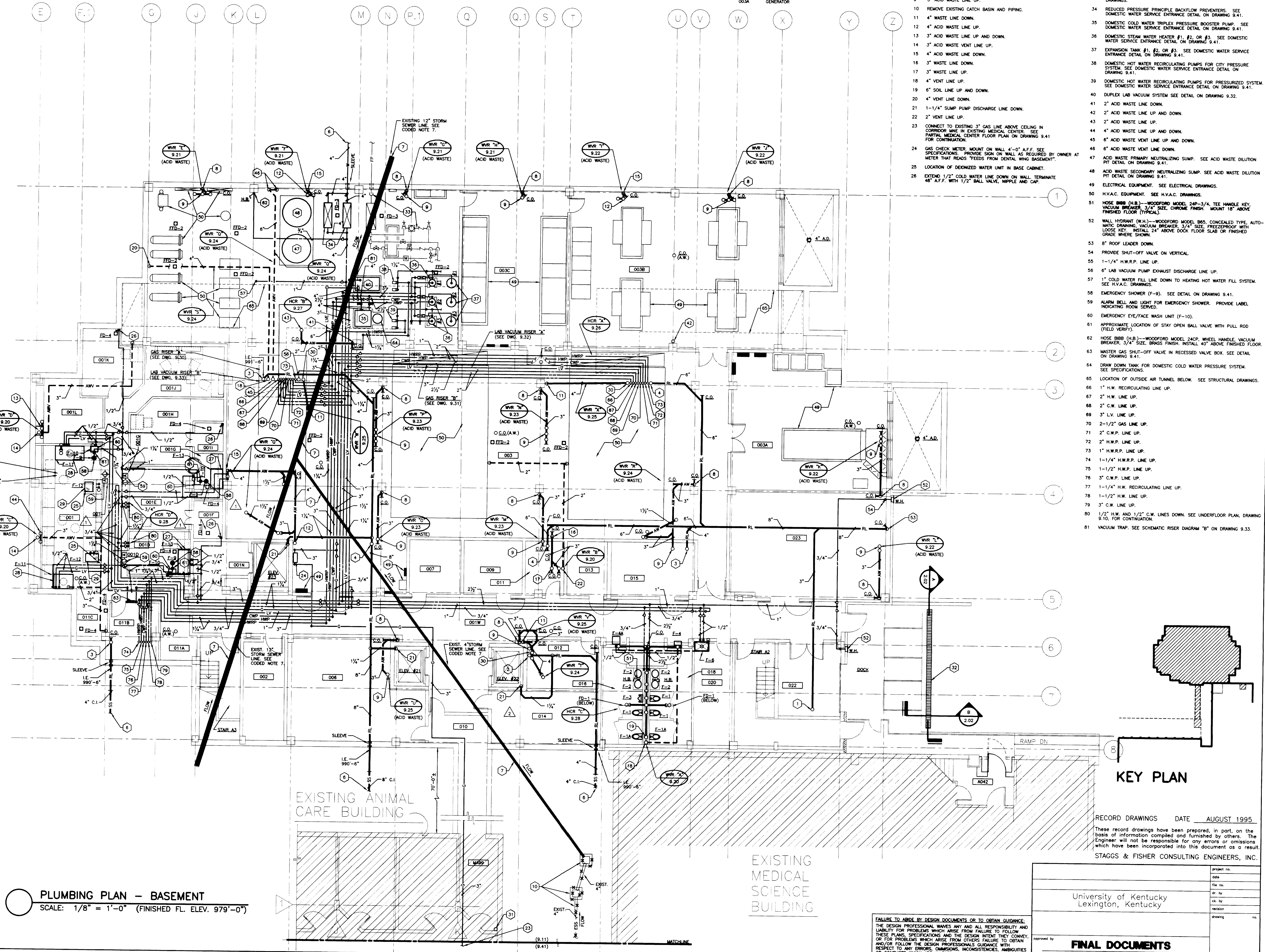
Drawn by	DWH
Checked by	DHB
Project No.	Scale
60240.01	1/8" = 1'-0"
Drawing No.	
	9.11

BASEMENT FLOOR

ROOM NO.	ROOM NAME	ROOM NO.	ROOM NAME
001	LAB	003B	ELECTRICAL VAULT
001A	SECRETARY OFFICE	003C	SWITCHGEAR
001B	OFFICE	006	ANIMAL CARE
001C	EQUIPMENT STORAGE	007	RECORDS/STORAGE
001D	DINING ROOM	009	STORAGE
001E	E.M. ROOM	010	CORRIDOR
001F	E.M. EQUIPMENT	011	ELECTRICAL SECURITY OFFICE
001G	DARK ROOM	012	RADIOACTIVE STORAGE
001H	E.M. ROOM	013	ELECTRICAL HOUSEKEEPING
001I	LABORATORY	014	COMMUNICATIONS
001J	SEMIPAR ROOM	018	WOMEN'S TOILET
001K	LABORATORY	019	HOUSEKEEPER
001L	LABORATORY	022	RELEASING STORAGE
001M	CART ACCESS	023	CORRIDOR
001N	CORRIDOR	025	MECHANICAL GENERATOR
002	SOLVENT STORAGE		
003	MECHANICAL GENERATOR		
003A			

- CODED NOTES: DRAWING 9.11**
- 3" R.L. UP TO 3" ROOF DRAIN.
 - 3" R.L. UP.
 - 4" R.L. UP.
 - 6" R.L. UP.
 - UP TO GRADE CLEANOUT.
 - SEE SITE UTILITIES PLAN, DRAWING U-1, FOR CONTINUATION.
 - REMOVE EXISTING STORM SEWER PIPING AND REROUTE AS INDICATED ON DRAWING 2.01.
 - 3" ACID WASTE LINE DOWN.
 - 3" ACID WASTE LINE UP.
 - REMOVE EXISTING CATCH BASIN AND PIPING.
 - 4" WASTE LINE DOWN.
 - 4" ACID WASTE LINE UP.
 - 3" ACID WASTE LINE UP AND DOWN.
 - 3" WASTE LINE UP.
 - 4" ACID WASTE LINE DOWN.
 - 3" WASTE LINE DOWN.
 - 3" WASTE LINE UP.
 - 4" VENT LINE UP.
 - 6" SOIL LINE UP AND DOWN.
 - 4" VENT LINE DOWN.
 - 1-1/4" SUMP PUMP DISCHARGE LINE DOWN.
 - 2" VENT LINE UP.
 - CONNECT TO EXISTING 3" GAS LINE ABOVE CEILING IN CORRIDOR IN EXISTING MEDICAL CENTER. SEE PARTIAL MEDICAL CENTER FLOOR PLAN ON DRAWING 9.41 FOR CONTINUATION.
 - GAS CHECK METER. MOUNT ON WALL 4'-0" A.F.F. SEE SPECIFICATIONS. PROVIDE SIGN ON WALL AS REQUIRED BY OWNER AT METER THAT READS "LEAKS FROM DENTAL WING BASEMENT".
 - LOCATION OF DEIONIZED WATER UNIT IN BASE CABINET.
 - EXTEND 1/2" COLD WATER LINE DOWN ON WALL. TERMINATE 48" A.F.F. WITH 1/2" BALL VALVE, NIPPLE AND CAP.

- DARKROOM DEVELOPING SINK (F-13) - PLUMBING CONNECTION REQUIRED: HOT WATER, COLD WATER AND ACID WASTE DRAIN.
- FUME HOOD (F-11) - PLUMBING CONNECTION REQUIRED: COLD WATER, GAS, LAB VACUUM AND ACID WASTE DRAIN.
- LABORATORY UNIT WITH SINK (F-12) - PLUMBING CONNECTIONS REQUIRED: HOT WATER, COLD WATER, DEIONIZED WATER, AND ACID WASTE DRAIN.
- 4" WASTE LINE UP.
- EXISTING 3" STANDPIPE TO REMAIN.
- TRENCH DRAIN. SEE DETAILS ON DRAWING 2.05.
- FIRE PROTECTION PIPING AND EQUIPMENT. SEE FIRE PROTECTION DRAWINGS.
- REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTERS. SEE DOMESTIC WATER SERVICE ENTRANCE DETAIL ON DRAWING 9.41.
- DOMESTIC COLD WATER TRIPLEX PRESSURE BOOSTER PUMP. SEE DOMESTIC WATER SERVICE ENTRANCE DETAIL ON DRAWING 9.41.
- DOMESTIC STEAM WATER HEATER #1, #2, OR #3. SEE DOMESTIC WATER SERVICE ENTRANCE DETAIL ON DRAWING 9.41.
- EXPANSION TANK #1, #2, OR #3. SEE DOMESTIC WATER SERVICE ENTRANCE DETAIL ON DRAWING 9.41.
- DOMESTIC HOT WATER RECIRCULATING PUMPS FOR CITY PRESSURE SYSTEM. SEE DOMESTIC WATER SERVICE ENTRANCE DETAIL ON DRAWING 9.41.
- DOMESTIC HOT WATER RECIRCULATING PUMPS FOR PRESSURIZED SYSTEM. SEE DOMESTIC WATER SERVICE ENTRANCE DETAIL ON DRAWING 9.41.
- DUPLEX LAB VACUUM SYSTEM SEE DETAIL ON DRAWING 9.32.
- 2" ACID WASTE LINE DOWN.
- 2" ACID WASTE LINE UP AND DOWN.
- 2" ACID WASTE LINE UP.
- 4" ACID WASTE LINE UP AND DOWN.
- 6" ACID WASTE VENT LINE UP AND DOWN.
- 6" ACID WASTE VENT LINE DOWN.
- ACID WASTE PRIMARY NEUTRALIZING SUMP. SEE ACID WASTE DILUTION PIT DETAIL ON DRAWING 9.41.
- ACID WASTE SECONDARY NEUTRALIZING SUMP. SEE ACID WASTE DILUTION PIT DETAIL ON DRAWING 9.41.
- ELECTRICAL EQUIPMENT. SEE ELECTRICAL DRAWINGS.
- H.V.A.C. EQUIPMENT. SEE H.V.A.C. DRAWINGS.
- HOSE BIBB (H.B.) - WOODFORD MODEL 24P-3/4. TEE HANDLE KEY. VACUUM BREAKER, 3/4" SIZE. CHROME FINISH. MOUNT 18" ABOVE FINISHED FLOOR (TYPICAL).
- WALL HYDRANT (W.H.) - WOODFORD MODEL 865. CONCEALED TYPE. AUTOMATIC DRINKING. VACUUM BREAKER, 3/4" SIZE. FREEZEPROOF WITH LOOSE KEY. INSTALL 24" ABOVE DOCK FLOOR SLAB OR FINISHED GRADE WHERE SHOWN.
- 8" ROOF LEADER DOWN.
- PROVIDE SHUT-OFF VALVE ON VERTICAL.
- 1-1/4" H.W.R.P. LINE UP.
- 6" LAB VACUUM PUMP EXHAUST DISCHARGE LINE UP.
- 1" COLD WATER FILL LINE DOWN TO HEATING HOT WATER FILL SYSTEM. SEE H.V.A.C. DRAWINGS.
- EMERGENCY SHOWER (F-9). SEE DETAIL ON DRAWING 9.41.
- ALARM BELL AND LIGHT FOR EMERGENCY SHOWER. PROVIDE LABEL INDICATING ROOM SERVED.
- EMERGENCY EYE/FACE WASH UNIT (F-10).
- APPROXIMATE LOCATION OF STAY OPEN BALL VALVE WITH PULL ROD (FIELD VERIFY).
- HOSE BIBB (H.B.) - WOODFORD MODEL 24CP. WHEEL HANDLE. VACUUM BREAKER, 3/4" SIZE. BRASS FINISH. INSTALL 40" ABOVE FINISHED FLOOR.
- MASTER GAS SHUT-OFF VALVE IN RECESSED VALVE BOX. SEE DETAIL ON DRAWING 9.41.
- DRAW DOWN TANK FOR DOMESTIC COLD WATER PRESSURE SYSTEM. SEE SPECIFICATIONS.
- LOCATION OF OUTSIDE AIR TUNNEL BELOW. SEE STRUCTURAL DRAWINGS.
- 1" H.W. RECIRCULATING LINE UP.
- 2" H.W. LINE UP.
- 2" C.W. LINE UP.
- 3" L.V. LINE UP.
- 2-1/2" GAS LINE UP.
- 2" C.W.P. LINE UP.
- 2" H.W.P. LINE UP.
- 1" H.W.R.P. LINE UP.
- 1-1/4" H.W.R.P. LINE UP.
- 1-1/2" H.W.P. LINE UP.
- 3" C.W.P. LINE UP.
- 1-1/4" H.W. RECIRCULATING LINE UP.
- 1-1/2" H.W. LINE UP.
- 3" C.W. LINE UP.
- 1/2" H.W. AND 1/2" C.W. LINES DOWN. SEE UNDERFLOOR PLAN, DRAWING 9.10, FOR CONTINUATION.
- VACUUM TRAP. SEE SCHEMATIC RISER DIAGRAM "B" ON DRAWING 9.33.



PLUMBING PLAN - BASEMENT
 SCALE: 1/8" = 1'-0" (FINISHED FL. ELEV. 979'-0")

EXISTING ANIMAL CARE BUILDING

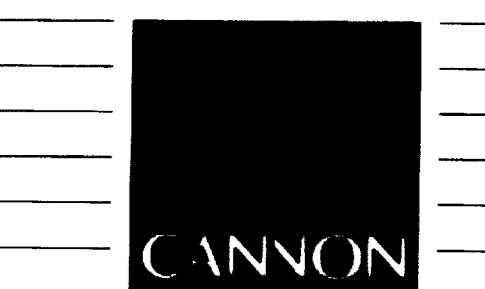
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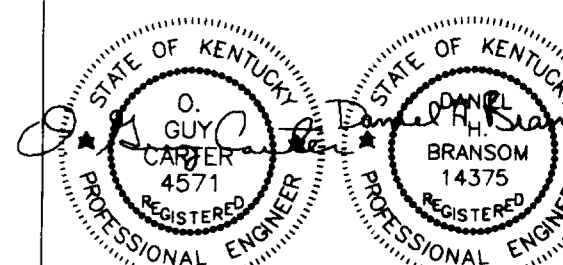
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Revision	Date
Issue Date	DEC. 92
Drawing Title	

PLUMBING PLAN - FIRST FLOOR

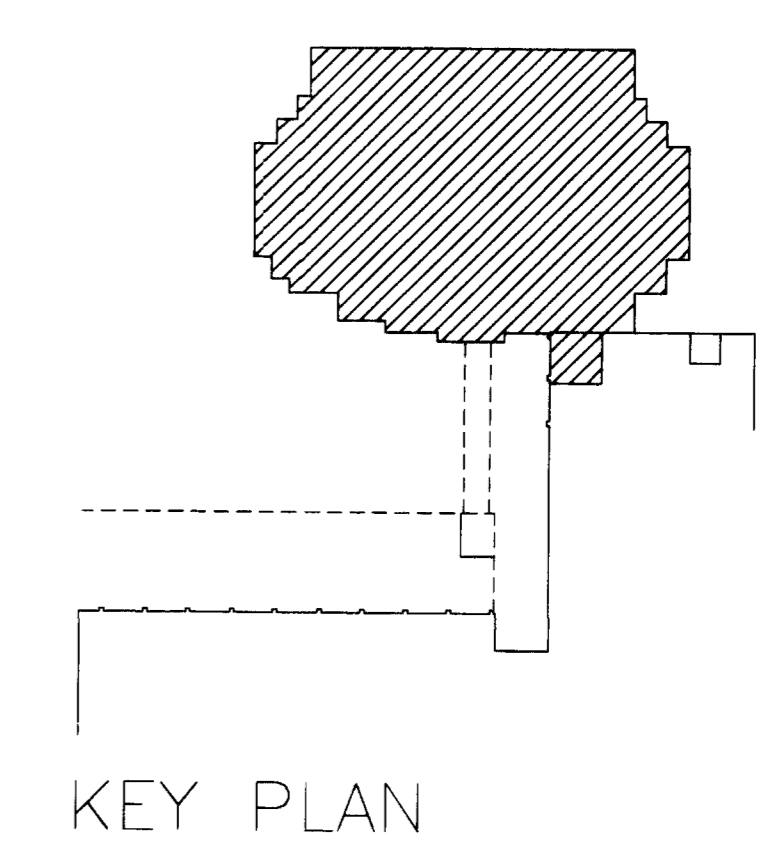
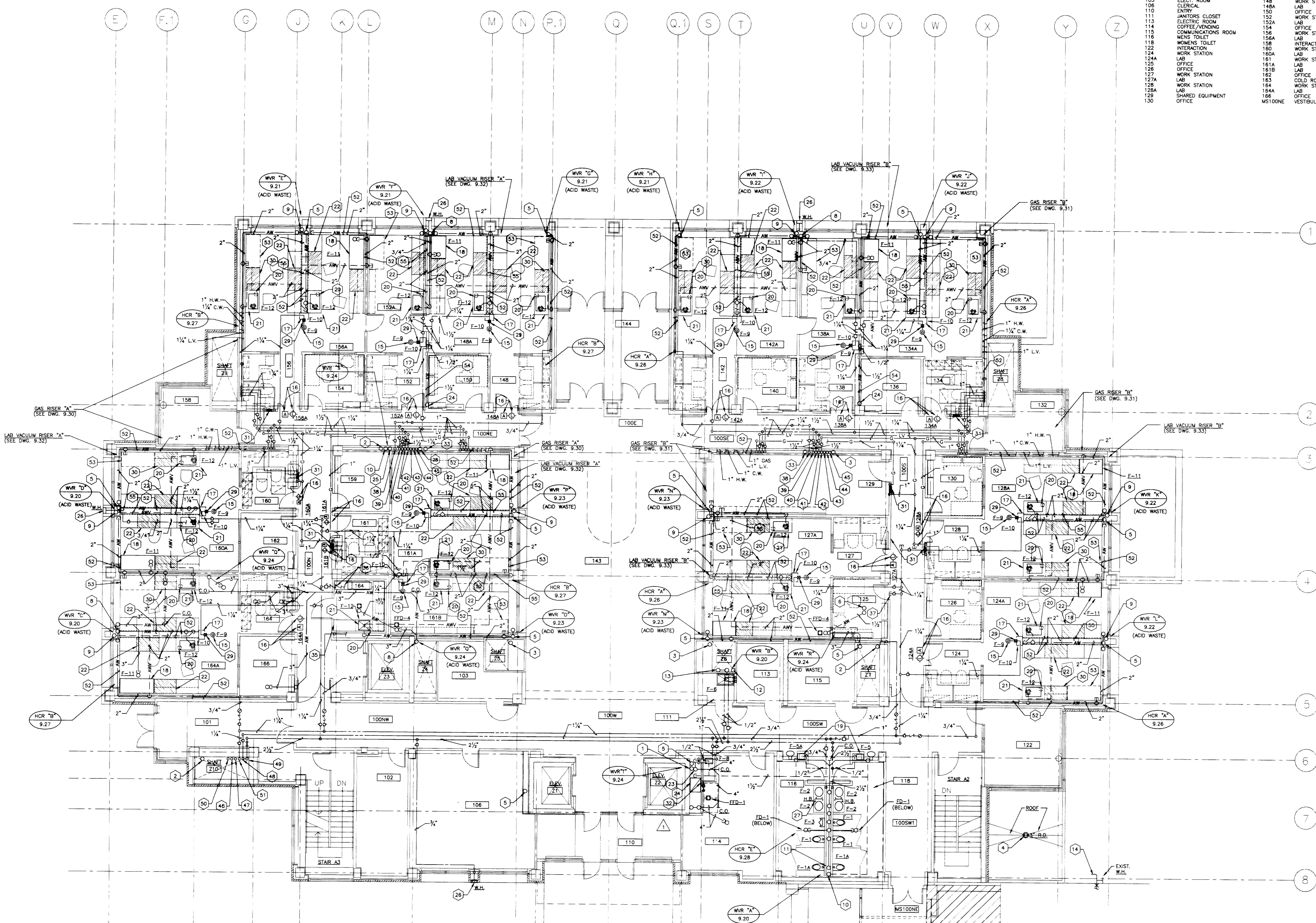
Drawn by
DWH
Checked by
DHB
Project No. Scale
80240.01 1/8" = 1'-0"
Drawing No.
9.12

FIRST FLOOR

ROOM NO.	ROOM NAME	ROOM NO.	ROOM NAME
100E	CORRIDOR	132	INTERACTION
100N	CORRIDOR	134	WORK STATION
100NE	CORRIDOR	134A	LAB
100NW	CORRIDOR	136	OFFICE
100SE	CORRIDOR	138	WORK STATION
100SW	CORRIDOR	138A	LAB
100SW1	CORRIDOR	140	OFFICE
100W	CORRIDOR	142	WORK STATION
101	VESTIBULE	142A	LAB
102	JANITORS EQUIPMENT	143	ATRIUM
103	ELECT. ROOM	144	VESTIBULE
106	CLERICAL	148	WORK STATION
110	ENTRY	150	OFFICE
111	JANITORS CLOSET	152	WORK STATION
113	ELECTRIC ROOM	152A	LAB
114	COFFEE/VENDING	154	WORK STATION
116	COMMUNICATIONS ROOM	156	LAB
118	MENS TOILET	156A	LAB
122	INTERACTION	158	WORK STATION
124	WORK STATION	160A	LAB
124A	LAB	161	WORK STATION
125	OFFICE	161A	LAB
126	OFFICE	161B	LAB
127	WORK STATION	162	OFFICE
127A	LAB	163	COLD ROOM
128	WORK STATION	164	WORK STATION
128A	LAB	164A	LAB
129	LAB	166	OFFICE
130	OFFICE	MS100E	VESTIBULE

CODED NOTES, DRAWING 9.12

- 3" R.L. UP AND DOWN.
- 4" R.L. UP AND DOWN.
- 6" R.L. UP AND DOWN.
- ROOF DRAIN, SIZE AS INDICATED. SEE DETAIL ON ARCHITECTURAL DRAWING 4.12.
- 3" ACID WASTE LINE UP AND DOWN.
- STUB 1-1/2" ACID WASTE LINE 2" ABOVE DEPRESSED FLOOR SLAB IN LIGHTWEIGHT FILL FOR FUTURE COLD ROOM FLOOR DRAIN AND CAP.
- PROVIDE CAPPED 1-1/2" ACID WASTE LINE FOR FUTURE SINK.
- 4" ACID WASTE LINE UP AND DOWN.
- 3" ACID WASTE VENT LINE UP AND DOWN.
- 4" VENT LINE UP AND DOWN.
- 6" SOIL LINE UP AND DOWN.
- 1-1/2" VENT LINE UP AND DOWN.
- 3" WASTE LINE UP AND DOWN.
- REMOVE EXISTING WALL HYDRANT, CAP COLD WATER LINE BACK IN EXISTING CHASE.
- EMERGENCY SHOWER (F-9). SEE DETAIL ON DRAWING 9.41.
- ALARM BELL AND LIGHT FOR EMERGENCY SHOWER, PROVIDE LABEL INDICATING ROOM SERVED.
- EMERGENCY EYE/WASH UNIT (F-10).
- FLUME HOOD (F-11)--PLUMBING CONNECTIONS REQUIRED: COLD WATER, GAS, LAB VACUUM AND ACID WASTE DRAIN.
- REMOTE CHILLER FOR F-5 OR F-5A MOUNT ON FLOOR IN CHASE. PROVIDE ANEMOSTAT MODEL HOOD 12"W. X 24"H. MIN. ALUMINUM GRILLS FOR ACCESS AND REMOVAL OF CHILLER.
- LOCATION OF DEIONIZED WATER UNIT IN BASE CABINET.
- LABORATORY UNIT WITH SINK (F-12)--PLUMBING CONNECTIONS REQUIRED: HOT WATER, COLD WATER, DEIONIZED WATER AND ACID WASTE DRAIN.
- LABORATORY UNIT WITH SERVICE OUTLETS--PLUMBING CONNECTIONS REQUIRED: GAS AND LAB VACUUM.
- 4" WASTE LINE UP AND DOWN.
- 2" ACID WASTE LINE UP AND DOWN.
- 6" ACID WASTE VENT LINE UP AND DOWN.
- WALL HYDRANT (H.W.)--WOODFORD MODEL 885, CONCEALED TYPE, AUTOMATIC DRAINING, VACUUM BREAKER, 3/4" SIZE, FREEZEPROOF WITH LOOSE KEY. INSTALL 24" ABOVE FINISHED GRADE.
- HOSE BIBB (H.B.)--WOODFORD MODEL 24P-3/4" TEE KEY HANDLE, VACUUM BREAKER, 3/4" SIZE, CHROME FINISH, MOUNT 18" ABOVE FINISHED FLOOR TYPICAL.
- 6" LAB VACUUM PUMP EXHAUST DISCHARGE LINE UP AND DOWN.
- APPROXIMATE LOCATION OF STAY ORN BALL VALVE WITH PULL ROD (FIELD VERIFY).
- LABORATORY UNIT WITH SERVICE OUTLET--PLUMBING CONNECTION REQUIRED: LAB VACUUM.
- MASTER GAS SHUT-OFF VALVE IN RECESSED VALVE BOX. SEE DETAIL ON DRAWING 9.41.
- EXTEND 1/2" COLD WATER LINE IN CHASE, TURN OUT OF CHASE 48" A.F.F. PROVIDE BALL VALVE, NIPPLE AND CAP.
- 4" WASTE LINE UP AND DOWN.
- EXHAUST AIR DUCT. SEE H.V.A.C. DRAWINGS. ADJUST PIPING AS REQUIRED.
- COLD ROOM UNIT--PLUMBING CONNECTIONS REQUIRED: COLD WATER AND WASTE DRAIN. SEE ENLARGED COLD ROOM PLAN ON DRAWING 9.40.
- 1/2" COLD WATER LINE TO CONDENSING UNIT ON TOP OF COLD ROOM UNIT. SEE ENLARGED COLD ROOM PLAN ON DRAWING 9.40. PROVIDE A WATTS NO. 7-1/2-2 BACKFLOW PREVENTER IN COLD WATER SUPPLY LINE.
- PROVIDE 1/2" BALL VALVE, NIPPLE AND CAP FOR FUTURE COLD ROOM UNIT.
- 3/4" H.W. RECIRCULATING LINE UP AND 1" H.W. RECIRCULATING LINE DOWN.
- 1-1/2" H.W. LINE UP AND 2" H.W. LINE DOWN.
- 1-1/2" C.W. LINE UP AND 2" C.W. LINE DOWN.
- 2-1/2" LAB VACUUM LINE UP AND 3" LAB VACUUM LINE DOWN.
- 2-1/2" GAS LINE UP AND DOWN.
- 2" C.W.P. LINE UP AND DOWN.
- 2" H.W.P. LINE UP AND DOWN.
- 1" H.W.R.P. LINE UP AND DOWN.
- 1-1/2" H.W.P. LINE UP AND DOWN.
- 3" C.W.P. LINE UP AND DOWN.
- 1-1/4" H.W. LINE UP AND 1-1/2" H.W. LINE DOWN.
- 2-1/2" C.W. LINE UP AND 3" C.W. LINE DOWN.
- 1-1/4" H.W.R.P. LINE UP AND DOWN.
- 1-1/4" H.W. RECIRCULATING LINE UP AND DOWN.
- 5" PIPING IN PIPE CHASE.
- 5" FUTURE HOOD. SEE ENLARGED PLANS ON DRAWING 9.40.
- 5" PIPING IN WALL NEAR FLOOR.
- 5" PIPING ABOVE CEILING.



EXISTING MEDICAL SCIENCE BUILDING

PLUMBING PLAN - FIRST FLOOR
SCALE: 1/8" = 1'-0" (FINISHED FL. ELEV. 994'-0")
REFER TO DRAWING 9.40 FOR ENLARGED LAB PLANS.

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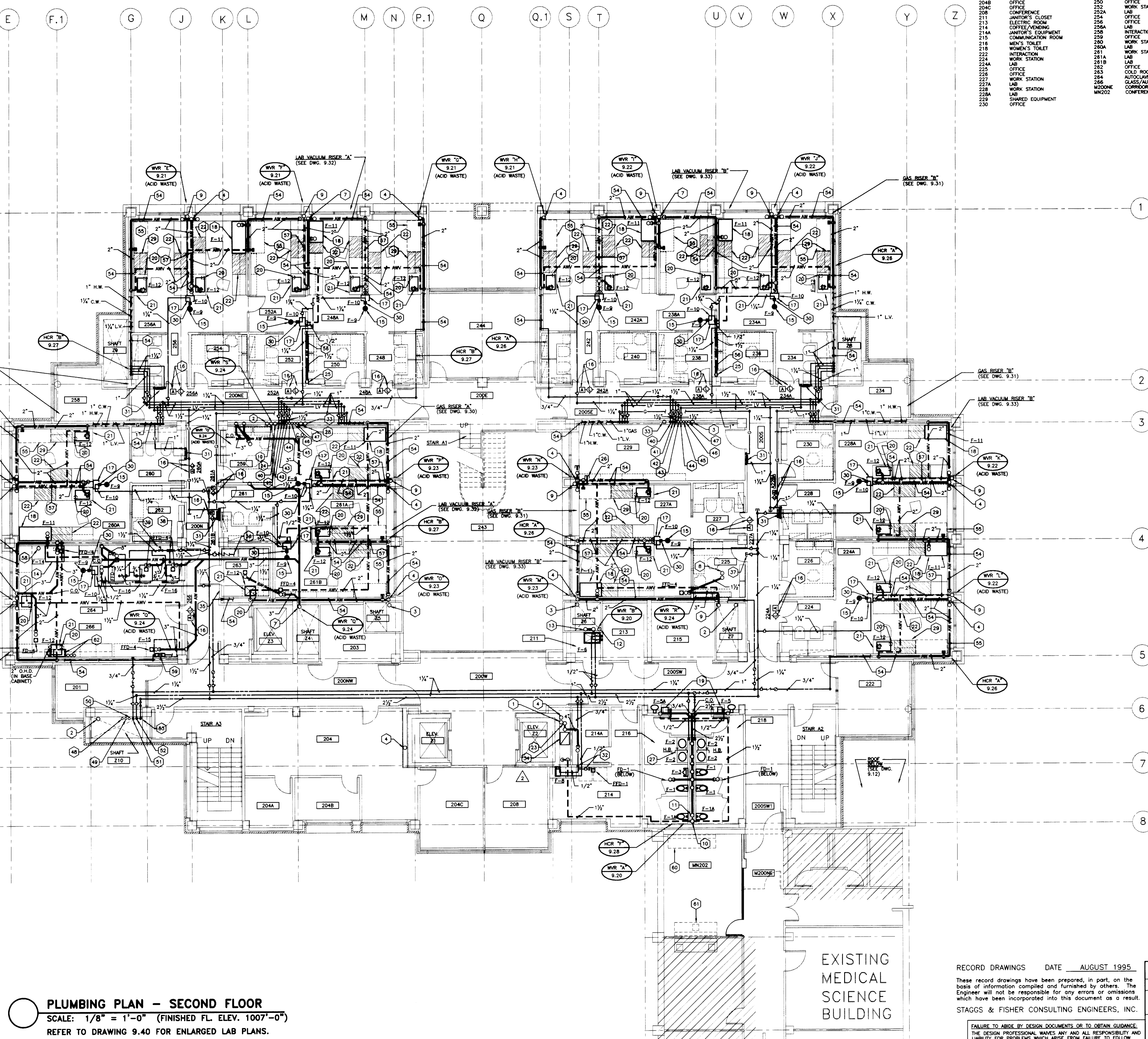
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date	
file no.	
dr. by	
ck. by	
revision	
drawing	

approved by **FINAL DOCUMENTS**
director - design and construction division

ROOM NO.	ROOM NAME	ROOM NO.	ROOM NAME
200E	CORRIDOR	232	INTERACTION
200N	CORRIDOR	234	OFFICE
200NW	CORRIDOR	234A	LAB
200SW	CORRIDOR	236	OFFICE
200S	CORRIDOR	238	WORK STATION
200SE	CORRIDOR	238A	LAB
200SW1	CORRIDOR	240	LAB
200W	CORRIDOR	242	WORK STATION
201	CORRIDOR	242A	LAB
203	INTERACTION	243	LAB
204	ELECTRIC ROOM	244	RESEARCH MEETING
204A	OPEN OFFICE AREA	244A	LAB
204B	CONFERENCE	244B	LAB
204C	OFFICE	244C	LAB
204D	CONFERENCE	244D	LAB
211	JANITOR'S CLOSET	254	OFFICE
212	ELECTRIC ROOM	256	LAB
214	COFFEE VENDING	258A	LAB
214A	JANITOR'S EQUIPMENT	258	INTERACTION
215	COMMUNICATION ROOM	259	OFFICE
216	MEN'S TOILET	260A	LAB
218	WOMEN'S TOILET	261	WORK STATION
222	INTERACTION	261A	LAB
224	LAB	261B	LAB
224A	LAB	261C	LAB
225	OFFICE	262	LAB
226	OFFICE	263	COLD ROOM
227	WORK STATION	264	AUTOClave
227A	LAB	266	GLASS/AUTOClave
228	WORK STATION	MN200	CORRIDOR
228A	LAB		
229	SHARED EQUIPMENT		
230	OFFICE		

- CODED NOTES: DRAWING 9.13
- 3" ROOF LEADER UP AND DOWN.
 - 4" ROOF LEADER UP AND DOWN.
 - 6" ROOF LEADER UP AND DOWN.
 - 3" ACID WASTE LINE UP AND DOWN.
 - PROVIDE CAPPED 1-1/2" ACID WASTE LINE FOR FUTURE SINK.
 - 3" ACID WASTE VENT LINE UP.
 - 4" ACID WASTE LINE UP AND DOWN.
 - STUB 1-1/2" ACID WASTE LINE 2" ABOVE DEPRESSED FLOOR SLAB IN LIGHTWEIGHT FILL FOR FUTURE COLD ROOM FLOOR DRAIN AND CAP.
 - 3" ACID WASTE VENT LINE UP AND DOWN.
 - 4" VENT LINE UP AND DOWN.
 - 6" SOIL LINE UP AND DOWN.
 - 1-1/2" VENT LINE UP AND DOWN.
 - 3" WASTE LINE UP AND DOWN.
 - GLASSWARE WASHER (F-14)—PLUMBING CONNECTIONS REQUIRED: HOT WATER (120°F), DEIONIZED WATER AND WASTE DRAIN.
 - EMERGENCY SHOWER (F-9). SEE DETAIL ON DRAWING 9.41.
 - ALARM BELL AND LIGHT FOR EMERGENCY SHOWER. PROVIDE LABEL INDICATING ROOM SERVED.
 - EMERGENCY EYE/FACE WASH UNIT (F-10).
 - FUME HOOD (F-11)—PLUMBING CONNECTIONS REQUIRED: COLD WATER, GAS, LAB VACUUM AND ACID WASTE DRAIN.
 - REMOTE CHILLER FOR F-5 OR F-5A. MOUNT ON FLOOR IN CHASE. PROVIDE ANEMOSTAT MODEL HOOD 12" W. X 24" H. MIN. ALUMINUM GRILLE FOR ACCESS AND REMOVAL OF CHILLER.
 - LOCATION OF DEIONIZED WATER UNIT IN BASE CABINET.
 - LABORATORY UNIT WITH SINK (F-12)—PLUMBING CONNECTIONS REQUIRED: HOT WATER, COLD WATER, DEIONIZED WATER AND ACID WASTE DRAIN.
 - LABORATORY UNIT WITH SERVICE OUTLETS—PLUMBING CONNECTIONS REQUIRED: GAS AND LAB VACUUM.
 - 4" WASTE LINE UP AND DOWN.
 - 6" ACID WASTE VENT LINE UP AND DOWN.
 - 2" ACID WASTE LINE UP AND DOWN.
 - PROVIDE CAPPED 2" ACID WASTE VENT LINE ABOVE CEILING FOR FUTURE USE.
 - HOSE BIBS (H.B.)—WOODPORT MODEL 24P-3/4. TEE KEY HANDLE. VACUUM BREAKER 3/4" SIZE, CHROME FINISH. MOUNT 18" ABOVE FINISHED FLOOR (TYPICAL).
 - LAB VACUUM PUMP EXHAUST DISCHARGE LINE UP AND DOWN.
 - LABORATORY UNIT WITH SERVICE OUTLET—PLUMBING CONNECTIONS REQUIRED: LAB VACUUM.
 - APPROXIMATE LOCATION OF STAY OPEN BALL VALVE WITH PULL ROD (FIELD VERIFY).
 - MASTER GAS SHUT-OFF VALVE IN RECESSED VALVE BOX. SEE DETAIL ON DRAWING 9.41.
 - EXTEND 1/2" C.W. LINE DOWN IN WALL. TURN OUT OF WALL 48" A.P.F., PROVIDE BALL VALVE, NIPPLE AND CAP.
 - 4" WASTE LINE DOWN.
 - EXHAUST AIR DUCT. SEE H.V.A.C. DRAWINGS. ADJUST PIPING AS REQUIRED.
 - COLD ROOM UNIT—PLUMBING CONNECTIONS REQUIRED: COLD WATER AND WASTE DRAINS. SEE ENLARGED COLD ROOM PLAN ON DRAWING 9.40.
 - 1/2" COLD WATER LINE TO CONDENSING UNIT ON TOP OF COLD ROOM UNIT. SEE ENLARGED COLD ROOM PLAN ON DRAWING 9.40. PROVIDE A WATER-LOG 7-1/2-2 BACKFLOW PREVENTER IN COLD WATER SUPPLY LINE.
 - PROVIDE 1/2" BALL VALVE, NIPPLE AND CAP FOR FUTURE COLD ROOM UNIT.
 - 1-1/2" REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER. PIPE DRAIN LINE FULL SIZE TO FLOOR DRAIN.
 - 1-1/4" PRESSURE REDUCING VALVE. SET OUTLET PRESSURE AT EQUIPMENT MANUFACTURERS REQUIREMENT.
 - 3/4" H.W. RECIRCULATING LINE DOWN.
 - 1-1/2" H.W. LINE DOWN.
 - 1-1/2" C.W. LINE DOWN.
 - 2" L.V. LINE UP AND 2-1/2" L.V. LINE DOWN.
 - 2" GAS LINE UP AND 2-1/2" GAS LINE DOWN.
 - 2" CMP LINE UP AND DOWN.
 - 2" HWP LINE UP AND DOWN.
 - 1" HWP LINE UP AND DOWN.
 - 1-1/4" HWP LINE UP AND DOWN.
 - 1-1/2" HWP LINE UP AND DOWN.
 - 3" CMP LINE UP AND DOWN.
 - 1-1/4" H.W. RECIRCULATING LINE DOWN.
 - 1-1/4" H.W. LINE DOWN.
 - 2-1/2" C.W. LINE DOWN.
 - PIPING IN PIPE CHASE.
 - FUTURE HOOD. SEE ENLARGED PLANS ON DRAWING 9.40.
 - PIPING IN WALL NEAR FLOOR.
 - PIPING ABOVE CEILING.
 - DEIONIZED WATER UNIT — CULLIGAN MODEL NO. D-45P WITH QUICK CONNECT FITTINGS. FOR GLASSWARE WASHER (F-14). MOUNT ON WALL ABOVE COUNTERTOP.
 - VALVING, WATER FILTER AND PIPING FOR ICE MACHINE (F-15). SEE WATER RISER DIAGRAM "B" ON DRAWING 9.27.
 - REMOVE EXISTING GAS, AIR AND VACUUM OUTLETS AND PIPING. CAP PIPING BACK AT MAINS IN FIRST FLOOR CEILING SPACE BELOW.
 - REMOVE EXISTING SINK, ACID WASTE, ACID WASTE VENT IF REQUIRED. WATER PIPING, GAS, AIR AND VACUUM OUTLETS AND PIPING. CAP PIPING BACK AT MAINS AS REQUIRED.
 - CULLIGAN AQUA-SUMA II MODEL NO. 32 TYPE 1 REAGENT WATER SYSTEM. 200 GALLONS PER DAY. OR EQUAL. PROVIDE THREE CARTRIDGE FILTERS (2 PARTICULATE & 1 CARBON). MOUNT FILTERS ON WALL.



PLUMBING PLAN - SECOND FLOOR
 SCALE: 1/8" = 1'-0" (FINISHED FL. ELEV. 1007'-0")
 REFER TO DRAWING 9.40 FOR ENLARGED LAB PLANS.

RECORD DRAWINGS DATE AUGUST 1995
 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.

project no.	
date	
file no.	
sk. by	
ck. by	
revision	
drawing	

approved by **FINAL DOCUMENTS**

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STATE OF KENTUCKY
 PROFESSIONAL ENGINEER
 STATE OF KENTUCKY
 PROFESSIONAL ENGINEER

Project North

RELOCATED RISERS	10/27/93
ADDED REVERSE OSMOSIS UNIT	1-5-93
Revision	Date
Issue Date	DEC. 92
Drawing Title	

PLUMBING PLAN - SECOND FLOOR

Drawn by **DWH**

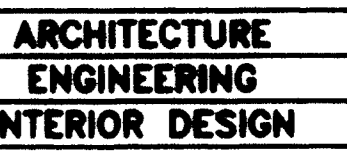
Checked by **DHB**

Project No. **90240.01** Scale **1/8" = 1'-0"**

Drawing No. **9.13**

THIRD FLOOR

ROOM NO.	ROOM NAME	ROOM NO.	ROOM NAME
300E	CORRIDOR	334A	LAB
300F	CORRIDOR	334B	LAB
300G	CORRIDOR	338A	WORK STATION
300H	CORRIDOR	340	OFFICE
300I	CORRIDOR	342	WORK STATION
300J	CORRIDOR	342A	LAB
300K	CORRIDOR	343	LAB
300L	CORRIDOR	344	OFFICE
300M	CORRIDOR	344A	WORK STATION
300N	CORRIDOR	344B	LAB
300O	CORRIDOR	345	WORK STATION
300P	CORRIDOR	345A	LAB
300Q	CORRIDOR	345B	LAB
300R	CORRIDOR	346	WORK STATION
300S	CORRIDOR	346A	LAB
300T	CORRIDOR	346B	LAB
300U	CORRIDOR	347	WORK STATION
300V	CORRIDOR	347A	LAB
300W	CORRIDOR	347B	LAB
300X	CORRIDOR	348	WORK STATION
300Y	CORRIDOR	348A	LAB
300Z	CORRIDOR	348B	LAB
300AA	CORRIDOR	349	WORK STATION
300AB	CORRIDOR	349A	LAB
300AC	CORRIDOR	349B	LAB
300AD	CORRIDOR	350	WORK STATION
300AE	CORRIDOR	350A	LAB
300AF	CORRIDOR	350B	LAB
300AG	CORRIDOR	351	WORK STATION
300AH	CORRIDOR	351A	LAB
300AI	CORRIDOR	351B	LAB
300AJ	CORRIDOR	352	WORK STATION
300AK	CORRIDOR	352A	LAB
300AL	CORRIDOR	352B	LAB
300AM	CORRIDOR	353	WORK STATION
300AN	CORRIDOR	353A	LAB
300AO	CORRIDOR	353B	LAB
300AP	CORRIDOR	354	WORK STATION
300AQ	CORRIDOR	354A	LAB
300AR	CORRIDOR	354B	LAB
300AS	CORRIDOR	355	WORK STATION
300AT	CORRIDOR	355A	LAB
300AU	CORRIDOR	355B	LAB
300AV	CORRIDOR	356	WORK STATION
300AW	CORRIDOR	356A	LAB
300AX	CORRIDOR	356B	LAB
300AY	CORRIDOR	357	WORK STATION
300AZ	CORRIDOR	357A	LAB
300BA	CORRIDOR	357B	LAB
300BB	CORRIDOR	358	WORK STATION
300BC	CORRIDOR	358A	LAB
300BD	CORRIDOR	358B	LAB
300BE	CORRIDOR	359	WORK STATION
300BF	CORRIDOR	359A	LAB
300BG	CORRIDOR	359B	LAB
300BH	CORRIDOR	360	WORK STATION
300BI	CORRIDOR	360A	LAB
300BJ	CORRIDOR	360B	LAB
300BK	CORRIDOR	361	WORK STATION
300BL	CORRIDOR	361A	LAB
300BM	CORRIDOR	361B	LAB
300BN	CORRIDOR	362	WORK STATION
300BO	CORRIDOR	362A	LAB
300BP	CORRIDOR	362B	LAB
300BQ	CORRIDOR	363	WORK STATION
300BR	CORRIDOR	363A	LAB
300BS	CORRIDOR	363B	LAB
300BT	CORRIDOR	364	WORK STATION
300BU	CORRIDOR	364A	LAB
300BV	CORRIDOR	364B	LAB
300BW	CORRIDOR	365	WORK STATION
300BX	CORRIDOR	365A	LAB
300BY	CORRIDOR	365B	LAB
300BZ	CORRIDOR	366	WORK STATION
300CA	CORRIDOR	366A	LAB
300CB	CORRIDOR	366B	LAB
300CC	CORRIDOR	367	WORK STATION
300CD	CORRIDOR	367A	LAB
300CE	CORRIDOR	367B	LAB
300CF	CORRIDOR	368	WORK STATION
300CG	CORRIDOR	368A	LAB
300CH	CORRIDOR	368B	LAB
300CI	CORRIDOR	369	WORK STATION
300CJ	CORRIDOR	369A	LAB
300CK	CORRIDOR	369B	LAB
300CL	CORRIDOR	370	WORK STATION
300CM	CORRIDOR	370A	LAB
300CN	CORRIDOR	370B	LAB
300CO	CORRIDOR	371	WORK STATION
300CP	CORRIDOR	371A	LAB
300CQ	CORRIDOR	371B	LAB
300CR	CORRIDOR	372	WORK STATION
300CS	CORRIDOR	372A	LAB
300CT	CORRIDOR	372B	LAB
300CU	CORRIDOR	373	WORK STATION
300CV	CORRIDOR	373A	LAB
300CW	CORRIDOR	373B	LAB
300CX	CORRIDOR	374	WORK STATION
300CY	CORRIDOR	374A	LAB
300CZ	CORRIDOR	374B	LAB
300DA	CORRIDOR	375	WORK STATION
300DB	CORRIDOR	375A	LAB
300DC	CORRIDOR	375B	LAB
300DD	CORRIDOR	376	WORK STATION
300DE	CORRIDOR	376A	LAB
300DF	CORRIDOR	376B	LAB
300DG	CORRIDOR	377	WORK STATION
300DH	CORRIDOR	377A	LAB
300DI	CORRIDOR	377B	LAB
300DJ	CORRIDOR	378	WORK STATION
300DK	CORRIDOR	378A	LAB
300DL	CORRIDOR	378B	LAB
300DM	CORRIDOR	379	WORK STATION
300DN	CORRIDOR	379A	LAB
300DO	CORRIDOR	379B	LAB
300DP	CORRIDOR	380	WORK STATION
300DQ	CORRIDOR	380A	LAB
300DR	CORRIDOR	380B	LAB
300DS	CORRIDOR	381	WORK STATION
300DT	CORRIDOR	381A	LAB
300DU	CORRIDOR	381B	LAB
300DV	CORRIDOR	382	WORK STATION
300DW	CORRIDOR	382A	LAB
300DX	CORRIDOR	382B	LAB
300DY	CORRIDOR	383	WORK STATION
300DZ	CORRIDOR	383A	LAB
300EA	CORRIDOR	383B	LAB
300EB	CORRIDOR	384	WORK STATION
300EC	CORRIDOR	384A	LAB
300ED	CORRIDOR	384B	LAB
300EE	CORRIDOR	385	WORK STATION
300EF	CORRIDOR	385A	LAB
300EG	CORRIDOR	385B	LAB
300EH	CORRIDOR	386	WORK STATION
300EI	CORRIDOR	386A	LAB
300EJ	CORRIDOR	386B	LAB
300EK	CORRIDOR	387	WORK STATION
300EL	CORRIDOR	387A	LAB
300EM	CORRIDOR	387B	LAB
300EN	CORRIDOR	388	WORK STATION
300EO	CORRIDOR	388A	LAB
300EP	CORRIDOR	388B	LAB
300EQ	CORRIDOR	389	WORK STATION
300ER	CORRIDOR	389A	LAB
300ES	CORRIDOR	389B	LAB
300ET	CORRIDOR	390	WORK STATION
300EU	CORRIDOR	390A	LAB
300EV	CORRIDOR	390B	LAB
300EW	CORRIDOR	391	WORK STATION
300EX	CORRIDOR	391A	LAB
300EY	CORRIDOR	391B	LAB
300EZ	CORRIDOR	392	WORK STATION
300FA	CORRIDOR	392A	LAB
300FB	CORRIDOR	392B	LAB
300FC	CORRIDOR	393	WORK STATION
300FD	CORRIDOR	393A	LAB
300FE	CORRIDOR	393B	LAB
300FF	CORRIDOR	394	WORK STATION
300FG	CORRIDOR	394A	LAB
300FH	CORRIDOR	394B	LAB
300FI	CORRIDOR	395	WORK STATION
300FJ	CORRIDOR	395A	LAB
300FK	CORRIDOR	395B	LAB
300FL	CORRIDOR	396	WORK STATION
300FM	CORRIDOR	396A	LAB
300FN	CORRIDOR	396B	LAB
300FO	CORRIDOR	397	WORK STATION
300FP	CORRIDOR	397A	LAB
300FQ	CORRIDOR	397B	LAB
300FR	CORRIDOR	398	WORK STATION
300FS	CORRIDOR	398A	LAB
300FT	CORRIDOR	398B	LAB
300FU	CORRIDOR	399	WORK STATION
300FV	CORRIDOR	399A	LAB
300FW	CORRIDOR	399B	LAB
300FX	CORRIDOR	400	WORK STATION
300FY	CORRIDOR	400A	LAB
300FZ	CORRIDOR	400B	LAB
300GA	CORRIDOR	401	WORK STATION
300GB	CORRIDOR	401A	LAB
300GC	CORRIDOR	401B	LAB
300GD	CORRIDOR	402	WORK STATION
300GE	CORRIDOR	402A	LAB
300GF	CORRIDOR	402B	LAB
300GG	CORRIDOR	403	WORK STATION
300GH	CORRIDOR	403A	LAB
300GI	CORRIDOR	403B	LAB
300GJ	CORRIDOR	404	WORK STATION
300GK	CORRIDOR	404A	LAB
300GL	CORRIDOR	404B	LAB
300GM	CORRIDOR	405	WORK STATION
300GN	CORRIDOR	405A	LAB
300GO	CORRIDOR	405B	LAB
300GP	CORRIDOR	406	WORK STATION
300GQ	CORRIDOR	406A	LAB
300GR	CORRIDOR	406B	LAB
300GS	CORRIDOR	407	WORK STATION
300GT	CORRIDOR	407A	LAB
300GU	CORRIDOR	407B	LAB
300GV	CORRIDOR	408	WORK STATION
300GW	CORRIDOR	408A	LAB
300GX	CORRIDOR	408B	LAB
300GY	CORRIDOR	409	WORK STATION
300GZ	CORRIDOR	409A	LAB
300HA	CORRIDOR	409B	LAB
300HB	CORRIDOR	410	WORK STATION
300HC	CORRIDOR	410A	LAB
300HD	CORRIDOR	410B	LAB
300HE	CORRIDOR	411	WORK STATION
300HF	CORRIDOR	411A	LAB
300HG	CORRIDOR	411B	LAB
300HH	CORRIDOR	412	WORK STATION
300HI	CORRIDOR	412A	LAB
300HJ	CORRIDOR	412B	LAB
300HK	CORRIDOR	413	WORK STATION
300HL	CORRIDOR	413A	LAB
300HM	CORRIDOR	413B	LAB
300HN	CORRIDOR	414	WORK STATION
300HO	CORRIDOR	414A	LAB
300HP	CORRIDOR	414B	LAB
300HQ	CORRIDOR	415	WORK STATION
300HR	CORRIDOR	415A	LAB
300HS	CORRIDOR	415B	LAB
300HT	CORRIDOR	416	WORK STATION
300HU	CORRIDOR	416A	LAB
300HV	CORRIDOR	416B	LAB
300HW	CORRIDOR	417	WORK STATION
300HX	CORRIDOR	417A	LAB
300HY	CORRIDOR	417B	LAB
300HZ	CORRIDOR	418	WORK STATION
300IA	CORRIDOR	418A	LAB
300IB	CORRIDOR	418B	LAB
300IC	CORRIDOR	419	WORK STATION
300ID	CORRIDOR	419A	LAB
300IE	CORRIDOR	419B	LAB
300IF	CORRIDOR	420	WORK STATION
300IG	CORRIDOR	420A	LAB
300IH	CORRIDOR	420B	LAB
300II	CORRIDOR	421	WORK STATION
300IJ	CORRIDOR	421A	LAB
300IK	CORRIDOR	421B	LAB
300IL	CORRIDOR	422	WORK STATION
300IM	CORRIDOR	422A	LAB
300IN	CORRIDOR	422B	LAB
300IO	CORRIDOR	423	WORK STATION
300IP	CORRIDOR	423A	LAB
300IQ	CORRIDOR	423B	LAB
300IR	CORRIDOR	424	WORK STATION
300IS	CORRIDOR	424A	LAB
300IT	CORRIDOR	424B	LAB
300IU	CORRIDOR	425	WORK STATION
300IV	CORRIDOR	425A	LAB
300IU	CORRIDOR	425B	LAB
300IW	CORRIDOR	426	WORK STATION
300IX	CORRIDOR	426A	LAB
300IY	CORRIDOR	426B	LAB
300IZ	CORRIDOR	427	WORK STATION
300JA	CORRIDOR	427A	LAB
300JB	CORRIDOR	427B	LAB
300JC	CORRIDOR	428	WORK STATION
300JD	CORRIDOR	428A	LAB
300JE	CORRIDOR	428B	LAB
300JF	CORRIDOR	429	WORK STATION
300JG	CORRIDOR	429A	LAB
300JH	CORRIDOR	429B	LAB
300JI	CORRIDOR	430	WORK STATION
300JJ	CORRIDOR	430A	LAB
300JK	CORRIDOR	430B	LAB
300JL	CORRIDOR	431	WORK STATION
300JM	CORRIDOR	431A	LAB
300JN	CORRIDOR	431B	LAB
300JO	CORRIDOR	432	WORK STATION
300JP	CORRIDOR	432A	LAB
300JQ	CORRIDOR	432B	LAB
300JR	CORRIDOR	433	WORK STATION
300JS	CORRIDOR	433A	LAB
300JT	CORRIDOR	433B	LAB
300JU	CORRIDOR	434	WORK STATION
300JV	CORRIDOR	434A	LAB
300JV	CORRIDOR	434B	LAB
300JW	CORRIDOR	435	WORK STATION
300JX	CORRIDOR	435A	LAB
300JY	CORRIDOR	435B	LAB
300JZ	CORRIDOR	436	WORK STATION
300KA	CORRIDOR	436A	LAB
300KB	CORRIDOR	436B	LAB
300KC	CORRIDOR	437	WORK STATION
300KD	CORRIDOR	437A	LAB
300KE	CORRIDOR	437B	LAB
300KF	CORRIDOR	438	WORK STATION
300KG	CORRIDOR	438A	LAB
300KH	CORRIDOR	438B	LAB
300KI	CORRIDOR	439	WORK STATION
300KJ	CORRIDOR	439A	LAB
300KK	CORRIDOR	439B	LAB
300KL	CORRIDOR	440	WORK STATION
300KM	CORRIDOR	440A	LAB
300KN	CORRIDOR	440B	LAB
300KO	CORRIDOR	441	WORK STATION
300KP	CORRIDOR	441A	LAB
300KQ	CORRIDOR	441B	LAB
300KR	CORRIDOR	442	WORK STATION
300KS	CORRIDOR	442A	LAB
300KT	CORRIDOR	442B	LAB
300KU	CORRIDOR	443	WORK STATION
300KV			



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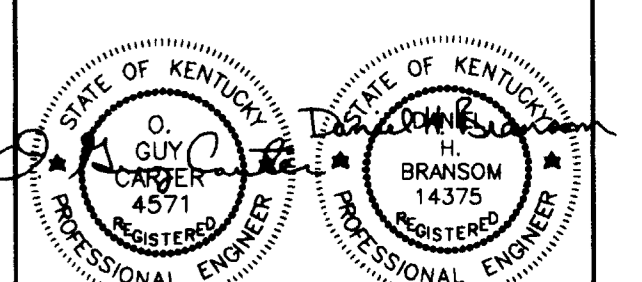
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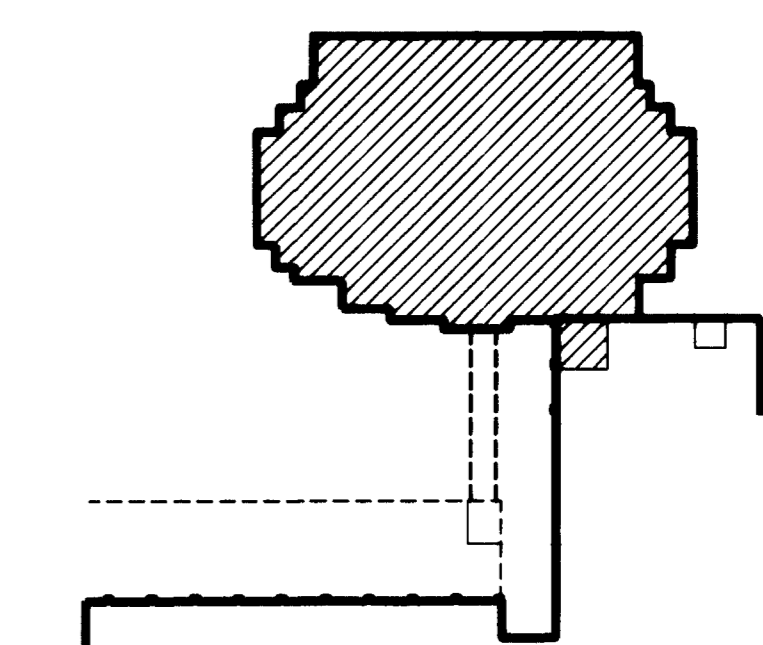
Revision	Date
Issue Date	DEC. 92
Drawing Title	

PLUMBING PLAN -
FOURTH FLOOR

Drawn by	DWH
Checked by	DHB
Project No.	Scale
80240.01	1/8" = 1'-0"
Drawing No.	9.15

FOURTH FLOOR	ROOM NO.	ROOM NAME	ROOM NO.	ROOM NAME
400E	401	CORRIDOR	413	ELECTRIC ROOM
400E	402	CORRIDOR	414	COFFEE/VENDING
400E	403	CORRIDOR	415	COMMUNICATIONS ROOM
400E	404	CORRIDOR	416	MENS TOILET
400E	405	CORRIDOR	418	WOMENS TOILET
400E	406	CORRIDOR	422	LAB SUITE
400E	407	CORRIDOR	424	LAB SUITE
400E	408	CORRIDOR	427	LAB SUITE
400E	409	CORRIDOR	432	INTERACTION
400E	410	CORRIDOR	434	LAB SUITE
400E	411	JANITORS CLOSET	443	ATRIUM
			458	INTERSECTION
			459	LAB SUITE
			460	LAB SUITE
			483	COLD ROOM
			484	CONFERENCE ROOM
			485	CORRIDOR

- 3" ROOF LEADER UP TO 3" ROOF DRAIN.
- 4" ROOF LEADER UP TO 4" ROOF DRAIN.
- 3" ROOF LEADER DOWN.
- 4" ROOF LEADER DOWN.
- 6" ROOF LEADER UP AND DOWN.
- 3" ACID WASTE VENT LINE UP AND DOWN.
- PROVIDE CAPPED 1-1/2" ACID WASTE LINE FOR FUTURE USE.
- 4" ACID WASTE VENT LINE UP AND 4" ACID WASTE LINE DOWN.
- 3" ACID WASTE LINE DOWN.
- 3" ACID WASTE LINE DOWN (3" ACID WASTE LINE THROUGH FLOOR).
- 3" ACID WASTE VENT LINE UP TO 4" ACID WASTE V.T.R.
- 4" ACID WASTE VENT LINE DOWN (4" ACID WASTE LINE THROUGH FLOOR).
- 4" ACID WASTE VENT LINE UP.
- 3" ACID WASTE VENT LINE UP.
- PROVIDE CAPPED 2" ACID WASTE VENT LINE FOR FUTURE USE. SEE WASTE AND VENT RISER DIAGRAMS.
- PROVIDE CAPPED 2" ACID WASTE LINE FOR FUTURE USE. SEE WASTE AND VENT RISER DIAGRAMS.
- 4" VENT LINE DOWN.
- 6" VENT LINE UP AND DOWN (6" SOIL LINE THROUGH FLOOR).
- 1-1/2" VENT LINE DOWN.
- 3" VENT LINE UP AND DOWN.
- 4" VENT LINE UP TO 4" V.T.R.
- PROVIDE CAPPED 1-1/4" COLD WATER LINE FOR FUTURE USE.
- REMOTE CHILLER FOR F-5 OR F-5A MOUNT ON FLOOR IN CHASE. PROVIDE AMSTADT MODEL HSD 12" x 24" MIN. ALUMINUM GRILLE FOR ACCESS AND REMOVAL OF CHILLER.
- LOCATION OF DEIONIZED WATER UNIT IN BASE CABINET.
- LABORATORY UNIT WITH SINK--PLUMBING CONNECTIONS REQUIRED: HOT WATER, COLD WATER, DEIONIZED WATER AND WASTE DRAIN.
- STUB 1-1/2" ACID WASTE LINE 2" ABOVE DEPRESSION FLOOR SLAB IN LIGHTWEIGHT FILL FOR FUTURE COLD ROOM FLOOR DRAIN AND CAP.
- 4" WASTE LINE DOWN.
- 4" ACID WASTE VENT LINE UP TO 4" ACID WASTE V.T.R.
- 2" ACID WASTE VENT LINE DOWN (2" ACID WASTE LINE THROUGH FLOOR).
- PROVIDE CAPPED 1-1/2" ACID WASTE LINE NEAR FLOOR FOR FUTURE EYE/FACE WASH UNIT.
- 6" ACID WASTE VENT LINE DOWN.
- 6" ACID WASTE VENT LINE UP TO 6" ACID WASTE V.T.R.
- HOSE BIBB (H.B.)--WOODFORD MODEL 24P-3/4. TEE HANDLE KIB VALVE BRASS/ST. SEE CHROME FINISH MOUNT 18" ABOVE FINISHED FLOOR (TYPICAL).
- 6" LAB VACUUM EXHAUST PUMP DISCHARGE LINE DOWN.
- 6" LAB VACUUM EXHAUST PUMP DISCHARGE LINE UP.
- MASTER GAS SHUT-OFF VALVE IN RECESSED VALVE BOX. SEE DETAIL ON DRAWING 9.41.
- EXTEND 1/2" C.W. LINE DOWN IN CHASE. TURN OUT OF CHASE 48" A.F.F. PROVIDE BALL VALVE, NIPPLE AND CAP.
- 4" WASTE LINE DOWN.
- 3" ACID WASTE LINE DOWN.
- 2" WASTE LINE DOWN.
- EXHAUST AIR DUCT. SEE H.V.A.C. DRAWINGS. ADJUST PIPING AS REQUIRED.
- COLD ROOM UNIT--PLUMBING CONNECTIONS REQUIRED: COLD WATER AND WASTE DRAIN. SEE ENLARGED COLD ROOM PLAN ON DRAWING 9.43.
- 1/2" COLD WATER LINE TO CONDENSING UNIT ON TOP OF COLD ROOM UNIT. SEE ENLARGED COLD ROOM PLAN ON DRAWING 9.40. PROVIDE 1" WATER NO. 7-02-2 BACKFLOW PREVENTER IN COLD WATER SUPPLY LINE.
- PROVIDE 1/2" BALL VALVE, NIPPLE AND CAP FOR FUTURE COLD ROOM UNIT.
- 1/2" HOT WATER AND 1/2" COLD WATER LINES UP TO SHOWER IN PERITOUSE.
- 1-1/2" L.V. LINE DOWN.
- 1-1/2" GAS LINE DOWN.
- 1-1/2" CWP LINE DOWN.
- 1-1/2" HWP LINE DOWN.
- 3/4" HWP LINE DOWN.
- 1-1/4" HWP LINE DOWN.
- 2-1/2" CWP LINE DOWN.
- PIPING IN PIPE CHASE.
- RELOCATE EXISTING 3" ACID WASTE VENT LINE UP FROM THIRD FLOOR BELOW. RECONNECT TO 3" ACID WASTE VENT LINE IN THIRD FLOOR CEILING SPACE AS REQUIRED.
- REMOVE EXISTING SINK, ACID WASTE, AND WATER PIPING. CAP WASTE PIPING BACK AT MAIN IN THIRD FLOOR CEILING SPACE.
- REMOVE EXISTING GAS, VACUUM AIR, COLD WATER AND HOT WATER OUTLETS AND PIPING. CAP PIPING BACK AT MAIN ABOVE FOURTH FLOOR CEILING.
- REMOVE EXISTING GAS, AIR AND VACUUM OUTLETS AND PIPING. CAP PIPING BACK AT MAINS IN THIRD FLOOR CEILING SPACE BELOW.
- LABORATORY UNIT WITH SERVICE OUTLETS -- PLUMBING CONNECTIONS REQUIRED: GAS AND LAB VACUUM.
- LABORATORY UNIT WITH SERVICE OUTLETS -- PLUMBING CONNECTIONS REQUIRED: LAB VACUUM.
- FUTURE FUME HOOD. SEE ENLARGED PLANS ON DRAWING 9.40.
- FUME HOOD (F.H.)--PLUMBING CONNECTIONS REQUIRED: COLD WATER, 6" LAB VACUUM AND ACID WASTE DRAIN.
- EMERGENCY EYE/FACE WASH UNIT (E-10).
- APPROXIMATE LOCATION OF STAY OPEN BALL VALVE WITH PULL BOX (FIELD VERIFY).
- ALARM BELL AND LIGHT FOR EMERGENCY SHOWER. PROVIDE LABEL INDICATING ROOM SERVED.
- INSTALL PIPING IN WALL NEAR FLOOR.
- EMERGENCY SHOWER (E-9). SEE DETAIL DRAWING ON 9.41.
- PIPING ABOVE CEILING.

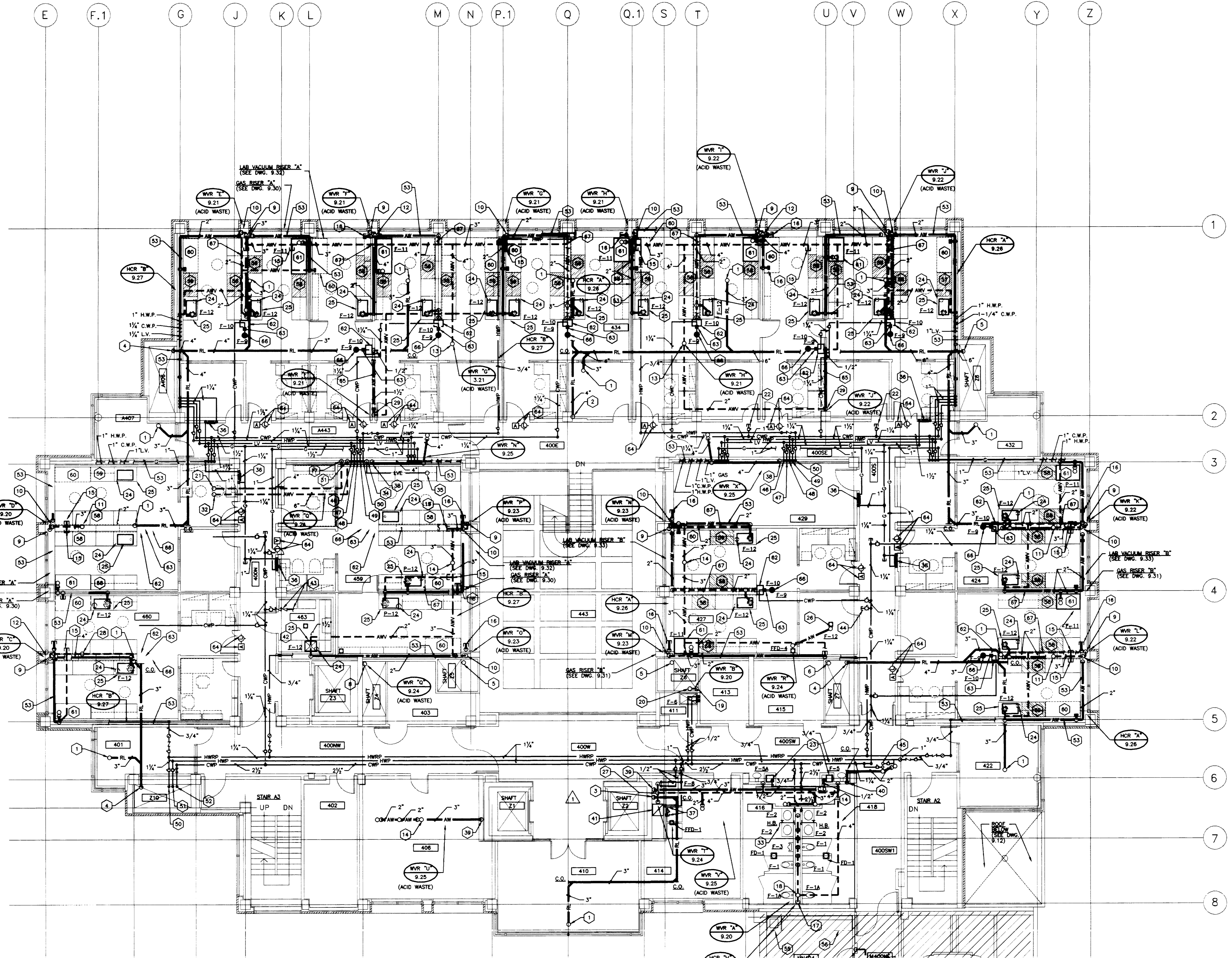


KEY PLAN

RECORD DRAWINGS DATE AUGUST 1995.
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.
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FINAL DOCUMENTS



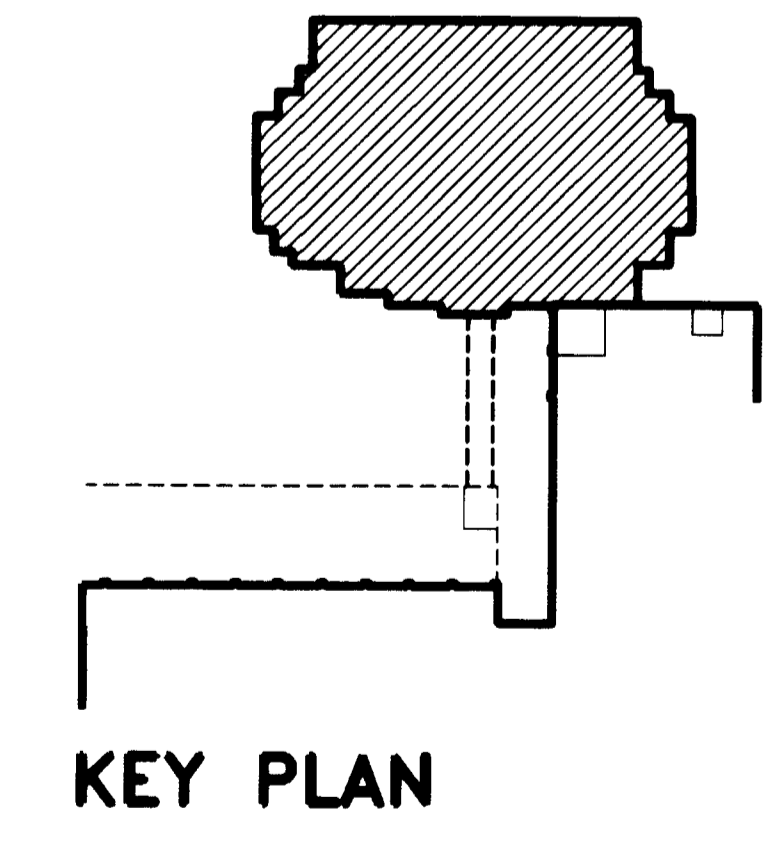
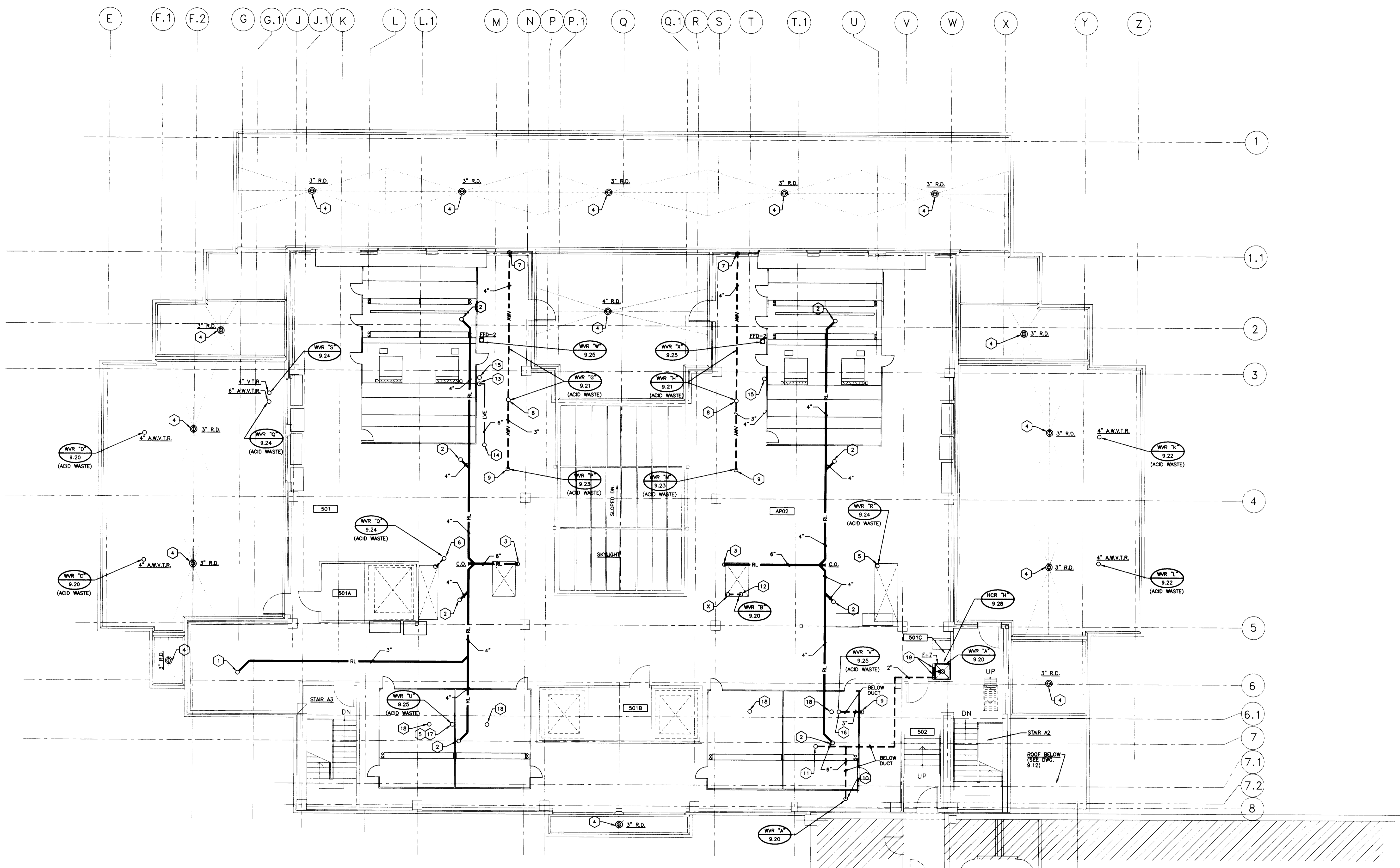
PLUMBING PLAN - FOURTH FLOOR
SCALE: 1/8" = 1'-0" (FINISHED FL. ELEV. 1034'-9")

DRAWING - IN UNIFORMATIVE/VALUES/PLUMBING-15, DIMSCALE= 30, DIMSCALE= 86, 02/25/94 AT 18:10

46 - Sheet - 002771

ROOM NO.	ROOM NAME
501	PENTHOUSE
501A	ELEV. EQUIP.
501B	ELEV. EQUIP.
501C	SHOWER
502	CORRIDOR
MSOONE	CORRIDOR

- CODED NOTES, DRAWING 9.16**
- 3" R.L. UP TO 3" ROOF DRAIN. SEE ARCHITECTURAL DRAWING 4.26 FOR ROOF DRAIN LOCATION. SEE DETAIL ON ARCHITECTURAL DRAWING 4.12.
 - 4" R.L. UP TO 4" ROOF DRAIN. SEE ARCHITECTURAL DRAWING 4.26 FOR ROOF DRAIN LOCATION. SEE DETAIL ON ARCHITECTURAL DRAWING 4.12.
 - 6" R.L. UP DOWN.
 - ROOF DRAIN. SIZE AS INDICATED. SEE DETAIL ON ARCHITECTURAL DRAWING 4.12.
 - 3" ACID WASTE VENT LINE UP (UP TO 4" A.W.V.T.R.) AND DOWN.
 - 4" ACID WASTE VENT LINE UP (UP TO 4" A.W.V.T.R.) AND DOWN.
 - 4" ACID WASTE VENT LINE DOWN.
 - 4" ACID WASTE VENT LINE UP TO 4" A.W.V.T.R.
 - 3" ACID WASTE VENT LINE DOWN.
 - 6" VENT LINE DOWN.
 - 6" VENT LINE UP TO 6" V.T.R.
 - 3" VENT LINE UP TO 4" V.T.R.
 - 5" LAB VACUUM PUMP EXHAUST DISCHARGE LINE DOWN THROUGH ROOF, TURN DOWN AND SCREEN.
 - 4" VENT LINE UP (UP TO 4" V.T.R.) AND DOWN.
 - 3" ACID WASTE VENT LINE UP TO 4" ACID WASTE V.T.R.
 - SEAL VENT LINE UP THROUGH TOP OF AIR HANDLING UNIT AIR TIGHT.
 - 2" DRAIN IN AIR HANDLING UNIT BY UNIT MANUFACTURER.
 - 1/2" H.W. PRESSURE AND 1/2" C.W. PRESSURE UP FROM BELOW.



PLUMBING PLAN - ROOF/PENTHOUSE
 SCALE: 1/8" = 1'-0" (FINISHED FL. ELEV. 1048'-4")

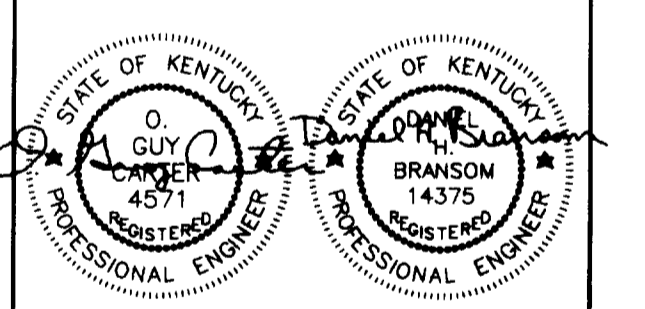
RECORD DRAWINGS DATE AUGUST 1995
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University of Kentucky Lexington, Kentucky	project no. date file no. dr. by chk. by revision drawing no.
FINAL DOCUMENTS	approved by date

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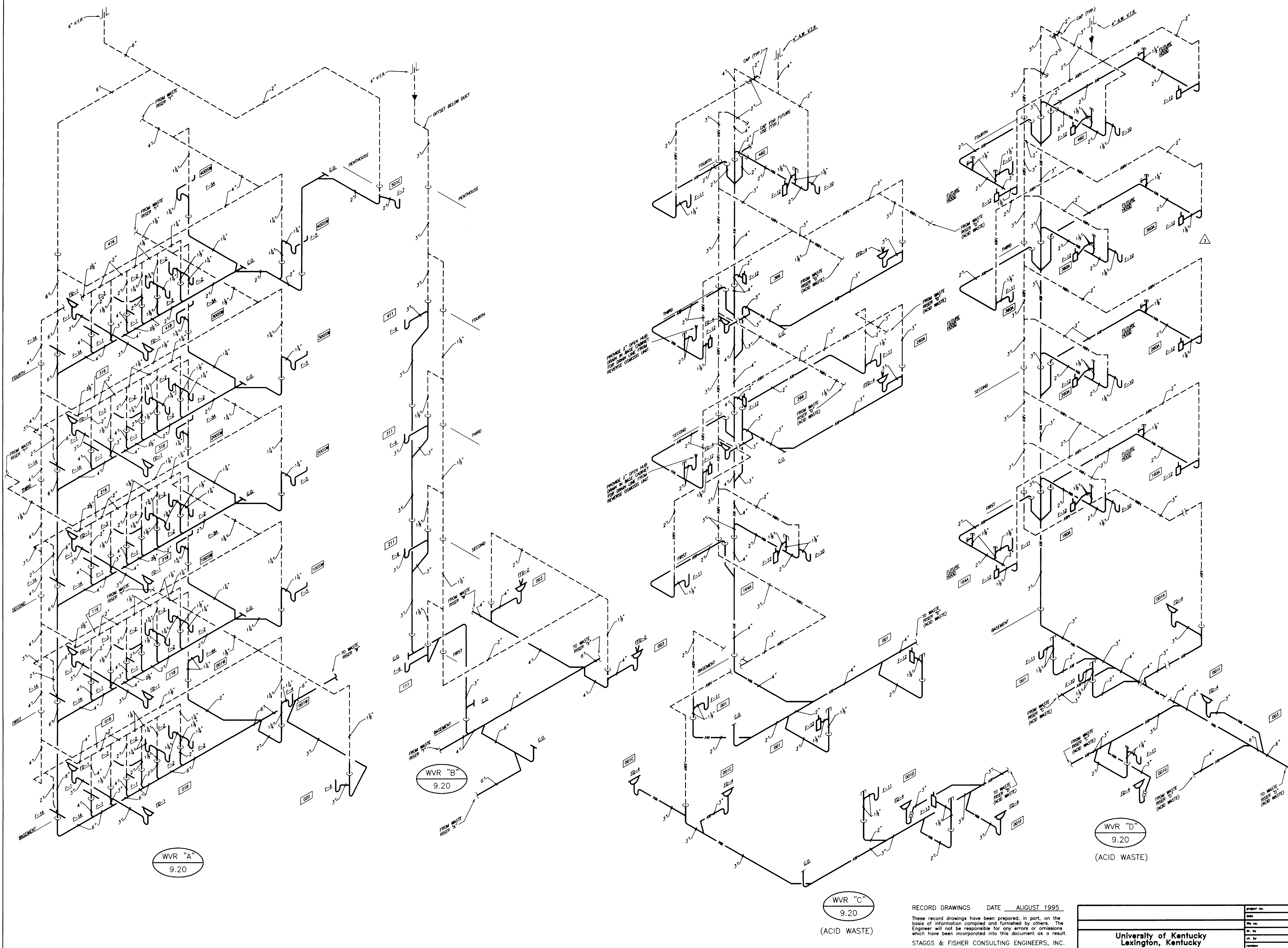
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Revision	Date
Issue Date	DEC. 92
Drawing Title	
PLUMBING PLAN - ROOF/PENTHOUSE	
Drawn by	DWH
Checked by	DHB
Project No.	80240.01
Scale	1/8" = 1'-0"
Drawing No.	9.16

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SOIL WASTE & VENT RISER DIAGRAMS

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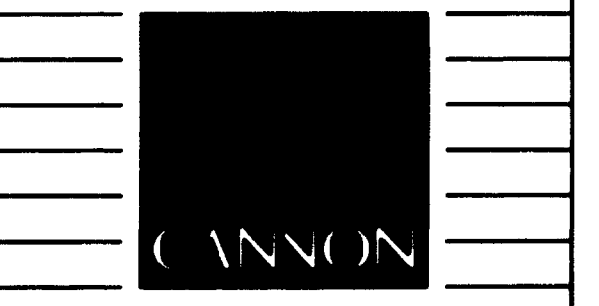
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Scale	NO SCALE
Drawing No.	9.20R
Project Name	University of Kentucky Lexington, Kentucky
Final Documents	

THE UNIVERSITY OF KENTUCKY
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PROJECT NO. 747.0
Lexington, Kentucky



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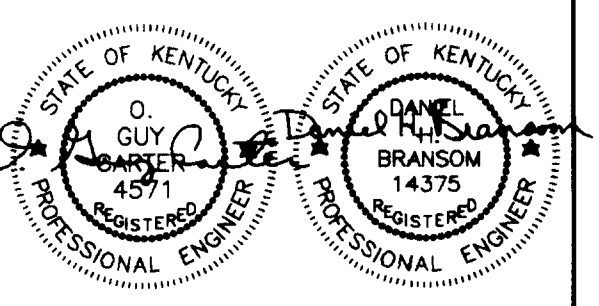
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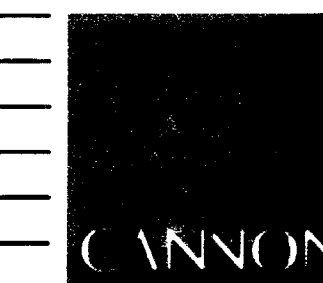
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PLUMBING-SOIL WASTE & VENT DIAGRAMS

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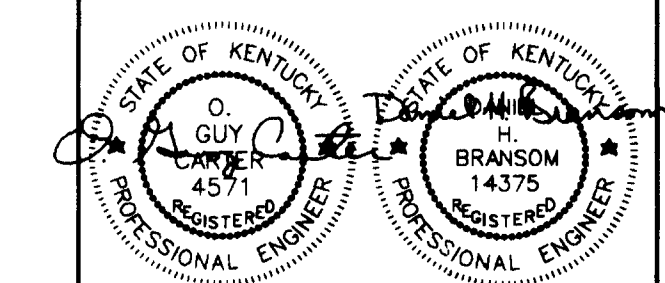
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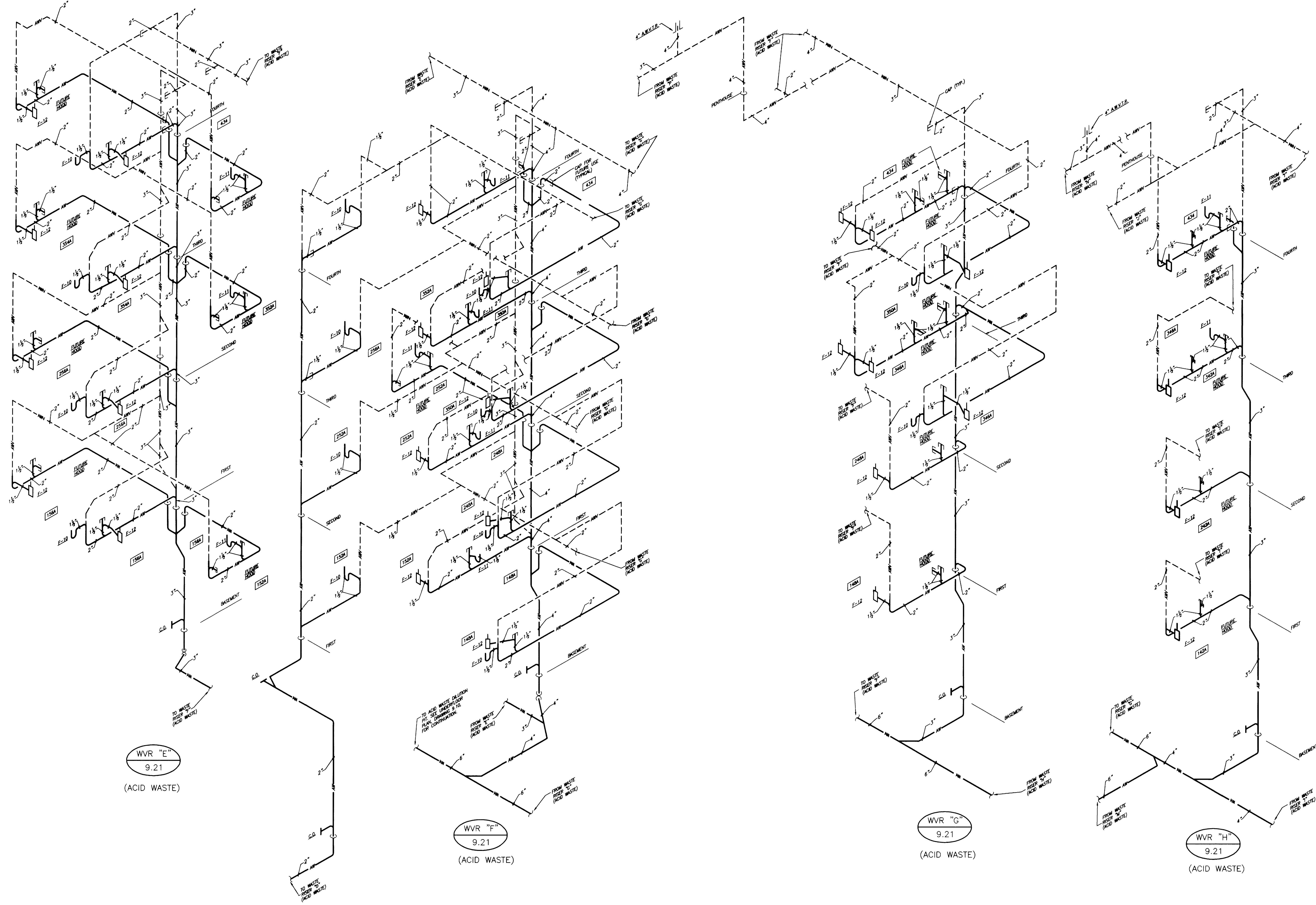
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Drawing Title
PLUMBING-SOIL, WASTE & VENT RISER DIAGRAM

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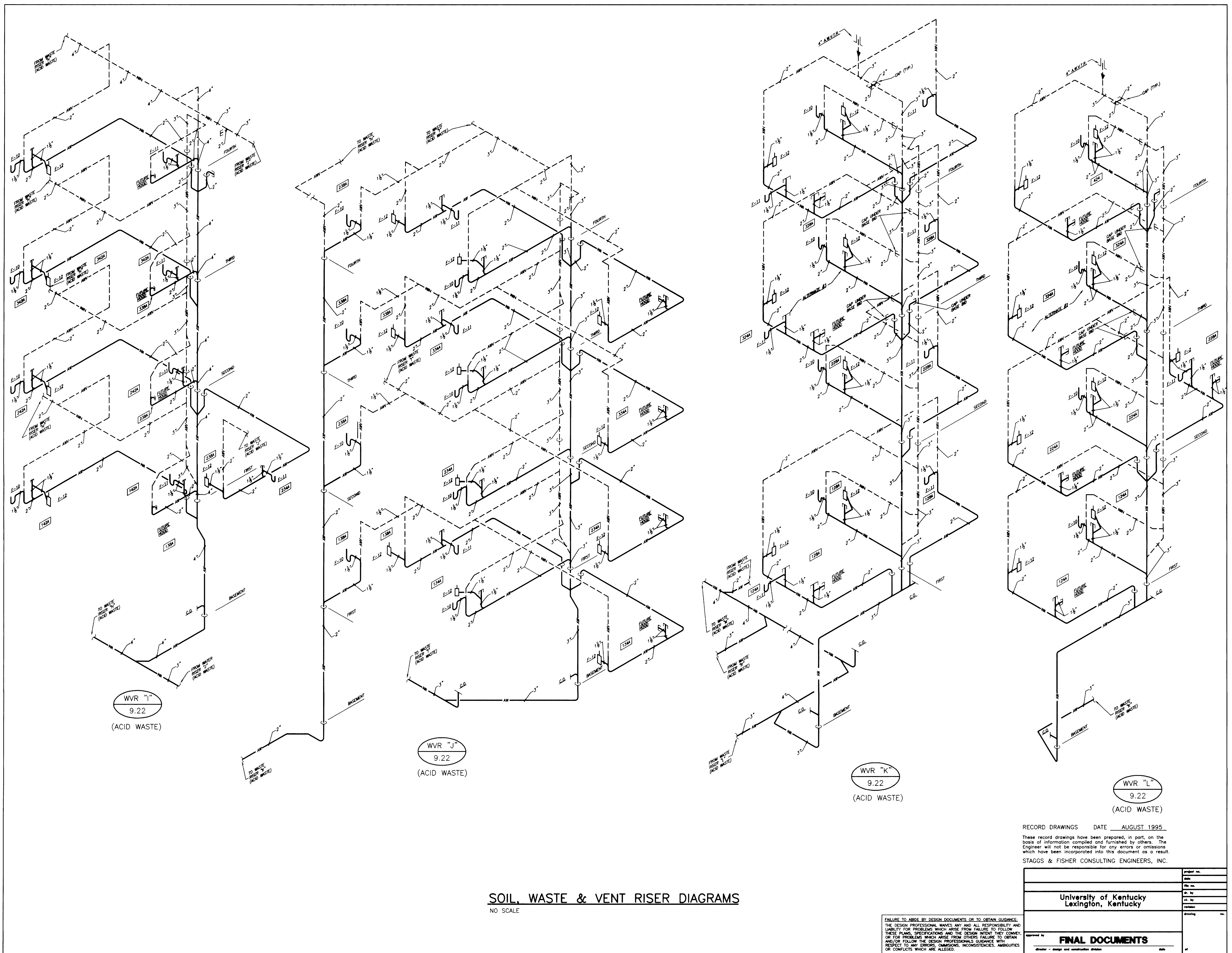
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Ch. by	
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drawing	
University of Kentucky Lexington, Kentucky	
FINAL DOCUMENTS	
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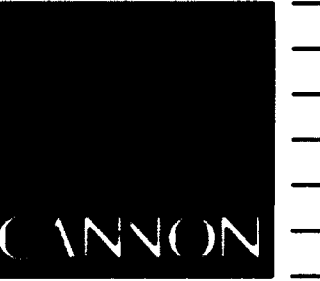
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D. GUY
4571
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STATE OF KENTUCKY
D. GUY
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Issue Date	DEC. 92
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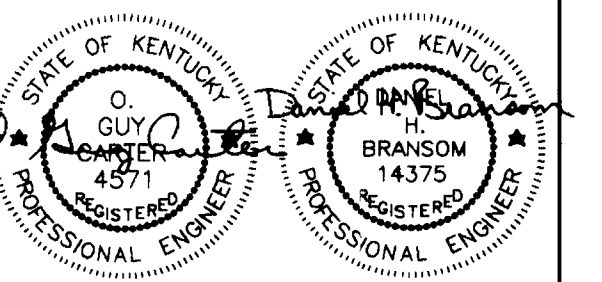
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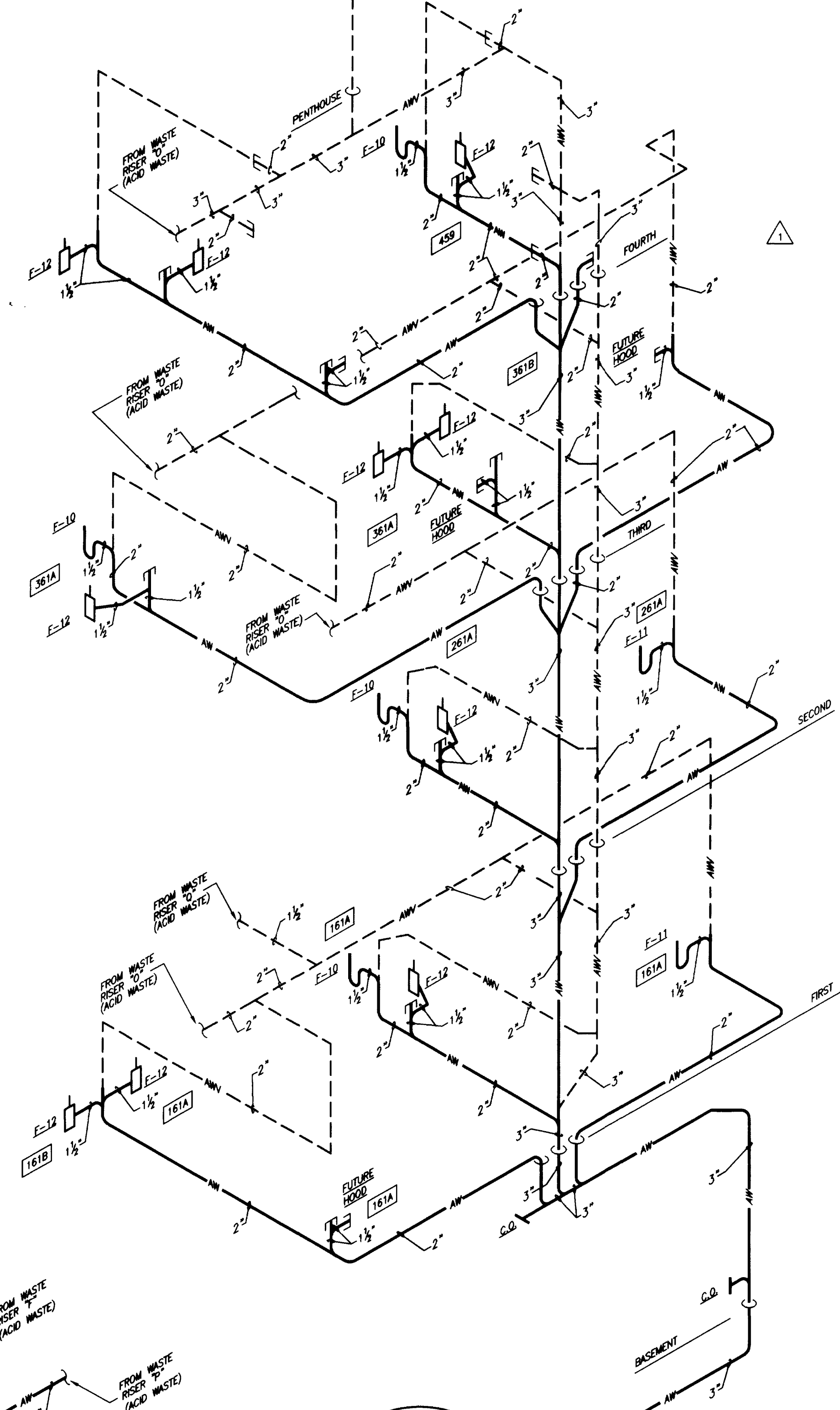
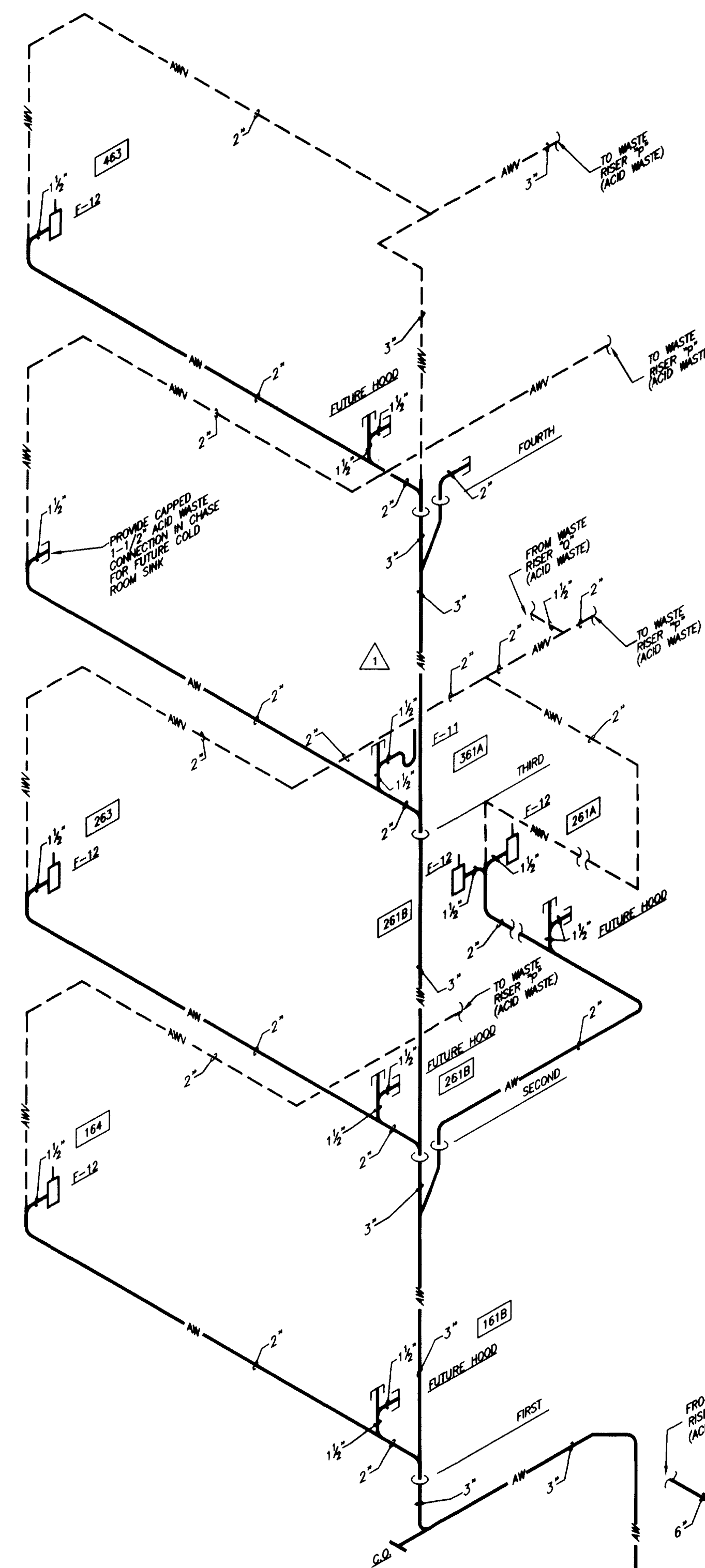
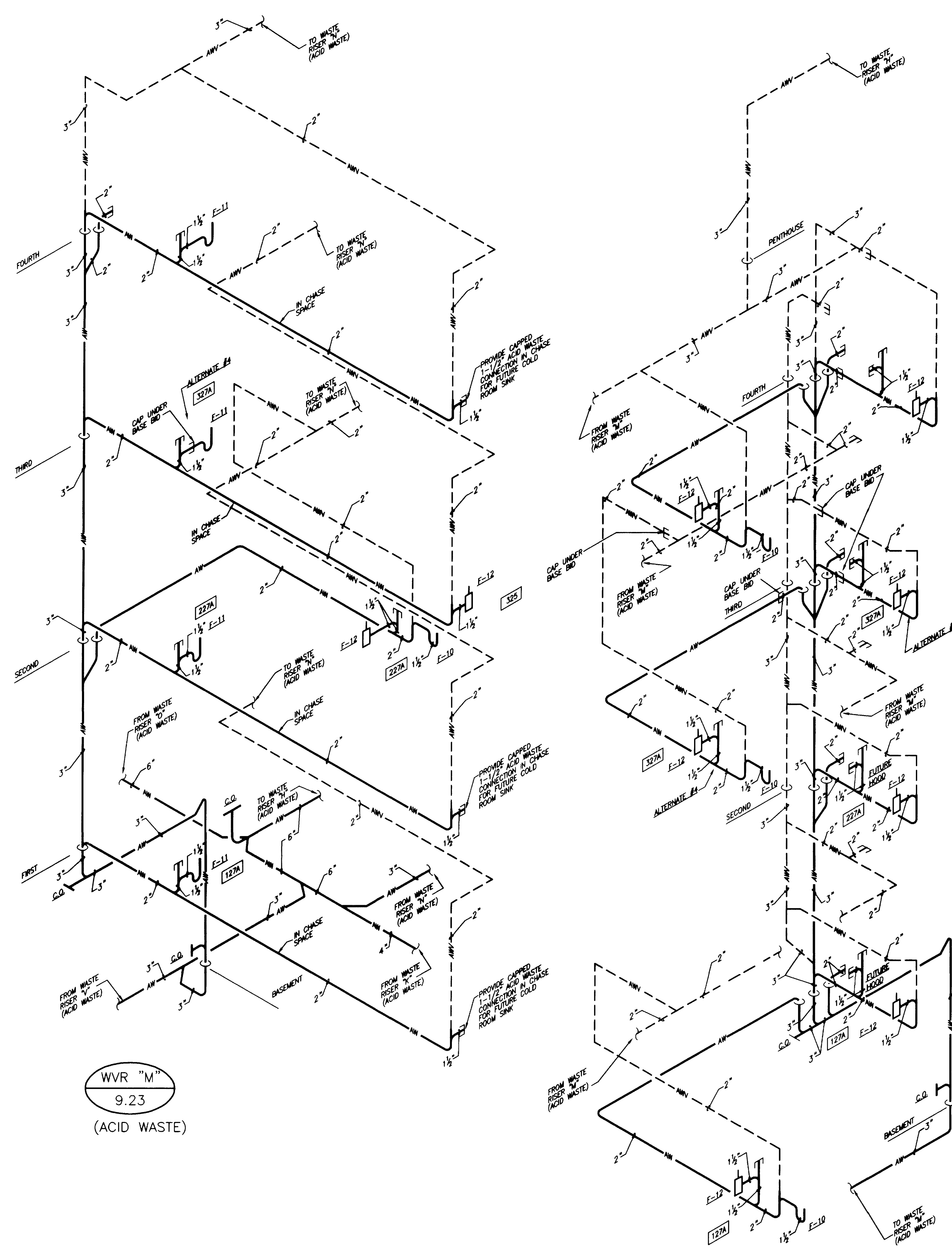
Staggs and Fisher
Consulting Engineers, Inc.
317 South Ashland Avenue
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Revision	Date
Issue Date	DEC. 92
Drawing Title	

PLUMBING-SOIL, WASTE & VENT RISER DIAGRAMS

Drawn by	DWH
Checked by	DHB
Project No.	80240.01
Scale	NO SCALE
Drawing No.	9.23R



WVR "M"
9.23
(ACID WASTE)

WVR "N"
9.23
(ACID WASTE)

WVR "O"
9.23
(ACID WASTE)

WVR "P"
9.23
(ACID WASTE)

SOIL, WASTE & VENT RISER DIAGRAMS

NO SCALE

RECORD DRAWINGS DATE AUGUST 1995

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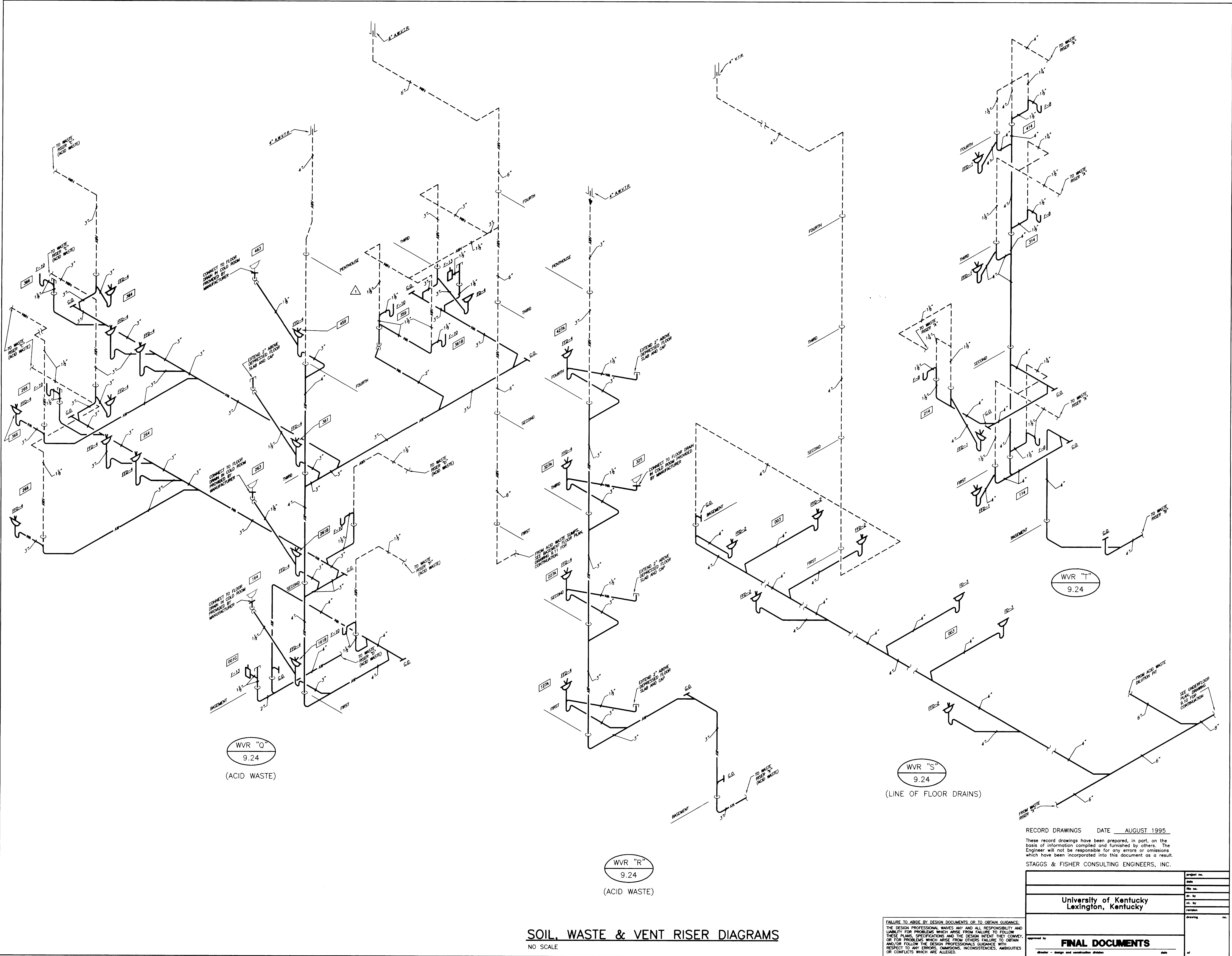
STAGGS & FISHER CONSULTING ENGINEERS, INC.

project no.	
date	
drawn by	DWH
checked by	DHB
project no.	80240.01
scale	NO SCALE
drawing no.	9.23R
approved by	FINAL DOCUMENTS
date	

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DRAWING: N:\DMS\ACTIVE\UNLAB\PLUMB\9-23.DWG SCALE: 24, 1/8"=1'-0" DATE: 08/24/95 11:08:59

46 E-1 002776 Document.dwg



SOIL, WASTE & VENT RISER DIAGRAMS

NO SCALE

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Project No.	Scale
80240.01	NO SCALE
Drawing No.	
9.24R	

THE UNIVERSITY OF KENTUCKY

MEDICAL RESEARCH EXPANSION SPACE
PROJECT NO. 747.0
Lexington, Kentucky



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St. Louis
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165 North Meramec, Suite 600
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314-862-5660

CMW

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• WOODFORD • INC.

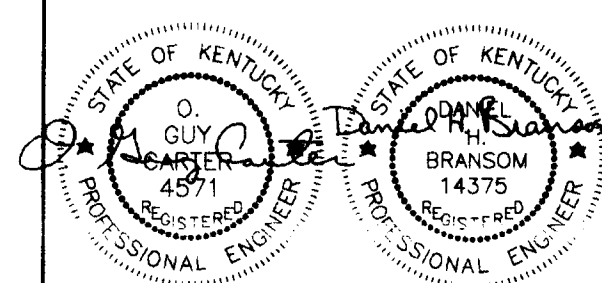
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PLANNING INTERIORS

326 South Broadway
Lexington, Kentucky
606-254-8623



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Consulting Engineers, Inc.

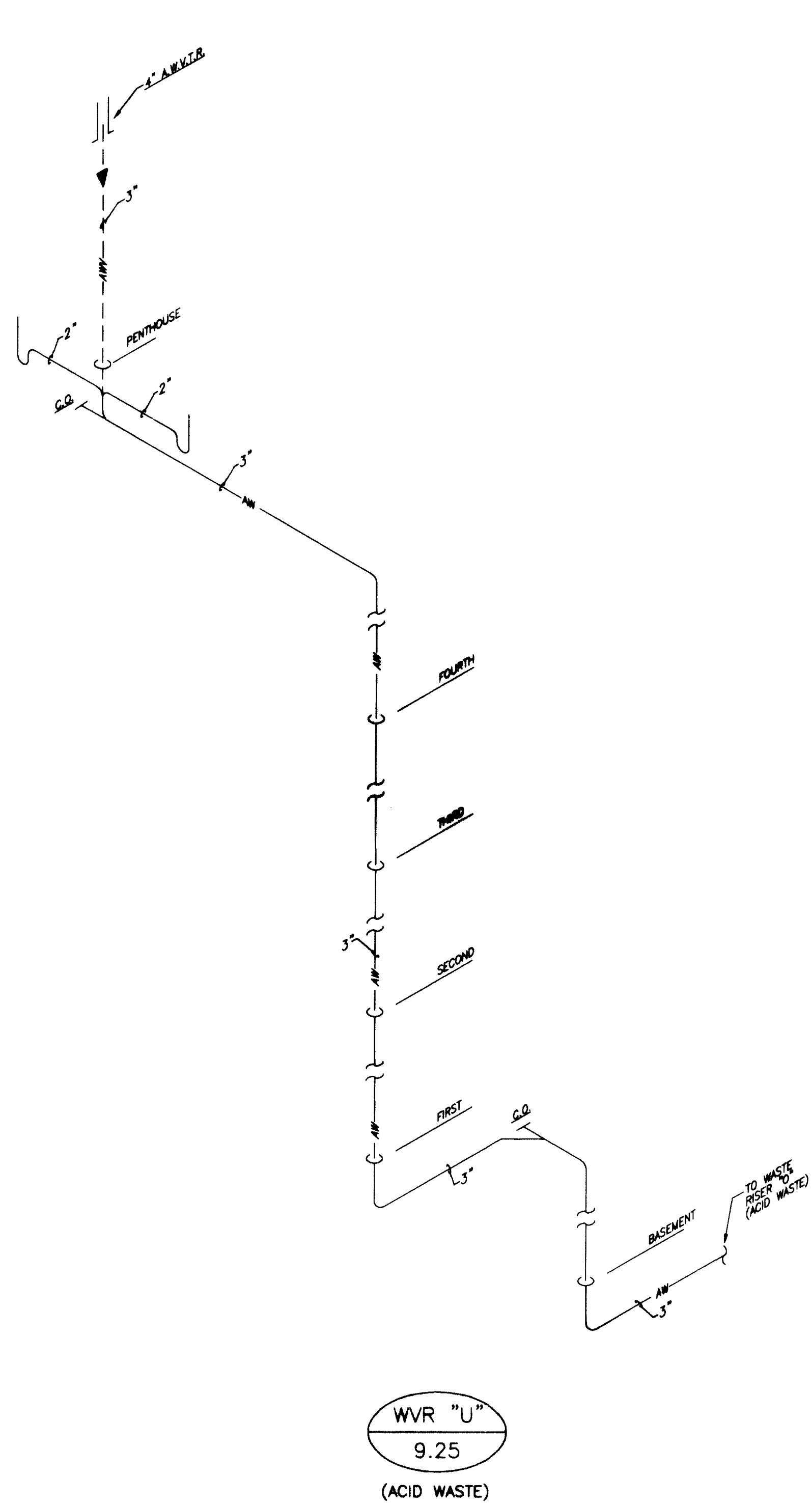
317 South Ashland Avenue
Lexington, Kentucky 40502



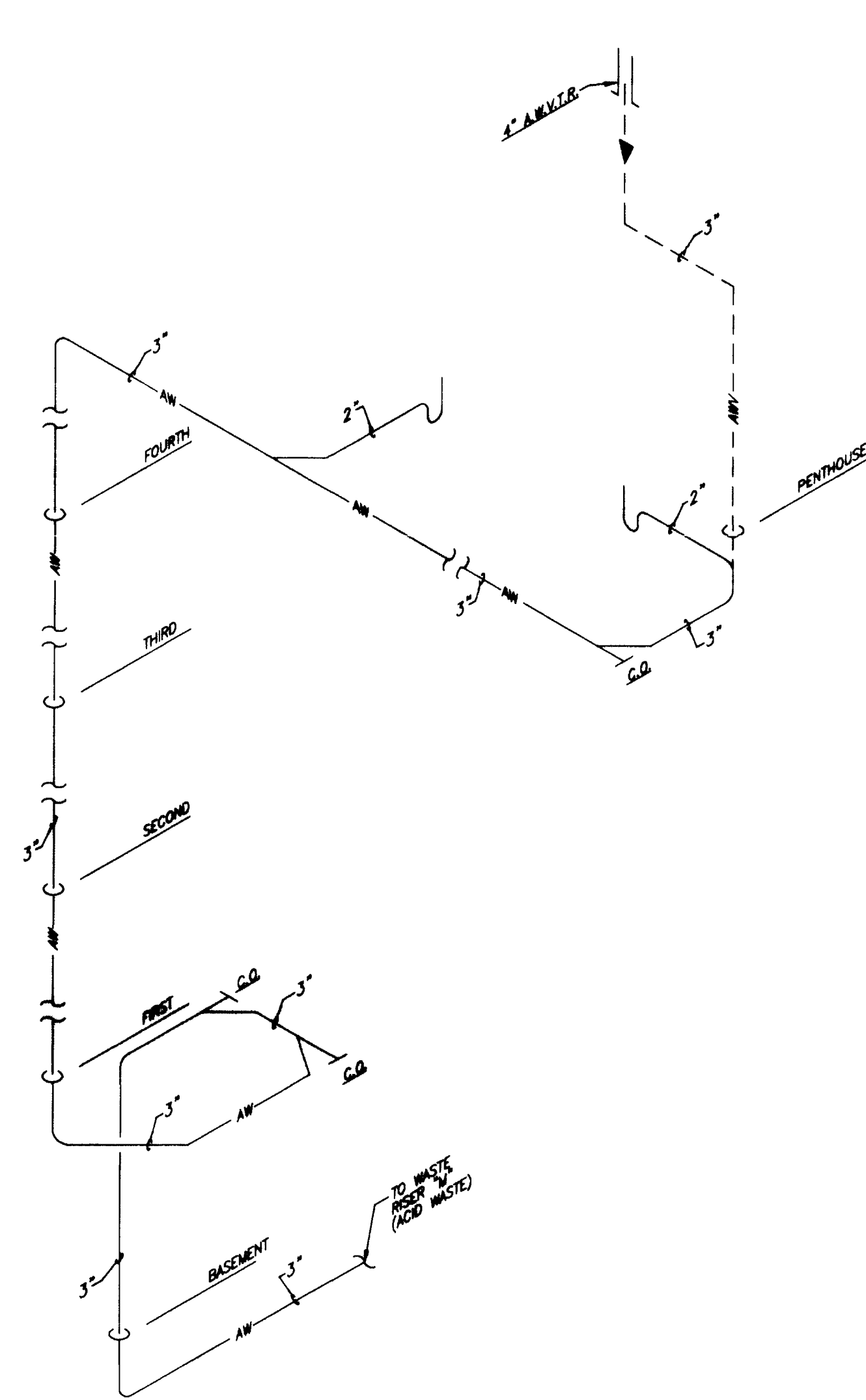
3RD FL. ALT.	OCT. '93
Revision	Date
Issue	DEC. 92
Drawing Title	

PLUMBING-SOIL, WASTE & VENT RISER DIAGRAMS

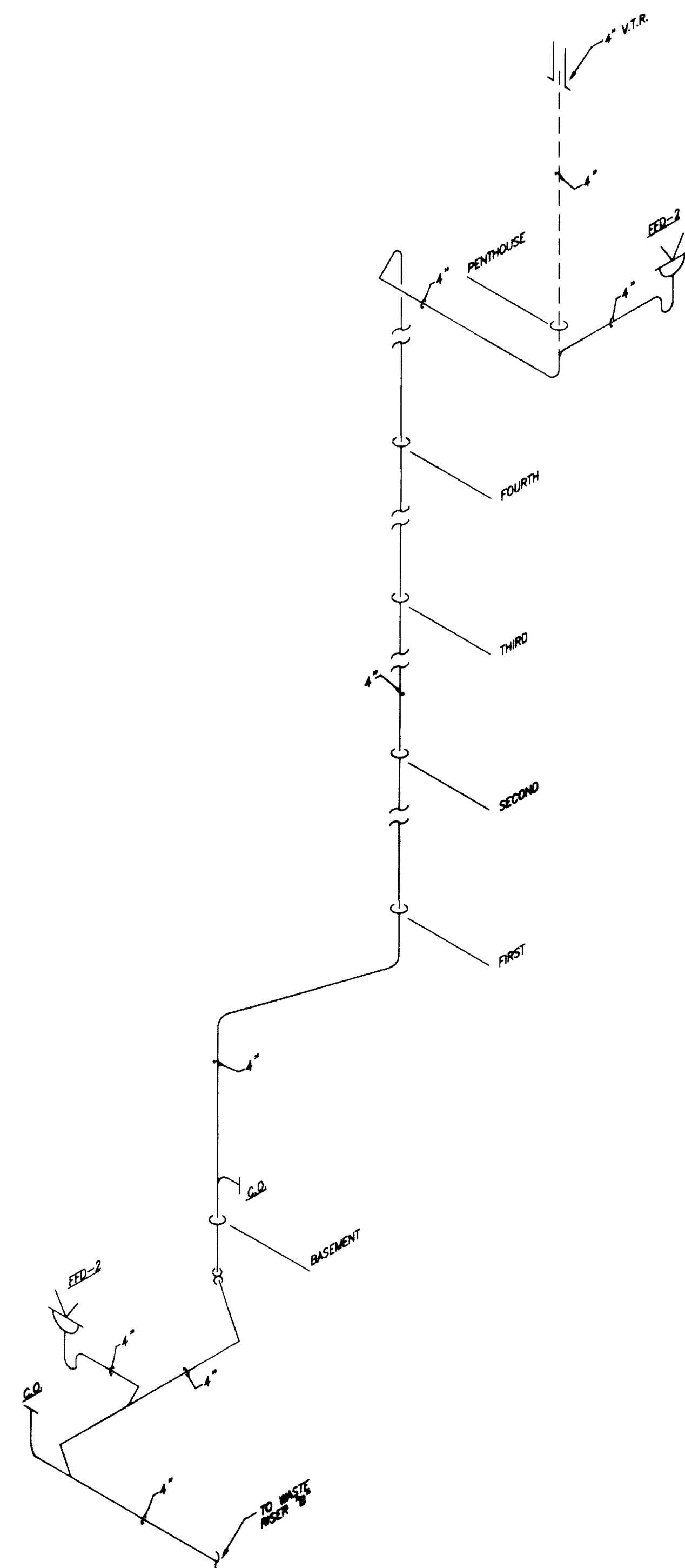
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Checked by	DHB
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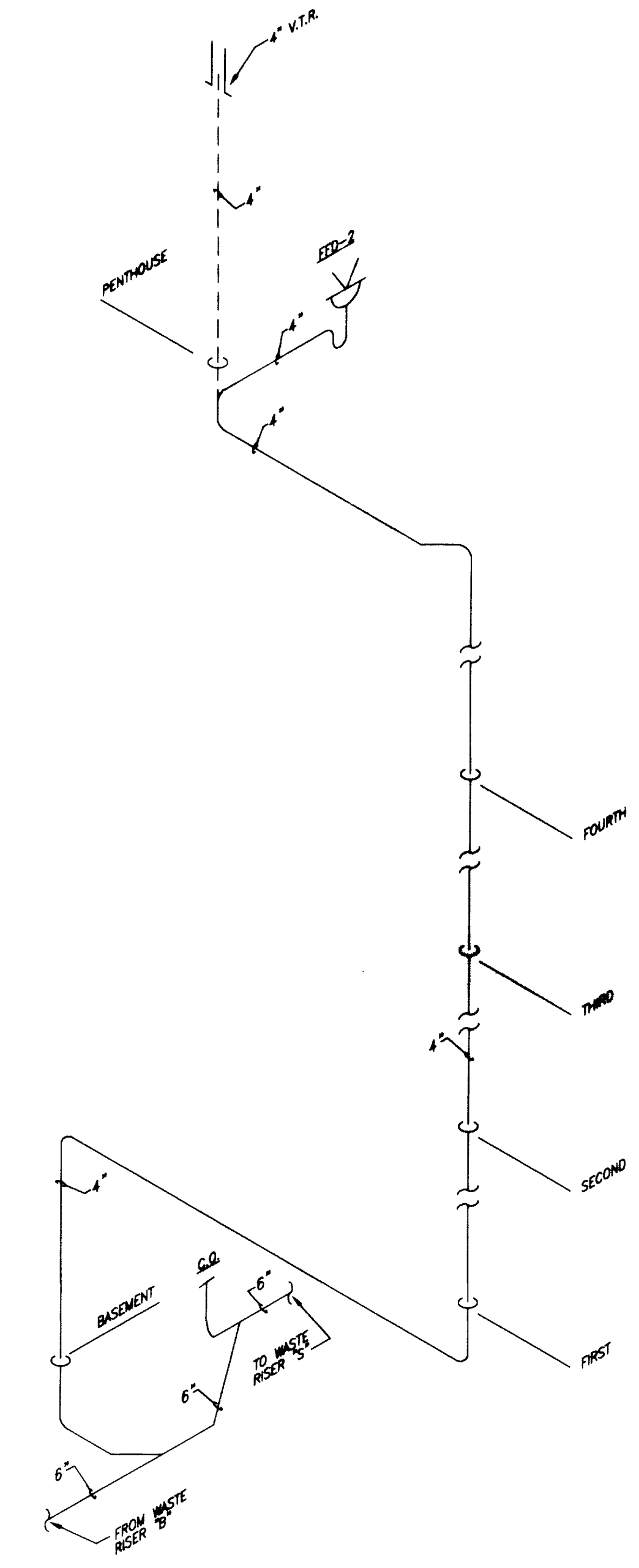
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(ACID WASTE)



WVR "V"
9.25
(ACID WASTE)



WVR "W"
9.25
(LINE OF FLOOR DRAINS)



WVR "X"
9.25

SOIL, WASTE & VENT RISER DIAGRAMS
NO SCALE

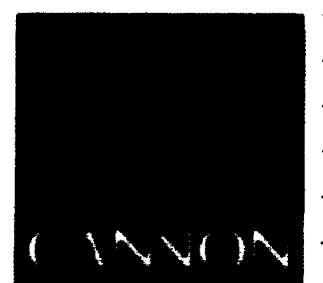
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Project No.	
Date	
File No.	
Dr. by	
Ch. by	
Position	
Drawing	
University of Kentucky Lexington, Kentucky	
FINAL DOCUMENTS	

THE UNIVERSITY OF KENTUCKY
MEDICAL RESEARCH EXPANSION SPACE
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Lexington, Kentucky



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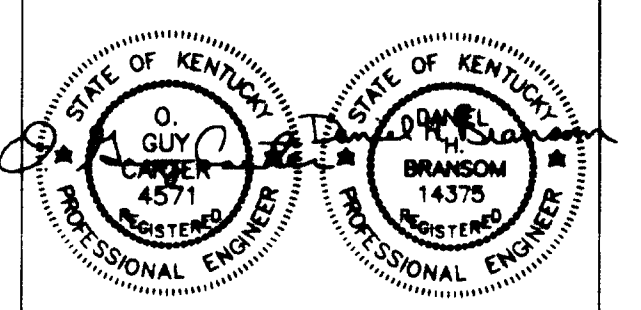
CMW

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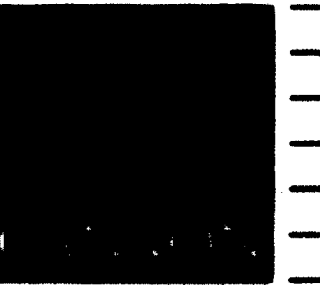


Revision	Date
Issue Date	DEC. 92
Drawing Title	
PLUMBING-SOIL, WASTE & VENT RISER DIAGRAMS	

Drawn by	DWH
Checked by	DHB
Project No.	Scale
90240.01	NO SCALE
Drawing No.	9.25

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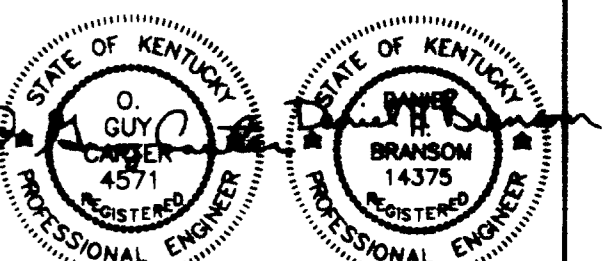
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326 South Broadway
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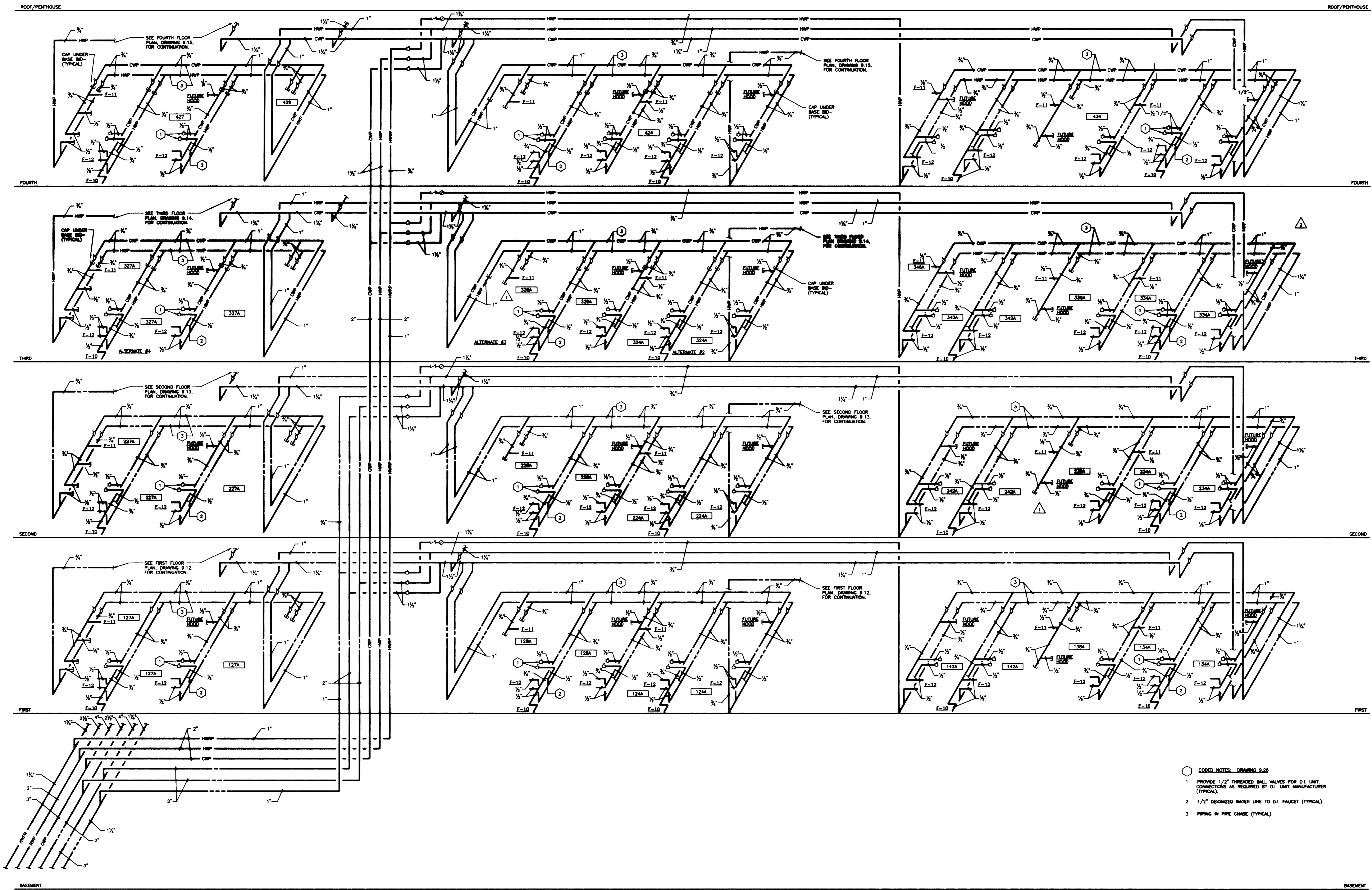
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317 South Ashland Avenue
Lexington, Kentucky 40502



Revision	Date
ISSUED	DEC. 92

Drawing Title
**PLUMBING—DOMESTIC
WATER RISER DIAGRAMS**

Drawn by
BW
Checked by
BW
Date
8/24/95
Project No. Scale
60240.01 NONE
Drawing No.
9.26R



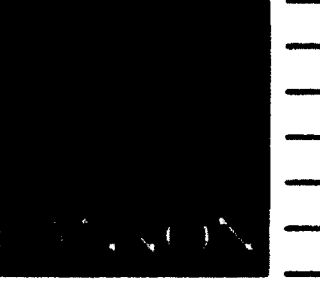
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DOMESTIC HOT AND COLD WATER RISER DIAGRAM
NO SCALE

RECORD DRAWINGS DATE AUGUST 1995
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Project No.	Scale
60240.01	NONE
FINAL DOCUMENTS	



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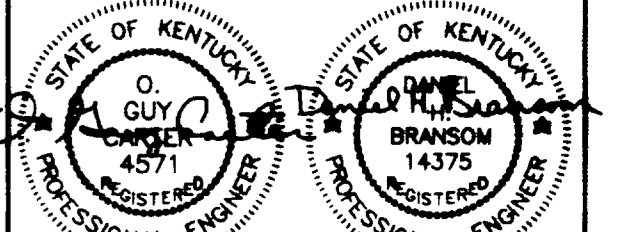
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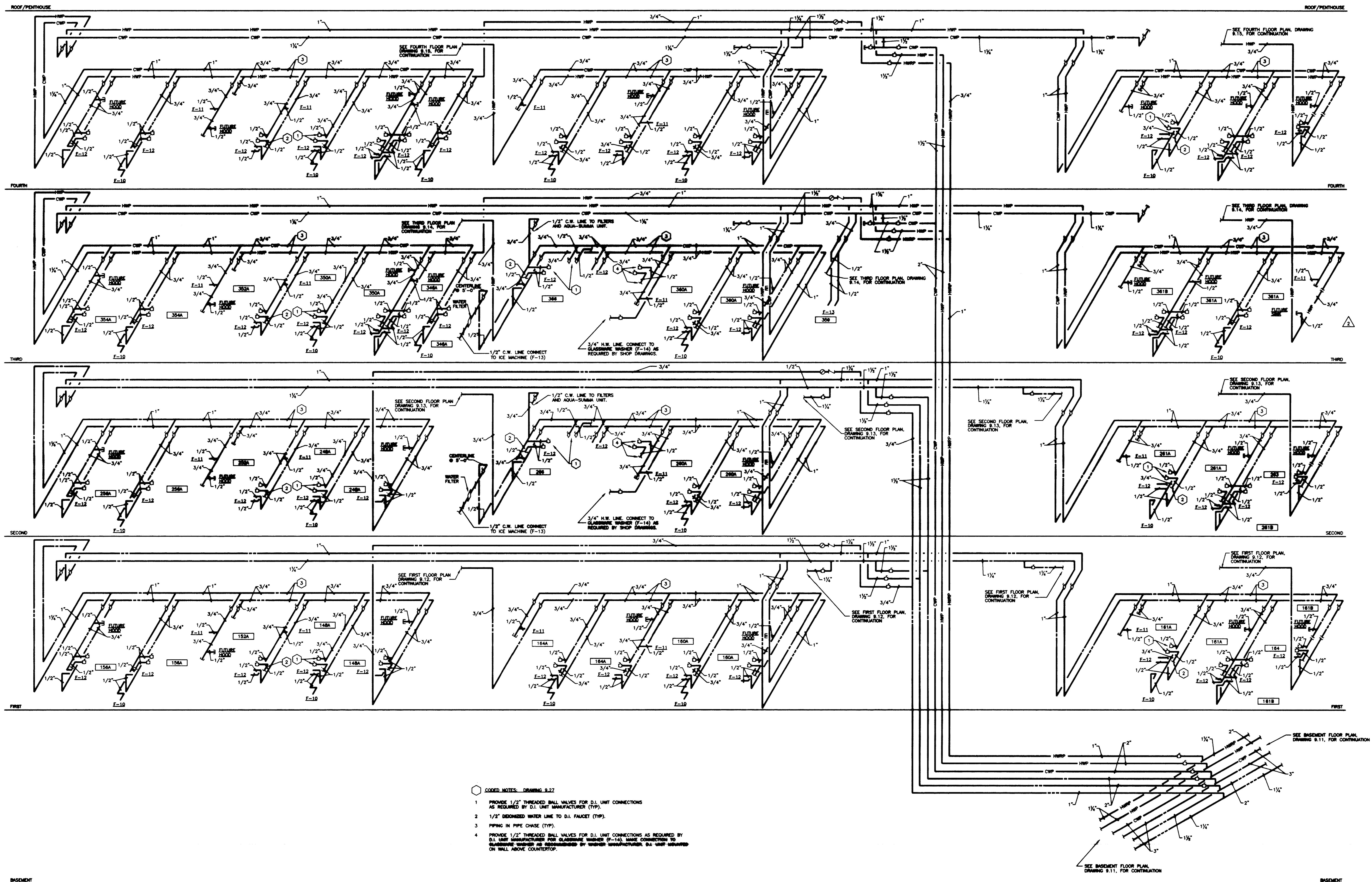
Staggs and Fisher Consulting Engineers, Inc.
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Lexington, Kentucky 40502



Revision Date
Issue Date Dec. 92
Drawing Title

PLUMBING-DOMESTIC WATER RISER DIAGRAMS

Drawn by
DHB
Checked by
DHB
Project No. Scale
80240.01 NO SCALE
Drawing No.
9.27R



- ADDED NOTES: DRAWING 9.27
1. PROVIDE 1/2" THREADED BALL VALVES FOR D.I. UNIT CONNECTIONS AS REQUIRED BY D.I. UNIT MANUFACTURER (TYP).
 2. 1/2" DEIONIZED WATER LINE TO D.I. FAUCET (TYP).
 3. PIPING IN PIPE CHASE (TYP).
 4. PROVIDE 1/2" THREADED BALL VALVES FOR D.I. UNIT CONNECTIONS AS REQUIRED BY D.I. UNIT MANUFACTURER FOR GLASSWARE WASHERS (F-14). MAKE CONNECTION TO BASEMENT UNDER AS INDICATED BY UNIT MANUFACTURER. DO NOT WELD ON WALL ABOVE COUNTERTOP.

HCR "B"
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DOMESTIC HOT & COLD WATER RISER DIAGRAM
NO SCALE

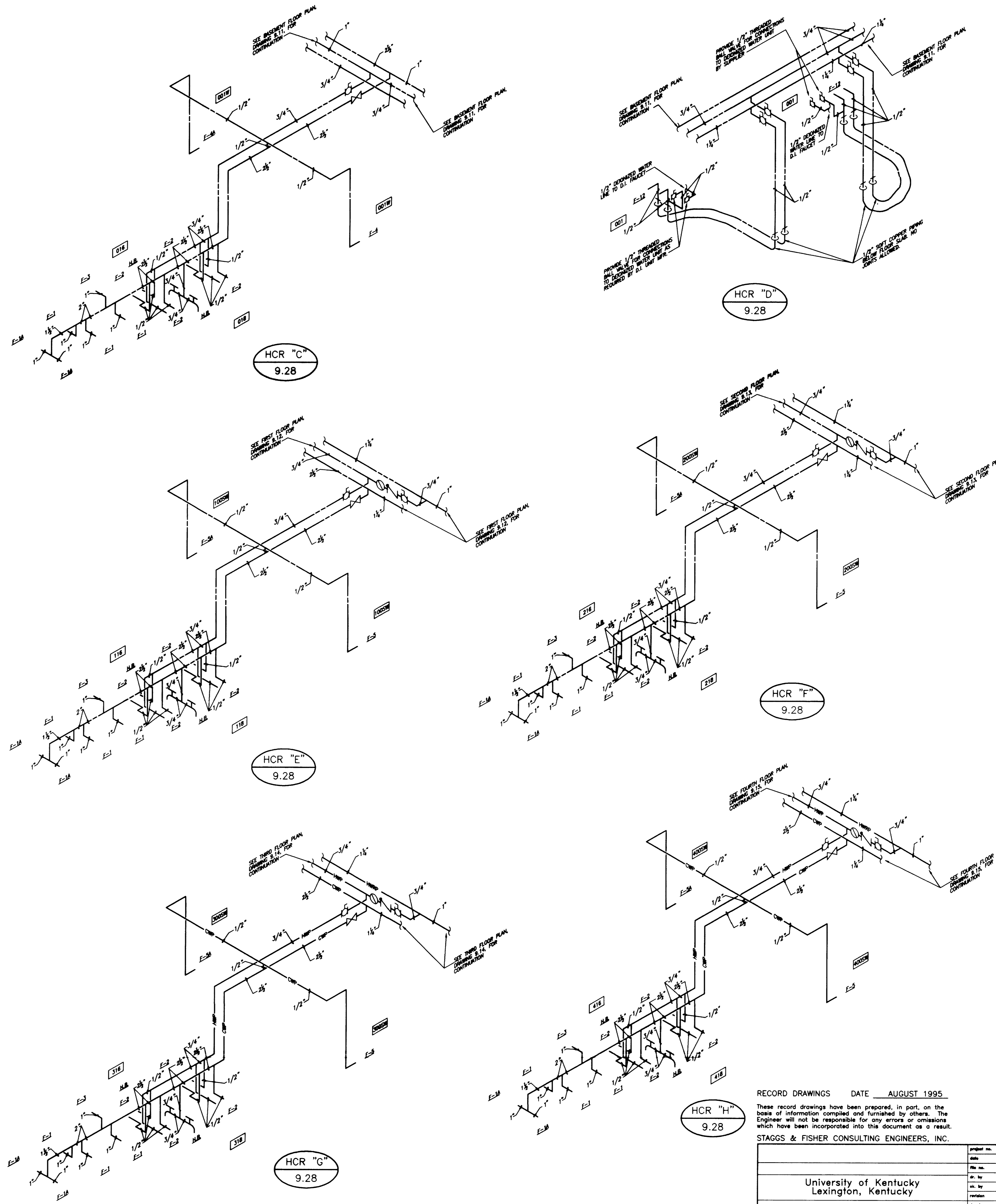
RECORD DRAWINGS DATE AUGUST 1995

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project no.	
date	
drawn by	DHB
checked by	DHB
project no.	80240.01
scale	NO SCALE
drawing no.	9.27R
approved by	FINAL DOCUMENTS
checked by	
date	



DOMESTIC HOT & COLD WATER RISER DIAGRAMS
NO SCALE

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RECORD DRAWINGS DATE AUGUST 1995
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project no.	
date	
file no.	
des. by	
checked by	
revision	
drawing no.	
approved by	FINAL DOCUMENTS
date	

THE UNIVERSITY OF KENTUCKY

MEDICAL RESEARCH EXPANSION SPACE
PROJECT NO. 747.0
Lexington, Kentucky

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• WOODFORD • INC.

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326 South Broadway
Lexington, Kentucky
606-254-8623

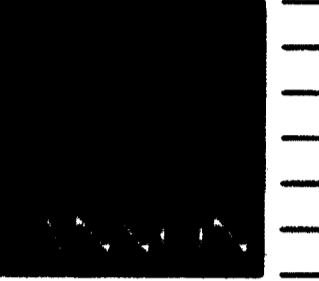
SF
Staggs and Fisher
Consulting Engineers, Inc.
317 South Ashland Avenue
Lexington, Kentucky 40502

STATE OF KENTUCKY
GUYTON H. BRANSON
REGISTERED PROFESSIONAL ENGINEER
14375

Revision	Date
Issue Date	DEC. 92
Drawing Title	
PLUMBING-DOMESTIC WATER RISER DIAGRAMS	
Drawn by	DWH
Checked by	DWH
Project No.	90240.01
Scale	NO SCALE
Drawing No.	9.28

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Cub.# Sheet Document# 46 002781



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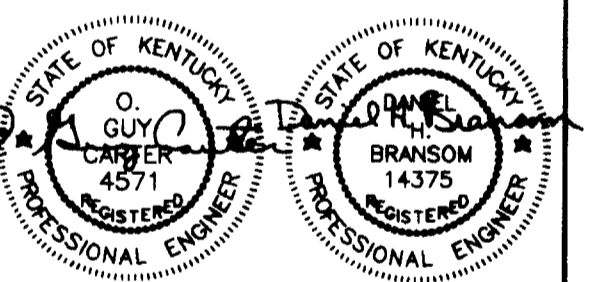
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317 South Ashland Avenue
Lexington, Kentucky 40502



Revision	Date
Issue Date	DEC. 92
Drawing Title	

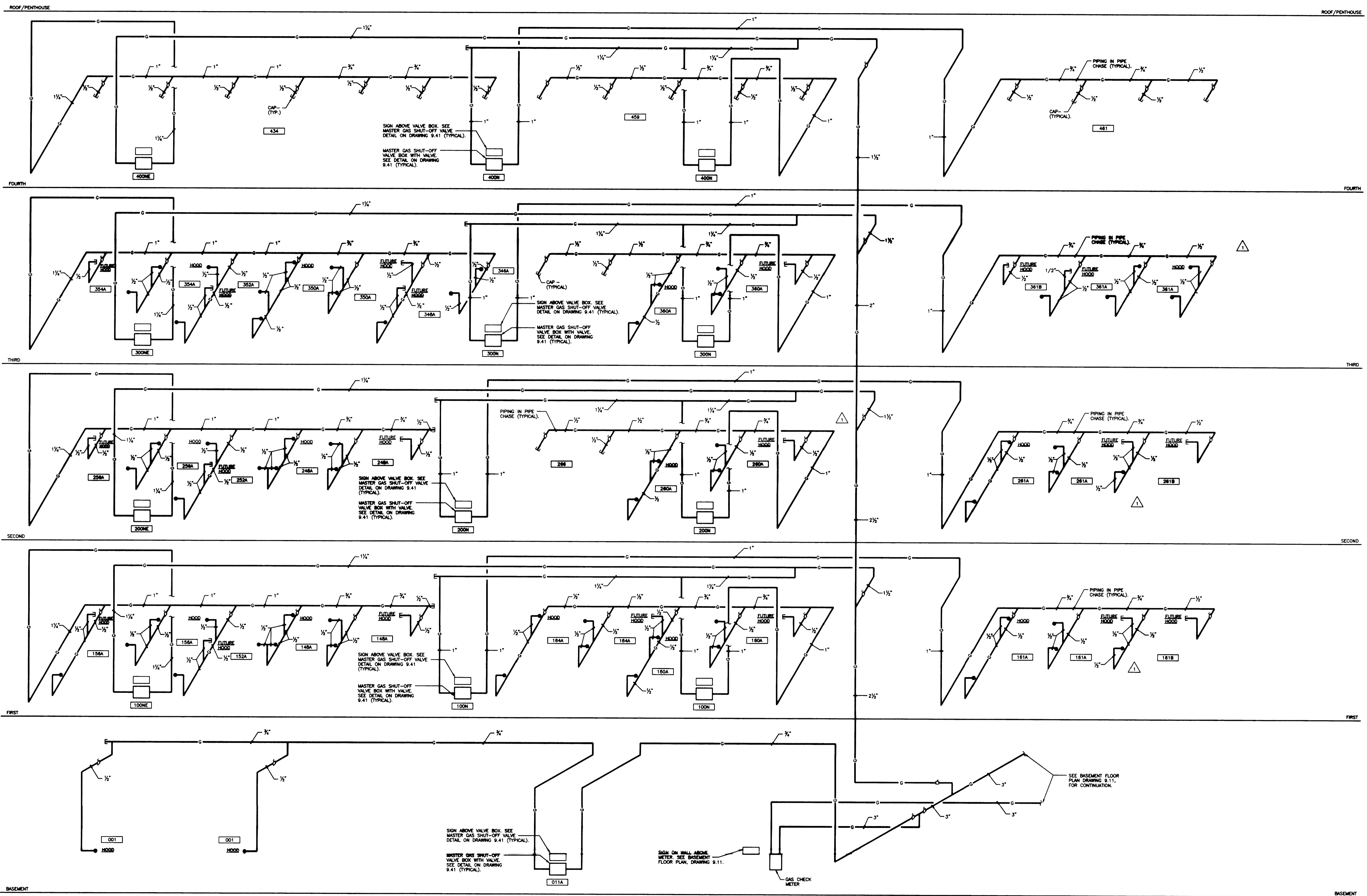
GAS PIPING SCHEMATIC RISER DIAGRAM "A"

Drawn by
DWH

Checked by
DHB

Project No. Scale
90240.01 NO SCALE

Drawing No.
9.30R



GAS PIPING SCHEMATIC RISER DIAGRAM "A"
NO SCALE

RECORD DRAWINGS DATE AUGUST 1995

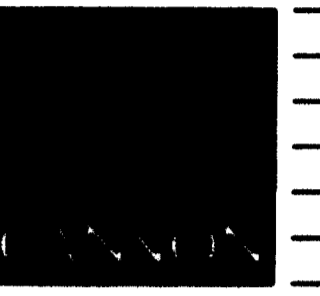
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Project No.	90240.01
Date	AUGUST 1995
By	DWH
Checked by	DHB
Project	MEDICAL RESEARCH EXPANSION SPACE
Drawing	9.30R
Scale	NO SCALE
Project No.	90240.01
Drawing No.	9.30R

FINAL DOCUMENTS



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CMW

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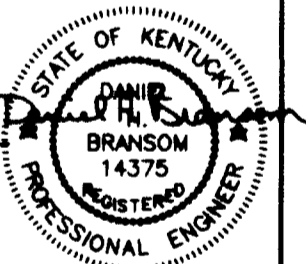
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SF

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317 South Ashland Avenue
Lexington, Kentucky 40502



Revision Date
Issue Date DEC. 92

Drawing Title

GAS PIPING SCHEMATIC
RISER DIAGRAM "B"

Drawn by

DWH

Checked by

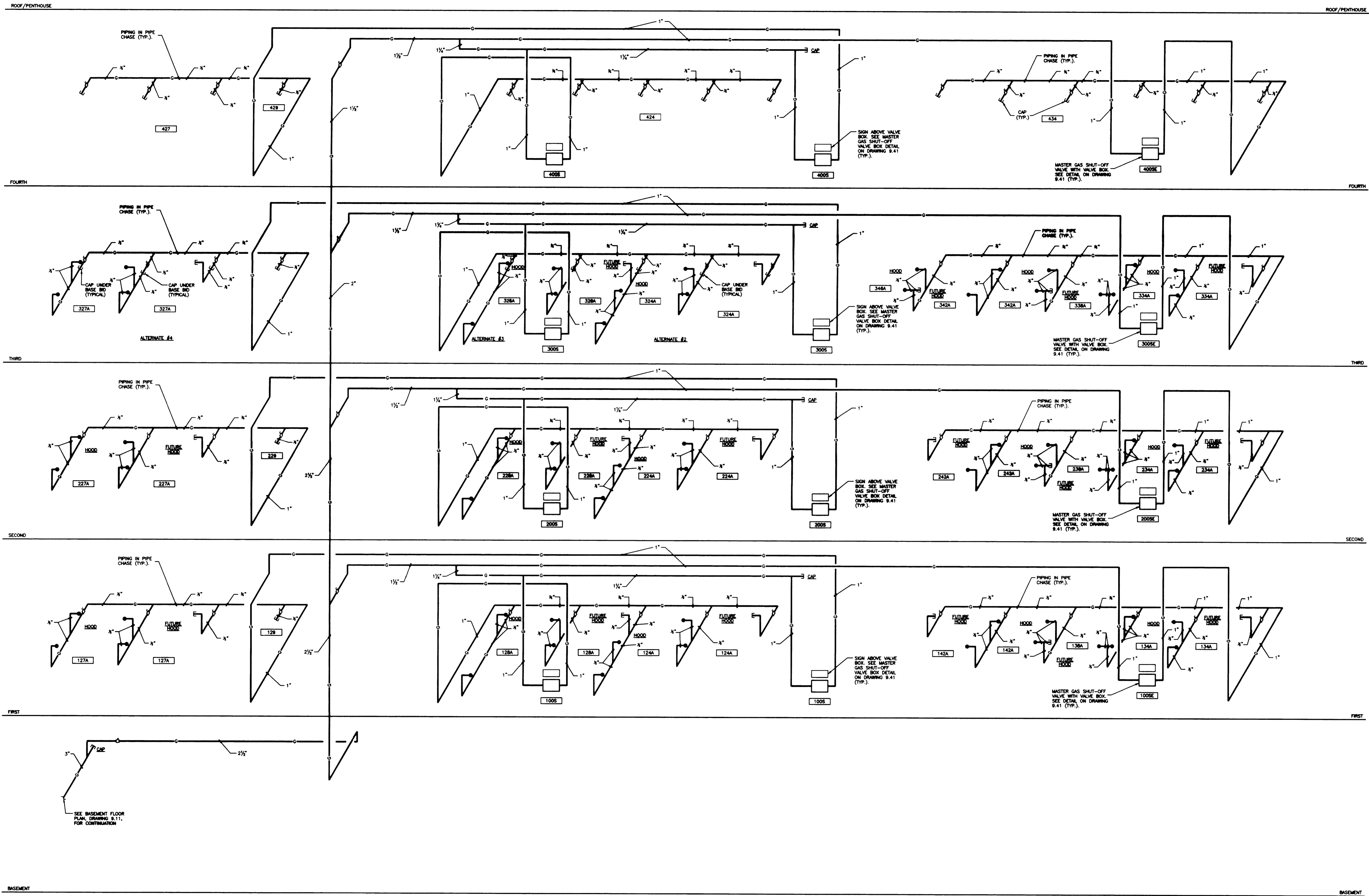
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Project No. Scale

90240.01 NO SCALE

Drawing No.

9.31R



GAS PIPING SCHEMATIC RISER DIAGRAM "B"
NO SCALE

RECORD DRAWINGS DATE AUGUST 1995

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project no.	
date	
file no.	
dr. by	
checked	
drawing no.	
<p>University of Kentucky Lexington, Kentucky</p> <p>approved by FINAL DOCUMENTS</p>	

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Sheet B-1 002783



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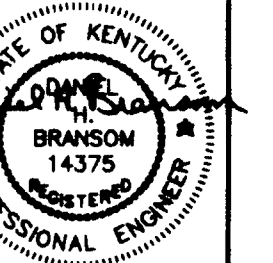
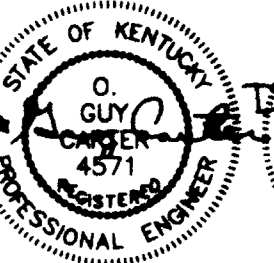
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SF

Staggs and Fisher Consulting Engineers, Inc. 317 South Ashland Street Lexington, Kentucky 40502



Revision Date Issue Date DEC. 92 Drawing Title

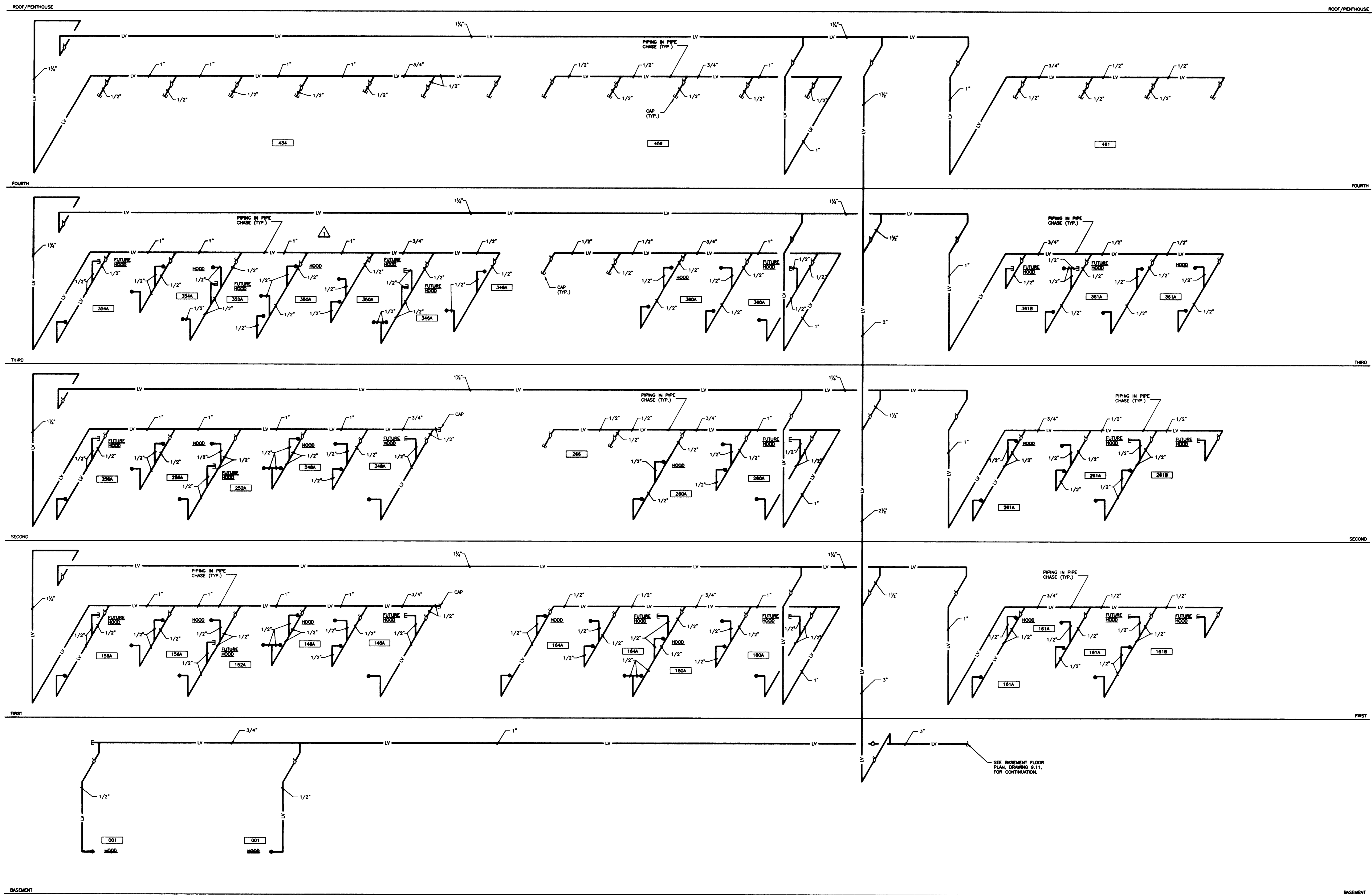
LABORATORY VACUUM PIPING SCHEMATIC RISER DIAGRAM "A"

Drawn by DMH

Checked by DMH

Project No. Scale 80240.01 NO SCALE

Drawing No. 9.32R



LABORATORY VACUUM PIPING SCHEMATIC RISER DIAGRAM "A" NO SCALE

RECORD DRAWINGS DATE AUGUST 1995

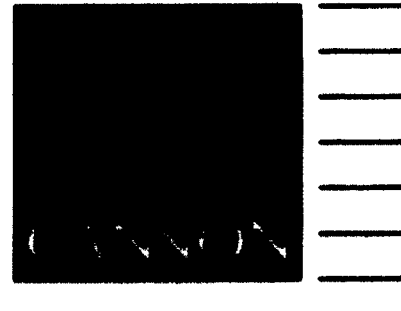
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Project No.	80240.01
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Drawing No.	9.32R
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Checked	DMH
Project	
Date	
Scale	
Drawing	
Project	
Date	
Scale	
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Project	
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Drawing	

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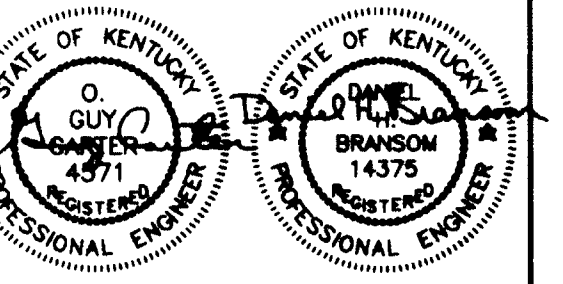
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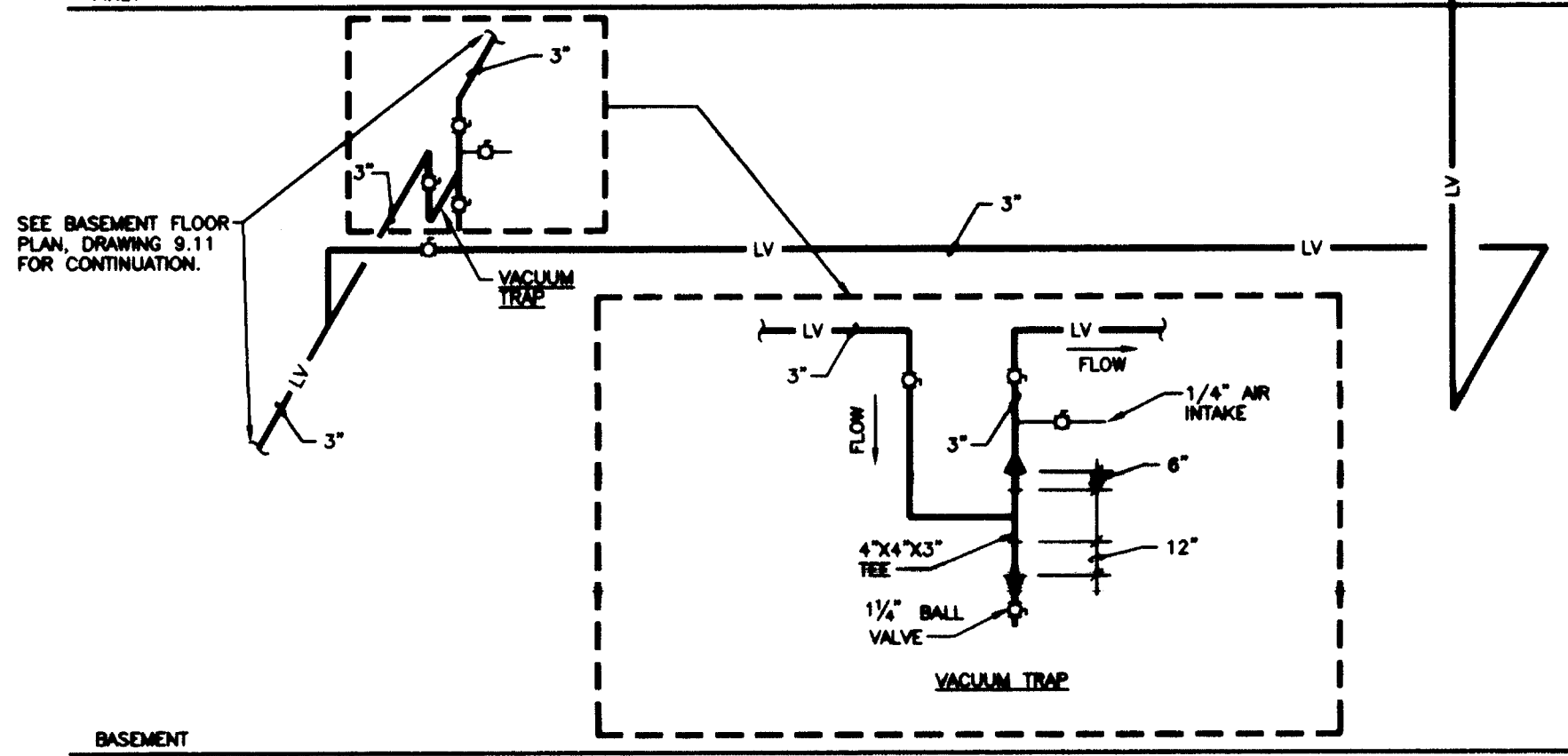
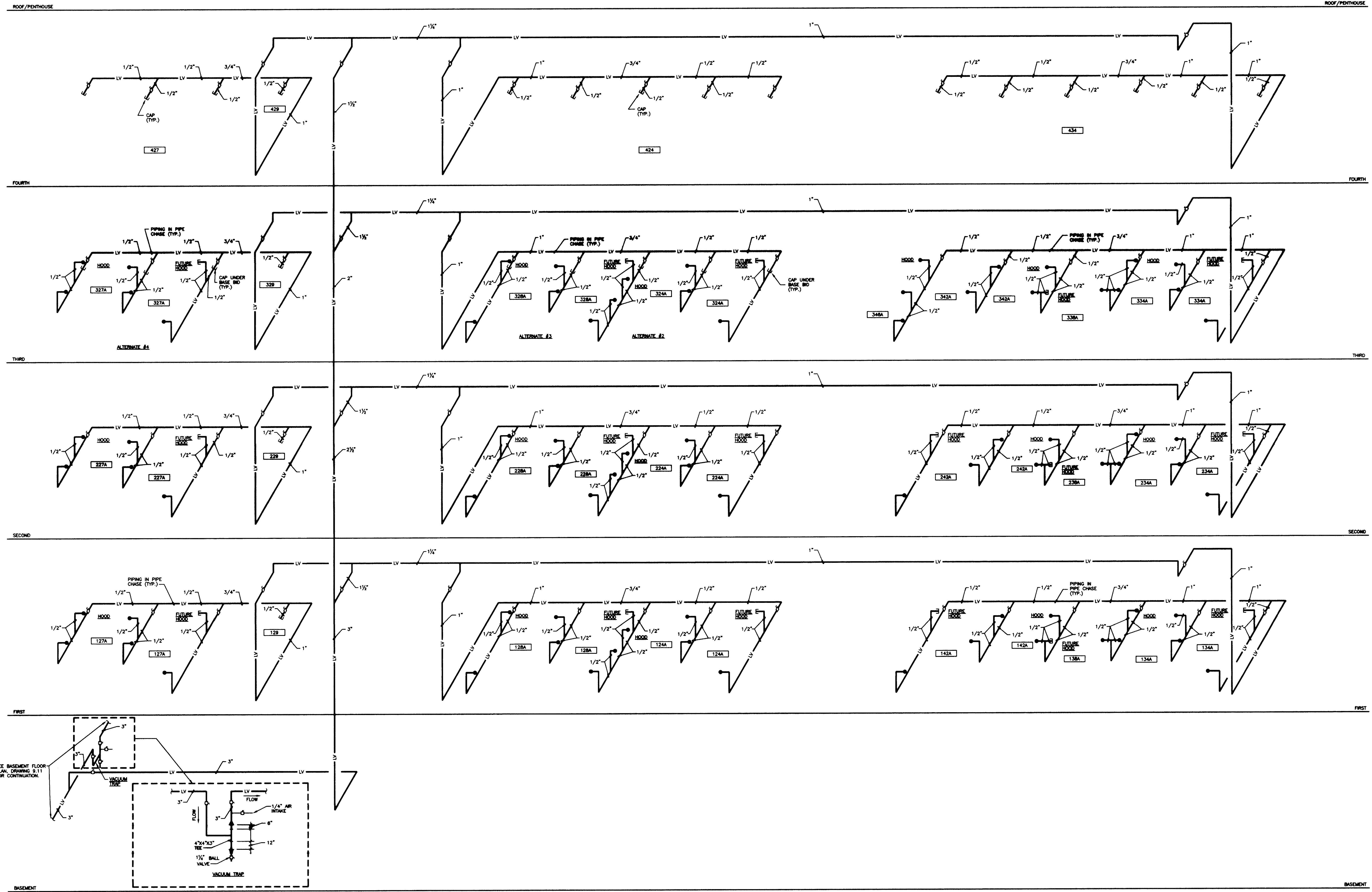
Staggs and Fisher Consulting Engineers, Inc. 317 South Ashland Avenue Lexington, Kentucky 40502



Revision	Date

LABORATORY VACUUM PIPING SCHEMATIC RISER DIAGRAM "B"

Drawn by: DWH
 Checked by: DWH
 Project No.: 90240.01
 Scale: NO SCALE
 Drawing No.: 9.33



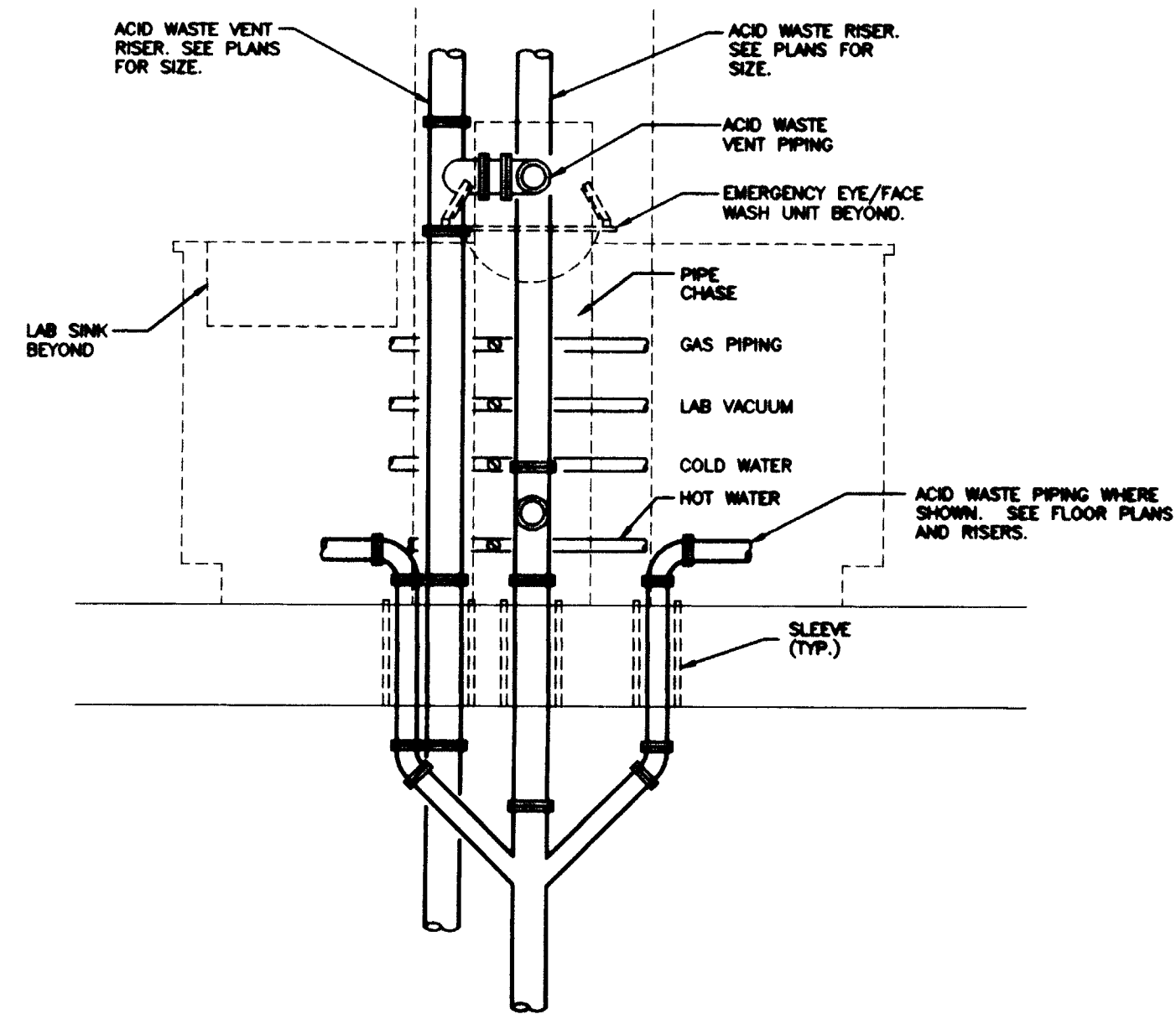
LABORATORY VACUUM PIPING SCHEMATIC RISER DIAGRAM "B"
 NO SCALE

RECORD DRAWINGS DATE AUGUST 1995
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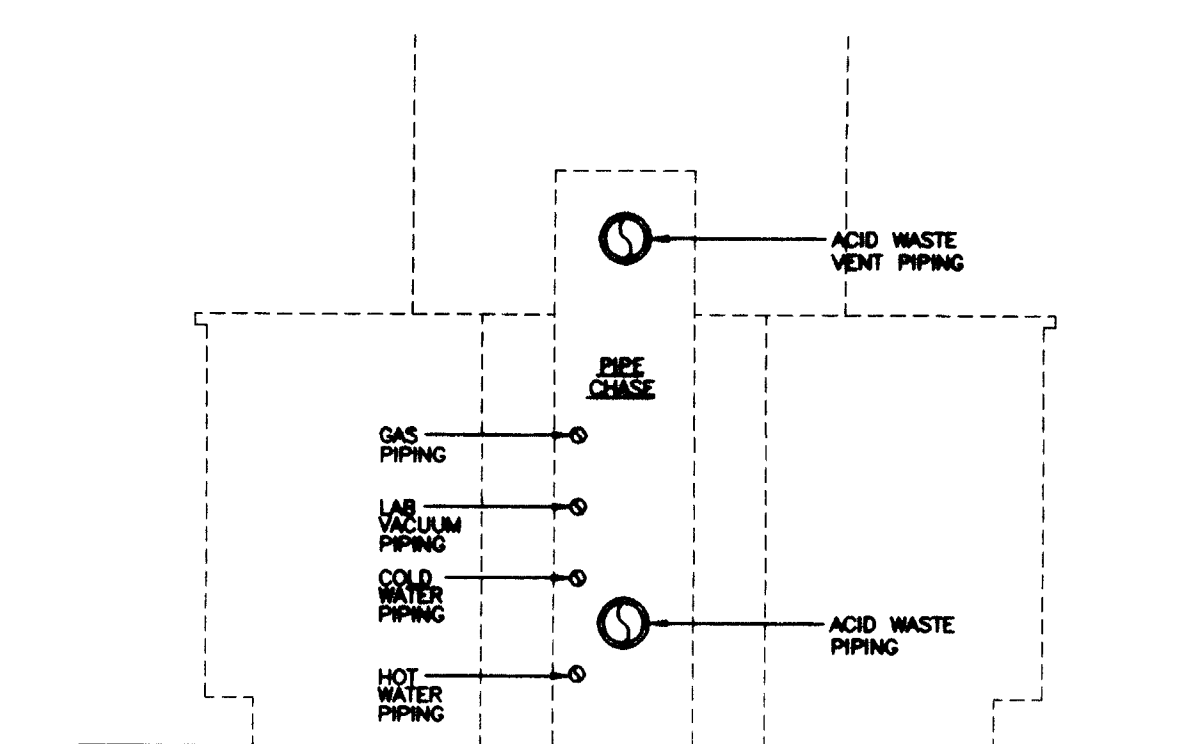
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project no.	
date	
file no.	
dr. by	
checked by	
revision	
drawing no.	
approved by	
date	

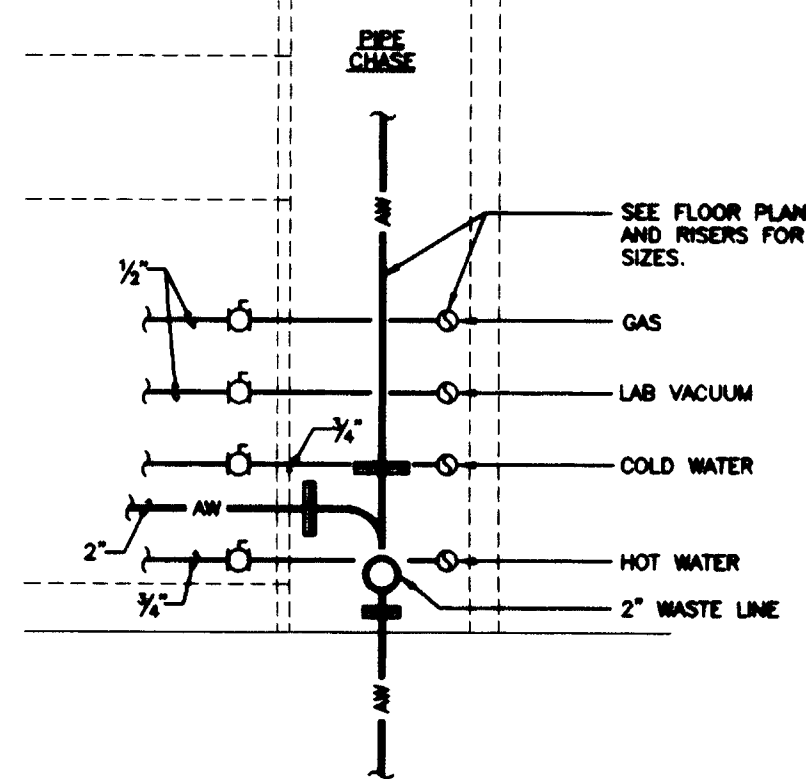
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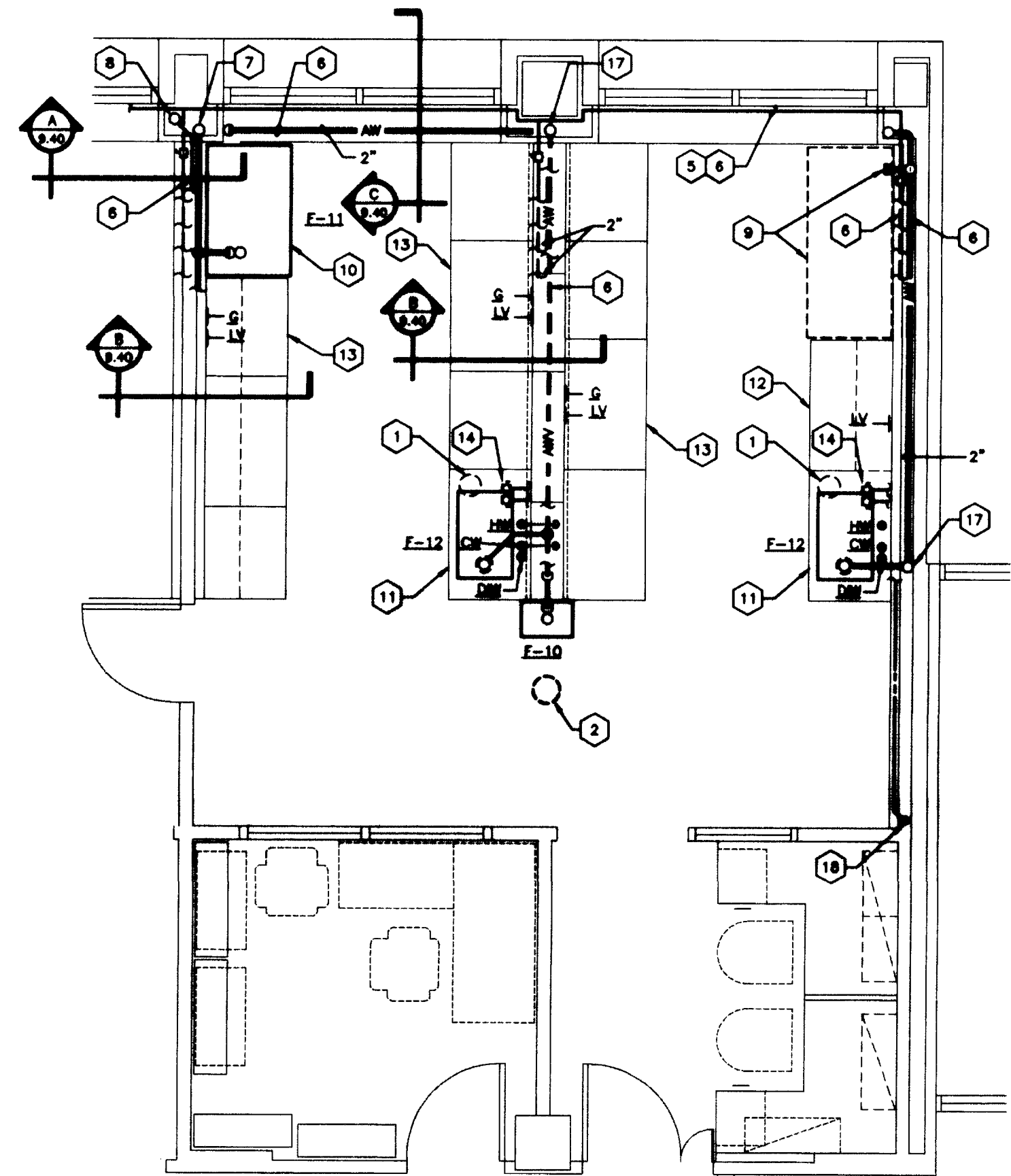
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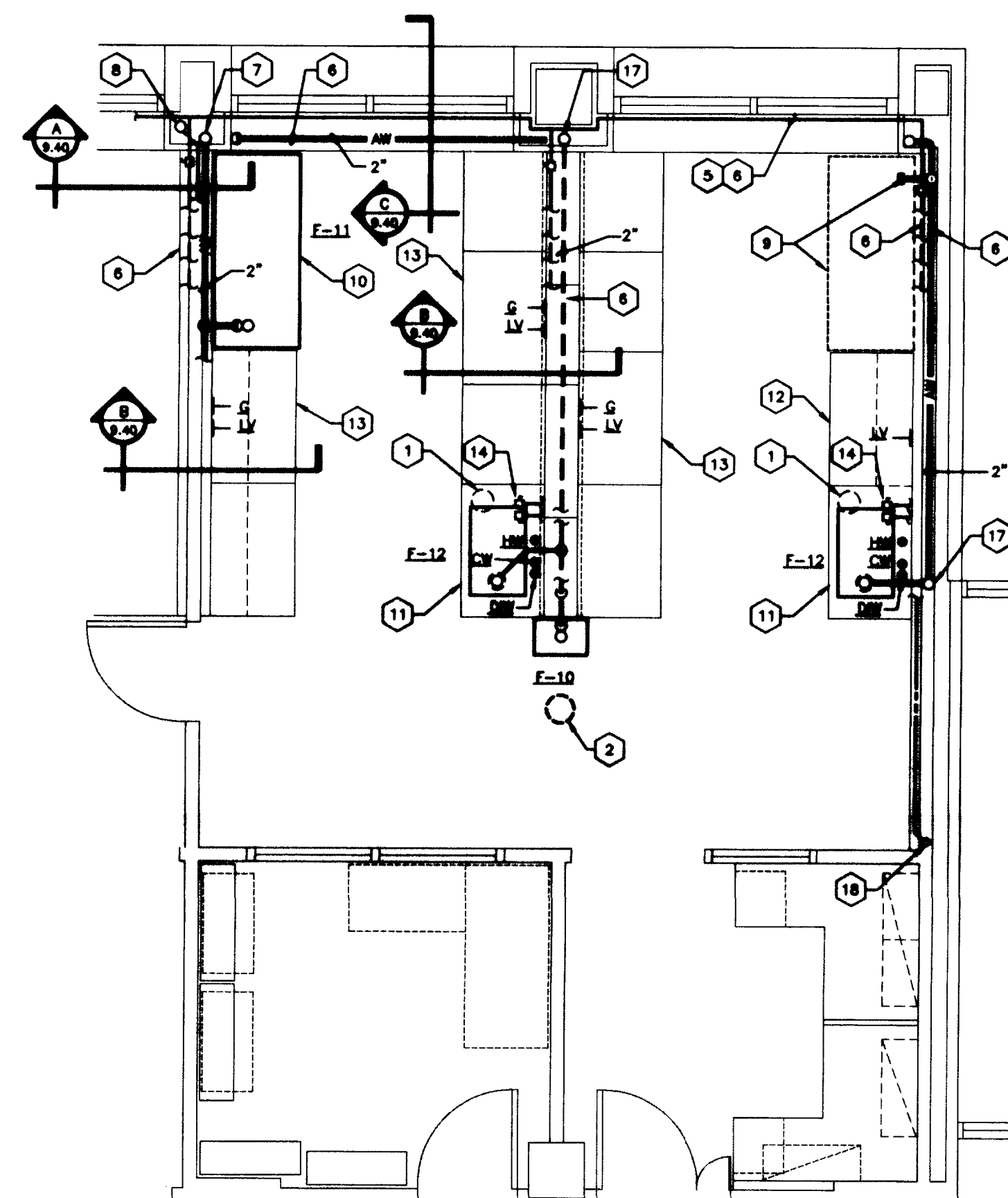
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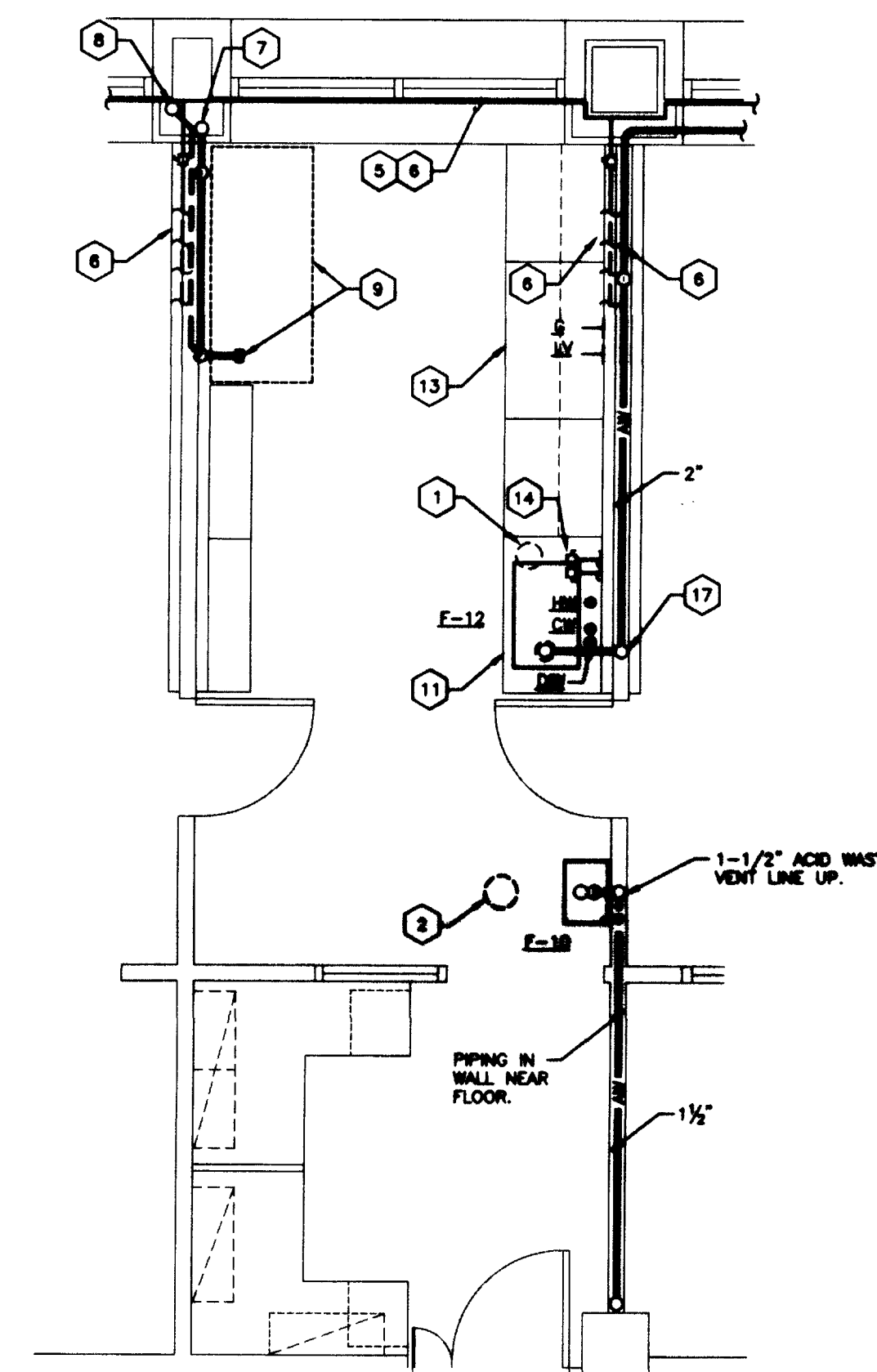
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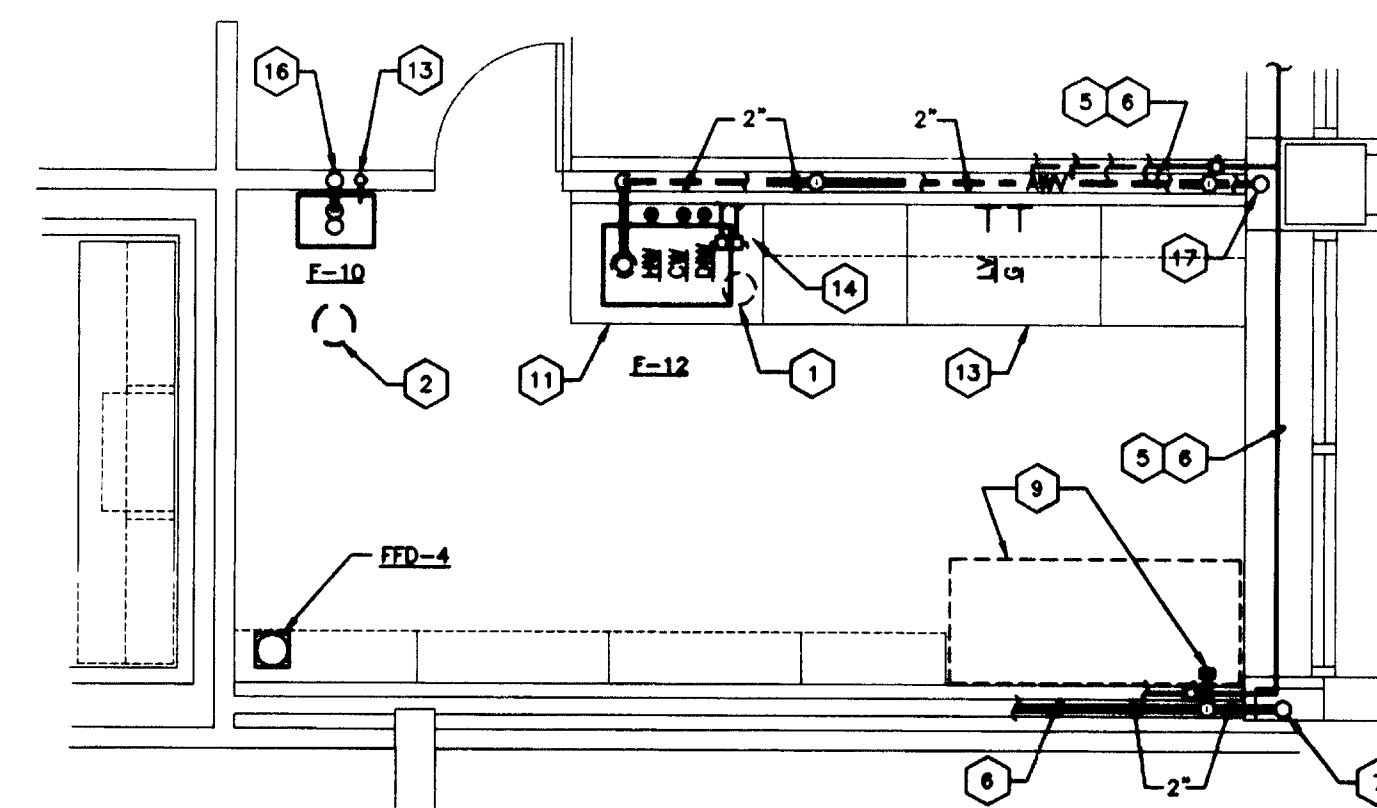
ENLARGED PLAN -
LABS 161A, 148A, 134A, 127A, 128A, 124A
LABS 261A, 242A, 234A, 227A, 228A, 224A
LAB 142A (OPP. HAND)
SCALE: 1/4"= 1'-0"



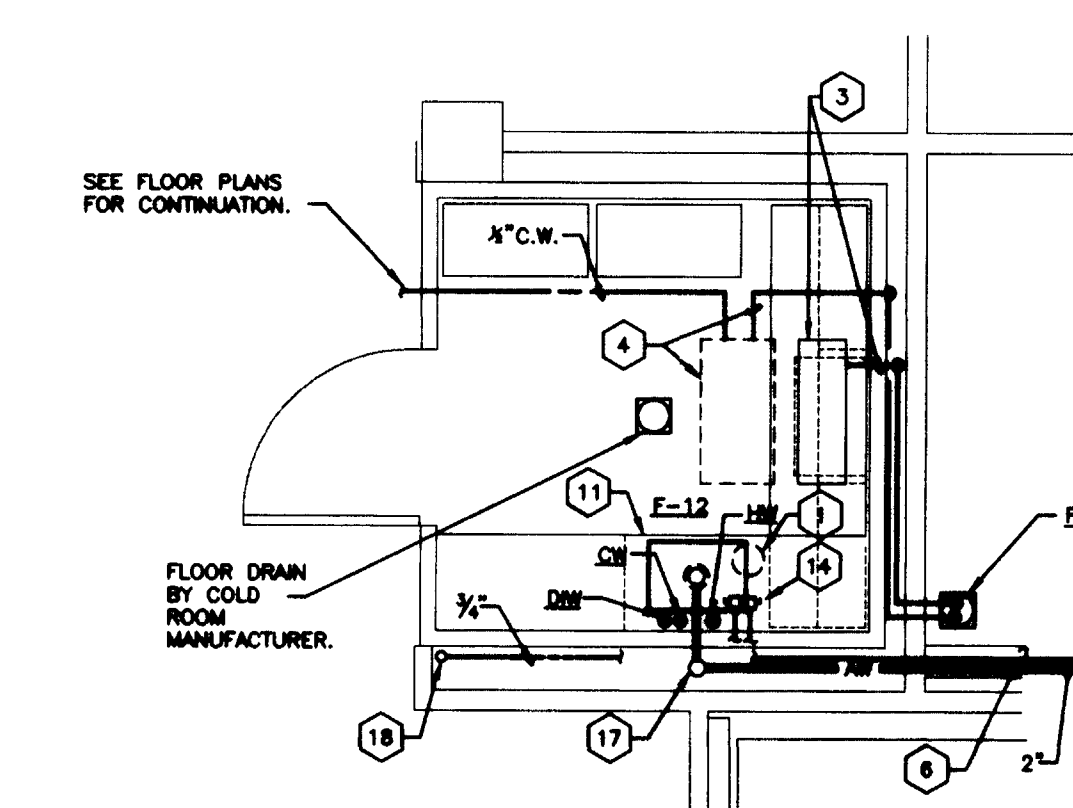
ENLARGED PLAN -
LABS 160A & 164A
LABS 260A & 248A
LAB 156A & 256A (OPP. HAND)
SCALE: 1/4"= 1'-0"



ENLARGED PLAN -
LABS 152A & 138A
LABS 252A & 238A
SCALE: 1/4"= 1'-0"



ENLARGED PLAN -
LABS 161B & 261B
SCALE: 1/4"= 1'-0"



ENLARGED PLAN -
COLD ROOM 163, 263, 463
COLD ROOM 325 (OPP. HAND)
SCALE: 1/4"= 1'-0"

CODED NOTES: DRAWING 9.40

- 1 DEIONIZED WATER UNIT IN SINK BASE CABINET.
- 2 EMERGENCY SHOWER HEAD (7-9) IN CEILING. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATION.
- 3 EVAPORATOR COIL --- PLUMBING CONNECTIONS REQUIRED; WASTE DRAIN. PIPE FULL SIZE TO FLOOR DRAIN.
- 4 CONDENSING UNIT ON ROOF FOR COLD ROOM UNIT --- PLUMBING CONNECTIONS REQUIRED --- COLD WATER AND WASTE DRAIN. PIPE FULL SIZE TO FLOOR DRAIN.
- 5 GAS, LAB VACUUM, COLD WATER AND HOT WATER PIPING.
- 6 PIPING IN PIPE CHASE. SEE FLOOR PLANS AND RISERS FOR PIPE SIZES NOT SHOWN.
- 7 ACID WASTE RISER. SEE FLOOR PLAN(S) FOR SIZE(S).
- 8 ACID WASTE VENT RISER. SEE FLOOR PLAN(S) FOR SIZE(S).
- 9 FUTURE HOOD WITH CLIP SINK --- PLUMBING CONNECTIONS REQUIRED; PROVIDE CAPPED 1/2" COLD WATER, 1/2" GAS, 1/2" LAB VACUUM AND 1-1/2" ACID WASTE LINES IN PIPE CHASE.
- 10 FUME HOOD WITH CLIP SINK (7-11) --- PLUMBING CONNECTIONS REQUIRED; COLD WATER, GAS, LAB VACUUM AND ACID WASTE DRAIN.
- 11 LABORATORY UNIT WITH SINK (7-12) --- PLUMBING CONNECTIONS REQUIRED; HOT WATER, COLD WATER, DEIONIZED WATER AND ACID WASTE DRAIN.
- 12 LABORATORY UNIT WITH SERVICE OUTLET --- PLUMBING CONNECTIONS REQUIRED; LAB VACUUM.
- 13 LABORATORY UNIT WITH SERVICE OUTLETS --- PLUMBING CONNECTIONS REQUIRED; GAS AND LAB VACUUM.
- 14 PROVIDE 1/2" THREADED BALL VALVES FOR CONNECTIONS TO DEIONIZED WATER UNIT AS REQUIRED BY DEIONIZED WATER UNIT MANUFACTURER.
- 15 1/2" COLD WATER LINE UP.
- 16 1-1/2" ACID WASTE VENT LINE UP AND 1-1/2" ACID WASTE LINE DOWN.
- 17 2" ACID WASTE VENT LINE UP.
- 18 3/4" H.W. LINE UP.

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Rev. No.	
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Chk. by	
Revision	
Drawing	

University of Kentucky
Lexington, Kentucky

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MEDICAL RESEARCH EXPANSION SPACE PROJECT NO. 747.0 Lexington, Kentucky

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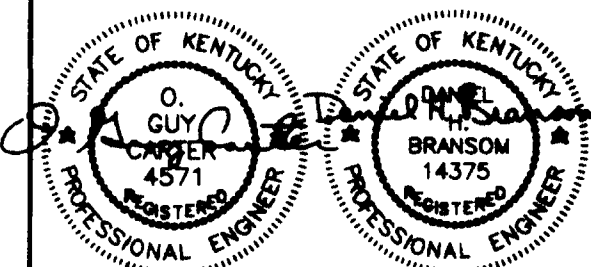
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Lexington, Kentucky 40502

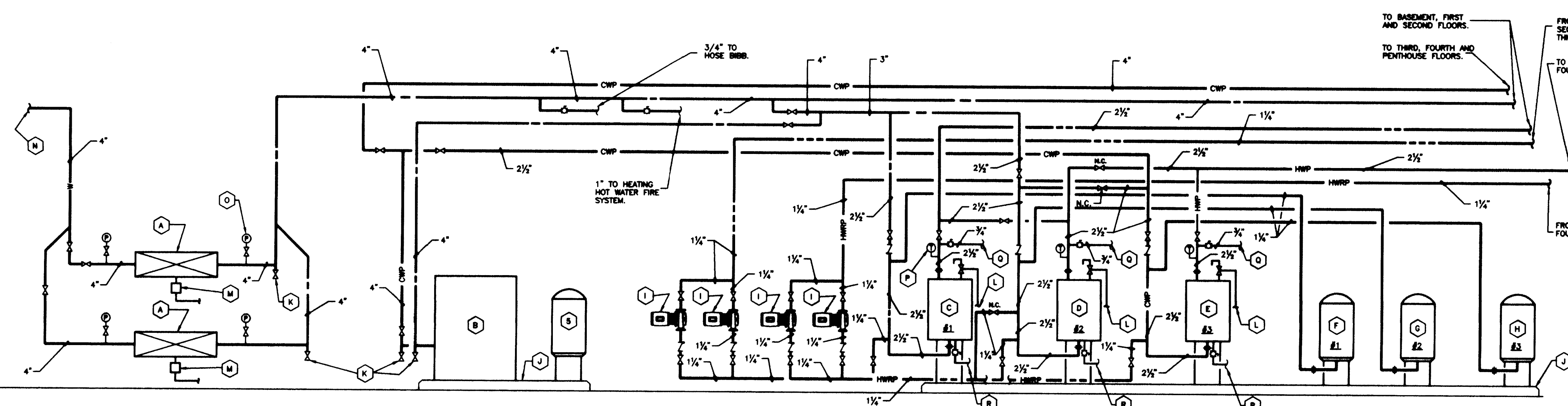


Revision Date
Issue Date DEC. 92
Drawing Title

PLUMBING DETAILS

Drawn by DWH
Checked by DWH
Project No. 90240.01
Scale AS NOTED
Drawing No. 9.40

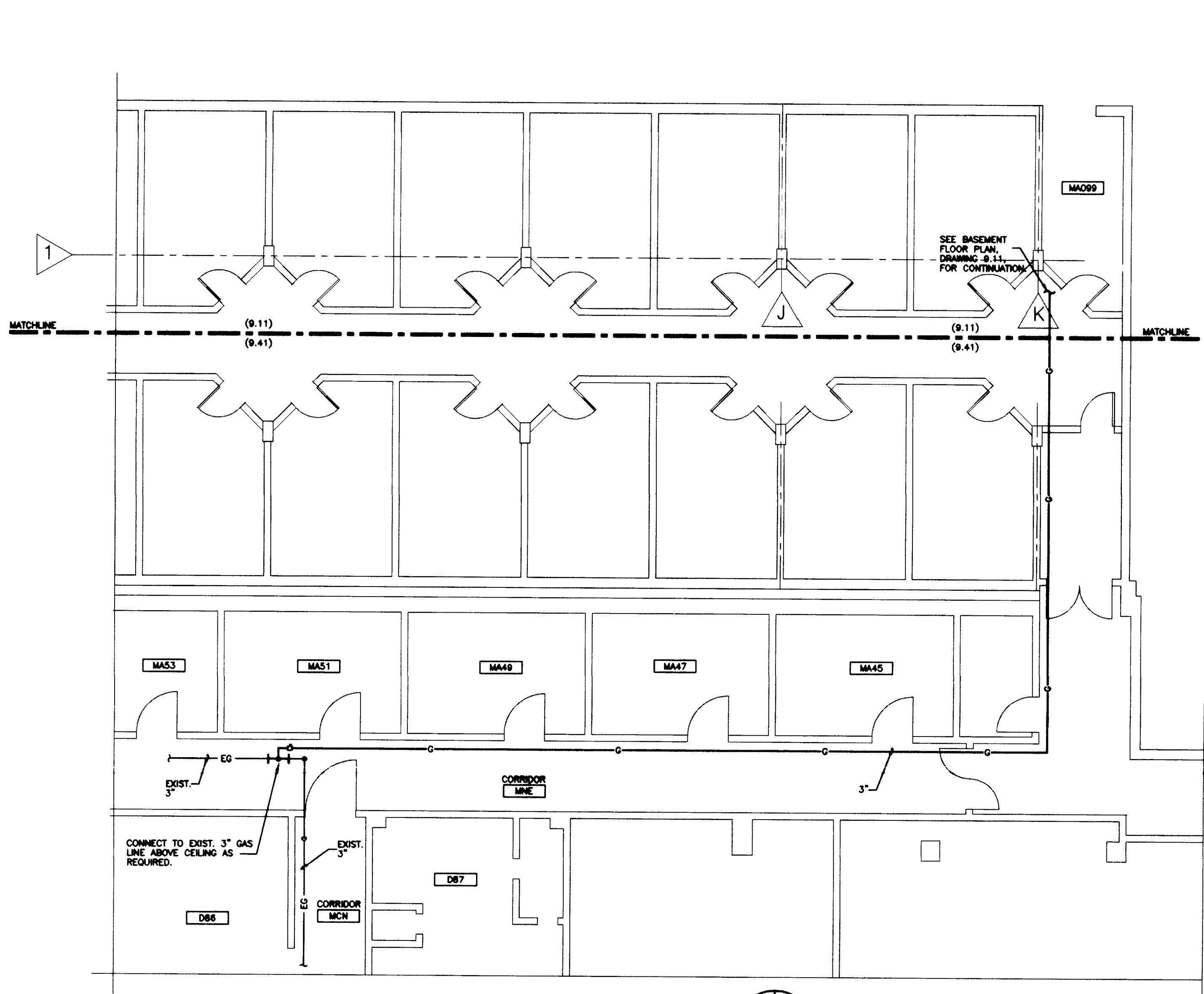
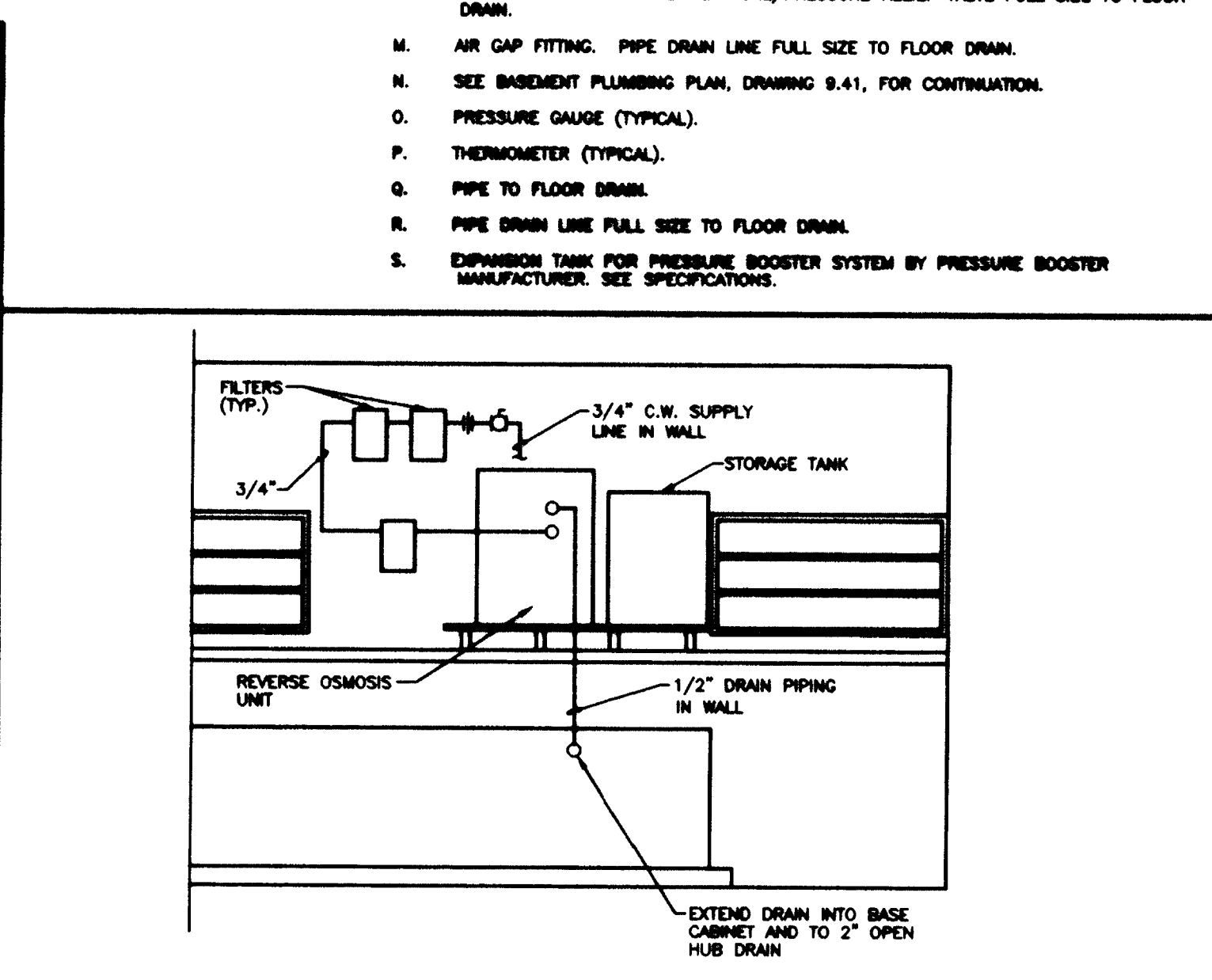
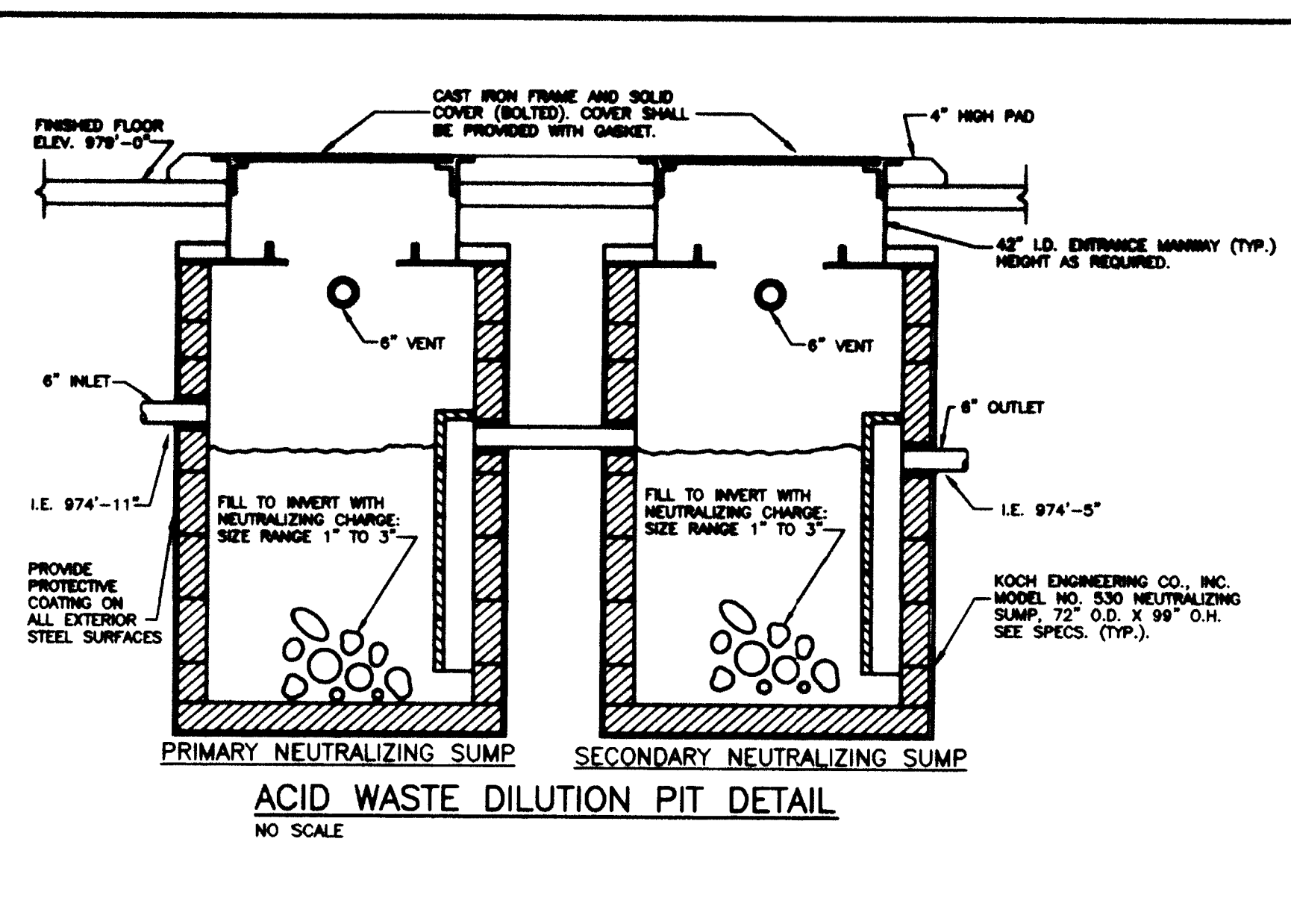
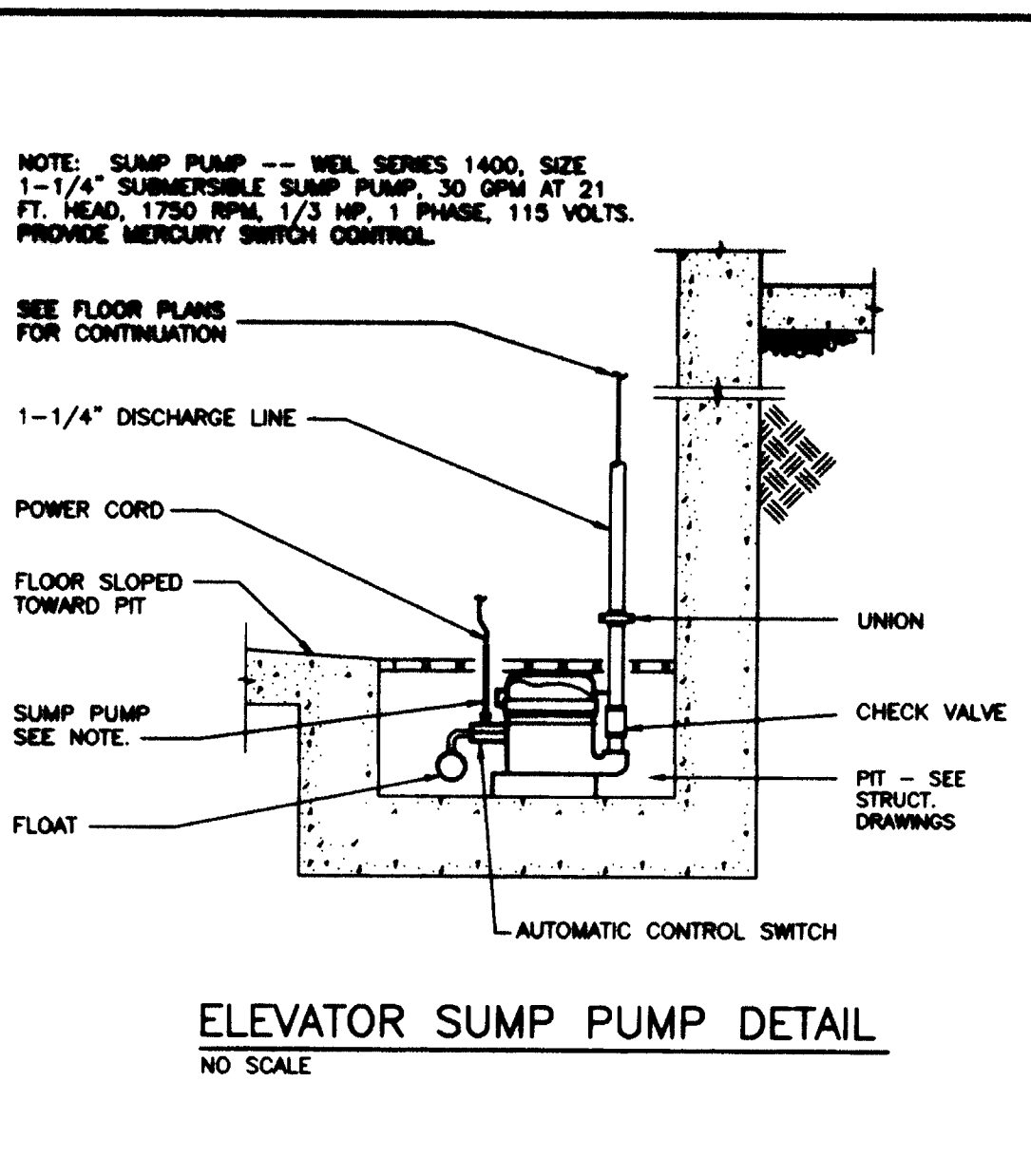
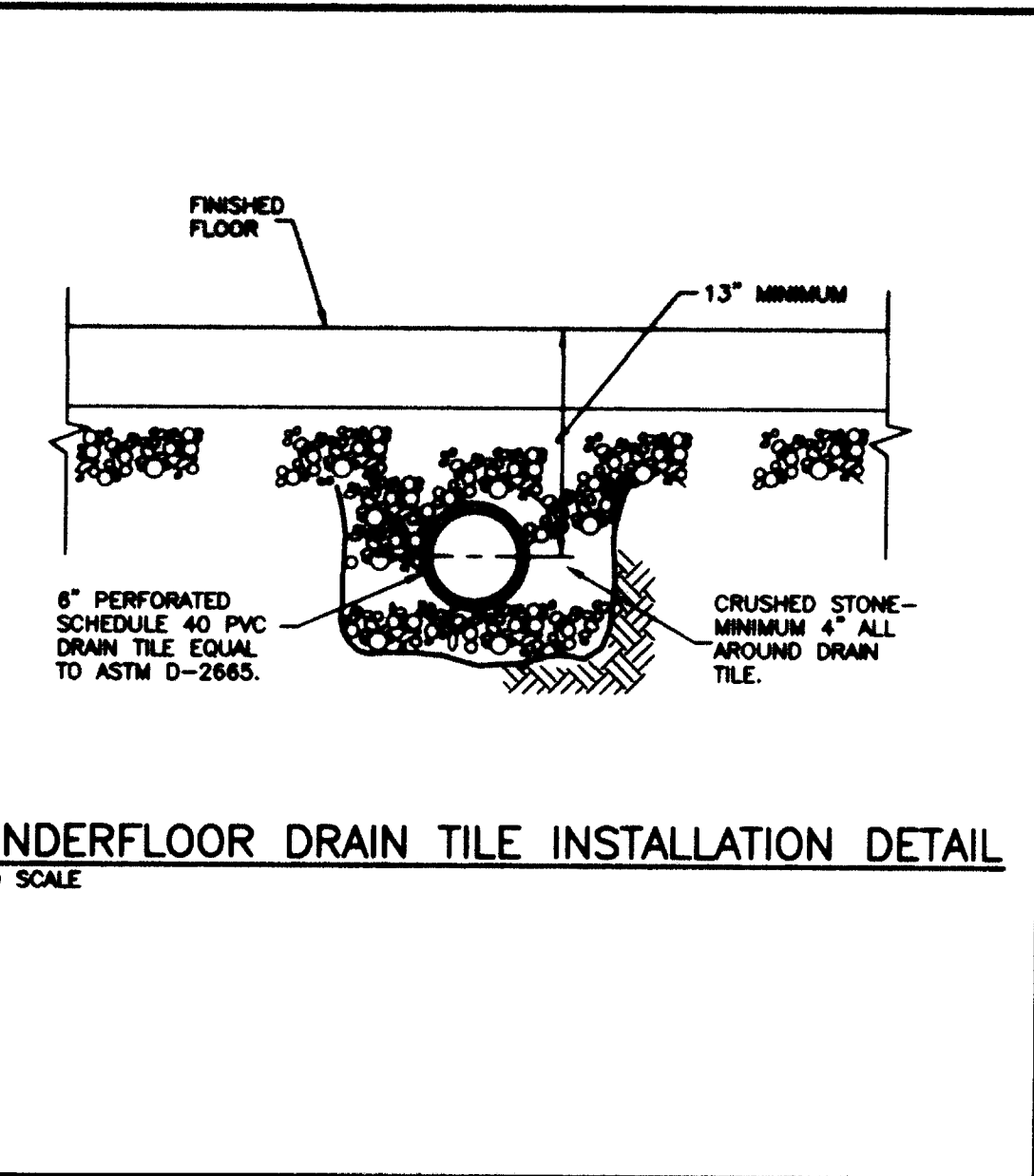
786
46 B-1 002786



DOMESTIC WATER SERVICE ENTRANCE FLOW DIAGRAM
NO SCALE

- CODED NOTES:**
- REDUCED PRESSURE BACKFLOW PREVENTER WITH STRAINER AND O.S. & Y. GATE VALVES. PROVIDE SUPPORT UNDER EACH VALVE. VERIFY MINIMUM AND MAXIMUM CLEARANCES WITH LOCAL WATER COMPANY.
 - DOMESTIC WATER THROUGH PRESSURE BOOSTER SYSTEM. PRESSURE BOOSTER SYSTEM, 120 GPM TOTAL DISCHARGE AT 80 PSI WITH A SUCTION PRESSURE OF 64 PSI. TOTAL SYSTEM HEAD OF 50 PSI EXCLUSIVE OF INTERNAL LOSSES. 480 VOLTS, 3-PHASE, 60 CYCLES.
 - PUMP #1 - SIZE 18, 48 GPM 40PSI SYSTEMS AT 54 FT. TDH INCLUDING 1-1/2" PRV LOSS, 1-1/2" H.P., 3600 RPM
 - PUMP #2 - SIZE 18, 36 GPM 20PSI SYSTEMS AT 54 FT. TDH INCLUDING 1-1/2" PRV LOSS, 1-1/2" H.P., 3600 RPM
 - PUMP #3 - SIZE 18, 36 GPM 20PSI SYSTEMS AT 54 FT. TDH INCLUDING 1-1/2" PRV LOSS, 1-1/2" H.P., 3600 RPM
 - WATER HEATER #1: CITY WATER PRESSURE - AERCO B-PLUS PACKAGED WATER HEATER MODEL NO. SW18-07/125/70, 80 GPM, 75 PSIG STEAM TO VALVE, 2000 LBS./HR. STEAM WITH WATER TEMPERATURE RISE FROM 40 DEG. F. TO 120 DEG. F., PNEUMATIC CONTROL VALVE, AND ORIFICE UNION.
 - WATER HEATER #2 (SHOWER): CITY WATER PRESSURE OR PRESSURIZED WATER SYSTEM - AERCO B-PLUS PACKAGED WATER HEATER MODEL NO. SW18-07/125/70, 80 GPM, 75 PSIG STEAM TO VALVE, 2000 LBS./HR. STEAM WITH WATER TEMPERATURE RISE FROM 40 DEG. F. TO 120 DEG. F., PNEUMATIC CONTROL VALVE, AND ORIFICE UNION.
 - WATER HEATER #3: PRESSURIZED WATER SYSTEM - AERCO B-PLUS PACKAGED WATER HEATER MODEL NO. SW18-07/125/70, 80 GPM, 75 PSIG STEAM TO VALVE, 2000 LBS./HR. STEAM WITH WATER TEMPERATURE RISE FROM 40 DEG. F. TO 120 DEG. F., PNEUMATIC CONTROL VALVE, AND ORIFICE UNION.
 - EXPANSION TANK #1 - ANTRON AST EXTRAL MODEL NO. AST-42, 17.5 GALLON TANK VOLUME, 11.3 GALLON ACCEPTANCE VOLUME, PRE-CHARGED AT 55 PSIG, ASME TANK.
 - EXPANSION TANK #2 - ANTRON AST EXTRAL MODEL NO. AST-42, 17.5 GALLON TANK VOLUME, 11.3 GALLON ACCEPTANCE VOLUME, PRE-CHARGED AT 55 PSIG, ASME TANK.
 - EXPANSION TANK #3 - ANTRON AST EXTRAL MODEL NO. AST-42, 17.5 GALLON TANK VOLUME, 11.3 GALLON ACCEPTANCE VOLUME, PRE-CHARGED AT 55 PSIG, ASME TANK.
 - DOMESTIC HOT WATER RECIRCULATING PUMP - BAG ALL BRONZE SERIES PR, 1-1/4", 10 GPM AT 11 FT. HEAD, 1750 RPM, 1/8 H.P., SINGLE PHASE, 115 VOLTS.
 - DRAIN VALVE WHERE REQUIRED.
 - PIPE DISCHARGE FROM TEMPERATURE/PRESSURE RELIEF VALVE FULL SIZE TO FLOOR DRAIN.
 - AIR GAP FITTING. PIPE DRAIN LINE FULL SIZE TO FLOOR DRAIN.
 - SEE BASEMENT PLUMBING PLAN, DRAWING 9.41, FOR CONTINUATION.
 - SEE GAUGE (TYPICAL).
 - THERMOMETER (TYPICAL).
 - PIPE TO FLOOR DRAIN.
 - PIPE DRAIN LINE FULL SIZE TO FLOOR DRAIN.
 - EXPANSION TANK FOR PRESSURE BOOSTER SYSTEM BY PRESSURE BOOSTER MANUFACTURER. SEE SPECIFICATIONS.

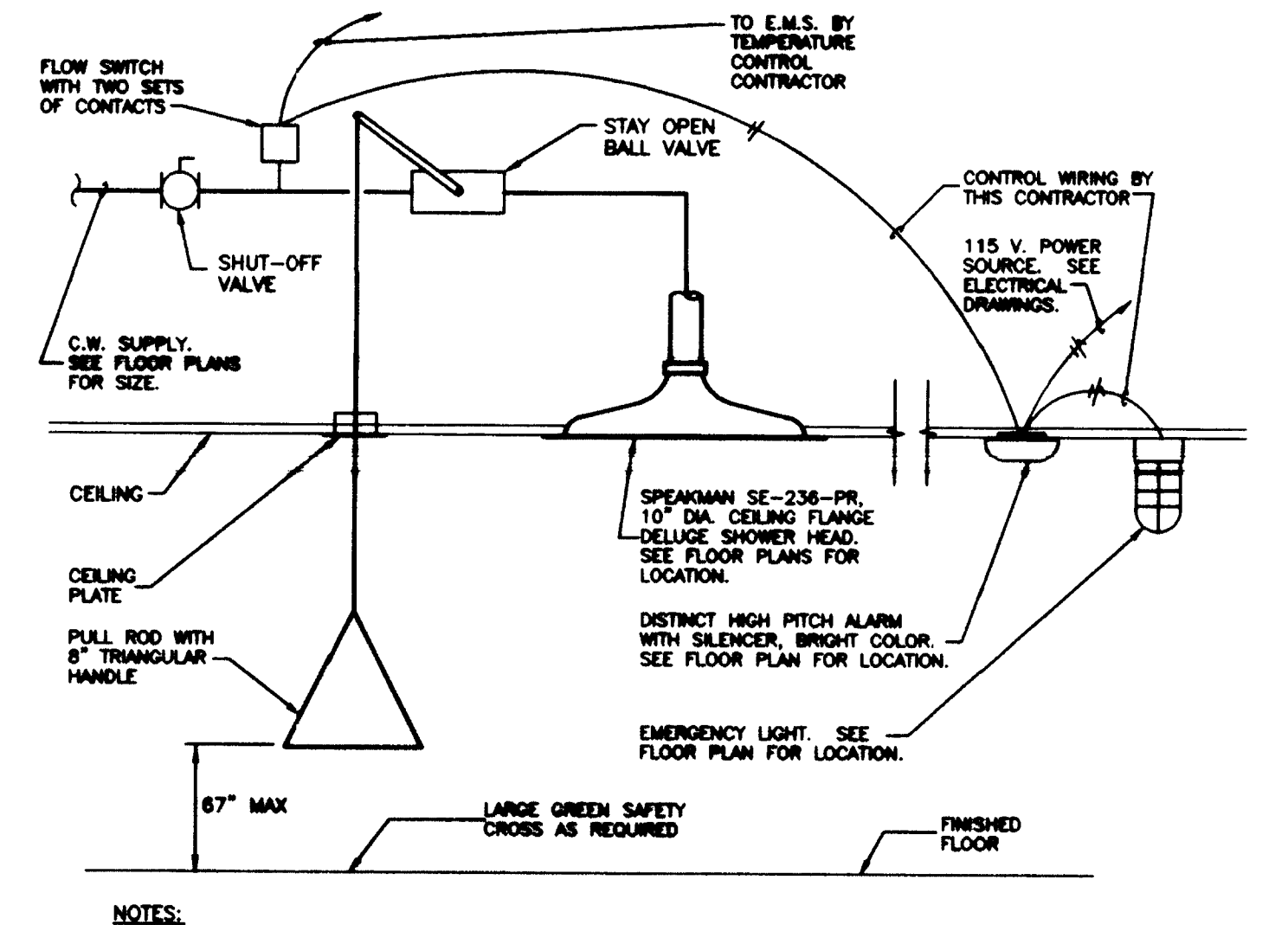
PLUMBING LEGEND	
---	SANITARY OR WASTE PIPING
---	VENT PIPING
AW	ACID WASTE PIPING
AWV	ACID WASTE VENT PIPING
RL	ROOF LEADER PIPING
ESS	EXISTING STORM SEWER PIPING
SS	STORM SEWER PIPING
SD	STORM DRAIN PIPING
UD	UNDERFLOOR DRAINAGE PIPING
EDT	EXISTING DRAIN TILE PIPING
DT	DRAIN TILE PIPING
W	COLD WATER SERVICE (EXTERIOR)
---	COLD WATER PIPING (CITY PRESSURE)
---	HOT WATER PIPING (CITY PRESSURE)
---	HOT WATER RECIRCULATING (CITY PRESSURE)
CWP	COLD WATER PIPING (PRESSURIZED)
HW	HOT WATER PIPING (PRESSURIZED)
HWRP	HOT WATER RECIRCULATING PIPING (PRESSURIZED)
EG	EXISTING GAS PIPING
G	GAS PIPING
LV	LAB VACUUM PIPING
LVE	LAB VACUUM EXHAUST PIPING
DV	GATE VALVE
BV	BALL VALVE
CV	CHECK VALVE
GC	GAS COCK (SHUT-OFF VALVE)
BC	BALANCING COCK
ELB (UP)	ELBOW (UP)
ELB (DN)	ELBOW (DOWN)
ELB (SIDE)	ELBOW (SIDE)
TEE (UP)	TEE (UP)
TEE (DN)	TEE (DOWN)
TEE (SIDE)	TEE (SIDE)
UNION	UNION
REDUCER OR INCREASER	REDUCER OR INCREASER
WALL	WALL HYDRANT
H.B.	HOSE BIB
PG	PRESSURE GAUGE
TH	THERMOMETER
---	EXISTING PIPING TO BE REMOVED
C.O.	CLEANOUT
D.C.I.	DUCTILE CAST IRON
O.H.D.	OPEN HUB DRAIN
ELEV.	ELEVATION OR ELEVATOR
FD	FLOOR DRAIN
FL	FLOOR
R.D.	ROOF DRAIN
SA	SHOCK ARRESTOR
CW	COLD WATER
HW	HOT WATER
I.E.	INVERT ELEVATION
VTR	VENT-THRU-ROOF
CI	CAST IRON
PVC	POLY-VINYL CHLORIDE
WR	WATER RISER DESIGNATION
WR	SOIL, WASTE AND VENT RISER DESIGNATION
WR	DOMESTIC HOT & COLD WATER RISER DESIGNATION



PARTIAL MEDICAL CENTER FLOOR PLAN
SCALE: 1/8" = 1'-0"

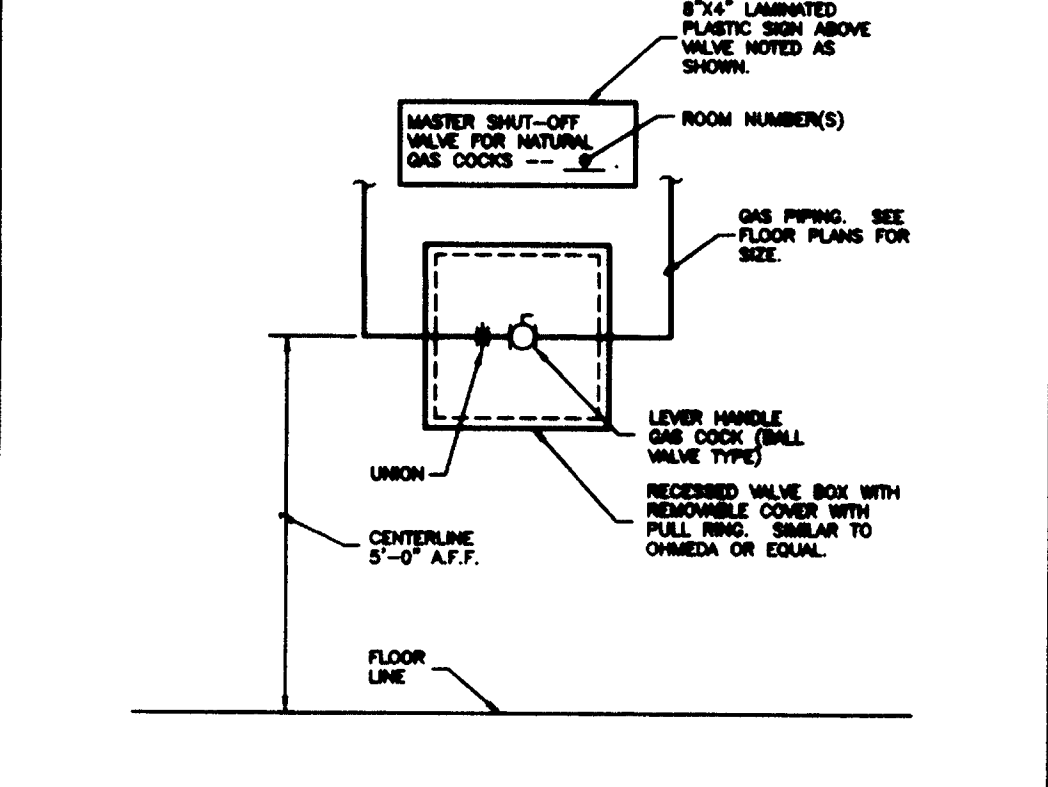
FLOOR DRAIN SCHEDULE					
TYPE	MANUFACTURER	MODEL NO.	BODY	TOP	REMARKS
FD-1	ZURN	ZM-415	CAST IRON (DURA-COATED)	NICKLE BRONZE	① ③
FD-2	ZURN	Z-550	CAST IRON (DURA-COATED)	CAST IRON (DURA-COATED)	② ③
FD-3	ZURN	Z-567	CAST IRON (DURA-COATED)	CAST IRON (DURA-COATED)	④ ⑤
FD-4	DURRON CO.	5501BF	SILICON IRON	SILICON IRON	⑥ ⑦ ⑧

- REMARKS:**
- 6" DIAMETER, TYPE "B" STRAINER.
 - 8" DIAMETER STRAINER.
 - FLOOR DRAINS INDICATED ON THE DRAWINGS WITH A PREFIX "T" SHALL BE PROVIDED WITH A Z-414-1-7 OVAL FUNNEL, 1" HIGH WITH NICKLE BRONZE FINISH FOR POLISHED BRONZE DRAINS AND DURA-COATED FOR CAST IRON DRAINS.
 - FURNISH WITH TOP GRATE.
 - FURNISH WITH CAST IRON SEDIMENT BUCKET.
 - WITH FLASHING RING (ON FLOORS ABOVE GRADE).
 - ACID RESISTANT.
 - ACID WASTE FLOOR DRAINS INDICATED ON THE DRAWINGS WITH A PREFIX "T" SHALL BE PROVIDED WITH A DURRON DURCOAT 100 FUNNEL, 8" HIGH.

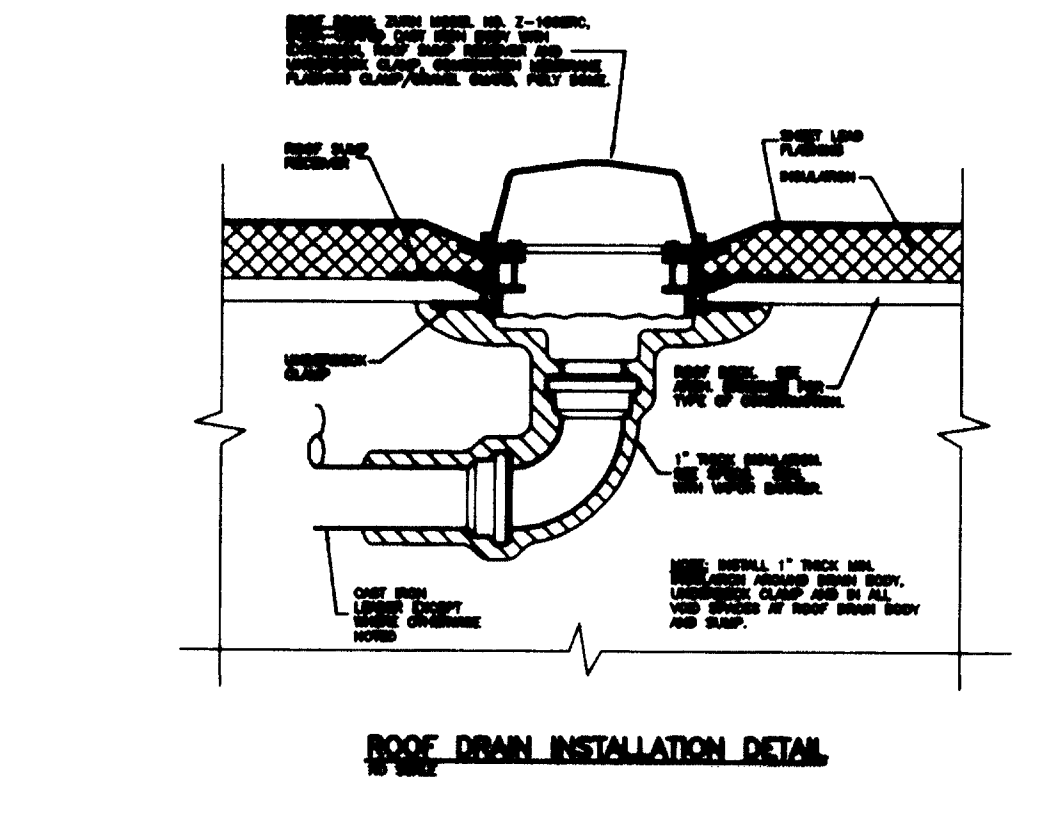


EMERGENCY SHOWER (F-9) DETAIL
NO SCALE

- DUCTILE SCHEDULE AND FINISHING REQUIREMENTS:**
- F-1 WATER CLOSET (WALL HUNG - STANDARD MOUNTING) - 15" FROM FLOOR TO EDGE OF BOWL.
 - F-1A WATER CLOSET (WALL HUNG - HANDICAPPED MOUNTING) - 18" HIGH BOWL.
 - F-2 LAVATORY (HANDICAPPED) - LAVATORY MOUNTED IN COUNTERTOP. SEE ARCHITECTURAL DRAWINGS.
 - F-3 URINAL (HANDICAPPED MOUNTING) - 17" FROM FLOOR TO TOP EDGE OF RECEPTOR (END OF BASK).
 - F-4 ELECTRIC WATER COOLER - 40" FROM FLOOR TO TOP EDGE OF RECEPTOR.
 - F-4A ELECTRIC WATER COOLER (HANDICAPPED MOUNTING) - 36" FROM FLOOR TO SPOUT.
 - F-5 DRINKING FOUNTAIN W/ REMOTE CHILLER - 40" FROM FLOOR TO TOP EDGE OF RECEPTOR.
 - F-5A DRINKING FOUNTAIN W/ REMOTE CHILLER (HANDICAPPED MOUNTING) - 36" FROM FLOOR TO SPOUT.
 - F-6 HOP BASKIN - 30" FROM FLOOR TO CENTERLINE OF SUPPLIES.
 - F-7 SHOWER - AS REQUIRED BY MANUFACTURER.
 - F-8 SINK - SINK MOUNTED IN COUNTERTOP. SEE ARCHITECTURAL DRAWINGS.



MASTER GAS SHUT-OFF VALVE BOX DETAIL
NO SCALE



ROOF DRAIN INSTALLATION DETAIL
NO SCALE

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UNIVERSITY OF KENTUCKY
Lexington, Kentucky

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MEDICAL RESEARCH EXPANSION SPACE
PROJECT NO. 747.0
Lexington, Kentucky

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Issue Date DEC. 92
Drawing Title

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DWH
Checked by
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Project No. Scale
90240.01 AS NOTED
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9.41

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Drawing # 9.41

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N
 Project North

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 Issue Date DEC. 92
 Drawing Title

FIRE PROTECTION PLAN - BASEMENT

Drawn by
 DWH
 Checked by
 DWH
 Project No. Scale
 90240.01 1/8" = 1'-0"
 Drawing No.
9.50

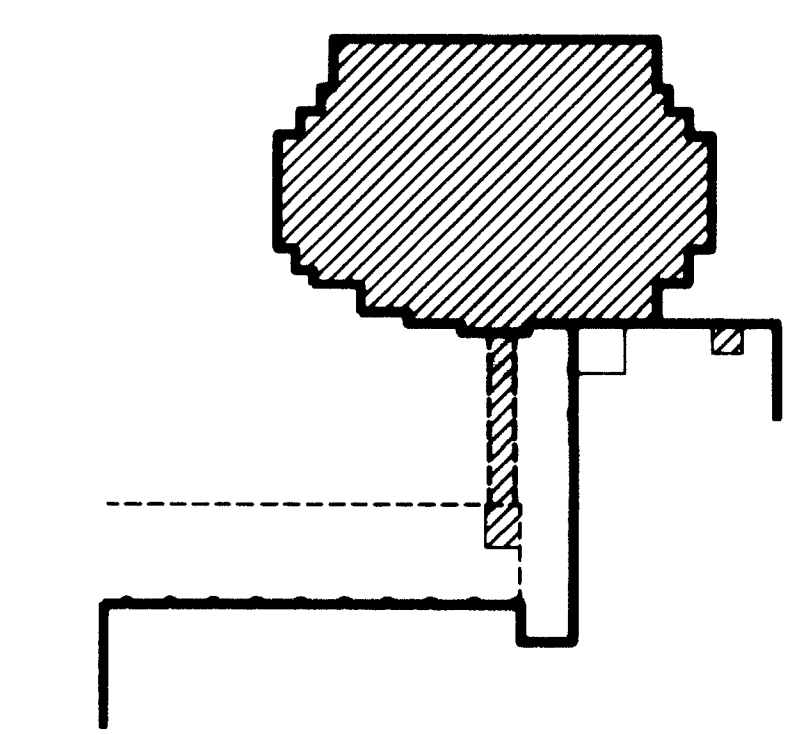
GENERAL NOTES - FIRE PROTECTION

1. PIPING IN ROOMS WITH SUSPENDED CEILING SHALL BE ABOVE CEILING UNLESS OTHERWISE NOTED.
2. LOCATIONS OF PIPING AND EQUIPMENT ARE APPROXIMATE AND SUBJECT TO MINOR ADJUSTMENTS IN THE FIELD. DO NOT SCALE THE DRAWINGS.
3. ALL OFFSETS IN PIPING ARE NOT NECESSARILY SHOWN. PROVIDE ADDITIONAL OFFSETS WHERE NECESSARY.
4. COORDINATE WITH HVAC, PLUMBING AND ELECTRICAL EQUIPMENT TO AVOID INTERFERENCE WITH PIPING, DUCTS AND CONDUIT.
5. INSTALL PIPING AND EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.
6. SEAL AIRTIGHT AROUND ALL PIPING PENETRATIONS THROUGH WALLS, FLOOR AND ROOF.
7. CENTER SPRINKLER HEADS IN SUSPENDED CEILING.
8. PROVIDE DRAINS AT LOW POINTS PER NFPA-13.
9. USE MANUFACTURED FITTINGS OR MECHANICAL TEES, ELBS, ETC. (SEE SPECIFICATIONS). WELDED, SIMILAR WELDED CONNECTIONS AND WELDED PIPING ARE NOT ACCEPTABLE.
10. PITCH ALL SPRINKLER PIPING TO MAIN. IF PIPING CANNOT BE PITCHED TO MAIN, PROVIDE AUXILIARY DRAINS AT LOW POINTS.
11. PROVIDE GUARDS ON ALL HEADS INSTALLED 8'-0" OR LESS ABOVE THE FLOOR IN MECHANICAL STORAGE AREAS.
12. IN MECHANICAL ROOMS OR SIMILAR AREAS WHERE INTERFERENCES OCCUR WITH SPRINKLER DISCHARGE, PROVIDE ADDITIONAL SPRINKLER HEAD(S) AS REQUIRED PER NFPA-13.
13. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF SPRINKLER HEADS.
14. UNLESS OTHERWISE NOTED, CENTERLINE OF SPRINKLER PIPING IS 6" ABOVE CEILING.

BASEMENT FLOOR		BASEMENT FLOOR	
ROOM NO.	ROOM NAME	ROOM NO.	ROOM NAME
001	LAB	003B	ELECTRICAL VALVE
001A	SECRETARY	003C	SWITCHGEAR
001B	OFFICE	004	ANIMAL CARE
001C	EQUIPMENT	007	RECORDS/STORAGE
001D	DINING ROOM	008	STORAGE
001E	E.M. ROOM	010	CORRIDOR
001F	E.M. EQUIPMENT	011	SECURITY OFFICE
001G	DARK ROOM	012	ELECTRICAL
001H	E.M. ROOM	013	SECURITY OFFICE
001I	E.M. EQUIPMENT	014	HOUSEKEEPING
001J	MICROTON	015	HOUSEKEEPING
001K	SEMINAR ROOM	016	COMMUNICATIONS
001L	IMAGING	017	HOUSEKEEPER
001M	CART ACCESS	018	WOMEN'S TOILET
001N	CORRIDOR	020	HOUSEKEEPER
001P	SCIENTIST STORAGE	022	RECEIVING
002	MECHANICAL	023	STORAGE
003	MECHANICAL	024	CORRIDOR
003A	GENERATOR		

KEY PLAN

1. BACKFLOW PREVENTER. SEE FIRE PROTECTION SCHEMATIC PIPING DIAGRAM ON DRAWING 9.50.
2. ANTI-FREEZE LOOP. SEE DETAIL ON DRAWING 9.61.
3. SUPERVISED VALVE ON VERTICAL (TYP.).
4. FIRE PUMP. SEE FIRE PROTECTION SCHEMATIC PIPING DIAGRAM ON DRAWING 9.50.
5. JOCKEY PUMP. SEE FIRE PROTECTION SCHEMATIC PIPING DIAGRAM ON DRAWING 9.50.
6. PUMP SUCTION CONTROL VALVE.
7. FIRE PUMP TRANSFER SWITCH.
8. FIRE PUMP CONTROLLER.
9. JOCKEY PUMP CONTROLLER. MOUNT ON WALL.
10. ZONE #1 SUPERVISED VALVE.
11. ZONE #1 FLOW SWITCH.
12. INSPECTOR'S TEST PIPING. SEE FIRE PROTECTION SCHEMATIC PIPING DIAGRAM ON DRAWING 9.50.
13. FIRE VALVE CABINET. SEE ARCHITECTURAL DRAWING.
14. PROVIDE SIDEWALL SPRINKLER HEAD WITH SHIELD NEAR BOTTOM OF ELEVATOR SHAFT IN ACCORDANCE WITH NFPA-13. INSTALL WITH MINIMUM DISTANCE OF SIDEWALL SPRINKLER HEAD 6" BELOW BOTTOM OF ELEVATOR.
15. FIRE PUMP TEST HEADER. SEE FIRE PROTECTION SCHEMATIC PIPING DIAGRAM ON DRAWING 9.50.
16. PROVIDE AUTOMATIC BALL DRIP ON PIPING TO FIRE PUMP TEST HEADER. EXTEND DRAIN LINE THROUGH EXTERIOR WALL AND ELBOW DOWN.
17. PROVIDE SIDEWALL SPRINKLER HEAD BELOW STAIRS.
18. SEE SITE UTILITIES PLAN, DRAWING 2.01, FOR CONTINUATION.
19. DOMESTIC COLD WATER PIPING. SEE PLUMBING DRAWINGS.
20. 4" STANDPIPE RISER UP.
21. 4" COMBINATION SPRINKLER/STANDPIPE RISER UP.
22. 2" DRAIN LINE DOWN FROM ABOVE.
23. CHECK VALVE WITH BALL DRIP. PIPE DRAIN LINE DOWN TO FLOOR DRAIN.
24. SEE TUNNEL CONNECTOR PLAN ON DRAWING 9.61 FOR CONTINUATION.
25. SUPERVISED VALVE (TYP.).
26. TO FIRE DEPARTMENT CONNECTION. SEE SITE PLAN, DRAWING 2.01, FOR CONTINUATION.
27. REMOVE EXISTING 8" FIRE PROTECTION PIPING BACK TO VERTICAL AND CONNECT NEW AS REQUIRED.
28. ELECTRICAL EQUIPMENT. SEE ELECTRICAL DRAWINGS.
29. H.V.A.C. EQUIPMENT OR DUCT. SEE H.V.A.C. DRAWINGS.
30. INSTALL SPRINKLER HEAD BELOW DUCT.
31. CHECK VALVE WITH BALL DRIP. PIPE DRAIN LINE DOWN TO FLOOR DRAIN.
32. EXTEND DRAIN LINE DOWN TO FLOOR DRAIN.
33. CABLE TRAY. SEE ELECTRICAL DRAWINGS.
34. DRY SIDEWALL SPRINKLER HEAD WITH HEAT SHIELD.



KEY PLAN

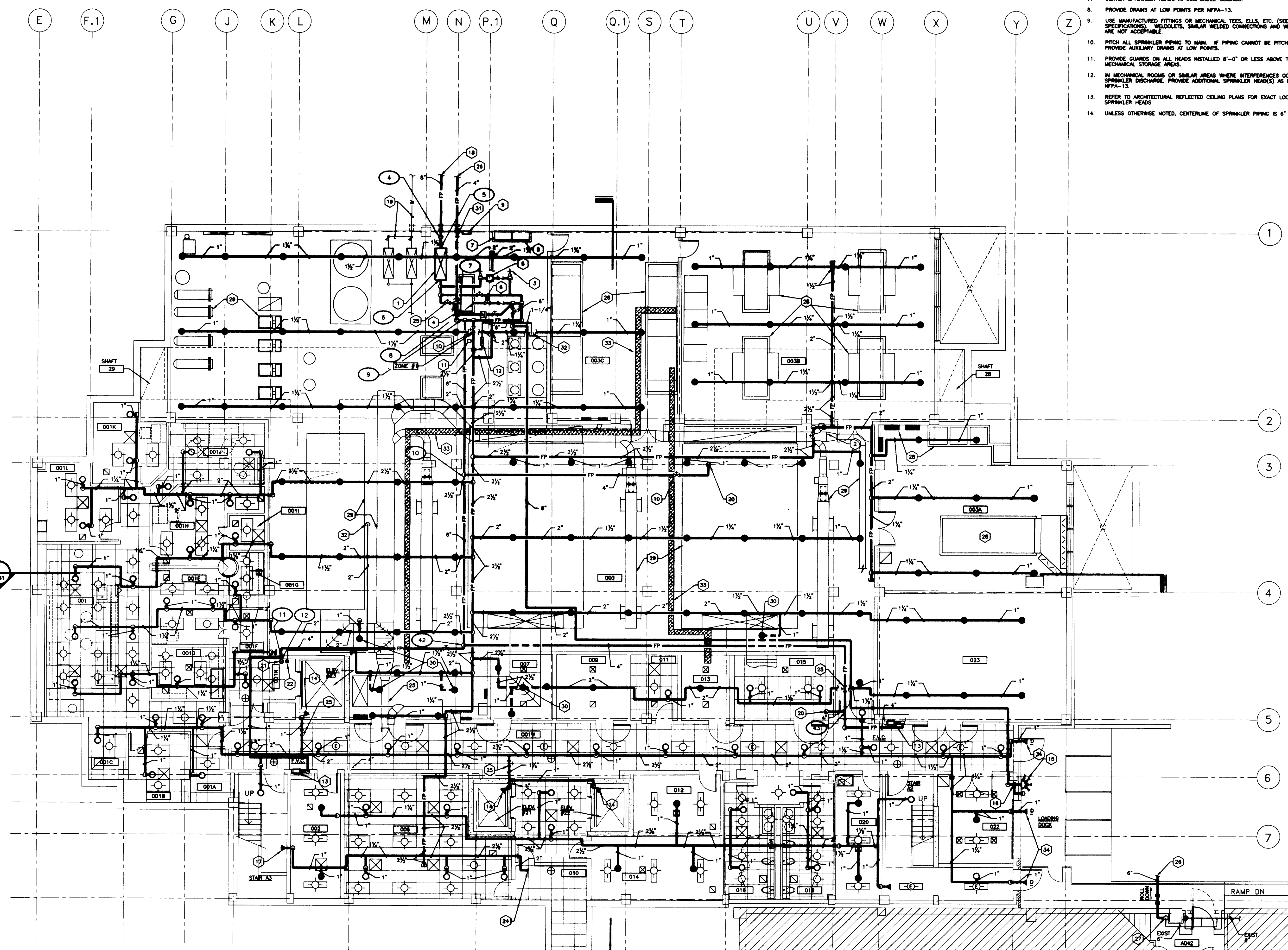
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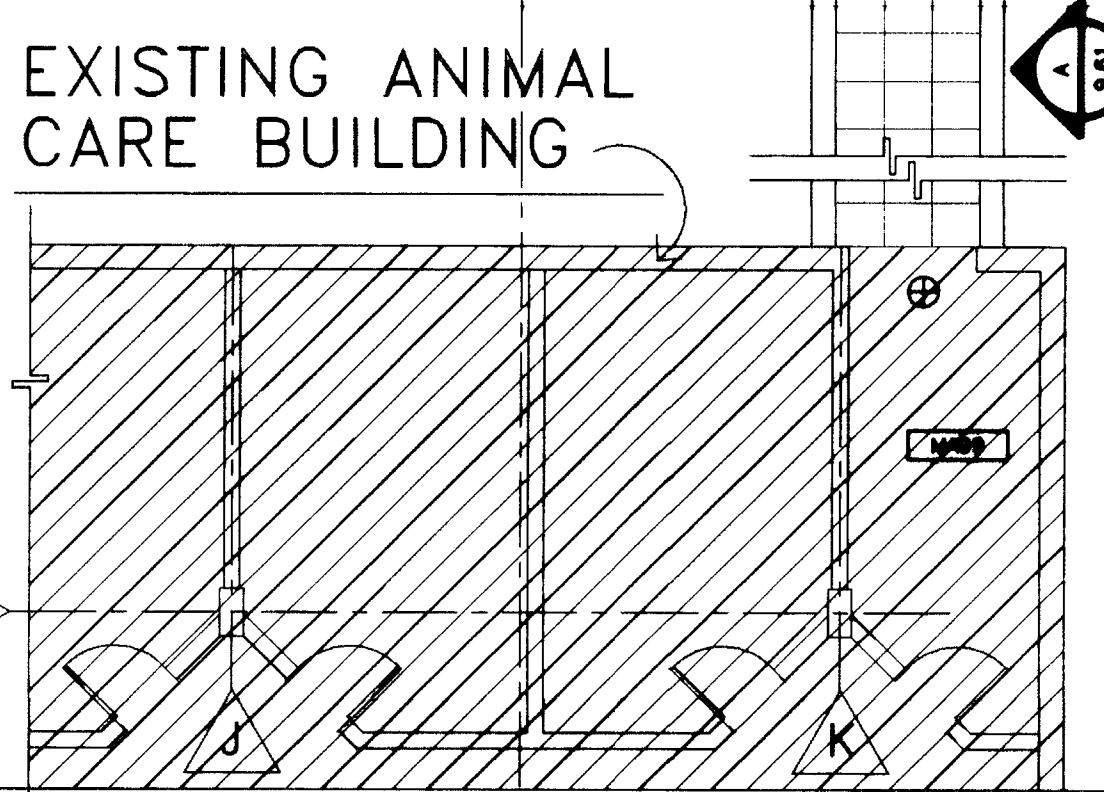
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FIRE PROTECTION PLAN - BASEMENT
 SCALE: 1/8" = 1'-0" (FINISHED FL. ELEV. 979'-0")

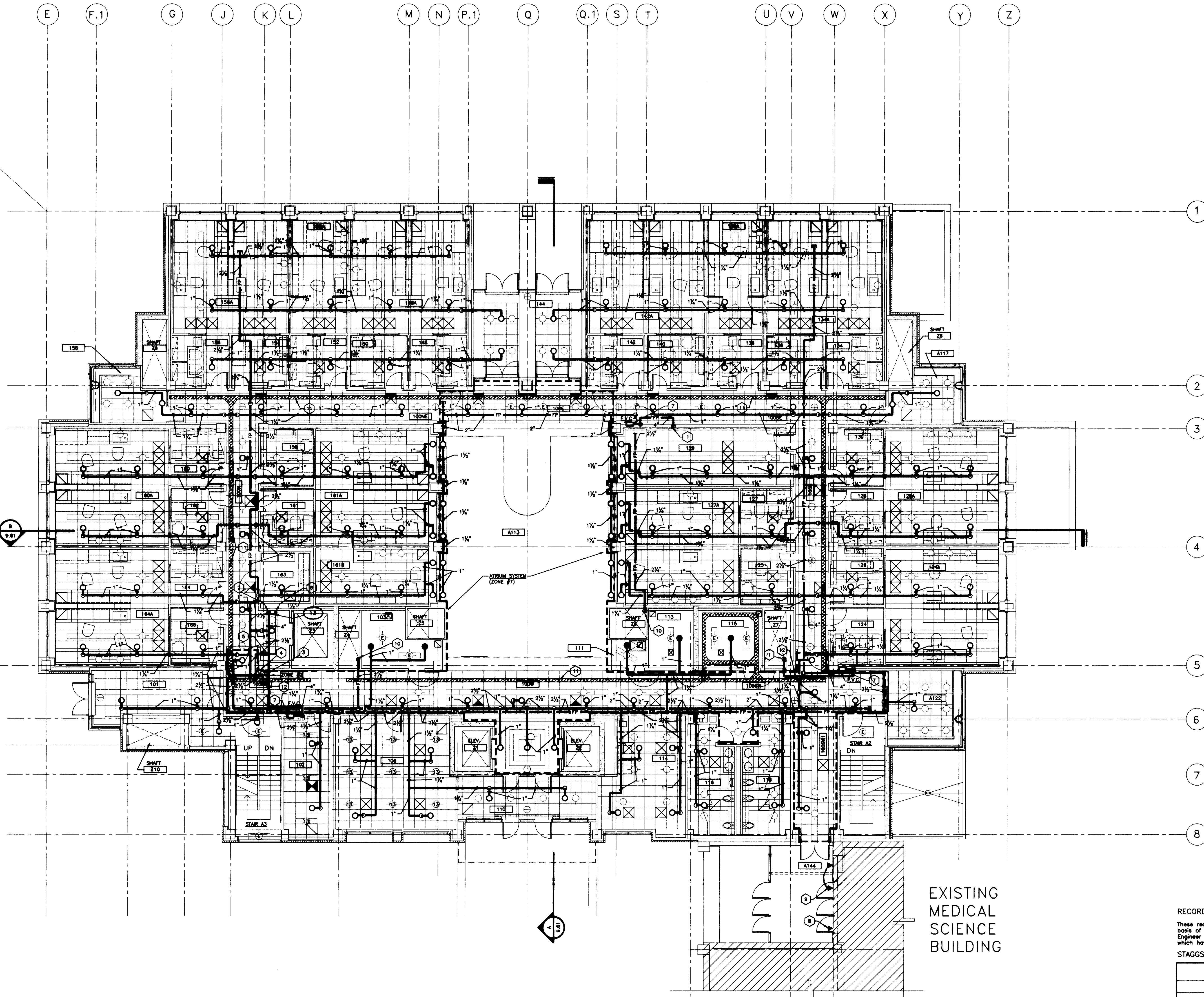


EXISTING ANIMAL CARE BUILDING

EXISTING MEDICAL SCIENCE BUILDING

ROOM NO.	ROOM NAME	ROOM NO.	ROOM NAME
100E	CORRIDOR	132	INTERACTION
100NE	CORRIDOR	134	WORK STATION
100NW	CORRIDOR	134A	LAB
100SE	CORRIDOR	138	OFFICE
100SW	CORRIDOR	138A	WORK STATION
100S	CORRIDOR	140	OFFICE
100W	CORRIDOR	142	WORK STATION
100W1	CORRIDOR	142A	LAB
101	VESTIBULE	143	ATRIUM
102	JANITORS EQUIPMENT	144	VESTIBULE
103	ELECT. ROOM	148	WORK STATION
106	CLEANCE	148A	LAB
110	ENTRY	150	OFFICE
111	JANITORS CLOSET	152	WORK STATION
113	ELECTRIC ROOM	152A	LAB
114	COFFEE/ATKINS	154	OFFICE
115	COMMUNICATIONS ROOM	158	WORK STATION
116	WOMENS TOILET	158A	LAB
118	INTERACTION	158	INTERACTION
122	INTERACTION	160A	WORK STATION
124	LAB	161	WORK STATION
124A	LAB	161A	LAB
126	OFFICE	161B	LAB
126	OFFICE	162	OFFICE
127	WORK STATION	162	OFFICE
127A	LAB	163	COLD ROOM
128	WORK STATION	164	WORK STATION
128A	LAB	164A	LAB
129	SHARED EQUIPMENT	168	OFFICE
130	OFFICE	MS100NE	VESTIBULE

- CODED NOTES DRAWING 9.51
- 4" STANDPIPE RISER UP AND DOWN.
 - 4" COMBINATION SPRINKLER/STANDPIPE RISER UP AND DOWN.
 - ZONE #2 SUPERVISOR VALVE.
 - ZONE #2 FLOW SWITCH.
 - INSPECTION TEST PIPING. SEE FIRE PROTECTION RISER DIAGRAM ON DRAWING 9.51.
 - 2" DRINK LINE UP AND DOWN.
 - FIRE VALVE CABINET MOUNT WITH CENTERLINE OF FIRE VALVE 4'-0" ABOVE FINISHED FLOOR.
 - EXISTING SIDEWALL SPRINKLER HEAD TO REMAIN.
 - RELOCATE EXISTING SIDEWALL SPRINKLER HEAD, RECONNECT TO EXISTING SPRINKLER PIPING. ADJUST EXISTING PIPING AS REQUIRED.
 - 2-1/2" FIRE PROTECTION RISER UP.
 - CABLE TRAY. SEE ELECTRICAL DRAWING.
 - HOLD AS HIGH AS POSSIBLE.



FIRE PROTECTION PLAN - FIRST FLOOR
SCALE: 1/8" = 1'-0" (FINISHED FL. ELEV. 994'-0")

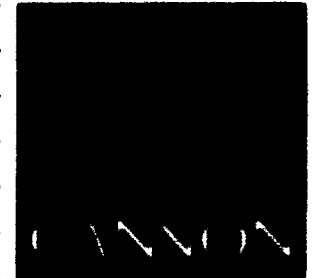
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ch. by	
revision	
drawing	
approved by	FINAL DOCUMENTS
drawn - design and construction details	
date	
of	

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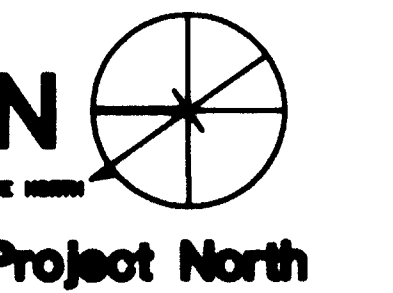
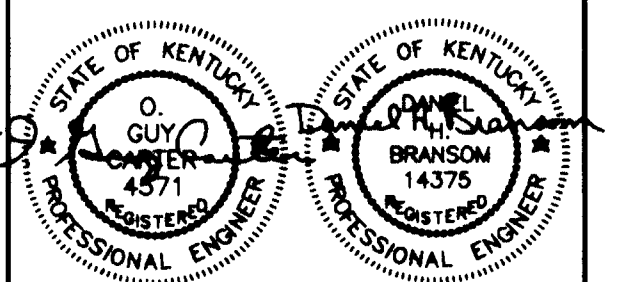
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Issue Date	DEC. 92

Drawing Title
FIRE PROTECTION PLAN - SECOND FLOOR

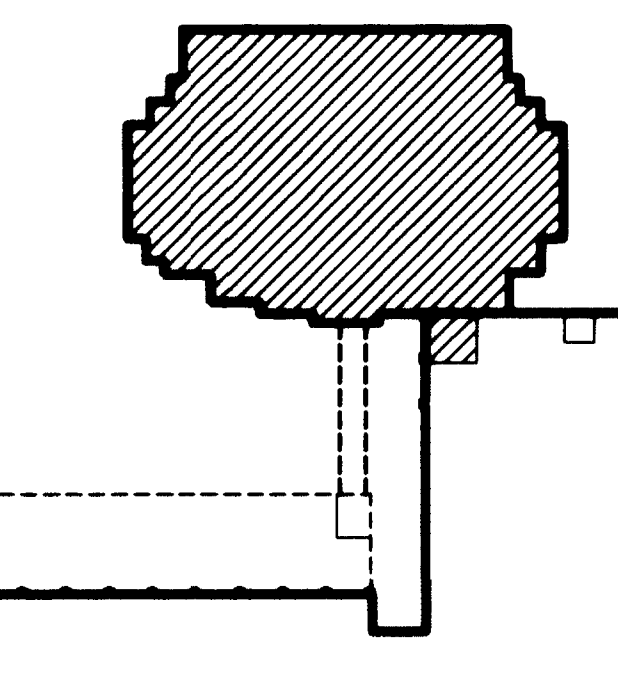
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Checked by
DWH
Project No. Scale
80240.01 1/8" = 1'-0"
Drawing No.
9.52

SECOND FLOOR		ROOM NO.	ROOM NAME	ROOM NO.	ROOM NAME
200E	CORRIDOR	232	INTERACTION OFFICE		
200M	CORRIDOR	234	LAB		
200NE	CORRIDOR	236	OFFICE		
200NW	CORRIDOR	238	WORK STATION		
200S	CORRIDOR	238A	LAB		
200SE	CORRIDOR	240	OFFICE		
200SW	CORRIDOR	242	WORK STATION		
200W	CORRIDOR	242A	LAB		
201	INTERACTION	243	ATRIUM		
201A	ELECTRIC ROOM	244	RESEARCH MEETING		
204	OPEN OFFICE AREA	246	WORK STATION		
204A	CONFERENCE	248	OFFICE		
204B	OFFICE	250	LAB		
204C	OFFICE	252A	WORK STATION		
208	CONFERENCE	254	LAB		
211	JANITOR'S CLOSET	254	OFFICE		
213	ELECTRIC ROOM	256	OFFICE		
214	COFFEE/WEIGHING	256A	LAB		
214A	JANITOR'S EQUIPMENT	258	INTERACTION		
215	COMMUNICATION ROOM	258	OFFICE		
216	MEN'S TOILET	260	WORK STATION		
218	WOMEN'S TOILET	260A	LAB		
222	INTERACTION	261	WORK STATION		
224	WORK STATION	261A	LAB		
224A	LAB	262	OFFICE		
225	OFFICE	263	COLD ROOM		
226	OFFICE	264	AUTOCCLAVE		
227	WORK STATION	268	GLASS/AUTOCCLAVE		
227A	LAB	268A	CORRIDOR		
228	WORK STATION	268B	LAB		
228A	LAB	268C	CONFERENCE		
229	SHARED EQUIPMENT	268D	CONFERENCE		
230	OFFICE				

CODED NOTES: DRAWING 9.52

- 4" STANDPIPE RISER UP AND DOWN.
- 4" COMBINATION SPRINKLER/STANDPIPE RISER UP AND DOWN.
- ZONE #3 SUPERVISED VALVE.
- ZONE #3 FLOW SWITCH.
- SUPPECTOR'S TEST SIGNAL SEE FIRE PROTECTION RISER DRAWING OR DRAWING 8.60.
- 2" BRNH LINE UP AND DOWN.
- REMOVE EXISTING SPRINKLER HEADS AND PIPING.
- REMOVE EXISTING SPRINKLER PIPING BACK TO THIS POINT AND CONNECT TO NEW.
- NO SPRINKLER WORK IN THESE AREAS.
- FIRE VALVE CABINET MOUNT WITH CENTERLINE OF FIRE VALVE 4'-6" ABOVE FINISHED FLOOR.
- 2-1/2" FIRE PROTECTION LINE UP AND DOWN.
- CABLE TRAY. SEE ELECTRICAL DRAWINGS.
- HOLD AS HIGH AS POSSIBLE.

KEY PLAN



RECORD DRAWINGS DATE AUGUST 1995

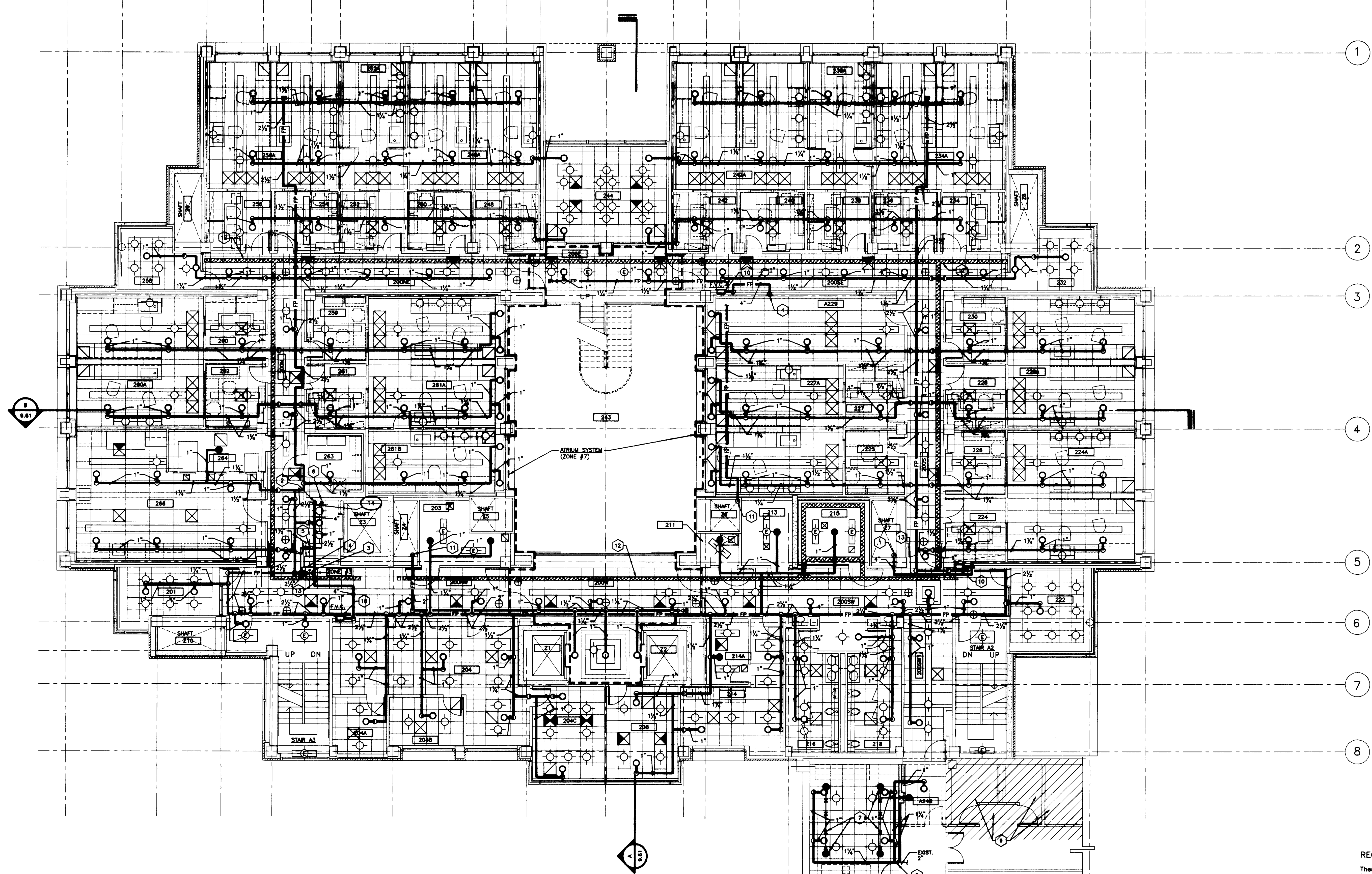
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FIRE PROTECTION PLAN - SECOND FLOOR
SCALE: 1/8" = 1'-0" (FINISHED FL. ELEV. 1007'-7")

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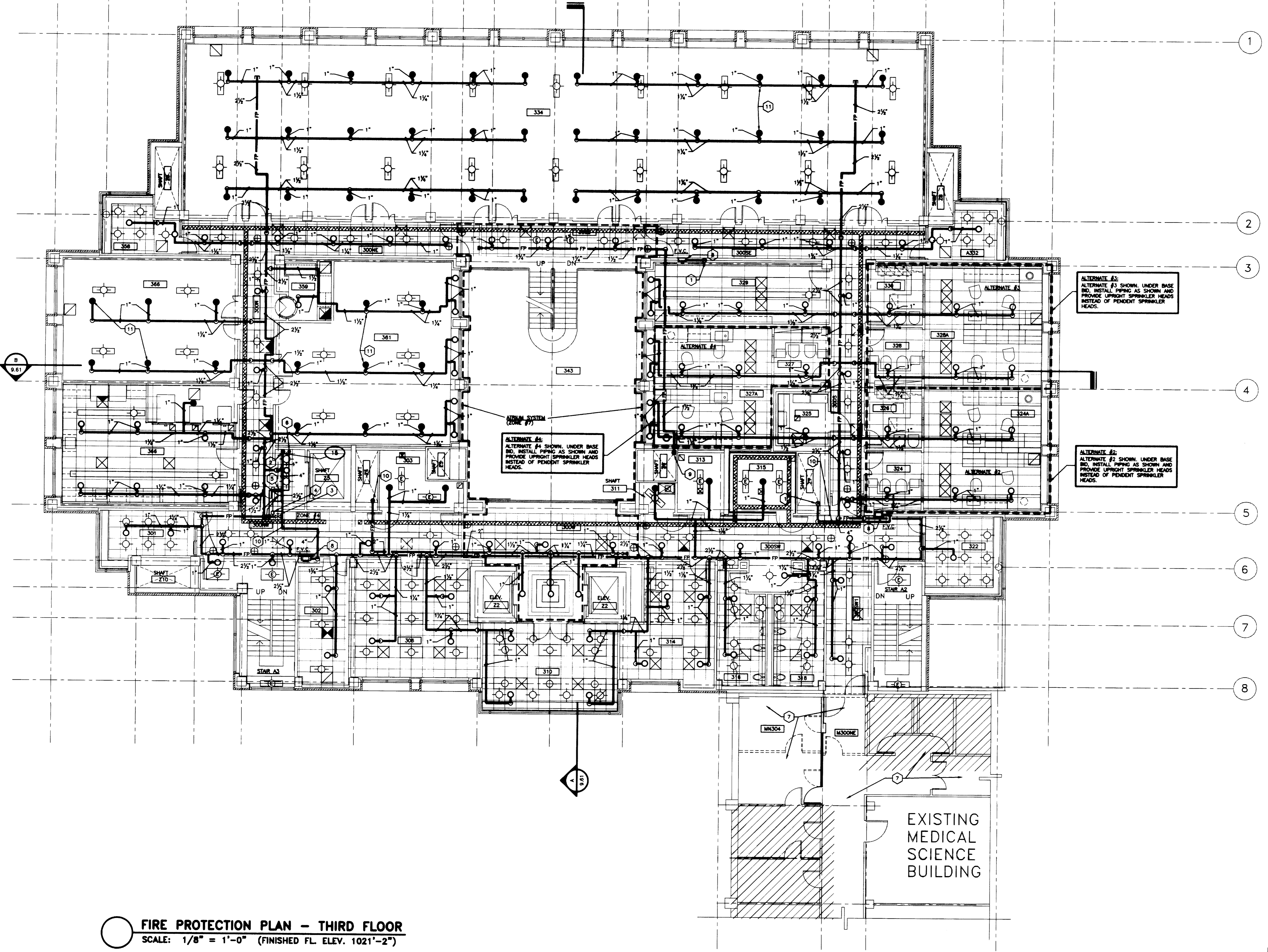
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THIRD FLOOR		ROOM NO.	ROOM NAME	ROOM NO.	ROOM NAME
300E	CORRIDOR	324	WORK STATION		
300N	CORRIDOR	324A	LAB		
300NE	CORRIDOR	325	COLD ROOM		
300NW	CORRIDOR	325	OFFICE		
300S	CORRIDOR	327	WORK STATION		
300SE	CORRIDOR	327A	LAB		
300SW	CORRIDOR	328	WORK STATION		
300W	CORRIDOR	328A	LAB		
301	INTERSECTION	329	SHARED EQUIPMENT		
302	JANITORS EQUIPMENT	332	INTERSECTION		
303	ELECTRIC ROOM	334	LAB SUITE		
306	CLERICAL	343	ATRIUM		
310	GENERAL CONFERENCE	352	INTERSECTION		
311	JANITOR'S CLOSET	359	DARK ROOM		
313	ELECTRIC ROOM	360	LAB SUITE		
314	COFFEE/DRINKING	361	LAB SUITE		
315	COMMUNICATIONS ROOM	368	CLASSROOM/AUTOCLAVE		
318	MEN'S TOILET	MN304	CORRIDOR		
322	WOMEN'S TOILET	MN304	CONFERENCE ROOM		

- CODED NOTES DRAWING 9.53
- 4" STANDPIPE RISER UP AND DOWN.
 - 4" COMBINATION SPRINKLER/STANDPIPE RISER UP AND DOWN.
 - ZONE #4 SUPERVISED VALVE.
 - ZONE #4 FLOW SWITCH.
 - INSPECTOR'S TEST PIPING, SEE FIRE PROTECTION RISER DIAGRAM ON DRAWING 9.50.
 - 2" DRINK LINE UP AND DOWN.
 - NO SPRINKLER WORK REQUIRED IN THIS AREA.
 - FIRE VALVE CABINET MOUNT WITH CENTERLINE OF FIRE VALVE 4'-6" ABOVE FINISHED FLOOR.
 - 2-1/2" FIRE PROTECTION LINE UP AND DOWN.
 - HOLD AS HIGH AS POSSIBLE.
 - SPRINKLER PIPING SHALL BE INSTALLED AT AN ELEVATION SIMILAR TO THE 2ND FLOOR. SPRINKLERS SHALL BE INSTALLED SO THAT THE UPRIGHT HEADS MAY BE REMOVED, ARM OVER, TURNED DOWN AND A PENDENT HEAD INSTALLED IN THE NEW CEILING IN SIMILAR LOCATION AS 2ND FLOOR.
 - CABLE TRAY, SEE ELECTRICAL DRAWINGS.



FIRE PROTECTION PLAN - THIRD FLOOR
 SCALE: 1/8" = 1'-0" (FINISHED FL. ELEV. 1021'-2")

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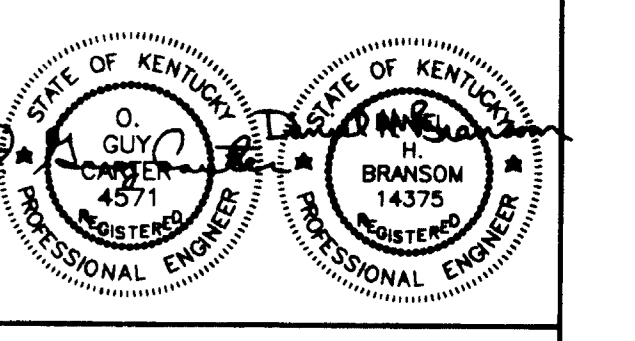
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MEDICAL RESEARCH EXPANSION SPACE
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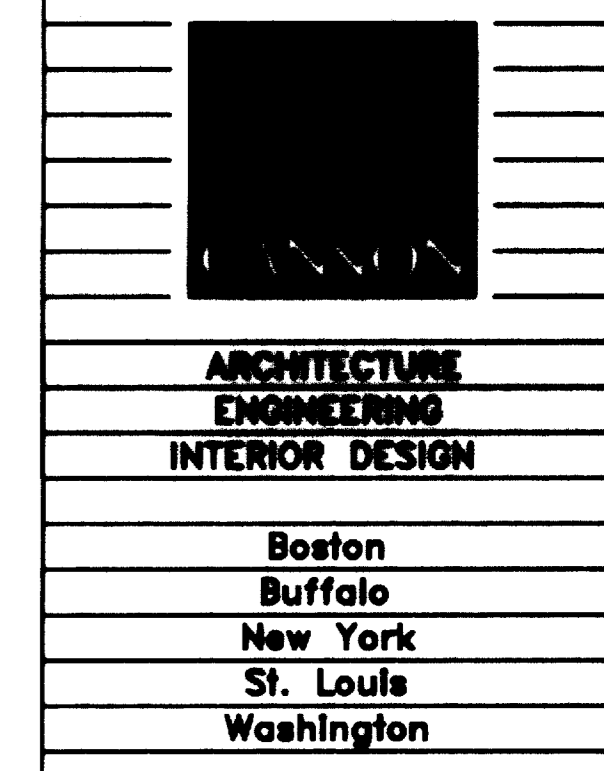
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Revision	Date
Issue Date	DEC. 92
Drawing Title	

FIRE PROTECTION PLAN - THIRD FLOOR

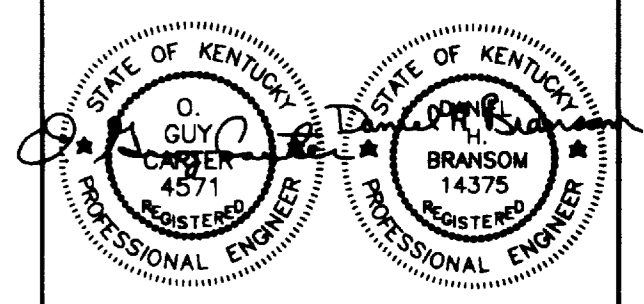
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9.53



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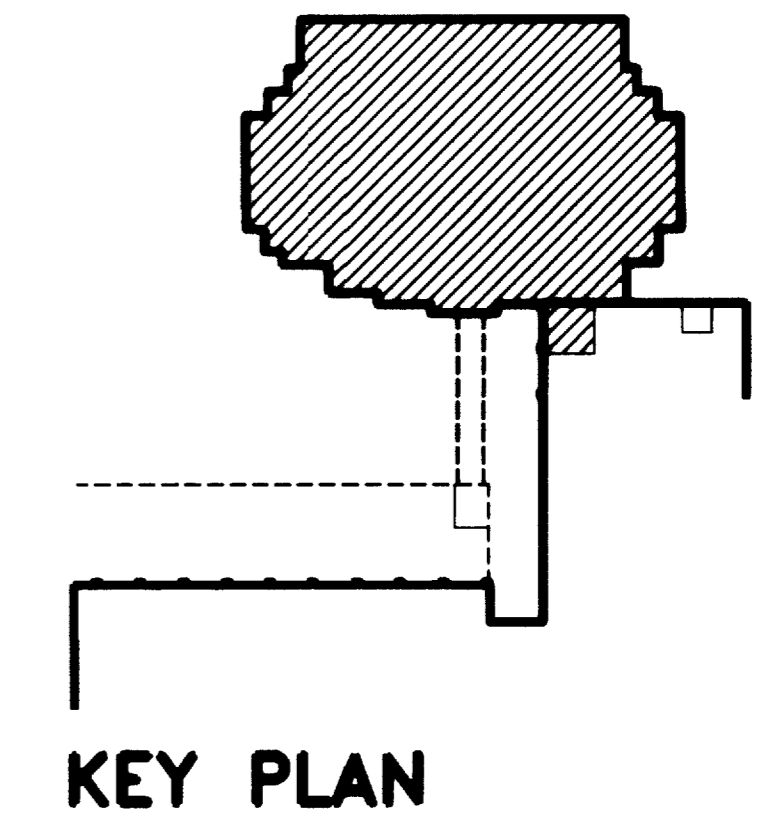
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FIRE PROTECTION PLAN - FOURTH FLOOR

Record Drawings	DATE	AUGUST 1995
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Project No.	Scale	80240.01 1/8" = 1'-0"
Drawing No.	9.54	

ROOM NO.	ROOM NAME	ROOM NO.	ROOM NAME
400E	CORRIDOR	413	ELECTRIC ROOM
400N	CORRIDOR	414	COFFEE/TEACHING
400NE	CORRIDOR	415	COMMUNICATIONS ROOM
400NW	CORRIDOR	416	MENS TOILET
400W	CORRIDOR	418	WOMENS TOILET
400S	CORRIDOR	422	INTERACTION
400SE	CORRIDOR	424	LAB SUITE
400SW1	CORRIDOR	427	LAB SUITE
400W	CORRIDOR	432	INTERACTION
401	INTERACTION	434	LAB SUITE
402	JANITORS EQUIPMENT	443	INTERACTION
403	ELECTRIC ROOM	458	LAB SUITE
408	CLERICAL	459	LAB SUITE
410	GENERAL CONFERENCE	460	LAB SUITE
411	JANITORS CLOSET	463	COLD ROOM
		464	CONFERENCE ROOM
		4400E	CORRIDOR

- CODED NOTES: DRAWING 9.54
- 1 4" STANDPIPE RISER UP AND DOWN.
 - 2 4" COMBINATION SPRINKLER/STANDPIPE RISER UP AND DOWN.
 - 3 ZONE #5 SUPERVISED VALVE.
 - 4 ZONE #5 FLOW SWITCH.
 - 5 INSPECTOR'S TEST PIPING. SEE FIRE PROTECTION RISER SCHEDULE ON DRAWING 9.54.
 - 6 2" BRASS LINE UP AND DOWN.
 - 7 NO SPRINKLER WORK REQUIRED IN THIS AREA.
 - 8 FIRE VALVE CABINET MOUNT WITH CENTERLINE OF FIRE VALVE 4'-5" ABOVE FINISHED FLOOR.
 - 9 2-1/2" FIRE PROTECTION LINE UP AND DOWN.
 - 10 HOLD AS HIGH AS POSSIBLE.
 - 11 SUPERVISED VALVE.
 - 12 4" STANDPIPE RISER DOWN.
 - 13 4" STANDPIPE RISER UP.
 - 14 SPRINKLER PIPING SHALL BE INSTALLED AT AN ELEVATION SIMILAR TO THE 2ND FLOOR. SPRINKLERS SHALL BE INSTALLED SO THAT THE DROPTHEADS MAY BE REMOVED, ARM OVER TURNED DOWN AND A PENDANT HEAD INSTALLED IN NEW CEILING IN A SIMILAR LOCATION AS 2ND FLOOR.
 - 15 CABLE TRAY. SEE ELECTRICAL DRAWINGS.



KEY PLAN

RECORD DRAWINGS DATE AUGUST 1995

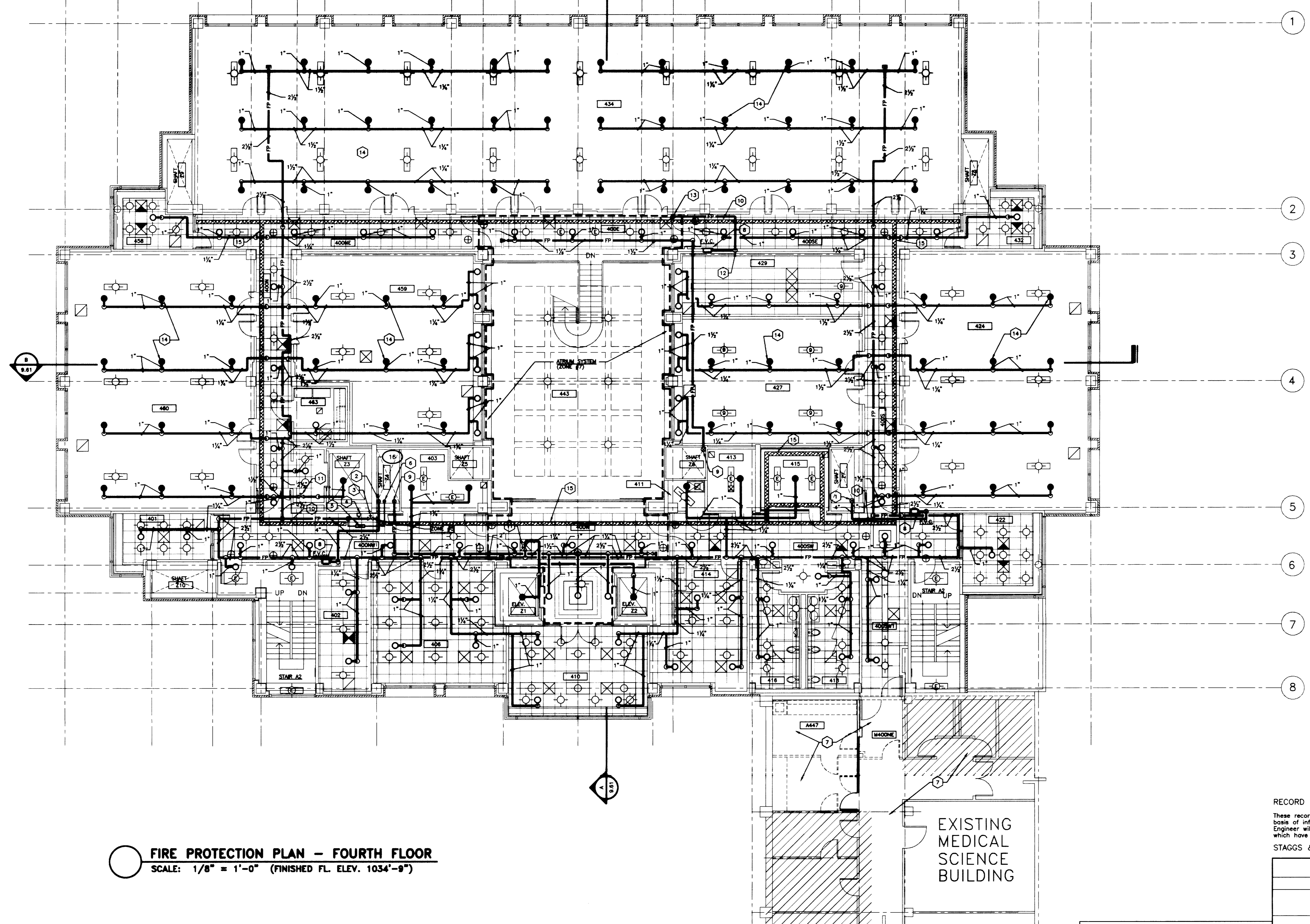
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	ck. by	
	revision	
	drawing	
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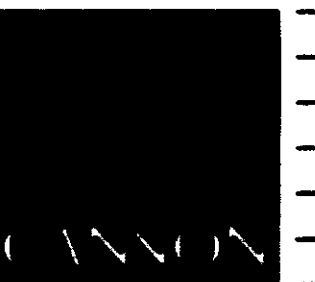
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E F.1 G J K L M N P.1 Q Q.1 S T U V W X Y Z



FIRE PROTECTION PLAN - FOURTH FLOOR
SCALE: 1/8" = 1'-0" (FINISHED FL. ELEV. 1034'-9")

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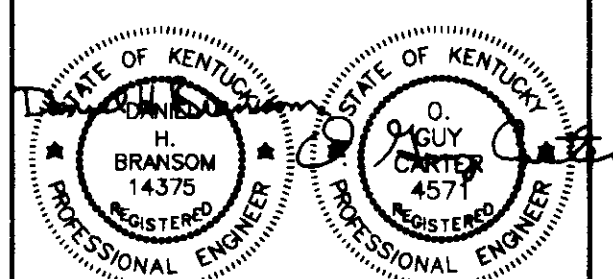
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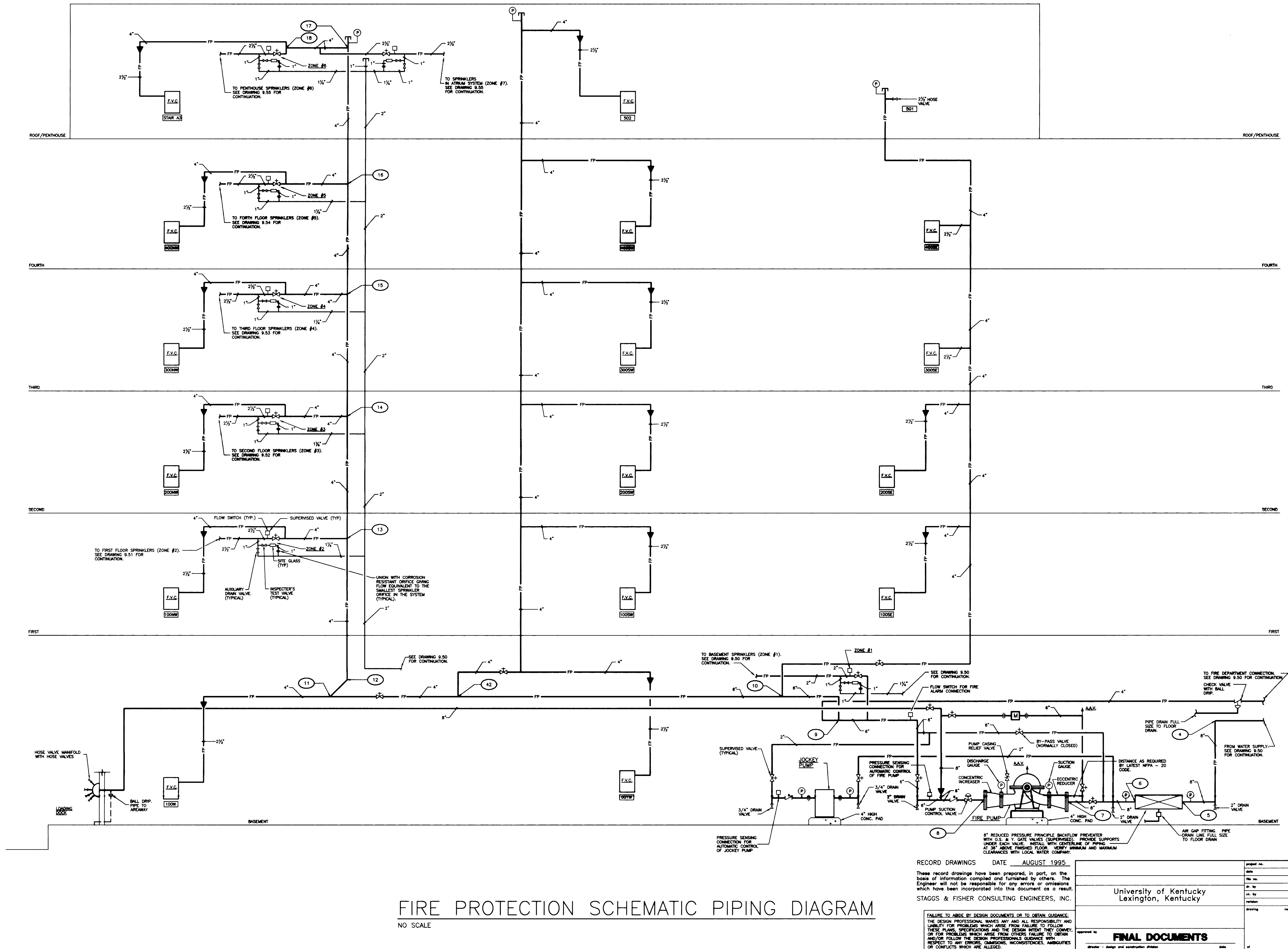
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Lexington, Kentucky 40502



Revision	Date
Issue	Dec. 92

Drawing Title
FIRE PROTECTION SCHEMATIC PIPING DIAGRAM

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Checked by
DWB
Project No. Scale
90240.01 NO SCALE
Drawing No.
9.60



FIRE PROTECTION SCHEMATIC PIPING DIAGRAM
NO SCALE

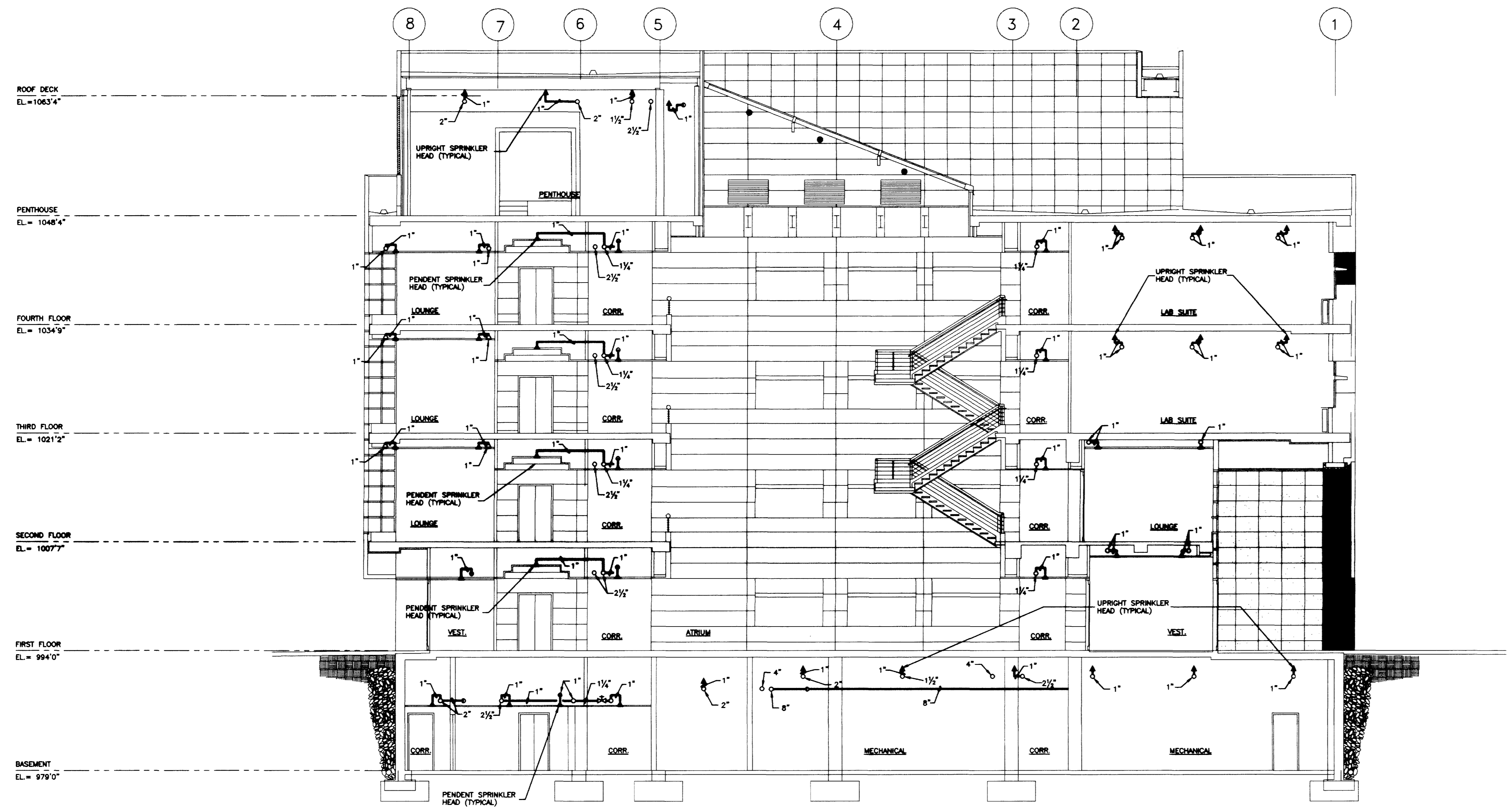
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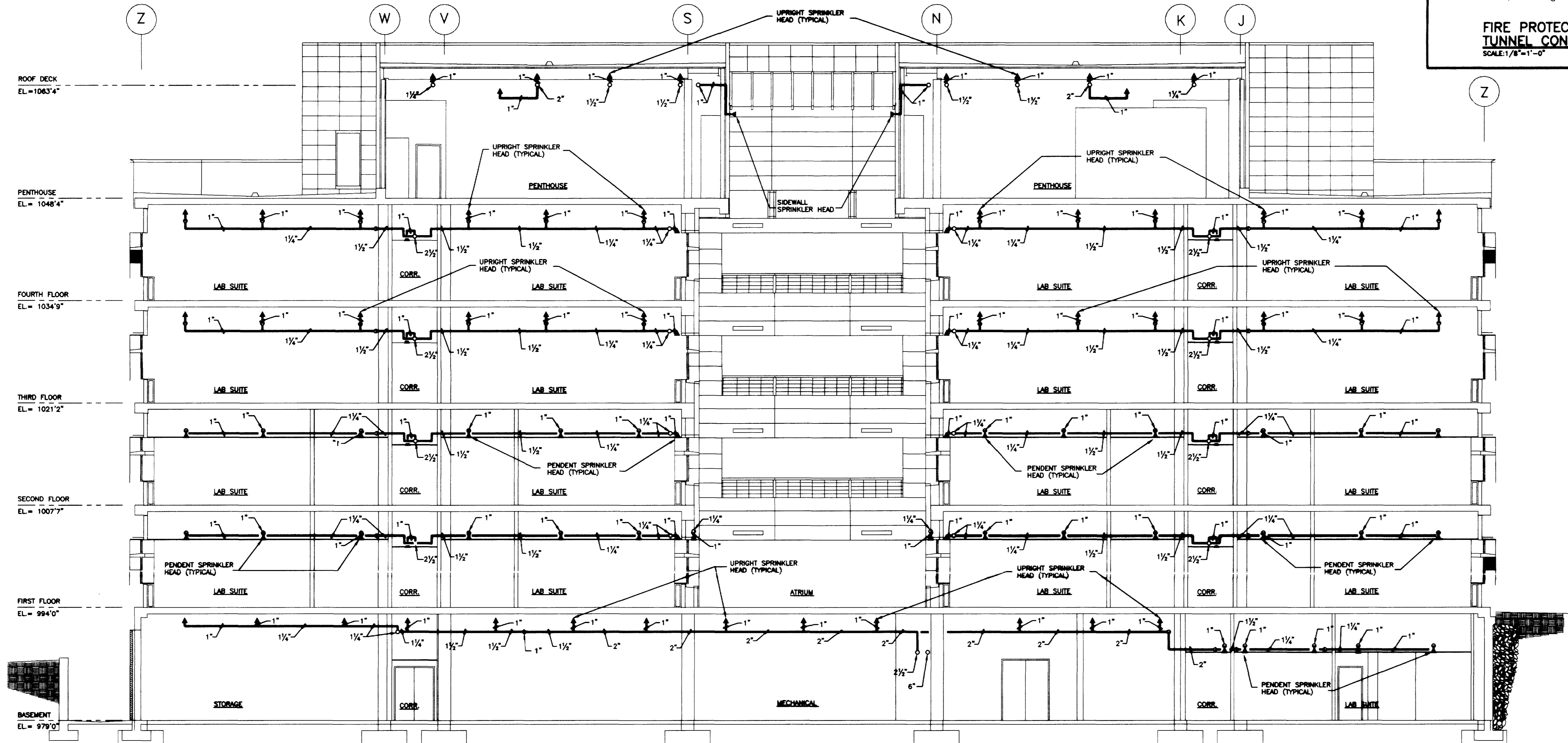
prepared by	
date	
des. by	
ch. by	
revision	
drawing	
FINAL DOCUMENTS	
checked by	
date	

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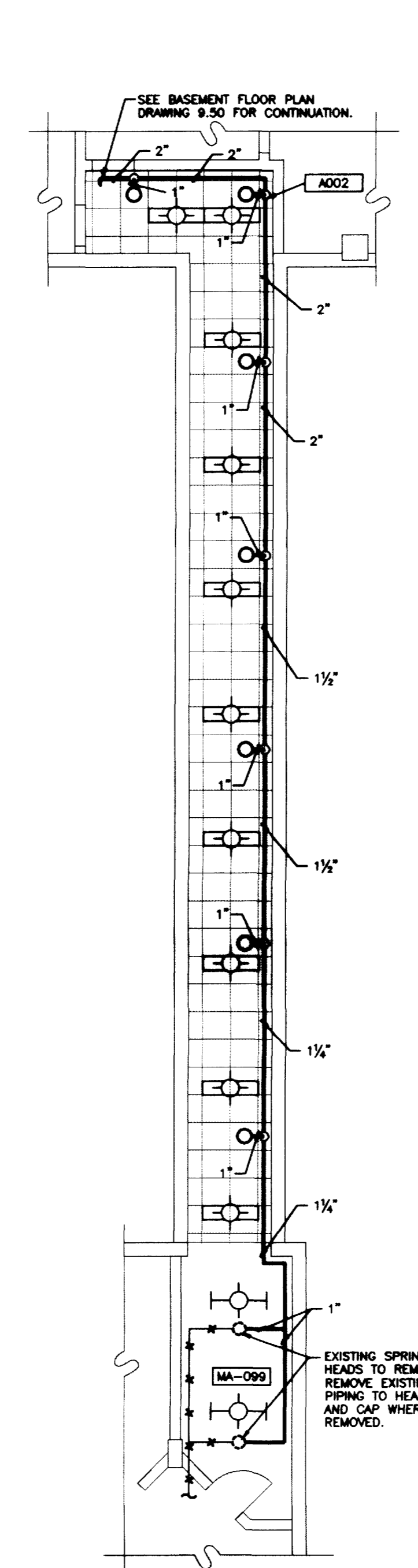
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SECTION A
SCALE: 1/8"=1'-0"
9.61

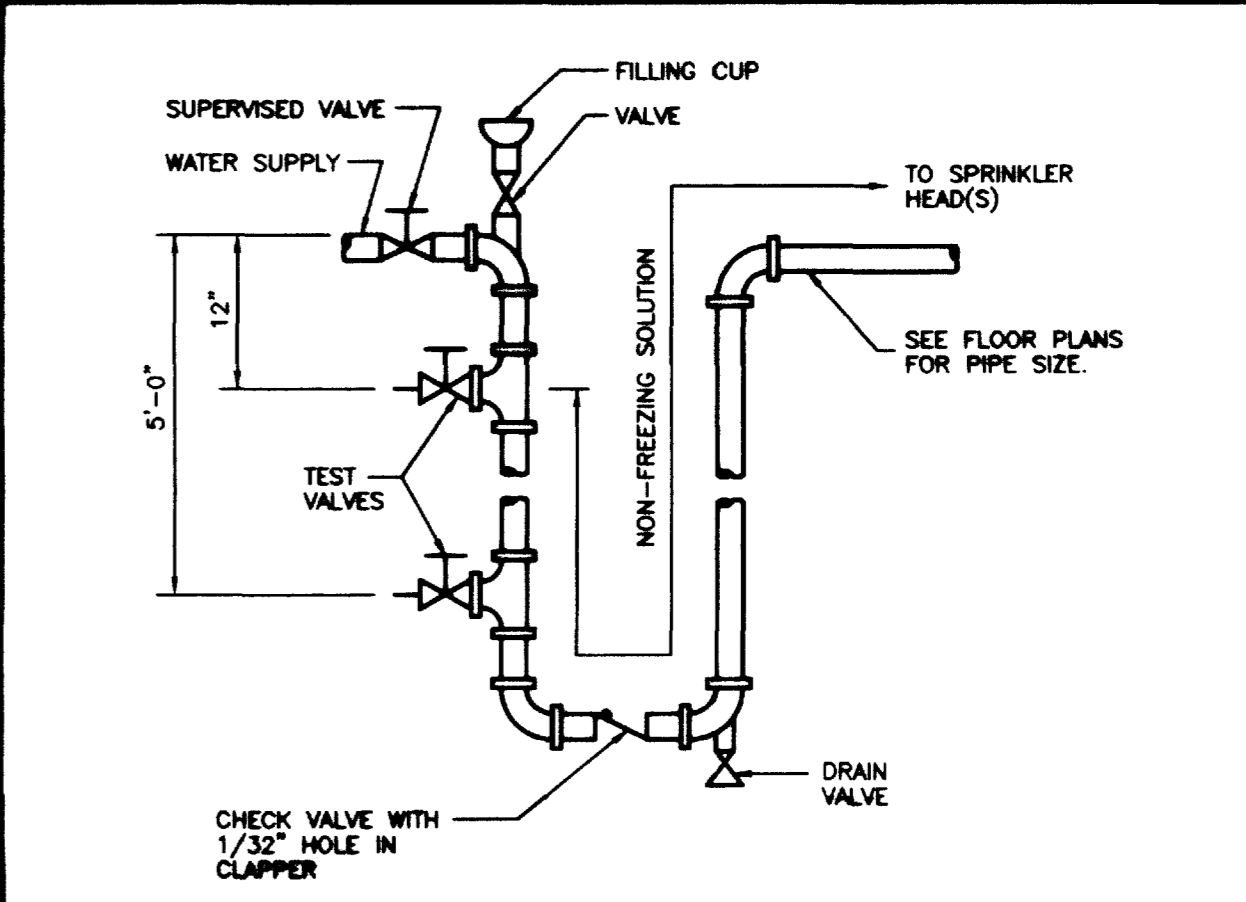


SECTION B
SCALE: 1/8"=1'-0"
9.61

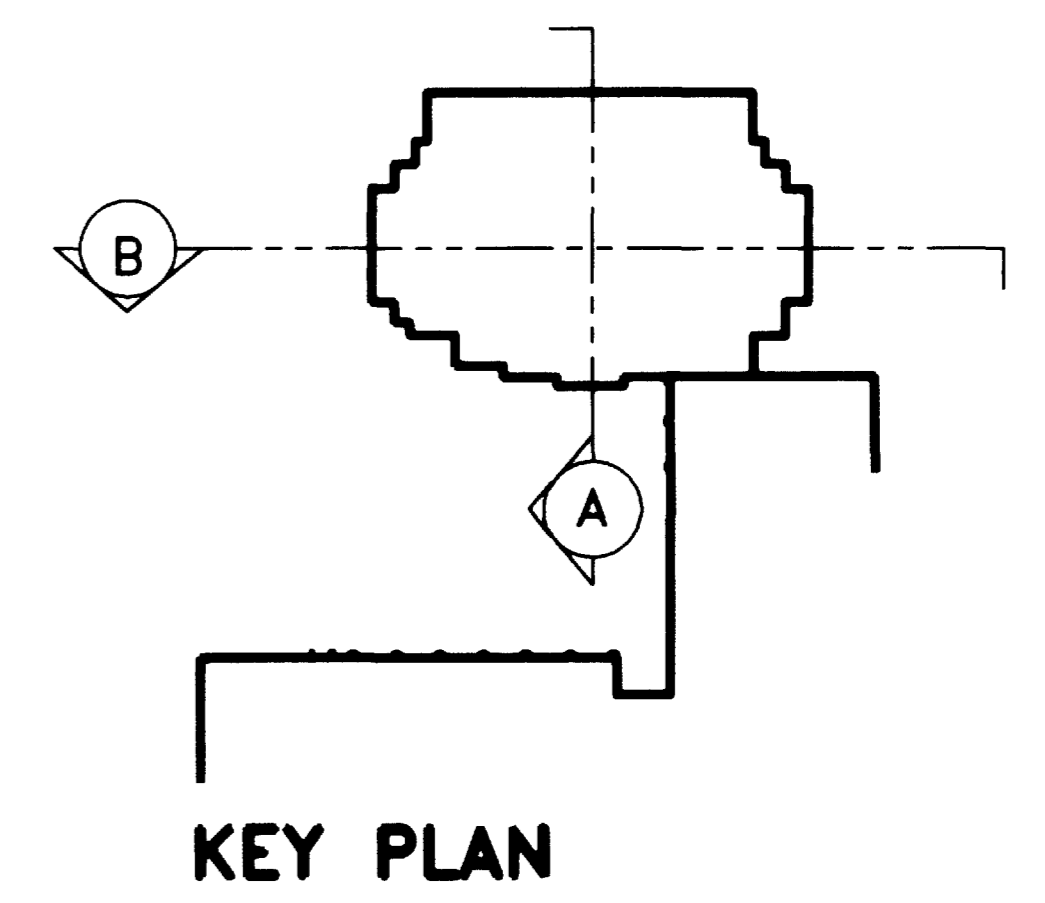


FIRE PROTECTION PLAN - TUNNEL CONNECTOR
SCALE: 1/8"=1'-0"

FIRE PROTECTION LEGEND	
— FP —	FIRE PROTECTION MAIN
—	EXISTING SPRINKLER BRANCH PIPING
—	NEW SPRINKLER BRANCH PIPING
—○—	ELBOW UP
—○—	ELBOW DOWN
—○—	ELBOW SIDE
—○—	TEE UP
—○—	TEE DOWN
—○—	TEE SIDE
—○—	SUPERVISED VALVE
—○—	INSPECTOR'S TEST VALVE
—○—	FLOW SWITCH
—X—X—X—	EXISTING PIPING TO BE REMOVED
○	SPRINKLER HEAD (PENDENT)
●	SPRINKLER HEAD (UPRIGHT)
▲	SPRINKLER HEAD (SIDEWALL)
◀	SPRINKLER HEAD (SIDEWALL - DRY TYPE)
○	HYDRAULIC CALCULATION REFERENCE POINT
○	PRESSURE GAUGE



SPRINKLER ANTIFREEZE LOOP DETAIL
NO SCALE



KEY PLAN

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University of Kentucky Lexington, Kentucky	Project No. 80240.01	Scale 1/8" = 1'-0"
FINAL DOCUMENTS	Drawing No. 9.61	

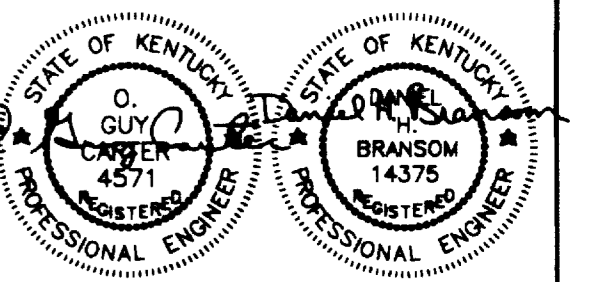
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PROJECT NO. 747.0
Lexington, Kentucky

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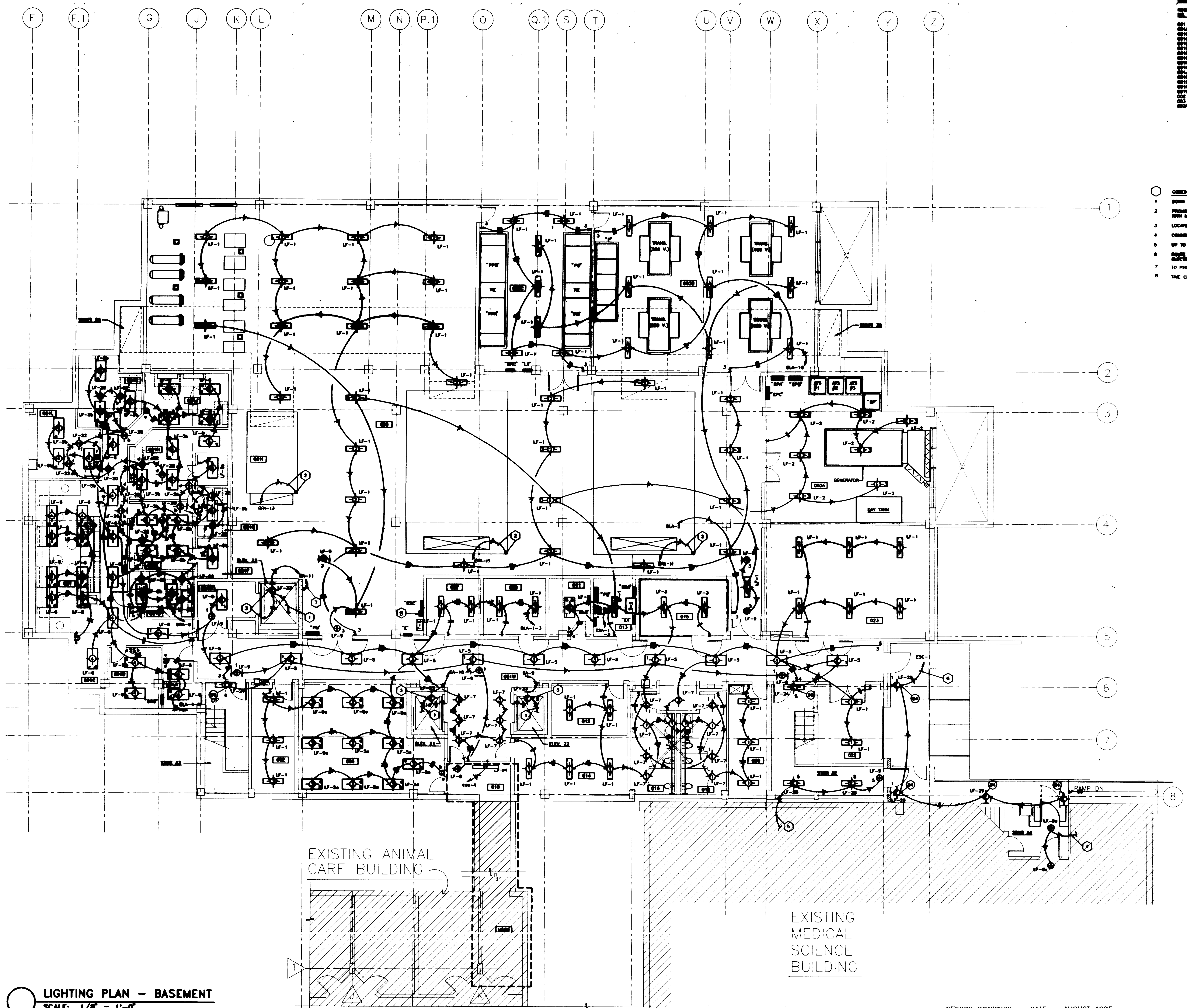


Revision	Date
Issue Date	DEC. 92
Drawing Title	FIRE PROTECTION DETAILS

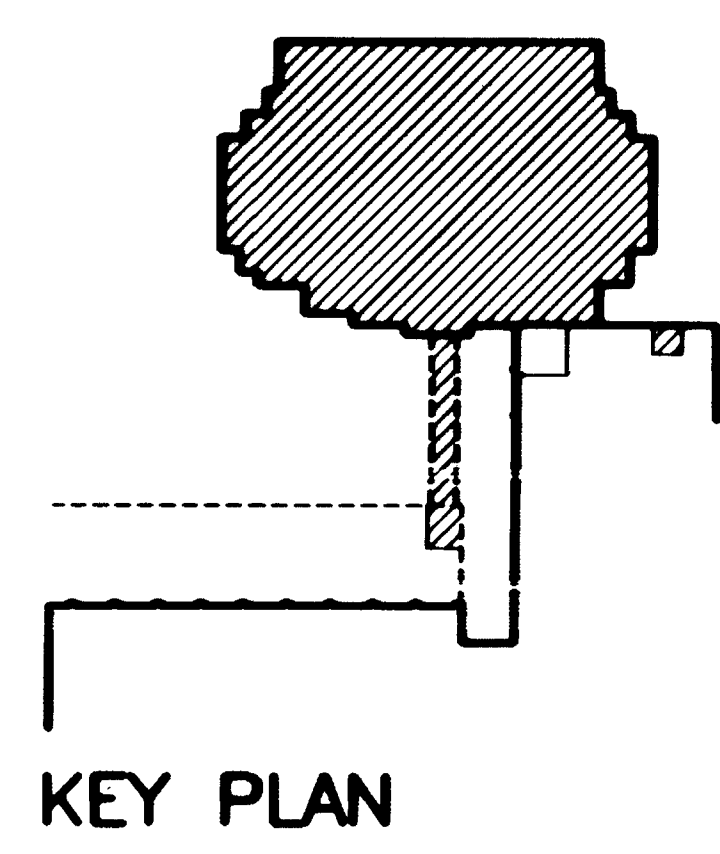
Drawn by DWH
Checked by DWH
Project No. 80240.01
Scale 1/8" = 1'-0"
Drawing No. 9.61

SYMBOL	DESCRIPTION
1	DOWN TO RECEPTACLE. SEE DRAWING 10.10
2	UP TO LIGHT FIXTURE ABOVE. SEE DRAWING 10.11
3	UP TO LIGHT FIXTURE ABOVE. SEE DRAWING 10.11
4	UP TO LIGHT FIXTURE ABOVE. SEE DRAWING 10.11
5	UP TO LIGHT FIXTURE ABOVE. SEE DRAWING 10.11
6	UP TO LIGHT FIXTURE ABOVE. SEE DRAWING 10.11
7	UP TO LIGHT FIXTURE ABOVE. SEE DRAWING 10.11
8	UP TO LIGHT FIXTURE ABOVE. SEE DRAWING 10.11

- CODED NOTES: DRAWING 10.10**
- DOWN TO RECEPTACLE. SEE DRAWING 10.10.
 - UP TO LIGHT FIXTURE ABOVE. SEE DRAWING 10.11.
 - UP TO LIGHT FIXTURE ABOVE. SEE DRAWING 10.11.
 - UP TO LIGHT FIXTURE ABOVE. SEE DRAWING 10.11.
 - UP TO LIGHT FIXTURE ABOVE. SEE DRAWING 10.11.
 - UP TO LIGHT FIXTURE ABOVE. SEE DRAWING 10.11.
 - UP TO LIGHT FIXTURE ABOVE. SEE DRAWING 10.11.
 - UP TO LIGHT FIXTURE ABOVE. SEE DRAWING 10.11.



LIGHTING PLAN - BASEMENT
 SCALE: 1/8" = 1'-0"



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Project No.	747.0
Date	11/20/92
By	JCS/lms
Checked by	ARS
Project No.	80240.01
Scale	1/8" = 1'-0"
Drawing No.	10.10

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Revision	Date
Issue Date	DEC. 92

LIGHTING PLAN BASEMENT

Drawn by
 JCS/lms
 Checked by
 ARS
 Project No. 80240.01
 Scale 1/8" = 1'-0"
 Drawing No. 10.10

DRAWING - E:\UCURV\10-10.DWG SCALE = 1/8" = 1'-0" DATE = 11/20/92 AT 15:58

DATE PLOT = 11/20/92 10:27:06



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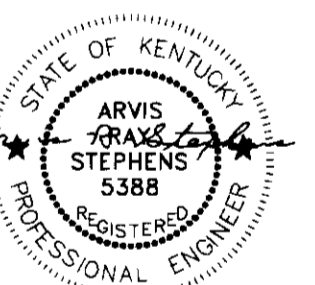
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Revision	Date
Issue	DEC. 92
Drawing	Title

LIGHTING PLAN
FIRST FLOOR

RECORD DRAWINGS DATE AUGUST 1995

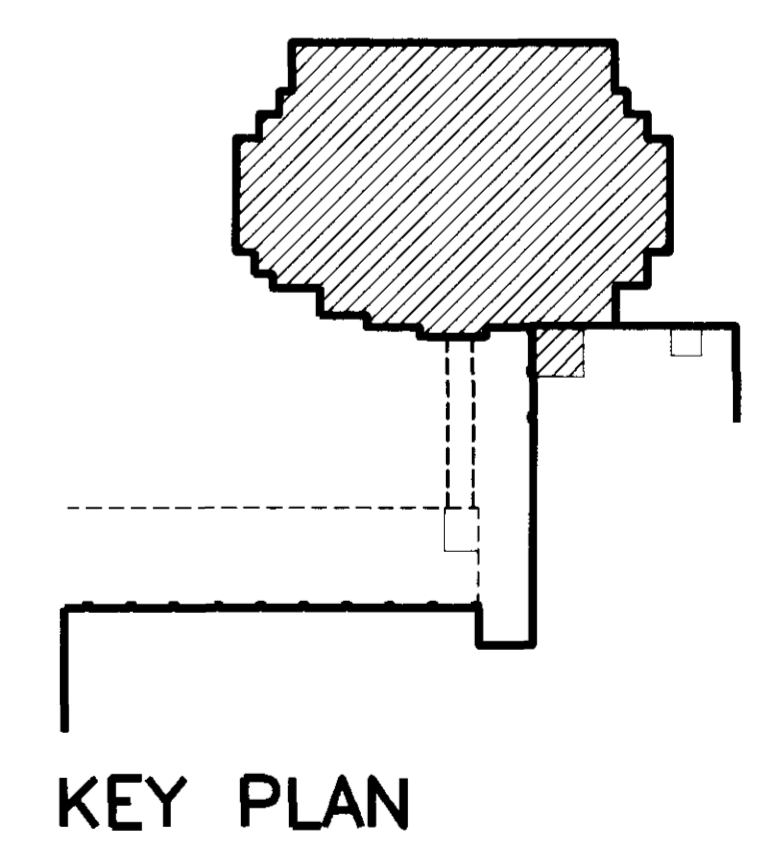
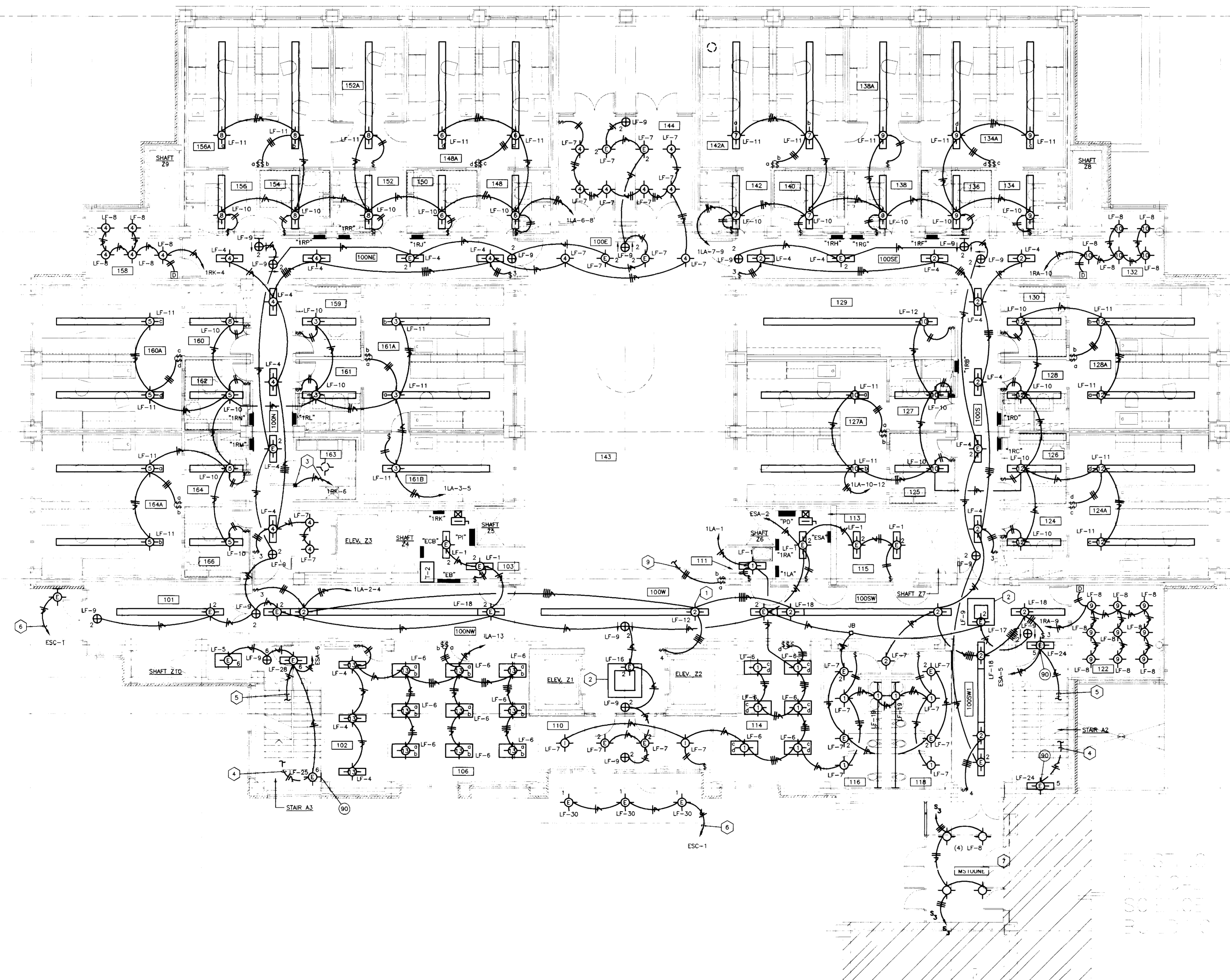
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ck. by	
revision	
drawing	
approved by	FINAL DOCUMENTS
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ROOM NO.	ROOM NAME	ROOM NO.	ROOM NAME
100E	CORRIDOR	132	INTERACTION
100N	CORRIDOR	134	WORK STATION
100NE	CORRIDOR	134A	LAB
100NW	CORRIDOR	136	OFFICE
100SE	CORRIDOR	138	WORK STATION
100SW	CORRIDOR	138A	LAB
100SW1	CORRIDOR	140	OFFICE
100W	CORRIDOR	142	WORK STATION
101	VESTIBULE	142A	LAB
102	JANITORS EQUIPMENT	143	ATRIUM
103	ELECT. ROOM	144	VESTIBULE
106	CLERICAL	148	WORK STATION
110	ENTRY	150	OFFICE
111	JANITORS CLOSET	152	WORK STATION
113	ELECTRIC ROOM	152A	LAB
114	COFFEE/READING	154	OFFICE
115	COMMUNICATIONS ROOM	156	WORK STATION
116	MENS TOILET	156A	LAB
118	WOMENS TOILET	158	INTERACTION
122	WORK STATION	160	WORK STATION
124	LAB	160A	LAB
124A	LAB	161	WORK STATION
125	OFFICE	161A	LAB
126	OFFICE	161B	LAB
127	WORK STATION	162	OFFICE
127A	LAB	163	COLD ROOM
128	WORK STATION	164	WORK STATION
128A	LAB	164A	LAB
129	SHARED EQUIPMENT	168	OFFICE
130	OFFICE	168	VESTIBULE

- CODED NOTES: DRAWING 10.11
- 1 MOUNT FIXTURE WITH BOTTOM AT 8'-0" A.F.F.
 - 2 SEE ARCHITECTURAL DETAILS FOR MOUNTING HEIGHT.
 - 3 PROVIDE ELECTRICAL CONNECTION TO COOLER CONTROL PANEL AND LIGHT FIXTURE IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 - 4 DOWN TO LIGHT FIXTURE BELOW. SEE DRAWING 10.10
 - 5 UP TO LIGHT FIXTURE ABOVE. SEE DRAWING 10.12
 - 6 ROUTE CIRCUIT THRU RELAY IN ELECTRIC ROOM. SEE RISER
 - 7 EXISTING OUTLET BOX TO REMAIN. CONNECT NEW LIGHT FIXTURES TO EXISTING CIRCUIT AS REQUIRED.
 - 8 NO ADDITIONAL ELECTRICAL WORK IN THIS AREA UNLESS NOTED OR REQUIRED TO WORK WITH NEW SYSTEM.
 - 9 UP TO LIGHT FIXTURES. SEE DRAWING 10.14.

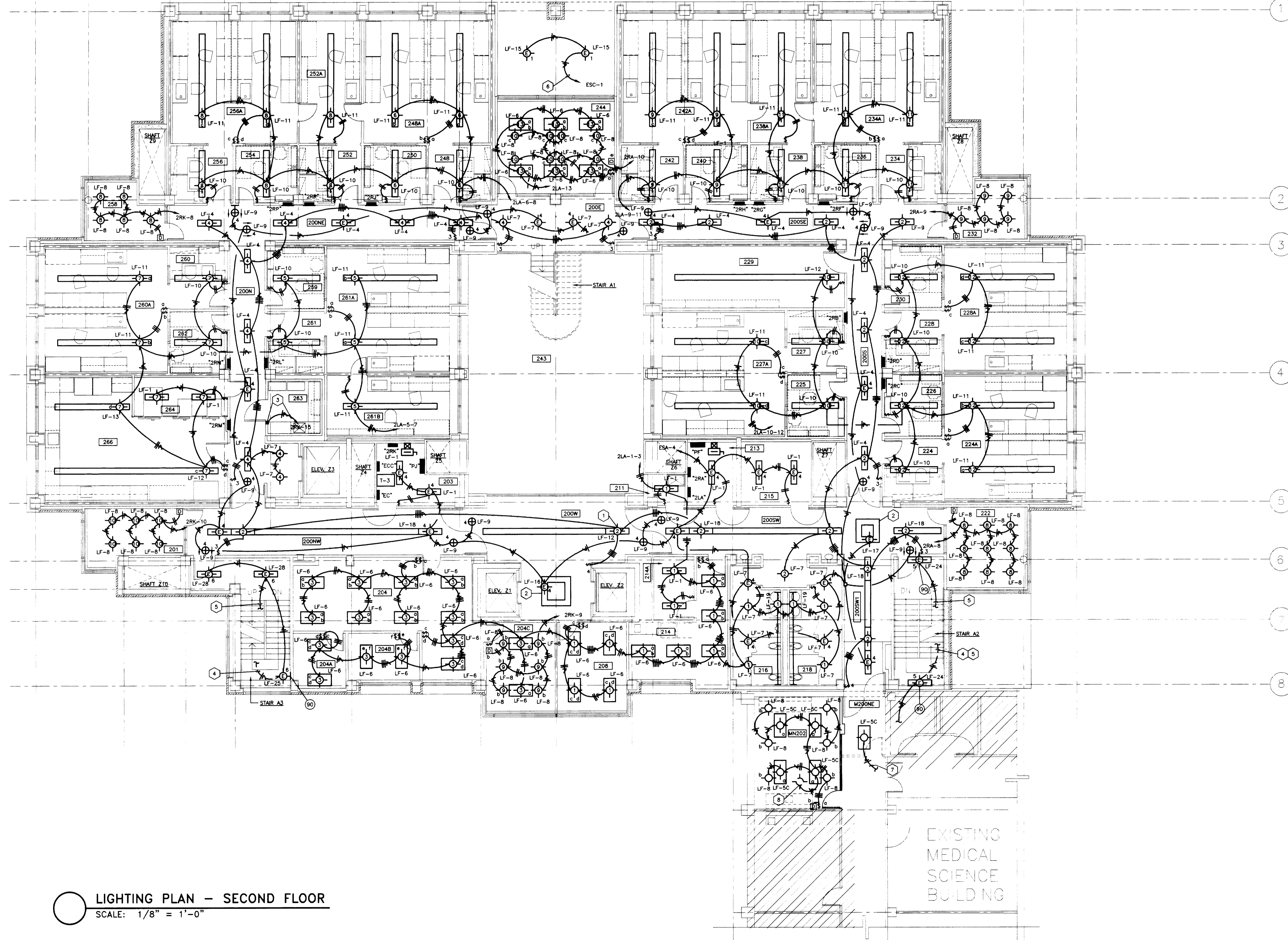


LIGHTING PLAN - FIRST FLOOR
SCALE: 1/8" = 1'-0"

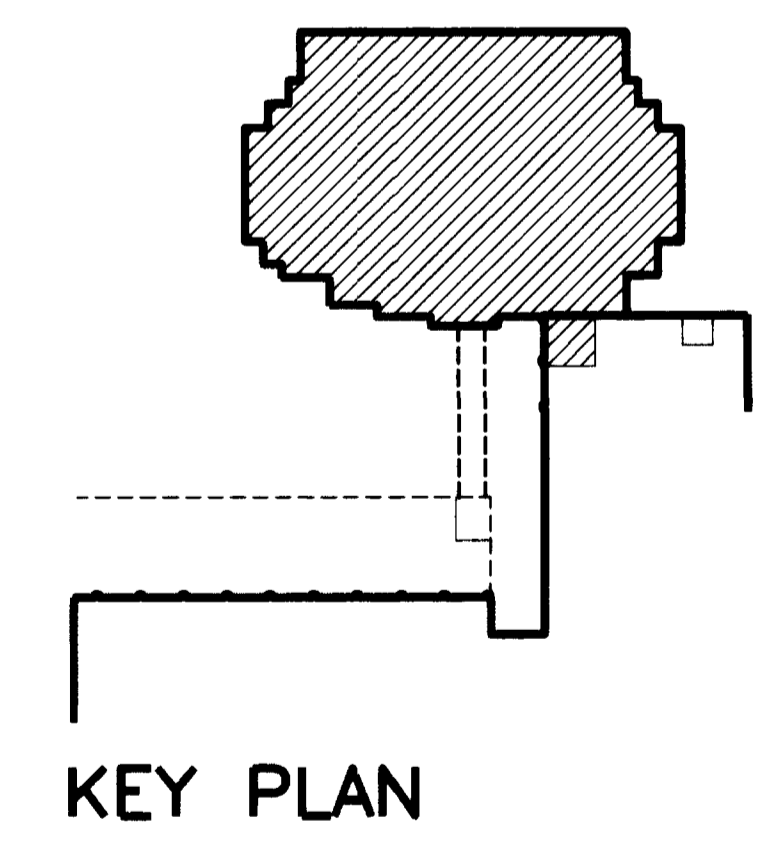
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E F G J K L M N P Q Q.1 S T U V W X Y Z

ROOM NO.	ROOM NAME	ROOM NO.	ROOM NAME
200E	CORRIDOR	232	INTERACTION
200N	CORRIDOR	234	OFFICE
200NE	CORRIDOR	234A	LAB
200NW	CORRIDOR	236	OFFICE
200NW	CORRIDOR	238	WORK STATION
200S	CORRIDOR	238A	LAB
200SE	CORRIDOR	240	OFFICE
200SW1	CORRIDOR	242	LAB
200W	CORRIDOR	242A	LAB
201	INTERACTION	243	ATRIUM
203	ELECTRIC ROOM	244	RESEARCH MEETING
204	OPEN OFFICE AREA	248	WORK STATION
204A	CONFERENCE	248	LAB
204B	OFFICE	250	OFFICE
204C	OFFICE	252	WORK STATION
208	CONFERENCE	252A	LAB
211	JANITOR'S CLOSET	254	LAB
213	ELECTRIC ROOM	256	OFFICE
214	COFFEE PARLOR	256A	LAB
214A	JANITOR'S EQUIPMENT	258	INTERACTION
215	COMMUNICATION ROOM	259	OFFICE
216	MEN'S TOILET	260	WORK STATION
218	WOMEN'S TOILET	261	WORK STATION
222	INTERACTION	261A	LAB
224	WORK STATION	261B	LAB
224A	LAB	262	OFFICE
225	OFFICE	263	COLD ROOM
226	OFFICE	264	AUTOClave
227	WORK STATION	266	CLASS/AUTOClave
227A	LAB	M200E	CORRIDOR
228	WORK STATION	M202	CONFERENCE
228A	LAB		
229	SHARED EQUIPMENT		
230	OFFICE		



- CODED NOTES - DRAWING 10.12
- 1 MOUNT FIXTURE WITH BOTTOM AT 8'-0" A.F.F.
 - 2 SEE ARCHITECTURAL DETAILS FOR MOUNTING HEIGHT.
 - 3 PROVIDE ELECTRICAL CONNECTION TO COOLER CONTROL PANEL IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 - 4 DOWN TO LIGHT FIXTURE BELOW. SEE DRAWING 10.11
 - 5 UP TO LIGHT FIXTURE ABOVE. SEE DRAWING 10.13
 - 6 ROUTE THRU TIME SWITCH IN ELECTRIC ROOM. SEE RISER. TIME CLOCK LOCATED AT PANEL ESC IN BASEMENT MECHANICAL ROOM.
 - 7 CONNECT NEW LIGHT FIXTURE TO EXISTING CORRIDOR CIRCUIT AS REQUIRED.
 - 8 CONNECT NEW LIGHT FIXTURES TO EXISTING CIRCUIT AS REQUIRED.



LIGHTING PLAN - SECOND FLOOR
SCALE: 1/8" = 1'-0"

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ck. by	
revision	
drawing no.	
approved by	FINAL DOCUMENTS
designer - design and construction division	058
dt	

THE UNIVERSITY OF KENTUCKY

MEDICAL RESEARCH EXPANSION SPACE PROJECT NO. 747.0 Lexington, Kentucky



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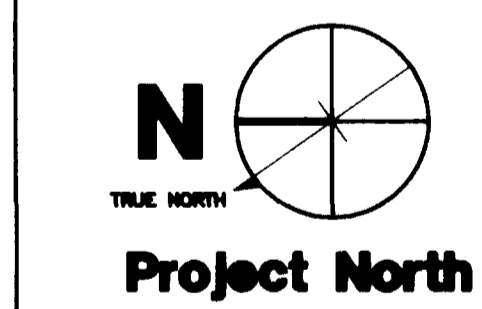
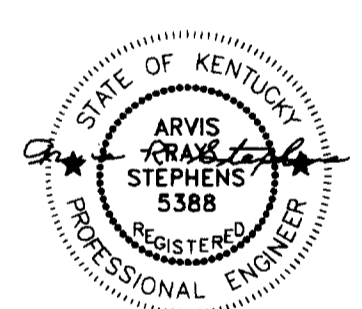
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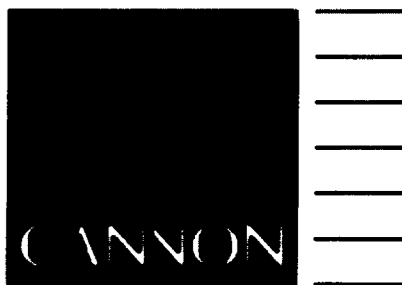
Revision	Date
Issue	DEC. 92

Drawing Title
LIGHTING PLAN SECOND FLOOR

Drawn by
JCR/WTG
Checked by
ARS
Project No. Scale
90240.01 1/8" = 1'-0"
Drawing No.
10.12

DRAWING - S:\DWG\MEDIC\UNIV\AB\ELC\10-12.DWG SCALE = 1/8" = 1'-0" AT 10:01

46 C-1 402798



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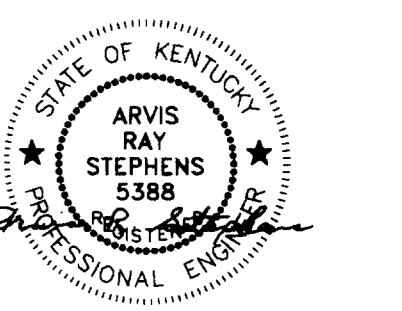
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Revision	Date
Issue Date	11-02-92
Drawing Title	

LIGHTING PLAN
THIRD FLOOR

Drawn by
JCR

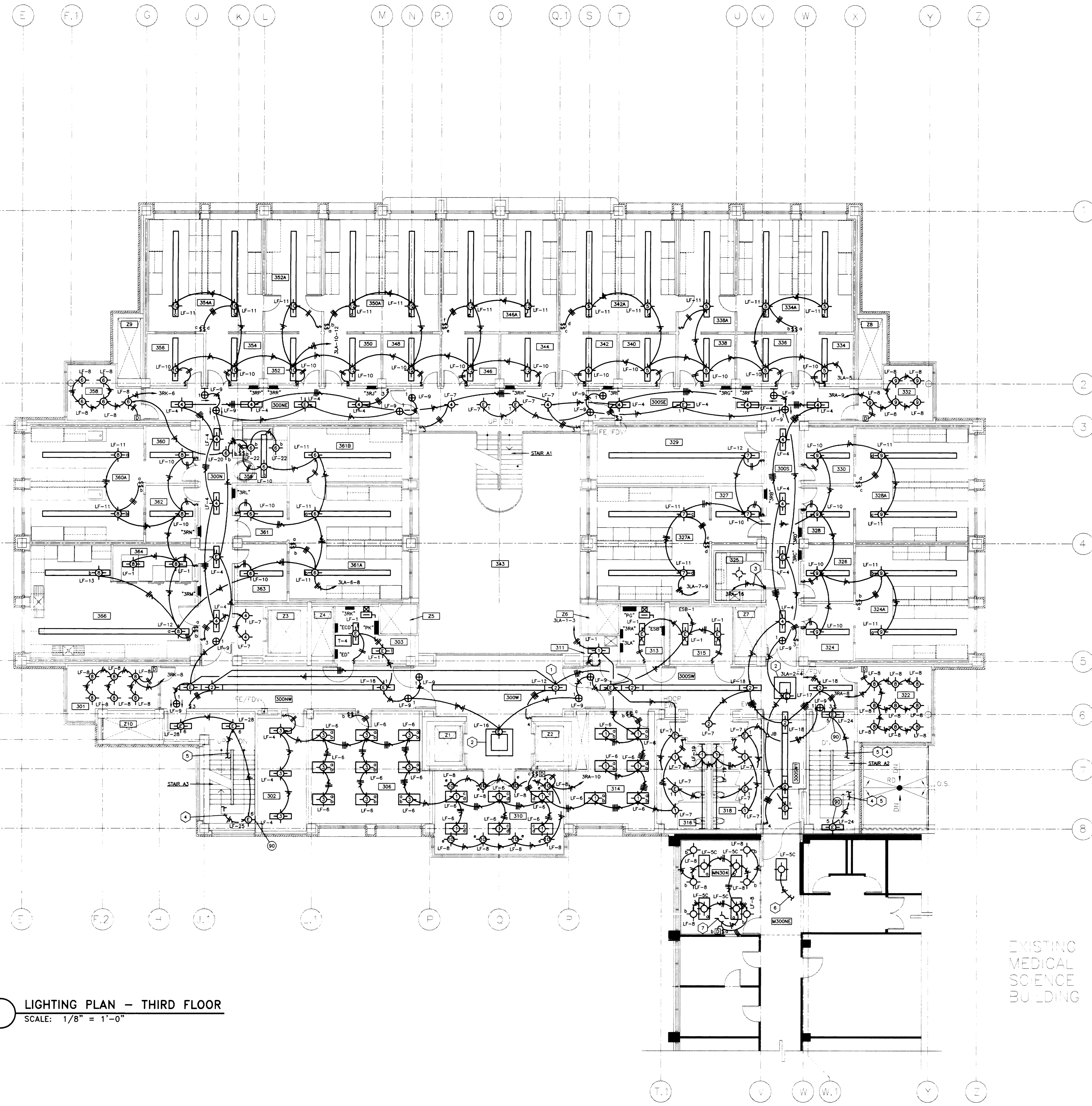
Checked by
ARS

Project No. Scale
80793 1/8" = 1'-0"

Drawing No.
10.13R

ROOM NO.	ROOM NAME	ROOM NO.	ROOM NAME
300E	CORRIDOR	334A	LAB
300N	CORRIDOR	336	OFFICE
300NE	CORRIDOR	338	WORK STATION
300NW	CORRIDOR	338A	LAB
300S	CORRIDOR	340	OFFICE
300SE	CORRIDOR	342	WORK STATION
300SW	CORRIDOR	342A	LAB
300SW	CORRIDOR	343	ATRIUM
300W	CORRIDOR	344	OFFICE
301	INTERACTION	344	LAB
302	JANITOR EQUIPMENT	346A	LAB
303	ELECTRIC ROOM	346	WORK STATION
306	CLERICAL	350	WORK STATION
310	GENERAL CONFERENCE	350A	LAB
311	JANITOR CLOSET	352	WORK STATION
313	ELECTRIC ROOM	352A	LAB
314	COFFEE/VENDING	354	WORK STATION
315	COMMUNICATION ROOM	354A	LAB
316	MEN'S TOILET	356	OFFICE
318	WOMEN'S TOILET	358	INTERACTION
322	INTERACTION	359	DARK ROOM
324	LAB	360	WORK STATION
324A	LAB	360A	LAB
325	COLD ROOM	361	LAB
326	OFFICE	361A	LAB
327	WORK STATION	361B	LAB
327A	LAB	362	OFFICE
328	LAB	363	OFFICE
328A	LAB	364	AUTOCLAVE
329	SHARED EQUIPMENT	366	GLASSWASH/AUTOCLAVE
335	OFFICE	366	CORRIDOR
337	INTERACTION	MNS04	CONFERENCE ROOM
334	WORK STATION		

- CODED NOTES: DRAWING 10.13
- 1 MOUNT FIXTURE WITH BOTTOM AT 8'-0" A.F.F.
 - 2 SEE ARCHITECTURAL DETAILS FOR MOUNTING HEIGHT.
 - 3 PROVIDE ELECTRICAL CONNECTION TO COOLER CONTROL PANEL IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 - 4 DOWN TO LIGHT FIXTURE BELOW. SEE DRAWING 10.12
 - 5 UP TO LIGHT FIXTURE ABOVE. SEE DRAWING 10.14
 - 6 CONNECT NEW LIGHT FIXTURE TO EXISTING CORRIDOR CIRCUIT AS REQUIRED.
 - 7 CONNECT NEW LIGHT FIXTURES TO EXISTING CIRCUIT AS REQUIRED.



LIGHTING PLAN - THIRD FLOOR
SCALE: 1/8" = 1'-0"

EXISTING
MEDICAL
SCIENCE
BUILDING

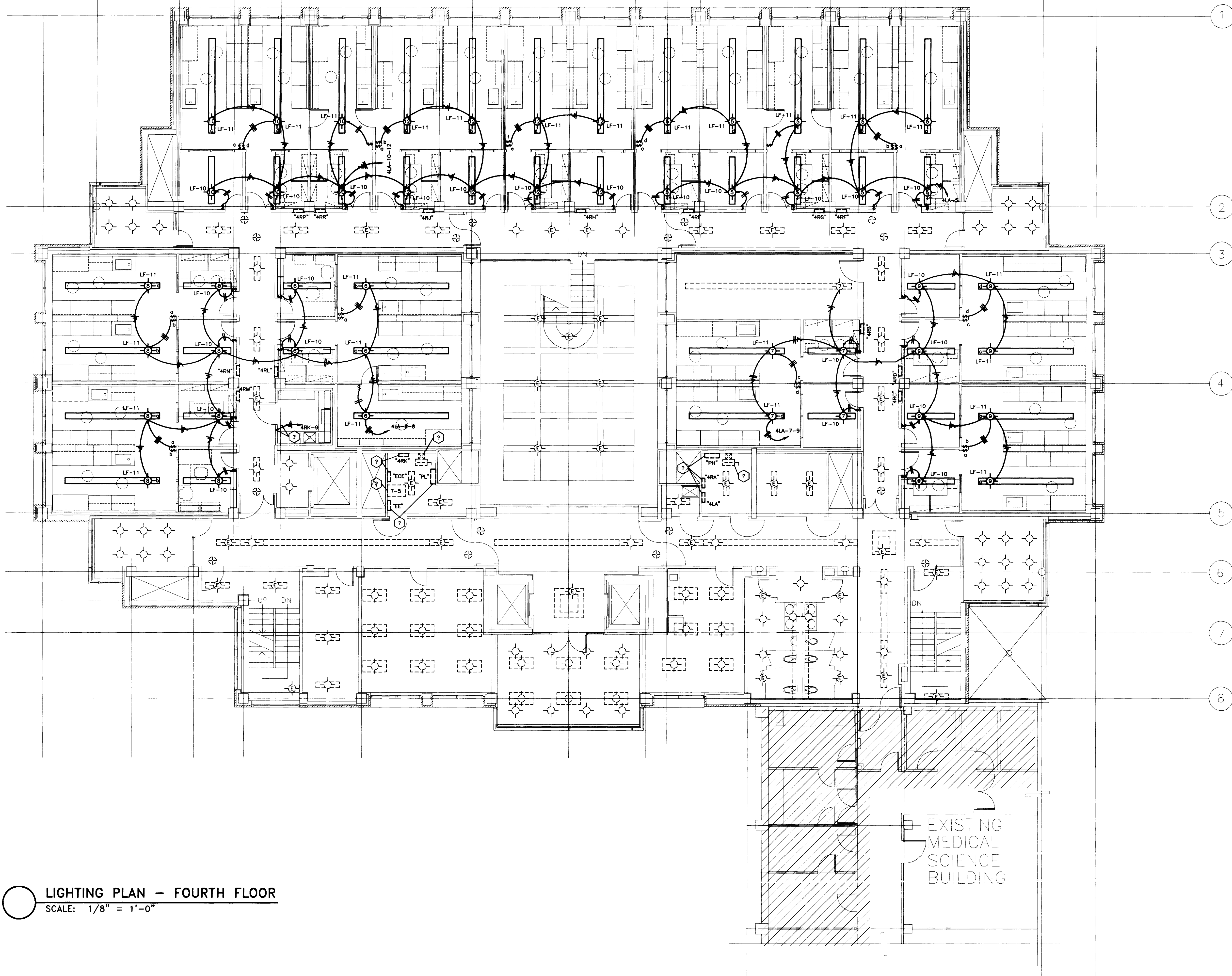
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director - design and construction division			

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LIGHTING PLAN - FOURTH FLOOR
SCALE: 1/8" = 1'-0"

RECORD DRAWINGS DATE AUGUST 1995
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drawing no.	
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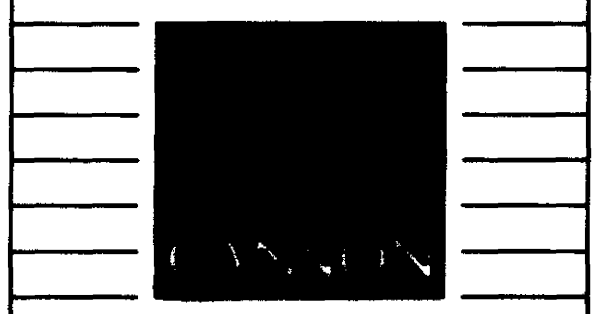
Revision	Date
Issue	11-02-92
Drawing Title	
LIGHTING PLAN FOURTH FLOOR	

Drawn by JCR/WTC
Checked by ARS
Project No. 80793
Scale 1/8" = 1'-0"
Drawing No. **10.14R**

PENTHOUSE	
ROOM NO.	ROOM NAME
501	PENTHOUSE
501A	ELEV. EQUIPMENT
501B	ELEV. EQUIPMENT
502	CORRIDOR
MSOONE	CORRIDOR

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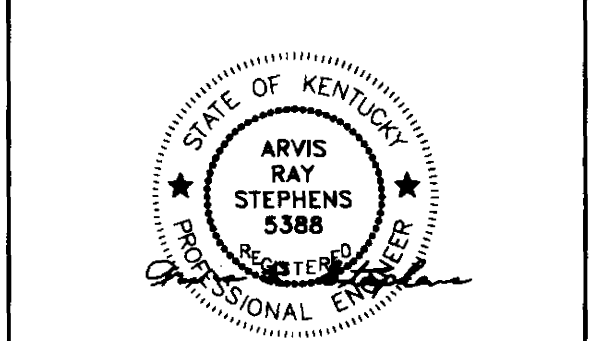
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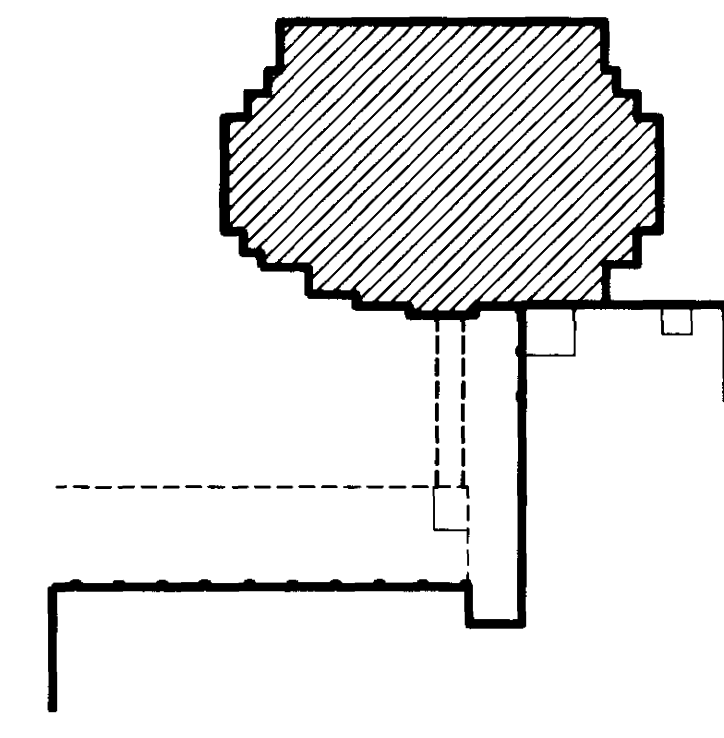
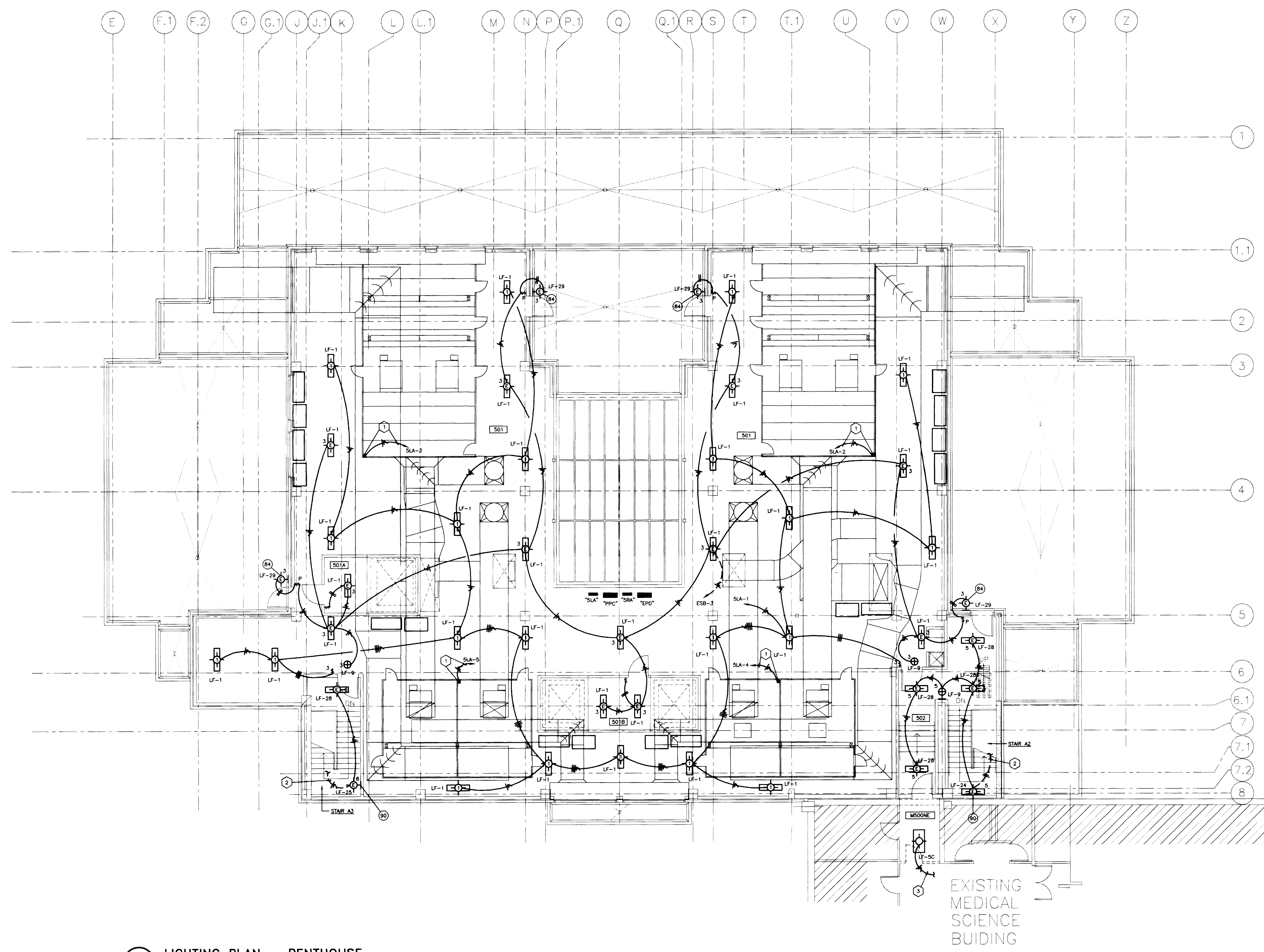
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Lexington, Kentucky 40502



- CODED NOTES - DRAWING 10.15**
1. PROVIDE CONNECTIONS TO AIR HANDLING UNIT LIGHTING CIRCUIT IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 2. DOWN TO LIGHT FIXTURE BELOW. SEE DRAWING 10.14.
 3. CONNECT NEW LIGHT FIXTURE TO EXISTING CORRIDOR CIRCUIT AS REQUIRED.



LIGHTING PLAN - PENTHOUSE
SCALE: 1/8" = 1'-0"

RECORD DRAWINGS DATE AUGUST 1995

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project no.	
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Revision	Date
Issue Date	DEC. 92

Drawing Title
**LIGHTING PLAN
PENTHOUSE**

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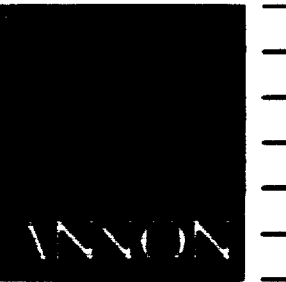
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ARS

Project No. Scale
90240.01 1/8" = 1'-0"

Drawing No.
10.15

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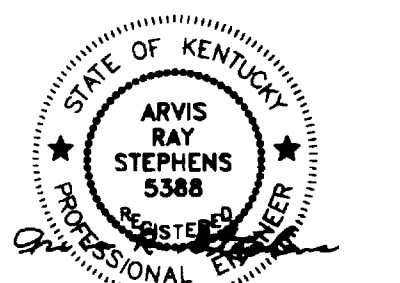
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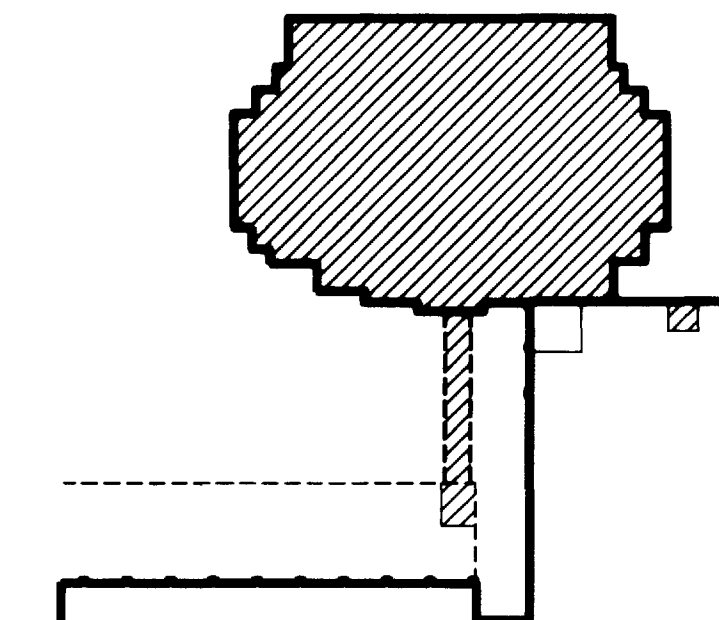
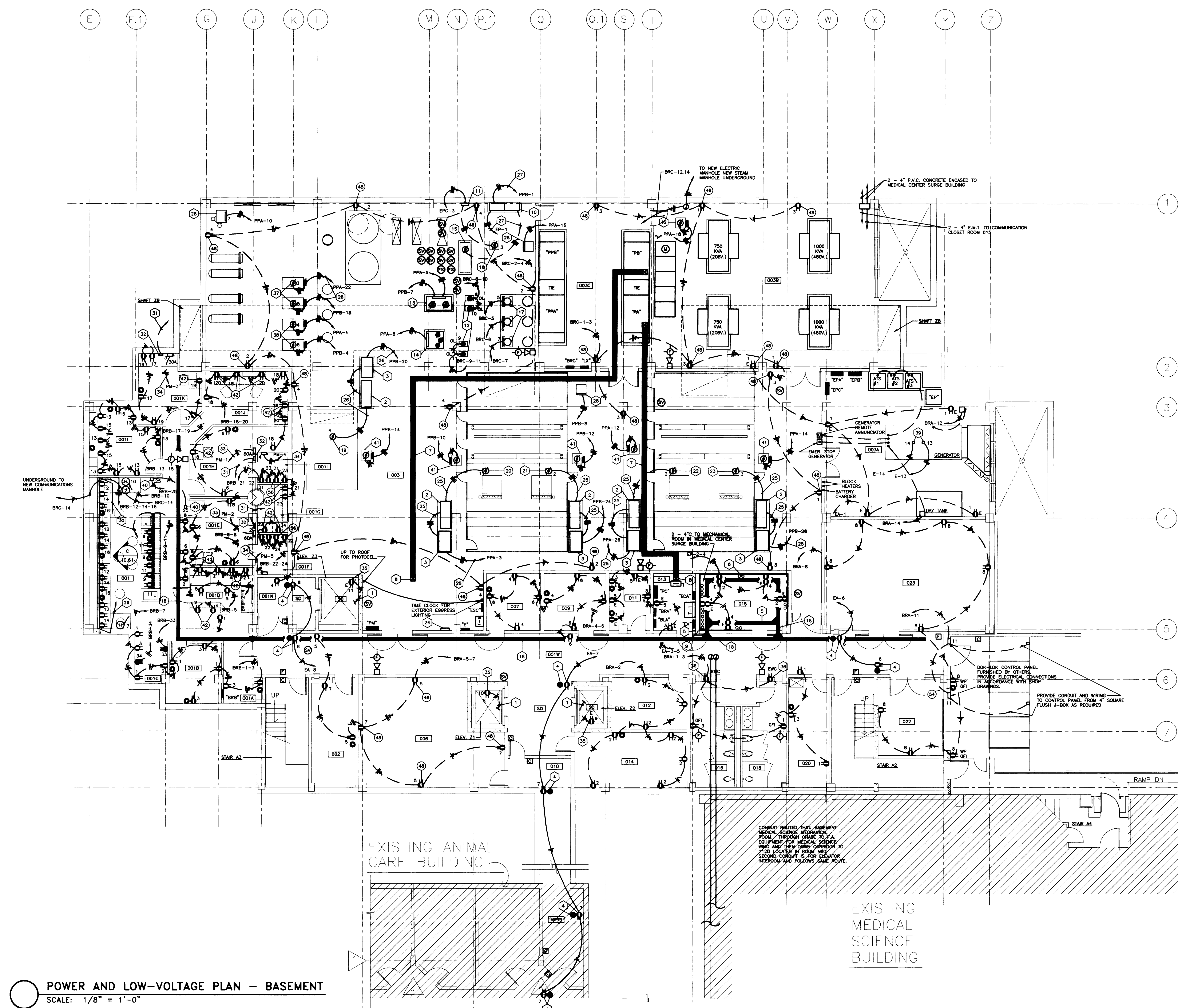
Revision	Date
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Drawing Title	

**POWER AND LOW-VOLTAGE PLAN
BASEMENT**

Drawn by	JCR/MTG
Checked by	ARS
Project No.	80240.01
Scale	1/8" = 1'-0"
Drawing No.	10.30

ROOM NO.	ROOM NAME	ROOM NO.	ROOM NAME
001	LAB	0038	ELECTRICAL VAULT
001A	SECRETARY	003C	SWITCHGEAR
001B	OFFICE	005	ANIMAL CARE
001C	EQUIPMENT	007	RECORDS/STORAGE
001D	SHOWROOM	009	STORAGE
001E	E.M. ROOM	010	SECURITY OFFICE
001F	E.M. ROOM	011	SECURITY OFFICE
001G	E.M. ROOM	012	RADIOACTIVE STORAGE
001H	E.M. ROOM	013	ELECTRICAL
001I	E.M. ROOM	014	HOUSEKEEPING
001J	MICROFILM	015	COMMUNICATIONS
001K	SEMINAR ROOM	016	MEN'S TOILET
001L	IMAGING	018	WOMEN'S TOILET
001M	CART ACCESS	020	HOUSEKEEPER
001W	CORRIDOR	022	RECEIVING
002	SOLVENT STORAGE	023	STORAGE
003	MECHANICAL	MA89	CORRIDOR
003A	GENERATOR		

- CODED NOTES - DRAWING 10.30**
- UP TO LIGHT. SEE DRAWING 10.10.
 - VARIABLE FREQUENCY DRIVE. PROVIDE ELECTRICAL CONNECTION IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS. INSTALL ON 3" CONCRETE PAD.
 - ISOLATION TRANSFORMER. PROVIDE ELECTRICAL CONNECTION IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS. INSTALL ON 3" CONCRETE PAD.
 - CAMERA OUTLET AND DUPLEX RECEPTACLE INSTALLED IN CEILING. SEE CAMERA RISER.
 - 16"W. X 4"D. CABLE TRAY AROUND PERIMETER OF COMMUNICATIONS CLOSET.
 - (2) 4" SLEEVES UP TO COMMUNICATIONS CLOSET 115. (TYPICAL ALL FOUR WALLS).
 - 1800AL. 200V. 3-PHASE PLUG-IN DUCT. SEE SPECIFICATIONS AND RISER DIAGRAM. COORDINATE INSTALLATION WITH OTHER TRADES.
 - PLUG-IN DUCT VERTICAL RISE. SEE RISER DRAWING 10.70.
 - (6) 4" C. FROM NEW COMMUNICATIONS MANHOLE. SEE SITE PLAN AND DETAILS.
 - FIRE PUMP TRANSFER SWITCH AND CONTROLLER. PROVIDE ALL ELECTRICAL CONNECTIONS IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 - JOCKEY PUMP CONTROLLER.
 - 1/3 H.P., 115V. DOMESTIC WATER RECIRCULATING PUMP.
 - 400V. 3-PHASE DUPLEX VACUUM PUMP (7.5 H.P.).
 - 400V. 3-PHASE BOOSTER SYSTEM (1.5 H.P.).
 - 7.5 H.P. FIRE PUMP (400V).
 - 7.5 H.P. JOCKEY PUMP (400V).
 - 115V. DOMESTIC WATER HEATERS. PROVIDE ELECTRICAL CONNECTION IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 - 12"W. X 4"D. CABLE TRAY.
 - 40 H.P., 480V. 3-PHASE SUPPLY FAN SF-5.
 - 40 H.P., 480V. 3-PHASE SUPPLY FAN SF-A.
 - 40 H.P., 480V. 3-PHASE SUPPLY FAN SF-4B.
 - 40 H.P., 480V. 3-PHASE SUPPLY FAN SF-3A.
 - 40 H.P., 480V. 3-PHASE SUPPLY FAN SF-3B.
 - FIRE ALARM TRANSPOUNDER. SEE RISER DIAGRAM AND SPECIFICATIONS.
 - 3/4" AND 1/2" IN. IN 1'-4".
 - 3/8" AND 1/2" IN. IN 1'-0".
 - 4/1" AND 1/2" IN. IN 1'-2".
 - 480V. 3-PHASE CONDENSATE PUMPS. (2 @ 1/2 H.P.).
 - 3/4" C. FROM EMERGENCY RACEWAY STUBBED UP ABOVE CEILING SPACE AND CAPPED FOR FUTURE.
 - 1'-1/4" C. FROM LOW-VOLTAGE RACEWAY TO CABLE TRAY AS REQUIRED.
 - NO. 2 COPPER GROUND WIRE IN 1" C. TO ELECTRIC SERVICE GROUND.
 - 1'-0" L. X 2 1/4" X 1/4" THICK COPPER GROUND BAR, 3/16" X 1" STRIP IRON STANDOFF LEGS, ZINC COATED. PROVIDE SINGLE IIT BLACKBURN L125 LUG FOR INCOMING CABLE AND (12) L35 LUGS FOR BRANCH GROUNDS.
 - 2/8" AND 1/8" IN. IN 1'-0".
 - 4/1" AND 1/2" IN. IN 3/4".
 - LOCATE RECEPTACLE IN ACCORDANCE WITH ELEVATOR MANUFACTURER'S SHOP DRAWINGS.
 - ROUGH-IN FOR ELECTRIC WATER COOLERS SHALL BE IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS (TYPICAL).
 - 480V. 3-PHASE, 30 H.P., GLYCOL PUMP.
 - 480V. 3-PHASE, 7.5 H.P., HOT WATER PUMP.
 - PROVIDE ELECTRICAL CONNECTION TO BLOCK HEATER IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 - ALARM BELL AND LIGHT FOR EMERGENCY SHOWER. PROVIDE ELECTRICAL CONNECTION IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 - 480V. 3-PHASE, 3 H.P., CHILLED WATER CIRCULATOR.
 - 480V. 3-PHASE, 3 H.P., EXHAUST FAN EF-4.



POWER AND LOW-VOLTAGE PLAN - BASEMENT
SCALE: 1/8" = 1'-0"

RECORD DRAWINGS DATE AUGUST 1995
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drawing no.	

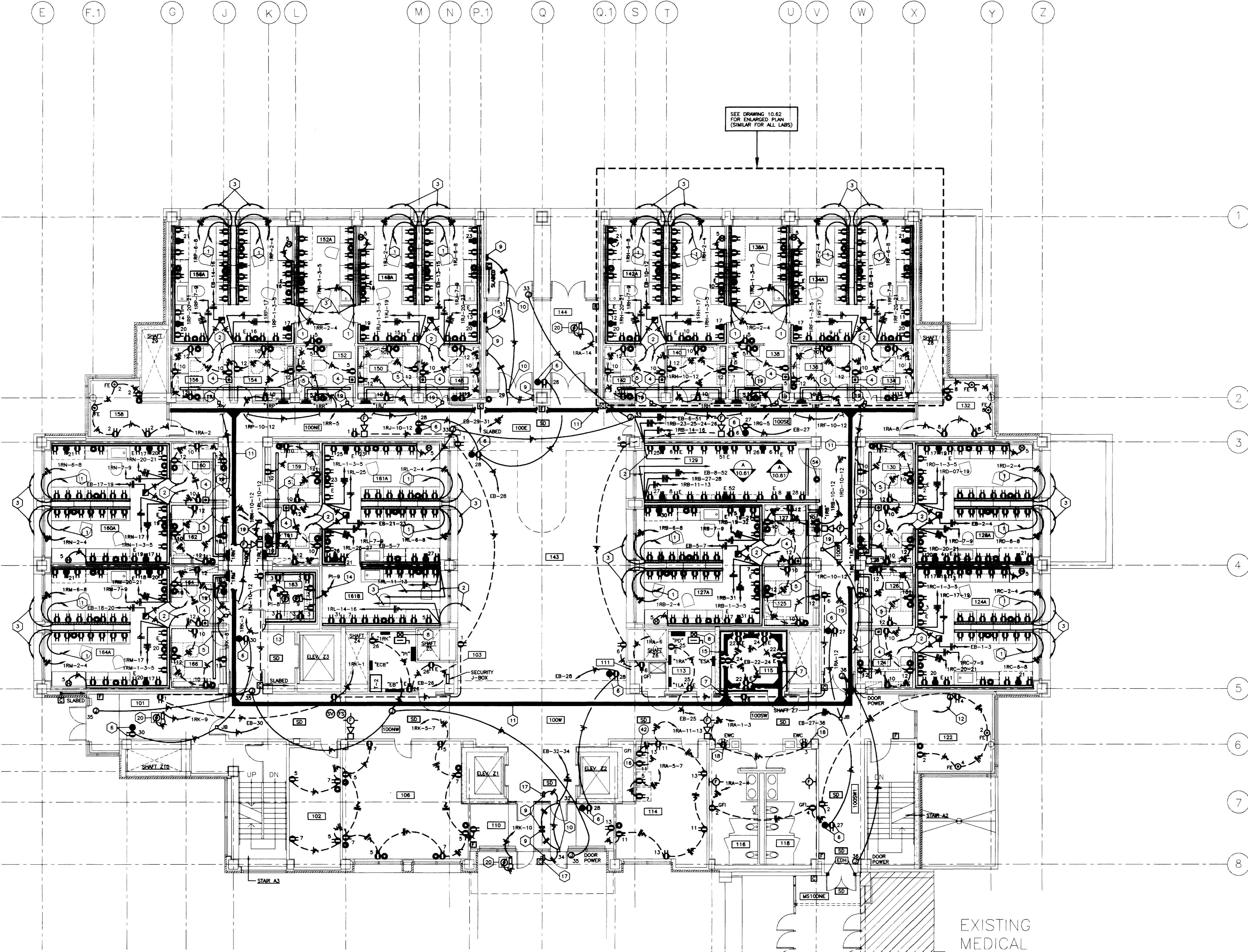
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director - design and construction division

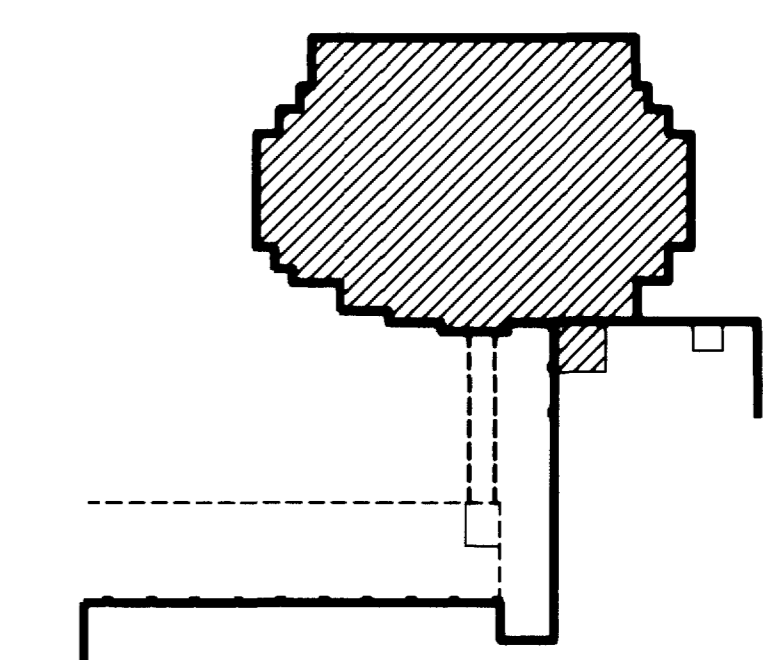
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ROOM NO.	ROOM NAME	ROOM NO.	ROOM NAME
100E	CORRIDOR	132	INTERACTION
100W	CORRIDOR	133	WORK STATION
100NE	CORRIDOR	134	LAB
100NW	CORRIDOR	135	OFFICE
100SE	CORRIDOR	136	WORK STATION
100SW	CORRIDOR	137	LAB
100SW1	CORRIDOR	138A	LAB
100W	CORRIDOR	140	OFFICE
101	VESTIBULE	142	WORK STATION
102	JANITORS EQUIPMENT	143	LAB
103	ELECT. ROOM	144	VESTIBULE
106	CLERICAL	148	WORK STATION
110	ENTRY	150	OFFICE
111	JANITORS CLOSET	152	WORK STATION
113	ELECTRIC ROOM	152A	LAB
114	COFFEE/VENDING	154	WORK STATION
115	COMMUNICATIONS ROOM	156	WORK STATION
116	MENS TOILET	156A	LAB
118	WOMENS TOILET	158	INTERACTION
122	INTERACTION	160	WORK STATION
124	WORK STATION	162A	LAB
124A	LAB	161	WORK STATION
125	OFFICE	161A	LAB
126	OFFICE	161B	LAB
127	WORK STATION	162	OFFICE
127A	LAB	163	COLD ROOM
128	WORK STATION	164	WORK STATION
128A	LAB	164A	LAB
129	LAB	165	OFFICE
130	SHARED EQUIPMENT	165A	VESTIBULE
		MS100NE	

SEE DRAWING 10.62 FOR ENLARGED PLAN (SIMILAR FOR ALL LABS)



- CODED NOTES - DRAWING 10.31**
- 3/4"Ø. FROM EMERGENCY RACEWAY STUBBED UP ABOVE CEILING SPACE AND CAPPED FOR FUTURE.
 - (1) 2"Ø. FROM LOW-VOLTAGE RACEWAY TO CABLE TRAY IN CORRIDOR AS REQUIRED. SEE DETAIL.
 - 1-1/4"Ø. FROM LOW-VOLTAGE RACEWAY TO CABLE TRAY IN CORRIDOR AS REQUIRED.
 - 3-POLE PUSH-BUTTON. ONE POLE TO BE WIRED TO RELAY AND THE OTHER POLE TO BE WIRED TO CONTACTOR IN PANELBOARD SERVING THIS AREA FOR EMERGENCY SHUTDOWN. ALL CONDUIT AND WIRING TO BE PERFORMED IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 - 4" x 4" WIREWAY ABOVE CEILING. SEE DETAIL.
 - CAMERA OUTLET AND DUPLEX RECEPTACLE INSTALLED IN CEILING. SEE CAMERA RISER.
 - 18" x 4" CABLE TRAY AROUND PERIMETER OF COMMUNICATIONS CLOSET.
 - PLUG-IN DUCT VERTICAL RISE. SEE RISER DRAWING 10.70.
 - PUSH-PLATE FOR AUTOMATIC DOOR(S). BY OTHERS. PROVIDE ELECTRICAL CONNECTION IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 - PROVIDE ELECTRICAL CONNECTION TO AUTOMATIC DOORS IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 - 12"Ø. X 4"Ø. CABLE TRAY ABOVE CEILING.
 - 1"Ø. TO CABLE TRAY.
 - CONDENSING UNIT FOR COLD ROOM (200V, 3-PHASE). PROVIDE ELECTRICAL CONNECTION IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 - 3Ø10W. IN 3/4"Ø.
 - (2) 4"Ø. SLEEVES UP TO COMMUNICATIONS CLOSET 215. (TYPICAL ALL FOUR WALLS)
 - FIRE ALARM REMOTE ANNUNCIATOR.
 - SEE ARCHITECTURAL DETAIL OF BOLLARD FOR LOCATION OF OUTLETS.
 - ROUGH-IN FOR ELECTRIC WATER COOLERS SHALL BE IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 - ALARM BELL AND LIGHT FOR EMERGENCY SHOWER. PROVIDE ELECTRICAL CONNECTION IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 - FRACTIONAL HORSEPOWER FAN COIL UNIT ABOVE CEILING.



KEY PLAN

POWER AND LOW-VOLTAGE PLAN - FIRST FLOOR
SCALE: 1/8" = 1'-0"

EXISTING MEDICAL SCIENCE BUILDING

RECORD DRAWINGS DATE AUGUST 1995

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project no.	
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project no.	80240.01
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drawing no.	10.31
approved by	FINAL DOCUMENTS
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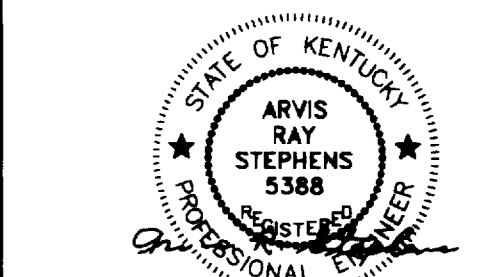
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Revision	Date
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POWER AND LOW-VOLTAGE PLAN FIRST FLOOR

Drawn by	JCR/WTG
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Project No.	80240.01
Scale	1/8" = 1'-0"
Drawing No.	10.31

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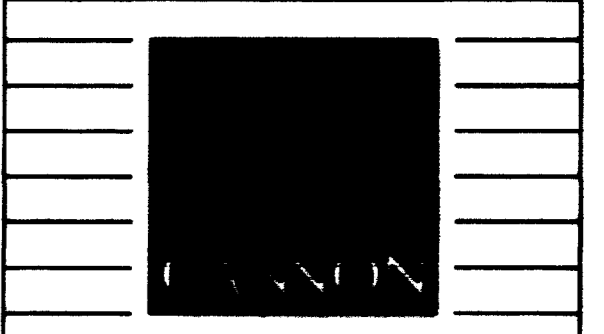
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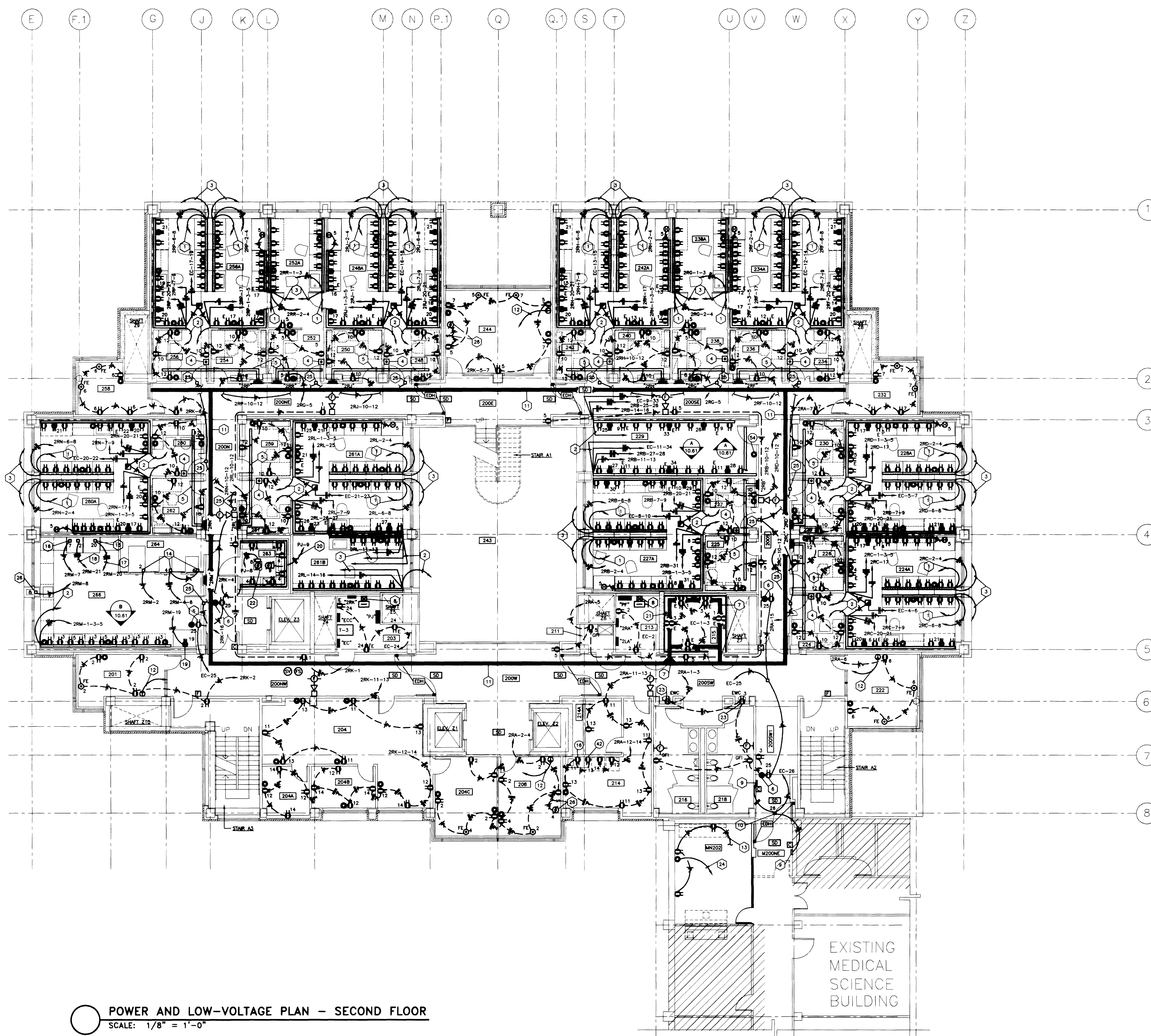
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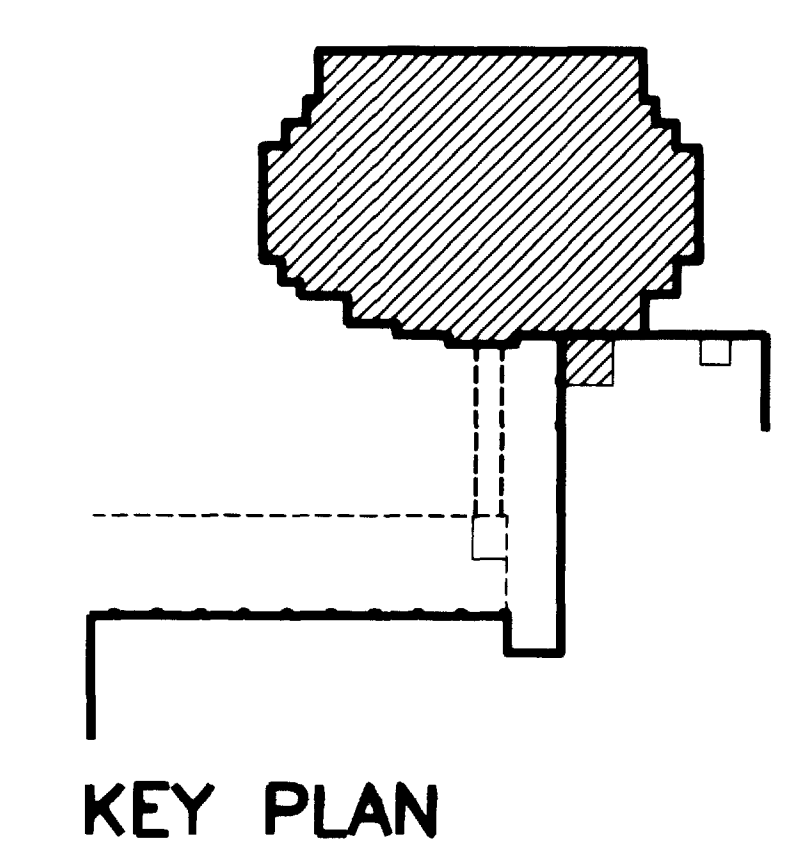
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ROOM NO.	ROOM NAME	ROOM NO.	ROOM NAME
200E	CORRIDOR	232	INTERACTION
200W	CORRIDOR	233	OFFICE
200NE	CORRIDOR	234A	LAB
200NW	CORRIDOR	236	OFFICE
200SE	CORRIDOR	238	WORK STATION
200SW	CORRIDOR	238A	LAB
200SW1	CORRIDOR	240	OFFICE
200W	CORRIDOR	242	WORK STATION
201	INTERACTION	242A	LAB
203	ELECTRIC ROOM	243	ATRIM
204	OPEN OFFICE AREA	244	RESEARCH MEETING
204A	CONFERENCE	248	WORK STATION
204B	OFFICE	248A	LAB
204C	OFFICE	250	OFFICE
208	CONFERENCE	252	WORK STATION
211	JANITOR'S CLOSET	252A	LAB
213	ELECTRIC ROOM	256	OFFICE
214	COFFEE/TEA ROOM	256A	OFFICE
214A	JANITOR'S CLOSET	258	INTERACTION
215	COMMUNICATIONS ROOM	259	OFFICE
216	MEN'S TOILET	260	WORK STATION
218	WOMEN'S TOILET	260A	LAB
222	INTERACTION	261	WORK STATION
224	LAB	261A	LAB
225	OFFICE	261B	LAB
226	OFFICE	262	OFFICE
227	WORK STATION	265	COLD ROOM
228	LAB	264	AUTOCLAVE
228	WORK STATION	265	GLASS/AUTOCLAVE
228	LAB	M200NE	CORRIDOR
229	LAB	M200E	CONFERENCE
230	OFFICE		



- CODED NOTES: DRAWING 10.32**
- 3/4" FROM EMERGENCY RACEWAY STUBBED UP ABOVE CEILING SPACE AND CAPPED FOR FUTURE.
 - (1) 2" FROM LOW-VOLTAGE RACEWAY TO CABLE TRAY IN CORRIDOR AS REQUIRED. SEE DETAIL.
 - 1-1/4" FROM LOW-VOLTAGE RACEWAY TO CABLE TRAY IN CORRIDOR AS REQUIRED. SEE DETAIL.
 - 3-POLE DISTRIBUTION. ONE POLE TO BE WIRED TO RELAY AND THE OTHER POLE TO BE WIRED TO CONTACTOR IN PANELBOARD SERVING THIS AREA FOR EMERGENCY SHUTDOWN. ALL CONDUIT AND WIRING TO BE PERFORMED IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 - 4" X 4" WIREWAY ABOVE CEILING. SEE DETAIL.
 - CAMERA OUTLET AND DUPLEX RECEPTACLE INSTALLED IN CEILING. SEE CAMERA RISER.
 - 18" X 4" CABLE TRAY AROUND PERIMETER OF COMMUNICATIONS CLOSET.
 - PLUS-IN DUCT VERTICAL RISE. SEE RISER DRAWING 10.70.
 - PUSH-PLATE FOR AUTOMATIC DOOR(S) BY OTHERS. PROVIDE ELECTRICAL CONNECTION IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 - PROVIDE ELECTRICAL CONNECTION TO AUTOMATIC DOORS IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 - 12"W. X 4"D. CABLE TRAY ABOVE CEILING.
 - 1" C. TO CABLE TRAY.
 - CONNECT NEW RECEPTACLES TO EXISTING CIRCUIT AS REQUIRED.
 - PROVIDE ELECTRICAL CONNECTION TO STERILIZER IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 - PROVIDE ELECTRICAL CONNECTION TO GLASSWARE DRYER IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 - PROVIDE ELECTRICAL CONNECTION TO GLASSWARE WASHER IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 - 3ØW. AND 1ØW. IN 3/4".
 - 3ØW. AND 1ØW. IN 1".
 - PROVIDE ELECTRICAL CONNECTION TO ICE MAKER IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 - 3ØW. IN 3/4".
 - (2) 4" C. SLEEVES UP TO COMMUNICATIONS CLOSET 315. (TYPICAL ALL FOUR WALLS)
 - CONDENSING UNIT FOR COLD ROOM (200W, 3-PHASE). PROVIDE ELECTRICAL CONNECTION IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 - ROUGH-IN FOR ELECTRIC WATER COOLERS SHALL BE IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 - 1" C. STUBBED UP ABOVE CEILING SPACE AND CAPPED FOR FUTURE CONNECTION.
 - PROVIDE ELECTRICAL CONNECTION TO EMERGENCY SHOWER ALARM IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 - MOTORIZED PROJECTION SCREEN AND SWITCH FURNISHED BY OTHERS. PROVIDE ELECTRICAL CONNECTION AS REQUIRED. VERIFY EXACT LOCATION.
 - ELECTRICAL CONNECTION TO REVERSE OSMOSIS UNIT.



POWER AND LOW-VOLTAGE PLAN - SECOND FLOOR
SCALE: 1/8" = 1'-0"

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drawing no.	

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Lexington, Kentucky

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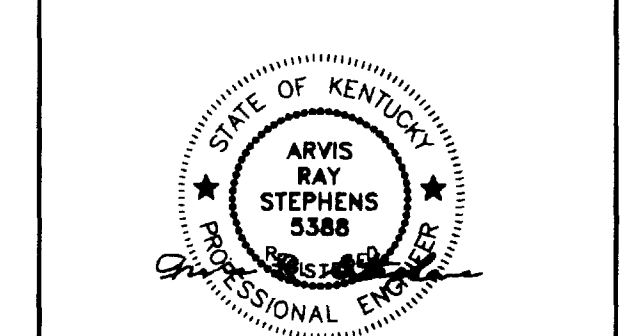
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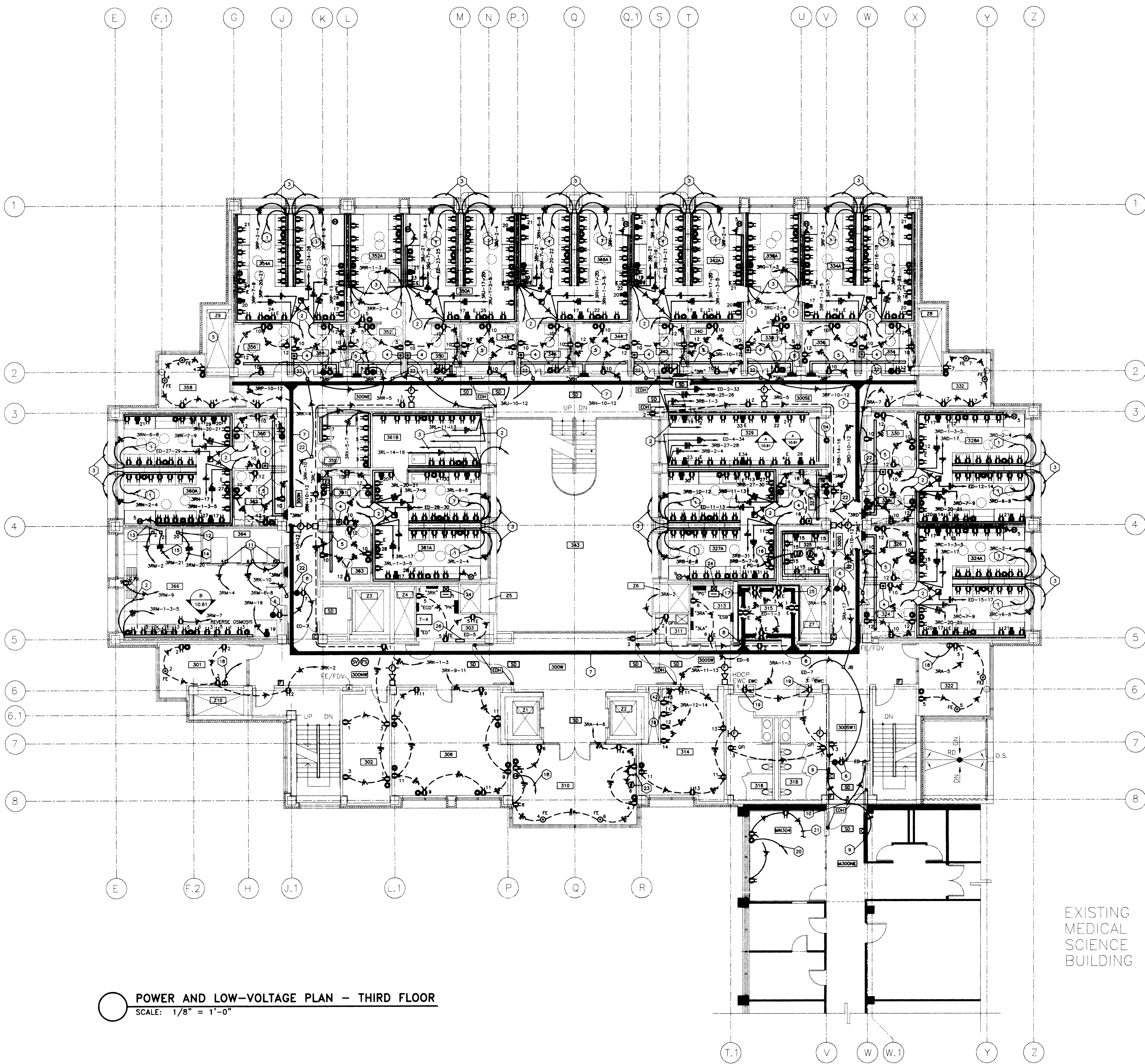
Revision	Date
Issue Date	DEC. 92
Drawing Title	

POWER AND LOW-VOLTAGE PLAN SECOND FLOOR

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Checked by ARS
Project No. 90240.01 Scale 1/8" = 1'-0"
Drawing No. 10.32

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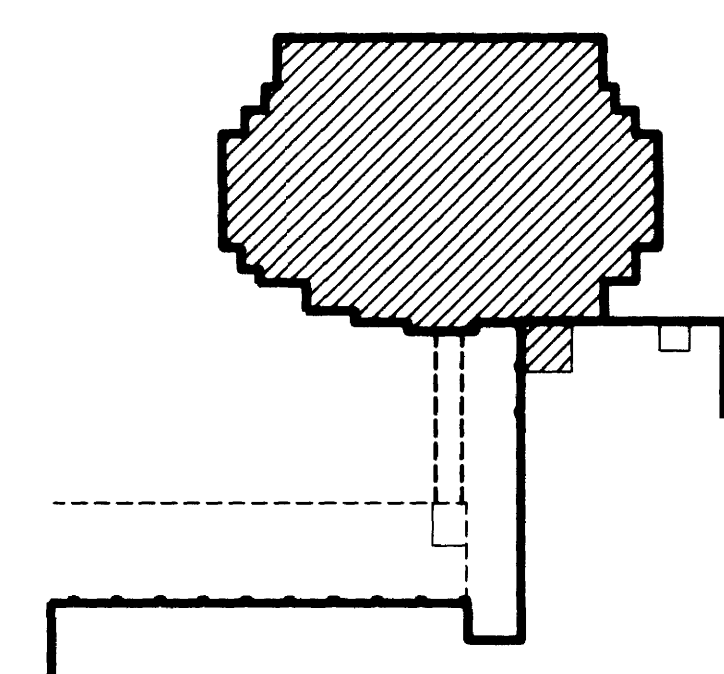
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POWER AND LOW-VOLTAGE PLAN - THIRD FLOOR
SCALE: 1/8" = 1'-0"

ROOM NO.	ROOM NAME	ROOM NO.	ROOM NAME
300E	CORRIDOR	334A	LAB
300E	CORRIDOR	336	OFFICE
300W	CORRIDOR	338	WORK STATION
300S	CORRIDOR	340	LAB
300SE	CORRIDOR	342	WORK STATION
300SW	CORRIDOR	342A	LAB
300SE	CORRIDOR	343	ATRIUM
300W	CORRIDOR	344	OFFICE
301	INTERACTION	344	WORK STATION
302	JANITOR EQUIPMENT	346A	LAB
303	ELECTRIC ROOM	346	OFFICE
306	CLERICAL	350	WORK STATION
310	GENERAL CONFERENCE	350A	LAB
311	JANITOR CLOSET	352	WORK STATION
313	ELECTRIC ROOM	352A	LAB
314	COFFEE MAKING	354	WORK STATION
315	COMMUNICATION ROOM	354A	LAB
316	MEN'S TOILET	356	OFFICE
318	WOMEN'S TOILET	358	INTERACTION
322	INTERACTION	358	DARK ROOM
324	WORK STATION	360	WORK STATION
324	LAB	360A	LAB
325	COLD ROOM	361	WORK STATION
327	WORK STATION	361A	LAB
327	LAB	361B	LAB
328	LAB	362	OFFICE
328	WORK STATION	363	OFFICE
328	LAB	364	AUTOClave
328	SHARED EQUIPMENT	366	GLASSWASH/AUTOClave
330	OFFICE	366	CORRIDOR
332	INTERACTION	368	CONFERENCE ROOM
334	WORK STATION		

- CODED NOTES: DRAWING 10.33
- 3/4" C. FROM EMERGENCY RACEWAY STUBBED UP ABOVE CEILING SPACE AND CAPPED FOR FUTURE.
 - (1) 2" C. FROM LOW-VOLTAGE RACEWAY TO CABLE TRAY AS REQUIRED. SEE DETAIL.
 - 1-1/4" C. FROM LOW-VOLTAGE RACEWAY TO CABLE TRAY IN CORRIDOR AS REQUIRED. SEE DETAIL.
 - 2-POLE PUSHBUTTON. ONE POLE TO BE WIRED TO RELAY AND THE OTHER POLE TO BE WIRED TO CONTACTOR IN PANELBOARD SERVING THIS AREA FOR EMERGENCY SHUTDOWN. ALL CONDUIT AND WIRING TO BE PERFORMED IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 - 4" X 4" WIREWAY ABOVE CEILING. SEE DETAIL.
 - CAMERA OUTLET AND DUPLEX RECEPTACLE INSTALLED IN CEILING. SEE CAMERA RISER.
 - 12"W. X 4"D. CABLE TRAY ABOVE CEILING.
 - 18"W. X 4"D. CABLE TRAY ABOVE CEILING.
 - PUSH-PLATE FOR AUTOMATIC DOOR(S) BY OTHERS. PROVIDE ELECTRICAL CONNECTION IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 - PROVIDE ELECTRICAL CONNECTION TO AUTOMATIC DOORS IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 - PROVIDE ELECTRICAL CONNECTION TO STERILIZER IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 - PROVIDE ELECTRICAL CONNECTION TO GLASSWARE DRYER IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 - PROVIDE ELECTRICAL CONNECTION TO GLASSWARE WASHER IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 - 3/8 AND 1/2" IN. IN 3/4" C.
 - 3/8 AND 1/2" IN. IN 1" C.
 - 3/16" IN. IN 3/4" C.
 - (4) 4" C. SLEEVES UP TO COMMUNICATIONS CLOSET A418.
 - 1" C. TO CABLE TRAY.
 - ROUGH-IN FOR ELECTRIC WATER COOLERS SHALL BE IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 - 1" C. STUBBED UP ABOVE CEILING SPACE AND CAPPED FOR FUTURE CONNECTION.
 - CONNECT NEW RECEPTACLES TO EXISTING CIRCUIT AS REQUIRED.
 - ALARM BELL AND LIGHT FOR EMERGENCY SHOWER. PROVIDE ELECTRICAL CONNECTION IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 - MOTORIZED PROJECTION SCREEN AND SWITCH FURNISHED BY OTHERS. PROVIDE ELECTRICAL CONNECTION AS REQUIRED. VERIFY EXACT LOCATION.
 - PLUG-IN DUCT VERTICAL RISE. SEE RISER DRAWING 10.70.
 - 18" X 4" CABLE TRAY AROUND PERIMETER OF COMMUNICATIONS CLOSET.
 - FIRE ALARM TRANSPOUNDER. SEE RISER DIAGRAM AND SPECIFICATIONS.



KEY PLAN

EXISTING MEDICAL SCIENCE BUILDING

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date	
drawn by	JCR
checked by	ARS
project no.	80793
scale	1/8" = 1'-0"
drawing no.	10.33R
approved by	
director - design and construction division	

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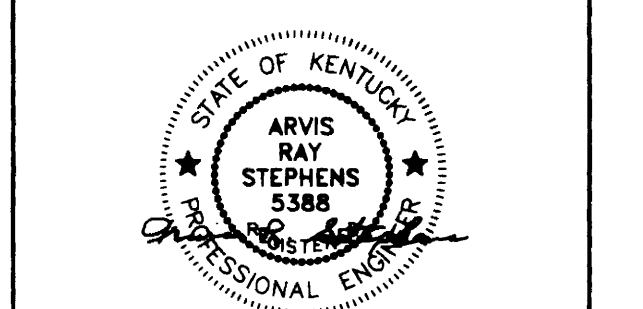
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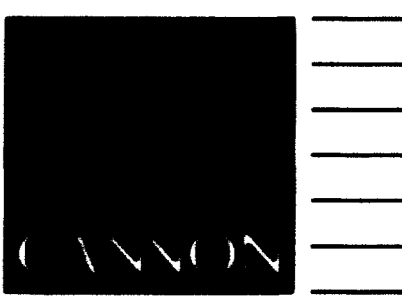
Revision Date 11-29-93
Issue Date 11-02-92
Drawing Title

POWER AND LOW-VOLTAGE PLAN
THIRD FLOOR

Drawn by JCR
Checked by ARS
Project No. 80793
Scale 1/8" = 1'-0"
Drawing No. 10.33R

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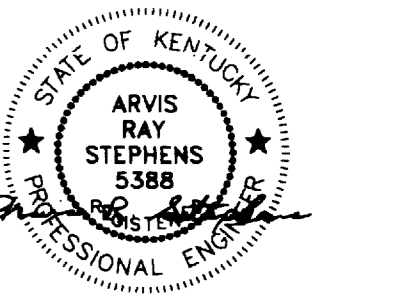
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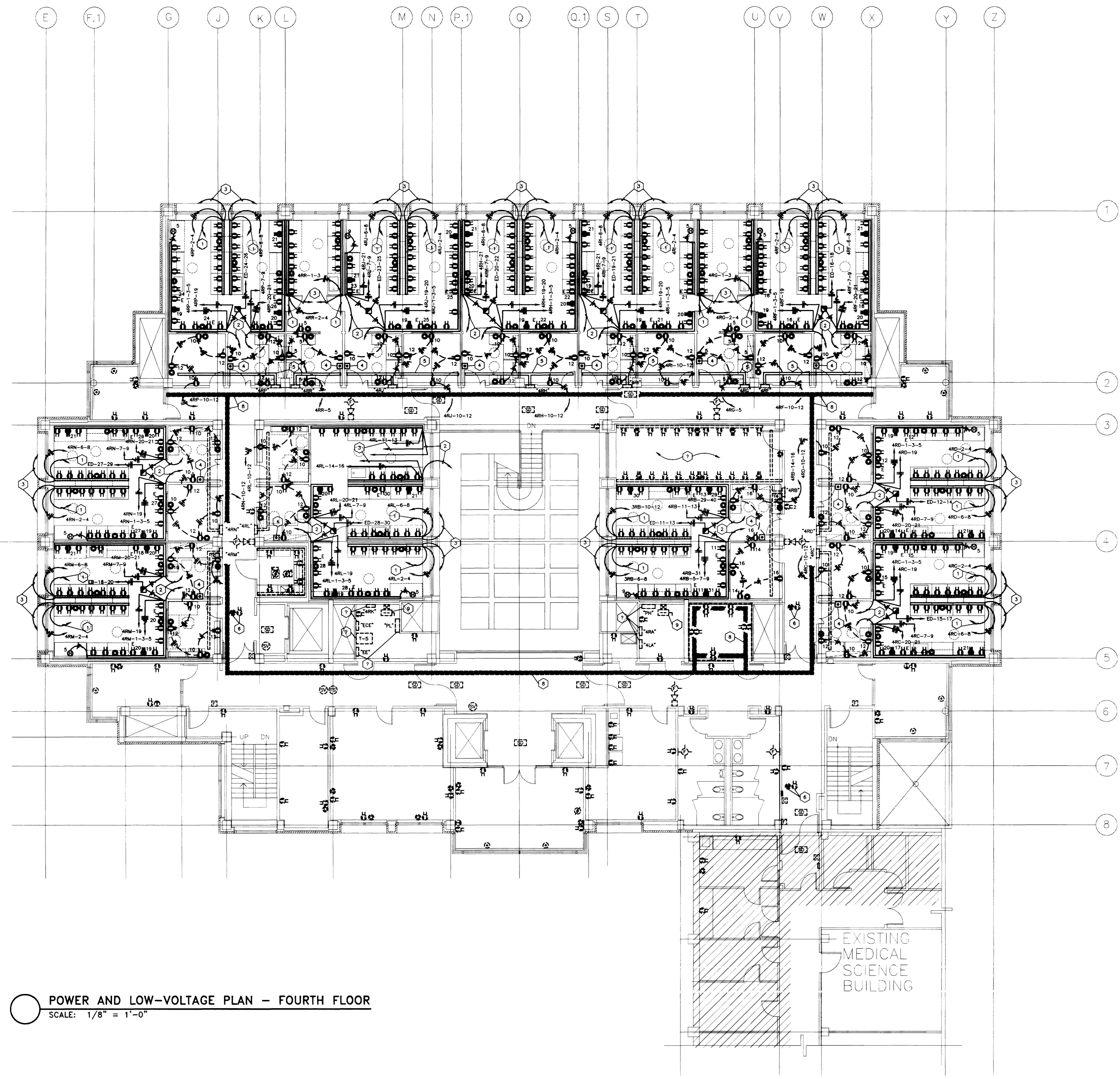


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Issue Date	11-02-92
Drawing Title	

POWER AND LOW-VOLTAGE PLAN
FOURTH FLOOR

Drawn by	JCR/WTC
Checked by	ARS
Project No.	80793
Scale	1/8" = 1'-0"
Drawing No.	10.34R

- CODED NOTES: DRAWING 10.34
- 3/4" FROM EMERGENCY RACEWAY STUBBED UP ABOVE CEILING SPACE AND CAPPED FOR FUTURE.
 - (1) 2" FROM LOW-VOLTAGE RACEWAY TO CABLE TRAY AS REQUIRED. SEE DETAIL.
 - 1-1/4" FROM LOW-VOLTAGE RACEWAY TO CABLE TRAY IN CORRIDOR AS REQUIRED. SEE DETAIL.
 - 2-POLE PUSHBUTTON, ONE POLE TO BE WIRED TO RELAY AND THE OTHER POLE TO BE WIRED TO CONTACTOR IN PANELBOARD SERVING THIS AREA FOR EMERGENCY SHUTDOWN. ALL CONDUIT AND WIRING TO BE PERFORMED IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 - EXISTING 4" X 4" WIREWAY ABOVE CEILING. TO REMAIN.
 - EXISTING CAMERA OUTLET AND DUPLEX RECEPTACLE INSTALLED IN CEILING. TO REMAIN. SEE CAMERA RISER.
 - ALARM BELL AND LIGHT FOR EMERGENCY SHOWER. PROVIDE ELECTRICAL CONNECTION IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 - EXISTING CABLE TRAY TO REMAIN. (TYPICAL)
 - EXISTING PLUG-IN DUCT VERTICAL RISE AND PLUG-IN UNIT TO REMAIN.



POWER AND LOW-VOLTAGE PLAN - FOURTH FLOOR
SCALE: 1/8" = 1'-0"

RECORD DRAWINGS DATE AUGUST 1995

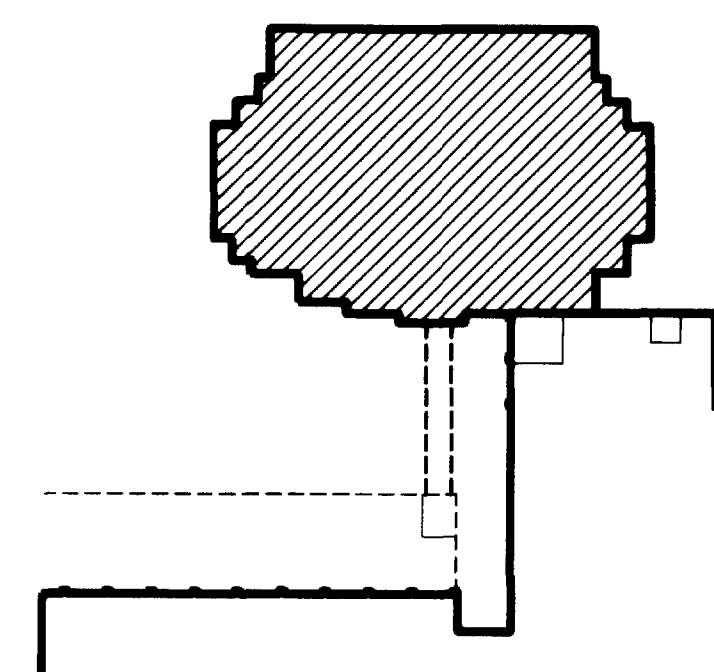
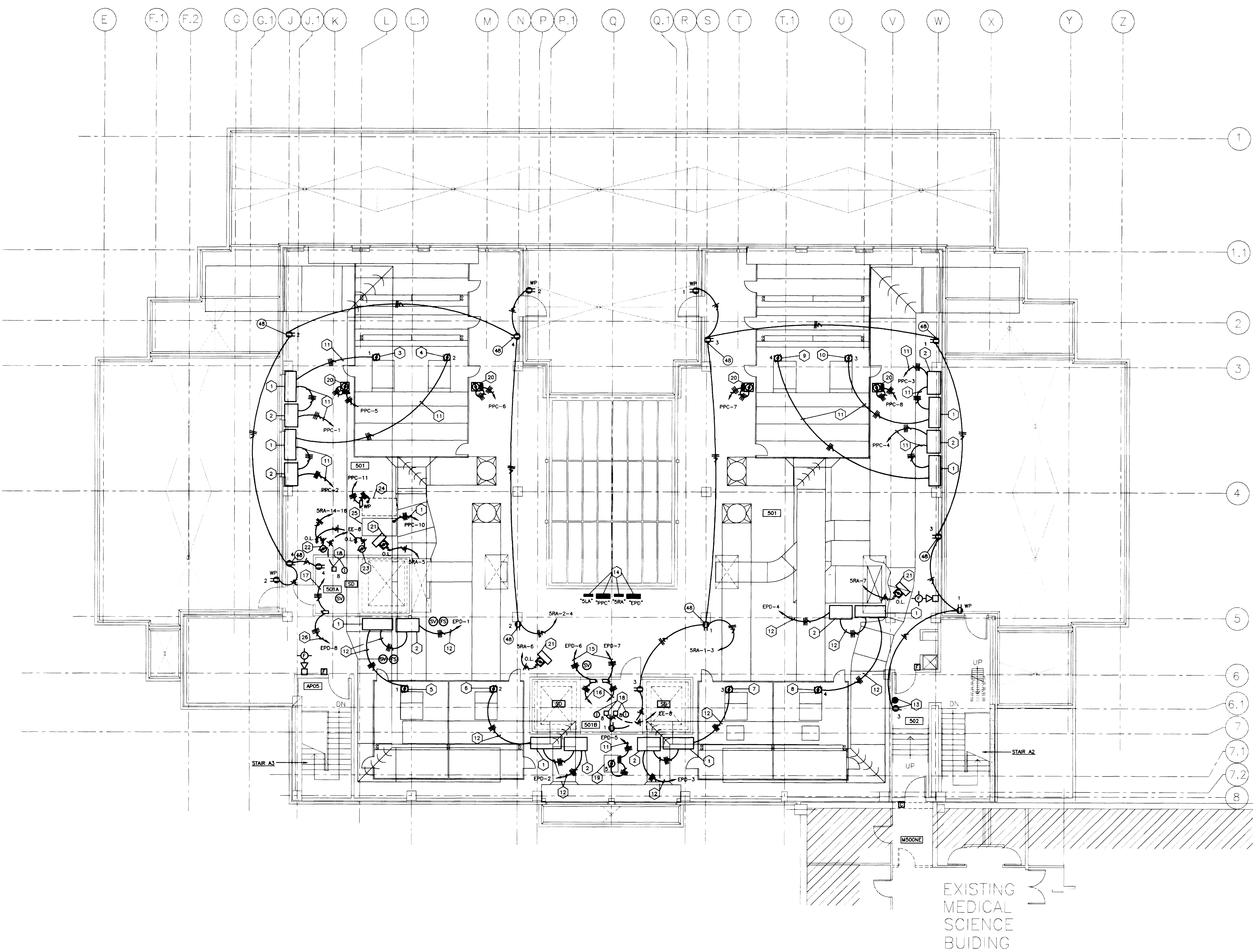
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revised	
drawing no.	
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director - design and construction division	
date	
of	

ROOM NO.	ROOM NAME
501	PENTHOUSE
501A	ELEV. EQUIPMENT
501B	ELEV. EQUIPMENT
502	CORRIDOR
MSOONE	CORRIDOR

- CODED NOTES: DRAWING 10.35**
- VARIABLE FREQUENCY DRIVE. PROVIDE ELECTRICAL CONNECTION IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 - ISOLATION TRANSFORMER. PROVIDE ELECTRICAL CONNECTION IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 - 40 H.P., 480V., 3-PHASE SUPPLY FAN SF-1A.
 - 40 H.P., 480V., 3-PHASE SUPPLY FAN SF-1B.
 - 60 H.P., 480V., 3-PHASE EXHAUST FAN EF-1A.
 - 60 H.P., 480V., 3-PHASE EXHAUST FAN EF-1B.
 - 60 H.P., 480V., 3-PHASE EXHAUST FAN EF-2A.
 - 60 H.P., 480V., 3-PHASE EXHAUST FAN EF-2B.
 - 40 H.P., 480V., 3-PHASE SUPPLY FAN SF-2A.
 - 40 H.P., 480V., 3-PHASE SUPPLY FAN SF-2B.
 - 3/8" AND 1/8" IN. 1" C.
 - 3/8" AND 1/8" IN. 1-1/4" C.
 - CAMERA OUTLET AND DUPLEX RECEPTACLE INSTALLED HIGH ON WALL. SEE RISER.
 - PROVIDE ANGLE-IRON FRAME FOR MOUNTING PANELBOARDS.
 - 3/8" AND 1/8" IN. 3/4" C.
 - 3/8" AND 1/8" IN. 3/4" C. TO ELEVATOR CONTROLLER IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 - 3/8" AND 1/8" IN. 1-1/4" C. TO ELEVATOR CONTROLLER IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 - CONNECT EMERGENCY LIGHTING CIRCUIT AND INTERCOM TO ELEVATOR EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 - 25 H.P., 480V., 3 PHASE, ATRIUM EXHAUST FAN. VERIFY EXACT LOCATION.
 - 3 H.P., 480V., 3 PHASE, CHILLED WATER CIRCULATORS.
 - 1/3 H.P. UNIT HEATER.
 - PUMP 1/2 H.P., 120V. 1#.
 - PUMP 3/4 H.P., 120V. 1#.
 - REMOTE CONDENSER. 480V./3#.
 - WATER CHILLER. 460V./3#.
 - 3/4" AND 1/8" IN. 1-1/4" C.



KEY PLAN

POWER AND LOW-VOLTAGE PLAN - PENTHOUSE
SCALE: 1/8" = 1'-0"

RECORD DRAWINGS DATE AUGUST 1995

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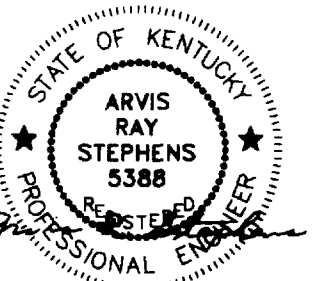
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Drawing Title
POWER AND LOW-VOLTAGE PLAN PENTHOUSE

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Drawing No.
10.35

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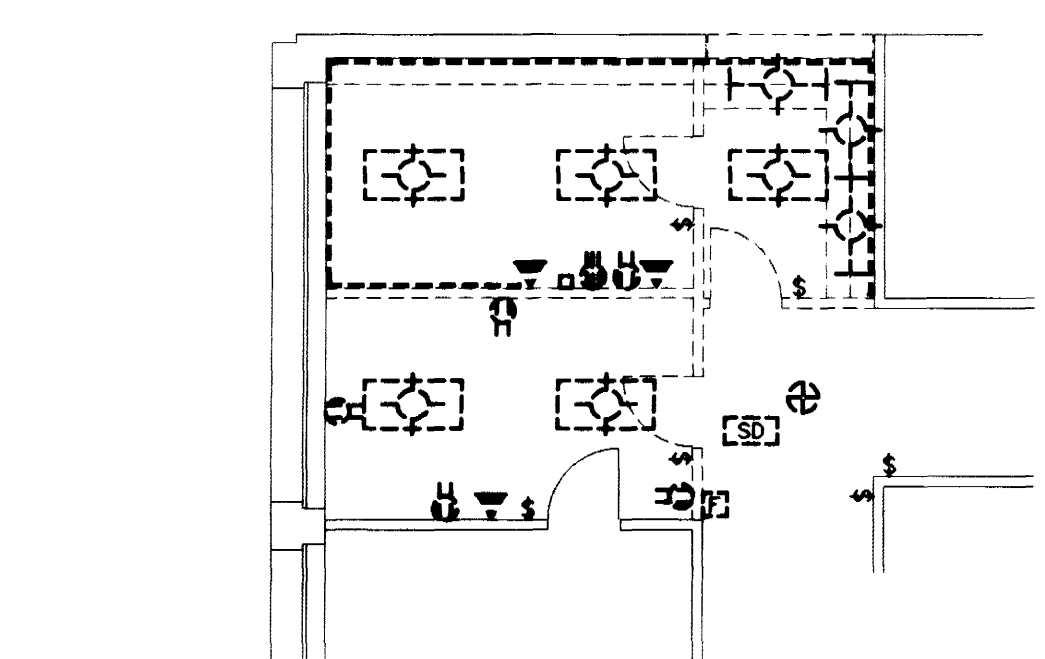
ELECTRICAL LEGEND

PRIMARY CONDUIT UNDERGROUND	---	THERMAL OVERLOAD	Ⓢ
SECONDARY CONDUIT UNDERGROUND	---	DIMMER	Ⓜ
TELEPHONE CONDUIT UNDERGROUND	---	SUPERVISED VALVE	ⓈV
CONDUIT BELOW FLOOR	---	FIRE ALARM BREAKGLASS STATION	Ⓢ
CONDUIT ABOVE FLOOR	---	FLOW SWITCH	Ⓢ
CABLE TRAY	▬▬▬	DUCT TYPE SMOKE DETECTOR	ⓈD
EXTRUDED ALUMINUM RACEWAY	▬▬▬	FIRE ALARM HORN/FLASHING LIGHT	Ⓢ
UTILITY MARKER	Ⓢ	FIRE ALARM FLASHING LIGHT	Ⓢ
CEILING OUTLET FOR LIGHT FIXTURE	Ⓢ	SMOKE DETECTOR (CEILING MOUNTED)	ⓈD
WALL OUTLET FOR LIGHT FIXTURE	Ⓢ	ELECTROMAGNETIC DOOR HOLDER	Ⓢ
LIGHT OUTLET ON EMERGENCY CIRCUIT	Ⓢ	PANELBOARD OR TERMINAL CABINET	▬▬▬
EXIT LIGHT (CEILING MOUNTED)	Ⓢ	PLUG-IN UNIT	▬▬▬
EXIT LIGHT (WALL MOUNTED)	Ⓢ	DISCONNECT SWITCH	▬▬▬
FLUORESCENT LIGHT FIXTURE	Ⓢ	JUNCTION BOX	Ⓢ
DUPLEX CONVENIENCE OUTLET (BOT. 16" A.F.F.)	Ⓢ	MAGNETIC STARTER	▬▬▬
GROUND FAULT INTERRUPTING OUTLET (BOT. 16" A.F.F.)	Ⓢ	COMBINATION MAGNETIC STARTER AND SWITCH	▬▬▬
WEATHERPROOF OUTLET (BOT. 16" A.F.F.)	Ⓢ	MOTOR	Ⓢ
DUPLEX RECEPTACLE ON EMERGENCY CIRCUIT	Ⓢ	2-POLE MECHANICALLY HELD CONTACTOR (SEE DETAIL)	▬▬▬
WALL OUTLET (240V, 1-PHASE) (BOT. 16" A.F.F.)	Ⓢ	PUSHBUTTON STATION (SEE DETAIL)	▬▬▬
ELECTRICAL OUTLET IN FLOOR (FLUSH-TYPE)	Ⓢ	JUNCTION BOX FOR KEY SWITCH	Ⓢ
HOOD CONNECTION	Ⓢ	BOTTOM OF DEVICE (IN INCHES A.F.F.)	Ⓢ
COMPUTER OUTLET IN WALL (BOT. 16" A.F.F.)	Ⓢ	SEE NOTE 1 THIS SHEET	Ⓢ
T.V. RECEIVER OUTLET (BOT. 16" A.F.F.)	Ⓢ		
CAMERA MONITOR OUTLET	Ⓢ	GENERAL ABBREVIATIONS:	
ENTRANCE POINT OF CONDUIT THRU FLOOR	Ⓢ	CONDUIT	C.
WALL SWITCHES (BOTTOM 44" A.F.F.)	Ⓢ	WIRE	W.
SINGLE POLE	Ⓢ	P.E. SWITCH	F.S.
THREE-WAY	Ⓢ	JUNCTION BOX	JB
FOUR-WAY	Ⓢ	FIRE ALARM	F.A.
WITH PILOT LIGHT	Ⓢ	TELEPHONE TERMINAL CABINET	T.T.C.
		ABOVE FINISHED FLOOR	A.F.F.
		GROUND FAULT INTERRUPTER	G.F.I.

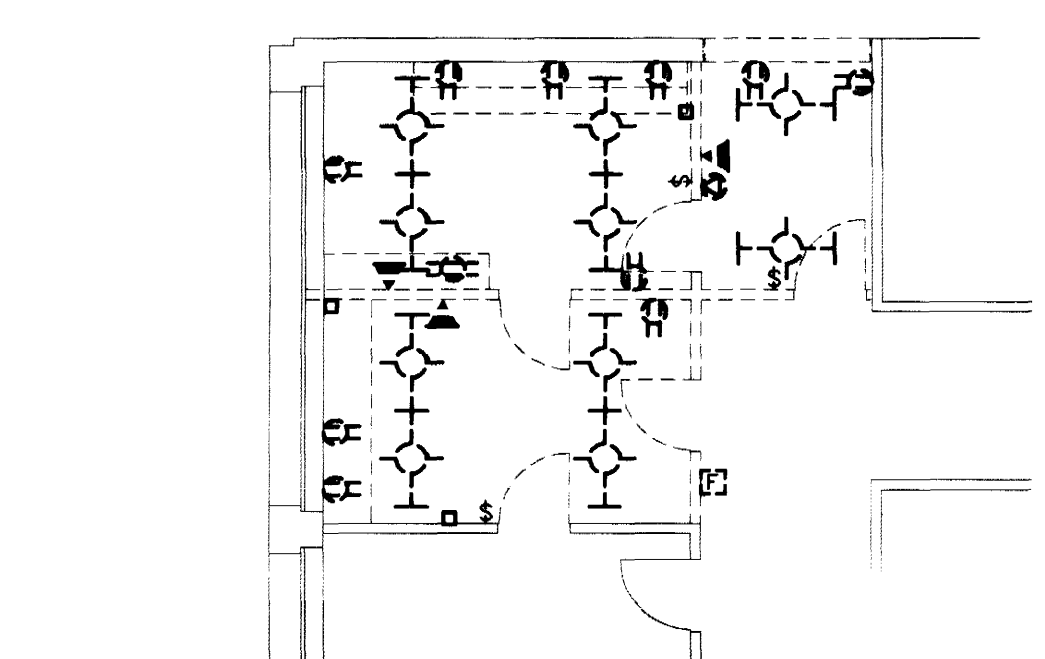
- GENERAL NOTES:**
- WHERE THERMOSTATS ARE SHOWN IN THE SAME VICINITY AS LIGHT SWITCHES, INSTALL THERMOSTAT CENTERED ABOVE LIGHT SWITCHES.
 - LIGHTS IN MECHANICAL SPACES SHALL BE LOCATED SO AS TO CLEAR PIPING, DUCTWORK AND EQUIPMENT ON CEILING.
 - ROUGHING-IN FOR WATER COOLERS SHALL BE PERFORMED IN ACCORDANCE WITH SHOP DRAWINGS FURNISHED BY THE PLUMBING CONTRACTOR.
 - ELECTRICAL CONTRACTOR SHALL COORDINATE HEIGHT OF RECEPTACLES AT ALL CASEWORK LOCATIONS TO AVOID CONFLICTS.
 - FOR EXACT LOCATION OF ALL CEILING LIGHTS AND OUTLETS IN CEILING - SEE ARCHITECTURAL REFLECTED CEILING PLAN.
 - ALL ELECTRICAL OUTLETS SHALL BE LOCATED ON CLEAR WALL SPACES, CLEAR OF ALL SHELVING, 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 SCHEMATICS AND RISER DIAGRAMS ARE FOR BID PURPOSES ONLY. SYSTEMS SHALL BE INSTALLED AND CONNECTED IN ACCORDANCE WITH SHOP DRAWINGS AND WIRING DIAGRAMS OBTAINED FROM THE MANUFACTURER.
 - IN GENERAL CONCERNING ALL RISER DIAGRAMS, AN ATTEMPT HAS BEEN MADE TO SHOW ALL OUTLETS IN RISER DIAGRAM. ANY OUTLETS SHOWN ON FLOOR PLANS NOT SHOWN ON RISER DIAGRAM SHALL BE CONNECTED INTO SYSTEM CONCERNED, AS REQUIRED.
 - FOR EXACT LOCATION OF MECHANICAL EQUIPMENT, SEE HVAC DRAWINGS.
 - PROVIDE 1" FROM EACH WALL MOUNTED COMMUNICATION OUTLET TO CABLE TRAY AS REQUIRED.
 - ALL RECEPTACLES WITHIN 6'-0" OF SINKS SHALL BE GFI TYPE.
 - NO CHANGE SHALL BE MADE IN ELECTRICAL SYSTEM IN EXISTING BUILDING EXCEPT AS NOTED OR REQUIRED TO WORK WITH NEW SYSTEM.
 - DIVISION 16 CONTRACTOR SHALL REMOVE ALL ELECTRICAL CONNECTIONS TO EQUIPMENT TO BE REMOVED, EXISTING EXPOSED CONDUITS AND CIRCUITS NOT TO BE REUSED SHALL BE REMOVED.
 - WHERE ANY EXISTING OUTLET (ELECTRIC, COMMUNICATION, 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 EXTERIOR UNDERGROUND CIRCUITS SHALL BE INSTALLED WITH TOP OF CONDUIT OR CONCRETE ENCASUREMENT A MINIMUM OF 24" BELOW FINISHED GRADE EXCEPT AS OTHERWISE NOTED.
 - CONTRACTOR SHALL INSTALL ALL EQUIPMENT TO ENSURE WORKING CLEARANCES AS REQUIRED BY THE NATIONAL ELECTRICAL CODE.



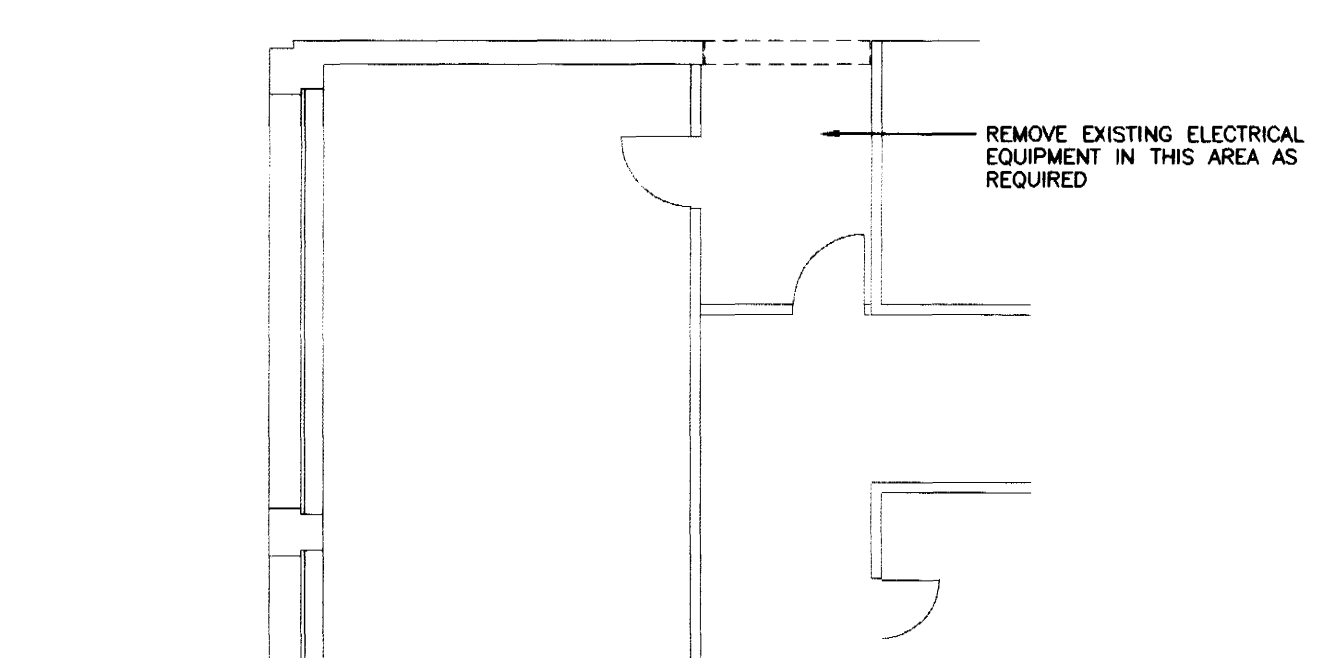
PARTIAL SECOND FLOOR MEDICAL SCIENCES (DEMOLITION)
1/8"=1'-0"



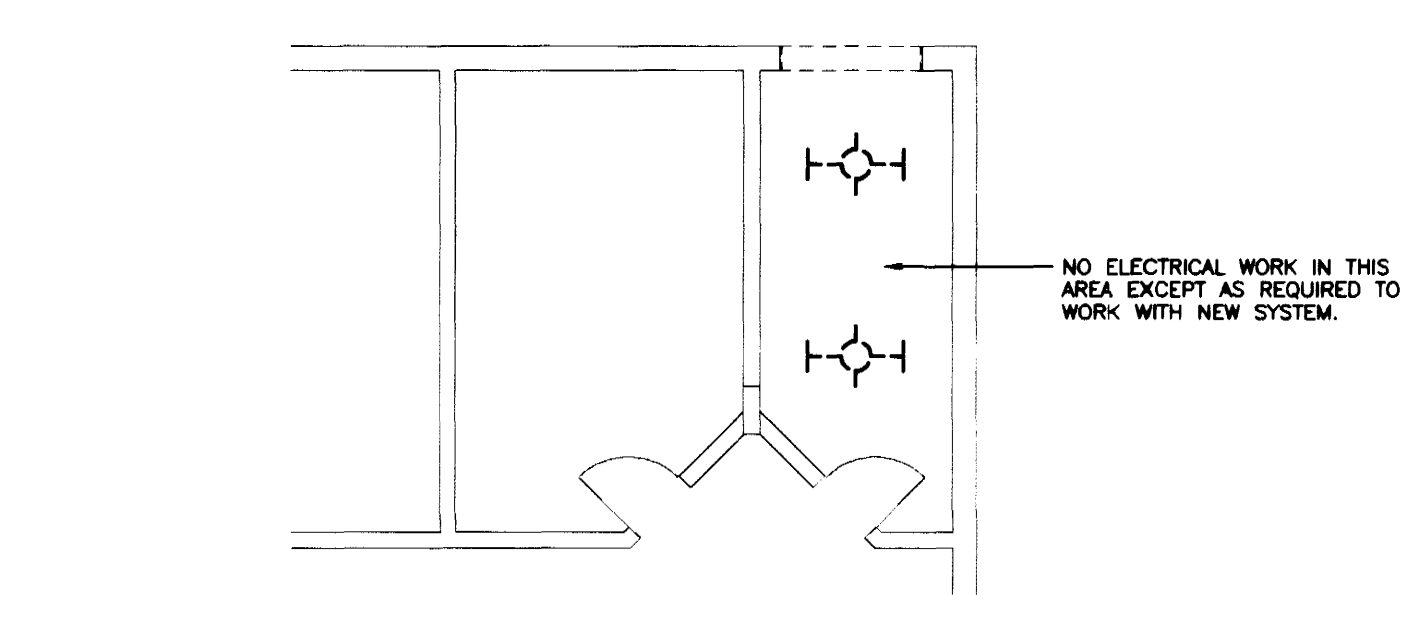
PARTIAL THIRD FLOOR MEDICAL SCIENCES (DEMOLITION)
1/8"=1'-0"



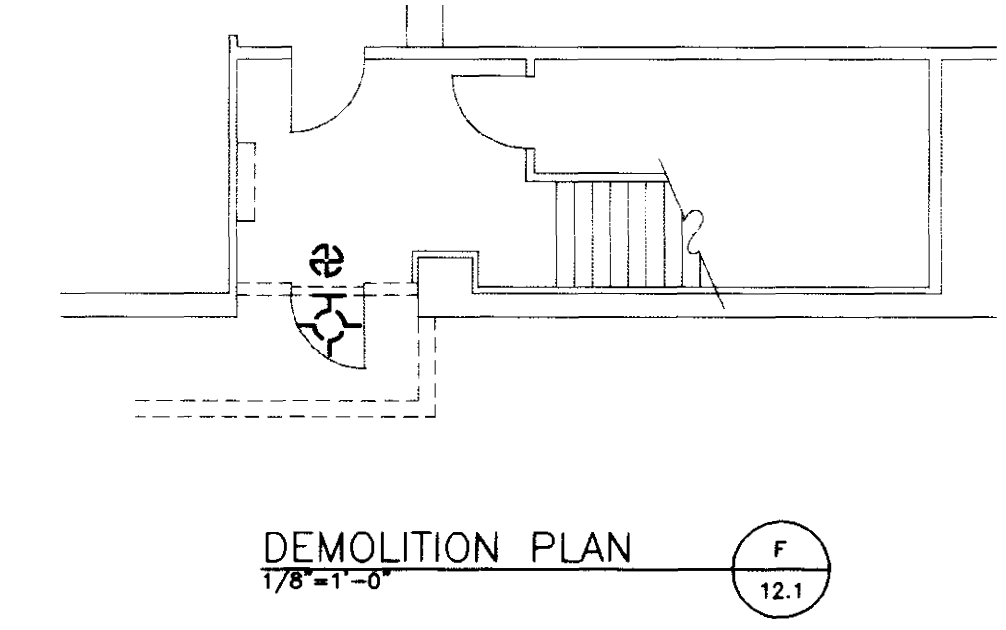
PARTIAL FOURTH FLOOR MEDICAL SCIENCES (DEMOLITION)
1/8"=1'-0"



PARTIAL FIFTH FLOOR MEDICAL SCIENCES (DEMOLITION)
1/8"=1'-0"



PARTIAL BASEMENT FLOOR MEDICAL SCIENCES (DEMOLITION)
1/8"=1'-0"



ELECTRICAL PLAN -- CONNECTING CORRIDOR -- BASEMENT
1/8"=1'-0"

- GENERAL DEMOLITION NOTES:**
- IN GENERAL, ALL ELECTRICAL EQUIPMENT, LIGHTS, DEVICES, ETC. SHOWN SHALL BE REMOVED AS REQUIRED, UNLESS OTHERWISE NOTED.
 - ALL EXISTING CONDUIT FEEDING DOWNSTREAM ELECTRICAL EQUIPMENT, ETC., TO REMAIN, SHALL BE SUPPORTED IN ACCORDANCE WITH THE N.E.C.
 - ALL EXISTING SURFACE-MOUNTED CONDUIT SHALL BE REMOVED UNLESS OTHERWISE NOTED.

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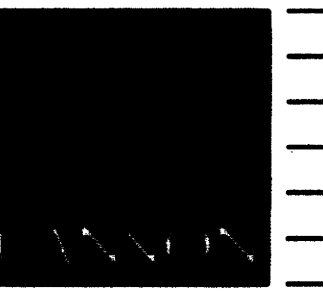
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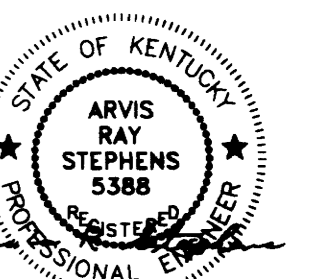
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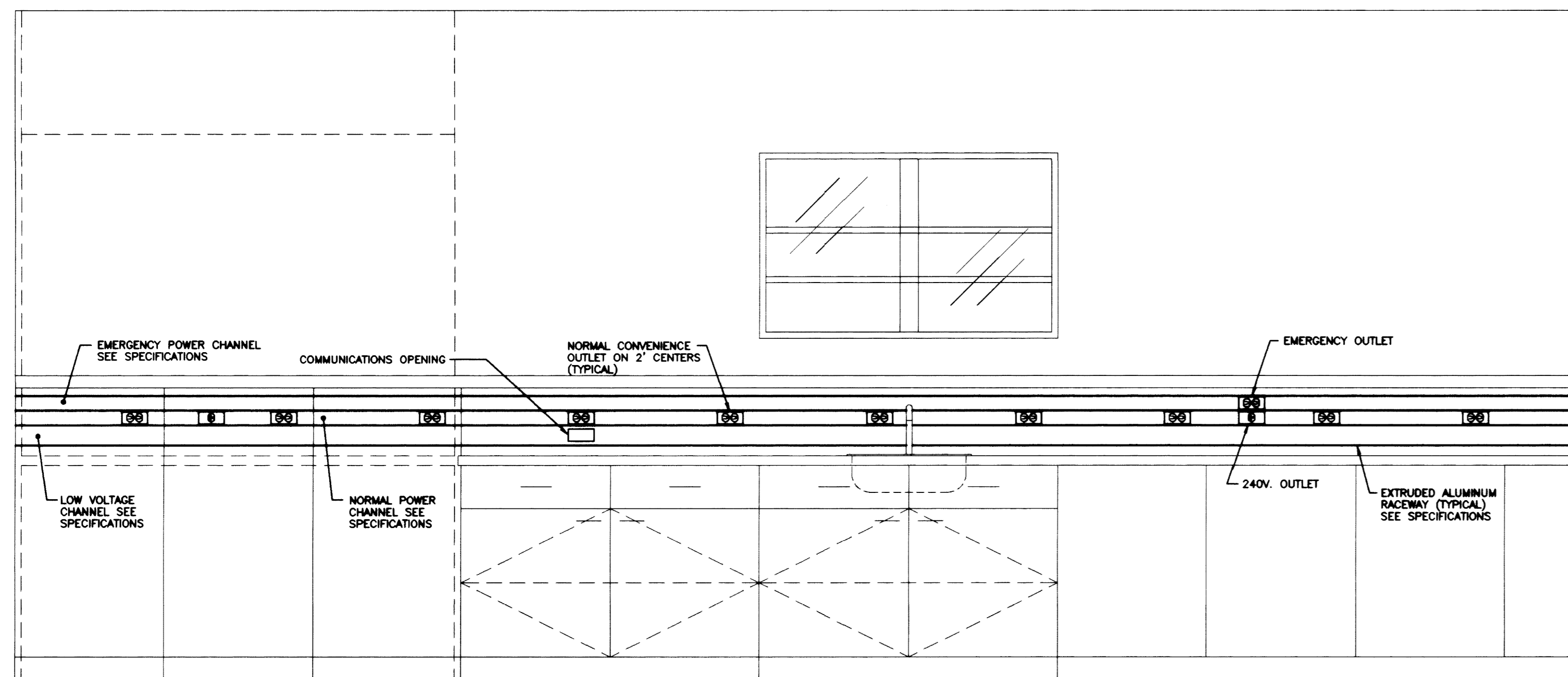
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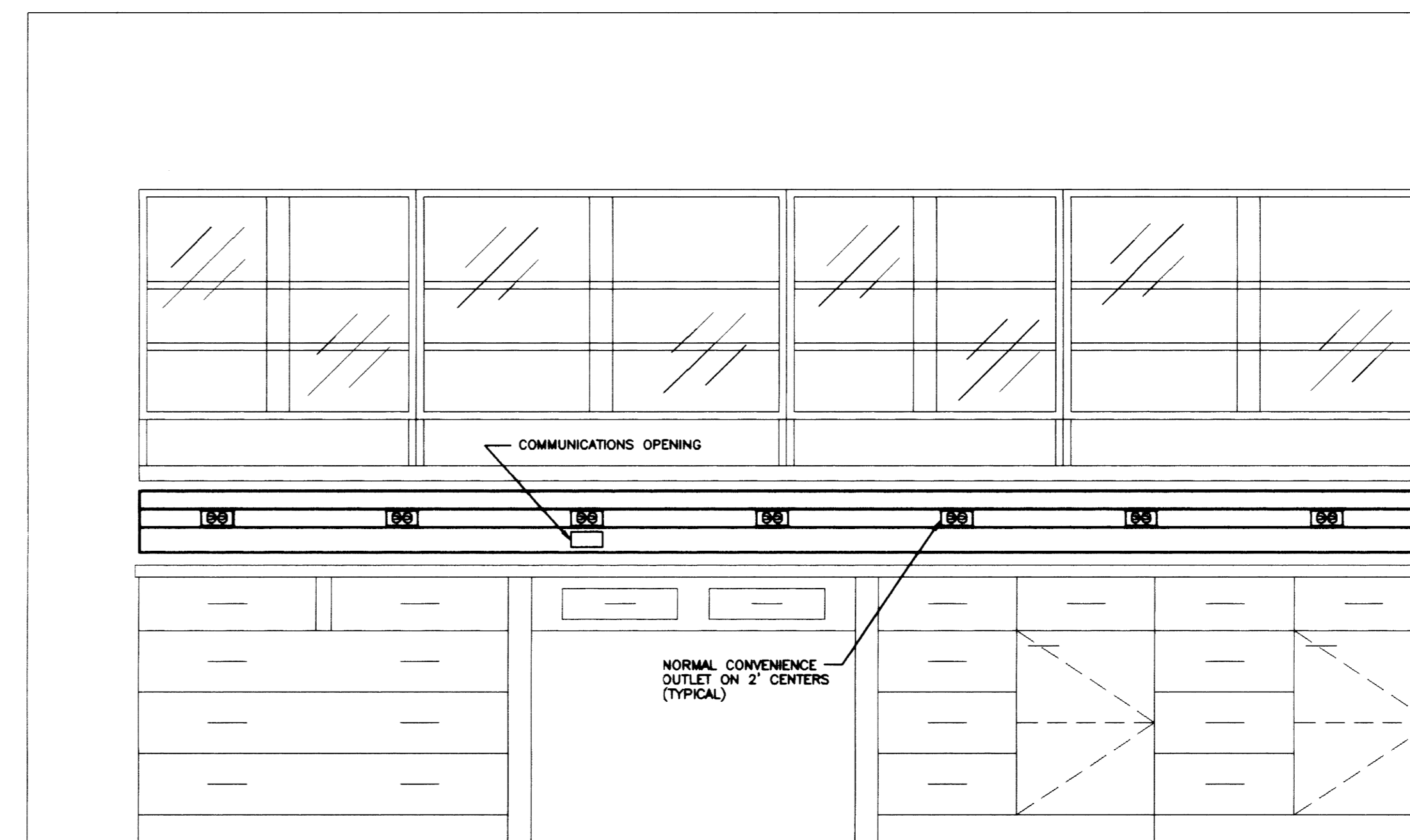
Revision	Date
Issue Date	DEC. 92

Drawing Title
LAB ELEVATIONS AND DETAILS

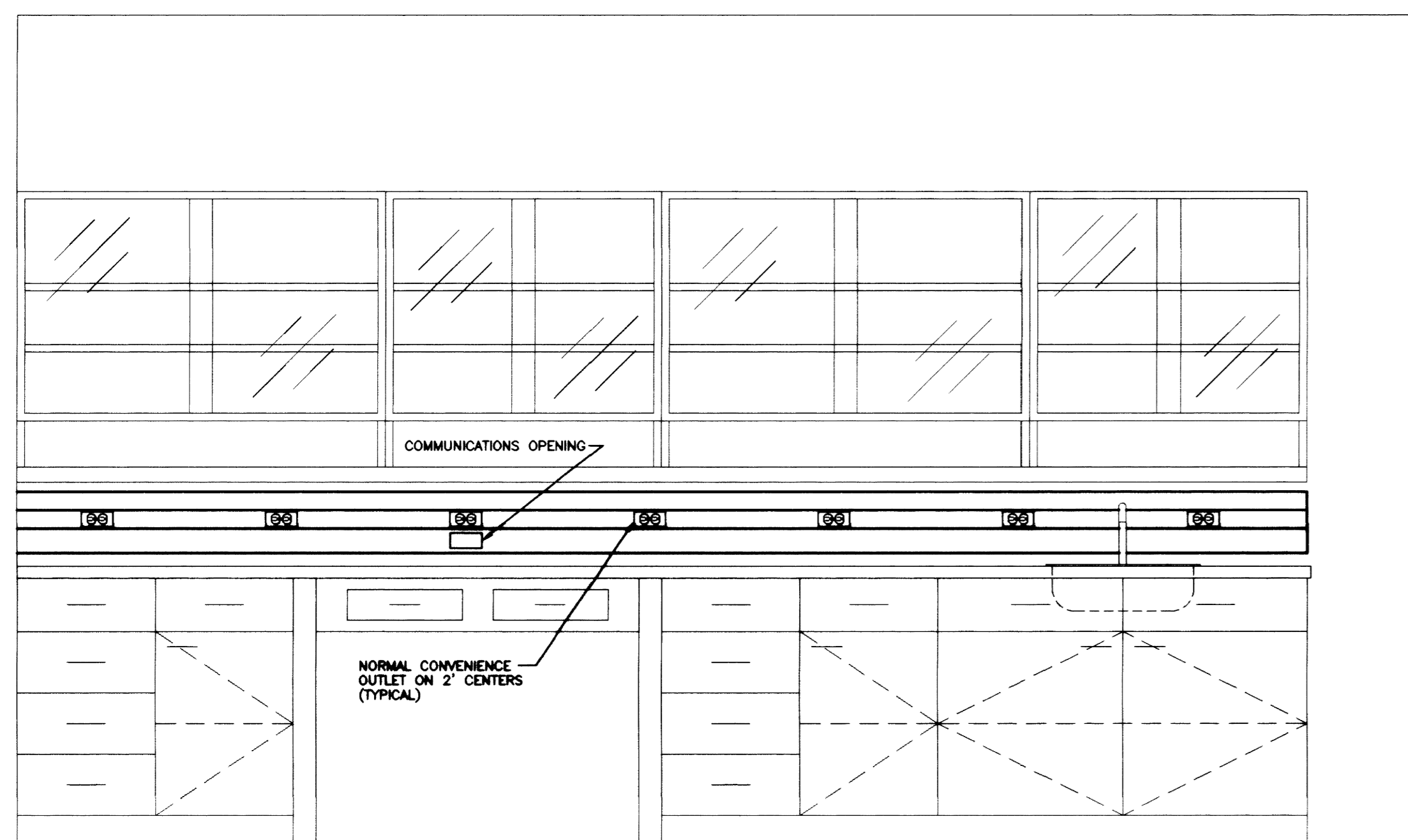
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Project No.	Scale
90240.01	3/4" = 1'-0"
Drawing No.	10.60



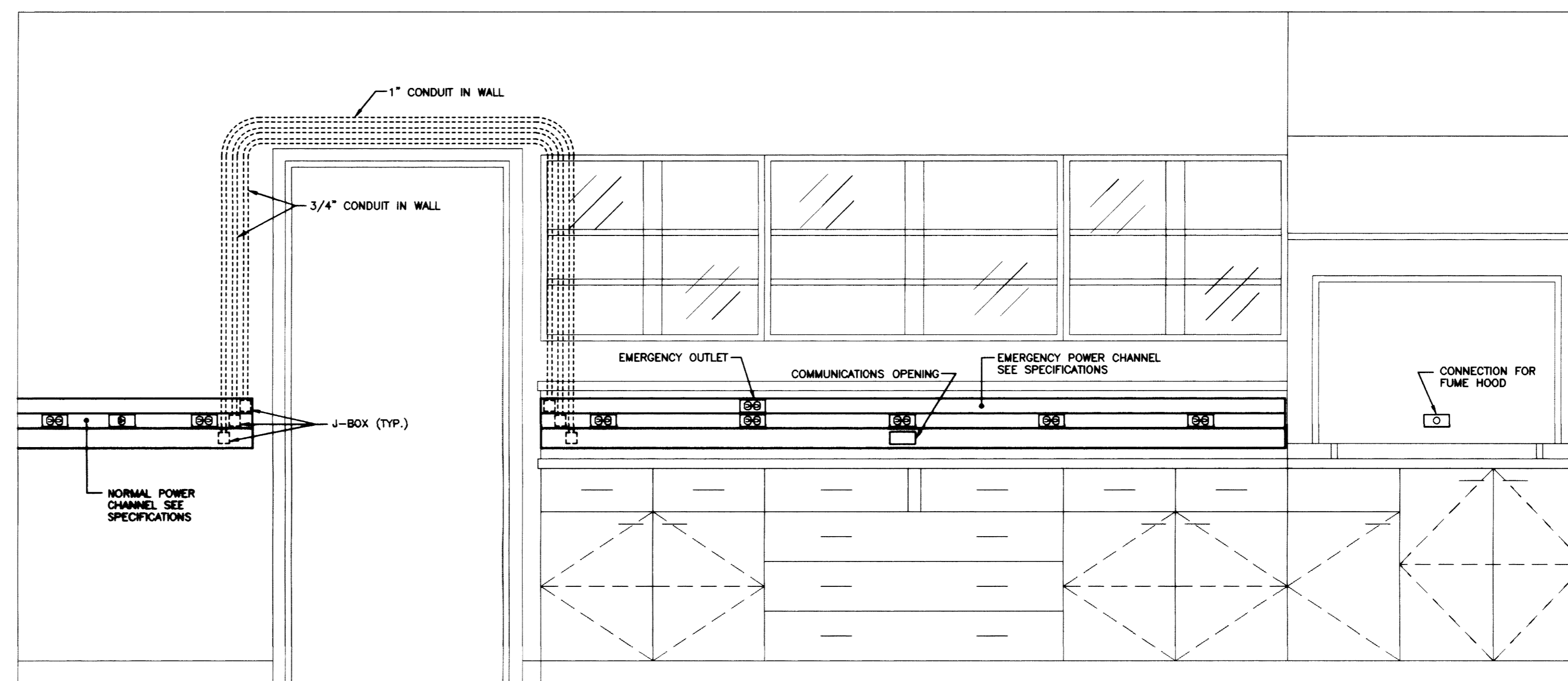
ELEVATION A TYPICAL LAB
SCALE: 3/4" = 1'-0"



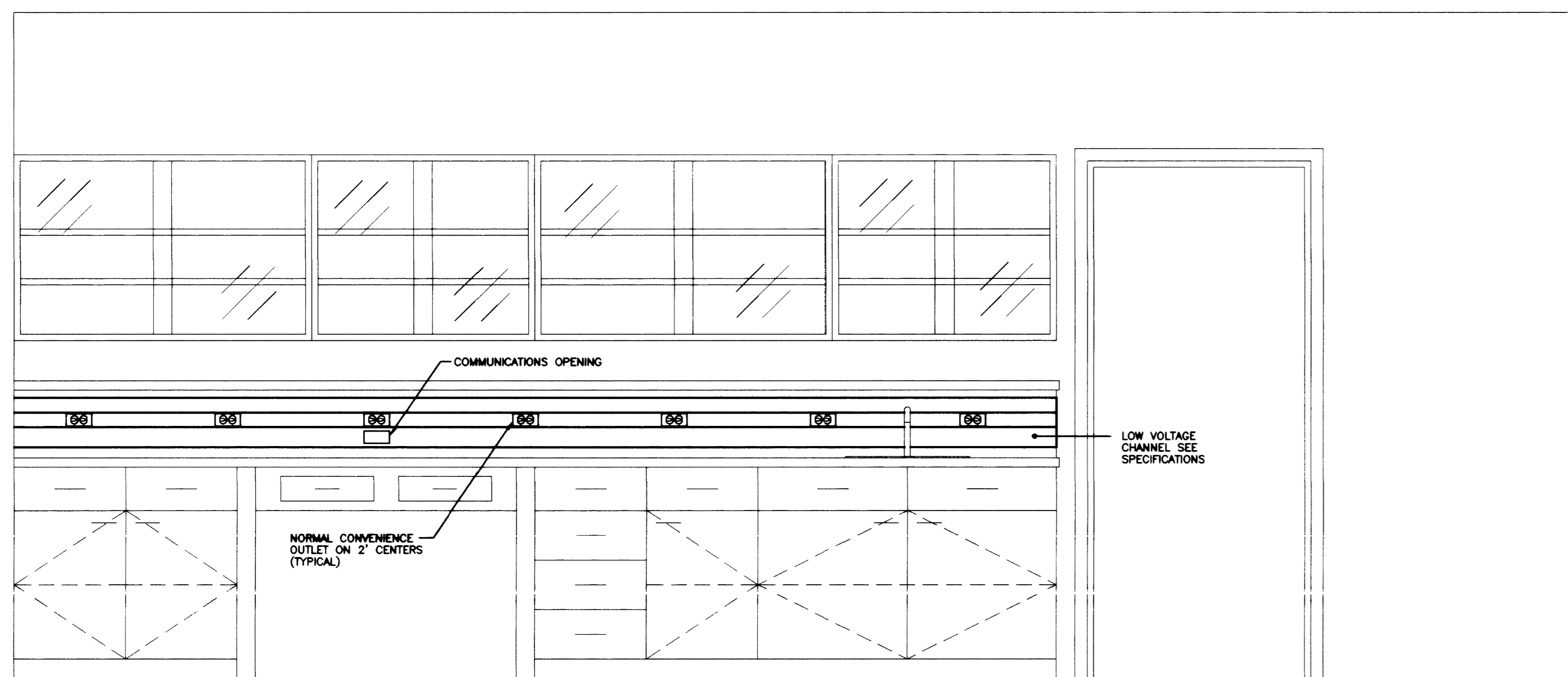
ELEVATION B TYPICAL LAB
SCALE: 3/4" = 1'-0"



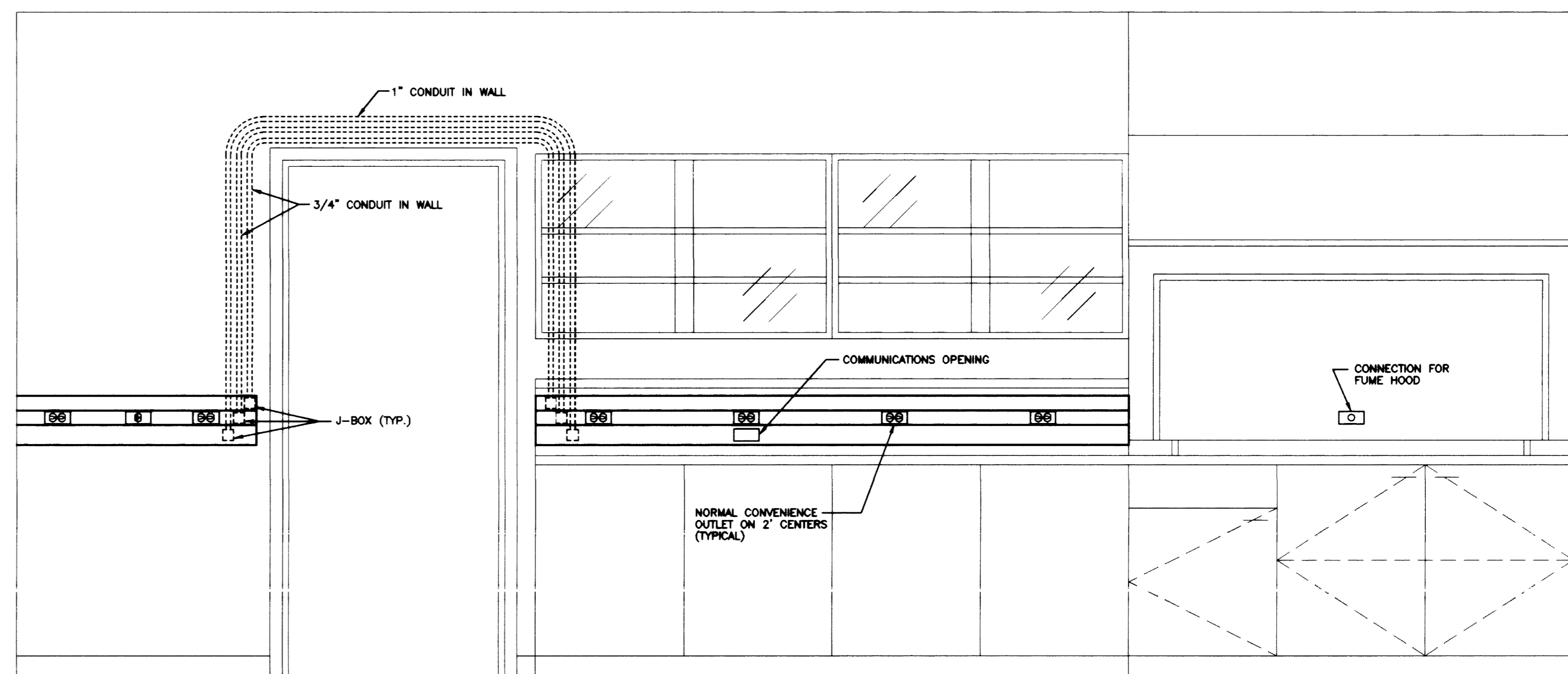
ELEVATION C TYPICAL LAB
SCALE: 3/4" = 1'-0"



ELEVATION D TYPICAL LAB
SCALE: 3/4" = 1'-0"



ELEVATION E TYPICAL LAB
SCALE: 3/4" = 1'-0"

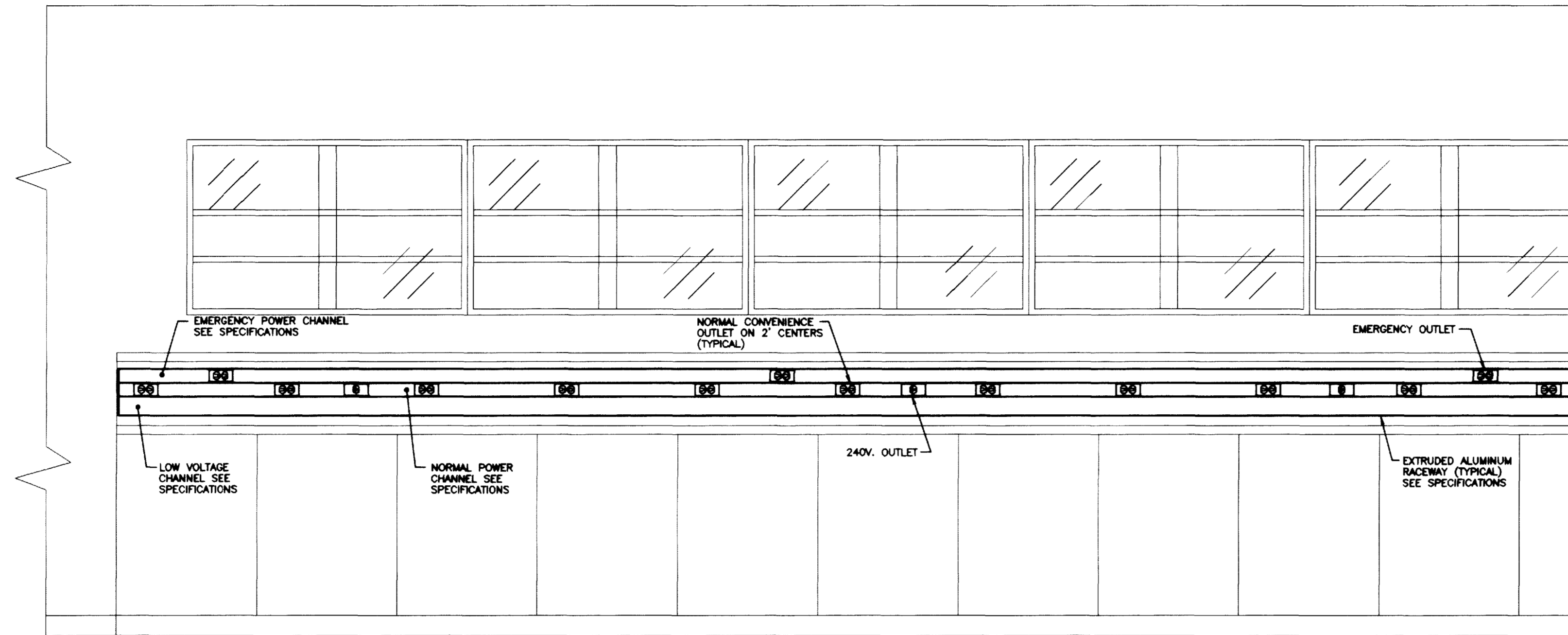


ELEVATION F TYPICAL LAB
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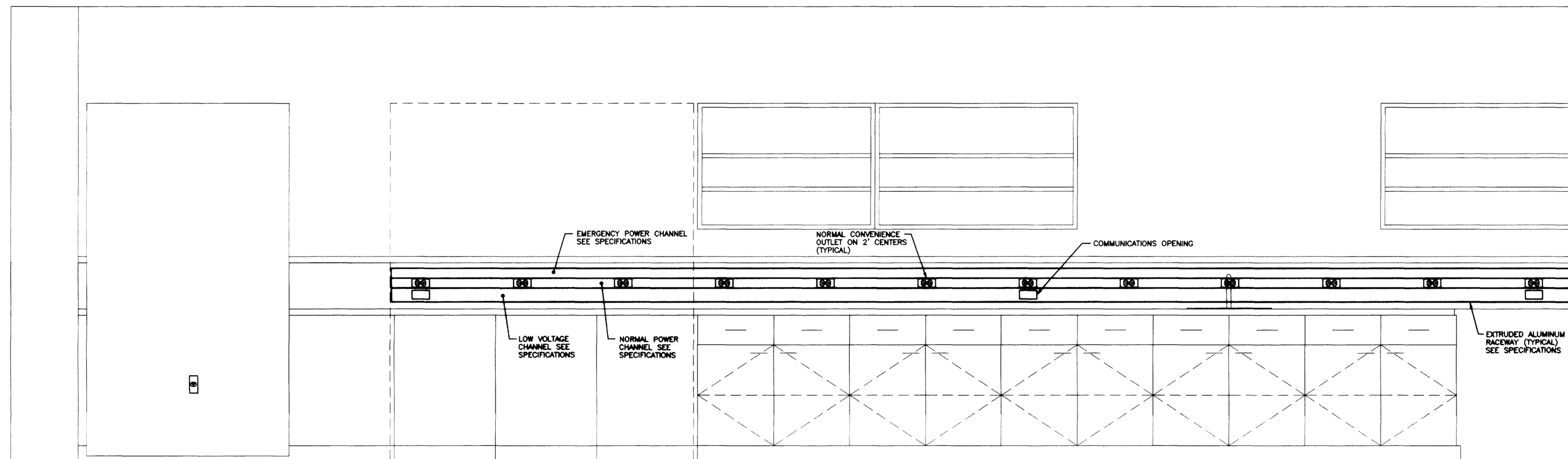
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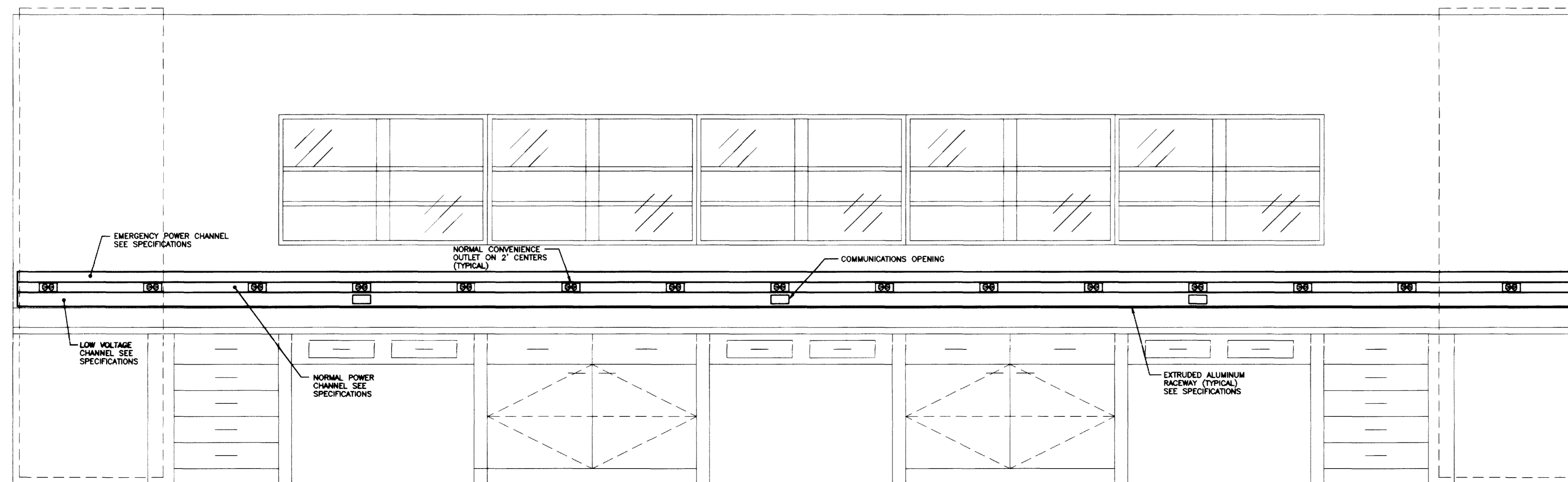
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ELEVATION A SHARED EQUIP. 129, 229, 329, AND 429
SCALE: 3/4" = 1'-0"



ELEVATION B GLASSWASH 266 AND 366
SCALE: 3/4" = 1'-0"



ELEVATION C LAB 001
SCALE: 3/4" = 1'-0"

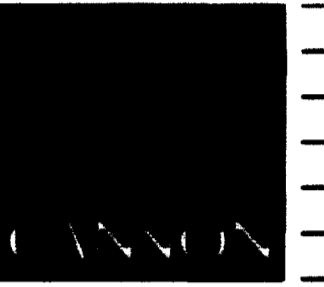
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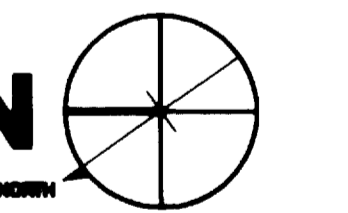
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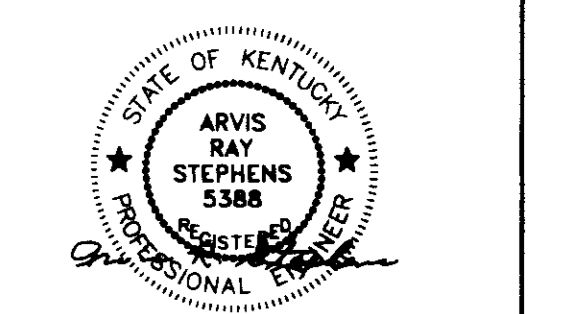
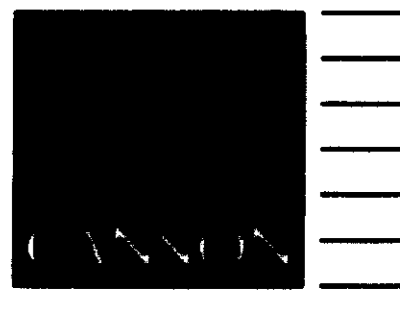
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Issue Date	DEC. 92
Drawing Title	

LAB ELEVATIONS AND DETAILS

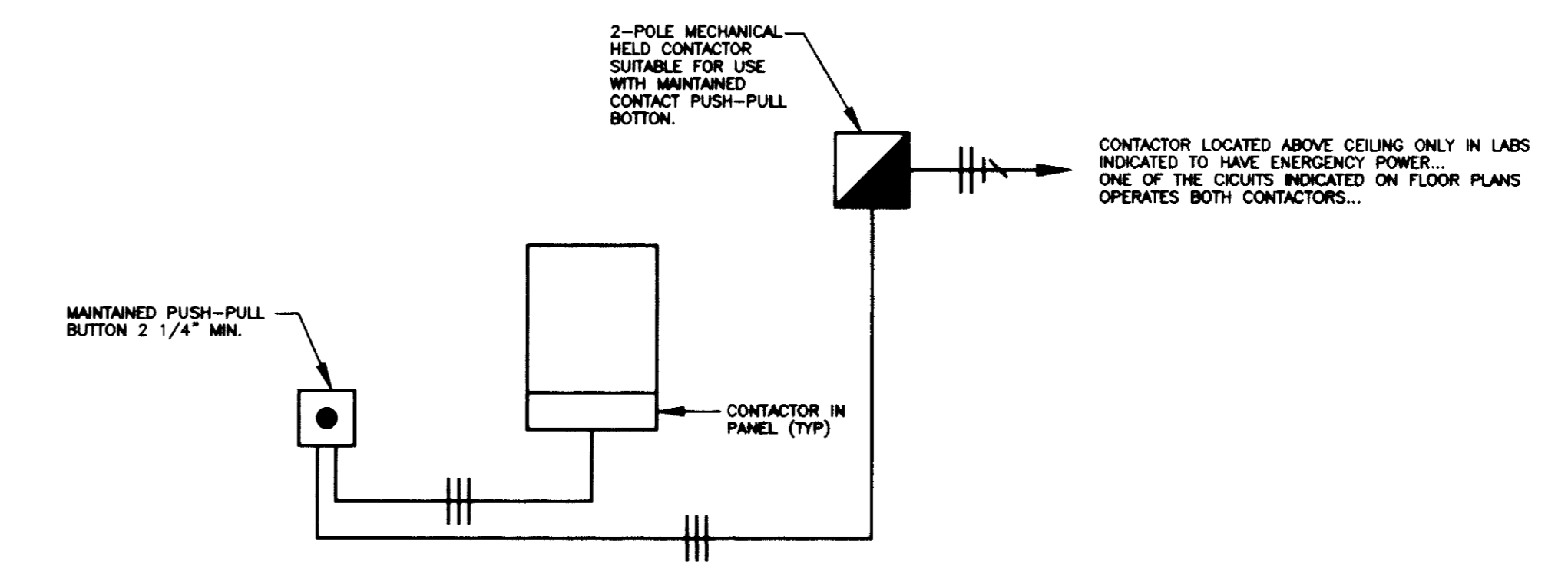
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90240.01	3/4" = 1'-0"
Drawing No.	10.61



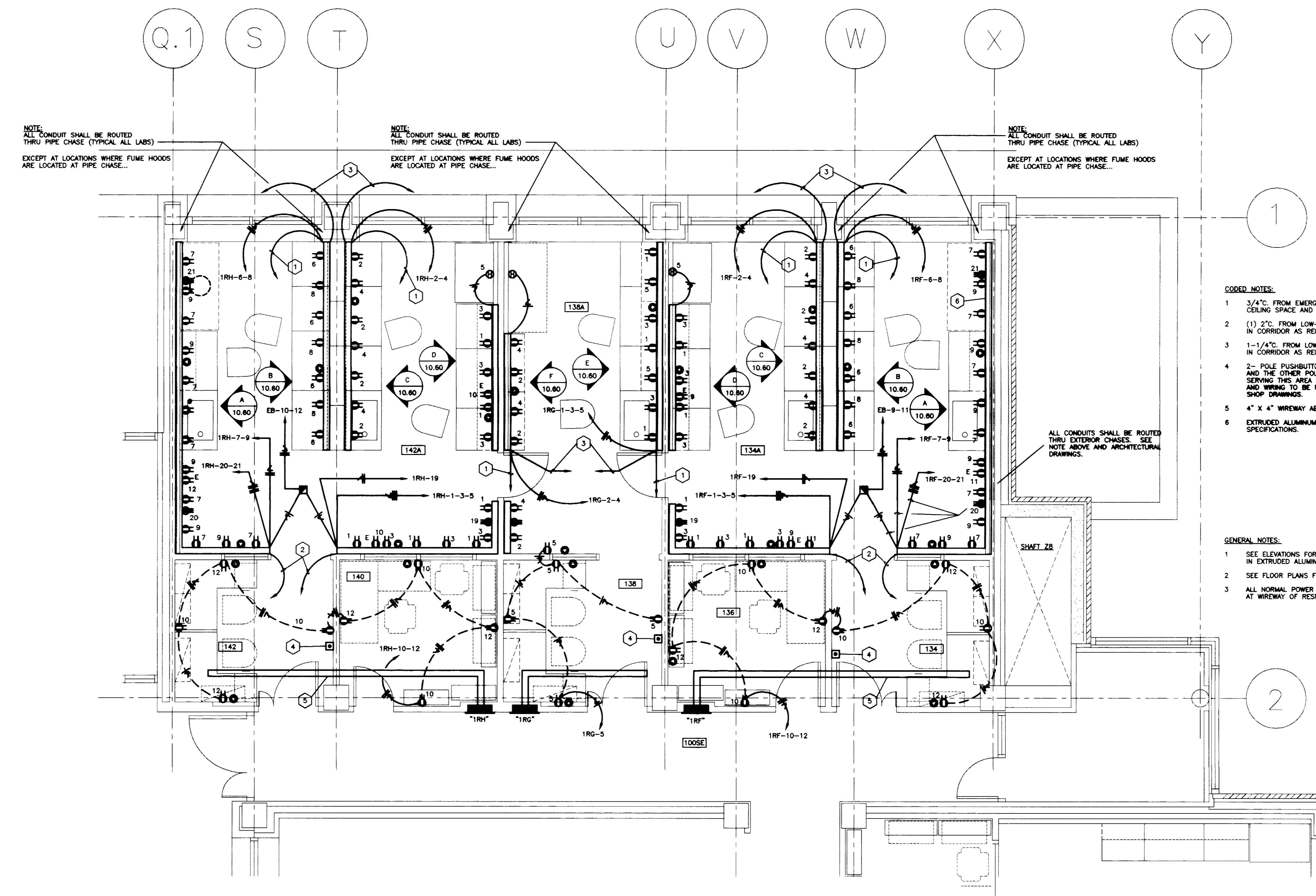
Revision	Date
Issue	DEC. 92

Drawing Title
ENLARGED PLANS AND DETAILS

Drawn by	JCR/wtc
Checked by	ARS
Project No.	90240.01
Scale	1/4" = 1'-0"
Drawing No.	10.62



TYPICAL LAB PANELBOARD WIRING DIAGRAM
NO SCALE



POWER AND LOW-VOLTAGE PLAN - ENLARGED TYPICAL LAB
SCALE: 1/4" = 1'-0"

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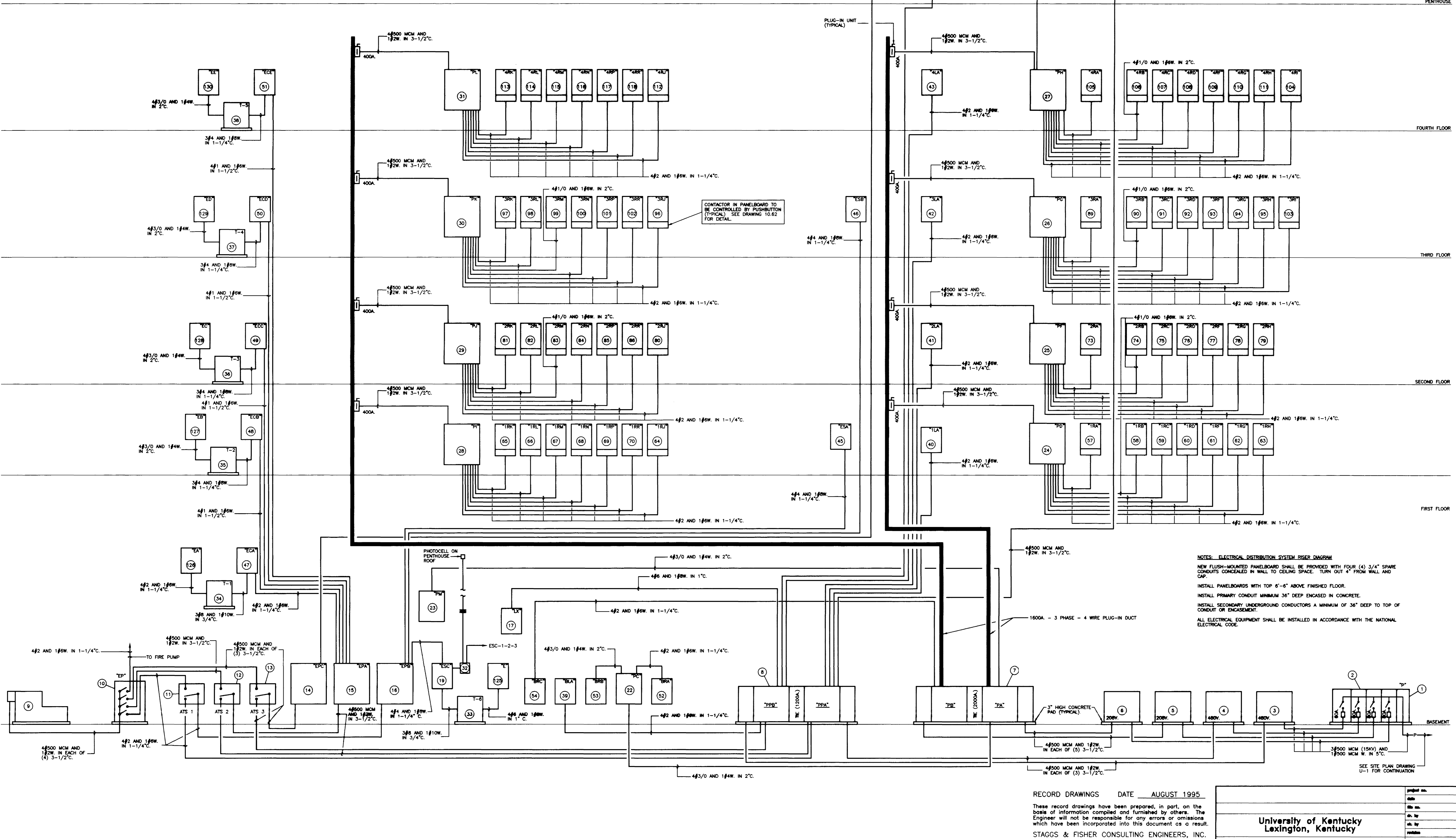
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C-3 10/28/11 46

- DISTRIBUTION NOTES:**
- PRIMARY METERING COMPARTMENT. SEE SPECIFICATIONS.
 - 15 KV LOAD INTERRUPTER SWITCHES. SEE SPECIFICATIONS.
 - 1000 KVA OIL FILLED TRANSFORMER, 12.47 KV PRIMARY, 480/277V. "Y" SECONDARY. SEE SPECIFICATIONS. --- ROOM 003C
 - 1000 KVA OIL FILLED TRANSFORMER, 12.47 KV PRIMARY, 480/277V. "Y" SECONDARY. SEE SPECIFICATIONS. --- ROOM 003C
 - 750 KVA OIL FILLED TRANSFORMER, 12.47 KV PRIMARY, 208/120V. "Y" SECONDARY. SEE SPECIFICATIONS. --- ROOM 003C
 - 750 KVA OIL FILLED TRANSFORMER, 12.47 KV PRIMARY, 208/120V. "Y" SECONDARY. SEE SPECIFICATIONS. --- ROOM 003C
 - 208/120V. DOUBLE ENDED SWITCHBOARD --- ROOM 003C
 - 900KW. 480/277V. EMERGENCY GENERATOR --- ROOM 003A
 - 1800A. 480/277V. EMERGENCY SWITCHBOARD "EP" --- ROOM 003A
 - 100A. 480/277V. AUTOMATIC TRANSFER SWITCH #1 --- ROOM 003A
 - 100A. 480/277V. AUTOMATIC TRANSFER SWITCH #2 --- ROOM 003A
 - 1000A. 480/277V. AUTOMATIC TRANSFER SWITCH #3 --- ROOM 003A
 - 1000A. 480/277V. EMERGENCY DISTRIBUTION PANELBOARD "EPDC" (DELAY EQ.) --- ROOM 003A
 - 400A. 480/277V. EMERGENCY DISTRIBUTION PANELBOARD "EPA" (CRITICAL EQ.) --- ROOM 003A
 - 225A. 480/277V. EMERGENCY DISTRIBUTION PANELBOARD "EPB" (LIFE SAFETY) --- ROOM 003A
 - 480/277V. PANELBOARD "LX" --- ROOM 003C
 - 800A. 480/277V. EMERGENCY DISTRIBUTION PANELBOARD "EPD" --- PENTHOUSE
 - 480/277V. EMERGENCY PANELBOARD "ESC" --- ROOM 003
 - OMT
 - 400A. 480/277V. DISTRIBUTION PANELBOARD "PPC" --- PENTHOUSE

- 400A. 208/120V. DISTRIBUTION PANELBOARD "PC" --- ROOM 013
- 400A. 208/120V. DISTRIBUTION PANELBOARD "PM" --- ROOM 003
- 400A. 208/120V. DISTRIBUTION PANELBOARD "PD" --- ROOM 113
- 400A. 208/120V. DISTRIBUTION PANELBOARD "PF" --- ROOM 213
- 400A. 208/120V. DISTRIBUTION PANELBOARD "PG" --- ROOM 313
- 400A. 208/120V. DISTRIBUTION PANELBOARD "PH" --- ROOM 413
- 400A. 208/120V. DISTRIBUTION PANELBOARD "PI" --- ROOM 103
- 400A. 208/120V. DISTRIBUTION PANELBOARD "PJ" --- ROOM 203
- 400A. 208/120V. DISTRIBUTION PANELBOARD "PK" --- ROOM 303
- 400A. 208/120V. DISTRIBUTION PANELBOARD "PL" --- ROOM 403
- 3 - POLE TIME CLOCK FOR EXTERIOR LIGHTS. PHOTOCELL "ON", TIME CLOCK "OFF" WITH MANUAL OVERRIDE SWITCH.
- 25 KVA. 480V. PRIMARY, 208/120V. "Y" SECONDARY STEP-DOWN TRANSFORMER T-1 --- ROOM 013
- 30 KVA. 480V. PRIMARY, 208/120V. "Y" SECONDARY STEP-DOWN TRANSFORMER T-2 --- ROOM 013
- 60 KVA. 480V. PRIMARY, 208/120V. "Y" SECONDARY STEP-DOWN TRANSFORMER T-3 --- ROOM 103
- 60 KVA. 480V. PRIMARY, 208/120V. "Y" SECONDARY STEP-DOWN TRANSFORMER T-4 --- ROOM 203
- 60 KVA. 480V. PRIMARY, 208/120V. "Y" SECONDARY STEP-DOWN TRANSFORMER T-5 --- ROOM 303
- 480/277V. EMERGENCY PANELBOARD "ESA" --- ROOM 213
- 480/277V. EMERGENCY PANELBOARD "ESB" --- ROOM 313
- 480/277V. EMERGENCY PANELBOARD "ECA" --- ROOM 103
- 480/277V. EMERGENCY PANELBOARD "ECB" --- ROOM 103
- 480/277V. EMERGENCY PANELBOARD "ECC" --- ROOM 203
- 480/277V. EMERGENCY PANELBOARD "ECD" --- ROOM 303
- 480/277V. EMERGENCY PANELBOARD "ECE" --- ROOM 403
- 52 208/120V. PANELBOARD "BRA" --- ROOM 013
- 52 208/120V. PANELBOARD "BRB" --- ROOM 001A
- 52 208/120V. PANELBOARD "BRC" --- ROOM 003C
- 56 OMT
- 57 208/120V. PANELBOARD "1RA" --- ROOM 113
- 58 208/120V. PANELBOARD "1RB" --- ROOM 100S
- 59 208/120V. PANELBOARD "1RC" --- ROOM 100S
- 60 208/120V. PANELBOARD "1RD" --- ROOM 100S
- 61 208/120V. PANELBOARD "1RE" --- ROOM 100SE
- 62 208/120V. PANELBOARD "1R0" --- ROOM 100SE
- 63 208/120V. PANELBOARD "1RH" --- ROOM 100SE
- 64 208/120V. PANELBOARD "1RI" --- ROOM 100E
- 65 208/120V. PANELBOARD "1RJ" --- ROOM 103
- 66 208/120V. PANELBOARD "1RL" --- ROOM 100N
- 67 208/120V. PANELBOARD "1RM" --- ROOM 100N
- 68 208/120V. PANELBOARD "1RN" --- ROOM 100N
- 69 208/120V. PANELBOARD "1RP" --- ROOM 200E
- 70 208/120V. PANELBOARD "1RR" --- ROOM 100E
- 71 OMT
- 72 OMT
- 73 208/120V. PANELBOARD "2RA" --- ROOM 213
- 74 208/120V. PANELBOARD "2RB" --- ROOM 200S
- 75 208/120V. PANELBOARD "2RC" --- ROOM 200S
- 76 208/120V. PANELBOARD "2RD" --- ROOM 200S
- 77 208/120V. PANELBOARD "2RE" --- ROOM 200SE
- 78 208/120V. PANELBOARD "2R0" --- ROOM 200SE
- 79 208/120V. PANELBOARD "2RH" --- ROOM 200SE
- 80 208/120V. PANELBOARD "2RI" --- ROOM 200E
- 81 208/120V. PANELBOARD "2RJ" --- ROOM 203
- 82 208/120V. PANELBOARD "2RK" --- ROOM 200N
- 83 208/120V. PANELBOARD "2RL" --- ROOM 200N
- 84 208/120V. PANELBOARD "2RM" --- ROOM 200N
- 85 208/120V. PANELBOARD "2RN" --- ROOM 200E
- 86 208/120V. PANELBOARD "2RP" --- ROOM 200E
- 87 OMT
- 88 OMT
- 89 208/120V. PANELBOARD "3RA" --- ROOM 313
- 90 208/120V. PANELBOARD "3RB" --- ROOM 300S
- 91 208/120V. PANELBOARD "3RC" --- ROOM 300S
- 92 208/120V. PANELBOARD "3RD" --- ROOM 300S
- 93 208/120V. PANELBOARD "3RE" --- ROOM 300SE
- 94 208/120V. PANELBOARD "3R0" --- ROOM 300SE
- 95 208/120V. PANELBOARD "3RH" --- ROOM 300E
- 96 208/120V. PANELBOARD "3RI" --- ROOM 300E
- 97 208/120V. PANELBOARD "3RJ" --- ROOM 303
- 98 208/120V. PANELBOARD "3RK" --- ROOM 300N
- 99 208/120V. PANELBOARD "3RL" --- ROOM 300N
- 100 208/120V. PANELBOARD "3RM" --- ROOM 300N
- 101 208/120V. PANELBOARD "3RN" --- ROOM 300E
- 102 208/120V. PANELBOARD "3RP" --- ROOM 300E
- 103 208/120V. PANELBOARD "3R0" --- ROOM 342
- 104 208/120V. PANELBOARD "3R1" --- ROOM 400E
- 105 208/120V. PANELBOARD "3R2" --- ROOM 413
- 106 208/120V. PANELBOARD "3R3" --- ROOM 400S
- 107 208/120V. PANELBOARD "3R4" --- ROOM 400S
- 108 208/120V. PANELBOARD "3R5" --- ROOM 400S
- 109 208/120V. PANELBOARD "3R6" --- ROOM 400SE
- 110 208/120V. PANELBOARD "3R7" --- ROOM 400SE
- 111 208/120V. PANELBOARD "3R8" --- ROOM 400E
- 112 208/120V. PANELBOARD "3R9" --- ROOM 400E
- 113 208/120V. PANELBOARD "4RR" --- ROOM 403
- 114 208/120V. PANELBOARD "4RL" --- ROOM 400N
- 115 208/120V. PANELBOARD "4RM" --- ROOM 400N
- 116 208/120V. PANELBOARD "4RN" --- ROOM 400E
- 117 208/120V. PANELBOARD "4RP" --- ROOM 400E
- 118 208/120V. PANELBOARD "4R0" --- ROOM 400E
- 119 OMT
- 120 OMT
- 121 208/120V. PANELBOARD "5RA" --- PENTHOUSE
- 122 OMT
- 123 OMT
- 124 OMT
- 125 208/120V. EMERGENCY PANELBOARD "E" --- ROOM 003C
- 126 208/120V. EMERGENCY PANELBOARD "TA" --- ROOM 013
- 127 208/120V. EMERGENCY PANELBOARD "TB" --- ROOM 103
- 128 208/120V. EMERGENCY PANELBOARD "TC" --- ROOM 203
- 129 208/120V. EMERGENCY PANELBOARD "TD" --- ROOM 303
- 130 208/120V. EMERGENCY PANELBOARD "TE" --- ROOM 403



NOTES: ELECTRICAL DISTRIBUTION SYSTEM RISER DIAGRAM

- NEW FLUSH-MOUNTED PANELBOARD SHALL BE PROVIDED WITH FOUR (4) 3/4" SPARE CONDUITS CONCEALED IN WALL TO CEILING SPACE. TURN OUT 4" FROM WALL AND CAP.
- INSTALL PANELBOARDS WITH TOP 6"-6" ABOVE FINISHED FLOOR.
- INSTALL PRIMARY CONDUIT MINIMUM 36" DEEP ENCASED IN CONCRETE.
- INSTALL SECONDARY UNDERGROUND CONDUCTORS A MINIMUM OF 36" DEEP TO TOP OF CONDUIT OR ENCASEMENT.
- ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE.

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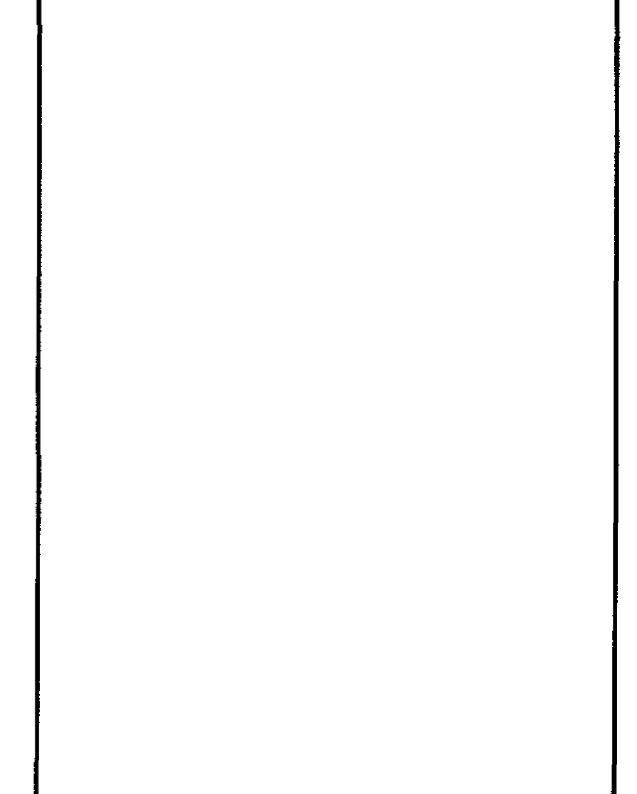
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ELECTRICAL DISTRIBUTION SYSTEM RISER DIAGRAM

NO SCALE

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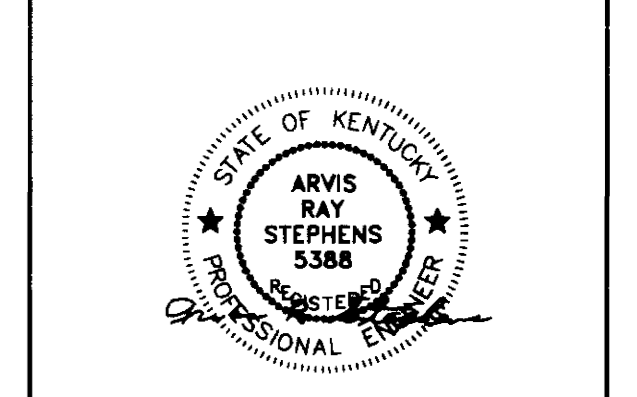
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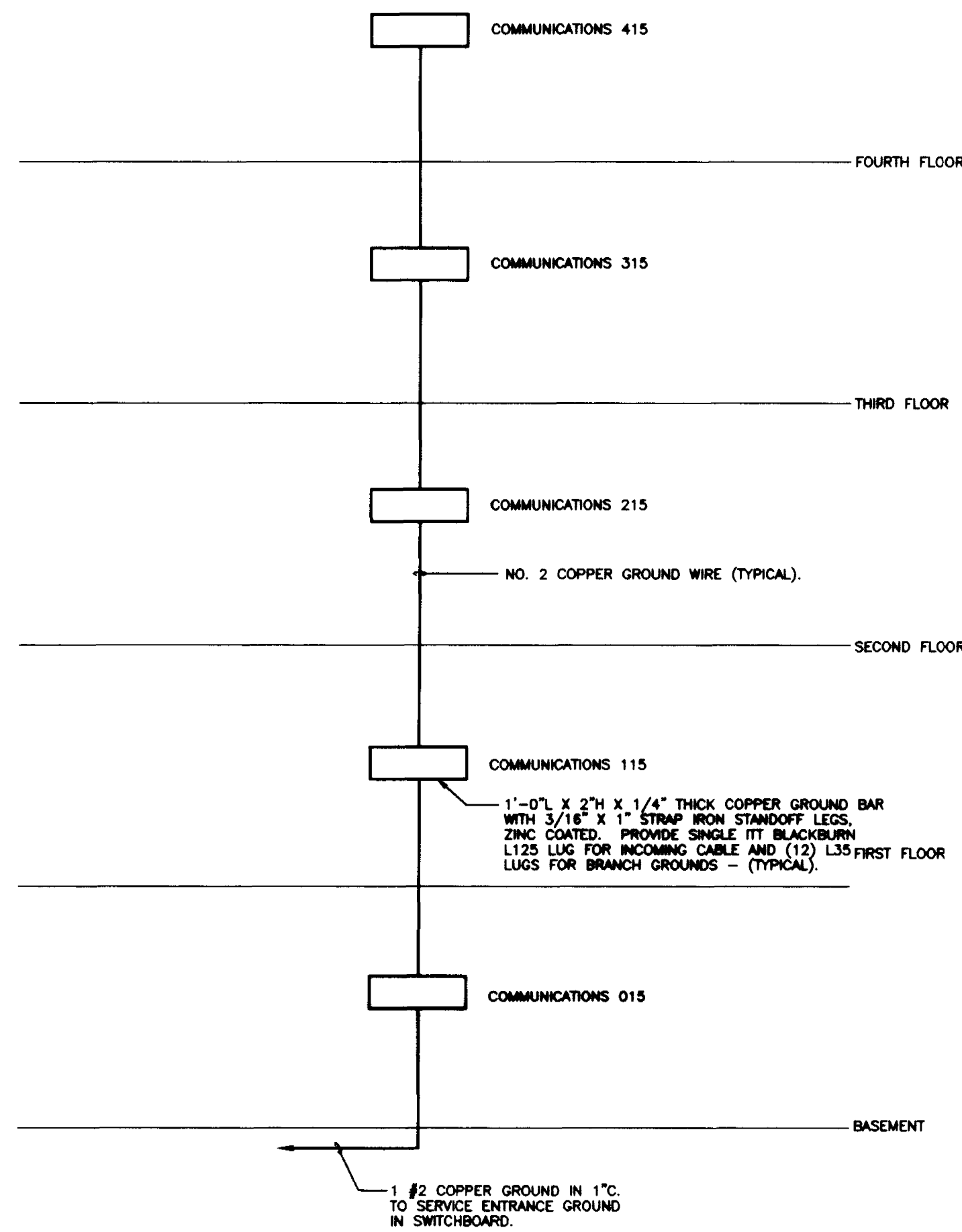
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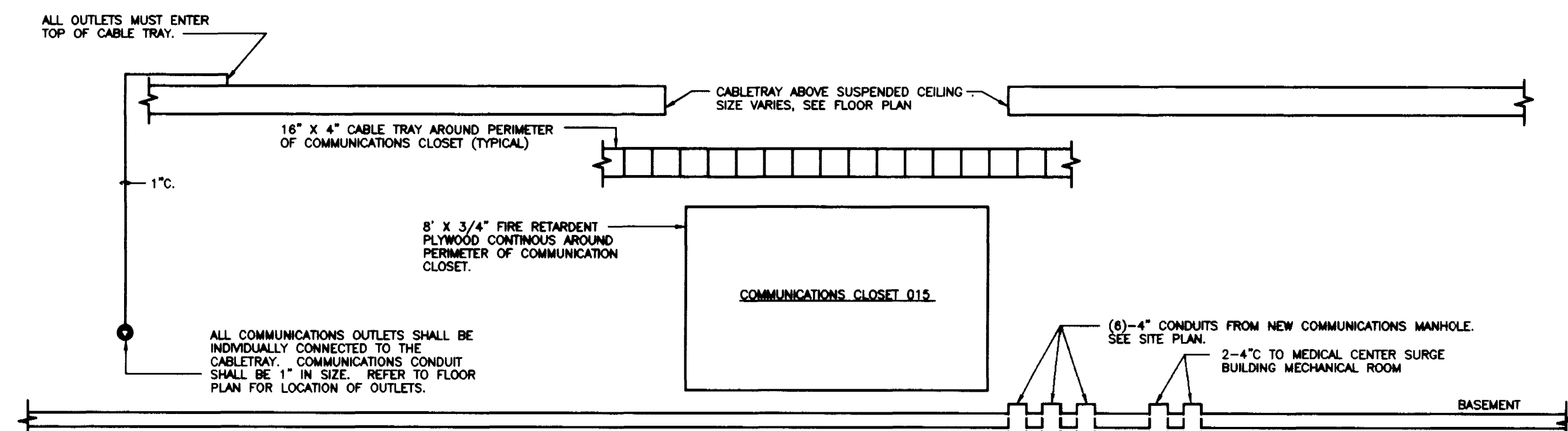
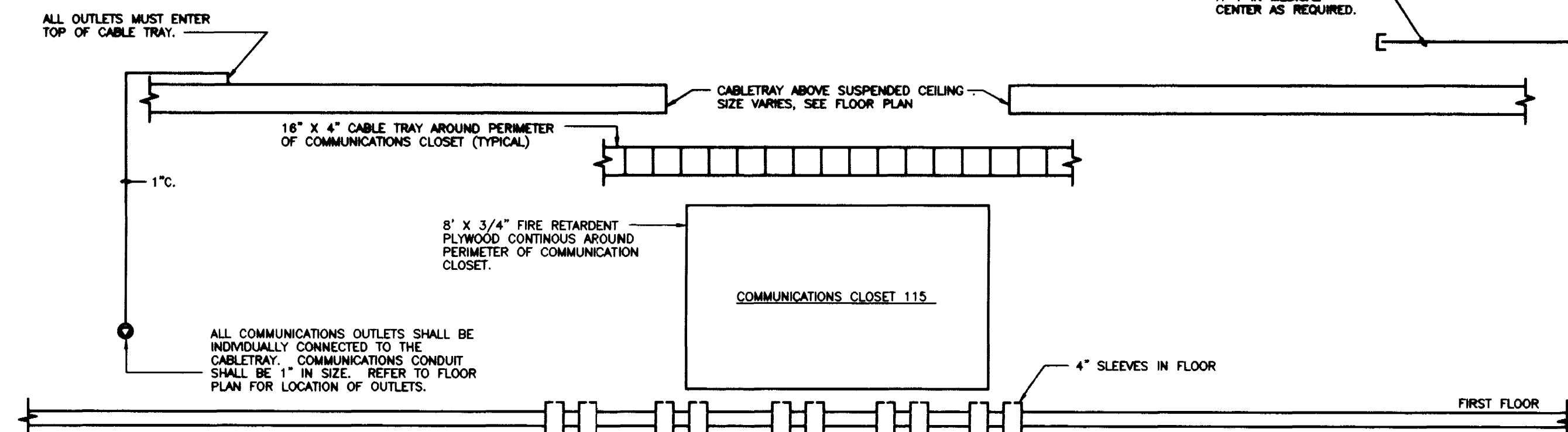
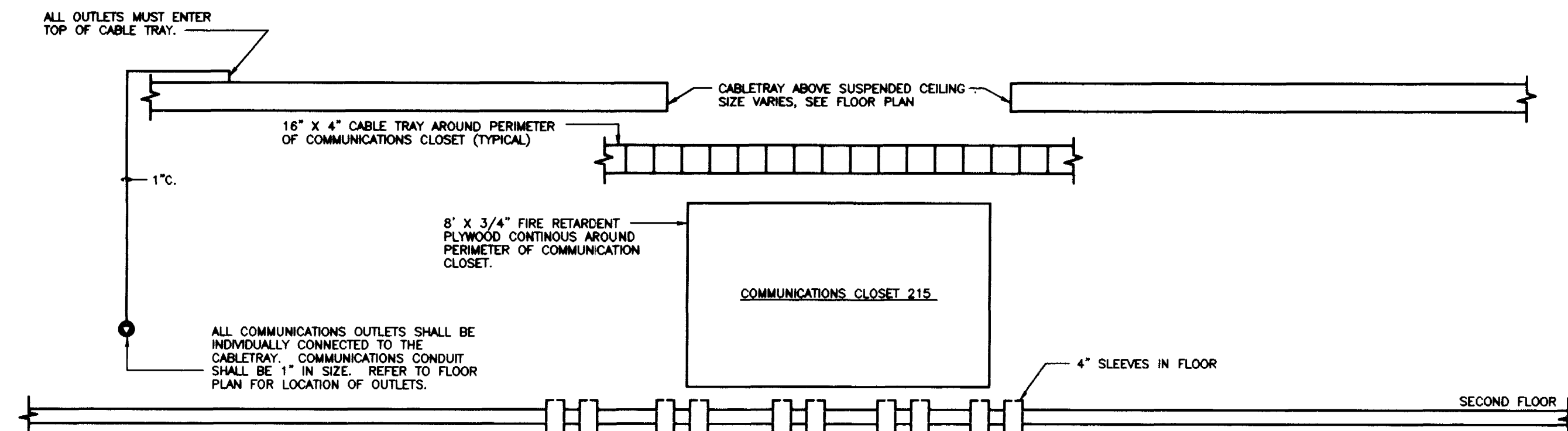
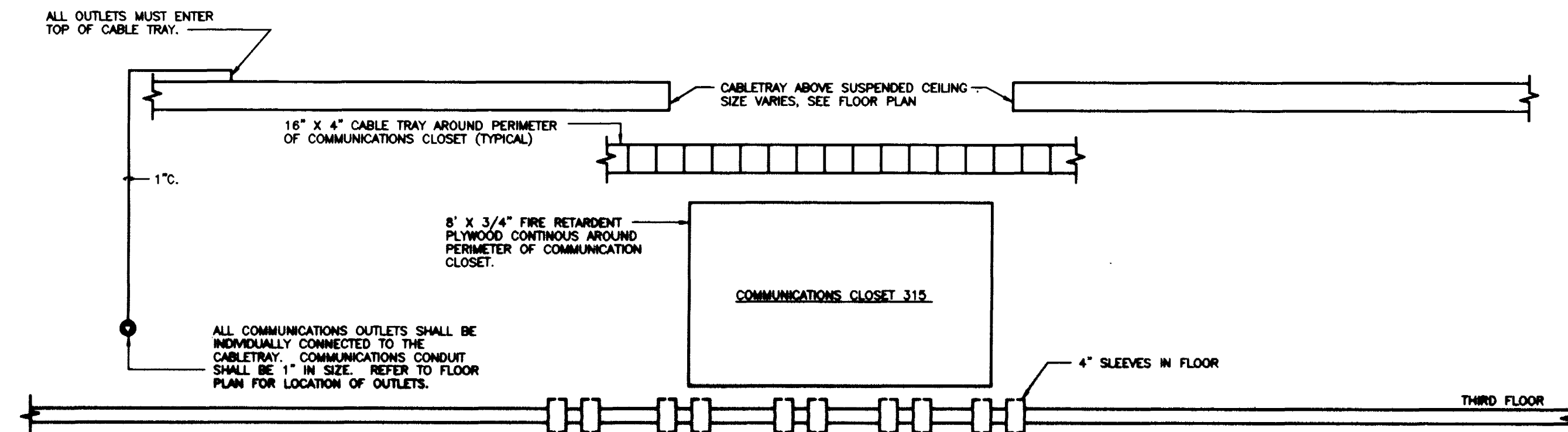
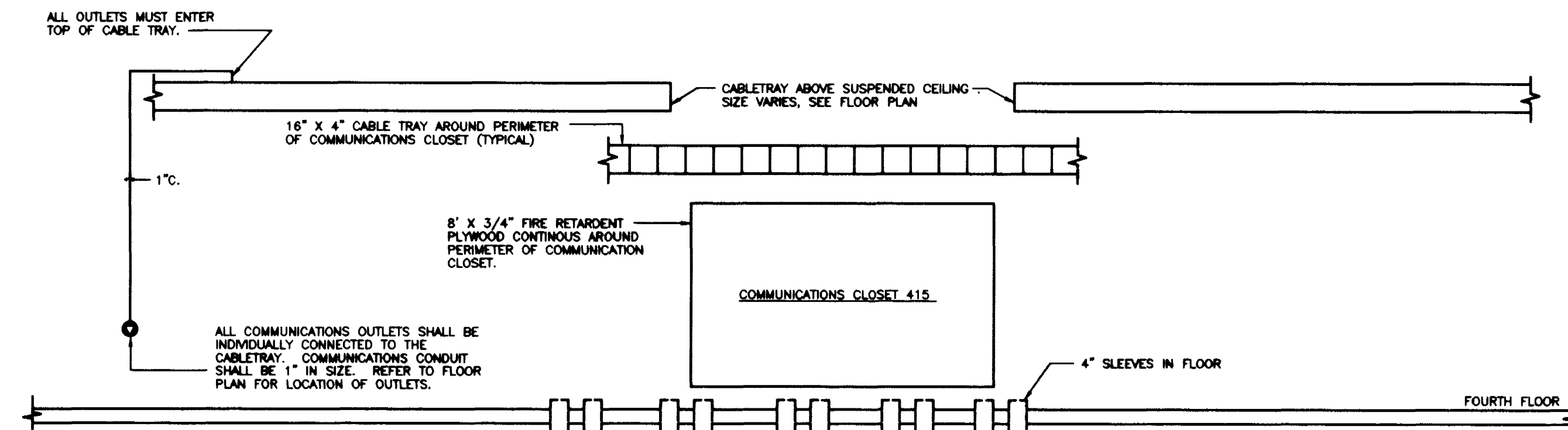
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Drawing Title	
ELECTRICAL DISTRIBUTION SYSTEM RISER DIAGRAM	

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80240.01
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COMMUNICATIONS GROUND SYSTEM RISER DIAGRAM
NO SCALE



COMMUNICATIONS SYSTEM RISER DIAGRAM
NO SCALE

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DRAWING 10.71 - COMMUNICATIONS SYSTEM RISER DIAGRAM

- A. Furnish and install (3) 1-1/4" inner-duct in one (1) of the 4" from communications closet 115 to Room N-1 in Medical Center as required. Inner duct shall be Corrugated and manufactured by Pyralis Industries, or equal. Furnish pull-string with each inner-duct.
- B. Contractor to furnish fiber optic cable to Owner to be installed by U.K. Communications Division between Communications Room 115 and Room N-1 in Medical Center through (1) 1-1/4" inner-duct.

Fiber optic cable shall be in accordance with the following specifications:

INDOOR/OUTDOOR LIGHT BUFFER FIBER CABLE EMPLOYING MULTIMODE FIBER:

- General Considerations:**
 - Non-Plenum Applications - Applicable Flame Tests: UL 1581 and UL 1666.
 - Fiber Characteristics:**
 - All fibers in the cable must be usable fibers and meet required specifications. Cable shall be 48-fiber.
 - All optical fibers shall be sufficiently free of surface imperfections and inclusions to meet the optical, mechanical, and environmental requirements of this specification.
 - Each optical fiber shall consist of a doped silica core surrounded by a concentric glass cladding. The fiber shall be a matched clad design.
 - The multimode fiber utilized in the cable specified herein shall meet EA/7A-492A-1989, "Detail Specification for 62.5 micrometer Core Diameter/125 micrometer Cladding Diameter Class B Multimode, Graded Index Optical Waveguide Fibers."
 - Core diameter: 62.5 ± 0.015 micrometer
 - Cladding diameter: 125.0 ± 0.2 micrometer
 - Core-to-cladding offset: < 3.0 micrometer
 - Graded index
 - Numerical Aperture: 0.275 ± 0.015 (measured in accordance with FOTP-47)
 - Attenuation Uniformity: There shall be no point discontinuities greater than 0.2 dB at either 850 nm or 1300 nm.
 - All optical fibers shall be proof tested by the fiber manufacturer at a minimum of 50 test.
 - The fiber shall be coated with a dual layer acrylate protective coating. The coating shall be in physical contact with the cladding surface.
 - A thermoplastic buffer shall be applied over the fiber coating. The diameter of the light buffer coating shall be 900 ± 50 micrometer.
 - The fiber coating and buffer shall be removable with commercially available stripping tools in a single pass.
- Fiber Specification Parameters:**
 - All fibers in the cable shall meet the requirements of this specification.
 - The attenuation specification shall be a maximum attenuation for each fiber over the entire operating temperature range of the cable.
 - The attenuation of the cabled fiber shall be uniformly distributed throughout its length such that there are no discontinuities greater than 0.2 dB in any 1 km length of fiber.
 - Required Fiber Grade - Maximum Fiber Attenuation
 - Minimum Bandwidth Requirement (multimode only)

4. Cable Construction:

- For Riser Cables with More than 24 Fibers: The buffered fibers shall be grouped together in six fiber subunits. In each subunit, the individual fibers shall be stranded around an aramid yarn central member and surrounded by layered aramid yarns. Ripcord shall be incorporated in the subunit design to facilitate access to the individual fibers. The subunit jacket shall be extruded over the aramid yarns for additional physical and environmental protection. The subunits shall be stranded around a GRP central member and surrounded by layered aramid yarns. The GRP central member shall serve as the tensile strength member of the cable. The GRP central member provides anti-buckling to assure consistent attenuation performance across the operating temperature range of the cable. A ripcord shall be inserted beneath the outer jacket to facilitate jacket removal. The outer jacket shall be extruded around the units for physical and environmental protection.
- Stranding Members:** The strength member shall be a high modulus aramid yarn. The aramid yarns shall be helically stranded around the buffered fibers. A non-toxic, non-irritant talc shall be applied to the yarn to allow the yarns to be easily separated from the fibers and the jacket.
- Cable Jacket:** The jacket shall be continuous. Free from pinholes, spots, blisters, or other imperfections. The jacket shall be smooth, as is consistent with the best commercial practice. The jacket shall provide the cable with a tough, flexible, protective coating, able to withstand the stresses expected in normal installation and service.
- The cable jacket color shall be orange.
- The cable jacket shall be designed for easy removal without damage to the optical fibers by incorporating a ripcord under each cable jacket. A non-toxic, non-irritant talc shall be applied to the aramid yarns to allow the yarns to be easily separated from the fibers and the jacket.
- The nominal thickness of the cable outer jacket shall be sufficient to provide adequate cable protection while meeting the mechanical, flammability, and environmental test requirements of this document over the life of the cable.
- The cable shall be oil-dielectric.

5. Identification:

- The individual fibers shall be color coded for identification. The color coding shall be in accordance with EA/7A-558 Color Coding of Fiber Optic Cables. The coloring material shall be stable over the temperature range of the cable, shall not be susceptible to migration, and shall not affect the transmission characteristics of the optical fibers. Color coded buffered fibers shall not adhere to one another. When fibers are grouped in individual units, each unit shall be numbered on the unit jacket for identification. The number shall be repeated approximately every six inches.
- Jacket Printing:** The outer cable jacket shall be marked at least every two feet with the manufacturer's name or UL file number, date of manufacture, fiber type, flame rating, UL symbol, and sequential length markings every two feet (e.g. 82.5/125 MICRON TYPE OFNR - UL). The print code shall be black. The printing shall be permanent and legible for the life of the cable.

6. Cable Specifications:

- Temperature Range -** The storage temperature range for the cable on the original shipping reel shall be -40°C to +70°C. The operating temperature range for riser cables shall be -20°C to +70°C. The operating temperature range for plenum cables shall be 0°C to +70°C. Testing shall be in accordance with FOTP-3.

B. Crush Resistance - Testing shall be in accordance with FOTP-41.

C. Impact Resistance - Testing shall be in accordance with FOTP-25.

D. Optic Flexing - Testing shall be in accordance with FOTP-25.

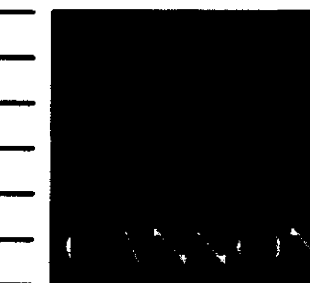
E. Flammability - All cables shall comply with the requirements of the 1990 NEC, Article 770. Riser cables (OFNR) shall pass UL-1666.

7. Packing and Shipping:

- The cable shall be packaged in cartons and/or wound on spools or reels. Each package shall contain only one continuous length of cable. The packaging shall be constructed so as to prevent damage to the cable during shipping and handling.
- When the length of an order requires a large wooden reel, the reel shall be logged with wooden slivers. The cable shall be covered with a thermal wrap. The outer end of the cable shall be accurately fastened to the reel lead so as to prevent the cable from becoming loose in transit. The inner end of the cable shall project into a slot in the side of the reel or into a housing on the inner slot of the drum, in such a manner and with sufficient length to make it available for testing.
- Test tails shall be of least 2 meters long. The inner end shall be fastened so as to prevent the cable from becoming loose during shipping and installation. End seals shall be applied to each end of the cable to prevent moisture from entering the cable. Reels shall be permanently marked with an identification number that can be used by the manufacturer to trace the manufacturing history of the cable and the fiber.
- Each reel shall be plainly marked to indicate the direction in which it should be rolled to prevent loosening of the cable on the reel.
- Documentation shall accompany each reel. The documentation shall indicate the attenuation of each cabled fiber in dB/km. The attenuation shall be measured at 850 nm and 1300 nm.

8. Miscellaneous:

- At the request of the customer, the cable manufacturer shall provide installation procedures and technical support concerning the items contained in this specification.



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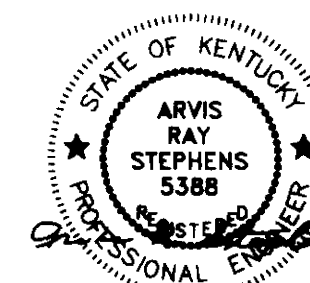
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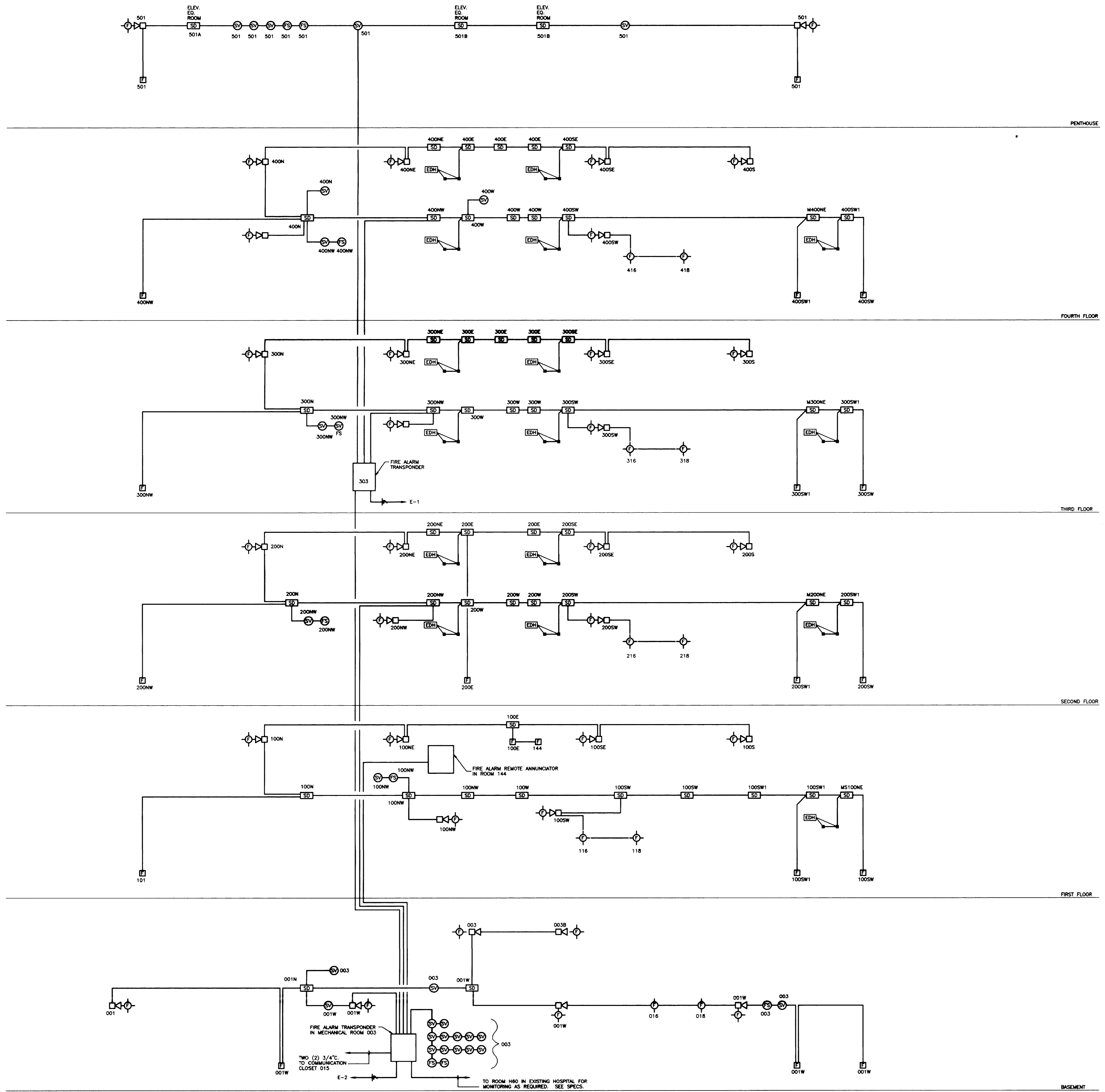
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Issue Date	DEC. 92
Drawing Title	

COMMUNICATIONS SYSTEM RISER DIAGRAM

Drawn by	JCR WTG
Checked by	ARS
Project No.	Scale
80240.01	NONE
Drawing No.	10.71



FIRE ALARM SYSTEM NOTES:
 USE NO. 12 WIRES IN ALL CIRCUITS TO FIRE HORNS AND #14 WIRES IN ALL CIRCUITS TO ALARM STATIONS.
 FIRE ALARM SYSTEM RISER DIAGRAM IS FOR BID PURPOSES ONLY. SYSTEM SHALL BE INSTALLED AND CONNECTED IN ACCORDANCE WITH WIRING DIAGRAMS OBTAINED FROM MANUFACTURER.
 ALL CONDUIT IN FIRE ALARM SYSTEM SHALL BE 3/4" SIZE EXCEPT AS OTHERWISE NOTED.
 REFER TO SPRINKLER PLANS FOR EXACT LOCATION OF FLOW AND TAMPER SWITCHES.
 INSTALL FLASHING LIGHTS WITH BOTTOM AT 6'-8".
 ALL FIRE ALARM EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE AMERICAN DISABILITIES ACT.
 FIRE PUMP SHALL BE MONITORED FOR THE FOLLOWING:
 A. MOTOR RUNNING
 B. PHASE REVERSAL
 C. LOSS OF LINE POWER

NOTE:
 ONE CONTACT OF EACH SMOKE DETECTOR IN ATRIM AREA SHALL BE WIRED IN PARALLEL TO FIRE ALARM CONTROL PANEL TO START SMOKE REMOVAL FAN IN PENTHOUSE. PROVIDE RELAY TO OPEN DOORS 103B, 144B, 101B AND 122B ON RECEIPT OF ALARM FROM ATRIM SMOKE DETECTORS.
 SMOKE REMOVAL FAN SHALL ALSO START ON SPRINKLER FLOW.
 PROVIDE KEY SWITCH IN ANNUNCIATOR PANEL FOR START OF ATRIM SMOKE REMOVAL FAN BY FIRE DEPARTMENT.
 DOORS 104, 201, 301, AND 401 SHALL CLOSE ON RECEIPT OF ALARM FROM EITHER MEDICAL RESEARCH OR FROM THE MEDICAL SCIENCE WING. PROVIDE WIRING AND SOFTWARE AS REQUIRED FOR THIS FUNCTION.

- FIRE ALARM ZONE SCHEDULE:**
- 1 BASEMENT - NORTH
 - 2 BASEMENT - SOUTH
 - 3 MECHANICAL ROOM
 - 4 FIRST FLOOR - NORTH
 - 5 FIRST FLOOR - SOUTH
 - 6 SECOND FLOOR - NORTH
 - 7 SECOND FLOOR - SOUTH
 - 8 THIRD FLOOR - NORTH
 - 9 THIRD FLOOR - SOUTH
 - 10 FOURTH FLOOR - NORTH
 - 11 FOURTH FLOOR - SOUTH
 - 12 SPARE
 - 13 SPARE
 - 14 SPARE
 - 15 FIRE PUMP
 - 16 SPRINKLER - BASEMENT
 - 17 SPRINKLER - FIRST FLOOR
 - 18 SPRINKLER - SECOND FLOOR
 - 19 SPRINKLER - THIRD FLOOR
 - 20 SPRINKLER - FOURTH FLOOR
 - 21 SPRINKLER - ELEVATORS 1 AND 2
 - 22 SPRINKLER - ELEVATORS 1 AND 2
 - 23 SPRINKLER - ELEVATOR 3
 - 24 SUPERVISED VALVE - MAIN
 - 25 SUPERVISED VALVE - FIRE PUMP
 - 26 SUPERVISED VALVE - BASEMENT
 - 27 SUPERVISED VALVE - FIRST FLOOR
 - 28 SUPERVISED VALVE - SECOND FLOOR
 - 29 SUPERVISED VALVE - THIRD FLOOR
 - 30 SUPERVISED VALVE - FOURTH FLOOR
 - 31 ELEVATORS 1 AND 2 - MACHINE ROOM
 - 32 ELEVATOR 3 - MACHINE ROOM
 - 33 ELEVATORS 1 AND 2 - ELEVATOR SHAFT
 - 34 ELEVATOR 3 - ELEVATOR SHAFT
 - 35-40 SPARE ZONES FOR FUTURE

FIRE ALARM SYSTEM RISER DIAGRAM
 NO SCALE

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drawing no.	
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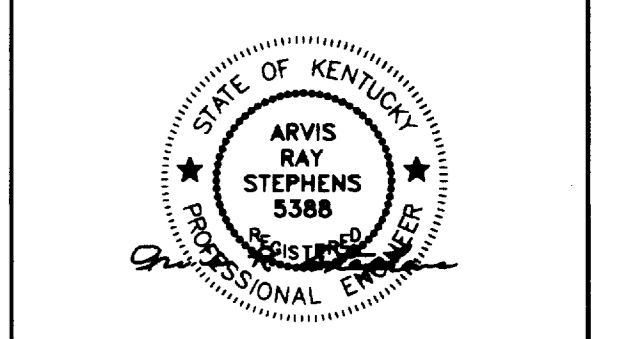
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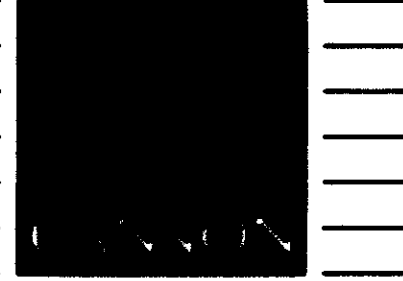


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FIRE ALARM SYSTEM RISER DIAGRAM

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Project No.	Scale
90240.01	NONE
Drawing No.	10.72

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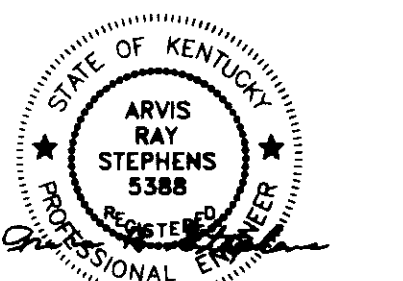
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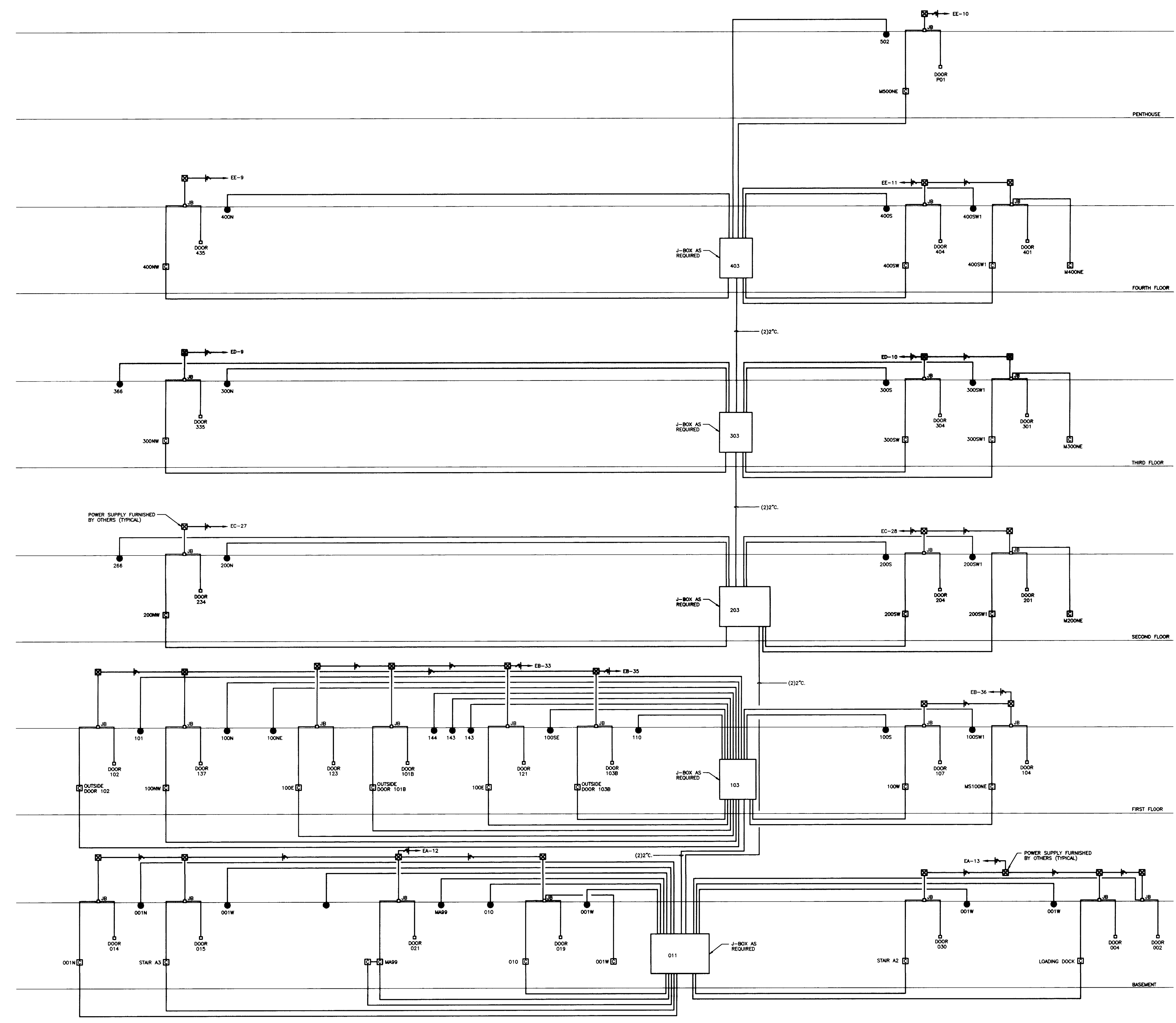
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SECURITY SYSTEM
RISER DIAGRAM

- SECURITY RISER NOTES:
1. ALL CONDUIT SHALL BE MINIMUM 3/4" IN SIZE, UNLESS NOTED OTHERWISE.
 2. ALL WIRING BETWEEN KEY SWITCHES, POWER SUPPLIES, DOOR HARDWARE, ETC., SHALL BE IN ACCORDANCE WITH MANUFACTURERS SHOP DRAWINGS.
 3. POWER SUPPLIES AND KEY SWITCHES FURNISHED BY OTHERS, INSTALLED BY DIVISION 16 CONTRACTOR.



SECURITY SYSTEM CONDUIT RISER DIAGRAM

NO SCALE

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90240.01	NONE
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director - design and construction division	date

DRAWING: V:\KUR\17-71.DWG SCALE= 48. L:\SALES\35.DWG SCALE= 96. 10/20/92 AT 15:50

DISTRIBUTION PANELBOARD "PM" SCHEDULE			
120/208v. - 3 phase - 4 wire			
CIRCUIT NUMBER	APPLICATION	POLES	CAPACITY IN AMPS
PM-1	DISCONNECT --- ROOM A034	2	60
PM-2	DISCONNECT --- ROOM A035	2	60
PM-3	DISCONNECT --- ROOM A038	2	30
PM-4	DISCONNECT --- ROOM A034	2	30
PM-5	DISCONNECT --- ROOM A032	2	30
PM-6	SPARE	3	100
PM-7	SPARE	3	60
PM-8	SPARE	3	30

DISTRIBUTION PANELBOARD "PI" SCHEDULE			
120/208v. - 3 phase - 4 wire			
CIRCUIT NUMBER	APPLICATION	POLES	CAPACITY IN AMPS
PI-1	PANELBOARD "1RL"	3	100
PI-2	PANELBOARD "1RL"	3	100
PI-3	PANELBOARD "1RL"	3	100
PI-4	PANELBOARD "1RL"	3	100
PI-5	PANELBOARD "1RL"	3	100
PI-6	PANELBOARD "1RL"	3	100
PI-7	PANELBOARD "1RL"	3	100
PI-8	COOLER CONDENSING UNIT	3	15
PI-9	COOLER EVAPORATING UNIT	2	30
PI-10	SPARE	3	200
PI-11	SPARE	3	100
PI-12	SPARE	3	60

DISTRIBUTION PANELBOARD "PC" SCHEDULE			
120/208v. - 3 phase - 4 wire			
CIRCUIT NUMBER	APPLICATION	POLES	CAPACITY IN AMPS
PC-1	PANELBOARD "1RA"	3	100
PC-2	PANELBOARD "1RB"	3	200
PC-3	SPARE	3	200
PC-4	SPARE	3	100
PC-5	SPARE	3	60

DISTRIBUTION PANELBOARD "PD" SCHEDULE			
120/208v. - 3 phase - 4 wire			
CIRCUIT NUMBER	APPLICATION	POLES	CAPACITY IN AMPS
PD-1	PANELBOARD "1RA"	3	100
PD-2	PANELBOARD "1RB"	3	150
PD-3	PANELBOARD "1RC"	3	100
PD-4	PANELBOARD "1RD"	3	100
PD-5	PANELBOARD "1RE"	3	100
PD-6	PANELBOARD "1RF"	3	100
PD-7	PANELBOARD "1RG"	3	100
PD-8	SPARE	3	200
PD-9	SPARE	3	100
PD-10	SPARE	3	60

DISTRIBUTION PANELBOARD "PJ" SCHEDULE			
120/208v. - 3 phase - 4 wire			
CIRCUIT NUMBER	APPLICATION	POLES	CAPACITY IN AMPS
PJ-1	PANELBOARD "2RL"	3	100
PJ-2	PANELBOARD "2RL"	3	100
PJ-3	PANELBOARD "2RL"	3	100
PJ-4	PANELBOARD "2RL"	3	100
PJ-5	PANELBOARD "2RL"	3	100
PJ-6	PANELBOARD "2RL"	3	100
PJ-7	PANELBOARD "2RL"	3	100
PJ-8	COOLER CONDENSING UNIT	3	15
PJ-9	COOLER EVAPORATING UNIT	2	30
PJ-10	SPARE	3	200
PJ-11	SPARE	3	100
PJ-12	SPARE	3	60

DISTRIBUTION PANELBOARD "PF" SCHEDULE			
120/208v. - 3 phase - 4 wire			
CIRCUIT NUMBER	APPLICATION	POLES	CAPACITY IN AMPS
PF-1	PANELBOARD "2RA"	3	100
PF-2	PANELBOARD "2RB"	3	150
PF-3	PANELBOARD "2RC"	3	100
PF-4	PANELBOARD "2RD"	3	100
PF-5	PANELBOARD "2RE"	3	100
PF-6	PANELBOARD "2RF"	3	100
PF-7	PANELBOARD "2RG"	3	100
PF-8	PANELBOARD "2RH"	3	100
PF-9	SPARE	3	200
PF-10	SPARE	3	100
PF-11	SPARE	3	60

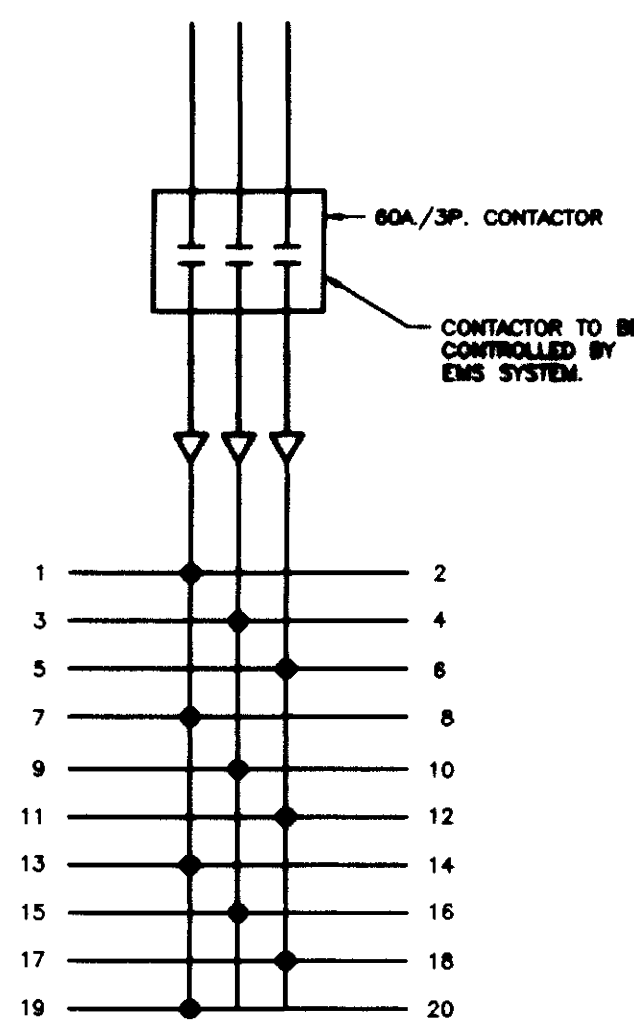
DISTRIBUTION PANELBOARD "PK" SCHEDULE			
120/208v. - 3 phase - 4 wire			
CIRCUIT NUMBER	APPLICATION	POLES	CAPACITY IN AMPS
PK-1	PANELBOARD "3RL"	3	100
PK-2	PANELBOARD "3RL"	3	100
PK-3	PANELBOARD "3RL"	3	100
PK-4	PANELBOARD "3RL"	3	150
PK-5	PANELBOARD "3RL"	3	100
PK-6	PANELBOARD "3RL"	3	100
PK-7	PANELBOARD "3RL"	3	100
PK-8	SPARE	3	200
PK-9	SPARE	3	100
PK-10	SPARE	3	60

DISTRIBUTION PANELBOARD "PG" SCHEDULE			
120/208v. - 3 phase - 4 wire			
CIRCUIT NUMBER	APPLICATION	POLES	CAPACITY IN AMPS
PG-1	PANELBOARD "3RA"	3	100
PG-2	PANELBOARD "3RB"	3	150
PG-3	PANELBOARD "3RC"	3	100
PG-4	PANELBOARD "3RD"	3	100
PG-5	PANELBOARD "3RE"	3	100
PG-6	PANELBOARD "3RF"	3	100
PG-7	PANELBOARD "3RG"	3	100
PG-8	COOLER CONDENSING UNIT	3	15
PG-9	COOLER EVAPORATING UNIT	2	30
PG-10	SPARE	3	200
PG-11	SPARE	3	100
PG-12	SPARE	3	60

DISTRIBUTION PANELBOARD "PL" SCHEDULE			
120/208v. - 3 phase - 4 wire			
CIRCUIT NUMBER	APPLICATION	POLES	CAPACITY IN AMPS
PL-1	PANELBOARD "4RL"	3	100
PL-2	PANELBOARD "4RL"	3	100
PL-3	PANELBOARD "4RL"	3	100
PL-4	PANELBOARD "4RL"	3	100
PL-5	PANELBOARD "4RL"	3	100
PL-6	PANELBOARD "4RL"	3	100
PL-7	PANELBOARD "4RL"	3	100
PL-8	COOLER CONDENSING UNIT	3	15
PL-9	COOLER EVAPORATING UNIT	2	30
PL-10	SPARE	3	200
PL-11	SPARE	3	100
PL-12	SPARE	3	60

DISTRIBUTION PANELBOARD "PH" SCHEDULE			
120/208v. - 3 phase - 4 wire			
CIRCUIT NUMBER	APPLICATION	POLES	CAPACITY IN AMPS
PH-1	PANELBOARD "4RA"	3	100
PH-2	PANELBOARD "4RB"	3	150
PH-3	PANELBOARD "4RC"	3	100
PH-4	PANELBOARD "4RD"	3	100
PH-5	PANELBOARD "4RE"	3	100
PH-6	PANELBOARD "4RF"	3	100
PH-7	PANELBOARD "4RG"	3	100
PH-8	PANELBOARD "4RH"	3	100
PH-9	SPARE	3	200
PH-10	SPARE	3	100
PH-11	SPARE	3	60

DISTRIBUTION PANELBOARD "PPC" SCHEDULE			
277/480v. - 3 phase - 4 wire			
CIRCUIT NUMBER	APPLICATION	POLES	CAPACITY IN AMPS
PPC-1	SUPPLY FAN SF-1A (40 H.P.)	3	70
PPC-2	SUPPLY FAN SF-1B (40 H.P.)	3	70
PPC-3	SUPPLY FAN SF-2A (40 H.P.)	3	70
PPC-4	SUPPLY FAN SF-2B (40 H.P.)	3	70
PPC-5	CHILLED WATER PUMP (3 H.P.)	3	15
PPC-6	CHILLED WATER PUMP (3 H.P.)	3	15
PPC-7	CHILLED WATER PUMP (3 H.P.)	3	15
PPC-8	CHILLED WATER PUMP (3 H.P.)	3	15
PPC-9	SPARE	3	100
PPC-10	SPARE	3	60
PPC-11	SPARE	3	30



PANELBOARD "LX"
NO SCALE

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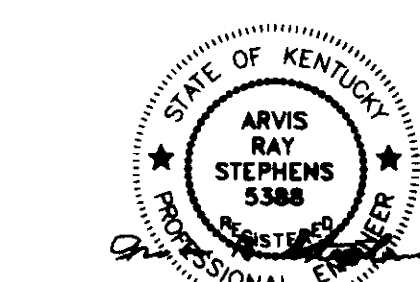
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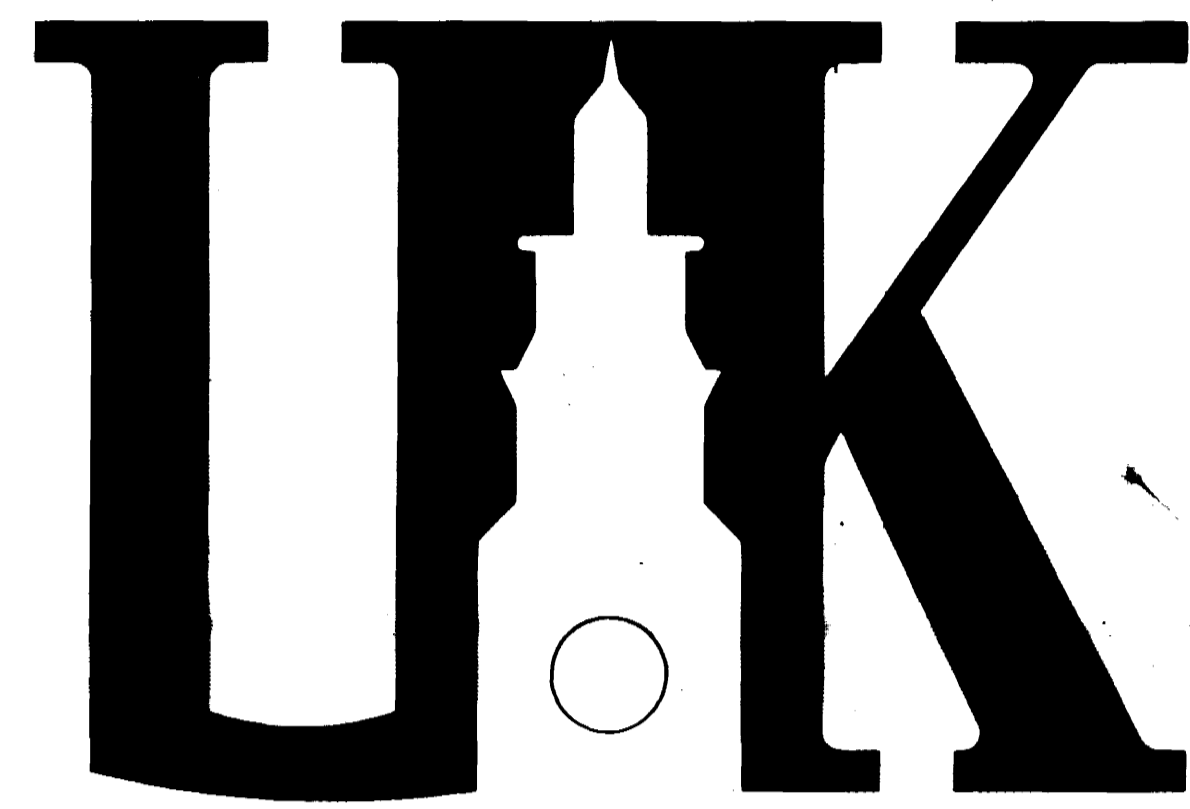
ELECTRICAL SCHEDULES

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10.81

MEDICAL RESEARCH EXPANSION SPACE

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" A TRADITION OF VALUE "

LIFE SAFETY, CIVIL & LANDSCAPE, STRUCTURAL & ARCHITECTURAL DRAWINGS

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IN ASSOCIATION WITH

CANNON
ARCHITECTS, ENGINEERS
AND PLANNERS

STAGGS AND FISHER
MECHANICAL AND ELECTRICAL
ENGINEERS

WHITE, WALKER AND MCREYNOLDS
STRUCTURAL ENGINEERS

JAMES B. EVANS
LANDSCAPE ARCHITECT

JODY L. TAYLOR
CONSULTANT

GPR PLANNERS COLLABORATIVE
PROGRAMMING CONSULTANT

SCHEDULE OF DRAWINGS

COVER SHEET

- 1.1 STANDARD SYMBOLS & ABBREVIATIONS
- 1.2 LIFE SAFETY - BASEMENT FLOOR
- 1.3 LIFE SAFETY - FIRST FLOOR
- 1.4 LIFE SAFETY - SECOND FLOOR
- 1.5 LIFE SAFETY - THIRD FLOOR
- 1.6 LIFE SAFETY - FOURTH FLOOR
- 1.7 LIFE SAFETY - PENTHOUSE FLOOR

CIVIL & LANDSCAPE

- 2.0 BASE MAP
- 2.1 SITE DEMOLITION
- 2.2 SITE IMPROVEMENT PLAN
- 2.3 SITE GRADING PLAN
- 2.4 SITE DETAILS
(REFER TO STRUCTURAL FOR RETAINING WALLS & MECHANICAL FOR SITE DRAINAGE)
- 2.5 LANDSCAPE PLANTING PLAN
- 2.6 PLANTING DETAILS
- 2.7 GEOTECHNICAL EXPLORATION
- 2.8 GEOTECHNICAL EXPLORATION
- 2.9 GEOTECHNICAL EXPLORATION

STRUCTURAL

- 3.1 BASEMENT FLOOR & FOUNDATION PLAN
- 3.2 FIRST FLOOR FRAMING PLAN
- 3.3 SECOND FLOOR FRAMING PLAN
- 3.4 THIRD FLOOR FRAMING PLAN
- 3.5 FOURTH FLOOR FRAMING PLAN
- 3.6 PENTHOUSE FLOOR & ROOF FRAMING PLAN
- 3.7 PENTHOUSE ROOF FRAMING PLAN
- 3.8 COLUMN SCHEDULE & DETAILS
- 3.9 FOUNDATION DETAILS
- 3.10 FOUNDATION DETAILS
- 3.11 CONCRETE DETAILS
- 3.12 SECTIONS & DETAILS
- 3.13 GENERAL STRUCTURAL NOTES & SECTIONS
- 3.14 SLAB REINFORCEMENT SCHEDULE & DETAILS
- 3.15 BEAM SCHEDULE
- 3.16 BEAM SCHEDULE

ARCHITECTURAL

- 4.1 PLAN - BASEMENT FLOOR
- 4.2 PLAN - FIRST FLOOR
- 4.3 PLAN - SECOND FLOOR
- 4.4 PLAN - THIRD FLOOR
- 4.5 PLAN - FOURTH FLOOR
- 4.6 PLAN - PENTHOUSE FLOOR
- 4.7 EXTERIOR ELEVATIONS - EAST & SOUTH
- 4.8 EXTERIOR ELEVATIONS - NORTH & WEST
- 4.9 BUILDING SECTIONS
- 4.10 WALL SECTIONS & DETAILS
- 4.11 SECTIONS & DETAILS
- 4.12 ROOF PLAN & DETAILS
- 4.13 WINDOW ELEVATIONS & DETAILS
- 4.14 WINDOW ELEVATIONS & DETAILS
ELEVATOR SECTIONS & DETAILS
- 5.1 ROOM FINISH SCHEDULE & DETAILS
- 5.2 ROOM FINISH SCHEDULE, INTERIOR DETAILS, PLASTIC LAMINATE DETAILS
- 5.3 DOOR & FRAME SCHEDULE
- 5.4 DOOR & FRAME SCHEDULE, ELEVATIONS & DETAILS
- 5.5 INTERIOR PARTITION TYPES
- 5.6 ENLARGED PLANS & DETAILS
- 5.7 ENLARGED PLANS, SECTIONS & DETAILS
- 5.8 STAIR SECTIONS & DETAILS
- 5.9 STAIR SECTIONS, DETAILS, MISCELLANEOUS DETAILS
- 5.10 INTERIOR PLAN - BASEMENT FLOOR, MISCELLANEOUS DETAILS
- 5.11 INTERIOR PLAN - FIRST FLOOR, MISCELLANEOUS DETAILS
- 5.12 INTERIOR PLAN - SECOND FLOOR, MISCELLANEOUS DETAILS
- 6.1 REFLECTED CEILING PLAN - BASEMENT FLOOR, MISCELLANEOUS DETAILS
- 6.2 REFLECTED CEILING PLAN - FIRST FLOOR, MISCELLANEOUS DETAILS
- 6.3 REFLECTED CEILING PLAN - SECOND FLOOR, MISCELLANEOUS DETAILS
- 6.4 REFLECTED CEILING PLAN - THIRD FLOOR, MISCELLANEOUS DETAILS
- 6.5 REFLECTED CEILING PLAN - FOURTH FLOOR, MISCELLANEOUS DETAILS
- 7.1 ENLARGED PLANS - LABS & SUPPORT AREAS
- 7.2 ELEVATIONS - LABS & SUPPORT AREAS
- 7.3 ELEVATIONS - LABS & SUPPORT AREAS
- 7.4 SOUND BATT ATTENUATION LOCATION PLANS
- 12.1 DEMOLITION & NEW WORK DRAWINGS
- 12.2 DEMOLITION PLANS & DETAILS

RECORD DRAWINGS DATE August 1992

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APPLICABLE CODES

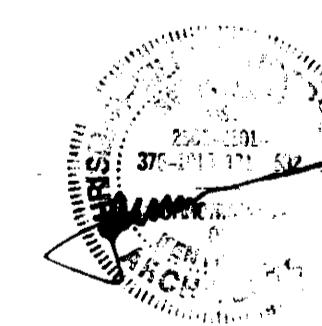
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BOCA NATIONAL MECHANICAL CODE / 1990
NFPA 70 - NATIONAL ELECTRICAL CODE / 1990
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)

STANDARDS

AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)
AMERICAN SOCIETY FOR MECHANICAL ENGINEERS (ASME)
AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)
AMERICAN WATER WORKS ASSOCIATION (AWWA)
NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA)
NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)
UNDERWRITERS' LABORATORIES (UL)

CONSTRUCTION TYPE: 1B NONCOMBUSTIBLE
USE GROUP CLASSIFICATION: B BUSINESS

SQUARE FOOTAGE 99,830 GSF
GROUND COVERAGE 18,089 SF



PROJECT NUMBER: 90240.01
DATE: DECEMBER, 1992

DocuSign
002818



ARCHITECTURE ENGINEERING INTERIOR DESIGN

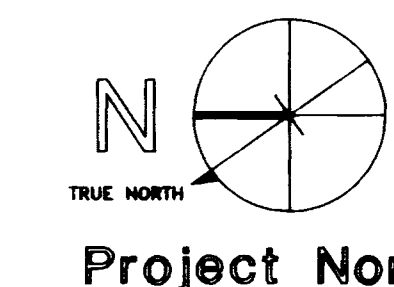
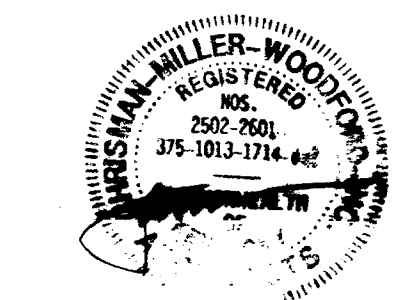
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Revision Date Issue Date Dec 92 Drawing Title

Drawn by

Checked by

Project No. Scale

Drawing No. 1.1

ABBREVIATIONS

Table of abbreviations and their meanings, organized by letter (A through Z). Includes terms like 'ANCHOR BOLT', 'CONCRETE', 'STEEL', 'GLASS', etc.

MATERIALS

Table showing material symbols and their corresponding descriptions, such as 'EARTH', 'BRICK', 'STONE', 'GLASS', 'STEEL', etc.

SYMBOLS

Table showing symbols for sections, details, elevations, and windows, including symbols like 'B 4.2', 'P 4.1', 'C 4.8', etc.

SHEET NUMBERING

Table showing sheet numbering scheme with columns for Division No. and Division Name (e.g., 1 GENERAL INFORMATION, 2 SITE DEVELOPMENT, etc.)

RECORD DRAWINGS DATE August 1985

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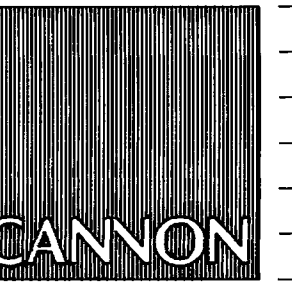
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Project information table with fields for 'UNIVERSITY OF KENTUCKY', 'Lexington, Kentucky', 'FINAL DOCUMENTS', and other project details.

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Project No. 747.0
Lexington, Kentucky



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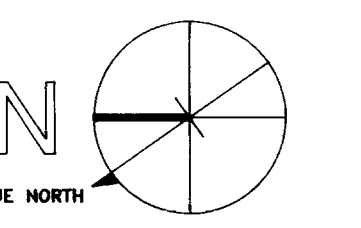
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Project North

Revision Date

Issue Date Dec. 92

Drawing Title

LIFE SAFETY PLAN
BASEMENT

Drawn by: ALD

Checked by: KVLN, JB

Project No. Scale

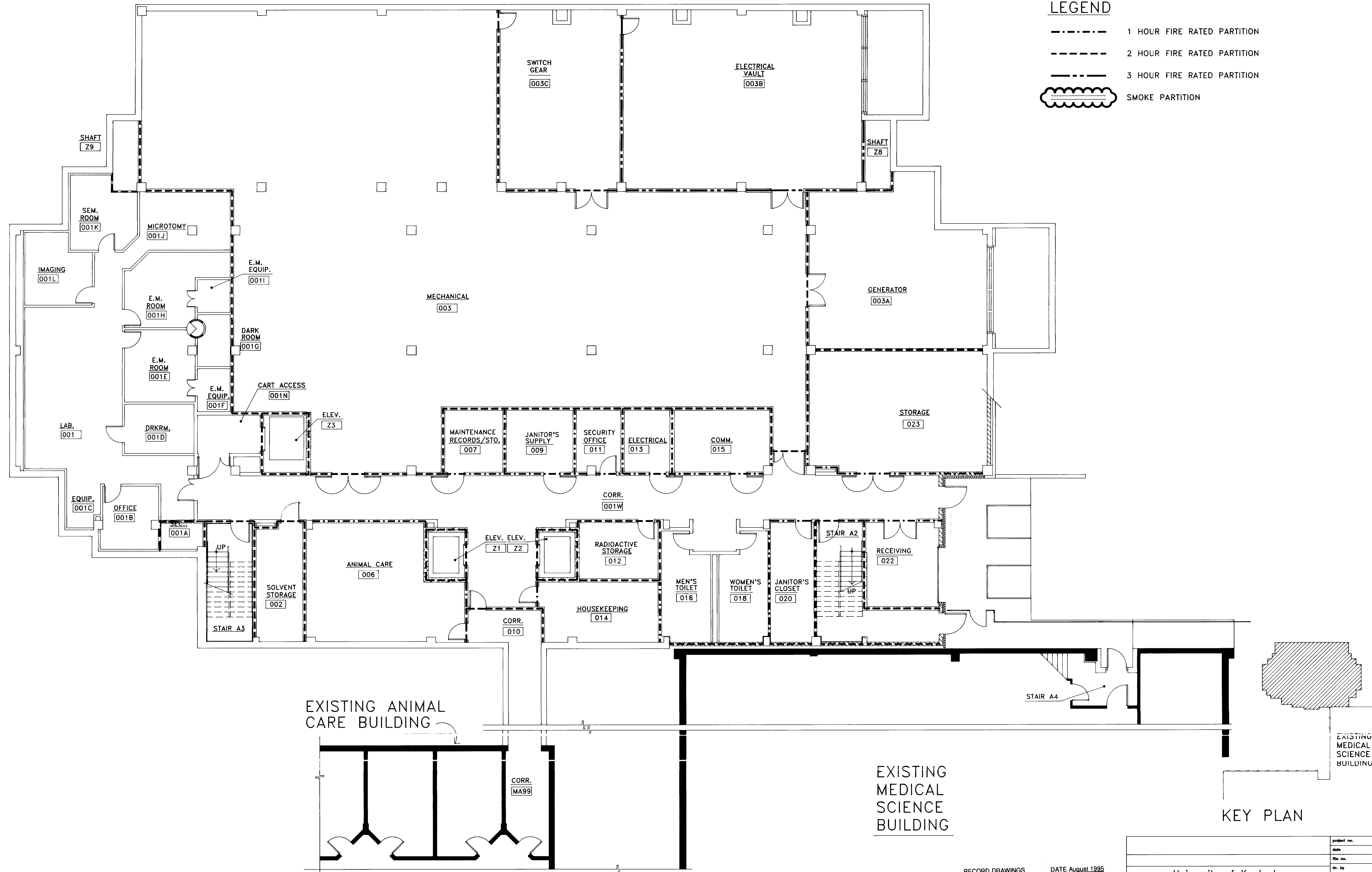
90240.01 1/8" = 1'-0"

Drawing No.

1.2

LEGEND

- 1 HOUR FIRE RATED PARTITION
- - - 2 HOUR FIRE RATED PARTITION
- 3 HOUR FIRE RATED PARTITION
- ☞ SMOKE PARTITION



LIFE SAFETY PLAN -
BASEMENT FLOOR
SCALE: 1/8" = 1'-0"

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approved by	University of Kentucky Lexington, Kentucky
FINAL DOCUMENTS	
designer - design and construction division	date

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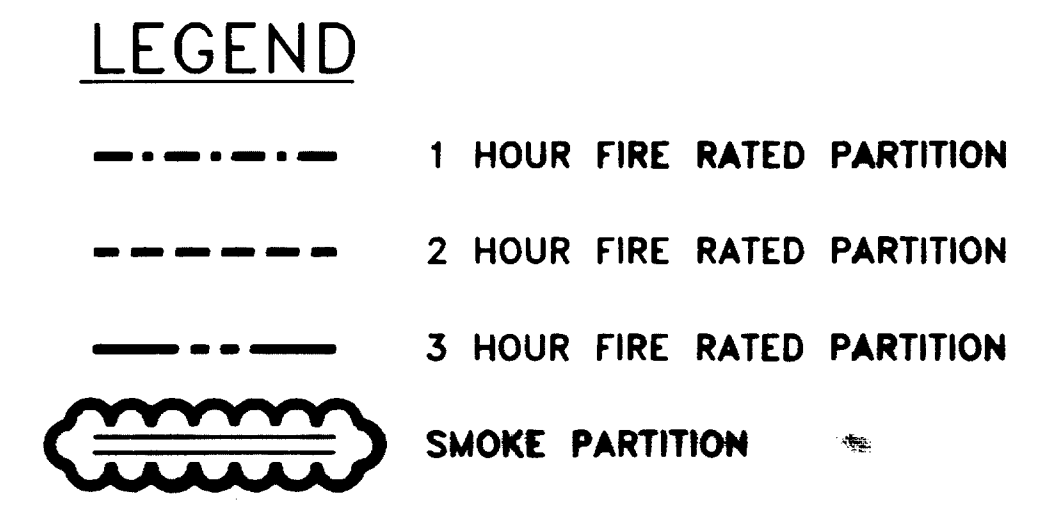
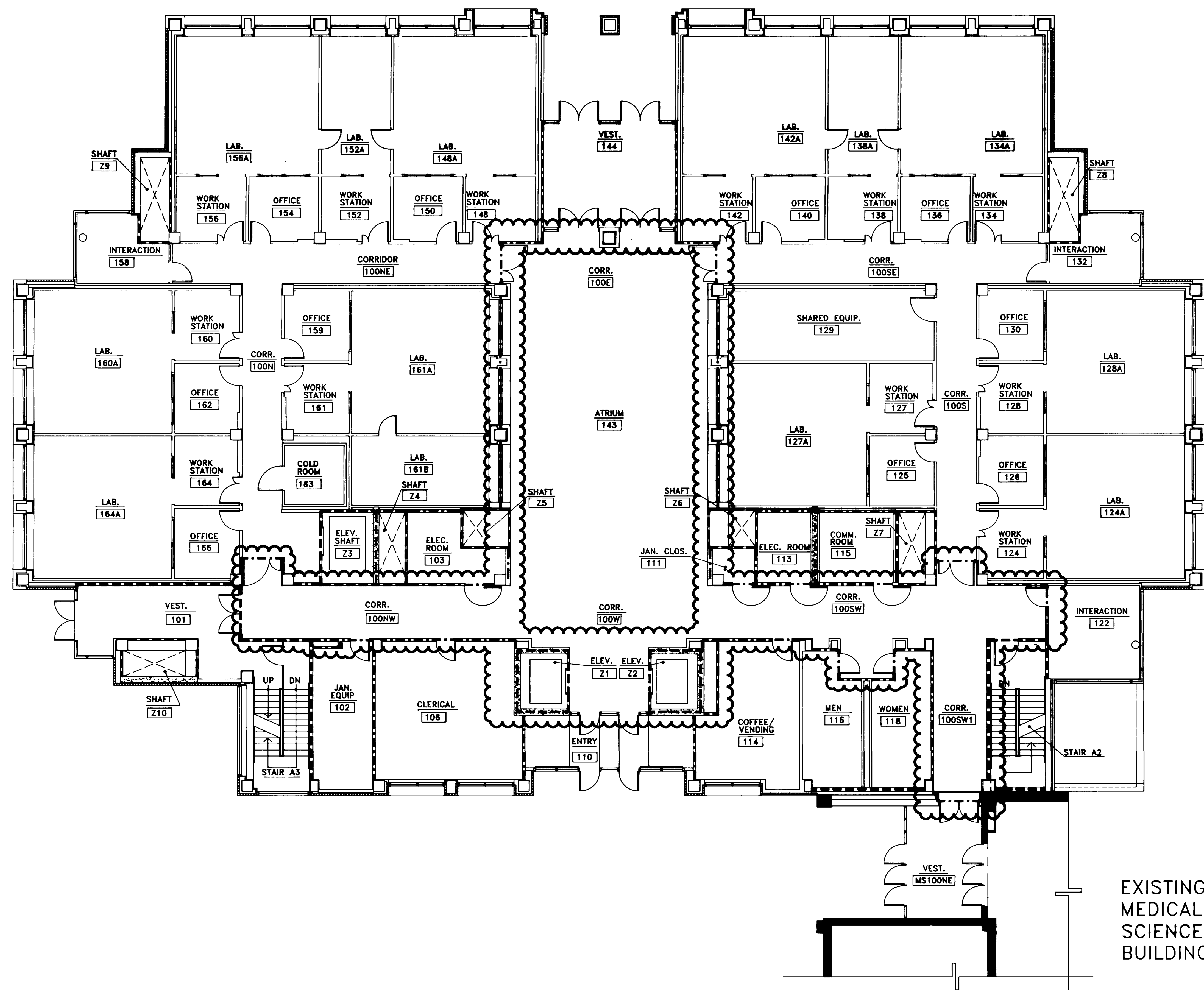
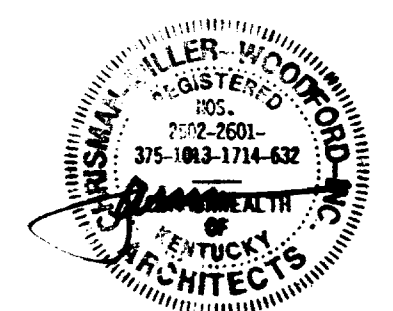
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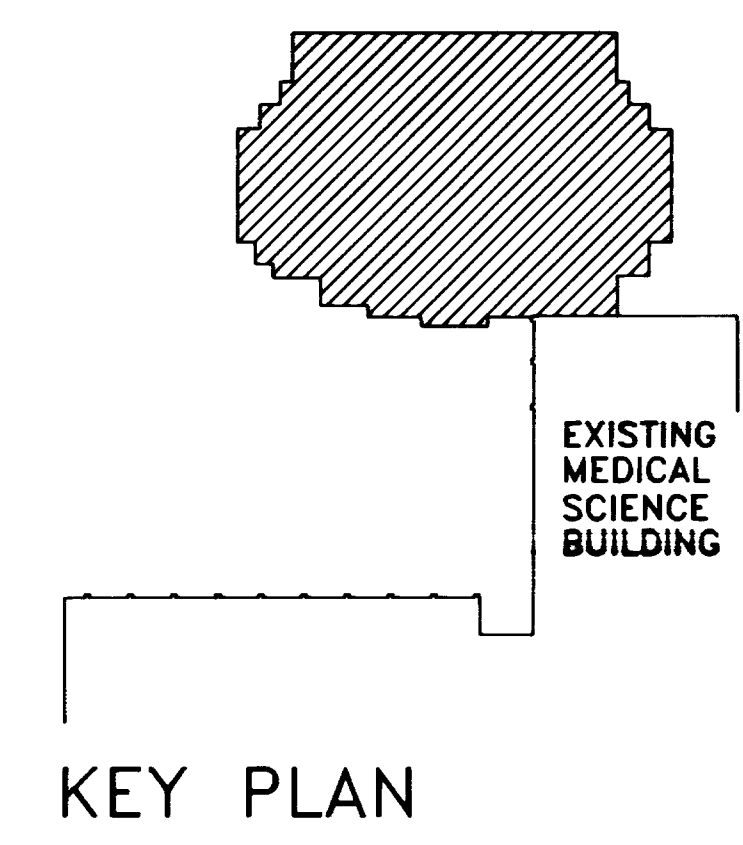
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EXISTING MEDICAL SCIENCE BUILDING



LIFE SAFETY PLAN - FIRST FLOOR
 SCALE: 1/8" = 1'-0"

University of Kentucky Lexington, Kentucky	project no.	
FINAL DOCUMENTS	date	
	des. by	
	ch. by	
	title	
	drawing no.	

Revision	Date
Issue Date	Dec. 92
Drawing Title	LIFE SAFETY PLAN FIRST FLOOR
Drawn by:	ALD
Checked by:	KVLM, JB
Project No.	Scale
90240.01	1/8" = 1'-0"
Drawing No.	1.3

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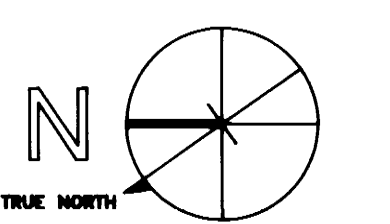
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Project North

Revision	Date
Issue	Dec. 92

Drawing Title
**LIFE SAFETY PLAN
 SECOND FLOOR**

Drawn by: ALD

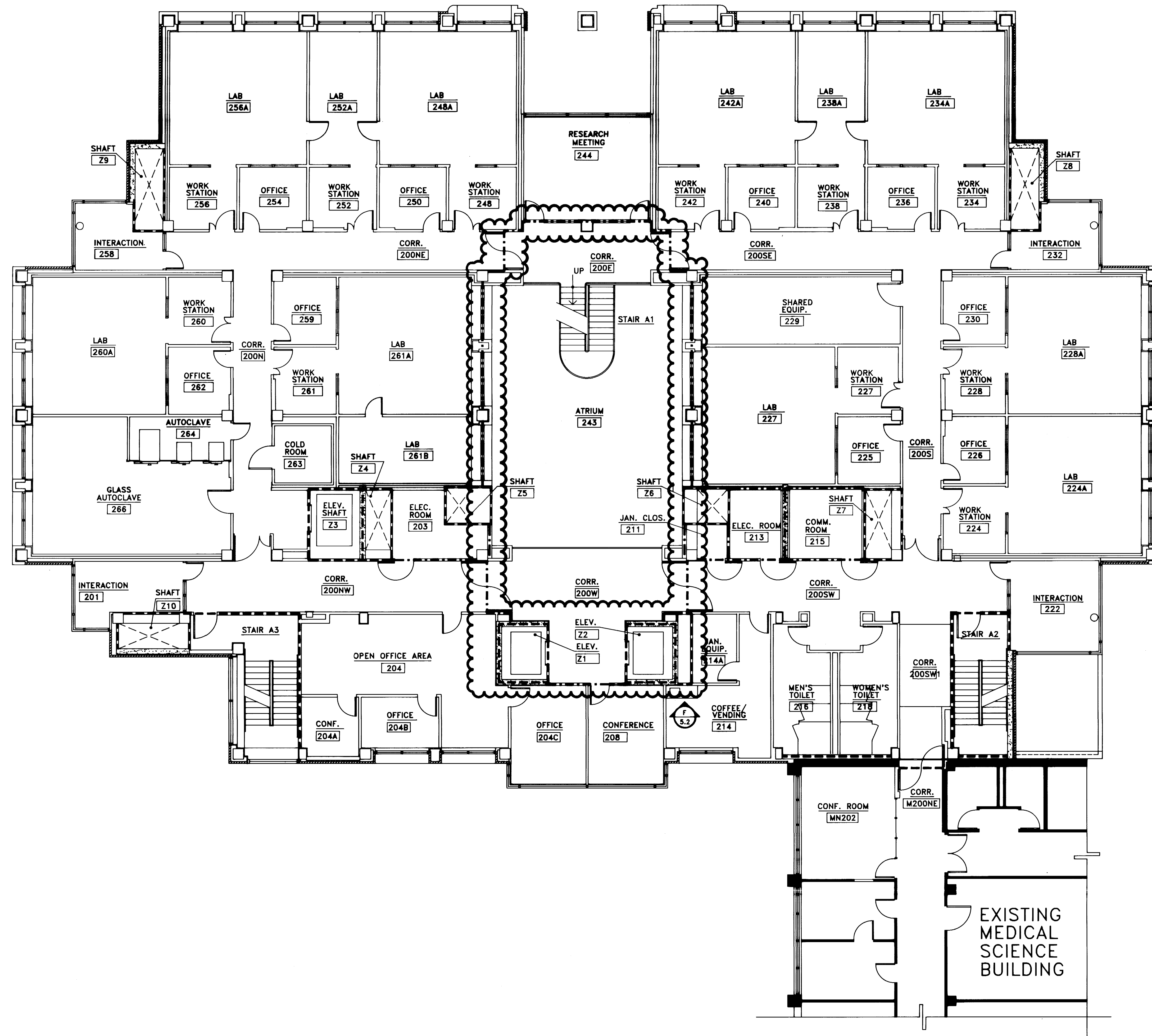
Checked by: KVLW, JB

Project No. Scale
 90240.01 1/8" = 1'-0"

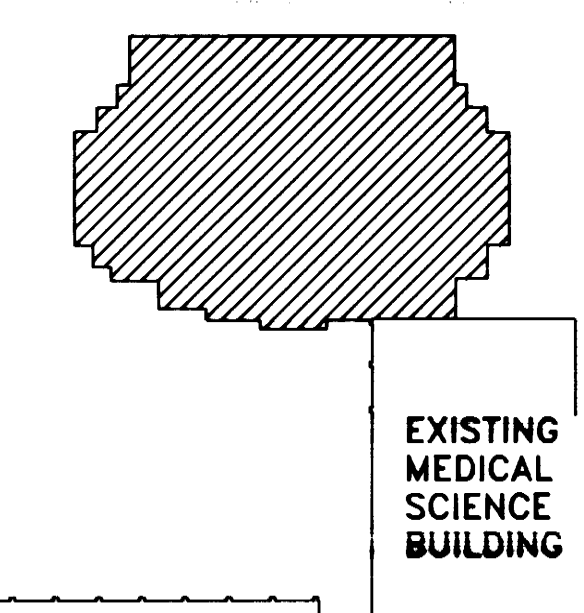
Drawing No.
1.4

LEGEND

- 1 HOUR FIRE RATED PARTITION
- 2 HOUR FIRE RATED PARTITION
- 3 HOUR FIRE RATED PARTITION
- ☞ SMOKE PARTITION



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KEY PLAN

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approved by FINAL DOCUMENTS	date

LIFE SAFETY PLAN -
 SECOND FLOOR
 SCALE: 1/8" = 1'-0"

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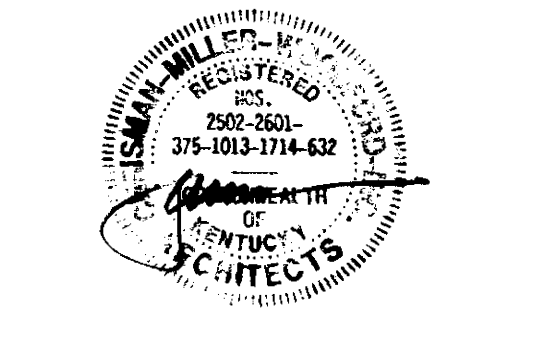
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Revision	Date
Issue	Dec. 92
Drawing Title	
LIFE SAFETY PLAN	
THIRD FLOOR	

Drawn by: ALD

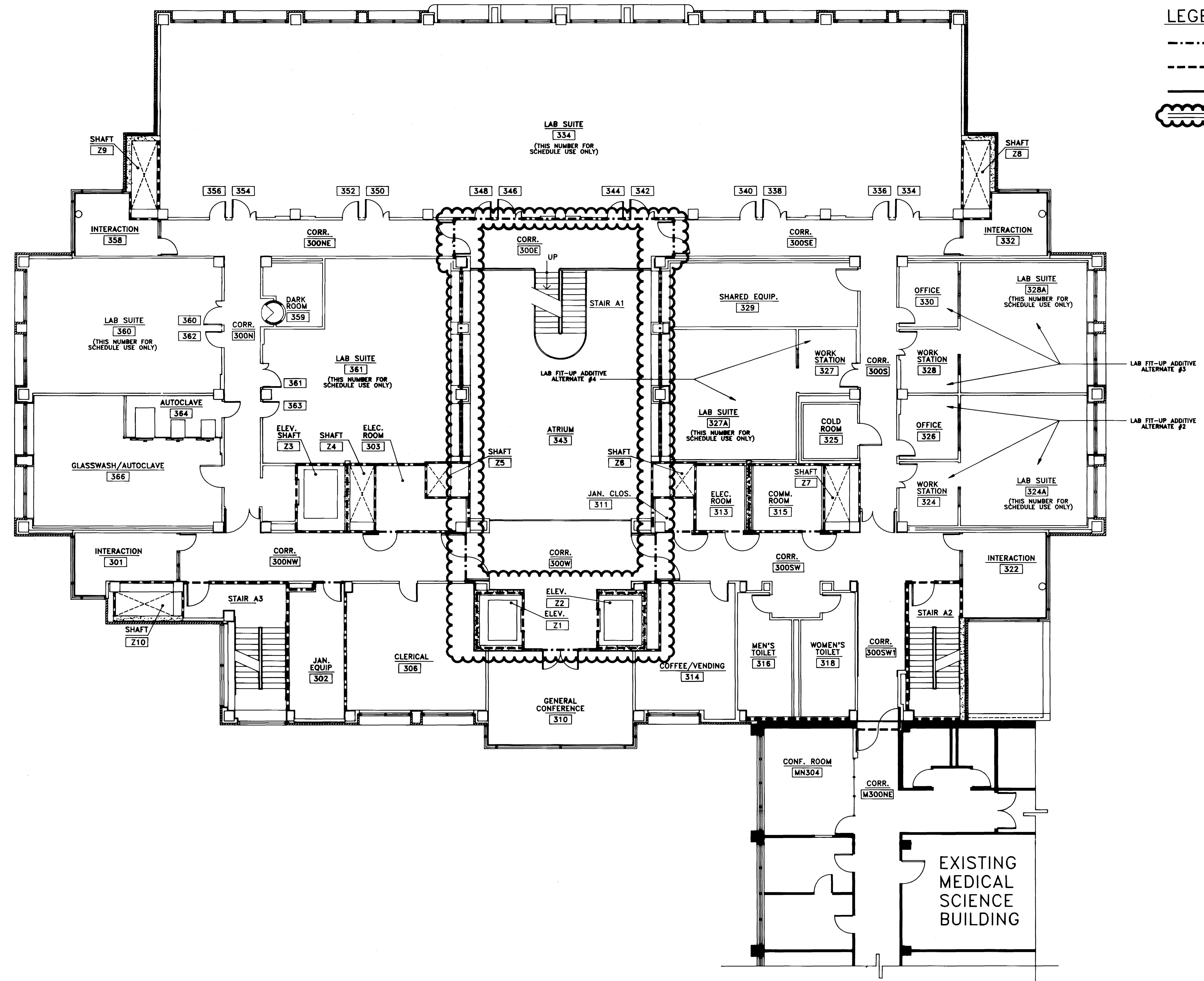
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Project No. 90240.01 Scale 1/8" = 1'-0"

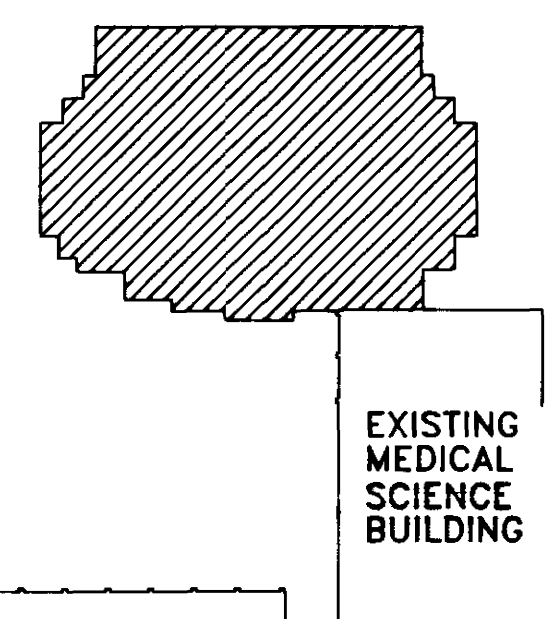
Drawing No. 1.5

LEGEND

- 1 HOUR FIRE RATED PARTITION
- 2 HOUR FIRE RATED PARTITION
- 3 HOUR FIRE RATED PARTITION
- ☞ SMOKE PARTITION



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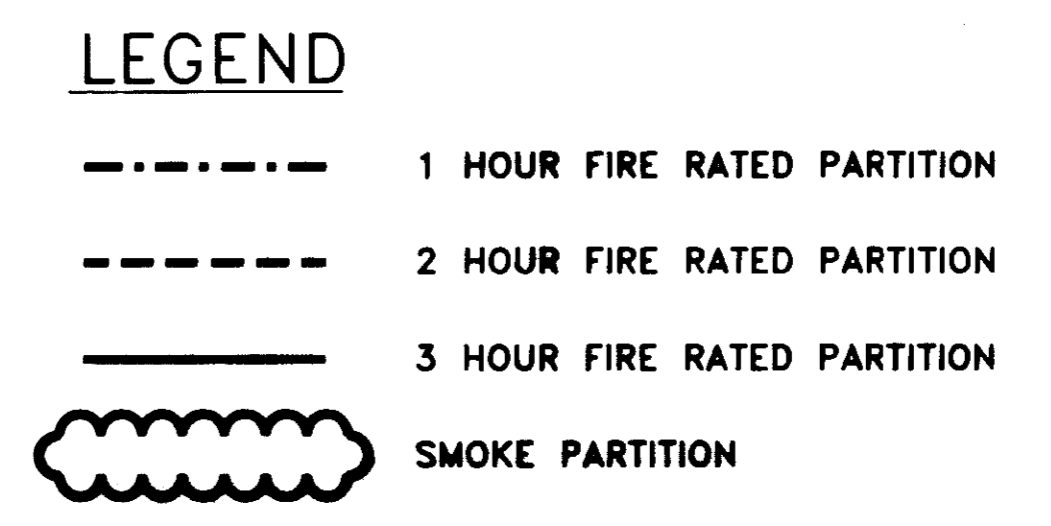
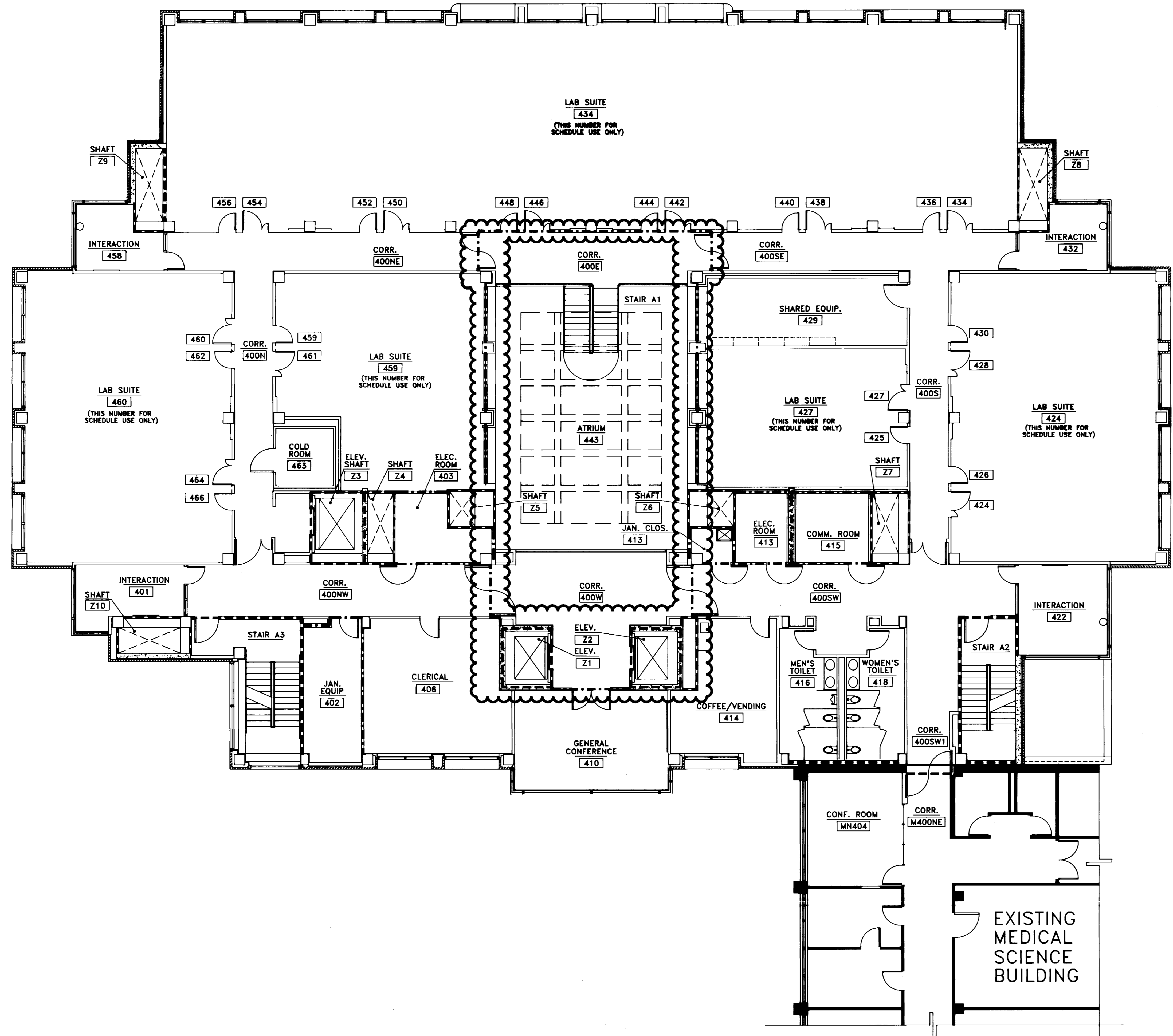


KEY PLAN

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University of Kentucky	Lexington, Kentucky

LIFE SAFETY PLAN - THIRD FLOOR
 SCALE: 1/8" = 1'-0"

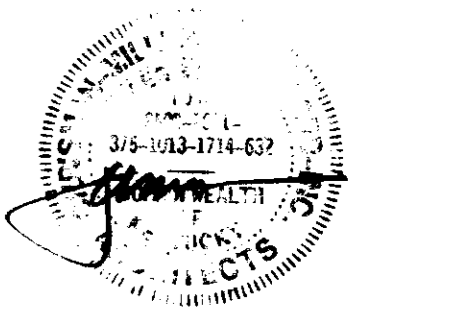
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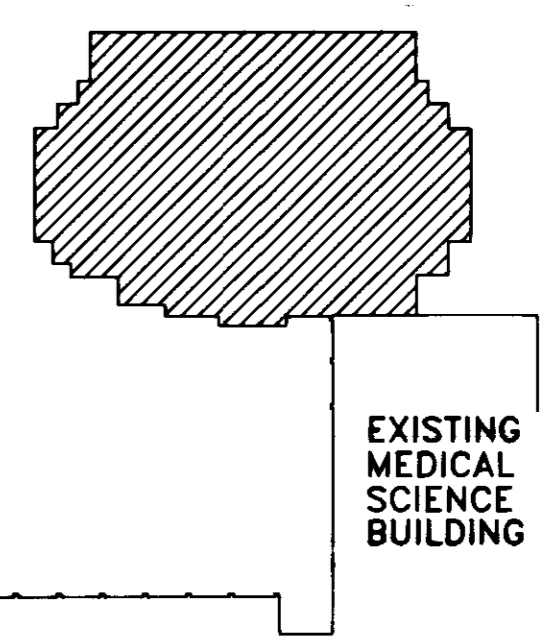
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KEY PLAN

LIFE SAFETY PLAN - FOURTH FLOOR
 SCALE: 1/8" = 1'-0"

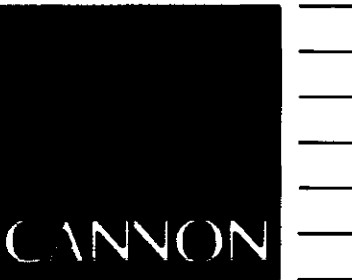
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Issue Date Dec. 92	
Drawing Title	
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FOURTH FLOOR	
Drawn by: ALD	
Checked by: KVLM, JB	
Project No. Scale	90240.01 1/8" = 1'-0"
Drawing No.	1.6

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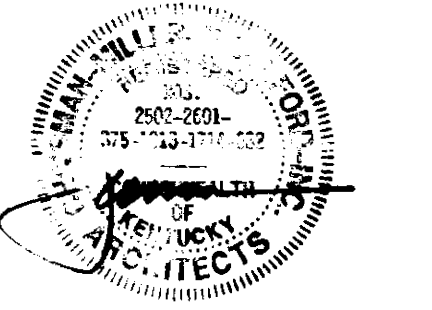
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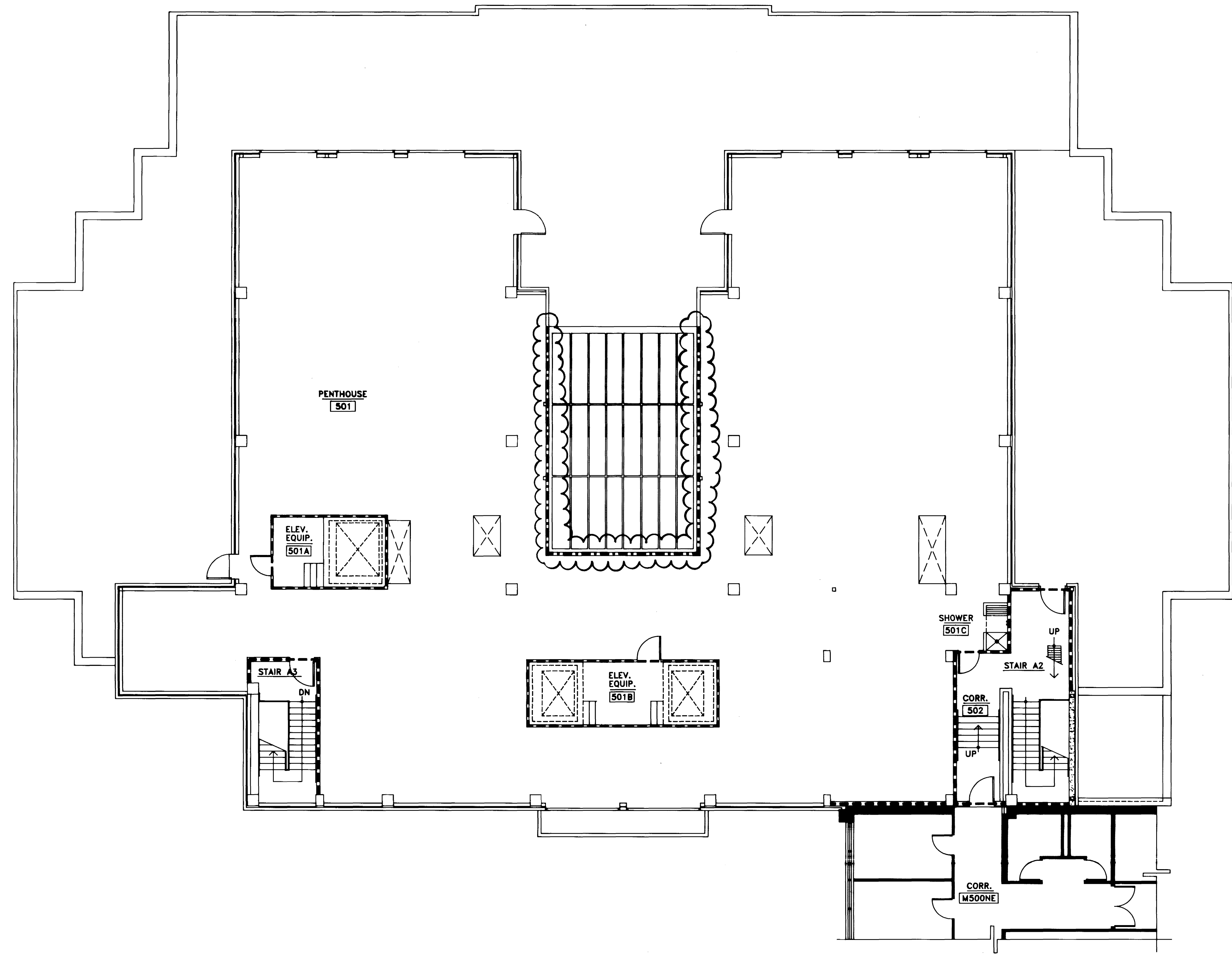
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LEGEND

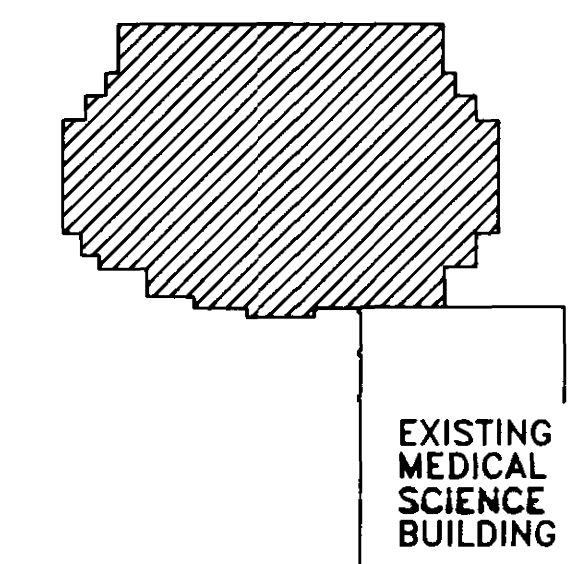
- 1 HOUR FIRE RATED PARTITION
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- 3 HOUR FIRE RATED PARTITION
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KEY PLAN

LIFE SAFETY PLAN -
 PENTHOUSE FLOOR
 SCALE: 1/8" = 1'-0"

EXISTING MEDICAL
 SCIENCE BUILDING

University of Kentucky Lexington, Kentucky	project no.
	date
	des. by
	ch. by
	revision
	drawing no.
approved by FINAL DOCUMENTS	date
drawn - design and construction details	date

Revision	Date
Issue Date	Dec. 92
Drawing Title	

LIFE SAFETY PLAN
 PENTHOUSE FLOOR

Drawn by: ALD

Checked by: KVLW, JB

Project No. Scale
 90240.01 1/8" = 1'-0"

Drawing No.
 1.7

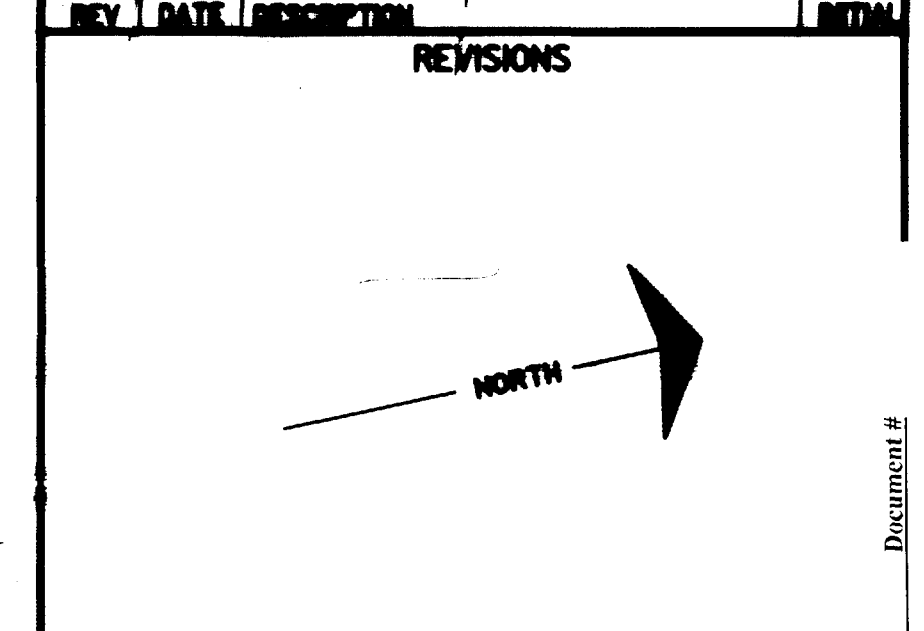
Sheet
 A-2
 00023



LEGEND	
+	GRID TICK AND COORDINATES
—	PAVED STREET
- - -	UNPAVED STREET/PARKING
▭	BUILDING
○	STORAGE TANK
—	FENCE
○	ANTENNA
□	PAVED AREA
▭	RECREATIONAL AREA
—	STREAM/CREEK/DITCH
—	GUARDRAIL
—	TREE COVER
—	VEGETATION COVER
○	INDIVIDUAL TREE/SHRUB
+	SIGN AND BILLBOARD
+	FLAG POLE
—	INTERMEDIATE AND INDEX CONTOURS
—	DEPRESSION CONTOUR
—	QUESTIONABLE CONTOUR
x 53.3	SPOT ELEVATION
—	HEADWALL AND PIPE END
—	CATCH BASIN
—	UNDERGROUND COMMUNICATIONS LINE
—	SANITARY SEWER LINE
—	HPS HIGH PRESSURE STEAM LINE
—	SD STORM DRAINAGE LINE
—	W WATER LINE
—	FP FIRE PROTECTION LINE
—	GAS LINE
—	OVERHEAD ELECTRIC LINE
—	UNDERGROUND ELECTRIC LINE
○	ELECTRIC MANHOLE
○	COMMUNICATIONS MANHOLE
○	MANHOLE
○	STORM DRAINAGE MANHOLE
○	SANITARY SEWER MANHOLE
○	UTILITY TUNNEL MANHOLE
○	VENT
▲	SANITARY SEWER MARKER
▲	STORM DRAINAGE MARKER
▲	WATER MARKER
▲	ELECTRIC MARKER
▲	COMMUNICATIONS MARKER
▲	GAS MARKER
▲	HIGH PRESSURE STEAM MARKER
+	FIRE HYDRANT
+	WATER VALVE
+	WATER METER
+	GAS VALVE
+	GAS METER
+	LIGHT POLE
+	POWER POLE
+	GENERATOR
○	LOCATED OBJECT

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REV	DATE	DESCRIPTION	INITIAL



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 PROJECT NO. 747.0

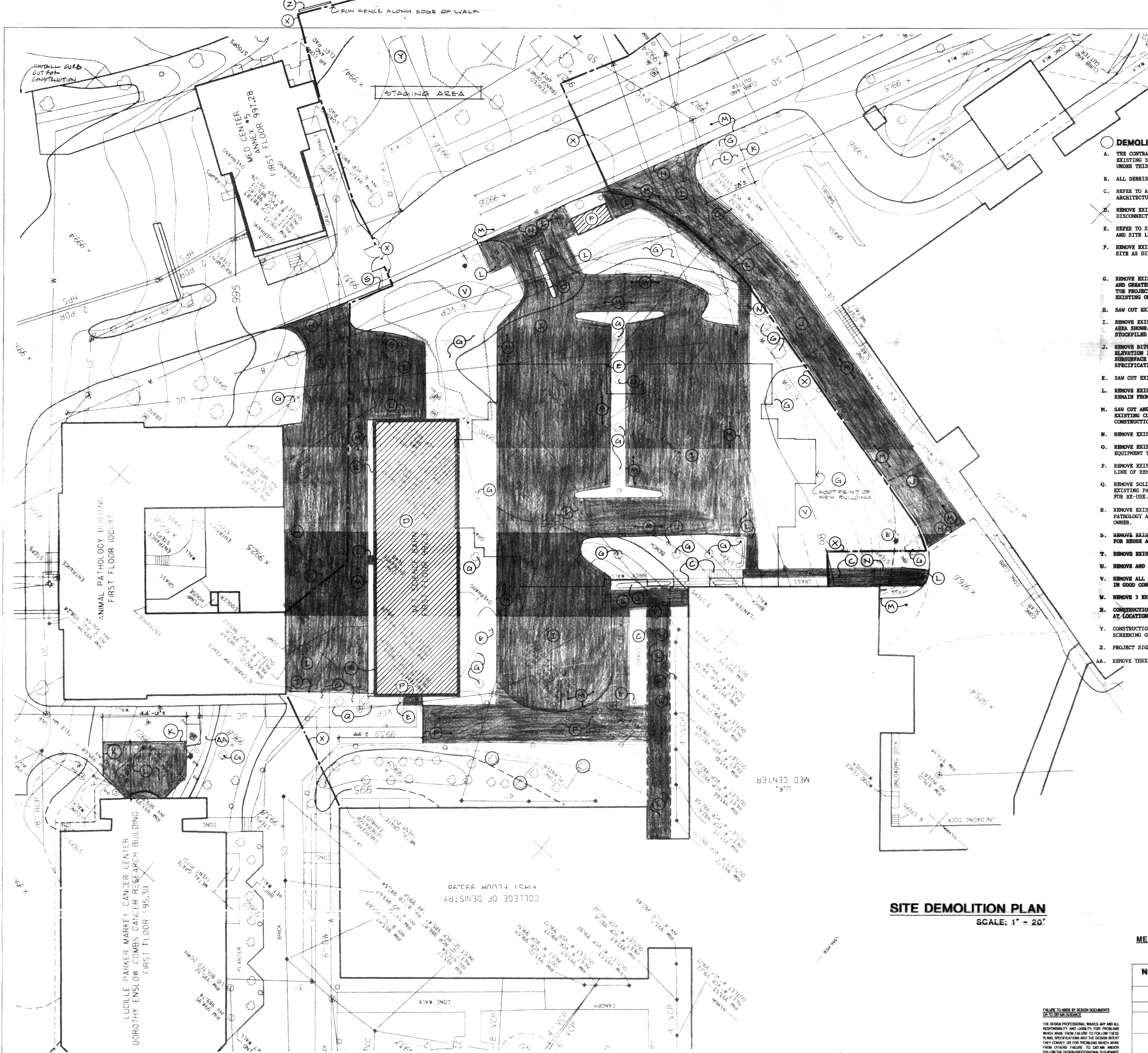
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UNIVERSITY OF KENTUCKY
 MEDICAL CENTER
 BASE MAP
 LEXINGTON, KENTUCKY

SCALE: 1 INCH = 30 FEET DATE: APRIL, 1998
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SHEET



- DEMOLITION NOTES**
- A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ANY EXISTING SITE FEATURES TO REMAIN THAT ARE DAMAGED DURING CONSTRUCTION UNDER THIS CONTRACT.
 - B. ALL DEBRIS FROM DEMOLITION OPERATIONS SHALL BE REMOVED FROM SITE.
 - C. REFER TO ARCHITECTURAL SHEET 12.1 FOR DETAIL ITEMS RELATIVE TO ARCHITECTURAL DEMOLITION.
 - D. REMOVE EXISTING BRICK BARN AND FOUNDATION. REFER TO M&E DRAWINGS FOR DISCONNECTION AND CAPPING OF UTILITIES.
 - E. REFER TO SITE UTILITY DRAWING(S) FOR DEMOLITION OF EXISTING SITE UTILITIES AND SITE LIGHTING.
 - F. REMOVE EXISTING BUS SHELTER FOR RELOCATION WITHIN A ONE MILE RADIUS OF THE SITE AS DIRECTED BY THE OWNER.
 - G. REMOVE EXISTING TREE OR SHRUB, TYPICAL. GRUB OUT ALL ROOTS 4" IN DIAMETER AND GREATER TO A MINIMUM DEPTH OF 18". REMOVE ALL TREES AND SHRUBS WITHIN THE PROJECT AREA NOT DESIGNATED TO REMAIN. GRUB OUT ALL TREE STUMPS EXISTING ON THE SITE.
 - H. SAW CUT EXISTING BITUMINOUS PAVEMENT ALONG LINES SHOWN PRIOR TO REMOVAL.
 - I. REMOVE EXISTING BITUMINOUS PAVEMENT AND AGGREGATE BASE FULL DEPTH, FROM AREA SHOWN. D.G.A. BASE MATERIAL, FREE FROM FOREIGN MATERIALS, MAY BE STOCKPILED FOR REUSE.
 - J. REMOVE BITUMINOUS SURFACE COURSE ONLY WHERE THE PROPOSED SERVICE DRIVE ELEVATION IS HIGHER THAN THE EXISTING ELEVATION. VERIFY APPROPRIATE SUBSURFACE ELEVATION TO MEET REQUIREMENTS OF DETAIL M/2.4 AND SPECIFICATIONS.
 - K. SAW CUT EXISTING CONCRETE PAVEMENT ALONG EXISTING JOINT PRIOR TO REMOVAL.
 - L. REMOVE EXISTING CONCRETE PAVEMENT AS SHOWN. PROTECT EXISTING PAVEMENT TO REMAIN FROM DAMAGE DURING DEMOLITION AND NEW CONSTRUCTION.
 - M. SAW CUT AND REMOVE EXISTING CONCRETE CURB OR CURB AND GUTTER. PROTECT EXISTING CURB TO REMAIN FROM DAMAGE DURING DEMOLITION AND NEW CONSTRUCTION.
 - N. REMOVE EXISTING CONCRETE STEPS AND HANDRAILS.
 - O. REMOVE EXISTING ISLAND AND AUTOMATIC PARKING GATE. DELIVER SALVAGEABLE EQUIPMENT TO MEDICAL CENTER PFD.
 - P. REMOVE EXISTING UNIT PAVERS TO APPROXIMATE LINE INDICATED. DO NOT SAW CUT LINE OF REMOVAL. REMOVE WHOLE UNITS. STOCK-PILE PAVERS FOR RE-USE.
 - Q. REMOVE SOLDIER COURSE UNIT PAVEMENT AND METAL EDGING FROM EDGE OF EXISTING PAVERS TO REMAIN WHERE NEW PAVEMENT IS PROPOSED. SALVAGE PAVERS FOR RE-USE.
 - R. REMOVE EXISTING SIGNS FROM SIDE OF BARN AND RELOCATE TO WALL OF ANIMAL PATHOLOGY AS DIRECTED BY UNIVERSITY OF KENTUCKY. DELIVER EXTRA SIGNS TO OWNER.
 - S. REMOVE EXISTING WHEEL STOPS WITHIN PROJECT AREA. STOCK FILE ELEVEN UNITS FOR REUSE AND DELIVER REMAINING UNBROKEN UNITS TO THE OWNER.
 - T. REMOVE EXISTING CHAIN LINK FENCE.
 - U. REMOVE AND SCRAP EXISTING BENCH.
 - V. REMOVE ALL EXISTING TRASH RECEPTACLES AND PICNIC TABLES, DELIVER TO OWNER IN GOOD CONDITION.
 - W. REMOVE 3 EXISTING BIKE RACKS, DELIVER TO OWNER IN GOOD CONDITION.
 - X. CONSTRUCTION FENCE, PER SPECIFICATIONS. PROVIDE 12'-0" WIDE DOUBLE GATE AT LOCATION SHOWN FOR CONSTRUCTION ACCESS.
 - Y. CONSTRUCTION STAGING AREA. PROTECT AND PRESERVE EXISTING PINE TREES FOR SCREENING OF THIS AREA DURING CONSTRUCTION.
 - Z. PROJECT SIGN, PER SPECIFICATIONS.
 - AA. REMOVE THREE (3) EXISTING EUDONYMUS SHRUBS AS DIRECTED BY ARCHITECT.

SITE DEMOLITION PLAN
SCALE: 1" = 20'

RECORD DRAWINGS
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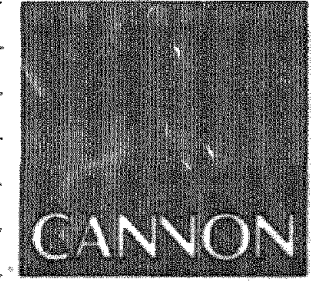
NOTE: ITEMS TO REMAIN ARE INDICATED ON SHEET 2.2

prepared by	date
checked by	date
drawn by	date
approved by	date

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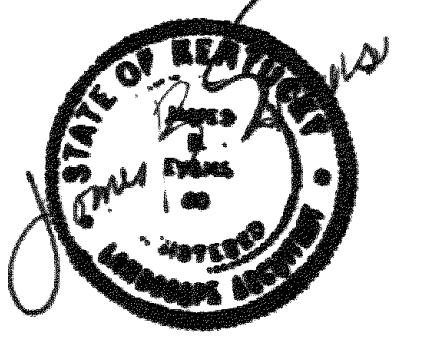
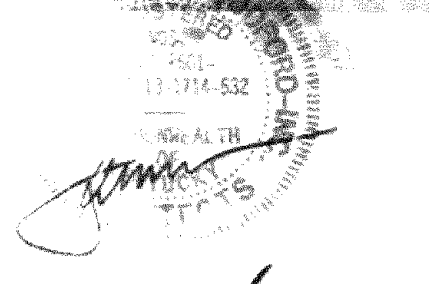


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606-254-1887 606-254-1888



Revision	Date
Issue Date	DEC-92
Drawing Title	SITE DEMOLITION PLAN
Drawn by	RKS
Checked by	JBE
Project No.	Scale
747.0	1" = 20'
Drawing No.	
	2.1



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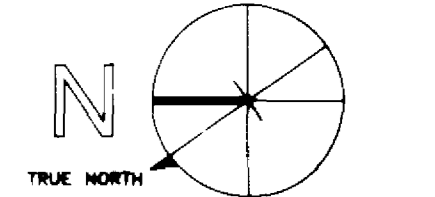
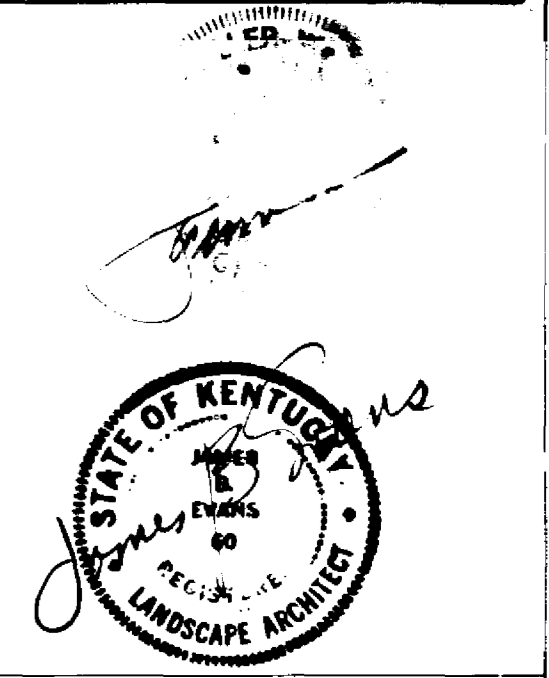


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Project North

Revision	Date

Drawing Title
SITE IMPROVEMENT PLAN

Drawn by **ELK**
Checked by **JRE**

Project No. **747.0** Scale **1" = 20'**
Drawing No. **2.2**

LEGEND

- NOTE KEY
 CENTERLINE
 EXPANSION JOINT
 TOP OF CURB
 BOTTOM OF CURB
 TOP OF WALL
 EXISTING SPOT ELEVATION
 PROPOSED SPOT ELEVATION
 EXISTING CONTOUR
 PROPOSED CONTOUR
 SECTIONAL DRAINAGE ARROW
 EXISTING MANHOLE
 EXISTING DRAIN INLET
 PROPOSED DRAIN INLET

SITE IMPROVEMENT NOTES

- EXISTING UNIT PAVERS TO REMAIN.
- EXISTING TREE PLANTERS TO REMAIN.
- EXISTING BITUMINOUS PAVEMENT TO REMAIN.
- EXISTING CONCRETE PAVEMENT TO REMAIN.
- EXISTING CONCRETE CURB TO REMAIN.
- EXISTING CONCRETE WALL TO REMAIN.
- APPROXIMATE LIMIT OF ANIMAL CARE FACILITY BASINMENT.
- EXISTING TREE TO REMAIN.
- NEW BITUMINOUS PAVEMENT, PER DETAIL B/2.4.
- LIMIT OF NEW BITUMINOUS PAVEMENT.
- NEW 8" THICK CONCRETE ENTRANCE APRON (MATCH ENTRANCE APRONS AT V.A. HOSPITAL), SCORE AS SHOWN. TOOLED JOINTS TO MATCH JOINTS IN 4" POINT. INCREASE JOINT DEPTH TO 2" DEEP BY DRAWING.
- NEW 4" THICK CONCRETE PAVEMENT, PER DETAIL C/2.4. SCORE AS SHOWN.
- NEW 6" CONCRETE CURB AND GUTTER, PER DETAIL A/2.4.
- NEW 3" CONCRETE LIP CURB AND GUTTER, PER DETAIL D/2.4.
- TRANSITION FROM 3" LIP CURB TO 6" CURB IN 6 LINEAL FEET OF CURB LENGTH.
- END OF NEW CONCRETE CURB AND GUTTER.
- END OF NEW CONCRETE CURB AND GUTTER, MEET AND MATCH EXISTING CURB.
- END OF NEW CONCRETE CURB AND GUTTER, TAPER TO 1" HT. IN 6 LF.
- NO CURB REQUIRED AT THIS EDGE OF PAVEMENT.
- DROP CURB FOR HANDICAP ACCESS.
- REUSE SALVAGED PAVERS IN THIS AREA. ANY REMAINING SALVAGED PAVERS TO BE DELIVERED TO THE UNIVERSITY.
- NEW CONCRETE UNIT PAVERS, COLOR AND PATTERN NO. 1. 4" x 8" x 2 1/8"
- NEW CONCRETE UNIT PAVERS, COLOR AND PATTERN NO. 2. 4" x 6" x 2 1/8"
- NEW CONCRETE UNIT PAVERS, COLOR AND PATTERN NO. 3. 4" x 8" x 4 3/8"
- ADJUST ALIGNMENT OF CURB AND GUTTER IN FIELD AS NECESSARY TO AVOID CONFLICT WITH EXISTING MANHOLE. CONFIRM ANY REALIGNMENT WITH ARCHITECT.
- NEW BIKE RACK, TYPICAL OF THREE. ANCHOR TO NEW PAVEMENT PER SPECIFICATIONS.
- RELOCATED WHEELSTOPS. SECURE TO PAVEMENT WITH TWO #5 BARS EACH.
- NEW STORM DRAINAGE STRUCTURE. SEE SITE UTILITY SHEET.
- NEW CONCRETE RETAINING WALL, SEE STRUCTURAL DRAWINGS.
- WEEPHOLE DRAIN, SEE DETAIL K/2.4.
- STRIPE PARKING SPACES AND AISLES, PER SPECIFICATIONS, AS INDICATED.
- NEW LOADING DOCK, SEE ARCHITECTURAL DRAWINGS.
- PROVIDE FULL MASTIC WATER PROOFING FROM ONE FOOT BELOW EXISTING GRADE UP TO ELEVATION OF PROPOSED GRADE ON SIDE OF EXISTING BUILDING. SEE SPECIFICATIONS, DIVISION 7.
- PROVIDE TACTILE (DETECTABLE) WARNING PAVEMENT CONSISTING OF UNIT PAVERS PER SPECIFICATIONS. INSTALL PER DETAIL E/2.4.
- NEW 8" THICK CONCRETE PAVEMENT. FINISH AND SCORING TO MATCH SURROUNDING EXISTING PAVEMENT. JOINT DEPTH 2" MINIMUM.
- APPROXIMATE LIMITS OF UNDERGROUND TUNNEL.
- PROVIDE 15 LINEAL FEET OF RAILING AT TOP OF WALL ABOVE AREAWAY TO MATCH DETAIL I/3.7, WITH POSTS AT 5' O.C.2. SHOP DRAWINGS REQUIRED. FINISH PER SPECIFICATIONS.
- DRAIN INLETS IN UNIT PAVEMENT SHALL BE SET SQUARE WITH THE SURROUNDING PAVERS AND ON THE PAVEMENT MODULE SO THAT NO PAVERS SHALL BE CUT INTO PIECES SMALLER THAN ONE-HALF UNIT. GRINDING OF PAVEMENT EDGES SURROUNDING DRAINS SHALL BE REQUIRED TO FIT THE 12 1/2" DRAIN FRAME INTO THE PAVEMENT MODULE.

SPECIAL LAYOUT NOTES

- THE CENTERLINE OF THE NEW SERVICE DRIVE SHALL BE SET 11'-4" OFF THE FACE OF THE EXISTING RETAINING WALL ON THE NORTH SIDE OF THE V.A. HOSPITAL. STATION 0+00 OF THE CENTERLINE IS SET AT THE FRONT FACE OF THE EXISTING CURB OF V.A. DRIVE.
- THE NEW CURB LINE OF V.A. DRIVE IN FRONT OF THE NEW MEDICAL RESEARCH EXPANSION SPACE BUILDING SHALL BE ALIGNED AS AN EXTENSION OF THE EXISTING CURB LINE IN FRONT OF THE ADJOINING V.A. HOSPITAL AND SHALL BLEND SMOOTHLY INTO THE EXISTING CONDITIONS AT THE ANIMAL PATHOLOGY PARKING LOT. THIS LINE SHALL BE STAKED IN THE FIELD FOR APPROVAL OF THE ARCHITECT PRIOR TO INSTALLING CURB.
- THE NEW BUILDING SHALL BE LOCATED AGAINST THE EXISTING BUILDING WALL AS SHOWN ON THE STRUCTURAL AND ARCHITECTURAL DRAWINGS.

RECORD DRAWINGS
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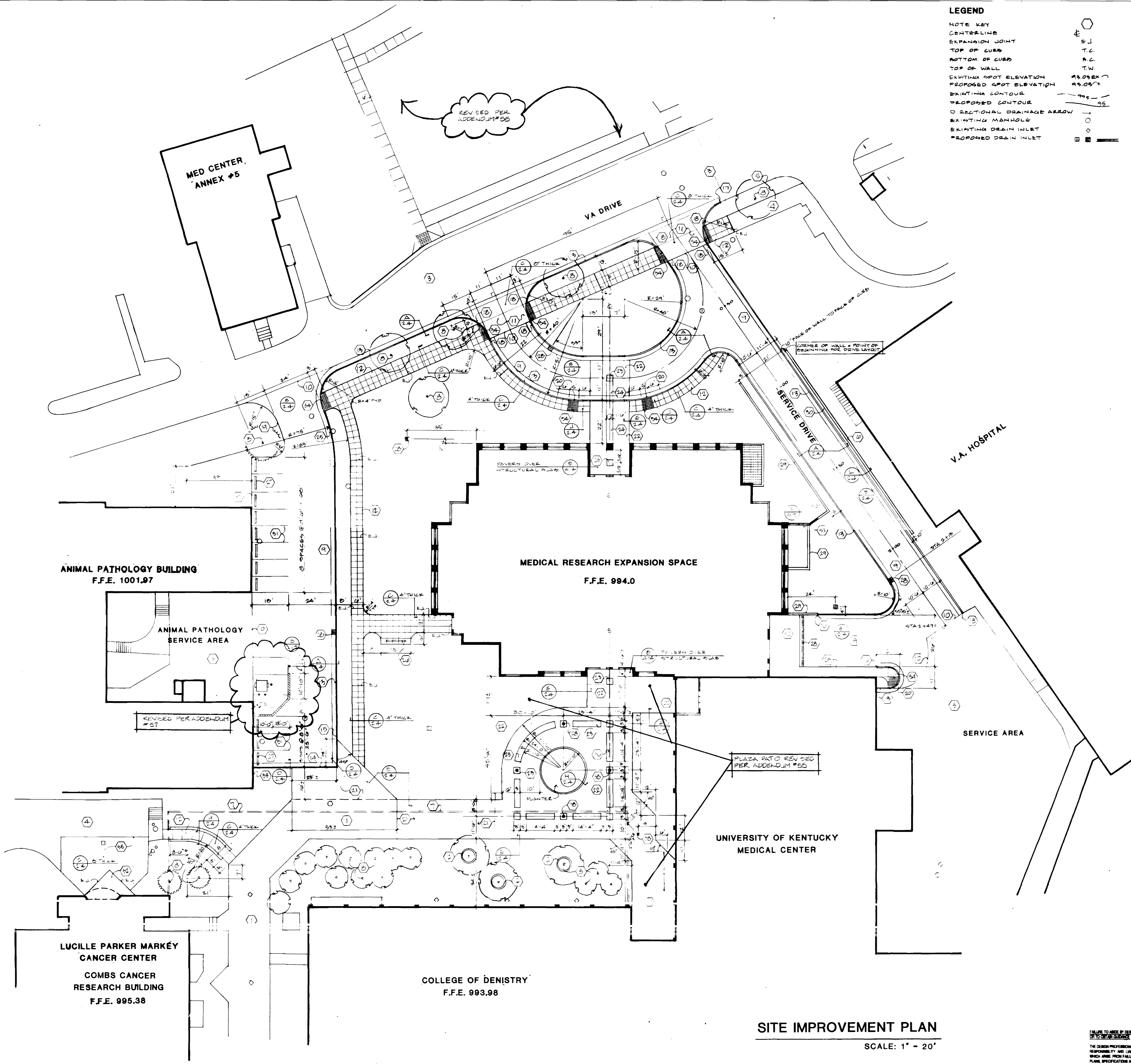
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 PROJECT NO. 747.0

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SITE IMPROVEMENT PLAN

SCALE: 1" = 20'



REVISED PER ADDENDUM #55

REVISED PER ADDENDUM #57

PLAZA PATIO REVISED PER ADDENDUM #55

ANIMAL PATHOLOGY BUILDING
F.F.E. 1001.97

ANIMAL PATHOLOGY SERVICE AREA

MEDICAL RESEARCH EXPANSION SPACE
F.F.E. 994.0

LUCILLE PARKER MARKÉY
CANCER CENTER
COMBS CANCER
RESEARCH BUILDING
F.F.E. 995.38

COLLEGE OF DENTISTRY
F.F.E. 993.98

UNIVERSITY OF KENTUCKY
MEDICAL CENTER

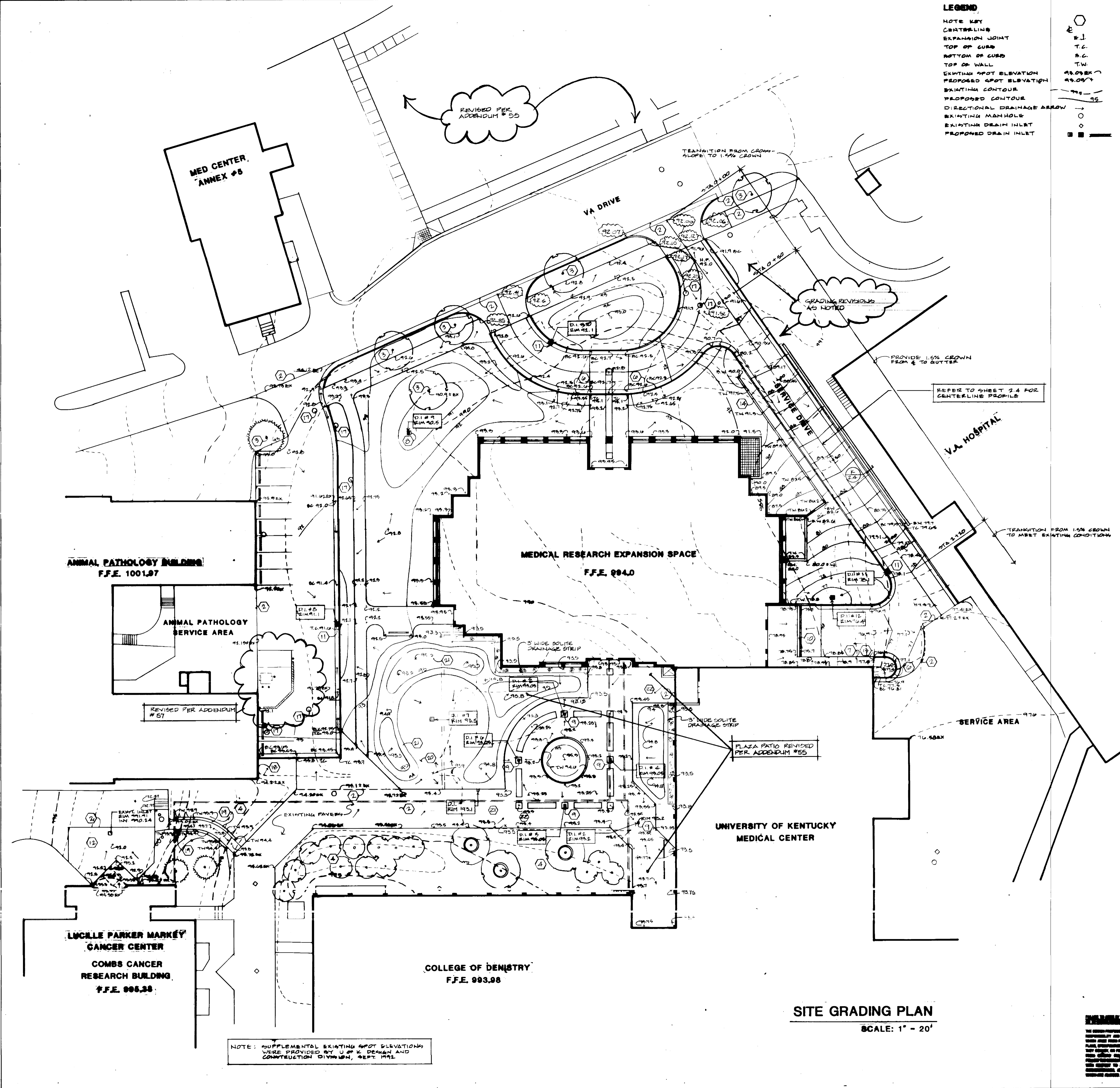
SERVICE AREA

MED CENTER
ANNEX #5

VA DRIVE

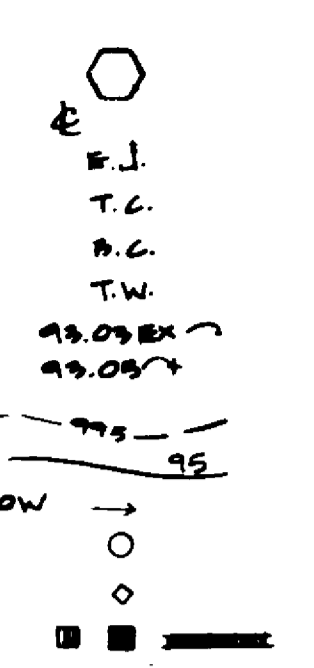
SERVICE DRIVE

V.A. HOSPITAL



LEGEND

- NOTE KEY
- CENTERLINE
- EXPANSION JOINT
- TOP OF CURB
- BOTTOM OF CURB
- TOP OF WALL
- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION
- EXISTING CONTOUR
- PROPOSED CONTOUR
- DIRECTIONAL DRAINAGE ARROW
- EXISTING MANHOLE
- EXISTING DRAIN INLET
- PROPOSED DRAIN INLET



GRADING NOTES

1. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THAT ALL AREAS WILL DRAIN. SHOULD ANY AREA NOT DRAIN, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT FOR RESOLUTION.
2. MEET AND MATCH ELEVATION OF EXISTING PAVEMENT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THAT PROPOSED IMPROVEMENTS WILL BLEND SMOOTHLY INTO EXISTING FEATURES. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
3. EXISTING TREES TO REMAIN, TYPICAL. THE CONTRACTOR SHALL EXERCISE EXTREME CARE TO PROTECT TREES TO REMAIN PER SPECIFICATIONS.
4. EXISTING PLANTED AREA TO REMAIN. THE CONTRACTOR SHALL EXERCISE EXTREME CARE TO PROTECT THE AREA, PER SPECIFICATIONS.
5. BACKFILL AREAS OF BITUMINOUS OR CONCRETE PAVEMENT REMOVAL, NOT RECEIVING OTHER SURFACES, WITH TOPSOIL TO PROPOSED GRADES.
6. PROVIDE CURB RAMP FOR HANDICAP ACCESS.
7. HANDICAP RAMP CROSS SLOPE NOT TO EXCEED 2%. RUNNING SLOPE NOT TO EXCEED 8.33%. SEE ARCHITECTURAL DRAWINGS.
8. YARD INLET, REFER TO SITE UTILITY SHEET FOR STORM SEWER DATA.
9. PATIO DRAIN, PER SPECIFICATIONS. REFER TO SITE UTILITY SHEET FOR STORM SEWER DATA.
10. TRENCH DRAIN, REFER TO SITE UTILITY SHEET FOR STORM SEWER DATA.
11. CURB BOX INLET, REFER TO SITE UTILITY SHEET FOR STORM SEWER DATA.
12. BLEND NEW PAVEMENT FOR SMOOTH TRANSITION FROM PROPOSED GRADES AT NEW LOADING DOCK INTO EXISTING PAVEMENT. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCY WITH EXISTING GRADES IN THIS AREA.
13. APPROXIMATE TOP OF EXISTING FOOTER ELEVATION 977.0. CONTRACTOR SHALL VERIFY EXACT ELEVATION AND NOTIFY ARCHITECT FOR ANY ADJUSTMENT TO FINISH GRADE IN THIS AREA.
14. TOP OF WALL BARS LEVEL AT 91.5 FOR 18 LIMBAL FEET FROM HIGHEST END. THE REMAINDER OF STRAIGHT SECTION OF WALL SLOPES EVENLY AT ELEVATIONS SHOWN. TOP OF RETAINING WALL RETURNING TO BUILDING WALL SHALL BE LEVEL AT 96.2.
15. DRAINAGE BETWEEN BACK OF CURB AND FACE OF WALL, PER DETAIL K/7.4.
16. ADJUST FIN ELEVATION OF ALL EXISTING MANHOLES, VALVES, ETC. TO REMAIN AS NECESSARY TO MEET PROPOSED GRADE. SEE SITE UTILITY PLAN #2.01 FOR STRUCTURES TO REMAIN.
17. PROVIDE FULL MASTIC WATER PROOFING FROM ONE FOOT BELOW EXISTING GRADE UP TO ELEVATION OF PROPOSED GRADE ON SIDE OF EXISTING BUILDING. SEE SPECIFICATIONS, DIVISION 7.
18. MODULAR PRECAST CONCRETE RETAINING WALL. STEP TOP OF WALL ELEVATION UP FROM BOTH ENDS IN INCREMENTS OF 6" RISE TO 2'-0" HIGH. ALL COURSES SHALL BE LEVEL. BASE COURSE MAY BE STEPPED PROVIDED THAT A MINIMUM OF 6" OF UNITS BE BELOW FINISH GRADE. GRADE ABOVE WALL SHALL BE SMOOTHLY SHAPED TO PROVIDE A SLOPE 3:1 MAXIMUM FROM TOP OF WALL BACK TO EXISTING GRADE.
19. THE 93' CONTOUR IS AT THE EDGE OF THE PLANTING BED. ACCURATE LOCATION OF THIS CONTOUR IS CRITICAL AND MUST COINCIDE WITH EDGE OF PLANTING BED AS SHOWN ON SHEET 2.5.
20. MAXIMUM SLOPE ON MOUND AT 3:1.

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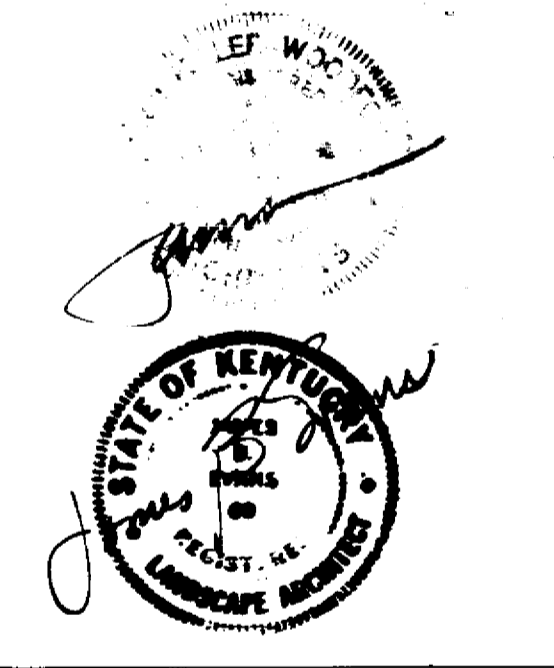


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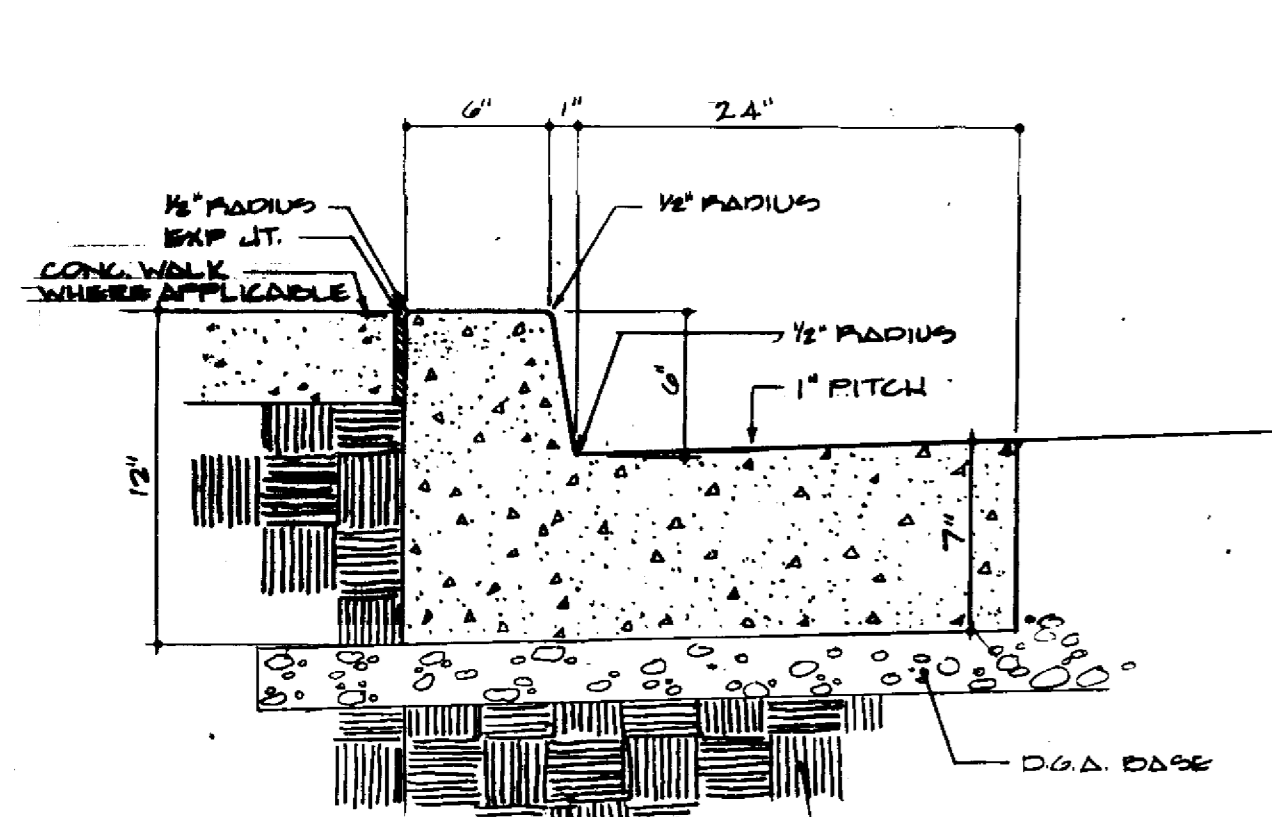
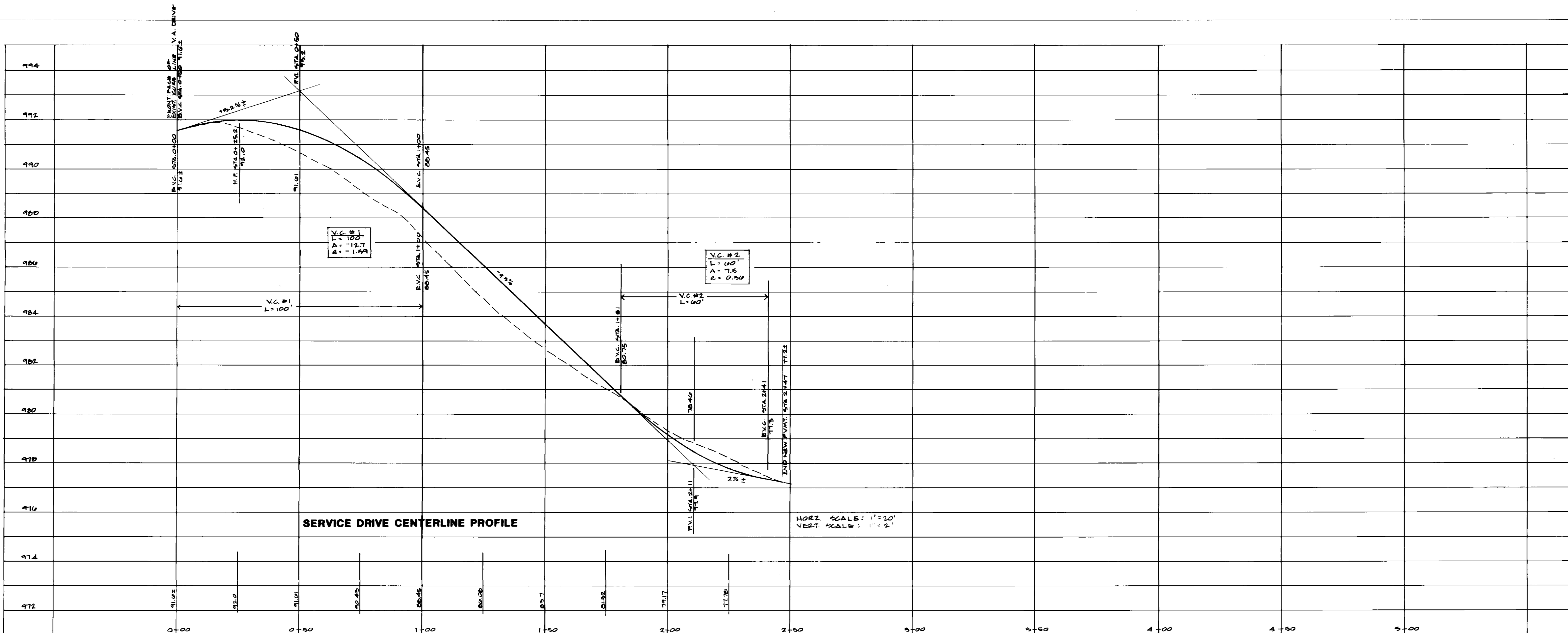
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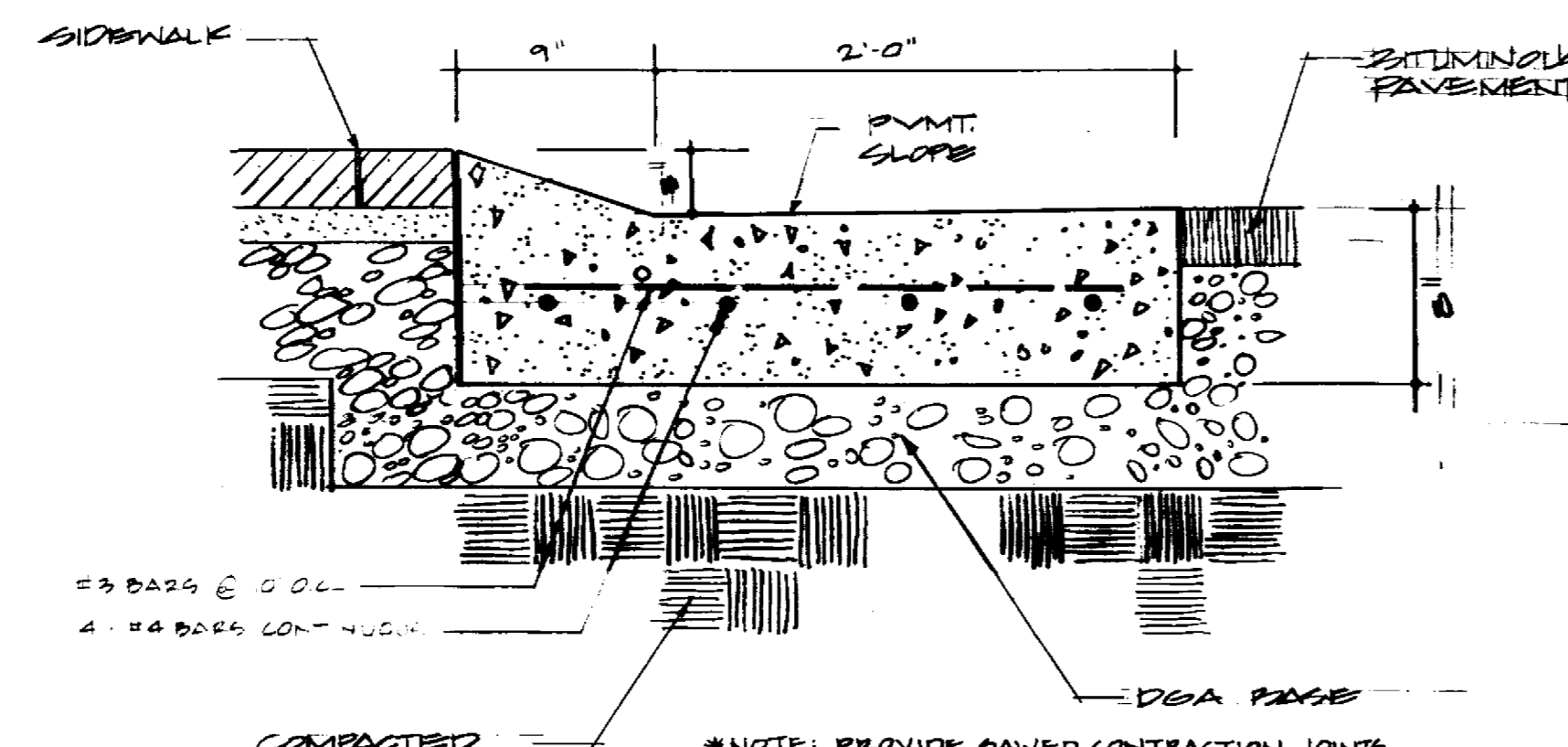
SITE GRADING PLAN
SCALE: 1" = 20'

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	date	
	drawn by	
	checked by	
	revision	
	approved by	
FINAL DOCUMENTS	date	

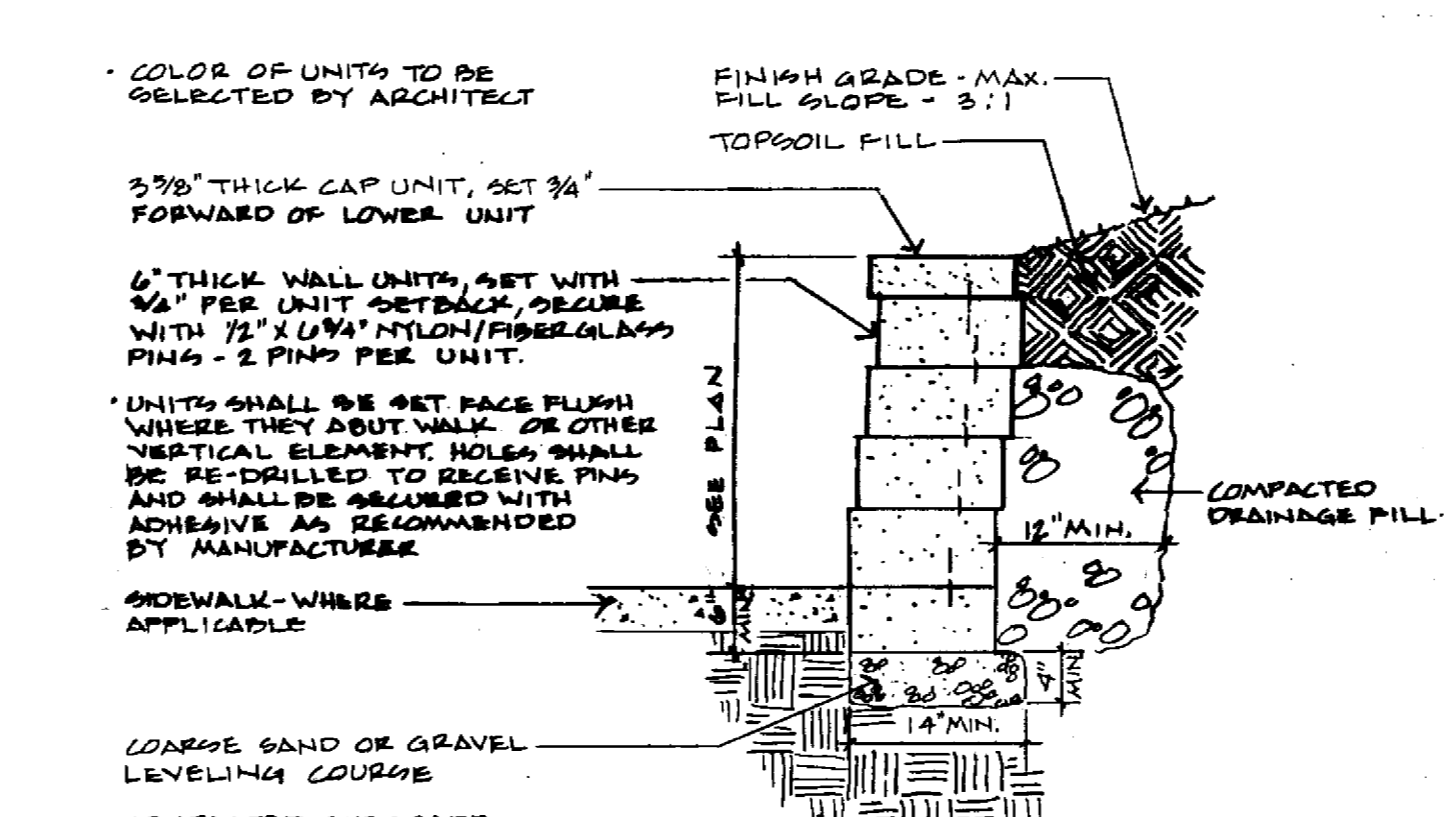
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Issue Date	DEC-93
Drawing Title	SITE GRADING PLAN
Drawn by	EES
Checked by	JBC
Project No.	747.0
Scale	1" = 20'
Drawing No.	2.3



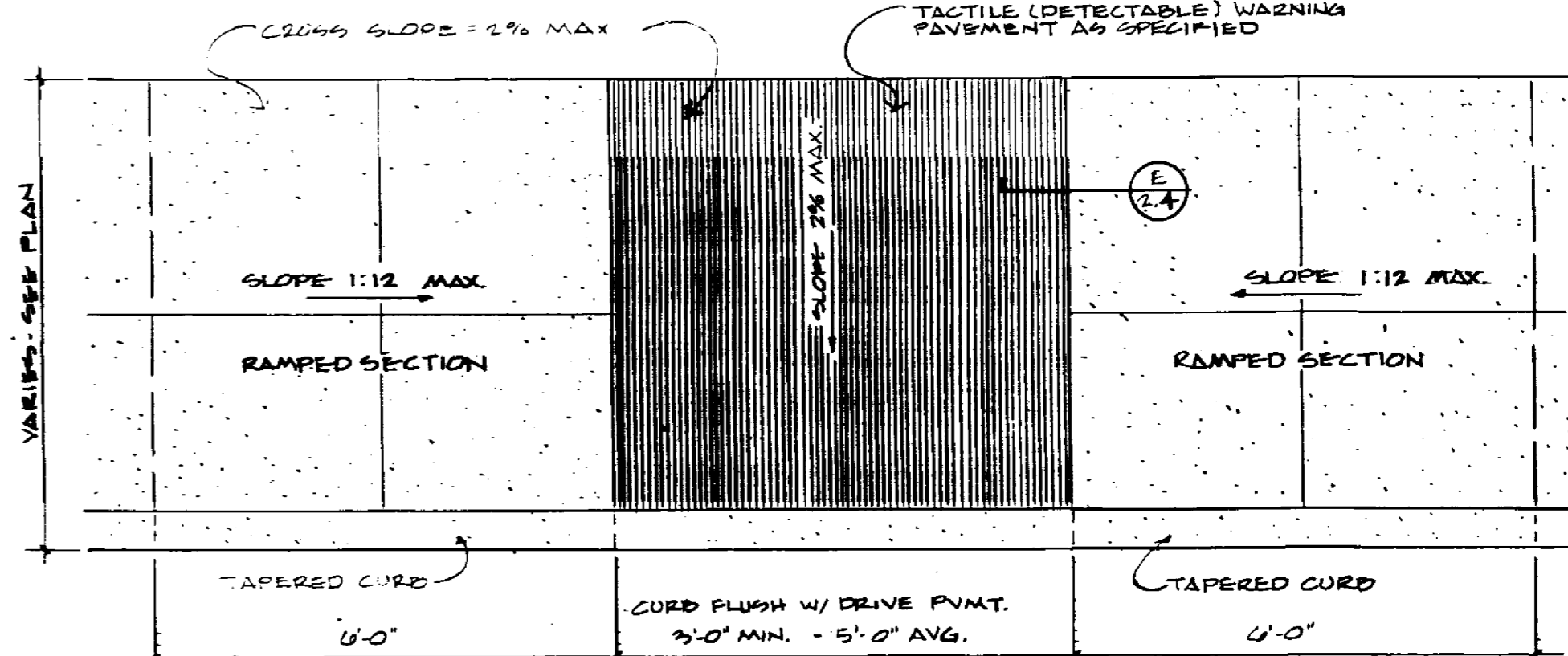
A CURB AND GUTTER
SECTION SCALE: 1/2" = 1'-0"



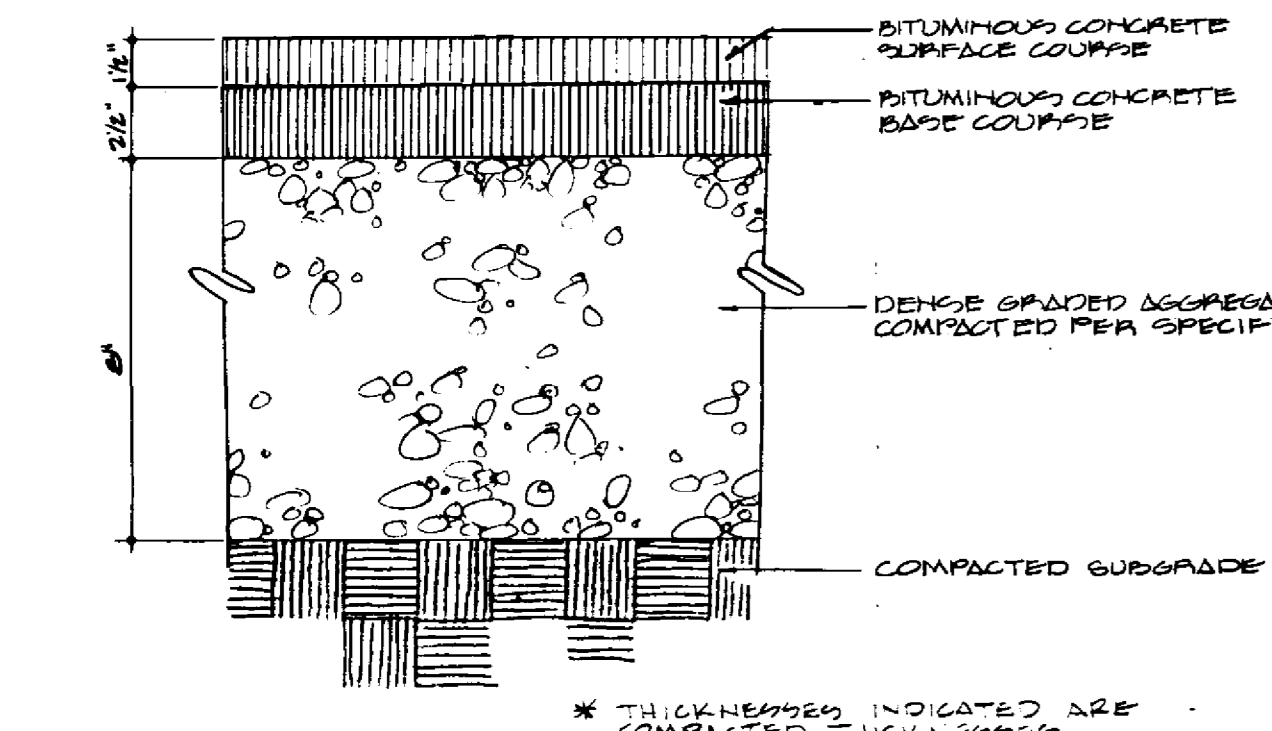
D LIP CURB & GUTTER
SECTION SCALE: 1/2" = 1'-0"



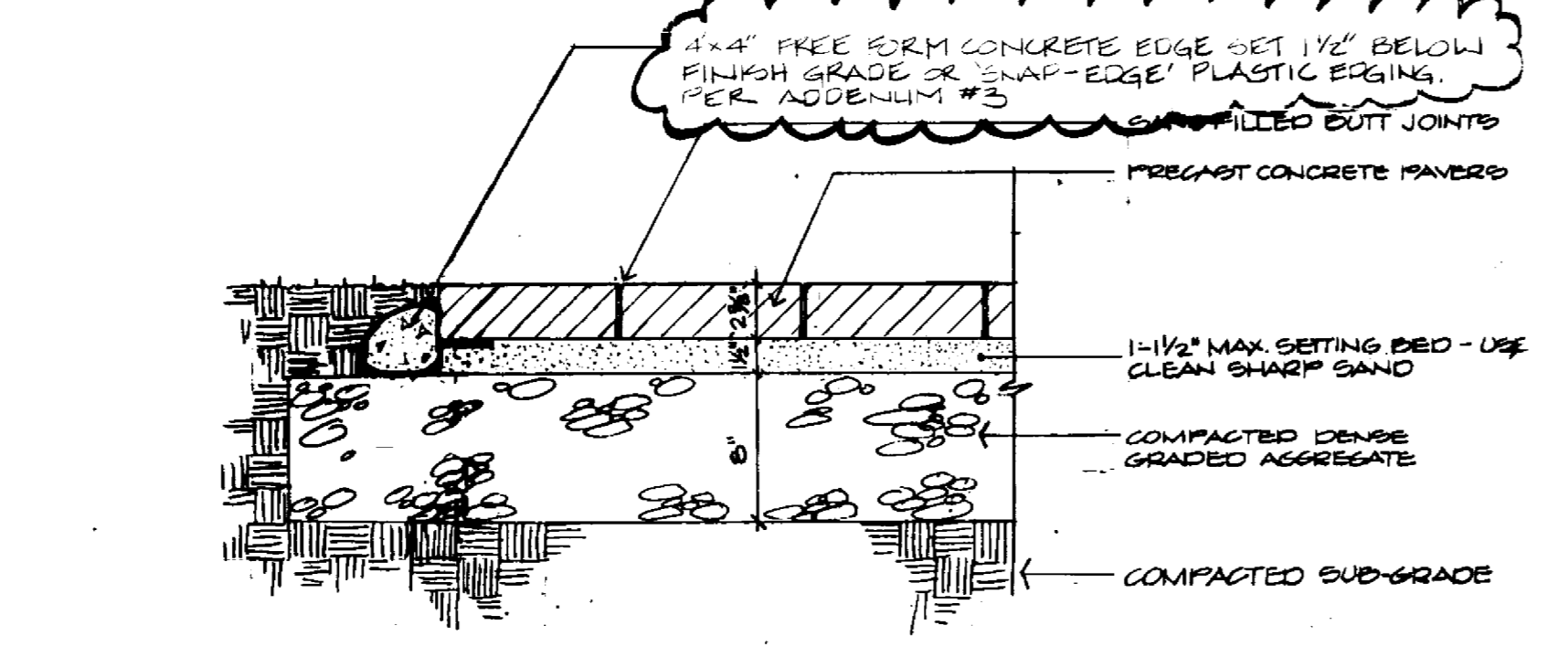
C MODULAR PRECAST CONCRETE RETAINING WALL
SECTION SCALE: 3/4" = 1'-0"



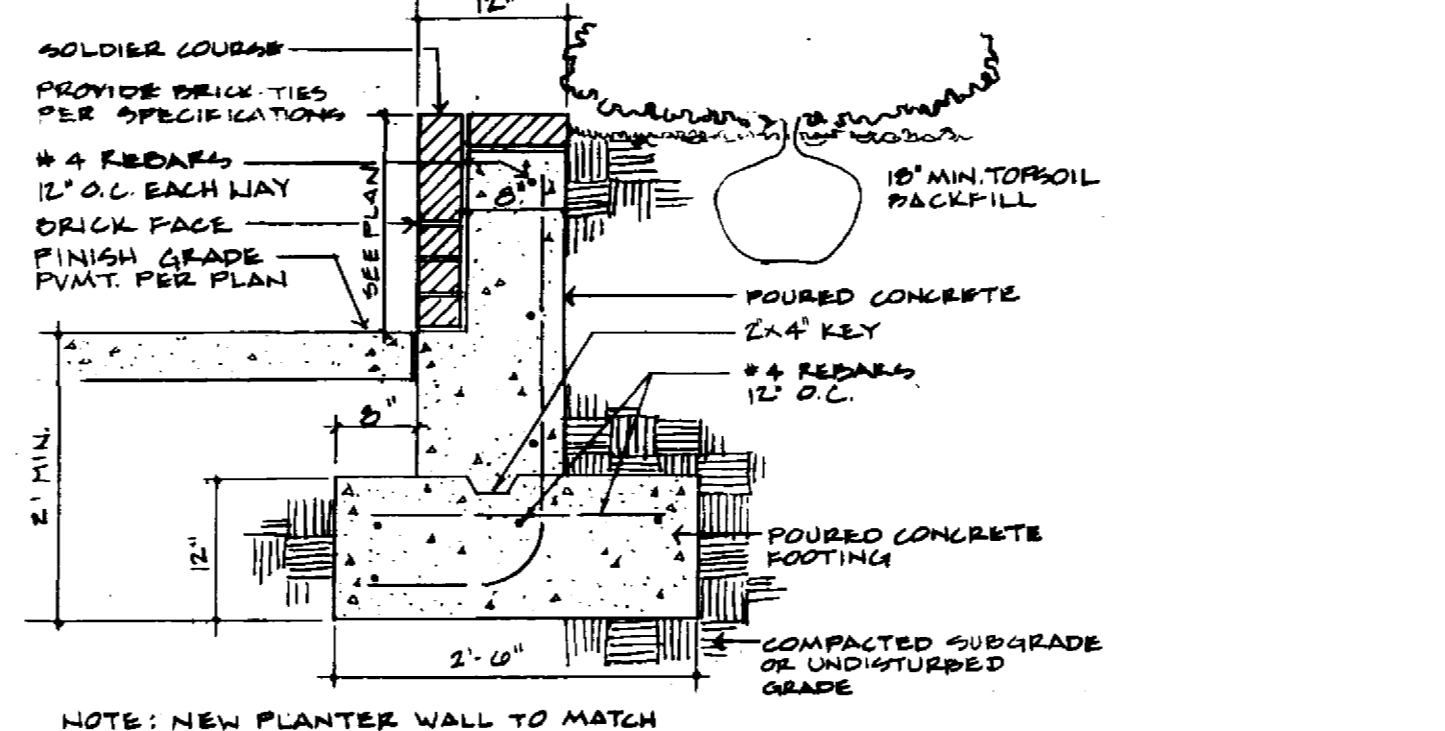
H DROP CURB DETAIL
PLAN SCALE: 1/2" = 1'-0"



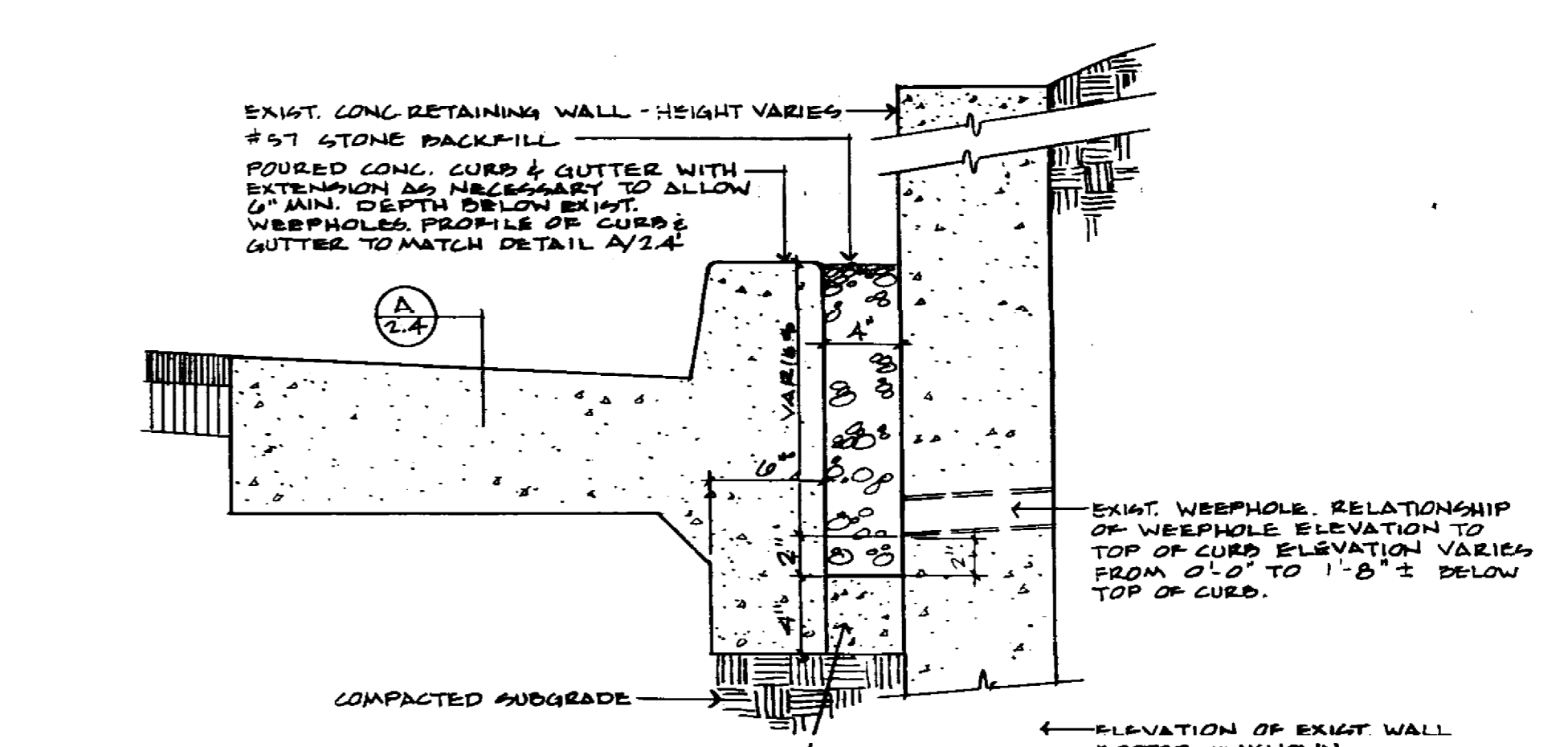
B BITUMINOUS CONCRETE PAVING
SECTION SCALE: 3/4" = 1'-0"



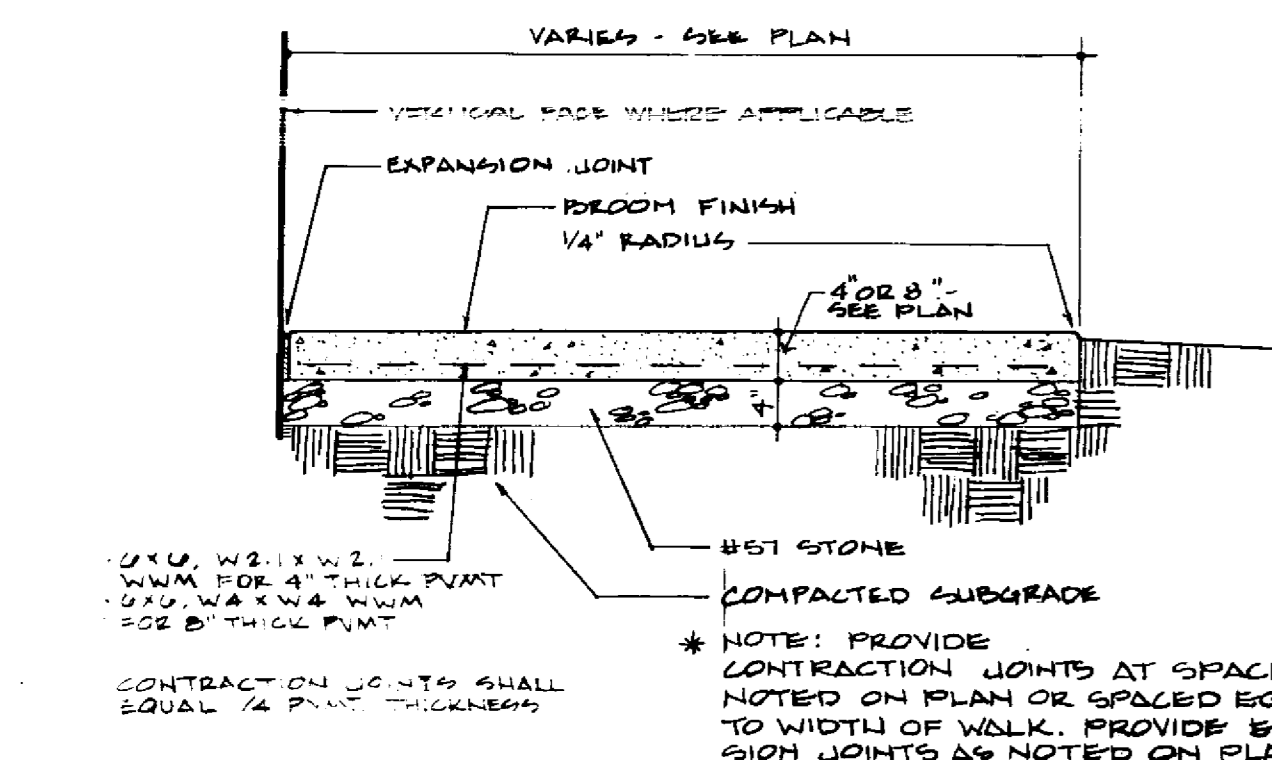
E PRECAST CONCRETE PAVERS
SECTION SCALE: 1/2" = 1'-0"



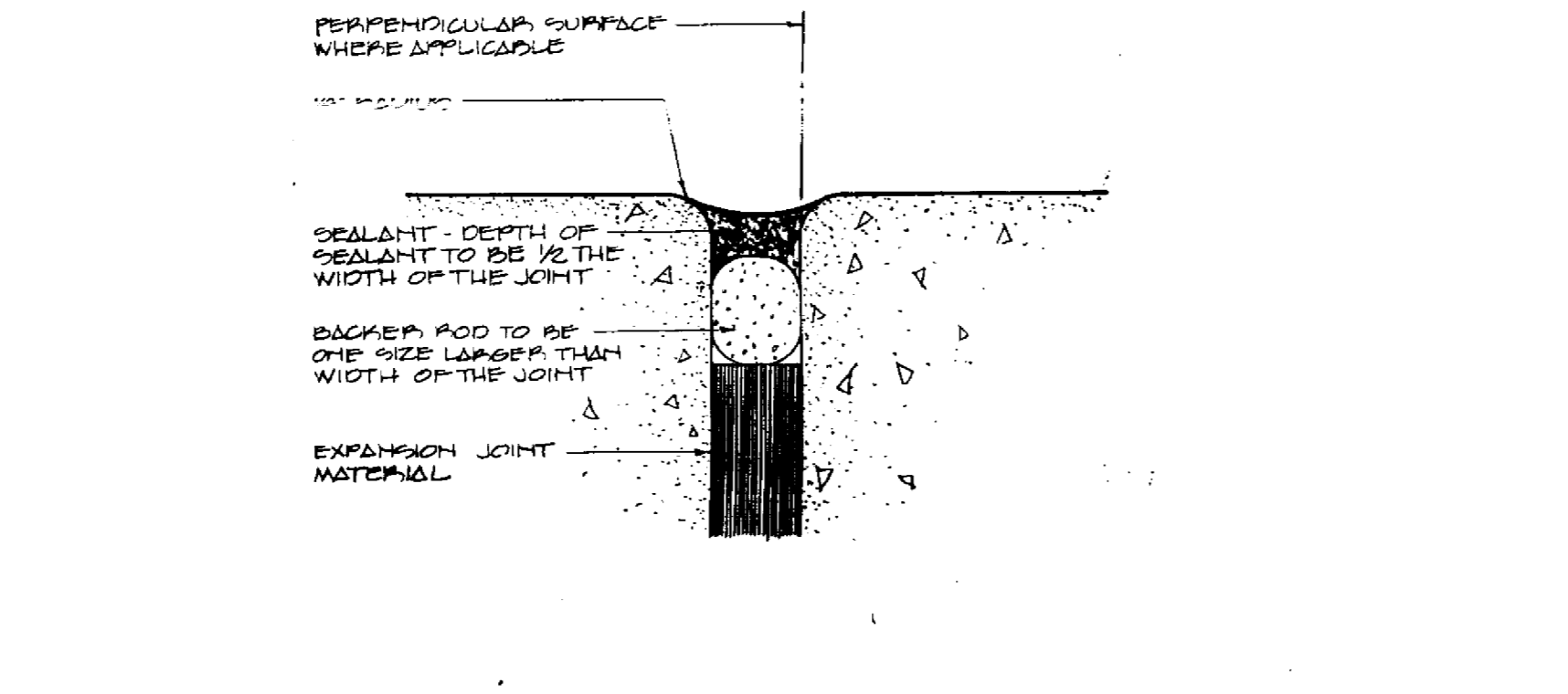
I BRICK PLANTER WALL
SECTION SCALE: 3/4" = 1'-0"



H WEEP HOLE DRAIN DETAIL AT EXISTING WALL
SECTION SCALE: 1/2" = 1'-0"



G CONCRETE WALK
SECTION SCALE: 3/4" = 1'-0"



F EXPANSION JOINT DETAIL
SECTION NO SCALE

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Title	
File No.	
Job No.	
Revision	
Project No.	747.0
Scale	AS SHOWN
Drawing No.	2.4

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PROJECT NO. 747.0
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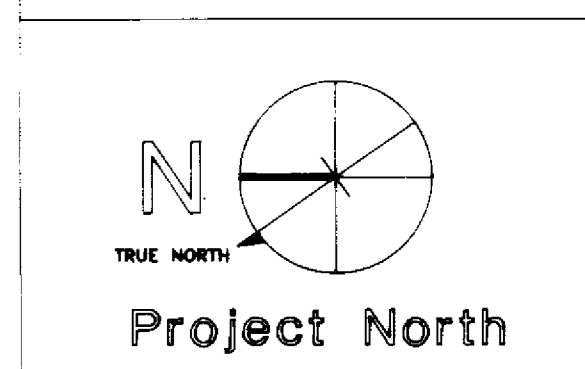
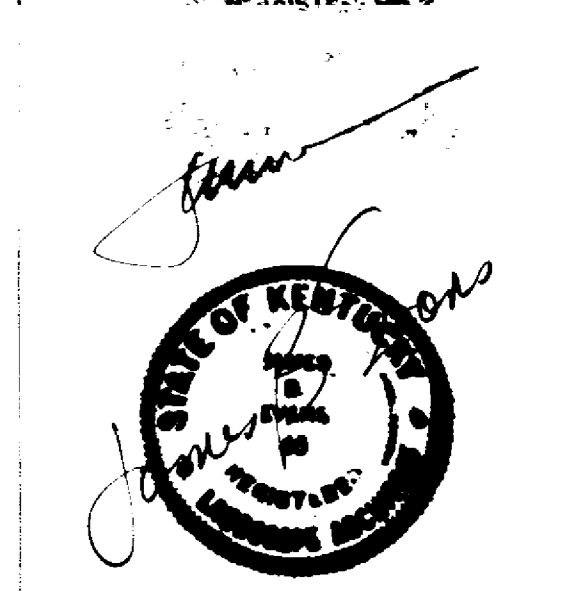
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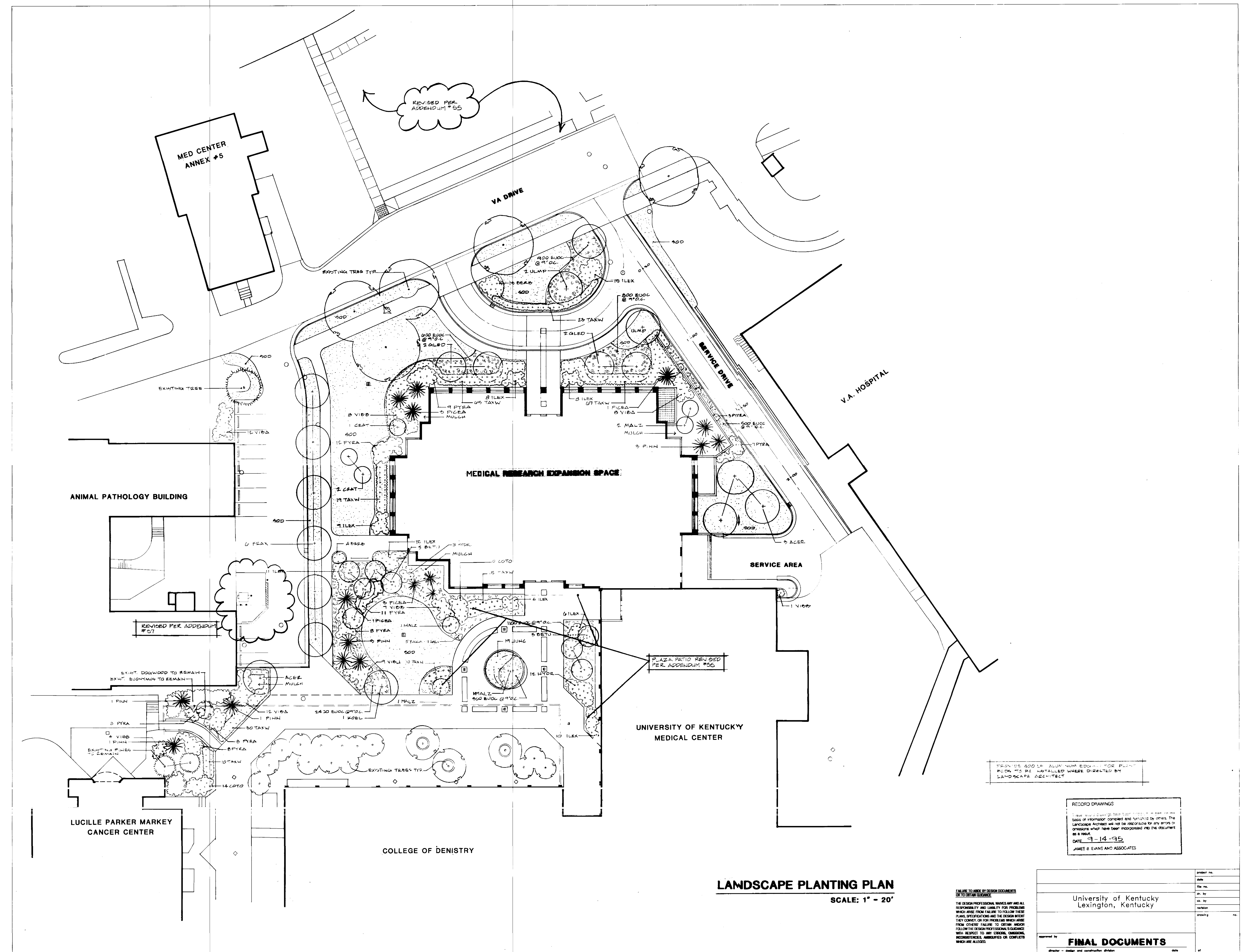
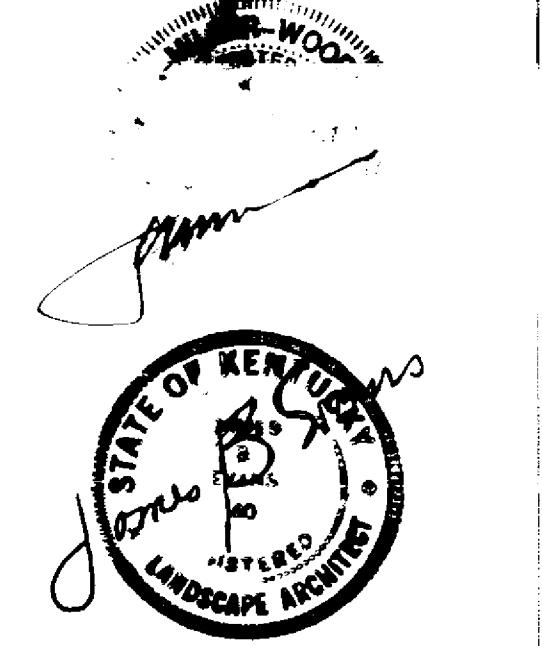
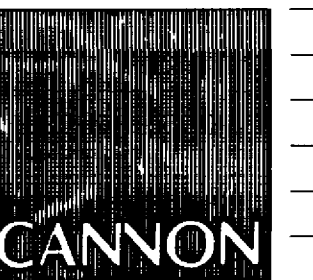
ARCHITECTURE ENGINEERING
PLANNING INTERIORS
326 South Broadway
Lexington, Kentucky
606-254-6623

JAMES B. EVANS & ASSOCIATES
LANDSCAPE ARCHITECTS • SITE PLANNERS
326 SOUTH BROADWAY LEXINGTON, KENTUCKY 40508
606-254-6623



Revision _____ Date _____
Issue Date **DEC. 92**
Drawing Title
SITE DETAILS

Drawn by **EKS**
Checked by **JBE**
Project No. **747.0** Scale **AS SHOWN**
Drawing No. **2.4**



LANDSCAPE PLANTING PLAN

SCALE: 1" = 20'

DESIGN PROFESSIONAL LIABILITY
FAILURE TO ADEQUATELY DESIGN DOCUMENTS OR TO OBTAIN RECORDS
THE DESIGN PROFESSIONAL WIVES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR FOR PROBLEMS WHICH ARISE FROM OTHERS FAILURE TO OBTAIN RECORDS, FOLLOW THE DESIGN PROFESSIONAL'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.

RECORD DRAWINGS
These drawings were prepared for the use of others. The Landscape Architect will not be responsible for any errors or omissions which have been incorporated into the documents as a result.
DATE 9-14-95
JAMES B. EVANS AND ASSOCIATES

Revision	Date

Project No.	Scale
747.0	1" = 20'
Drawing No.	2.5

Project	Date
University of Kentucky	Lexington, Kentucky

approved by **FINAL DOCUMENTS** date

Drawing Title
LANDSCAPE PLANTING PLAN

Drawn by EKS

Checked by JBE

Project No. Scale
747.0 1" = 20'

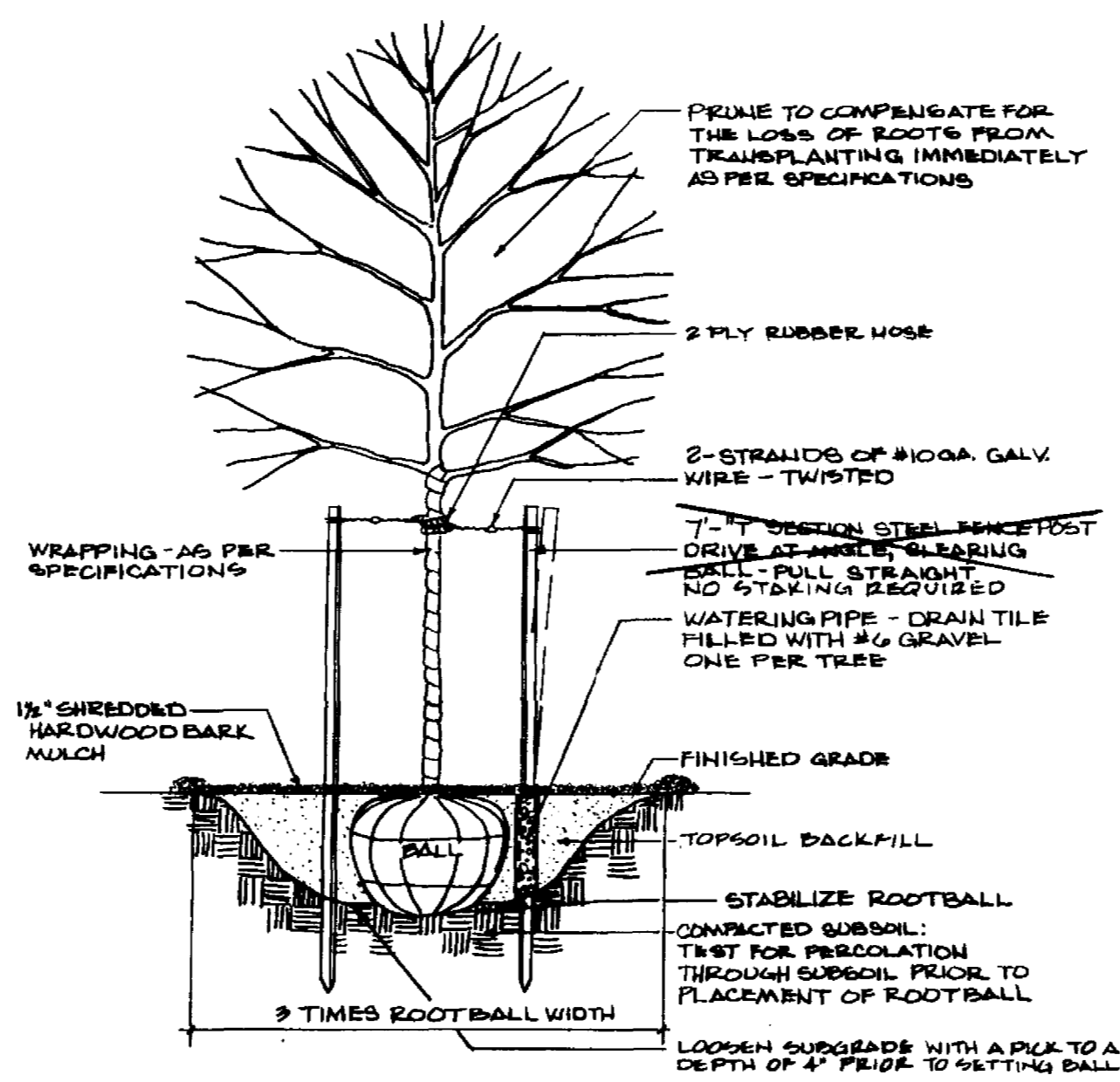
Drawing No.
2.5

PLANTING NOTES

- IN THE EVENT THE CONTRACTOR ENCOUNTERS MATERIAL THAT COULD REASONABLY BE EXPECTED TO CONTAIN ASBESTOS OR POLYCHLORINATED BIPHENYL (PCB) ON THE SITE, WHICH HAS NOT BEEN RENDERED HARMLESS, THE CONTRACTOR SHALL IMMEDIATELY STOP WORK IN THE AREA AFFECTED AND REPORT THE CONDITION TO THE OWNER. THE OWNER SHALL BE RESPONSIBLE FOR HAVING QUALIFIED PERSONNEL EVALUATE THE MATERIALS TO DETERMINE IF THEY ARE INDEED HAZARDOUS AND TO CAUSE THEM TO BE REMOVED FROM THE SITE OR RENDERED HARMLESS AT NO COST TO THIS CONTRACTOR.
- THE LANDSCAPE CONTRACTOR IS HEREBY NOTIFIED OF THE EXISTENCE OF UNDERGROUND UTILITIES WITHIN LIMITS OF THE PROJECT AREA. THE CONTRACTOR SHOULD VERIFY THE EXACT LOCATION OF ALL UTILITY LINES PRIOR TO COMMENCEMENT OF DIGGING OPERATIONS.
- SODDING IS A PART OF THIS CONTRACT. THE CONTRACTOR SHALL SOD AREAS SHOWN ON THE DRAWING AND ANY AREAS DISTURBED, WHILE EXECUTING THIS PROJECT. SEE SPECIFICATIONS, SECTION 02900.
- PLANTS SHALL HAVE A HABIT OF GROWTH THAT IS NORMAL FOR THE SPECIES AND SHALL BE SOUND, HEALTHY, VIGOROUS AND FREE FROM INSECTS, PESTS, PLANT DISEASES AND INJURIES. ALL PLANTS SHALL EQUAL OR EXCEED THE MEASUREMENTS SPECIFIED IN THE PLANT LIST WHICH ARE MINIMUM ACCEPTABLE SIZES. THEY SHALL BE MEASURED BEFORE PRUNING.
- REQUIREMENTS FOR THE MEASUREMENT, BRANCHING, GRADING, QUALITY, BALLING AND BURLAPPING OF PLANTS IN THE PLANT LIST GENERALLY FOLLOWS OR EXCEEDS A CODE OF STANDARDS CURRENTLY RECOMMENDED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC. IN THE AMERICAN STANDARD FOR NURSERY STOCK. SEE THE PLANT LIST AND SPECIFICATIONS FOR OTHER REQUIREMENTS.
- MEASUREMENT OF CONIFER HEIGHT SHALL INCLUDE NOT MORE THAN FIFTY (50) PER CENT OF THIS YEAR'S VERTICAL GROWTH (TOP CANDLE).
- CONTAINERIZED TAXUS OR TAXUS WITH SAND BALLS ARE NOT PERMITTED ON THIS PROJECT. TAXUS MUST BE SUPPLIED BALLED AND BURLAPPED WITH A CLAY LOAM SOIL SIMILAR TO THAT FOUND AT THE SITE.
- SYNTHETIC OR TREATED BURLAP SHALL NOT BE USED IN BALLING AND BURLAPPING ANY PLANTS ON THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSURING THAT THIS REQUIREMENT IS MET.
- THE LANDSCAPE CONTRACTOR WILL BE RESPONSIBLE FOR STAKING AND LAYOUT OF PLANTINGS ON THIS PROJECT. THE LANDSCAPE ARCHITECT OR OWNER SHALL BE ADVISED WHEN STAKES ARE READY FOR INSPECTION ON VARIOUS PLANTING AREAS. ALL LAYOUT WORK SHALL BE INSPECTED AND APPROVED BY THE LANDSCAPE ARCHITECT OR OWNER PRIOR TO OPENING ANY PLANTING PITS.
- IT IS THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR TO VERIFY THAT EACH EXCAVATED TREE OR SHRUB FIT WILL PERCOLATE (DRAIN) PRIOR TO ADDING TOPSOIL AND INSTALLING TREES OR SHRUBS. THE CONTRACTOR SHALL VILL THE BOTTOM OF SELECTED HOLES WITH SIX (6) INCHES OF WATER. THIS WATER SHOULD PERCOLATE OUT WITHIN A TWENTY-FOUR (24) HOUR PERIOD. THE OWNER OR LANDSCAPE ARCHITECT SHALL VERIFY ACCURACY AND EFFECT OF PERCOLATION TESTING. IF THE SOIL AT A GIVEN AREA DOES NOT DRAIN PROPERLY, A P.V.C. DRAIN OR GRAVEL SUMP SHALL BE INSTALLED OR THE PLANTINGS RELOCATED.
- SHOULD THE LANDSCAPE CONTRACTOR ENCOUNTER UNSATISFACTORY SURFACE OR SUBSURFACE DRAINAGE CONDITIONS, SOIL DEPTH, LATENT SOILS, HARD PAN, STRAM OR OTHER UTILITY LINES OR OTHER CONDITIONS THAT WILL JEOPARDIZE THE HEALTH AND VIGOR OF THE PLANTS, HE MUST ADVISE THE LANDSCAPE ARCHITECT IN WRITING OF THE CONDITIONS PRIOR TO INSTALLING THE PLANTS. OTHERWISE THE LANDSCAPE CONTRACTOR WARRANTS THAT THE PLANTING AREAS ARE SUITABLE FOR PROPER GROWTH AND DEVELOPMENT OF THE PLANTS TO BE INSTALLED.
- NO EXCAVATION OR PLANTING PIT SHALL BE LEFT UNATTENDED OR OPEN OVERNIGHT.
- PLANTING PITS FOR TREES AND SHRUBS SHALL BE DUG THREE (3) TIMES THE WIDTH OF THE BALL AROUND THE ENTIRE PLANT, PER DETAILS. ANY HEAVY CLAY OR OTHER SOIL UNSUITABLE FOR PLANTING ENCOUNTERED IN THE BOTTOM OF THE HOLES SHALL BE REMOVED FROM THE SITE.
- ALL CORDS AND BINDINGS SHALL BE CUT FROM PLANTS PRIOR TO PLANTING. THE TOP ONE-THIRD (1/3) OF BURLAP SHALL BE REMOVED FROM THE ROOT BALL PRIOR TO BACKFILLING.
- NEW TOPSOIL BACKFILL SHALL BE REQUIRED TO A DEPTH OF 18" IN ALL PLANTING BEDS AS SHOWN ON THE DETAILS AND AS SPECIFIED IN SECTION 02200. THE LANDSCAPE SUBCONTRACTOR SHALL VERIFY THAT ADEQUATE TOPSOIL HAS BEEN PROVIDED PRIOR TO THE INSTALLATION OF ANY PLANTS. TOPSOIL INSTALLATION FOR INDIVIDUAL TREES SHALL BE REQUIRED IN ALL PLANTING PITS AS SHOWN ON THE DETAILS AND AS SPECIFIED IN SECTION 02490.
- BARK MULCH SHALL BE APPLIED TO ALL SHRUB BEDS BY THE CONTRACTOR. BEDS SHALL BE TREATED WITH FUMIGANT HERBICIDES BY THE CONTRACTOR BEFORE MULCH IS APPLIED. A SAMPLE OF MULCH SHALL BE PRESENTED TO THE LANDSCAPE ARCHITECT FOR APPROVAL.
- ALL TREES ARE TO BE WRAPPED IMMEDIATELY AFTER PLANTING AS DETAILED. NO STAKING OF TREES IS REQUIRED.
- THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING UP THE SITE AT THE COMPLETION OF THE PROJECT AND SHALL MAINTAIN THE SITE IN A REASONABLY NEAT AND CLEAN STATE THROUGHOUT THE INSTALLATION PROCESS. STREETS AND PAVED AREAS SHALL BE CLEANED REGULARLY TO REMOVE CONSTRUCTION MATERIALS AND OTHER DEBRIS RESULTING FROM WORK OF THIS PROJECT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED MAINTENANCE UNTIL ALL PLANTINGS ARE FORMALLY ACCEPTED. ALL PLANTS SHALL BE WATERED AT TIME OF INSTALLATION AND AS OFTEN THEREAFTER AS NECESSARY TO MAINTAIN THEM IN A HEALTHY VIGOROUS CONDITION.
- PLANTS SHALL BE GUARANTEED FOR THE DURATION OF ONE (1) FULL YEAR AFTER THE FORMAL ACCEPTANCE OF THE PLANTING BY THE OWNER AND SHALL BE ALIVE AND IN SATISFACTORY GROWTH AT THE END OF THE GUARANTEE PERIOD. ANY PLANT NOT IN A HEALTHY AND VIGOROUS STATE AT THE END OF THE GUARANTEE PERIOD SHALL BE REPLACED AT NO COST TO THE OWNER. PLANTS SEVERELY DAMAGED BY VANDALS ARE NOT SUBJECT TO REPLACEMENT BY THIS CONTRACTOR.

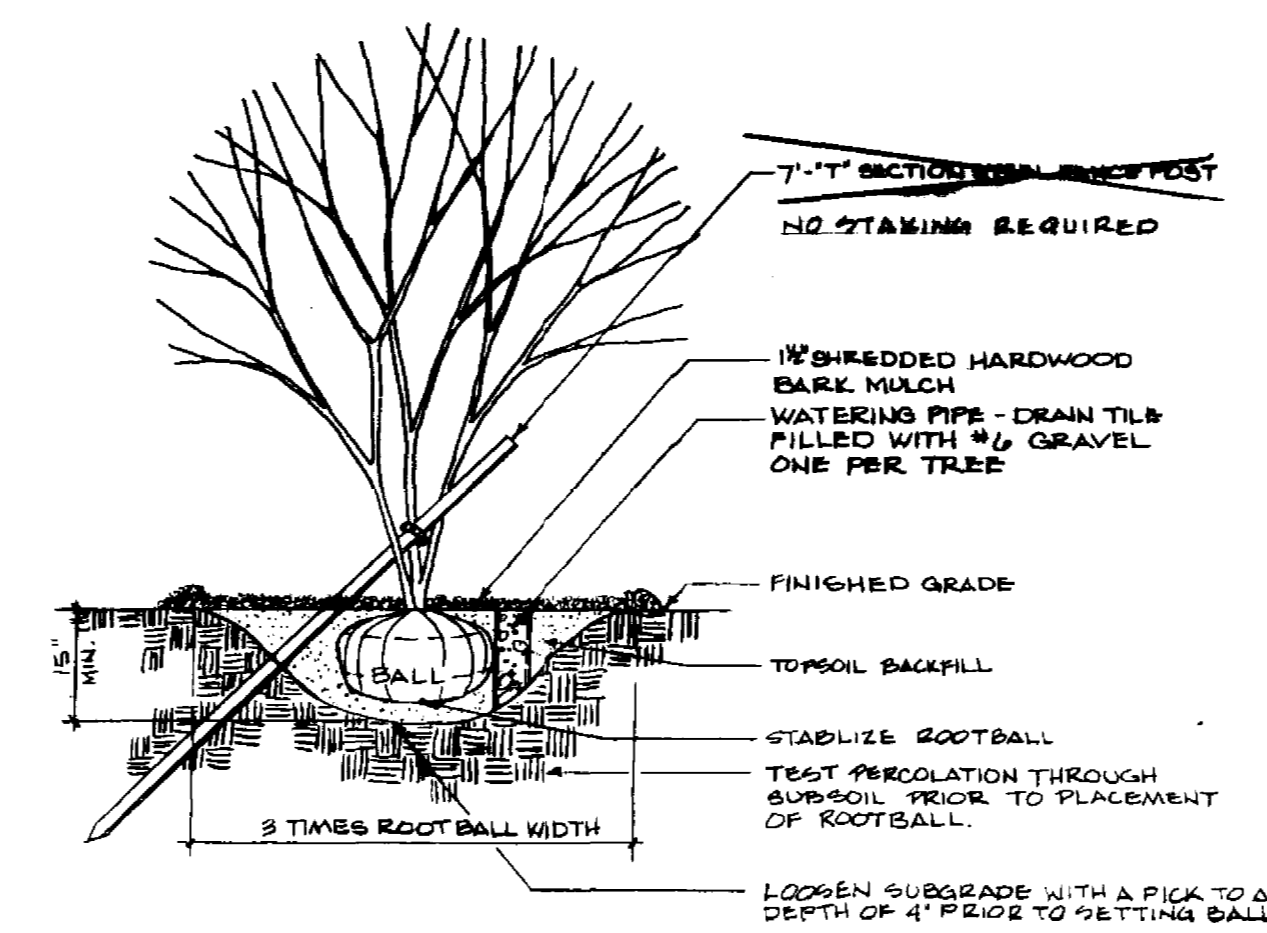
REPLACEMENTS OF DEAD OR UNSATISFACTORY MATERIAL AT THE END OF THE GUARANTEE PERIOD SHALL BE MADE AS SPECIFIED IN THE PLANT LIST. THE OWNER OR LANDSCAPE ARCHITECT SHALL INSPECT REPLACED PLANTS WHEN ALL REPLACEMENTS HAVE BEEN MADE. REPLACEMENTS ARE TO BE ALIVE AND IN A HEALTHY CONDITION WHEN THE REPLACEMENTS ARE COMPLETE BUT THEY SHALL NOT BE SUBJECT TO A ONE (1) YEAR GUARANTEE.

- THE OWNER SHALL BE RESPONSIBLE FOR LANDSCAPE MAINTENANCE AFTER THE PLANTINGS ARE FORMALLY ACCEPTED DURING THE ONE (1) YEAR GUARANTEE PERIOD.



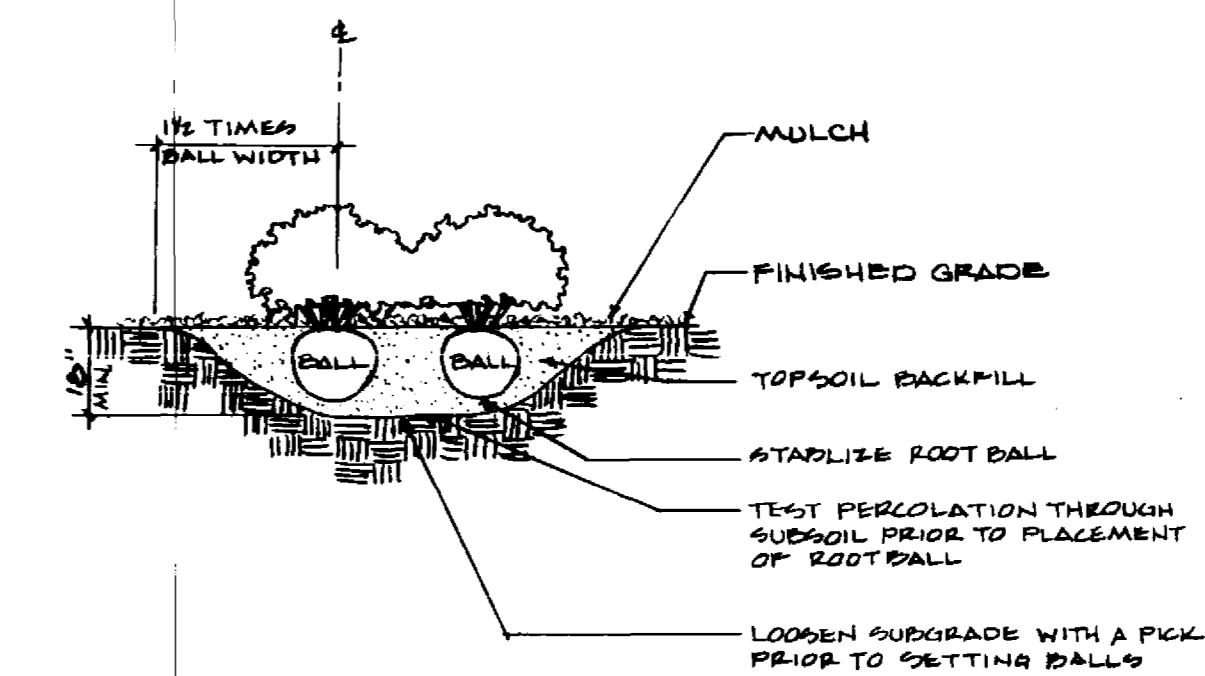
PLANTING & DOUBLE STAKING DETAIL

SCALE: 3/8" = 1'-0"



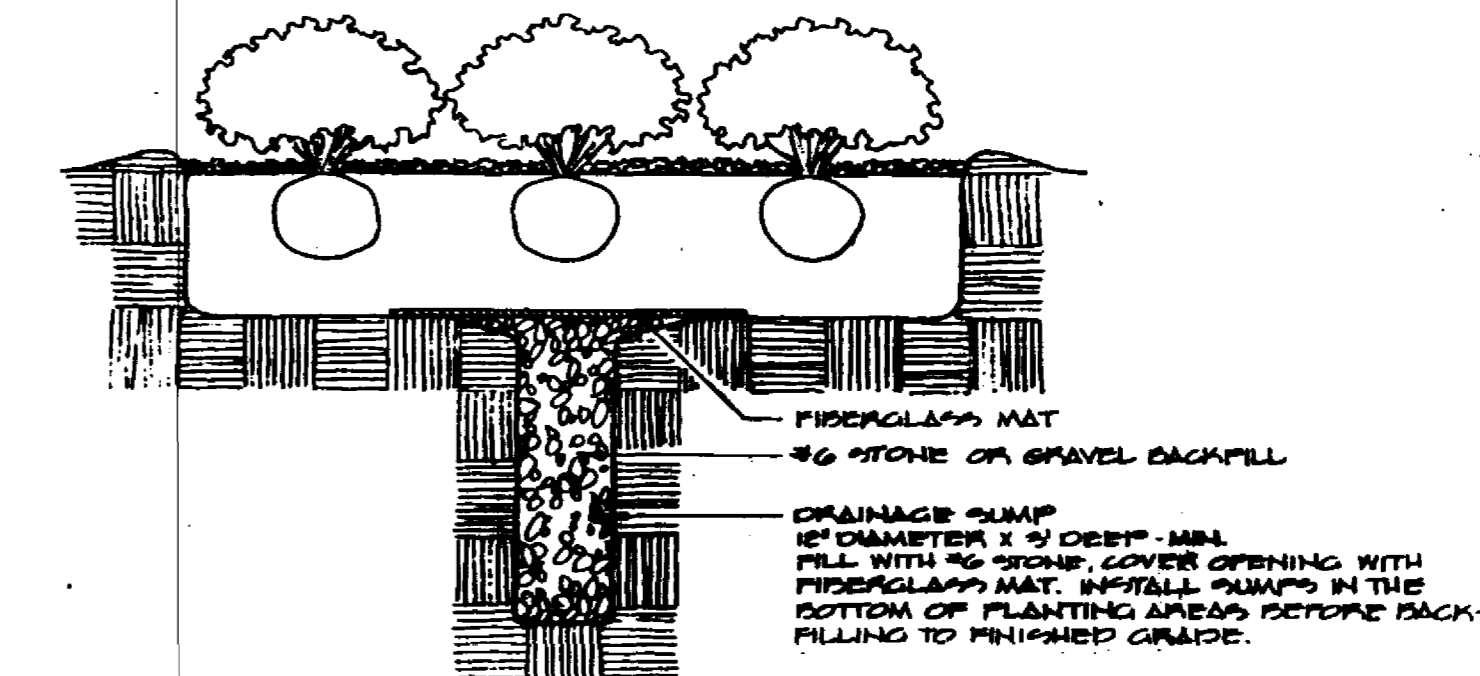
PLANTING & SINGLE STAKING DETAIL

SCALE: 3/8" = 1'-0"



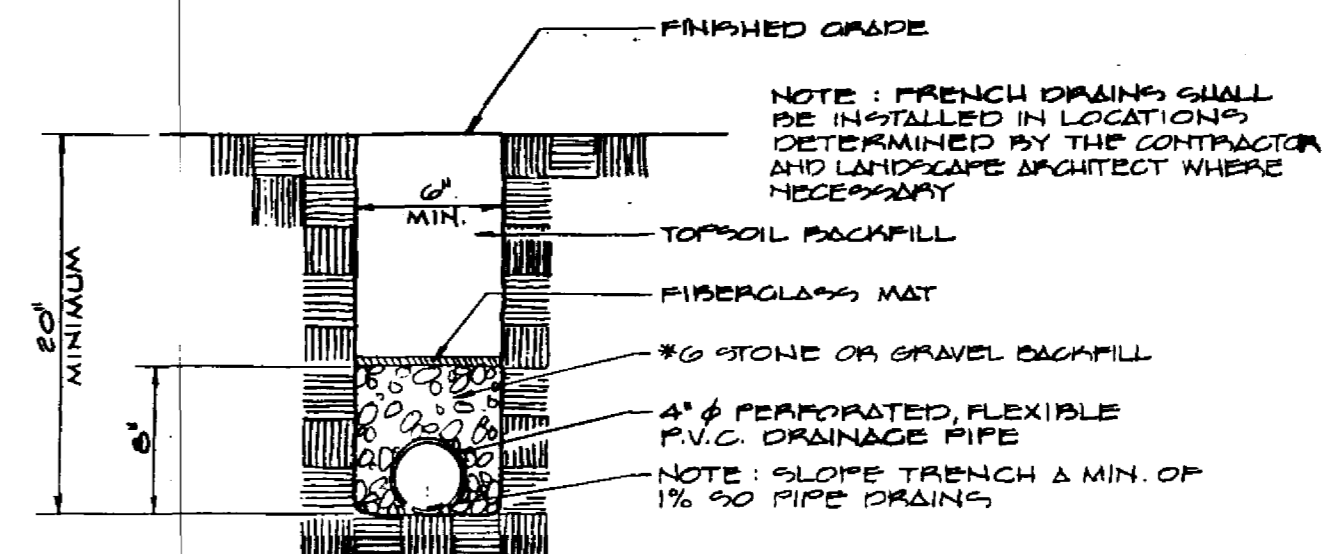
SHRUB PLANTING DETAIL

SCALE: 3/8" = 1'-0"



DRAINAGE SUMP DETAIL (PROVIDE 20 SUMPS IN BASE BID)

SCALE: 3/8" = 1'-0"

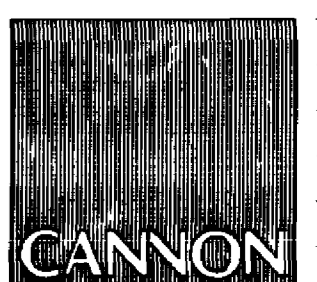


FRENCH DRAIN DETAIL (PROVIDE 400 LF IN BASE BID)

SCALE: 1" = 1'-0"

PLANT LIST

ABBREY.	BOTANICAL NAME	COMMON NAME	MINIMUM		BALL DIA.	NO. CANE	COMMENTS	
			CALIPER	SPREAD				
Acer	Acer rubrum 'October Glory'	October Glory Red Maple	3"	5'	14"	1		
Betu	Betula nigra 'Heritage'	Heritage River Birch	4"	10'	32"	2-4		
Gerj	Gercidiphyllum japonicum	Katsuracree	2"/cane	6"	10"	3-5	Specimen quality	
Fras	Fraxinus americana 'Autumn Purple'	Autumn Purple Ash	3"	5'	14"	1		
Gled	Gleditsia tri. in. 'Moraine'	Moraine Locust	3"	5'	14"	1		
Koel	Koeleruteria paniculata	Goldenraintree	3"	5'	12"	1		
Ulm	Ulmus parvifolia	Limdbark Elm	3"	5'	12"	1		
Crat	Crataegus viridis 'Winter King'	Winter King Hawthorn	2"	4'	6-7"	1		
Magv	Magnolia virginiana 'Henry Hicks'	Henry Hicks Sweetbay Magnolia	1 1/2"/cane	5'	7-8"	28"	1	Evergreen variety
Malu	Malus zumi 'Colocarya'	Zumi Crabapple	2"	4'	6-7"	24"	1	
Picea	Picea abies	Norway Spruce	5"	8'	28"	1	Medium Shear	
Pinn	Pinus nigra	Austrian Pine	3"	6'	22"	1	Medium Shear	
Berb	Berberis atropurpurea 'Crimson Pygmy'	Crimson Pygmy Barberry		18"	15"	3 gal.	5-7	
Coto	Cotoneaster dammeri 'Coral Beauty'	Coral Beauty Cotoneaster		18"	15"	3 gal.	5-7	
Hydr	Hydrangea quercifolia	Oakleaf Hydrangea		20"	20"	12"	7-10	
Ilex	Ilex x meserveae 'China Girl'	China Girl Holly		18"	24"	5 gal.	5-7	Use 10% 'China Boy'
Junc	Juniperus conferta 'Blue Pacific'	Blue Pacific Juniper		18"	15"	10"	4-6	
Pyra	Pyracantha coccinea 'Kasun'	Kasun Pyracantha		20"	24"	5 gal.	5-7	
Taxu	Taxus media 'Wardii'	Ward's Yew		18"	15"	10"	4-6	
Viba	Viburnum x rhytidophylloides 'Alleghany'	Alleghany Viburnum		20"	36"	14"	7-10	
Vibb	Viburnum x burkwoodii	Burkwood Viburnum		20"	36"	14"	7-10	
Vibj	Viburnum x 'Judii'	Judd Viburnum		20"	36"	14"	7-10	
Euoc	Euonymus fortunei 'Coloratus'	Coloratus Wintercreeper				2 1/2" Pot	2-3 Runners 3-4" Length	Planted @ 9" o.c.



ARCHITECTURE ENGINEERING INTERIOR DESIGN

Boston Buffalo New York St. Louis Washington

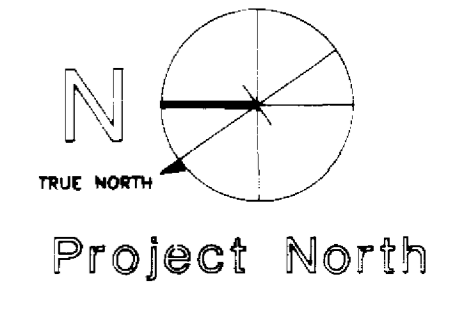
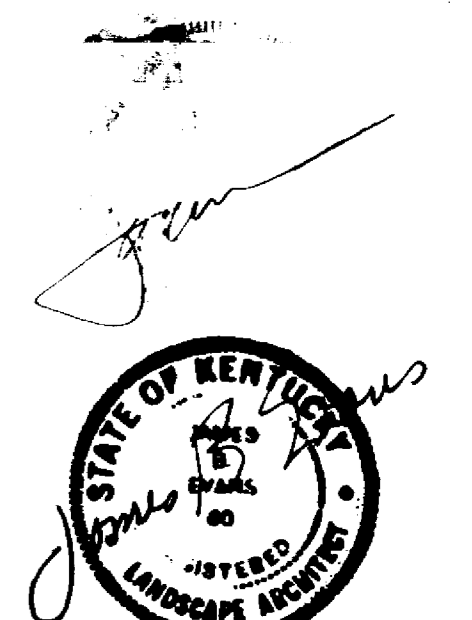
165 North Meramec, Suite 600 St. Louis, Missouri 314-862-5660

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ARCHITECTURE ENGINEERING PLANNING INTERIORS

326 South Broadway Lexington, Kentucky 606-254-6623

JAMES B. EVANS & ASSOCIATES LANDSCAPE ARCHITECTS AND DESIGNERS 200 NORTH BROADWAY LEXINGTON, KENTUCKY 40502-1000



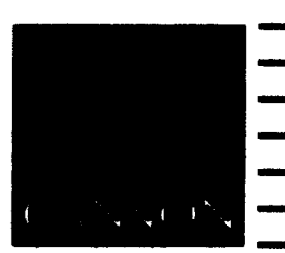
Revision Date
Issue Date **DEC. 92**
Drawing Title **PLANTING DETAILS**

Drawn by **EKS**
Checked by **JBE**

Project No. **747.0** Scale **AS SHOWN**
Drawing No. **2.6**

RECORD DRAWINGS
DATE: **9-14-95**
JAMES B. EVANS & ASSOCIATES

University of Kentucky Lexington, Kentucky
FINAL DOCUMENTS



ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
Boston
Buffalo
New York
St. Louis
Washington

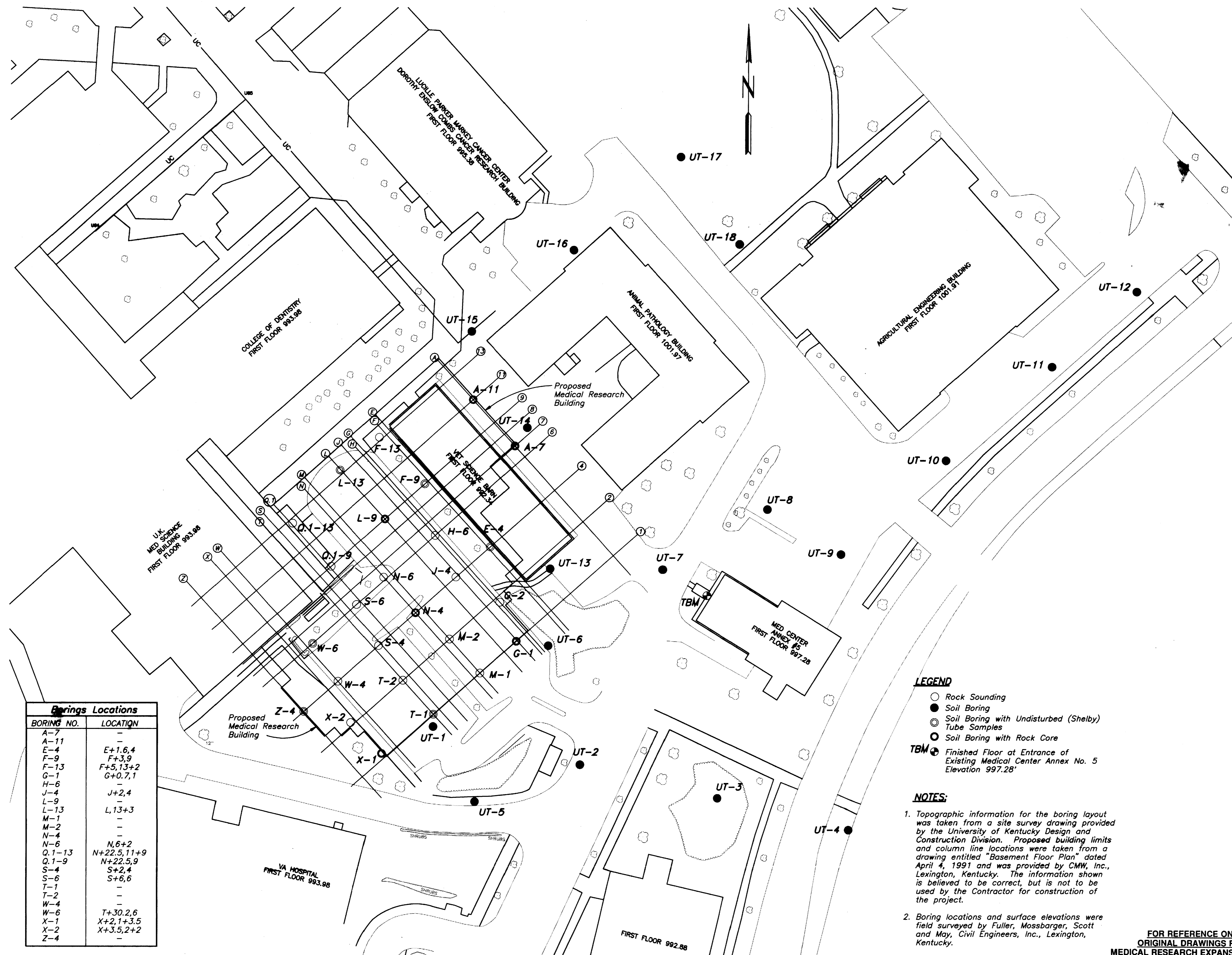
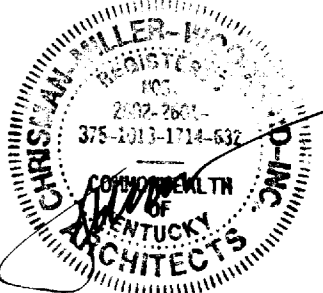
145 North Mercers, Suite 600
St. Louis, Missouri
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ARCHITECTURE ENGINEERING
PLANNING INTERIORS

326 South Broadway
Lexington, Kentucky
606-254-6623



Borings Locations	
BORING NO.	LOCATION
A-7	-
E-4	E+1,6,4
F-9	F+3,9
F-13	F+5,13+2
G-1	G+0,7,1
H-6	-
J-4	J+2,4
L-9	-
L-13	L,13+3
M-1	-
M-2	-
N-4	-
N-6	N,6+2
Q,1-13	N+22,5,11+9
Q,1-9	N+22,5,9
S-4	S+2,4
S-6	S+6,6
T-1	-
T-2	-
W-4	-
W-6	T+30,2,6
X-1	X+2,1+3,5
X-2	X+3,5,2+2
Z-4	-

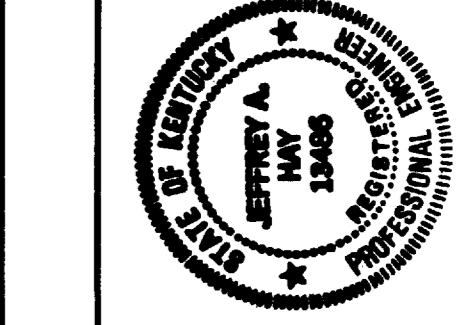
- LEGEND**
- Rock Sounding
 - Soil Boring
 - ◎ Soil Boring with Undisturbed (Shelby) Tube Samples
 - Soil Boring with Rock Core
- TBM** ● Finished Floor at Entrance of Existing Medical Center Annex No. 5 Elevation 997.28'

- NOTES:**
- Topographic information for the boring layout was taken from a site survey drawing provided by the University of Kentucky Design and Construction Division. Proposed building limits and column line locations were taken from a drawing entitled "Basement Floor Plan" dated April 4, 1991 and was provided by CMW, Inc., Lexington, Kentucky. The information shown is believed to be correct, but is not to be used by the Contractor for construction of the project.
 - Boring locations and surface elevations were field surveyed by Fuller, Mossbarger, Scott and May, Civil Engineers, Inc., Lexington, Kentucky.

FOR REFERENCE ONLY
ORIGINAL DRAWINGS FROM
MEDICAL RESEARCH EXPANSION SPACE
PROJECT NO. 747.0

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FINAL DOCUMENTS



GEOTECHNICAL EXPLORATION
FULLER, MOSSBARGER, SCOTT AND MAY
CIVIL ENGINEERS, INC.
1408 N. FORBES ROAD, LEXINGTON, KENTUCKY 40508
LEXINGTON • LOUISVILLE • CINCINNATI

DATE	APRIL, 1992	SHEET	1 OF 3
DRAWN BY	J.A.C.	PROJECT NO.	91200
CHECKED BY	J.A.H.	SCALE	1"=30'

Revision	Date
Issue	Date
Drawing Title	
Drawn by	KAM RLH BW JRS MTM
Checked by	MTF JFS
Project No.	Scale
Drawing No.	2.7

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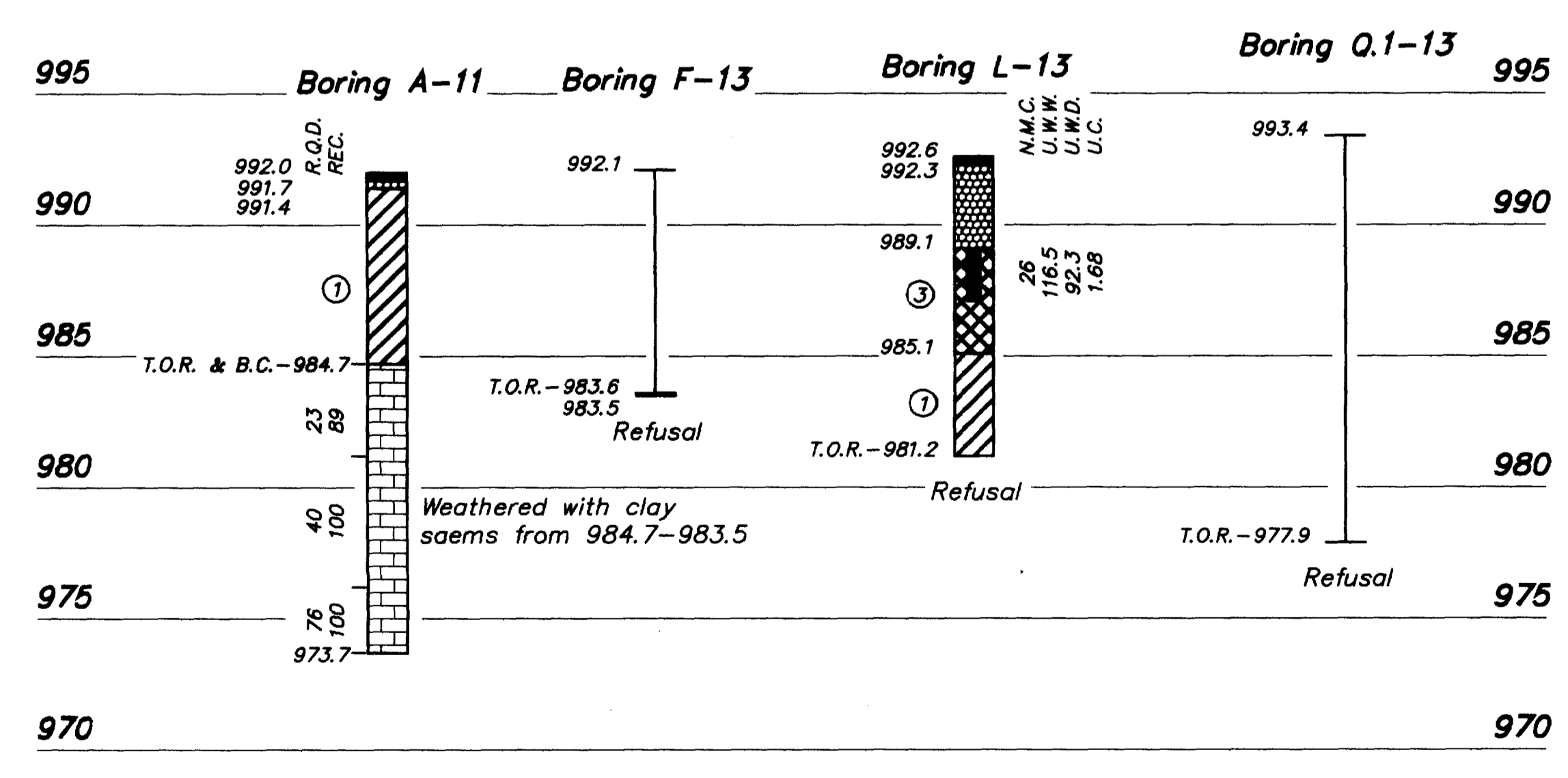
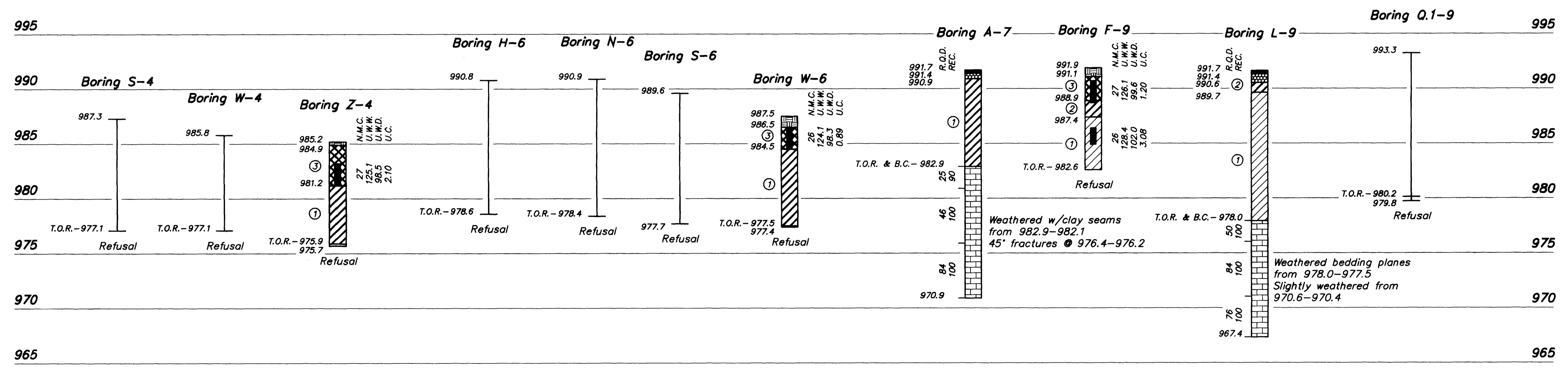
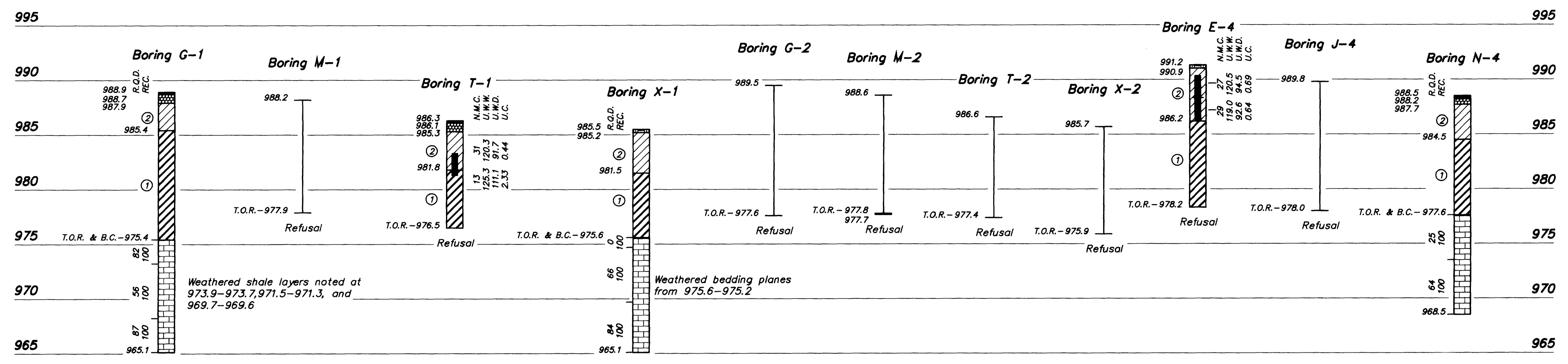
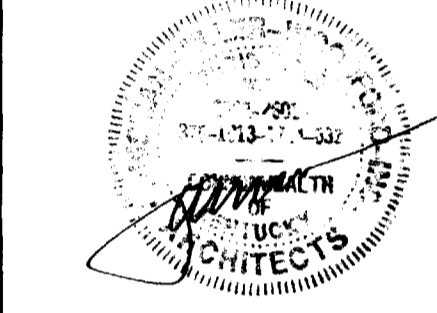
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St. Louis, Missouri
314-862-5680

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ARCHITECTURE ENGINEERING
PLANNING INTERIORS

326 South Broadway
Lexington, Kentucky
606-254-6623



LOGS OF BORINGS
Scale: 1"=5' (Vert. Only)

SOIL SUMMARY

SAMPLE NO.	1	2
STATION	W-6	J-4
DEPTH	1'-10"	2'-0"-3'-3"
COMPOSITION	GRAVELL (-#4 + No. 200)	0
of Total Sample	18	21
SHIM (-No. 200 +0.006mm)	30	24
CLAY (-0.006mm)	54	31
LIQUID LIMIT	57	42
PLASTIC LIMIT	23	21
PLASTICITY INDEX	34	21
ACTIVITY INDEX	0.7	0.6
SPIGONIC GRAVITY	2.80	2.70
ASHBY CLASSIFICATION	A-7-B(31)	A-7-B(15)
UNIFIED CLASSIFICATION	CH	CL
CALC. BEARING RATIO	98.3	103.3
MAXIMUM DRY DENSITY (pcf)	24.1	19.3
OPTIMUM MOISTURE (%)		

LEGEND

- Pavement
- Dense Graded Aggregate
- Topsoil
- ① Fat Clay with Sand, contains manganese concretions and chert fragments, rust to brown, moist, medium stiff to very stiff (Residual)
- ② Lean Clay with Sand, dark brown to dark gray, moist, soft to stiff (Fill)
- ③ Fat Clay with Sand and construction debris, rust to brown, moist, medium stiff to very stiff (Fill)
- Limestone, gray, fine to coarsely crystalline grained with argillaceous and fossiliferous zones, contains calcite filled fractures and vugs, with shale stringers, partings and layers ($\le 0.2''$) throughout
- Undisturbed Thin-Walled (Shelby) Tube Sample
- N.M.C. Natural Moisture Content (%)
- U.W.W. Unit Weight Wet (lbs./cu.ft.)
- U.W.D. Unit Weight Dry (lbs./cu.ft.)
- U.C. Unconfined Compressive Strength (tons/sq. ft.)
- B.C. Begin Core
- T.O.R. Top of Rock (Indicates the beginning of rock-like resistance to the advancement of the augers. This may indicate the beginning of weathered bedrock, boulders or rock remnants. An exact determination cannot be made without performing rock coring.)
- Refusal Auger Refusal using a carbide-tipped tooth auger bit
- No Refusal No Refusal Encountered
- R.Q.D. Rock Quality Designation(%)
- REC Recovery(%)

NOTE:
The boring logs and related information shown on these drawings depict approximate subsurface conditions only at the specific boring locations noted and at the time of drilling. Conditions at other locations may differ from those occurring at the boring locations. Also, the passage of time may result in a change in the subsurface conditions at the boring locations. Any correlations shown between borings are generally based on straight line interpolation. Actual conditions between borings are unknown and may differ from those shown.

FAILURE TO ABIDE BY DESIGN DOCUMENTS OR TO OBTAIN GUIDANCE
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**FOR REFERENCE ONLY
ORIGINAL DRAWINGS FROM
MEDICAL RESEARCH EXPANSION SPACE
PROJECT NO. 747.0**

FINAL DOCUMENTS

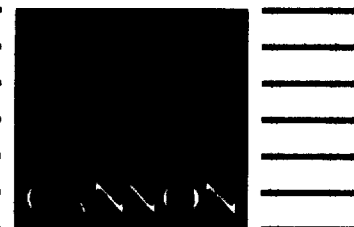
GEOTECHNICAL EXPLORATION

FULLER, MOSBARGER, SCOTT AND MAY
CIVIL ENGINEERS, INC.
1400 N. FOREST ROAD, LEXINGTON, KENTUCKY, 40511
LEXINGTON • LOUISVILLE • CHANNATTI

DATE: APRIL, 1992
PROJECT NO. 81200
CHECKED BY: J.A.H. SCALE: AS SHOWN

REVISION 2 OF 3

Revision _____ Date _____
Issue Date _____
Drawing Title _____
Scale _____
Drawn by _____
Checked by _____
Project No. _____
Drawing No. **28**



ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

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New York
St. Louis
Washington

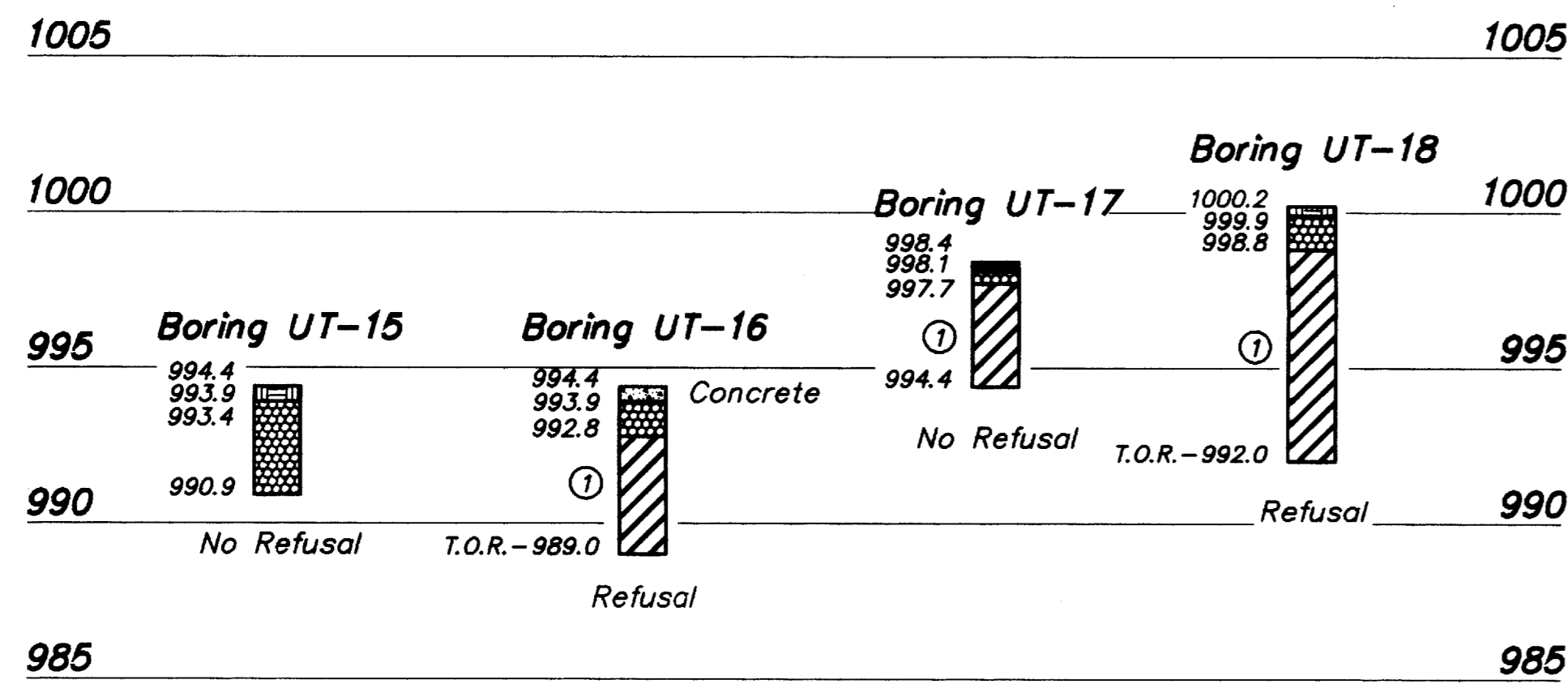
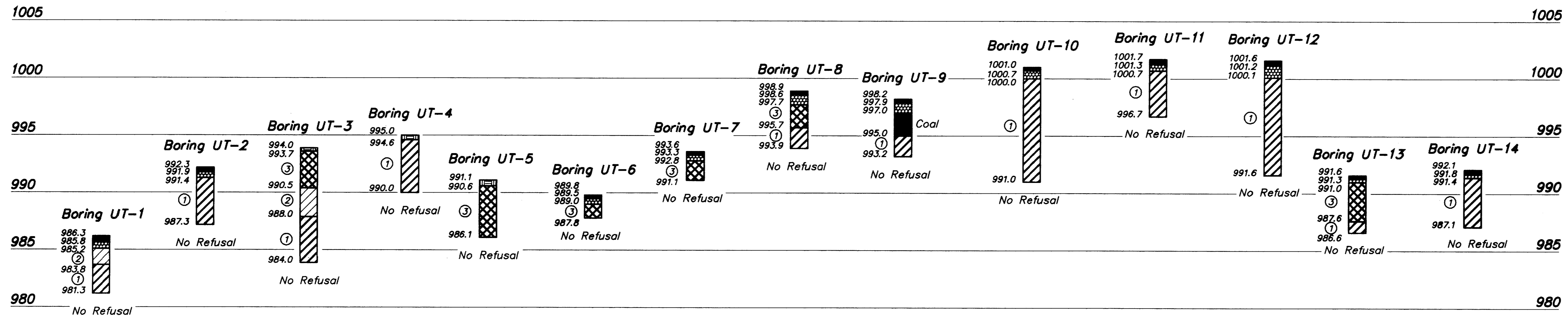
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LOGS OF BORINGS
Scale: 1"=5' (Vert. Only)

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FOR REFERENCE ONLY
ORIGINAL DRAWINGS FROM
MEDICAL RESEARCH EXPANSION SPACE
PROJECT NO. 747.0

FINAL DOCUMENTS

GEOTECHNICAL EXPLORATION

FULLER, MOSSBARGER, SCOTT AND MAY
CIVIL ENGINEERS, INC.
1409 N. FORBES ROAD, LEXINGTON, KENTUCKY 40511
LEXINGTON • LOUISVILLE • CINCINNATI

DATE: APRIL, 1992
H.D.P. PROJECT NO. 91200
J.A.C. PROJECT NO. 1
J.A.H. SCALE AS SHOWN

REVISIONS

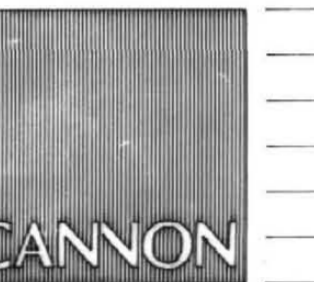
NO.	DATE	DESCRIPTION
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2		
3		
4		

Drawn by: KAM RUI BW JRS MTW
Checked by: MTF JFS
Project No. Scale
Drawing No. 29

Revision Date
Issue Date
Drawing Title

Drawn by
Checked by
Project No. Scale

Drawing No. 29



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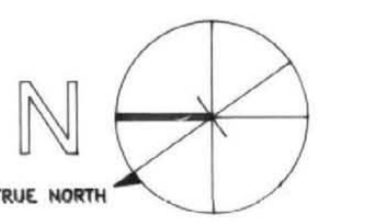
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2041 REGENCY CIRCLE
Lexington, Kentucky 40503



Thomas R. McReynolds



Project North

Revision: _____ Date: _____
Issue Date: Dec. 92
Drawing Title:

BASEMENT FLOOR
AND FOUNDATION
PLAN

Drawn by: GW JF MLM

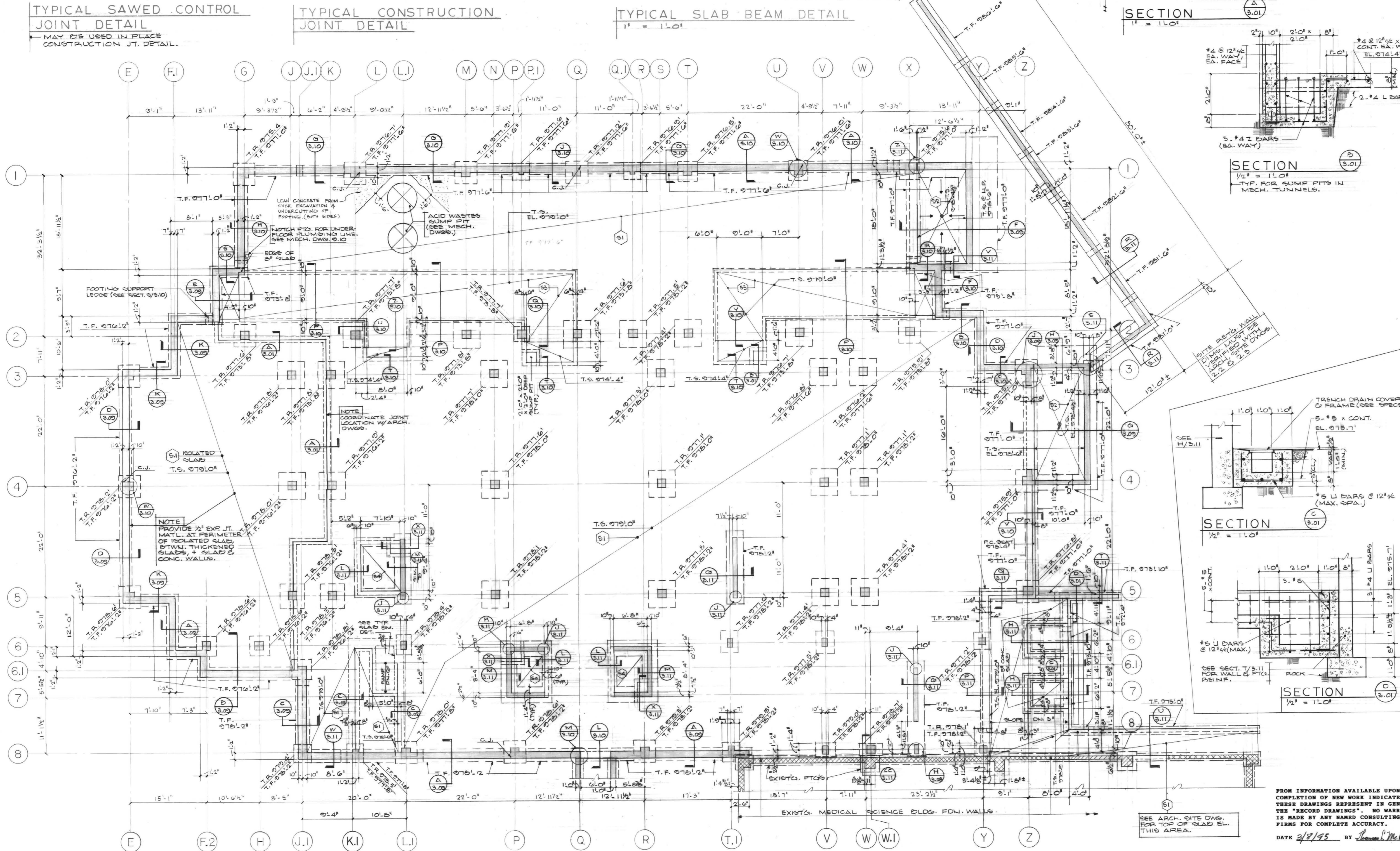
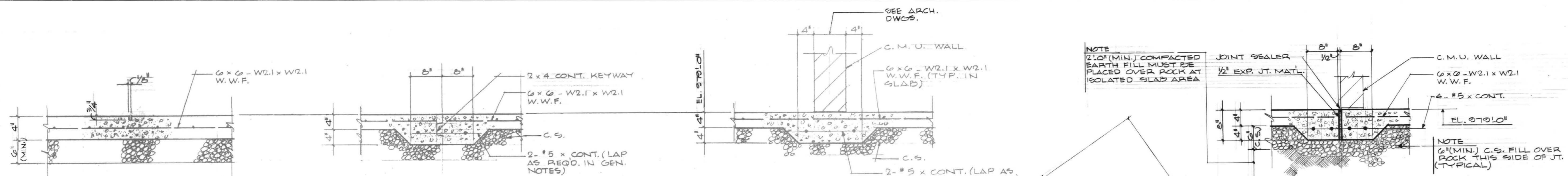
Checked by: T.McR.

Project No. _____ Scale: _____

747.0 1/8" = 1'-0"

Drawing No. _____

3-01



BASEMENT FLOOR AND FOUNDATION PLAN

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

- (B) INDICATES 4" CONC. SLAB REINFORCED WITH 6x6-W2.1xW2.1 WELDED WIRE FABRIC. CONC. SLAB TO BE POURED OVER 6(MIN.) CRUSHED STONE FILL ON GRADE.
- (C) INDICATES 4(MIN.) CONC. SLAB REINFORCED WITH 6x6-W2.1xW2.1 W.W.F. (SLOPE TOP OF SLAB TO DRAINS). CONC. SLAB TO BE POURED OVER 6(MIN.) C.S. FILL ON GRADE.
- (S) INDICATES 8" STRUCTURAL SLAB TOP OF SLAB = EL. 0710.0'
- (SA) INDICATES 6" CONC. SLAB OVER 6(MIN.) C.S. FILL (SEE ELEVATOR PIT SECTS. FOR REINF.) TOP OF SLAB = EL. 0741.0'(MAX.)
- C.J. - INDICATES CONTROL JOINT IN FON. WALL SEE PLAN FOR LOCATION & W/S.10

- (S) INDICATES 8" STRUCTURAL SLAB TOP OF SLAB = EL. 0710.0'
- (SA) INDICATES 6" CONC. SLAB OVER 6(MIN.) C.S. FILL (SEE ELEVATOR PIT SECTS. FOR REINF.) TOP OF SLAB = EL. 0741.0'(MAX.)
- C.J. - INDICATES CONTROL JOINT IN FON. WALL SEE PLAN FOR LOCATION & W/S.10

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University of Kentucky
Lexington, Kentucky

FINAL DOCUMENTS

Project No. _____ Date: _____
Scale: _____
Drawing Title: _____

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DATE 3/8/95 BY Thomas R. McReynolds

SEE ARCH. SITE DWG. FOR TOP OF SLAB EL. THIS AREA.

SECTION C-01
1/2" = 1'-0"

SECTION B-01
1/2" = 1'-0"

SECTION A-01
1/2" = 1'-0"

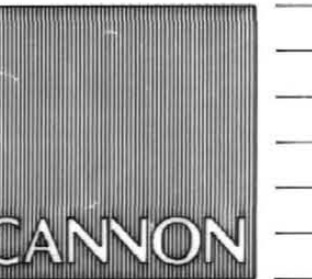
SECTION D-01
1/2" = 1'-0"

SECTION E-01
1/2" = 1'-0"

SECTION F-01
1/2" = 1'-0"

SECTION G-01
1/2" = 1'-0"

SECTION H-01
1/2" = 1'-0"



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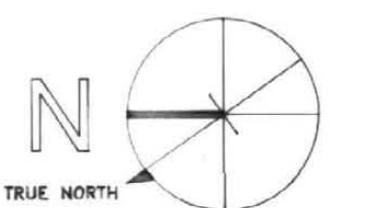
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Thomas L. McReynolds



Project North

Revision: _____ Date: _____
Issue Date: Dec. 92

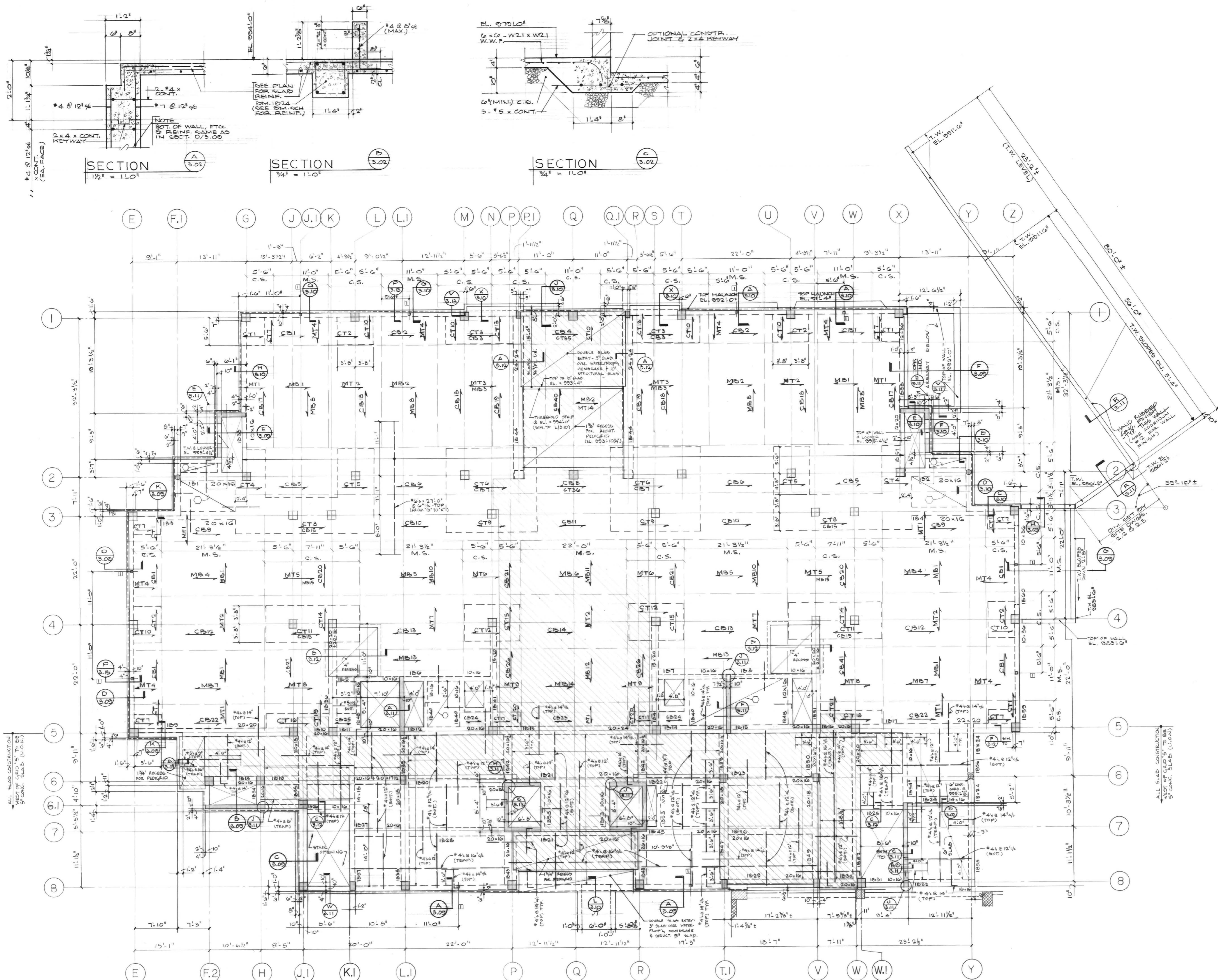
Drawing Title:
FIRST FLOOR FRAMING PLAN

Drawn by: JF GW MLM

Checked by: T.McR.

Project No. _____ Scale: _____
747.0 1/8" = 1' - 0"

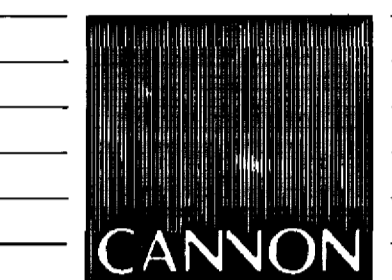
Drawing No. **3-02**



FIRST FLOOR FRAMING PLAN
SCALE: 1/8" = 1'-0"
TOP OF SLAB ELEVATION = 994.0' (U.O.N.)
10' FLAT SLAB WITH 6" DROP PANELS TYPICAL (U.O.N.)
INDICATES 5" CONC. SLAB, REINF. W/ #4 @ 12" (BOT. BA.WAY) & #4 @ 14" (TOP - AROUND SLAB PERIMETER & 25% OF SPAN LENGTH FROM FACE OF BM. OR SUPPORT.)
HATCHING INDICATES SLAB IS RECESSED 1/2" (U.O.N.) - (TOP OF SLAB EL. = 993.102'). TRUSS REINFORCEMENT WHEREVER DROPS OCCUR IN SLAB OR BM. SEE ARCHT. DWGS. FOR LIMITS OF RECESSED AREAS.
INDICATES 12x4x9" COL. - STAUT. SEE SECT. P.2/B.3.

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Project No.	747.0
Scale	1/8" = 1' - 0"
Sheet No.	3-02
Project Name	University of Kentucky Lexington, Kentucky
Design Stage	FINAL DOCUMENTS



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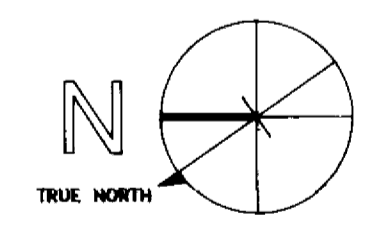
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Thomas L. McReynolds



Project North

Revision: _____ Date: _____
Issue Date: Dec. 92
Drawing Title: _____

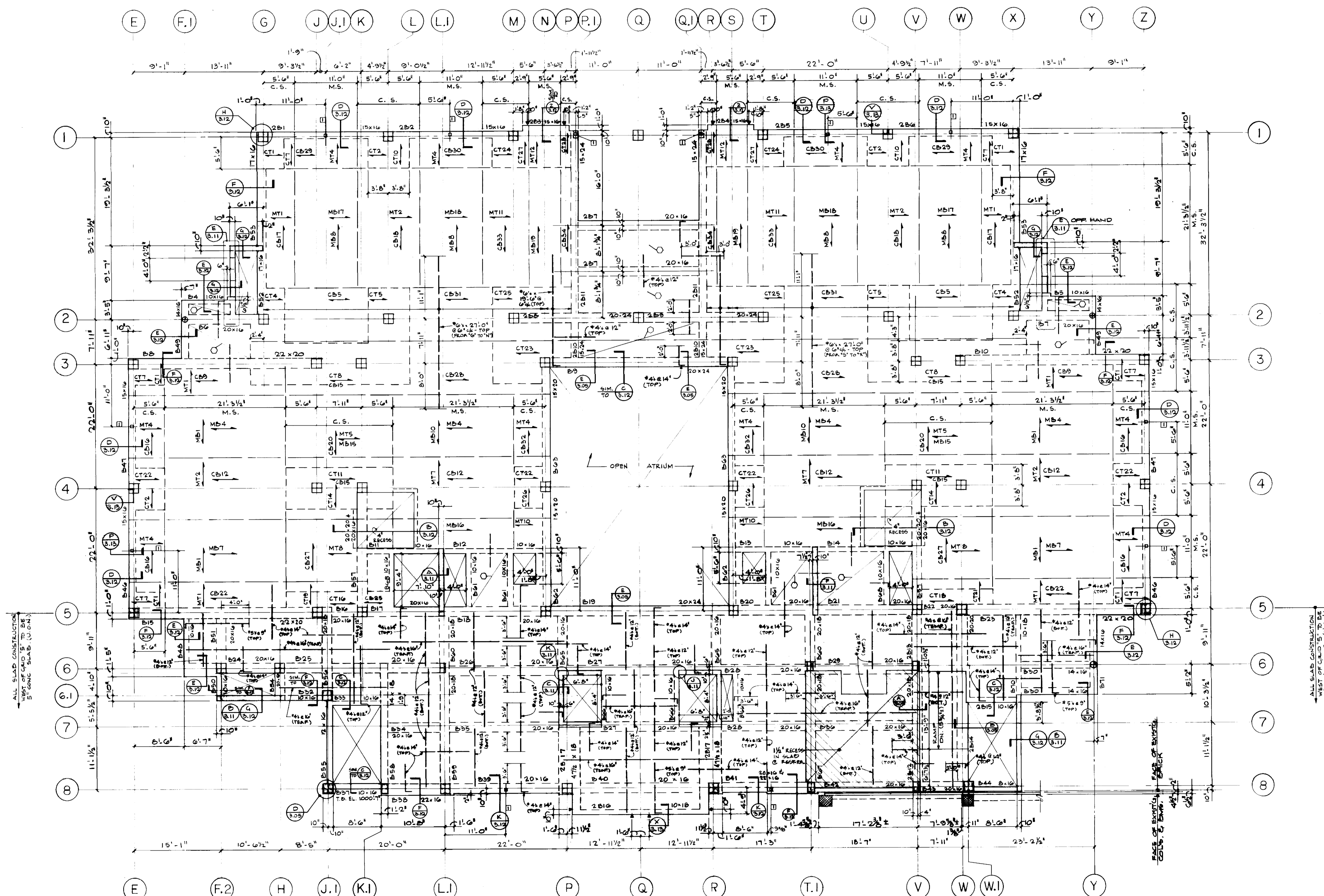
SECOND FLOOR
FRAMING PLAN

Drawn by: JF MLM GW

Checked by: T.McR.

Project No. _____ Scale: _____
747.0 1/8" = 1'-0"

3-03



SECOND FLOOR FRAMING PLAN

- SCALE: 1/8" = 1'-0"
- TOP OF SLAB ELEVATION = 1007.7' (U.O.N.)
- 10' FLAT SLAB WITH 6" DROP PANELS TYPICAL (U.O.N.)
- INDICATES 5" CONC. SLAB. REIN W/ #4 @ 12" (BOT.-EA. WAY) & #4 @ 14" (TOP- AROUND SLAB PERIMETER @ 25% OF SPAN LENGTH FROM FACE OF BM. OR SUPPORT)
- ▲ - INDICATES 6" OF RC. PANEL LOAD POINT
- BRICK RELIEF ANGLES NOT SHOWN ON FLOOR PLAN DUE TO CONGESTION. FOR SIZE AND LOCATION COORDINATE BETWEEN STRUCTURAL SECTIONS (DWG. 512) AND ARCHITECTURAL SECTIONS, EXTERIOR BLDG. ELEVATIONS.

□ - INDICATES 10 1/2" x 4" x 3/8" COL. - STRUT
C66 - SECT. 17.2.13

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Project No.	
Date	
Drawn by	JF MLM GW
Checked by	T.McR.
Project No.	747.0
Scale	1/8" = 1'-0"
Drawing No.	3-03

FINAL DOCUMENTS

Document # 00288



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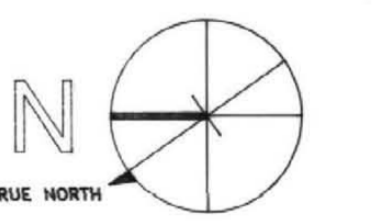
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Thomas L. McReynolds



Project North

Revision: _____ Date: _____
 Issue Date: Dec. 92
 Drawing Title: _____

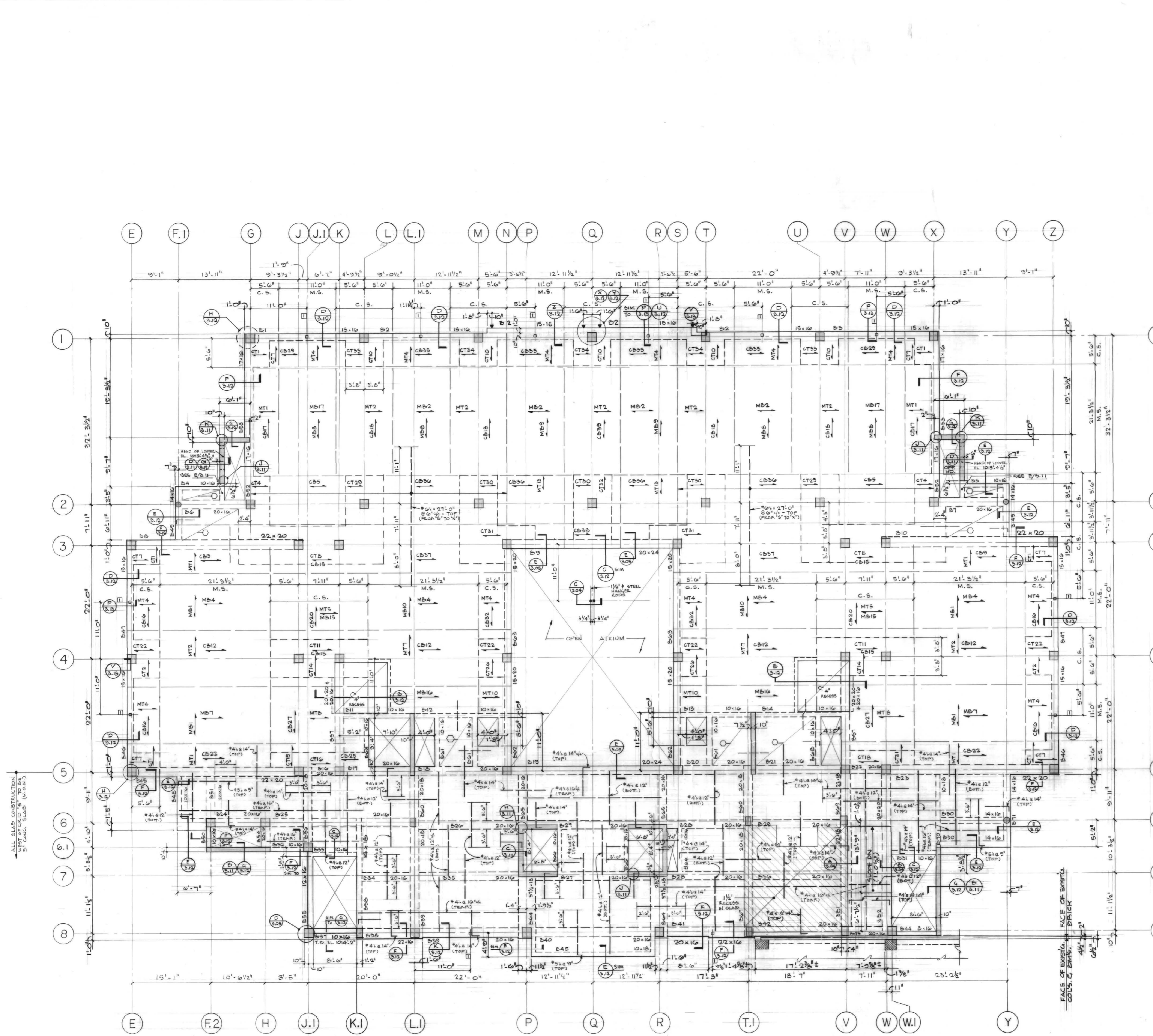
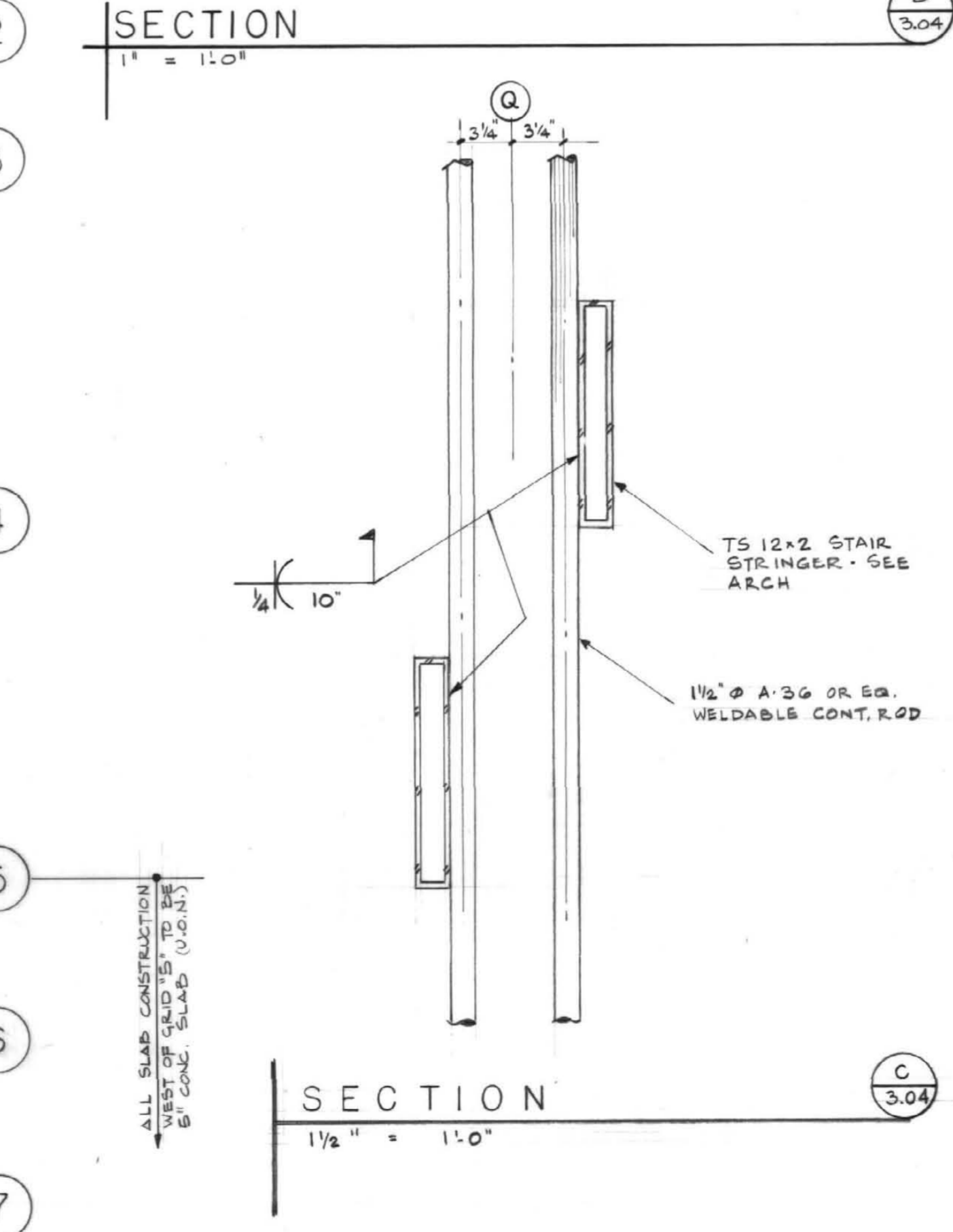
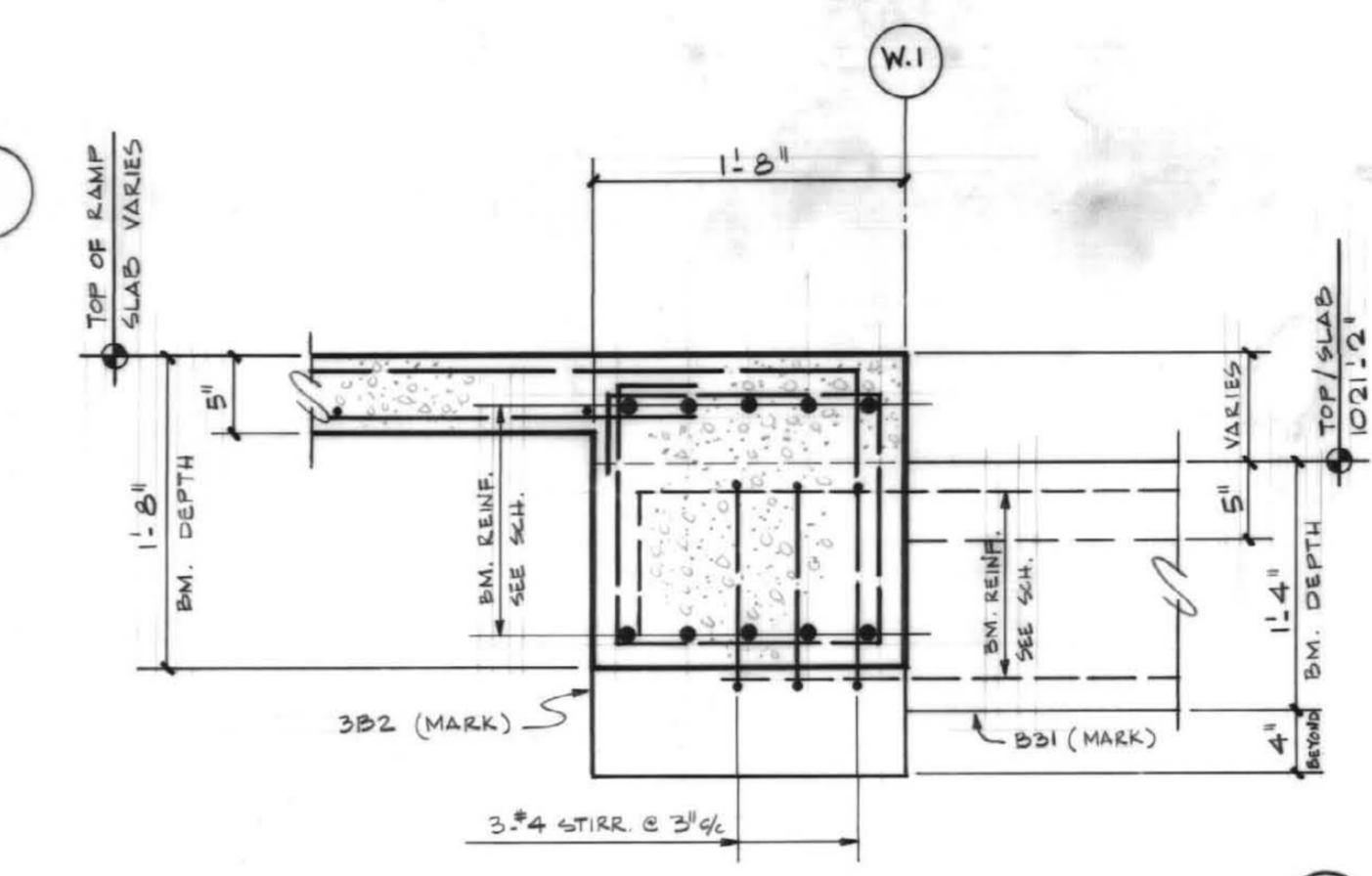
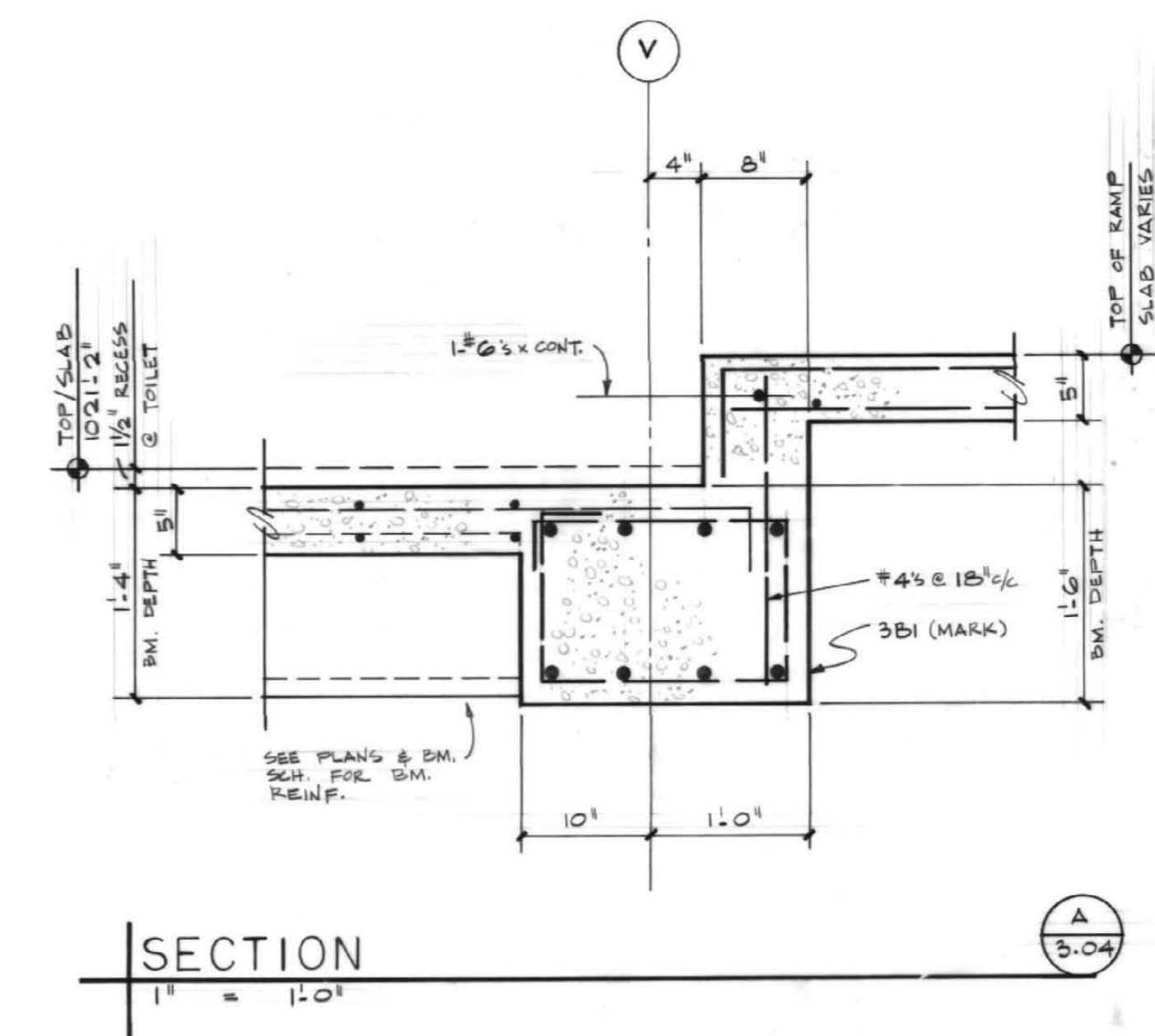
THIRD FLOOR
 FRAMING PLAN

Drawn by: JF GW MLM

Checked by: T.McR.

Project No. _____ Scale: _____
 747.0 1/8" = 1'-0"

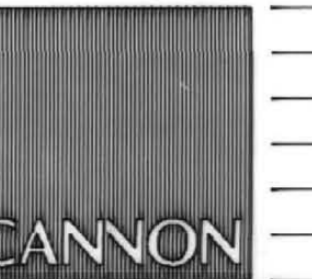
Drawing No. **3-04**



THIRD FLOOR FRAMING PLAN
 SCALE: 1/8" = 1'-0"
 - TOP OF SLAB ELEVATION = 1021.2' (U.O.N.)
 - 10" FLAT SLAB WITH 6" DROP PANELS TYPICAL (U.O.N.)
 - INDICATES 5" CONC. SLAB, REIN. W/ #4 @ 12" (BOT. - BA.WAY) & 4# @ 14" (TOP - AROUND PERIMETER @ 25% OF SPAN LENGTH FROM FACE OF BM. OR SUPPORT.)
 - BRICK RELIEF ANGLES NOT SHOWN ON FLOOR PLAN DUE TO CONGESTION. FOR SIZE AND LOCATION COORDINATE BETWEEN STRUCTURAL SECTIONS (DWG. 3-12) AND ARCHITECTURAL SECTIONS / EXTERIOR ELEVATIONS.
 - INDICATES 6" x 6" x 9" STL. COL. STRUT SEE DWG. 2-13
 - INDICATES # OF RC. PANEL LOAD POINT.

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project no.	
date	
des. by	
chk. by	
revision	
drawing	
approved by	FINAL DOCUMENTS
designer - design and construction division	



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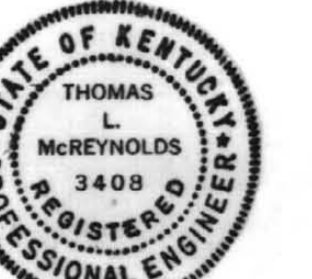
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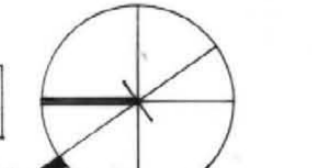
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Thomas L. McReynolds



Project North

Revision: _____ Date: _____
Issue Date: Dec. 92

Drawing Title:
FOURTH FLOOR
FRAMING PLAN

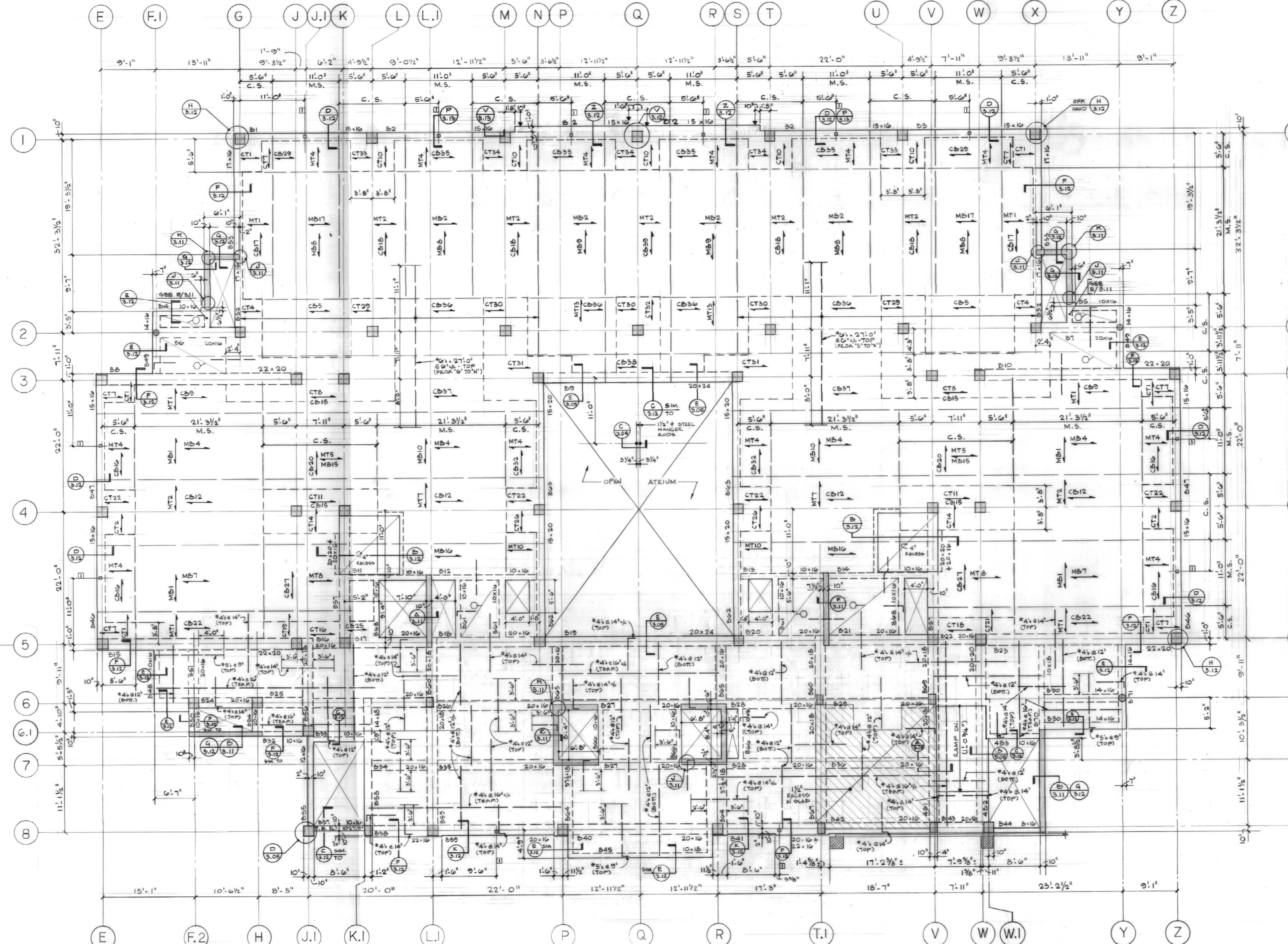
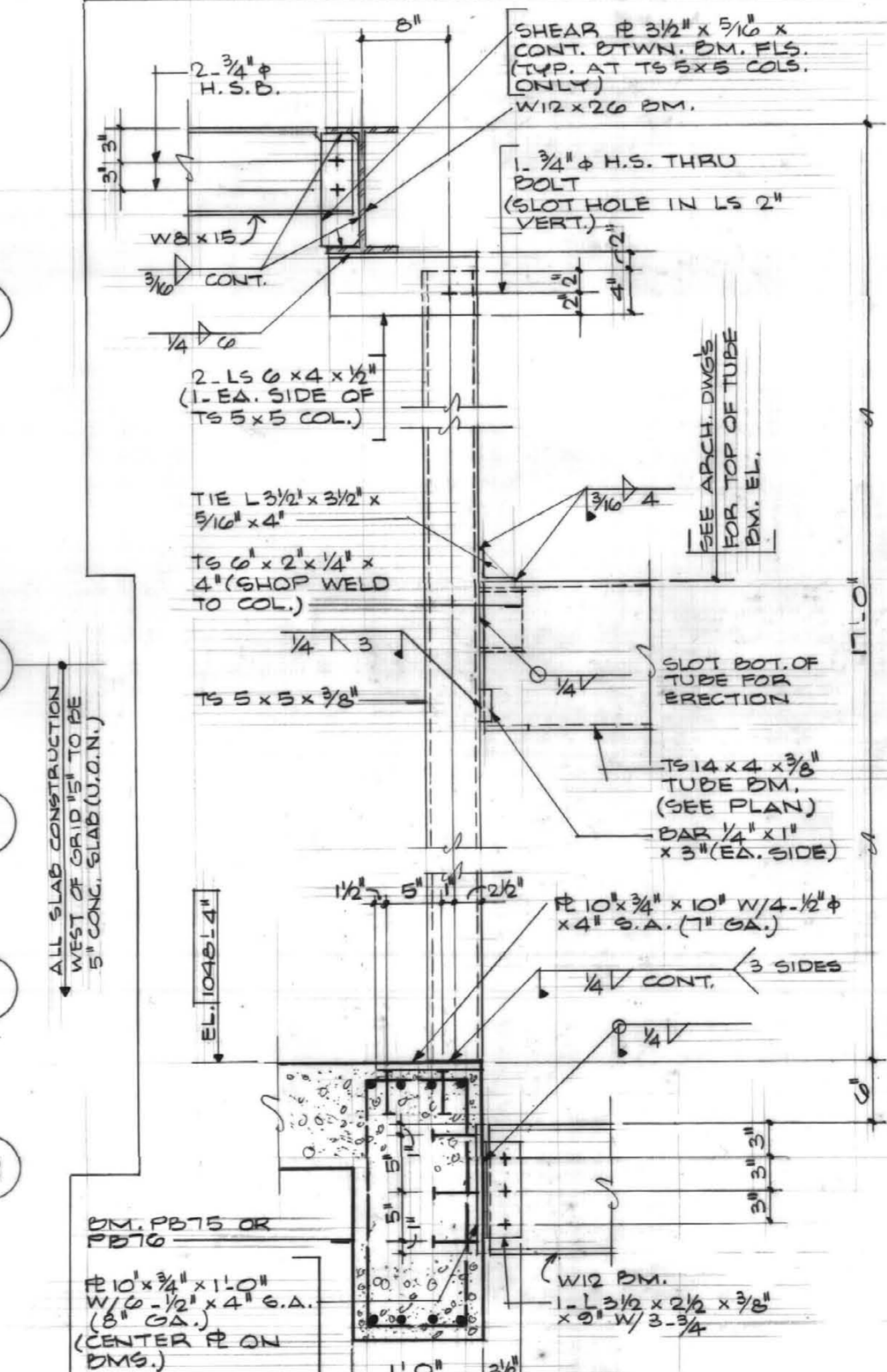
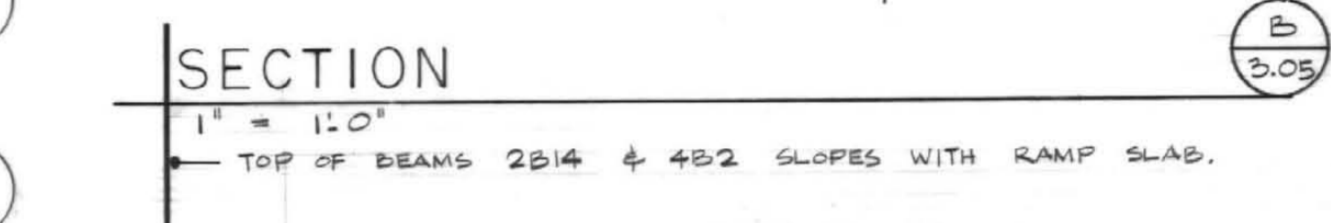
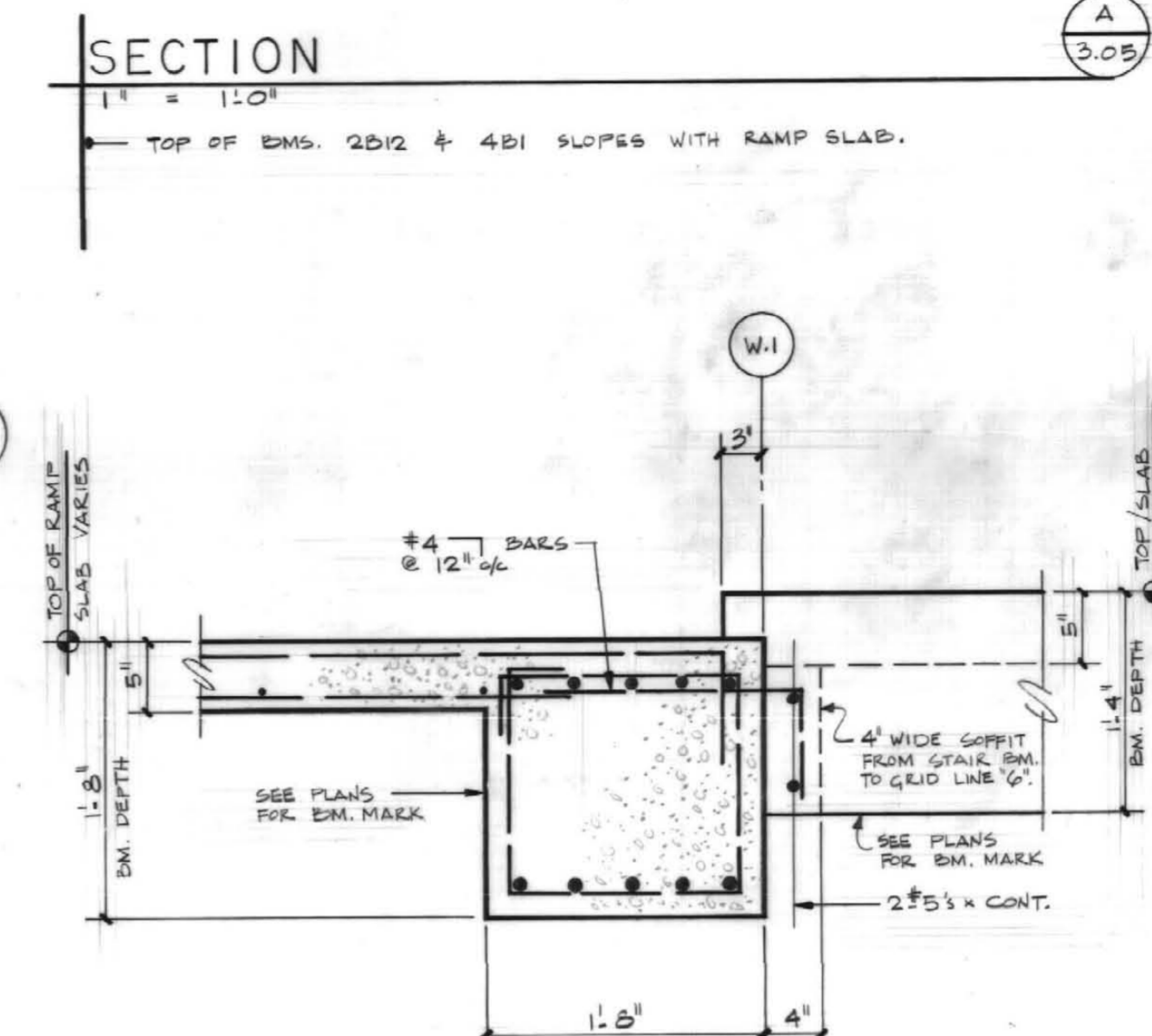
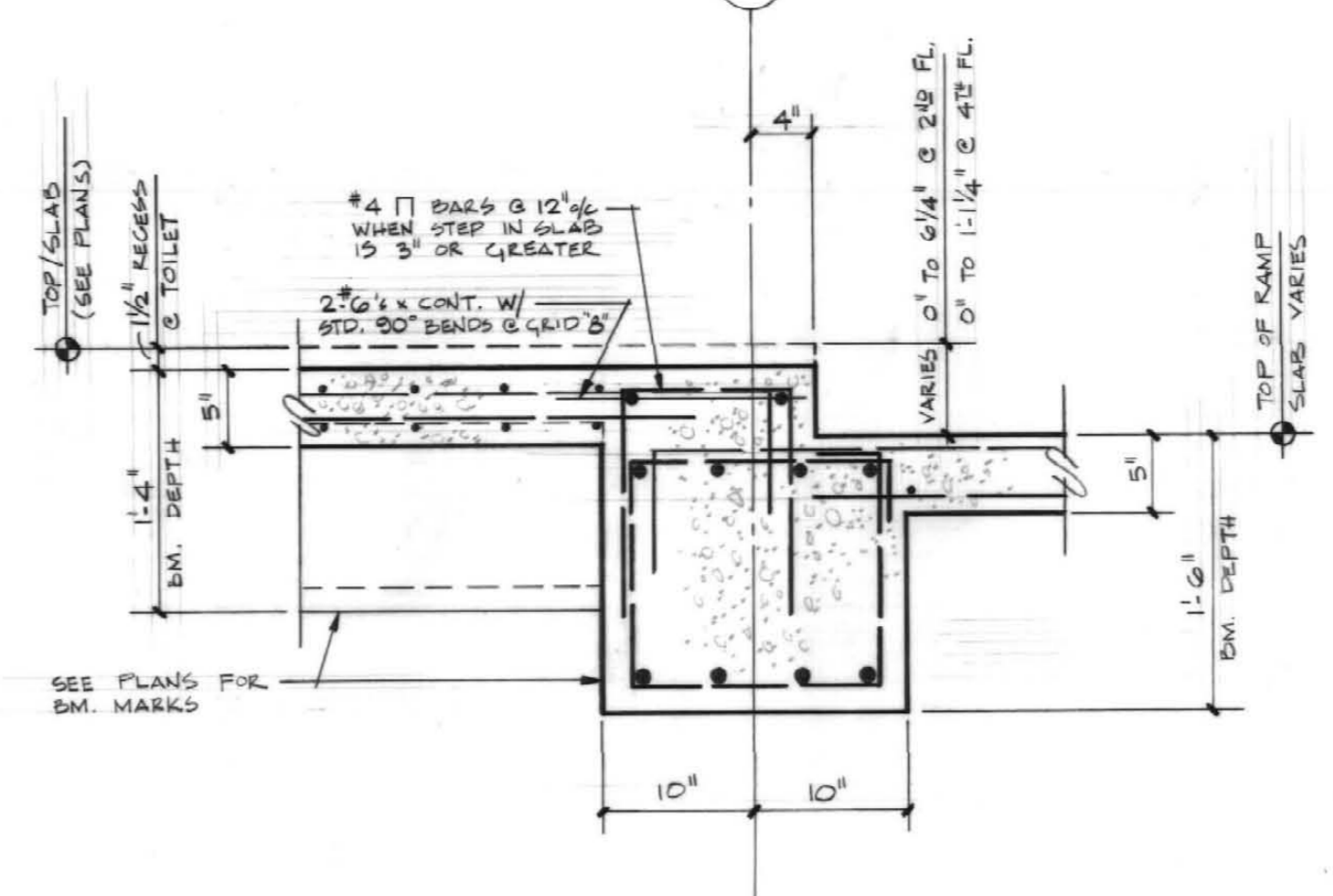
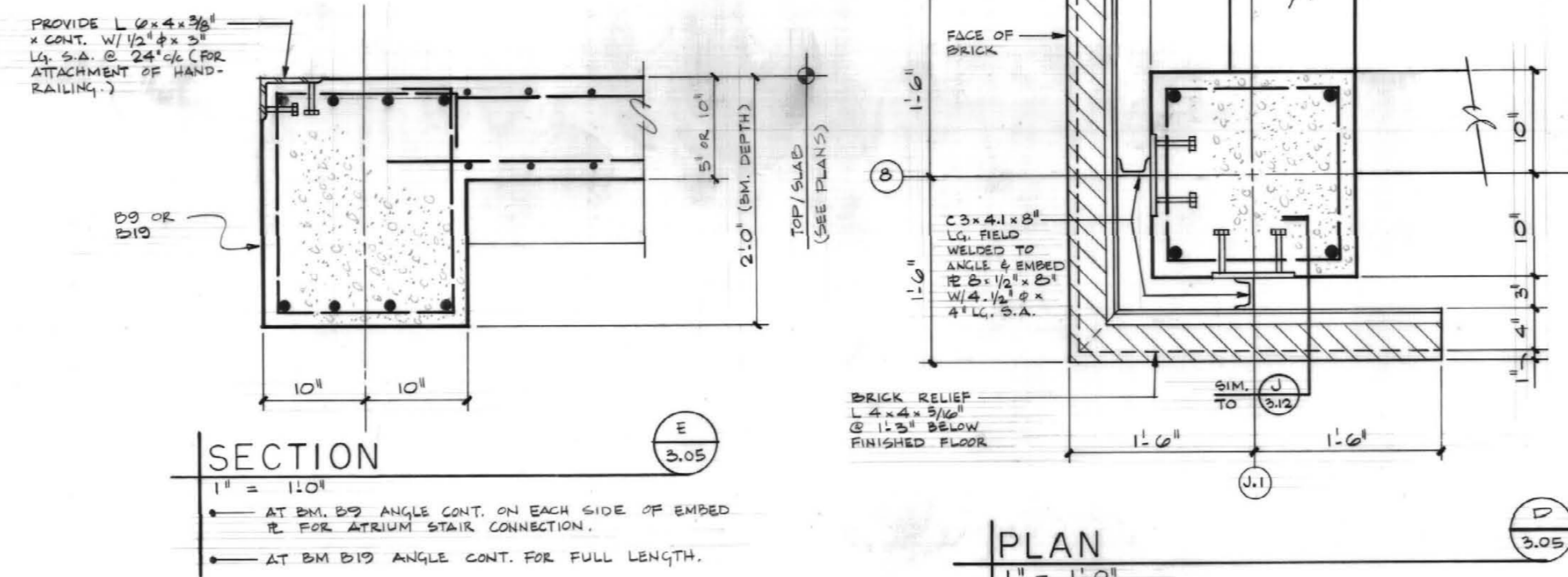
Drawn by: J.F. GW. MLM

Checked by: T.McR.

Project No. _____ Scale: _____
747.0 1/8" = 1'-0"

Drawing No. _____

3-05



FOURTH FLOOR FRAMING PLAN

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DATE 3/1/95 BY Thomas L. McReynolds

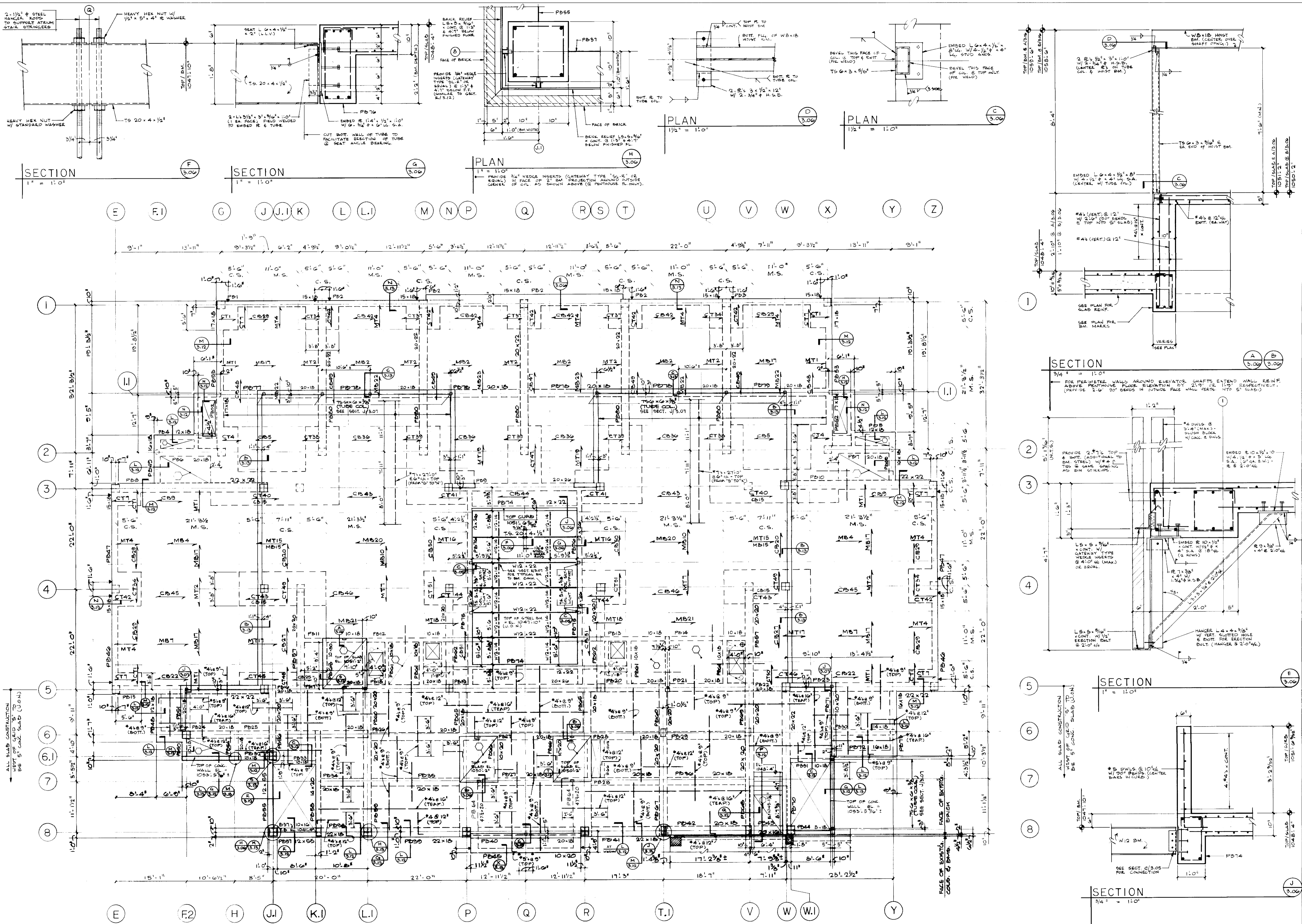
- SCALBS: 1/8" = 1'-0"
- TOP OF SLAB ELEVATION = 1034.9' (U.O.N.)
- 10' FLAT SLABS WITH 6" DROP PANELS TYPICAL (U.O.N.)
- INDICATES 5" CONC. SLAB. REIN. W/ #4 @ 12" (BOT. - EA. WAY) & #4 @ 14" (TOP - AROUND SLAB PERIMETER & 25% OF SPAN LENGTH FROM FACE OF BM. OR SUPPORT).
- BRICK RELIEF ANGLES NOT SHOWN ON FLOOR PLAN DUE TO CONGESTION. FOR SIZE AND LOCATION COORDINATE BETWEEN STRUCTURAL SECTIONS (DWG. 3.12) AND ARCHITECTURAL SECTIONS/ EXTERIOR BUILDING ELEVATIONS.
- INDICATES T9 @ 4 X 9/16 COL. - STRUT SEE DETAIL 3.13
- INDICATES E OF P.C. PANEL LOAD POINT.

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University of Kentucky
Lexington, Kentucky

approved by **FINAL DOCUMENTS**

date _____



PENTHOUSE FLOOR AND ROOF FRAMING PLAN

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DATE 3/8/95 BY Thomas W. Reynolds

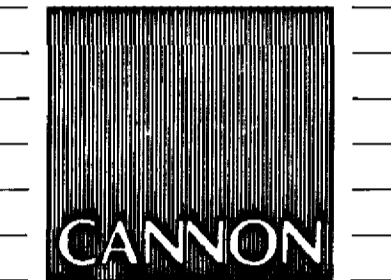
- SCALE: 1/8" = 1'-0"
- TOP OF SLAB ELEVATION = 1048'-4" (U.O.N.)
 - 10' FLAT SLAB WITH 8" DROP PANELS TYPICAL (U.O.N.)
 - INDICATES 5" CONC. SLAB. REINF. SLAB W/ #4 @ 20" O.C. (EAST-BAY WALL) & #4 @ 12" O.C. (TOP) AROUND SLAB PERIMETER @ 25% OF SPAN LENGTH FROM FACE OF B.M. OR SUPPORT
 - INDICATES P.C. PANEL LOAD POINT
 - BRICK RELIEF ANGLES NOT SHOWN ON FLOOR PLAN DUE TO CONGESTION. SEE SIZE AND LOCATION COORDINATE BETWEEN STRUCTURAL SECTIONS (DWG. 3.12) AND ARCHITECTURAL SECTIONS/ EXTERIOR BUILDING ELEVATIONS.

ALL P.C. PANELS STARTING AT GRID F.2 (G.1) AND EXTENDING AROUND PERIMETER OF PENTHOUSE ROOF TO END OF CONC. WALL AT GRID D SHALL BE 5" THICK.
ALL OTHER P.C. PANELS AROUND PERIMETER OF BLDG. SHALL BE 6" THICK U.O.N.

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Project No.	747.0
Scale:	1/8" = 1'-0"
Drawing No.	3.06
University of Kentucky	Lexington, Kentucky
Checked by:	T.McR.
Drawn by:	J.F. GW. MLM

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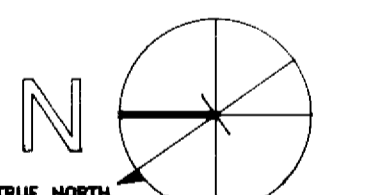
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Thomas W. Reynolds



TRUE NORTH
Project North

Revision: _____ Date: _____
Issue Date: Dec. 92
Drawing Title:

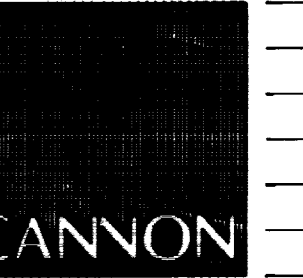
PENTHOUSE FLOOR
AND ROOF
FRAMING PLAN

Drawn by: J.F. GW. MLM

Checked by: T.McR.

Project No. 747.0 Scale: 1/8" = 1'-0"
Drawing No. 3.06

3.06



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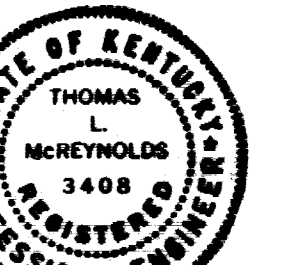
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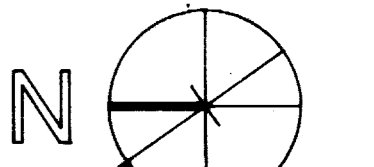
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606-254-8823

WHITE WALKER & McREYNOLDS
2041 REGENCY CIRCLE
Lexington, Kentucky 40503



Thomas L. McReynolds



Project North

Revision: _____ Date: _____
Issue Date: Dec. 92
Drawing Title:

PENTHOUSE ROOF
FRAMING PLAN

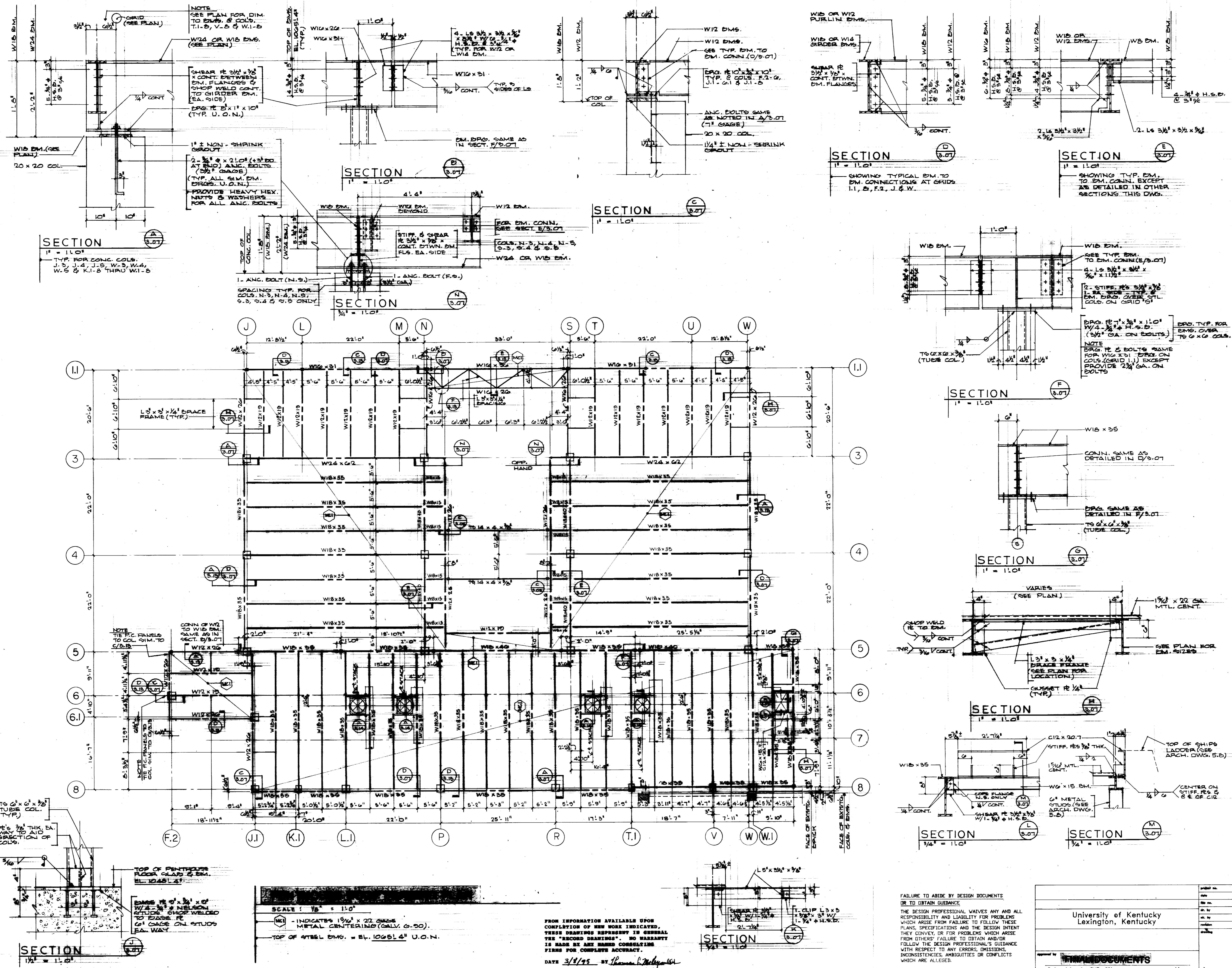
Drawn by: GW MLM

Checked by: T.McR.

Project No. Scale:
747.0 1/8" = 1'-0"

Drawing No.

3-07



FAILURE TO ABIDE BY DESIGN DOCUMENTS
OR TO OBTAIN GUIDANCE
THE DESIGN PROFESSIONAL WAIVES ANY AND ALL
RESPONSIBILITY AND LIABILITY FOR PROBLEMS
WHICH ARISE FROM FAILURE TO FOLLOW THESE
PLANS, SPECIFICATIONS AND THE DESIGN INTENT
THEY CONVEY, OR FOR PROBLEMS WHICH ARISE
FROM OTHERS' FAILURE TO OBTAIN AND/OR
FOLLOW THE DESIGN PROFESSIONAL'S GUIDANCE
WITH RESPECT TO ANY ERRORS, OMISSIONS,
INCONSISTENCIES, AMBIGUITIES OR CONFLICTS
WHICH ARE ALLEGED.

University of Kentucky
Lexington, Kentucky

FINAL DOCUMENTS

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

INDICATES 1 3/8" x 22 GA. METAL CENTERING (GALV. G-30).

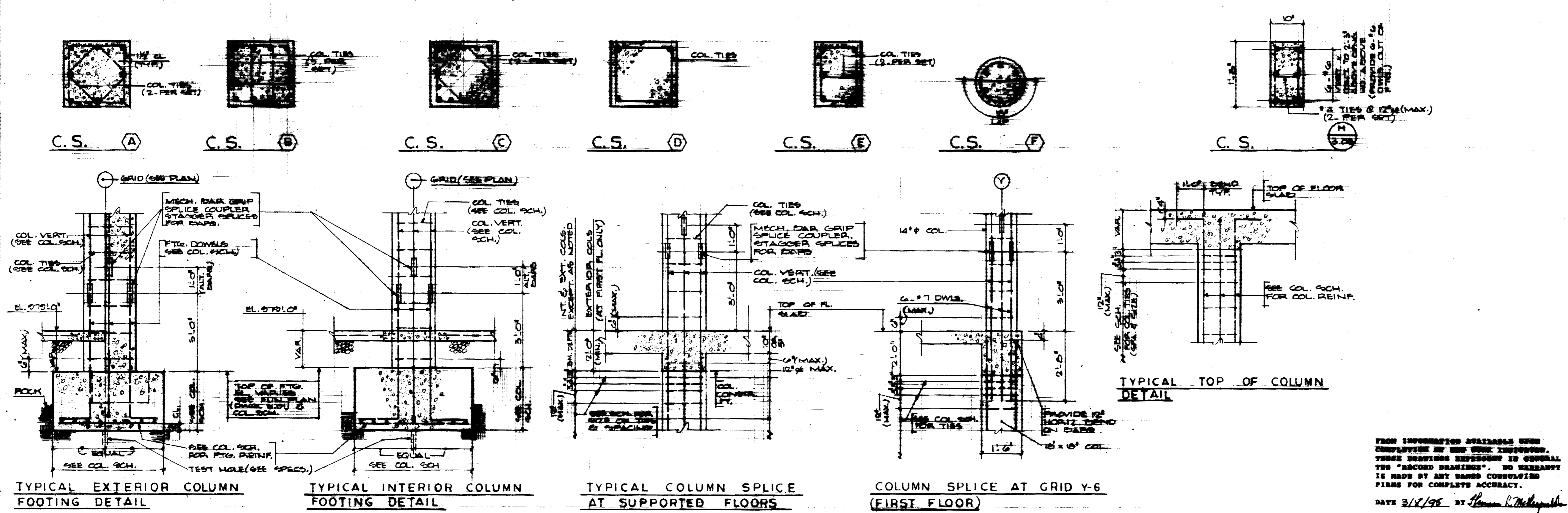
TOP OF STEEL BMS. = EL. 10651.4' U.O.N.

DATE 3/8/95 BY Thomas L. McReynolds

FOR INFORMATION AVAILABLE UPON
COMPLETION OF NEW WORK INDICATED,
THESE DRAWINGS REPRESENT IN GENERAL
THE "RECORDED DRAWINGS". NO WARRANTY
IS MADE BY ANY NAMED CONSULTING
FIRM FOR COMPLETE ACCURACY.

COLUMN SCHEDULE

STORY	COLUMN NUMBER	E-3 E-5 2-3 2-5	E-4 L-1 U-1	F-1-2 Y-2	F-2-6 J.I-6	H-6	G-1 X-1	G-2 X-2	M-1 T-1	F.I-1 G.I-1	L-2 U-2 M-2	F.I-2	J-4 W-4 J-5 W-5	N-4 S-4	N-5 S-5	K-3	K-4 V-4	K-5 V-5	Y-6	Y-6	J.I-1 V-1	L.I-1 T.I-1 V-1	K.I-1	T.I-1	V-1	L.I-1 P.I-1 R.I-1	W.I-1	Q-1	Q-2	T-2	Q.I-2	V-3	J-3 W-3	N-3 S-3			
		TOP OF COL. EL.	1048'4"	1048'4"	1048'4"	1048'4"	1048'4"	1048'4"	1048'4"	1048'4"	1048'4"	1007'1"	1048'4"	994'0"	1048'4"	1048'4"	1048'4"	1048'4"	1048'4"	1048'4"	1048'4"	1048'4"	1007'1"	1048'4"	1048'4"	1048'4"	1048'4"	1048'4"	1048'4"	1048'4"	1048'4"	1048'4"	1048'4"	1048'4"	1048'4"	1048'4"	1048'4"
PENTHOUSE FLOOR PENTHOUSE FLOOR	COLUMN SIZE				20x20									20x20	20x20	20x20	20x20	20x20	20x20	20x20		20x20		14x20	14x20	14x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	
	VERTICAL REINF.				4-#9									4-#9	4-#11	4-#9							4-#9		4-#9	4-#9	4-#9	4-#9					4-#9	4-#9	4-#9	4-#9	
	TIES				#3@12"									#3@12"	#4@12"	#3@12"							#3@12"		#3@12"	#3@12"	#3@12"	#3@12"					#3@12"	#4@12"	#4@12"	#4@12"	
FOURTH FL. FOURTH FL. FOURTH FL. FOURTH FL.	COLUMN SIZE	20x20	20x20	14" #	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	14" #	20x20	14x20	14x20	14x20	14x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20
	VERTICAL REINF.	8-#9	12-#10	6-#7	4-#9	4-#9	8-#11	4-#9	8-#11	4-#10	4-#9	8-#11	4-#9	8-#11	4-#9	4-#9	4-#9	4-#9	4-#9	4-#9	4-#10	4-#9	4-#9	4-#9	4-#9	4-#9	8-#11	8-#10	4-#10	4-#9	4-#9	4-#9	8-#11	4-#9	8-#11	8-#11	
	TIES	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#4@12"	#3@12"	#4@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#4@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#4@12"	#3@12"	#4@12"
THIRD FL. THIRD FL. THIRD FL. THIRD FL.	COLUMN SIZE	20x20	20x20	14" #	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	14" #	20x20	14x20	14x20	14x20	14x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	
	VERTICAL REINF.	8-#9	12-#10	6-#7	4-#9	4-#9	8-#11	4-#9	8-#11	4-#10	4-#9	8-#11	4-#9	8-#11	4-#9	4-#9	4-#9	4-#9	4-#9	4-#9	4-#10	4-#9	4-#9	4-#9	4-#9	4-#9	8-#11	8-#10	4-#10	4-#9	4-#9	4-#9	8-#11	4-#9	8-#11	8-#11	
	TIES	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#4@12"	#3@12"	#4@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#4@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#4@12"	#3@12"	#4@12"
SECOND FL. SECOND FL. SECOND FL. SECOND FL.	COLUMN SIZE	20x20	20x20	14" #	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	14" #	20x20	14x20	14x20	14x20	14x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20
	VERTICAL REINF.	8-#9	12-#10	6-#7	4-#9	4-#9	8-#11	4-#9	8-#11	4-#10	4-#9	8-#11	4-#9	8-#11	4-#9	4-#9	4-#9	4-#9	4-#9	4-#9	4-#10	4-#9	4-#9	4-#9	4-#9	4-#9	8-#11	8-#10	4-#10	4-#9	4-#9	4-#9	8-#11	4-#9	8-#11	8-#11	
	TIES	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#4@12"	#3@12"	#4@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#4@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#4@12"	#3@12"	#4@12"
FIRST FL. FIRST FL. FIRST FL. FIRST FL.	COLUMN SIZE	20x20	20x20	14" #	20x20	20x20	20x20	20x20	20x20	10x15	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	14" #	20x20	14x20	14x20	14x20	14x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20
	VERTICAL REINF.	8-#9	12-#10	6-#7	4-#9	4-#9	8-#11	4-#9	8-#11	6-#7	8-#10	8-#9	8-#11	4-#9	4-#9	4-#9	4-#9	4-#9	4-#9	4-#9	4-#9	4-#9	4-#9	4-#9	4-#9	4-#9	8-#11	8-#10	4-#10	4-#9	4-#9	4-#9	8-#11	4-#9	8-#11	8-#11	
	TIES	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#4@12"	#3@12"	#4@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#4@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#4@12"	#3@12"	#4@12"
BASEMENT BASEMENT BASEMENT BASEMENT	COLUMN SIZE	20x20	20x20	14" #	20x20	20x20	20x20	20x20	20x20	10x15	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	14" #	20x20	14x20	14x20	14x20	14x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20	20x20
	VERTICAL REINF.	8-#9	12-#10	6-#7	4-#9	4-#9	8-#11	4-#9	8-#11	6-#7	8-#10	8-#9	8-#11	4-#9	4-#9	4-#9	4-#9	4-#9	4-#9	4-#9	4-#9	4-#9	4-#9	4-#9	4-#9	4-#9	8-#11	8-#10	4-#10	4-#9	4-#9	4-#9	8-#11	4-#9	8-#11	8-#11	
	TIES	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#4@12"	#3@12"	#4@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#4@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#4@12"	#3@12"	#4@12"
FORMED FORMED FORMED FORMED	Pier Size																																				
	VERTICAL REINF.																																				
	TIES																																				
ROOTINGS ROOTINGS ROOTINGS ROOTINGS	FOOTING SIZE	4'0" x 4'0"	4'0" x 4'0"	WALL FOOTING	3'0" x 3'0"	3'0" x 3'0"	3'0" x 3'0"	3'0" x 3'0"	3'0" x 3'0"	3'0" x 3'0"	3'0" x 3'0"	3'0" x 3'0"	3'0" x 3'0"	3'0" x 3'0"	3'0" x 3'0"	3'0" x 3'0"	3'0" x 3'0"	3'0" x 3'0"	3'0" x 3'0"	3'0" x 3'0"	3'0" x 3'0"	3'0" x 3'0"	3'0" x 3'0"	3'0" x 3'0"	3'0" x 3'0"	3'0" x 3'0"	3'0" x 3'0"	3'0" x 3'0"	3'0" x 3'0"	3'0" x 3'0"	3'0" x 3'0"	3'0" x 3'0"	3'0" x 3'0"	3'0" x 3'0"	3'0" x 3'0"	3'0" x 3'0"	3'0" x 3'0"
	FOOTING DOWELS	8-#9	12-#10	6-#7	4-#9	4-#9	8-#11	4-#9	8-#11	6-#7	8-#10	8-#9	8-#11	4-#9	4-#9	4-#9	4-#9	4-#9	4-#9	4-#9	4-#9	4-#9	4-#9	4-#9	4-#9	4-#9	8-#11	8-#10	4-#10	4-#9	4-#9	4-#9	8-#11	4-#9	8-#11	8-#11	
	FOOTING SECTION	SEE TYPICAL EXTERIOR COLUMN FOOTING DETAILS THIS SHEET	SEE TYPICAL EXTERIOR COLUMN FOOTING DETAILS THIS SHEET	SEE TYPICAL EXTERIOR COLUMN FOOTING DETAILS THIS SHEET	SEE TYPICAL EXTERIOR COLUMN FOOTING DETAILS THIS SHEET	SEE TYPICAL EXTERIOR COLUMN FOOTING DETAILS THIS SHEET	SEE TYPICAL EXTERIOR COLUMN FOOTING DETAILS THIS SHEET	SEE TYPICAL EXTERIOR COLUMN FOOTING DETAILS THIS SHEET	SEE TYPICAL EXTERIOR COLUMN FOOTING DETAILS THIS SHEET	SEE TYPICAL EXTERIOR COLUMN FOOTING DETAILS THIS SHEET	SEE TYPICAL EXTERIOR COLUMN FOOTING DETAILS THIS SHEET	SEE TYPICAL EXTERIOR COLUMN FOOTING DETAILS THIS SHEET	SEE TYPICAL EXTERIOR COLUMN FOOTING DETAILS THIS SHEET	SEE TYPICAL EXTERIOR COLUMN FOOTING DETAILS THIS SHEET	SEE TYPICAL EXTERIOR COLUMN FOOTING DETAILS THIS SHEET	SEE TYPICAL EXTERIOR COLUMN FOOTING DETAILS THIS SHEET	SEE TYPICAL EXTERIOR COLUMN FOOTING DETAILS THIS SHEET	SEE TYPICAL EXTERIOR COLUMN FOOTING DETAILS THIS SHEET	SEE TYPICAL EXTERIOR COLUMN FOOTING DETAILS THIS SHEET	SEE TYPICAL EXTERIOR COLUMN FOOTING DETAILS THIS SHEET	SEE TYPICAL EXTERIOR COLUMN FOOTING DETAILS THIS SHEET	SEE TYPICAL EXTERIOR COLUMN FOOTING DETAILS THIS SHEET	SEE TYPICAL EXTERIOR COLUMN FOOTING DETAILS THIS SHEET	SEE TYPICAL EXTERIOR COLUMN FOOTING DETAILS THIS SHEET	SEE TYPICAL EXTERIOR COLUMN FOOTING DETAILS THIS SHEET	SEE TYPICAL EXTERIOR COLUMN FOOTING DETAILS THIS SHEET	SEE TYPICAL EXTERIOR COLUMN FOOTING DETAILS THIS SHEET	SEE TYPICAL EXTERIOR COLUMN FOOTING DETAILS THIS SHEET	SEE TYPICAL EXTERIOR COLUMN FOOTING DETAILS THIS SHEET	SEE TYPICAL EXTERIOR COLUMN FOOTING DETAILS THIS SHEET	SEE TYPICAL EXTERIOR COLUMN FOOTING DETAILS THIS SHEET	SEE TYPICAL EXTERIOR COLUMN FOOTING DETAILS THIS SHEET	SEE TYPICAL EXTERIOR COLUMN FOOTING DETAILS THIS SHEET	SEE TYPICAL EXTERIOR COLUMN FOOTING DETAILS THIS SHEET	SEE TYPICAL EXTERIOR COLUMN FOOTING DETAILS THIS SHEET	SEE TYPICAL EXTERIOR COLUMN FOOTING DETAILS THIS SHEET	SEE TYPICAL EXTERIOR COLUMN FOOTING DETAILS THIS SHEET



COLUMN SCHEDULE NOTES

① - INDICATED 5000 P.S.I. CONCREST REQUIRED IN COLUMN TIER NOTES.

ALL COLUMN SPLICES TO BE MECHANICAL BAR GRIP TIE - STAGGERED SPLICES. SPLICES SHALL DEVELOP A RATIO OF 125% OF THE SPECIFIED BAR TENSILE STRENGTH.

THE UNIVERSITY OF KENTUCKY

MEDICAL RESEARCH EXPANSION SPACE

Lexington, Kentucky

CANNON

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

Boston
Buffalo
New York
St. Louis
Washington

165 North Meramec, Suite 600
St. Louis, Missouri
314-862-5660

CMW

CHRISMAN • MILLER
• WOODFORD • INC.

ARCHITECTURE ENGINEERING
PLANNING INTERIORS

326 South Broadway
Lexington, Kentucky
606-254-6623

White Walker & McReynolds
2041 Regency Circle
Lexington, Kentucky 40503

Thomas L. McReynolds

Project North

Revision

Date

Issue Date

DEC. 92

Drawing Title

COLUMN SCHEDULE AND DETAILS

Drawn by: G.W. JF

Checked by: T.M.R.

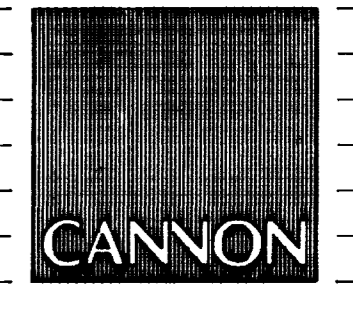
Project No. Scale

747.0

Drawing No.

University of Kentucky
Lexington, Kentucky

FINAL DOCUMENTS



ARCHITECTURE
 ENGINEERING
 INTERIOR DESIGN

Boston
 Buffalo
 New York
 St. Louis
 Washington

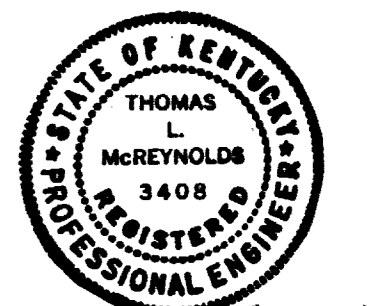
165 North Meramec, Suite 600
 St. Louis, Missouri
 314-862-5660

CMW
 CHRISMAN • MILLER
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ARCHITECTURE ENGINEERING
 PLANNING INTERIORS

326 South Broadway
 Lexington, Kentucky
 606-254-6623

WHITE WALKER & McREYNOLDS
 2041 REGENCY CIRCLE
 Lexington, Kentucky 40503



Thomas J. McKeever



Project North

Revision: _____ Date: _____
 Issue Date: Dec. 92
 Drawing Title:

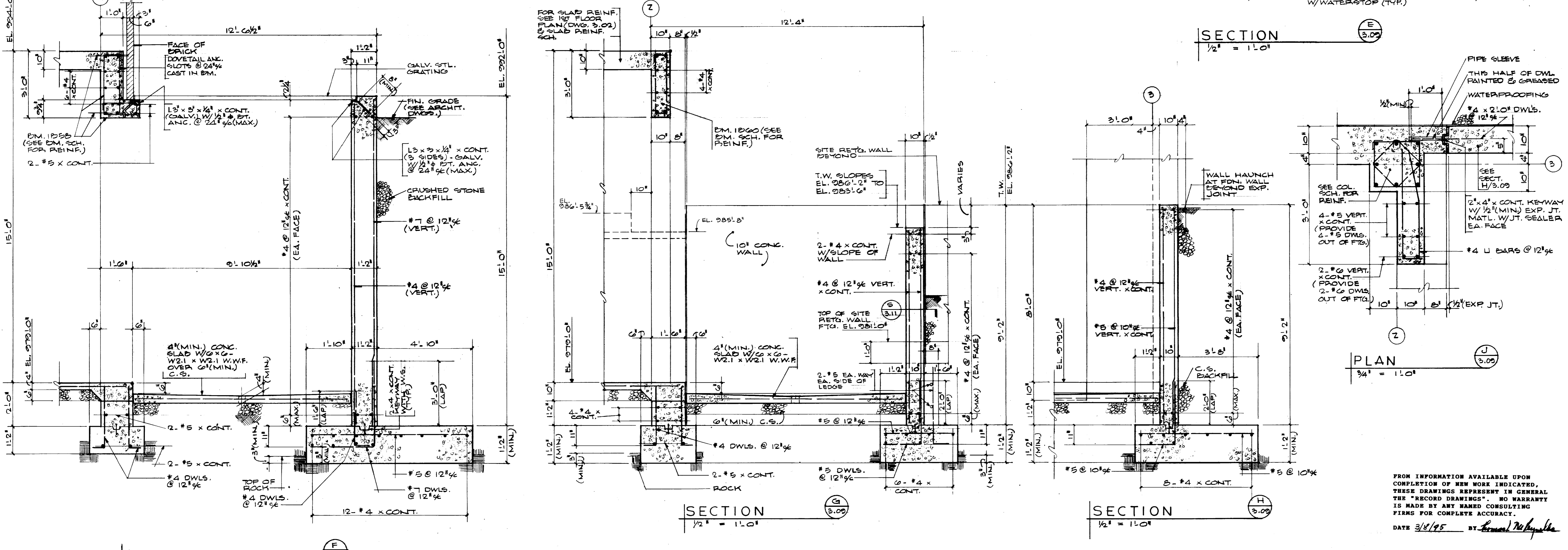
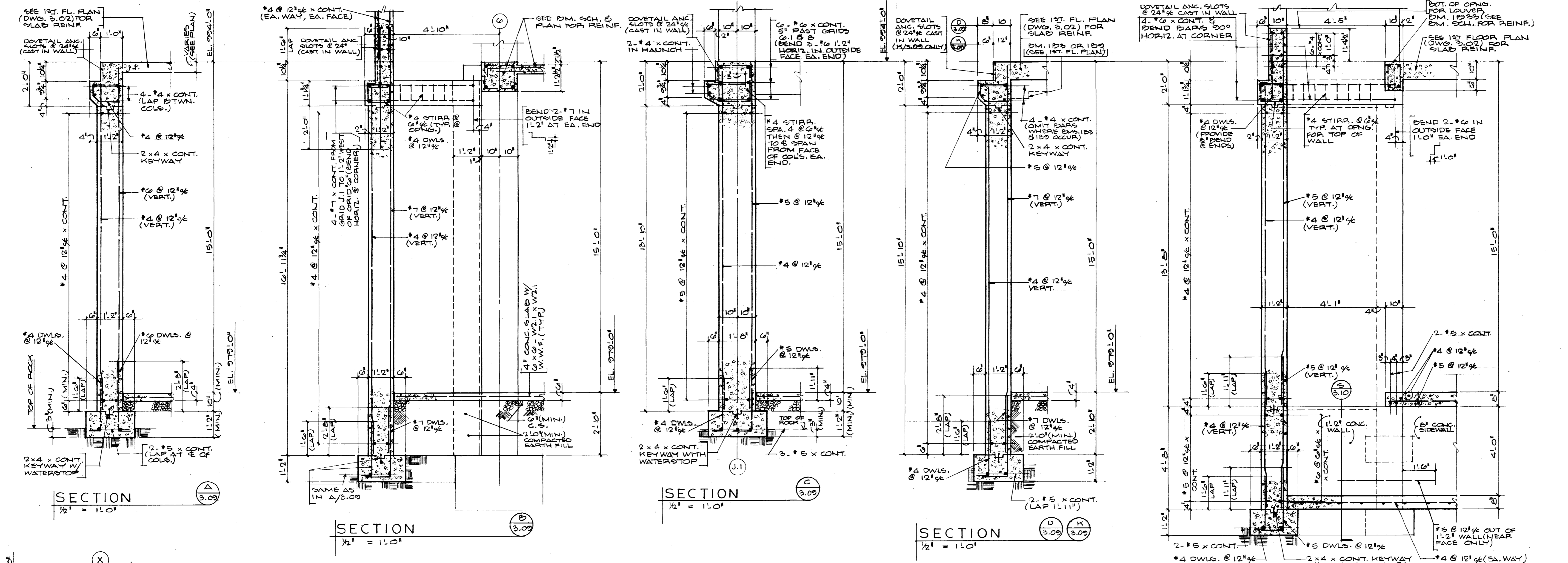
FOUNDATION DETAILS

Drawn by: GW

Checked by: T.McR.

Project No. _____ Scale: _____
 747.0

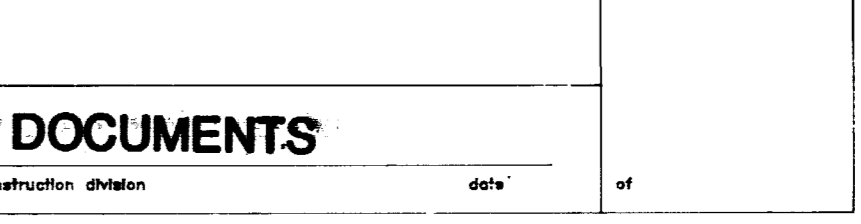
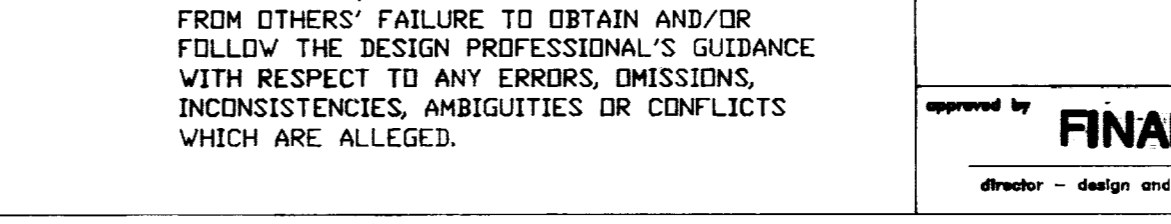
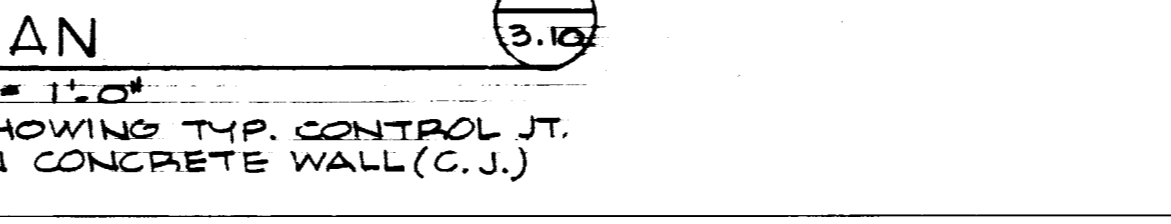
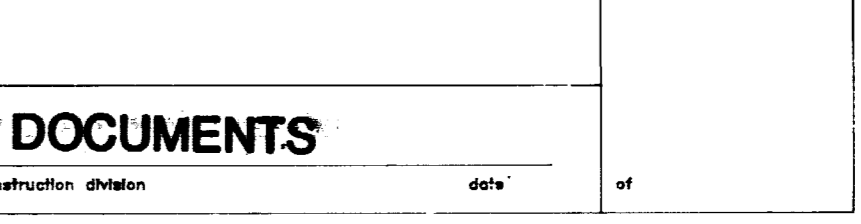
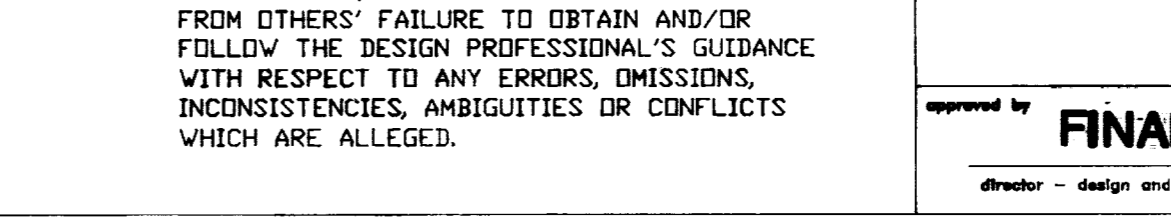
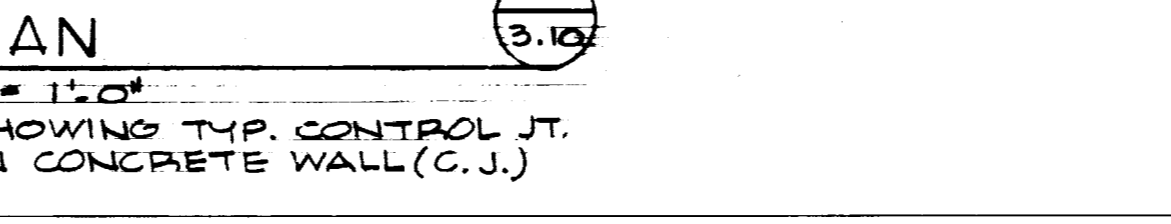
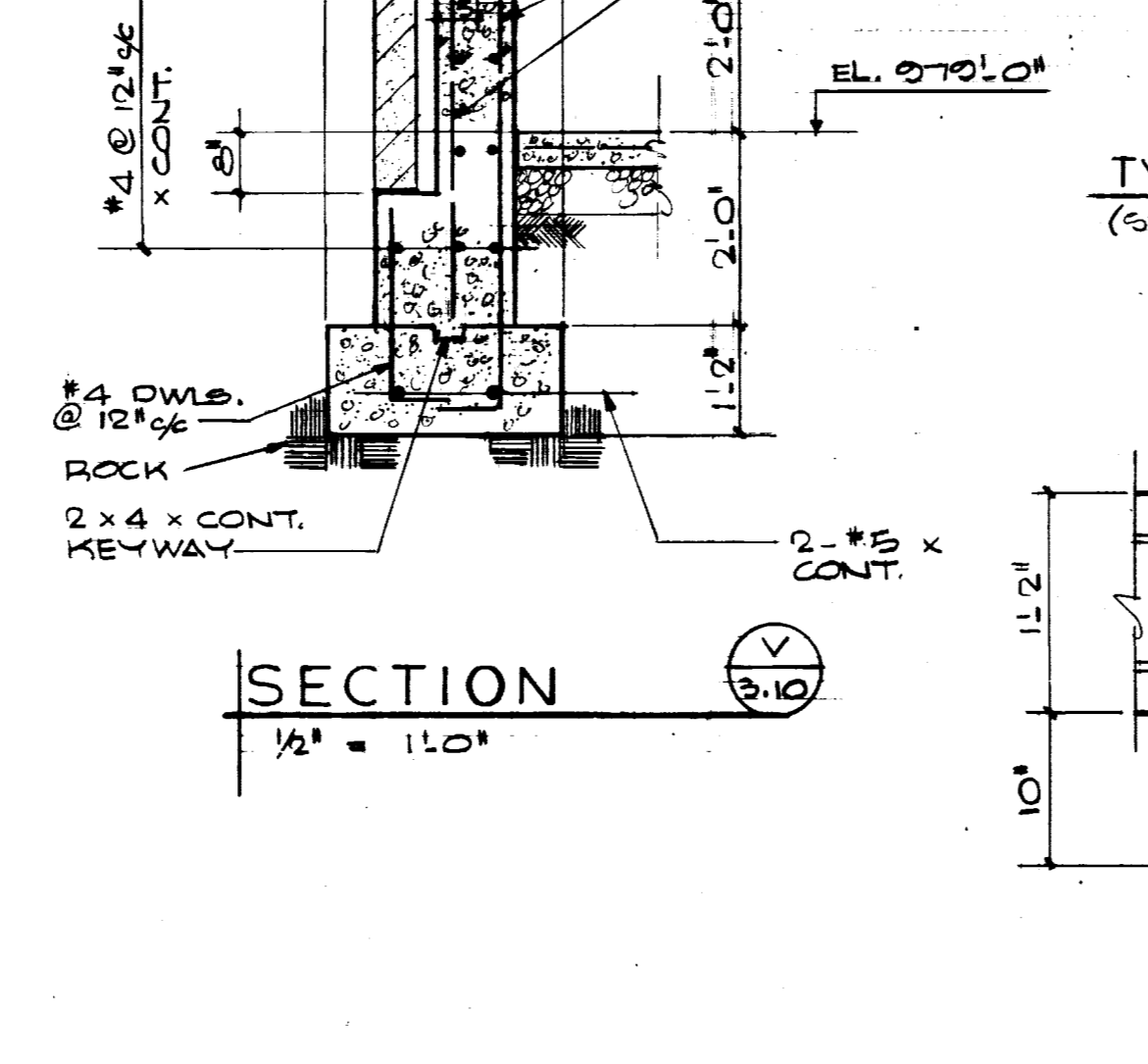
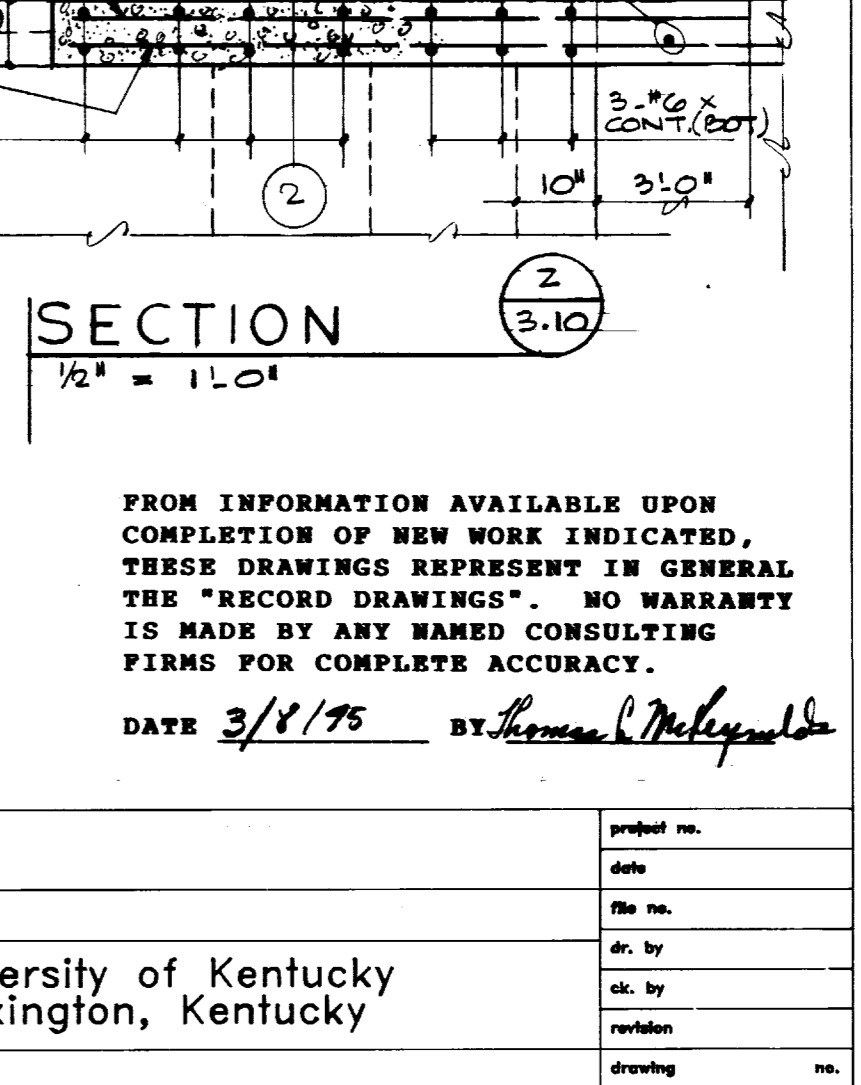
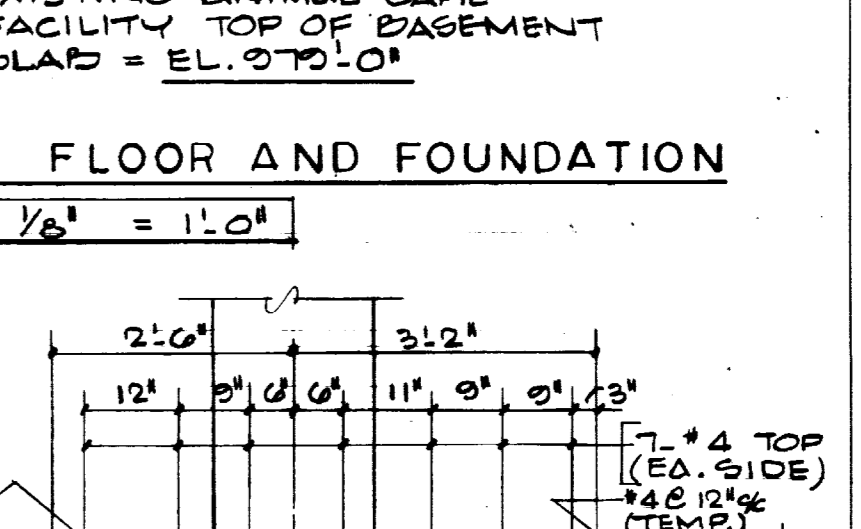
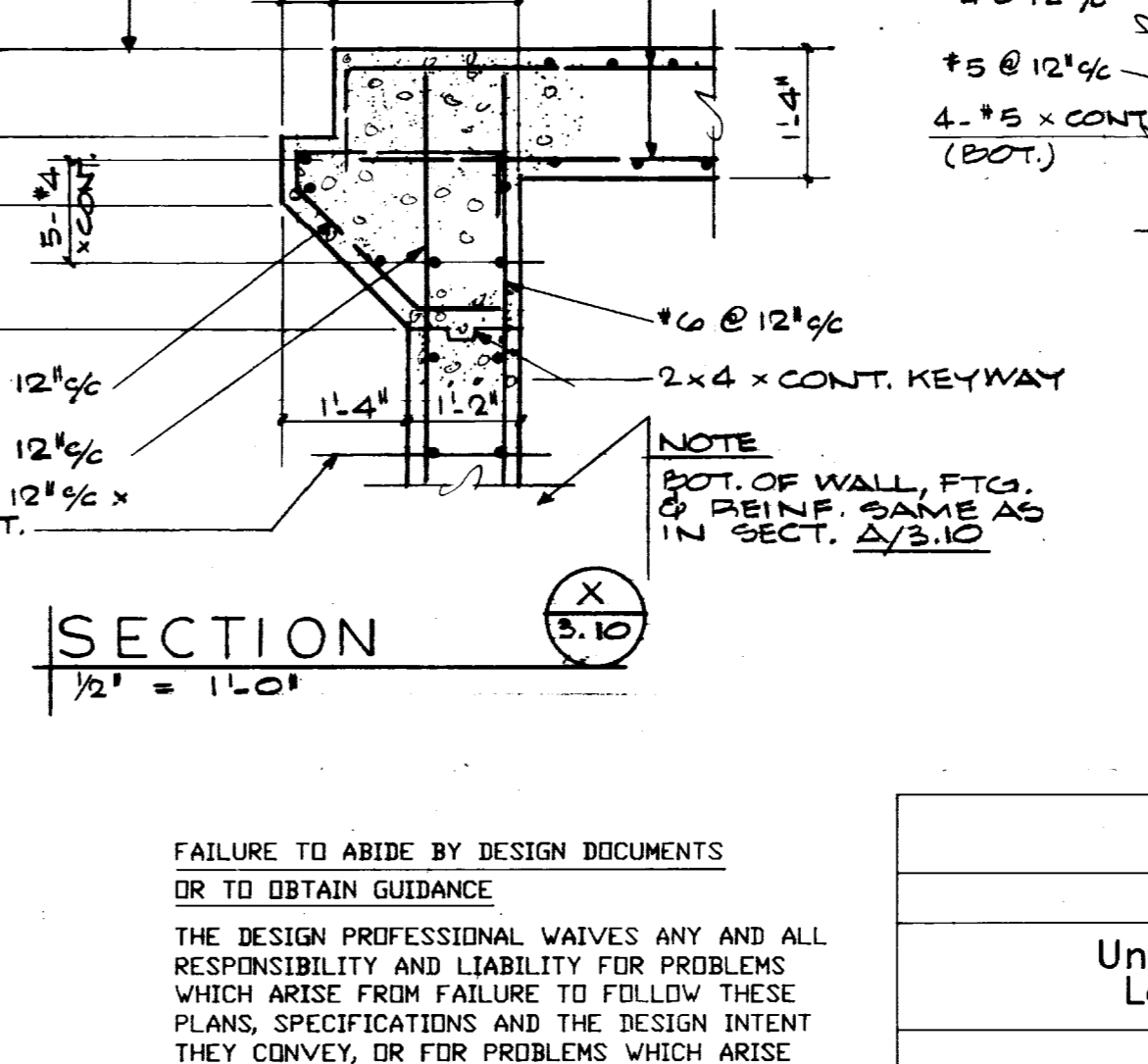
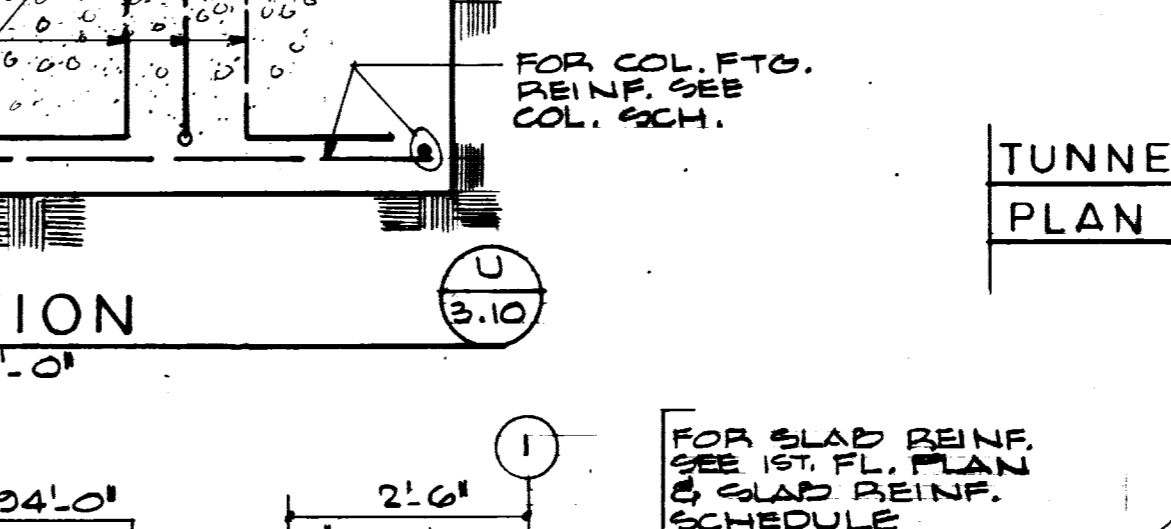
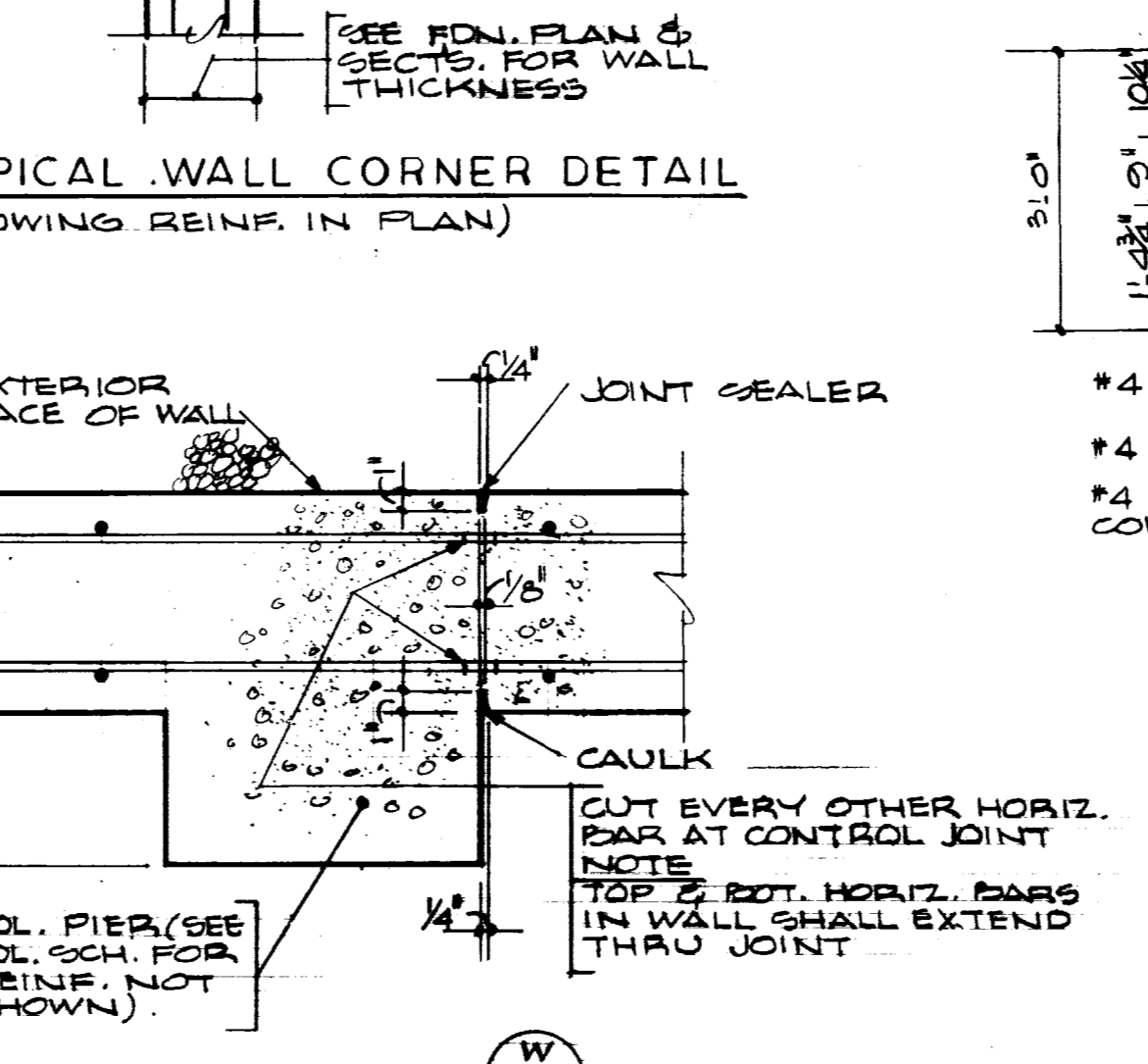
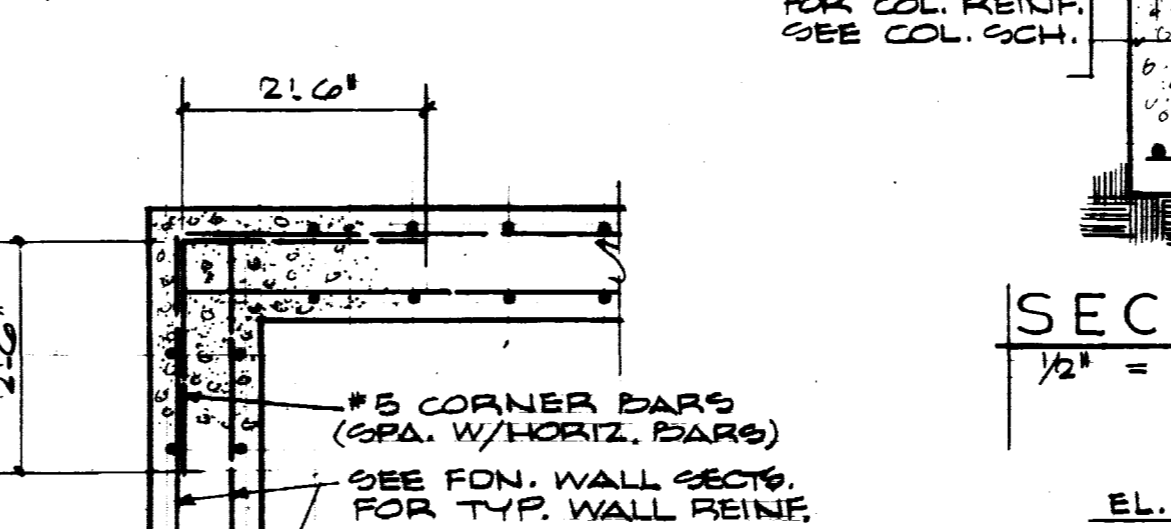
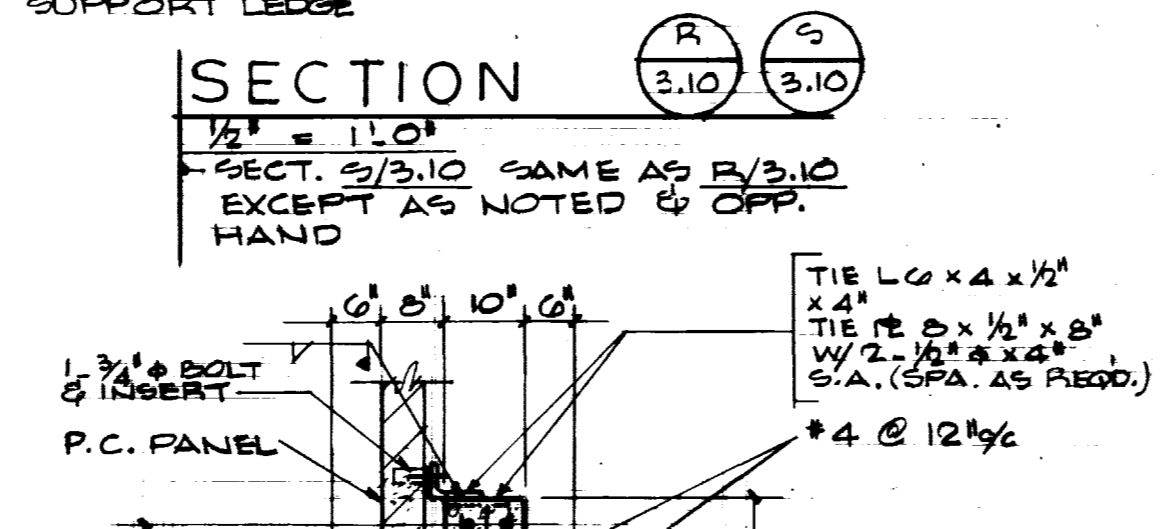
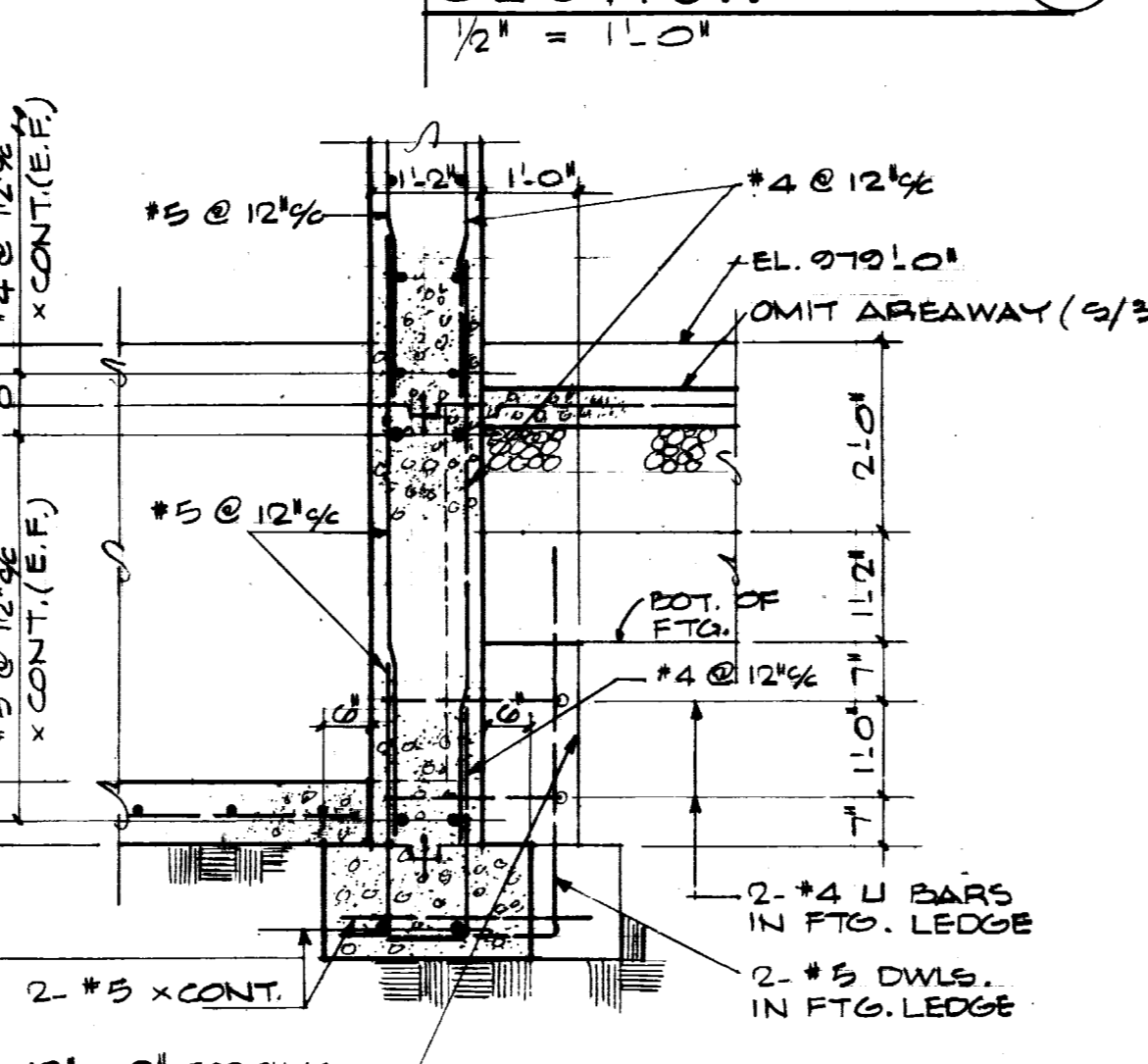
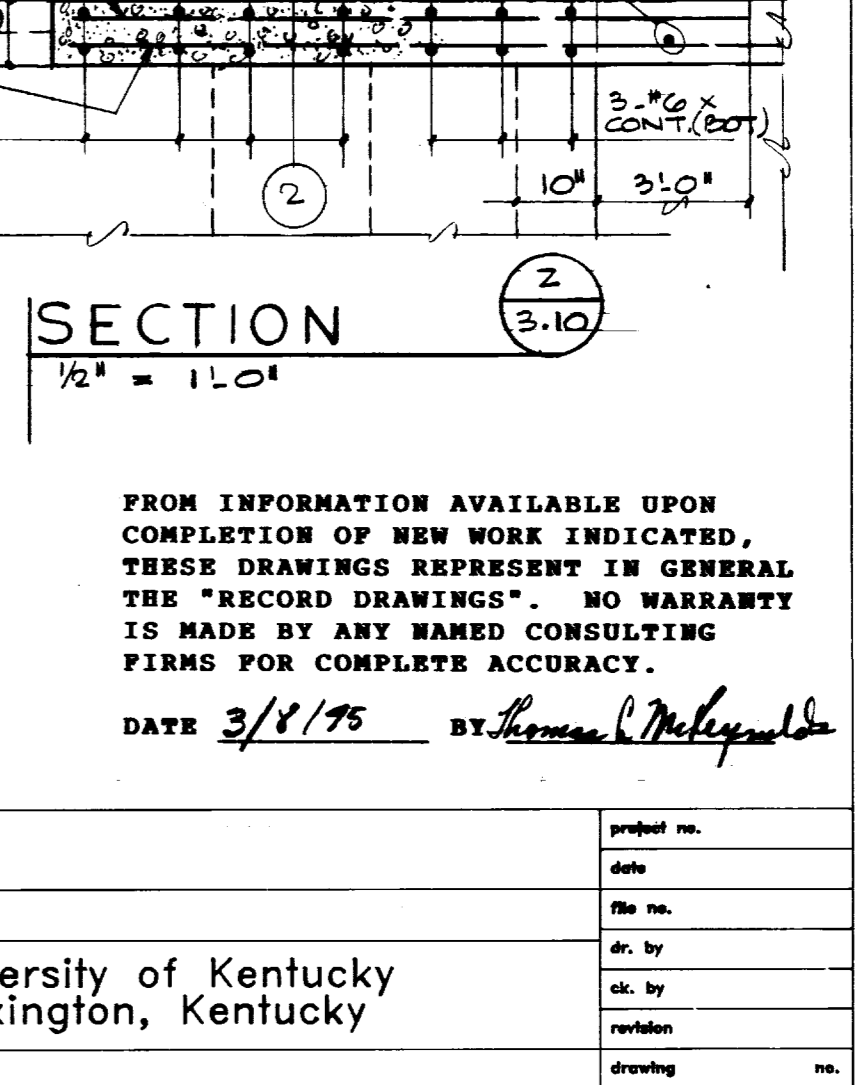
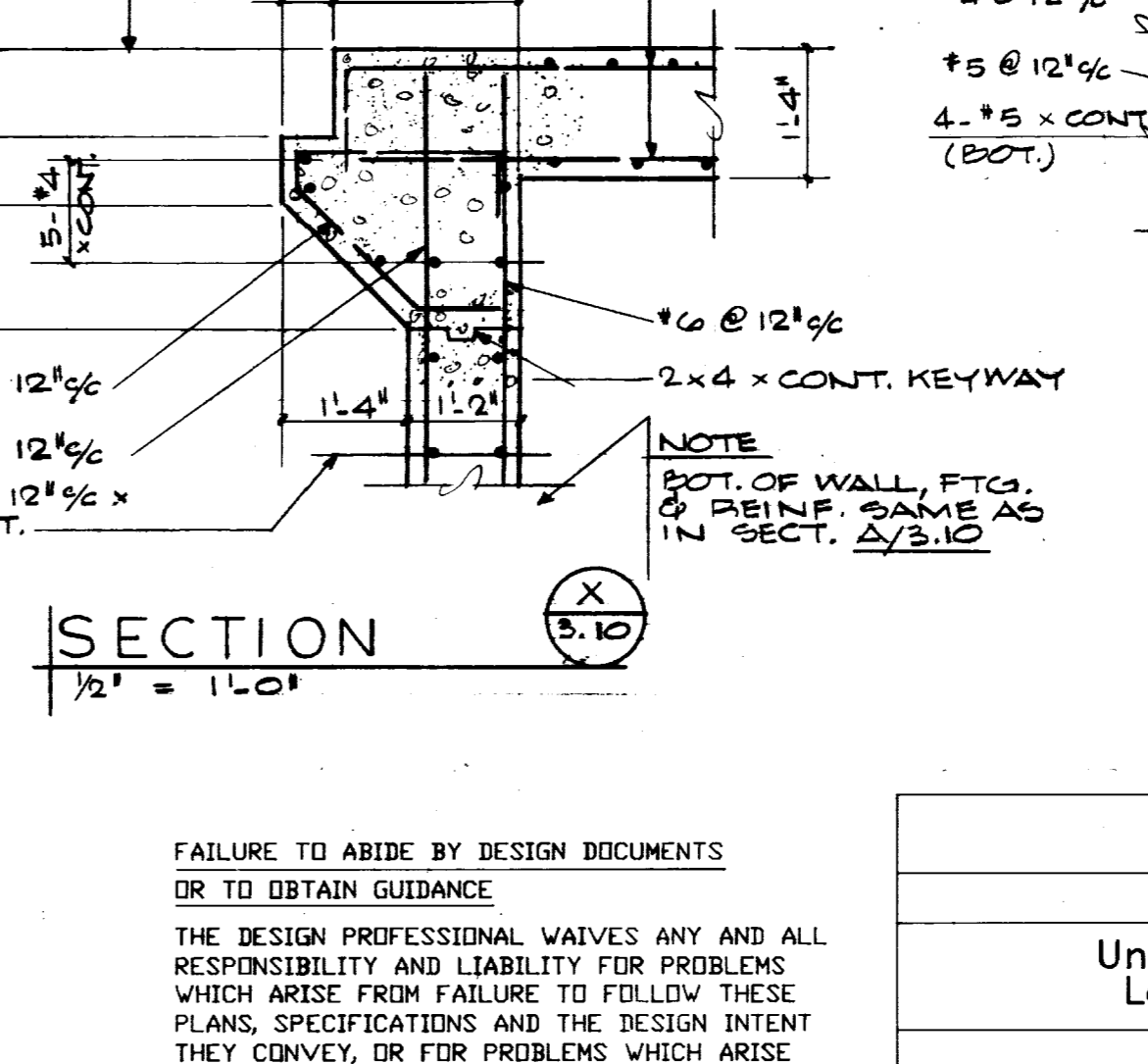
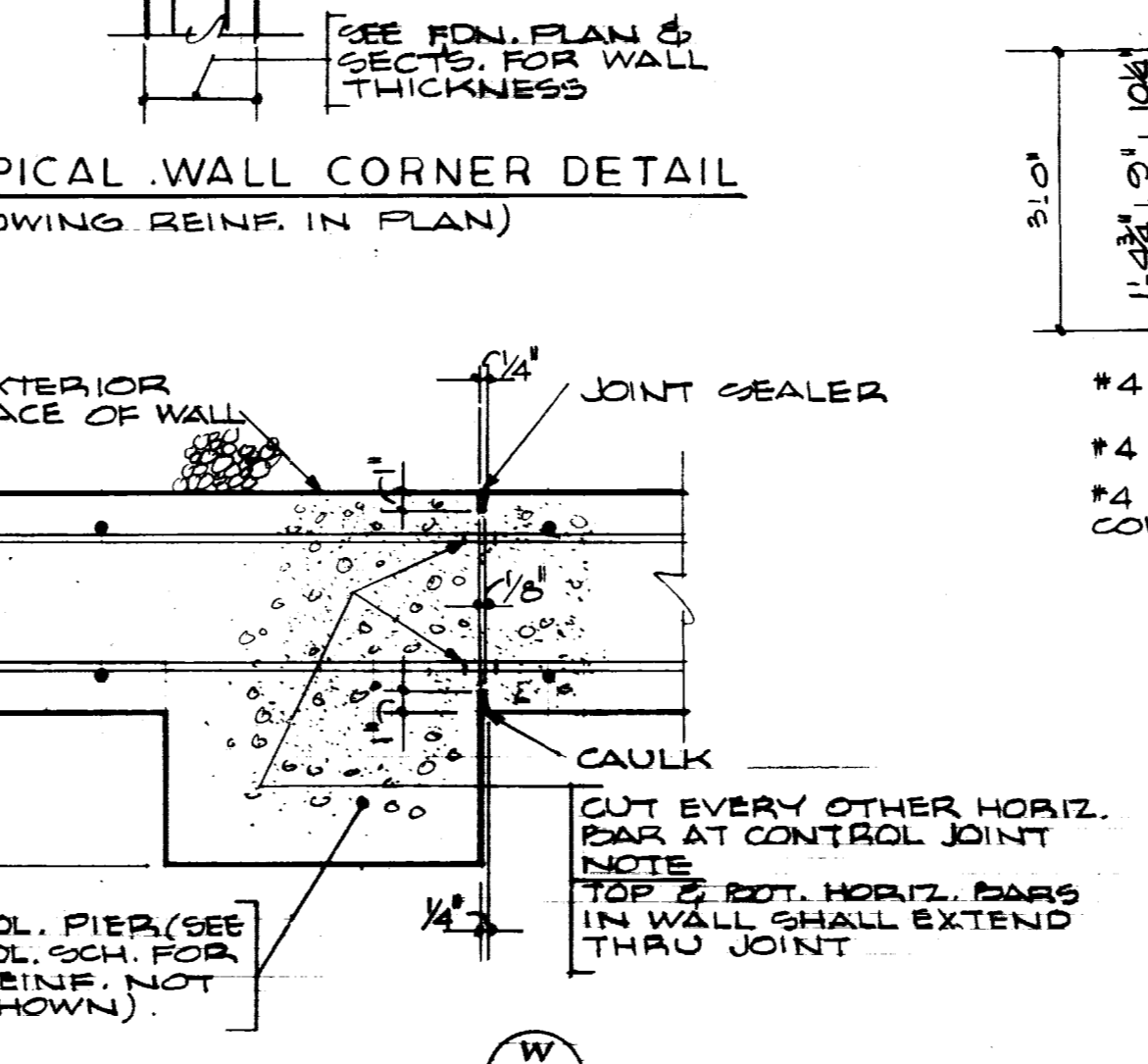
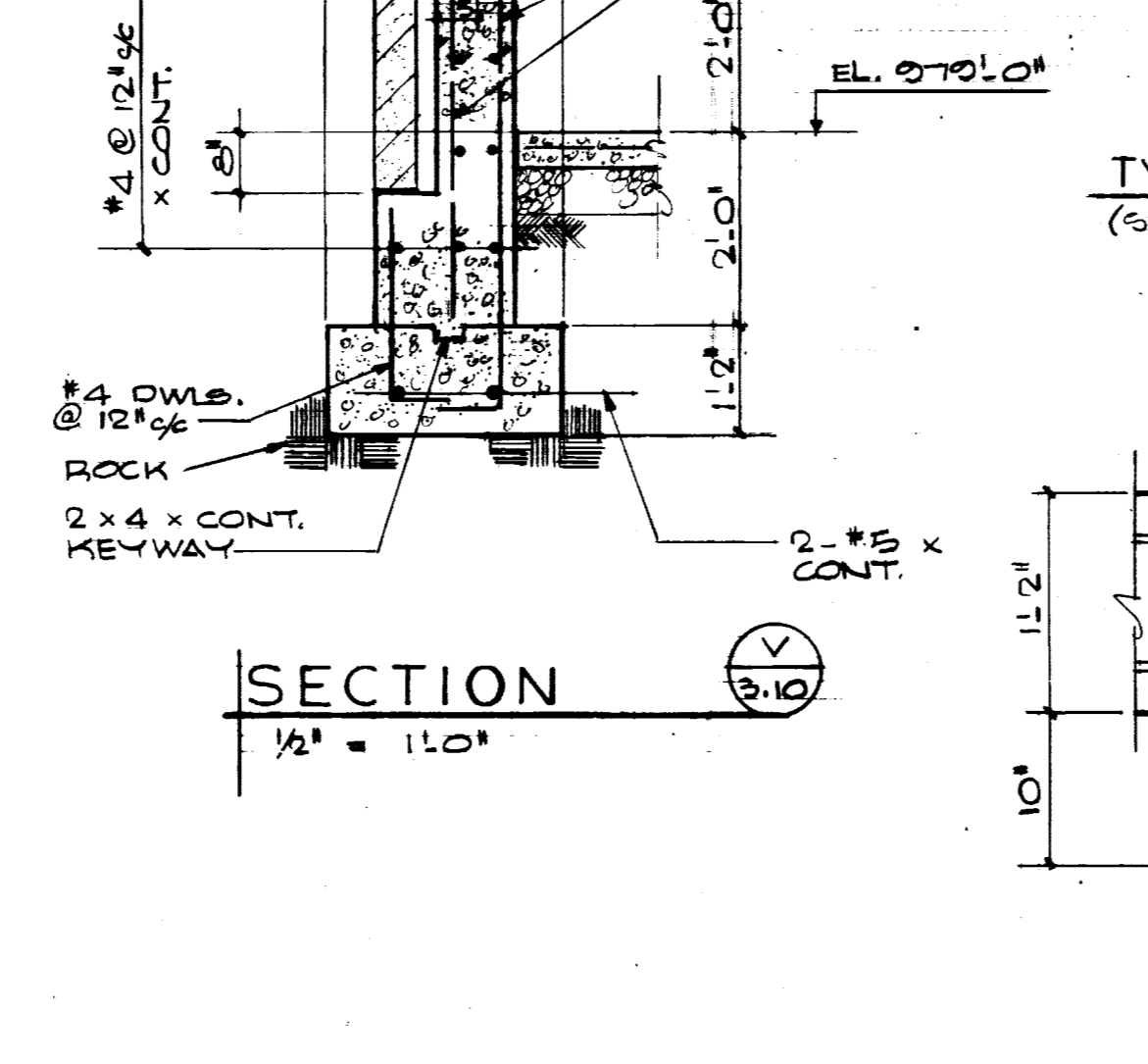
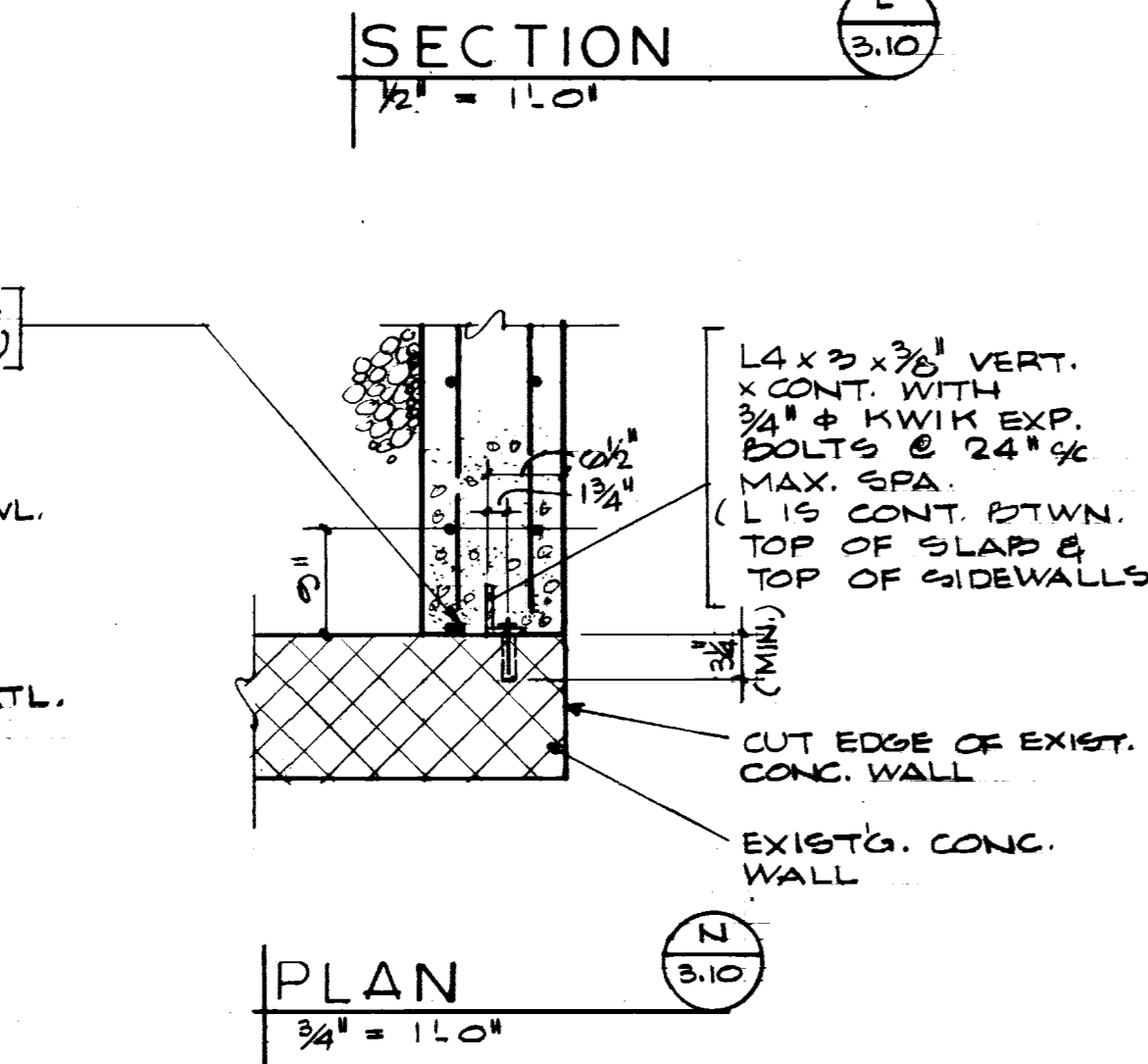
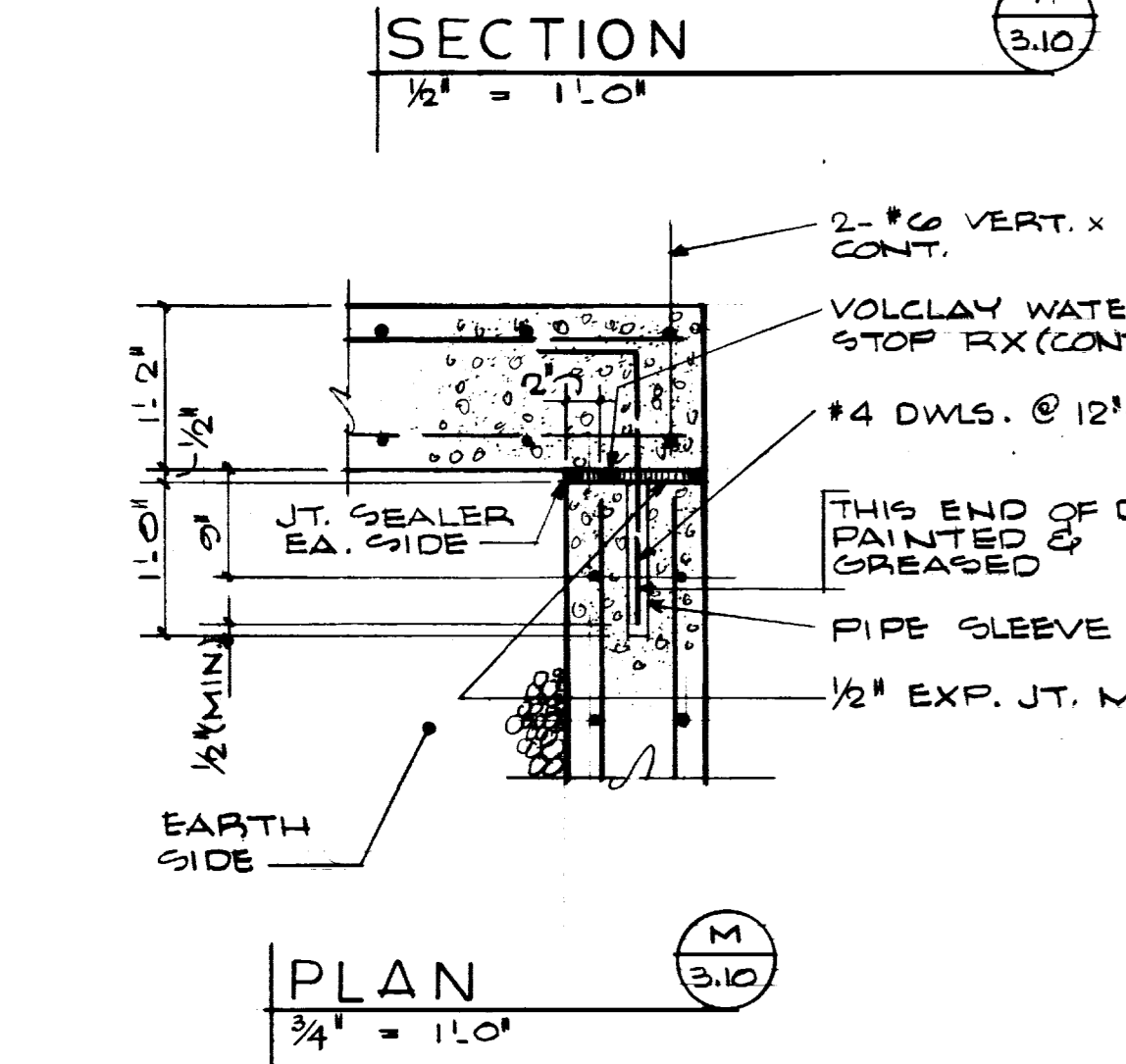
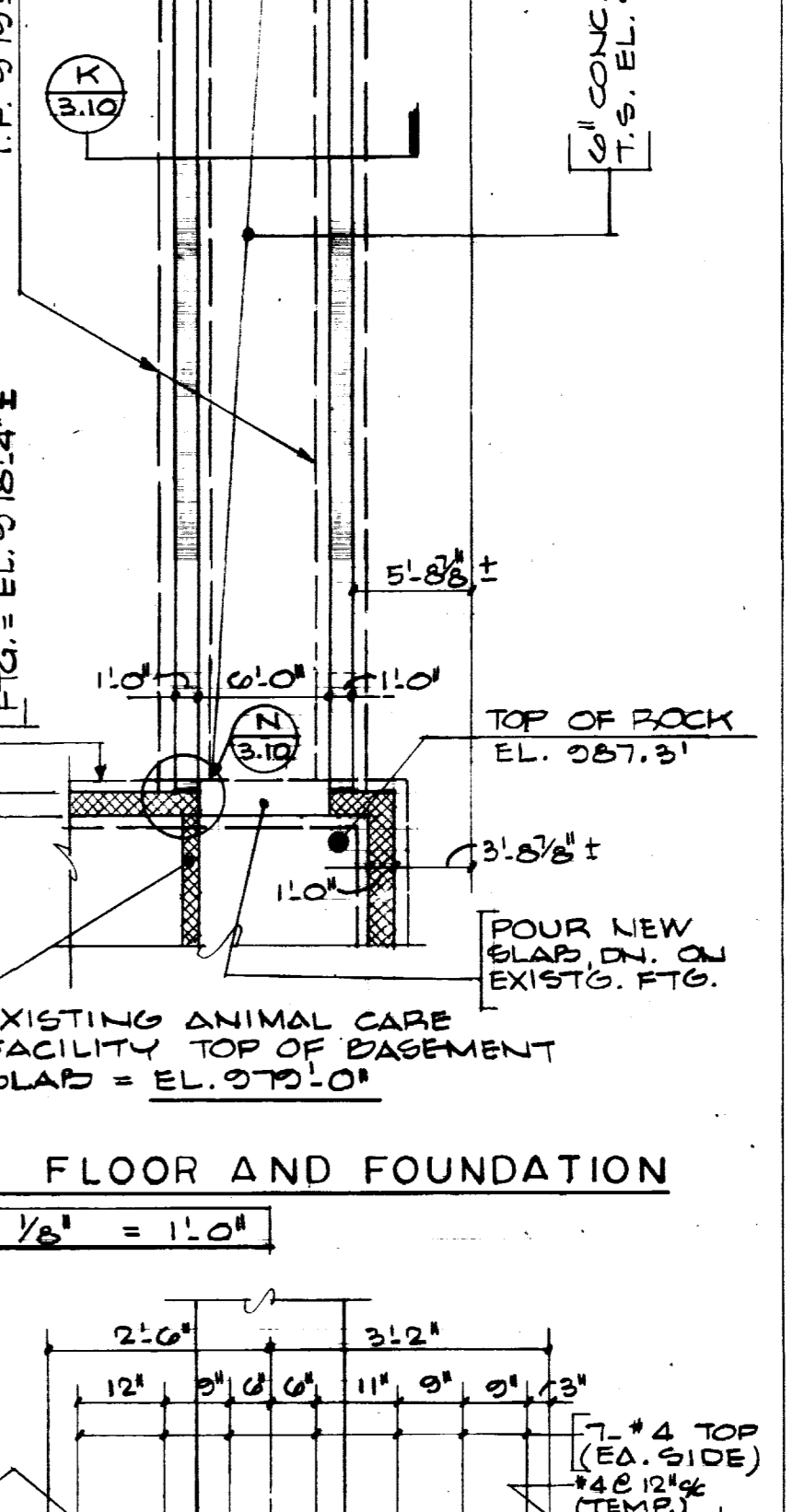
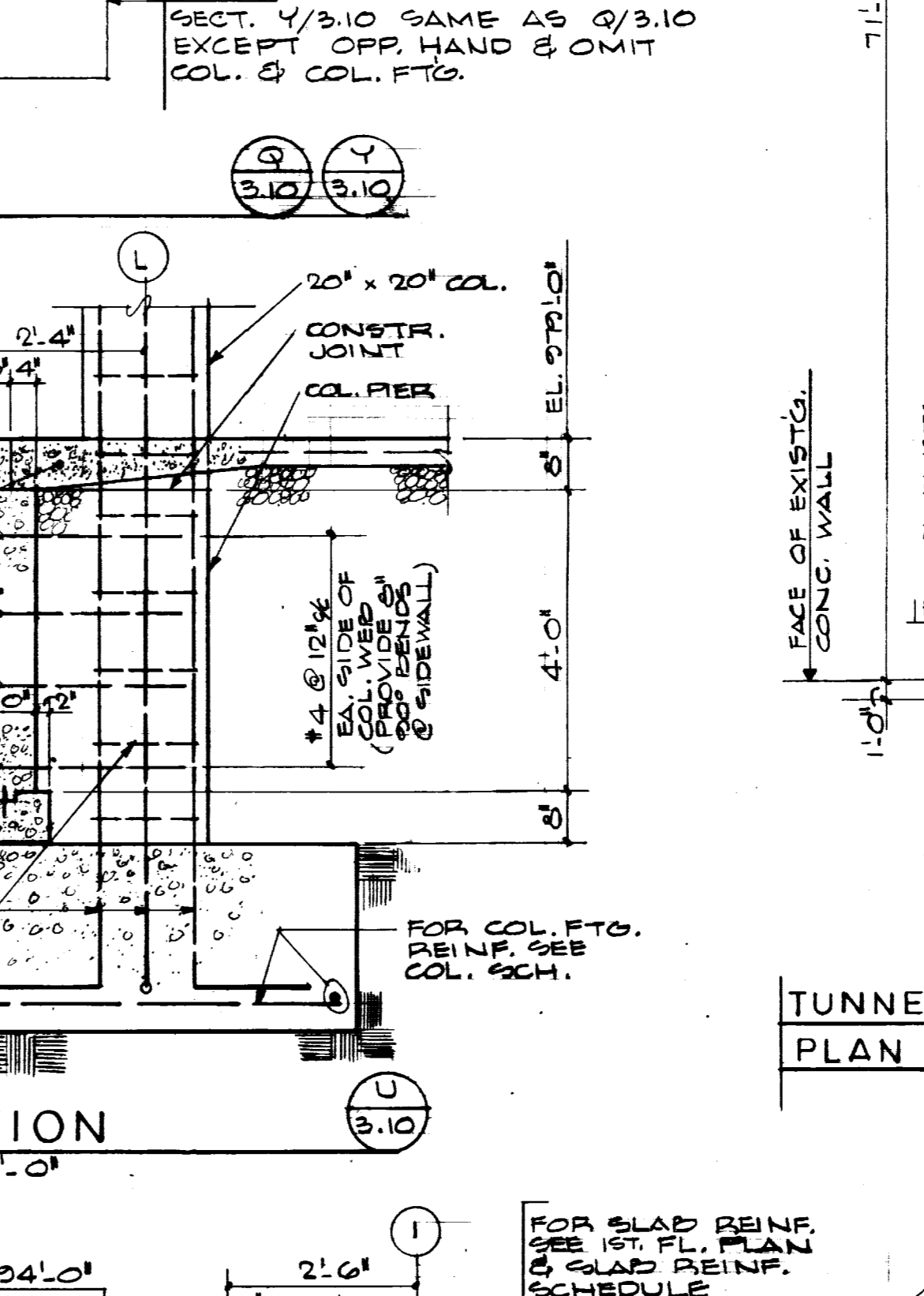
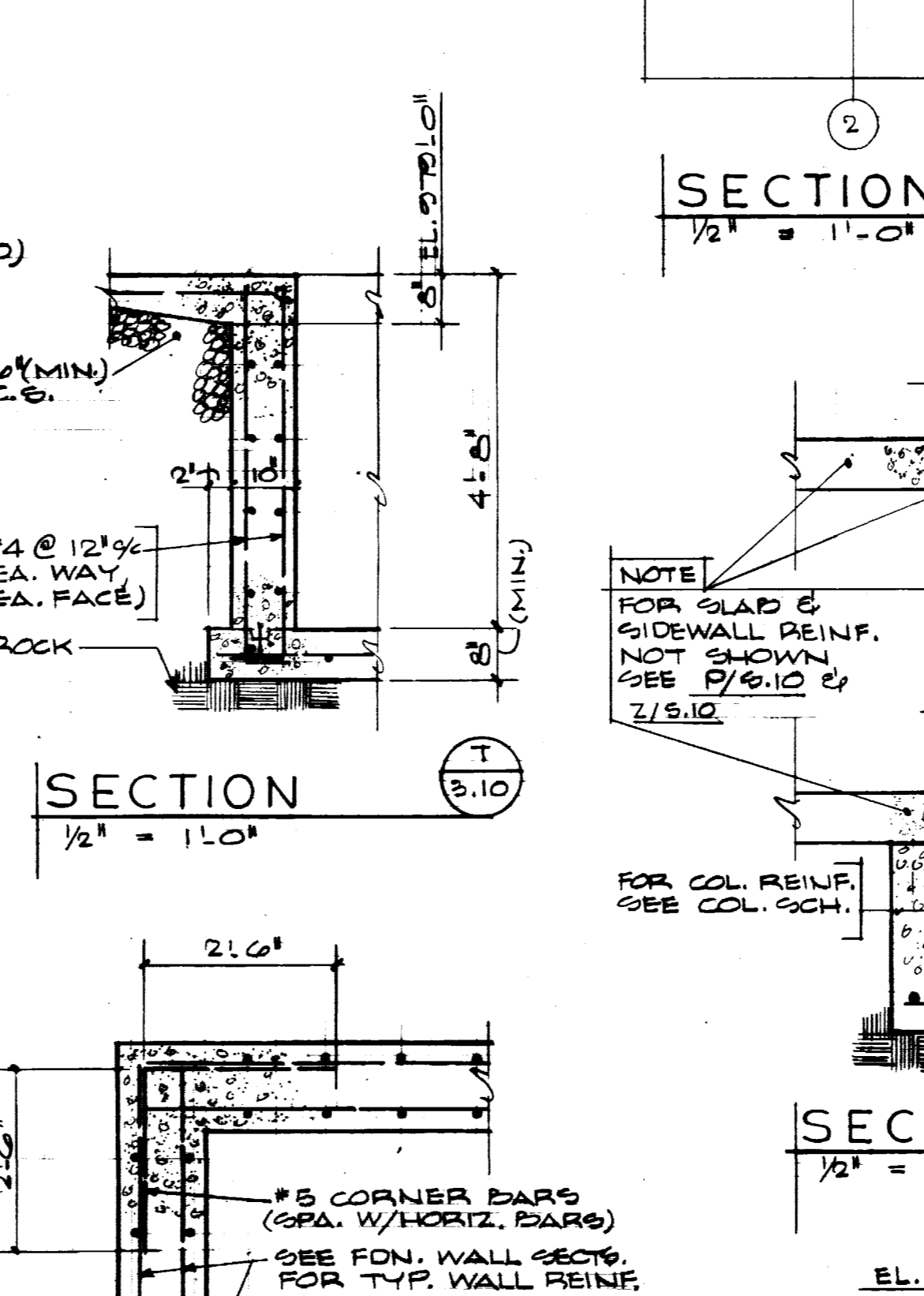
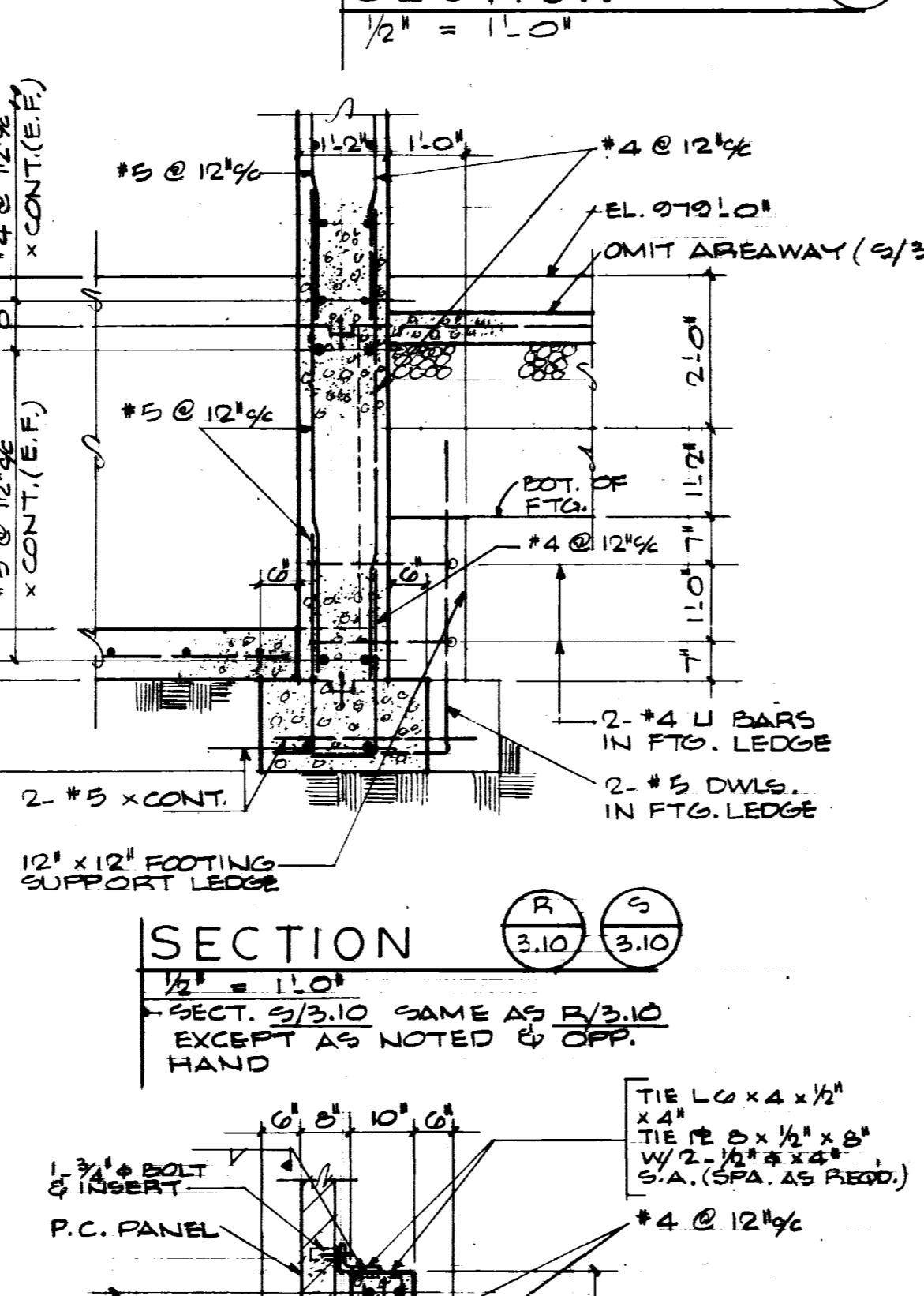
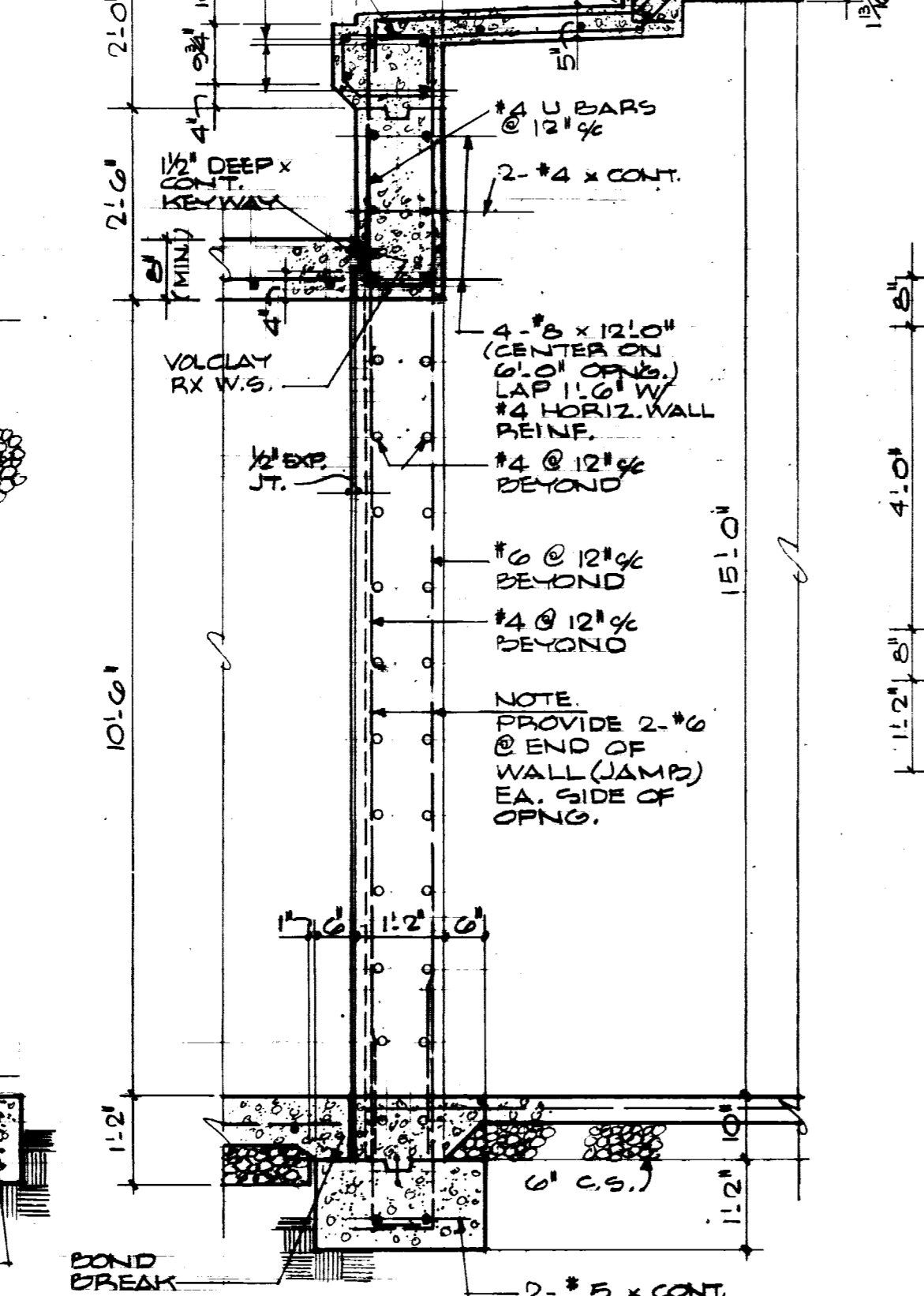
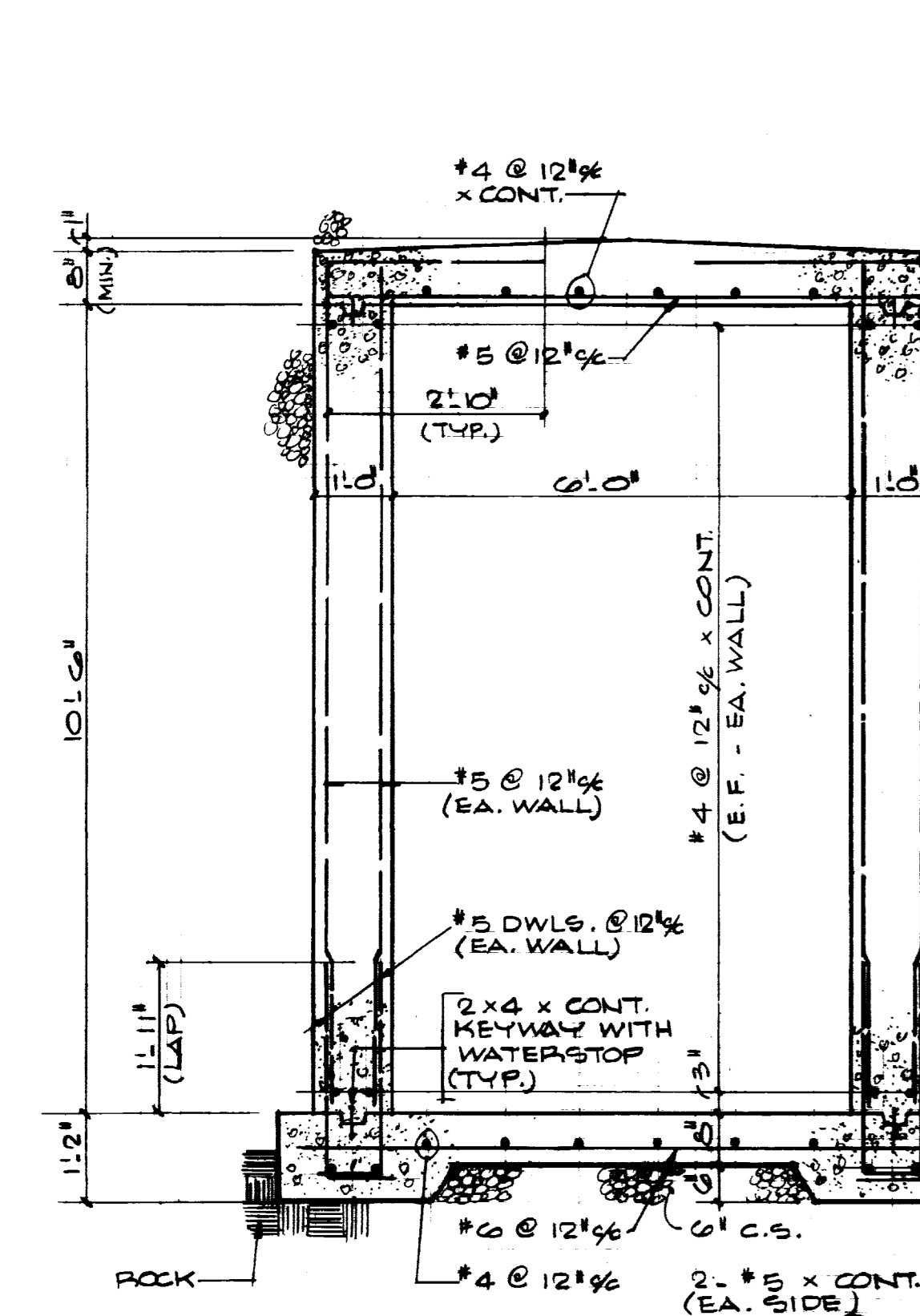
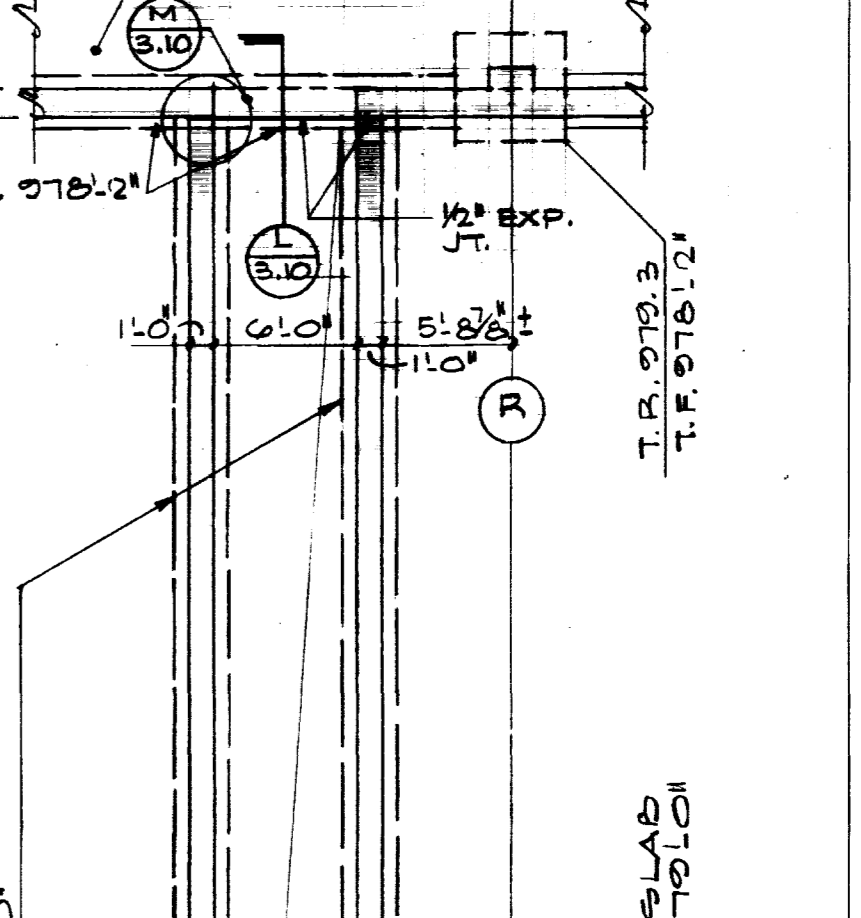
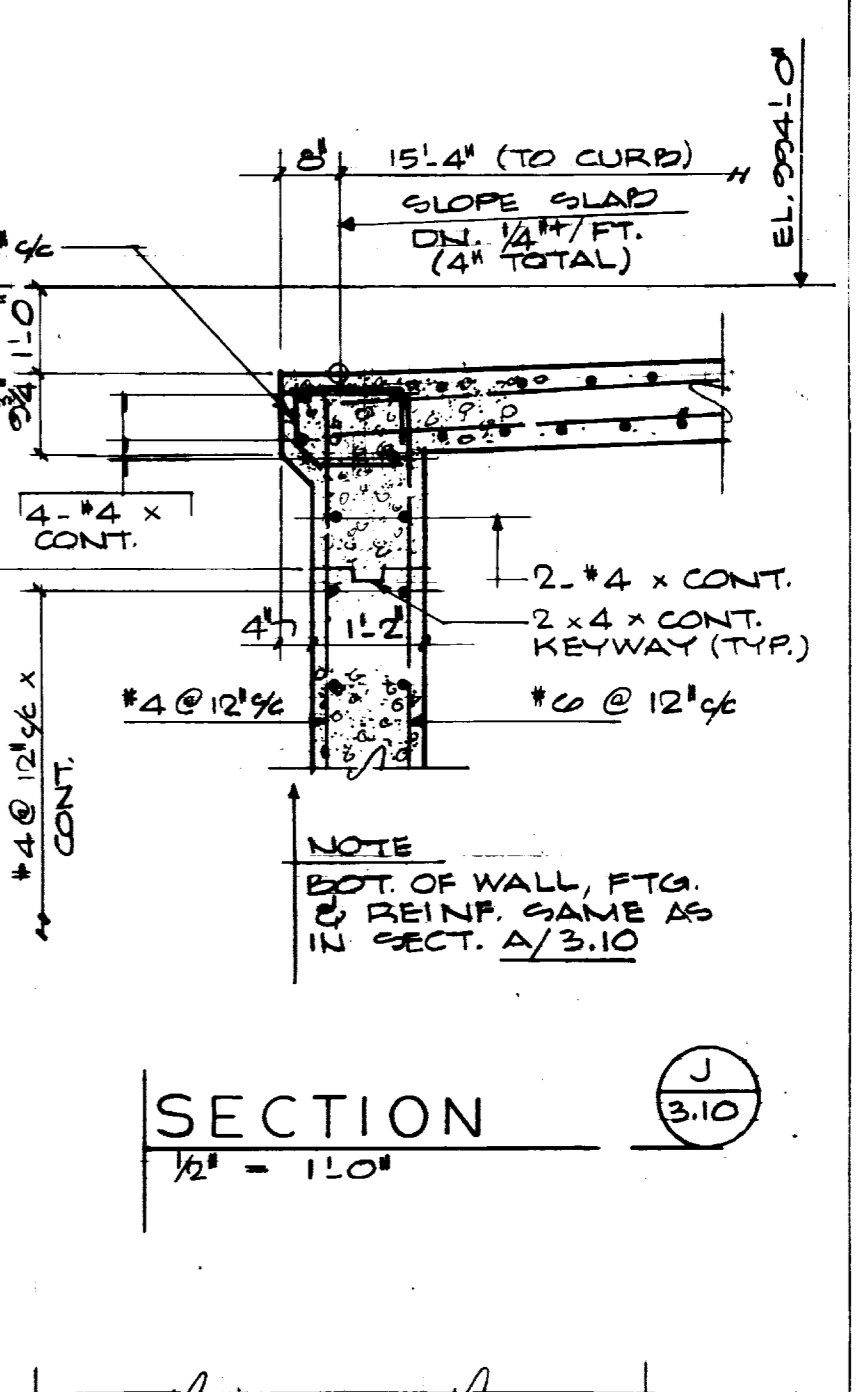
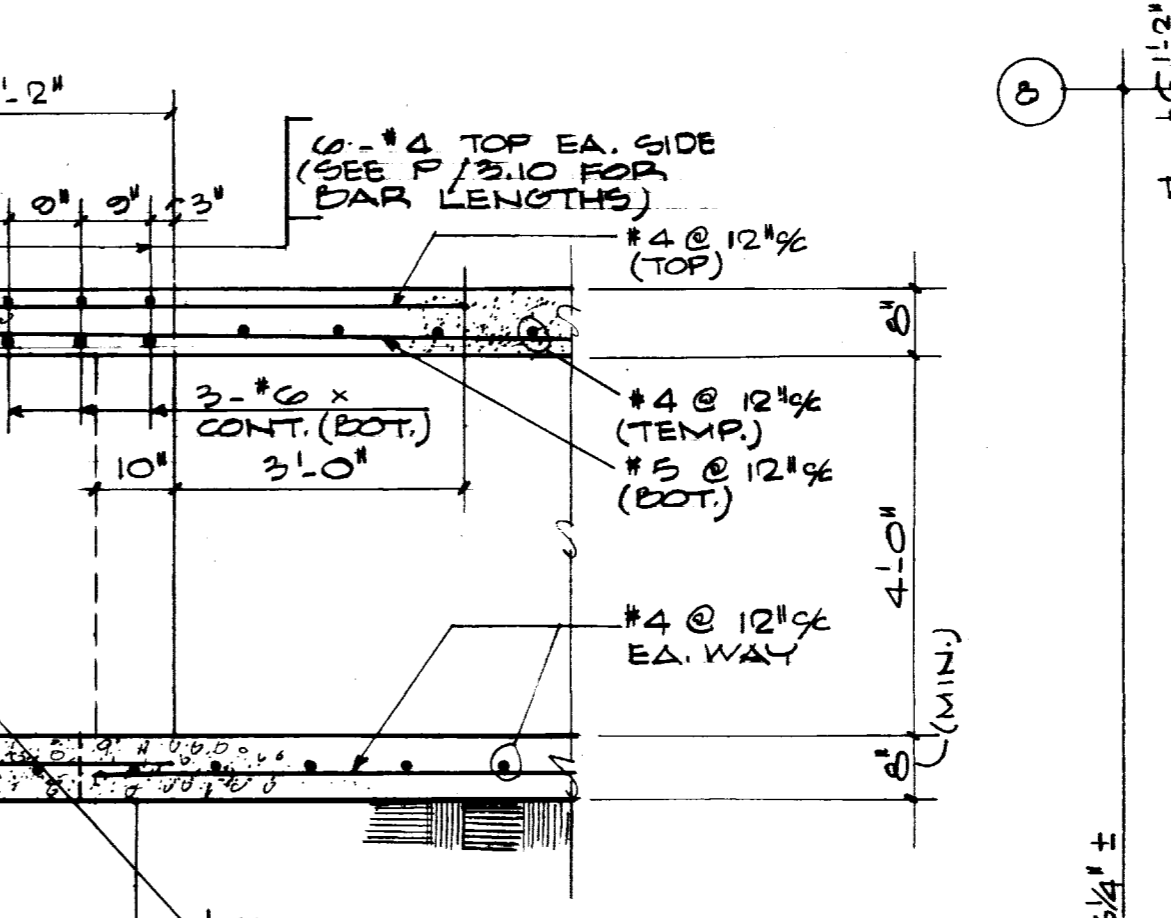
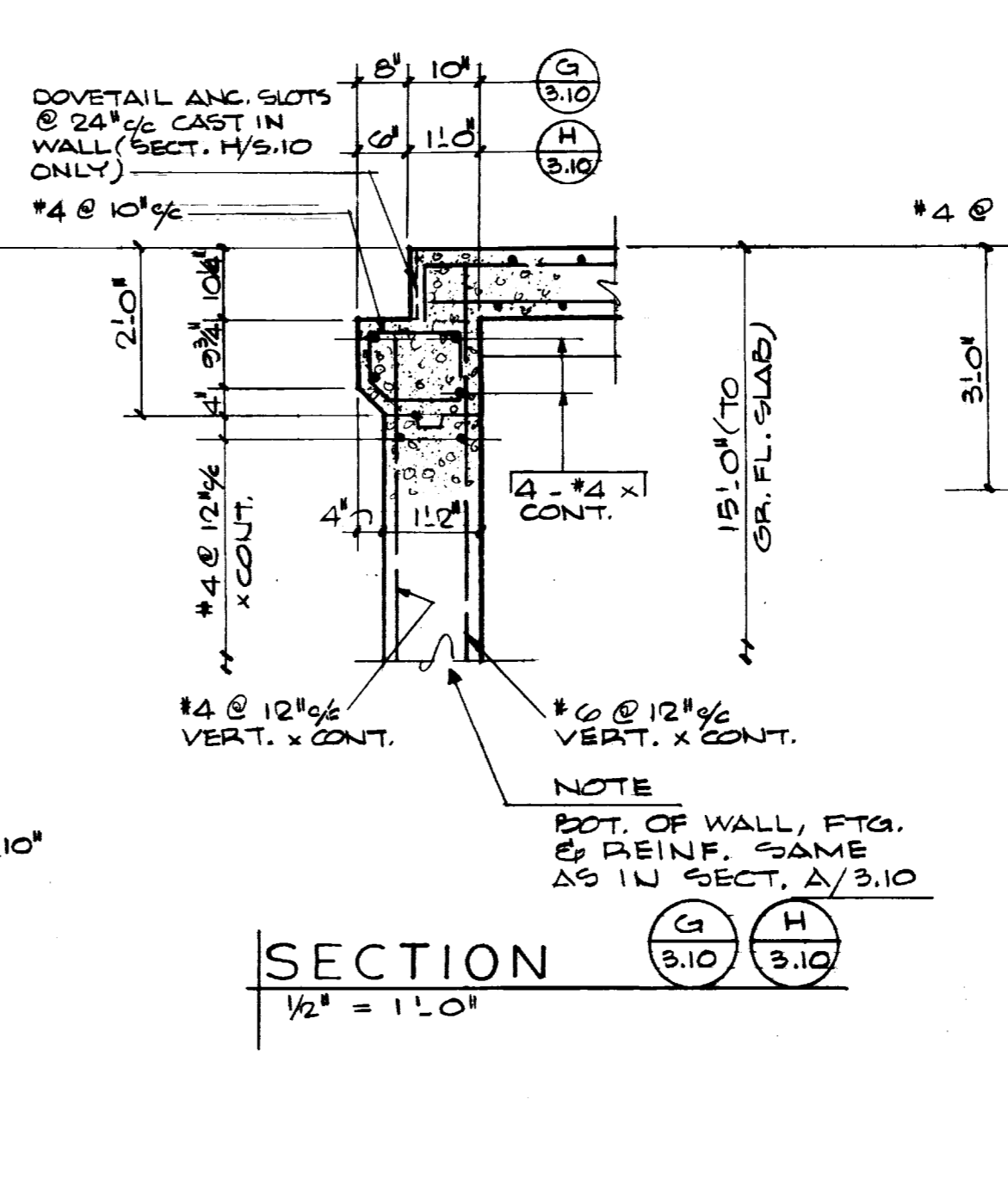
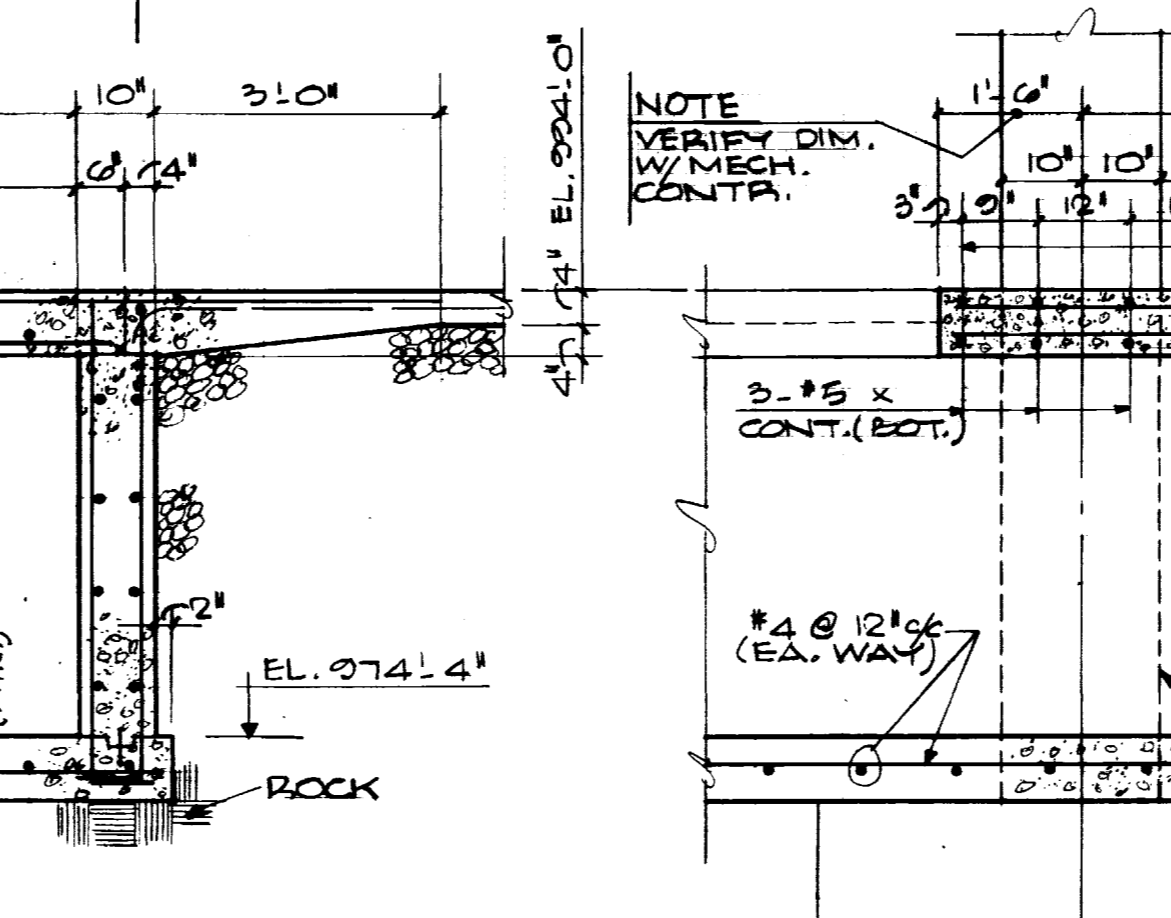
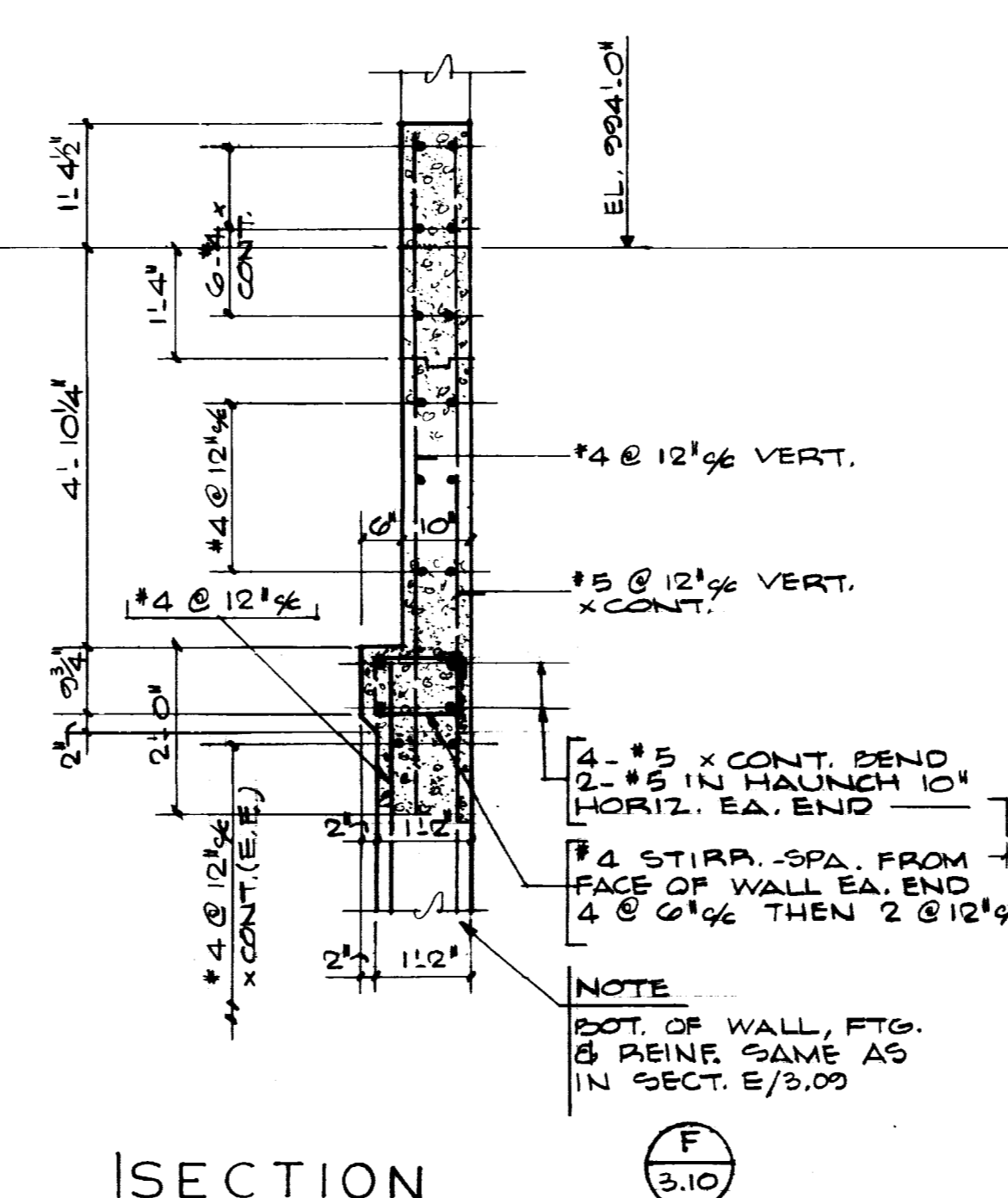
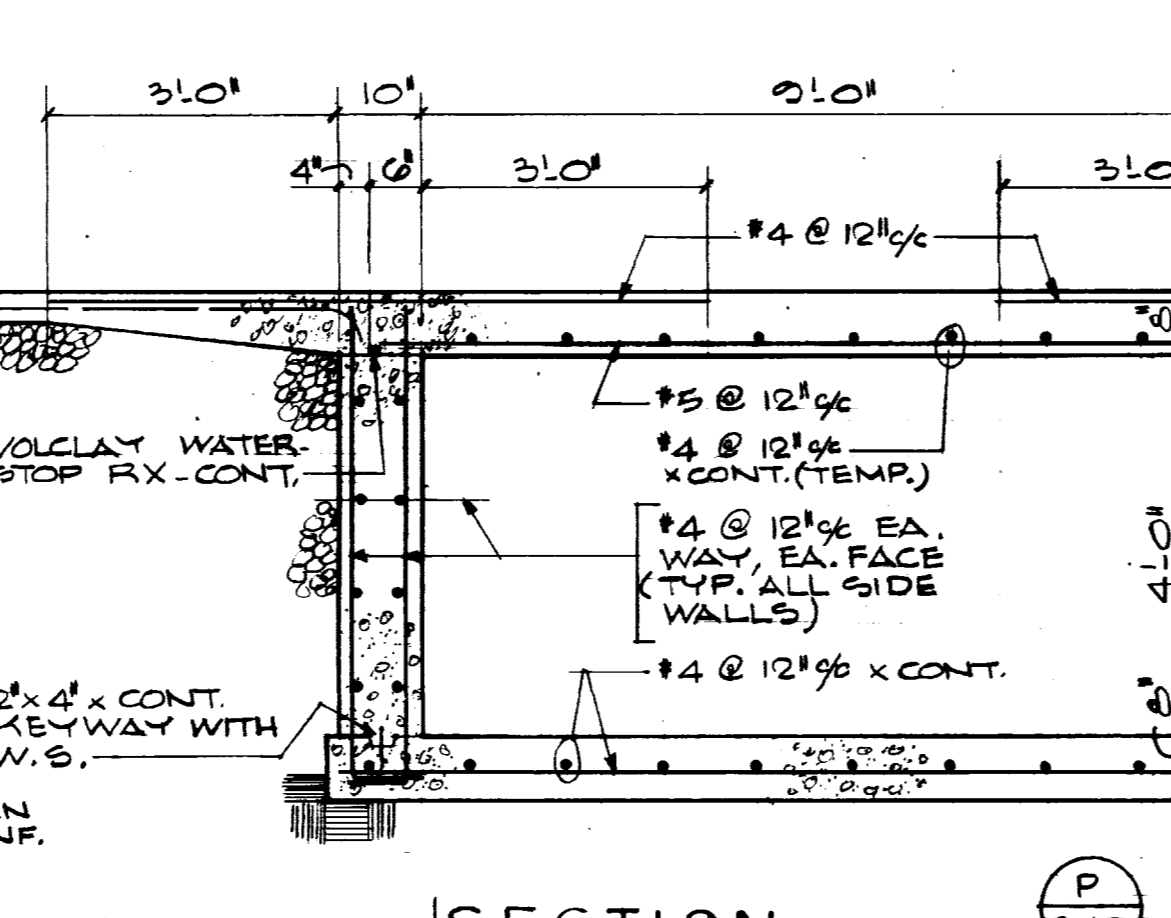
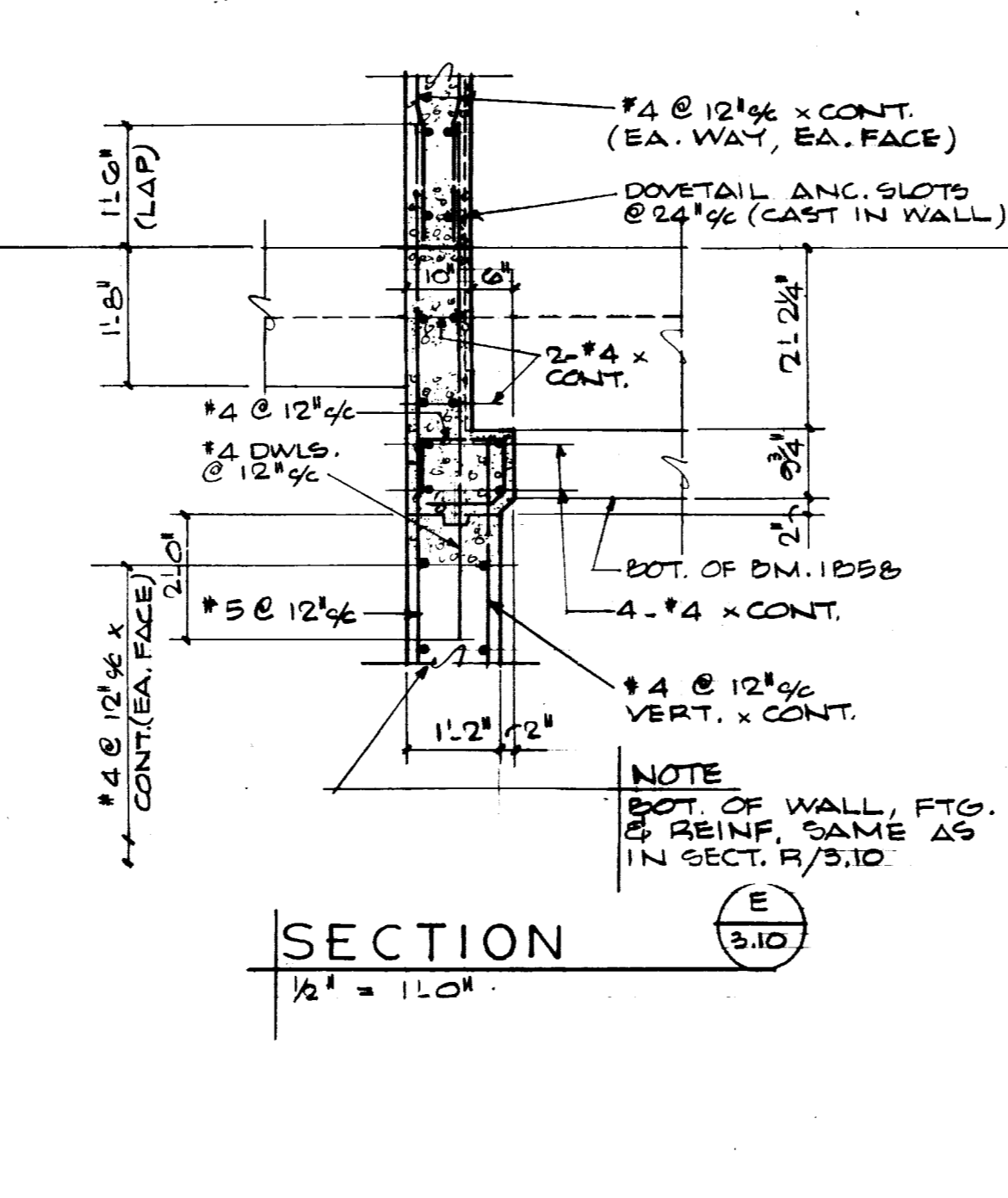
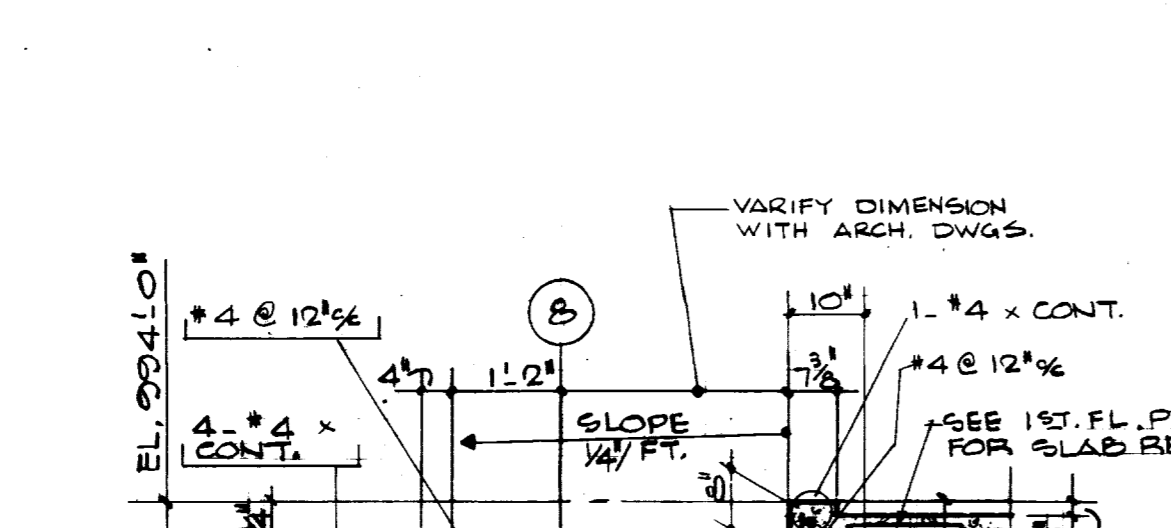
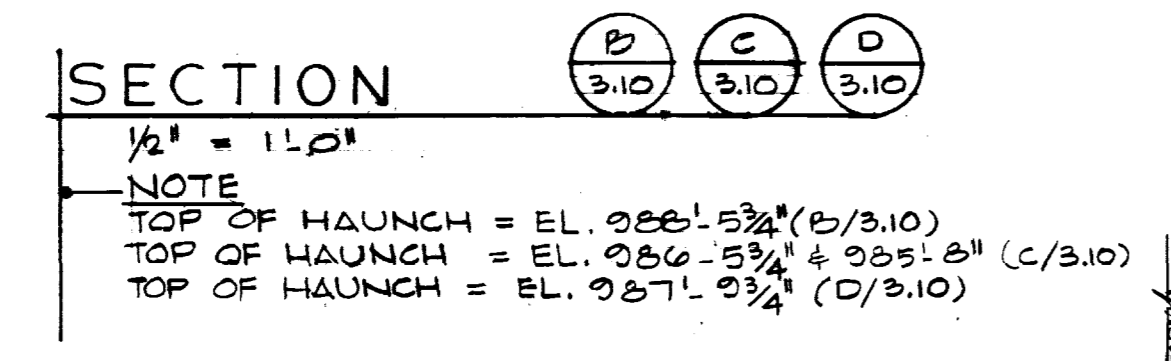
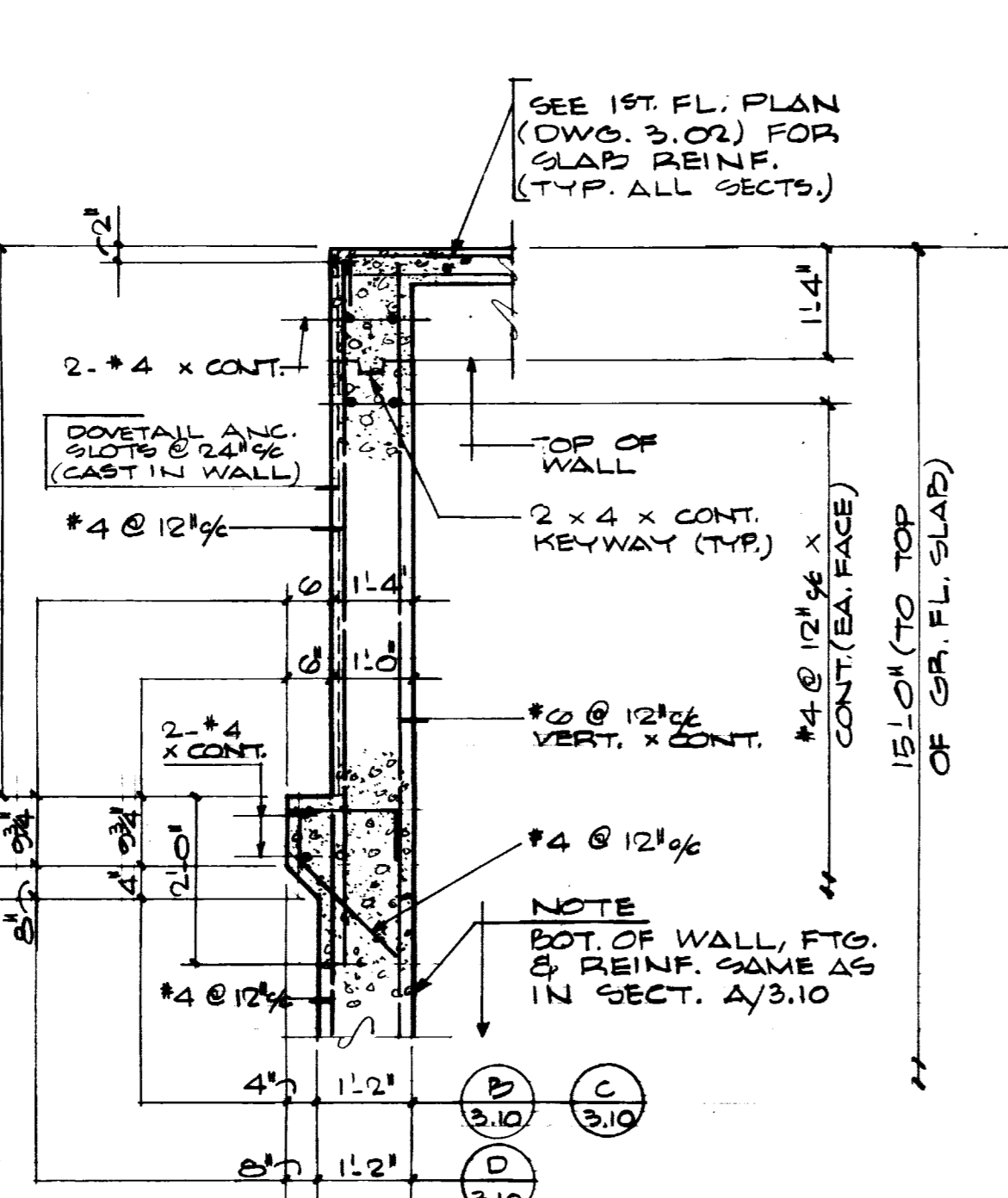
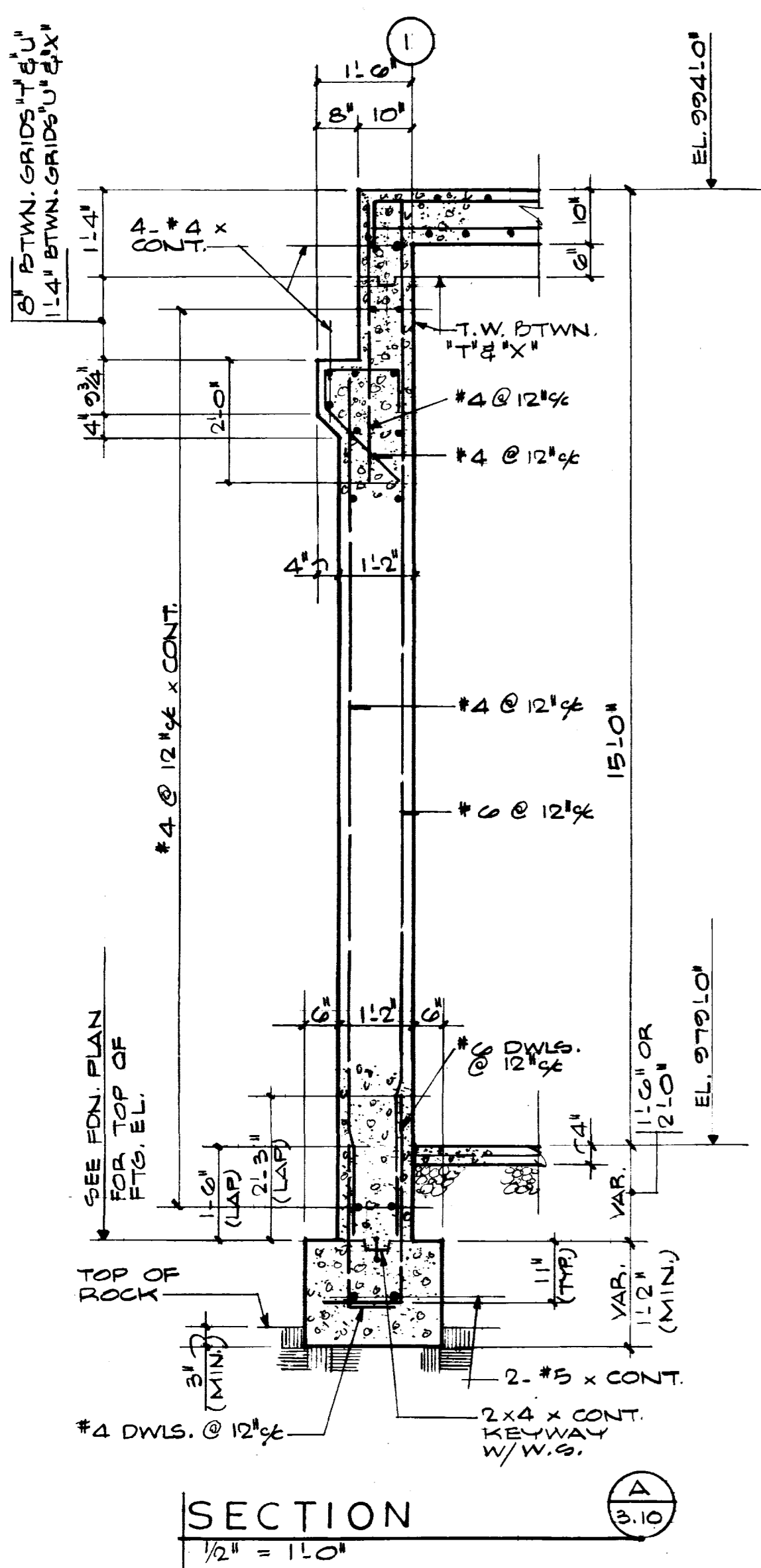
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date	
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file no.	
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ec. by	
revision	
drawing	

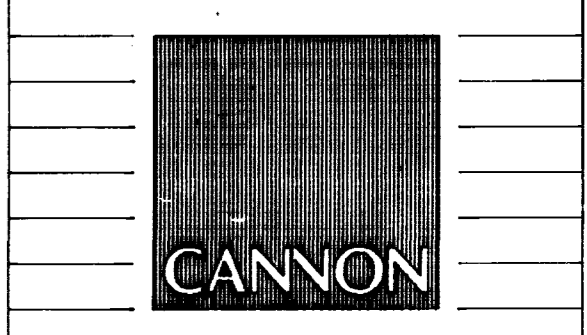


TUNNEL FLOOR AND FOUNDATION PLAN 1/2" = 1'-0"

TYPICAL WALL CORNER DETAIL (SHOWING REINF. IN PLAN)

PLAN 1" = 1'-0" (SHOWING TYP. CONTROL JT. IN CONCRETE WALL (C.J.))

THE UNIVERSITY OF KENTUCKY
 MEDICAL RESEARCH EXPANSION SPACE
 Lexington, Kentucky



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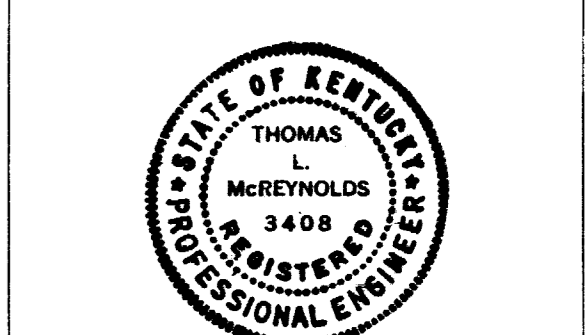
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Thomas Warewoods



Project North

Revision: _____ Date: _____
 Issue Date: Dec. 92
 Drawing Title: _____

FOUNDATION DETAILS

Drawn by: GW

Checked by: T.McR.

Project No. _____ Scale: _____
 747.0

Drawing No. _____

3-10

date	no.	description

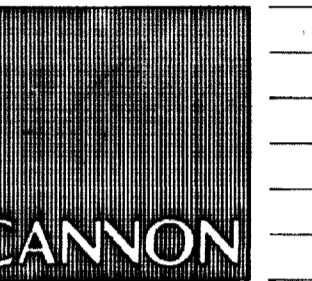
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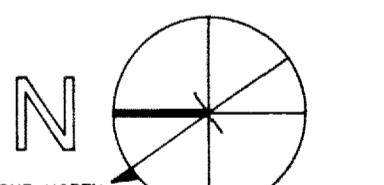
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Thomas L. McReynolds



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Drawing Title:

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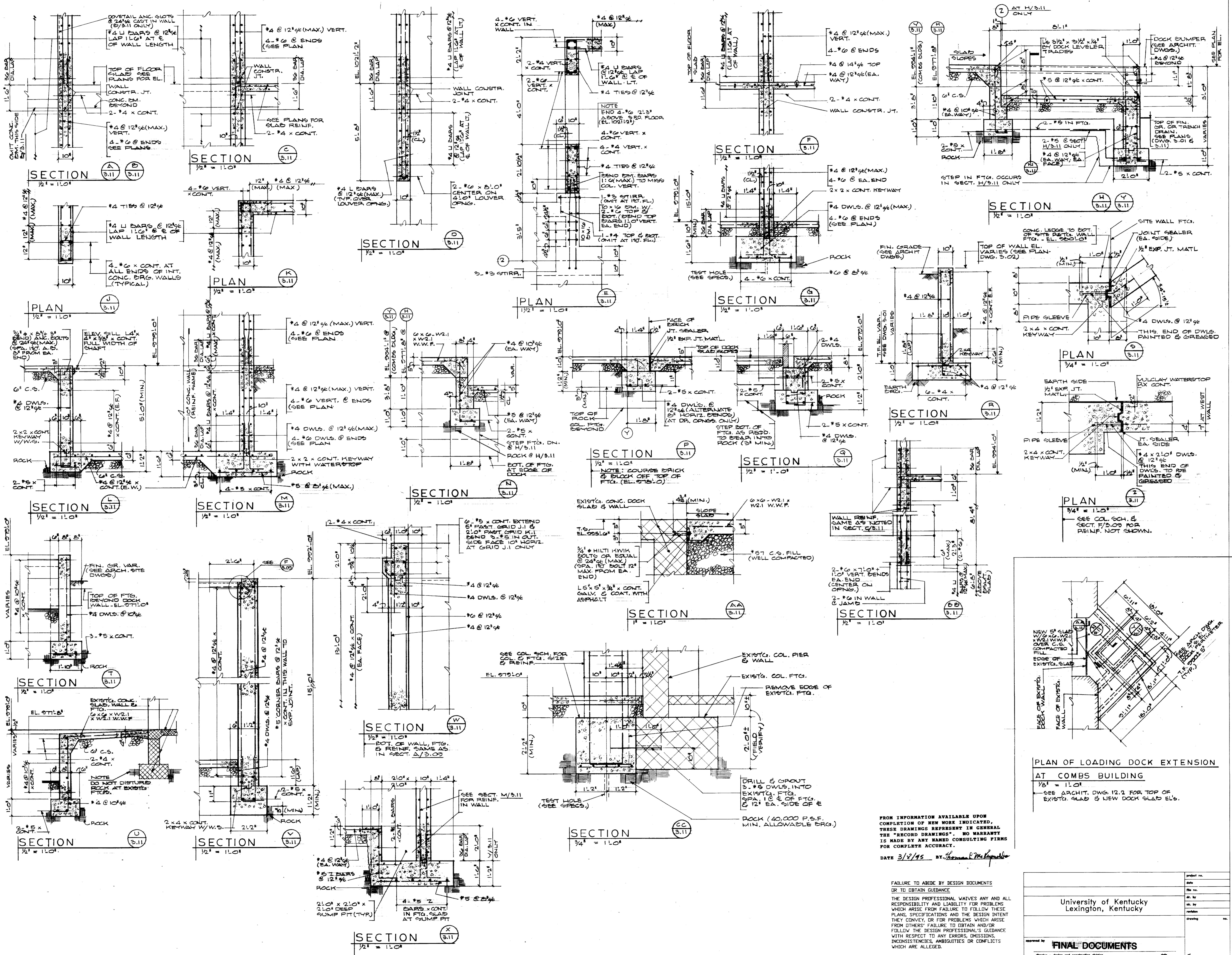
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3-11



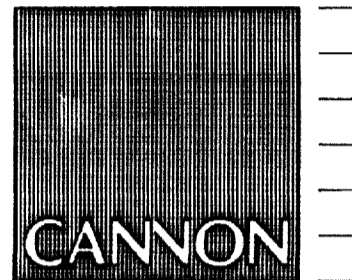
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Revision: _____ Date: _____
Issue Date: Dec. 92
Drawing Title: _____

SECTIONS AND
DETAILS

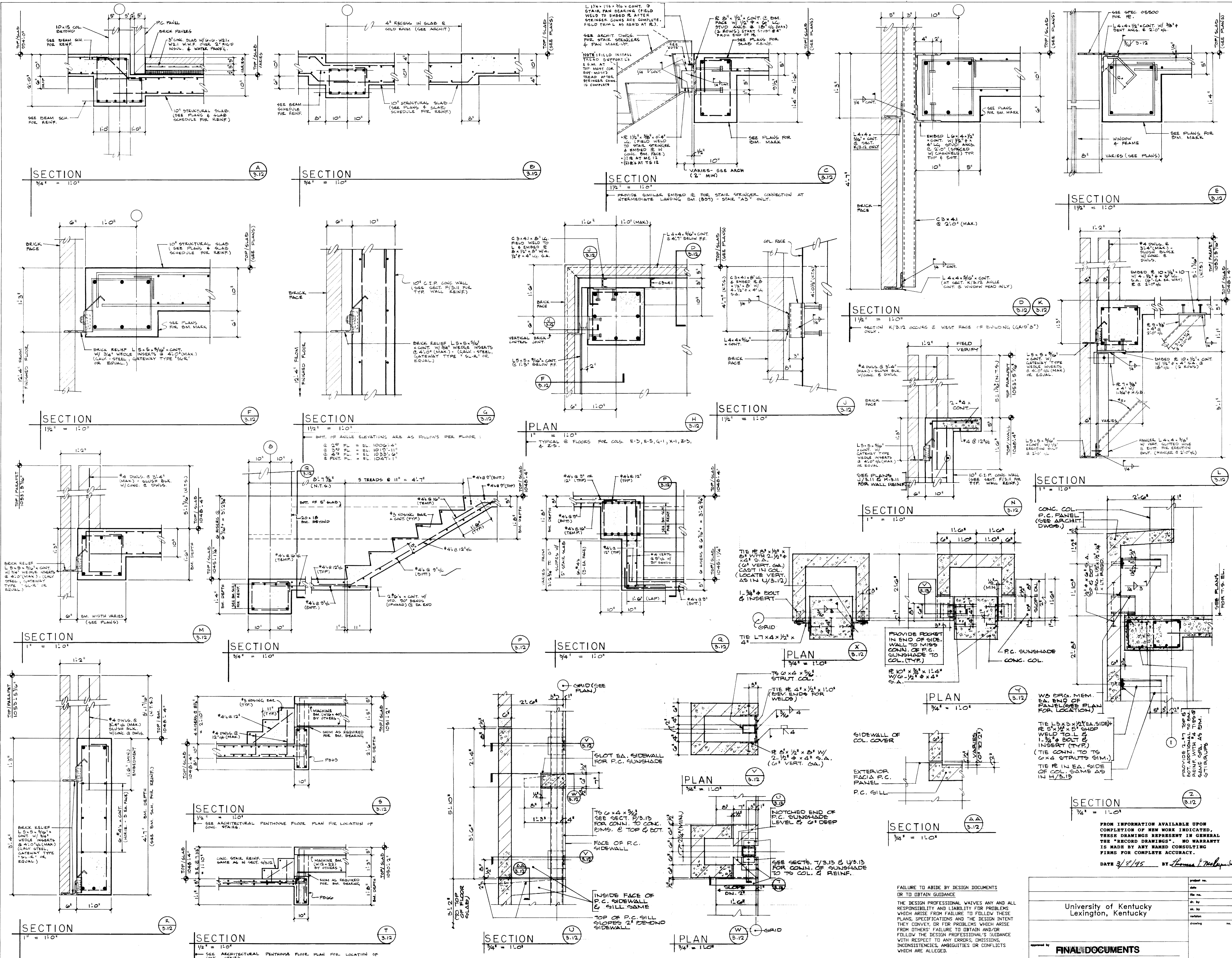
Drawn by: JF GW

Checked by: T.McR.

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3-12



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Project No.	Scale:
747.0	
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GENERAL STRUCTURAL NOTES

- DESIGN LIVE LOADS
 PENTHOUSE ROOF ----- 30 P.S.F.
 PENTHOUSE FLOOR ----- 150 P.S.F.
 ROOF ----- 30 P.S.F.
 ALL OTHER SUPPORTED FLOORS ----- 80 P.S.F. + 20 P.S.F. PARTITIONS
 BASEMENT SLAB ----- 150 P.S.F.
- DESIGN STRESSES
 CONCRETE AT 28 DAYS SHALL BE 4,000 P.S.I. (U.O.N. AT SPECIFIC COLUMNS)
 ALL REINFORCING STEEL SHALL HAVE A YIELD POINT OF NOT LESS THAN 60,000 P.S.I.
 ALL STRUCTURAL STEEL SHALL HAVE A YIELD POINT OF NOT LESS THAN 36,000 P.S.I.
 T.S. COLUMNS SHALL BE 46,000 P.S.I.
- CODES USED IN DESIGN
 CONCRETE ----- A.C.I. STANDARD BUILDING CODE A.C.I. 318-89.
 STRUCTURAL STEEL ----- A.I.S.C. SPECIFICATIONS.
 BUILDING ----- THE KENTUCKY BUILDING CODE, 1991 EDITION.
- FOUNDATION
 EXTERIOR STRIP WALL FOOTINGS ARE TO BEAR ON BEDROCK WITH A MINIMUM BEARING VALUE OF 15,000 P.S.F.
 ALL COLUMN FOOTINGS AND INTERIOR WALL STRIP FOOTINGS ARE TO BEAR ON COMPETENT BEDROCK WITH A MINIMUM BEARING VALUE OF 40,000 P.S.F.
 SITE RETAINING WALL FOOTING SHALL BE EARTH BEARING WITH A BEARING VALUE OF 3,000 P.S.F.
- ALL REINFORCING BARS TO CONFORM TO A.S.T.M. SPECIFICATION A-615, GRADE 60.
- A.C.I. CODE OF STANDARD PRACTICE SHALL GOVERN FABRICATION OF ALL REINFORCING STEEL.
- PROVIDE DOWELS IN WALLS, BEAMS, ETC. FOR ANY CONCRETE WORK NOT POURED AT THE TIME ORIGINAL WORK IS POURED. DOWELS SHALL BE SAME SIZE AS MAIN REINFORCING, AND SHALL LAP 36 BAR DIAMETERS, UNLESS OTHERWISE DETAILED.
- CONCRETE COVERAGE FOR REINFORCEMENT, UNLESS OTHERWISE SHOWN, SHALL BE AS FOLLOWS:
 STRUCTURAL SLABS ----- 1"
 SLABS ON GRADE ----- 1-1/2"
 BEAMS ----- 1-1/2" or 2-1/2" TO STIRRUPS
 WALLS ----- 1-1/2" or 2"
 COLUMNS ----- 1-1/2" TO TIES
 FOOTINGS ----- 3"
- ALL REINFORCING BARS SHALL BE TIED AND SUPPORTED IN SUCH A MANNER AS TO PREVENT OVERLAP DURING POURING OPERATIONS. REINFORCEMENT VENDORS SHALL FURNISH ALL ACCESSORIES, CHAIRS, SPACER BARS AND SUPPORTS NECESSARY TO SECURE STEEL IN ACCORDANCE WITH A.C.I. CODE OF STANDARD PRACTICE AND AS SHOWN ON THE DRAWINGS.
- IN ANY CONCRETE WORK WHERE REINFORCING IS NOT INDICATED, PROVIDE A MINIMUM OF #4 BARS AT 12" C/C EACH WAY.
- SPLICES IN REINFORCING TO BE 36 BAR DIAMETERS (MINIMUM), UNLESS OTHERWISE DETAILED.
- AT CORNERS OF ALL CONCRETE WALLS AND EXTERIOR BEAMS, PROVIDE #5 x 5'-0" CORNER BARS AT SAME SPACING AS MAIN REINFORCING, UNLESS OTHERWISE SHOWN. SEE TYPICAL WALL CORNER DETAIL (DMG. 3.10).
- DURING THE CONSTRUCTION PERIOD ALL WALLS ARE TO BE HELD PLUMB AND IN LINE UNTIL SLABS CONNECTING TO WALLS ARE IN PLACE.
- PROVIDE 2 - #5 BARS (CONT.) EACH SIDE OF ALL OPENINGS IN CONCRETE WALLS, SLABS, ETC. UNLESS OTHERWISE SHOWN. BARS TO EXTEND 2'-0" BEYOND EDGE OF OPENING, WHERE POSSIBLE.
- ALL WALLS SHALL BE POURED WITH FORMED COLUMN PIERS.
- ALL SLABS ON GRADE SHALL BE POURED ON 6" (MIN.) OF CRUSHED STONE FILL. SLABS SHALL BE REINFORCED WITH 626-W2x2 WELDED WIRE FABRIC, UNLESS OTHERWISE SHOWN.
- CRUSHED STONE FILL SHALL BE PLACED ON BEDROCK IN BASEMENT SLAB AND LOADING DOCK AREAS.
- TO MINIMIZE CRACKING DUE TO SHRINKAGE, SLABS ON GRADE INSIDE THE BUILDING SHALL BE POURED IN ALTERNATE SQUARES. SIZE OF SQUARES SHALL BE A MAXIMUM OF 30' x 30', OR AS APPROVED BY THE ARCHITECT. SEE TYPICAL SLAB CONSTRUCTION DETAILS. WHERE POSSIBLE, LOCATE CONSTRUCTION JOINTS UNDER INTERIOR MASONRY WALLS.
- SEE TYPICAL SLAB DETAIL FOR THICKENED SLABS UNDER ALL INTERIOR MASONRY BLOCK WALLS UNLESS OTHERWISE DETAILED.
- FABRICATION AND ERECTION OF STRUCTURAL STEEL MEMBERS SHALL BE IN ACCORDANCE WITH A.I.S.C. CODE OF STANDARD PRACTICE.
- ALL STRUCTURAL STEEL CONNECTIONS SHALL BE ADEQUATE TO DEVELOP THE CONNECTED MEMBER.
- CONTRACTOR TO VERIFY ELEVATION OF EXISTING MEDICAL SCIENCE BUILDING FLOORS AND CONFIRM THAT FLOORS RELATE TO NEW BUILDING AS DETAILED. NOTIFY ARCHITECT OF ANY DIFFERENCES.
- DURING THE CONSTRUCTION PERIOD, IT IS THE CONTRACTOR'S RESPONSIBILITY TO CROSS CHECK ALL DIMENSIONS AND SECTIONS SHOWN ON THE STRUCTURAL DRAWINGS WITH DIMENSIONS AND SECTIONS SHOWN ON THE ARCHITECTURAL DRAWINGS AND REPORT TO THE ARCHITECT ANY DISCREPANCIES FOUND.
- THESE STRUCTURAL DRAWINGS AND DETAILS REPRESENT THE DESIRED RESULT OF CONSTRUCTION. THE METHODS OF CONSTRUCTION AND THE RISKS INVOLVED DURING CONSTRUCTION ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

LIST OF ABBREVIATIONS

C.I.P. ----- CAST IN PLACE	S.A. ----- STUD ANCHOR
C.S. ----- CRUSHED STONE FILL	STIRR. ----- STIRRUPS
COMP. ----- COMPOSITE	T.B. ----- TOP OF STEEL BEAM
DWLS. ----- DOWELS	T.C.M. ----- TOP OF CONCRETE WALL
EL. ----- ELEVATION	T.F. ----- TOP OF FOOTING ELEVATION
F.F. ----- FINISHED FLOOR	T.R. ----- TOP OF ROCK
GALV. ----- GALVANIZED	T.S. ----- TOP OF SLAB ELEVATION
H.S.B. ----- HIGH STRENGTH BOLT	TYP. ----- TYPICAL
N.T.S. ----- NOT TO SCALE	U.O.N. ----- UNLESS OTHERWISE NOTED
P.C. ----- PRECAST CONCRETE PANEL	W.S. ----- WATERSTOP
P.S.F. ----- POUNDS PER SQUARE FOOT	W.W.F. ----- WELDED WIRE FABRIC
P.S.I. ----- POUNDS PER SQUARE INCH	

PRECAST PANEL NOTES

- ALL ANGLES AND PLATES REQUIRED TO CONNECT PRECAST TO STRUCTURAL FRAME (INCLUDING THOSE EMBEDDED IN CONCRETE FRAME) SHALL BE FURNISHED UNDER SPECIFICATION SECTION 03450, UNLESS OTHERWISE NOTED.
- ALL PRECAST PANEL CONNECTIONS SHOWN ON STRUCTURAL DRAWINGS ARE INTENDED TO IMPLY THE TYPE AND INTENT OF ANCHORING PRECAST PANEL TO STRUCTURAL FRAME. ACTUAL CONNECTIONS ARE TO BE DESIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF KENTUCKY, HIRED BY THE PRECAST SUPPLIER.
- ALL PRECAST CONCRETE PANELS SHALL HAVE A MINIMUM OF .062 SQUARE INCH OF REINFORCEMENT IN BOTH FACES AND SPACING BOTH DIRECTIONS. ADDITIONAL REINFORCING IN BOTH FACES EACH WAY SHALL BE ADDED AS REQUIRED FOR WIND AND GRAVITY LOADING REQUIREMENTS.
- SEE ARCHITECTURAL DRAWINGS FOR LOCATION AND NUMBER OF HORIZONTAL AND VERTICAL JOINTS IN P.C. PANELS.

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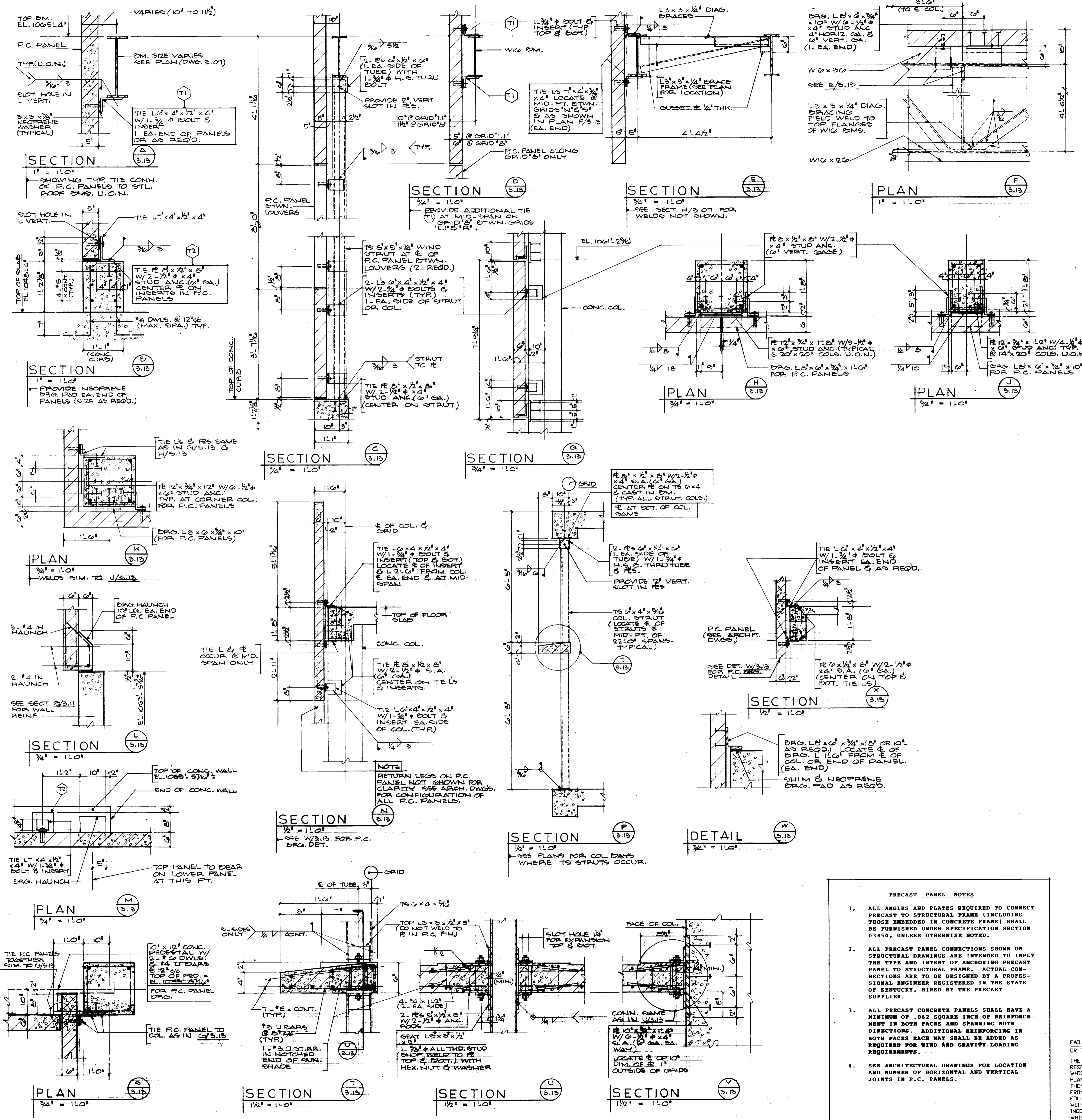
GENERAL STRUCTURAL NOTES AND SECTIONS

Drawn by: G.W.

Checked by: T.McR.

Project No. Scale: 747.0

Drawing No. 3-13



TYPE A		TYPE B		TYPE C		TYPE D		TYPE ①		TYPE ②		TYPE ③											
MARK	SIZE	NO. & SIZE	TOP BAR	BOTTOM BAR	TYPE	A	B	C	S	SECTION	MARK	SIZE	NO. & SIZE	TOP BAR	BOTTOM BAR	TYPE	A	B	C	S	SECTION		
FIRST FLOOR BEAMS																							
1B1	20x16	3#5	✓	✓	C	3'	7.5'	10'	15.5'	④	1	3	4	①									
1B2	20x16	3#5	✓	✓	C	3'	9.5'	10'	15.5'	④	1	3	4	①									
1B3	20x16	4#6	✓	✓	A	7'	17.4'	10'	20.3'	④	1	6	12	①									
1B4	20x16	4#6	✓	✓	A	15.0'	18.0'	0	20.3'	④	1	6	12	①									
1B5	10x16	2#7	✓	✓	A	6.0'	8.0'	0	15.5'	④	1	2	4	①									
1B6	10x16	3#6	✓	✓	C	15.8'	8.0'	0	19.1'	④	1	1	4	①									
1B7	10x16	3#6	✓	✓	A	8.0'	7.0'	0	14.1'	④	1	4	4	①									
1B8	10x16	3#6	✓	✓	C	9.0'	9.0'	0	17.0'	④	1	7	4	①									
1B9	20x20	2#7	✓	✓	C	10'	5'	0	19.1'	④	1	1	4	①									
1B10	20x16	2#7	✓	✓	D	7'	15.2'	10'		④	1	1	2	①									
1B11	20x16	3#7	✓	✓	B	8.2'	10.0'	0	15.5'	④	1	1	5	①									
1B12	20x16	2#7	✓	✓	B	10.0'	11.2'	0	15.10'	④	1	10	3	①									
1B13	20x24	2#7	✓	✓	B	17.0'	8.2'	0	25.0'	④	1	1	5	①									
1B14	20x16	3#7	✓	✓	C	7'	7'	0	14.9'	④	1	6	3	①									
1B15	20x16	3#6	✓	✓	C	11.2'	11.2'	0	17.0'	④	1	7	4	①									
1B16	20x16	5#7	✓	✓	C	9.4'	10.0'	0	7.11'	④	1	1	2	①									
1B17	22x20	2#6	✓	✓	B	25.4'	7'	10'	32.3'	④	1	1	4	①									
1B18	20x16	3#6	✓	✓	C	6.2'	3.0'	0		④	1	1	3	①									
1B19	20x16	2#7	✓	✓	C	7'	15.2'	0	10.0'	④	1	1	2	①									
1B20	20x16	2#6	✓	✓	B	10.5'	8.0'	0	28.2'	④	1	1	2	①									
1B21	20x16	2#6	✓	✓	A	8.0'	8.0'	0	24.8'	④	1	1	5	①									
1B22	20x16	2#6	✓	✓	B	11.0'	10.3'	0	21.1'	④	1	6	3	①									
1B23	20x16	3#6	✓	✓	B	10.5'	10.3'	0	19.8'	④	1	7	3	①									
1B24	14x16	2#7	✓	✓	C	4.0'	5'	10.0'	15.4'	④	1	1	2	①									
1B25	10x16	2#6	✓	✓	C	4.0'	4.0'	0	9.9'	④	1	3	2	①									
1B26	10x16	2#6	✓	✓	C	0	0	0	9.1'	④	1	3	2	①									
1B27	20x16	2#6	✓	✓	C	7'	8.0'	10.0'	10.1'	④	1	5	1	①									
1B28	20x16	2#6	✓	✓	B	20.5'	11.0'	0	24.5'	④	1	1	5	①									
1B29	20x16	3#6	✓	✓	C	5.0'	5.3'	0	18.4'	④	1	8	4	①									
1B30	20x16	1#6	✓	✓	D	5.3'	7'	11.0'	9.1'	④	1	1	2	①									
1B31	10x16	2#6	✓	✓	C	2'	5'	0	8.11'	④	1	2	2	①									
1B32	16x16	1#6	✓	✓	A	3'	7.5'	11.0'	13.4'	④	1	1	2	①									
1B33	10x16	2#6	✓	✓	C	5.0'	5.0'	0	12.9'	④	1	6	2	①									
1B34	20x16	2#6	✓	✓	C	3'	5.0'	10.0'	5.3'	④	1	1	1	①									
1B35	20x18	4#6	✓	✓	C	7'	6.0'	11.0'	14.9'	④	1	8	1	①									
1B36	20x20	2#6	✓	✓	A	4.6'	11.0'	0	22.0'	④	1	9	3	①									
1B37	14x18	2#6	✓	✓	A	7'	14.0'	10'	21.5'	④	1	1	3	①									
1B38	20x18	2#6	✓	✓	A	7'	6.8'	10.0'	21.5'	④	1	1	3	①									
1B39	20x18	3#6	✓	✓	B	12.0'	9.3'	0		④	1	1	4	①									
1B40	20x16	2#6	✓	✓	C	2'	2'	0		④	1	1	2	①									

TYPICAL FLOOR BEAMS																						
MARK	SIZE	NO. & SIZE	TOP BAR	BOTTOM BAR	TYPE	A	B	C	S	SECTION	MARK	SIZE	NO. & SIZE	TOP BAR	BOTTOM BAR	TYPE	A	B	C	S	SECTION	
B1	15x16	3#7	✓	✓	A	7'	11.9'	11.2'	22.0'	④	1	9	3	①								
B2	15x16	3#7	✓	✓	B	11.9'	11.9'	0	22.0'	④	1	9	3	①								
B3	15x16	3#7	✓	✓	B	11.9'	7'	11.2'	22.0'	④	1	9	3	①								
B4	10x16	2#6	✓	✓	C	4'	3'	10'	8.3'	④	1	2	1	①								
B5	10x16	2#6	✓	✓	C	3'	4'	10'	8.3'	④	1	2	1	①								
B6	20x16	3#5	✓	✓	C	3'	7.3'	10'	13.11'	④	1	3	4	①								
B7	20x16	3#5	✓	✓	C	3'	3'	0	13.11'	④	1	3	4	①								

MARK	SIZE	NO. & SIZE	TOP BAR	BOTTOM BAR	TYPE	A	B	C	S	SECTION	MARK	SIZE	NO. & SIZE	TOP BAR	BOTTOM BAR	TYPE	A	B	C	S	SECTION	
B8	22x20	2#7	✓	✓	A	7'	19.0'	11.2'	32.3'	④	1	1	4	①								
B9	20x24	2#8	✓	✓	A	11.3'	23.3'	0	33.0'	④	1	1	5	①								
B10	22x20	2#9	✓	✓	A	15.0'	15.0'	0	32.3'	④	1	1	4	①								
B11	10x16	2#7	✓	✓	A	8.0'	8.0'	0	15.5'	④	1	1	2	①								
B12	10x16	3#6	✓	✓	B	3.8'	4'	7.0'	19.1'	④	1	1	4	①								
B13	10x16	3#7	✓	✓	C	4'	7.0'	10'	14.8'	④	1	1	4	①								
B14	10x16	3#6	✓	✓	B	9.6'	9.0'	0	17.0'	④	1	1	4	①								
B15	22x20	2#7	✓	✓	A	7'	23.5'	11.2'	32.3'	④	1	1	4	①								
B16	20x16	4#9	✓	✓	C	10.0'	7.3'	0	7.11'	④	1	1	2	①								
B17	20x16	3#7	✓	✓	B	8.2'	10.0'	0	13.5'	④	1	1	5	①								
B18	20x16	2#7	✓	✓	B	10.0'	11.0'	0	18.10'	④	1	10	3	①								
B19	20x24	2#7	✓	✓	B	17.0'	8.2'	0	33.0'	④	1	1	8	①								
B20	20x16	3#7	✓	✓	B	8.2'	9.4'	0	14.9'	④	1	6	3	①								
B21	20x16	3#7	✓	✓	C	11.2'	11.2'	0	17.0'	④	1	7	4	①								
B22	20x16	5#7	✓	✓	C	9.4'	10.0'	0	7.11'	④	1	1	2	①								
B23	22x20	2#6	✓	✓	B	15.0'	7'	10'	32.3'	④	1	1	4	①								
B24	20x16	3#6	✓	✓	C	6.2'	3.0'	0	10.0'	④	1	1	3	①								
B25	20x16	2#6	✓	✓	B	11.9'	8.0'	0	22.2'	④	1	1	3	①								
B26	20x16	1#6	✓	✓	A	8.0'	8.0'	0	24.8'	④	1	1	5	①								
B27	20x16	2#6	✓	✓	B	11.0'	10.3'	0	21.1'	④	1	6	3	①								
B28	20x16	3#6	✓	✓	B	10.5'	10.3'	0	19.8'	④	1	7	3	①	</							

SECOND FLOOR BEAMS										FOURTH FLOOR BEAMS										PENTHOUSE FLOOR BEAMS										THIRD FLOOR BEAMS																																																																																																																																																																																																																																																																													
MARK	SIZE	NO. 4 SIZE	NO. 6 SIZE	NO. 8 SIZE	NO. 10 SIZE	NO. 12 SIZE	NO. 14 SIZE	NO. 16 SIZE	NO. 18 SIZE	MARK	SIZE	NO. 4 SIZE	NO. 6 SIZE	NO. 8 SIZE	NO. 10 SIZE	NO. 12 SIZE	NO. 14 SIZE	NO. 16 SIZE	NO. 18 SIZE	MARK	SIZE	NO. 4 SIZE	NO. 6 SIZE	NO. 8 SIZE	NO. 10 SIZE	NO. 12 SIZE	NO. 14 SIZE	NO. 16 SIZE	NO. 18 SIZE	MARK	SIZE	NO. 4 SIZE	NO. 6 SIZE	NO. 8 SIZE	NO. 10 SIZE	NO. 12 SIZE	NO. 14 SIZE	NO. 16 SIZE	NO. 18 SIZE																																																																																																																																																																																																																																																																				
281	15x16	3-7	✓	✓	✓	✓	✓	✓	✓	4B1	20x18	2-6	✓	✓	✓	✓	✓	✓	✓	4B2	20x20	2-7	✓	✓	✓	✓	✓	✓	✓	4B3	10x16	2-5	✓	✓	✓	✓	✓	✓	✓	2B1	15x24	2-7	✓	✓	✓	✓	✓	✓	✓	2B2	15x24	2-7	✓	✓	✓	✓	✓	✓	✓	2B3	20x18	2-6	✓	✓	✓	✓	✓	✓	✓	2B4	20x20	2-7	✓	✓	✓	✓	✓	✓	✓	2B5	10x16	2-5	✓	✓	✓	✓	✓	✓	✓	2B6	10x16	2-5	✓	✓	✓	✓	✓	✓	✓	2B7	47x16	1-6	✓	✓	✓	✓	✓	✓	✓	2B8	20x20	2-7	✓	✓	✓	✓	✓	✓	✓	2B9	20x20	2-7	✓	✓	✓	✓	✓	✓	✓	2B10	20x20	2-7	✓	✓	✓	✓	✓	✓	✓	2B11	10x16	2-5	✓	✓	✓	✓	✓	✓	✓	2B12	20x20	2-7	✓	✓	✓	✓	✓	✓	✓	2B13	20x20	2-7	✓	✓	✓	✓	✓	✓	✓	2B14	20x20	2-7	✓	✓	✓	✓	✓	✓	✓	2B15	10x16	2-5	✓	✓	✓	✓	✓	✓	✓	2B16	10x16	2-5	✓	✓	✓	✓	✓	✓	✓	2B17	47x16	1-6	✓	✓	✓	✓	✓	✓	✓	2B18	20x20	2-7	✓	✓	✓	✓	✓	✓	✓	2B19	20x20	2-7	✓	✓	✓	✓	✓	✓	✓	2B20	20x18	2-6	✓	✓	✓	✓	✓	✓	✓	2B21	20x18	2-6	✓	✓	✓	✓	✓	✓	✓	2B22	20x18	2-6	✓	✓	✓	✓	✓	✓	✓	2B23	22x22	2-8	✓	✓	✓	✓	✓	✓	✓	2B24	20x18	2-6	✓	✓	✓	✓	✓	✓	✓	2B25	20x18	2-6	✓	✓	✓	✓	✓	✓	✓	2B26	20x18	2-6	✓	✓	✓	✓	✓	✓	✓

MARK	SIZE	NO. 4 SIZE	NO. 6 SIZE	NO. 8 SIZE	NO. 10 SIZE	NO. 12 SIZE	NO. 14 SIZE	NO. 16 SIZE	NO. 18 SIZE	SECTION	SPACING FROM EDGE OF SUPPORT (A, B, C, D)	TYPE
PB27	20x18	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 6 3	①
PB28	20x18	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 5 3	①
PB29	20x18	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 6 4	①
PB30	14x18	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 1 2	①
PB31	10x18	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 3 2	①
PB32	10x18	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 1 2	①
PB33	10x18	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 3 2	①
PB34	20x18	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 4	①
PB35	20x18	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 10 3	①
PB36	20x18	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 6 2	①
PB37	12x55	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 1 3	①
PB38	22x18	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 3 2	①
PB39	22x18	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 8 4	①
PB40	20x18	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 10 3	①
PB41	22x18	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 1 4 4	①
PB42	20x18	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 6 5	①
PB43	20x16	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 2 2	①
PB44	8x18	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 3 2	①
PB45	10x20	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 1 14	①
PB46	15x18	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 12 2	①
PB47	15x18	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 12 2	①
PB48	12x18	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 4 1 2	①
PB49	16x18	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 5 2	①
PB50	10x18	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 2 2	①
PB51	20x18	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 2 2	①
PB52	17x18	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 3 4	①
PB53	17x18	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 1 8 3	①
PB54	20x18	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 1 1	①
PB55	12x55	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 1 6	①
PB56	20x20	2-7	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 1 6 1	①
PB57	20x20	2-7	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 14	①
PB58	14x20	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 1 9 3	①
PB59	20x20	2-7	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 1 14	①
PB60	20x20	2-7	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 1 3	①
PB61	10x18	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 3 2	①

MARK	SIZE	NO. 4 SIZE	NO. 6 SIZE	NO. 8 SIZE	NO. 10 SIZE	NO. 12 SIZE	NO. 14 SIZE	NO. 16 SIZE	NO. 18 SIZE	SECTION	SPACING FROM EDGE OF SUPPORT (A, B, C, D)	TYPE
PB62	20x20	2-7	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 7 3	①
PB63	10x20	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 3 2	①
PB64	47x20	1-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 2 3	①
PB65	20x18	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 3 2	①
PB66	10x20	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 3 2	①
PB67	20x20	2-7	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 1 14	①
PB68	20x20	2-7	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 1 14	①
PB69	20x20	2-7	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 1 3	①
PB70	20x22	2-7	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 12 1	①
PB71	10x20	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 1 2	①
PB72	16x18	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 1 6 2	①
PB73	16x18	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 3 1	①
PB74	12x22	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 1 8 3	①
PB75	12x26	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 1 12 3	①
PB76	12x26	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 1 12 3	①
PB77	20x18	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 1 1	①
PB78	20x18	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 1 1	①
PB79	20x18	2-6	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 1 1	①
PB80	20x22	2-7	✓	✓	✓	✓	✓	✓	✓	④ SUPPORT	1 1 2 1	①

BEAM SCHEDULE NOTES

T.B.L. INDICATES TOP REINFORCING STEEL BOTTOM LAYER (2-1/2" STIRRUP COVER)

B.T.L. INDICATES BOTTOM REINFORCING STEEL TOP LAYER (2-1/2" STIRRUP COVER)

① PLACE 2 BARS OUTSIDE OF STIRRUPS (ONE EACH SIDE OF BEAM)

② TOP OF BEAM SLOPES WITH RAMP SLAB

③ TRUSS TOP AND BOTTOM OUTSIDE BAR AT EXTERIOR COLUMN

FAILURE TO ABIDE BY DESIGN DOCUMENTS OR TO OBTAIN GUIDANCE

THE DESIGN PROFESSIONAL WAIVES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR FOR PROBLEMS WHICH ARISE FROM OTHERS' FAILURE TO OBTAIN AND/OR FOLLOW THE DESIGN PROFESSIONAL'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.

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DATE 3/1/13 BY *[Signature]*

University of Kentucky
Lexington, Kentucky

FINAL DOCUMENTS

THE UNIVERSITY OF KENTUCKY

MEDICAL RESEARCH EXPANSION SPACE

Lexington, Kentucky

CANNON

ARCHITECTURE ENGINEERING INTERIOR DESIGN

Boston Buffalo New York St. Louis Washington

165 North Meramec, Suite 600 St. Louis, Missouri 314-862-5660

CMW

CHRISMAN • MILLER • WOODFORD • INC.

ARCHITECTURE ENGINEERING PLANNING INTERIORS

326 South Broadway Lexington, Kentucky 606-254-6623

White Walker & McRaynolds
2097 Regency Circle
Lexington, Kentucky 40503

STATE OF KENTUCKY
THOMAS L. MATHYLO
1999
PROFESSIONAL SEAL

Thomas L. Mathylo

Project North

Revision Date
Issue Date DEC. 92
Drawing Title

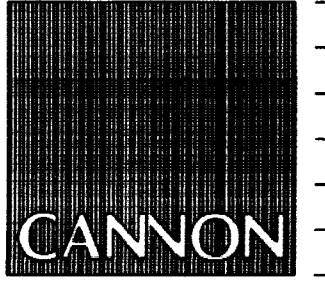
BEAM SCHEDULE

Drawn by: MLM J.F.

Checked by: T.M.C.R.

Project No. Scale
747.0

Drawing No.
3-16



ARCHITECTURE
 ENGINEERING
 INTERIOR DESIGN
 Boston
 Buffalo
 New York
 St. Louis
 Washington

165 North Meramec, Suite 600
 St. Louis, Missouri
 314-862-5660



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 • WOODFORD • INC.
 ARCHITECTURE ENGINEERING
 PLANNING INTERIORS
 326 South Broadway
 Lexington, Kentucky
 606-254-6625



Revision	Date
Issue Date	Dec. 92
Drawing Title	

PLAN - BASEMENT FLOOR
 Fin. Floor Elev. = 979'0"

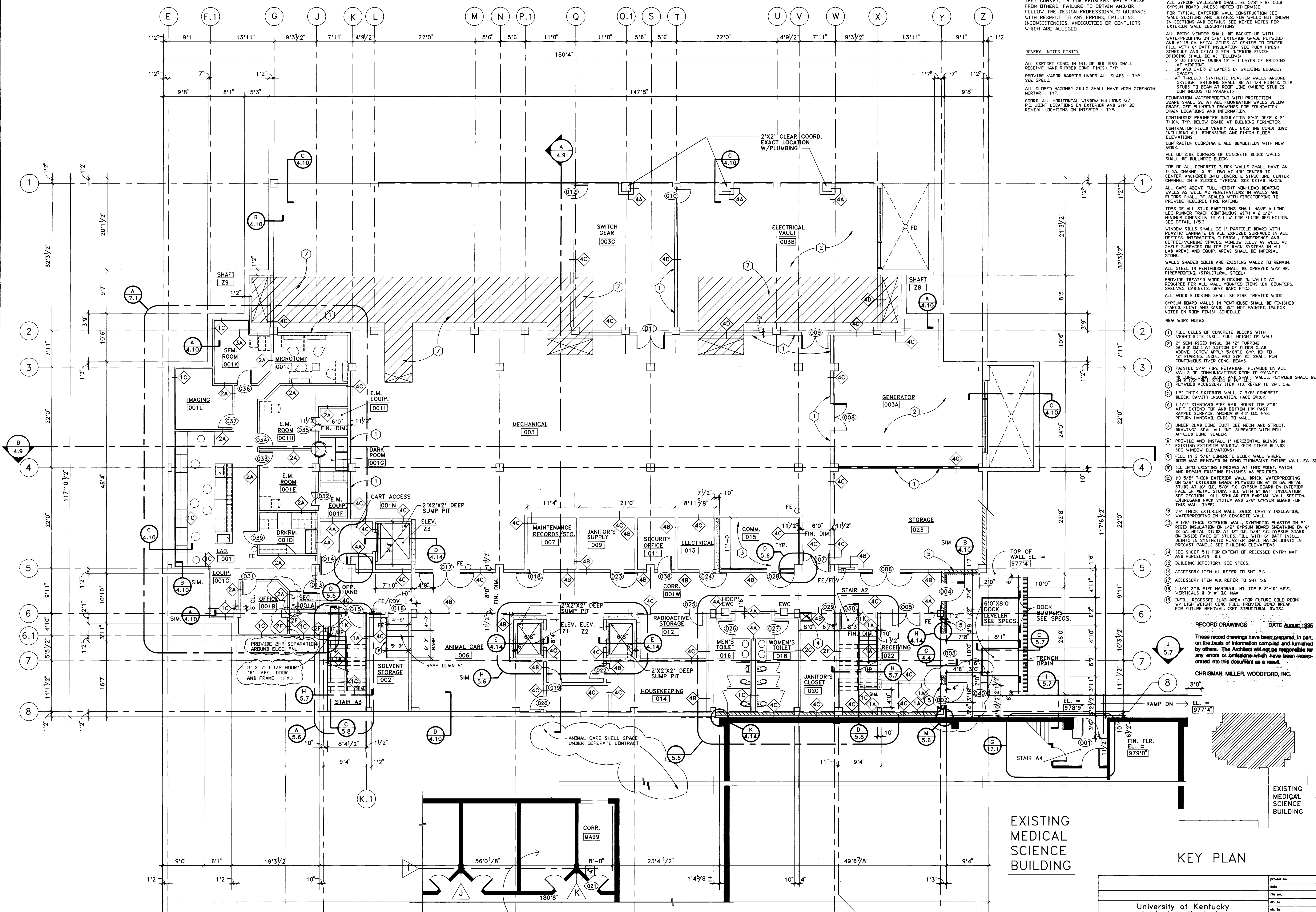
Drawn by: HA
 Checked by: KVLJM, JB
 Project No. Scale
 90240.01 1/8" = 1'-0"
 Drawing No.
 4.1

FAILURE TO ABIDE BY DESIGN DOCUMENTS OR TO OBTAIN GUIDANCE WHERE APPLICABLE.
 THE DESIGN PROFESSIONAL WAIVES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR FOR PROBLEMS WHICH ARISE FROM OTHERS' FAILURE TO OBTAIN AND/OR FOLLOW THE DESIGN PROFESSIONAL'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.

GENERAL NOTES CONT'D.
 ALL EXPOSED CONC. IN INT. OF BUILDING SHALL RECEIVE HAND RUBBED CONC. FINISH-TYP. SEE SPECS.
 PROVIDE VAPOR BARRIER UNDER ALL SLABS - TYP.
 ALL SLOPED MASONRY SILLS SHALL HAVE HIGH STRENGTH MORTAR - TYP.
 CORR. ALL HORIZONTAL WINDOW MULLIONS W/ P.C. JOINT LOCATIONS ON EXTERIOR AND OVP. BD. REVEAL LOCATIONS ON INTERIOR - TYP.

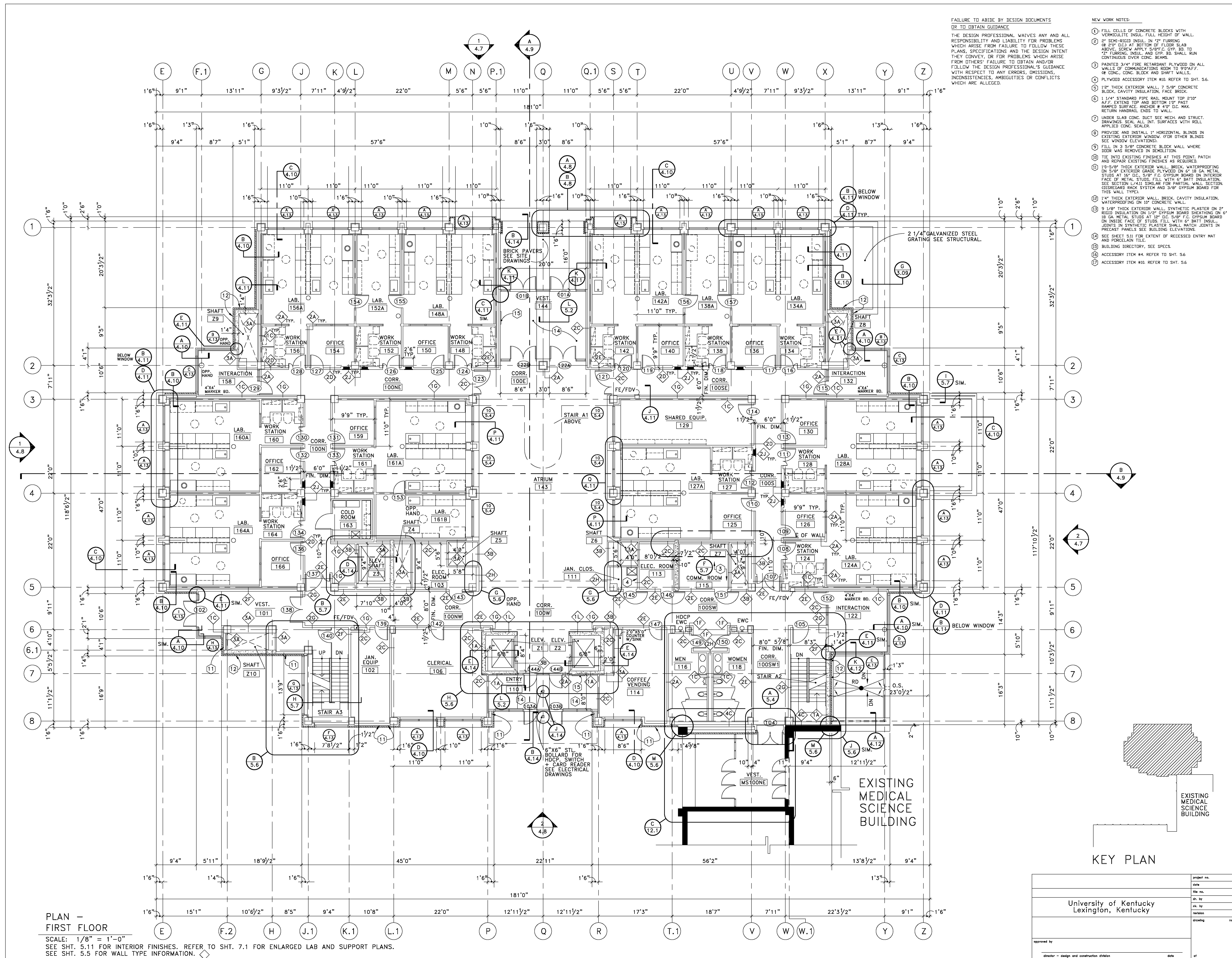
GENERAL NOTES:
 UNET NOTED ON PLANS. TYPICAL ALL CONDITIONS ALL WALLS SHALL EXTEND TO STRUCTURE ABOVE AND SEAL TIGHT.
 ALL DIMENSIONS SHOWN ARE FINISH FACE UNLESS NOTED OTHERWISE.
 ALL GYPSUM WALLBOARD SHALL BE 5/8" FIRE CODE GYPSUM BOARD UNLESS NOTED OTHERWISE.
 FOR TYPICAL EXTERIOR WALL CONSTRUCTION SEE WALL SECTIONS AND DETAILS. FOR WALLS NOT SHOWN IN SECTIONS AND DETAILS SEE REVISION NOTES FOR EXTERIOR WALL DESCRIPTIONS.
 ALL BRICK VENEER SHALL BE BACKED UP WITH WATERPROOFING ON 5/8" EXTERIOR GRADE, PLYWOOD AND 6" 18 GA. METAL STUDS AT CENTER TO CENTER FILL WITH 6" BATT INSULATION. SEE ROOM FINISH SCHEDULE AND DETAILS FOR INTERIOR FINISH BRIDGING SHALL BE AS FOLLOWS:
 STUD LENGTH UNDER 10' - 1 LAYER OF BRIDGING
 10' AND OVER 2 LAYERS OF BRIDGING EQUALLY SPACED
 AT THREE(3) SYNTHETIC PLASTER WALLS AROUND SKYLIGHT BRIDGING SHALL BE AT 1/4 POINTS. CLIP STUDS TO BEAM AT ROOF LINE (WHERE STUD IS CONTINUOUS TO PARAPET).
 FOUNDATION WATERPROOFING WITH PROTECTION BOARD SHALL BE AT ALL FOUNDATION WALLS BELOW GRADE. SEE PLUMBING DRAWINGS FOR FOUNDATION DRAIN LOCATIONS AND INFORMATION.
 CONTINUOUS PERIMETER INSULATION 2" DEEP X 2" THICK, TYP. BELOW GRADE AT BUILDING PERIMETER. CONTRACTOR FIELD VERIFY ALL EXISTING CONDITIONS INCLUDING ALL DIMENSIONS AND FINISH FLOOR ELEVATIONS. CONTRACTOR COORDINATE ALL DEMOLITION WITH NEW WORK.
 ALL OUTSIDE CORNERS OF CONCRETE BLOCK WALLS SHALL BE BULLNOSE BLOCK.
 TOP OF ALL CONCRETE BLOCK WALLS SHALL HAVE AN 11 GA. CHANNEL, X 1" LONG AT 4" CENTER TO CENTER, ANCHORED INTO CONCRETE STRUCTURE. CENTER CHANNEL ON E BLOCKS. TYPICAL SEE DETAIL W-5.5.
 ALL GAPS ABOVE FULL HEIGHT NON-LOAD BEARING WALLS AS WELL AS PENETRATIONS IN WALLS AND FLOORS SHALL BE SEALED WITH FIRESTOPPING TO PROVIDE REQUIRED FIRE RATING.
 TOPS OF ALL STUD PARTITIONS SHALL HAVE A LONG LED RUNNER TRACK CONTINUOUS WITH A 2 1/2" MINIMUM DIMENSION TO ALLOW FOR FLOOR DEFLECTION. SEE DETAIL 1-5.3.
 WINDOW SILLS SHALL BE 1" PARTICLE BOARD WITH PLASTIC LAMINATE ON ALL EXPOSED SURFACES IN ALL OFFICES, INTERACTION CLERICAL, CONFERENCE AND COFFEE/VENDING SPACES. WINDOW SILLS AS WELL AS SHELF SURFACES ON TOP OF RACK SYSTEMS IN ALL LAB AREAS AND EQUIP. AREAS SHALL BE IMPERIAL STONE.
 WALLS SHAVED SOLID ARE EXISTING WALLS TO REMAIN. ALL STEEL IN PENTHOUSE SHALL BE SPRAYED W/2 HR. FIREPROOFING (STRUCTURAL STEEL).
 PROVIDE TREATED WOOD BLOCKING IN WALLS AS REQUIRED FOR ALL WALL MOUNTED ITEMS EX. COUNTERS, SHELVES, CABINETS, GRAB BARS, ETC.
 ALL WOOD BLOCKING SHALL BE FIRE TREATED WOOD.
 GYPSUM BOARD WALLS IN PENTHOUSE SHALL BE FINISHED (TAPED, FLAT AND SAND), BUT NOT PAINTED, UNLESS NOTED ON ROOM FINISH SCHEDULE.
 NEW WORK NOTES:
 (1) FILL CELLS OF CONCRETE BLOCKS WITH VERMICULITE INSUL. FULL HEIGHT OF WALL.
 (2) 2" SEMI-RIGID INSUL. IN 2" FURRING OR 2" D.C. AT BOTTOM OF FLOOR SLAB ABOVE SCREEN APPL. 5/8" C. OVP. BD. TO 2" FURRING INSUL. AND OVP. BD. SHALL RUN CONTINUOUS OVER CONCRETE BEAMS.
 (3) PAINTED 3/4" FIRE RETARDANT PLYWOOD ON ALL WALLS OF COMMUNICATIONS ROOM TO 9'0" AFF. IN CORNERS, CON. BLOCK AND SHOT WALLS. PLYWOOD SHALL BE 1/4" ACCESSORY ITEM #10. REFER TO SHT. 5.6.
 (4) 1 1/2" THICK EXTERIOR WALL, 7 5/8" CONCRETE BLOCK, CAVITY INSULATION, FACE BRICK.
 (5) 1 1/4" STANDARD PIPE RAIL MOUNT TOP 2'10" AFF. EXTEND TOP AND BOTTOM 10" PAST RAMPED SURFACE. ANCHORS 8" 4" D.C. MAX. RETURN HANDRAIL ENDS TO WALL.
 (6) UNDER SLAB CONC. DUCT SEE MECH. AND STRUCT. DRAWINGS. SEAL ALL INT. SURFACES WITH ROLL APPLIED CONC. SEALER.
 (7) PROVIDE AND INSTALL 1" HORIZONTAL BLINDS IN EXISTING EXTERIOR WINDOW ETC. (FOR OTHER BLINDS SEE WINDOW ELEVATIONS).
 (8) FILL IN 3 5/8" CONCRETE BLOCK WALL WHERE DOOR WAS REMOVED IN DEMOLITION. ENTIRE WALL, EA. SEE DETAIL W-5.5.
 (9) TIE INTO EXISTING FINISHES AS REQUIRED.
 (10) 10-5/8" THICK EXTERIOR WALL, BRICK, WATERPROOFING ON 5/8" EXTERIOR GRADE, PLYWOOD ON 6" 18 GA. METAL STUDS AT 12" O.C. 5/8" F.C. GYPSUM BOARD ON INTERIOR FACE OF METAL STUDS. FILL WITH 6" BATT INSULATION. SEE SECTION L-4.11 SIMILAR FOR PARTIAL WALL SECTION. OBSERVE RACK SYSTEM AND 5/8" GYPSUM BOARD FOR THIS WALL TYPE.
 (11) 1/4" THICK EXTERIOR WALL, BRICK, CAVITY INSULATION, WATERPROOFING ON 10" CONCRETE WALL.
 (12) 9 3/8" THICK EXTERIOR WALL, SYNTHETIC PLASTER ON 2" RIGID INSULATION ON 1/2" GYPSUM BOARD SHEATHING ON 6" 18 GA. METAL STUDS AT 12" O.C. 5/8" F.C. GYPSUM BOARD ON INTERIOR FACE OF STUDS. FILL WITH 6" BATT INSUL. JOINTS IN SYNTHETIC PLASTER SHALL MATCH JOINTS IN PRECAST PANELS. SEE BUILDING ELEVATIONS.
 (13) SEE SHEET S.11 FOR EXTENT OF RECESSED ENTRY MAT AND PORCELAIN TILE.
 (14) BUILDING DIRECTORY, SEE SPECS.
 (15) ACCESSORY ITEM #4. REFER TO SHT. 5.6.
 (16) ACCESSORY ITEM #10. REFER TO SHT. 5.6.
 (17) 1 1/4" STD. PIPE HANDRAIL, HT. TOP @ 2'-10" AFF. VERTICALS @ 3'-0" D.C. MAX.
 (18) INFILL RECESSED SLAB AREA (FOR FUTURE COLD ROOM) W/ LIGHTWEIGHT CONC. FILL. PROVIDE BOND BREAK FOR FUTURE REMOVAL. (SEE STRUCTURAL DWG.)

- RECORD DRAWINGS DATE August 1995
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PLAN - BASEMENT FLOOR
 SCALE: 1/8" = 1'-0"
 REFER TO SHT. 7.1 FOR ENLARGED LAB AND SUPPORT PLANS. SEE SHT. 5.11 FOR INTERIOR FINISHES.
 SEE SHT. 5.5 FOR WALL TYPE INFORMATION.

approved by	date
University of Kentucky Lexington, Kentucky	



PLAN - FIRST FLOOR
 SCALE: 1/8" = 1'-0"
 SEE SHT. 5.11 FOR INTERIOR FINISHES. REFER TO SHT. 7.1 FOR ENLARGED LAB AND SUPPORT PLANS.
 SEE SHT. 5.5 FOR WALL TYPE INFORMATION.

FAILURE TO ABIDE BY DESIGN DOCUMENTS OR TO OBTAIN GUIDANCE
 THE DESIGN PROFESSIONAL WAIVES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR FOR PROBLEMS WHICH ARISE FROM OTHERS' FAILURE TO OBTAIN AND/OR FOLLOW THE DESIGN PROFESSIONAL'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.

- NEW WORK NOTES**
- FILL CELLS OF CONCRETE BLOCKS WITH VERMICULITE INSUL. FULL HEIGHT OF WALL.
 - 2" SEMI-RIGID INSUL. IN 2" FURRING (6" @ 24" O.C.) AT BOTTOM OF FLOOR SLAB ABOVE. SCREW APPLY 5/8"x6" CYP. BD. TO 2" FURRING. INSUL. AND CYP. BD. SHALL RUN CONTINUOUS OVER CONC. BEAMS.
 - PAINTED 3/4" FIRE RETARDANT PLYWOOD ON ALL WALLS OF COMMUNICATIONS ROOM TO 9'0" AFF. OF CONC. BLOCK AND SHAFT WALLS.
 - PLYWOOD ACCESSORY ITEM #10. REFER TO SHT. 5.6.
 - 1 1/2" THICK EXTERIOR WALL. 7/8" CONCRETE BLOCK. CAVITY INSULATION. FACE BRICK.
 - 1 1/4" STANDARD PIPE RAIL MOUNT TOP 210" AFF. EXTEND TOP AND BOTTOM 18" PAST RAMPED SURFACE. ANCHOR # 4" D.C. MAX. RETURN HANDRAIL ENDS TO WALL.
 - UNDER SLAB CONC. DUCT SEE MECH. AND STRUCT. DRAWINGS. SEAL ALL INT. SURFACES WITH ROLL APPLIED CONC. SEALER.
 - PROVIDE AND INSTALL 1" HORIZONTAL BLINDS IN EXISTING EXTERIOR WINDOW. (FOR OTHER BLINDS SEE WINDOW ELEVATIONS).
 - FILL IN 2" CONCRETE BLOCK WALL WHERE DOOR WAS REMOVED IN DEMOLITION.
 - TIE INTO EXISTING FINISHES AT THIS POINT. PATCH AND REPAIR EXISTING FINISHES AS REQUIRED.
 - 1 1/2" THICK EXTERIOR WALL. BRICK. WATERPROOFING ON 5/8" EXTERIOR GRADE PLYWOOD ON 4" GA METAL STUDS AT 24" O.C. 5/8" F.C. GYPSUM BOARD ON INTERIOR FACE OF METAL STUDS. FILL WITH 6" BATT INSULATION. SEE SECTION L-4.11 SIMILAR FOR PARTIAL WALL SECTION. DISCARD RACK SYSTEM AND 3/8" GYPSUM BOARD FOR THIS WALL TYPE.
 - 1 1/4" THICK EXTERIOR WALL. BRICK. CAVITY INSULATION. WATERPROOFING ON 10" CONCRETE WALL.
 - 9/16" THICK EXTERIOR WALL. SYNTHETIC PLASTER ON 2" RIGID INSULATION ON 1/2" GYPSUM BOARD SHEATHING ON 2" GA METAL STUDS AT 24" O.C. 5/8" F.C. GYPSUM BOARD ON INSIDE FACE OF STUDS. FILL WITH 6" BATT INSULATION. JOINTS IN SYNTHETIC PLASTER SHALL MATCH JOINTS IN PRECAST PANELS. SEE BUILDING ELEVATIONS.
 - SEE SHEET 5.11 FOR EXTENT OF RECESSED ENTRY MAT AND PORCELAIN TILE.
 - BUILDING DIRECTORY. SEE SPECS.
 - ACCESSORY ITEM #14. REFER TO SHT. 5.6
 - ACCESSORY ITEM #18. REFER TO SHT. 5.6

KEY PLAN

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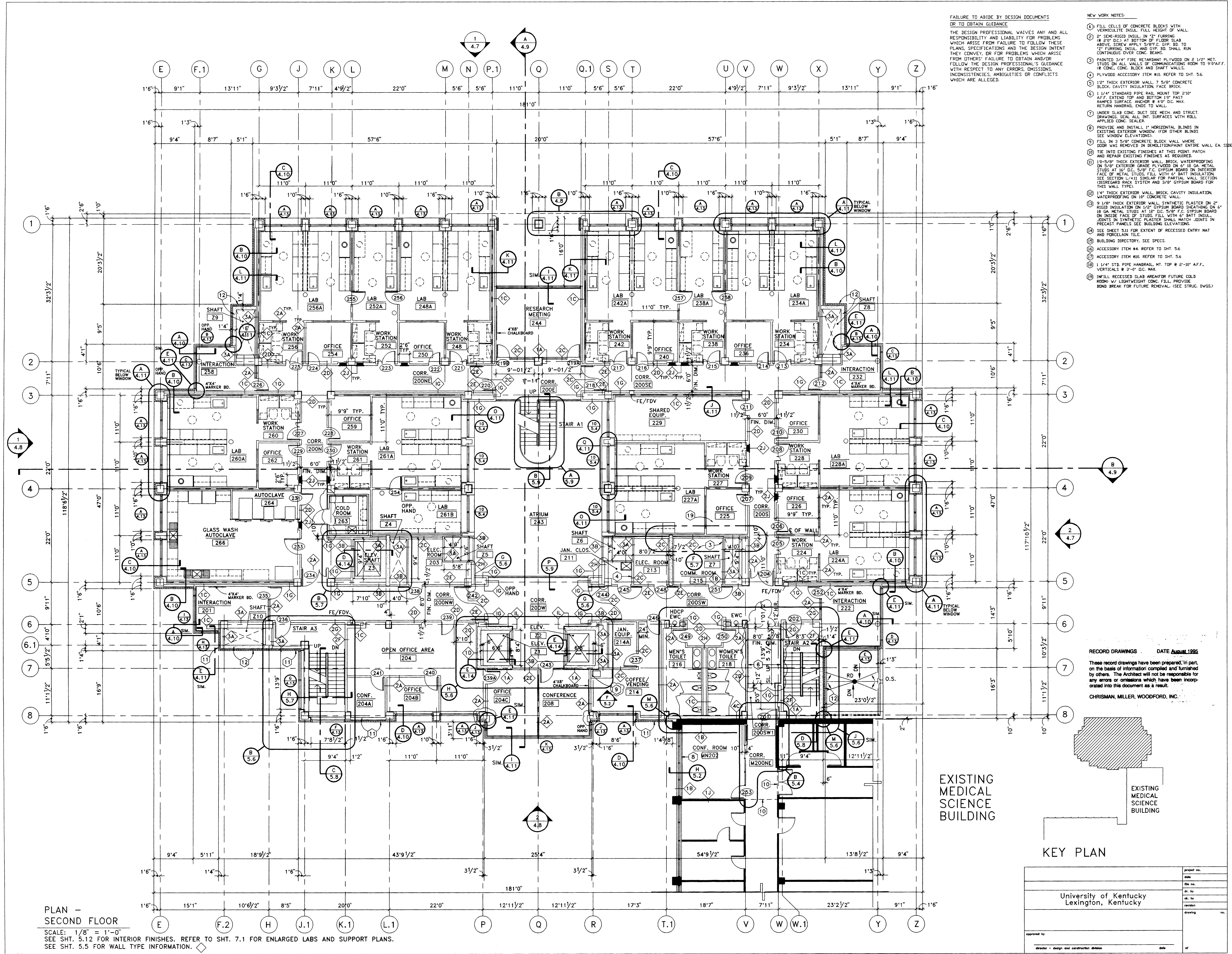
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TRUE NORTH
 Project North

Revision	Date
Issue	Dec. 92
Drawing Title	
PLAN - FIRST FLOOR	
FIN. FLOOR ELEV. 994'0"	

Drawn by:	HA
Checked by:	KVLM, JB
Project No.	Scale
90240.01	1/8" = 1'-0"
Drawing No.	
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approved by _____
 director - design and construction division



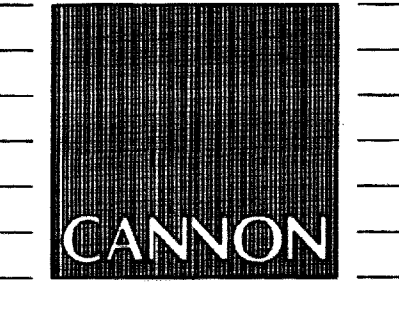
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- NEW WORK NOTES:
- FILL CELLS OF CONCRETE BLOCKS WITH VERMICULITE INSUL. FULL HEIGHT OF WALL.
 - 2" SEMI-RIGID INSUL. IN 2" FURRING @ 2'-0" O.C. AT BOTTOM OF FLOOR SLAB ABOVE CORER. INPLY 5/8" F.C. GYP. BO. TO 2" FURRING INSUL. AND GYP. BO. SHALL RUN CONTINUOUS OVER CONC. BEAMS.
 - PAINTED 3/4" FIRE RETARDANT PLYWOOD ON 2 1/2" MET. STUDS ON ALL WALLS OF COMMUNICATIONS ROOM TO 9'-0" AFF. @ CONC. BLOCK AND SHAFT WALLS.
 - PLYWOOD ACCESSORY ITEM #10 REFER TO SHT. 5.6
 - 1/2" THICK EXTERIOR WALL 7 5/8" CONCRETE BLOCK, CAVITY INSULATION, FACE BRICK.
 - 1 1/4" STANDARD PIPE RAIL MOUNT TOP 2'10" AFF. EXTEND TOP AND BOTTOM 1'10" PAST RAMPED SURFACE ANCHOR @ 4'-0" O.C. MAX. RETURN HANDRAIL ENDS TO WALL.
 - UNDER SLAB CONC. DUCT SEE MECH. AND STRUCT. DRAWINGS. SEAL ALL INT. SURFACES WITH ROLL APPLIED CONC. SEALER.
 - PROVIDE AND INSTALL 1" HORIZONTAL BLINDS IN EXISTING EXTERIOR WINDOW. IF OTHER BLINDS SEE WINDOW ELEVATIONS.
 - FILL IN 3 5/8" CONCRETE BLOCK WALL WHERE DOOR WAS REMOVED IN DEMOLITION. PAINT ENTIRE WALL EA. SIDE.
 - TIE INTO EXISTING FINISHES AT THIS POINT. PATCH AND REPAIR EXISTING FINISHES AS REQUIRED.
 - 1 1/2" THICK EXTERIOR WALL, BRICK, WATERPROOFING ON 5/8" EXTERIOR GRADE PLYWOOD ON 2" 18 GA. METAL STUDS AT 16" O.C. 5/8" F.C. GYPSUM BOARD ON INSIDE FACE OF STUDS. FILL WITH 6" BATT INSUL. JOINTS IN SYNTHETIC PLASTER SHALL MATCH JOINTS IN PRECAST PANELS. SEE BUILDING ELEVATIONS.
 - 1 1/4" THICK EXTERIOR WALL, BRICK, CAVITY INSULATION, WATERPROOFING ON 10" CONCRETE WALL.
 - 3 1/8" THICK EXTERIOR WALL, SYNTHETIC PLASTER ON 2" RIGID INSULATION ON 1/2" GYPSUM BOARD SHEATHING ON 1/2" 18 GA. METAL STUDS AT 16" O.C. 5/8" F.C. GYPSUM BOARD ON INSIDE FACE OF STUDS. FILL WITH 6" BATT INSUL. JOINTS IN SYNTHETIC PLASTER SHALL MATCH JOINTS IN PRECAST PANELS. SEE BUILDING ELEVATIONS.
 - SEE SHEET 5.11 FOR EXTENT OF RECESSED ENTRY MAT AND RECESSED TIE.
 - BUILDING DIRECTORY, SEE SPECS.
 - ACCESSORY ITEM #4. REFER TO SHT. 5.6
 - ACCESSORY ITEM #10. REFER TO SHT. 5.6
 - 1 1/4" STD. PIPE HANDRAIL, MT. TOP @ 2'-10" AFF. VERTICALS @ 3'-0" O.C. MAX.
 - INFILL RECESSED SLAB AREA FOR FUTURE COLD ROOM W/ LIGHTWEIGHT CONC. FILL, PROVIDE BOND BREAK FOR FUTURE REMOVAL. (SEE STRUCT. DIVISION)

RECORD DRAWINGS DATE August 1995
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director - design and construction division	

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 Project No. 747.0
 Lexington, Kentucky



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Revision	Date
Issue Date	Dec. 92
Drawing Title	
PLAN - SECOND FLOOR	
Fin. Floor Elev.	1007'7"

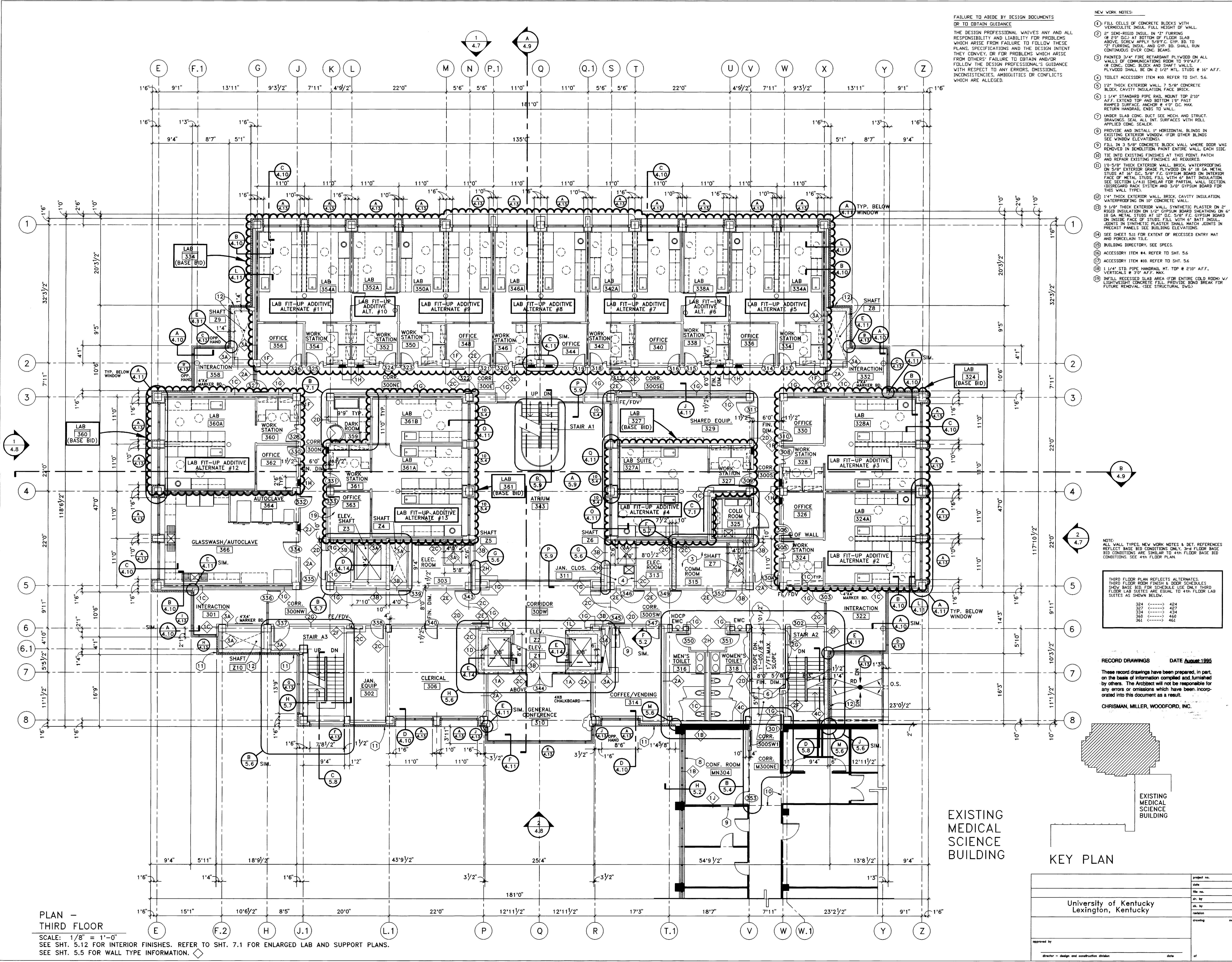
Drawn by: HA
 Checked by: KVLMB, JB
 Project No. Scale
 90240.01 1/8" = 1'-0"
 Drawing No.
 4.3

PLAN - SECOND FLOOR
 SCALE: 1/8" = 1'-0"
 SEE SHT. 5.12 FOR INTERIOR FINISHES. REFER TO SHT. 7.1 FOR ENLARGED LABS AND SUPPORT PLANS.
 SEE SHT. 5.5 FOR WALL TYPE INFORMATION.

EXISTING MEDICAL SCIENCE BUILDING

KEY PLAN

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PLAN - THIRD FLOOR
 SCALE: 1/8" = 1'-0"
 SEE SHT. 5.12 FOR INTERIOR FINISHES. REFER TO SHT. 7.1 FOR ENLARGED LAB AND SUPPORT PLANS.
 SEE SHT. 5.5 FOR WALL TYPE INFORMATION.

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- NEW WORK NOTES:
- FILL CELLS OF CONCRETE BLOCKS WITH VERMICULITE INSUL. FULL HEIGHT OF WALL.
 - 2" SEMI-RIGID INSUL. IN 2" FURRING OR 2" OC. AT BOTTOM OF FLOOR SLAB ABOVE. SCREW APPLY 5/8" X 10" TO 2" FURRING INSUL. AND GYP. BD. SHALL RUN CONTINUOUS OVER CONC. BEAMS.
 - PAINTED 3/4" FIRE RETARDANT PLYWOOD ON ALL WALLS OF COMMUNICATIONS ROOM TO 9" AFF. OF CONC. CONC. BLOCK AND SHAFT WALLS. PLYWOOD SHALL BE ON 2 1/2" MTL. STUDS @ 16" AFF.
 - TOILET ACCESSORY ITEM #10. REFER TO SHT. 5.6.
 - 1 1/2" THICK EXTERIOR WALL. 7 5/8" CONCRETE BLOCK. CAVITY INSULATION FACE BRICK.
 - 1 1/4" STANDARD PIPE RAIL MOUNT TOP 2'0" AFF. EXTEND TOP AND BOTTOM 1'0" PAST RAMPED SURFACE. ANCHOR # 4" X 16" DC. MAX. RETURN HANDRAIL ENDS TO WALL.
 - UNDER SLAB CONC. DUCT SEE MECH. AND STRUCT. DRAWINGS. SEAL ALL INT. SURFACES WITH ROLL APPLIED CONC. SEALER.
 - PROVIDE AND INSTALL 1" HORIZONTAL BLINDS IN EXISTING EXTERIOR WINDOW. FOR OTHER BLINDS SEE WINDOW ELEVATIONS.
 - FILL IN 3 5/8" CONCRETE BLOCK WALL WHERE DOOR WAS REMOVED IN DEMOLITION. PAINT ENTIRE WALL. EACH SIDE.
 - TIE INTO EXISTING FINISHES AT THIS POINT. PATCH AND REPAIR EXISTING FINISHES AS REQUIRED.
 - 10-5/8" THICK EXTERIOR WALL. BRICK. WATERPROOFING ON 5/8" EXTERIOR GRADE PLYWOOD ON 6" 18 GA. METAL STUDS AT 16" OC. 5/8" F.C. GYPSUM BOARD ON INTERIOR FACE OF METAL STUDS FILL WITH 6" BATT INSULATION. SEE SECTION L-411 SIMILAR FOR PARTIAL WALL SECTION. DISREGARD RACK SYSTEM AND 3/8" GYPSUM BOARD FOR THIS WALL TYPE.
 - 1 1/4" THICK EXTERIOR WALL. BRICK. CAVITY INSULATION. WATERPROOFING ON 10" CONCRETE WALL.
 - 9 1/8" THICK EXTERIOR WALL. SYNTHETIC PLASTER ON 2" RIGID INSULATION ON 1/2" GYPSUM BOARD SHEATHING ON 6" 18 GA. METAL STUDS AT 16" OC. 5/8" F.C. GYPSUM BOARD ON INSIDE OF STUDS. FILL WITH 6" BATT INSUL. JOINTS IN SYNTHETIC PLASTER SHALL MATCH JOINTS IN PRECAST PANELS. SEE BUILDING ELEVATIONS.
 - SEE SHEET S-11 FOR EXTENT OF RECESSED ENTRY MAT AND PORCELAIN TILE.
 - BUILDING DIRECTORY. SEE SPECS.
 - ACCESSORY ITEM #4. REFER TO SHT. 5.6.
 - ACCESSORY ITEM #10. REFER TO SHT. 5.6.
 - 1 1/4" STD. PIPE HANDRAIL. MT. TOP @ 2'0" AFF. VERTICALS @ 2'0" AFF. MAX.
 - INSTALL RECESSED SLAB AREA FOR EXTERIOR COLD ROOM. LIGHTWEIGHT CONCRETE FINISH. DOOR SCHEDULE'S BREAK FOR FUTURE REMOVAL. (SEE STRUCTURAL DWG.)

NOTE: ALL WALL TYPES, NEW WORK NOTES & DET. REFERENCES REFLECT BASE BID CONDITIONS ONLY. 3RD FLOOR BASE BID CONDITIONS ARE SIMILAR TO 4TH FLOOR BASE BID CONDITIONS. SEE 4TH FLOOR PLAN.

THIRD FLOOR PLAN REFLECTS ALTERNATES. THIRD FLOOR ROOM FINISH & DOOR SCHEDULE'S SHOW BASE BID. FOR SCHEDULE USE ONLY THIRD FLOOR LAB SUITES ARE EQUAL TO 4TH FLOOR LAB SUITES AS SHOWN BELOW.

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EXISTING MEDICAL SCIENCE BUILDING

KEY PLAN

Project no.	
Date	
File no.	
Dr. by	
Chk. by	
Revision	
Drawing	

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 director - design and construction division

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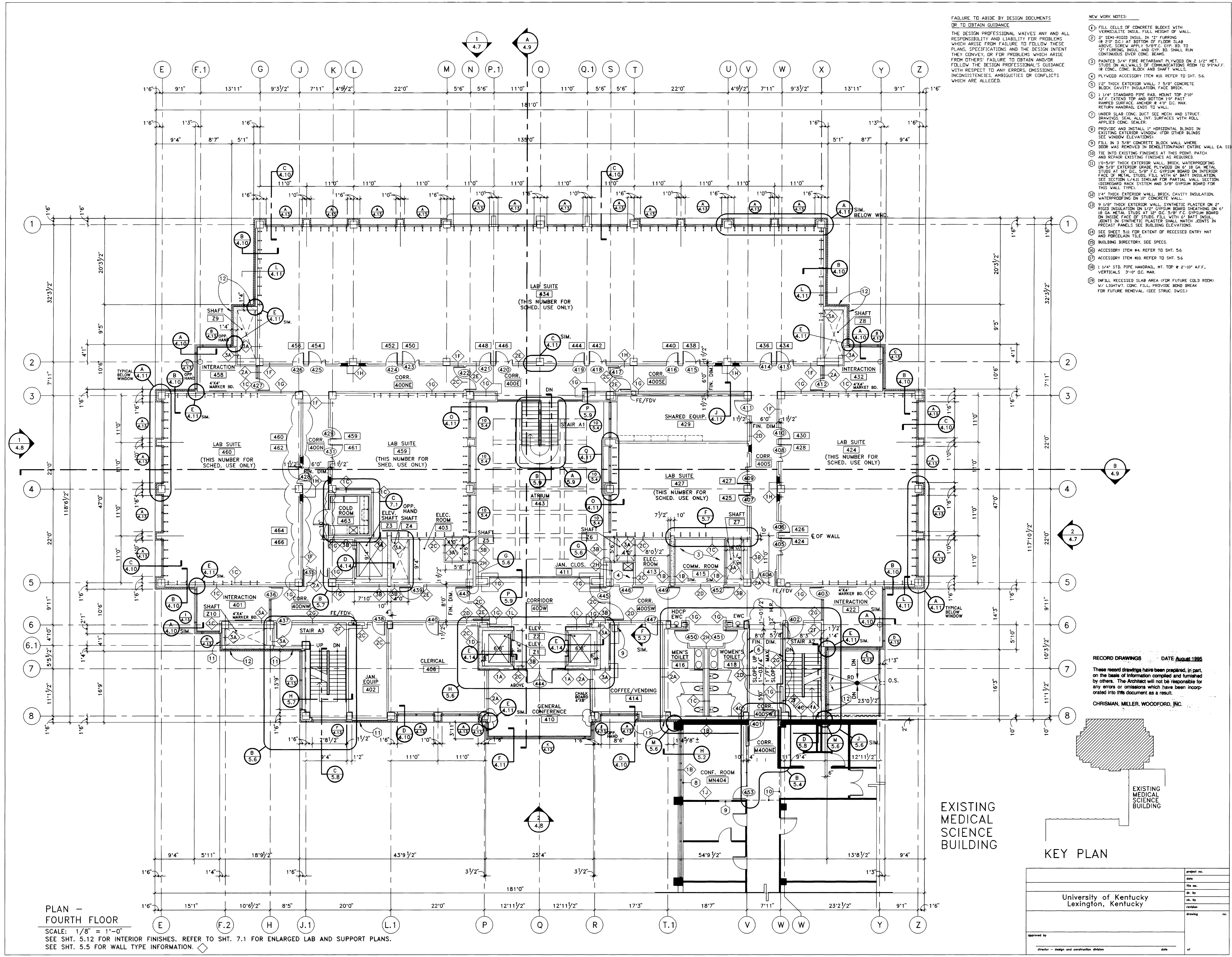
Project North

Revision	Date
Issue Date	Dec. 92
Drawing Title	
PLAN - THIRD FLOOR FIN. FLR. ELEV. 1021'0"	

Drawn by: HA
 Checked by: KVLM, JB

Project No. 747.0 Scale 1/8" = 1'-0"
 Drawing No. 90240.01

4.4

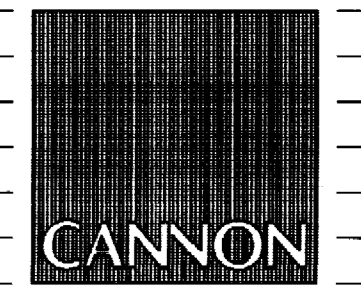


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- NEW WORK NOTES:
- FILL CELLS OF CONCRETE BLOCKS WITH VERMICULITE INSUL. FULL HEIGHT OF WALL.
 - 2" SEMI-RIGID INSUL. IN "F" FURROWS (8" 2" OC) AT BOTTOM OF FLOOR SLAB ABOVE. SCREW APPLY 5/8" C. GYP. BD. TO "F" FLOORING, INSUL. AND GYP. BD. SHALL RUN CONTINUOUS OVER CONC. BEAMS.
 - PAINTED 3/4" FIRE RETARDANT PLYWOOD ON 2 1/2" MET. STUDS ON ALL WALLS OF COMMUNICATIONS ROOM TO 9' AFF. (8" CONC. BLOCK AND SHAFT WALLS).
 - PLYWOOD ACCESSORY ITEM #10. REFER TO SHT. 56.
 - 1/2" THICK EXTERIOR WALL, 7 5/8" CONCRETE BLOCK, CAVITY INSULATION, FACE BRICK.
 - 1 1/4" STANDARD PIPE RAIL MOUNT TOP 2 1/2" AFF. EXTEND TOP AND BOTTOM 10" PAST RAMPED SURFACE. ANCHOR # 4"x9" U.S. MAX. RETURN HANDRAIL ENDS TO WALL.
 - UNDER SLAB CONC. DUCT. SEE MECH. AND STRUCT. DRAWINGS. SEAL ALL INT. SURFACES WITH ROLL APPLIED CONC. SEALER.
 - PROVIDE AND INSTALL 1" HORIZONTAL BLINDS IN EXISTING EXTERIOR WINDOW (FOR OTHER BLINDS SEE WINDOW ELEVATIONS).
 - FILL IN 3 5/8" CONCRETE BLOCK WALL WHERE DDDR WAS REMOVED IN DEMOLITION/PAINTE ENTIRE WALL EA. SIDE.
 - TIE INTO EXISTING FINISHES AT THIS POINT. PATCH AND REPAIR EXISTING FINISHES AS REQUIRED.
 - 1 1/2" THICK EXTERIOR WALL, BRICK, WATERPROOFING ON 5/8" EXTERIOR GRADE PLYWOOD ON 6" 18 GA. METAL STUDS AT 16" OC. 5/8" F.C. GYPSUM BOARD ON INTERIOR FACE OF METAL STUDS. FILL WITH 6" BATT INSULATION. SEE SECTION L/411 SIMILAR FOR PARTIAL WALL. SECTION DISREGARD RACK SYSTEM AND 3/8" GYPSUM BOARD FOR THIS WALL TYPES.
 - 1 1/4" THICK EXTERIOR WALL, BRICK, CAVITY INSULATION, WATERPROOFING ON 1/2" CONCRETE WALL.
 - 9 1/8" THICK EXTERIOR WALL, SYNTHETIC PLASTER ON 2" RIGID INSULATION ON 1/2" GYPSUM BOARD SHEATHING ON 18 GA. METAL STUDS AT 16" OC. 5/8" F.C. GYPSUM BOARD ON INSIDE FACE OF STUDS. FILL WITH 6" BATT INSUL. JOINTS IN SYNTHETIC PLASTER SHALL MATCH JOINTS IN PRECAST PANELS. SEE BUILDING ELEVATIONS.
 - SEE SHEET 511 FOR EXTENT OF RECESSED ENTRY MAT AND PORCELAIN TILE.
 - ACCESSORY ITEM #4. REFER TO SHT. 56.
 - ACCESSORY ITEM #10. REFER TO SHT. 56.
 - 1 1/4" STD. PIPE HANDRAIL, HT. TOP @ 2'-10" AFF. VERTICALS: 3'-0" OC. MAX.
 - (UNFILL RECESSED SLAB AREA (FOR FUTURE COLD ROOM) W/ LIGHTWT. CONC. FILL, PROVIDE BOND BREAK FOR FUTURE REMOVAL. (SEE STRUC. DWGS.)

RECORD DRAWINGS DATE August 1986
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Revision	Date
Issue	Dec. 92
Drawing Title	
PLAN - FOURTH FLOOR	
FIN. FLR. ELEV. 1034'9"	

Drawn by:	HA
Checked by:	KVLM, JB
Project No.	Scale
90240.01	1/8" = 1'-0"
Drawing No.	4.5

project no.	
date	
file no.	
dr. by	
sk. by	
revision	
drawing	
approved by	
director - design and construction division	date

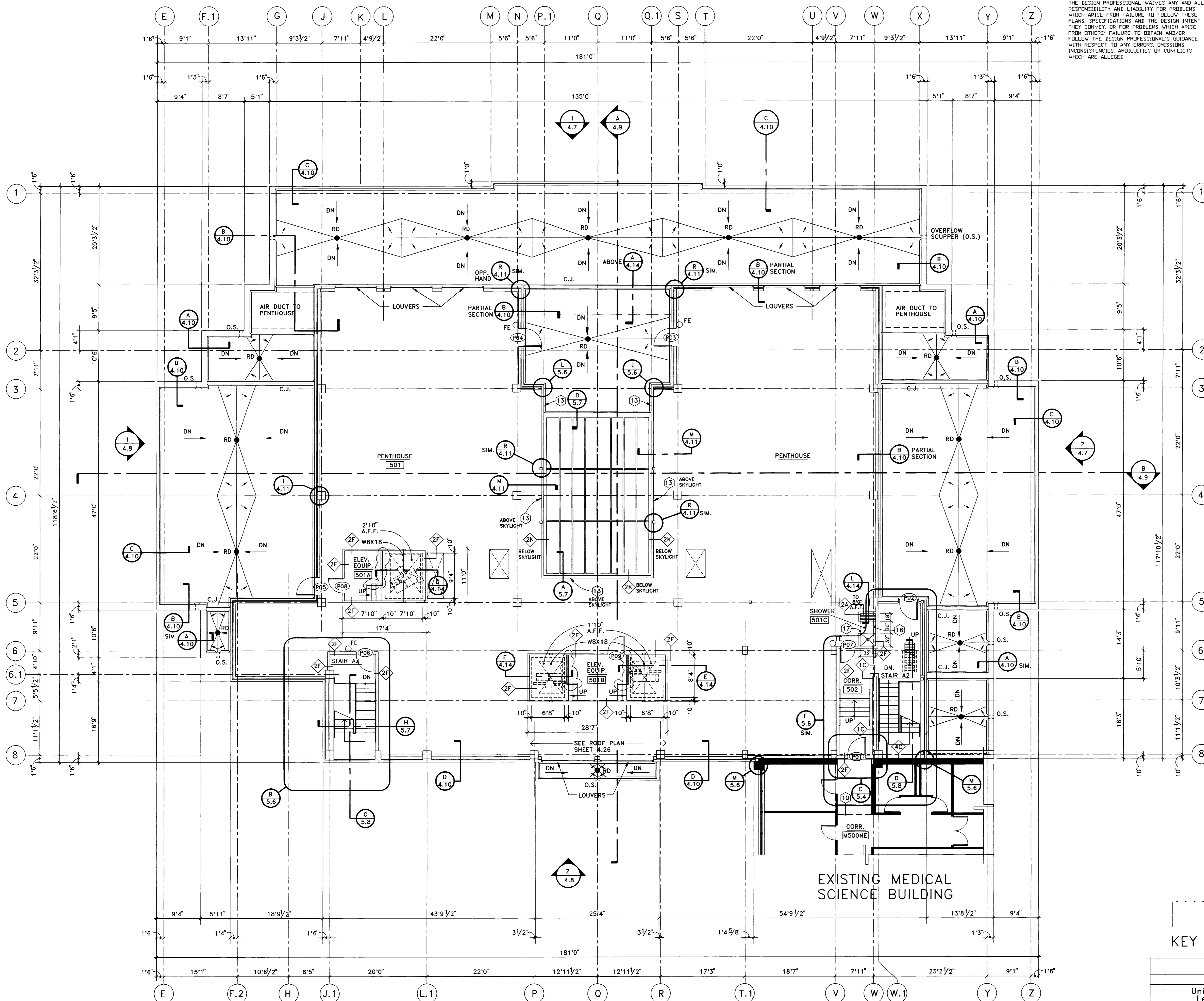
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EXISTING MEDICAL SCIENCE BUILDING

KEY PLAN

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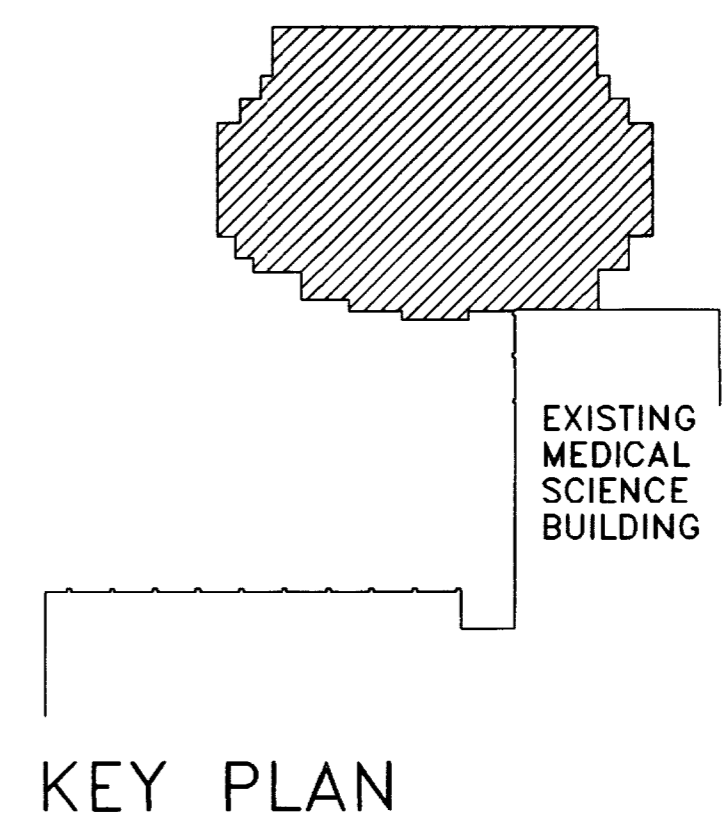
PLAN - FOURTH FLOOR
 SCALE: 1/8" = 1'-0"
 SEE SHT. 5.12 FOR INTERIOR FINISHES. REFER TO SHT. 7.1 FOR ENLARGED LAB AND SUPPORT PLANS.
 SEE SHT. 5.5 FOR WALL TYPE INFORMATION.



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- NEW WORK NOTES:**
- FILL CELLS OF CONCRETE BLOCKS WITH VERMICULITE INSUL. FULL HEIGHT OF WALL.
 - 2" SEMI-RIGID INSUL. IN 2" FURRING @ 20" O.C. AT BOTTOM OF FLOOR SLAB ABOVE. SCREEN APPLY 5/8" C. CIP. RD TO 2" FURRING INSUL. AND GYP. RD SHALL RUN CONTINUOUS OVER CONC. BEAMS.
 - PAINTED 3/4" FIRE RETARDANT PLYWOOD ON 1/2" MET. STUDS ON ALL WALLS OF COMMUNICATIONS ROOM TO 9' AFF. @ CONC. BLOCK AND SHEET WALLS.
 - PLYWOOD ACCESSORY ITEM #10. REFER TO SHT. 5.6.
 - 12" THICK EXTERIOR WALL. 7 5/8" CONCRETE BLOCK. CAVITY INSULATION. FACE BRICK.
 - 1 1/4" STANDARD PIPE HANDRAIL. MOUNT TOP 28" AFF. EXTEND TOP AND BOTTOM 10" PAST RAMPED SURFACE. ANCHOR @ 40" O.C. MAX. RETURN HANDRAIL ENDS TO WALL.
 - UNDER SLAB CONC. DUCT SEE MECH. AND STRUCT. DRAWINGS. SEAL ALL INT. SURFACES WITH ROLL APPLIED CONC. SEALER.
 - PROVIDE AND INSTALL 1" HORIZONTAL BLINDS IN EXISTING EXTERIOR WINDOW. (FOR OTHER BLINDS SEE WINDOW ELEVATIONS).
 - FILL IN 3 5/8" CONCRETE BLOCK WALL WHERE DOOR WAS REMOVED IN DEMOLITION/PARTIAL WALL EA. SITE.
 - TIE INTO EXISTING FINISHES AT THIS POINT. PATCH AND REPAIR EXISTING FINISHES AS REQUIRED.
 - 18-5/8" THICK EXTERIOR WALL. BRICK. WATERPROOFING ON 5/8" EXTERIOR GRADE PLYWOOD ON 6" 18 GA. METAL STUDS AT 12" O.C. 5/8" F.G. GYPSUM BOARD ON INTERIOR FACE OF METAL STUDS. FILL WITH 6" BATT INSUL. JOINTS IN SYNTHETIC PLASTER SHALL MATCH JOINTS IN PRECAST PANELS. SEE BUILDING ELEVATIONS.
 - 1 1/4" THICK EXTERIOR WALL. BRICK. CAVITY INSULATION. WATERPROOFING ON 1/2" CONCRETE WALL.
 - 9 1/8" THICK EXTERIOR WALL. SYNTHETIC PLASTER ON 2" RIGID INSULATION ON 1/2" GYPSUM BOARD SHEATHING ON 6" 18 GA. METAL STUDS AT 12" O.C. 5/8" F.G. GYPSUM BOARD ON INSIDE FACE OF STUDS. FILL WITH 6" BATT INSUL. JOINTS IN SYNTHETIC PLASTER SHALL MATCH JOINTS IN PRECAST PANELS. SEE BUILDING ELEVATIONS.
 - SEE SHEET S-11 FOR EXTENT OF RECESSED ENTRY MAT AND PORCELAIN TILE.
 - BUILDING DIRECTORY. SEE SPECS.
 - ACCESSORY ITEM #4. REFER TO SHT. 5.6.
 - ACCESSORY ITEM #10. REFER TO SHT. 5.6.
 - 1 1/4" STD. PIPE HANDRAIL. MT. TOP @ 2'-10" AFF. VERTICALS @ 3'-0" O.C. MAX.
 - INFILL RECESSED SLAB AREA (FOR FUTURE COLD ROOM) w/ LIGHTLY CONC. FILL. PROVIDE BOND BREAK FOR FUTURE REMOVAL. (SEE STRUC. DWGS.)

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University of Kentucky Lexington, Kentucky	project no.	90240.01
	date	1/8" = 1'-0"
	file no.	
	dr. by	
	ck. by	
	revision	
	drawing	no.
approved by	date	
director - design and construction division	date	

PLAN - PENTHOUSE FLOOR
 SCALE: 1/8" = 1'-0"
 SEE SHT. 5.12 FOR INTERIOR FINISHES.
 SEE SHT. 5.5 FOR WALL TYPE INFORMATION.

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Project North

Revision	Date
Issue Date	Dec. 92
Drawing Title	
PLAN PENTHOUSE FLOOR FIN. FLR. ELEV. 1048'4"	
Drawn by:	HA
Checked by:	KVLM, JB
Project No.	Scale
90240.01	1/8" = 1'-0"
Drawing No.	
4.6	



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Issue	Dec. 1992

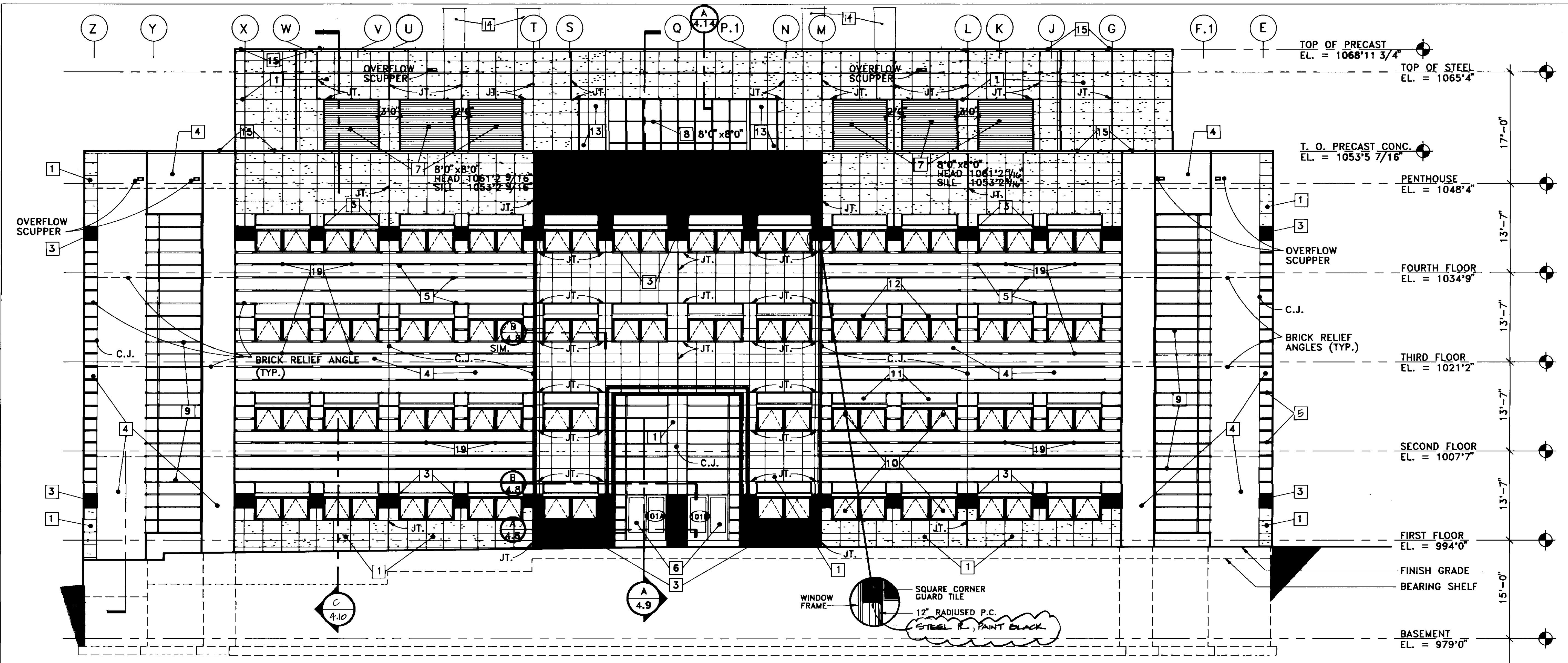
Drawing Title
EXTERIOR
BUILDING ELEVATIONS

Drawn by: HA

Checked by: KVLN, JB

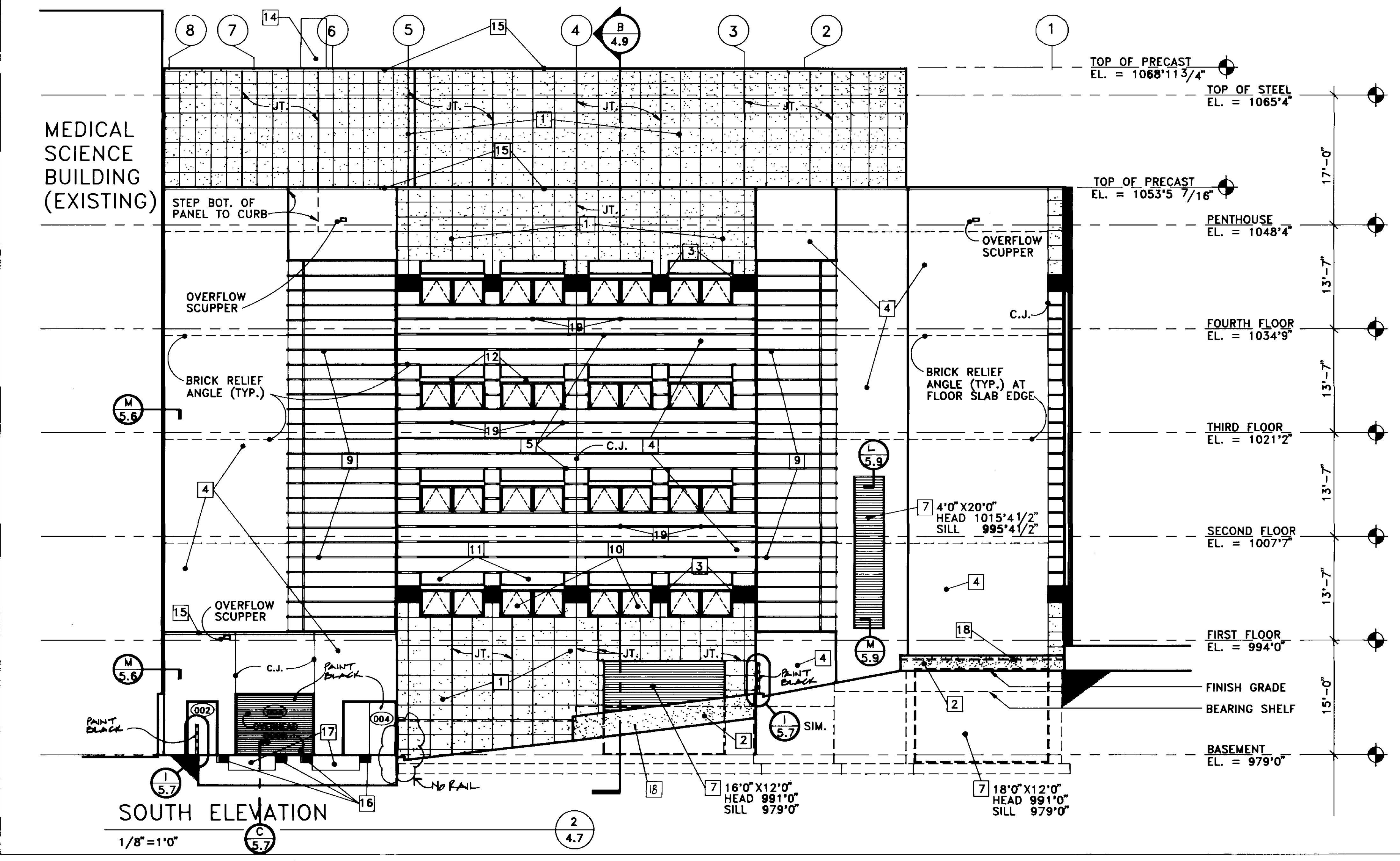
Project No. Scale
90240.01 1/8"=1'0"

Drawing No.
4.7



EAST ELEVATION

1/8"=1'0"



SOUTH ELEVATION

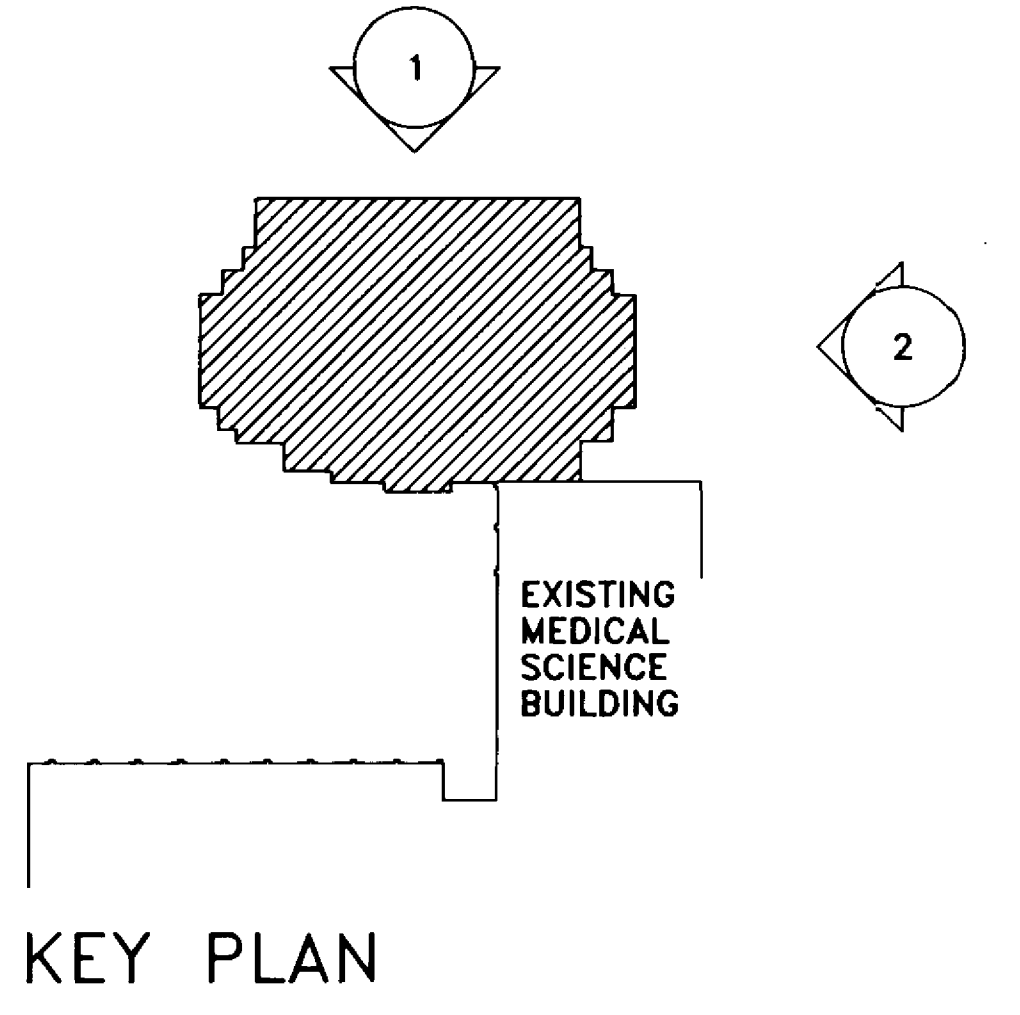
1/8"=1'0"

LEGEND

- 1 PRECAST CONCRETE PANELS
- 2 CONCRETE RETAINING WALL
- 3 8X8 GLAZED TILE MASONRY UNITS
- 4 FACE BRICK
- 5 ACCENT BRICK PATTERN
- 6 GLAZED ALUMINUM ENTRY SYSTEM
- 7 ALUMINUM LOUVERS
- 8 GLAZED ALUMINUM SKYLIGHT SYSTEM
- 9 GLAZED ALUMINUM FRAMING SYSTEM
- 10 GLAZED ALUMINUM AWNING WINDOWS (TYPICAL) SEE DETAILS SHT. 4.13
- 11 FIXED ALUMINUM WINDOWS (TYPICAL)
- 12 PRECAST CONCRETE SUN SHADE (TYPICAL)
- 13 SYNTHETIC PLASTER
- 14 STAINLESS STEEL EXHAUST STACKS TOP OF STACKS = 1075'4"
- 15 ALUMINUM COPING
- 16 DOCK BUMPERS
- 17 GALV. STEEL GRATING
- 18 RUBBED CONCRETE FINISH
- 19 25"W X 2 1/4" X 4" DP. BRICK VENT (TYP. IN TOP ACCENT BRICK COURSE CENTERED BELOW WINDOW @ BRICK WALLS). SEE ENLARGED ELEVATION F/4.14

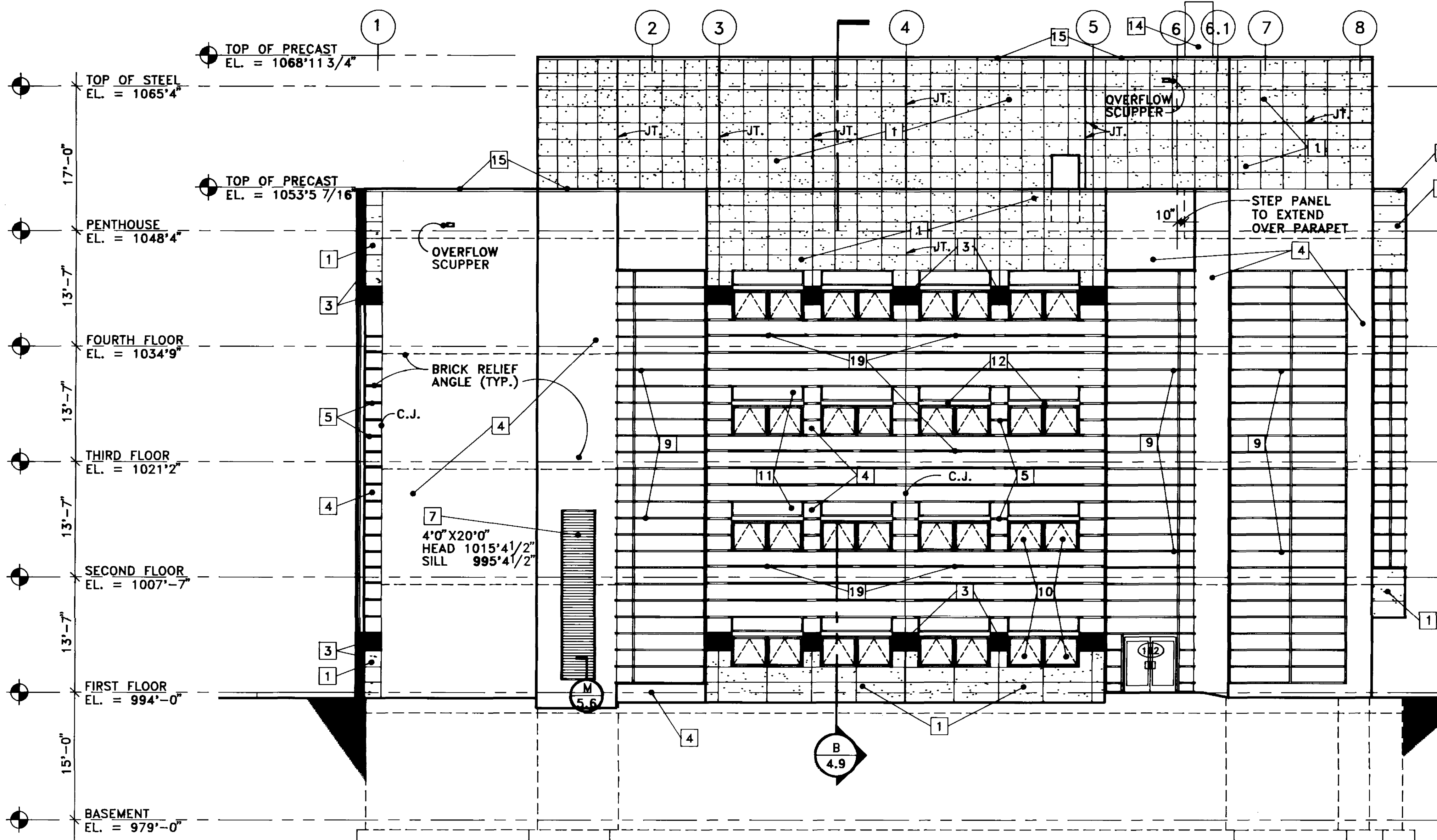
FAILURE TO ABIDE BY DESIGN DOCUMENTS OR TO OBTAIN GUIDANCE THE DESIGN PROFESSIONAL WAIVES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR FOR PROBLEMS WHICH ARISE FROM OTHERS' FAILURE TO OBTAIN AND/OR FOLLOW THE DESIGN PROFESSIONAL'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.

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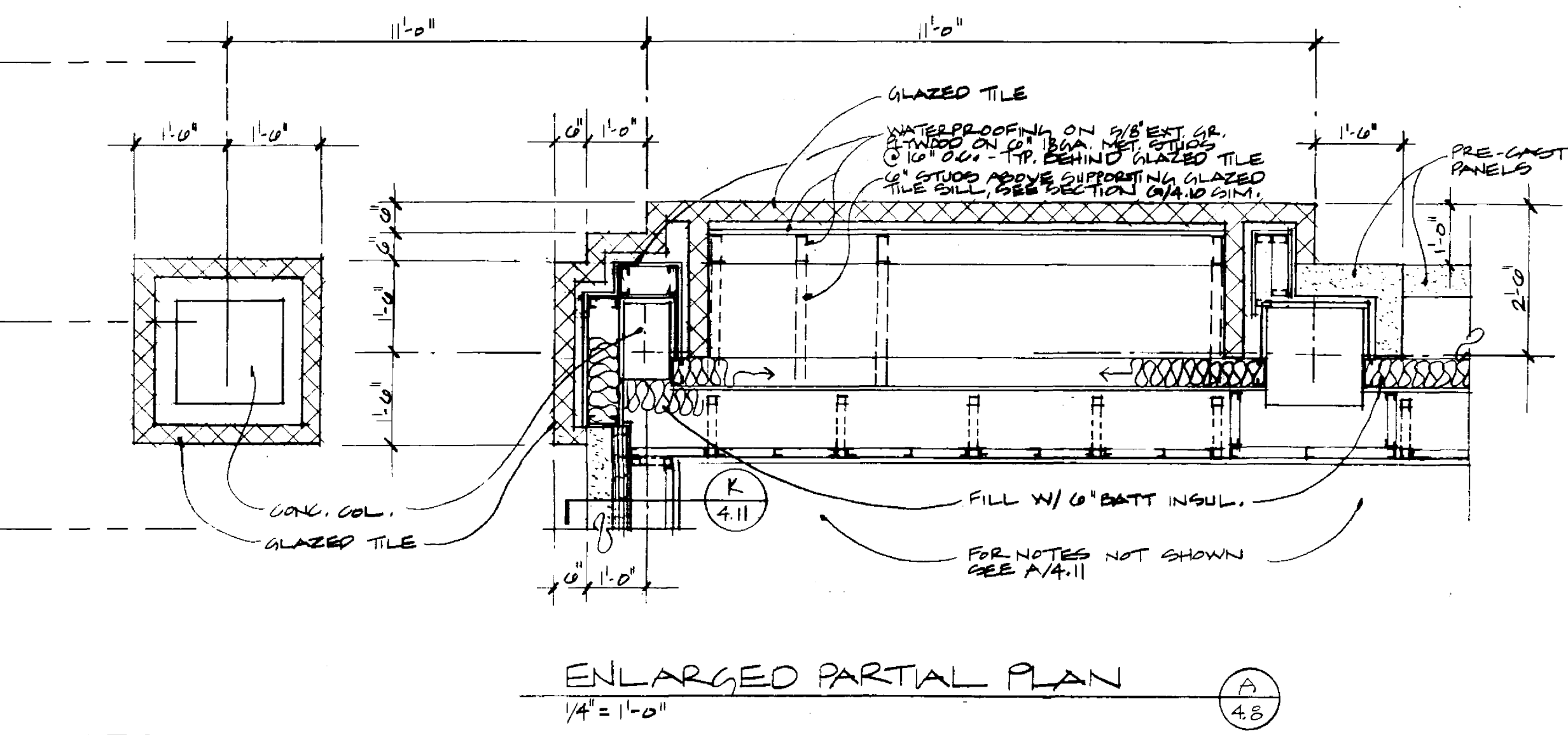


KEY PLAN

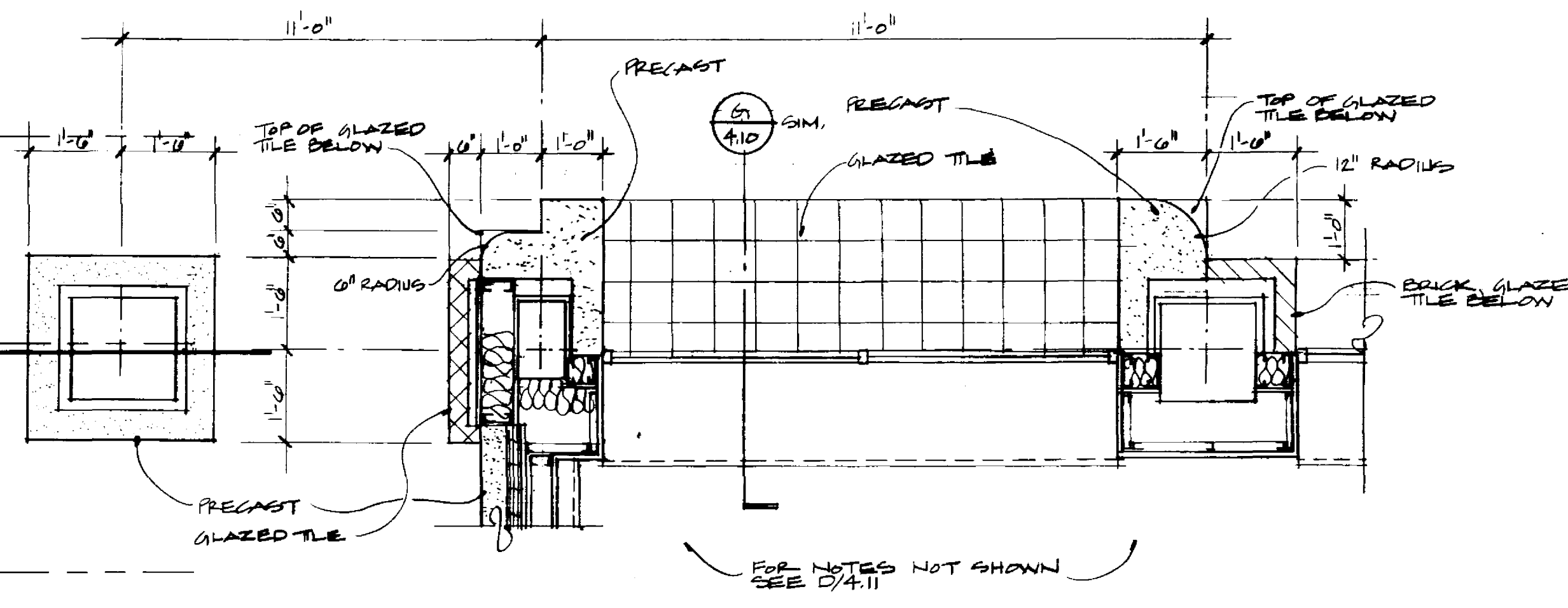
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	drawn by	
	date	



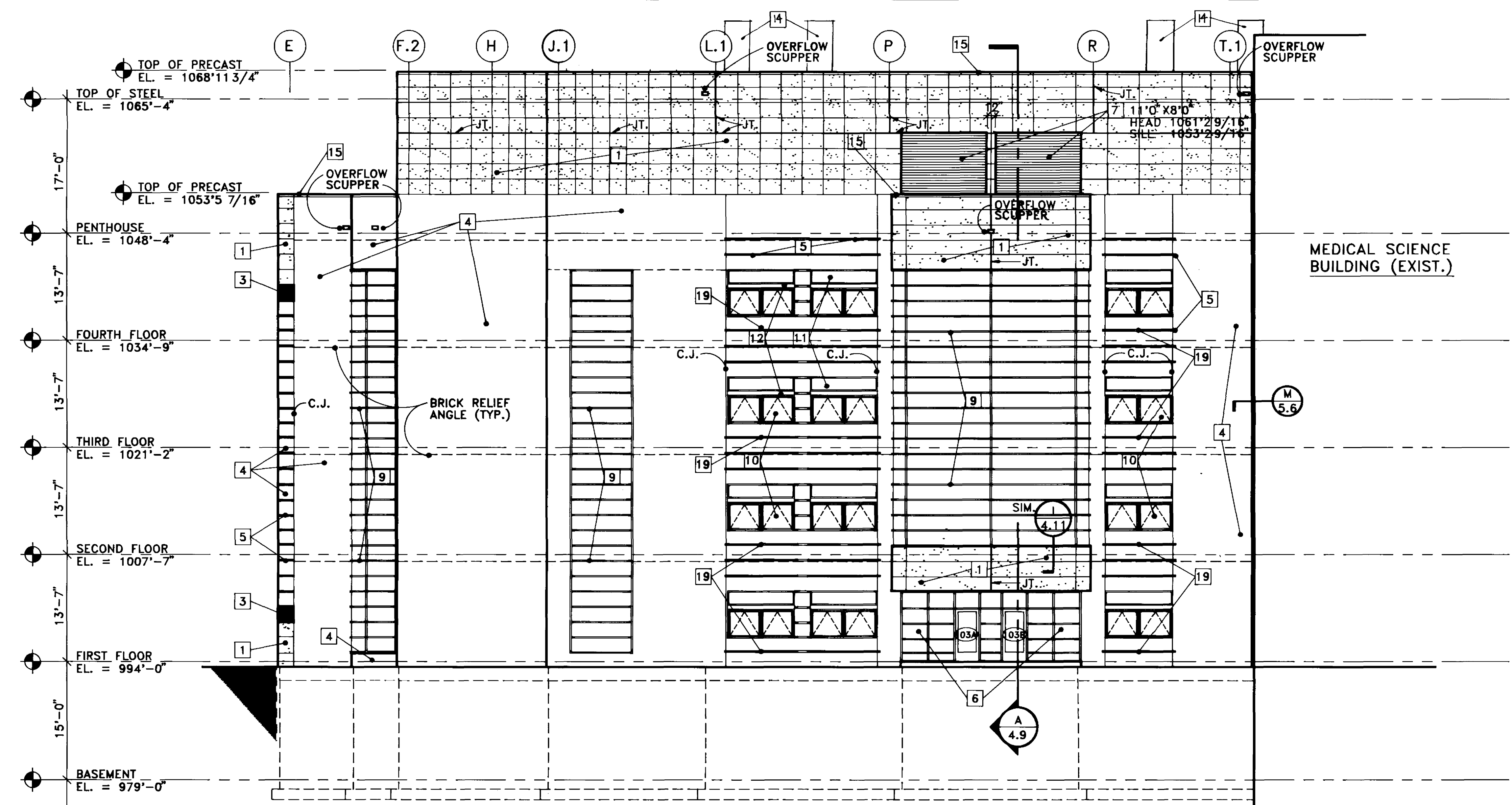
1 NORTH ELEVATION
1/8" = 1'-0"



ENLARGED PARTIAL PLAN (A)
1/4" = 1'-0"



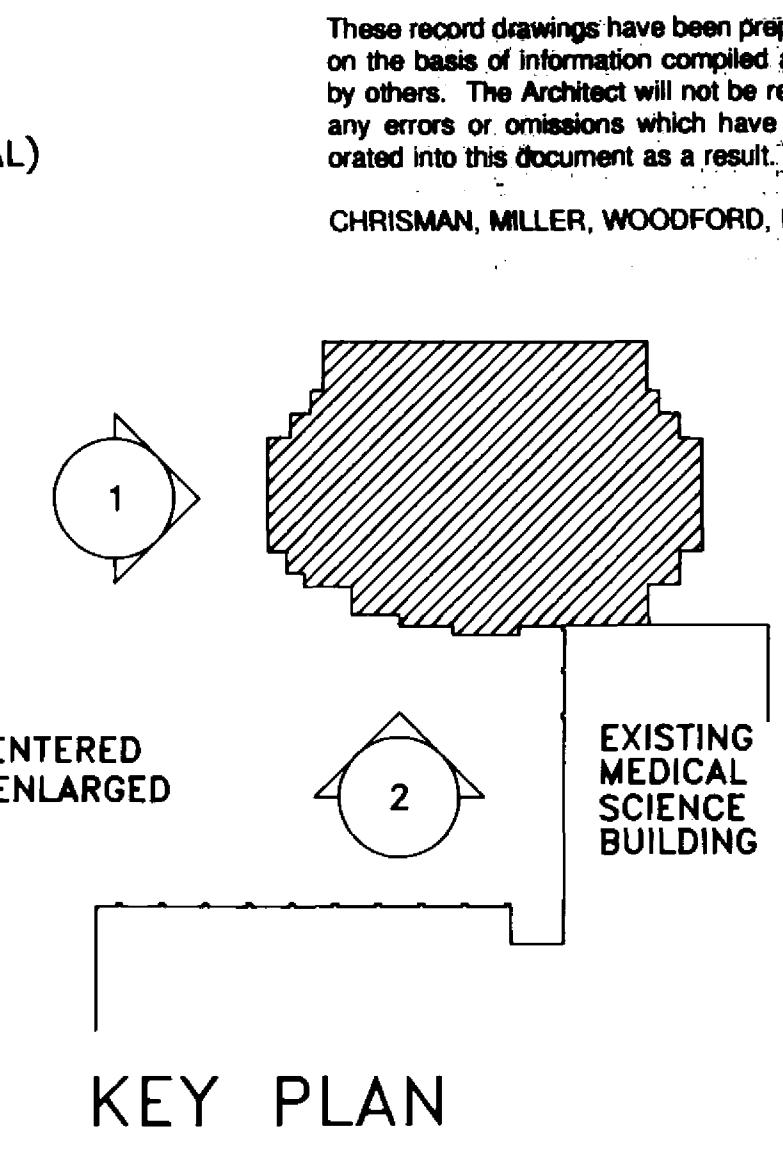
ENLARGED PARTIAL PLAN (B)
1/4" = 1'-0"



2 WEST ELEVATION
1/8" = 1'-0"

- LEGEND**
- 1 PRECAST CONCRETE PANELS
 - 2 CONCRETE RETAINING WALL
 - 3 BXB GLAZED TILE MASONRY UNITS
 - 4 FACE BRICK
 - 5 ACCENT BRICK PATTERN
 - 6 GLAZED ALUMINUM ENTRY SYSTEM
 - 7 ALUMINUM LOUVERS
 - 8 GLAZED ALUMINUM SKYLIGHT SYSTEM
 - 9 GLAZED ALUMINUM FRAMING SYSTEM
 - 10 GLAZED ALUMINUM AWNING WINDOWS (TYPICAL) SEE DETAILS SHT. 4.13
 - 11 FIXED ALUMINUM WINDOWS (TYPICAL)
 - 12 PRECAST CONCRETE SUN SHADE (TYPICAL)
 - 13 SYNTHETIC PLASTER
 - 14 STAINLESS STEEL EXHAUST STACKS TOP OF STACKS = 1075'4"
 - 15 ALUMINUM COPING
 - 16 DOCK BUMPERS
 - 17 GALV. STEEL GRATING
 - 18 RUBBED CONCRETE FINISH
 - 19 25"W X 2 1/4" X 4" DP. BRICK VENT (TYP. IN TOP ACCENT BRICK COURSE CENTERED BELOW WINDOW @ BRICK WALLS). SEE ENLARGED ELEVATION F/4.14

RECORD DRAWINGS DATE August 1985
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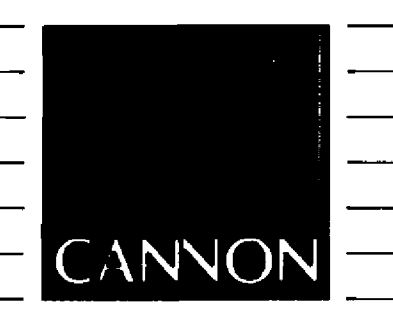


KEY PLAN

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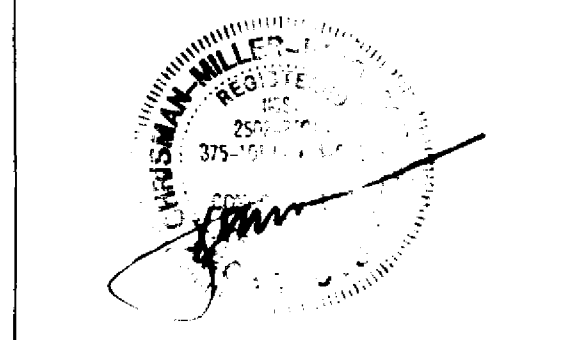
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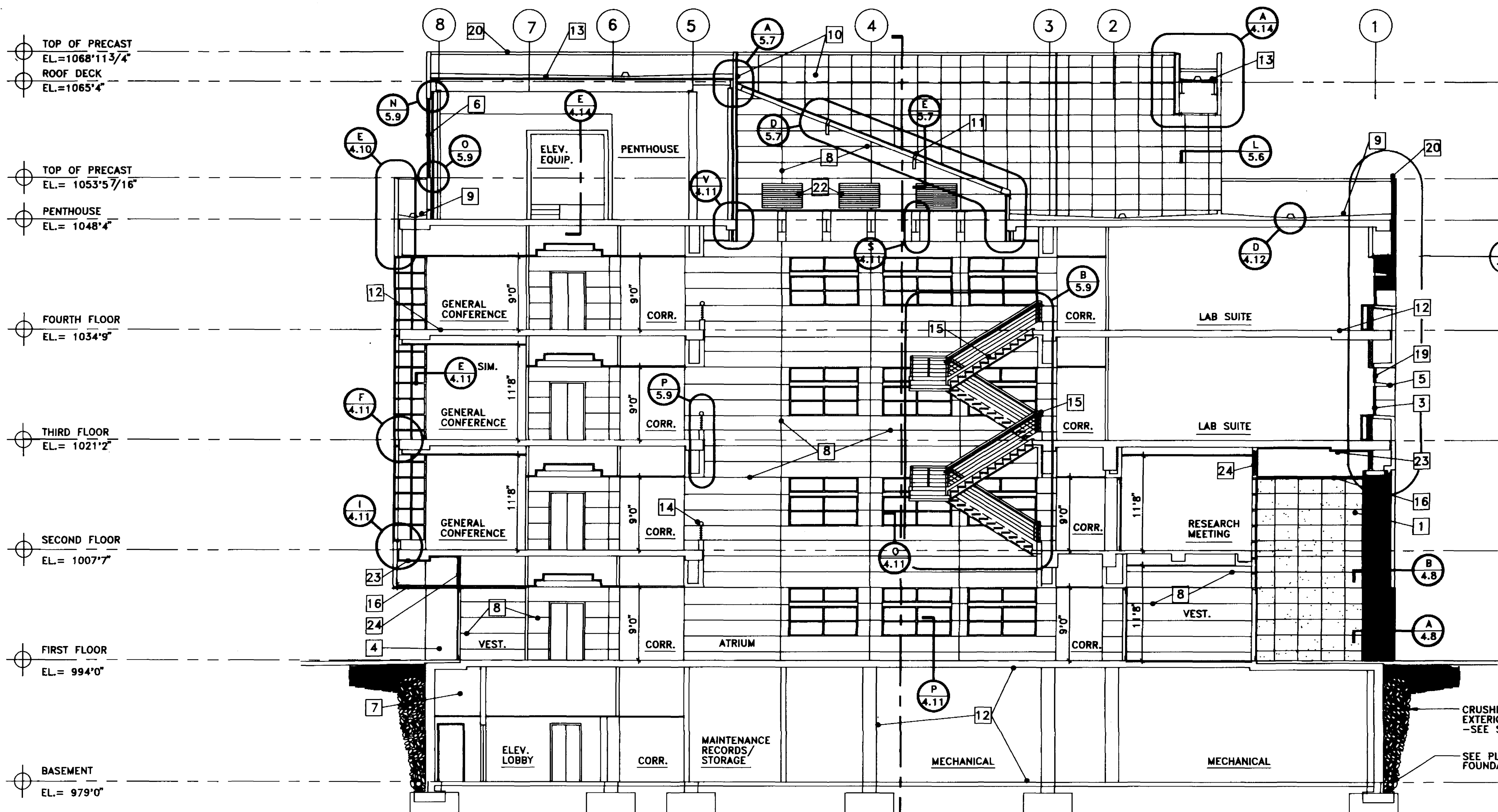
Drawing Title
EXTERIOR BUILDING ELEVATIONS

Drawn by: HA

Checked by: KVL, JB

Project No. Scale
90240.01 1/8" = 1'-0"

Drawing No.
4.8



BUILDING SECTION

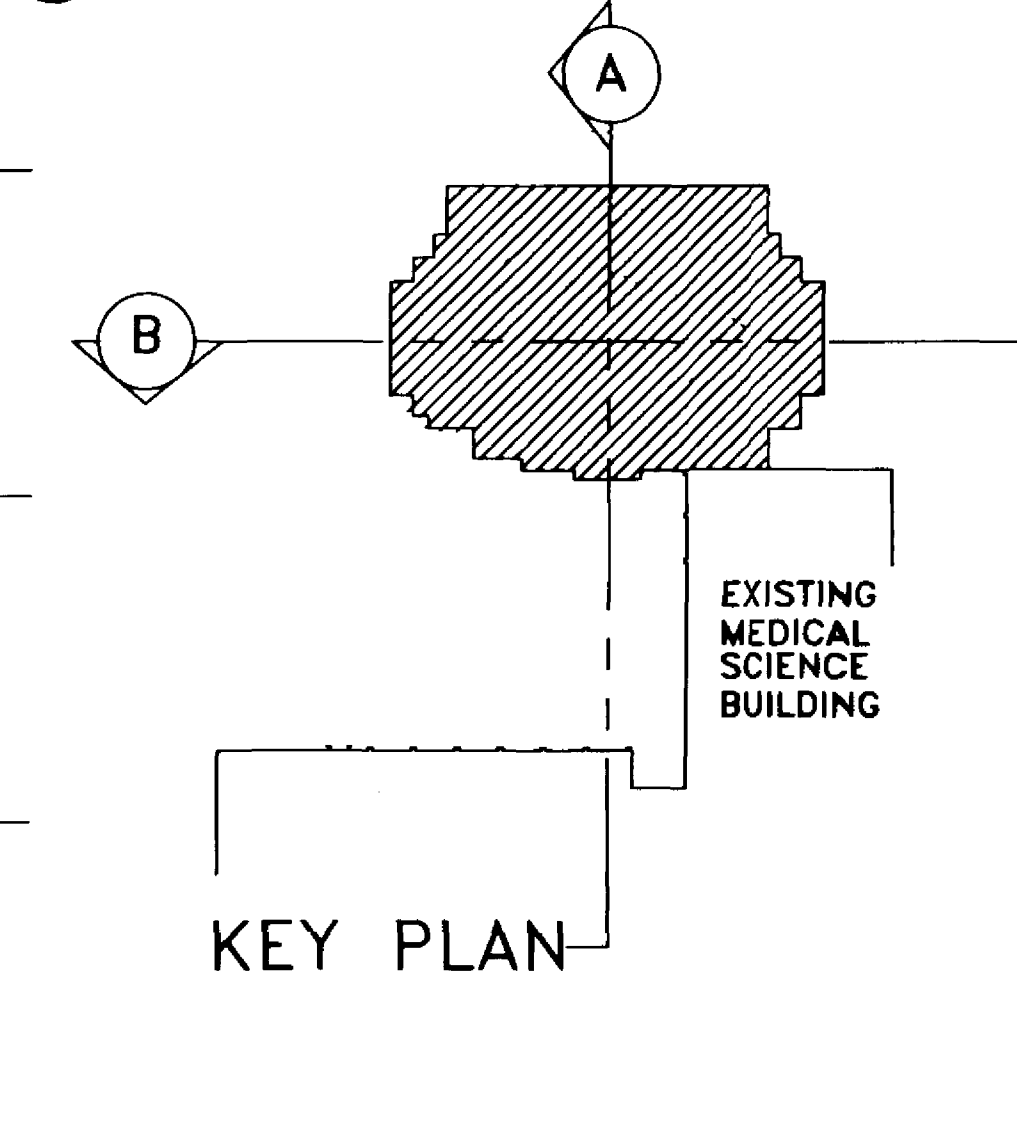
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KEYED NOTES

- 1 PRECAST CONCRETE PANELS
- 2 GLAZED ALUMINUM FRAMING SYSTEM
- 3 GLAZED ALUMINUM AWNING WINDOW
- 4 FACE BRICK
- 5 PRECAST CONCRETE SUNSHADE
- 6 ALUMINUM LOUVER (MULLIONS)
- 7 CONCRETE FDN WALL
- 8 1/2"W X 5/8" DEEP GYPSUM WALLBOARD REVEALS
- 9 BUILT UP ROOF ON LIGHTWEIGHT CONCRETE FILL
- 10 SYNTHETIC PLASTER EXTERIOR WALL SYSTEM
- 11 GLAZED ALUMINUM SKYLIGHT SYSTEM
- 12 CONCRETE STRUCTURE
- 13 STEEL STRUCTURE W/METAL DECK ROOF - TYPICAL @ PENTHOUSE
- 14 GUARDRAIL
- 15 STEEL STAIRS METAL PAN W/CONC. TREADS
- 16 SYNTHETIC PLASTER CEILING
- 17 H.M. FRAME WINDOWS
- 18 GYPSUM WALLBOARD SUNSHADE
- 19 FIXED ALUMINUM WINDOW SYSTEM
- 20 ALUMINUM COPING
- 21 1 1/2" DIA. METAL STEEL POST. ALIGN W/REVEAL. 5'-0" O.C.
- 22 MECH. GRILLES. SEE MECH. PAINT GRILLES TO MATCH WALL (20' LATE)
- 23 2" SEMI RIGID INSULATION IN "Z" FURRING (20' LATE)
- 24 6" BATT INSULATION IN 6" METAL STUDS @ 16" O.C.

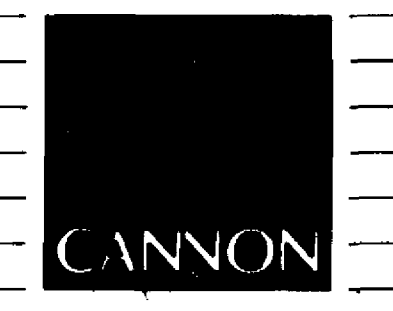
KEY PLAN



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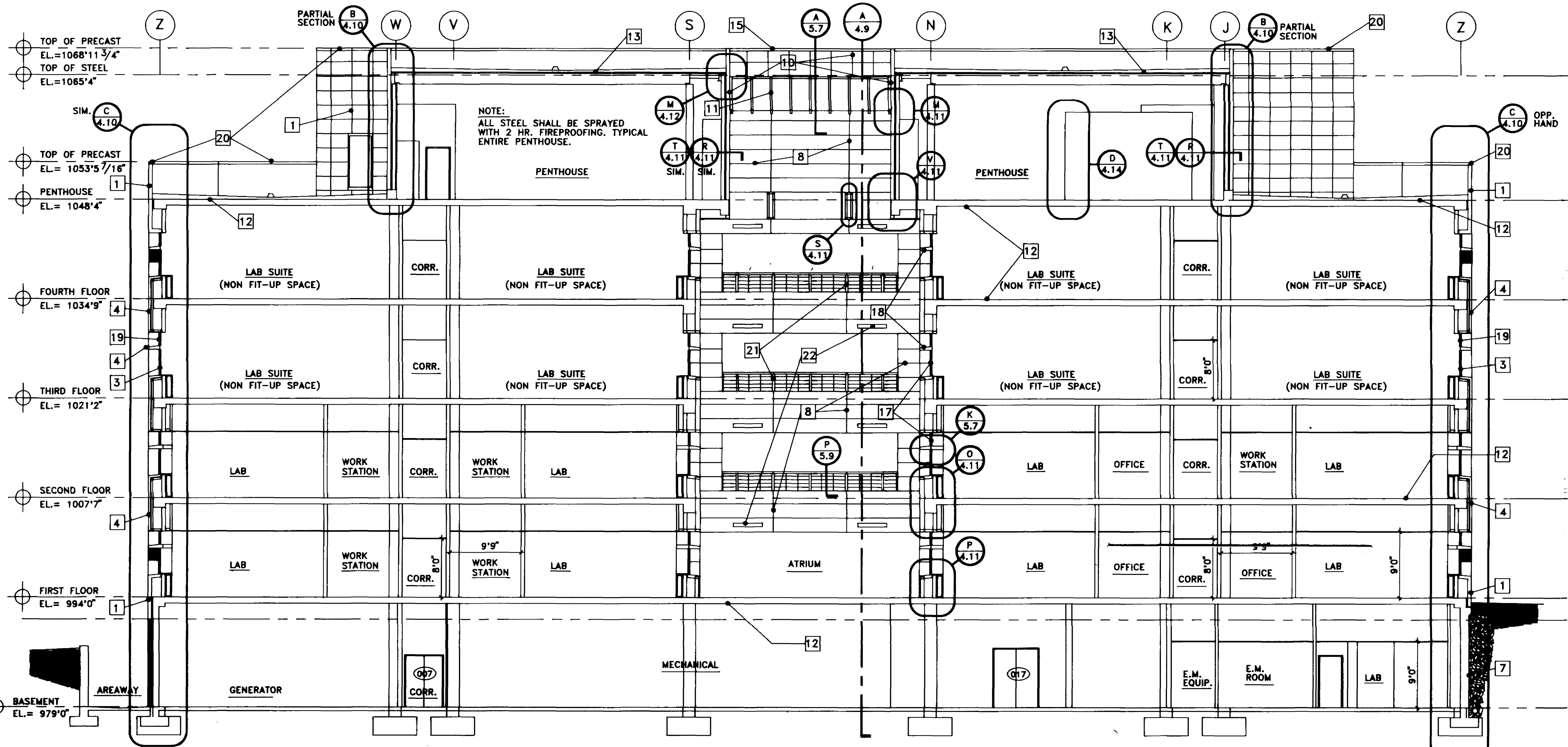
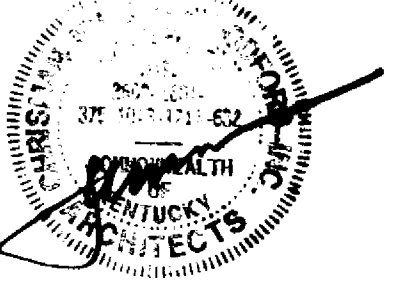
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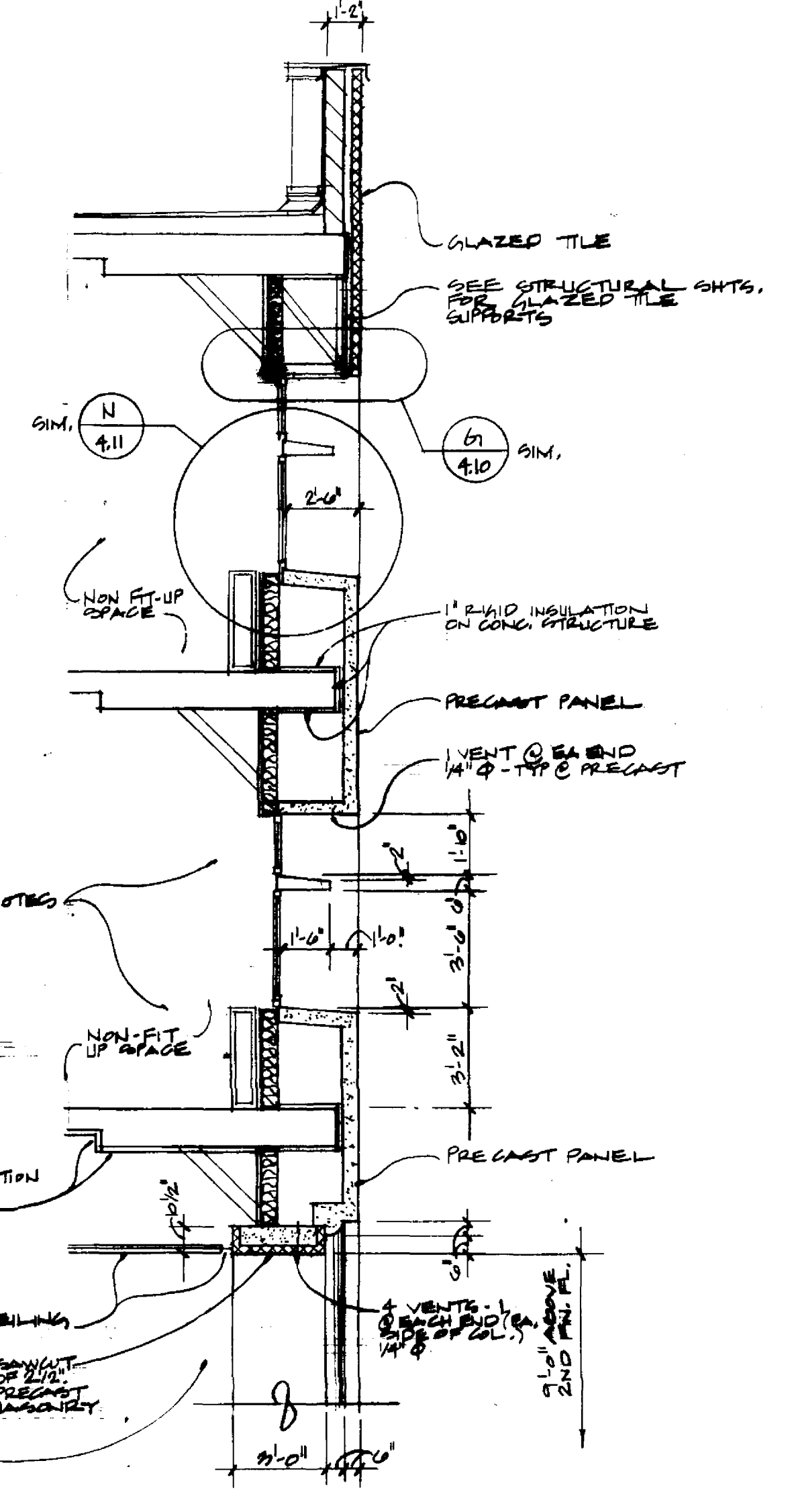
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BUILDING SECTION

1/8" = 1'0"



PARTIAL SECTION

1/4" = 1'-0"

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FINAL DOCUMENTS	Drawing No. 4.9

Revision	Date
Issue Date: Dec. 92	

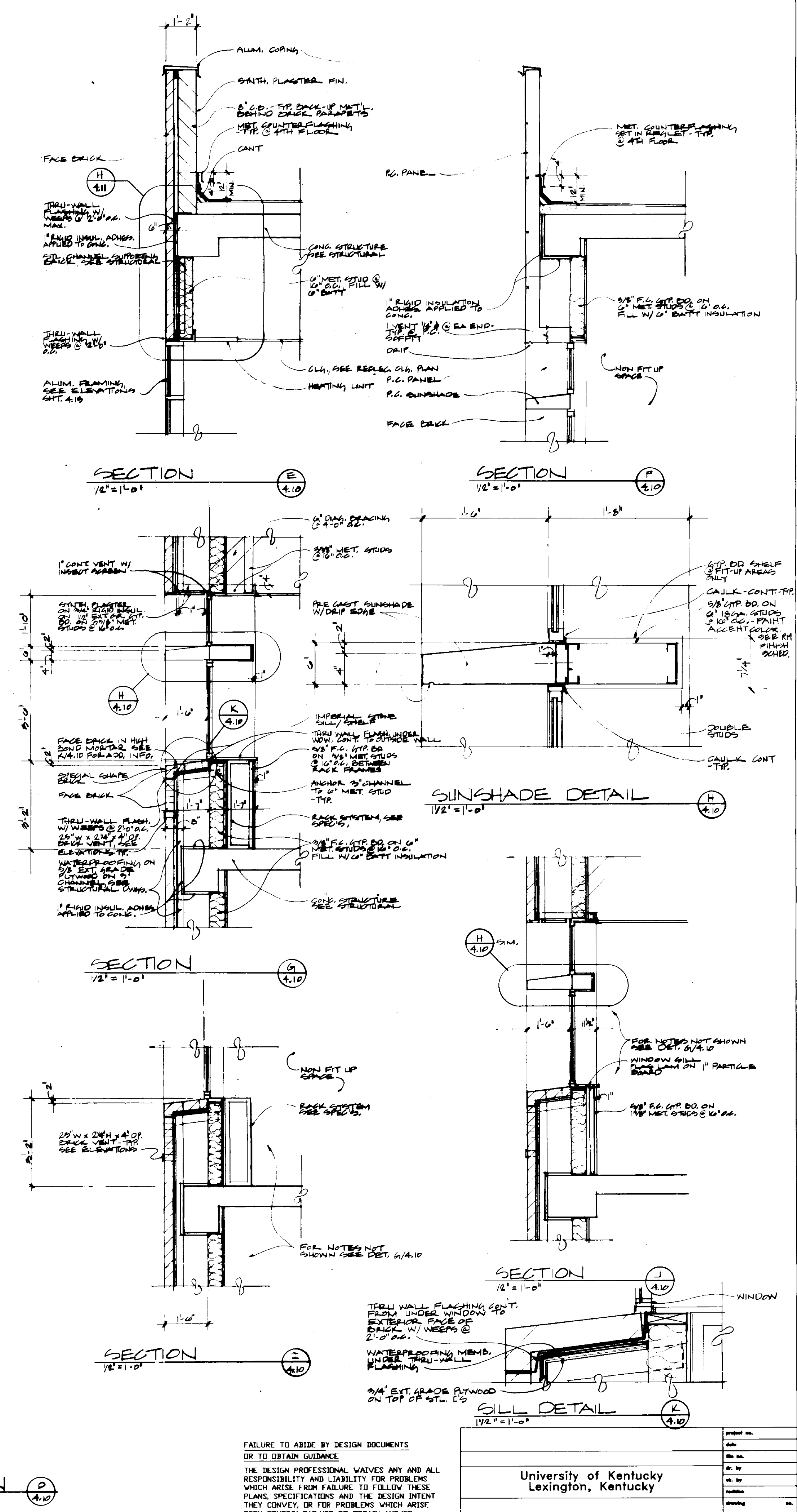
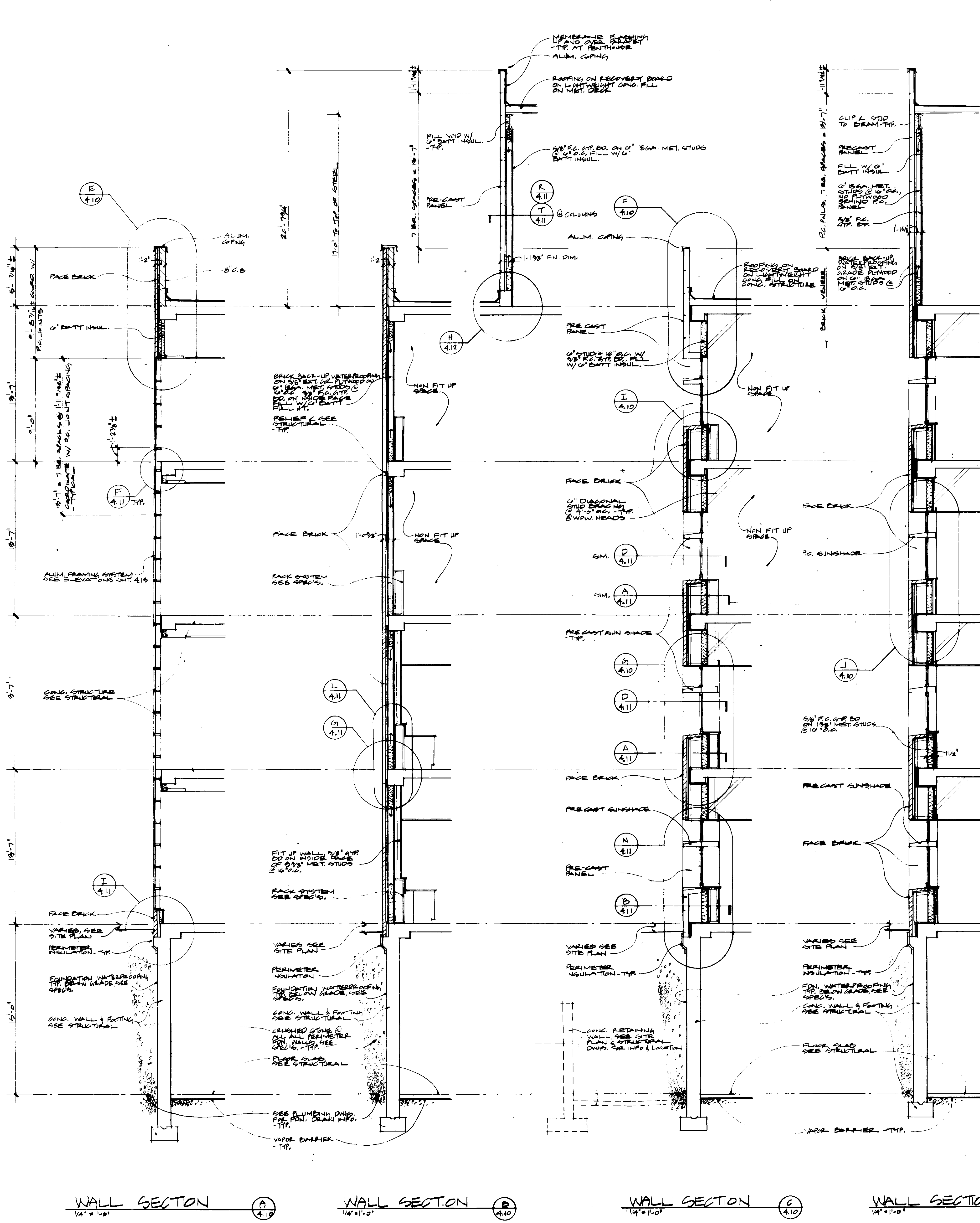
Drawing Title: BUILDING SECTIONS

Drawn by: HA

Checked by: KYLM, JB

Project No. 747.0
Scale 1/8" = 1'0"

Drawing No. 4.9



WALL SECTION A 1/4" = 1'-0"

WALL SECTION B 1/4" = 1'-0"

WALL SECTION C 1/4" = 1'-0"

WALL SECTION D 1/4" = 1'-0"

SECTION E 1/2" = 1'-0"

SECTION F 1/2" = 1'-0"

SUNSHADE DETAIL H 1/2" = 1'-0"

SECTION G 1/2" = 1'-0"

SECTION J 1/2" = 1'-0"

SECTION I 1/2" = 1'-0"

SILL DETAIL K 1/2" = 1'-0"

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Project No.	90240.01
Scale	NA
Drawing No.	4.10
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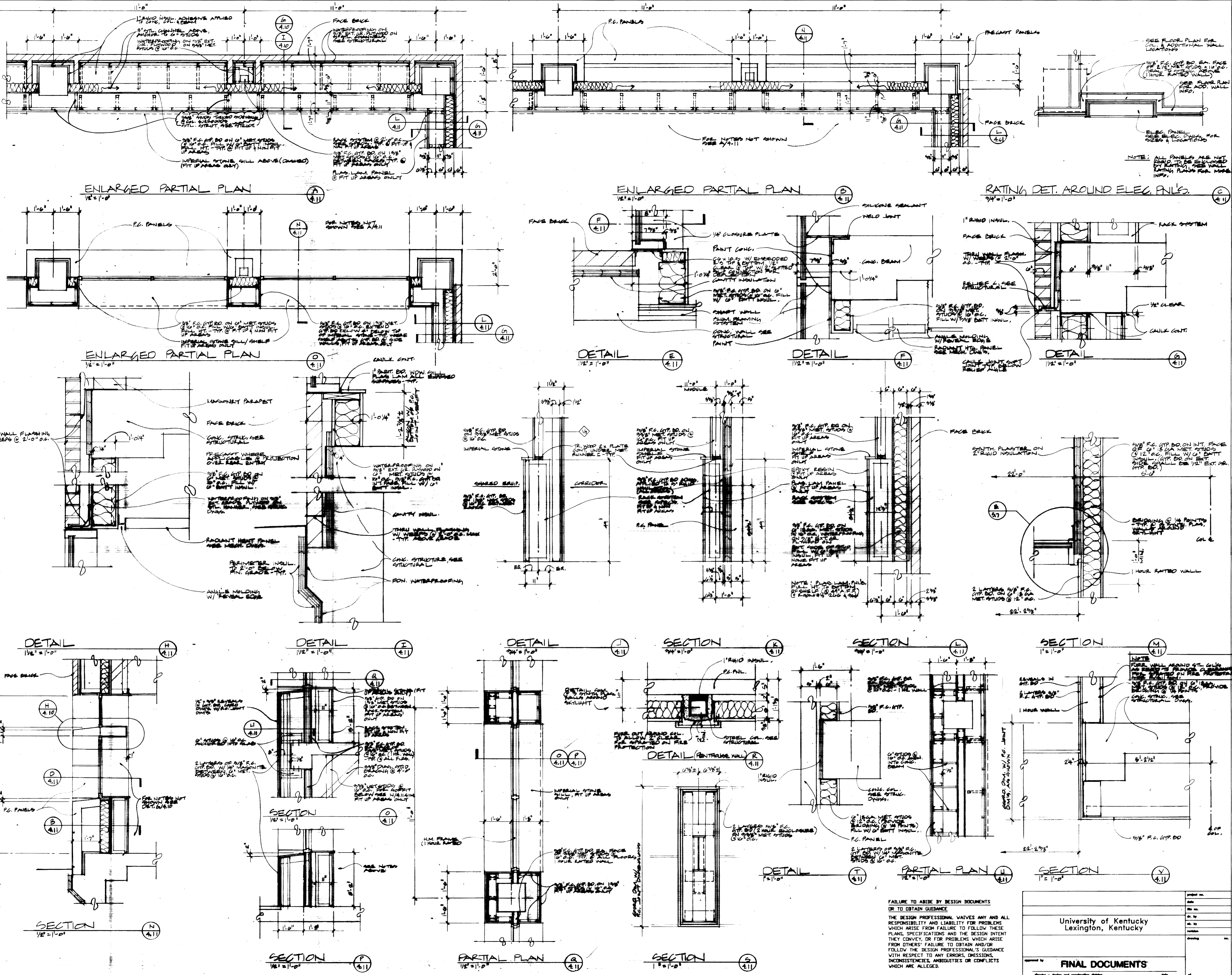
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Revision	Date
Issue Date	DEC. 72
Drawing Title	

WALL SECTIONS & DETAILS
Drawn by BW
Checked by KYLM JF
Project No. 90240.01
Scale NA
Drawing No. 4.10

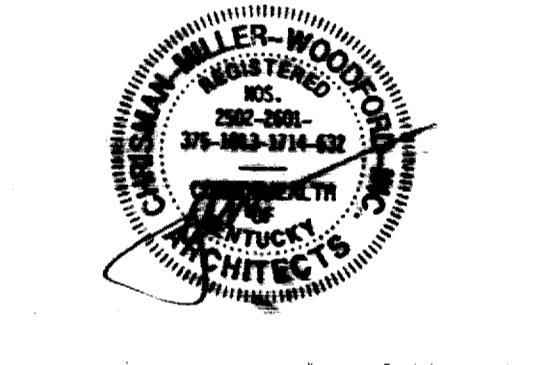


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 • WOODFORD • INC.
 ARCHITECTURE ENGINEERING
 PLANNING INTERIORS
 326 South Broadway
 Lexington, Kentucky
 606-254-6623



RECORD DRAWINGS DATE August 1982
 These record drawings have been prepared, in part, on the basis of information compiled and furnished by others. The Architect will not be responsible for any errors or omissions which have been incorporated into this document as a result.
 CHRISMAN, MILLER, WOODFORD, INC.



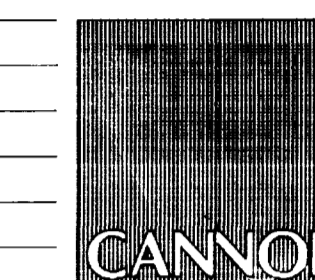
Revision	Date
Issue Date	Dec. 92
Drawing Title	

SECTIONS & DETAILS

Drawn by BW
 Checked by KYLM JB
 Project No. 7470.01
 Scale 1/4" = 1'-0"
 Drawing No. 4.11

FAILURE TO ABIDE BY DESIGN DOCUMENTS OR TO OBTAIN GUIDANCE FROM THE DESIGN PROFESSIONAL WAIVES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR FOR PROBLEMS WHICH ARISE FROM OTHERS' FAILURE TO OBTAIN AND/OR FOLLOW THE DESIGN PROFESSIONAL'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.

University of Kentucky Lexington, Kentucky	Project No. 7470.01	Scale 1/4" = 1'-0"
FINAL DOCUMENTS	Drawing No. 4.11	



ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

Boston
Buffalo
New York
St. Louis
Washington

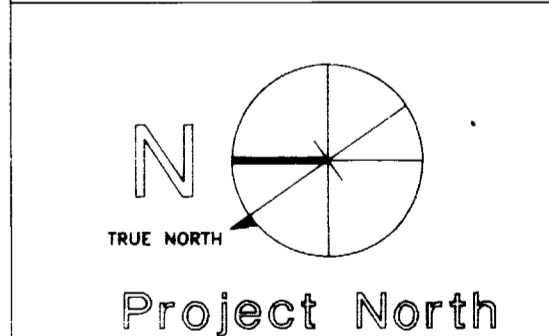
165 North Meramec, Suite 600
St. Louis, Missouri
314-862-5660



CHRISMAN • MILLER
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ARCHITECTURE ENGINEERING
PLANNING INTERIORS

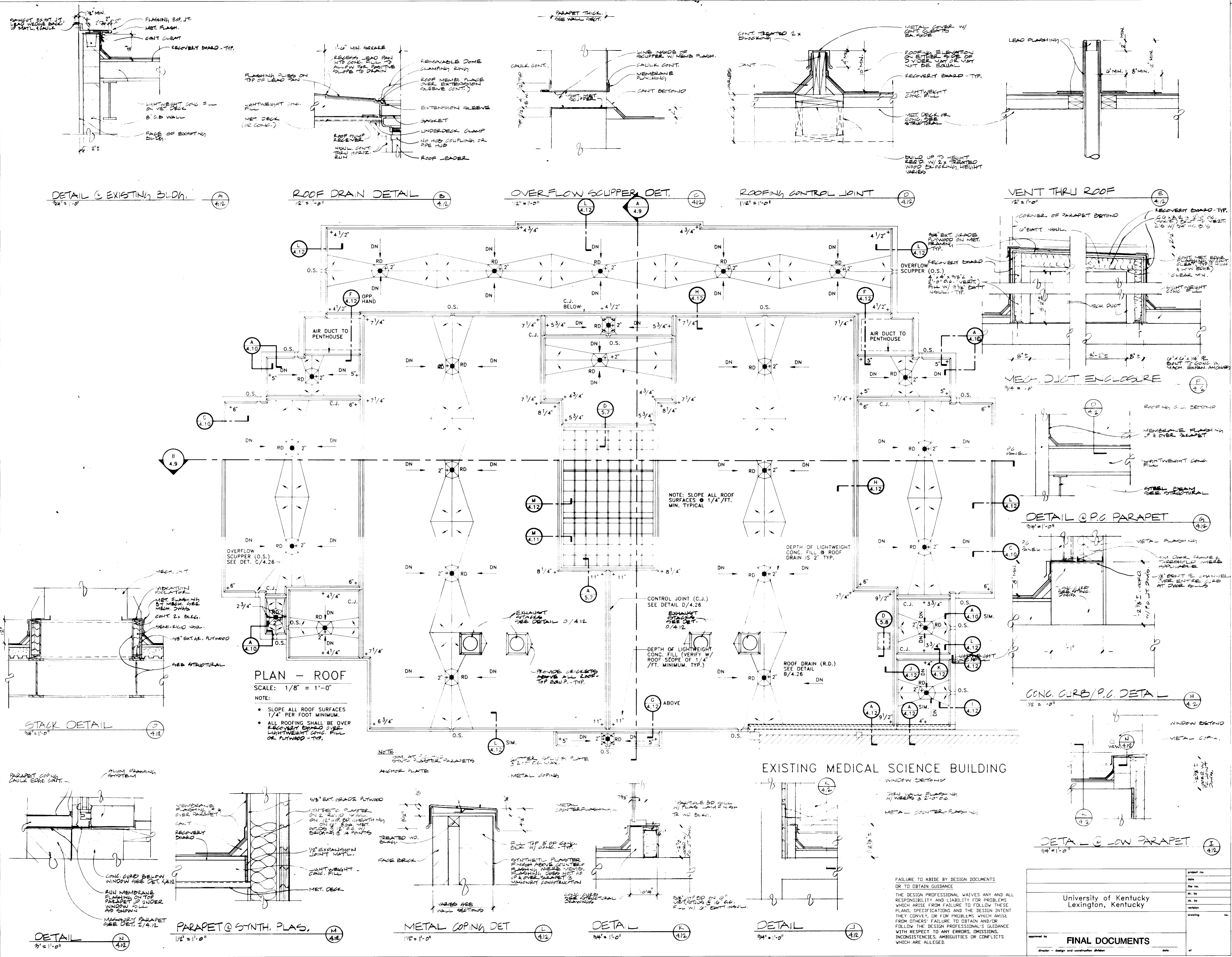
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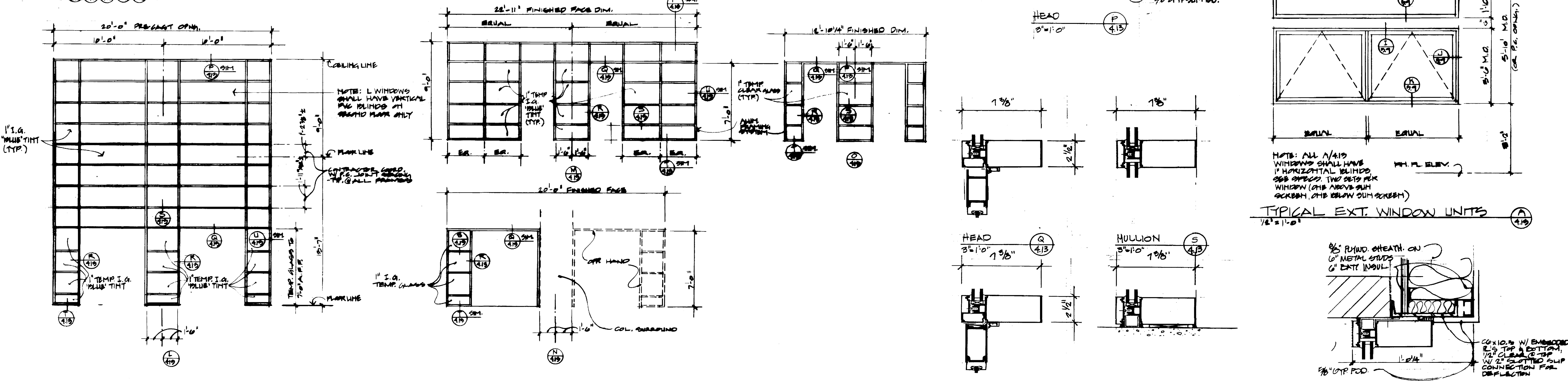
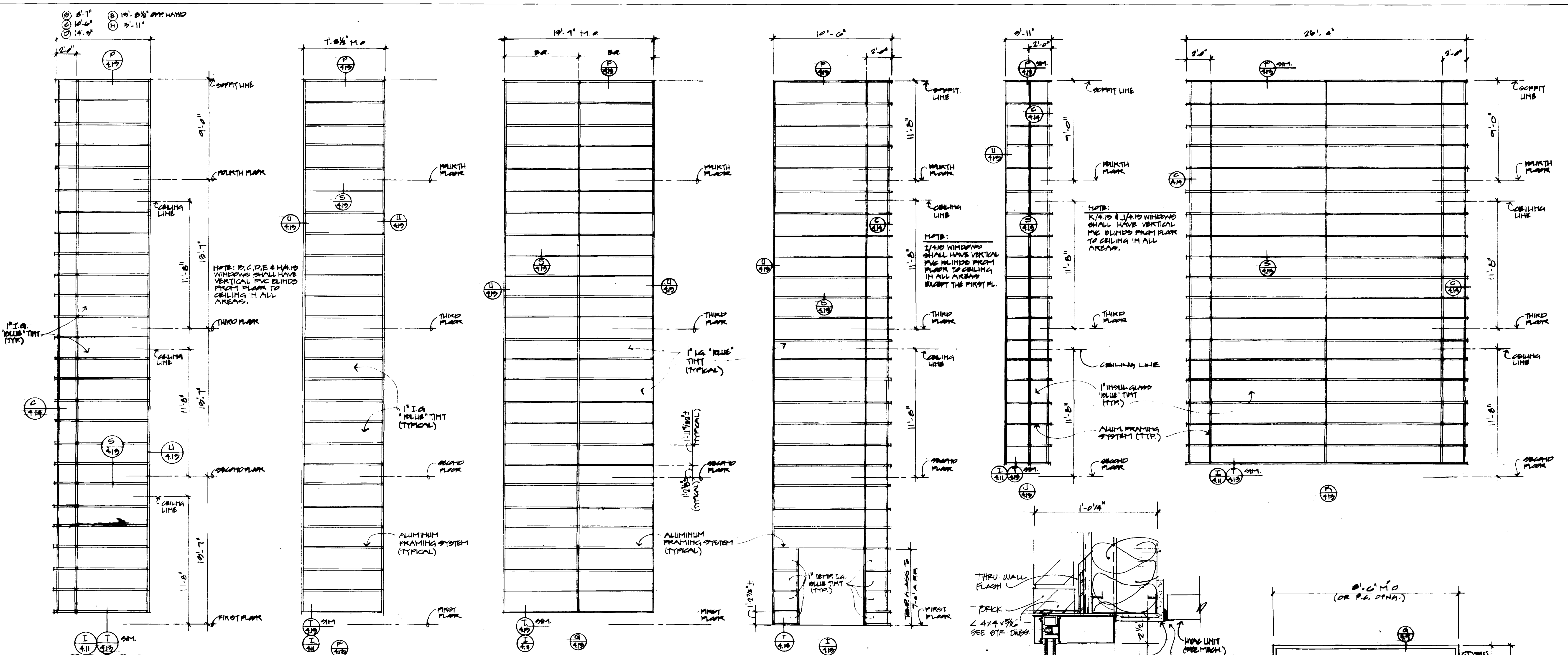
Revision	Date
Issue Date	DEC. 92
Drawing Title	ROOF PLAN & DETAILS

Drawn by BW
Checked by KVL1 JB
Project No. 747.001 Scale NA
Drawing No. 4.12



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FINAL DOCUMENTS
University of Kentucky
Lexington, Kentucky



ALLUMINUM FRAME ELEVATIONS
1/4" = 1'-0"

WINDOW WALL & ENTRY FRAMING DETAILS

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Prepared by	
Checked by	
Drawn by	
Project No.	10240.01
Scale	MA
Issue Date	Dec. '92
Drawing Title	WINDOW ELEVATIONS & DETAILS
Project No.	10240.01
Scale	MA
Issue Date	Dec. '92
Drawing Title	WINDOW ELEVATIONS & DETAILS

University of Kentucky
Lexington, Kentucky

FINAL DOCUMENTS

THE UNIVERSITY OF KENTUCKY
MEDICAL RESEARCH EXPANSION SPACE
PROJECT NO. 747.0
Lexington, Kentucky

ARCHITECTURE ENGINEERING INTERIOR DESIGN
Boston
Buffalo
New York
St. Louis
Washington

165 North Meramec, Suite 600
St. Louis, Missouri
314-862-5660

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ARCHITECTURE ENGINEERING PLANNING INTERIORS

326 South Broadway
Lexington, Kentucky
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RECORD DRAWINGS DATE August 1995

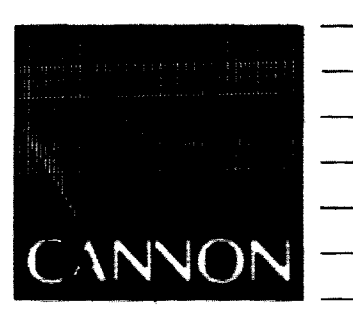
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CHRISMAN, MILLER, WOODFORD, INC.



Revision	Date
Issue Date	Dec. '92
Drawing Title	WINDOW ELEVATIONS & DETAILS

Drawn by SH, JD
Checked by KVM, JPS
Project No. 10240.01
Scale MA
Issue Date Dec. '92
Drawing No. 4.13



ARCHITECTURE ENGINEERING INTERIOR DESIGN

Boston Buffalo New York St. Louis Washington

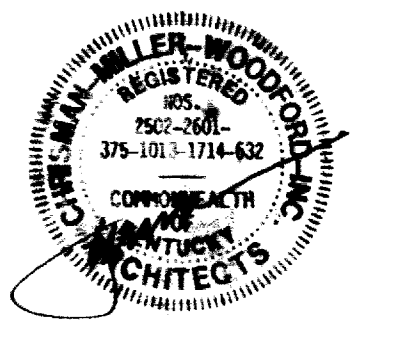
165 North Meramec, Suite 600 St. Louis, Missouri 314-862-5660



CHRISMAN • MILLER • WOODFORD • INC.

ARCHITECTURE ENGINEERING PLANNING INTERIORS

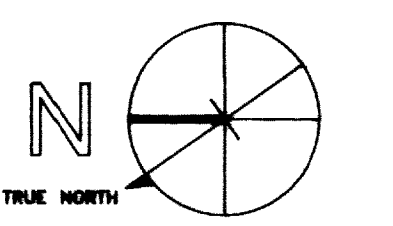
326 South Broadway Lexington, Kentucky 606-254-6623



RECORD DRAWINGS DATE August 1992

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CHRISMAN, MILLER, WOODFORD, INC.



Project North

Revision	Date
Issue Date	Dec. '92
Drawing Title	

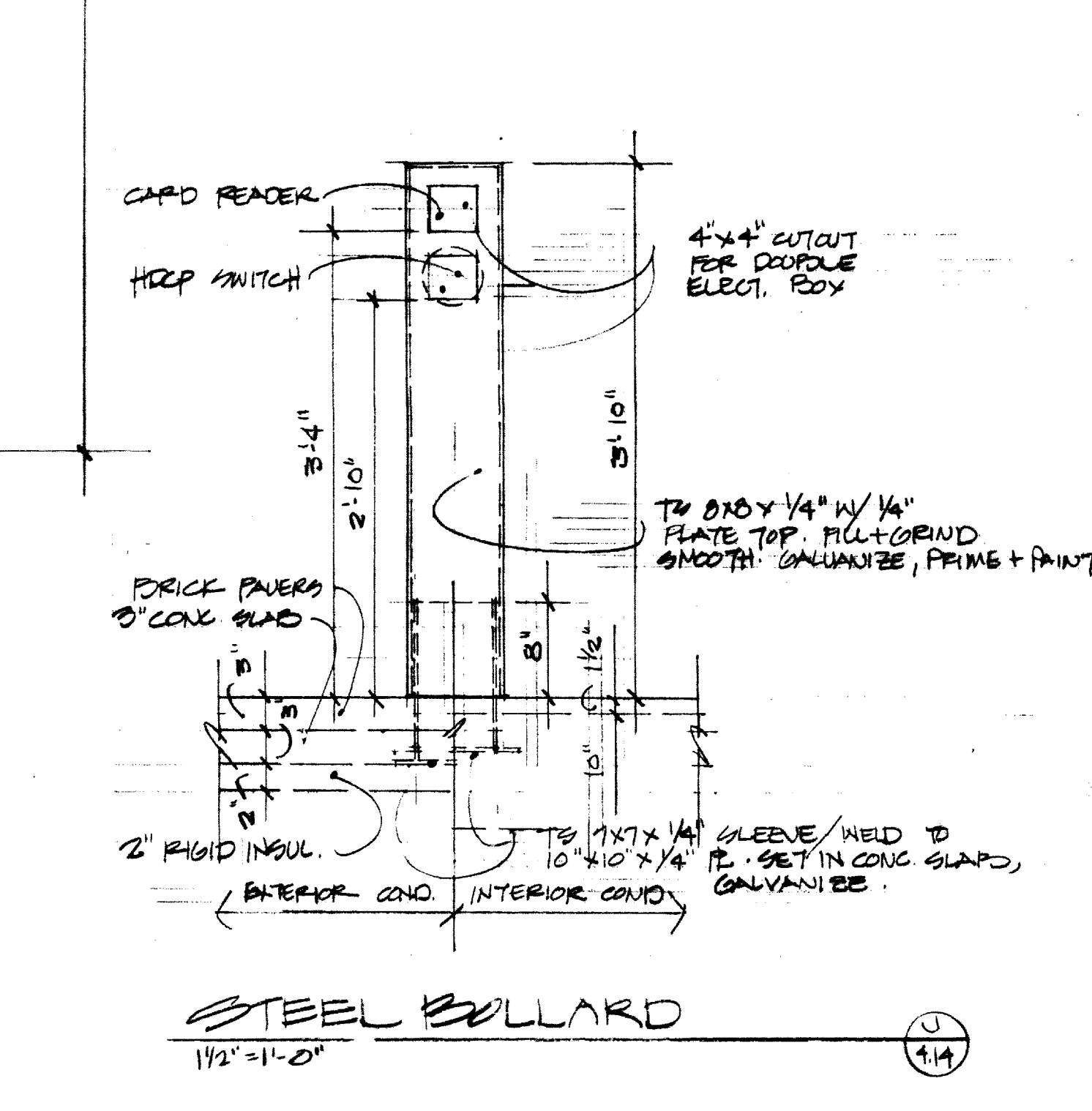
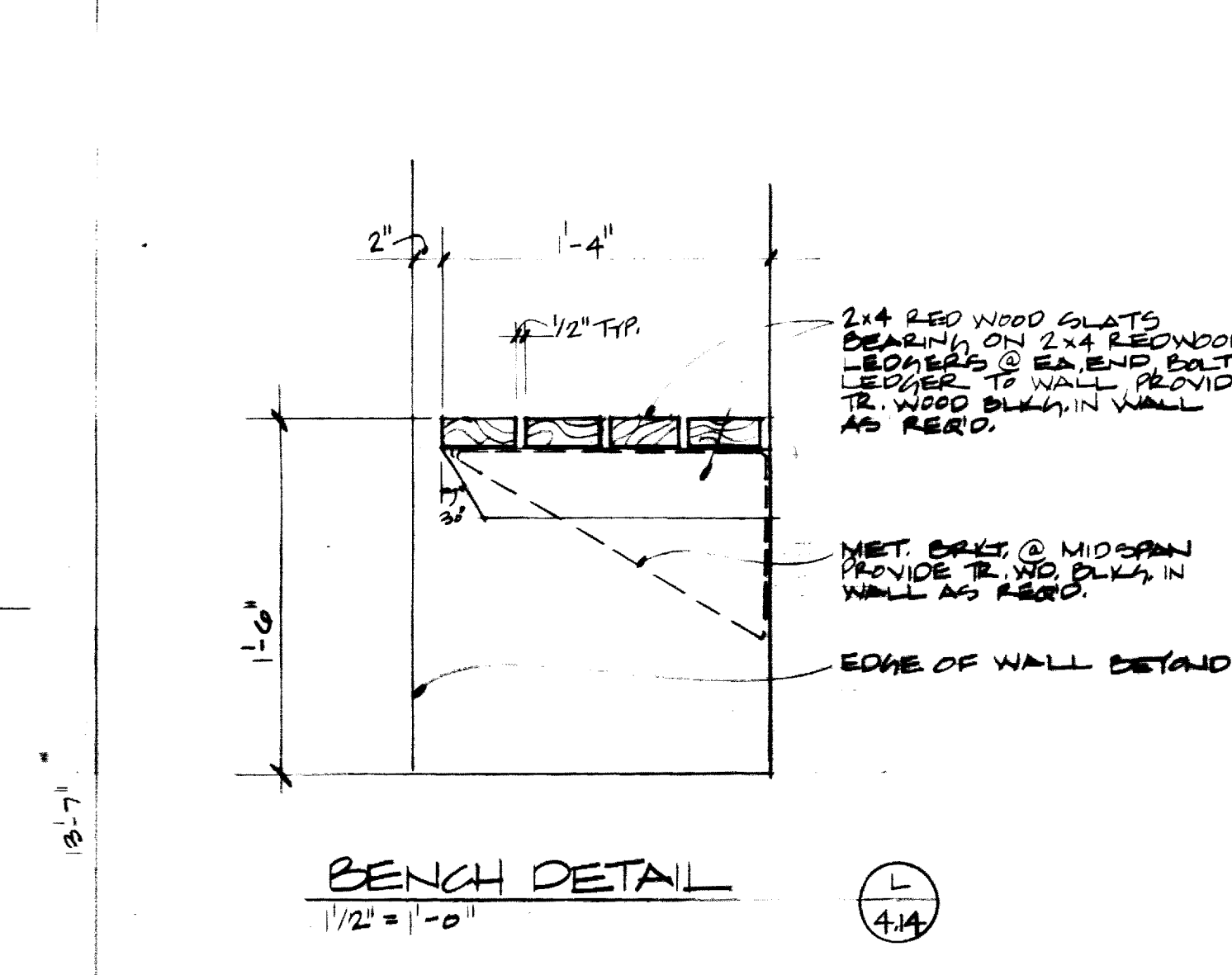
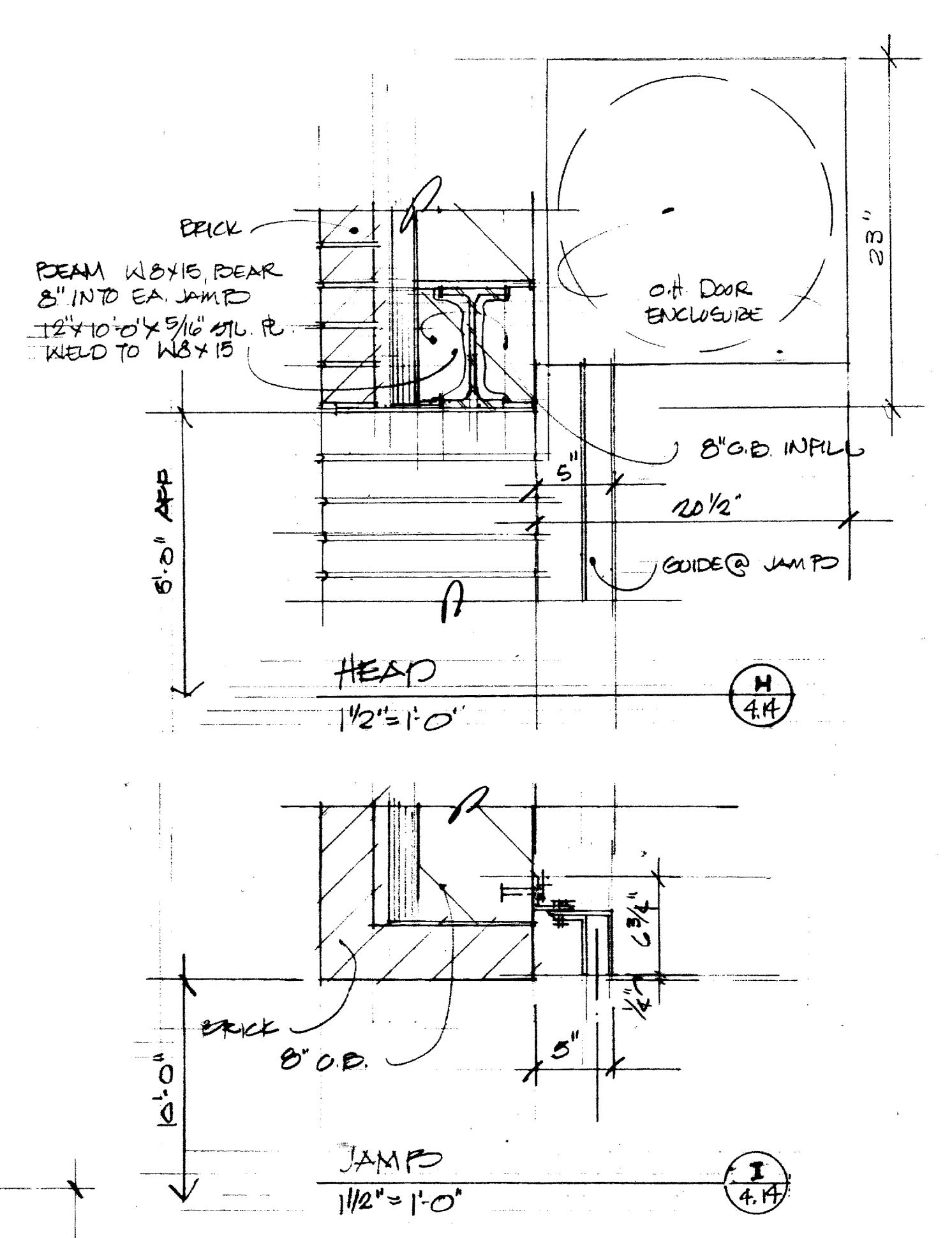
WINDOL ELEVATIONS & DETAILS ELEVATOR SECTIONS & DETAILS

Drawn by DW

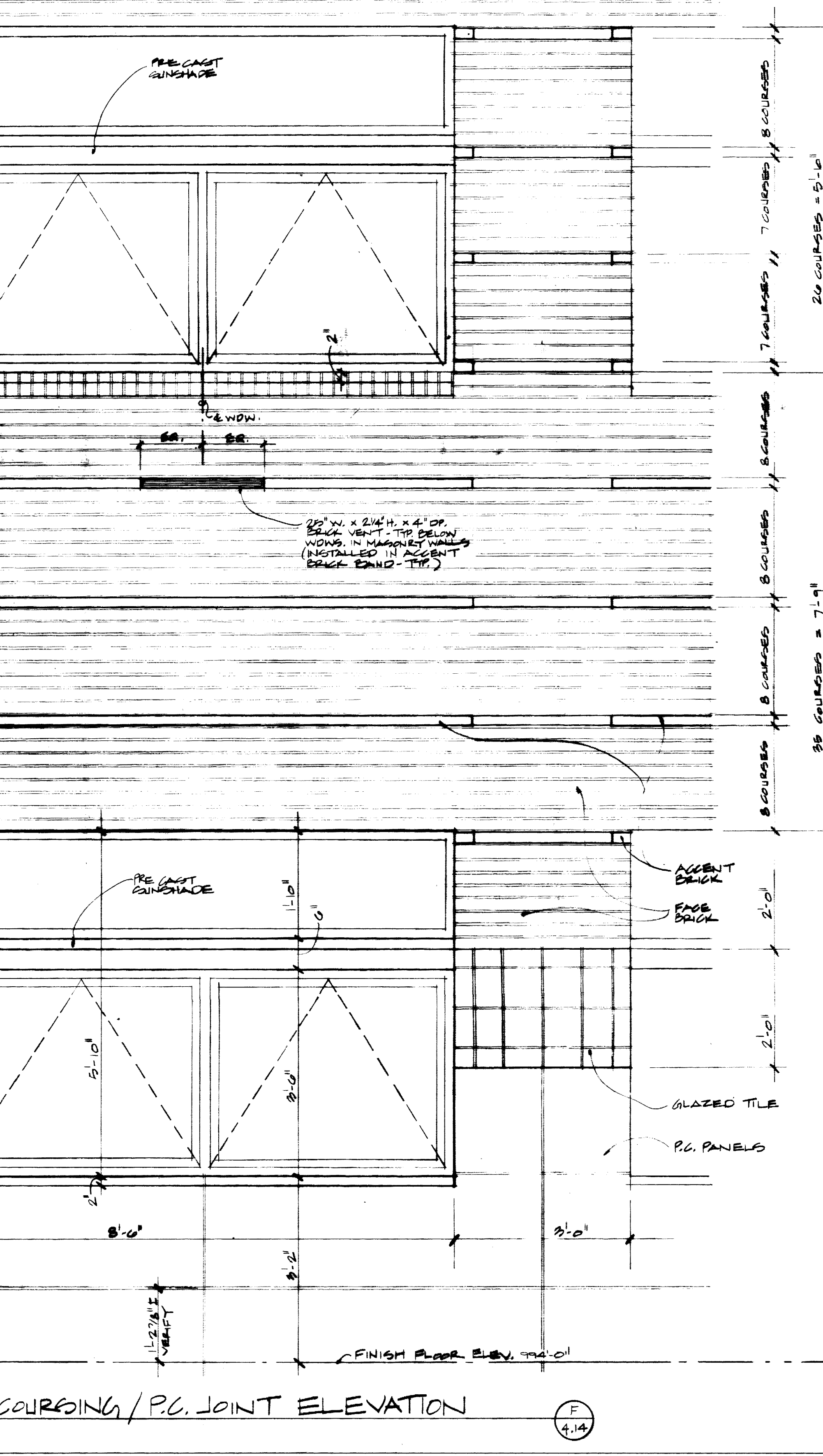
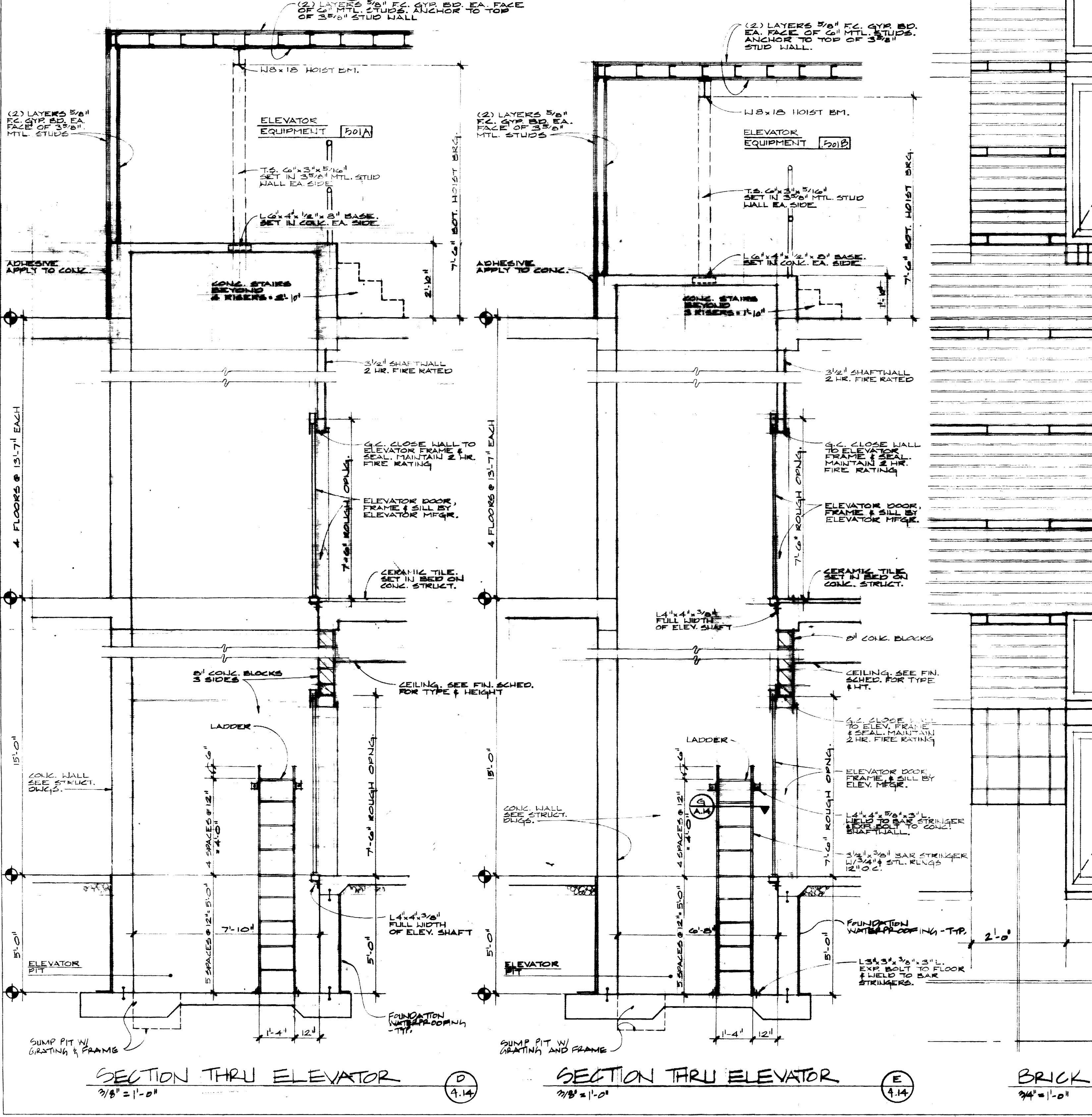
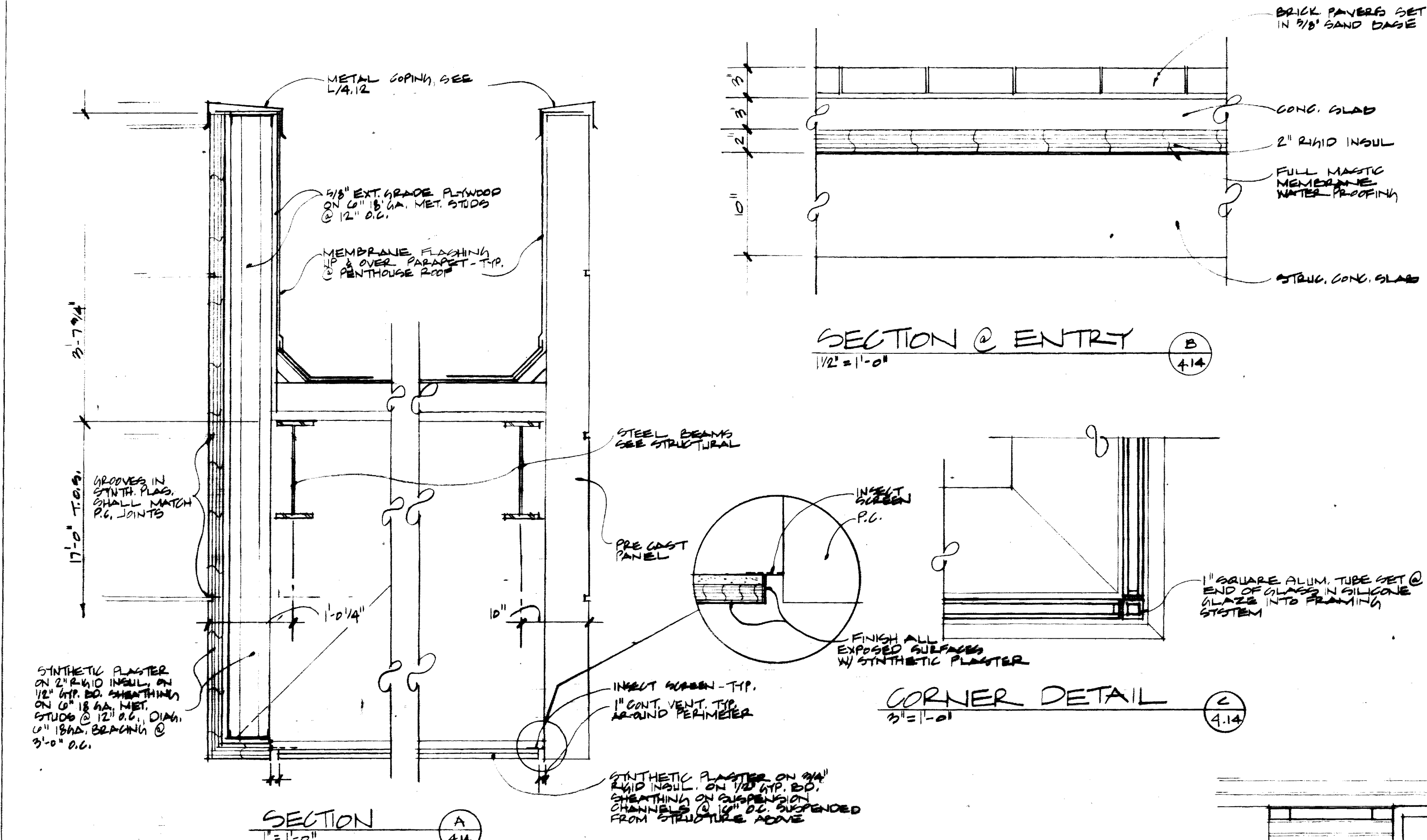
Checked by KYLM JPB

Project No. 70240.01 Scale N/A

Drawing No. 4.14



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University of Kentucky Lexington, Kentucky	



Sheet 4.14 of 4.14

ROOM FINISH SCHEDULE

Room	Floor	Base	North Wall	East Wall	South Wall	West Wall	Material	Finish	Height	Remarks
201 LAB	CONC	VT-1	VT-1	VT-1	VT-1	VT-1	CONC	ACT-2	9-0	
202 OFFICE	"	VT-1	VT-1	VT-1	VT-1	VT-1	CONC	ACT-2	9-0	
203 OFFICE	"	VT-1	VT-1	VT-1	VT-1	VT-1	CONC	ACT-2	9-0	
204 OFFICE	"	VT-1	VT-1	VT-1	VT-1	VT-1	CONC	ACT-2	9-0	
205 OFFICE	"	VT-1	VT-1	VT-1	VT-1	VT-1	CONC	ACT-2	9-0	

ROOM FINISH SCHEDULE

Room	Floor	Base	North Wall	East Wall	South Wall	West Wall	Material	Finish	Height	Remarks
206 CORRIDOR	CONC	VT-1	VT-1	VT-1	VT-1	VT-1	CONC	ACT-2	9-0	
207 CORRIDOR	"	VT-1	VT-1	VT-1	VT-1	VT-1	CONC	ACT-2	9-0	
208 CORRIDOR	"	VT-1	VT-1	VT-1	VT-1	VT-1	CONC	ACT-2	9-0	
209 CORRIDOR	"	VT-1	VT-1	VT-1	VT-1	VT-1	CONC	ACT-2	9-0	
210 CORRIDOR	"	VT-1	VT-1	VT-1	VT-1	VT-1	CONC	ACT-2	9-0	

ROOM FINISH SCHEDULE

Room	Floor	Base	North Wall	East Wall	South Wall	West Wall	Material	Finish	Height	Remarks
211 CORRIDOR	CONC	VT-1	VT-1	VT-1	VT-1	VT-1	CONC	ACT-2	9-0	
212 CORRIDOR	"	VT-1	VT-1	VT-1	VT-1	VT-1	CONC	ACT-2	9-0	
213 CORRIDOR	"	VT-1	VT-1	VT-1	VT-1	VT-1	CONC	ACT-2	9-0	
214 CORRIDOR	"	VT-1	VT-1	VT-1	VT-1	VT-1	CONC	ACT-2	9-0	
215 CORRIDOR	"	VT-1	VT-1	VT-1	VT-1	VT-1	CONC	ACT-2	9-0	

THE UNIVERSITY OF KENTUCKY

MEDICAL RESEARCH EXPANSION SPACE PROJECT NO. 747-0 Lexington, Kentucky

ARCHITECTURE ENGINEERING INTERIOR DESIGN

Boston Buffalo New York St. Louis Washington

165 North Meramec, Suite 600 St. Louis, Missouri 314-862-5660

CMW CHRISMAN • MILLER • WOODFORD • INC.

ARCHITECTURE ENGINEERING PLANNING INTERIORS

326 South Broadway Lexington, Kentucky 606-254-6623

RECORD DRAWINGS DATE August 1995

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CHRISMAN, MILLER, WOODFORD, INC.

Project North

Revision Date
 Issue Date DEC 1992
 Drawing Title
 ROOM FINISH SCHEDULE
 RM FIN SCHEDULE LEGEND

Project No. Scale NA
 90240.01
 Drawing No.

5.1

Room	Floor	Base	North Wall	East Wall	South Wall	West Wall	Material	Finish	Height	Remarks
216 CORRIDOR	CONC	VT-1	VT-1	VT-1	VT-1	VT-1	CONC	ACT-2	9-0	
217 CORRIDOR	"	VT-1	VT-1	VT-1	VT-1	VT-1	CONC	ACT-2	9-0	
218 CORRIDOR	"	VT-1	VT-1	VT-1	VT-1	VT-1	CONC	ACT-2	9-0	
219 CORRIDOR	"	VT-1	VT-1	VT-1	VT-1	VT-1	CONC	ACT-2	9-0	
220 CORRIDOR	"	VT-1	VT-1	VT-1	VT-1	VT-1	CONC	ACT-2	9-0	

ROOM FINISH SCHEDULE LEGEND

FLOORS
 CARPET
 C-1 HARBINGER, CIRCUITRY, #8912 ANDRE.
 VINYL COMPOSITION TILE
 VT-1 ARMSTRONG, IMPERIAL TEXTURE, #51915 CHARCOAL
 VT-2 ARMSTRONG, PREMIUM EXCELON, #52125 GRANITE GRAY
 VT-3 ARMSTRONG, PREMIUM EXCELON, #52128 DESERT DUST

CEILING
 SUSPENDED ACoustICAL ACT-1
 ACT-1 PERFORATED, 2' X 4' X 5/8"
 ACT-1 USG INTERIORS, INC., ACoustONE, FROST CEILING W/ SHADOWLINE EDGE, 2' X 2' X 3/4"

PORCELAIN CERAMIC TILE
 CT-1 INNOVATIVE CERAMICS, INC., EXCEED, #670 ROSA SIZE: 12" X 12"
 CT-2 INNOVATIVE CERAMICS, INC., EXCEED, #232 BERMUDA SAND SIZE: 12" X 12"
 CT-3 INNOVATIVE CERAMICS, INC., EXCEED, #899 BLACK SIZE: 12" X 12"
 CT-4 AMERICAN OLEAN, CERAMIC CLASSICS, C18 CHARIOT GRAY, SIZE: 2' X 2'

PAINTED GYPSUM BOARD
 P-1 SHERWIN-WILLIAMS SW1039 ZURICH WHITE

RUBBER STAIR TREADS
 R-1 JOHNSONITE, MEDIUM GRAY

ENTRY MAT
 EM-1 CONSTRUCTION SPECIALTIES, PEDIGRID, CARPET TREADS, BLACK.

AUTOGRAVE FLOORING
 AF-1 COLOR SHALL BE SELECTED BY ARCHITECT SEE NOTES.

VINYL BASE
 VB-1 ARMSTRONG, 4" VINYL COVE BASE, WARM GRAY #14122

PORCELAIN CERAMIC BASE
 CTB-1 INNOVATIVE CERAMICS, INC., EXCEED, #670 ROSA, 6" X 8" COVE BASE

WALLS
 GENERAL NOTES (NOT NOTED ON ROOM FINISH SCHEDULE)
 1. PAINT ALL HOLLOW METAL DOOR AND WINDOW TRIM P-4.
 2. PAINT ALL STAIR RISERS AND HANDRAILS P-4.

PAIN
 P-1 SHERWIN-WILLIAMS SW-1031 MODERN GRAY (SW-1294 CABERNET)
 P-2 SHERWIN-WILLIAMS SW-1030 SCHEFFER GRAY (SW-1491 SHAMMAL LACE)
 P-3 SHERWIN-WILLIAMS SW-1167 LEATHERLEAF SW-1167
 P-4 DEVCO 152C EBONY HUE
 P-5 SHERWIN-WILLIAMS SW-2235 MARON
 P-6 SHERWIN-WILLIAMS SW-1233 FRUSSION PLUM
 P-7 SHERWIN-WILLIAMS SW-1356 FOLKLORE GOLD
 P-8 SHERWIN-WILLIAMS SW1005 SILVERADO

SPECIAL COATINGS
 ZOLATONE
 Z-1 #43-1694

EPOXY PAINT
 EP-1 SHERWIN WILLIAMS SW-1031 MODERN GRAY

CERAMIC TILE WALLS
 CTW-1 AMERICAN OLEAN, D-15 DAWN GRAY, 2' X 2'
 CTW-2 AMERICAN OLEAN, D-11 GARDENIA, 2' X 2'

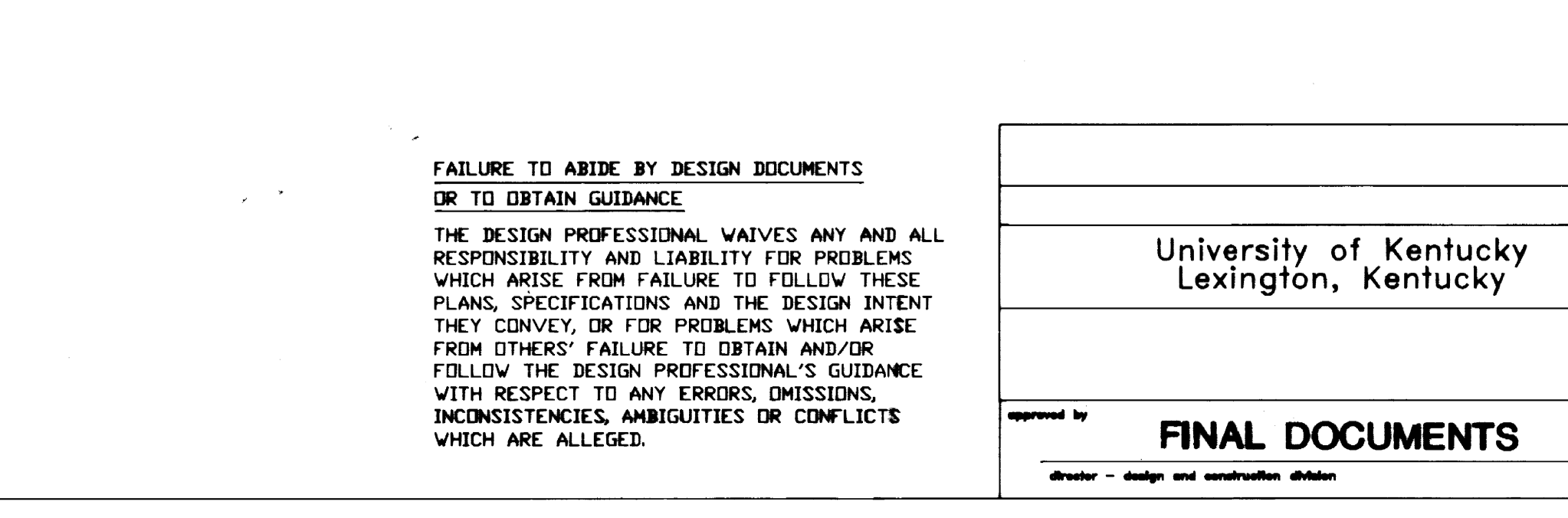
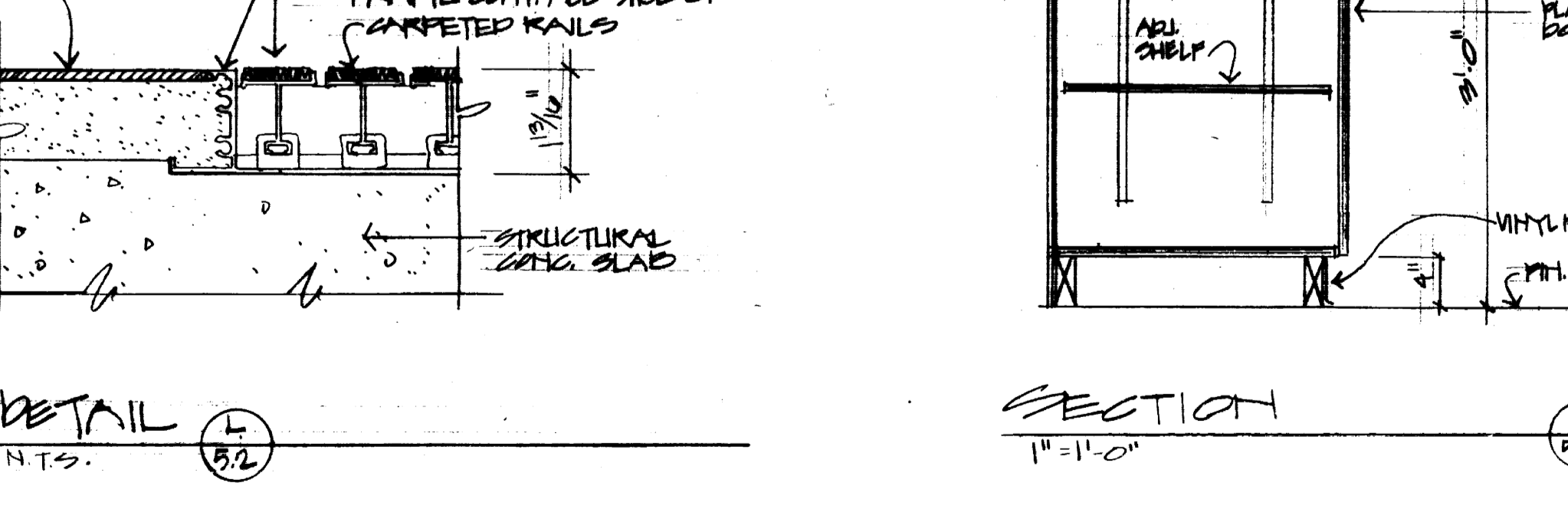
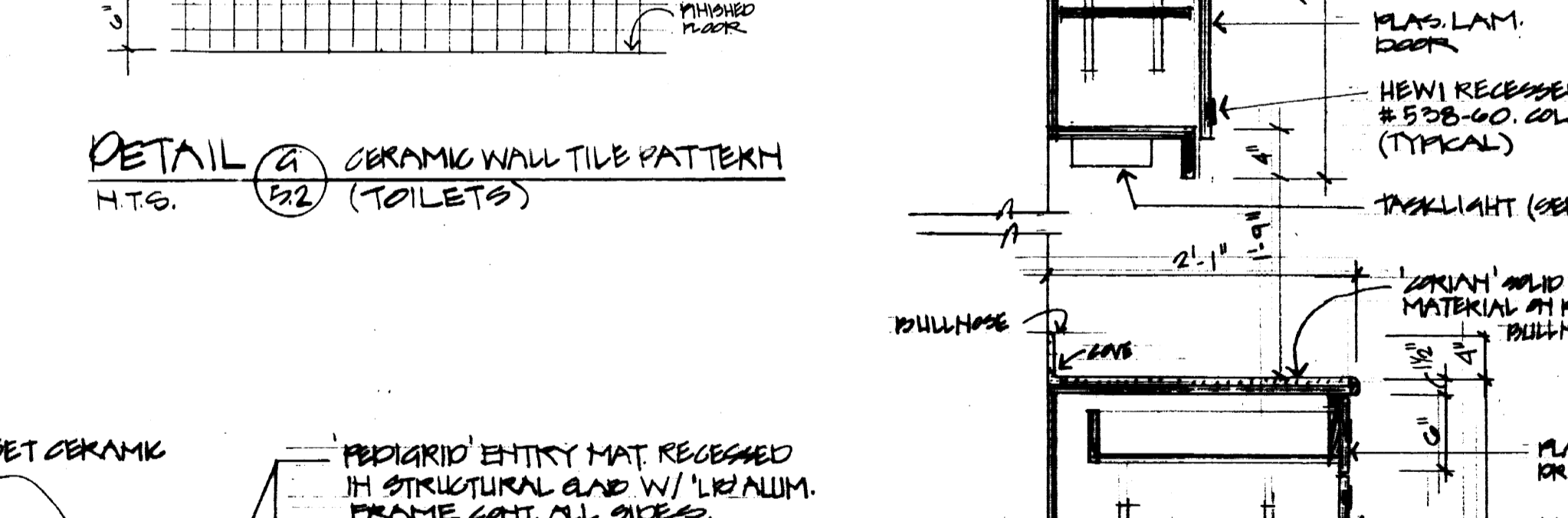
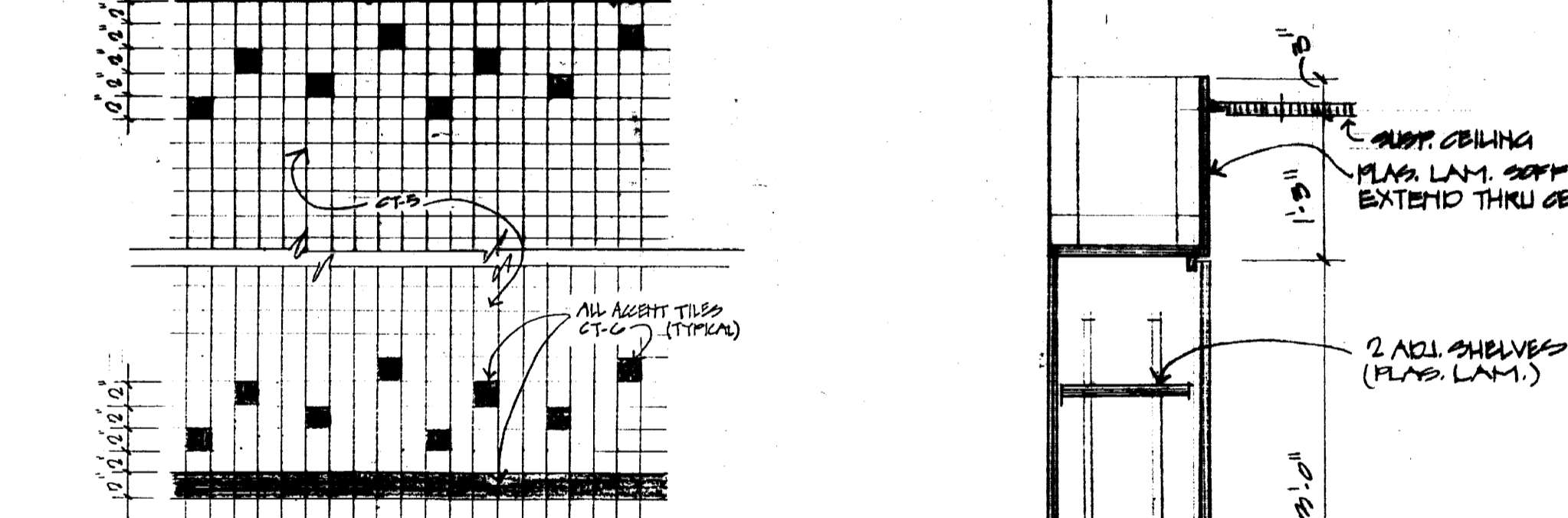
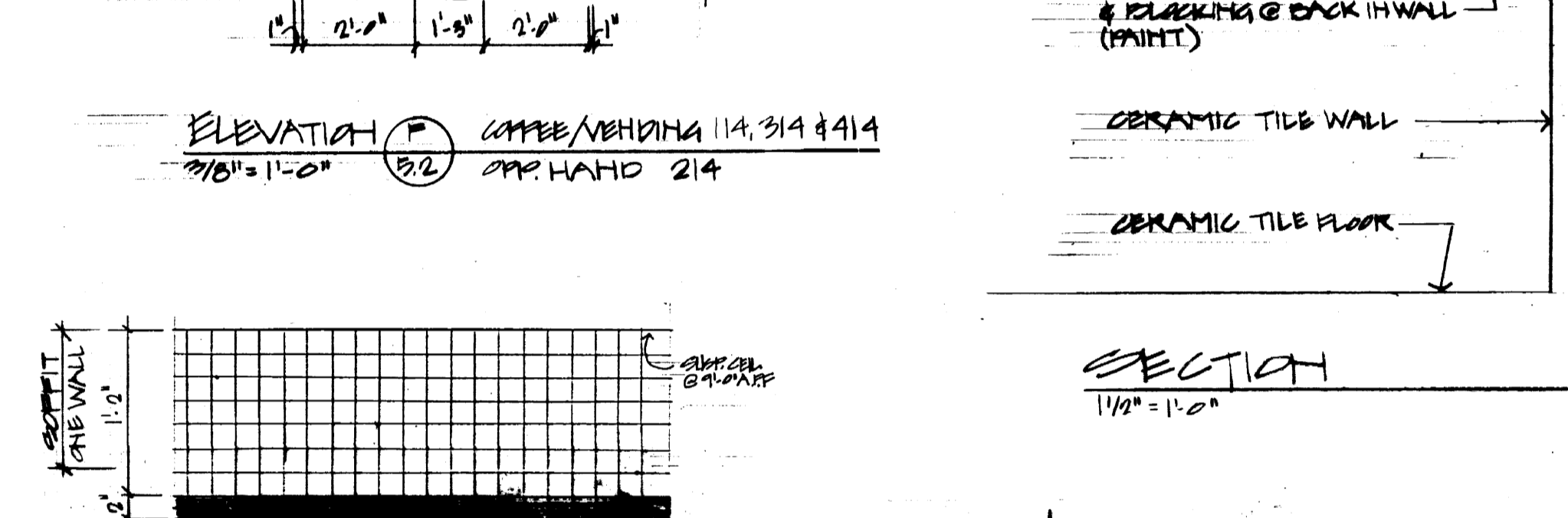
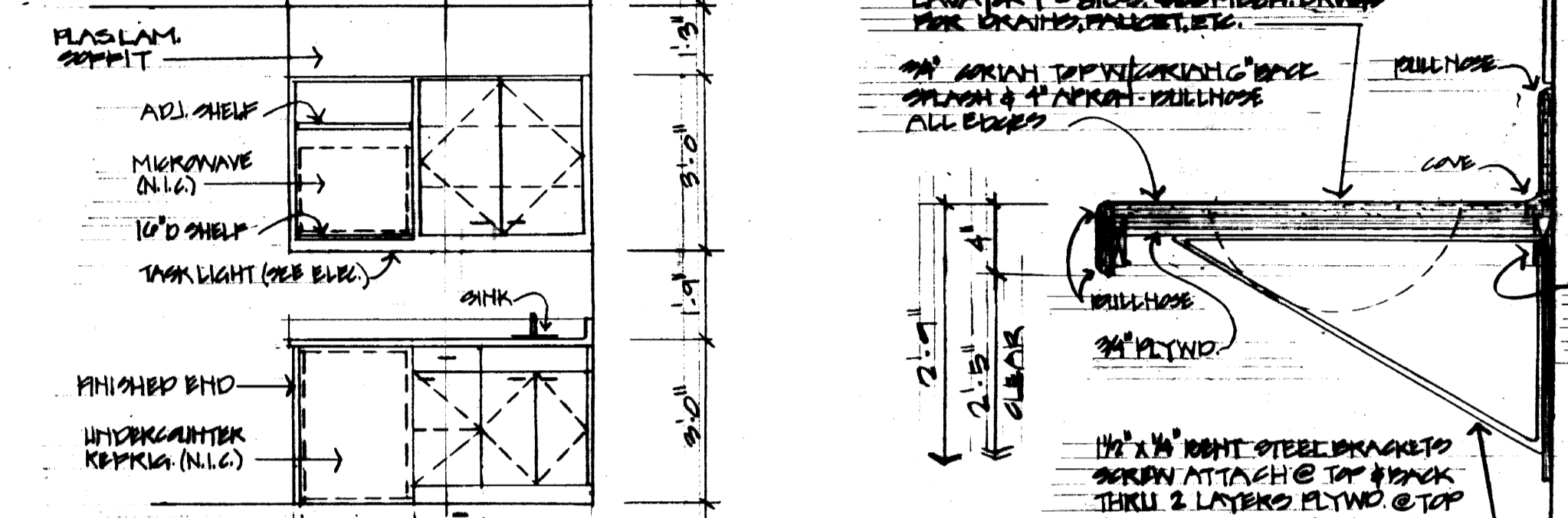
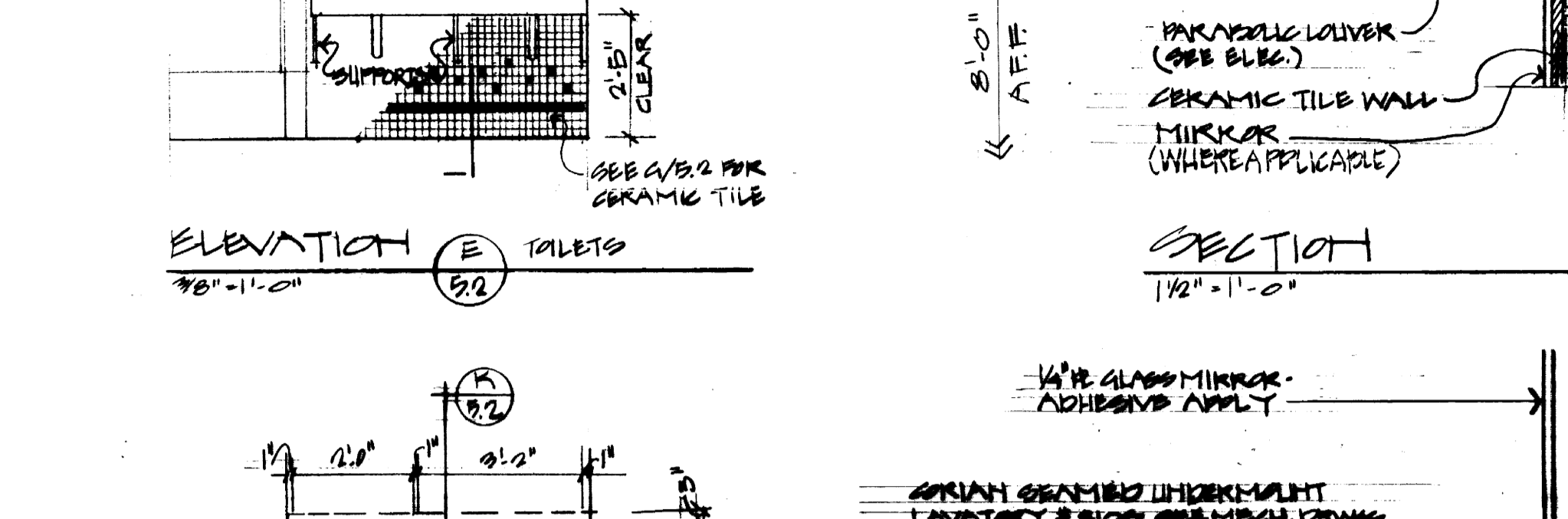
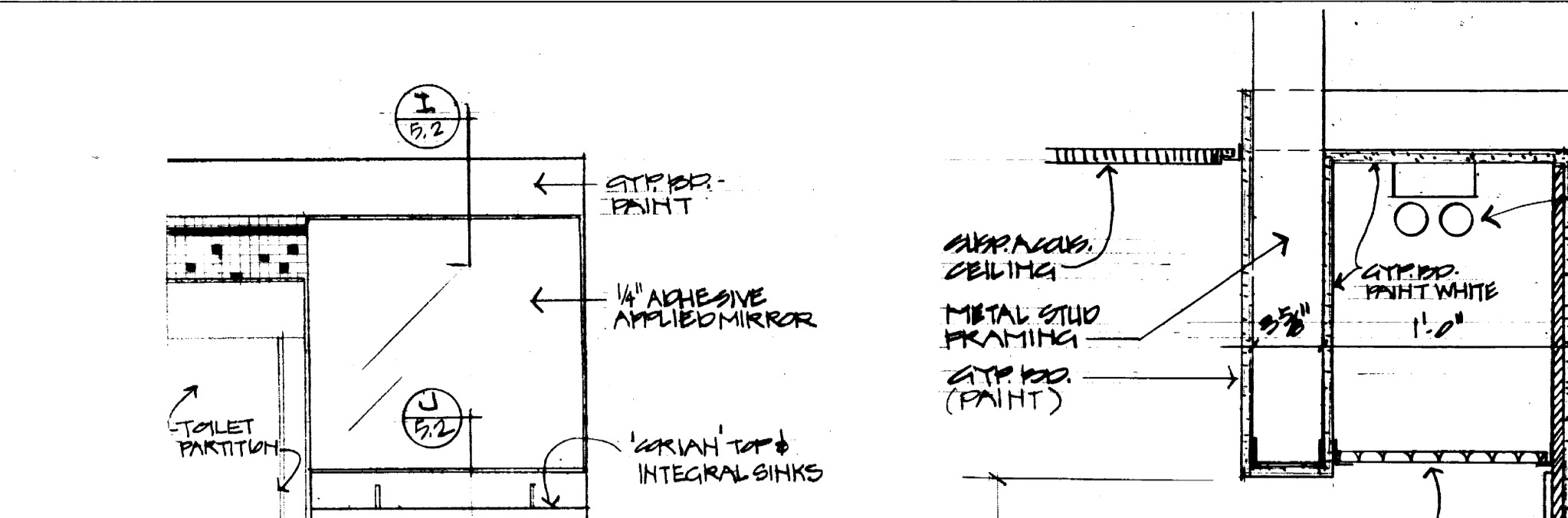
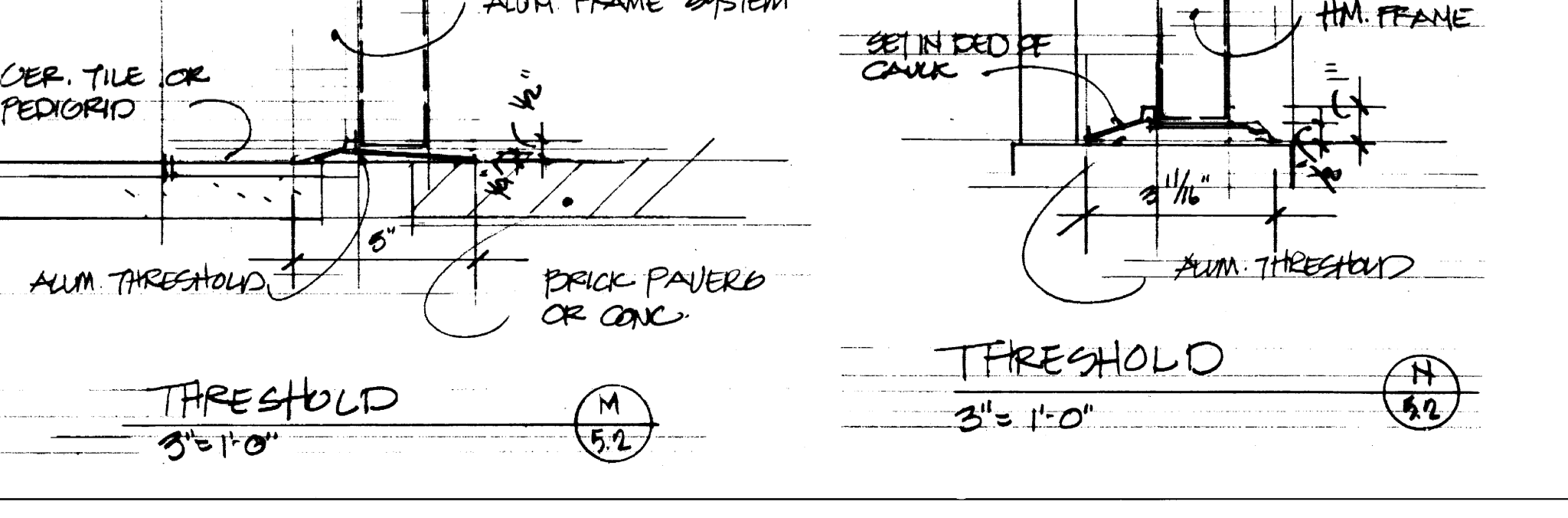
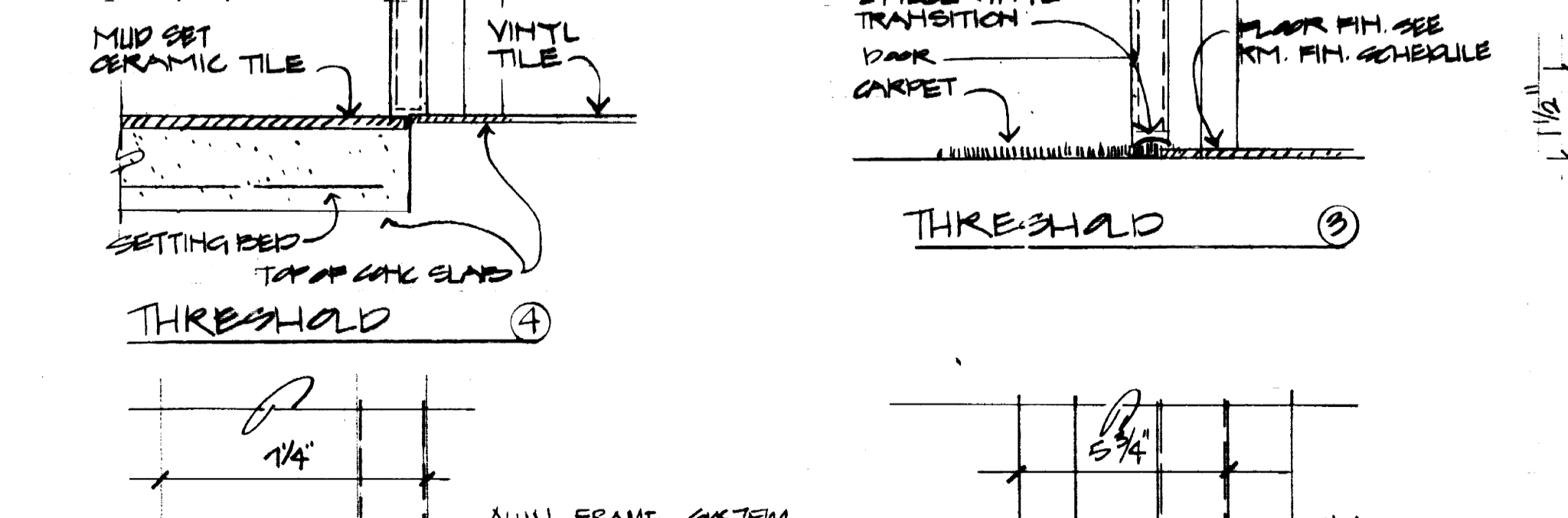
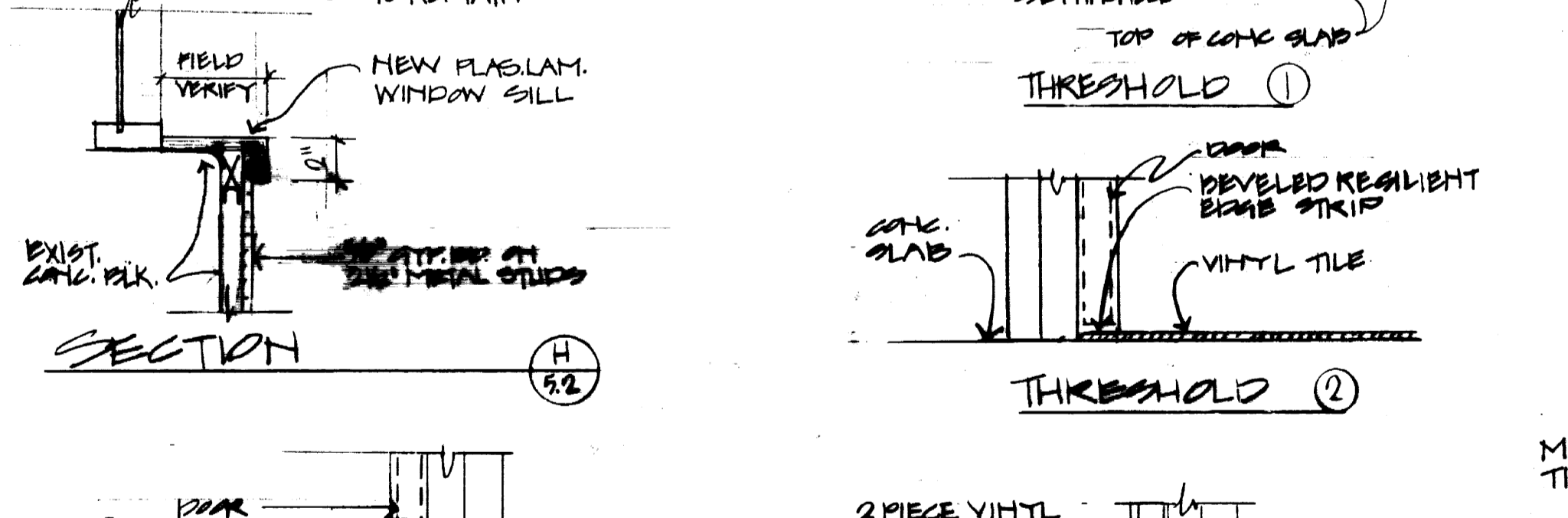
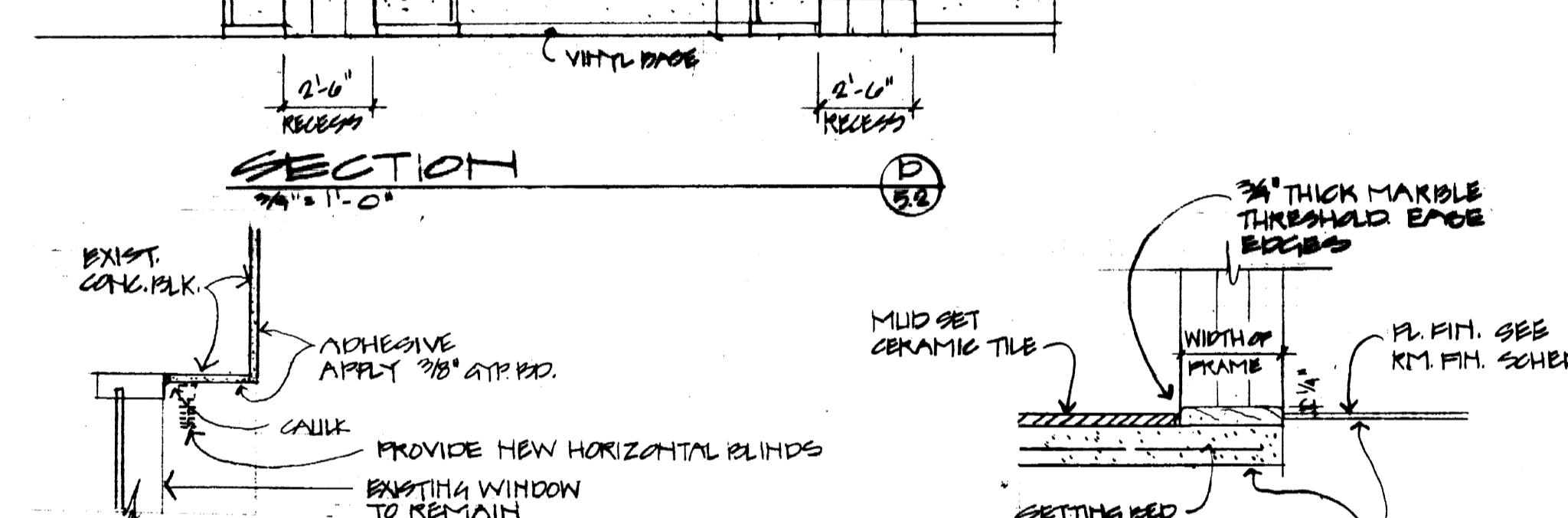
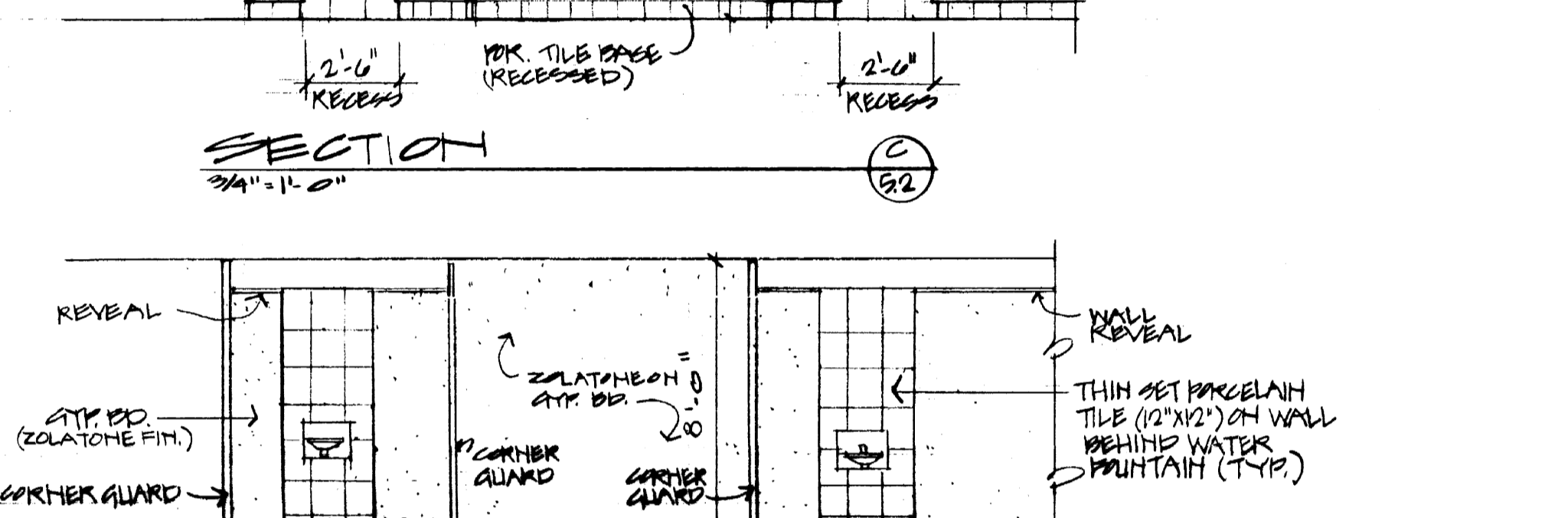
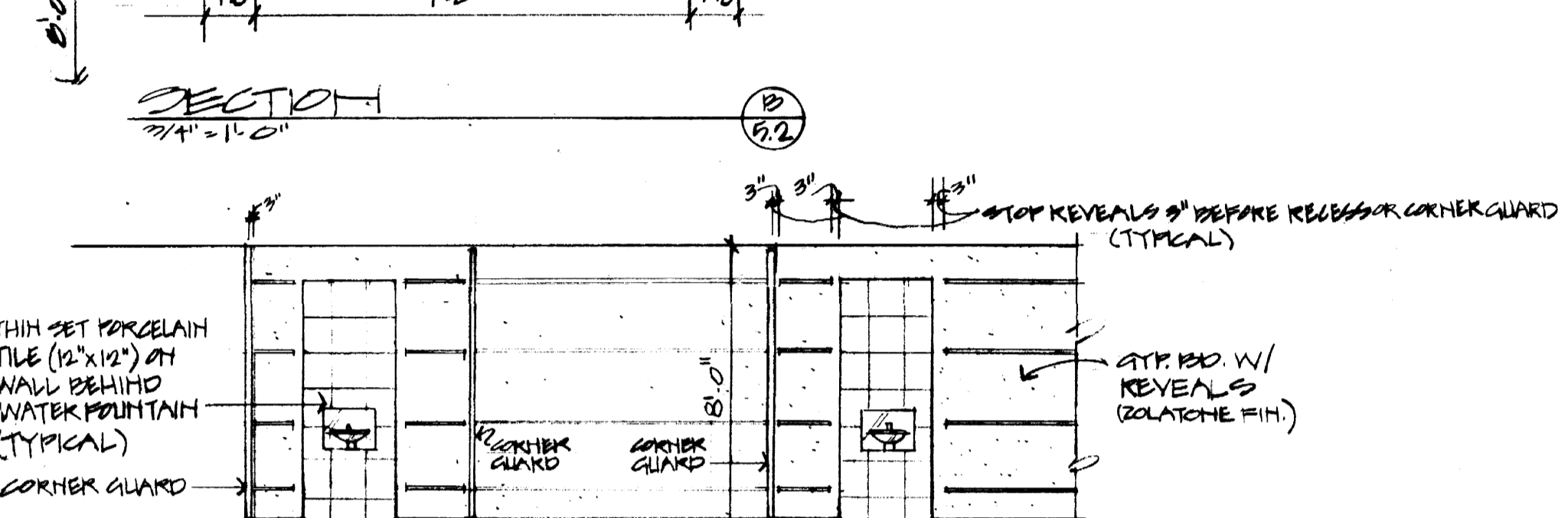
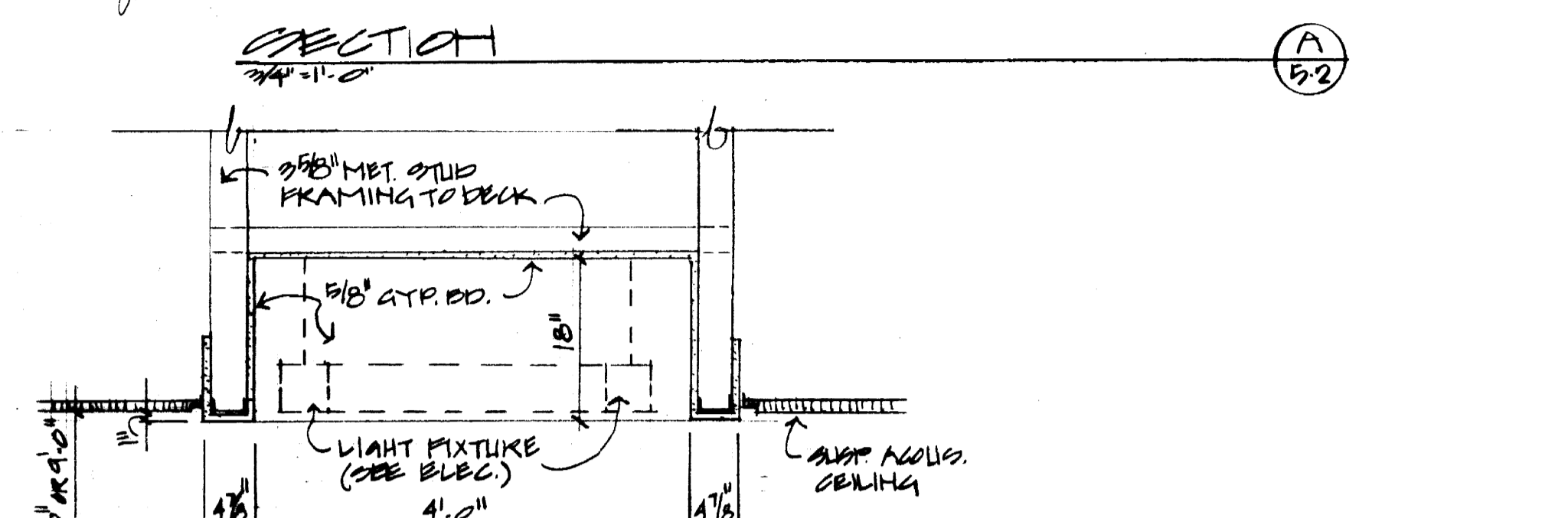
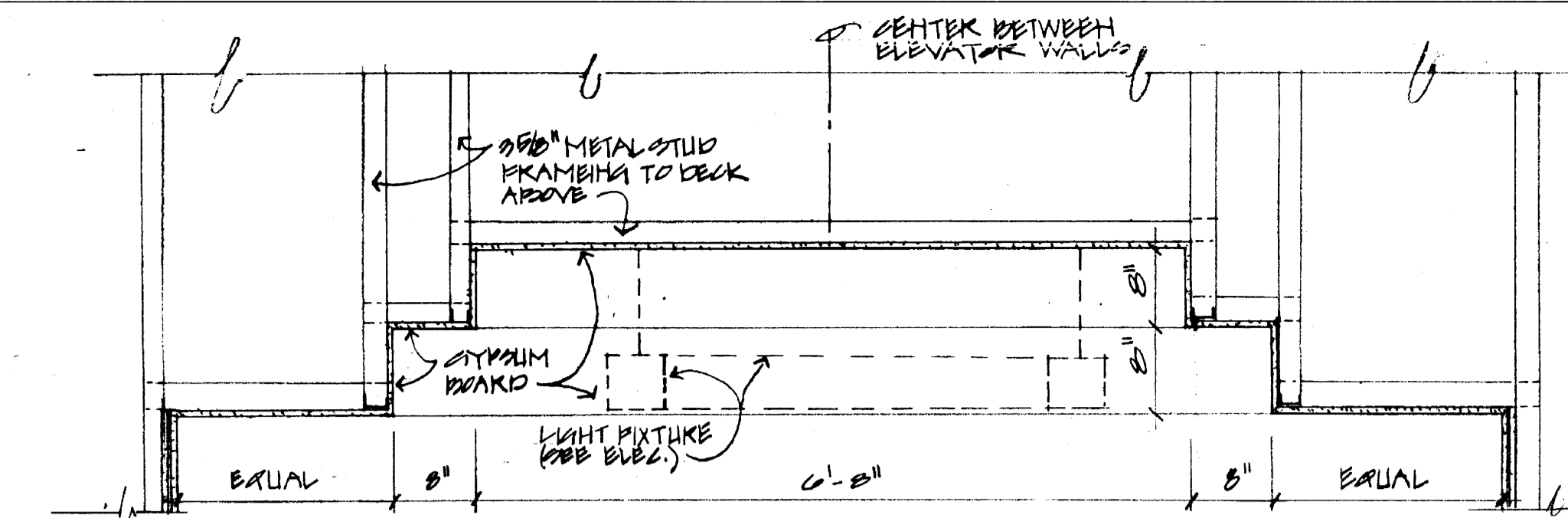
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University of Kentucky Lexington, Kentucky

FINAL DOCUMENTS

ROOM FINISH SCHEDULE

No	Room	Floor	Base	North Wall	East Wall	South Wall	West Wall	Ceiling	Remarks
401	INTERACTION	COMC	C-1	VT-1	VT-1	VT-1	VT-1	ACT-1	9-0
402	LAB EQUIP	VT-1	VT-1	VT-1	VT-1	VT-1	VT-1	ACT-2	9-0
403	ELC. RM.	SEALER	VT-1	P-1	P-1	P-1	P-1	CONC	9-0
404	CLERICAL	C-1	VT-1	P-2	P-2	P-2	P-2	CONC	9-0
410	GEN. OFF.	C-1	VT-1	P-2	P-2	P-2	P-2	CONC	9-0
411	JAN. CLOS.	SEALER	VT-1	P-1	P-1	P-1	P-1	CONC	9-0
413	PLB. CLOS.	SEALER	VT-1	P-1	P-1	P-1	P-1	CONC	9-0
414	COFF. VENT.	VT-1	VT-1	P-2	P-2	P-2	P-2	CONC	9-0
415	COMM. RM.	SEALER	VT-1	P-1	P-1	P-1	P-1	CONC	9-0
416	MEN'S	C-1	VT-1	P-2	P-2	P-2	P-2	CONC	9-0
418	WOMEN'S	C-1	VT-1	P-2	P-2	P-2	P-2	CONC	9-0
422	INTERACTION	C-1	VT-1	P-2	P-2	P-2	P-2	CONC	9-0
424	LAB SUITE	VT-1	VT-1	P-2	P-2	P-2	P-2	CONC	9-0
427	LAB SUITE	VT-1	VT-1	P-2	P-2	P-2	P-2	CONC	9-0
429	SHARED EQ.	VT-1	VT-1	P-2	P-2	P-2	P-2	CONC	9-0
432	INTERACTION	C-1	VT-1	P-2	P-2	P-2	P-2	CONC	9-0
434	LAB SUITE	COMC	VT-1	P-2	P-2	P-2	P-2	CONC	9-0
449	ATRIUM	COMC	VT-1	P-2	P-2	P-2	P-2	CONC	9-0
458	INTERACTION	COMC	C-1	VT-1	P-2	P-2	P-2	CONC	9-0
491	LAB SUITE	VT-1	VT-1	P-2	P-2	P-2	P-2	CONC	9-0
460	LAB SUITE	VT-1	VT-1	P-2	P-2	P-2	P-2	CONC	9-0
463	CAD RM.	VT-1	VT-1	P-2	P-2	P-2	P-2	CONC	9-0
400N	CORRIDOR	VT-1,2,3	VT-1	P-2	P-2	P-2	P-2	CONC	8-0
400S	CORRIDOR	VT-1,2,3	VT-1	P-2	P-2	P-2	P-2	CONC	9-0
400SH	CORRIDOR	VT-1,2,3	VT-1	P-2	P-2	P-2	P-2	CONC	8-0
400W	CORRIDOR	VT-1,2,3	VT-1	P-2	P-2	P-2	P-2	CONC	8-0
400SE	CORRIDOR	VT-1,2,3	VT-1	P-2	P-2	P-2	P-2	CONC	8-0
400E	CORRIDOR	VT-1,2,3	VT-1	P-2	P-2	P-2	P-2	CONC	9-0
400W	CORRIDOR	VT-1,2,3	VT-1	P-2	P-2	P-2	P-2	CONC	8-0
400H	CORRIDOR	VT-1,2,3	VT-1	P-2	P-2	P-2	P-2	CONC	8-0
	STAIR A1	VT	VT	P-2	P-2	P-2	P-2	VARIES	2
	STAIR A2	VT-1	VT-1	P-2	P-2	P-2	P-2	VARIES	1
	STAIR A3	COMC	VT-1	P-2	P-2	P-2	P-2	VARIES	1
	CONFERENCE	COMC	C-1	VT-1	P-2	P-2	P-2	VARIES	10(1)
	CONFERENCE	COMC	VT-1,2,3	VT-1	P-2	P-2	P-2	VARIES	10(1)
501	PENTHOUSE	COMC	VT-1	P-2	P-2	P-2	P-2	VARIES	10
501A	ELEV. BRUIP.	COMC	VT-1	P-2	P-2	P-2	P-2	VARIES	10-0
501B	ELEV. BRUIP.	COMC	VT-1	P-2	P-2	P-2	P-2	VARIES	11-0
501C	SHOWER	COMC	VT-1	P-2	P-2	P-2	P-2	VARIES	11-0
502	CORRIDOR	COMC	VT-1	P-2	P-2	P-2	P-2	VARIES	11-0
	STAIR A2	COMC	VT-1	P-2	P-2	P-2	P-2	VARIES	2
	STAIR A3	COMC	VT-1	P-2	P-2	P-2	P-2	VARIES	2
	CONFERENCE	COMC	VT-1	P-2	P-2	P-2	P-2	VARIES	10(1)



FAILURE TO ABIDE BY DESIGN DOCUMENTS OR TO OBTAIN GUIDANCE... THE DESIGN PROFESSIONAL WAIVES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT...

University of Kentucky	Lexington, Kentucky
FINAL DOCUMENTS	

THE UNIVERSITY OF KENTUCKY
 MEDICAL RESEARCH EXPANSION SPACE
 PROJECT NO. 747.0
 Lexington, Kentucky

CANNON
 ARCHITECTURE
 ENGINEERING
 INTERIOR DESIGN

Boston
 Buffalo
 New York
 St. Louis
 Washington

165 North Meramec, Suite 600
 St. Louis, Missouri
 314-862-5660

CMW
 CHRISMAN • MILLER
 • WOODFORD • INC.

ARCHITECTURE ENGINEERING
 PLANNING INTERIORS

326 South Broadway
 Lexington, Kentucky
 606-254-6623

RECORD DRAWINGS DATE August 1992

These record drawings have been prepared, in part, on the basis of information compiled and furnished by others. The Architect will not be responsible for any errors or omissions which have been incorporated into this document as a result.

CHRISMAN, MILLER, WOODFORD, INC.

Project North

Revision Date
 Issue Date DEC '92
 Drawing Title

ROOM FINISH SCHEDULE
 INTERIOR DETAILS
 PLASTIC LAMINATE DETAILS

Drawn by SH
 Checked by KVM, JB
 Project No. Scale N/A
 102249.0
 Drawing No.
 5.2

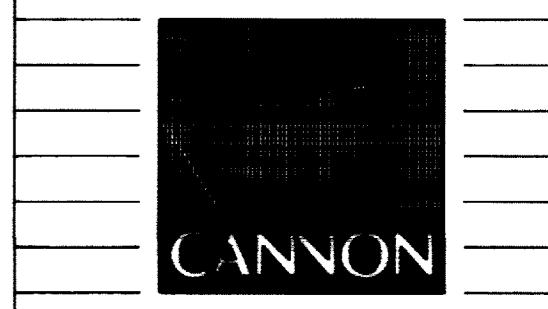
DOOR AND FRAME SCHEDULE

DOOR AND FRAME SCHEDULE

DOOR AND FRAME SCHEDULE

Main table containing door and frame schedule data with columns for Door No., Location, Door Opening Size, Frame, and Remarks.

THE UNIVERSITY OF KENTUCKY MEDICAL RESEARCH EXPANSION SPACE PROJECT NO. 747-0 Lexington, Kentucky



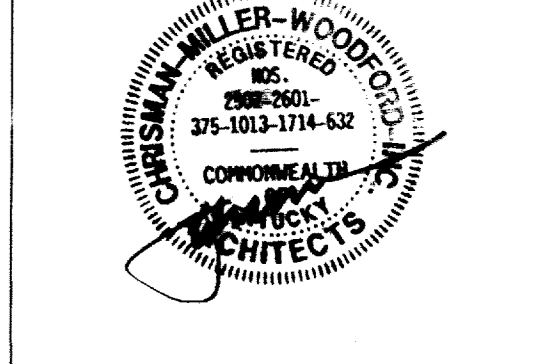
ARCHITECTURE ENGINEERING INTERIOR DESIGN

Boston Buffalo New York St. Louis Washington

165 North Meramec, Suite 600 St. Louis, Missouri 314-862-5660

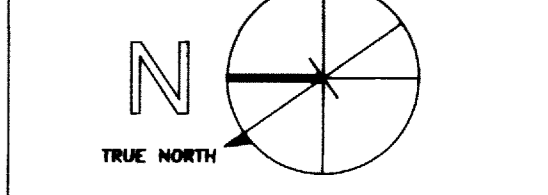
CMW CHRISMAN • MILLER • WOODFORD • INC.

ARCHITECTURE ENGINEERING PLANNING INTERIORS 326 South Broadway Lexington, Kentucky 606-254-6623



RECORD DRAWINGS DATE August 1995

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Project North

Revision table with columns for Date, Issue Date, and Drawing Title.

Prepared by: KVM, JLB

Checked by: KVM, JLB

Project No. Scale 40240.01

Drawing No. 5.3

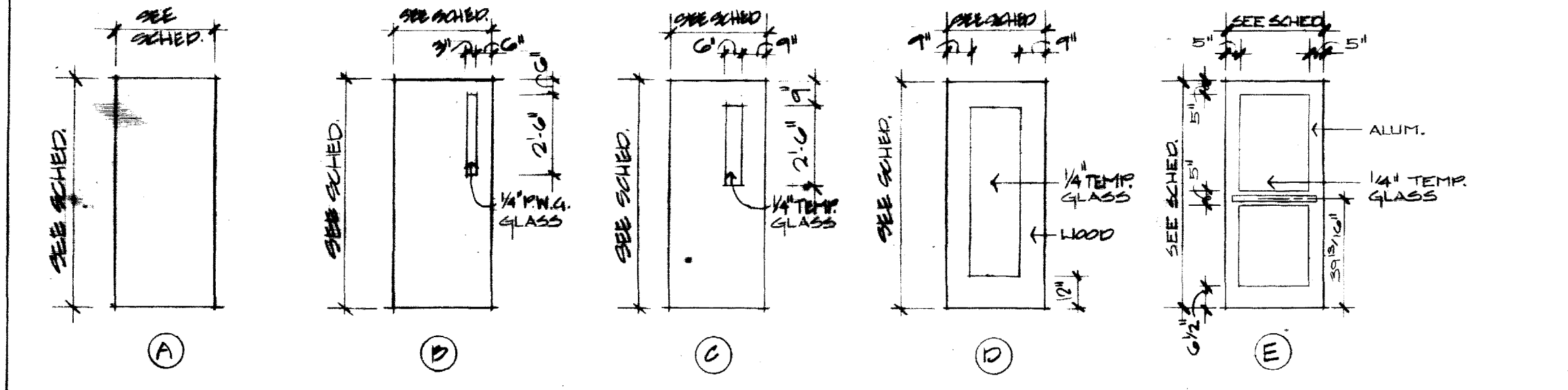
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University of Kentucky Lexington, Kentucky FINAL DOCUMENTS

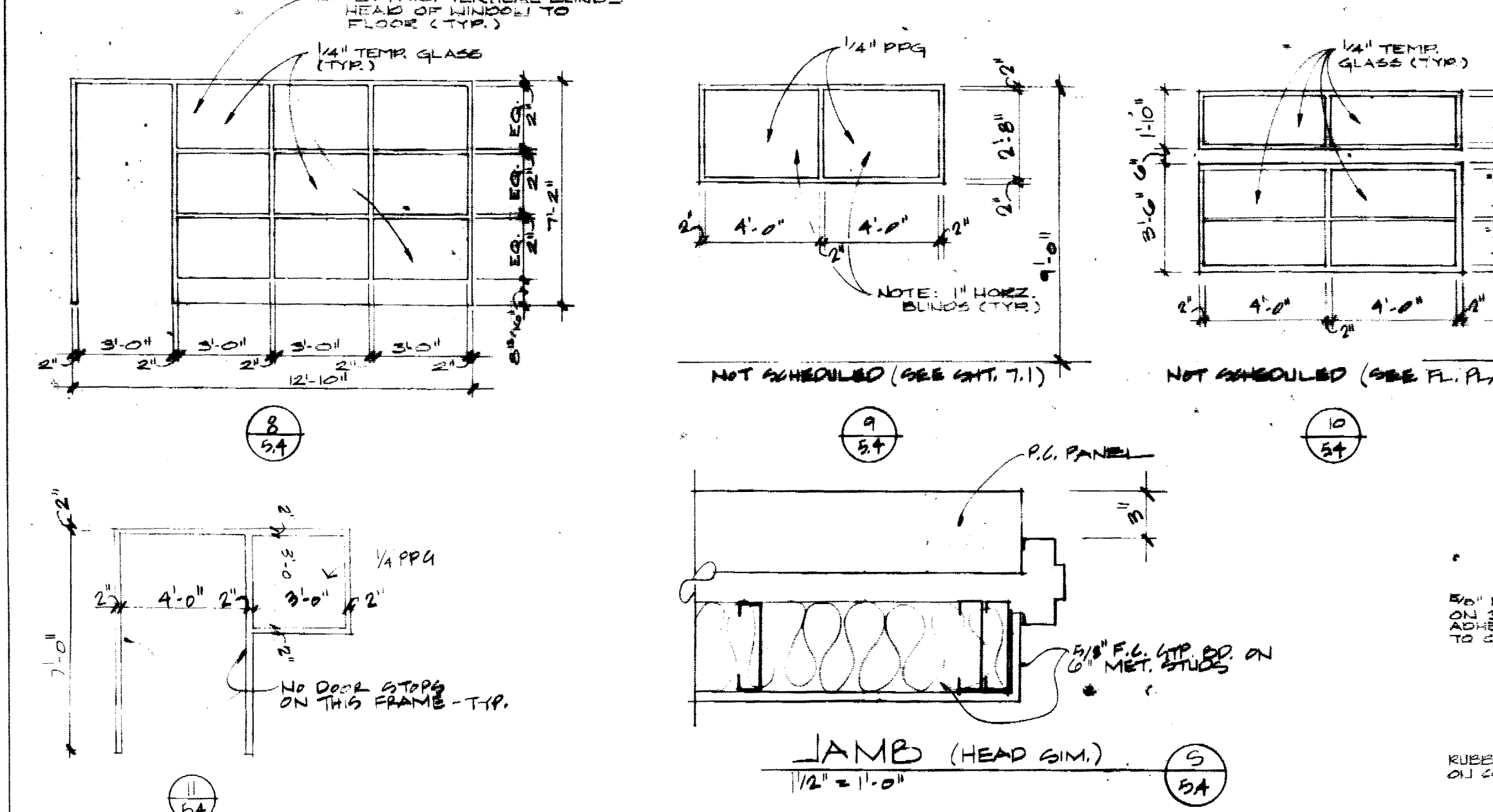
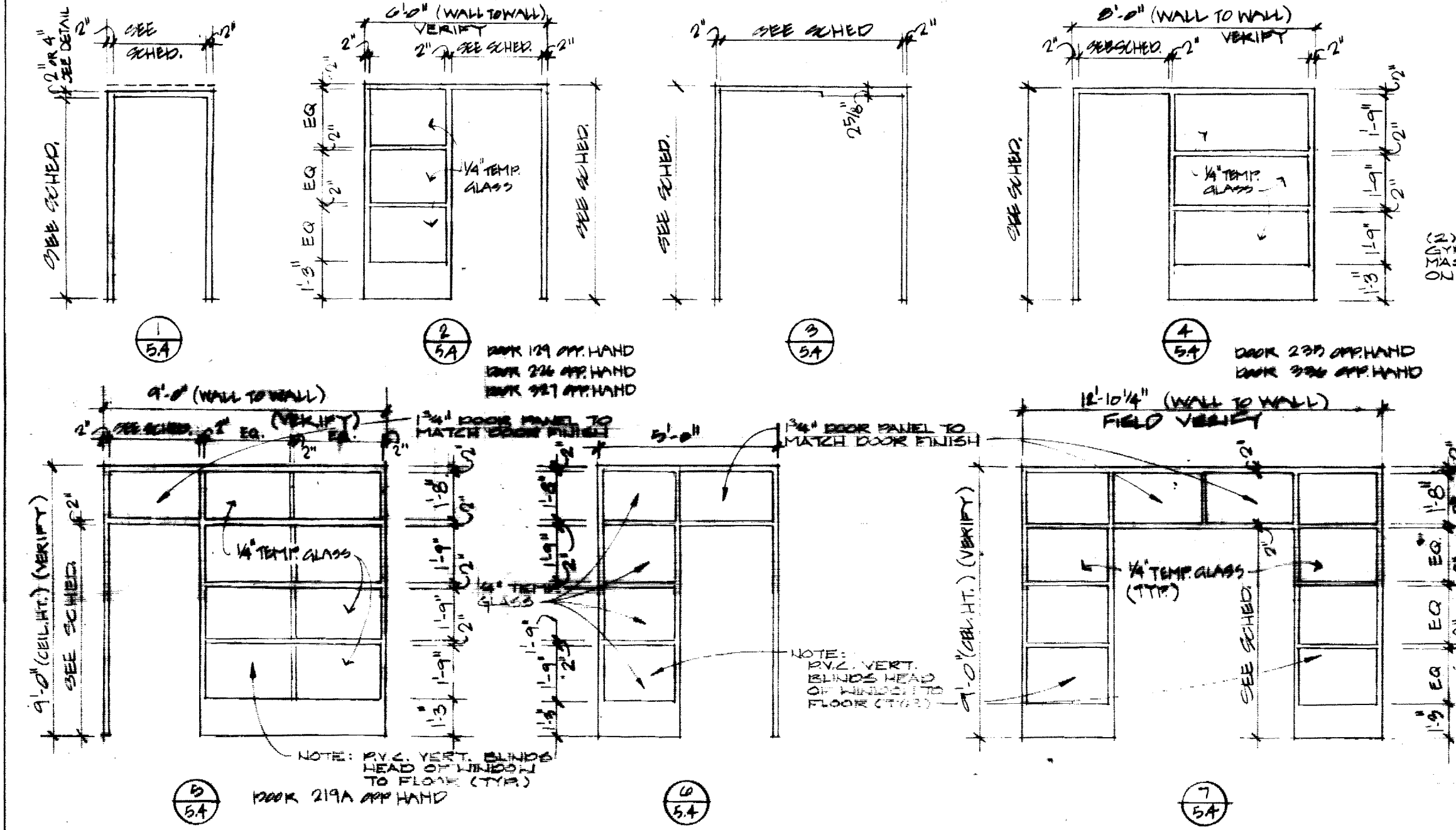
DOOR AND FRAME SCHEDULE

Door No.	Location	Door Opening Size			Frame										Remarks							
		No.	Width	Height	Matt.	Gl.	Elev.	Head	Jamb	Glazing	Wall	Matt.	Gl.	Elev.		Glazing	Lab.	Id.	Op.	Thr.		
P01	COL. M500NE	CPKR 502	1	8'-0"	7'-0"	134	HMT	16	1	7 1/8"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	1 1/2"HR
P02	ROOF	STAIR A2	1	8'-0"	7'-0"	134	HMT	16	1	7 1/8"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	1 1/2"HR
P03	ROOF	PENTHOUSE 501	1	8'-0"	7'-0"	134	HMT	16	1	7 1/8"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	1 1/2"HR
P04	ROOF	PENTHOUSE 501	1	8'-0"	7'-0"	134	HMT	16	1	7 1/8"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	1 1/2"HR
P05	ROOF	PENTHOUSE 501	1	8'-0"	7'-0"	134	HMT	16	1	7 1/8"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	1 1/2"HR
P06	PENTHOUSE 501	STAIR A3	1	8'-0"	7'-0"	134	HMT	16	1	7 1/8"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	1 1/2"HR
P07	PENTHOUSE 501	ROOF 502	1	8'-0"	7'-0"	134	HMT	16	1	7 1/8"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	1 1/2"HR
P08	PENTHOUSE 501	ELEV. EG 501A	1	8'-0"	7'-0"	134	HMT	16	1	7 1/8"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	1 1/2"HR
P09	PENTHOUSE 501	ELEV. EG 501 B	1	8'-0"	7'-0"	134	HMT	16	1	7 1/8"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	1 1/2"HR

DOOR ELEVATIONS



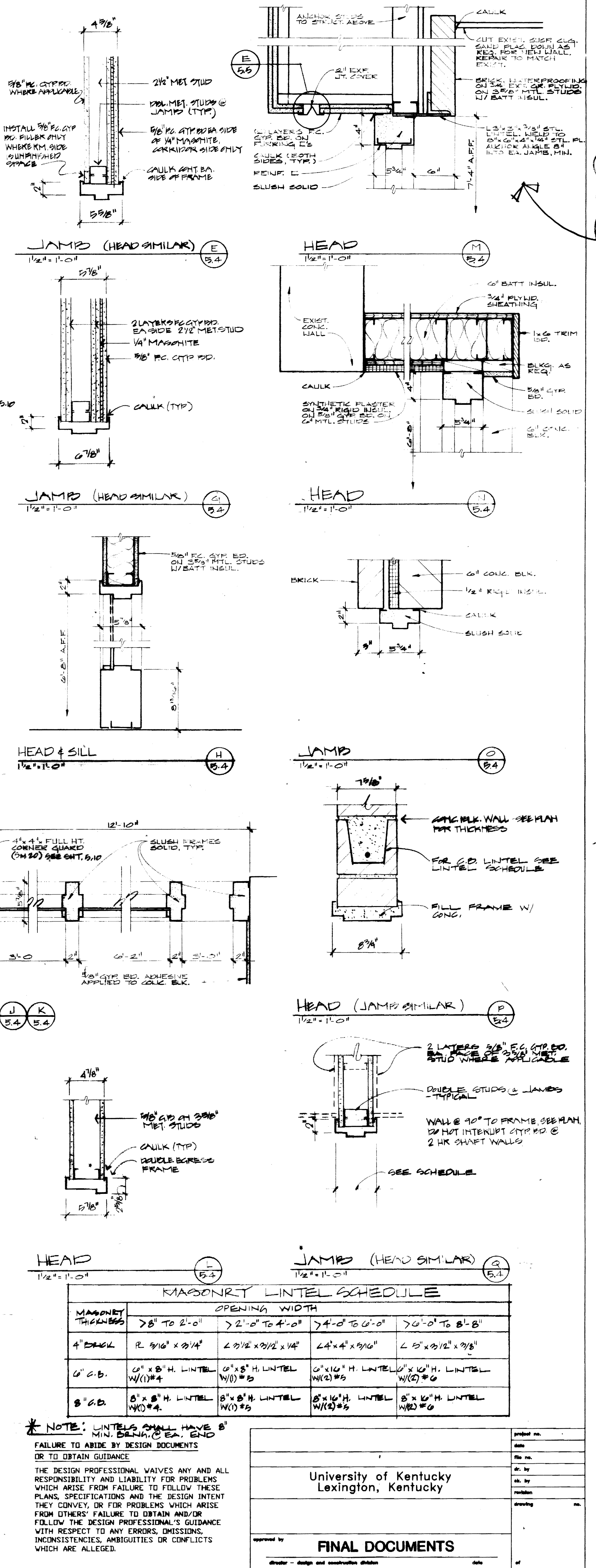
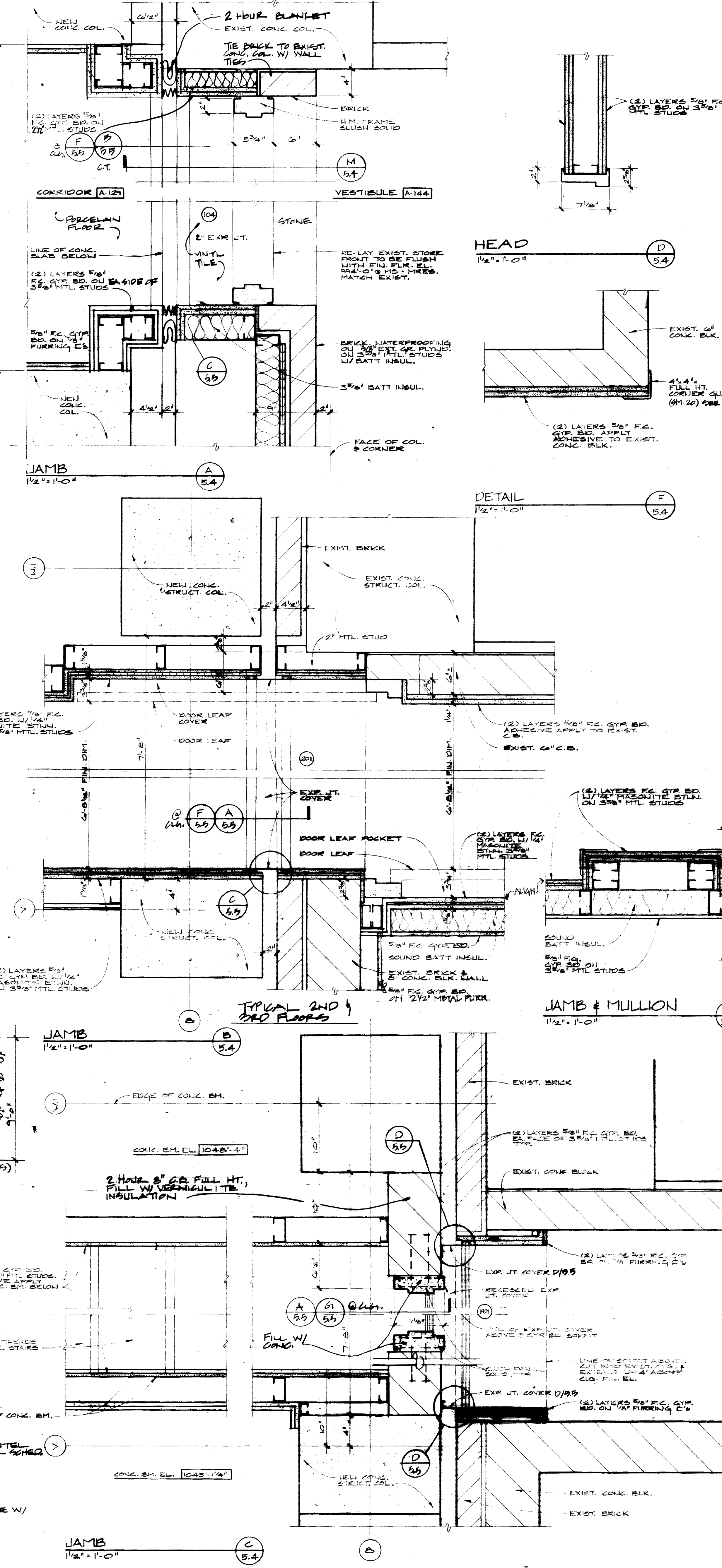
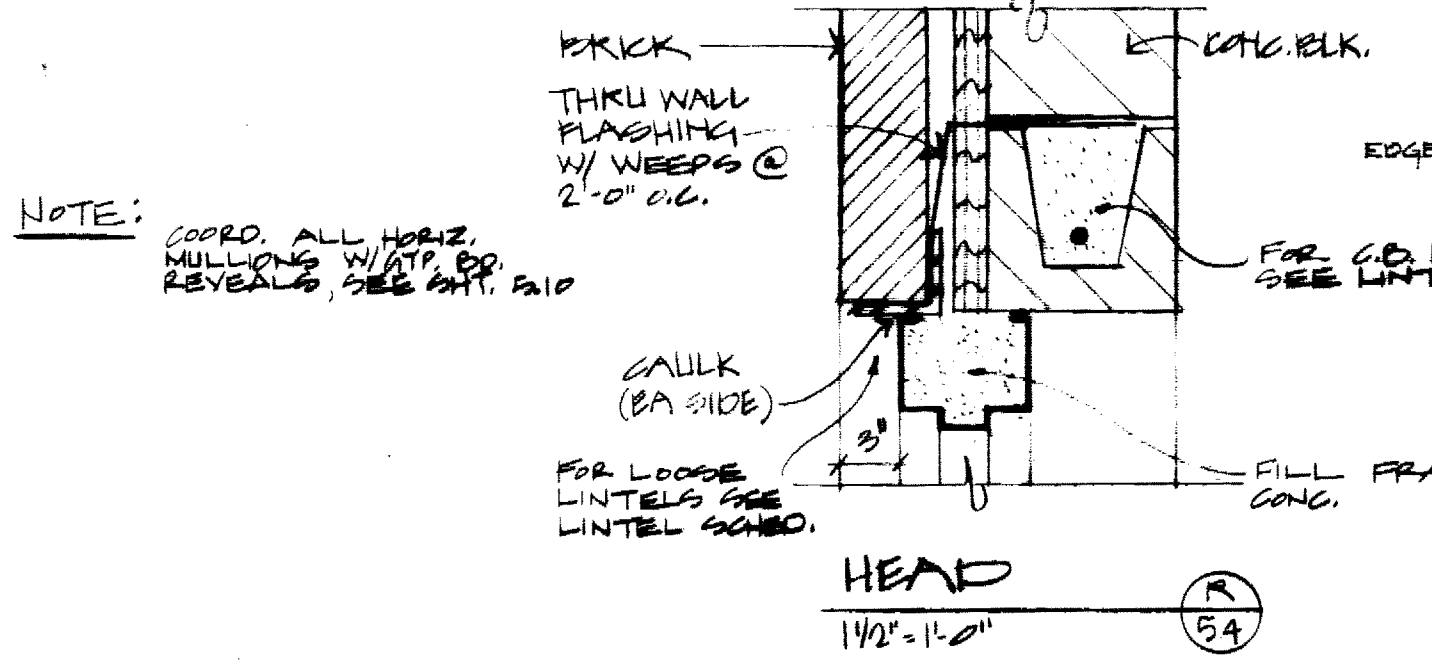
HOLLOW METAL FRAME ELEVATIONS



DOOR SCHEDULE REMARKS

- VINYL DOOR PROTECTION TO 4'-0" AP W/ 1/2" BRASS BRUSH PROTECTION GLASS & SCREEN ATTACH. SEE SPECS. SEE 2/9/10.

NOTE: COORD. ALL HORIZ. MULLIONS WITH BRUSHING REVEALS. SEE SHT. 510



MASONRY LINTEL SCHEDULE

MASONRY THICKNESS	OPENING WIDTH	LINTEL TYPE	DEPTH	HEIGHT
4" BRICK	> 8'-0" TO 2'-0"	R 9/16" x 9/16"	2 1/2"	4 1/2"
4" C.B.	> 2'-0" TO 4'-0"	L 9/16" x 9/16" x 1/4"	2 1/2"	4 1/2"
4" C.B.	> 4'-0" TO 6'-0"	L 1/2" x 9/16"	2 1/2"	4 1/2"
4" C.B.	> 6'-0" TO 8'-0"	L 5/8" x 9/16" x 1/4"	2 1/2"	4 1/2"
6" C.B.	6" x 8" H. LINTEL	W(1) #5	6"	6"
6" C.B.	8" x 8" H. LINTEL	W(1) #5	6"	6"
6" C.B.	8" x 10" H. LINTEL	W(1) #5	6"	6"
6" C.B.	8" x 12" H. LINTEL	W(1) #5	6"	6"

NOTE: LINTELS SHALL HAVE 8" MIN. BENCH, C.E.A. END FAILURE TO ABIDE BY DESIGN DOCUMENTS OR TO OBTAIN GUIDANCE THE DESIGN PROFESSIONAL WAIVES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR FOR PROBLEMS WHICH ARISE FROM OTHERS' FAILURE TO OBTAIN AND/OR FOLLOW THE DESIGN PROFESSIONAL'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.

THE UNIVERSITY OF KENTUCKY
 MEDICAL RESEARCH EXPANSION SPACE
 PROJECT NO 7410
 Lexington, Kentucky

ARCHITECTURE ENGINEERING INTERIOR DESIGN

Boston
 Buffalo
 New York
 St. Louis
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165 North Meramec, Suite 600
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 314-862-5660

CMW
 CHRISMAN • MILLER • WOODFORD • INC.

ARCHITECTURE ENGINEERING PLANNING INTERIORS

326 South Broadway
 Lexington, Kentucky
 606-254-6623

RECORD DRAWINGS DATE August 1998

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CHRISMAN, MILLER, WOODFORD, INC.

N
 TRUE NORTH
 Project North

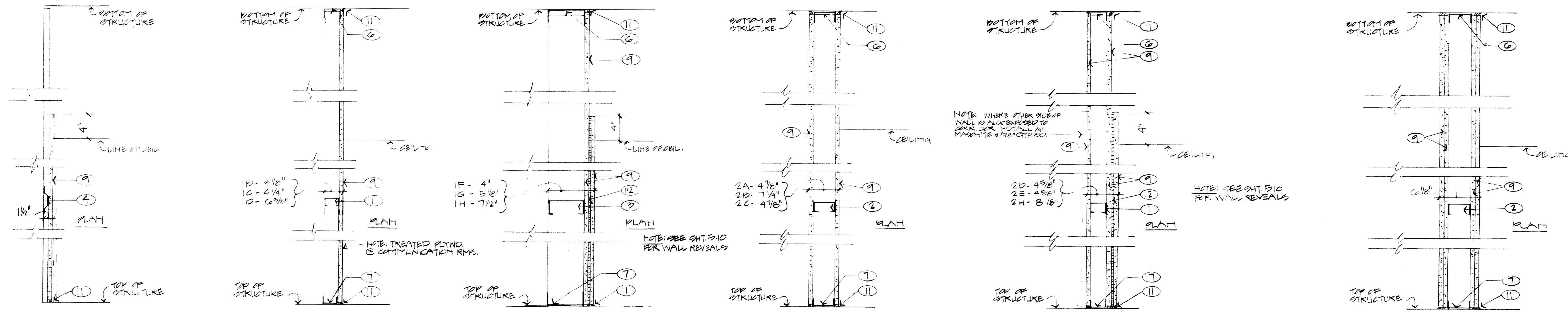
Revision Date Nov. 92
 Issue Date Dec. 1992
 Drawing Title

DOOR & FRAME SCHEDULE
 DOOR & FRAME ELEVATIONS
 DOOR & FRAME DETAILS
 LINTEL SCHED

Drawn by BW, SN
 Checked by KYLM JFS

Project No. Scale 1/4" = 1'-0"
 10240.01
 Drawing No.

5.4



NOTE: WHEN OTHER SIDE OF WALL IS EXPOSED TO AIR OR VENTILATED MECHANICAL SYSTEMS, PARTITION TYPE 1A, 1B, 1C, 1D, 1E, 1F, 1G, 1H, 1I, 1J, 1K, 1L, 1M, 1N, 1O, 1P, 1Q, 1R, 1S, 1T, 1U, 1V, 1W, 1X, 1Y, 1Z, 2A, 2B, 2C, 2D, 2E, 2F, 2G, 2H, 2I, 2J, 2K, 2L, 2M, 2N, 2O, 2P, 2Q, 2R, 2S, 2T, 2U, 2V, 2W, 2X, 2Y, 2Z, 3A, 3B, 3C, 3D, 3E, 3F, 3G, 3H, 3I, 3J, 3K, 3L, 3M, 3N, 3O, 3P, 3Q, 3R, 3S, 3T, 3U, 3V, 3W, 3X, 3Y, 3Z, 4A, 4B, 4C, 4D, 4E, 4F, 4G, 4H, 4I, 4J, 4K, 4L, 4M, 4N, 4O, 4P, 4Q, 4R, 4S, 4T, 4U, 4V, 4W, 4X, 4Y, 4Z, 5A, 5B, 5C, 5D, 5E, 5F, 5G, 5H, 5I, 5J, 5K, 5L, 5M, 5N, 5O, 5P, 5Q, 5R, 5S, 5T, 5U, 5V, 5W, 5X, 5Y, 5Z, 6A, 6B, 6C, 6D, 6E, 6F, 6G, 6H, 6I, 6J, 6K, 6L, 6M, 6N, 6O, 6P, 6Q, 6R, 6S, 6T, 6U, 6V, 6W, 6X, 6Y, 6Z, 7A, 7B, 7C, 7D, 7E, 7F, 7G, 7H, 7I, 7J, 7K, 7L, 7M, 7N, 7O, 7P, 7Q, 7R, 7S, 7T, 7U, 7V, 7W, 7X, 7Y, 7Z, 8A, 8B, 8C, 8D, 8E, 8F, 8G, 8H, 8I, 8J, 8K, 8L, 8M, 8N, 8O, 8P, 8Q, 8R, 8S, 8T, 8U, 8V, 8W, 8X, 8Y, 8Z, 9A, 9B, 9C, 9D, 9E, 9F, 9G, 9H, 9I, 9J, 9K, 9L, 9M, 9N, 9O, 9P, 9Q, 9R, 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ARCHITECTURE ENGINEERING INTERIOR DESIGN

Boston
Buffalo
New York
St. Louis
Washington

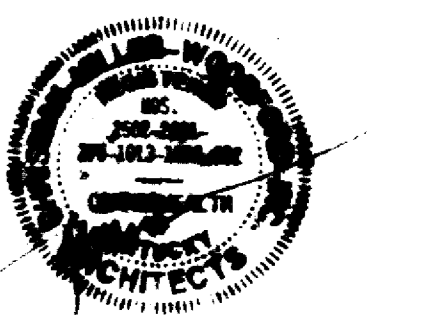
165 North Meramec, Suite 600
St. Louis, Missouri
314-862-5660



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ARCHITECTURE ENGINEERING PLANNING INTERIORS

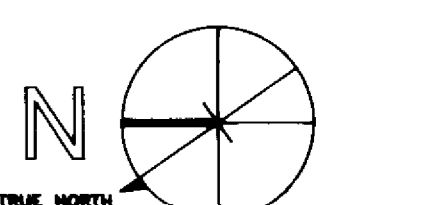
326 South Broadway
Lexington, Kentucky
606-254-6623



RECORD DRAWINGS DATE AUGUST 1995

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Project North

Revision	Date
Issue	DEC. 1992

Drawing Title

ENLARGED PLANS & DETAILS

Drawn by RW

Checked by KVL M JB

Project No. Scale

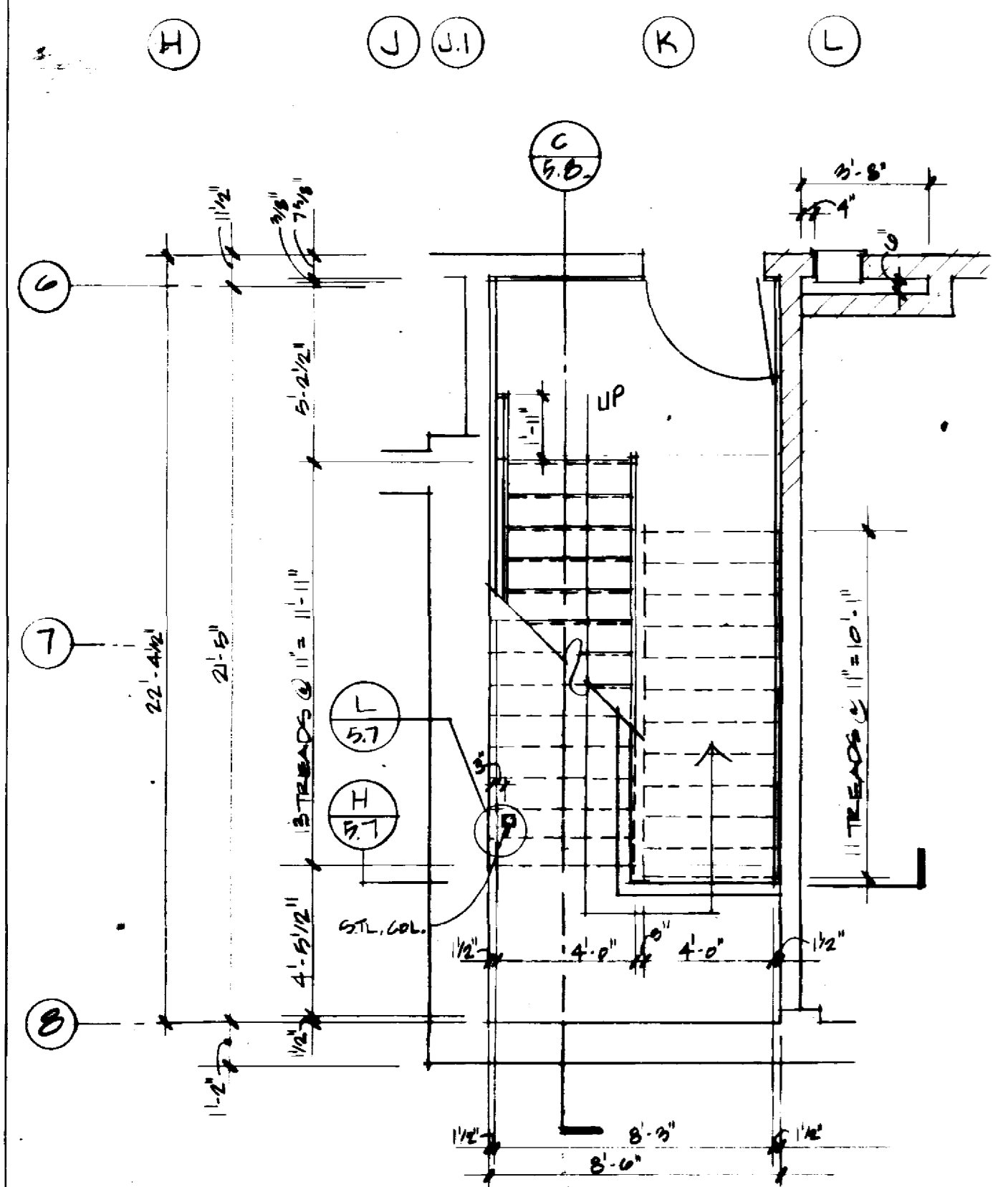
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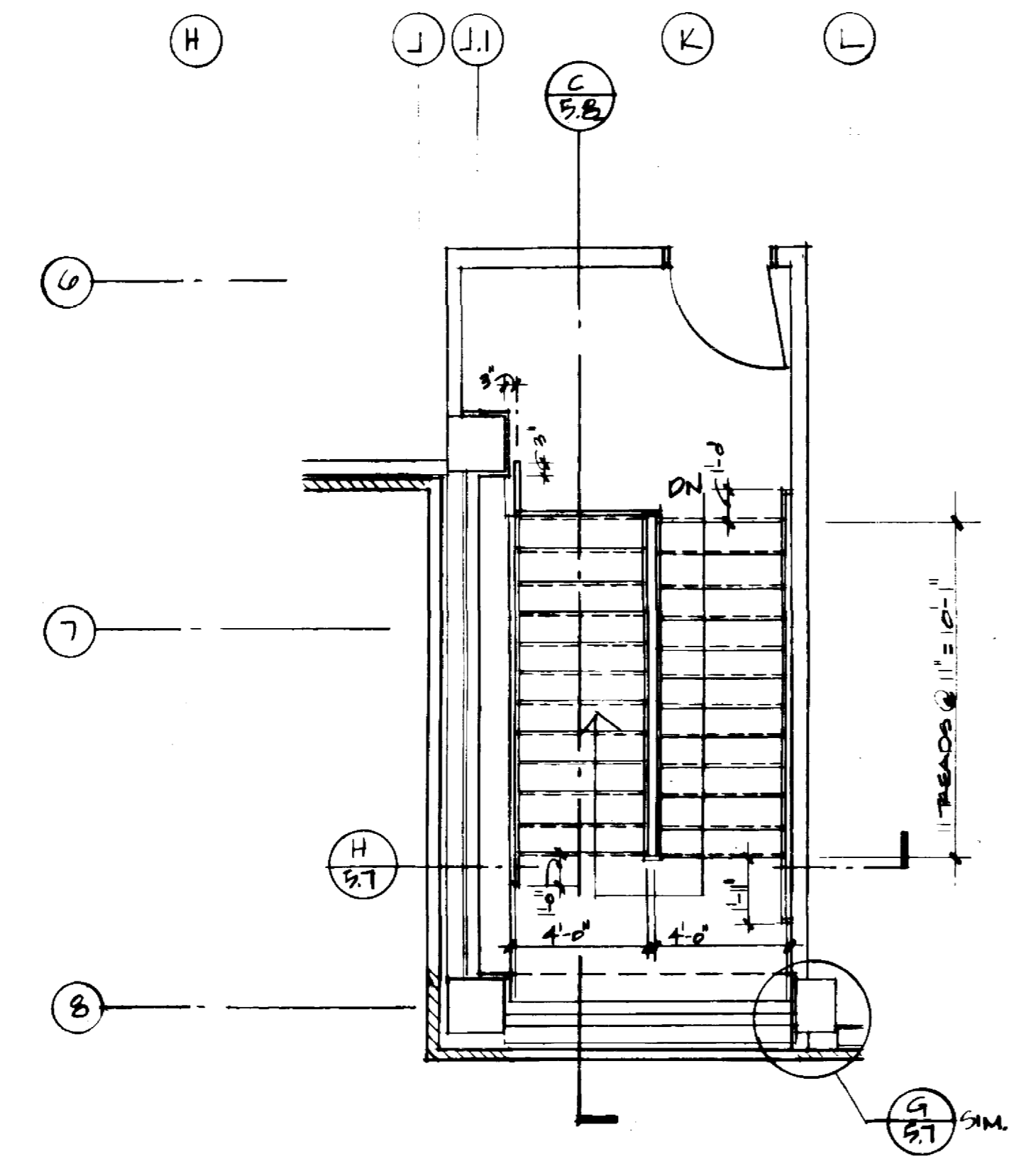
TOILET ACCESSORIES (BOBBICK MANUFACTURER, FOR DESIGN STANDARDS ONLY)

- 1 B-6206 X 42" HORIZONTAL GRAB BAR WITH PEENED GRIP. SATIN STAINLESS STEEL. MOUNT 33"-36" TO CENTER A.F.F.
- 2 B-6206 X 36" HORIZONTAL GRAB BAR WITH PEENED GRIP. SATIN STAINLESS STEEL. MOUNT 33"-36" TO CENTER A.F.F.
- 3 B-6867 TOILET PAPER HOLDER FOR TWO ROLLS. SATIN STAINLESS STEEL. MOUNT 19" TO CENTER A.F.F.
- 4 B-211 HEAVY DUTY ROPE HOOK. MOUNT @ 5'-0" A.F.F.
- 5 B-3803 PAPER TOWEL DISPENSER AND COVERED WASTE RECEPTACLE. WITH REMOVABLE 5.3 GALLON PLASTIC WASTE CONTAINER. SATIN STAINLESS STEEL. MOUNT 60 3/4" A.F.F.
- 6 B-354 PARTITION MOUNTED SANITARY NAPKIN DISPOSAL FOR TWO COMPARTMENTS. SATIN STAINLESS STEEL. MOUNT 34" TO TOP OF UNIT A.F.F.
- 7 B-3544 SANITARY NAPKIN DISPOSAL FOR SIDE WALL AT END OF TOILET COMPARTMENT. MOUNT 34" TO TOP OF UNIT A.F.F.
- 8 B-209 STAINLESS STEEL SHELF W/ MOP & BROOM HOLDER. 44" LONG W/ 4 HOLDERS. MOUNT 5'-0" A.F.F.
- 9 B-202 SURFACE MOUNT PAPER TOWEL DISPENSER
- 10 B-207 HEAVY DUTY SHOWER CURTAIN ROD W/ CONCEALED MOUNT. B-204-2 VINYL SHOWER CURTAIN. B-204-1 (T) SHOWER CURTAIN HOOKS.

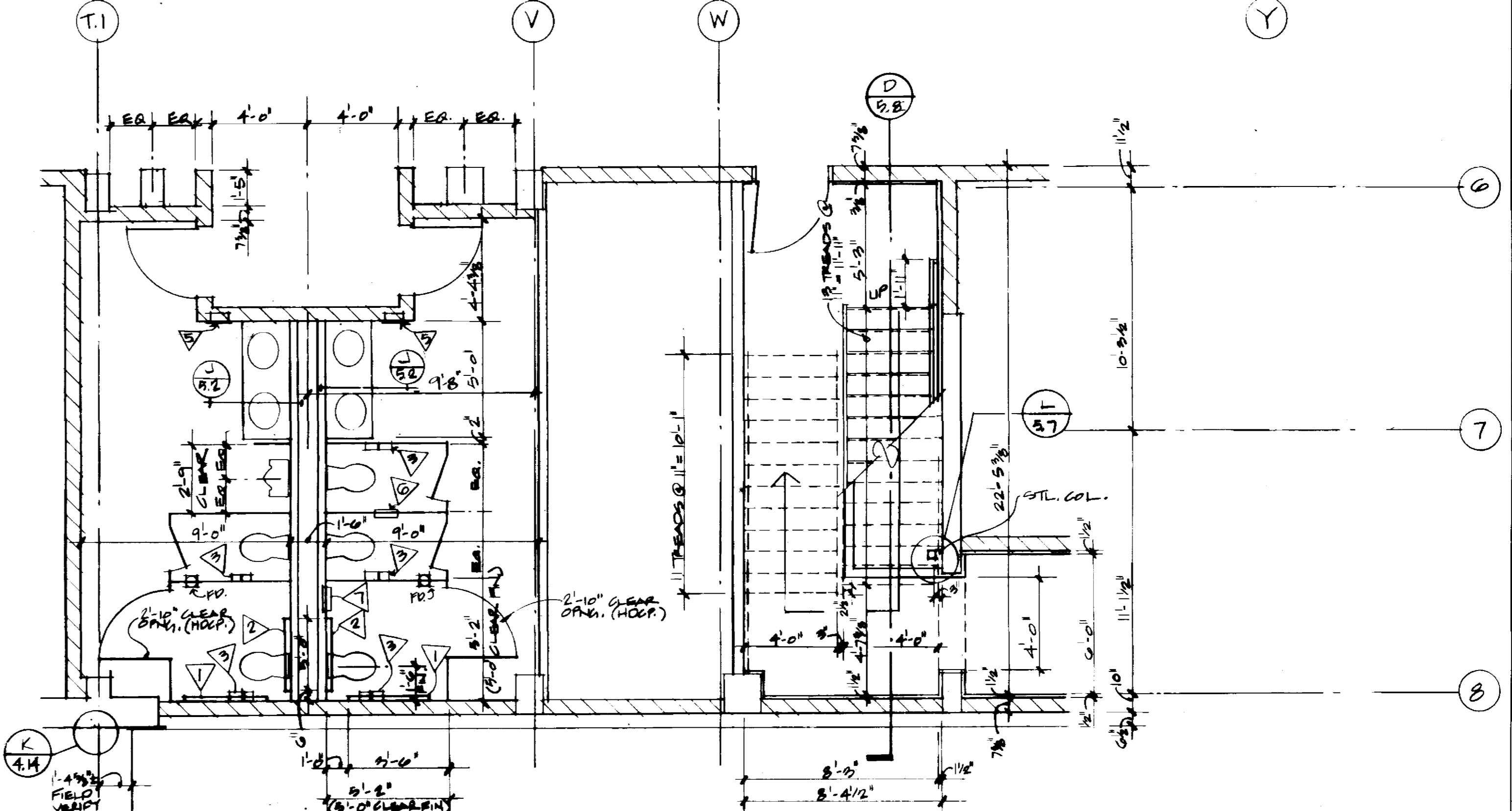
NOTE: PROVIDE TR. WOOD GRADING IN WALLS AND PARTS FOR COUNTERTOPS, GRAB BARS, CABINETS AND SHELVES ETC. - TYP.



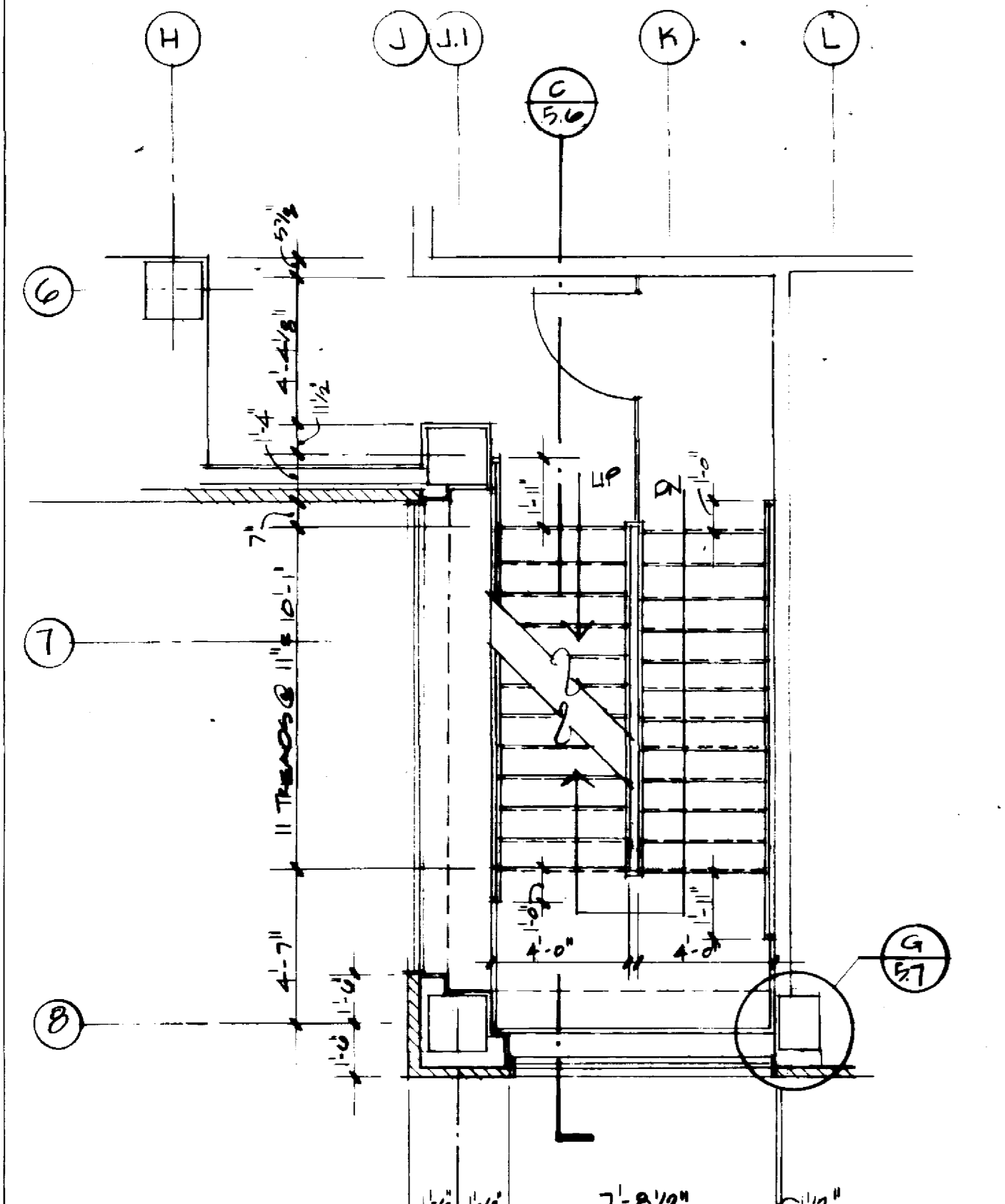
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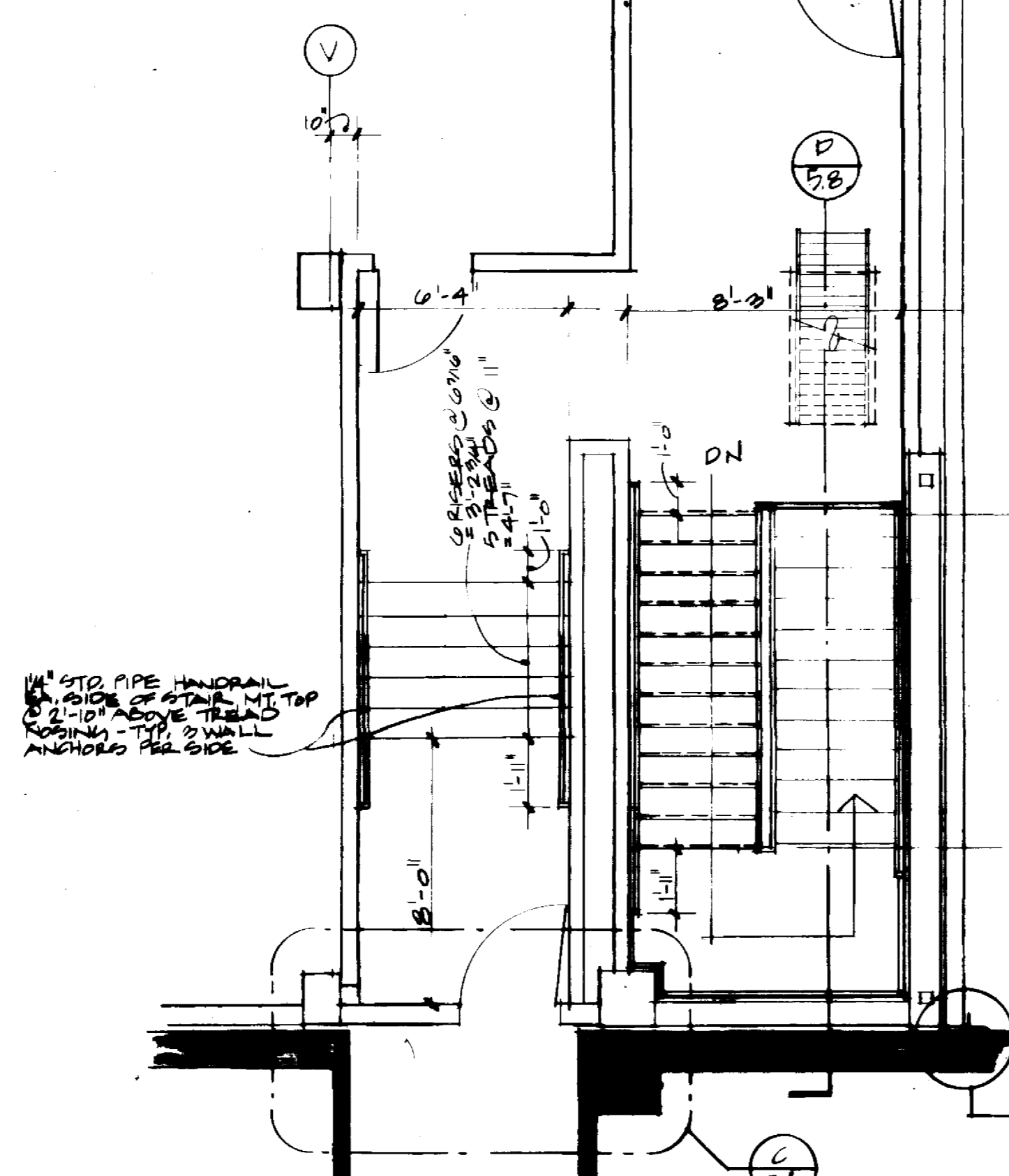
PENTHOUSE - STAIR A3



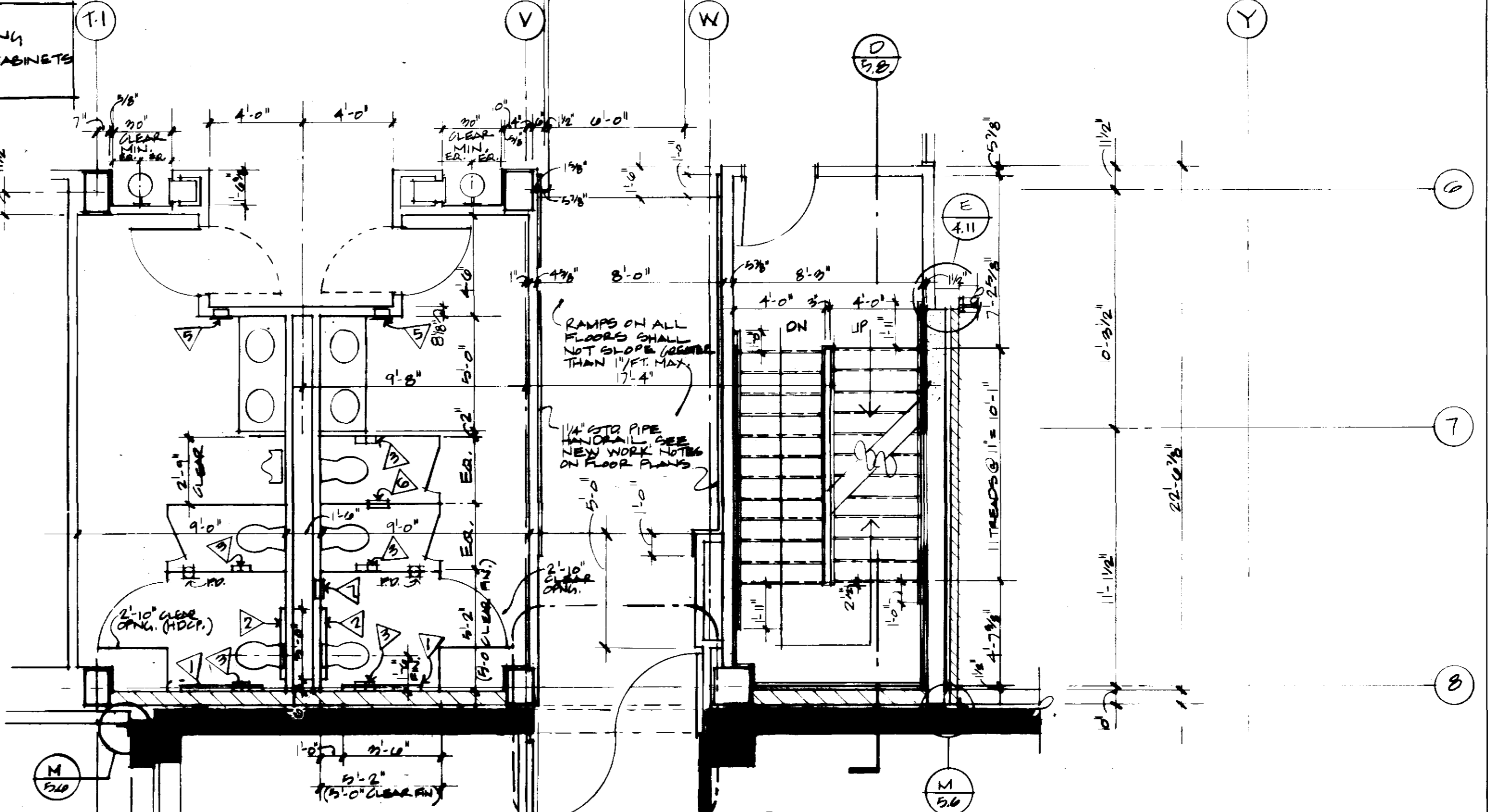
BASEMENT - STAIR A2 & TOILETS



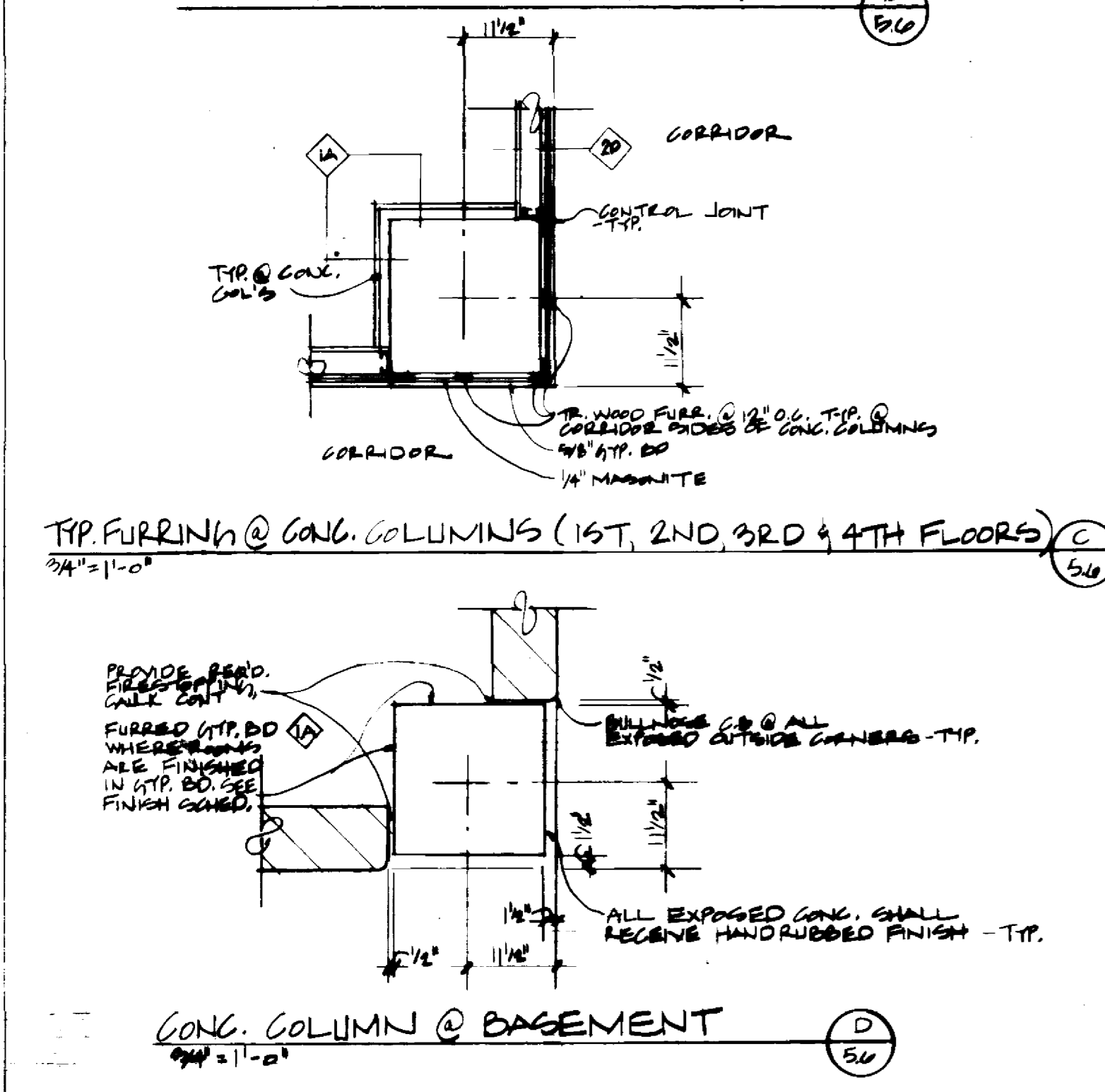
FIRST FLOOR - STAIR A3



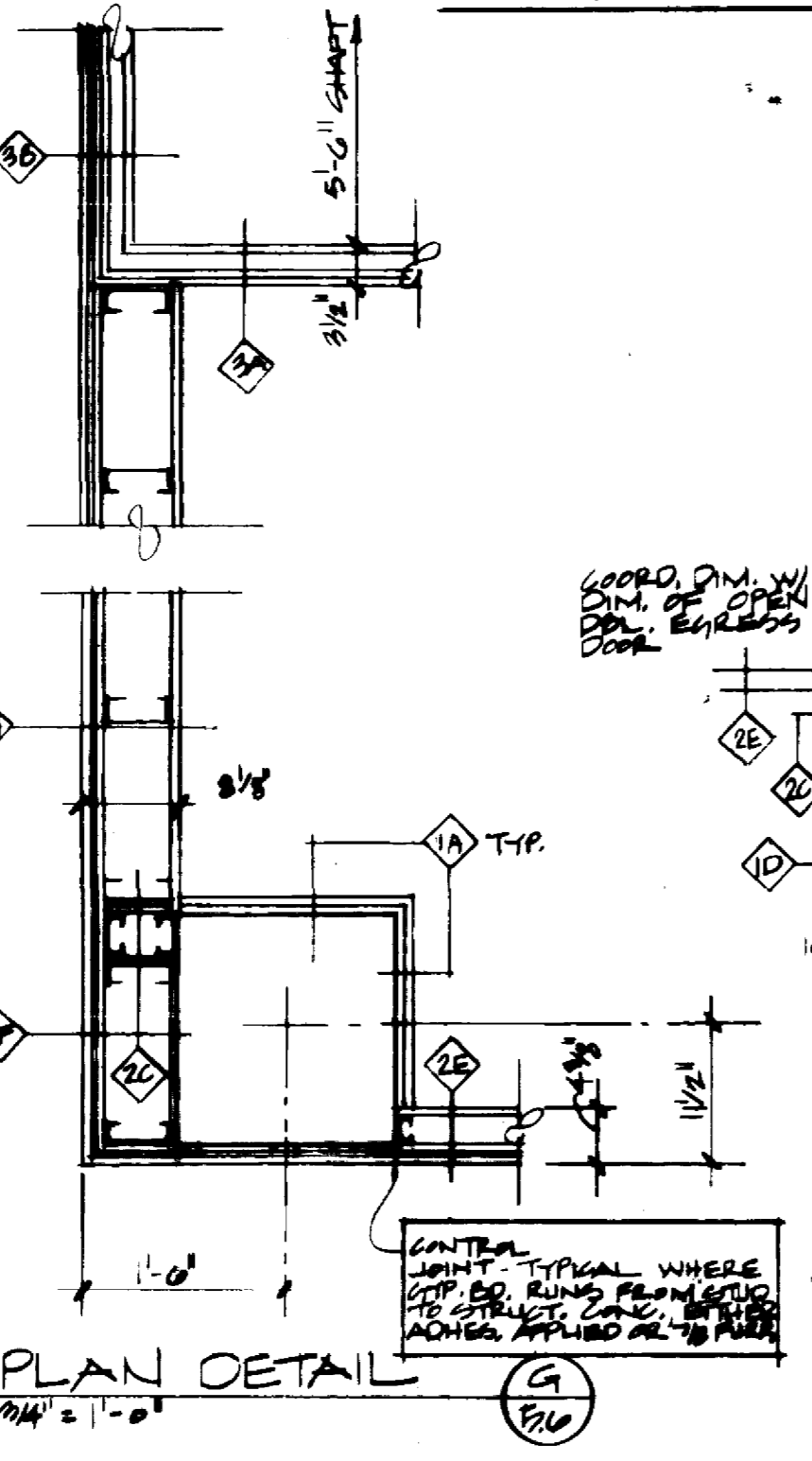
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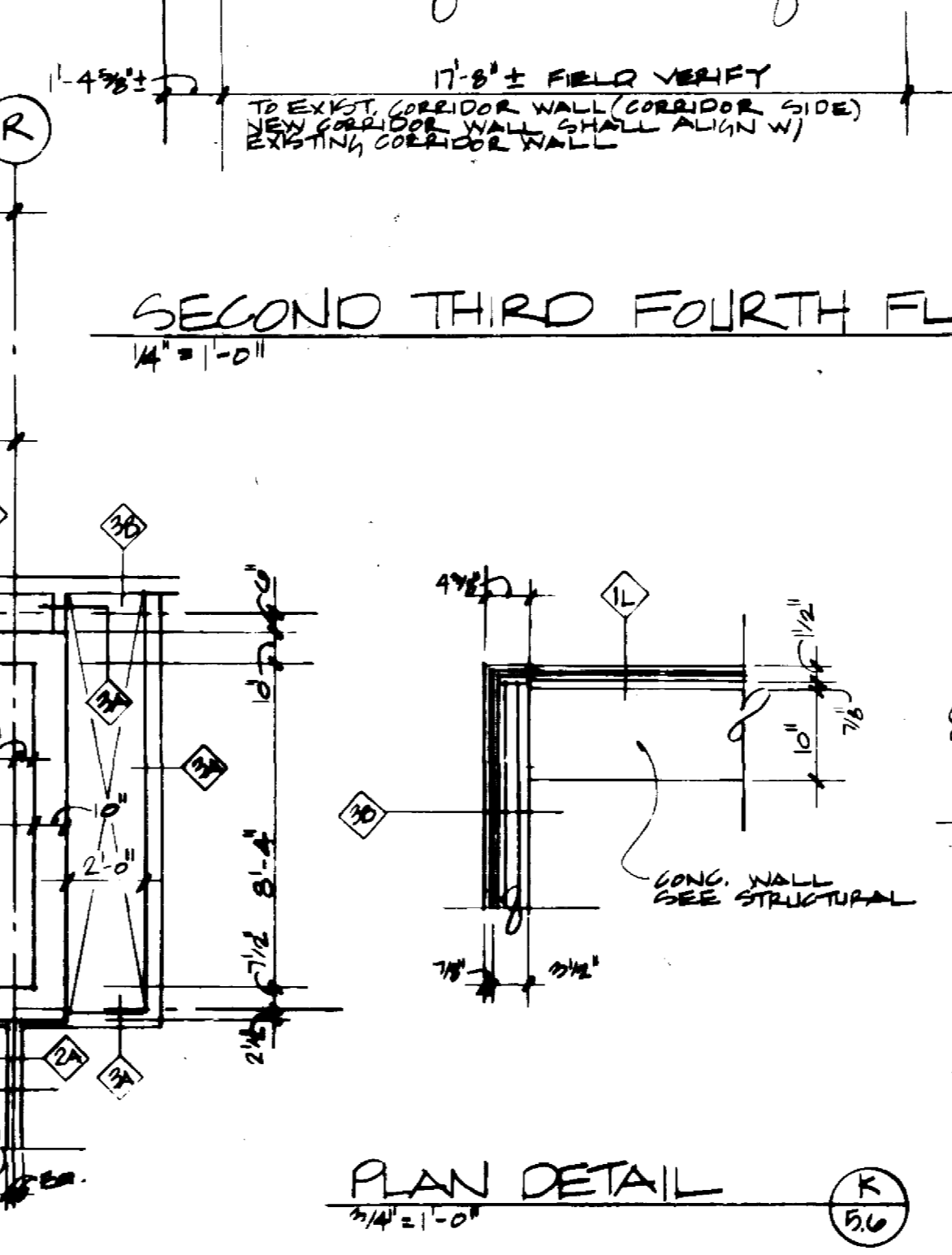
SECOND THIRD FOURTH FLOOR PLAN (FIRST FLOOR S.I.M.) STAIR A2 & TLTS



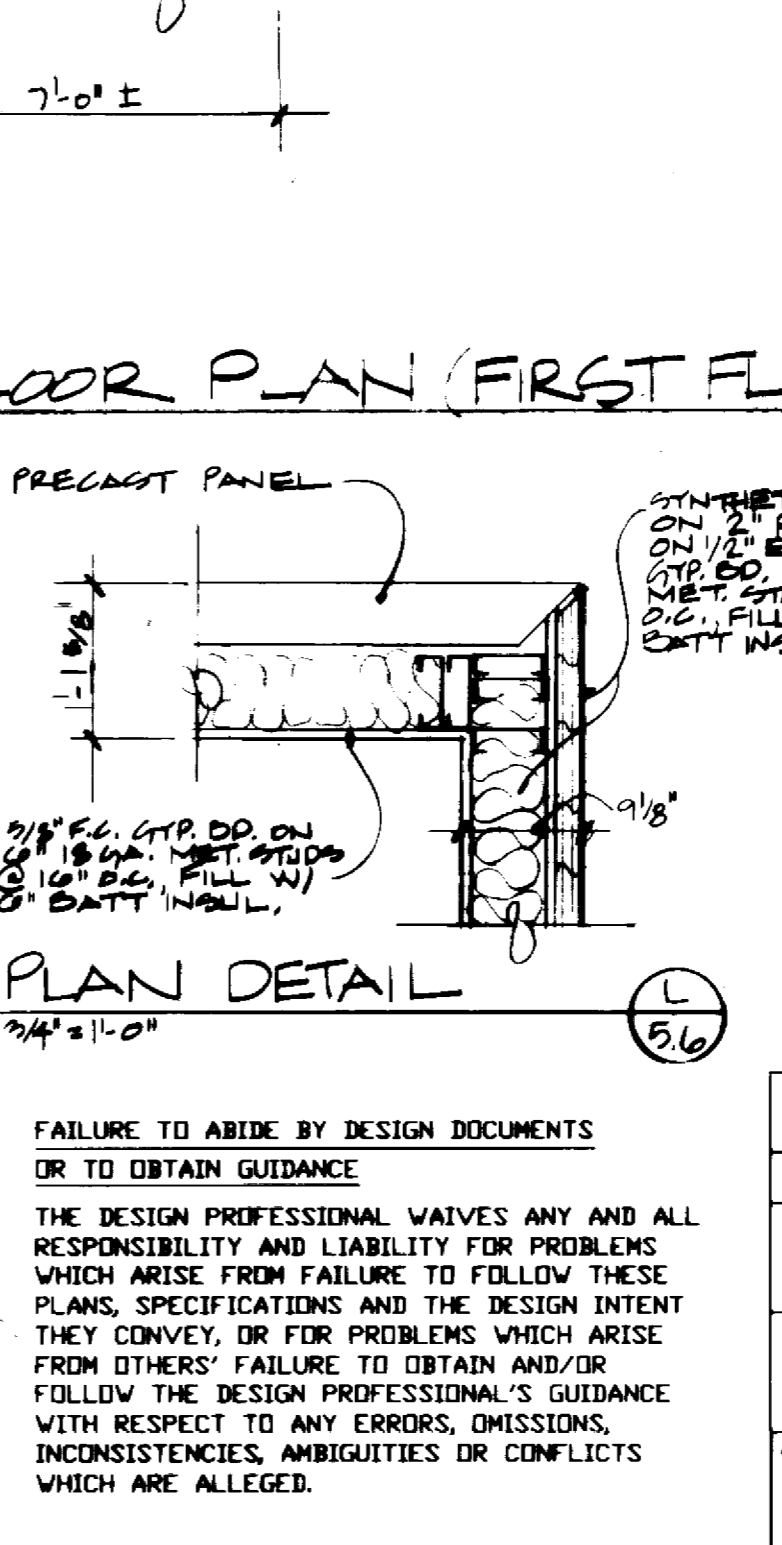
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ELEVATOR LOBBY



PLAN DETAIL

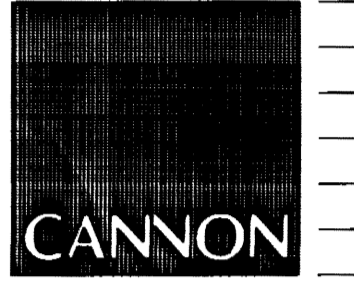


CLOSURE DETAIL

FAILURE TO ABIDE BY DESIGN DOCUMENTS OR TO OBTAIN GUIDANCE THE DESIGN PROFESSIONAL WAIVES ANY AND ALL RESPONSIBILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR FOR PROBLEMS WHICH ARISE FROM OTHERS' FAILURE TO OBTAIN AND/OR FOLLOW THE DESIGN PROFESSIONAL'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.

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FINAL DOCUMENTS



ARCHITECTURE
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INTERIOR DESIGN

Boston
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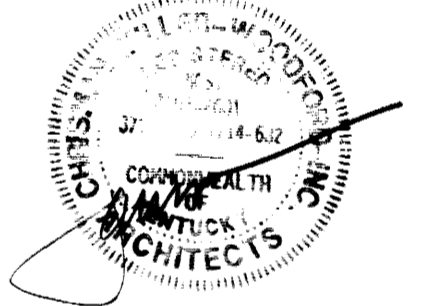
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PLANNING INTERIORS

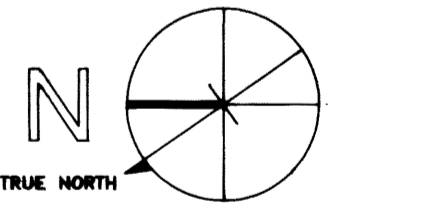
326 South Broadway
Lexington, Kentucky
606-254-6623



RECORD DRAWINGS DATE August 1995

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Project North

Revision	Date
Issue Date	DEC 92

Drawing Title
ENLARGED PLANS, SECTIONS & DETAILS

Drawn by PZW

Checked by KVLJM JB

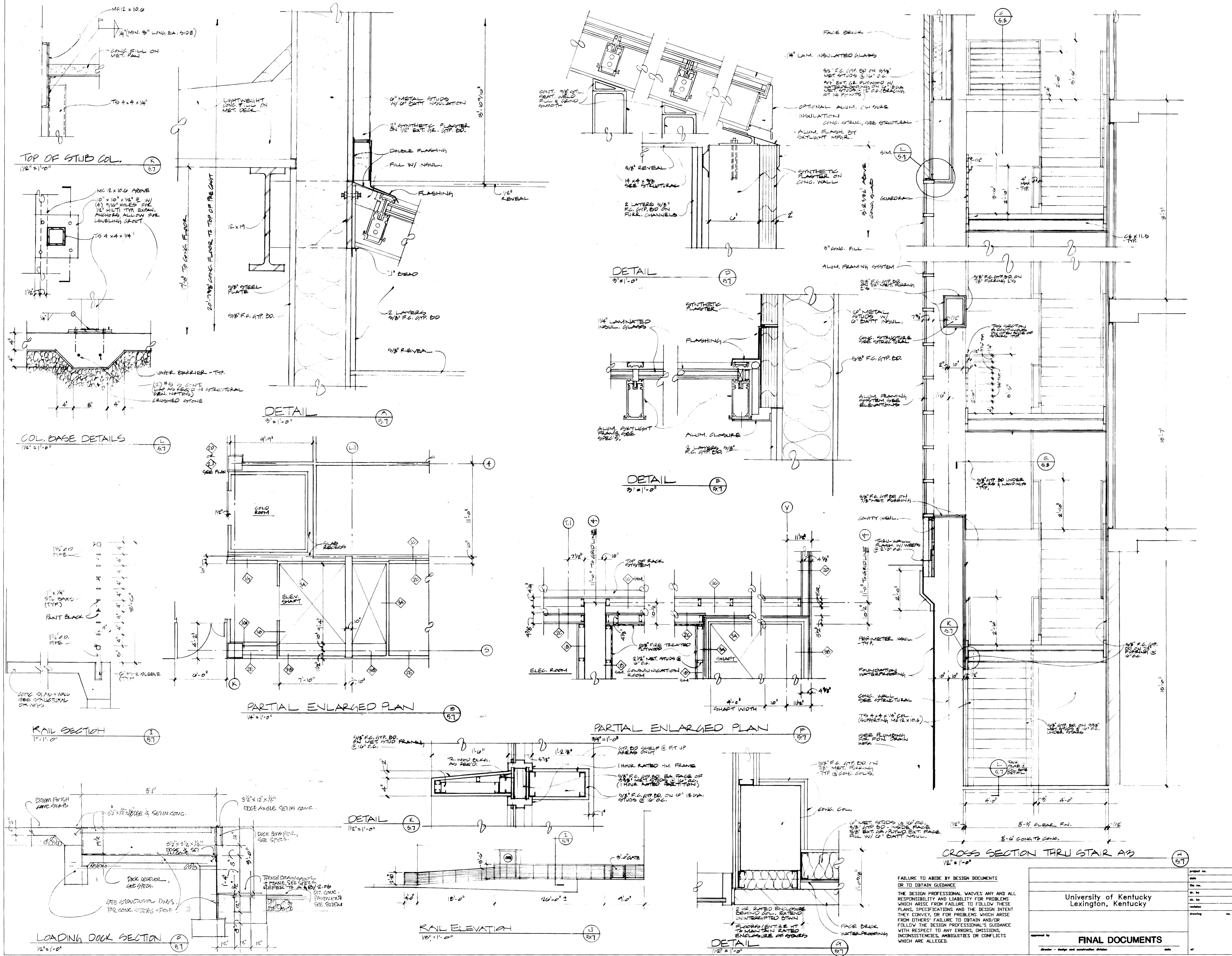
Project No. Scale NA
7029.01

Drawing No.
5.7

University of Kentucky
Lexington, Kentucky

approved by **FINAL DOCUMENTS**

Project No. 7029.01
Scale NA
Drawing No. 5.7



FAILURE TO ABIDE BY DESIGN DOCUMENTS OR TO OBTAIN GUIDANCE
THE DESIGN PROFESSIONAL WAIVES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR FOR PROBLEMS WHICH ARISE FROM OTHERS' FAILURE TO OBTAIN AND/OR FOLLOW THE DESIGN PROFESSIONAL'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.



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RECORD DRAWINGS DATE August 1988

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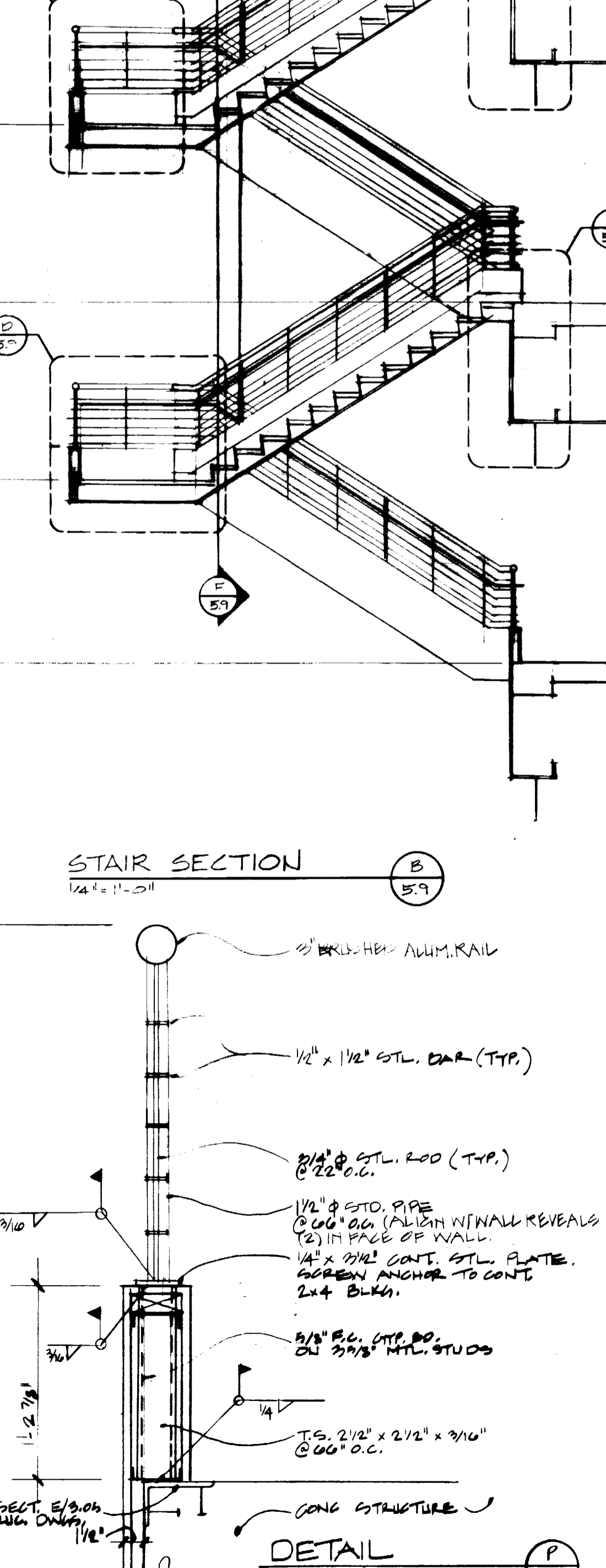
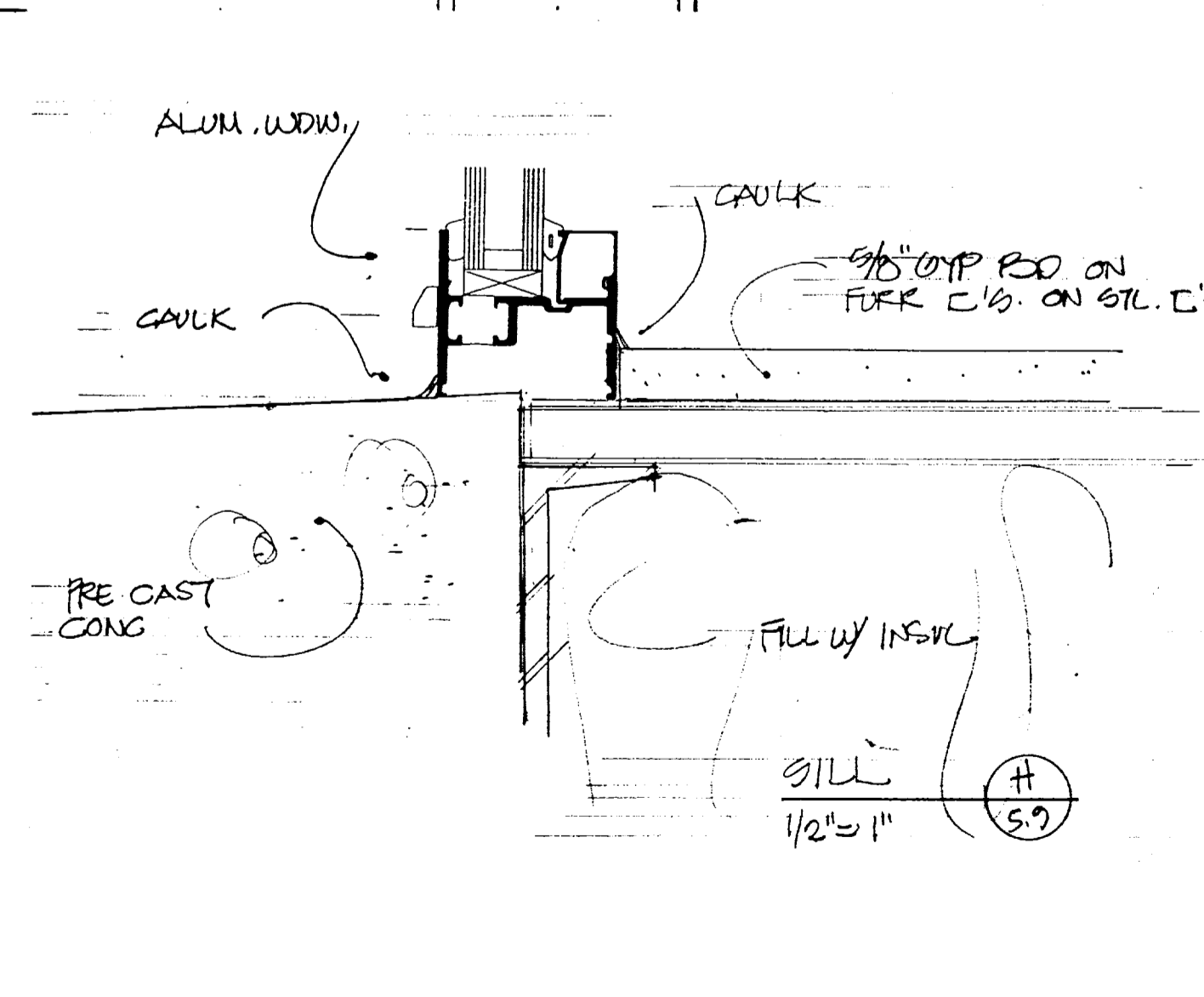
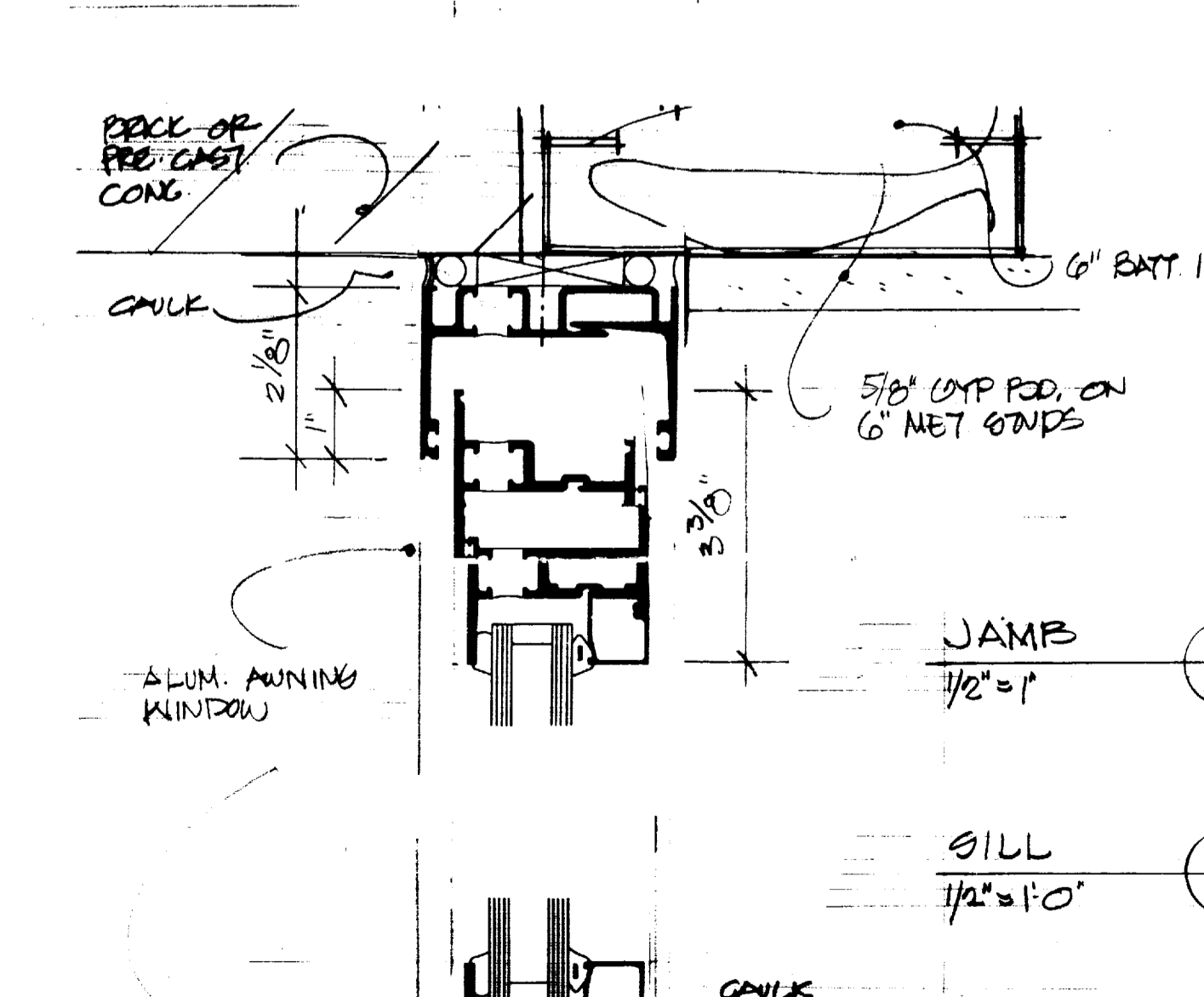
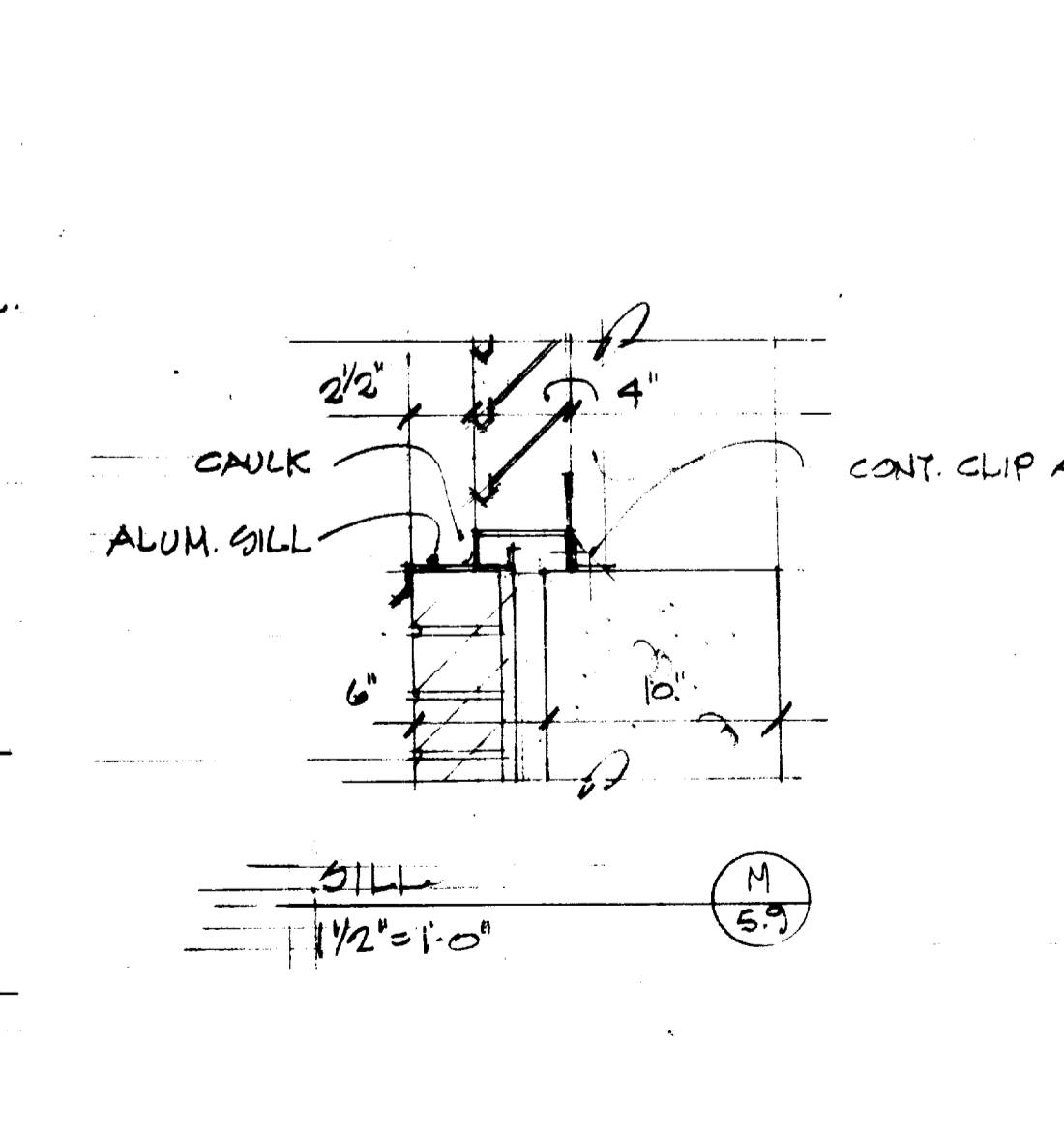
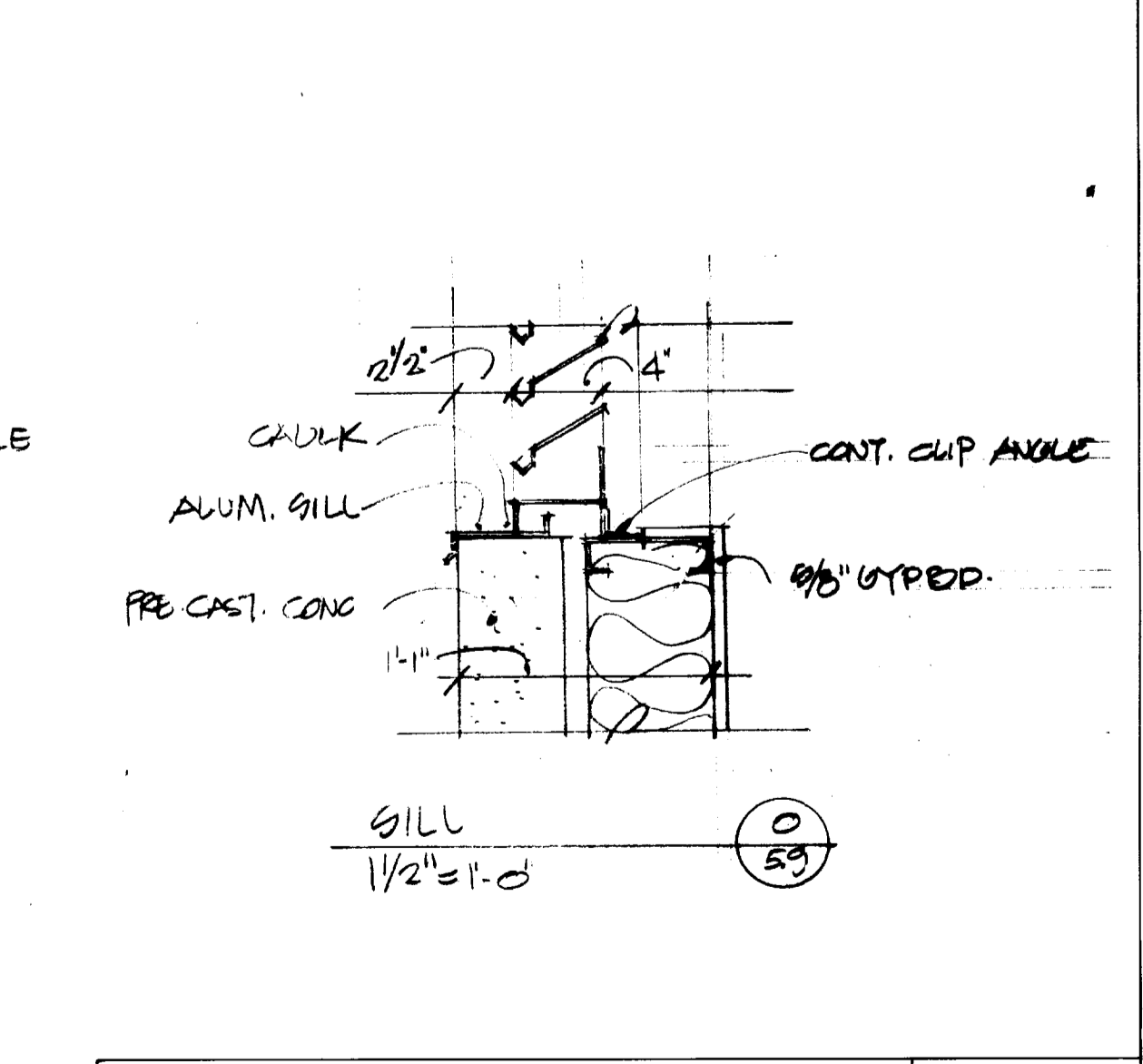
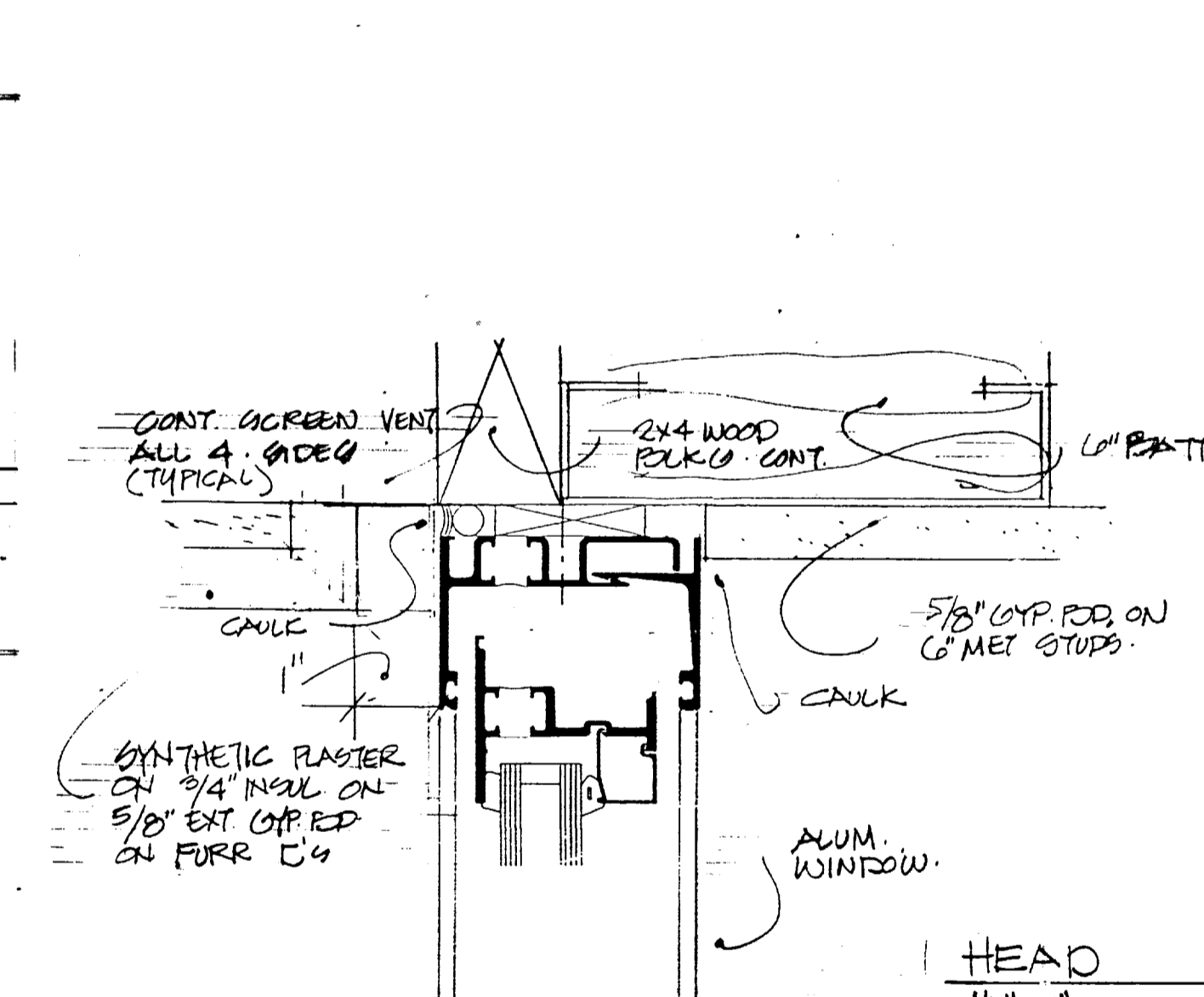
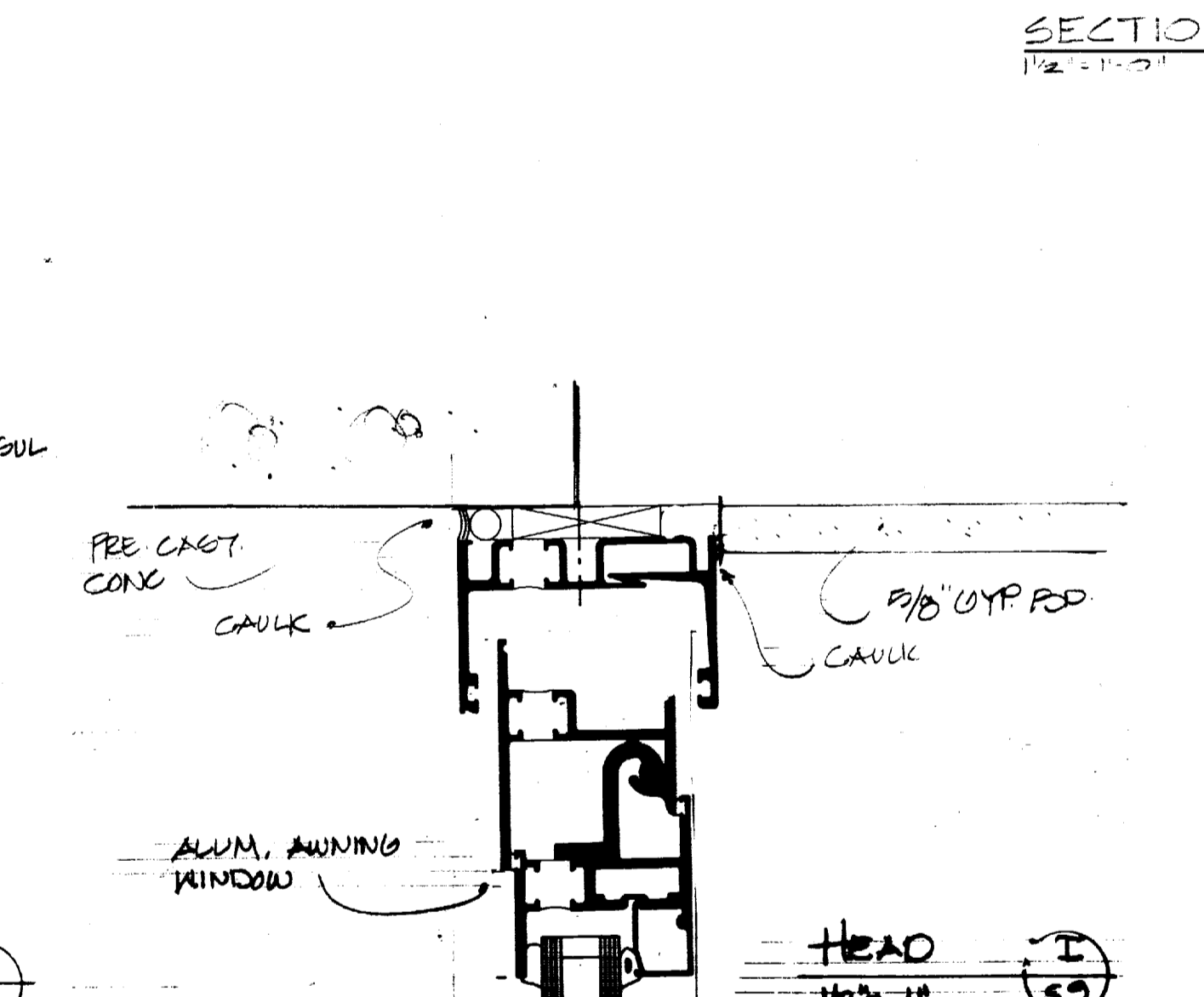
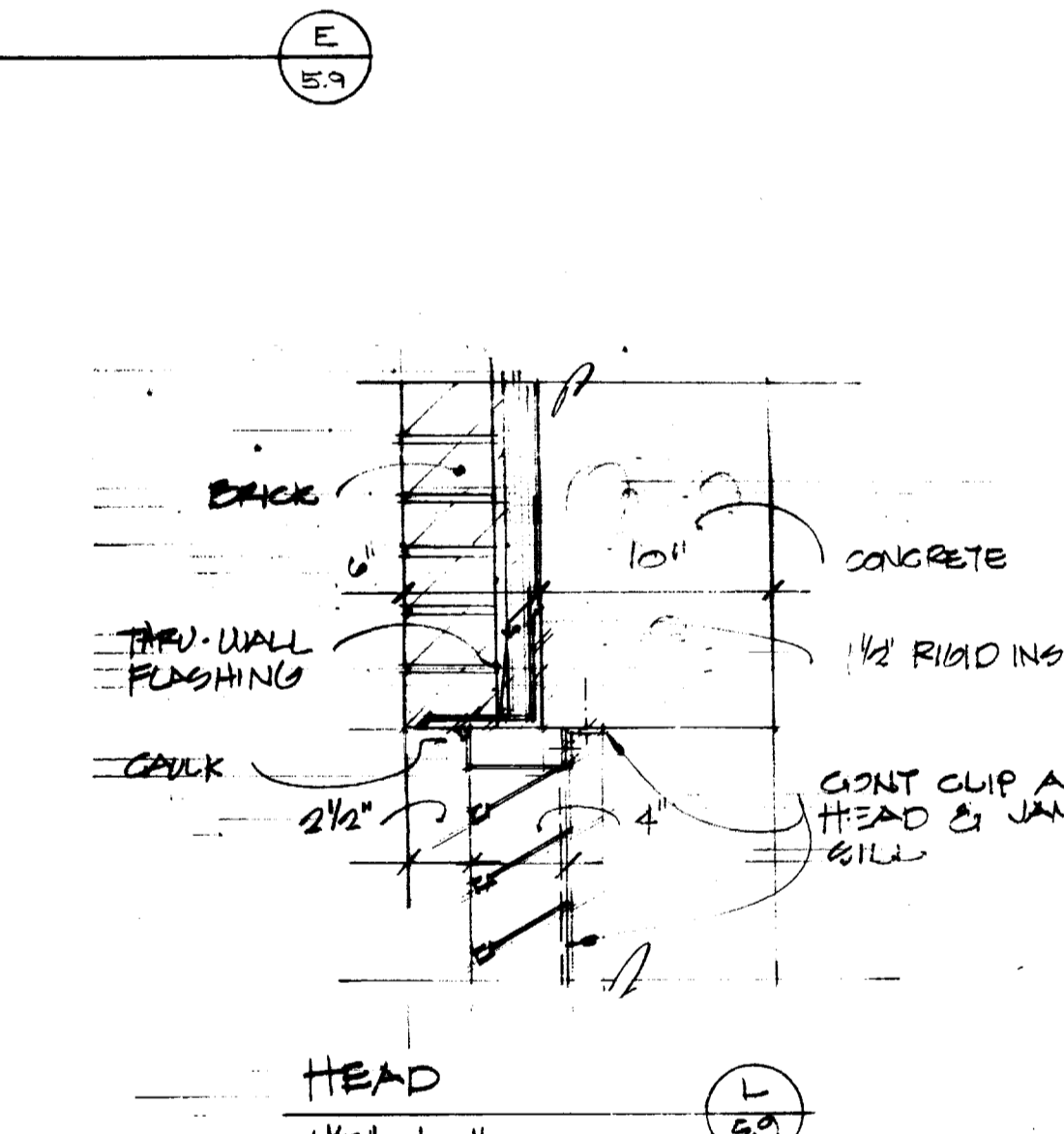
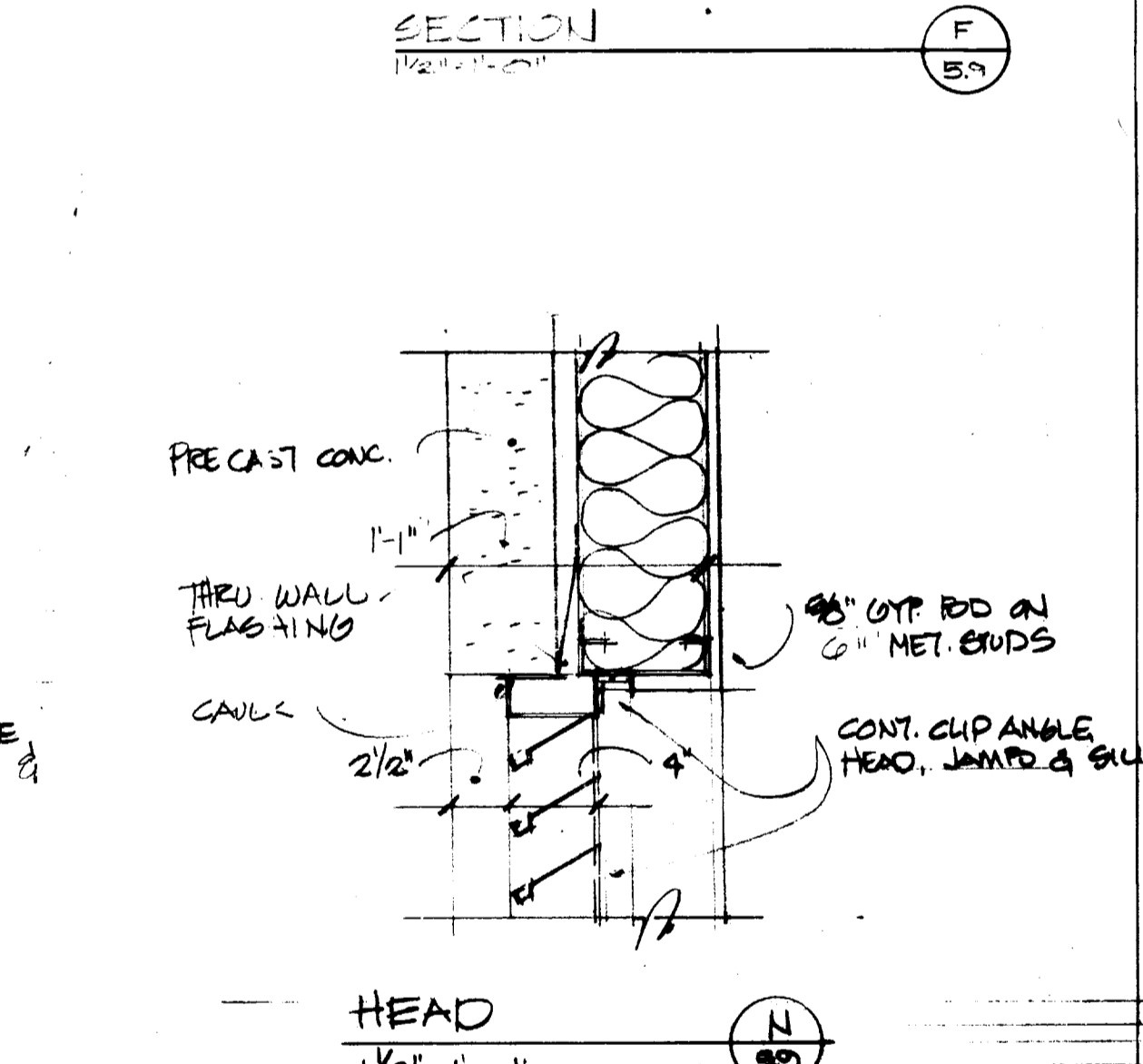
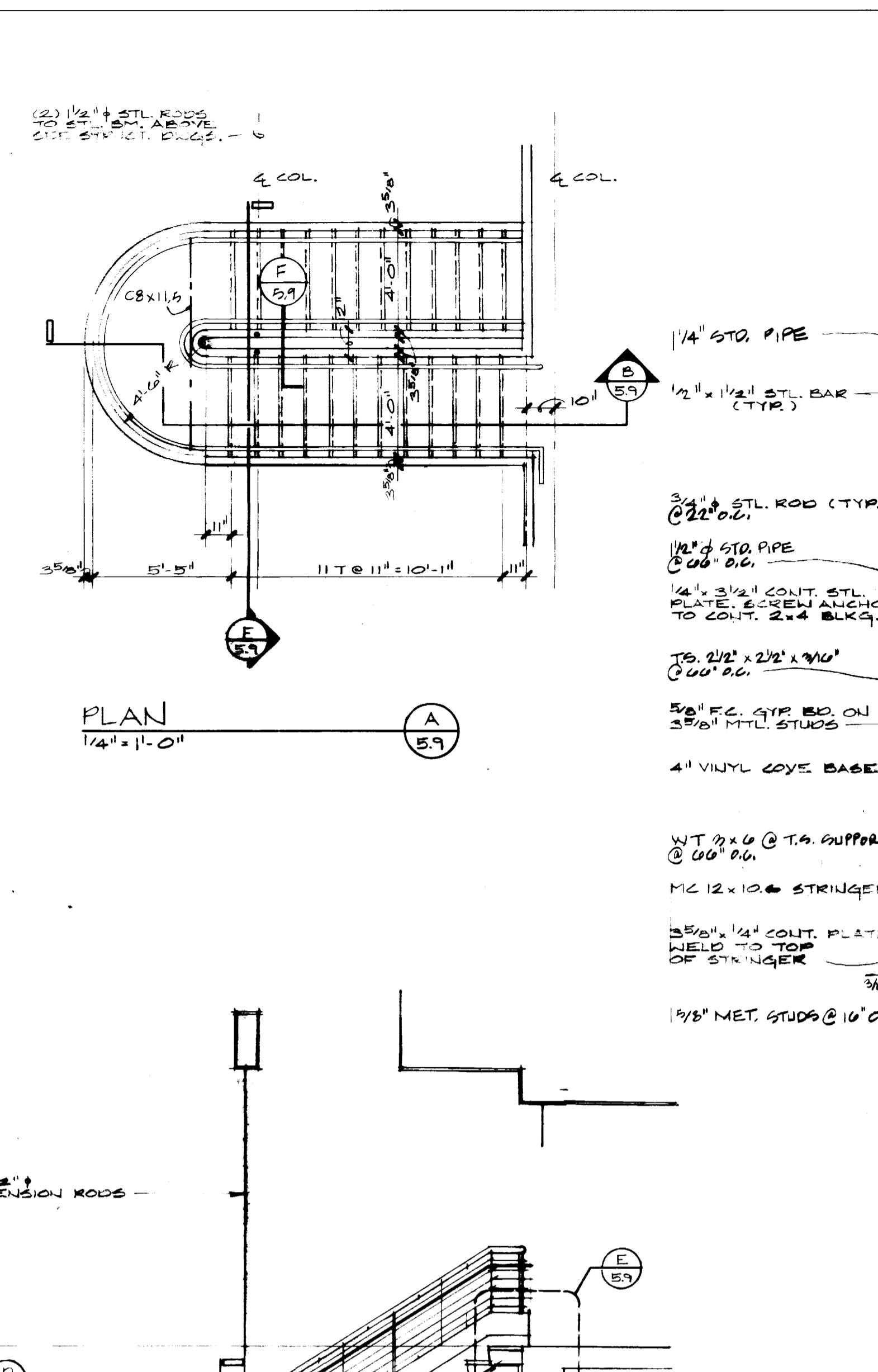
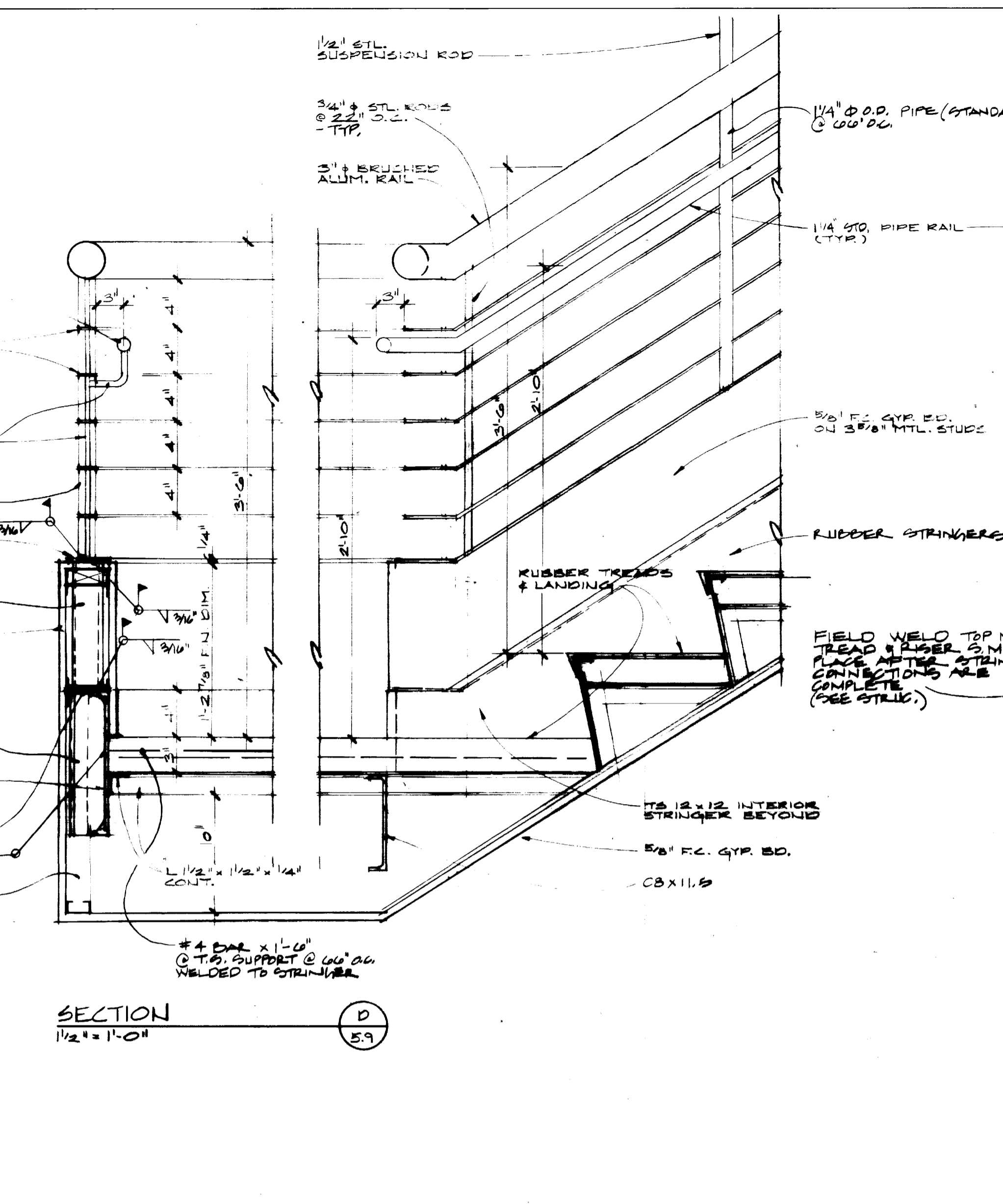
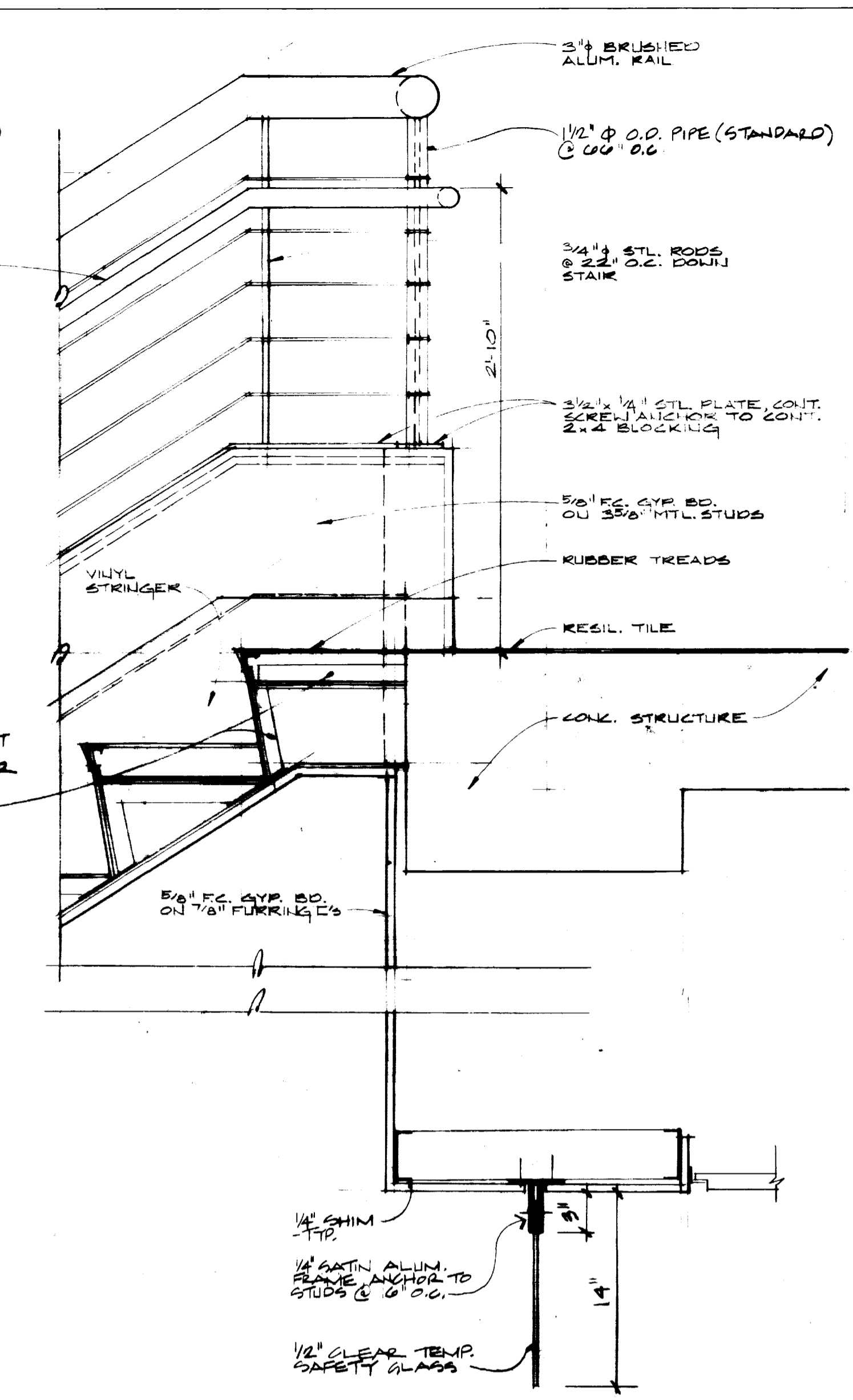
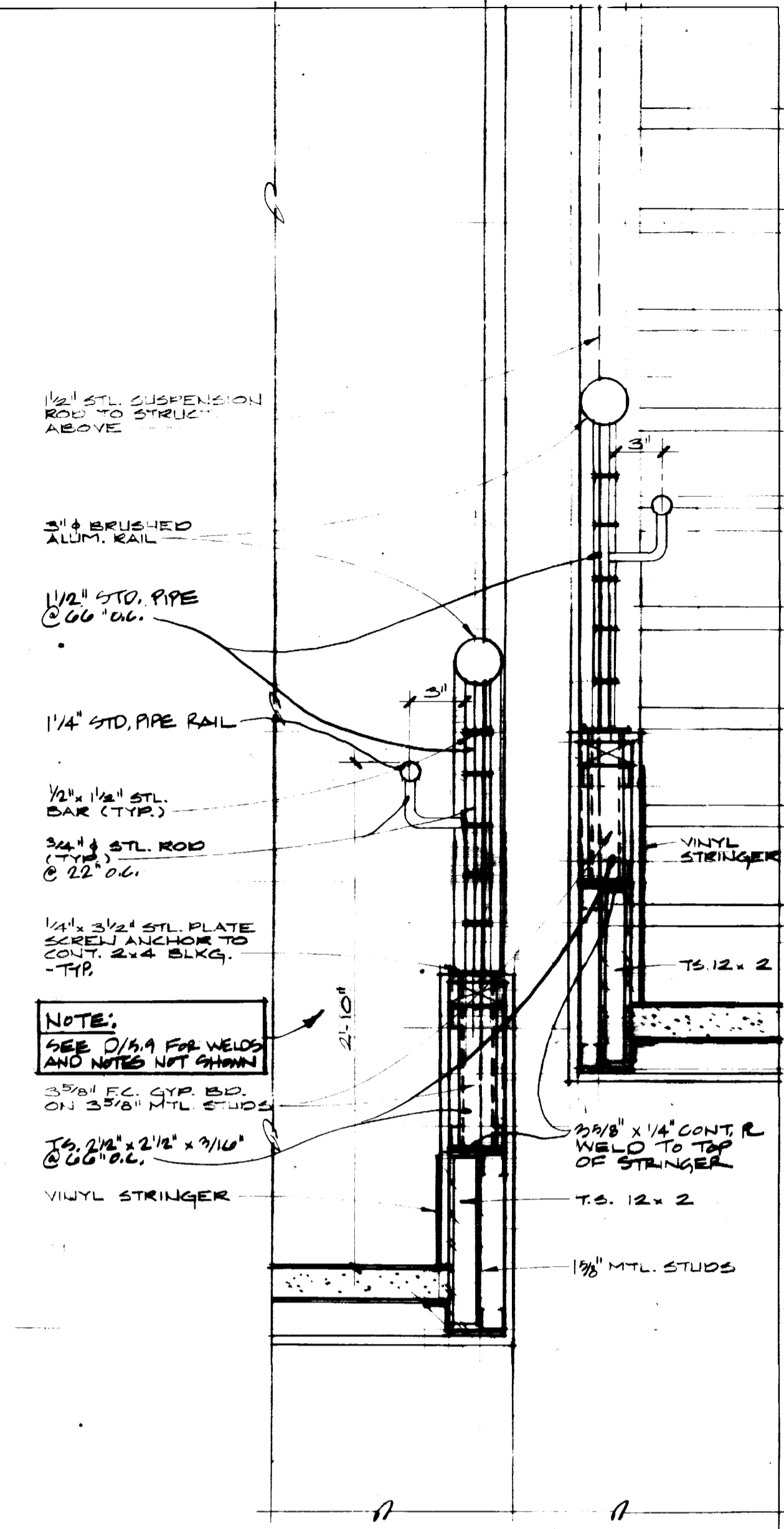
Revision	Date
Issue Date	DEL '92

Drawing Title
STAIR SECTIONS & DETAILS
MISCELLANEOUS DETAILS

Drawn by JPB
Checked by KVLM JPB

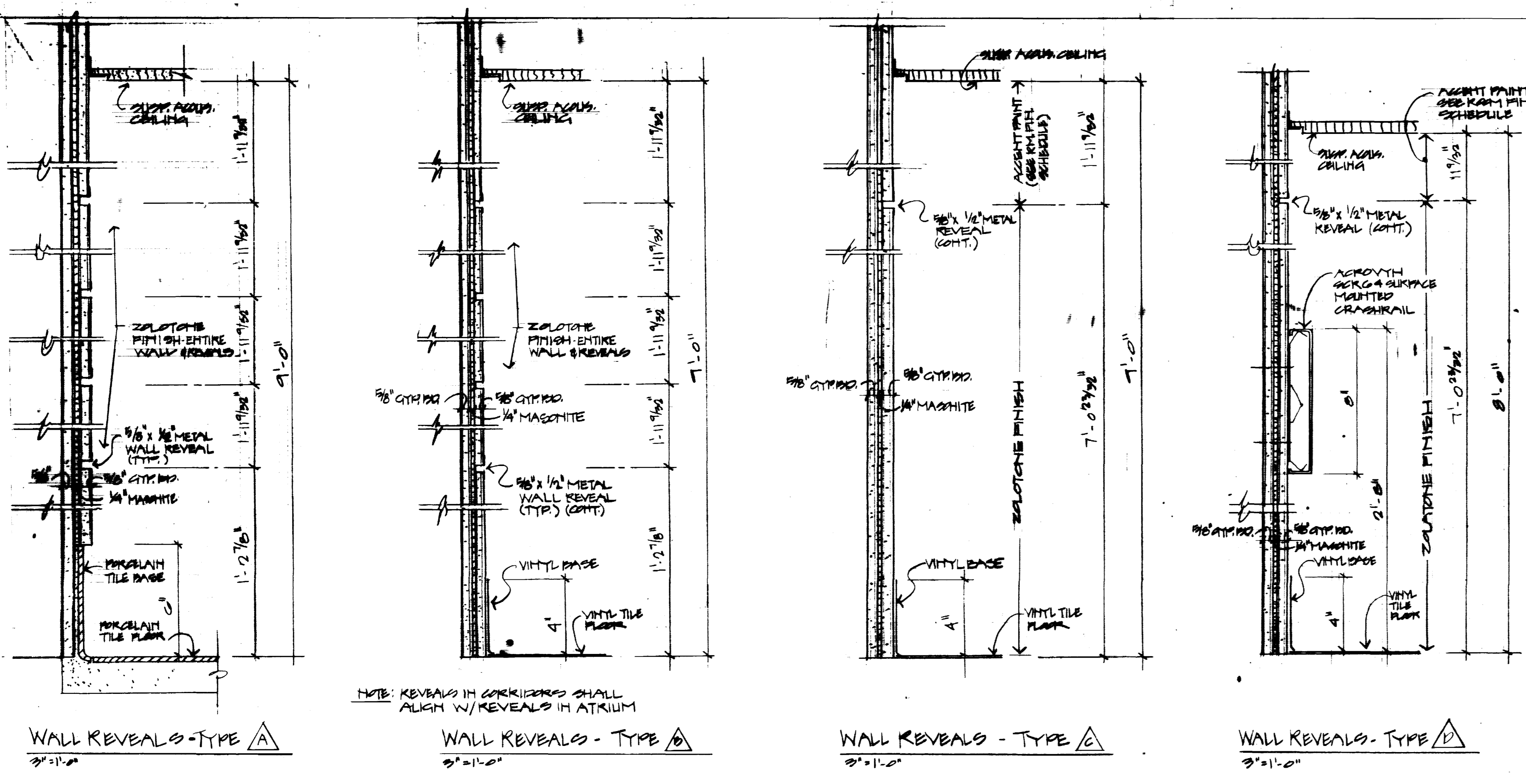
Project No. Scale N/A
98240.01

Drawing No.
5.9



FAILURE TO ABIDE BY DESIGN DOCUMENTS OR TO OBTAIN GUIDANCE
THE DESIGN PROFESSIONAL WAIVES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR FOR PROBLEMS WHICH ARISE FROM OTHERS' FAILURE TO OBTAIN AND/OR FOLLOW THE DESIGN PROFESSIONAL'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.

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	FINAL DOCUMENTS	



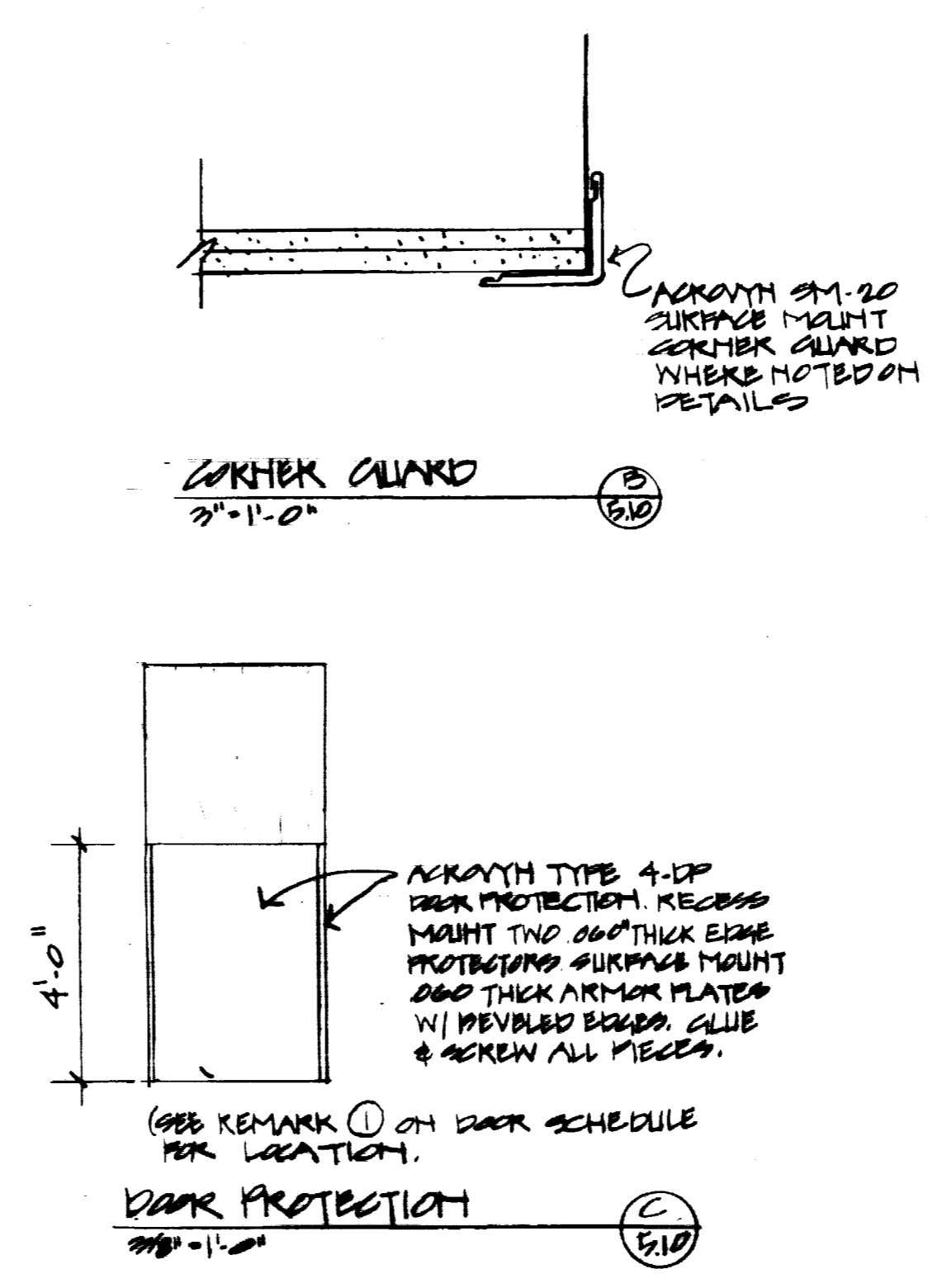
WALL REVEALS - TYPE A
3'-11 1/2"

NOTE: REVEALS IN CORRIDORS SHALL ALIGN W/ REVEALS IN ATRIUM

WALL REVEALS - TYPE B
3'-11 1/2"

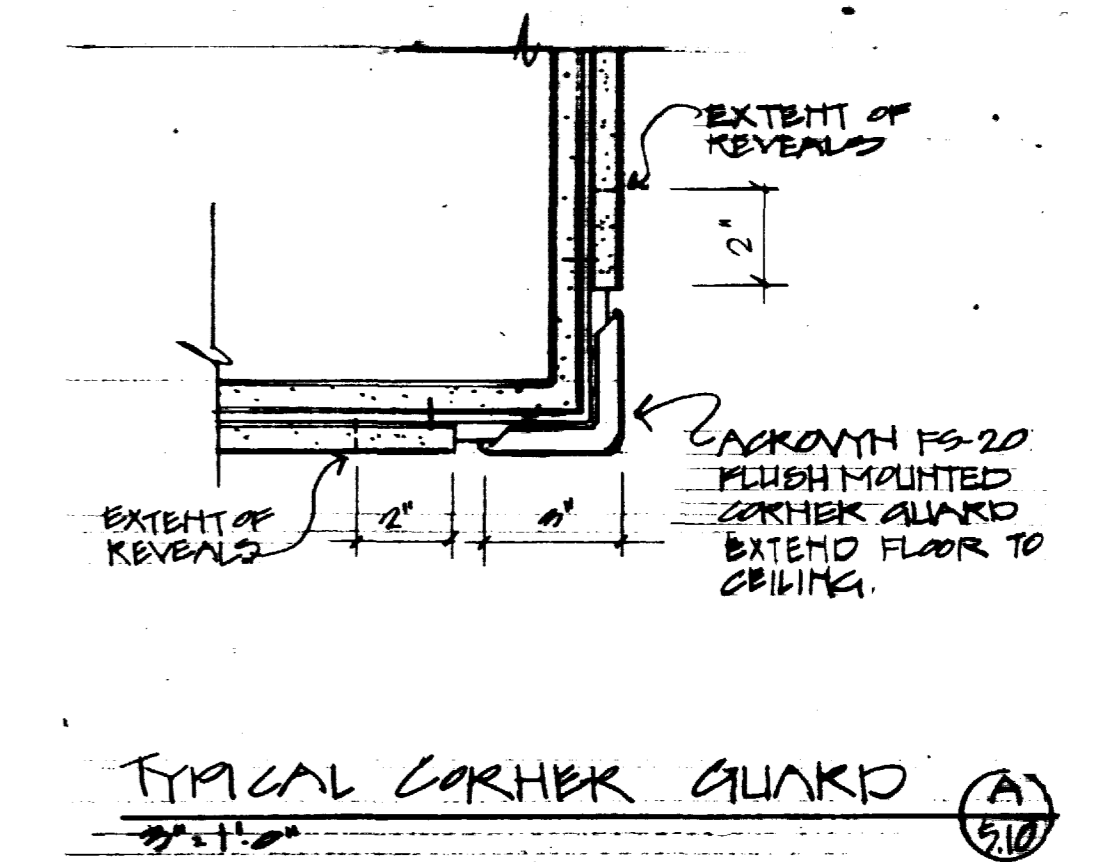
WALL REVEALS - TYPE C
3'-11 1/2"

WALL REVEALS - TYPE D
3'-11 1/2"

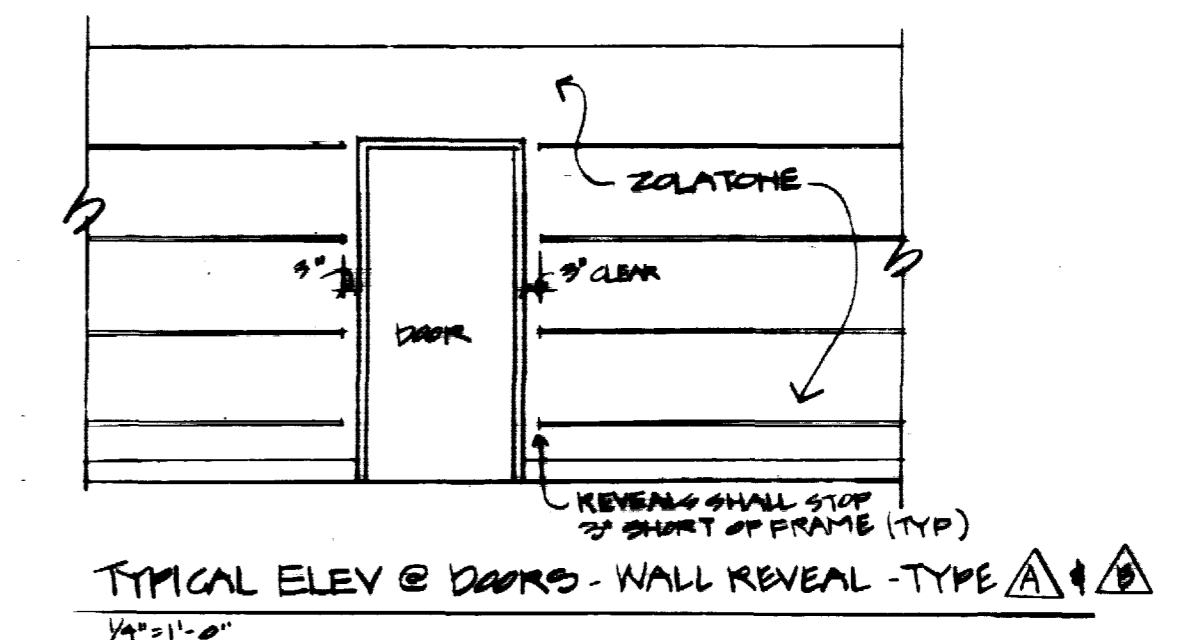


CORNER GUARD
3'-11 1/2"

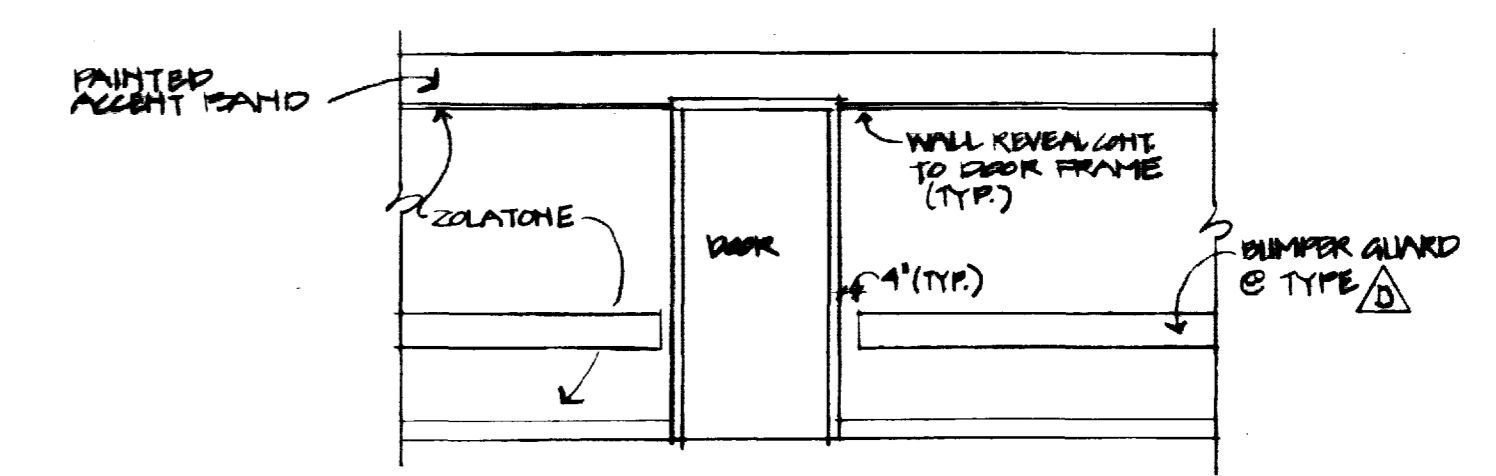
DOOR PROTECTION
3'-11 1/2"



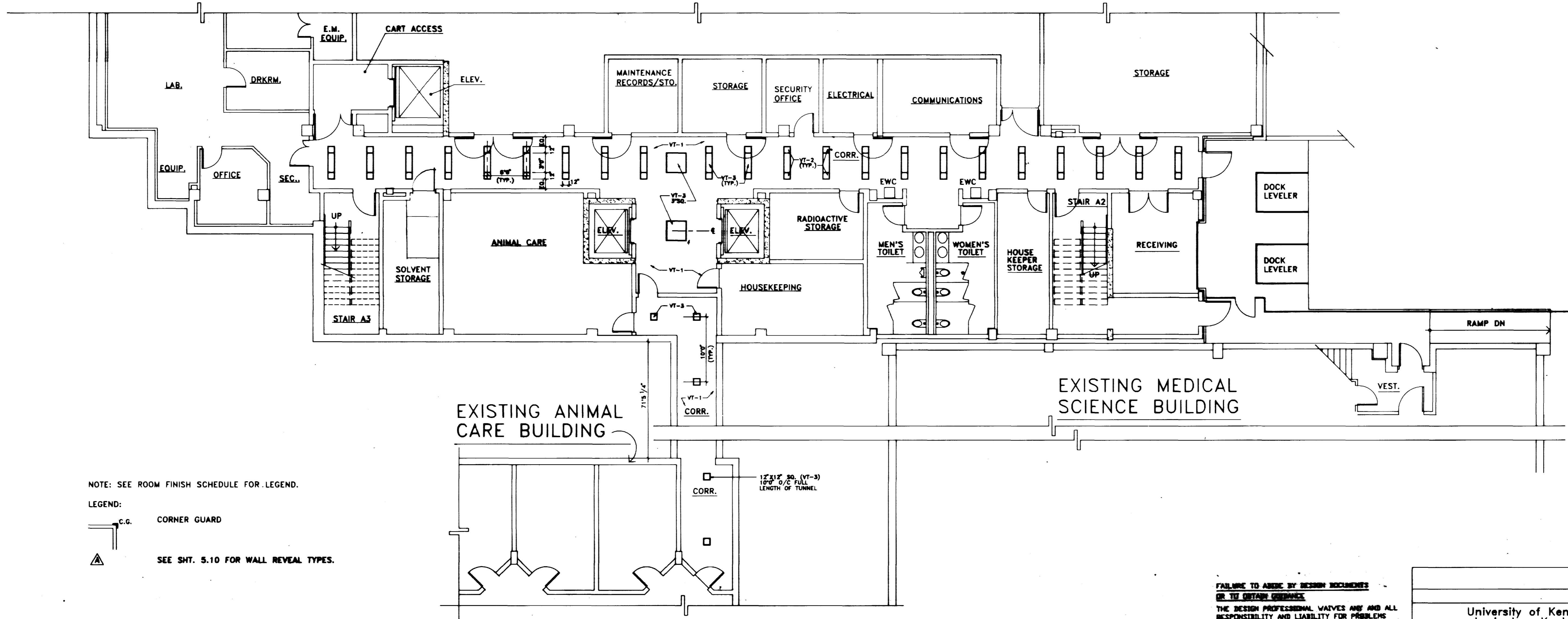
TYPICAL CORNER GUARD
3'-11 1/2"



TYPICAL ELEV @ DOORS - WALL REVEAL - TYPE A
14'-11 1/2"



TYPICAL ELEV @ DOORS - WALL REVEAL - TYPE A
14'-11 1/2"



NOTE: SEE ROOM FINISH SCHEDULE FOR LEGEND.
LEGEND:
C.G. CORNER GUARD
SEE SHT. 5.10 FOR WALL REVEAL TYPES.

INTERIOR PLAN - BASEMENT FLOOR
SCALE: 1/8" = 1'-0"

FAILURE TO ABIDE BY DESIGN DOCUMENTS OR TO OBTAIN PERMISSION FROM THE DESIGN PROFESSIONAL WAIVES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR FOR PROBLEMS WHICH ARISE FROM OTHERS' FAILURE TO OBTAIN AND/OR FOLLOW THE DESIGN PROFESSIONAL'S GUIDANCE WITH RESPECT TO ANY CORRS, CHANGES, INCONSISTENCIES, AMBIGUITIES OR OMISSIONS WHICH ARE ALLOWED.

University of Kentucky Lexington, Kentucky	Project No. 14 Scale 1/8"
FINAL DOCUMENTS	Drawing No. 5.10

THE UNIVERSITY OF KENTUCKY
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PROJECT NO. 147.0
Lexington, Kentucky

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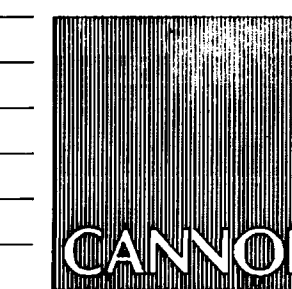
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RECORD DRAWINGS DATE AUGUST 1995
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Revision	Date
Issue Date	DEC 1992
Drawing Title	

INTERIOR PLAN
BASEMENT
MISCELLANEOUS DETAILS
Drawn by SH, HA
Checked by KVM, JB
Project No. 14
Scale 1/8"
Drawing No. 5.10



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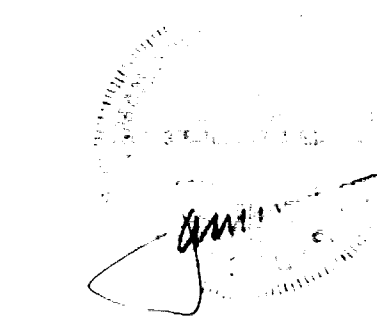
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Revision	Date
Issue Date	Dec. 92
Drawing Title	

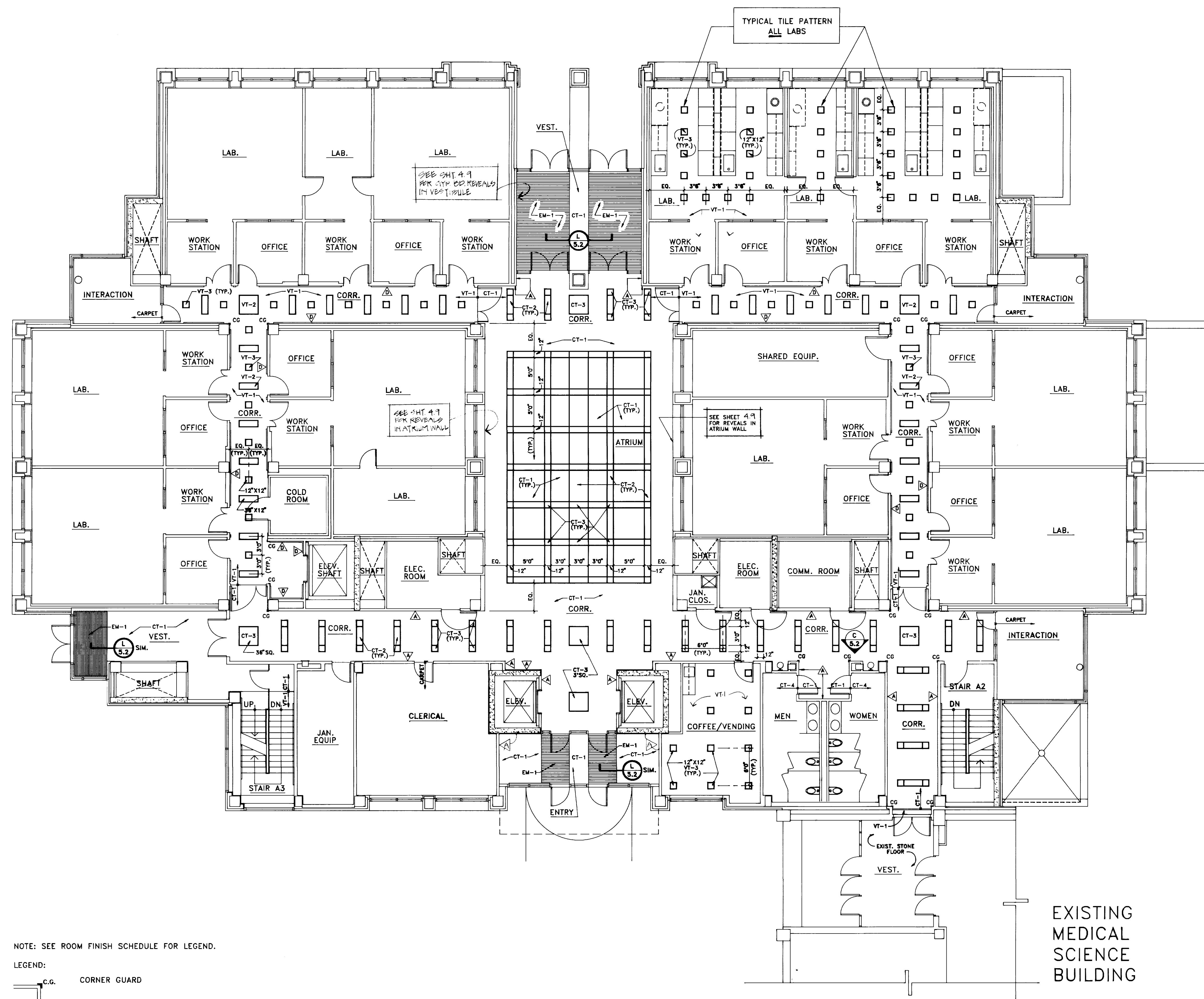
INTERIOR PLAN
FIRST FLOOR,

Drawn by: HA

Checked by: KVLM, JB

Project No. Scale
90240.01 1/8" = 1'-0"

Drawing No.
5.11



NOTE: SEE ROOM FINISH SCHEDULE FOR LEGEND.
LEGEND:
c.g. CORNER GUARD
SEE SHT. 5.10 FOR WALL REVEAL TYPES.
PLUMBER GUARDS

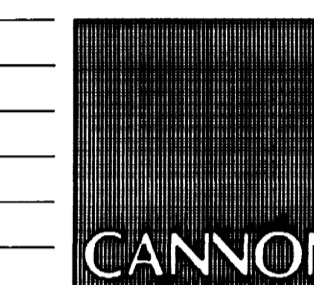
INTERIOR PLAN - FIRST FLOOR
SCALE: 1/8" = 1'-0"

EXISTING
MEDICAL
SCIENCE
BUILDING

KEY PLAN

FAILURE TO ABIDE BY DESIGN DOCUMENTS OR TO OBTAIN GUIDANCE... THE DESIGN PROFESSIONAL WAIVES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR FOR PROBLEMS WHICH ARISE FROM OTHERS' FAILURE TO OBTAIN AND/OR FOLLOW THE DESIGN PROFESSIONAL'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.

approved by	FINAL DOCUMENTS	project no.	
date		date	
University of Kentucky Lexington, Kentucky		drawn by	HA
		checked by	KVLM, JB
		scale	1/8" = 1'-0"
		drawing no.	5.11



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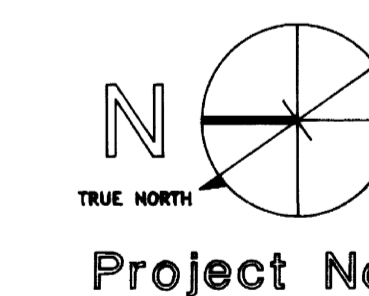
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Revision	Date
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Drawing Title

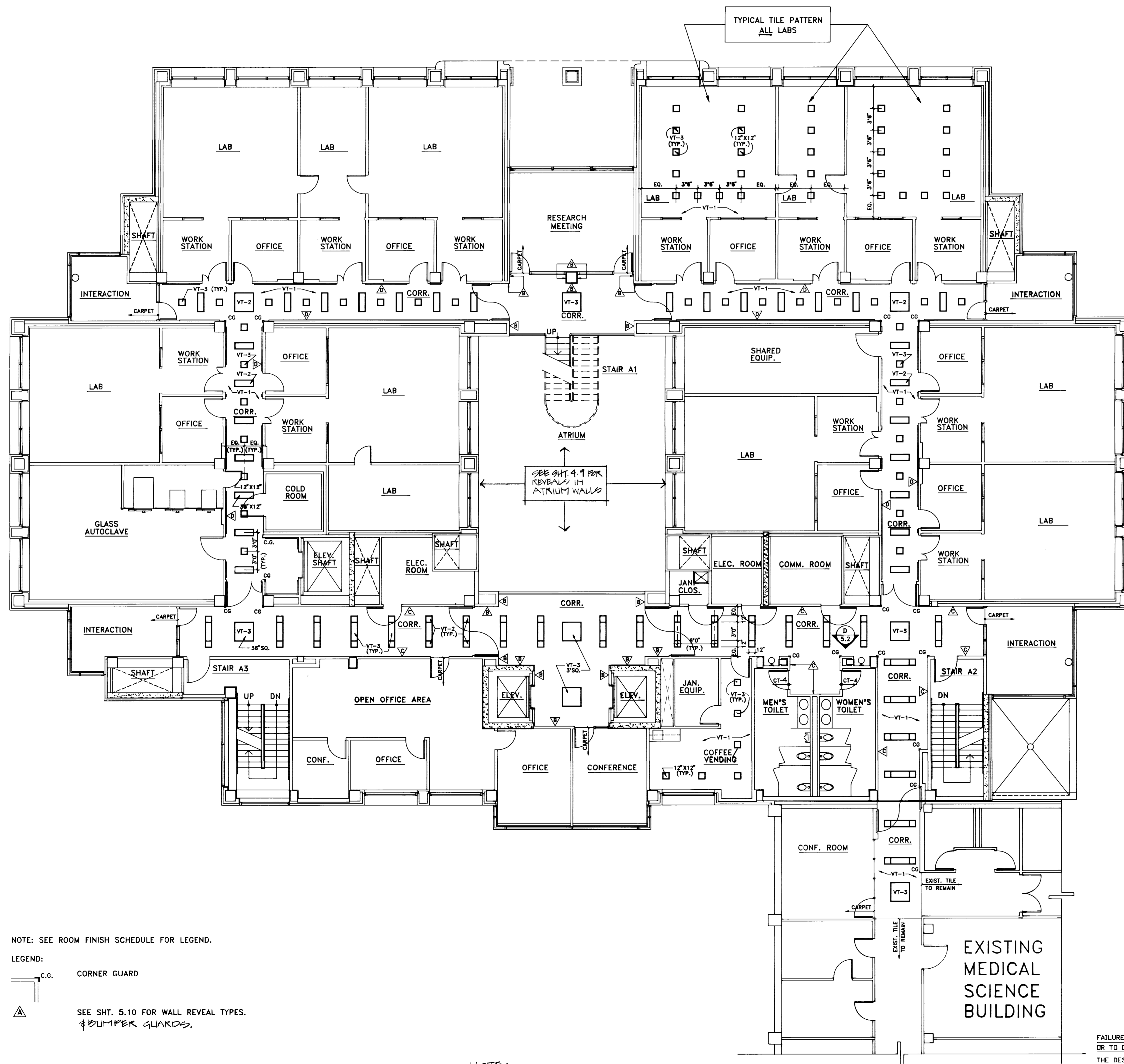
INTERIOR PLAN
SECOND FLOOR

Drawn by: HA

Checked by: KVL, JB

Project No. 90240.01
Scale 1/8" = 1'-0"

Drawing No. 5.12



NOTE: SEE ROOM FINISH SCHEDULE FOR LEGEND.

LEGEND:

C.G. CORNER GUARD

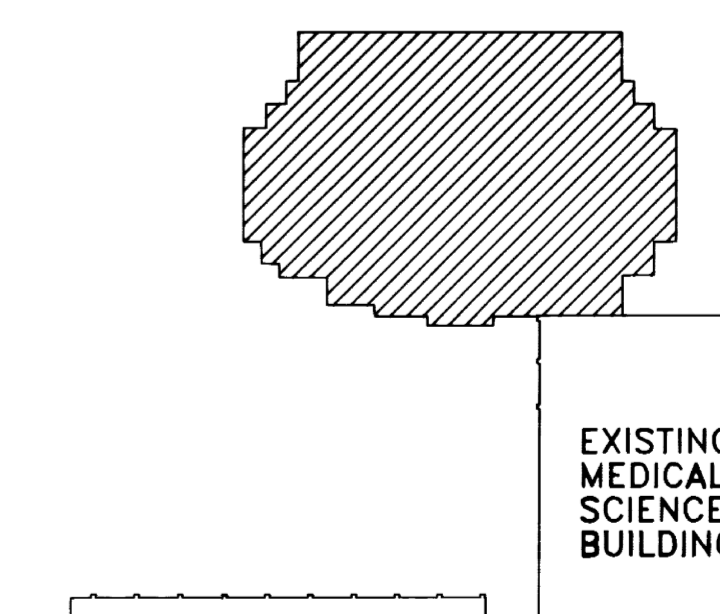
SEE SHT. 5.10 FOR WALL REVEAL TYPES.
& BUMPER GUARDS.

INTERIOR PLAN - SECOND FLOOR
THIRD & FOURTH FLOOR (Similar - Corridors Only)
SCALE: 1/8" = 1'-0"

NOTE:
THIRD FLOOR ALTERNATES 2 THRU 13
SIMILAR TO SECOND FLOOR LABS.

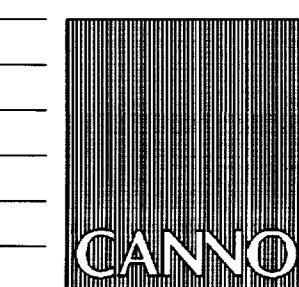
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OR TO OBTAIN GUIDANCE
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WHICH ARISE FROM FAILURE TO FOLLOW THESE
PLANS, SPECIFICATIONS AND THE DESIGN INTENT
THEY CONVEY, OR FOR PROBLEMS WHICH ARISE
FROM OTHERS' FAILURE TO OBTAIN AND/OR
FOLLOW THE DESIGN PROFESSIONAL'S GUIDANCE
WITH RESPECT TO ANY ERRORS, OMISSIONS,
INCONSISTENCIES, AMBIGUITIES OR CONFLICTS
WHICH ARE ALLEGED.

RECORD DRAWINGS DATE August 1995
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CHRISMAN, MILLER, WOODFORD, INC.



KEY PLAN

project no.	date
University of Kentucky Lexington, Kentucky	
approved by	FINAL DOCUMENTS
drawn by	
checked by	
revision	
drawing	



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Project North

Revision Date
Issue Date Dec. 92
Drawing Title

REFLECTED CLG. PLAN
BASEMENT FLOOR,
MISC. DETAILS

Drawn by: HA, SN

Checked by: KVLN, JB

Project No. Scale
90240.01 1/8" = 1'-0"

Drawing No.

6.01

REFLECTED CEILING
PLAN LEGEND

- FLUORESCENT LIGHT FIXTURE
- SUSPENDED UP/DOWN LIGHT FIXTURE
- DOWNLIGHT
- MECHANICAL SUPPLY
- MECHANICAL RETURN
- FUTURE DIFFUSER
- SUSPENDED ACOUSTICAL CEILING
- GYPSUM BOARD CEILING
- EXIT SIGN
- SPRINKLER HEAD

REFLECTED CEILING NOTES
PLAN LEGEND

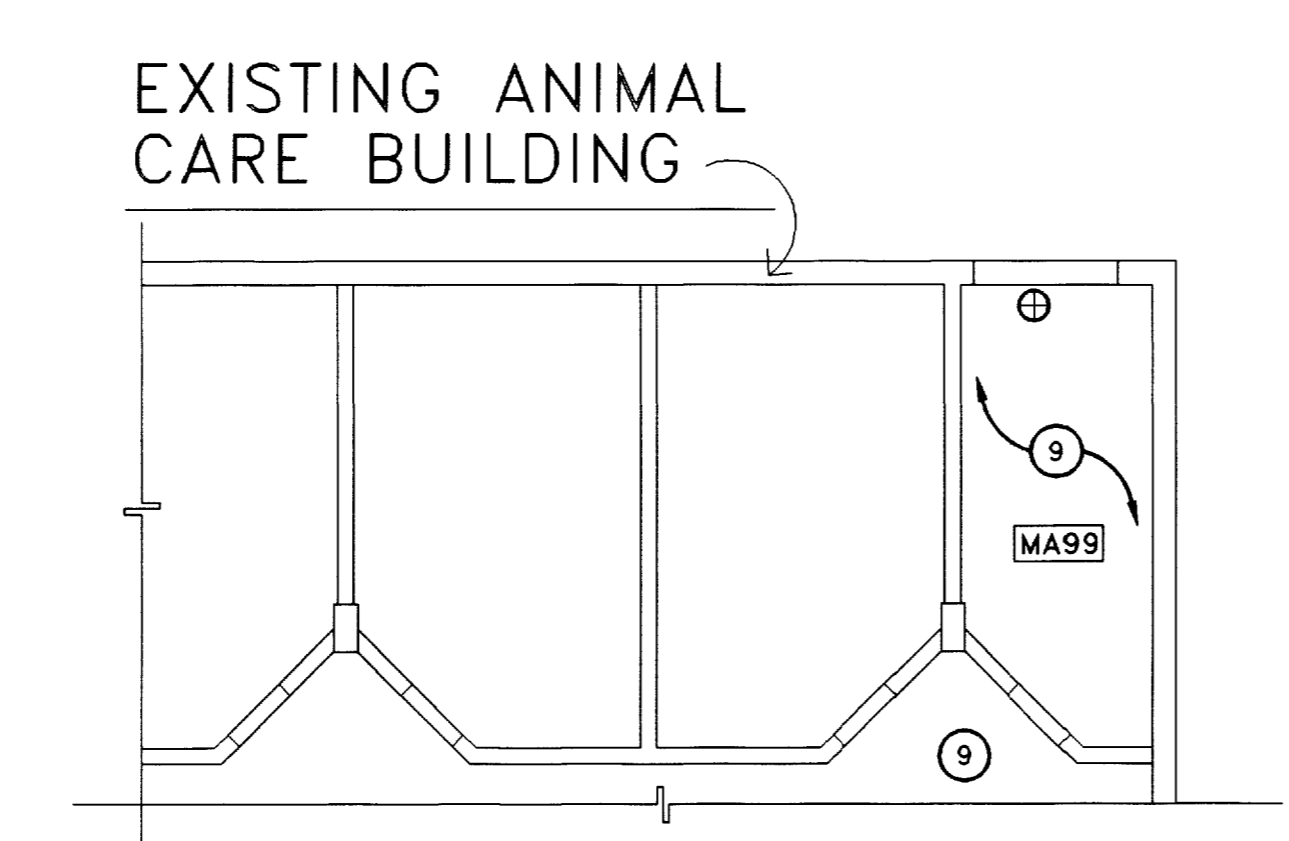
- 1 NO CEILING THIS AREA. EXPOSED CONCRETE STRUCTURE. REFER TO MECH. AND ELEC. DRAWINGS FOR LIGHTS AND DIFFUSERS.
- 2 GYPSUM BOARD SOFFIT @ 7'-0" A.F.F.
- 3 GYPSUM BOARD SOFFIT @ 8'-0" A.F.F.
- 4 MECHANICAL UNIT AND GYP. BD. SOFFIT. SEE DETAILS F/4.11 & H/4.11 @ WINDOW WALL. PROVIDE CEILING ANGLE @ COLS.
- 5 FUME HOOD ENCLOSURE THRU CEILING.
- 6 GYPSUM BOARD SOFFIT @ 9'-0" A.F.F.
- 7 PLASTIC LAMINATE SOFFIT THRU CEILING.
- 8 EMERGENCY SHOWER. SEE MECHANICAL DRAWINGS.
- 9 EXISTING CEILING TO REMAIN.
- 10 TIE INTO EXISTING SUSPENDED ACOUSTICAL GRID. PATCH & REPAIR GRID AS REQUIRED BY DEMOLITION.
- 11 SMOKE BAFFLE. SEE DETAIL E/5.9.
- 12 PROJECTION SCREEN 9'X9'
- 13 PROJECTION SCREEN 7'X9'
- 14 SYNTHETIC PLASTER SOFFITS W/(2) CONT. 1" VENTS (W/ INSECT SCREEN). SEE EXTERIOR WALL SECTIONS.
- 15 GYPSUM BOARD SOFFITS @ 11'-8" A.F.F. LAYIN CEILING @ 12'-0" A.F.F.
- 16 SYNTHETIC PLASTER CEILING W/ CONT. 1" VENTS AROUND PERIMETER. SEE C/4.9 (SIM. @ REAR).
- 17 P.C. SOFFIT. SEE C/4.9.
- 18 GLAZED TILE SOFFIT.
- 19 INSTALL CEILING AS HIGH AS POSSIBLE.

GENERAL NOTE:

REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE TYPES.
REFER TO MECHANICAL DRAWINGS FOR DIFFUSER TYPES.



NOTE:
ALL 2 X 4 GRIDS SHOWN HAVE BEEN CHANGED
TO 2 X 2.



RECORD DRAWINGS DATE August 1995
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FAILURE TO ABIDE BY DESIGN DOCUMENTS OR TO OBTAIN GUIDANCE
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date	
file no.	
dr. by	
ck. by	
revision	
drawing no.	
approved by	
director - design and construction division	date

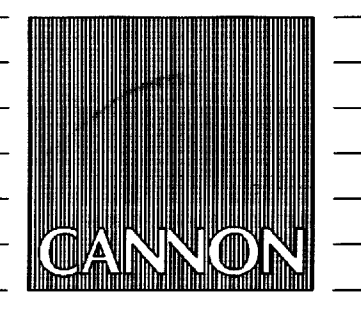
REFLECTED CLG. PLAN
BASEMENT FLOOR
SCALE: 1/8" = 1'-0"

00 20 78
Sheet

FAILURE TO ABIDE BY DESIGN DOCUMENTS OR TO OBTAIN GUIDANCE
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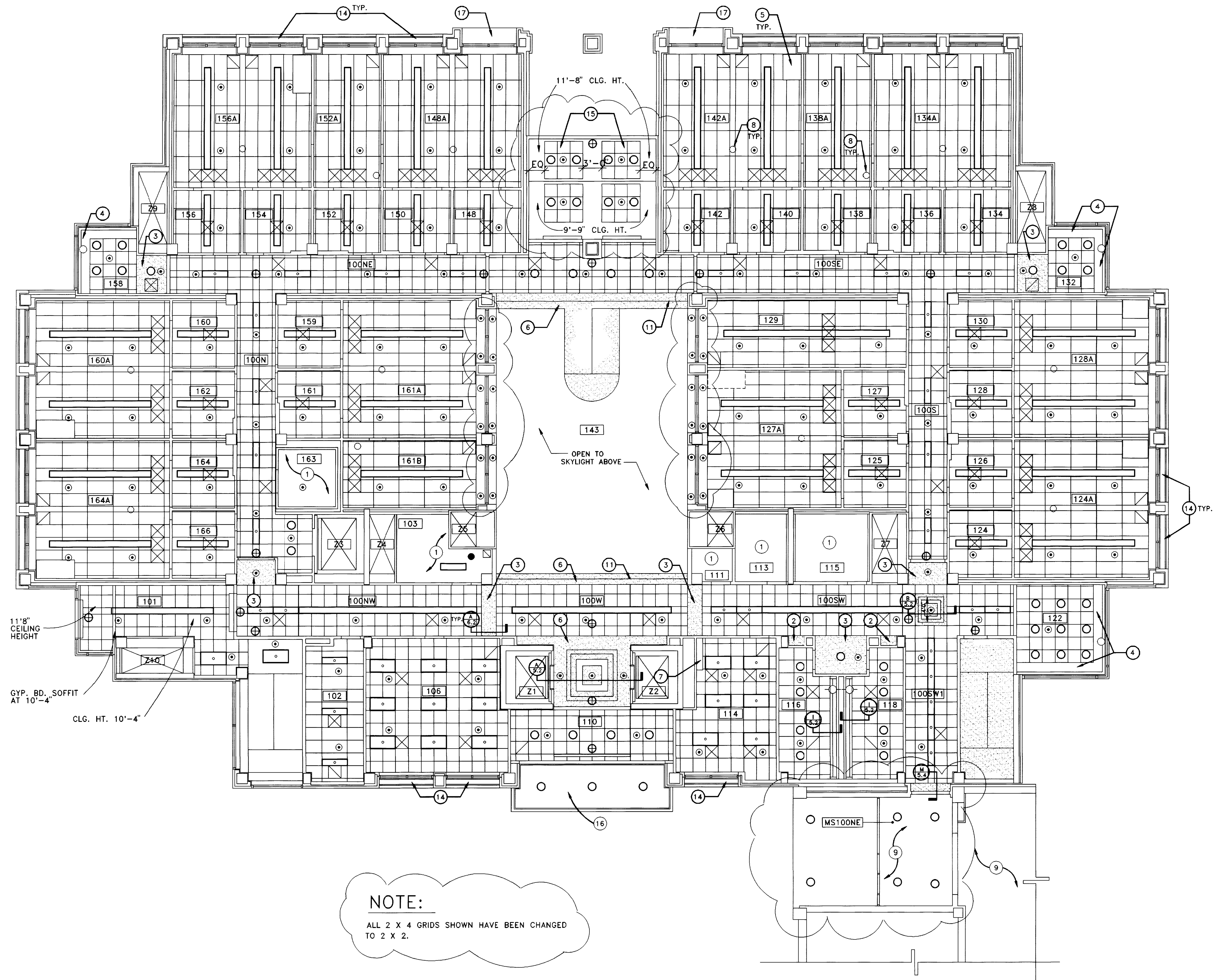
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REFLECTED CEILING PLAN LEGEND

- FLUORESCENT LIGHT FIXTURE
- SUSPENDED UP/DOWN LIGHT FIXTURE
- DOWNLIGHT
- ⊗ MECHANICAL SUPPLY
- ⊘ MECHANICAL RETURN
- FUTURE DIFFUSER
- ⊞ SUSPENDED ACOUSTICAL CEILING
- ▒ GYPSUM BOARD CEILING
- ⊕ EXIT SIGN
- SPRINKLER HEAD

REFLECTED CEILING NOTES PLAN LEGEND

- 1 NO. CEILING THIS AREA. EXPOSED CONCRETE STRUCTURE. REFER TO MECH. AND ELEC. DRAWINGS FOR LIGHTS AND DIFFUSERS.
- 2 GYPSUM BOARD SOFFIT @ 7'0" A.F.F.
- 3 GYPSUM BOARD SOFFIT @ 8'0" A.F.F.
- 4 MECHANICAL UNIT AND GYP. BD. SOFFIT. SEE DETAILS F/4.11 & H/4.11 @ WINDOW WALL. PROVIDE CEILING ANGLE @ COLS.
- 5 FUME HOOD ENCLOSURE THRU CEILING.
- 6 GYPSUM BOARD SOFFIT @ 9'0" A.F.F.
- 7 PLASTIC LAMINATE SOFFIT THRU CEILING.
- 8 EMERGENCY SHOWER. SEE MECHANICAL DRAWINGS.
- 9 EXISTING CEILING TO REMAIN.
- 10 TIE INTO EXISTING SUSPENDED ACOUSTICAL GRID. PATCH & REPAIR GRID AS REQUIRED BY DEMOLITION.
- 11 SMOKE BAFFLE. SEE DETAIL E/5.9.
- 12 PROJECTION SCREEN 9'X9'
- 13 PROJECTION SCREEN 7'X9'
- 14 SYNTHETIC PLASTER SOFFITS W/(2) CONT. 1" VENTS (W/ INSECT SCREEN). SEE EXTERIOR WALL SECTIONS.
- 15 GYPSUM BOARD SOFFITS @ 11'8" A.F.F.; LAYIN CEILING @ 12'0" A.F.F.
- 16 SYNTHETIC PLASTER CEILING W/ CONT. 1" VENTS AROUND PERIMETER. SEE C/4.9 (SIM. @ REAR).
- 17 P.C. SOFFIT. SEE C/4.9.
- 18 GLAZED TILE SOFFIT.

GENERAL NOTE:

REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE TYPES.
 REFER TO MECHANICAL DRAWINGS FOR DIFFUSER TYPES.

EXISTING MEDICAL SCIENCE BUILDING

RECORD DRAWINGS DATE August 1995

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Revision	Date
Issue Date	Dec. 92
Drawing Title	

REFLECTED CLG. PLAN
 FIRST FLOOR,
 MISC. DETAILS

Drawn by: HA, SN

Checked by: KVLM, JB

Project No. Scale
 90240.01 1/8" = 1'-0"

Drawing No. 6.2

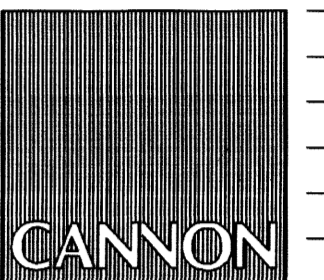
REFLECTED CLG. PLAN
 FIRST FLOOR
 SCALE: 1/8" = 1'-0"

project no.	
date	
file no.	
dr. by	
ck. by	
revision	
drawing no.	
approved by	
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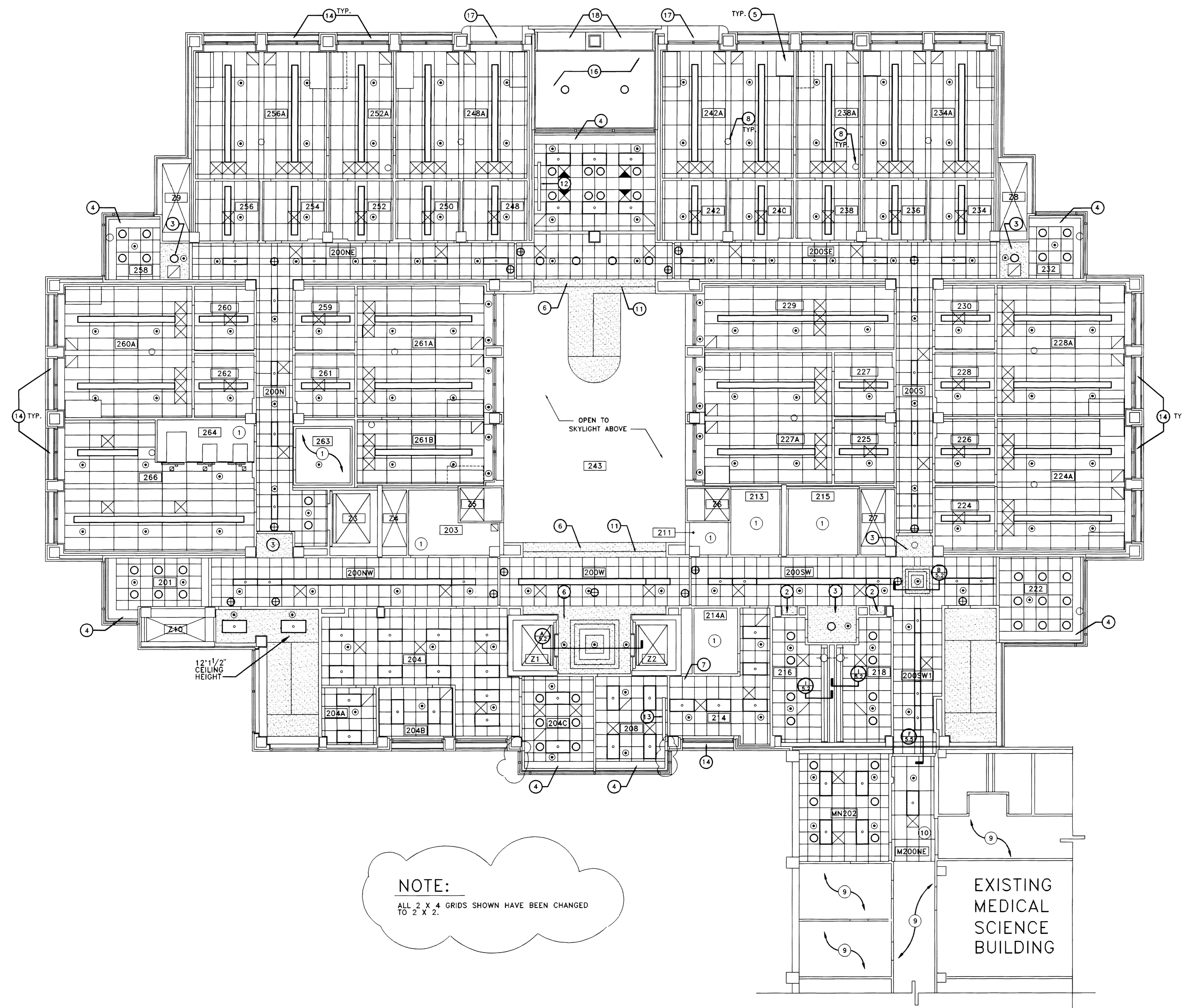
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REFLECTED CEILING PLAN LEGEND

- FLUORESCENT LIGHT FIXTURE
- SUSPENDED UP/DOWN LIGHT FIXTURE
- DOWNLIGHT
- ⊗ MECHANICAL SUPPLY
- ⊘ MECHANICAL RETURN
- FUTURE DIFFUSER
- ▣ SUSPENDED ACOUSTICAL CEILING
- ▤ GYPSUM BOARD CEILING
- ⊕ EXIT SIGN
- ⊙ SPRINKLER HEAD

REFLECTED CEILING NOTES PLAN LEGEND

- 1 NO CEILING THIS AREA. EXPOSED CONCRETE STRUCTURE. REFER TO MECH. AND ELEC. DRAWINGS FOR LIGHTS AND DIFFUSERS.
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- 3 GYPSUM BOARD SOFFIT @ 8'0" A.F.F.
- 4 MECHANICAL UNIT AND GYP. BD. SOFFIT. SEE DETAILS F/4.11 & H/4.11 @ WINDOW WALL. PROVIDE CEILING ANGLE @ COLS.
- 5 FUME HOOD ENCLOSURE THRU CEILING.
- 6 GYPSUM BOARD SOFFIT @ 9'0" A.F.F.
- 7 PLASTIC LAMINATE SOFFIT THRU CEILING.
- 8 EMERGENCY SHOWER. SEE MECHANICAL DRAWINGS.
- 9 EXISTING CEILING TO REMAIN.
- 10 TIE INTO EXISTING SUSPENDED ACOUSTICAL GRID. PATCH & REPAIR GRID AS REQUIRED BY DEMOLITION.
- 11 SMOKE BAFFLE. SEE DETAIL E/5.9.
- 12 PROJECTION SCREEN 9'X9'
- 13 PROJECTION SCREEN 7'X9'
- 14 SYNTHETIC PLASTER SOFFITS W/(2) CONT. 1" VENTS (W/ INSECT SCREEN). SEE EXTERIOR WALL SECTIONS.
- 15 GYPSUM BOARD SOFFITS @ 11'8" A.F.F. LAYIN CEILING @ 12'0" A.F.F.
- 16 SYNTHETIC PLASTER CEILING W/ CONT. 1" VENTS AROUND PERIMETER. SEE C/4.9 (SIM. @ REAR).
- 17 P.C. SOFFIT, SEE C/4.9.
- 18 GLAZED TILE SOFFIT.

GENERAL NOTE:

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RECORD DRAWINGS DATE August 1995

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date	
file no.	
dr. by	
ck. by	
revision	
drawing no.	
approved by	
director - design and construction division	

University of Kentucky
 Lexington, Kentucky

Revision	Date
Issue Date	Dec. 92

Drawing Title
 REFLECTED CLG. PLAN
 SECOND FLOOR,
 MISC. DETAILS

Drawn by: HA, SN

Checked by: KVL, JB

Project No. Scale
 90240.01 1/8" = 1'-0"

Drawing No.
 6.3

REFLECTED CLG. PLAN
 SECOND FLOOR
 SCALE: 1/8" = 1'-0"

NOTE:
 ALL 2 X 4 GRIDS SHOWN HAVE BEEN CHANGED TO 2 X 2.

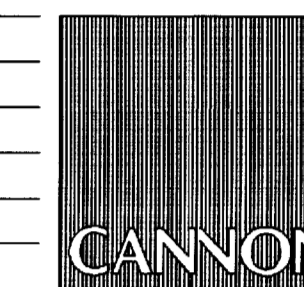
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MEDICAL RESEARCH EXPANSION SPACE
 Project No. 747.0
 Lexington, Kentucky



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 INTERIOR DESIGN

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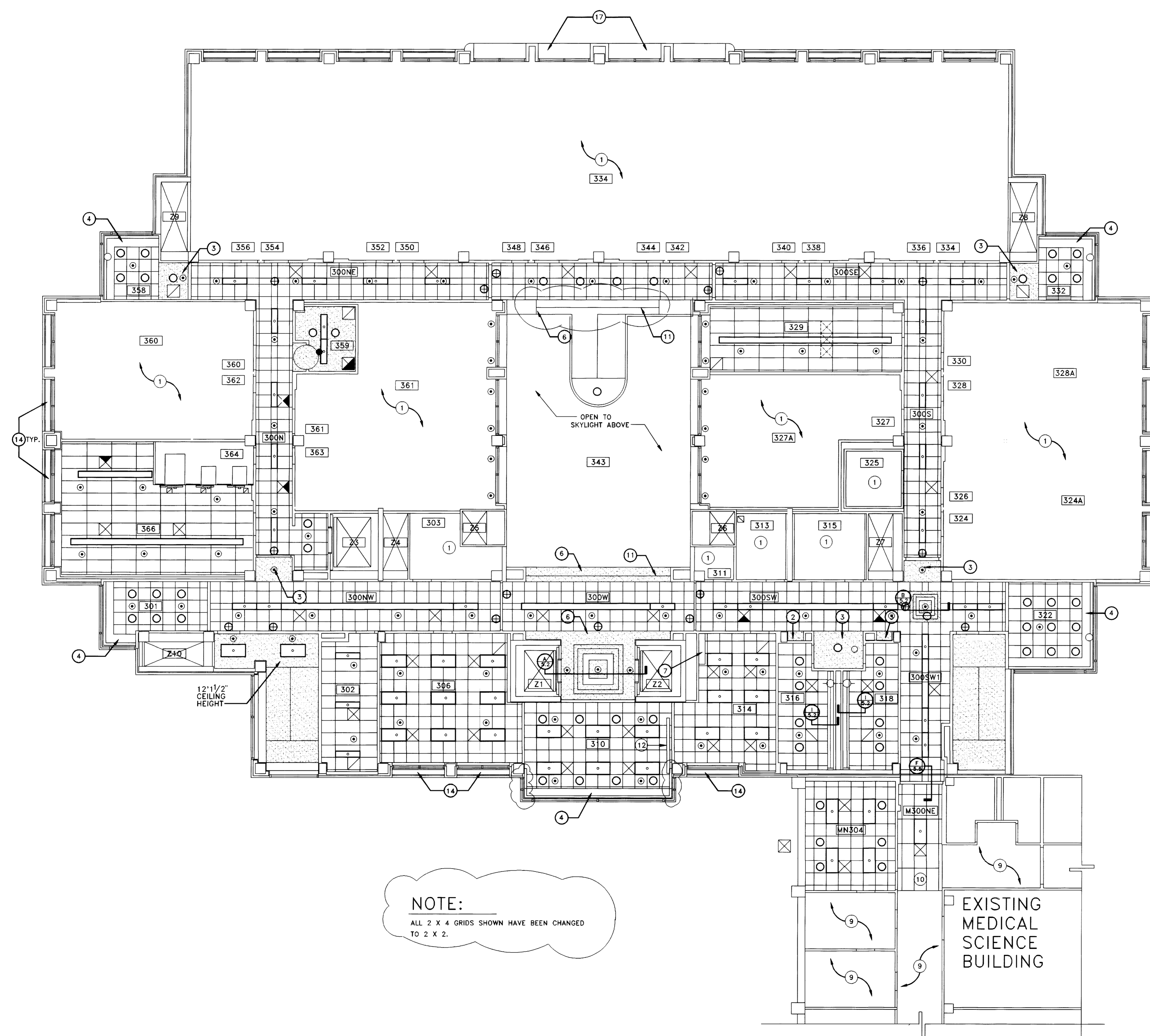
165 North Meramec, Suite 600
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 314-862-5660

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CHRISMAN • MILLER
 • WOODFORD • INC.

ARCHITECTURE ENGINEERING
 PLANNING INTERIORS

326 South Broadway
 Lexington, Kentucky
 606-254-6623



REFLECTED CEILING PLAN LEGEND

- FLUORESCENT LIGHT FIXTURE
- SUSPENDED UP/DOWN LIGHT FIXTURE
- DOWNLIGHT
- MECHANICAL SUPPLY
- MECHANICAL RETURN
- FUTURE DIFFUSER
- SUSPENDED ACOUSTICAL CEILING
- GYPSUM BOARD CEILING
- EXIT SIGN
- SPRINKLER HEAD

REFLECTED CEILING NOTES PLAN LEGEND

- ① NO CEILING THIS AREA. EXPOSED CONCRETE STRUCTURE. REFER TO MECH. AND ELEC. DRAWINGS FOR LIGHTS AND DIFFUSERS.
- ② GYPSUM BOARD SOFFIT @ 7'0" A.F.F.
- ③ GYPSUM BOARD SOFFIT @ 8'0" A.F.F.
- ④ MECHANICAL UNIT AND GYP. BD. SOFFIT. SEE DETAILS F/4.1.1 & W/4.1.1 @ WINDOW WALL. PROVIDE CEILING ANGLE @ COLS.
- ⑤ FUME HOOD ENCLOSURE THRU CEILING.
- ⑥ GYPSUM BOARD SOFFIT @ 9'0" A.F.F.
- ⑦ PLASTIC LAMINATE SOFFIT THRU CEILING.
- ⑧ EMERGENCY SHOWER. SEE MECHANICAL DRAWINGS.
- ⑨ EXISTING CEILING TO REMAIN.
- ⑩ TIE INTO EXISTING SUSPENDED ACOUSTICAL GRID. PATCH & REPAIR GRID AS REQUIRED BY DEMOLITION.
- ⑪ SMOKE BAFFLE. SEE DETAIL E/5.9.
- ⑫ PROJECTION SCREEN 9'X9'
- ⑬ PROJECTION SCREEN 7'X9'
- ⑭ SYNTHETIC PLASTER SOFFITS W/(2) CONT. 1" VENTS (W/ INSECT SCREEN). SEE EXTERIOR WALL SECTIONS.
- ⑮ GYPSUM BOARD SOFFITS @ 11'8" A.F.F.; LAYIN CEILING @ 12'0" A.F.F.
- ⑯ SYNTHETIC PLASTER CEILING W/ CONT. 1" VENTS AROUND PERIMETER. SEE C/4.9 (SIM. @ REAR).
- ⑰ P.C. SOFFIT. SEE C/4.9.
- ⑱ GLAZED TILE SOFFIT.

GENERAL NOTE:

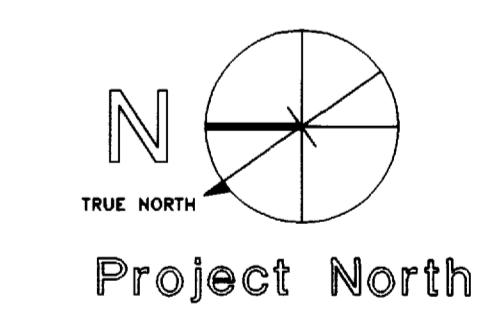
REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE TYPES.
 REFER TO MECHANICAL DRAWINGS FOR DIFFUSER TYPES.

RECORD DRAWINGS DATE August 1995

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NOTE:
 ALL 2 X 4 GRIDS SHOWN HAVE BEEN CHANGED TO 2 X 2.



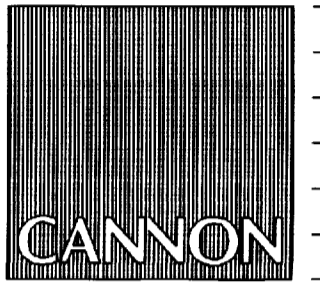
REFLECTED CLG. PLAN
 THIRD FLOOR
 SCALE: 1/8" = 1'-0"

project no.	
date	
file no.	
dr. by	
chk. by	
revision	
drawing no.	
approved by	
director - design and construction division	date

University of Kentucky
 Lexington, Kentucky

Revision	Date
Issue Date	Dec. 92
Drawing Title	
REFLECTED CLG. PLAN THIRD FLOOR, MISC. DETAILS	
Drawn by: HA, SN	
Checked by: KVLM, JB	
Project No.	Scale
90240.01	1/8" = 1'-0"
Drawing No.	
6.4	

183200
 Document # 00281
 46 B-2



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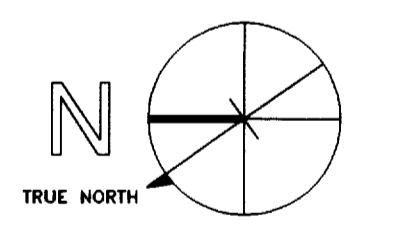
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Project North

Revision	Date
Issue Date	Dec. 92
Drawing Title	

REFLECTED CLG. PLAN
FOURTH FLOOR,
MISC. DETAILS

Drawn by: HA, SN

Checked by: KVLM, JB

Project No. Scale
90240.01 1/8" = 1'-0"

Drawing No.
6.5

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REFLECTED CEILING PLAN LEGEND

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- SUSPENDED UP/DOWN LIGHT FIXTURE
- DOWNLIGHT
- MECHANICAL SUPPLY
- MECHANICAL RETURN
- FUTURE DIFFUSER
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- GYPSUM BOARD CEILING
- EXIT SIGN
- SPRINKLER HEAD

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- 2 GYPSUM BOARD SOFFIT @ 7'0" A.F.F.
- 3 GYPSUM BOARD SOFFIT @ 8'0" A.F.F.
- 4 MECHANICAL UNIT AND GYP. BD. SOFFIT. SEE DETAILS F/4.11 & H/4.11 @ WINDOW WALL. PROVIDE CEILING ANGLE @ COLS.
- 5 FUME HOOD ENCLOSURE THRU CEILING.
- 6 GYPSUM BOARD SOFFIT @ 9'0" A.F.F.
- 7 PLASTIC LAMINATE SOFFIT THRU CEILING.
- 8 EMERGENCY SHOWER. SEE MECHANICAL DRAWINGS.
- 9 EXISTING CEILING TO REMAIN.
- 10 TIE INTO EXISTING SUSPENDED ACOUSTICAL GRID. PATCH & REPAIR GRID AS REQUIRED BY DEMOLITION.
- 11 SMOKE BAFFLE. SEE DETAIL E/5.9.
- 12 PROJECTION SCREEN 9'X9'
- 13 PROJECTION SCREEN 7'X9'
- 14 SYNTHETIC PLASTER SOFFITS W/(2) CONT. 1" VENTS (W/ INSECT SCREEN). SEE EXTERIOR WALL SECTIONS.
- 15 GYPSUM BOARD SOFFITS @ 11'8" A.F.F.; LAYIN CEILING @ 12'0" A.F.F.
- 16 SYNTHETIC PLASTER CEILING W/ CONT. 1" VENTS AROUND PERIMETER. SEE C/4.9 (SIM. @ REAR).
- 17 P.C. SOFFIT. SEE C/4.9.
- 18 GLAZED TILE SOFFIT.

GENERAL NOTE:

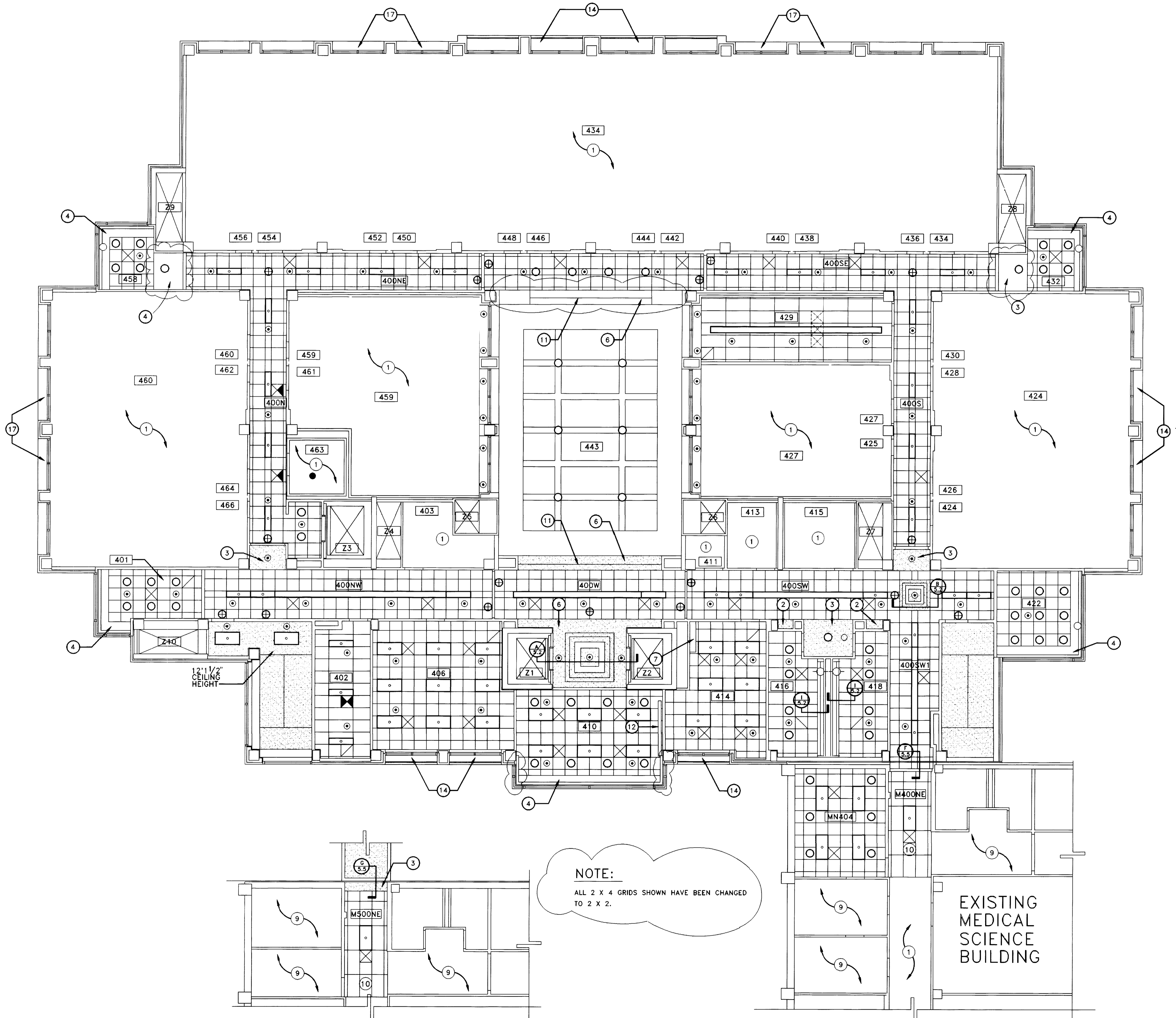
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REFER TO MECHANICAL DRAWINGS FOR DIFFUSER TYPES.

RECORD DRAWINGS DATE August 1995

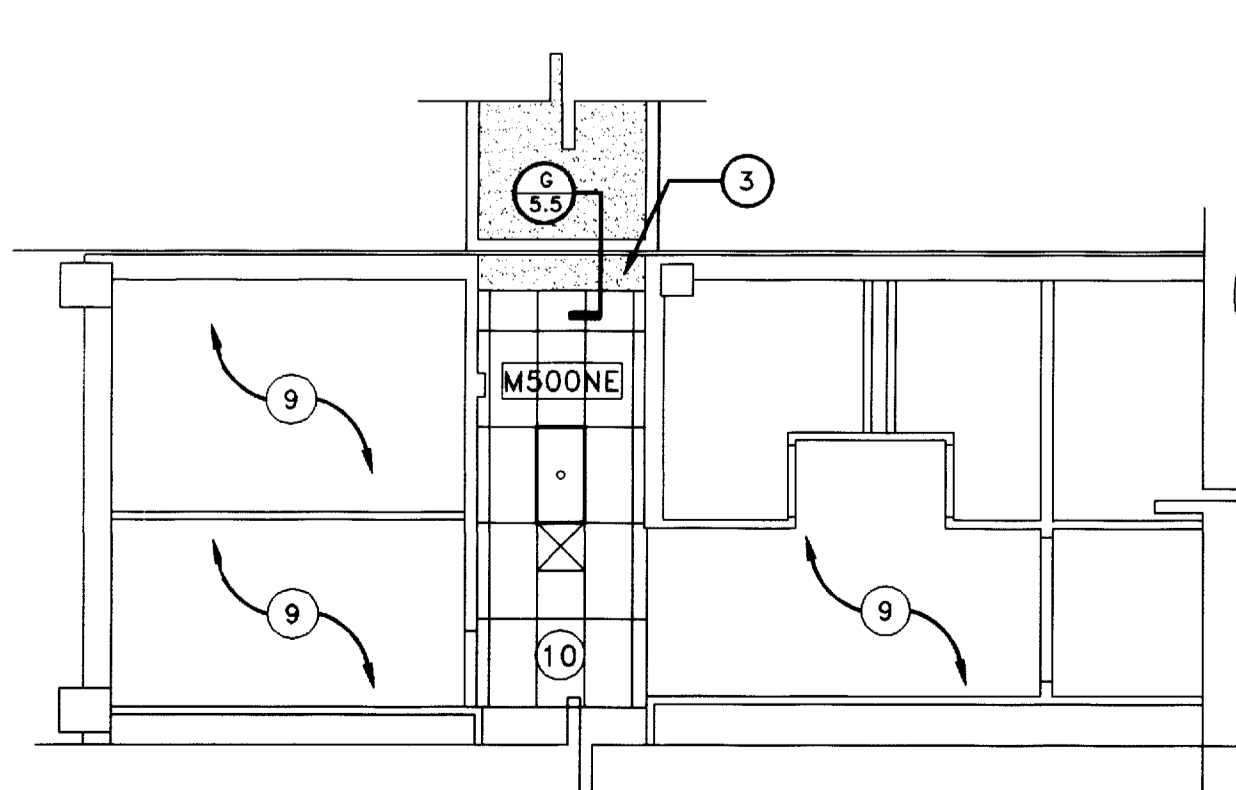
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CHRISMAN, MILLER, WOODFORD, INC.

approved by	date	drawing no.
University of Kentucky Lexington, Kentucky		
director - design and construction division		



NOTE:
ALL 2 X 4 GRIDS SHOWN HAVE BEEN CHANGED TO 2 X 2.



PARTIAL REFLECTED CLG. PLAN
FIFTH FLOOR MEDICAL SCIENCE BLDG.
SCALE: 1/8" = 1'-0"

REFLECTED CLG. PLAN
FOURTH FLOOR
SCALE: 1/8" = 1'-0"



ARCHITECTURE
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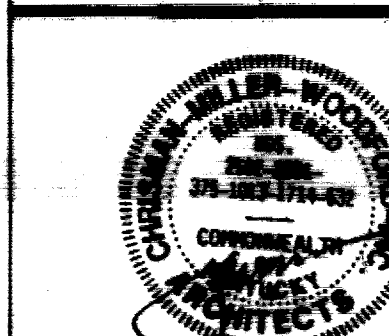
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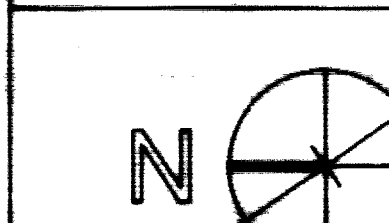
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RECORD DRAWINGS DATE August 1988

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CHRISMAN, MILLER, WOODFORD, INC.



Project North

Revision	Date
Issue Date	DEC. 1982

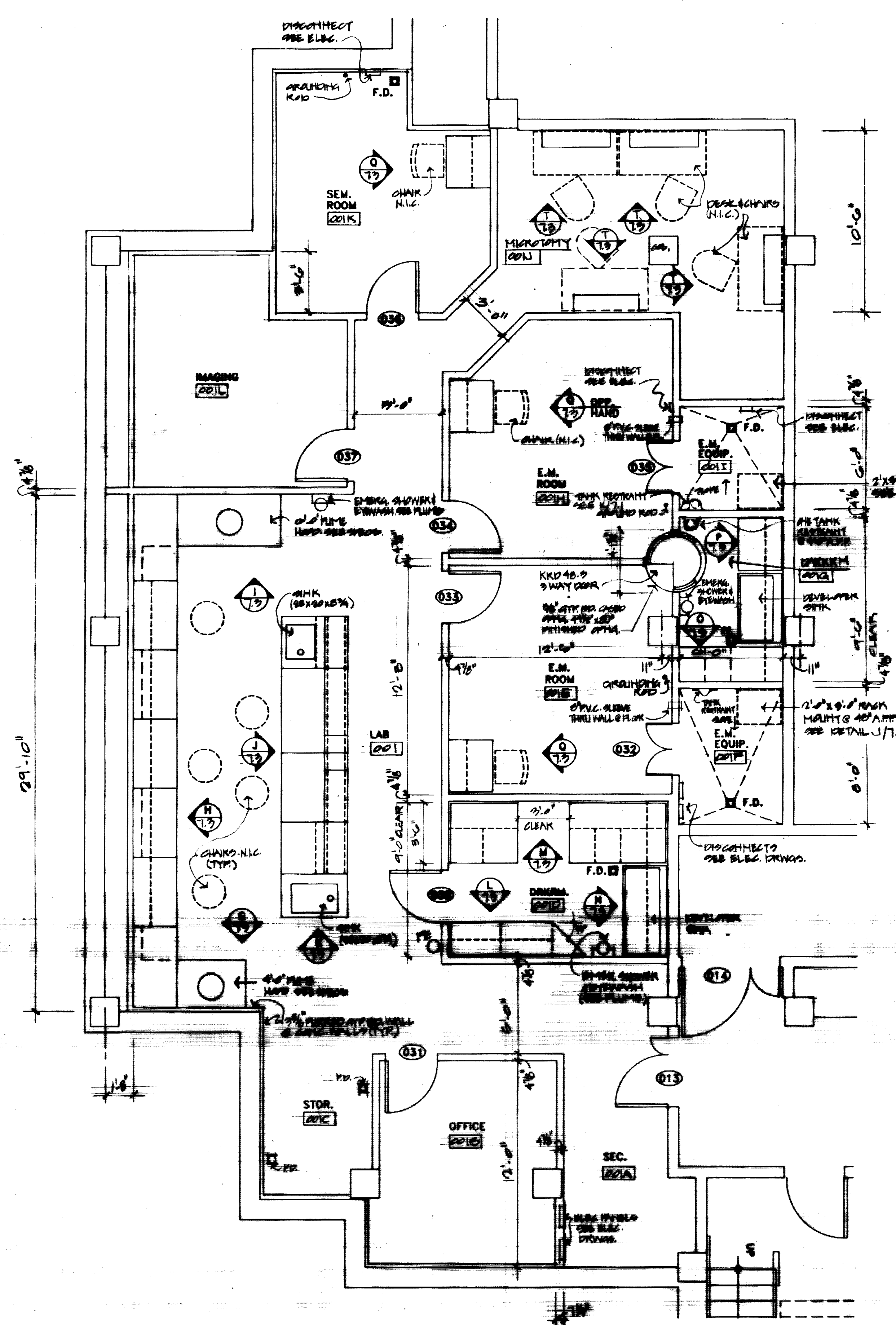
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ENLARGED PLANS - LABS

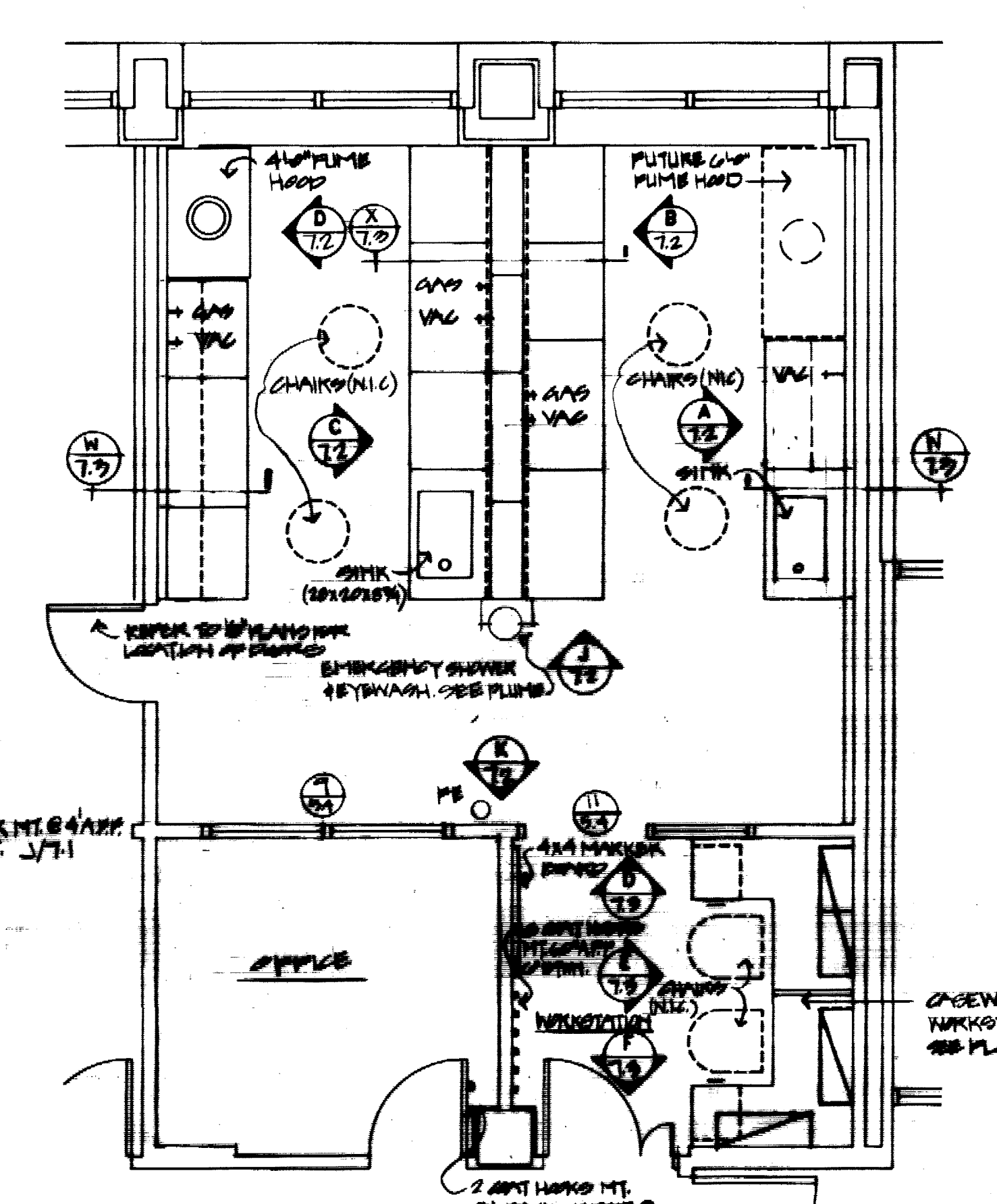
4 SUPPORT AREAS

Drawn by
KAM BLM BW JES MTH HA
Checked by
MTF JFS BW
Project No. Scale
80793 1/4" = 1'-0"
Drawing No.

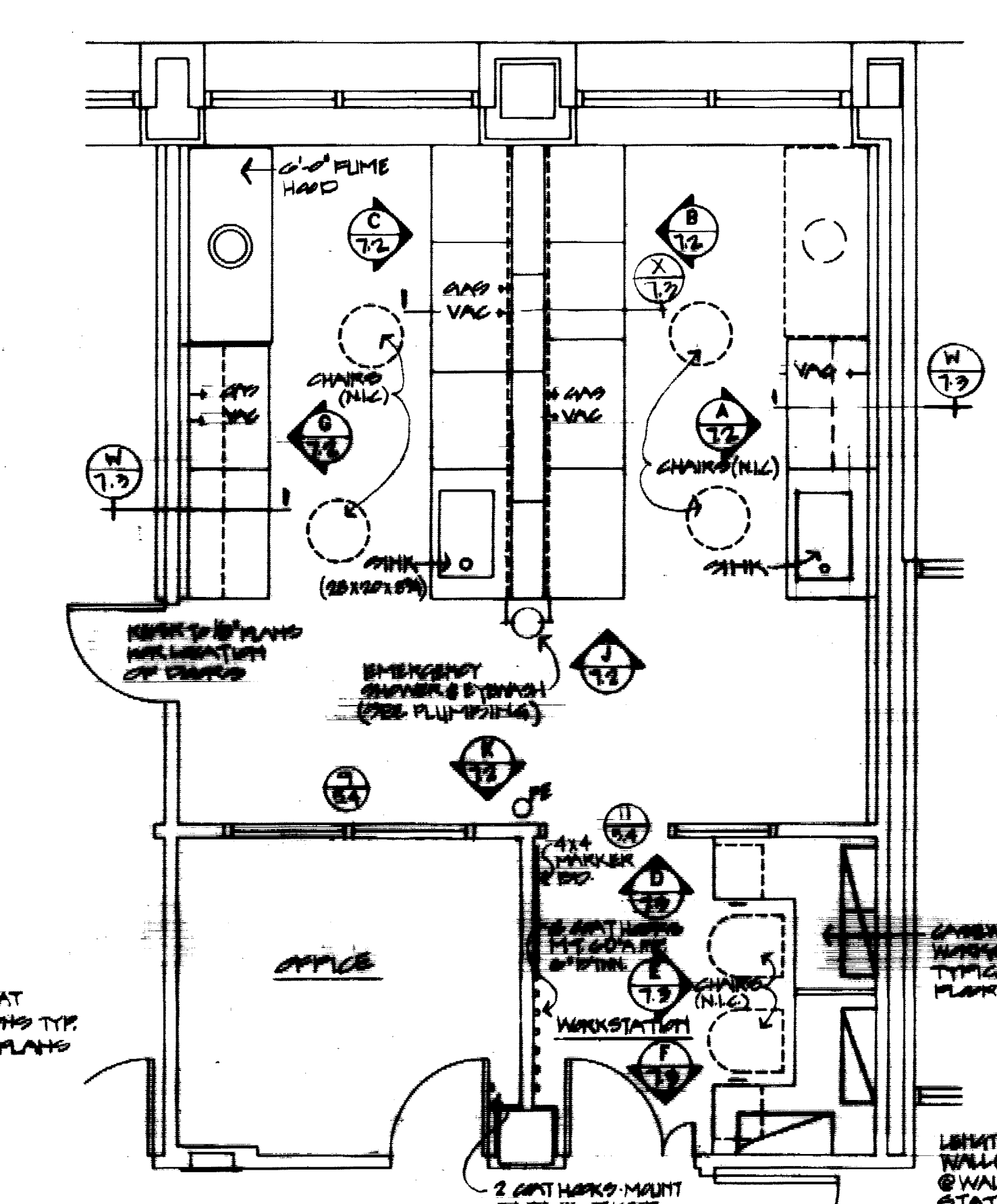
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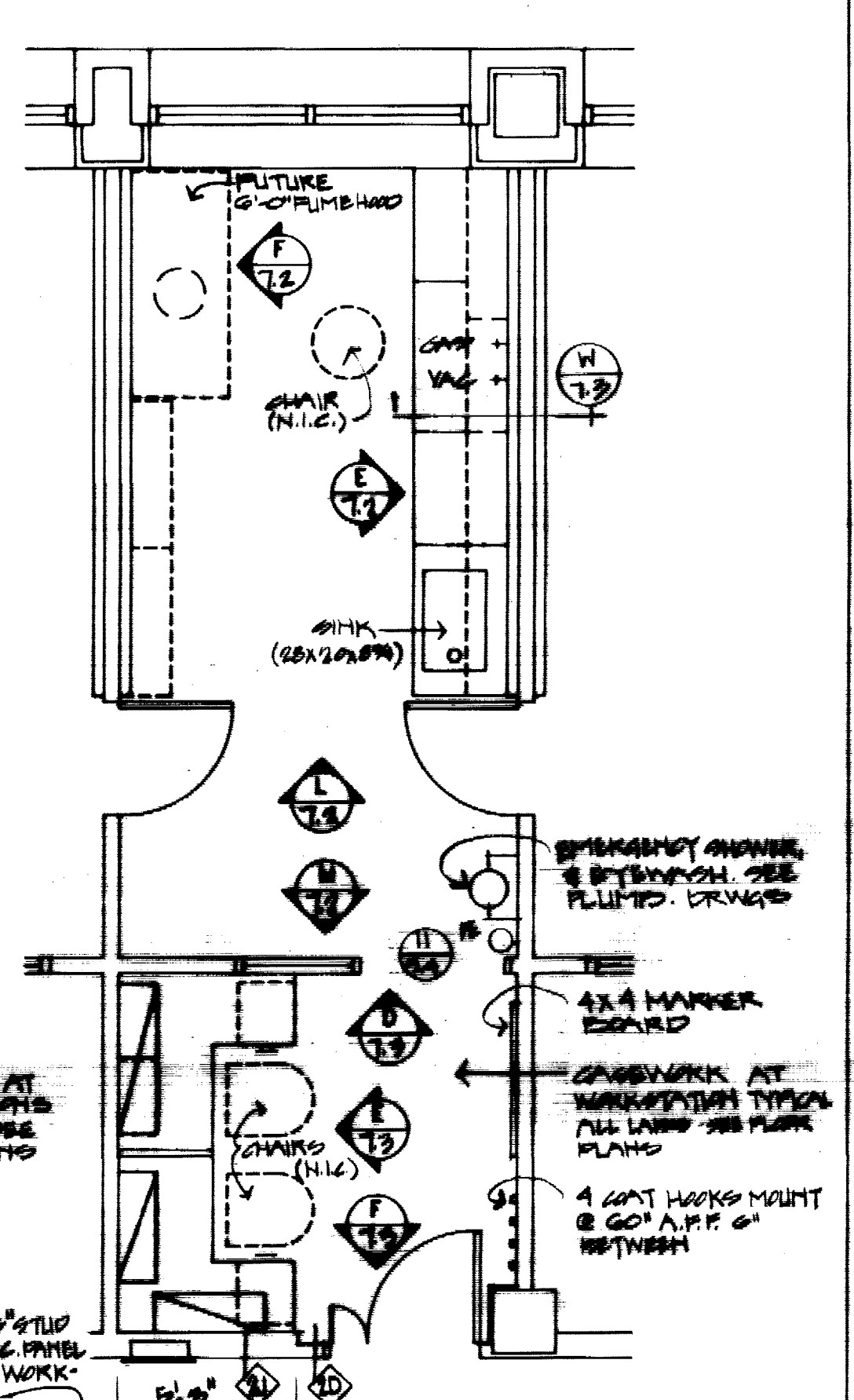
ENLARGED PLAN - MICROSCOPIC CENTER - BASEMENT FLOOR
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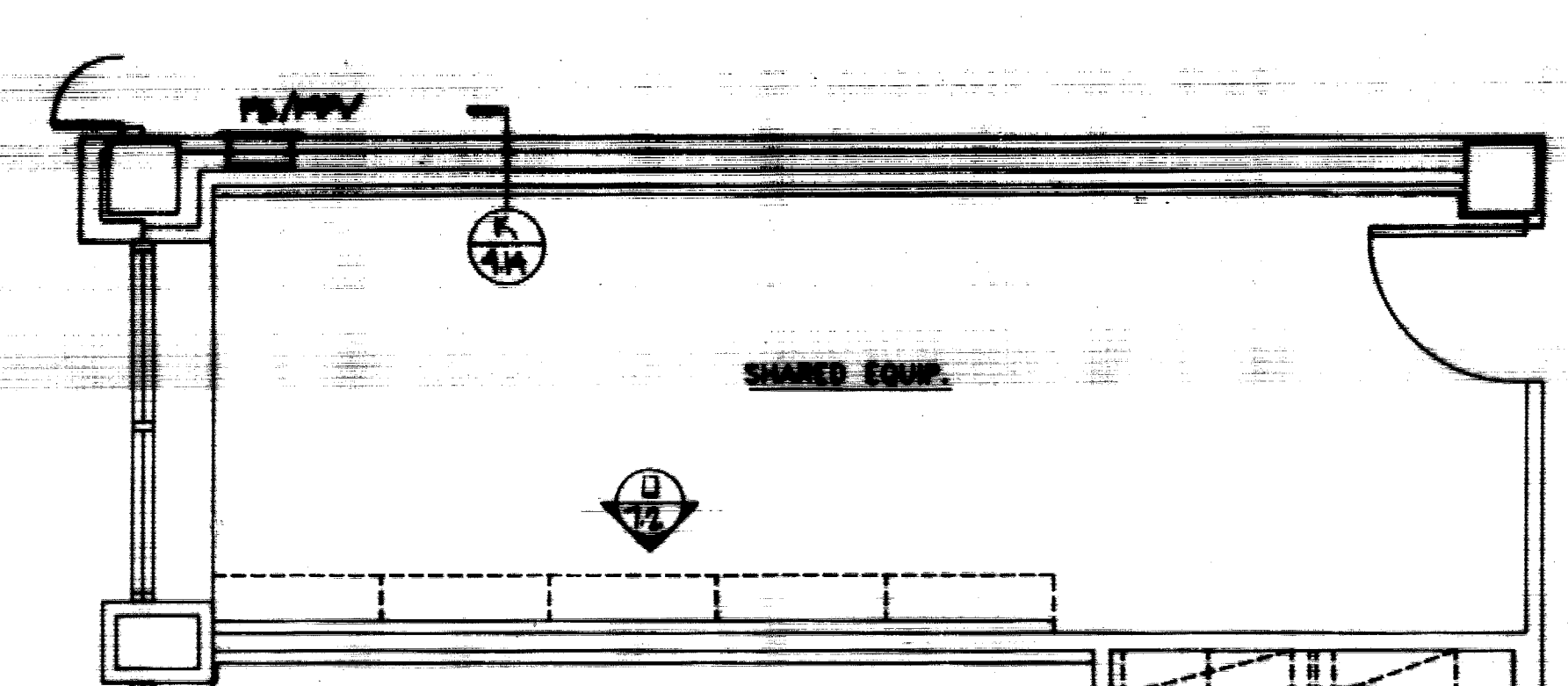
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SCALE: 1/4" = 1'-0"



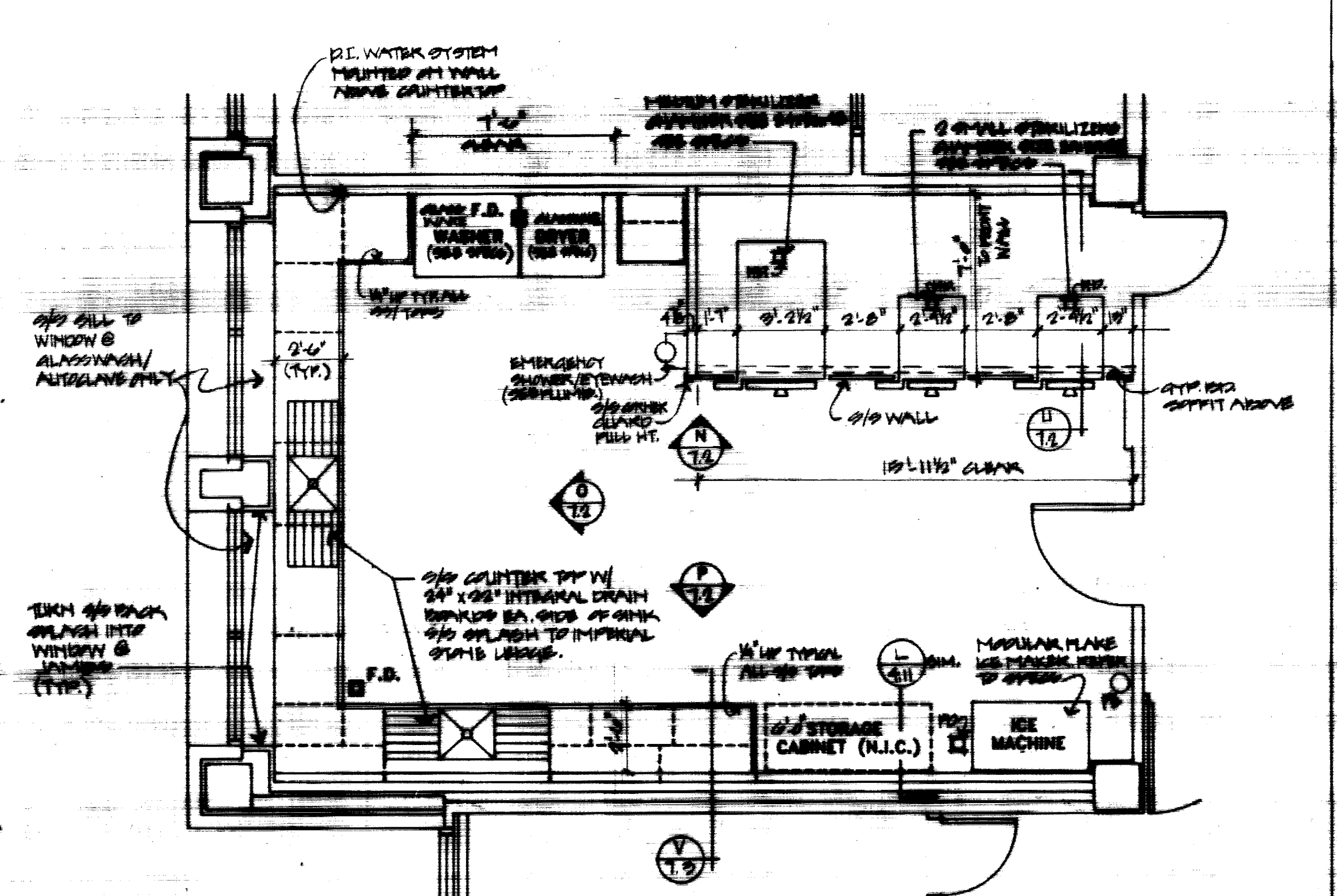
ENLARGED PLAN LABS 100A, 104A, LABS 200A, 248A, LABS 150A, 250A (OPP. HAND)
SCALE: 1/4" = 1'-0"



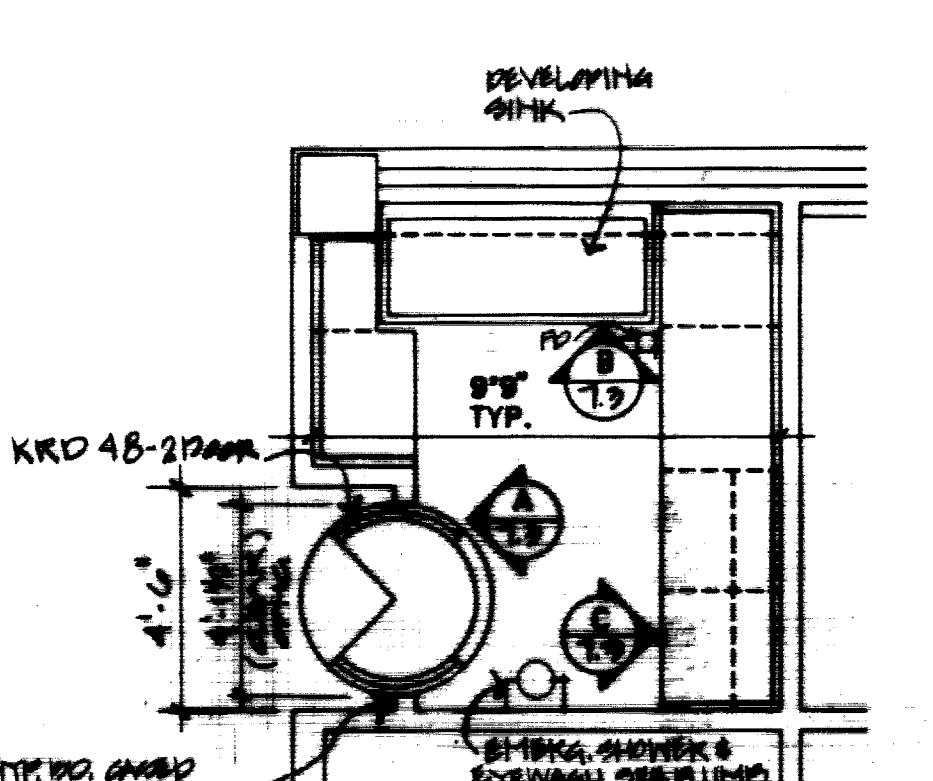
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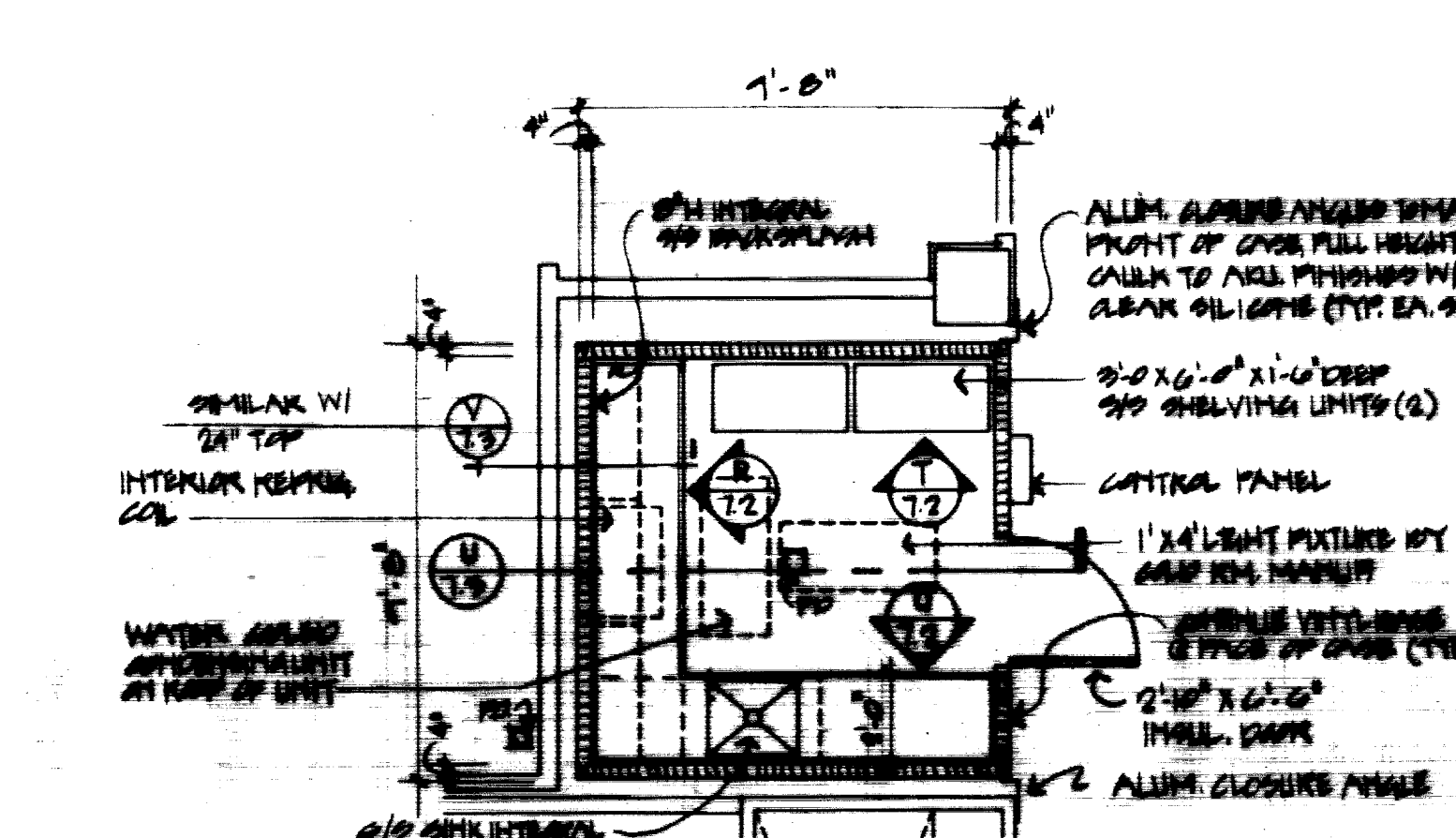
ENLARGED PLAN - SHARED EQUIPMENT 129, 229, 329 & 429
SCALE: 1/4" = 1'-0"



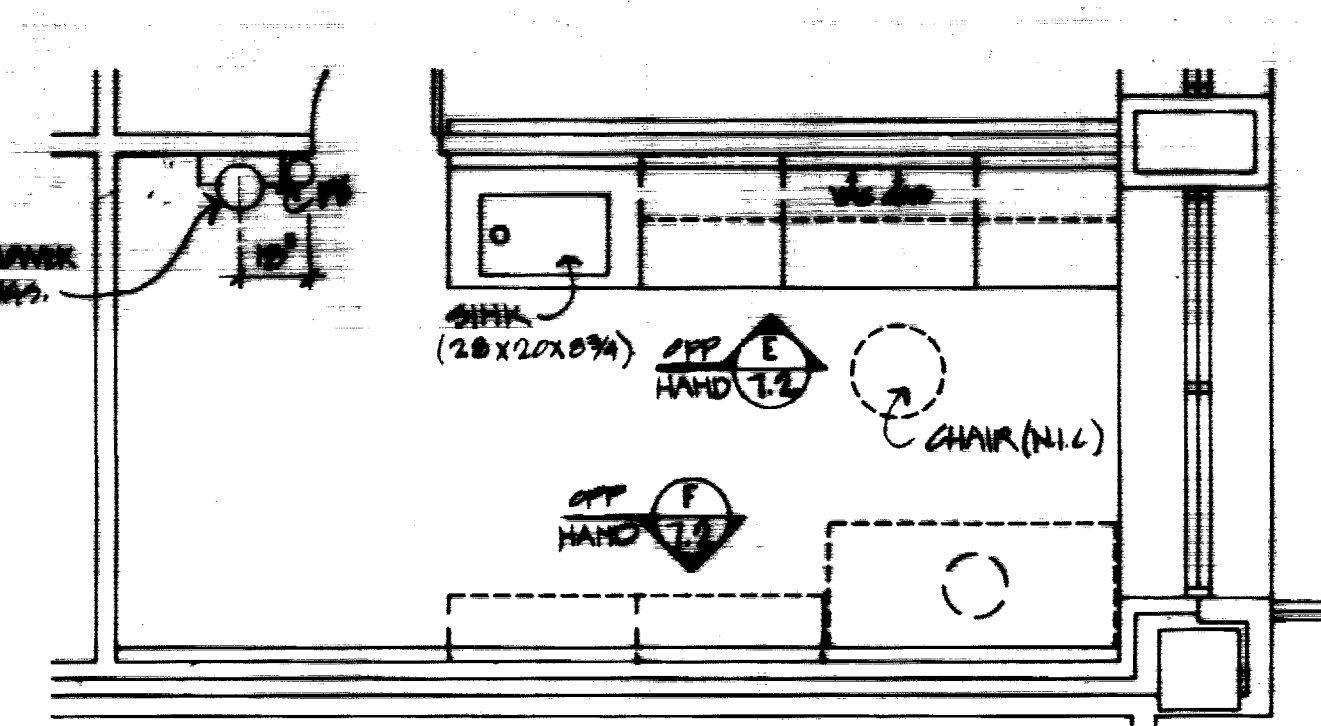
ENLARGED PLAN - GLASSWASH/AUTOClave - 200 & 300
SCALE: 1/4" = 1'-0"



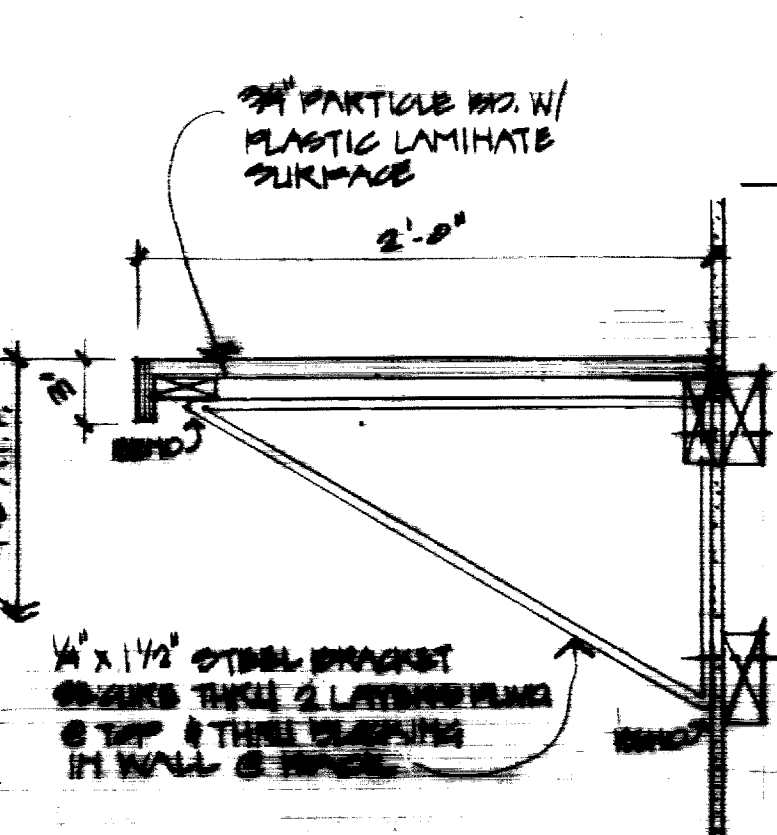
ENLARGED PLAN - DARK ROOM 359
SCALE: 1/4" = 1'-0"



ENLARGED PLAN - COLD ROOM 103, 203, 325 & 403
SCALE: 1/4" = 1'-0"



ENLARGED PLAN - LABS 101B & 201B
SCALE: 1/4" = 1'-0"

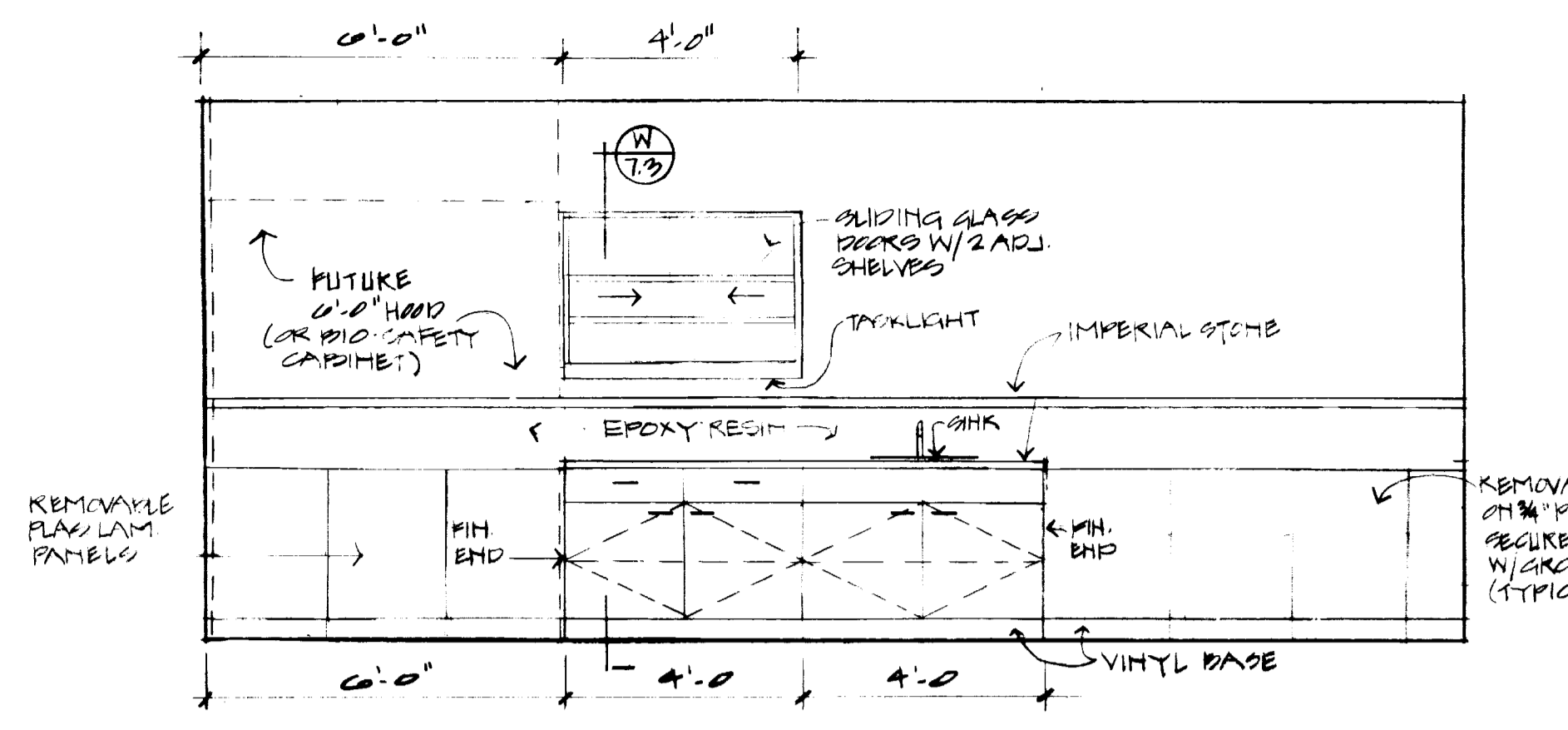


TANK RESTRAINT SHELF DETAIL
SCALE: 1/4" = 1'-0"

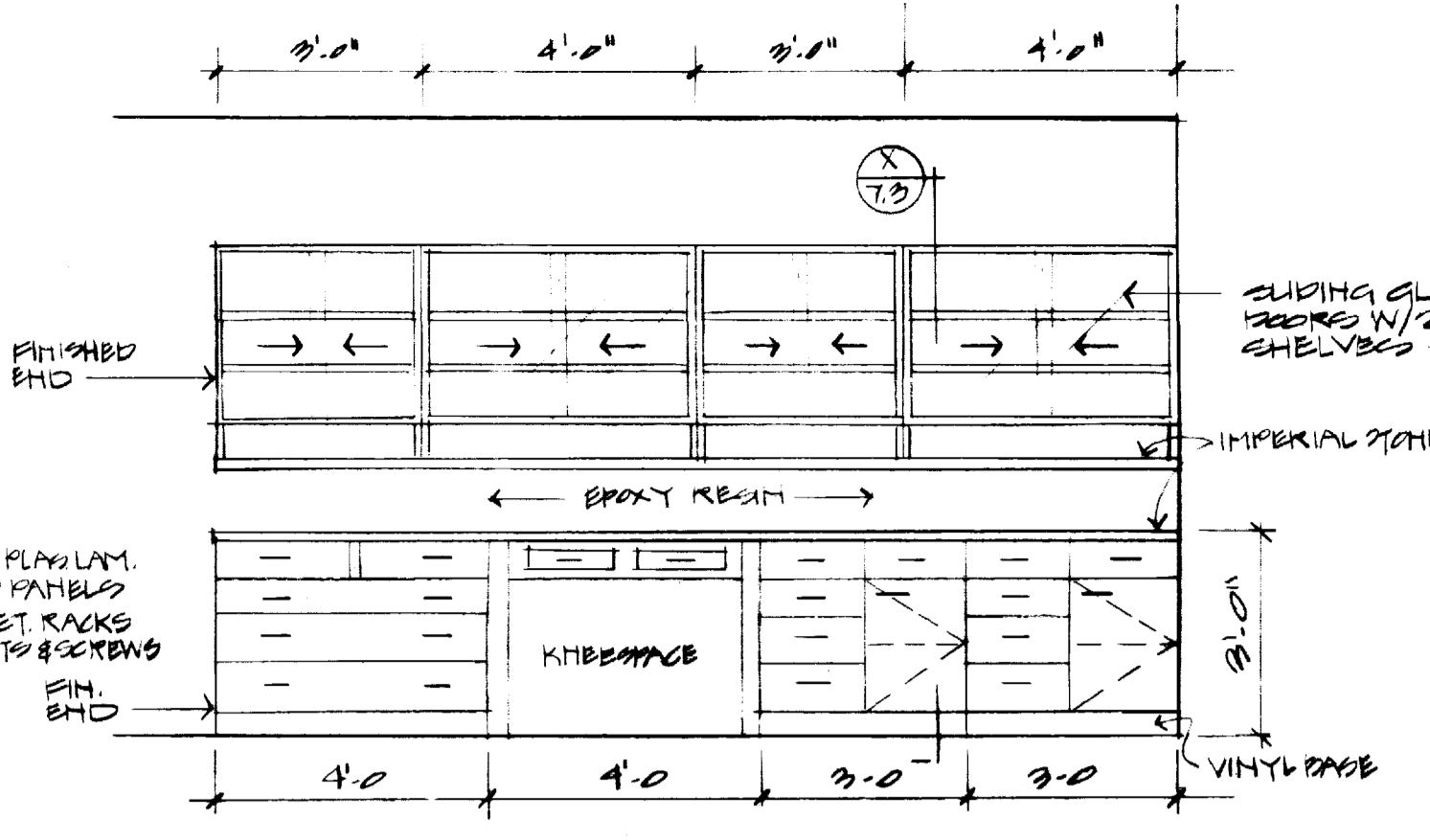
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University of Kentucky Lexington, Kentucky	DATE	BY
FINAL DOCUMENTS		

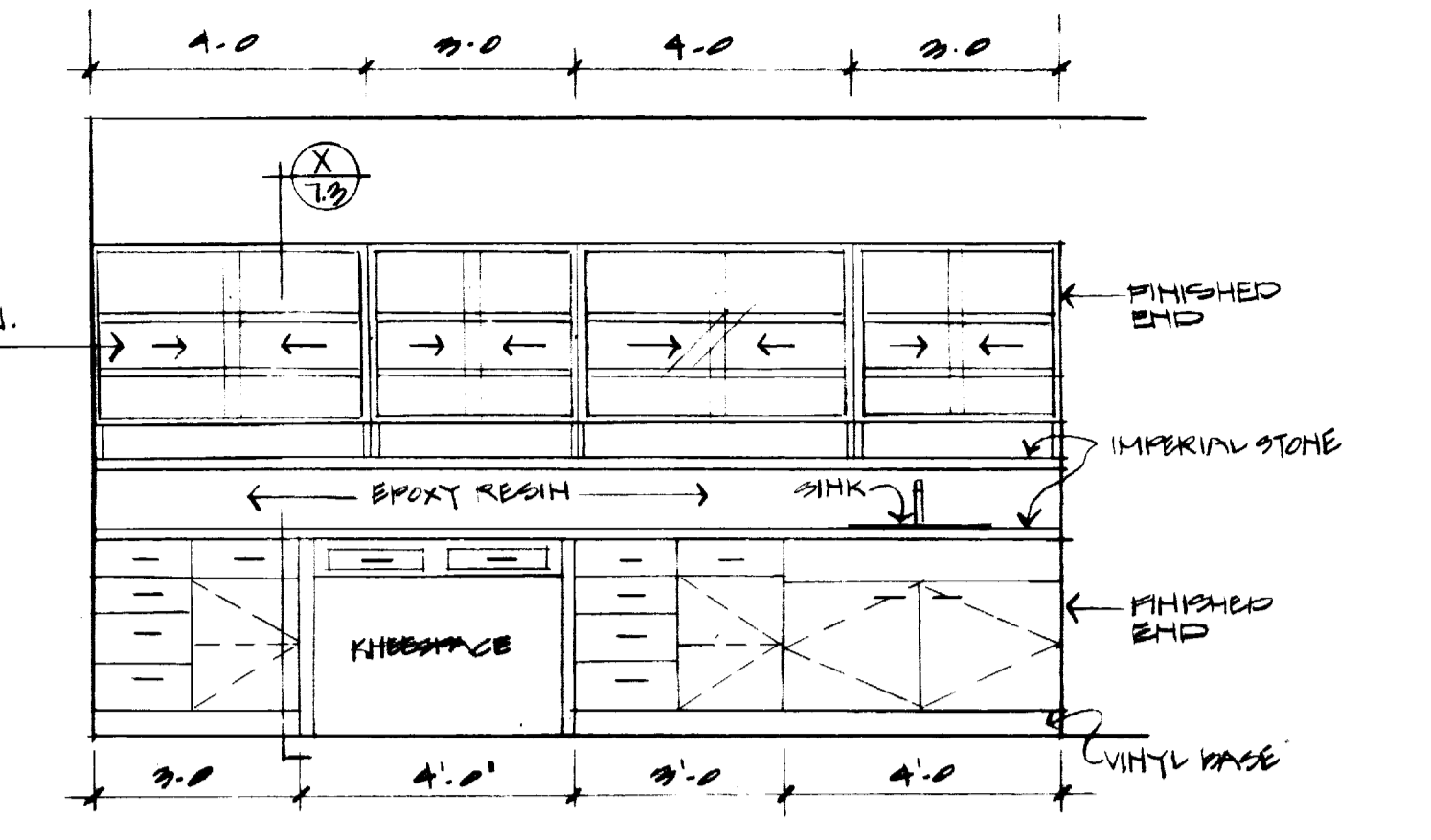
NOTE: REFER TO MECH. & ELEC. DRWG. FOR SERVICES



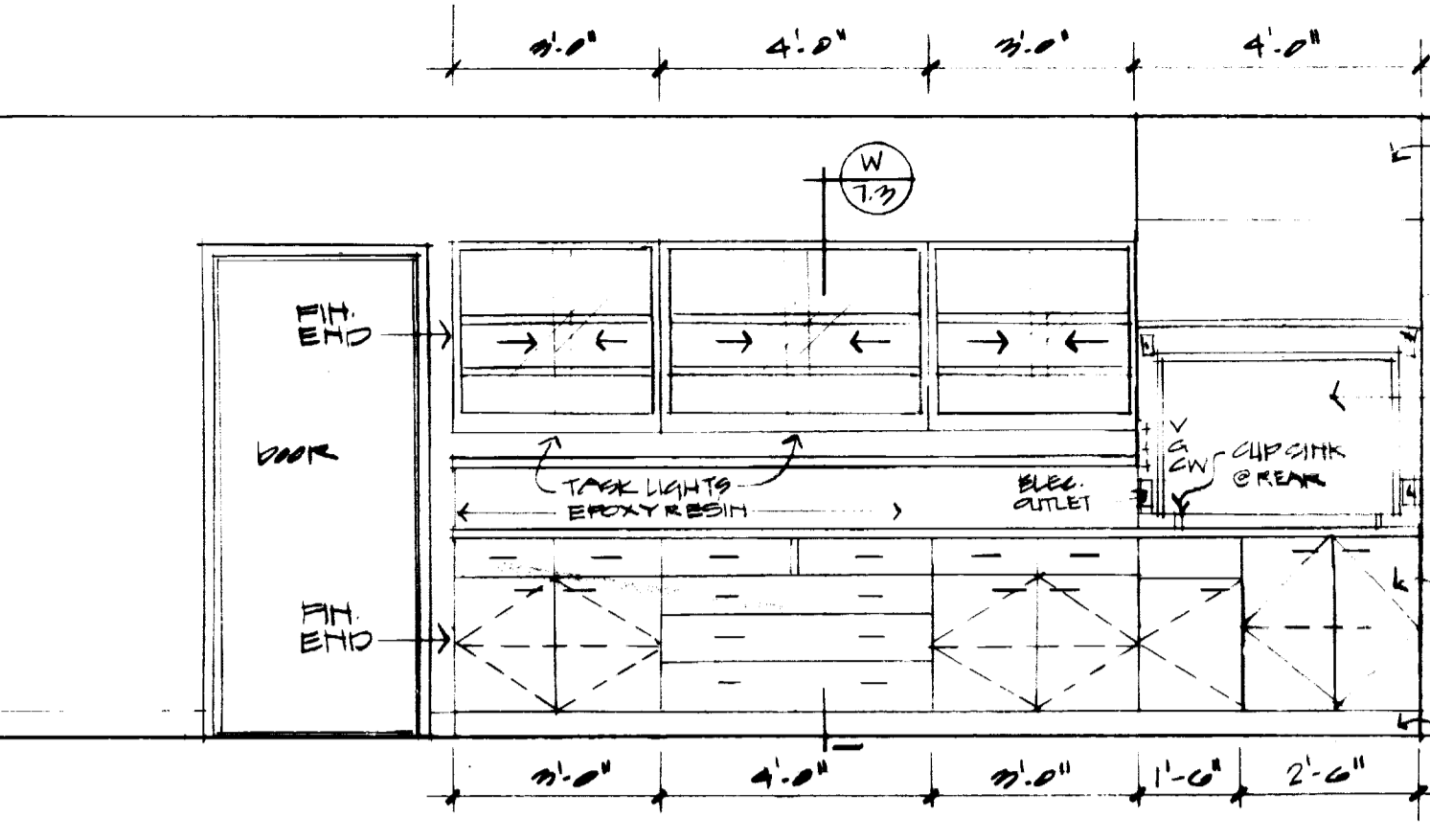
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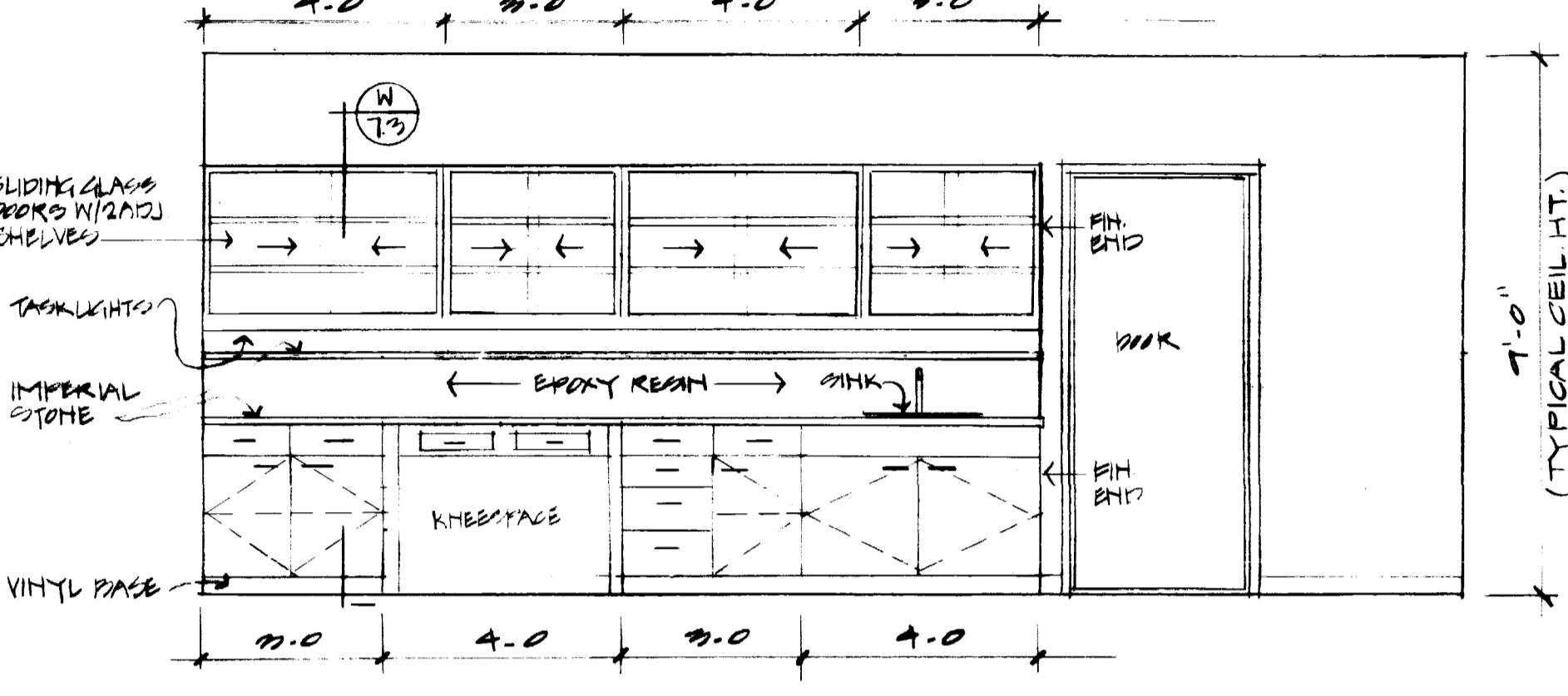
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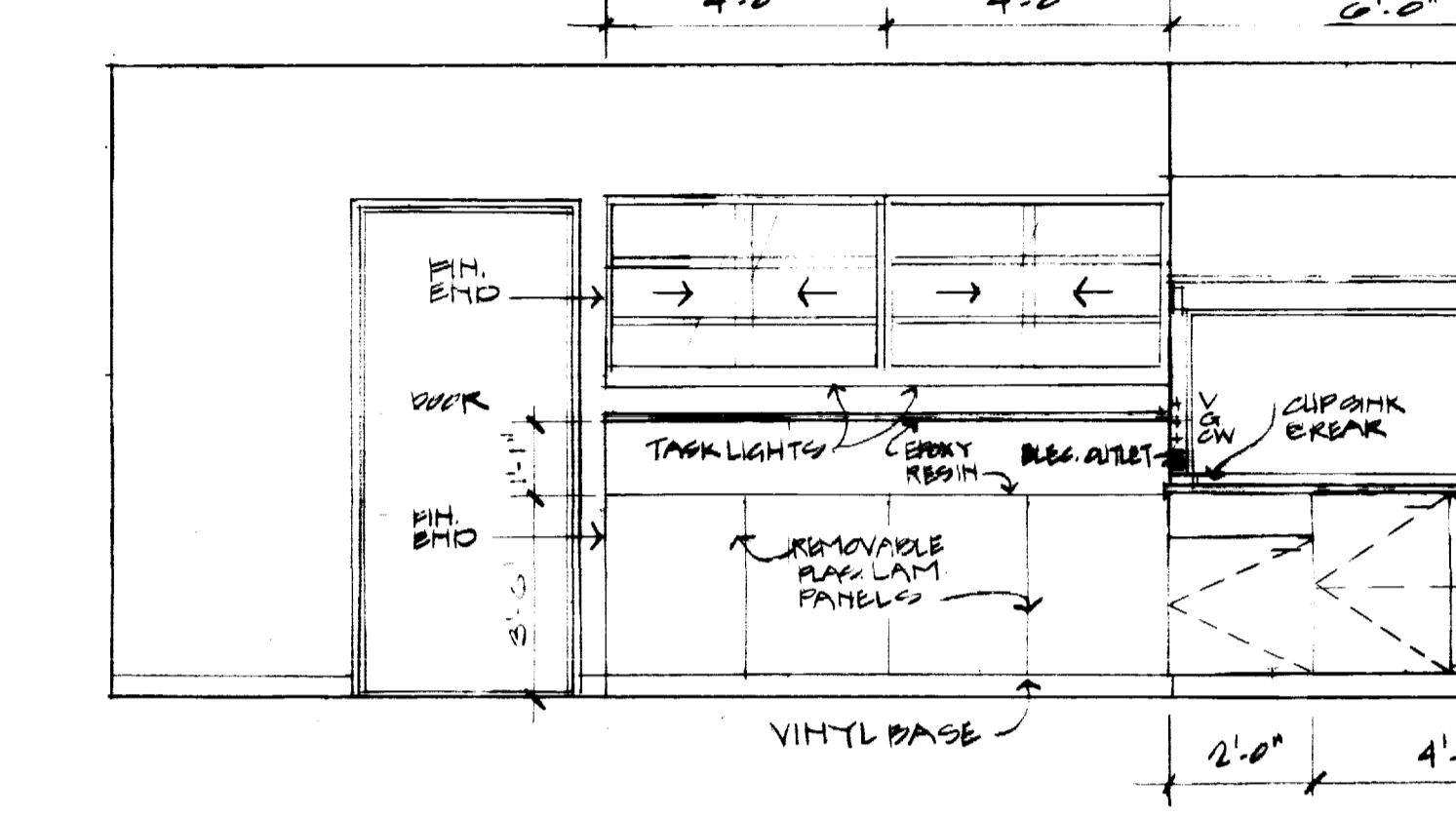
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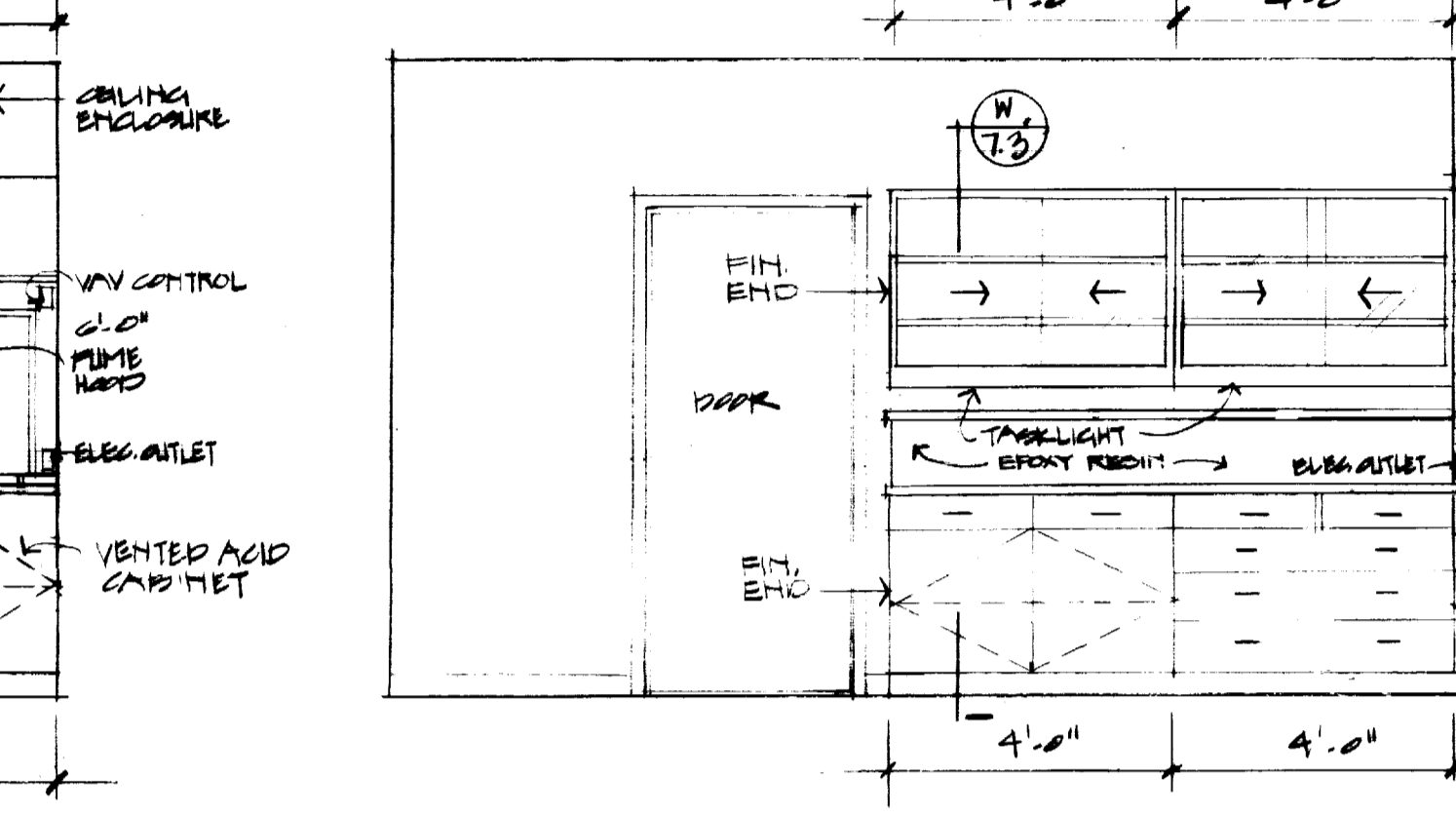
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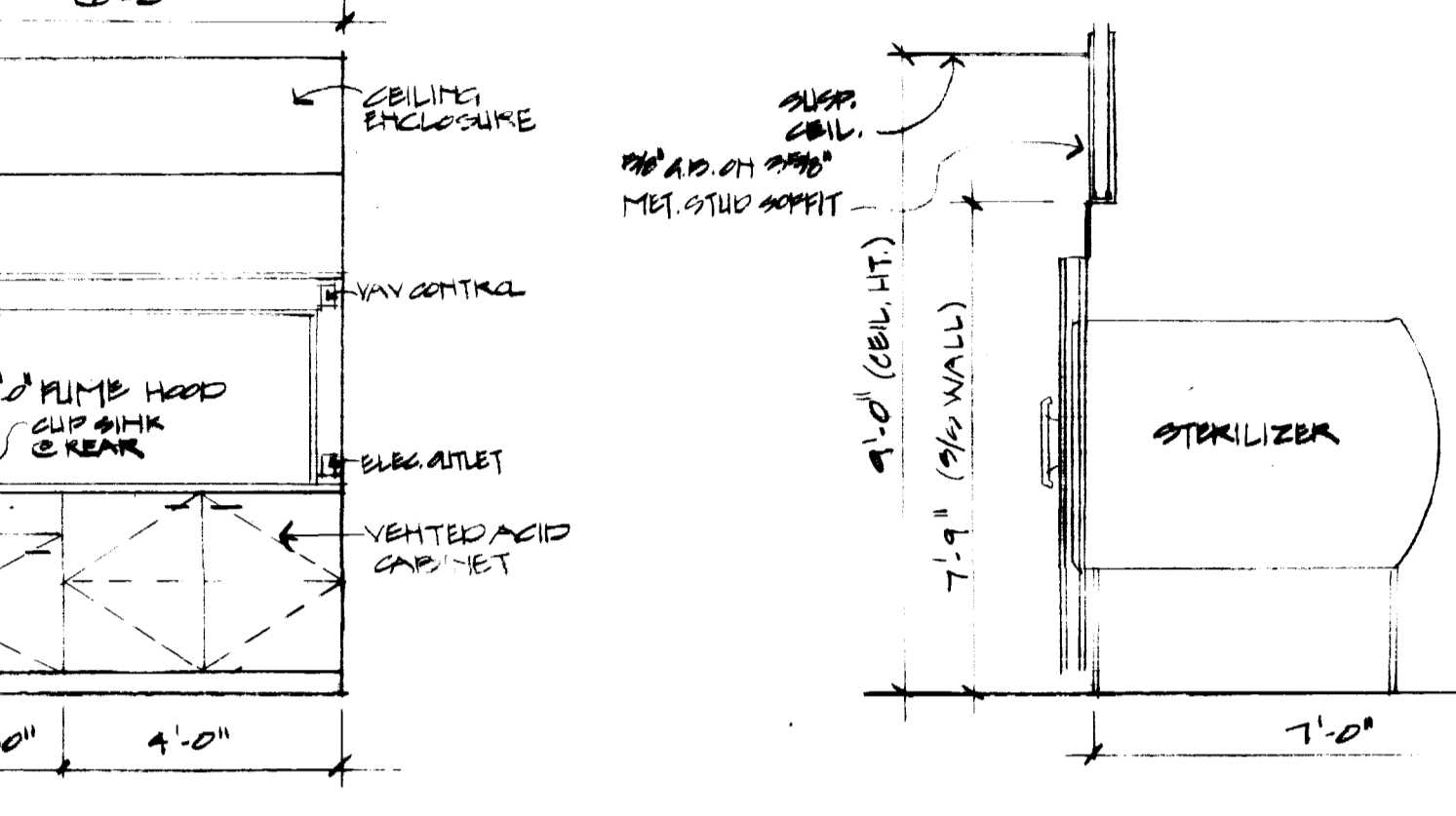
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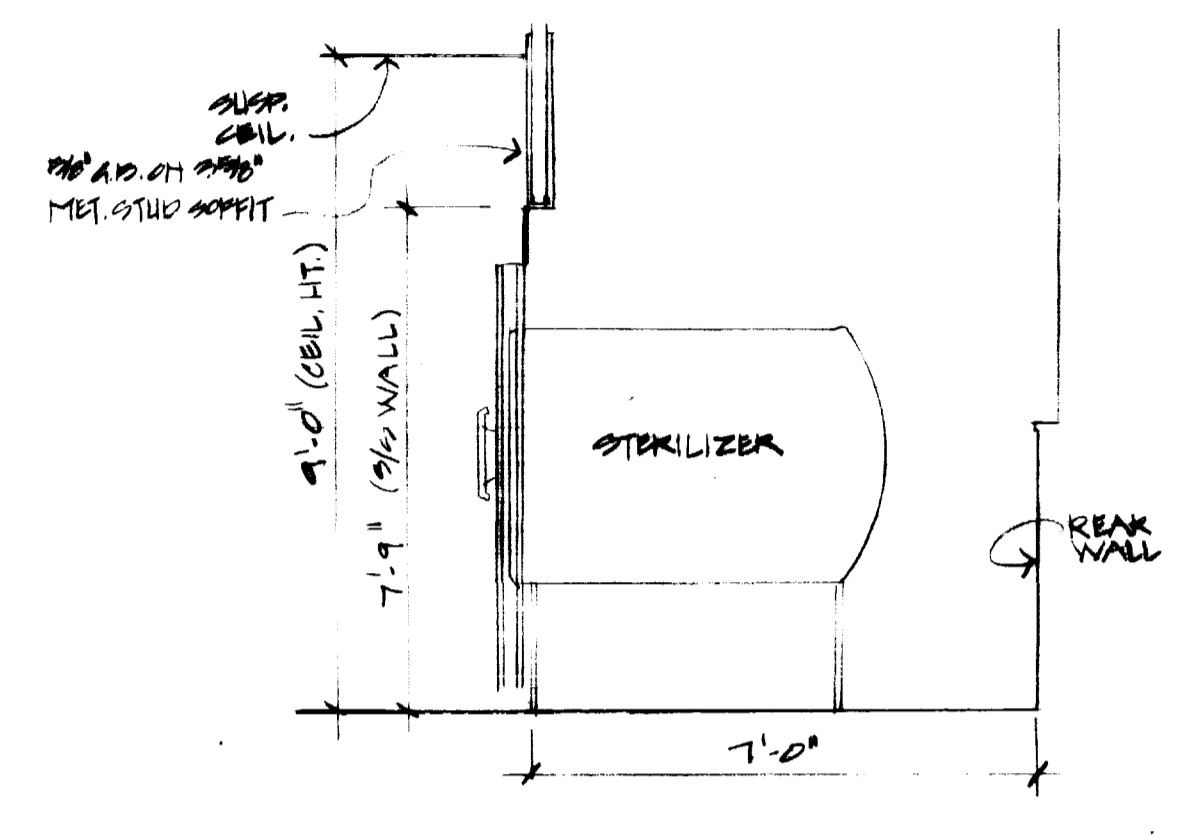
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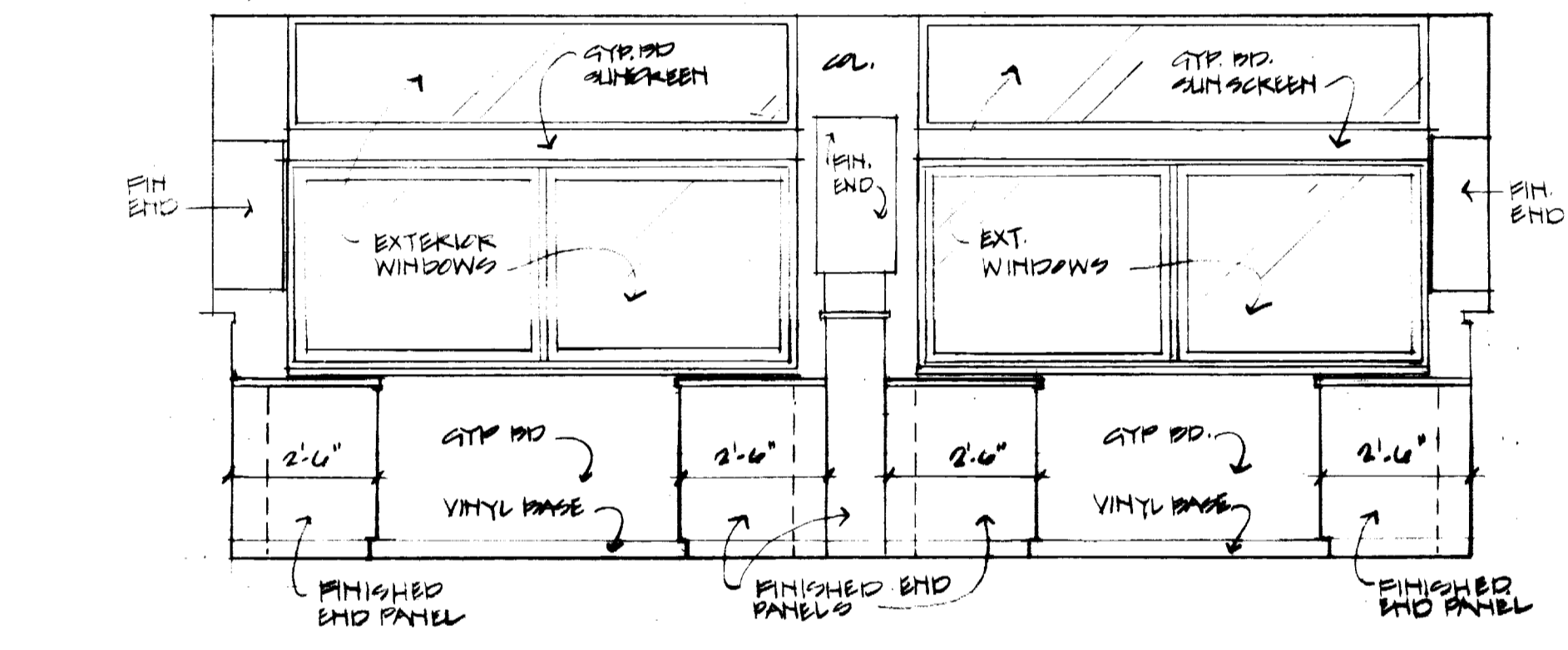
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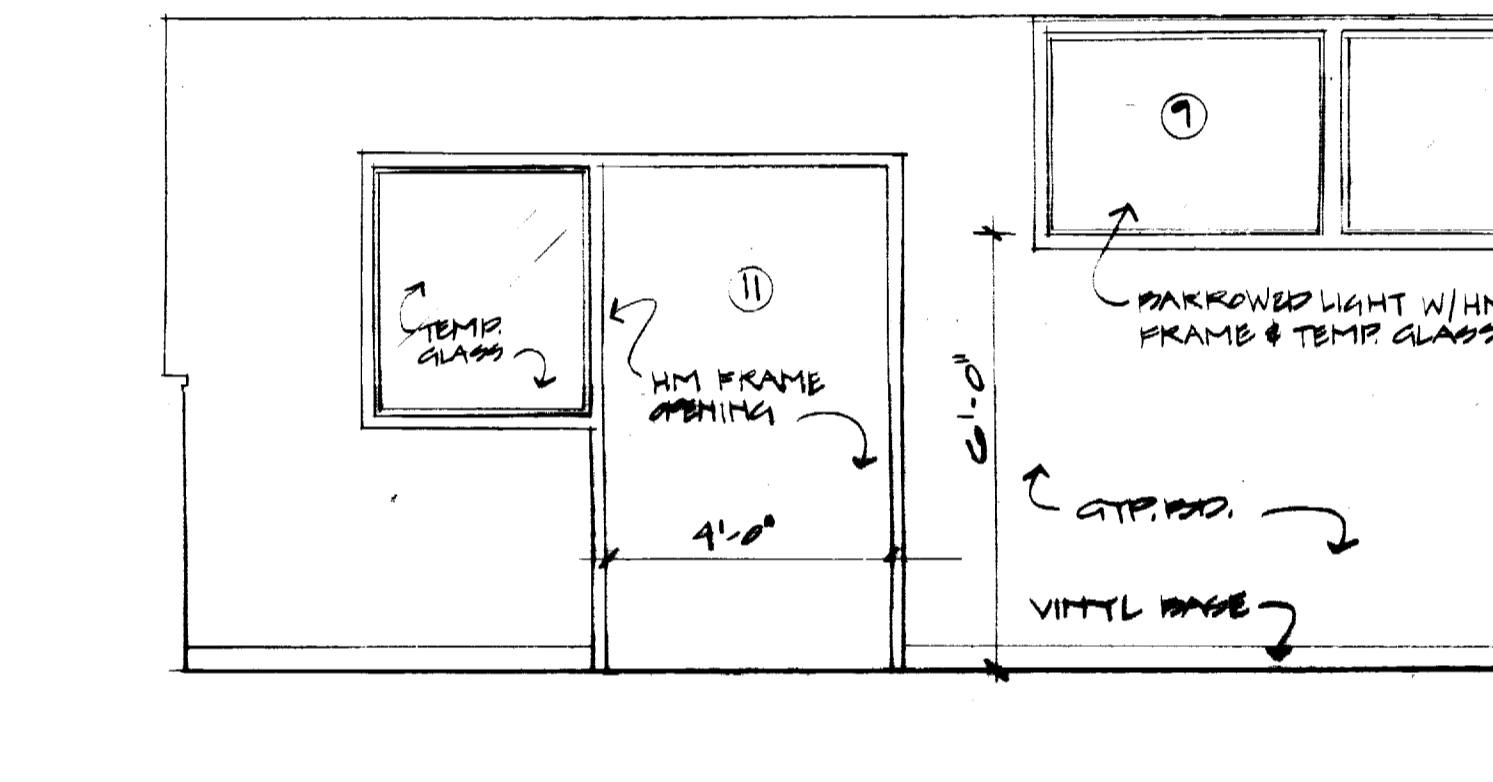
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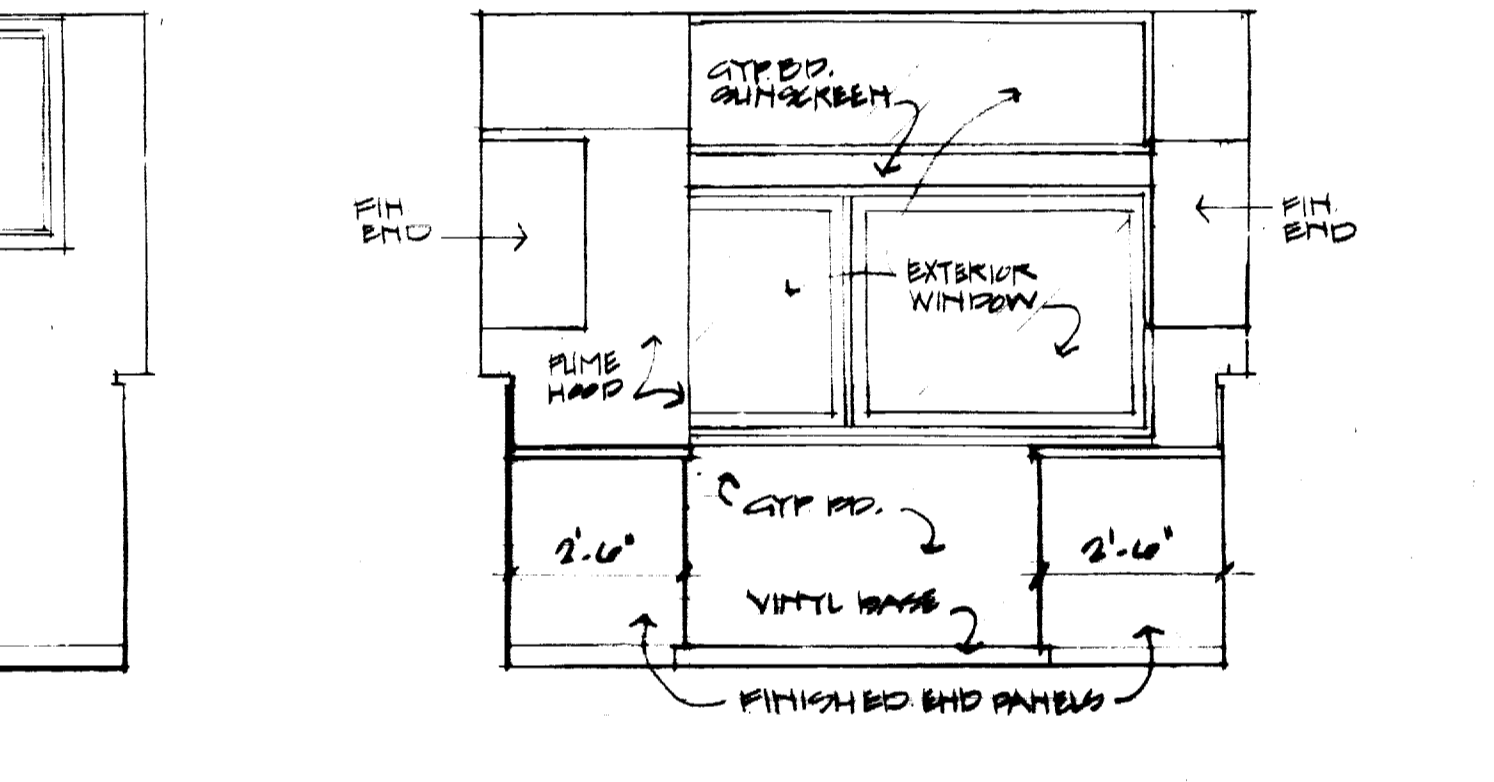
SECTION C STERILIZERS



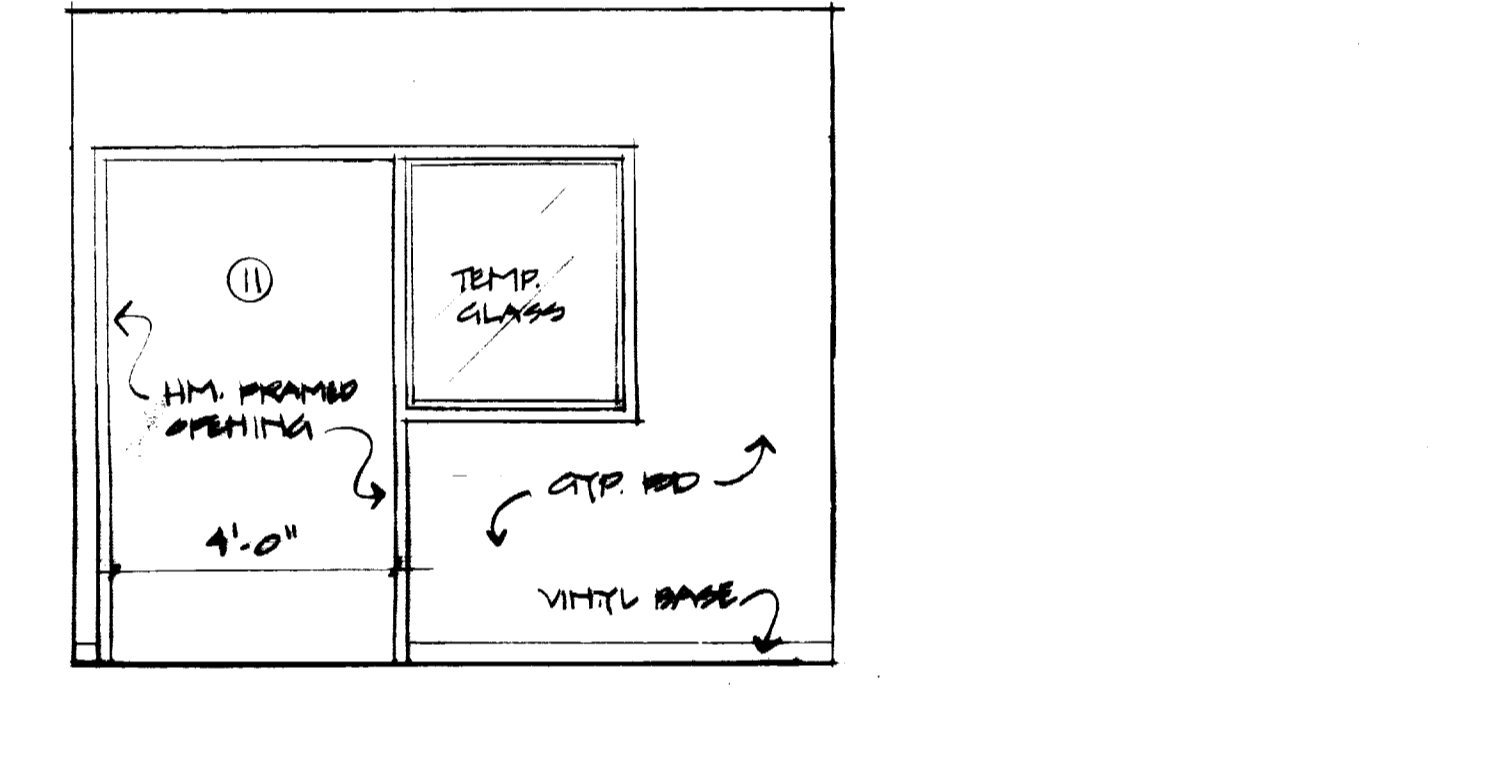
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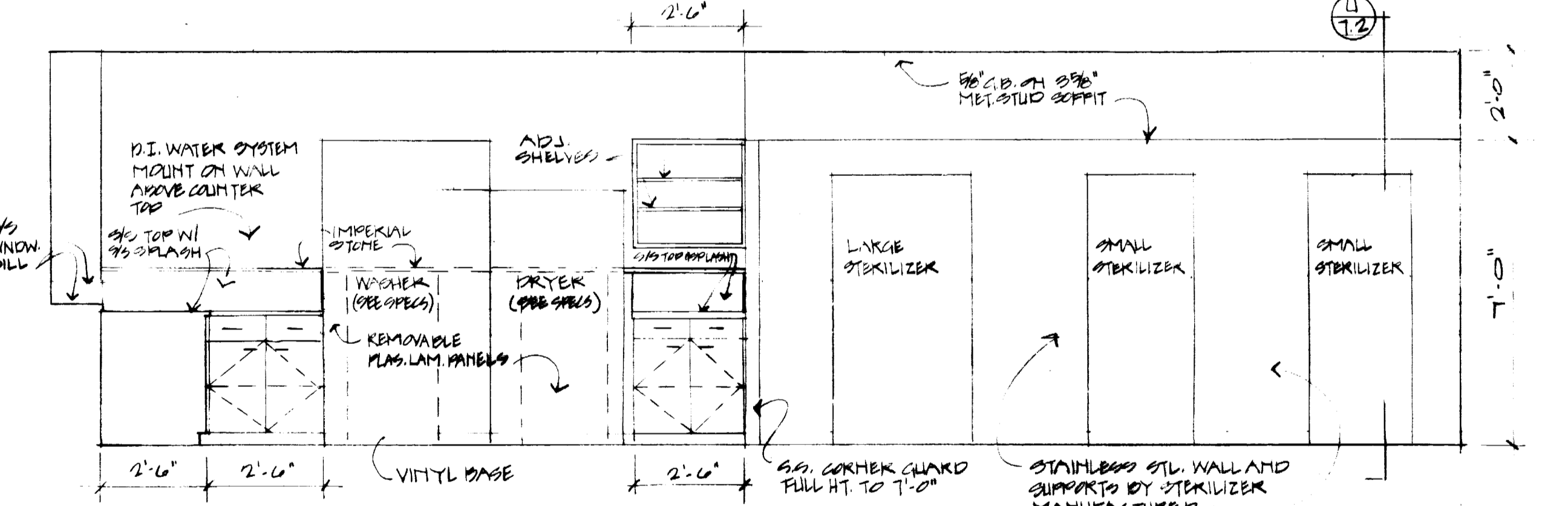
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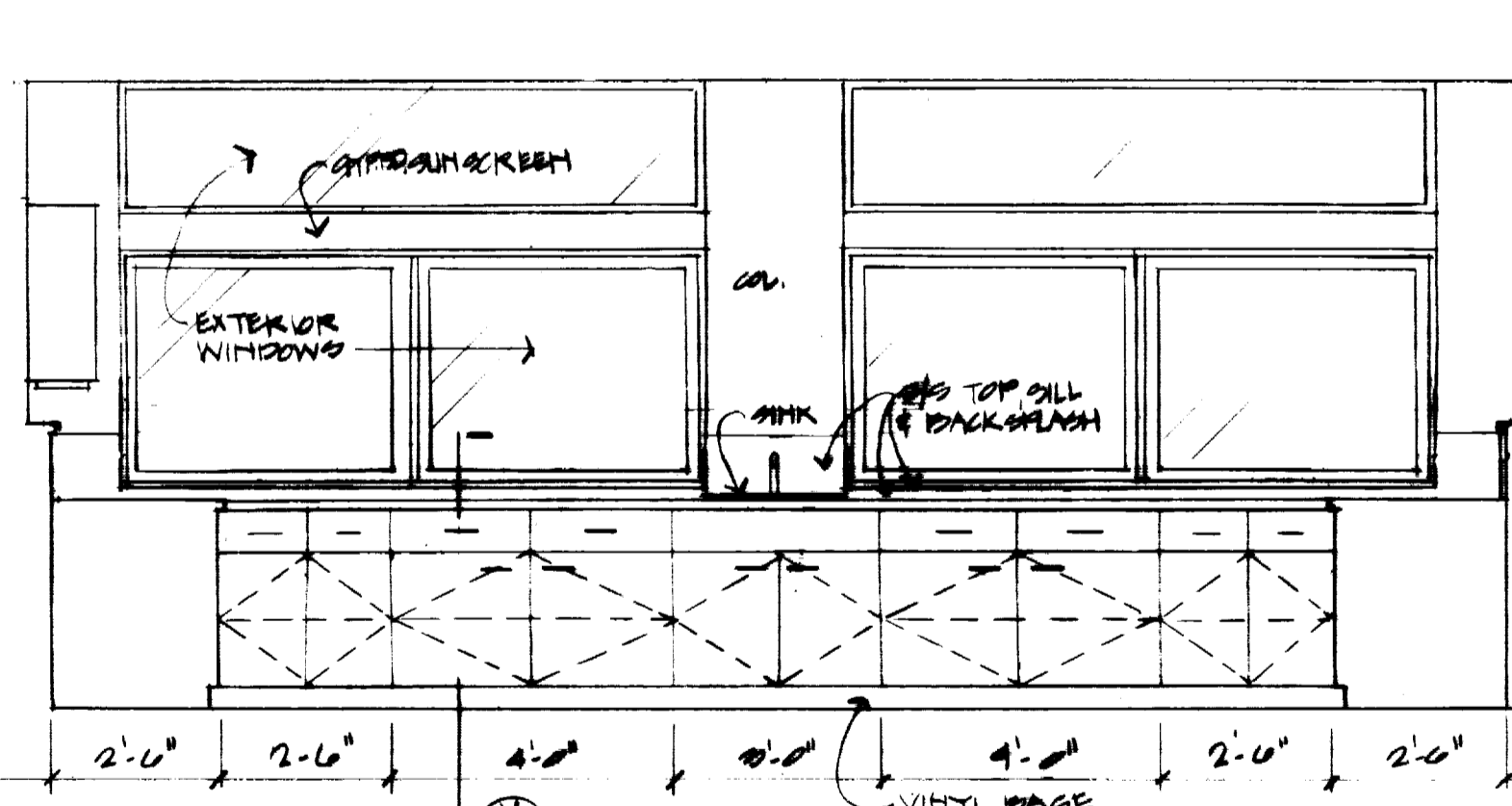
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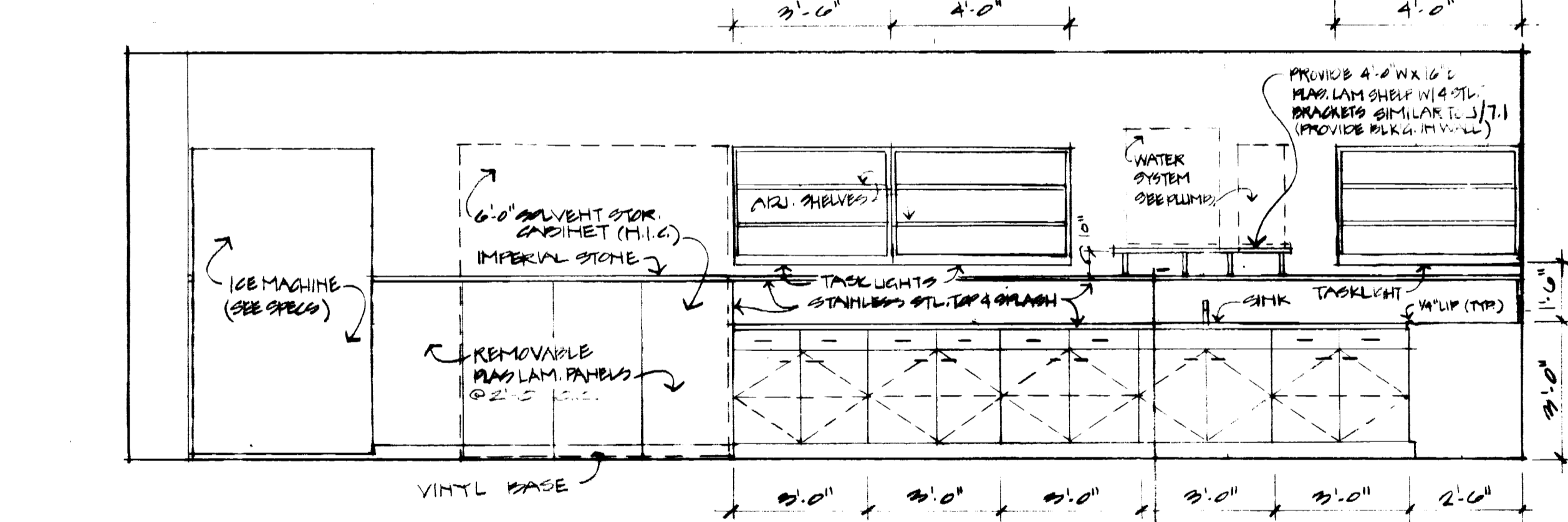
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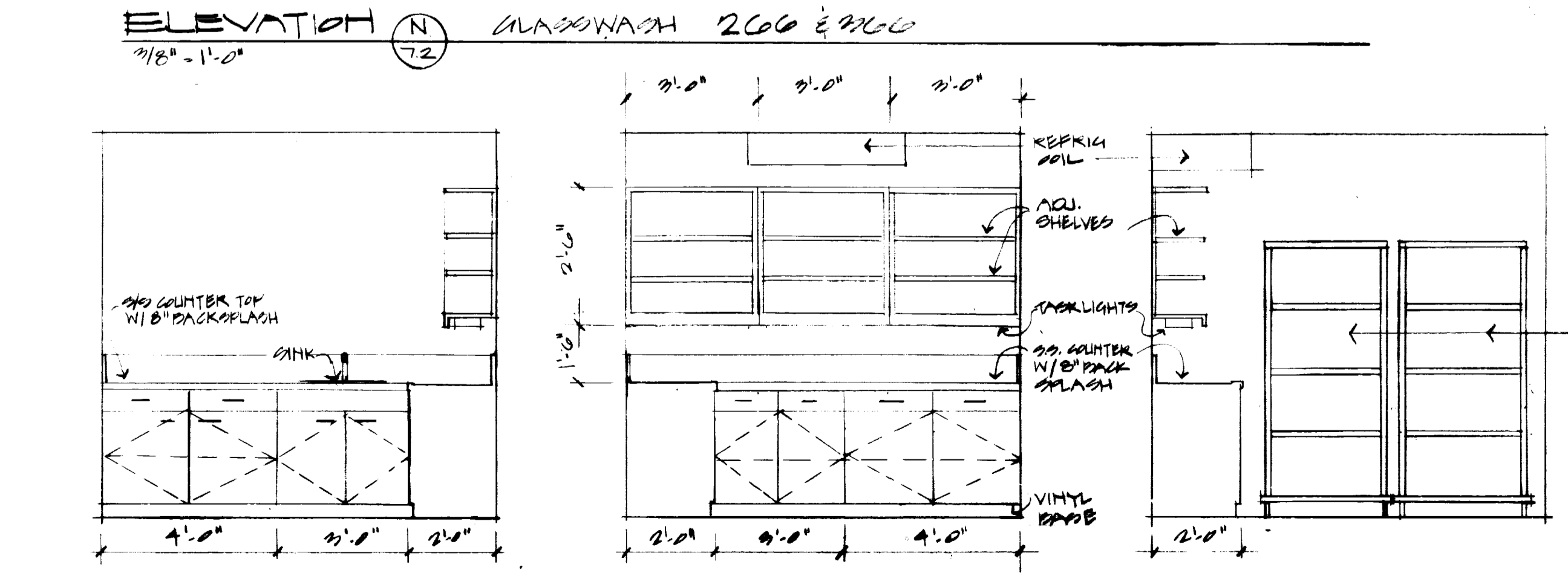
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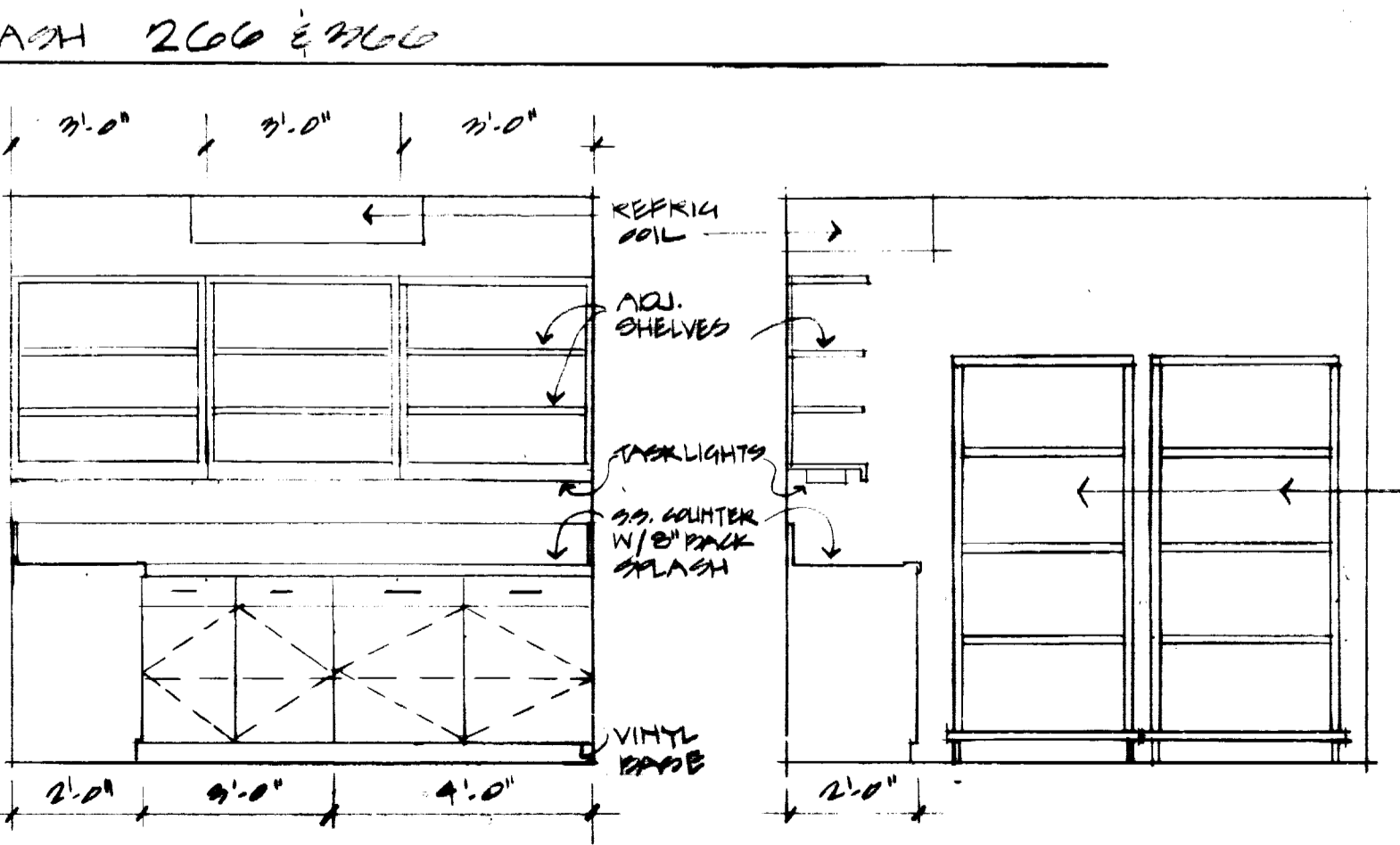
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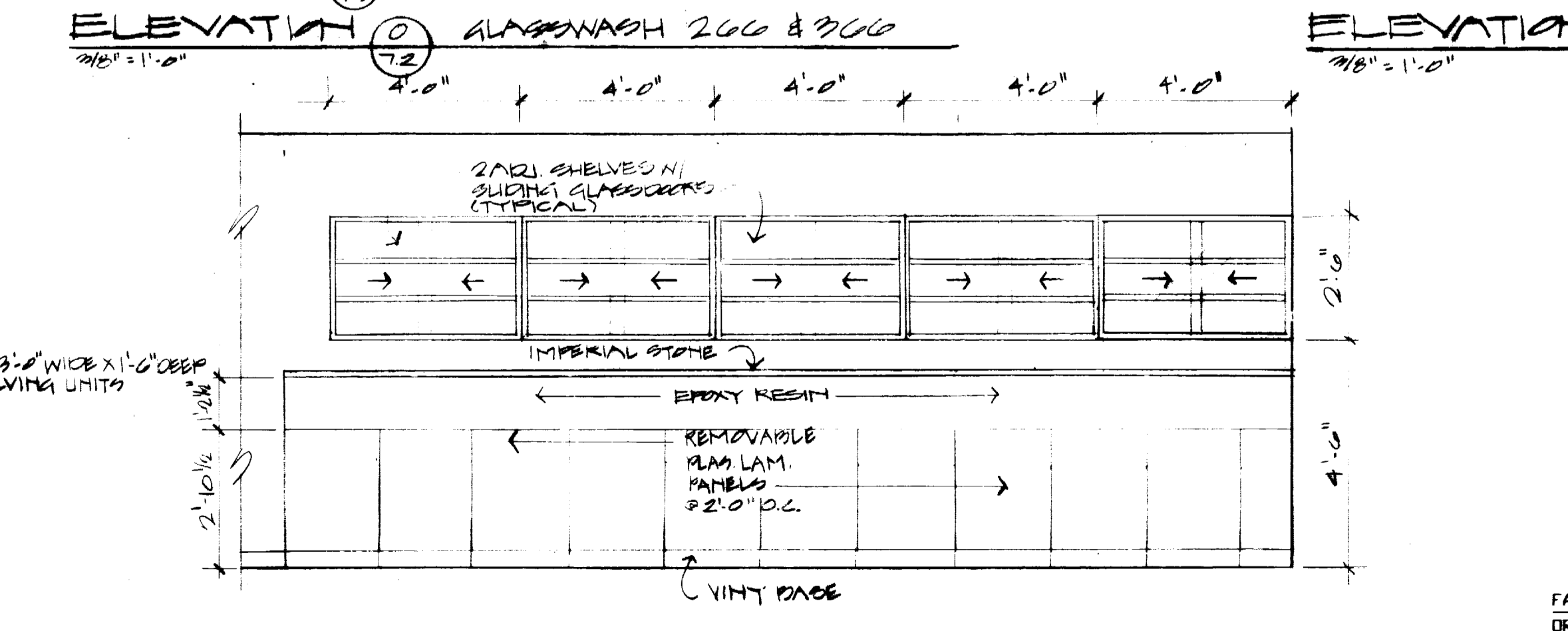
ELEVATION O TYPICAL LAB



ELEV. Q GARDRM. (TYP.)



ELEV. R GARDRM. (TYP.)



ELEVATION S SHARED EQUIP. 129, 229, 329 & 429

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University of Kentucky Lexington, Kentucky	Project No. Scale
FINAL DOCUMENTS	Drawing No. 7.2

THE UNIVERSITY OF KENTUCKY
 MEDICAL RESEARCH EXPANSION SPACE
 PROJECT NO. 747.0
 Lexington, Kentucky

CANNON
 ARCHITECTURE ENGINEERING INTERIOR DESIGN
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 Lexington, Kentucky
 606-254-6623

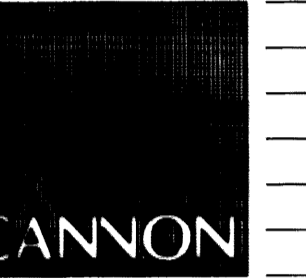
RECORD DRAWINGS DATE August 1992
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Project North

Revision	Date
Issue Date	DEC 1992
Drawing Title	

Drawn by SH
 Checked by KVM JB
 Project No. Scale
 Drawing No. 7.2



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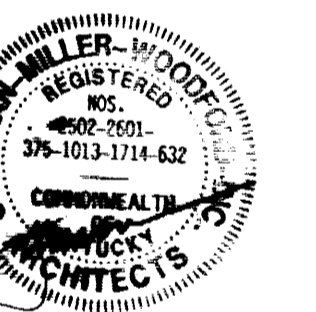
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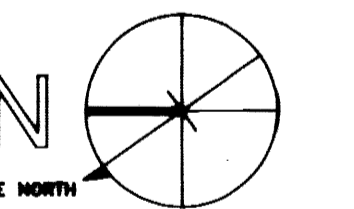
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RECORD DRAWINGS DATE August 1995

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Project North

Revision Date
Issue Date DEC 11 1992

Drawing Title

LABS (SUPPORT AREAS)

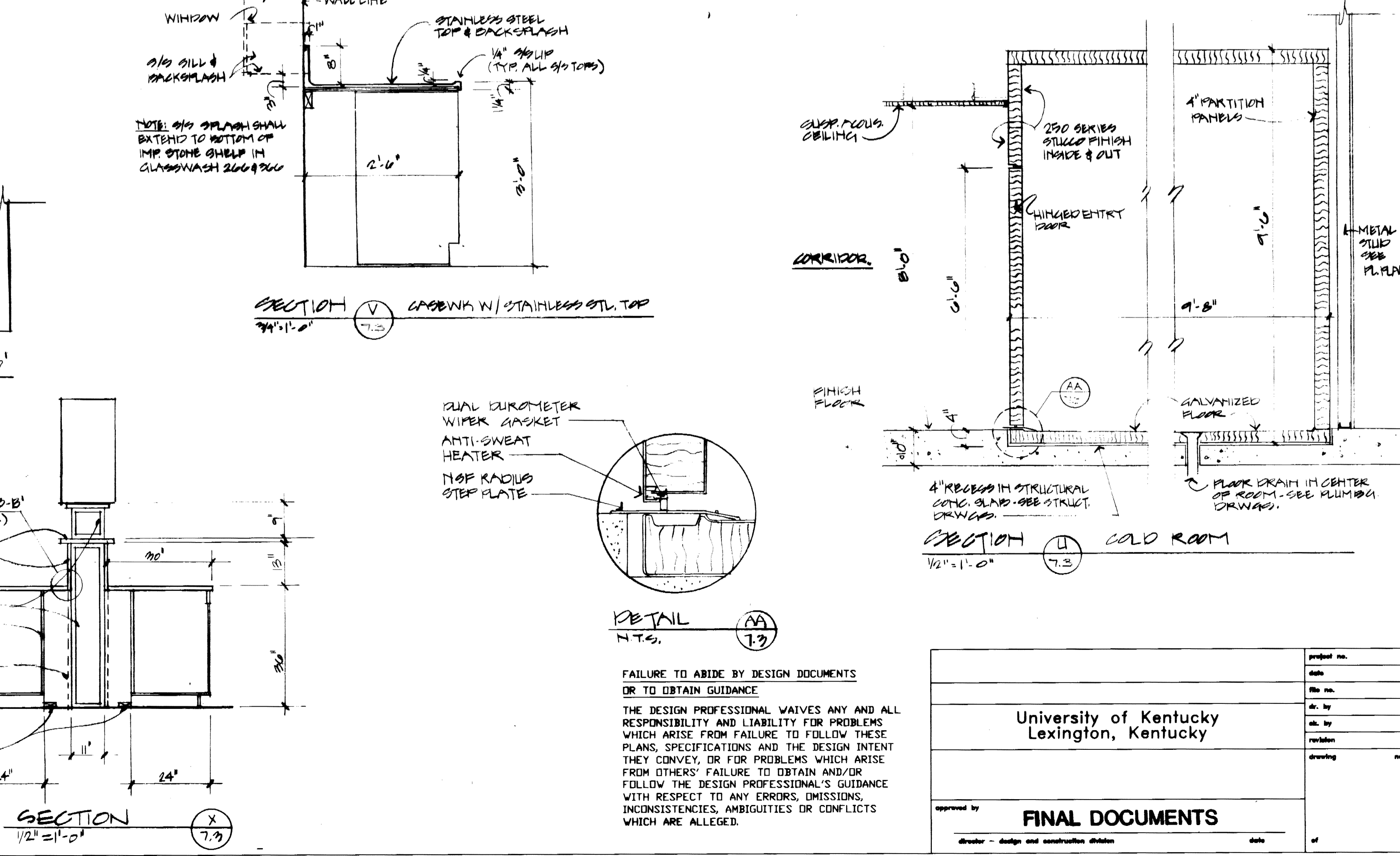
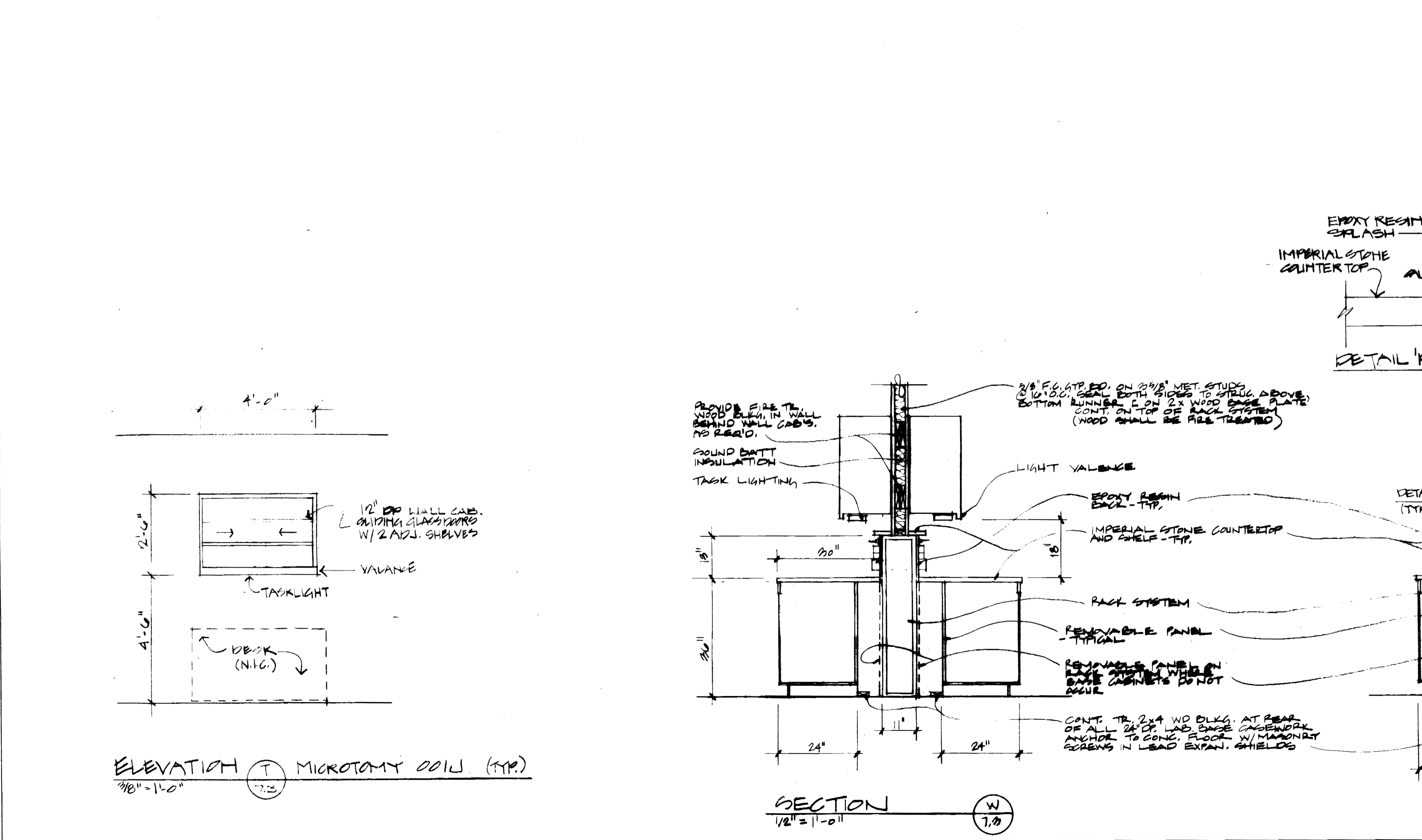
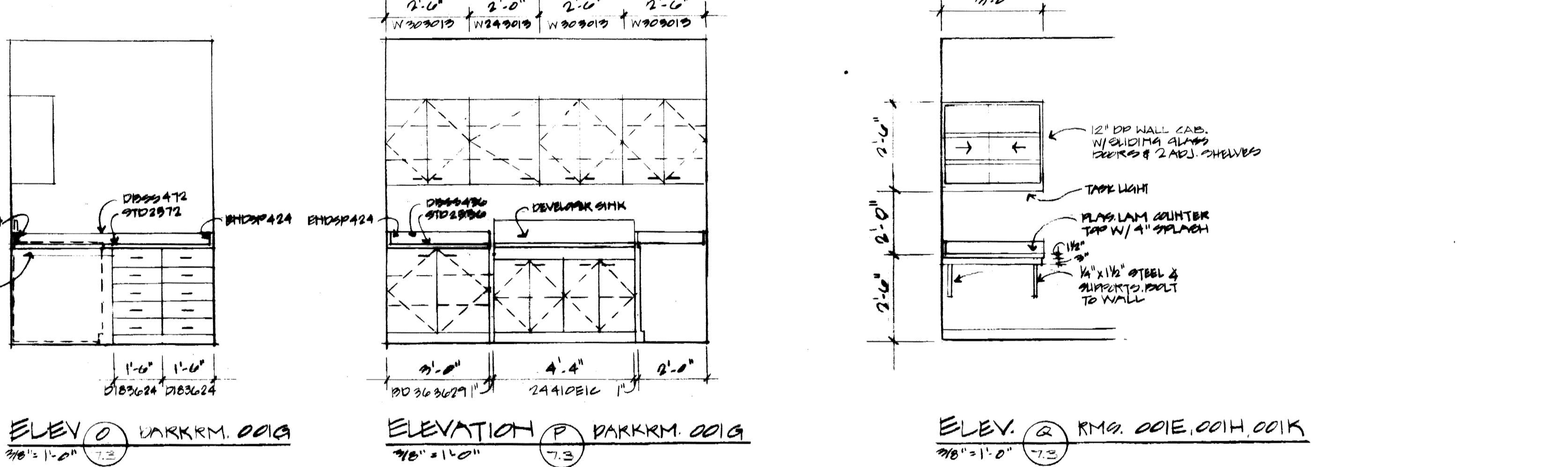
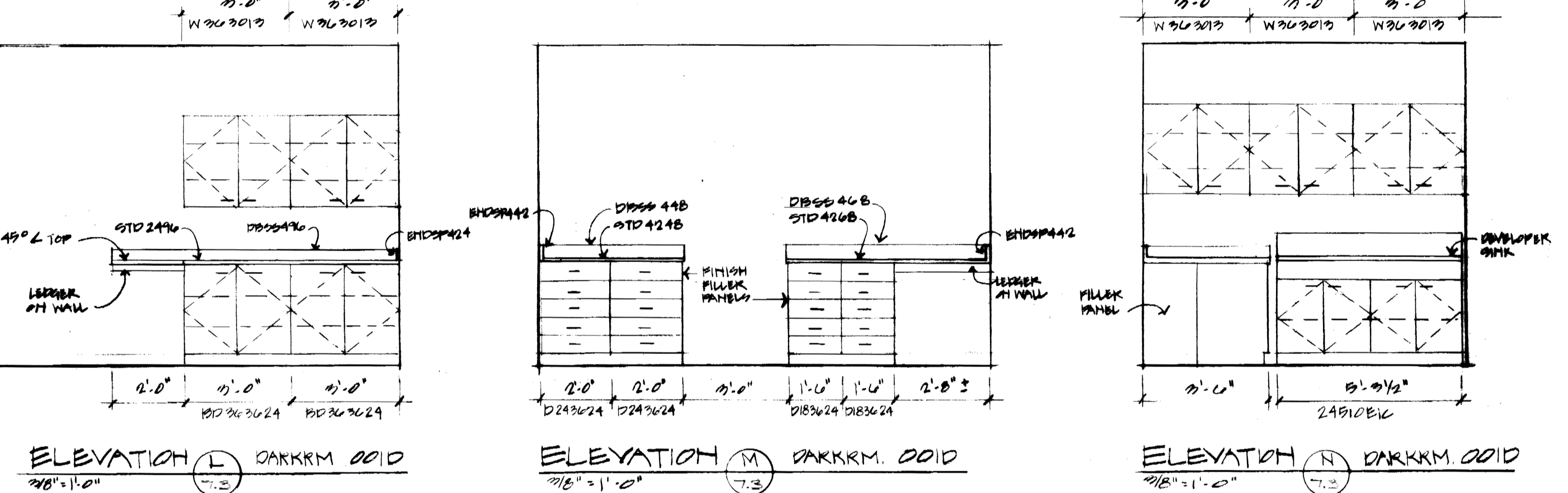
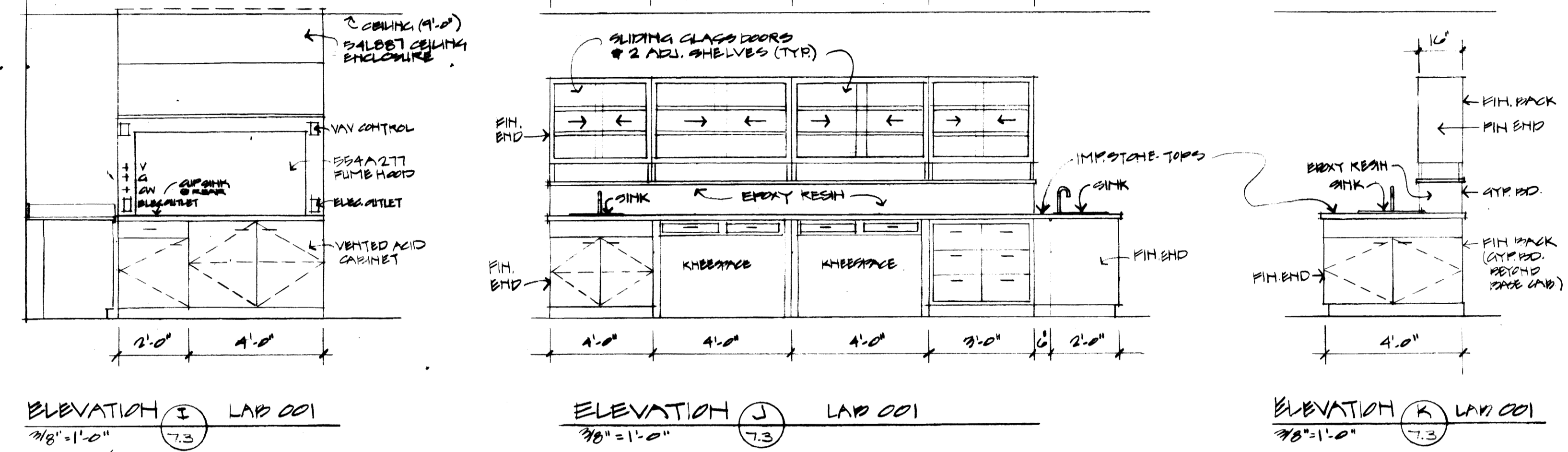
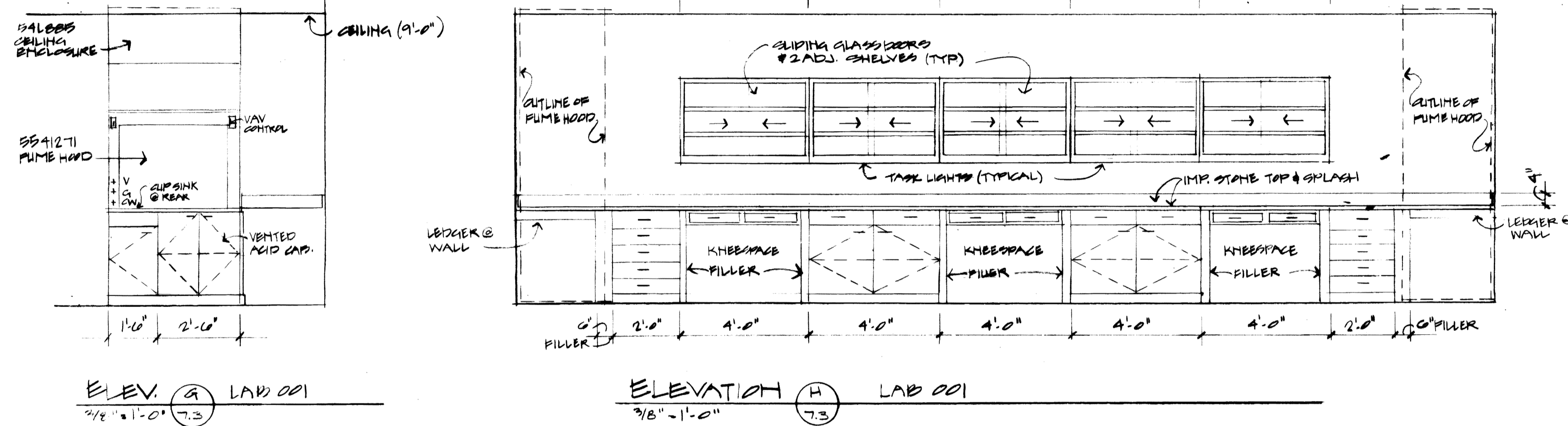
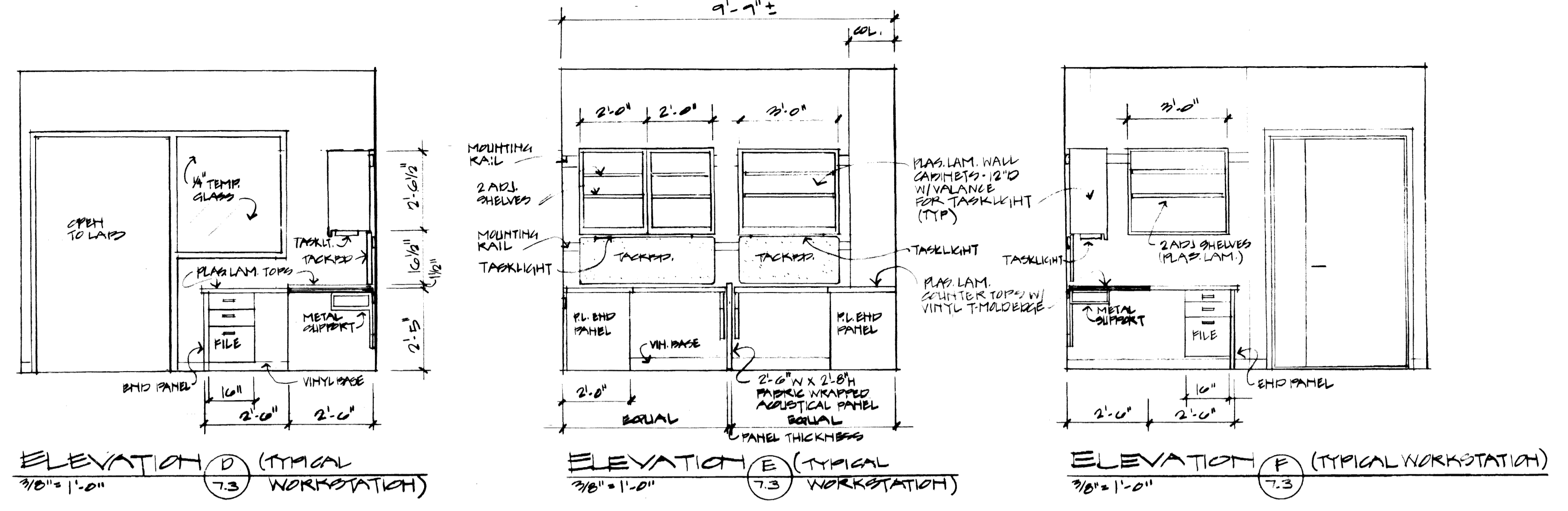
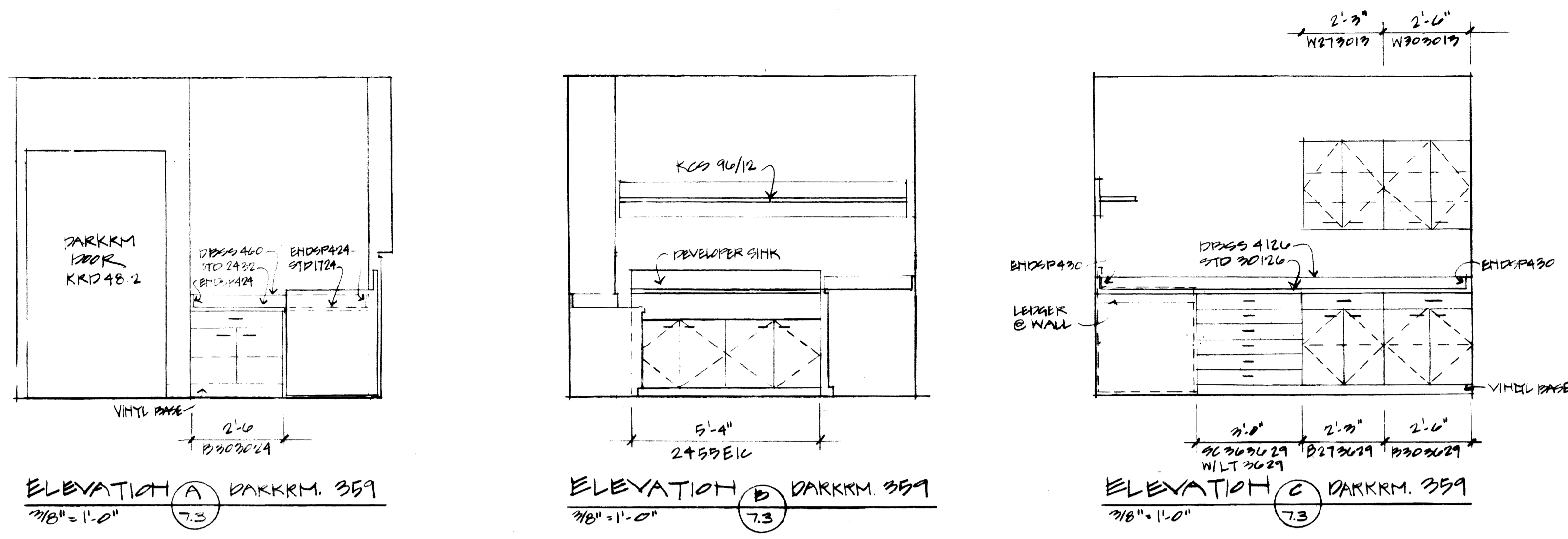
Drawn by SH

Checked by KLM, JB

Project No. Scale

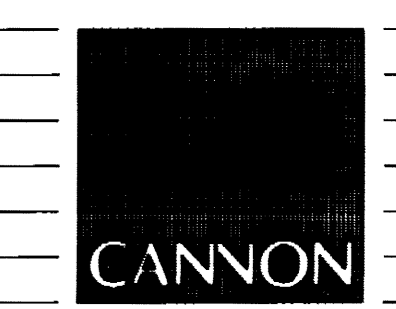
800-100-21 1/4

Drawing No. 7.3



FAILURE TO ABIDE BY DESIGN DOCUMENTS OR TO OBTAIN GUIDANCE
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approved by	FINAL DOCUMENTS
designer - design and construction division	date
project no.	
date	
file no.	
drawn by	
checked by	
revision	
drawing	



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INTERIOR DESIGN

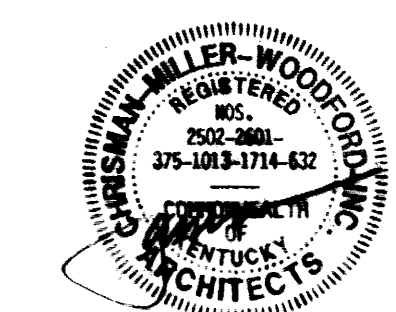
Boston
Buffalo
New York
St. Louis
Washington

165 North Meramec, Suite 600
St. Louis, Missouri
314-862-5660

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PLANNING INTERIORS

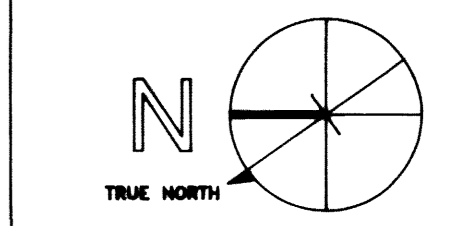
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606-254-6623



RECORD DRAWINGS DATE August 1995

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Revision	Date
Issue Date	Dec. 1992
Drawing Title	

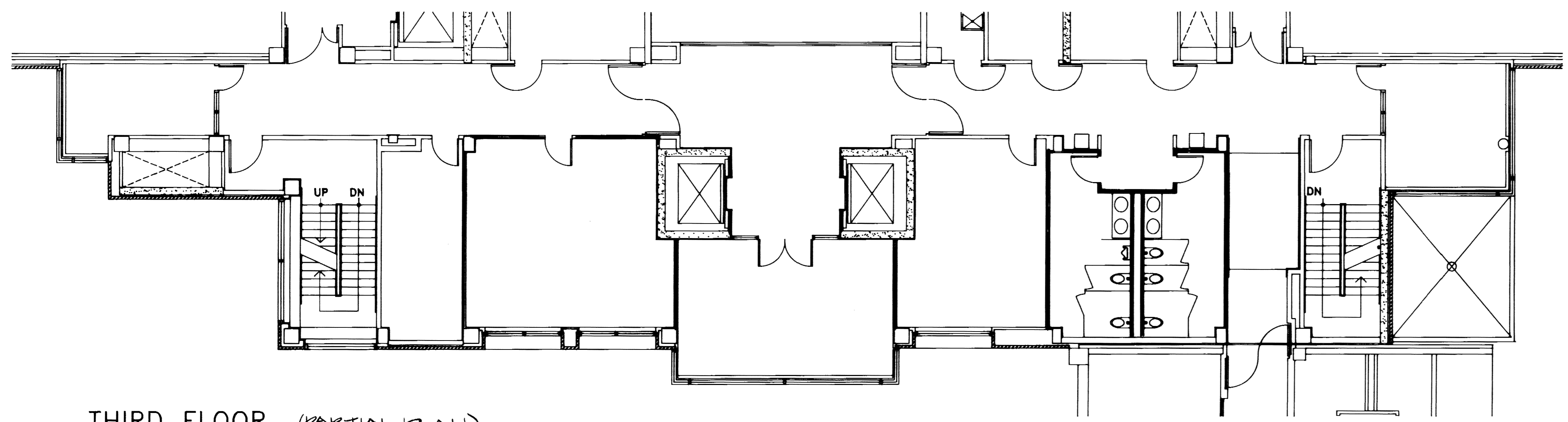
SOUND BATT ATTENUATION LOCATION PLAN

Drawn by: CH HA

Checked by: KYLM JP

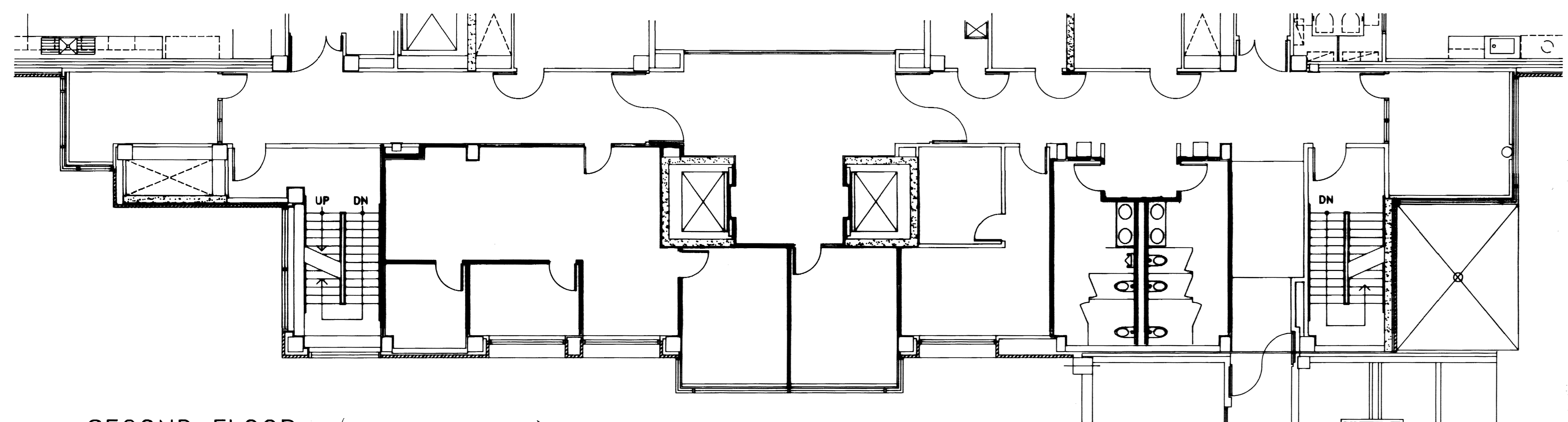
Project No. 747.0 Scale 1/8" = 1'-0"
Drawing No.

7.4



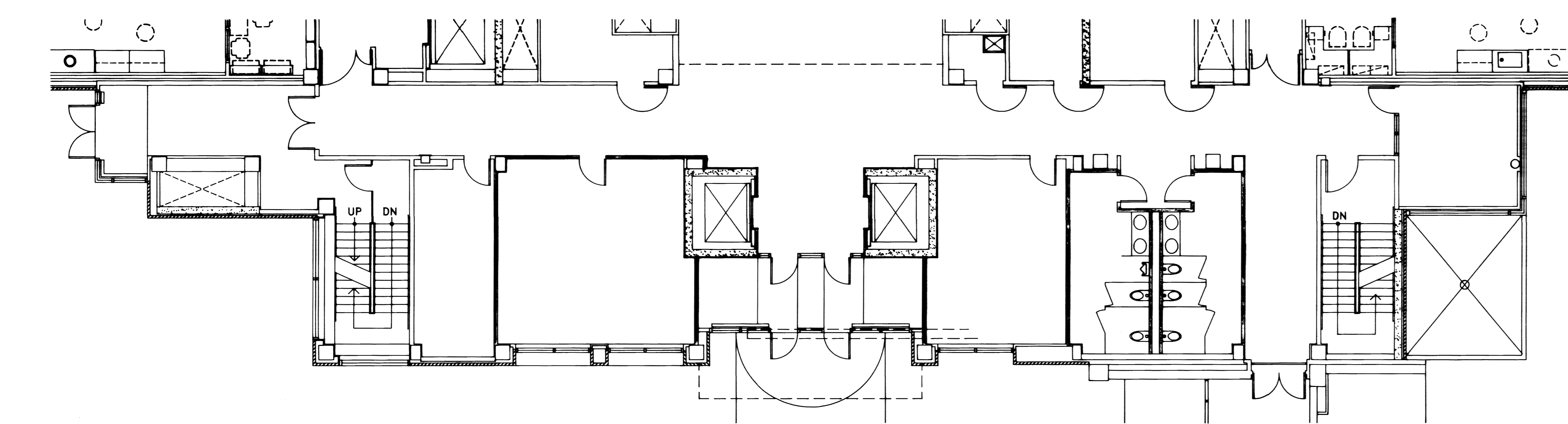
THIRD FLOOR (PARTIAL PLAN)

1/8" = 1'-0"



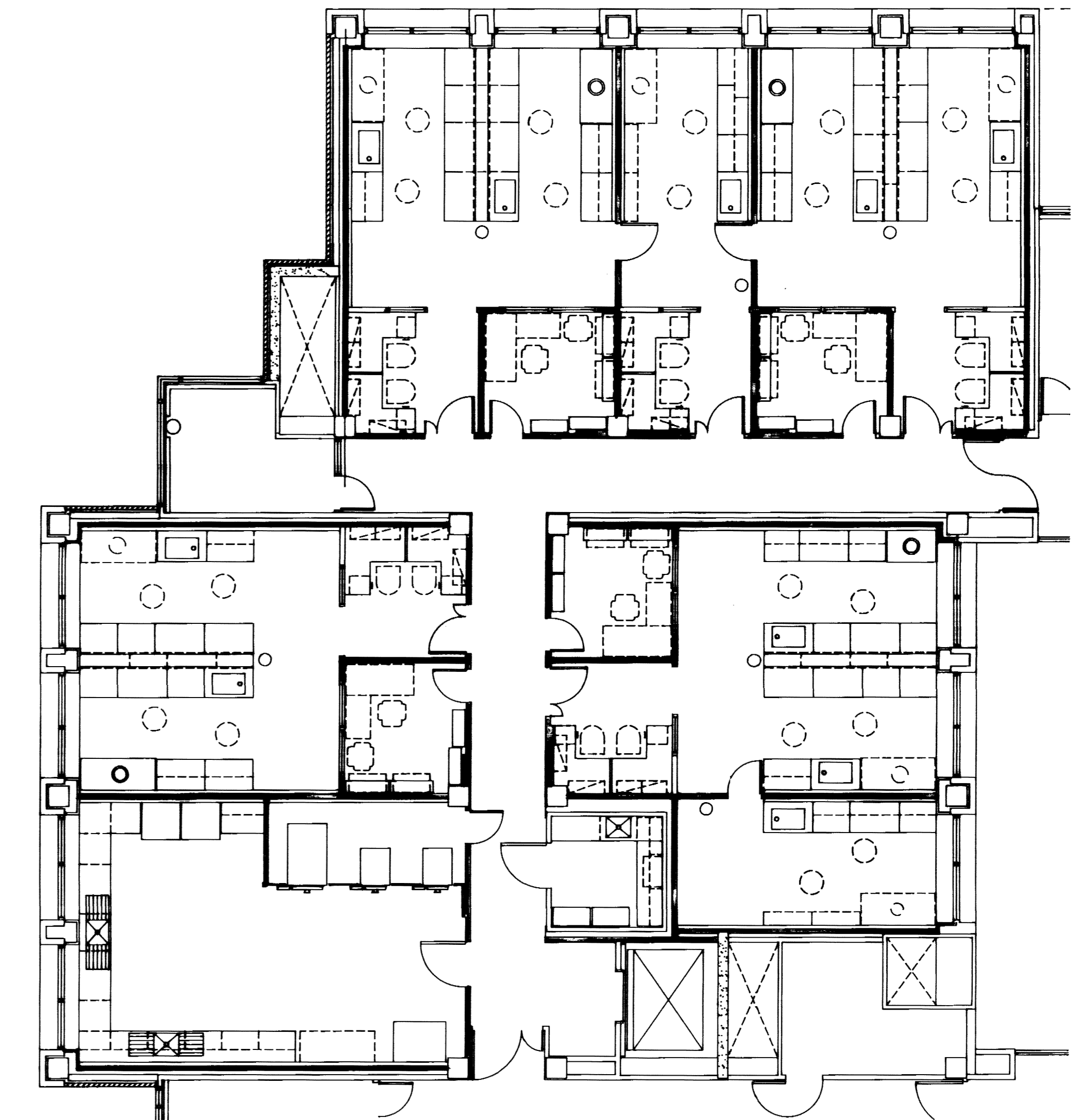
SECOND FLOOR (PARTIAL PLAN)

1/8" = 1'-0"



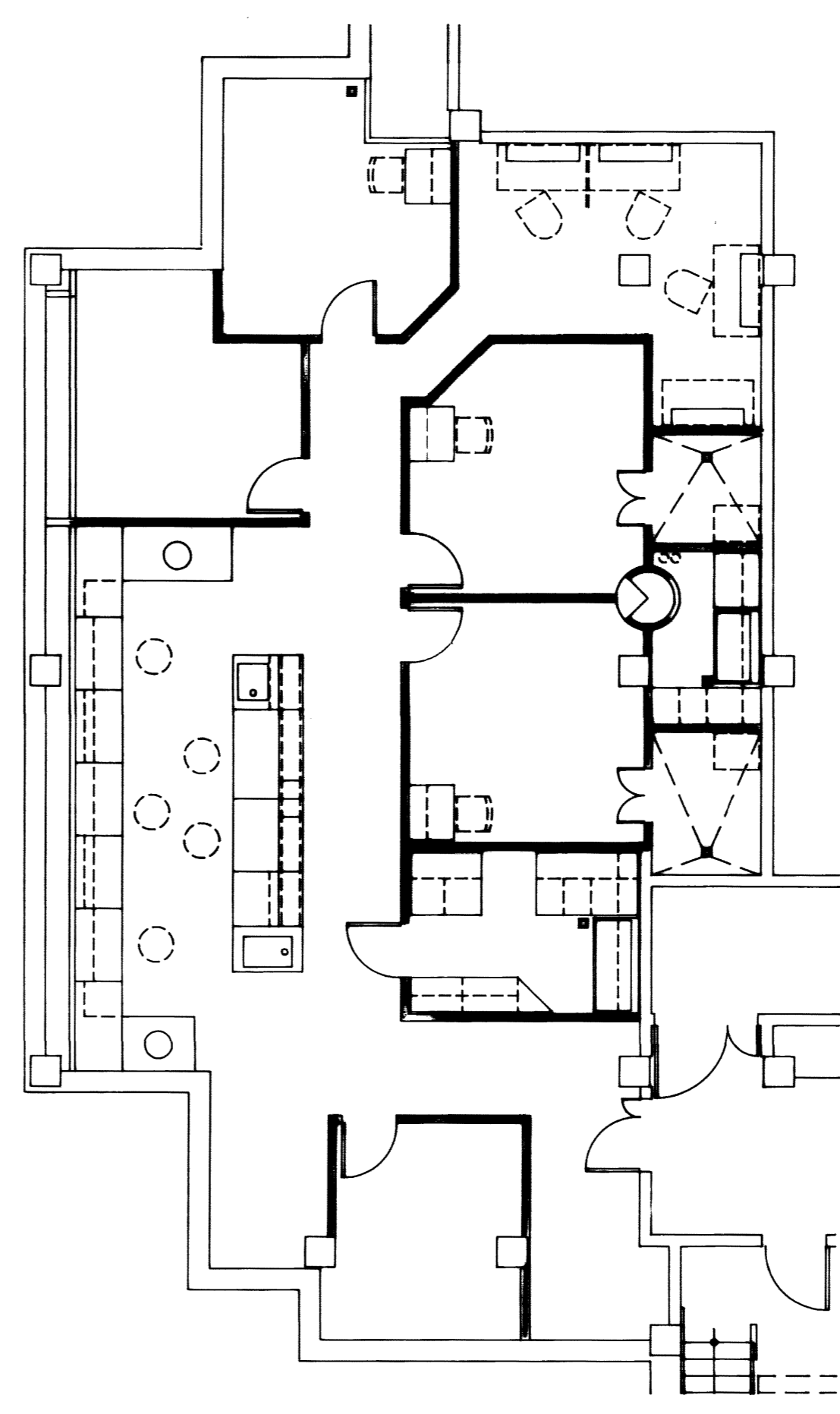
FIRST FLOOR (PARTIAL PLAN)

1/8" = 1'-0"



TYP. PARTIAL PLAN (SIMILAR ALL LABS FIRST & SECOND FL.)

1/8" = 1'-0"



LEGEND

SHADED WALLS INDICATE LOCATION OF SOUND BATT ATTENUATION.

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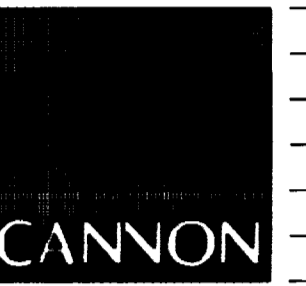
BASEMENT PLAN

1/8" = 1'-0" (PARTIAL PLAN)

project no.	
date	
un. no.	
dr. by	
ch. by	
revision	
drawing	
approved by	FINAL DOCUMENTS
director - design and construction division	

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Lexington, Kentucky

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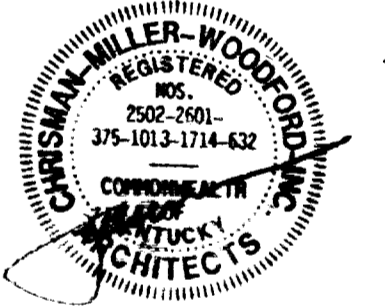
165 North Meramec, Suite 600
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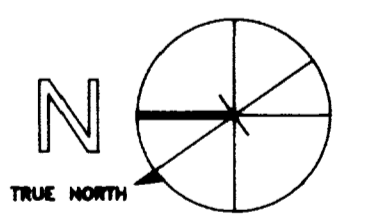
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RECORD DRAWINGS DATE AUGUST 1998

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Project North

Revision	Date
Issue Date	7/21/98
Drawing Title	

DEMOLITION & NEW WORK DRAWINGS

Drawn by JKW

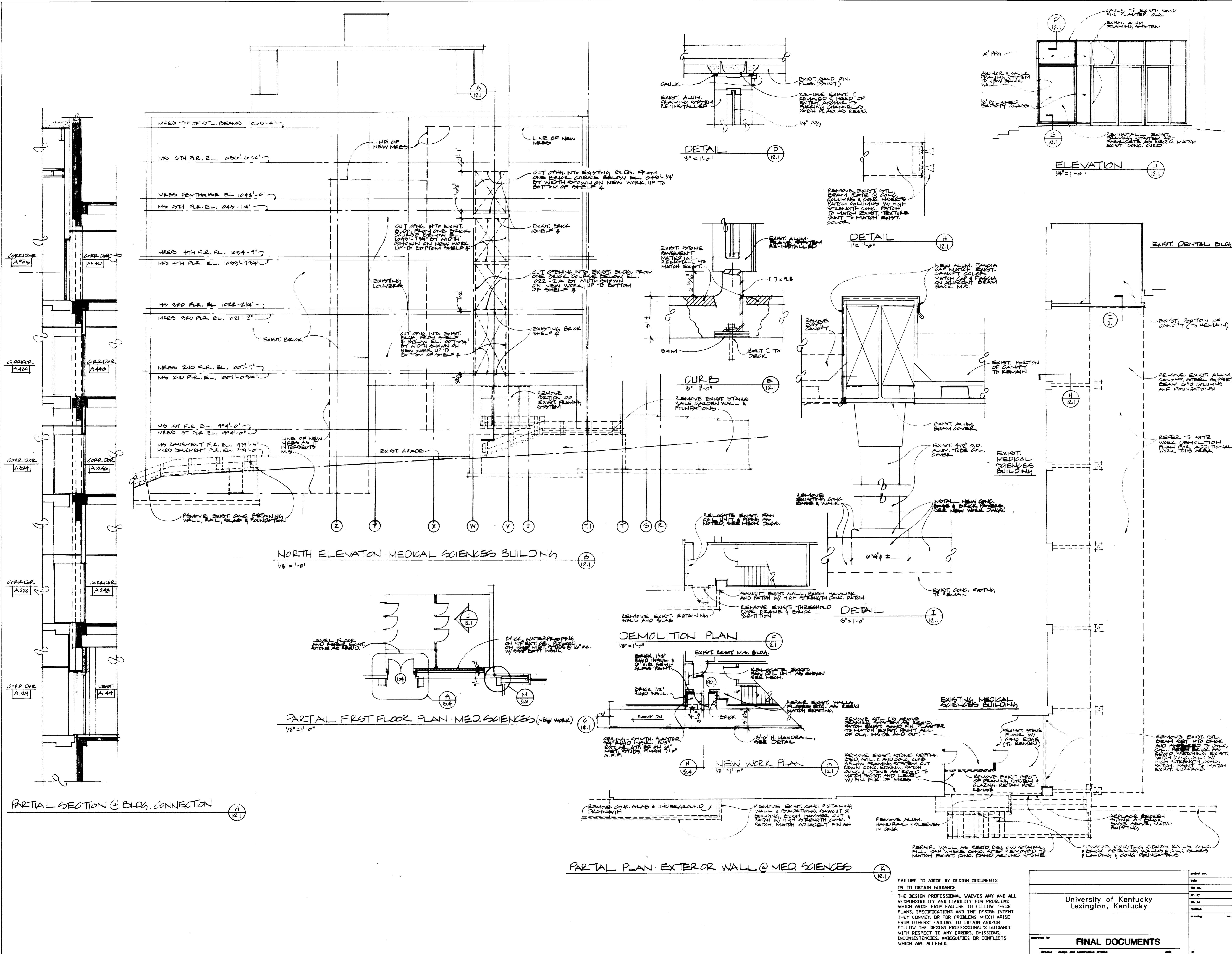
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Project No. Scale

90240 01 NA

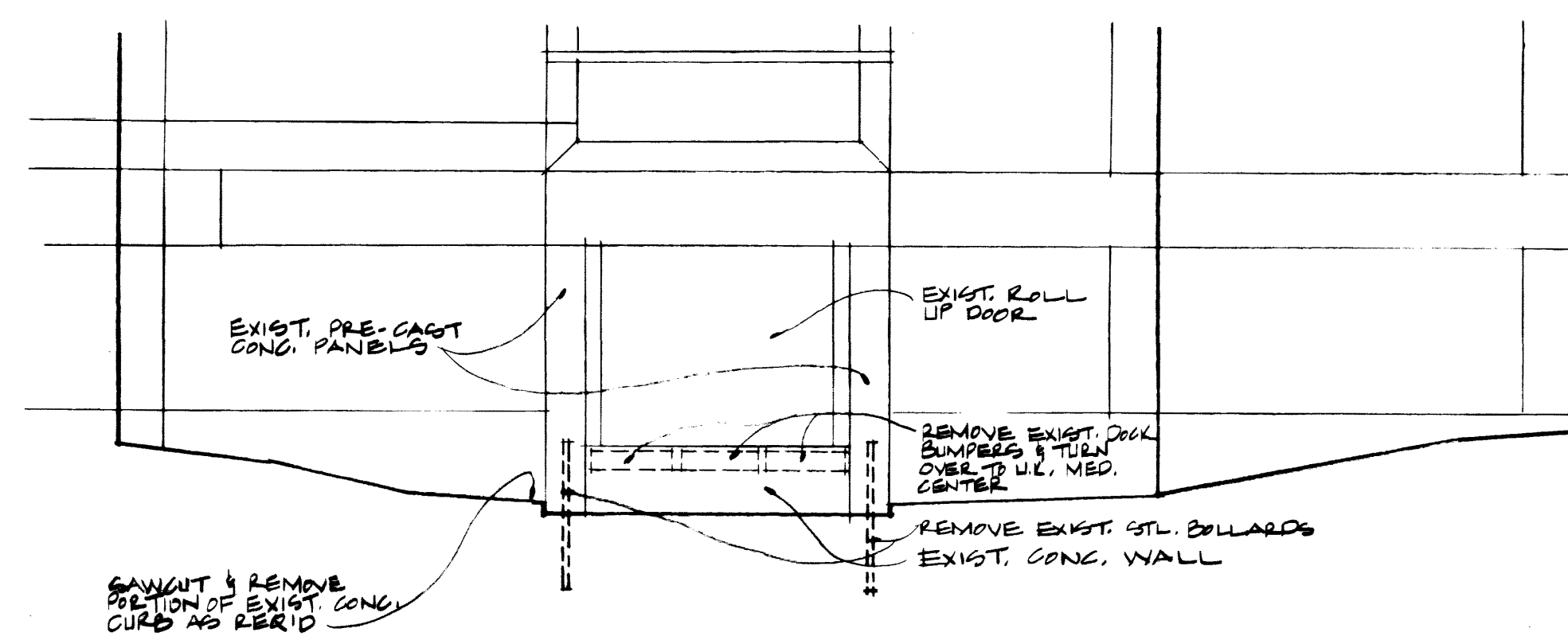
Drawing No.

12.1

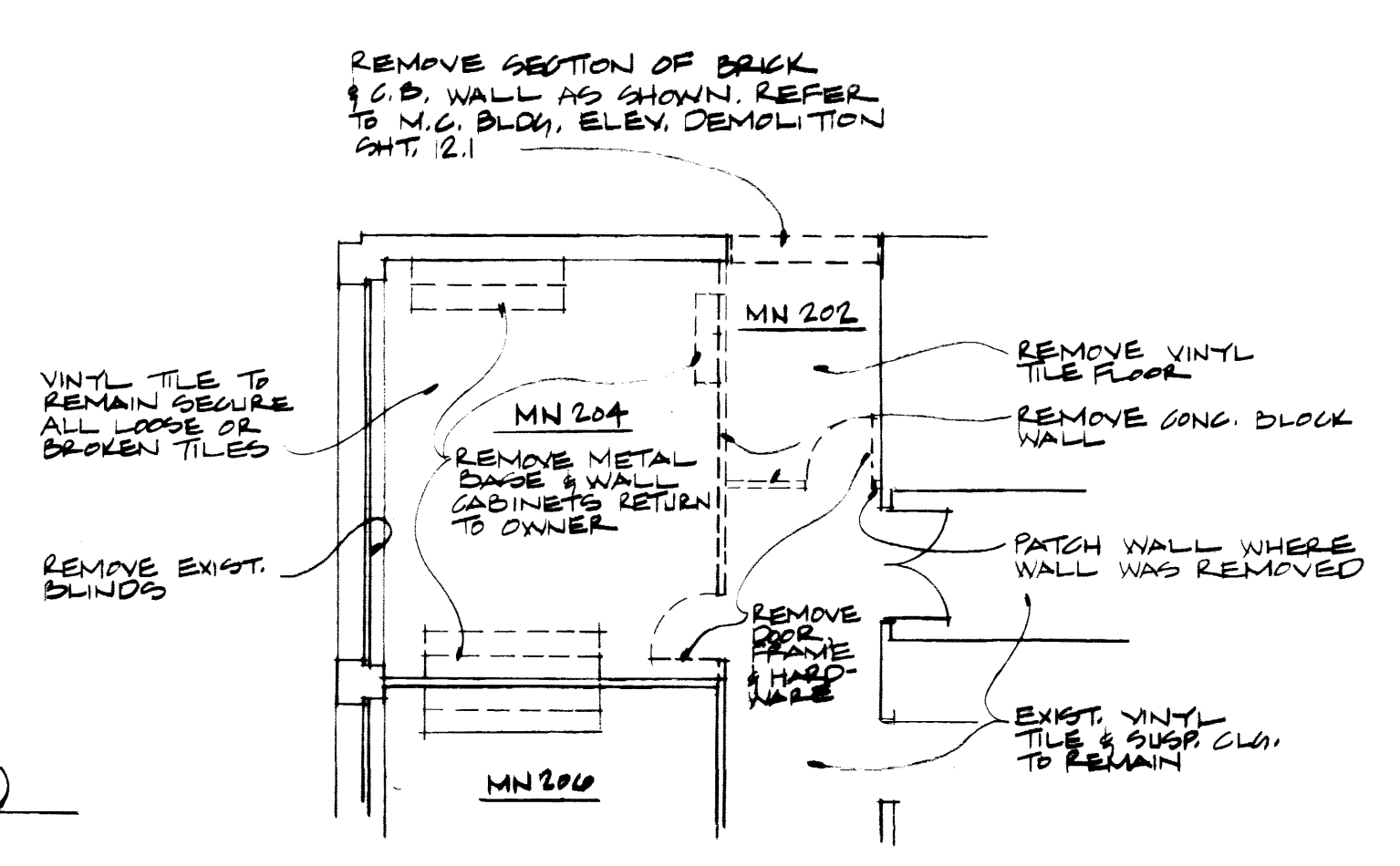


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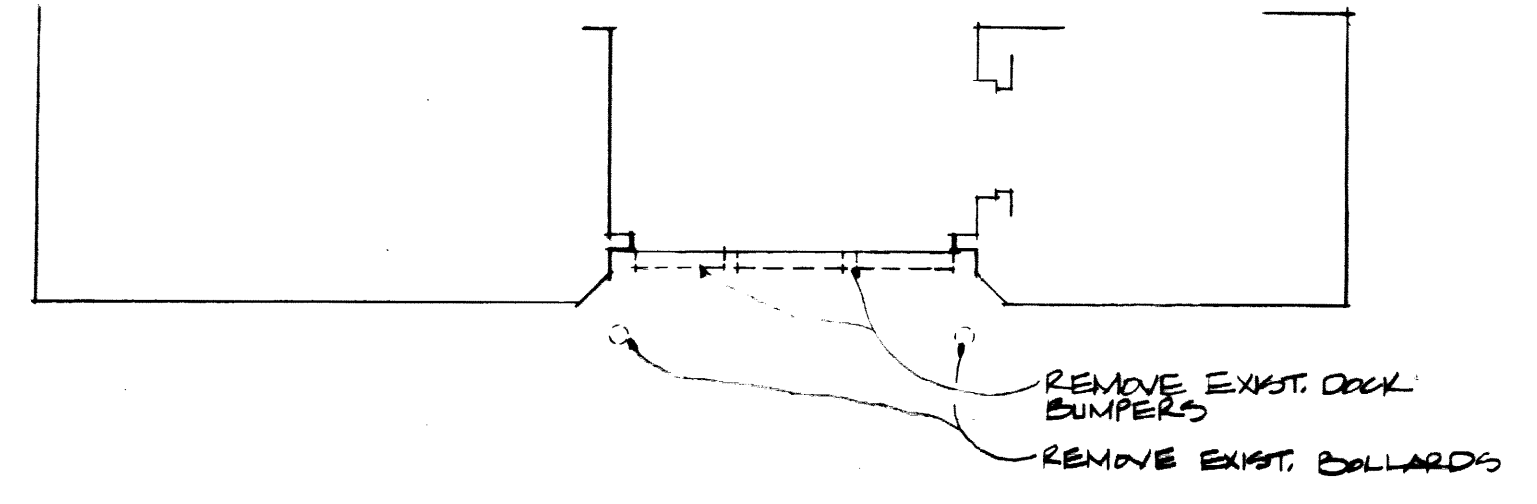
University of Kentucky Lexington, Kentucky	Project No. Scale
FINAL DOCUMENTS	Drawing No.
	12.1



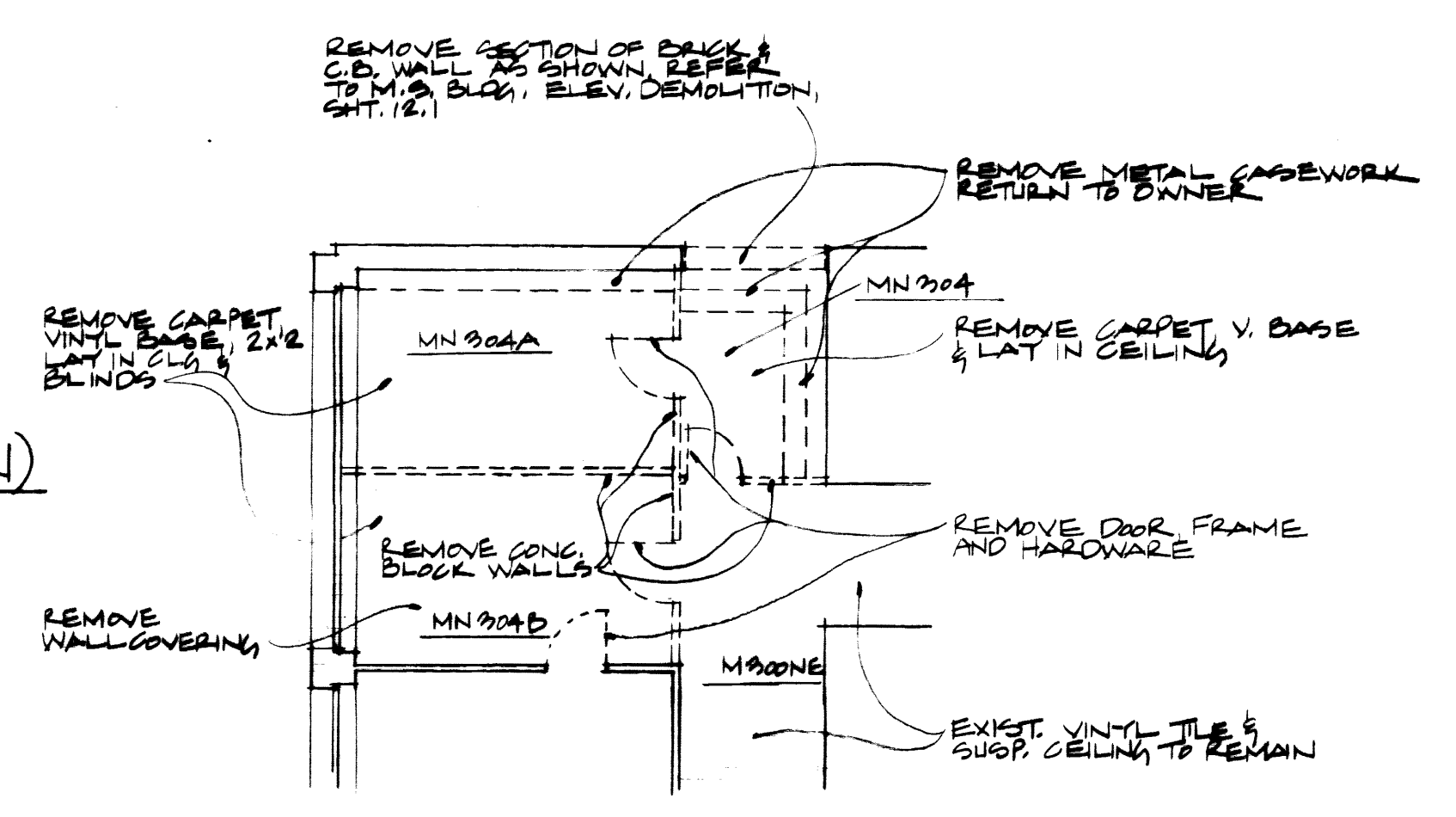
ENSLAW-COMBS LOADING DOCK PARTIAL ELEVATION (DEMOLITION)
1/8" = 1'-0"



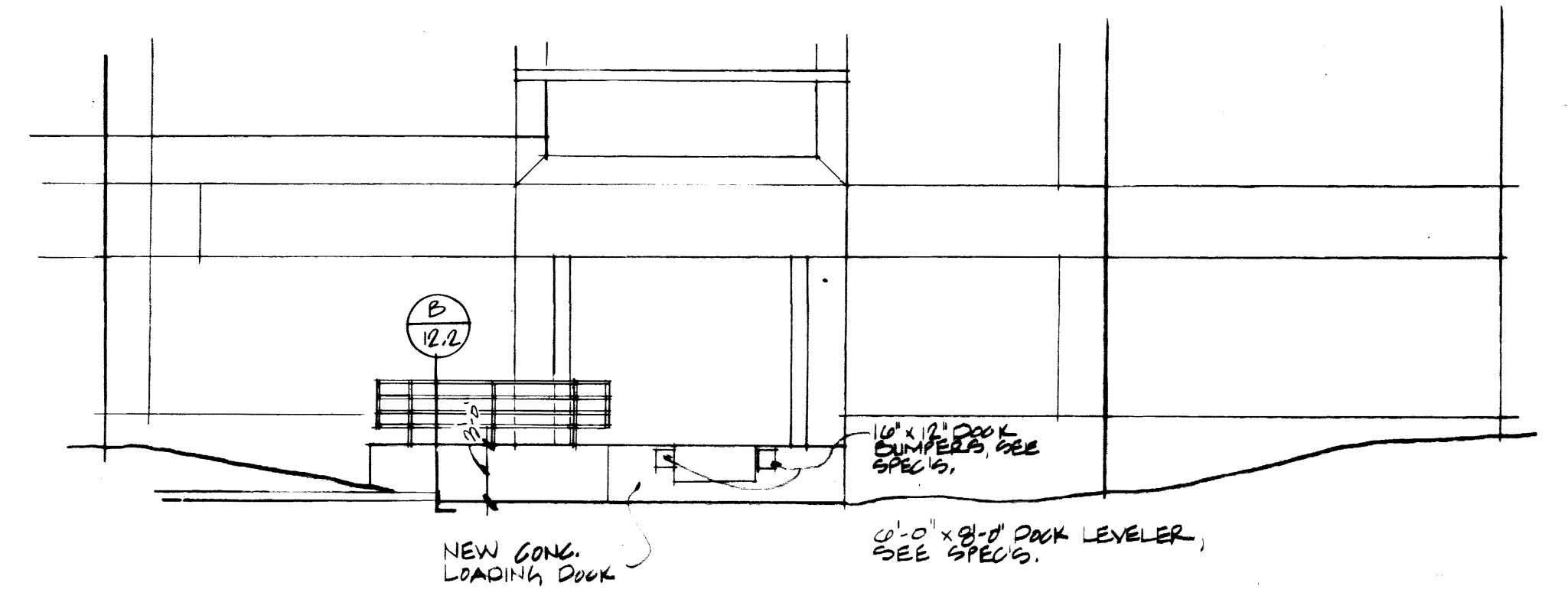
PARTIAL SECOND FLOOR MEDICAL SCIENCES (DEMOLITION)
1/8" = 1'-0"



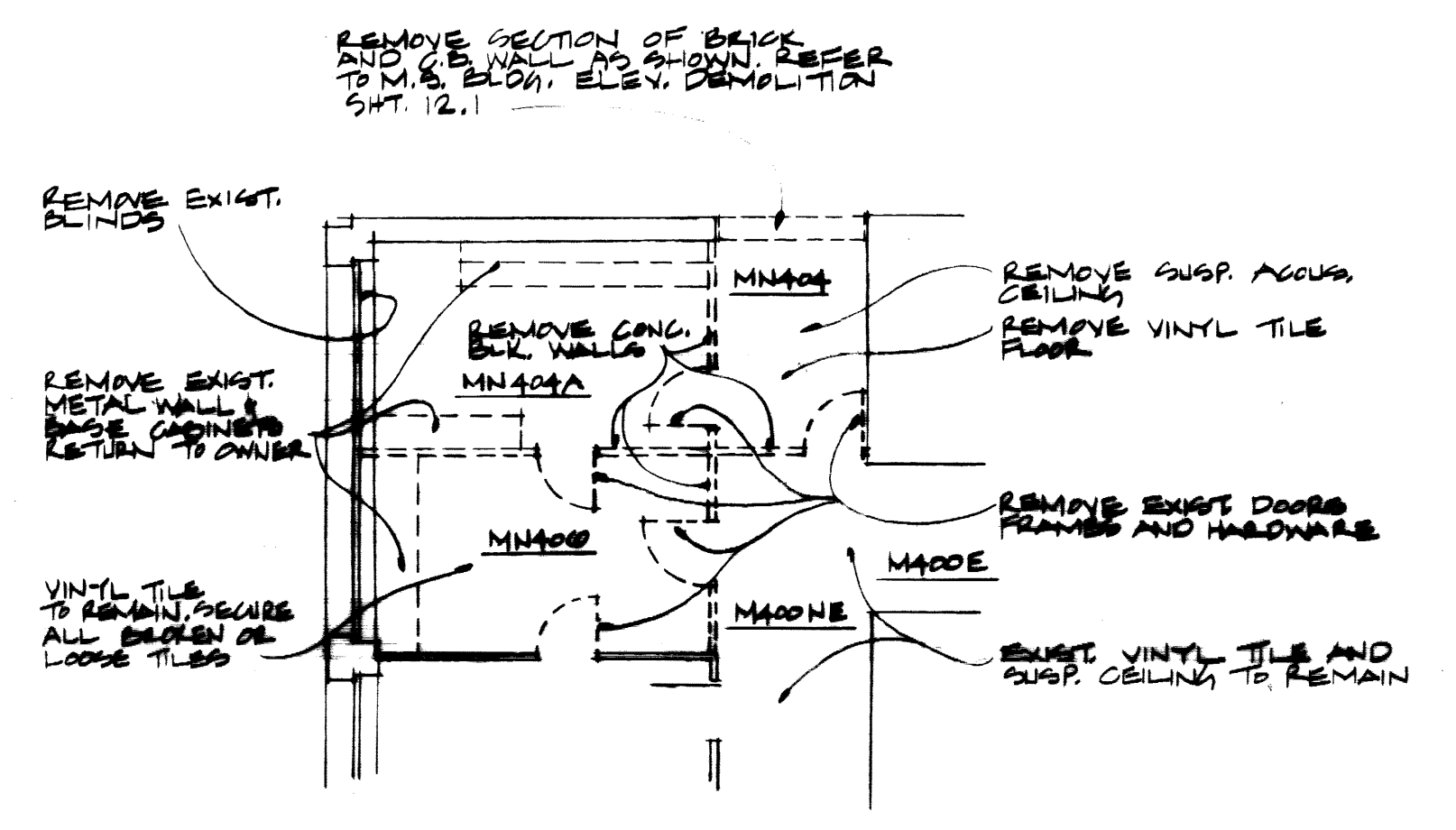
ENSLAW-COMBS LOADING DOCK PARTIAL FLOOR PLAN (DEMOLITION)
1/8" = 1'-0"



PARTIAL THIRD FLOOR MEDICAL SCIENCES (DEMOLITION)
1/8" = 1'-0"

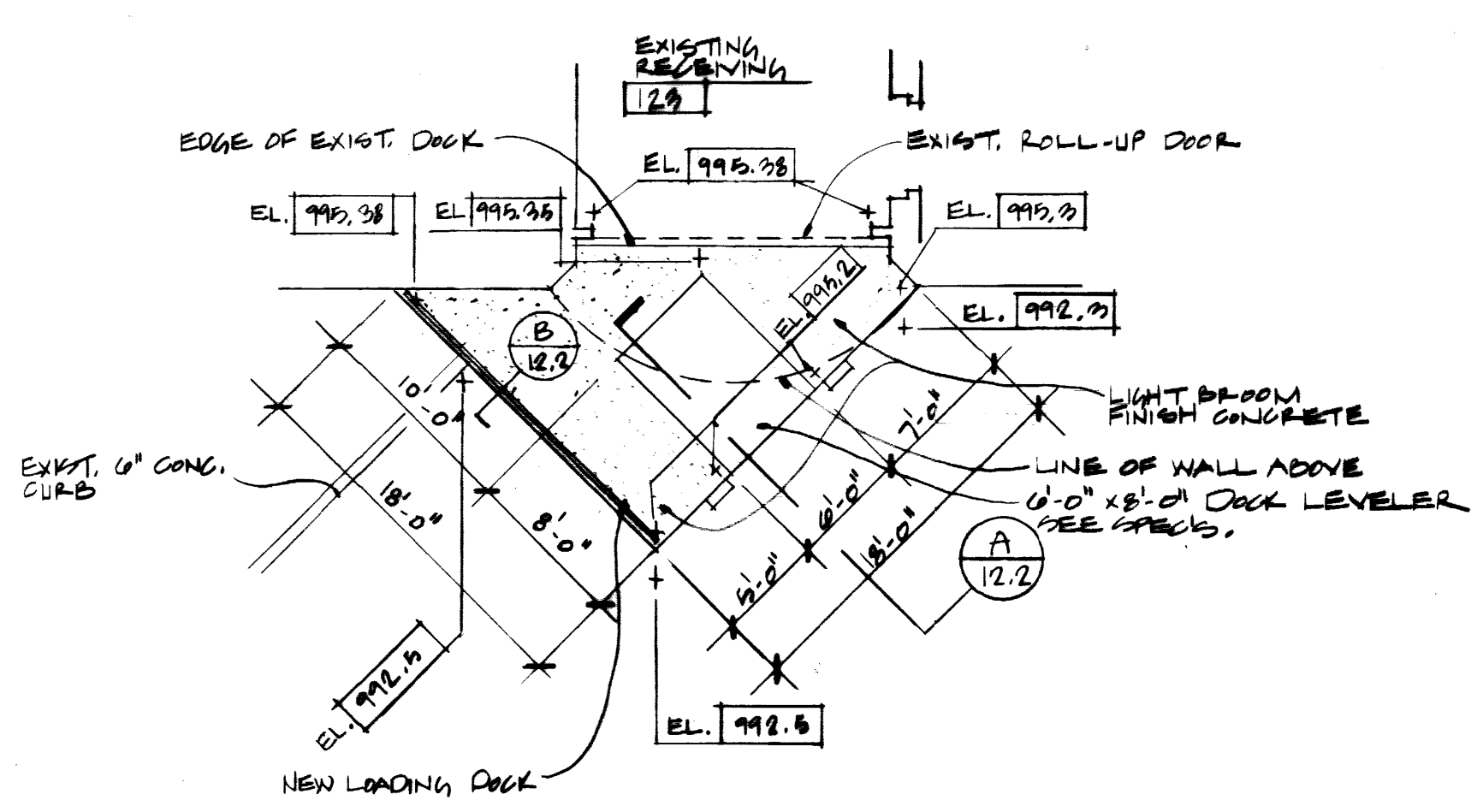


ENSLAW-COMBS LOADING DOCK PARTIAL ELEVATION (NEW WORK)
1/8" = 1'-0"

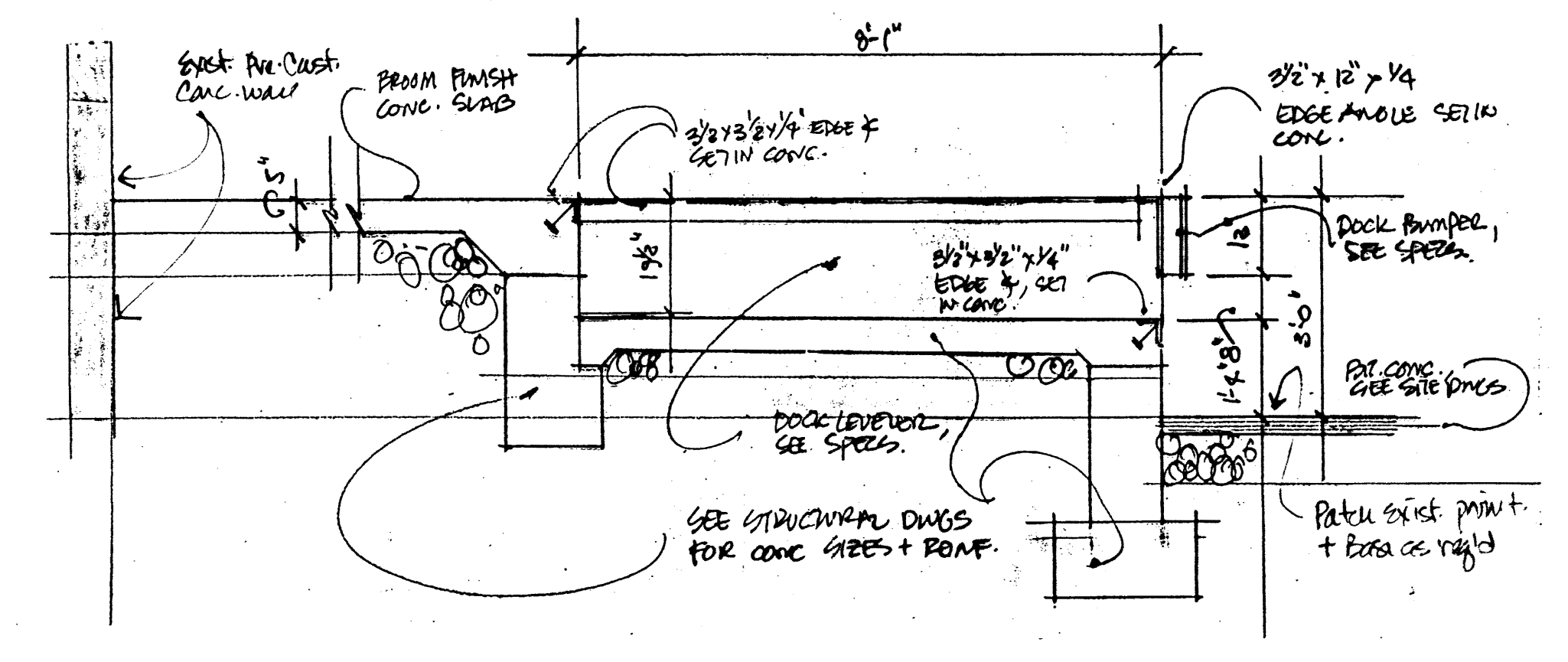


PARTIAL FOURTH FLOOR MEDICAL SCIENCES (DEMOLITION)
1/8" = 1'-0"

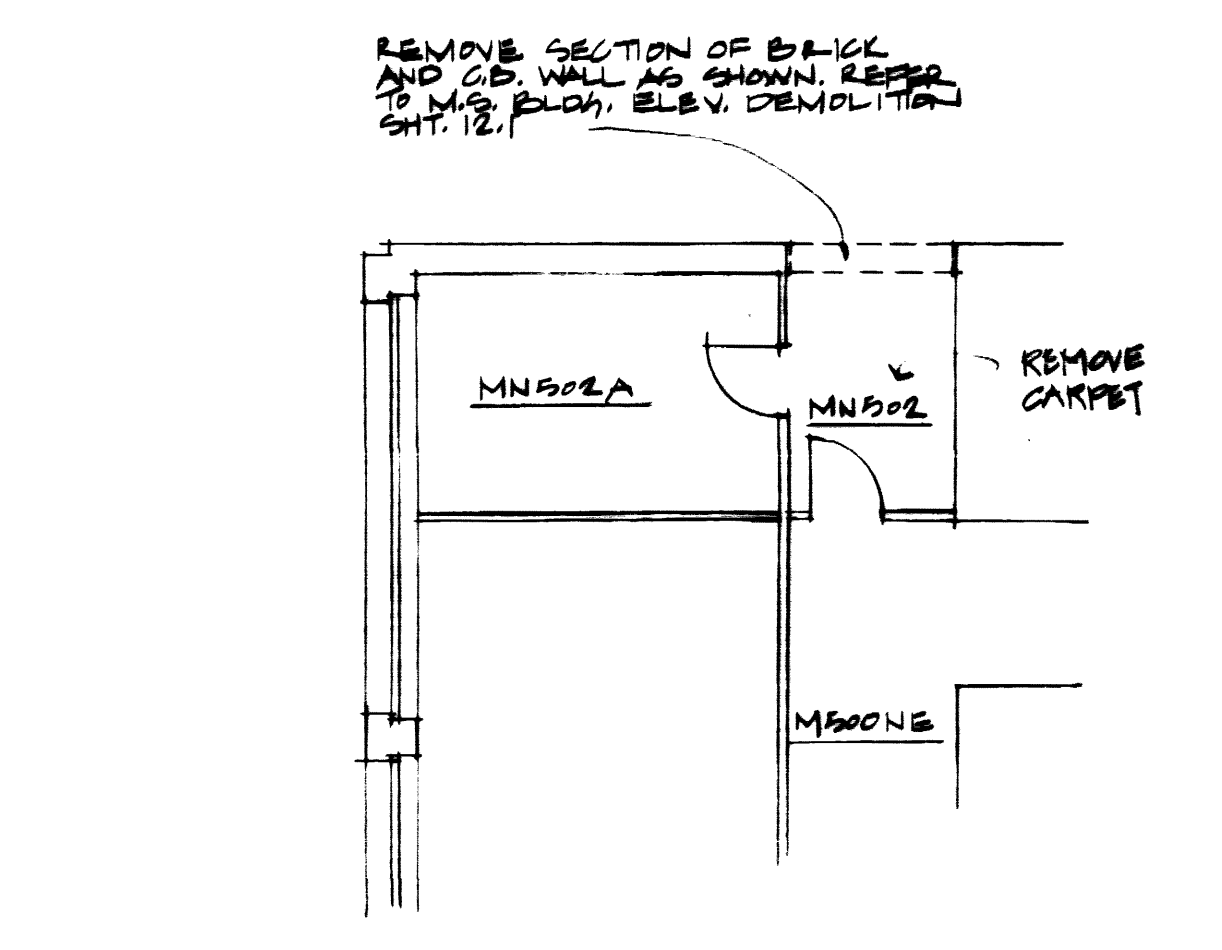
NOTE: REFER TO SITE DEVELOPMENT DRAWINGS FOR GRADING & ELEVATIONS
REFER TO STRUCTURAL DRAWINGS FOR CONSTRUCTION DETAILS



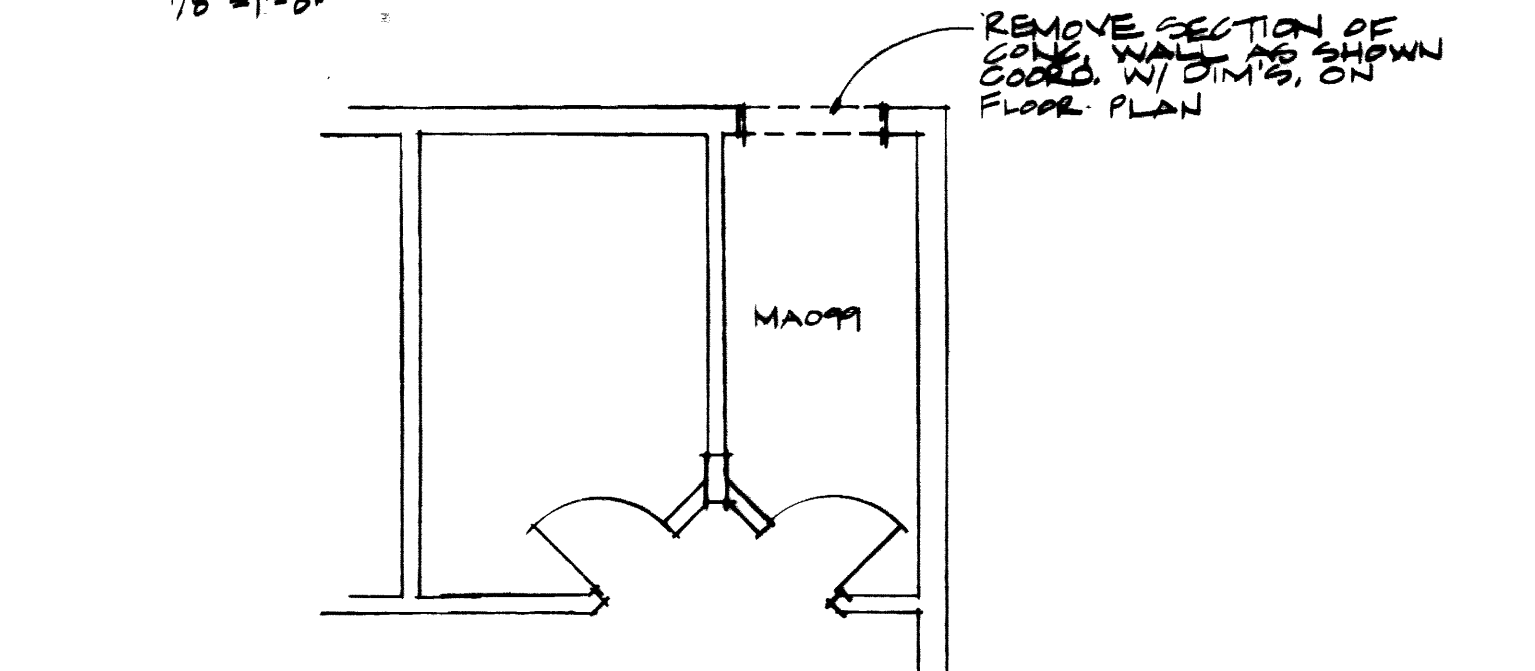
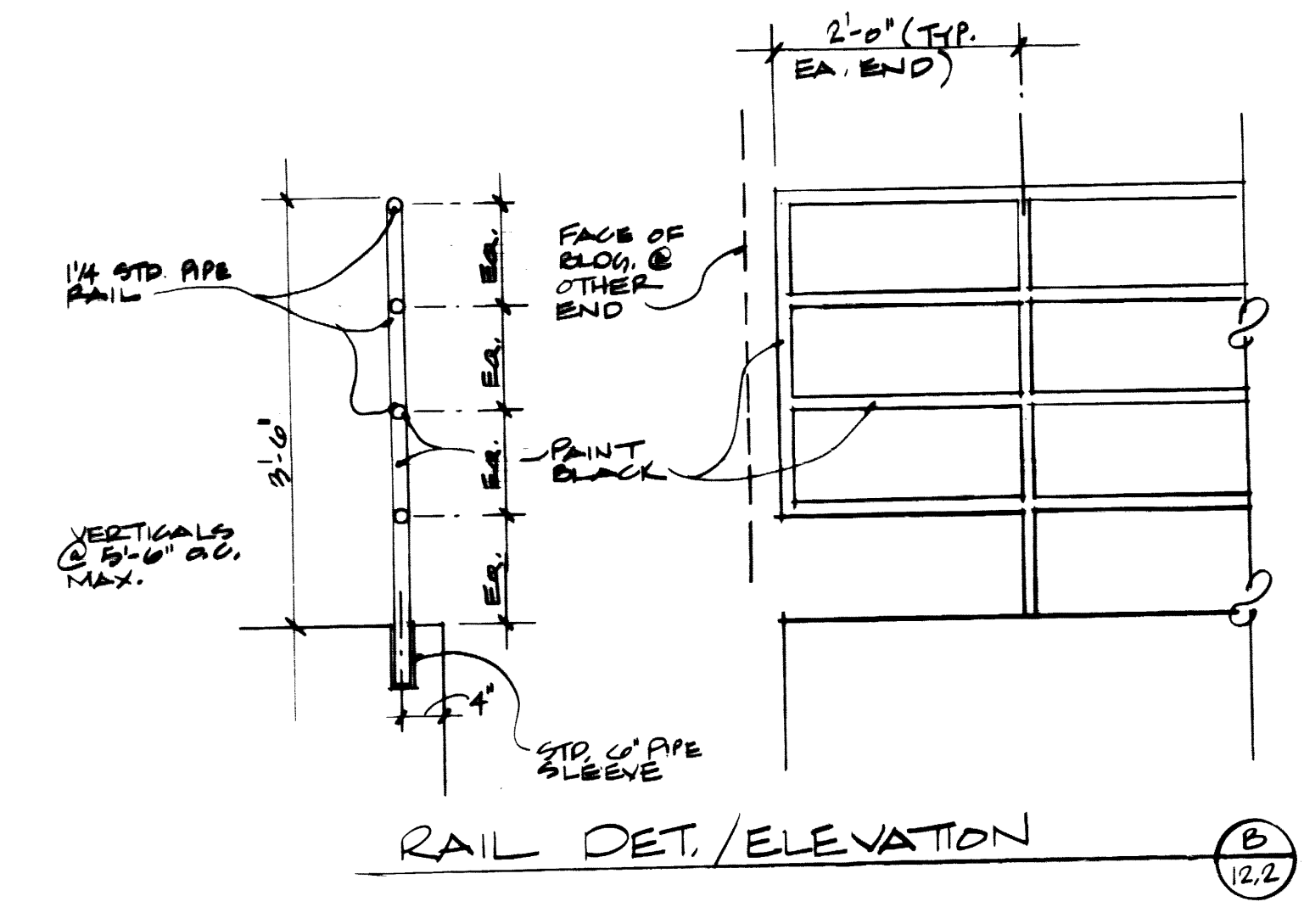
ENSLAW-COMBS LOADING DOCK PARTIAL FLOOR PLAN (NEW WORK)
1/8" = 1'-0"



SECTION THRU DOCK LEVELER
1/2" = 1'-0"



PARTIAL FIFTH FLOOR MEDICAL SCIENCES (DEMOLITION)
1/8" = 1'-0"

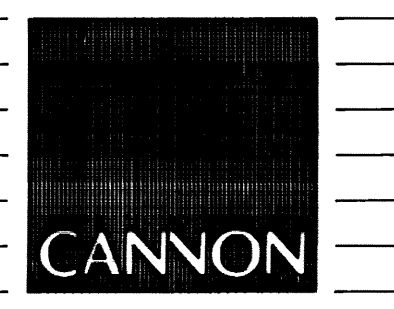


PARTIAL BASEMENT FLOOR ANIMAL CARE (DEMOLITION)
1/8" = 1'-0"

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project no.	
date	
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approved by	FINAL DOCUMENTS
director - design and construction division	
scale	
sheet	

THE UNIVERSITY OF KENTUCKY
MEDICAL RESEARCH EXPANSION SPACE
PROJECT NO. 147.0
Lexington, Kentucky

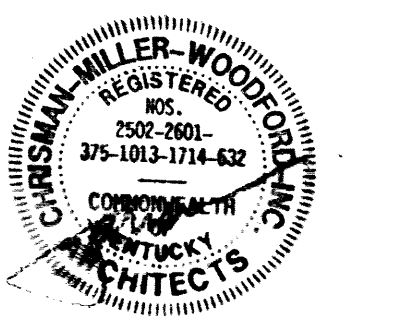


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Revision	Date
Issue Date	Dec. 1992

Drawing Title	
DEMOLITION PLANS/DETAILS ENSLAW-COMBS LOADING DOCK DEVELOPMENT	
Drawn by	BN
Checked by	KVLM JB
Project No.	1024001
Scale	NA
Drawing No.	12.2

002008