

Animal Care Shell Fit-Up

UNIVERSITY OF KENTUCKY

PROJECT NO. 1627.0



CHRISMAN • MILLER • WOODFORD, INC.
ARCHITECTURE ENGINEERING PLANNING INTERIORS LANDSCAPE ARCHITECTURE
326 SOUTH BROADWAY LEXINGTON, KENTUCKY 40508

CMW ARCHITECTURE
LANDSCAPE ARCHITECTURE
INTERIORS
MECHANICAL
ELECTRICAL

CMW

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A.I.A.

ARCHITECTURAL

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APPLICABLE CODES

THE KENTUCKY BUILDING CODE / 1994 EDITION
BOCA NATIONAL MECHANICAL CODE / 1993
NFPA 70 - NATIONAL ELECTRICAL CODE / 1993
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)
NFPA - LIFE SAFETY CODE / 1989

STANDARDS

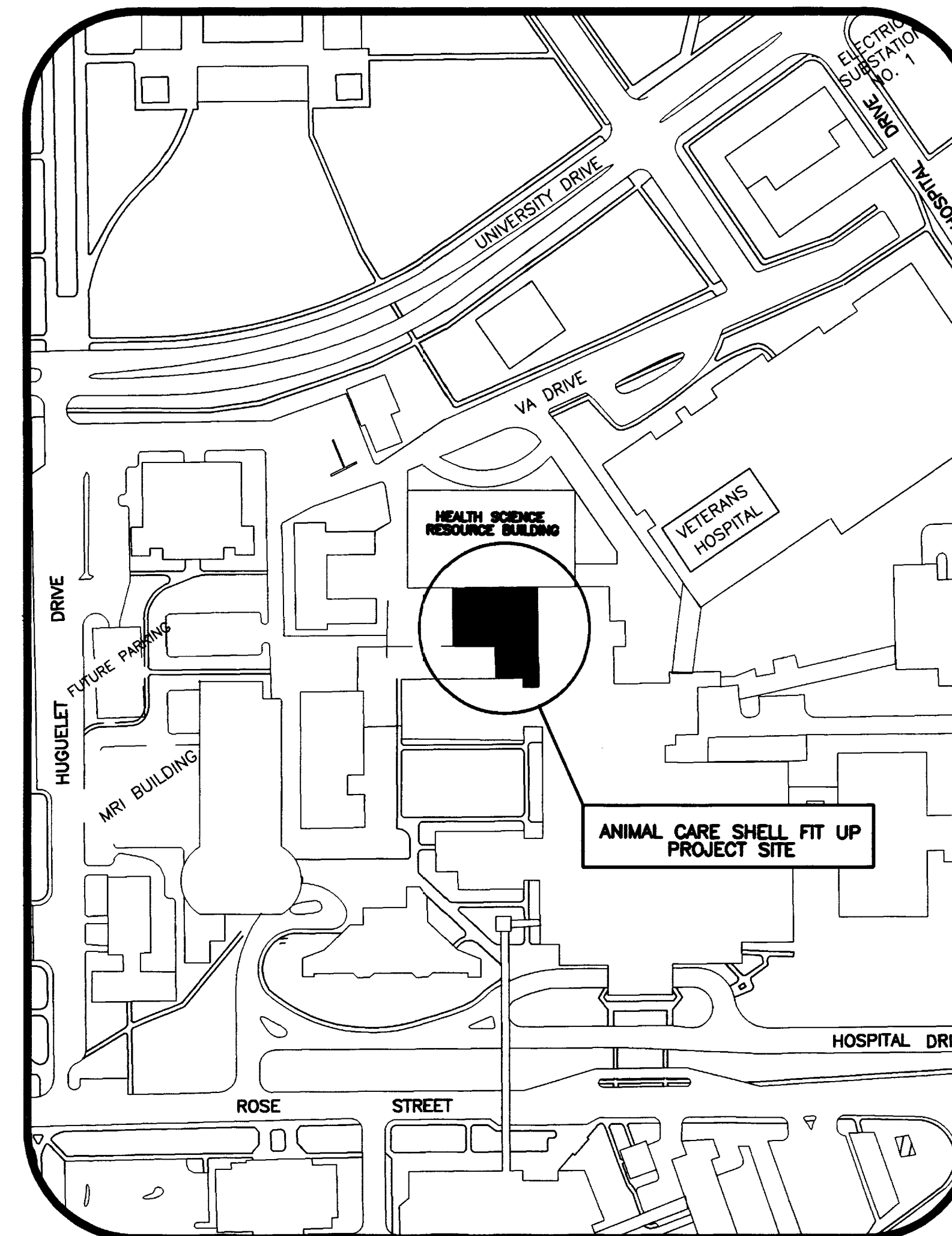
AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)
AMERICAN SOCIETY FOR TECHNICAL ENGINEERS (ASTM)
AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)
AMERICAN WATER WORKS ASSOCIATION (AWWA)
NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA)
NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)
UNDERWRITERS' LABORATORIES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

SQUARE FOOTAGE
ANIMAL CARE SHELL FIT-UP 10,474 SQUARE FEET

1994 KENTUCKY BUILDING CODE
25 PERSONS OCCUPANCY LOAD
OCCUPANCY - BUSINESS USE GROUP
TYPE OF CONSTRUCTION - B PROTECTED
BUILDING IS FULLY SUPPRESSED
FIRE ALARM SYSTEM

AREA LIMITATION
NOT LIMITED

FIRE SEPARATION - 2 HOURS
LENGTH OF EXIT TRAVEL 250'



MECHANICAL

- 8.11 HVAC PLAN - ANIMAL CARE FLOOR ✓
- 8.12 HYDRONIC PIPING PLAN - ANIMAL CARE FLOOR ✓
- 8.13 HVAC PLAN - PENTHOUSE / ROOF ✓
- 8.21 HVAC PARTIAL PLANS ✓
- 8.22 HVAC SECTIONS - ANIMAL CARE ✓
- 8.23 HVAC SECTIONS - PENTHOUSE 10.23.34 ✓
- 8.31 HVAC DETAILS ✓
- 8.32 HVAC DETAILS ✓
- 8.33 HVAC DETAILS ✓
- 8.34 HVAC FLOW DIAGRAM 10.23.50 ✓
- 8.41 HVAC SCHEDULES ✓
- 9.11 PLUMBING UNDERFLOOR PLAN - ANIMAL CARE ✓
- 9.12 PLUMBING PLAN - ANIMAL CARE FLOOR ✓
- 9.13 MEDICAL GAS PLAN - ANIMAL CARE FLOOR 10.23.42 ✓
- 9.21 PLUMBING RISERS ✓
- 9.21 MEDICAL GAS SCHEMATIC PIPING DIAGRAMS AND DETAILS ✓
- 9.23 PLUMBING RISERS ✓
- 9.41 PLUMBING DETAILS ✓
- 9.26 PLUMBING RISERS ✓
- 9.27 PLUMBING RISERS ✓
- 9.28 PLUMBING RISERS ✓
- 9.31 GAS PIPING - SCHEMATIC RISER DIAGRAM "A" ✓
- 9.32 GAS PIPING - SCHEMATIC RISER DIAGRAM "B" ✓
- 9.33 LABORATORY VACUUM PIPING - SCHEMATIC RISER DIAGRAM "A" ✓
- 9.34 LABORATORY VACUUM PIPING - SCHEMATIC RISER DIAGRAM "B" ✓
- 9.35 MEDICAL GAS PIPING SCHEMATIC PIPING DIAGRAM ✓
- 9.41 PLUMBING DETAILS 10.23.57 ✓
- 9.51 FIRE PROTECTION PLAN - ANIMAL CARE PLAN ✓
- 9.62 FIRE PROTECTION PLAN - PARTIAL ROOF / PENTHOUSE ✓
- 10.11 LIGHTING PLAN ✓
- 10.12 POWER PLAN ✓
- 10.13 LOW VOLTAGE PLAN ✓
- 10.21 ELECTRICAL DISTRIBUTION RISER DIAGRAM ✓
- 10.22 ROOF AND SCHEDULE PLAN 10.23.53 ✓

FINAL DOCUMENTS

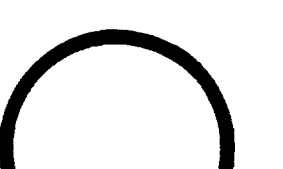
Animal Care Shell Fit-Up
University of Kentucky Project No. 1627.0

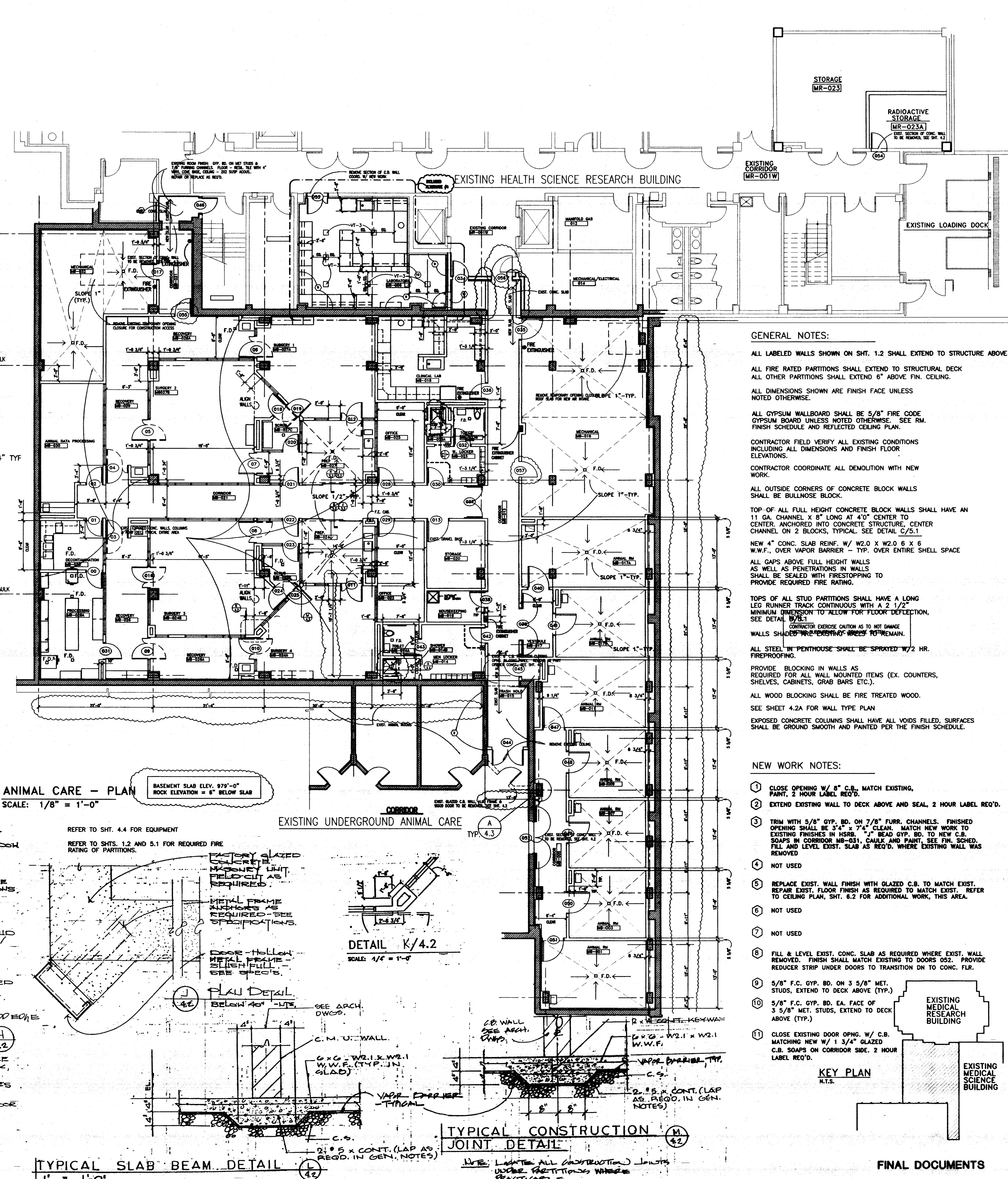
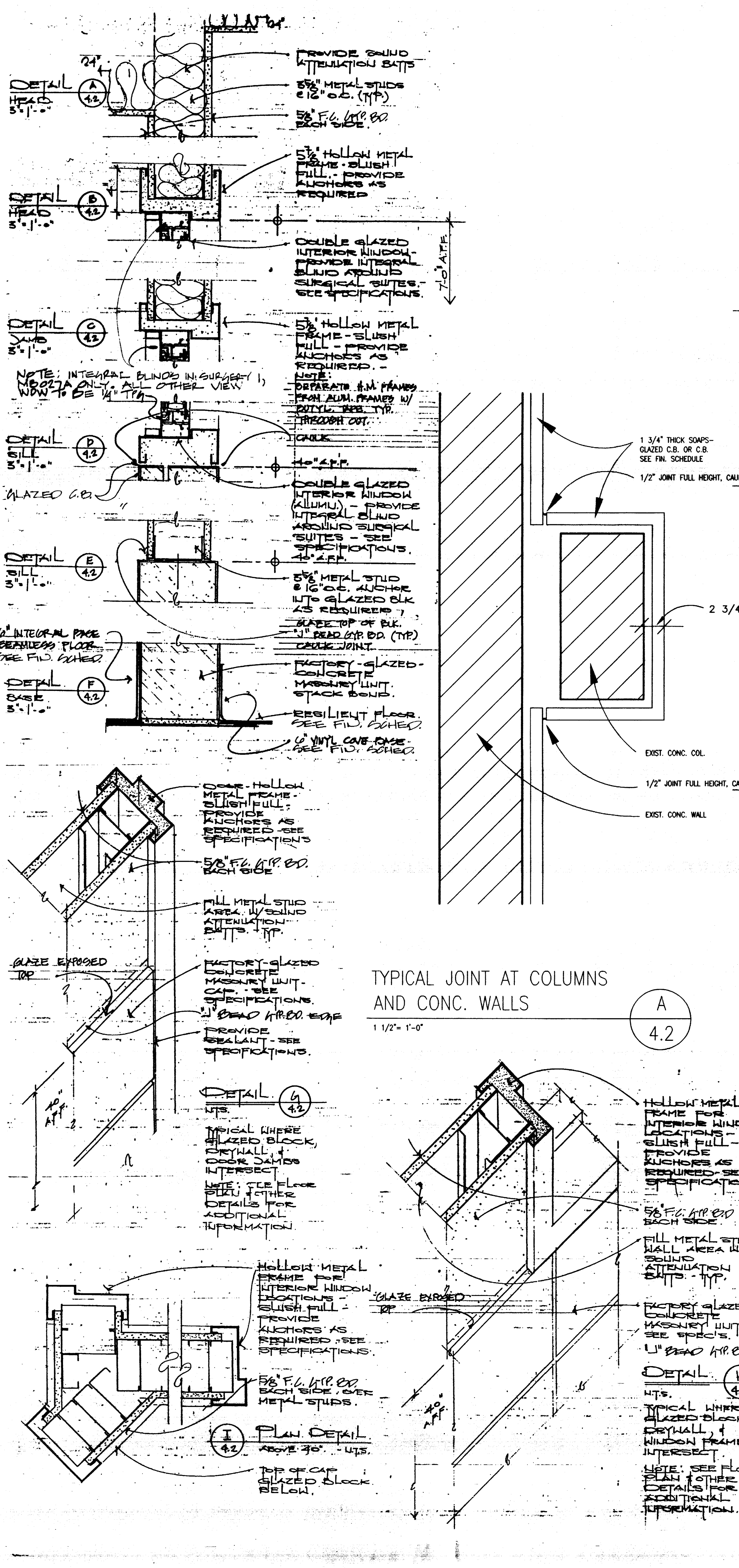
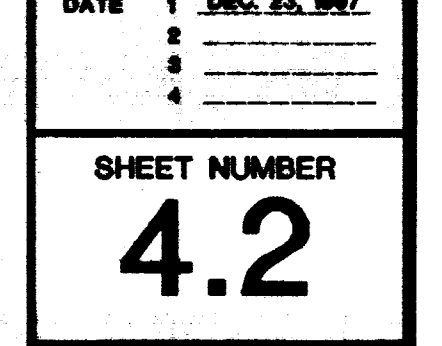
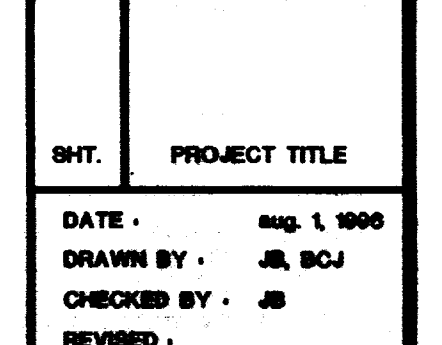
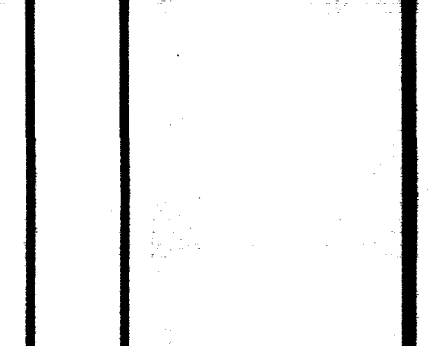
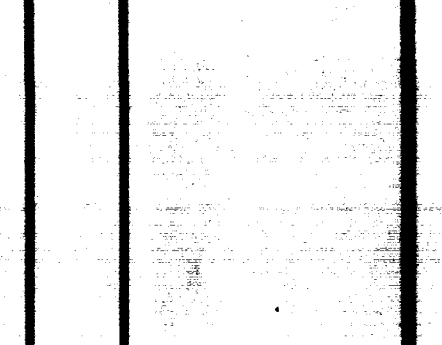
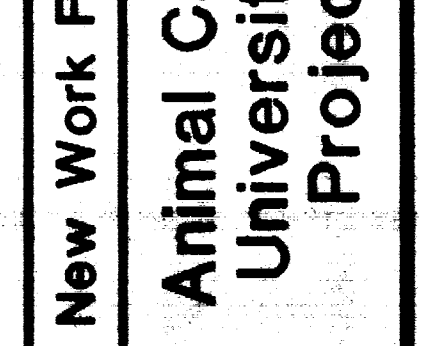
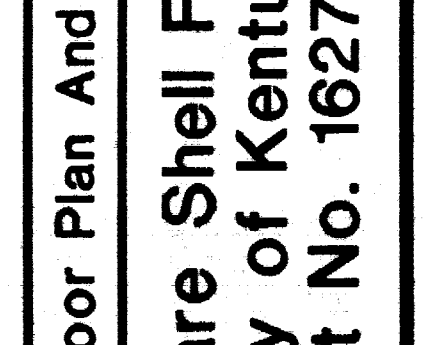
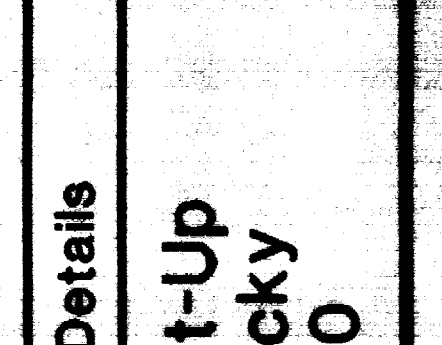
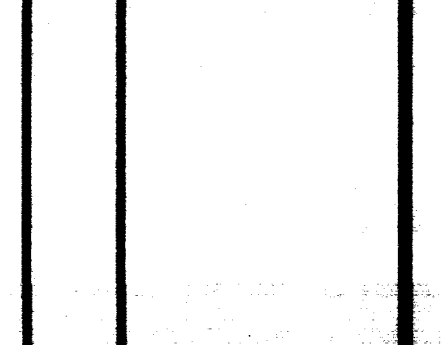
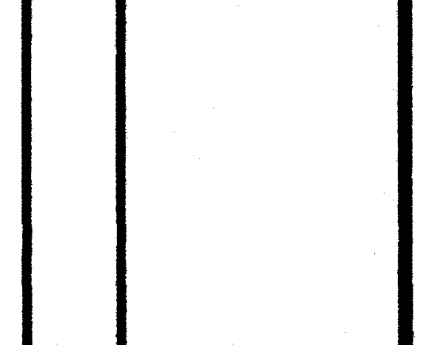
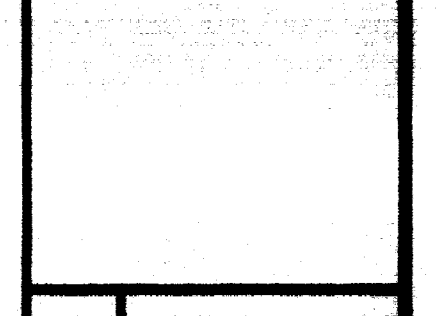
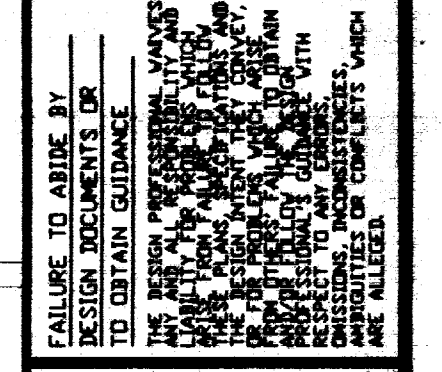
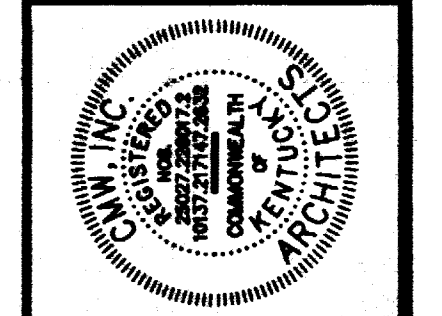
FAILURE TO ABIDE BY
DESIGN DOCUMENTS OR
TO OBTAIN CLARANCE
THE DESIGN PROFESSIONAL WARRANTS
NEITHER HIMSELF NOR HIS FIRM SHALL BE
RESPONSIBLE FOR ANY DAMAGE TO PERSONS
OR PROPERTY THAT MAY BE CAUSED BY
RELIANCE ON ANY OF HIS OR HIS FIRM'S
DESIGN DOCUMENTS OR ANY OTHER
STATEMENTS OR ACTIONS WHICH ARE
NOT IN ACCORDANCE WITH THE ABOVE
PROVISIONS OF THIS AGREEMENT.

PROJECT NUMBER
90240.08

DATE
AUG. 1, 1996

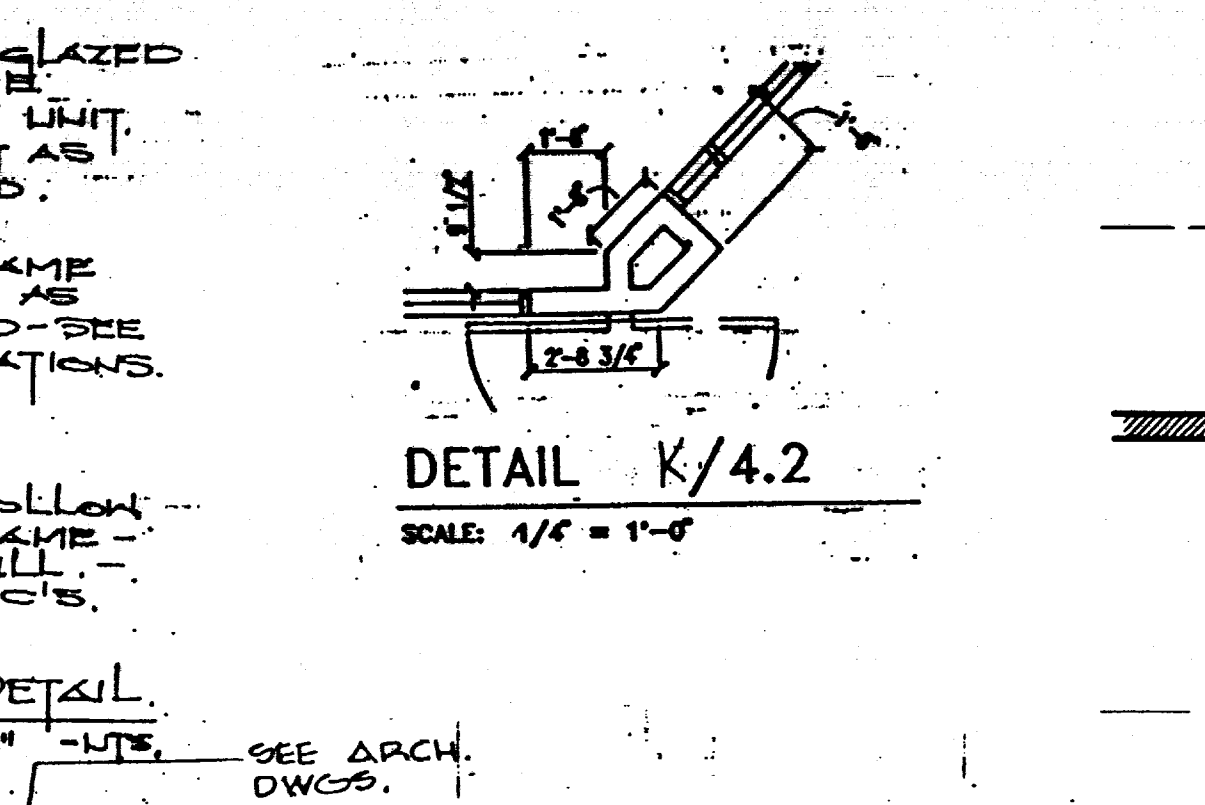
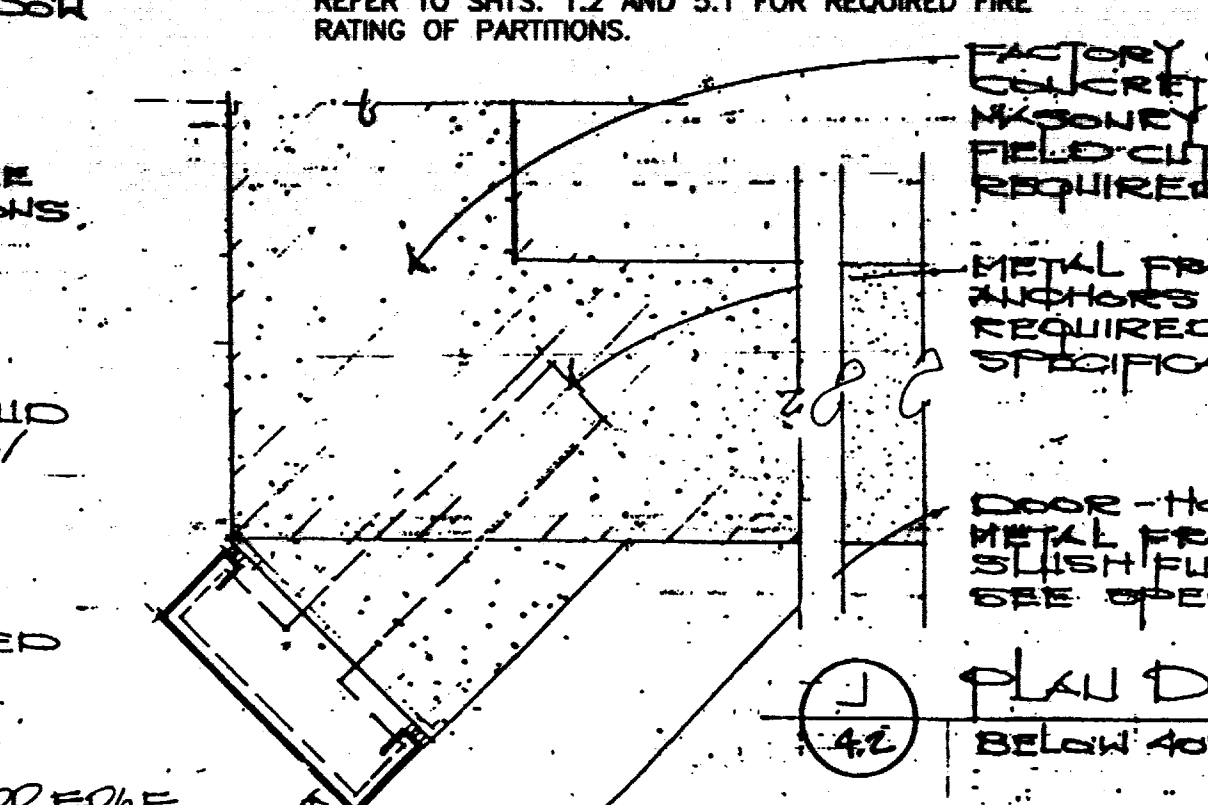
SET NUMBER





- GENERAL NOTES:**
- ALL LABELED WALLS SHOWN ON SHT. 1.2 SHALL EXTEND TO STRUCTURE ABOVE.
 - ALL FIRE RATED PARTITIONS SHALL EXTEND TO STRUCTURAL DECK ALL OTHER PARTITIONS SHALL EXTEND 6" ABOVE FIN. CEILING.
 - ALL DIMENSIONS SHOWN ARE FINISH FACE UNLESS NOTED OTHERWISE.
 - ALL GYPSUM WALLBOARD SHALL BE 5/8" FIRE CODE GYPSUM BOARD UNLESS NOTED OTHERWISE. SEE RM. FINISH SCHEDULE AND REFLECTED CEILING PLAN.
 - 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 FULL HEIGHT CONCRETE BLOCK WALLS SHALL HAVE AN 11 GA. CHANNEL X 8" LONG AT 4" CENTER TO CENTER, ANCHORED INTO CONCRETE STRUCTURE, CENTER CHANNEL ON 2 BLOCKS, TYPICAL SEE DETAIL C/5.1
 - NEW 4" CONC. SLAB REINF. W/ W2.0 X W2.0 6 X 6 W.W.F., OVER VAPOR BARRIER - TYP. OVER ENTIRE SHELL SPACE
 - ALL GAPS ABOVE FULL HEIGHT WALLS AS WELL AS PENETRATIONS IN WALLS SHALL BE SEALED WITH FIRESTOPPING TO PROVIDE REQUIRED FIRE RATING.
 - TOPS OF ALL STUD PARTITIONS SHALL HAVE A LONG LEG RUNNER TRACK CONTINUOUS WITH A 2 1/2" MINIMUM DIMENSION TO ALLOW FOR FLOOR DEFLECTION. SEE DETAIL B/2.1
 - CONTRACTOR EXERCISE CAUTION AS TO NOT DAMAGE WALLS SHOWN IN EXISTING WORK TO REMAIN.
 - ALL STEEL IN PENTHOUSE SHALL BE SPRAYED W/ 2 HR. FIREPROOFING.
 - PROVIDE 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. SEE SHEET 4.2A FOR WALL TYPE PLAN
 - EXPOSED CONCRETE COLUMNS SHALL HAVE ALL VOIDS FILLED, SURFACES SHALL BE GROUND SMOOTH AND PAINTED PER THE FINISH SCHEDULE.
- NEW WORK NOTES:**
- CLOSE OPENING W/ 8" C.B. MATCH EXISTING. PAINT, 2 HOUR LABEL REQ'D.
 - EXTEND EXISTING WALL TO DECK ABOVE AND SEAL, 2 HOUR LABEL REQ'D.
 - TRIM WITH 5/8" GYP. BD. ON 7/8" FURR. CHANNELS. FINISHED OPENING SHALL BE 3/4" x 7/8" CLEAR. MATCH NEW WORK TO EXISTING FINISHES IN HSRB. "J" BEAD GYP. BD. TO NEW C.B. SOAPS IN CORRIDOR MR-031, CAULK AND PAINT. SEE FIN. SCHED. FILL AND LEVEL EXIST. SLAB AS REQ'D. WHERE EXISTING WALL WAS REMOVED
 - NOT USED
 - REPLACE EXIST. WALL FINISH WITH GLAZED C.B. TO MATCH EXIST. REPAIR EXIST. FLOOR FINISH AS REQUIRED TO MATCH EXIST. REFER TO CEILING PLAN, SHT. 6.2 FOR ADDITIONAL WORK, THIS AREA.
 - NOT USED
 - NOT USED
 - FILL & LEVEL EXIST. CONC. SLAB AS REQUIRED WHERE EXIST. WALL REMOVED. FINISH SHALL MATCH EXISTING TO DOORS 052. PROVIDE REDUCER STRIP UNDER DOORS TO TRANSITION DN TO CONC. FLR.
 - 5/8" F.C. GYP. BD. ON 3 5/8" MET. STUDS, EXTEND TO DECK ABOVE (TYP.)
 - 5/8" F.C. GYP. BD. EA. FACE OF 3 5/8" MET. STUDS, EXTEND TO DECK ABOVE (TYP.)
 - CLOSE EXISTING DOOR OPNG. W/ C.B. MATCHING NEW W/ 1 3/4" GLAZED C.B. SOAPS ON CORRIDOR SIDE. 2 HOUR LABEL REQ'D.

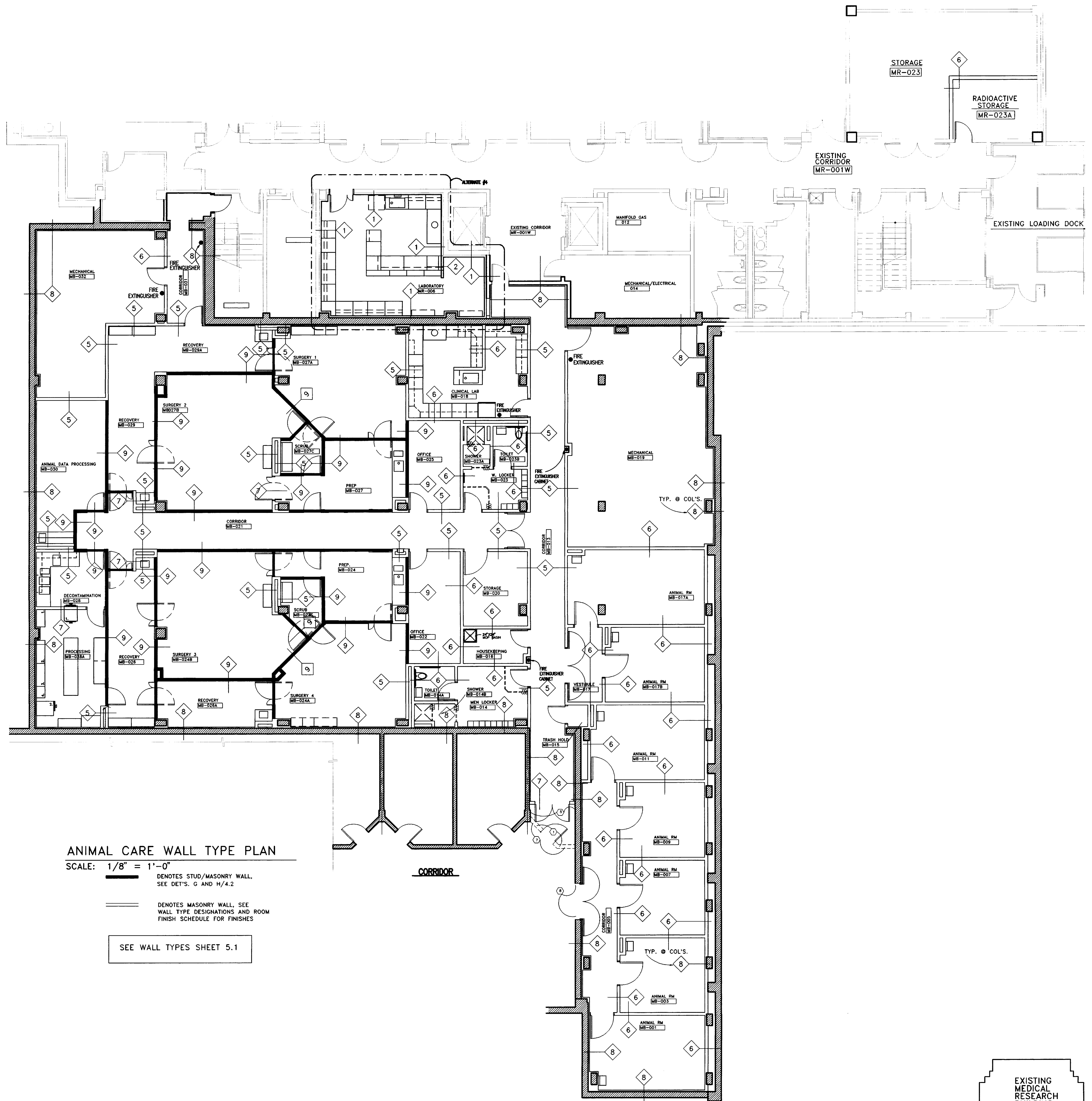
ANIMAL CARE - PLAN
 SCALE: 1/8" = 1'-0"
 BASEMENT SLAB ELEV. 979'-0"
 ROCK ELEVATION = 6" BELOW SLAB



New Work Floor Plan And Details
Animal Care Shell Fit-Up
University of Kentucky
Project No. 1627.0

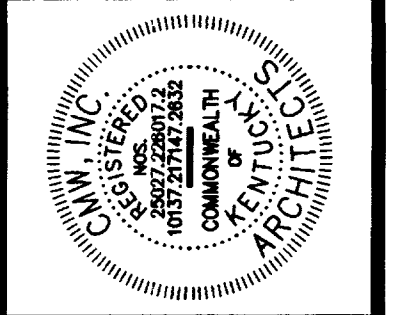
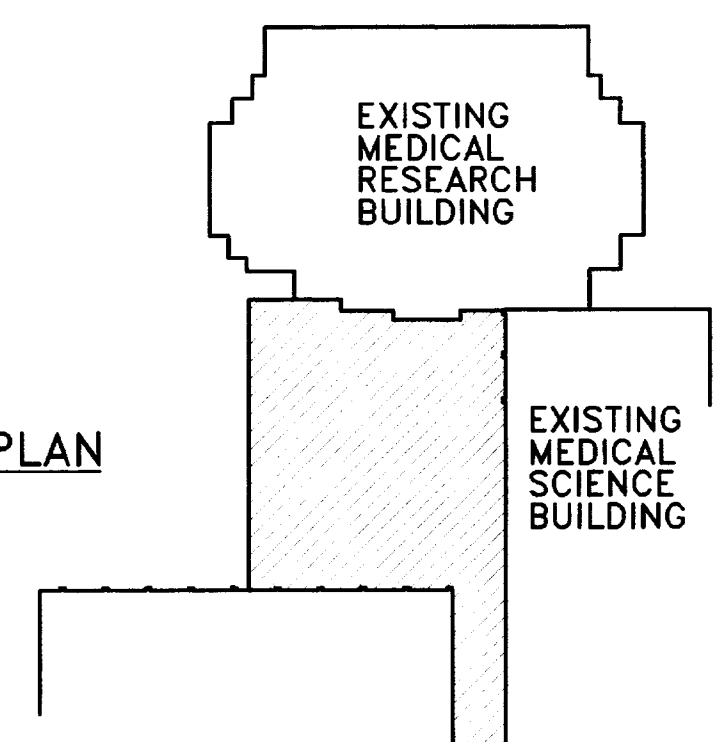
SHT.	PROJECT TITLE
DATE	NOV 19 1994
DRAWN BY	JR. BCU
CHECKED BY	JR.
REVISED	
DATE	DEC 23 1997
DATE	
DATE	
DATE	
SHEET NUMBER	4.2
PROJECT NUMBER	90240.06

FINAL DOCUMENTS



ANIMAL CARE WALL TYPE PLAN
 SCALE: 1/8" = 1'-0"
 ——— DENOTES STUD/MASONRY WALL. SEE DET'S. G AND H/4.2
 ——— DENOTES MASONRY WALL. SEE WALL TYPE DESIGNATIONS AND ROOM FINISH SCHEDULE FOR FINISHES
 SEE WALL TYPES SHEET 5.1

KEY PLAN
 N.T.S.



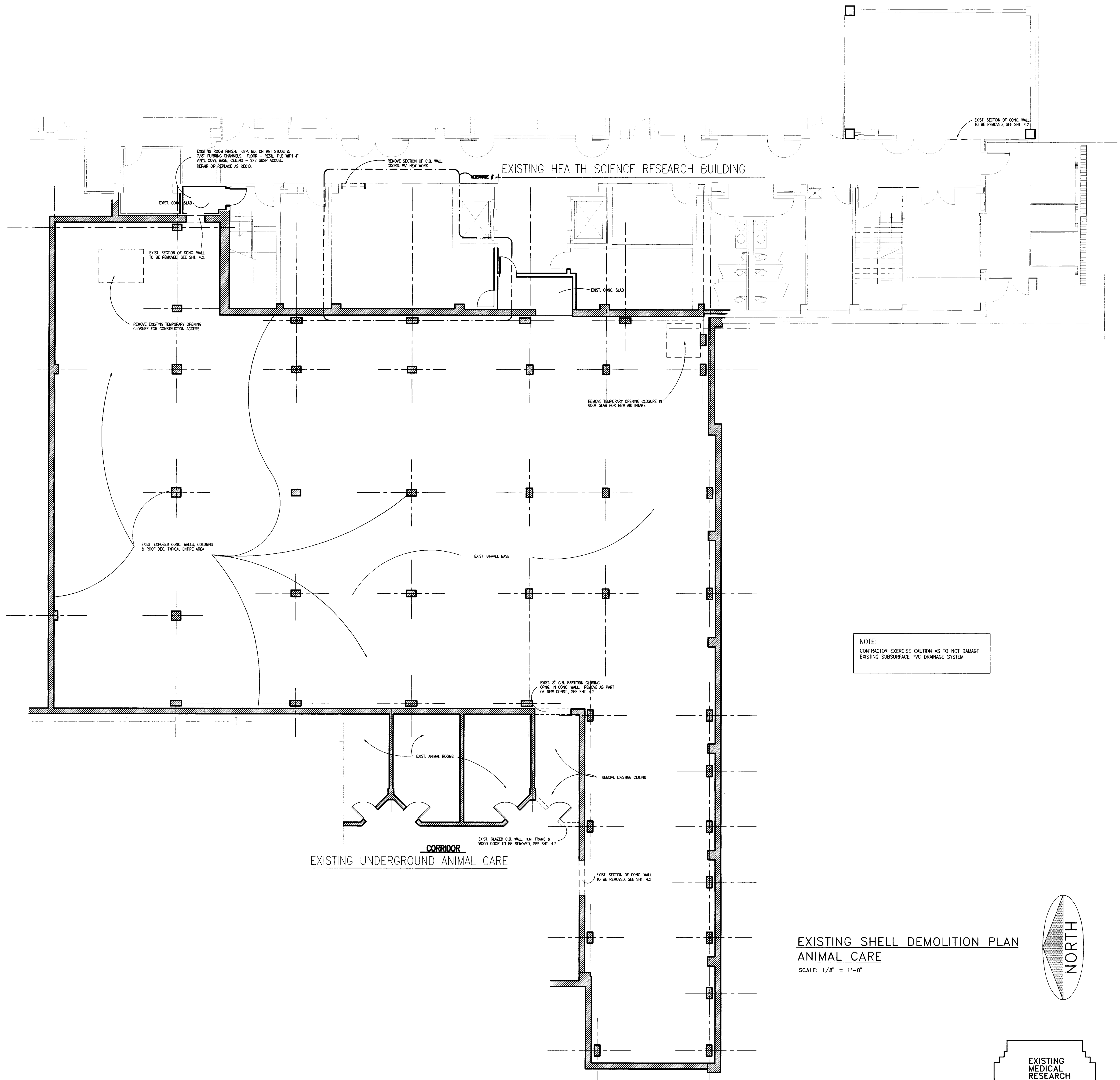
FAILURE TO ABIDE BY THESE DESIGN REQUIREMENTS OR ANY OTHER REQUIREMENTS OF THE KENTUCKY BOARD OF ARCHITECTURE AND PROFESSIONAL ENGINEERS MAY BE CAUSAL IN ANY VIOLATION OF ANY OF THE PROVISIONS OF THE KENTUCKY PROFESSIONAL ENGINEERING ACT OR ANY OTHER APPLICABLE LAW.

Wall Type Plan
Animal Care Shell Fit-Up
 University of Kentucky
 Project No. 1627.0

SHT.	PROJECT TITLE
DATE	AUG. 1, 1990
DRAWN BY	J.B. BCJ
CHECKED BY	J.B.
REVISED	
DATE	
1	
2	
3	
4	

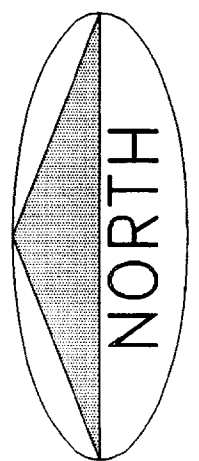
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4.2A

PROJECT NUMBER
 90240.06

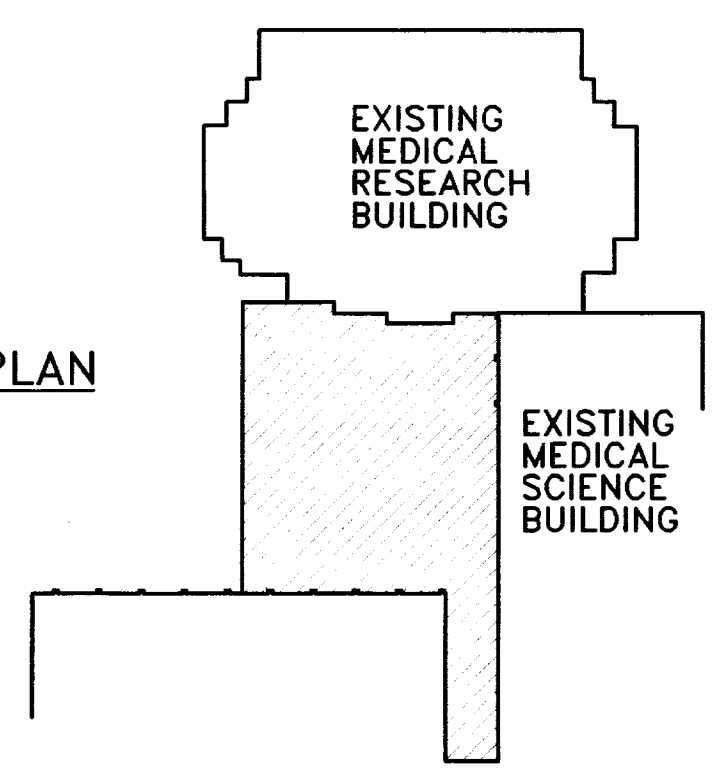


NOTE:
CONTRACTOR EXERCISE CAUTION AS TO NOT DAMAGE
EXISTING SUBSURFACE PVC DRAINAGE SYSTEM

EXISTING SHELL DEMOLITION PLAN
ANIMAL CARE
SCALE: 1/8" = 1'-0"



KEY PLAN
N.T.S.



CHRISTIAN · MILLER · WOODFORD · INC.
ARCHITECTS · ENGINEERS · INTERIORS · LANDSCAPE ARCHITECTS
205 S. BROADWAY · SUITE 200 · LOUISVILLE, KY 40202

CMM

FAILURE TO ABIDE BY THE DESIGN DOCUMENTS OR THE DESIGN PROFESSIONAL'S OBLIGATIONS UNDER THE PROFESSIONAL ETHICS ACT MAY RESULT IN THE REVOCATION OF THIS LICENSE OR THE SUSPENSION OF THIS LICENSE.

SHT. PROJECT TITLE

DATE · AUG. 1, 1999
DRAWN BY · J.B. BCJ
CHECKED BY · J.B.
REVISED ·
DATE 1 ·
2 ·
3 ·
4 ·

Animal Care Existing Shell Demolition Plan

Animal Care Shell Fit-Up
University of Kentucky
Project No. 1627.0

SHEET NUMBER

4.3

PROJECT NUMBER

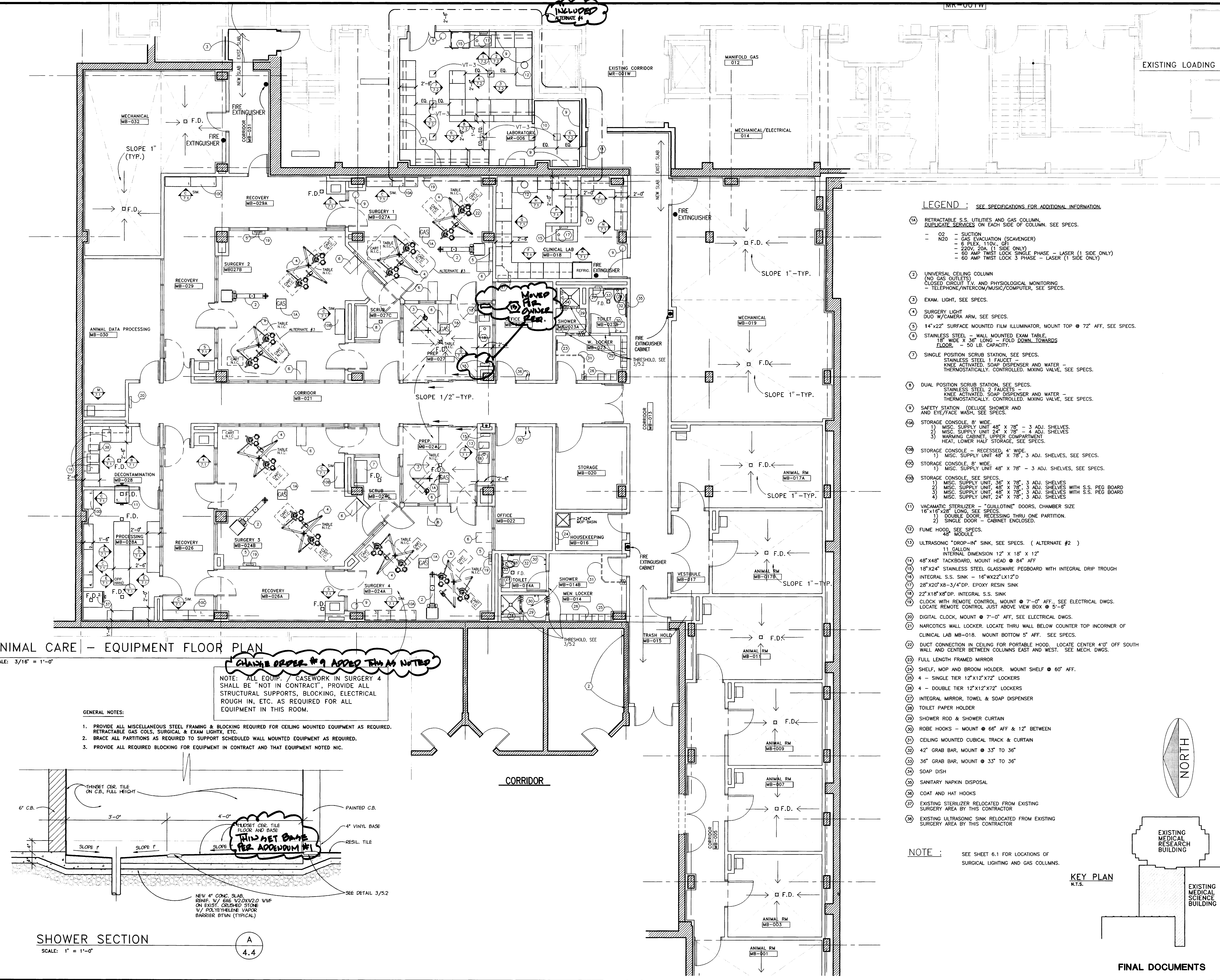
90240.06

43R.DWG

XREF AC-PLAN.DWG

FINAL DOCUMENTS

MAR 20, 1996 - 15:14:44
ORIGINAL BLD DOCUMENT



- LEGEND :** SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- (1A) RETRACTABLE S.S. UTILITIES AND GAS COLUMN, DUPLICATE SERVICES ON EACH SIDE OF COLUMN. SEE SPECS.
 - O2 - SUCTION
 - N2O - GAS EVACUATION (SCAVENGER)
 - 6 FLEX, 110V, GFI
 - 220V, 20A, (1 SIDE ONLY)
 - 60 AMP TWIST LOCK SINGLE PHASE - LASER (1 SIDE ONLY)
 - 60 AMP TWIST LOCK 3 PHASE - LASER (1 SIDE ONLY)
 - (2) UNIVERSAL CEILING COLUMN (NO GAS OUTLETS) CLOSED CIRCUIT I.V. AND PHYSIOLOGICAL MONITORING - TELEPHONE/INTERCOM/MUSIC/COMPUTER, SEE SPECS.
 - (3) EXAM. LIGHT, SEE SPECS.
 - (4) SURGERY LIGHT DUO W/CAMERA ARM, SEE SPECS.
 - (5) 14"x22" SURFACE MOUNTED FILM ILLUMINATOR, MOUNT TOP @ 72" AFF, SEE SPECS.
 - (6) STAINLESS STEEL - WALL MOUNTED EXAM TABLE, 18" WIDE X 36" LONG - FOLD DOWN TOWARDS FLOOR - 50 LB. CAPACITY.
 - (7) SINGLE POSITION SCRUB STATION, SEE SPECS. STAINLESS STEEL 1 FAUCET - KNEE ACTIVATED, SOAP DISPENSER AND WATER - THERMOSTATICALLY CONTROLLED, MIXING VALVE, SEE SPECS.
 - (8) DUAL POSITION SCRUB STATION, SEE SPECS. STAINLESS STEEL 2 FAUCETS - KNEE ACTIVATED, SOAP DISPENSER AND WATER - THERMOSTATICALLY CONTROLLED, MIXING VALVE, SEE SPECS.
 - (9) SAFETY STATION (DELUGE SHOWER AND AND EYE/FACE WASH, SEE SPECS.
 - (10A) STORAGE CONSOLE, 8' WIDE. 1) MISC. SUPPLY UNIT 48" X 78" - 3 ADJ. SHELVES. 2) MISC. SUPPLY UNIT 24" X 78" - 4 ADJ. SHELVES 3) WARMING CABINET, UPPER COMPARTMENT HEAT, LOWER HALF STORAGE, SEE SPECS.
 - (10B) STORAGE CONSOLE - RECESSED, 4' WIDE. 1) MISC. SUPPLY UNIT 48" X 78" - 3 ADJ. SHELVES, SEE SPECS.
 - (10C) STORAGE CONSOLE 8' WIDE. 1) MISC. SUPPLY UNIT 48" X 78" - 3 ADJ. SHELVES, SEE SPECS.
 - (10D) STORAGE CONSOLE, SEE SPECS. 1) MISC. SUPPLY UNIT, 36" X 78", 3 ADJ. SHELVES 2) MISC. SUPPLY UNIT, 48" X 78", 3 ADJ. SHELVES WITH S.S. PEG BOARD 3) MISC. SUPPLY UNIT, 48" X 78", 3 ADJ. SHELVES WITH S.S. PEG BOARD 4) MISC. SUPPLY UNIT, 24" X 78", 3 ADJ. SHELVES
 - (11) VACUUMATIC STERILIZER - "GUILLOTINE" DOORS, CHAMBER SIZE 16"x18"x28" LONG, SEE SPECS. 1) DOUBLE DOOR, RECESSING THRU ONE PARTITION. 2) SINGLE DOOR - CABINET ENCLOSED.
 - (12) FUME HOOD, SEE SPECS. 48" MODULE
 - (13) ULTRASONIC "DROP-IN" SINK, SEE SPECS. (ALTERNATE #2) 11 GALLON INTERNAL DIMENSION 12" X 18" X 12"
 - (14) 48"x48" TACKBOARD, MOUNT HEAD @ 84" AFF
 - (15) 18"x24" STAINLESS STEEL GLASSWARE PEGBOARD WITH INTEGRAL DRIP TROUGH
 - (16) INTEGRAL S.S. SINK - 16"W X 22"L X 12"D
 - (17) 28"x20"x8-3/4" DP. EPOXY RESIN SINK
 - (18) 22"x18"x8" DP. INTEGRAL S.S. SINK
 - (19) CLOCK WITH REMOTE CONTROL, MOUNT @ 7'-0" AFF. SEE ELECTRICAL DWGS. LOCATE REMOTE CONTROL JUST ABOVE VIEW BOX @ 5'-0"
 - (20) DIGITAL CLOCK, MOUNT @ 7'-0" AFF, SEE ELECTRICAL DWGS.
 - (21) NARCOTICS WALL LOCKER. LOCATE THRU WALL BELOW COUNTER TOP IN CORNER OF CLINICAL LAB MB-018. MOUNT BOTTOM 5" AFF. SEE SPECS.
 - (22) DUCT CONNECTION IN CEILING FOR PORTABLE HOOD. LOCATE CENTER 4'0" OFF SOUTH WALL AND CENTER BETWEEN COLUMNS EAST AND WEST. SEE MECH. DWGS.
 - (23) FULL LENGTH FRAMED MIRROR
 - (24) SHELF, MOP AND BROOM HOLDER. MOUNT SHELF @ 60" AFF.
 - (25) 4 - SINGLE TIER 12"x12"x72" LOCKERS
 - (26) 4 - DOUBLE TIER 12"x12"x72" LOCKERS
 - (27) INTEGRAL MIRROR, TOWEL & SOAP DISPENSER
 - (28) TOILET PAPER HOLDER
 - (29) SHOWER ROD & SHOWER CURTAIN
 - (30) ROBE HOOKS - MOUNT @ 66" AFF & 12" BETWEEN
 - (31) CEILING MOUNTED CUBICAL TRACK & CURTAIN
 - (32) 42" GRAB BAR, MOUNT @ 33" TO 36"
 - (33) 36" GRAB BAR, MOUNT @ 33" TO 36"
 - (34) SOAP DISH
 - (35) SANITARY NAPKIN DISPOSAL
 - (36) COAT AND HAT HOOKS
 - (37) EXISTING STERILIZER RELOCATED FROM EXISTING SURGERY AREA BY THIS CONTRACTOR
 - (38) EXISTING ULTRASONIC SINK RELOCATED FROM EXISTING SURGERY AREA BY THIS CONTRACTOR

ANIMAL CARE - EQUIPMENT FLOOR PLAN

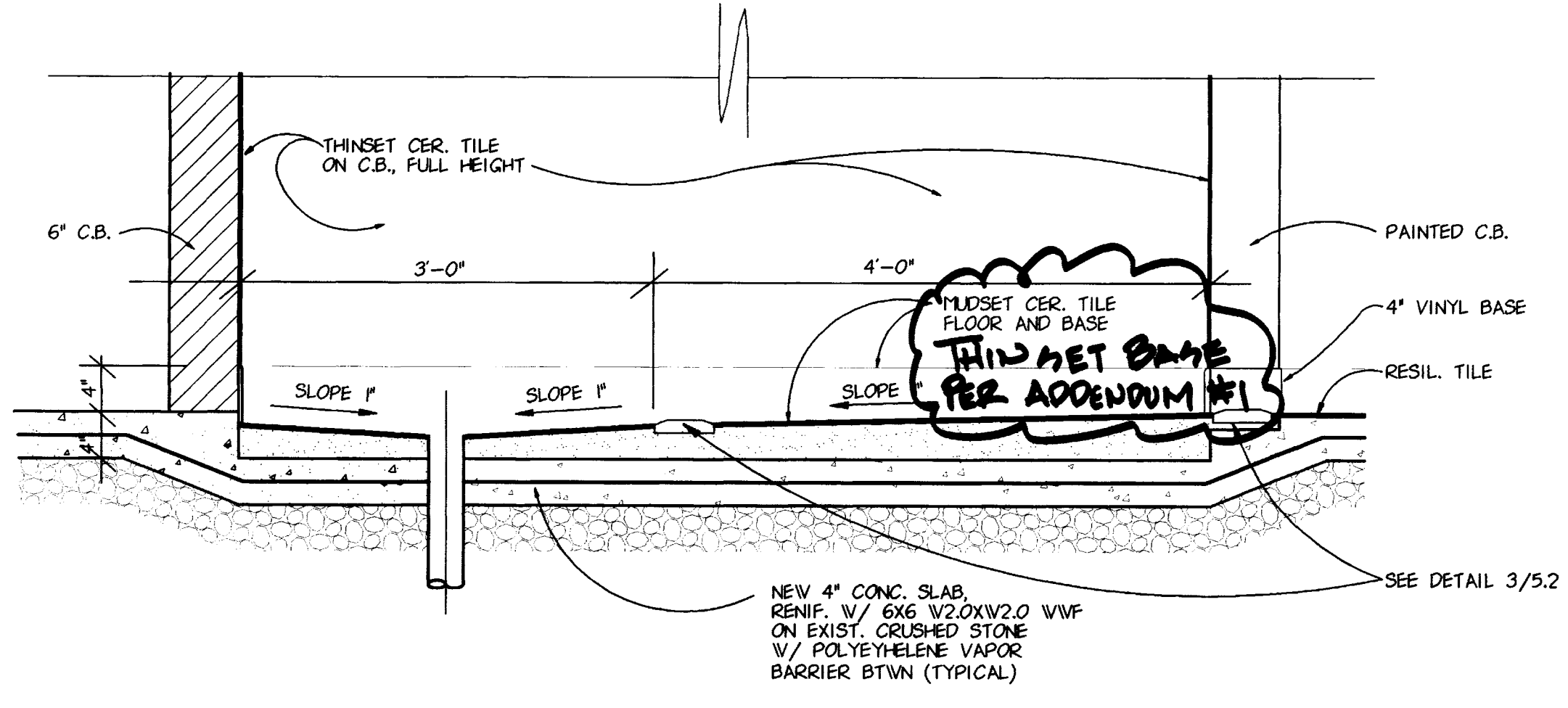
SCALE: 3/16" = 1'-0"

CHANGE ORDER #9 ADDED THIS AS NOTED

NOTE: ALL EQUIP. / CASEWORK IN SURGERY 4 SHALL BE "NOT IN CONTRACT", PROVIDE ALL STRUCTURAL SUPPORTS, BLOCKING, ELECTRICAL ROUGH IN, ETC. AS REQUIRED FOR ALL EQUIPMENT IN THIS ROOM.

GENERAL NOTES:

1. PROVIDE ALL MISCELLANEOUS STEEL FRAMING & BLOCKING REQUIRED FOR CEILING MOUNTED EQUIPMENT AS REQUIRED. RETRACTABLE GAS COLS, SURGICAL & EXAM LIGHTS, ETC.
2. BRACE ALL PARTITIONS AS REQUIRED TO SUPPORT SCHEDULED WALL MOUNTED EQUIPMENT AS REQUIRED.
3. PROVIDE ALL REQUIRED BLOCKING FOR EQUIPMENT IN CONTRACT AND THAT EQUIPMENT NOTED NIC.



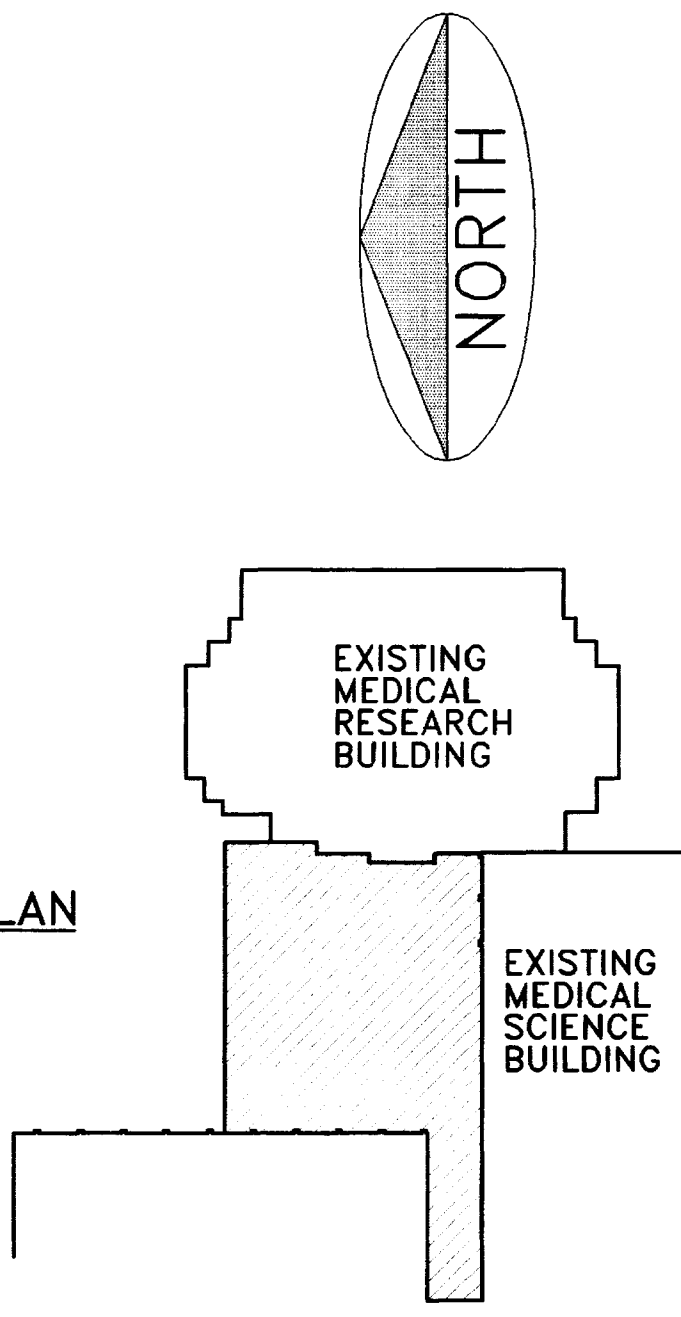
SHOWER SECTION

SCALE: 1" = 1'-0"

A
4.4

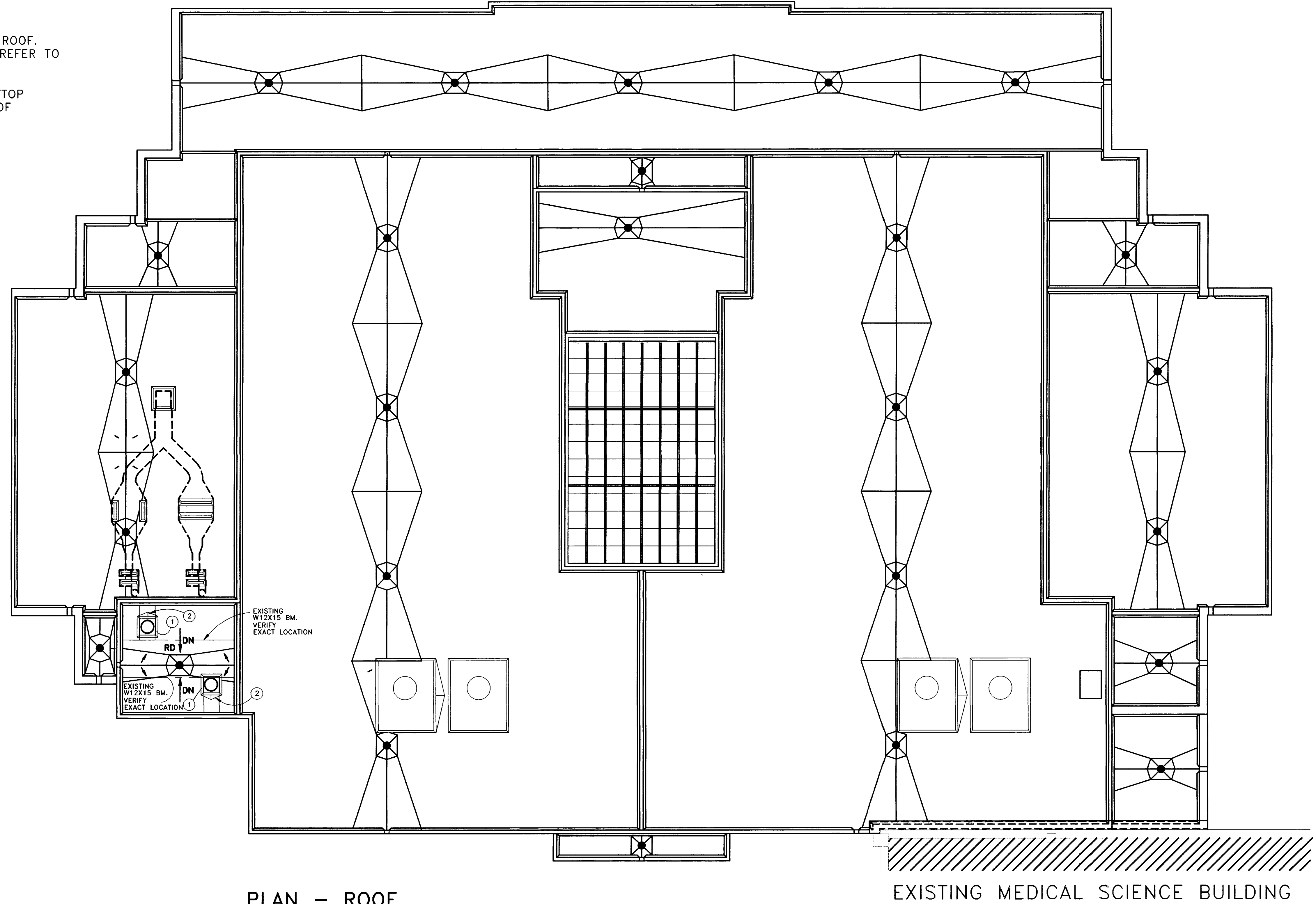
NOTE : SEE SHEET 6.1 FOR LOCATIONS OF SURGICAL LIGHTING AND GAS COLUMNS.

KEY PLAN
N.T.S.



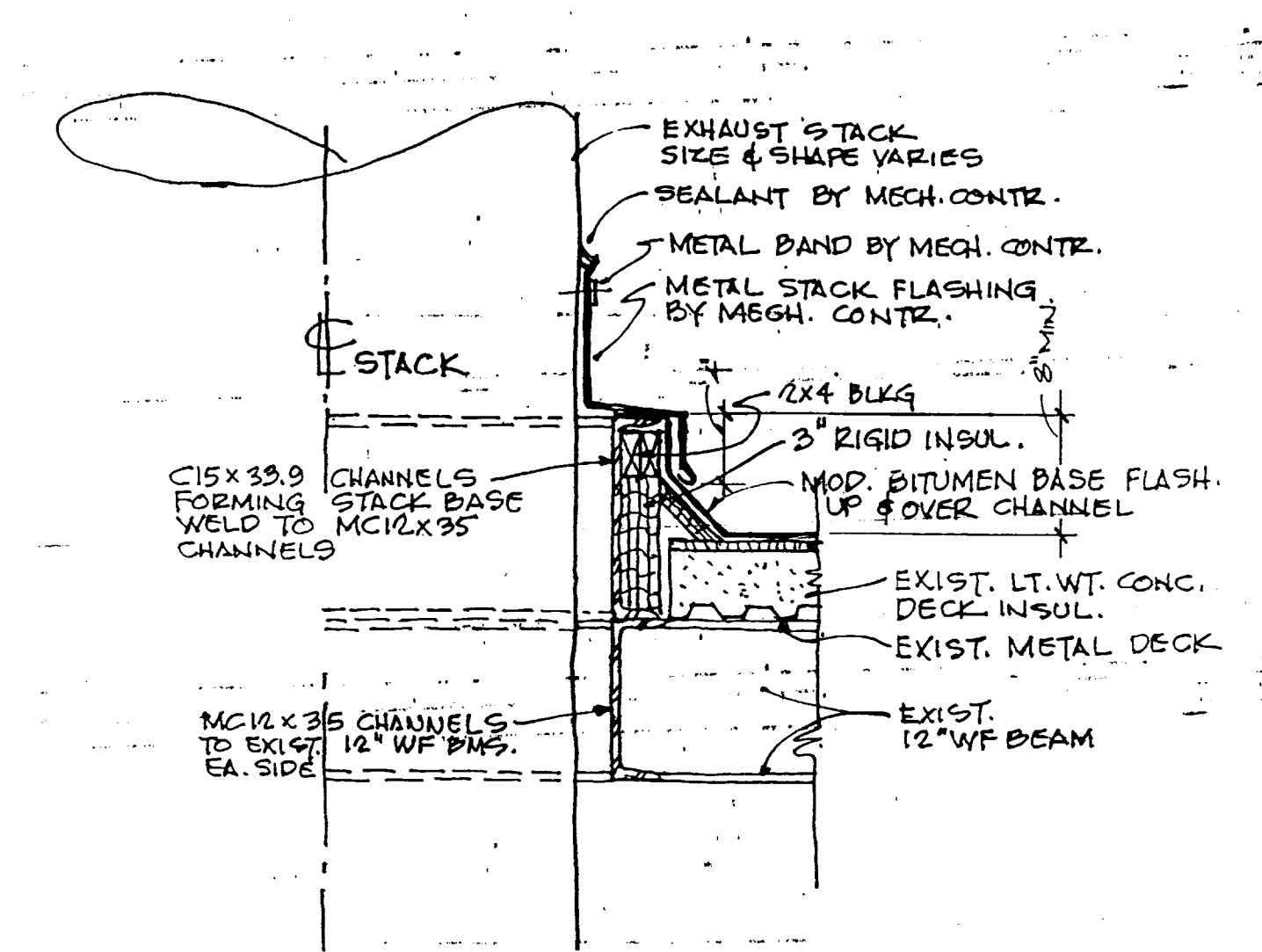
○ CODED NOTES

- ① STACK PENETRATION THROUGH PENTHOUSE ROOF. LOCATION AS DIRECTED BY MECH. CONTR. REFER TO SECTION A/4.5
- ② PROVIDE CRICKETS ON HIGH SIDE OF ROOFTOP EQUIPMENT/CURBS, FLASH INTO EXIST. ROOF 1/4" / FT. MIN. SLOPE



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

EXISTING MEDICAL SCIENCE BUILDING



STACK FLASHING DET.
N.T.S.

Ⓐ 45

ROOM FINISH SCHEDULE LEGEND

- FLOORS:**
- VINYL COMPOSITE TILE
- VT-1 ARMSTRONG, IMPERIAL TEXTURE, #51915 CHARCOAL
VT-2 NOT USED
VT-3 ARMSTRONG, PREMIUM EXCELON, #52125 DESERT DUST
- CERAMIC TILE FLOORS
- CT-1 AMERICAN OLEAN, D-15 DAWN GRAY, 2'X2'
- SEAMLESS FLOORING
- SF-1 ARMSTRONG, MEDINTECH, #86470 JASMINE
- CARPET
- C-1 HARBINGER, CIRCUITRY, 8912, ANDRE
- CARPET
- EP-1 EPOXY FLOOR COATING W/ 6' INTEGRAL BASE
- BASE:**
- VINYL BASE
- VB-1 ARMSTRONG, 6" VINYL COVE BASE, WARM GRAY #14122
- CERAMIC TILE BASE
- CT-1 AMERICAN OLEAN, D-15 DAWN GRAY, 2'X2'
- SEAMLESS BASE
- SB-1 ARMSTRONG, MEDINTECH, 6' HIGH INTEGRAL, #86470 JASMIN
- WALLS:**
- PAINT**
- P-1 SHERWIN-WILLIAMS SW-1031 MODERN GRAY
P-2 NOT USED
P-3 SHERWIN WILLIAMS SW1039 ZURICH WHITE
P-4 NOT USED
- EPOXY PAINT**
- EP-1 SHERVIN WILLIAMS SW-1031 MODERN GRAY
- GLAZED CONCRETE BLOCK**
- GB-1 SPECTRA-GLAZE II, #S-49 EXTRA SPECIAL WHITE
- CERAMIC TILE WALLS**
- CT-1 AMERICAN OLEAN, D-15 DAWN GRAY, 2'X2'
- CEILING:**
- SUSPENDED ACOUSTICAL**
- ACT-1 ARMSTRONG, FIRE GUARD ML, (METAL LAMINATE) PERFORATED, 2'X2'X5/8"
ACT-2 NOT USED
- PAINTED GYPSUM BOARD**
- CP-1 SHERWIN-WILLIAMS SW1039 ZURICH WHITE
- EPOXY PAINTED CEILINGS**
- EP-2 SHERWIN-WILLIAMS SW1039 ZURICH WHITE

ROOM FINISH SCHEDULE REMARKS

- 1 ALL HOLLOW METAL WORK INCLUSIVE OF METAL FRAMES ON WOOD DOORS SHALL BE COLOR P-4.
- 2 WHERE EPOXY FLOOR AND BASE FINISH ARE NOTED, COLOR SHALL BE AS SELECTED BY THE ARCHITECT FROM THE MANUFACTURERS FULL RANGE OF COLORS.
- 3 NO GLAZED CONCRETE BLOCK SHALL BE USED IN ANIMAL ROOMS, MECHANICAL ROOMS, LOCKER ROOMS, OR OFFICES.

ROOM FINISH SCHEDULE

NO.	NAME	FLOOR MATERIAL	FINISH	BASE	NORTH WALL MATERIAL	FINISH	SOUTH WALL MATERIAL	FINISH	EAST WALL MATERIAL	FINISH	WEST WALL MATERIAL	FINISH	CEILING MATERIAL	FINISH	HEIGHT	REMARKS
MB-005	CORRIDOR	CONC.	EPOXY (3)	EPOXY (3) 6"	C.B.	EP-1	C.B.	EP-1	C.B.	EP-1	C.B.	EP-1	GYP.BD.	EP-2	9'-0"	(3)
MB-001	ANIMAL ROOM	CONC.	EPOXY (3)	EPOXY (3) 6"	C.B.	EP-1	C.B.	EP-1	C.B.	EP-1	C.B.	EP-1	GYP.BD.	EP-2	9'-0"	(3)
MB-009	ANIMAL ROOM	CONC.	EPOXY (3)	EPOXY (3) 6"	C.B.	EP-1	C.B.	EP-1	C.B.	EP-1	C.B.	EP-1	GYP.BD.	EP-2	9'-0"	(3)
MB-007	ANIMAL ROOM	CONC.	EPOXY (3)	EPOXY (3) 6"	C.B.	EP-1	C.B.	EP-1	C.B.	EP-1	C.B.	EP-1	GYP.BD.	EP-2	9'-0"	(3)
MB-003	ANIMAL ROOM	CONC.	EPOXY (3)	EPOXY (3) 6"	C.B.	EP-1	C.B.	EP-1	C.B.	EP-1	C.B.	EP-1	GYP.BD.	EP-2	9'-0"	(3)
MB-001	ANIMAL ROOM	CONC.	EPOXY (3)	EPOXY (3) 6"	C.B.	EP-1	C.B.	EP-1	C.B.	EP-1	C.B.	EP-1	GYP.BD.	EP-2	9'-0"	(3)
MB-013	CORRIDOR	CONC.	SF-1 (4)	SB-1 (4) 6"	Q.C.B.	GB-1	Q.C.B.	GB-1	Q.C.B.	GB-1	Q.C.B.	GB-1	GYP.BD.	EP-2	8'-0"	(4)
MB-015	TRASH HOLDING	CONC.	VT-3	VB-1 6"	C.B.	EP-1	C.B.	EP-1	C.B.	EP-1	C.B.	EP-1	GYP.BD.	EP-2	8'-0"	(3)
MB-016	HOUSE KEEPING	CONC.	VT-3	VB-1 6"	C.B.	EP-1	C.B.	EP-1	C.B.	EP-1	C.B.	EP-1	GYP.BD.	EP-2	8'-0"	(3)
MB-014	MEN'S LOCKER	CONC.	VT-3	VB-1 6"	C.B.	EP-1	C.B.	EP-1	C.B.	EP-1	C.B.	EP-1	GYP.BD.	EP-2	8'-0"	(3)
MB-014A	TOILET	CER.TILE (1)	CT-1	CT-1 (2) 4"	C.B.	CT-1 (2)	C.B.	CT-1 (2)	C.B.	CT-1 (2)	C.B.	CT-1 (2)	GYP.BD.	EP-2	8'-0"	(3)
MB-014B	SHOWER	CER.TILE (1)	CT-1	CT-1 (2) 4"	C.B.	CT-1 (2)	C.B.	CT-1 (2)	C.B.	CT-1 (2)	C.B.	CT-1 (2)	GYP.BD.	EP-2	8'-0"	(3)
MB-017	VESTIBULE	CONC.	EPOXY (3)	EPOXY (3) 6"	C.B.	EP-1	C.B.	EP-1	C.B.	EP-1	C.B.	EP-1	GYP.BD.	EP-2	9'-0"	(3)
MB-017A	ANIMAL ROOM	CONC.	EPOXY (3)	EPOXY (3) 6"	C.B.	EP-1	C.B.	EP-1	C.B.	EP-1	C.B.	EP-1	GYP.BD.	EP-2	9'-0"	(3)
MB-017B	ANIMAL ROOM	CONC.	EPOXY (3)	EPOXY (3) 6"	C.B.	EP-1	C.B.	EP-1	C.B.	EP-1	C.B.	EP-1	GYP.BD.	EP-2	9'-0"	(3)
MB-018	MECH. ROOM	CONC.	HARD.CONC.	---	C.B.	P-3 FLAT	C.B.	P-3 FLAT	C.B.	P-3 FLAT	C.B.	P-3 FLAT	EXP.STR.	P-3 FLAT	VARIES	
MB-019	CLINICAL LAB	CONC.	VT-3	VB-1 6"	C.B.	EP-1	C.B.	EP-1	C.B.	EP-1	C.B.	EP-1	GYP.BD.	EP-2	8'-6"	(4)
MB-021	CORRIDOR	CONC.	SF-1 (4)	SB-1 (4) 6"	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	Q.C.B.	GB-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	GYP.BD.	EP-2	8'-0"	(4) (5)
MB-023	WOMEN'S LOCKER	CONC.	VT-3	VB-1 6"	C.B.	EP-1	C.B.	EP-1	C.B.	EP-1	C.B.	EP-1	GYP.BD.	EP-2	8'-0"	(3)
MB-023	SHOWER	CER.TILE (1)	CT-1	CT-1 (2) 4"	C.B.	CT-1 (2)	C.B.	CT-1 (2)	C.B.	CT-1 (2)	C.B.	CT-1 (2)	GYP.BD.	EP-2	8'-0"	(3)
MB-023	TOILET	CER.TILE (1)	CT-1	CT-1 (2) 4"	C.B.	CT-1 (2)	C.B.	CT-1 (2)	C.B.	CT-1 (2)	C.B.	CT-1 (2)	GYP.BD.	EP-2	8'-0"	(3)
MB-020	STORAGE	CONC.	VT-3	VB-1 6"	C.B.	SEMI.GLOSS P-3	C.B.	SEMI.GLOSS P-3	C.B.	SEMI.GLOSS P-3	C.B.	SEMI.GLOSS P-3	GYP.BD.	SEMI.GLOSS P-3	8'-0"	(4) (5)
MB-025	OFFICE	CONC.	VT-3	VB-1 6"	C.B./GYP.BD.	SEMI.GLOSS P-3	C.B.	SEMI.GLOSS P-3	C.B.	SEMI.GLOSS P-3	C.B.	SEMI.GLOSS P-3	GYP.BD.	SEMI.GLOSS P-3	8'-0"	(4) (5)
MB-022	OFFICE	CONC.	VT-3	VB-1 6"	C.B./GYP.BD.	SEMI.GLOSS P-3	C.B.	SEMI.GLOSS P-3	C.B.	SEMI.GLOSS P-3	C.B.	SEMI.GLOSS P-3	GYP.BD.	SEMI.GLOSS P-3	8'-0"	(4) (5)
MB-024	PREP.	CONC.	SF-1 (4)	SB-1 (4) 6"	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	GYP.BD.	EP-2	9'-6"	(4) (5)
MB-024A	SURGERY #4	CONC.	SF-1 (4)	SB-1 (4) 6"	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	GYP.BD.	EP-2	9'-6"	(4) (5)
MB-024B	SURGERY #3	CONC.	SF-1 (4)	SB-1 (4) 6"	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	GYP.BD.	EP-2	9'-6"	(4) (5)
MB-024C	SCRUB	CONC.	SF-1 (4)	SB-1 (4) 6"	Q.C.B.	GB-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	GYP.BD.	EP-2	9'-6"	(4) (5)
MB-027	PREP.	CONC.	SF-1 (4)	SB-1 (4) 6"	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	GYP.BD.	EP-2	9'-6"	(4) (5)
MB-027A	SURGERY #1	CONC.	SF-1 (4)	SB-1 (4) 6"	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	GYP.BD.	EP-2	9'-6"	(4) (5)
MB-027B	SURGERY #2	CONC.	SF-1 (4)	SB-1 (4) 6"	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	GYP.BD.	EP-2	9'-6"	(4) (5)
MB-027C	SCRUB	CONC.	SF-1 (4)	SB-1 (4) 6"	Q.C.B.	GB-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	GYP.BD.	EP-2	8'-0"	(4) (5)
MB-026	RECOVERY	CONC.	SF-1 (4)	SB-1 (4) 6"	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	GYP.BD.	EP-2	8'-0"	(4) (5)
MB-026A	RECOVERY	CONC.	SF-1 (4)	SB-1 (4) 6"	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	GYP.BD.	EP-2	8'-0"	(4) (5)
MB-026B	RECOVERY	CONC.	SF-1 (4)	SB-1 (4) 6"	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	GYP.BD.	EP-2	8'-0"	(4) (5)
MB-029A	RECOVERY	CONC.	SF-1 (4)	SB-1 (4) 6"	Q.C.B.	GB-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	Q.C.B.	GB-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	GYP.BD.	EP-2	8'-0"	(4) (5)
MB-031	CORRIDOR	CONC.	VT-3	VB-1 6"	C.B.	SEMI.GLOSS P-3	C.B.	SEMI.GLOSS P-3	C.B.	SEMI.GLOSS P-3	C.B.	SEMI.GLOSS P-3	GYP.BD.	SEMI.GLOSS P-3	8'-0"	(4) (5)
MB-032	MECHANICAL	CONC.	HARD.CONC.	---	C.B.	SEMI.GLOSS P-3	C.B.	SEMI.GLOSS P-3	C.B.	SEMI.GLOSS P-3	C.B.	SEMI.GLOSS P-3	EXP.STR.	SEMI.GLOSS P-3	VARIES	
MB-028	DECONTAM	CONC.	SF-1 (4)	SB-1 (4) 6"	Q.C.B.	GB-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	GYP.BD.	EP-2	8'-6"	(4) (5)
MB-028A	STERILE PROCESS.	CONC.	SF-1 (4)	SB-1 (4) 6"	Q.C.B.	GB-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	Q.C.B.	GB-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	GYP.BD.	EP-2	8'-6"	(4) (5)
MB-030	ANIMAL DATA PROCESSING	CONC.	SF-1 (4)	SB-1 (4) 6"	Q.C.B.	GB-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	Q.C.B.	GB-1	Q.C.B./GYP.BD.	GB-1/ S.G. P-1	GYP.BD.	EP-2	8'-6"	(4) (5)
MR-012	MED. GAS STOR./ELECTRICAL	EXIST. CONC.	VT-3	VB-1 6"	C.B.	SEMI.GLOSS P-3	EXIST.CB	SEMI.GLOSS P-3	EXIST.CB	SEMI.GLOSS P-3	EXIST.CB	SEMI.GLOSS P-3	EXIST.CB	SEMI.GLOSS P-3	VARIES	
MR-006	LABORATORY	EXIST. CONC.	VT-1 AND 3	VB-1 6"	CIP. BD.	SEMI.GLOSS P-1	CYP. BD.	SEMI.GLOSS P-1	EXIST.CB	SEMI.GLOSS P-1	CYP. BD.	SEMI.GLOSS P-1	CYP. BD.	SEMI.GLOSS P-1	FLAT CP-1	
H-05A	SECURITY	EXIST. CONC.	C-1	VB-1 6"	EXISTING	SEMI.GLOSS P-1	EXISTING	SEMI.GLOSS P-1	EXISTING	SEMI.GLOSS P-1	EXISTING	SEMI.GLOSS P-1	ACT-1	EXISTING	MATCH EXIST.	
H-05B	SECURITY	EXIST. CONC.	C-1	VB-1 6"	EXISTING	SEMI.GLOSS P-1	EXISTING	SEMI.GLOSS P-1	EXISTING	SEMI.GLOSS P-1	EXISTING	SEMI.GLOSS P-1	ACT-1	EXISTING	MATCH EXIST.	
H-107C	SECURITY	EXIST. CONC.	C-1	VB-1 6"	EXISTING	SEMI.GLOSS P-1	EXISTING	SEMI.GLOSS P-1	EXISTING	SEMI.GLOSS P-1	EXISTING	SEMI.GLOSS P-1	ACT-1	EXISTING	MATCH EXIST.	
MB-024	STORAGE	EXIST. CONC.	VT-3	VB-1 6"	EXISTING	SEMI.GLOSS P-1	EXISTING	SEMI.GLOSS P-1	EXISTING	SEMI.GLOSS P-1	EXISTING	SEMI.GLOSS P-1	ACT-1	EXISTING	MATCH EXIST.	

NOTE: SEE WALL TYPES, SHT. 4.2A, FOR SPECIFIC WALL TYPES

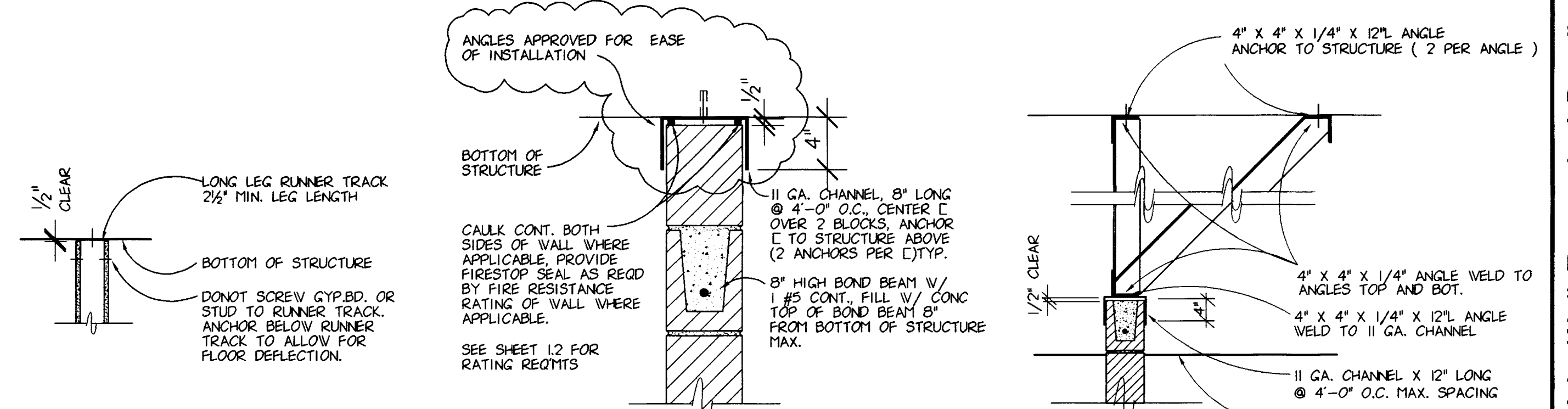
- (1) MUDSET (4BASE)
(2) THINSET
(3) EPOXY FLOOR COATING W/ 6" HIGH INTEGRAL BASE
(4) HEAT SEALED VINYL W/ INTEGRAL BASE
(5) GYP. BD. W/ EPOXY PAINT EP-1

MASONRY LINTEL SCHEDULE

SPAN WIDTH	OPENING WIDTH
> 8' TO 8'-0"	> 2'-0" TO 4'-0"
> 4'-0" TO 6'-0"	> 4'-0" TO 6'-0"
> 6'-0" TO 8'-0"	> 6'-0" TO 8'-0"

1 1/2" x 2 1/2" x 2 1/2" L.L.N., ANCH. TO WALL @ 18" O.C. MAX.
4" x 8" HL LINTEL, 0.8" x 8" LINTEL, 1 1/2" x 8" LINTEL, 2" x 8" LINTEL

NOTE: LINTELS SHALL HAVE MIN. 8" MIN. BRNG. @ EA. END



NOT USED

A 5.1

TYP. TOP OF STUD WALL DETAIL
SCALE: 3/4" = 1'-0"

B 5.1

TYP. FULL HT. C.B. TOP OF WALL DETAIL
SCALE: 1/2" = 1'-0"

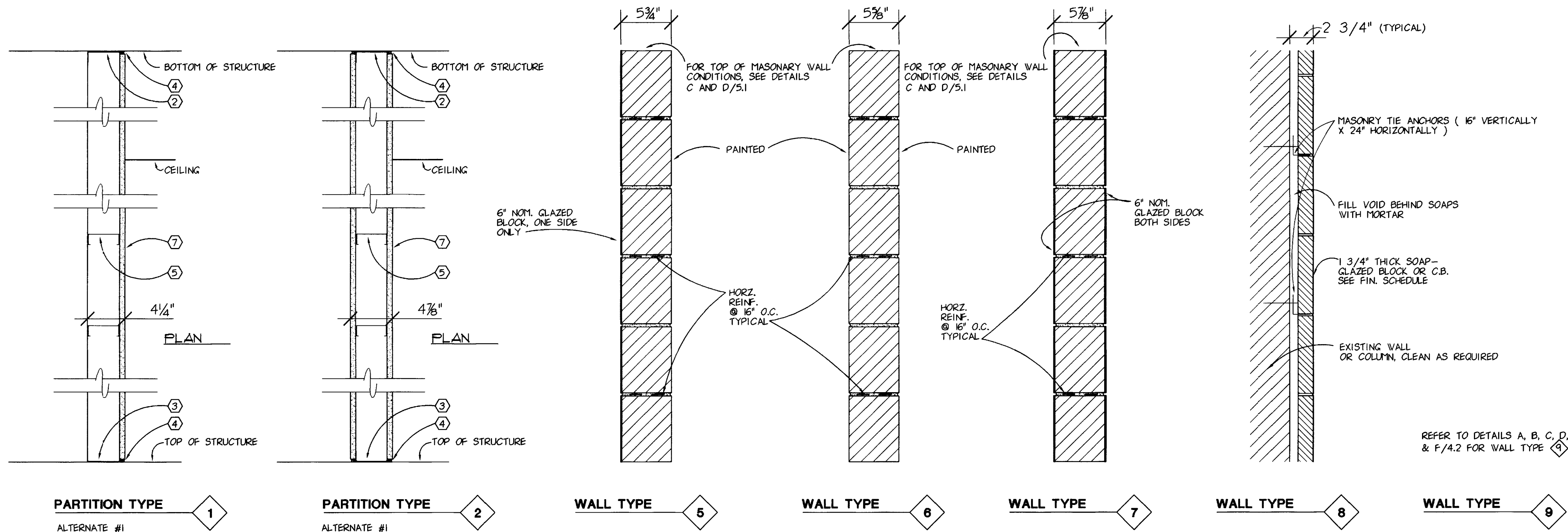
C 5.1

TYP. NON FULL HT. C.B. TOP OF WALL DET.
SCALE: 3/4" = 1'-0"

D 5.1

PARTITION TYPE LEGEND

- (1) 3/8" STEEL FURRING @ 16" O.C.
(2) STEEL TOP RUNNER
(3) STEEL RUNNER TRACK
(4) CALK CONT. BOTH SIDES OF WALL WHERE APPLICABLE. PROVIDE FIRE-STOP SEAL AS REQ'D BY FIRE RESISTANCE RATING OF WALL WHERE APPLICABLE.
(5) 3/4" METAL STUD @ 16" O.C. EXTEND FROM TOP OF STRUCTURE TO BOTTOM OF STRUCTURE ABOVE
(6) NOT USED
(7) 3/8" FIRE CODE GYP.BD (TYP)
(8) INSTALL SOUND ATTENUATION BATT IN EXISTING STUD WALL, FULL HEIGHT
(9) EXISTING STUD WALL, FINISHED ON CORRIDOR SIDE ONLY.



PARTITION TYPE 1
ALTERNATE #1

PARTITION TYPE 2
ALTERNATE #1

WALL TYPE 5

WALL TYPE 6

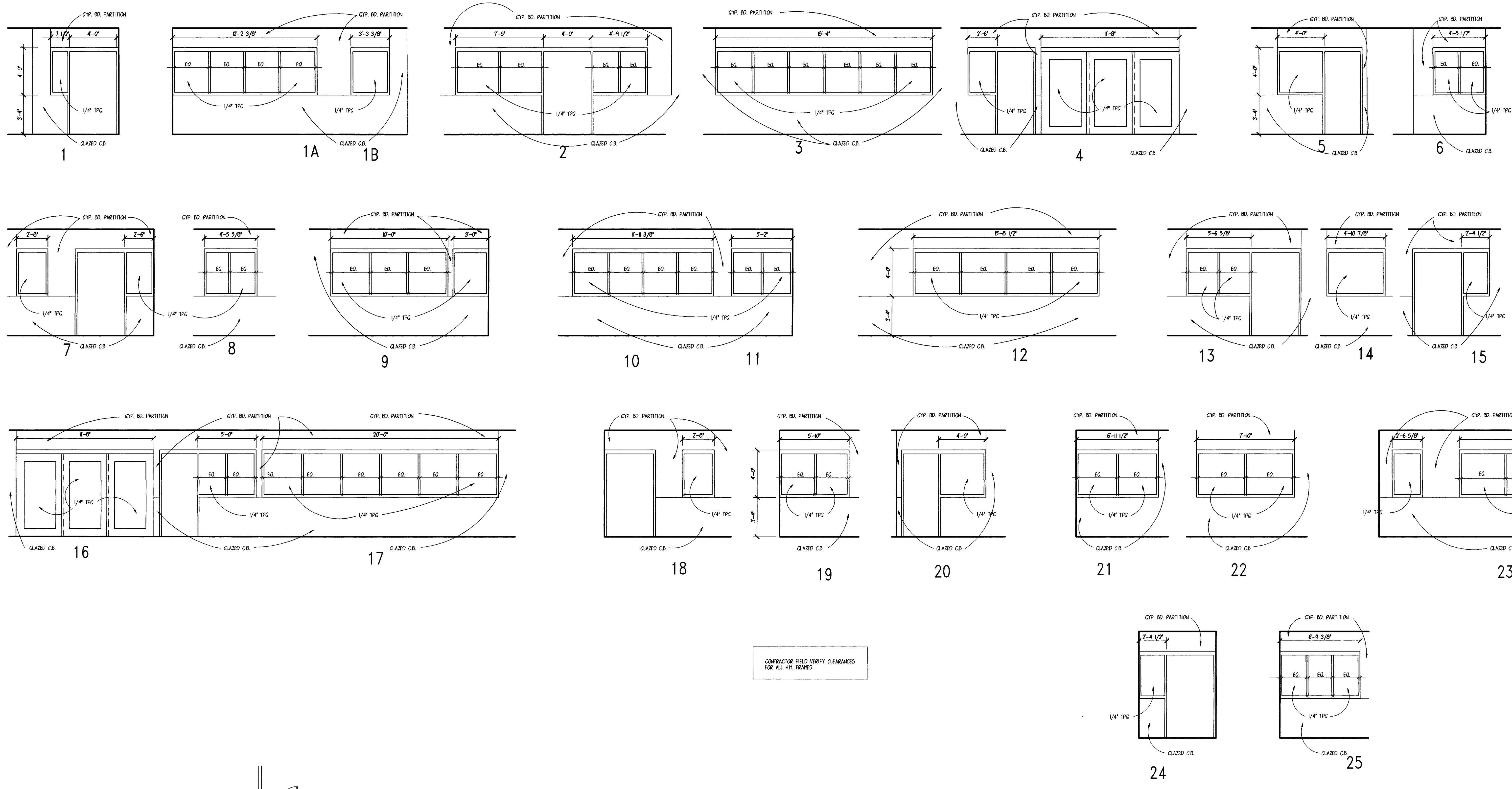
WALL TYPE 7

WALL TYPE 8

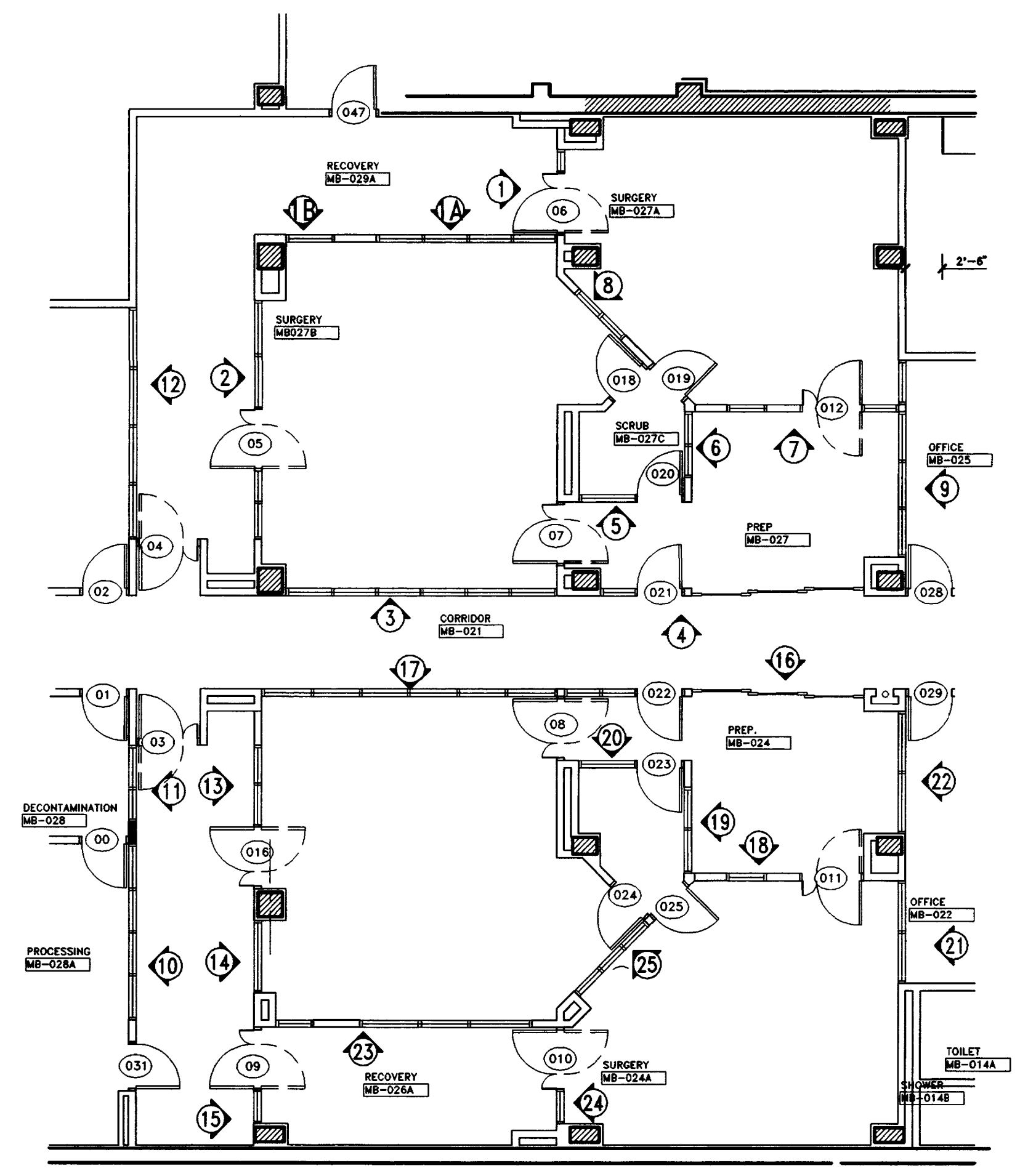
WALL TYPE 9

Room Finish Schedule Wall Types And Details
Animal Care Shell fit-Up
University of Kentucky
Project No. 1627.0

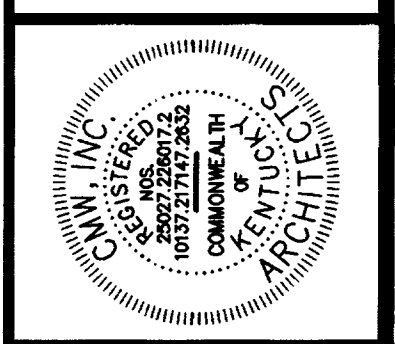
SHT.	PROJECT TITLE
DATE	AUG. 1, 1998
DRAWN BY	JB, BCJ
CHECKED BY	JB
REVISED	
DATE	DEC. 23, 1997
1	
2	
3	
4	
5	
SHEET NUMBER	5.1
PROJECT NUMBER	90240.04
S1R.DWG	



CONTRACTOR: FIELD VERIFY CLEARANCES FOR ALL HTL. FRAMES



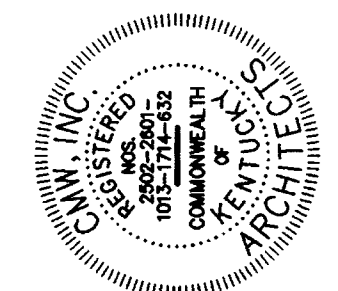
ELEVATION KEY



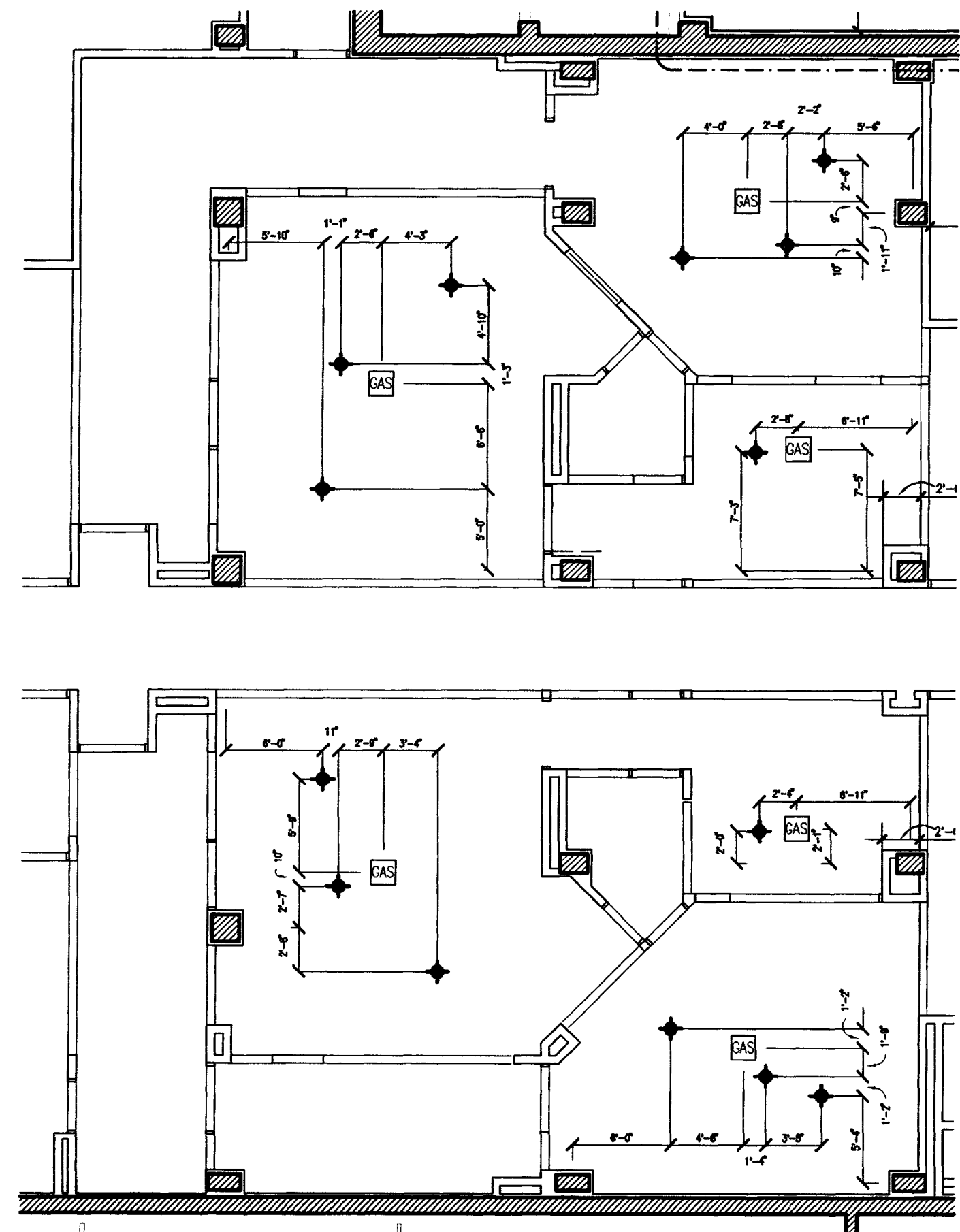
FAILURE TO ADHERE TO THE DESIGN REQUIREMENTS OR THE OBTAIN GUIDANCE FROM THE ARCHITECT MAY BE CAUSAL IN ANY DAMAGE TO THE PROJECT OR TO THE USER. THE ARCHITECT ASSUMES NO LIABILITY FOR SUCH DAMAGE.

HOLLOW METAL FRAME ELEVATIONS
 Animal Care Shell Fit-Up
 University of Kentucky
 Project No. 1627.0

SHT.	PROJECT TITLE
DATE	AUG. 1, 1998
DRAWN BY	M. BCJ
CHECKED BY	
REVISED	
DATE	
1	
2	
3	
4	
SHEET NUMBER	5.3
PROJECT NUMBER	90240.06

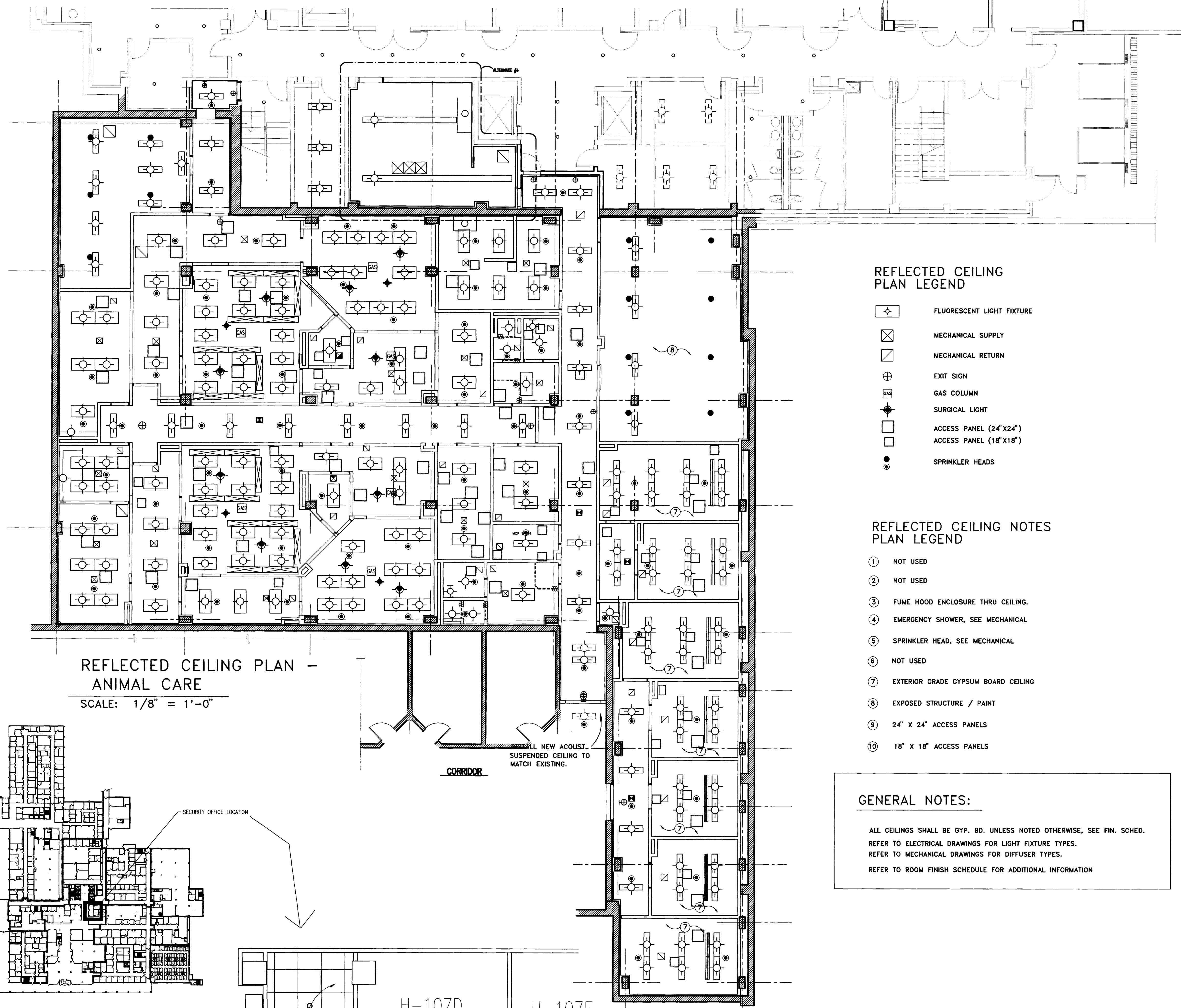


CALLER TO VERIFY BY EXISTING DOCUMENTS TO OBTAIN GUIDANCE.
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.



SURGICAL LIGHT LAYOUT PLAN

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



REFLECTED CEILING PLAN - ANIMAL CARE

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

REFLECTED CEILING PLAN LEGEND

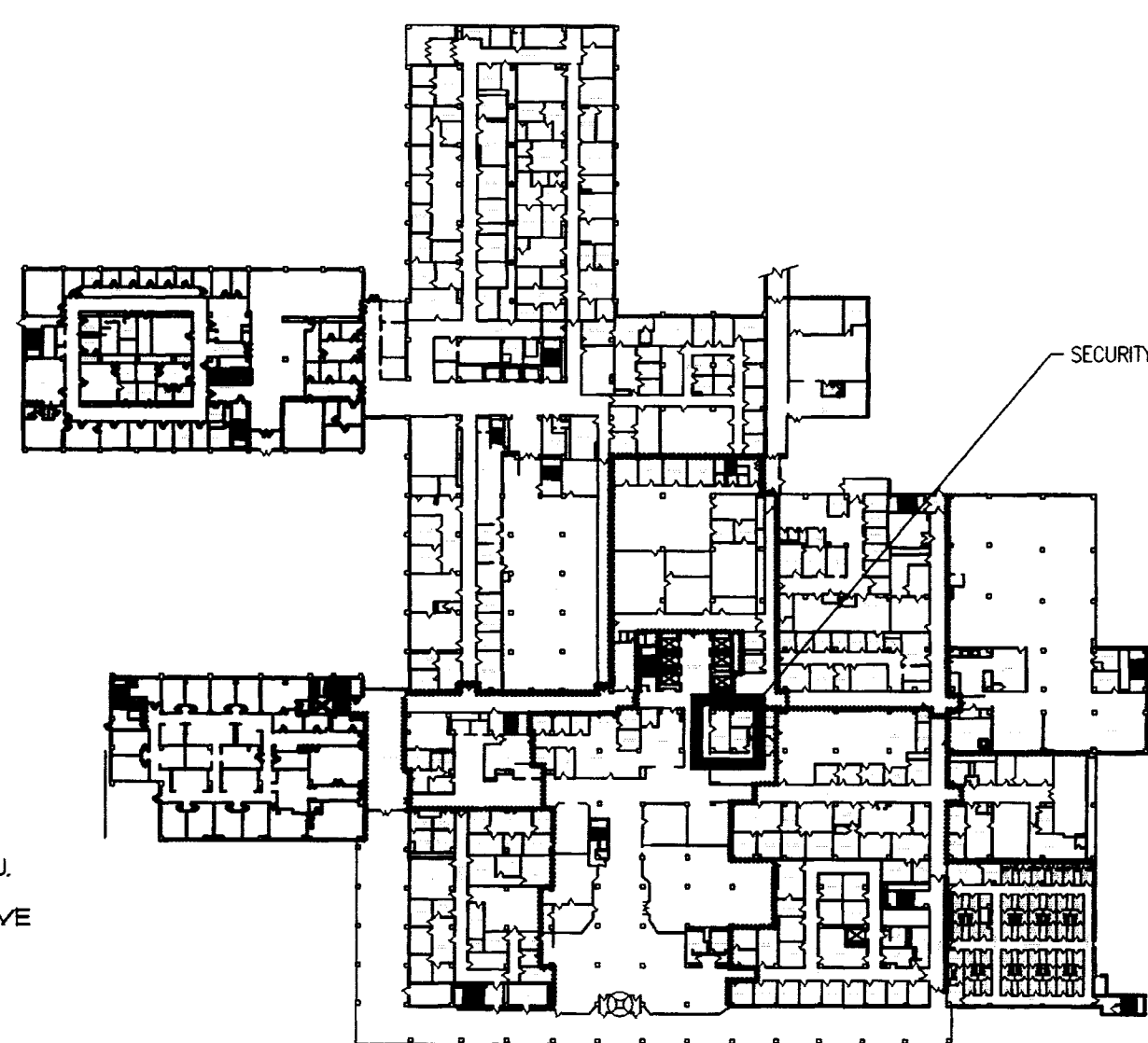
- ⊕ FLUORESCENT LIGHT FIXTURE
- ⊗ MECHANICAL SUPPLY
- ⊘ MECHANICAL RETURN
- ⊕ EXIT SIGN
- ⊕ GAS COLUMN
- ⊕ SURGICAL LIGHT
- ACCESS PANEL (24" X 24")
- ACCESS PANEL (18" X 18")
- SPRINKLER HEADS

REFLECTED CEILING NOTES PLAN LEGEND

- ① NOT USED
- ② NOT USED
- ③ FUME HOOD ENCLOSURE THRU CEILING.
- ④ EMERGENCY SHOWER, SEE MECHANICAL
- ⑤ SPRINKLER HEAD, SEE MECHANICAL
- ⑥ NOT USED
- ⑦ EXTERIOR GRADE GYPSUM BOARD CEILING
- ⑧ EXPOSED STRUCTURE / PAINT
- ⑨ 24" X 24" ACCESS PANELS
- ⑩ 18" X 18" ACCESS PANELS

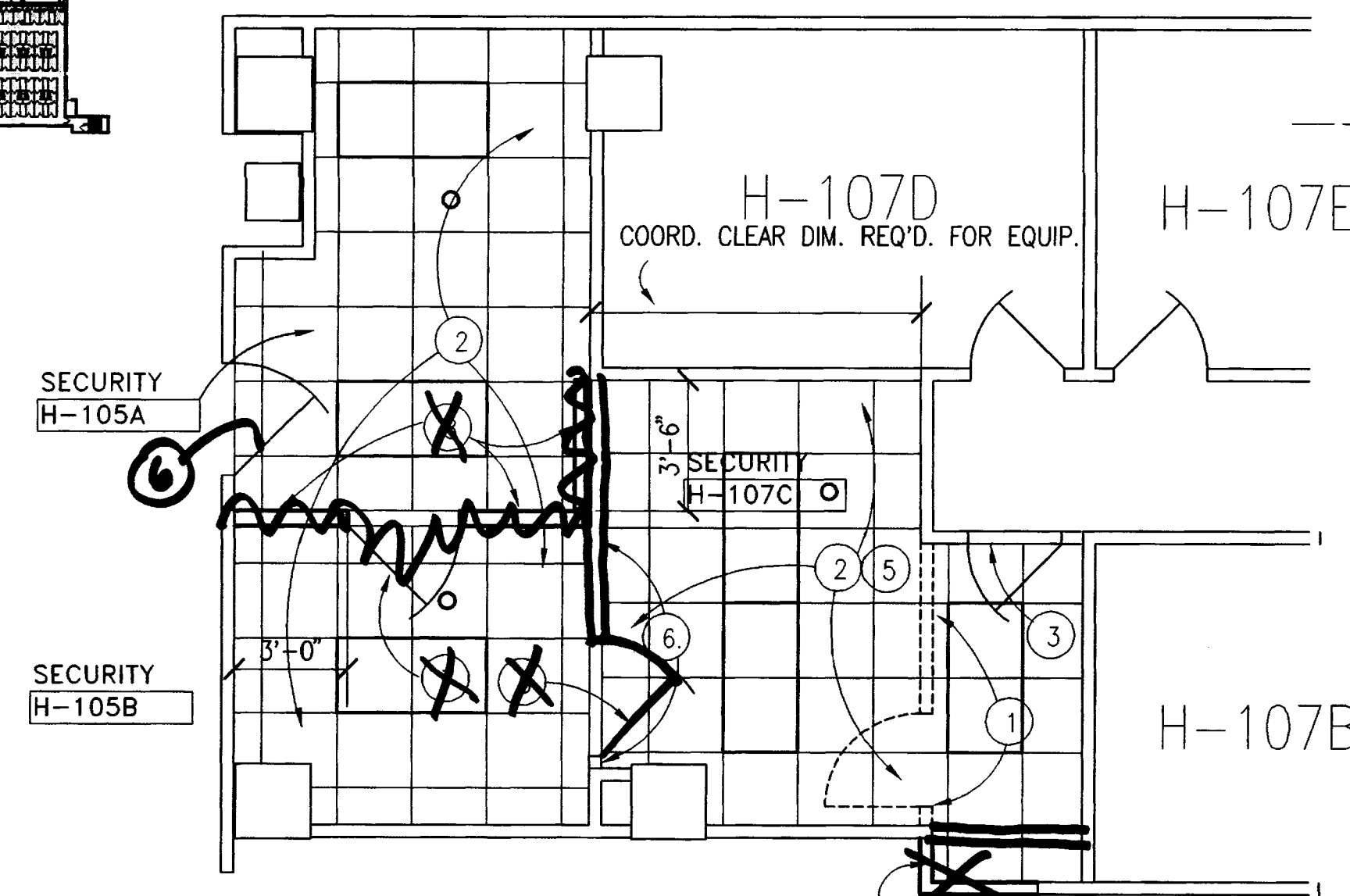
GENERAL NOTES:

ALL CEILINGS SHALL BE GYP. BD. UNLESS NOTED OTHERWISE, SEE FIN. SCHED.
 REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE TYPES.
 REFER TO MECHANICAL DRAWINGS FOR DIFFUSER TYPES.
 REFER TO ROOM FINISH SCHEDULE FOR ADDITIONAL INFORMATION

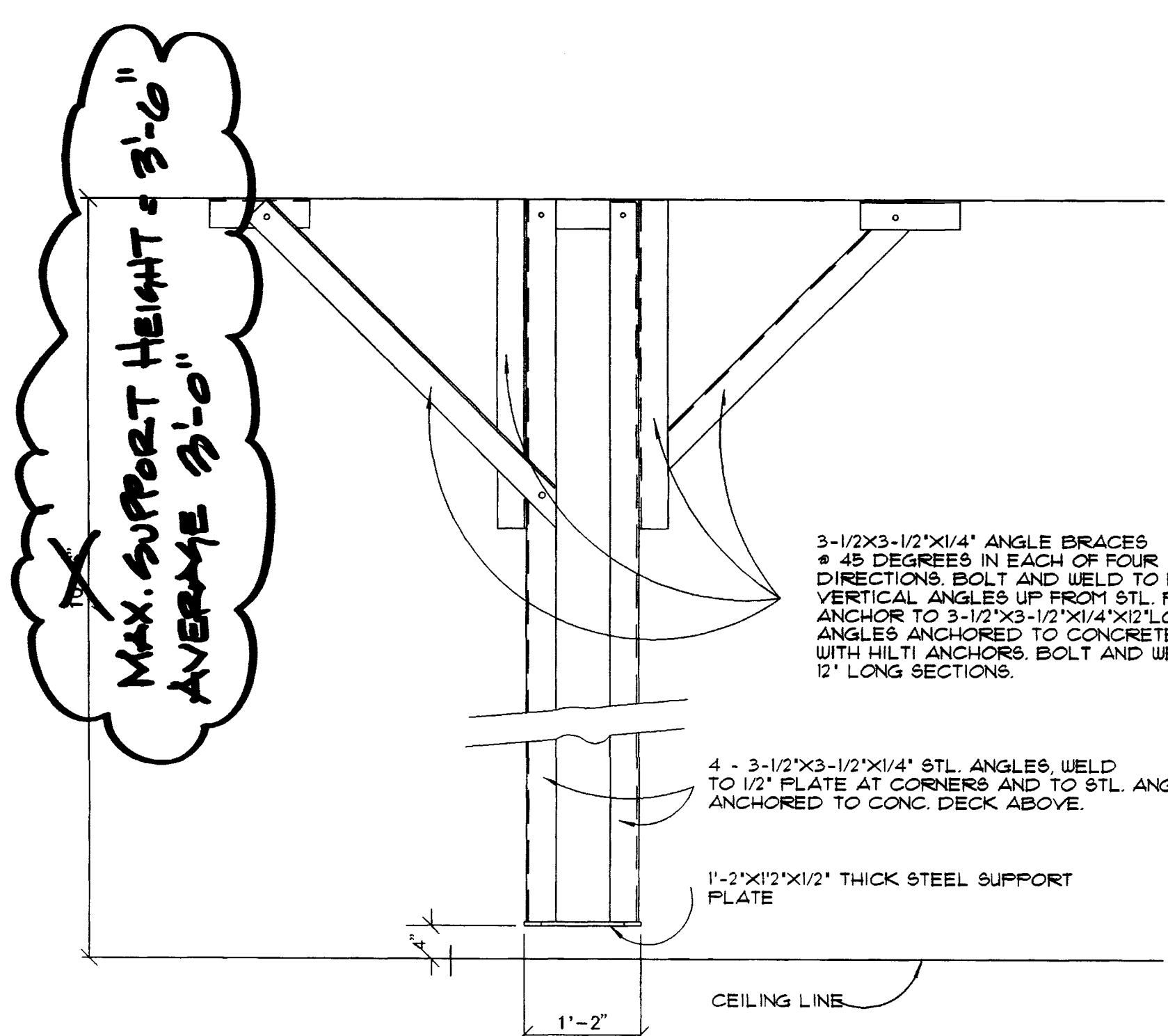


NEW WORK NOTES: (ALTERNATE #1)

- ① REMOVE EXIST. PLASTER AND MASONRY WALL, HOLLOW METAL DOOR FRAME, WOOD DOOR AND HARDWARE TO LIMITS SHOWN. FILL FLOOR AS REQUIRED TO LEVEL BETWEEN THE TWO ROOMS WHERE WALL HAS BEEN REMOVED. PATCH EXIST. PLASTER WHERE DEMOLISHED WALL ADJACENT EXISTING WALLS TO REMAIN.
- ② REMOVE EXIST. PLASTER AND ADHESIVE APPLIED ACOUSTICAL CEILING AND SUSP. SYSTEM. REPLACE WITH NEW 2X2 SUSP. ACOUST. CEILING. SEE SPECIFICATIONS. REPAIR EXIST. PLASTER WALLS AS REQUIRED AFTER DEMOLITION OF EXIST. CEILING. PAINT ENTIRE ROOM WITH TWO COATS OF SEMI-GLOSS PAINT.
- ③ CLOSE EXISTING DOOR AND LOCK
- ④ NEW WALL 5/8" GYP. BD. EA. FACE OF 3 5/8" MET. STUDS. EXTEND TO 6" ABOVE EXIST. PLASTER CEILING IN H-107 AND NEW 2X2 SUSP. ACOUST. CLG. PROVIDE NEW BASE IN ROOM H-107 TO MATCH EXISTING. REMOVE EXIST. BASE IN H-107C AND PROVIDE NEW 6" VINYL BASE.
- ⑤ REMOVE EXIST. CARPET. PREPARE CONC. FLOOR AS REQUIRED AND INSTALL NEW CARPET. SEE SPECIFICATIONS.
- ⑥ RELOCATE EXISTING DUTCH DOOR, FRAME AND ALL ADJ. HARDWARE TO NEW WALL AS SHOWN
- ⑦ RELOCATED DOOR
- ⑧ NEW WALL 5/8" GYP. BD. EA. FACE OF 3 5/8" MET. STUDS @ 16" O.C. TO 6" ABOVE CEILING. PROVIDE NEW VINYL BASE.



H-107
 ALTERNATE #1

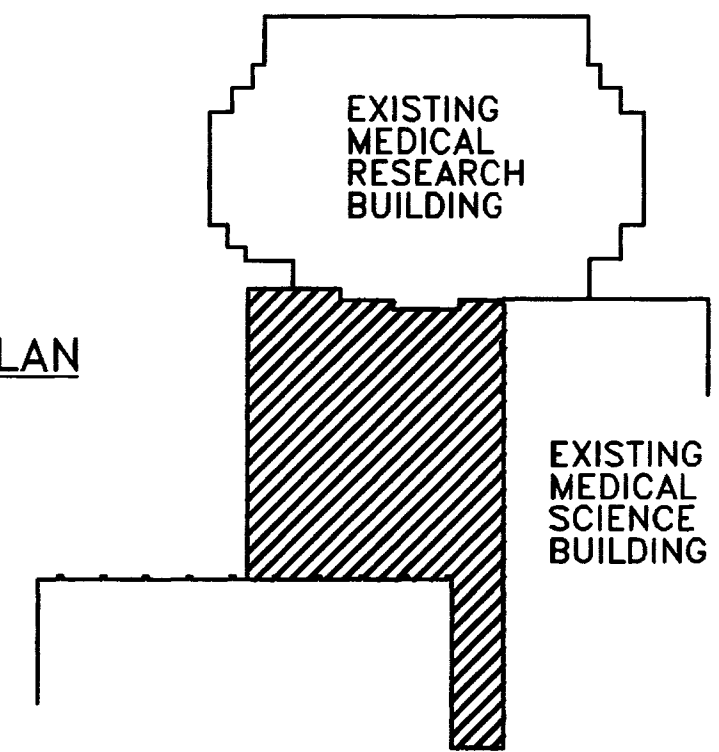


TYPICAL SUPPORT FOR CLG. MTD. EQUIP.

SCALE: 3/4" = 1'-0"

A
 6.1

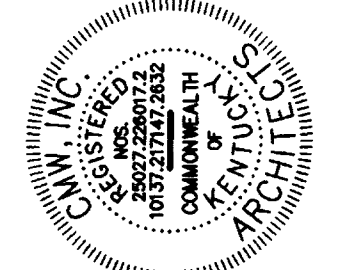
KEY PLAN
 N.T.S.



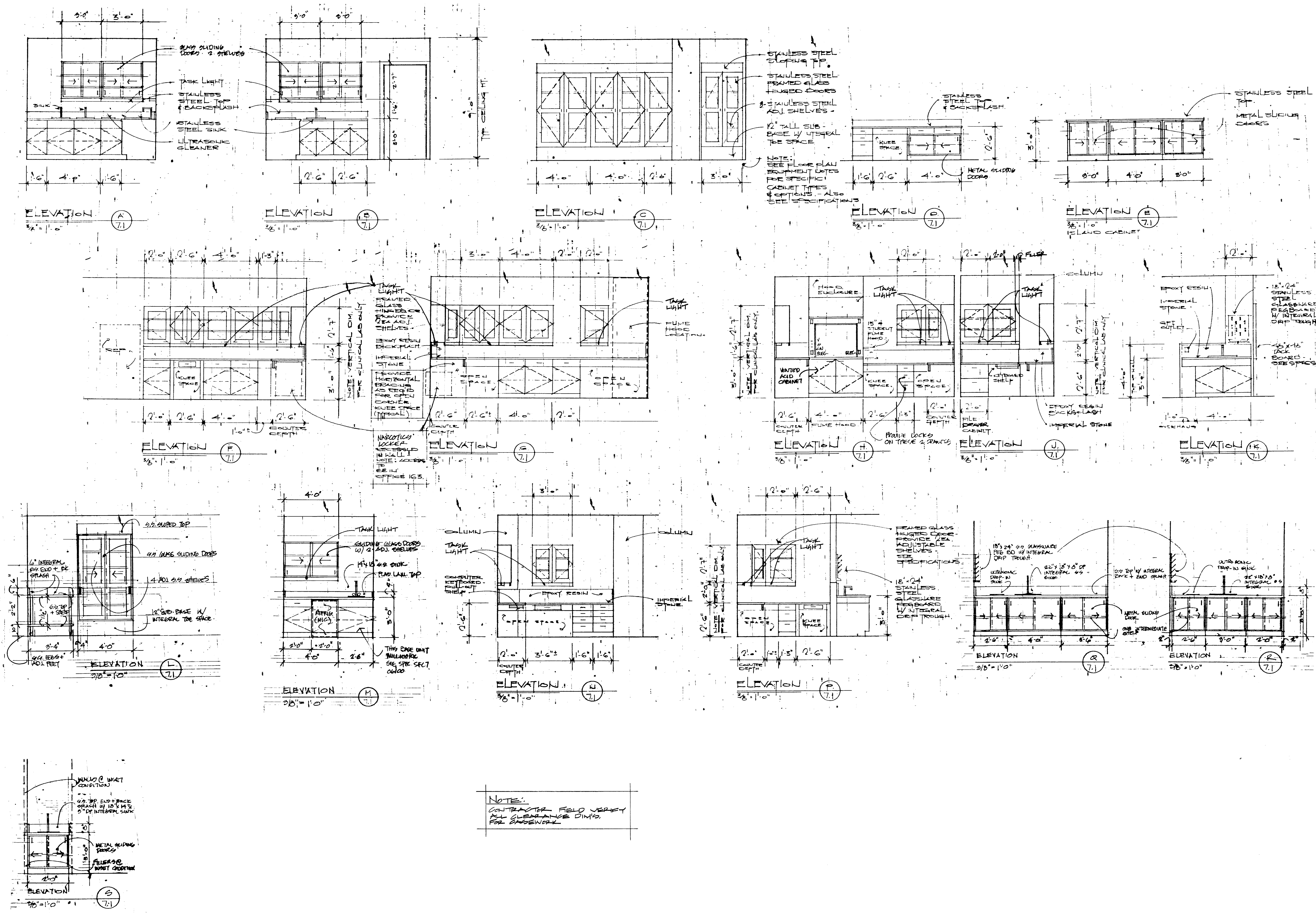
FINAL DOCUMENTS

Reflected Ceiling Plan
 Animal Care Shell fit-Up
 University of Kentucky
 Project No. 1627.0

SHT.	PROJECT TITLE
DATE	June, 1998
DRAWN BY	J.B. BCJ
CHECKED BY	J.B.
REVISED	
DATE	Dec. 22, 1998
1	
2	
3	
4	
SHEET NUMBER	6.1
PROJECT NUMBER	90240.06



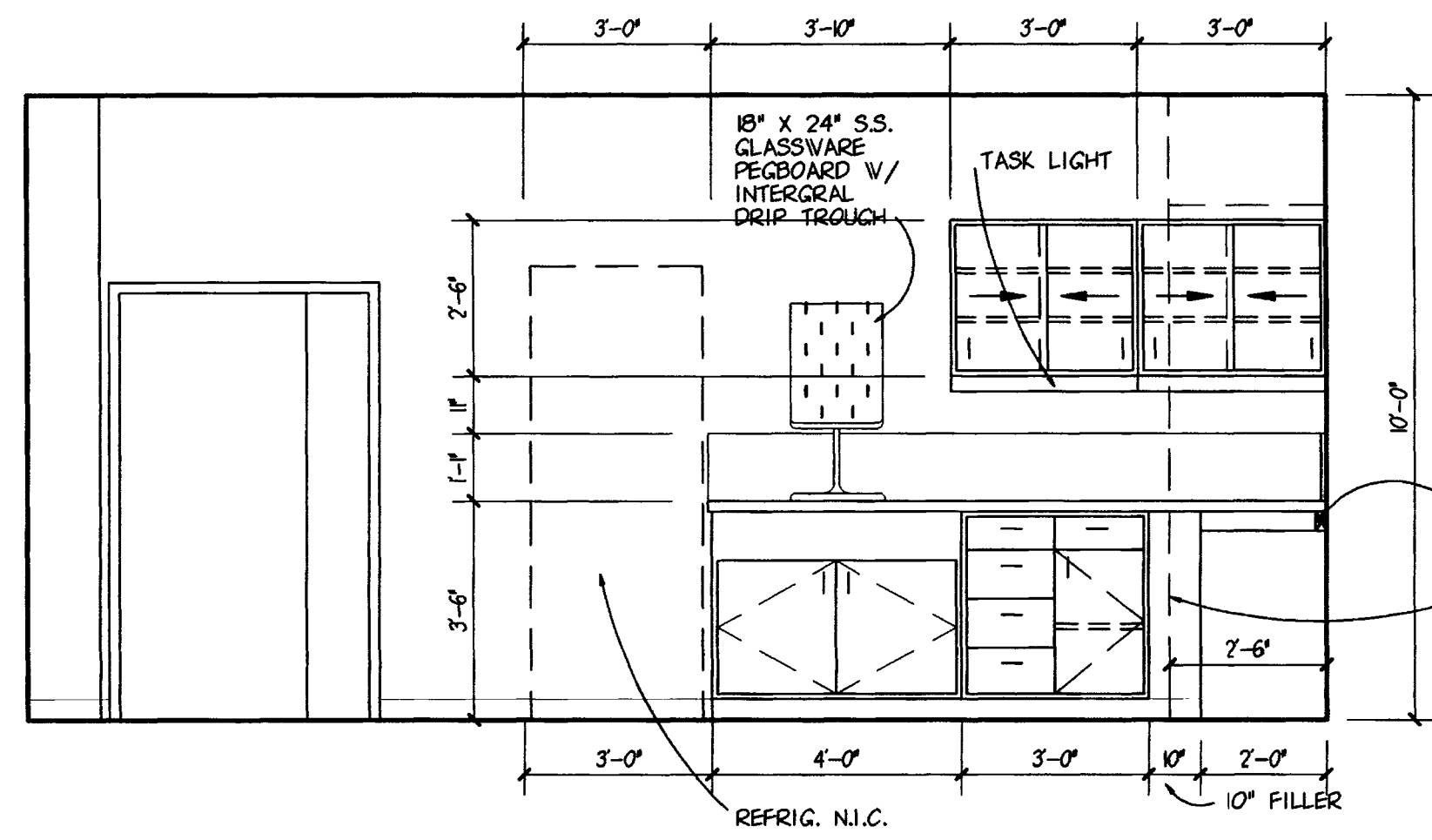
FAILURE TO ADHERE TO SECTION REQUIREMENTS OR TO OBTAIN GUIDANCE FROM THE ARCHITECT MAY RESULT IN A VIOLATION OF THE PROFESSIONAL ENGINEERING ACT AND A FURTHER VIOLATION OF THE PROFESSIONAL ENGINEERING BOARD'S REGULATIONS.



NOTE:
 CONTRACTOR FIELD VERIFY ALL CLEARANCE DIMS. FOR CASEWORK.

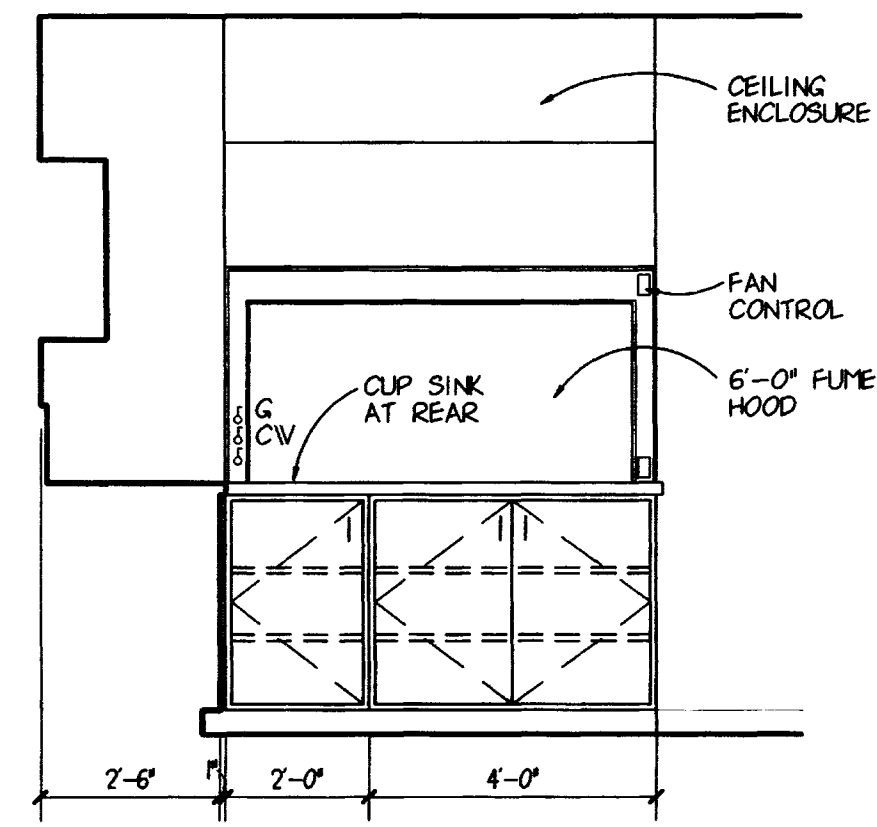
Casework Elevations
 Animal Care Shell Fit-Up
 University of Kentucky
 Project No. 1627.0

SHT.	PROJECT TITLE
DATE	June, 1996
DRAWN BY	JL, BCJ
CHECKED BY	JL
REVISED	
DATE	
SHEET NUMBER	7.1
PROJECT NUMBER	90240.06



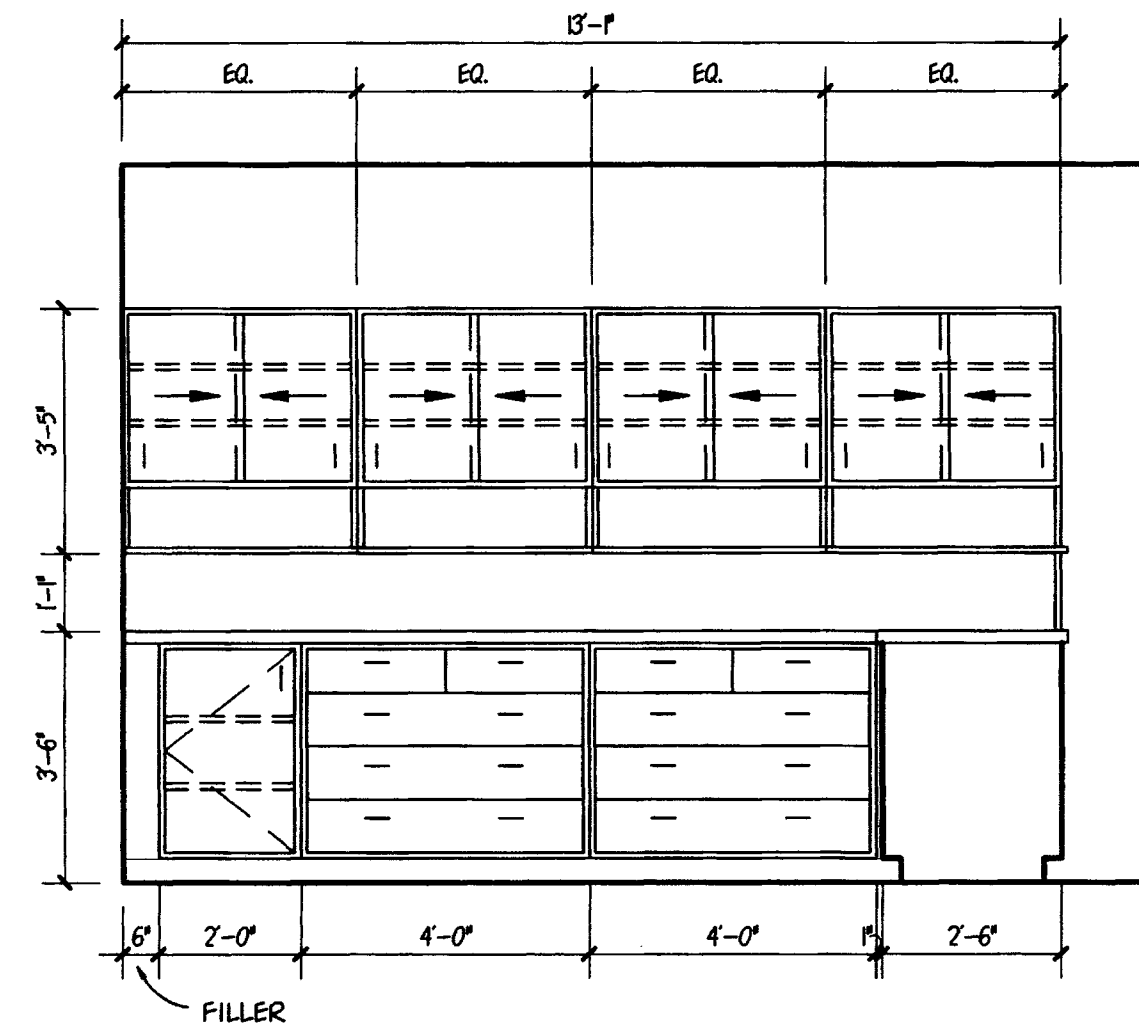
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SCALE: 3/8" = 1'-0"

1
7.2



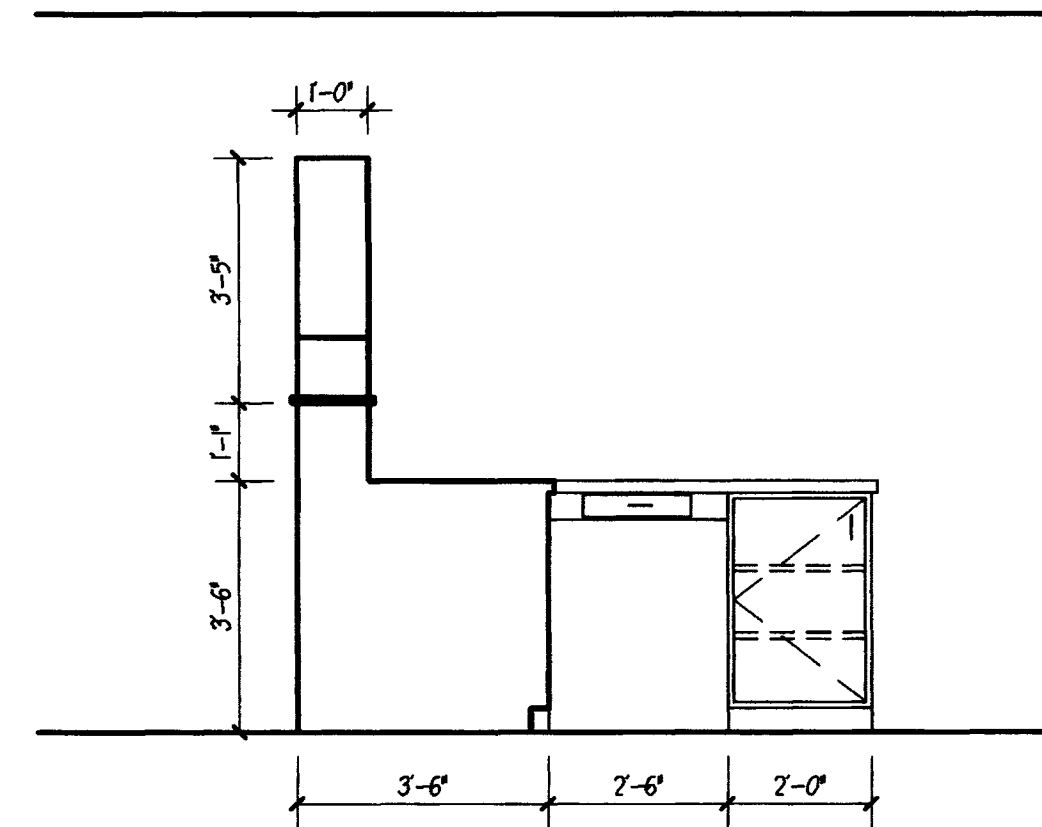
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7.2



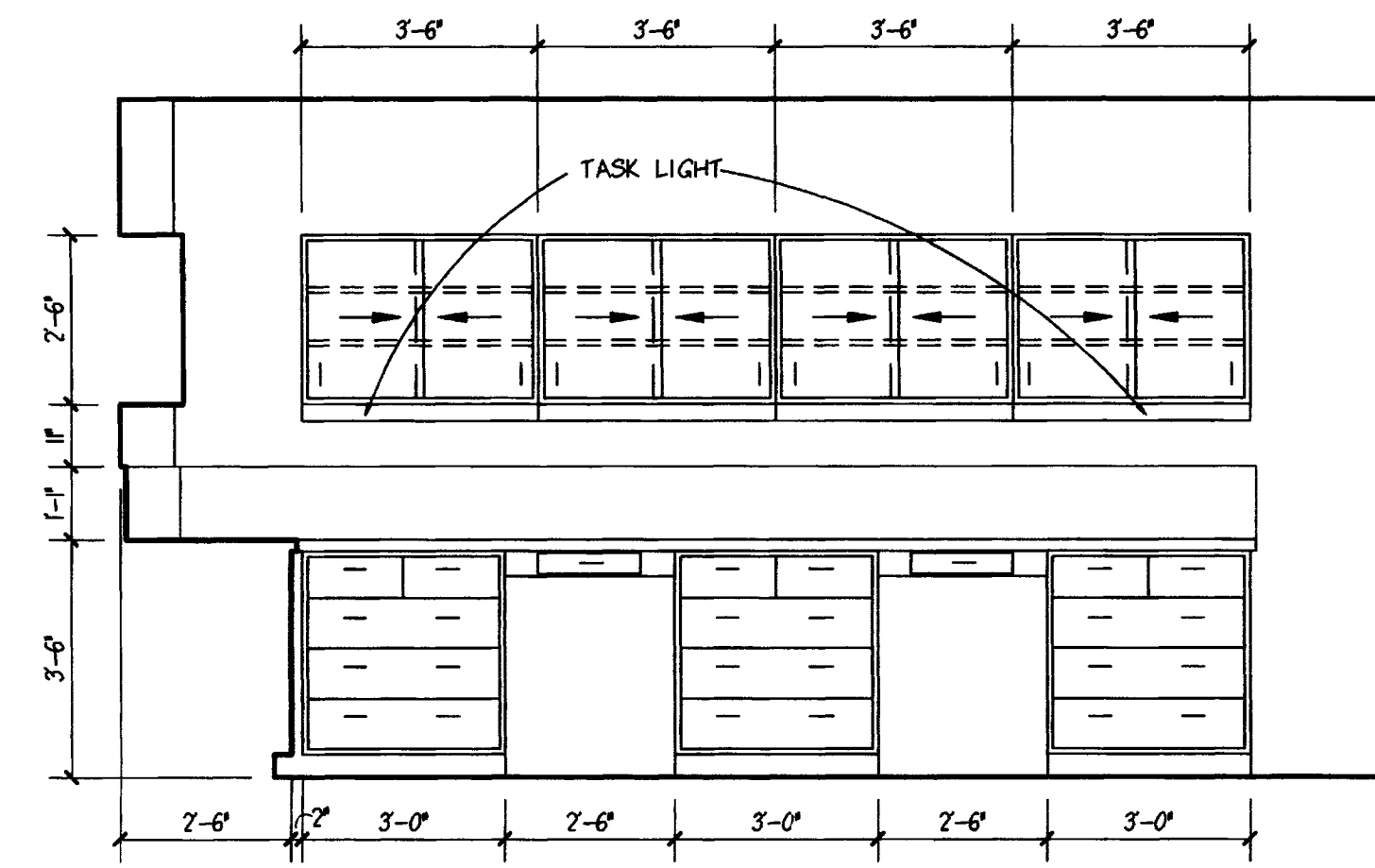
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3
7.2



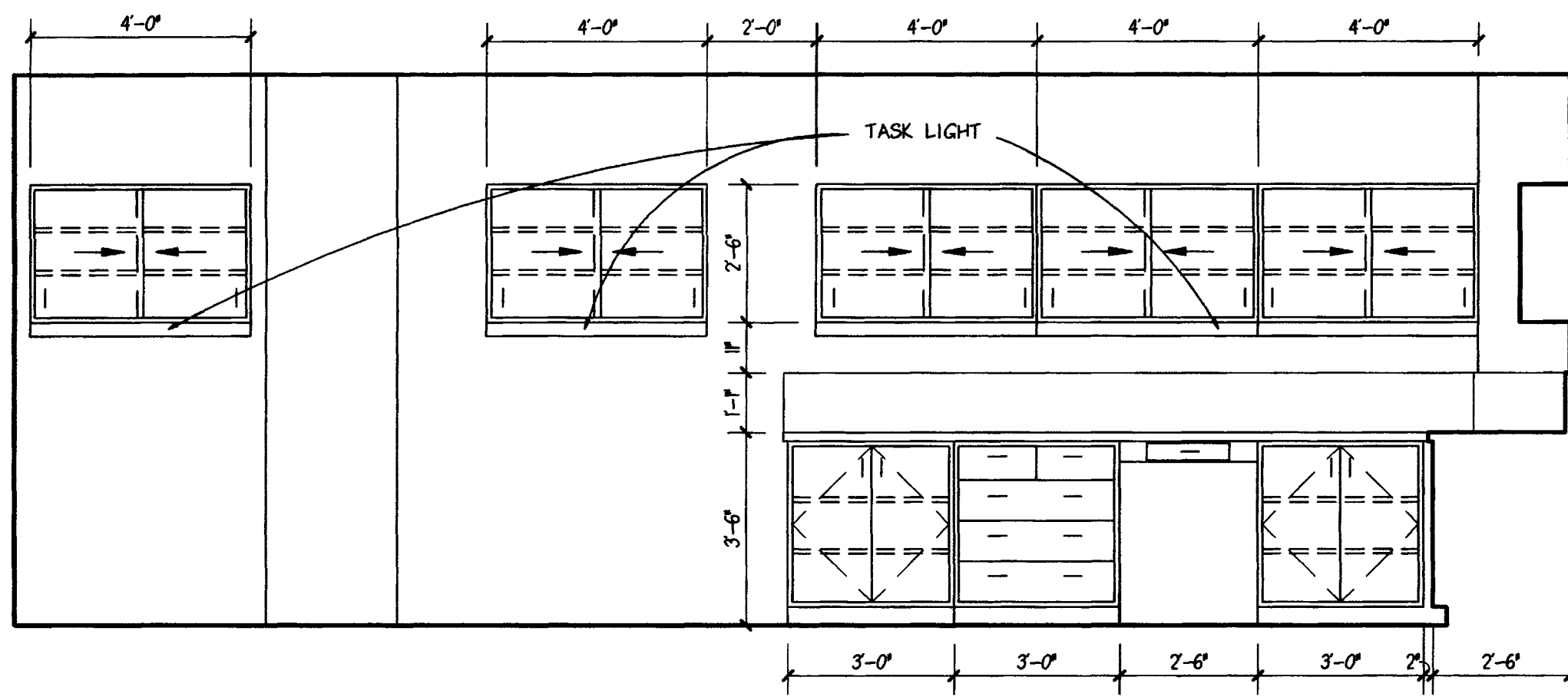
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4
7.2



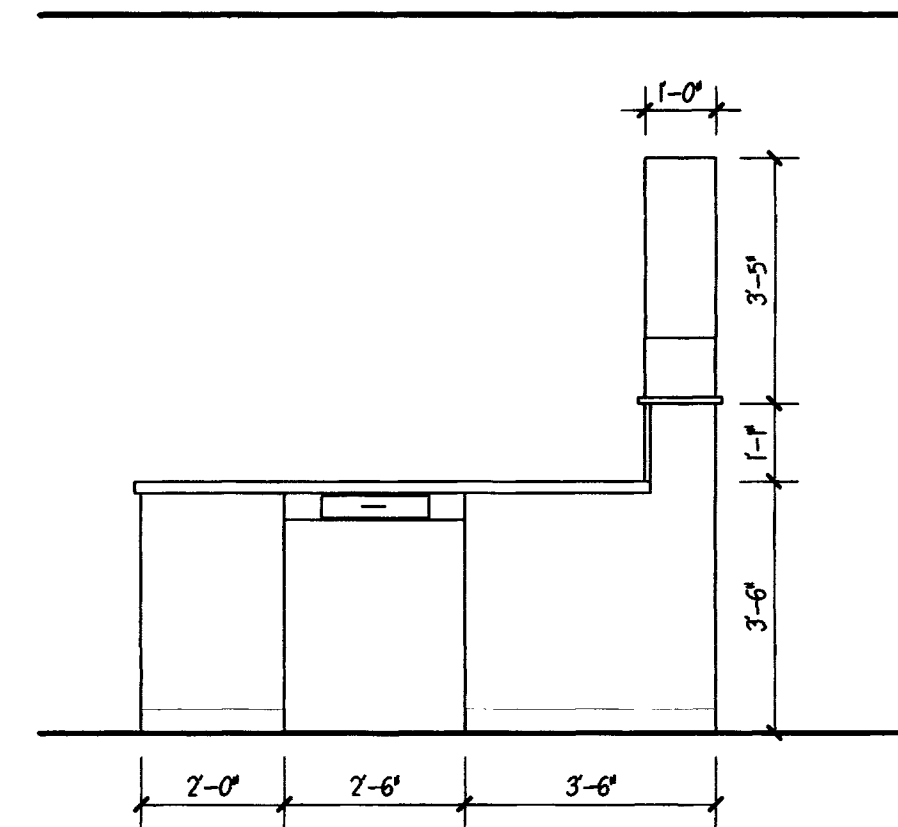
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5
7.2



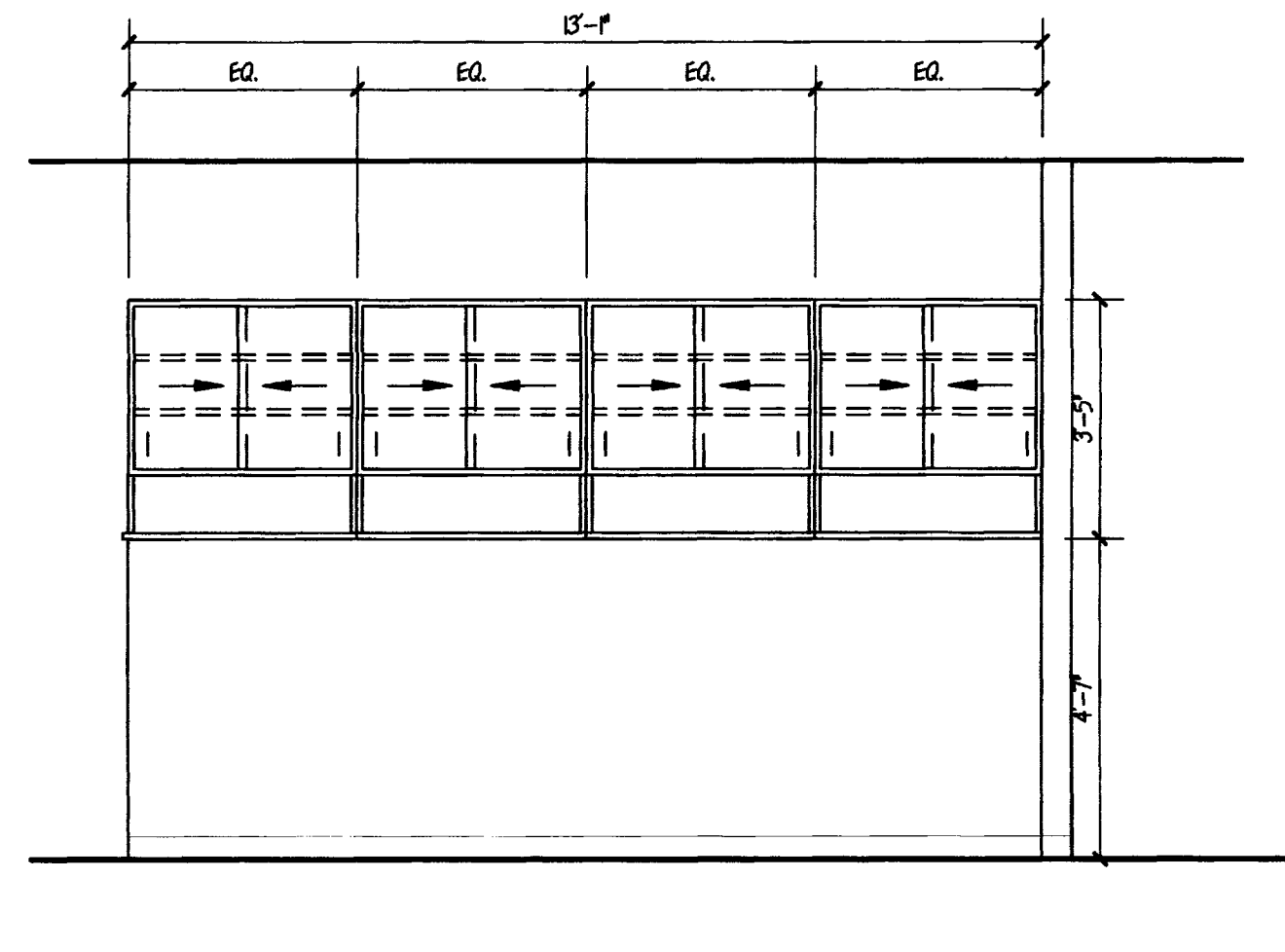
ELEVATION MB-013A
SCALE: 3/8" = 1'-0"

6
7.2



ELEVATION MB-013A
SCALE: 3/8" = 1'-0"

7
7.2



ELEVATION MB-013A
SCALE: 3/8" = 1'-0"

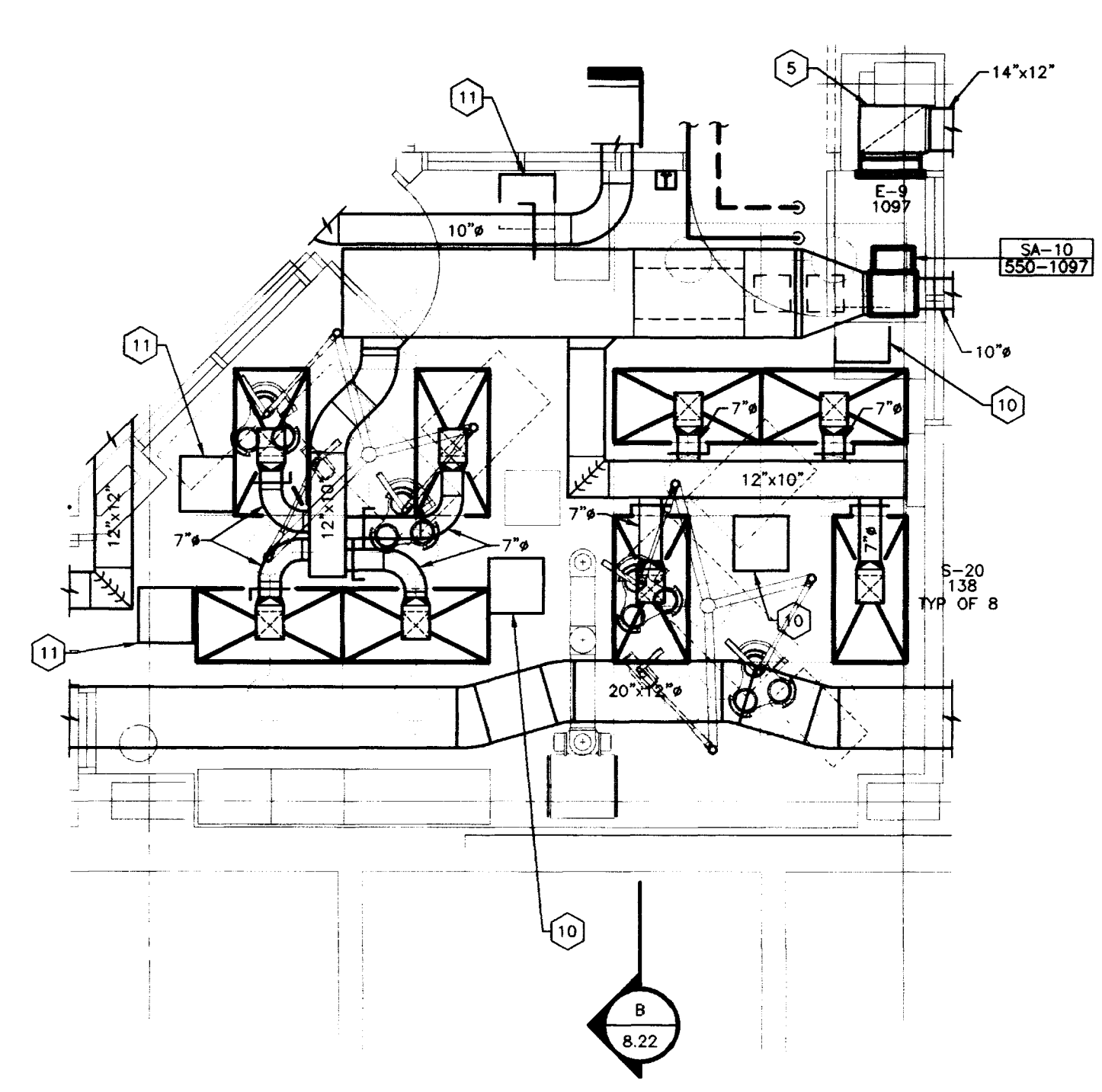
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NOTE:
CONTRACTOR FIELD VERIFY ALL
CLEARANCE DIM'S. FOR CASEWORK

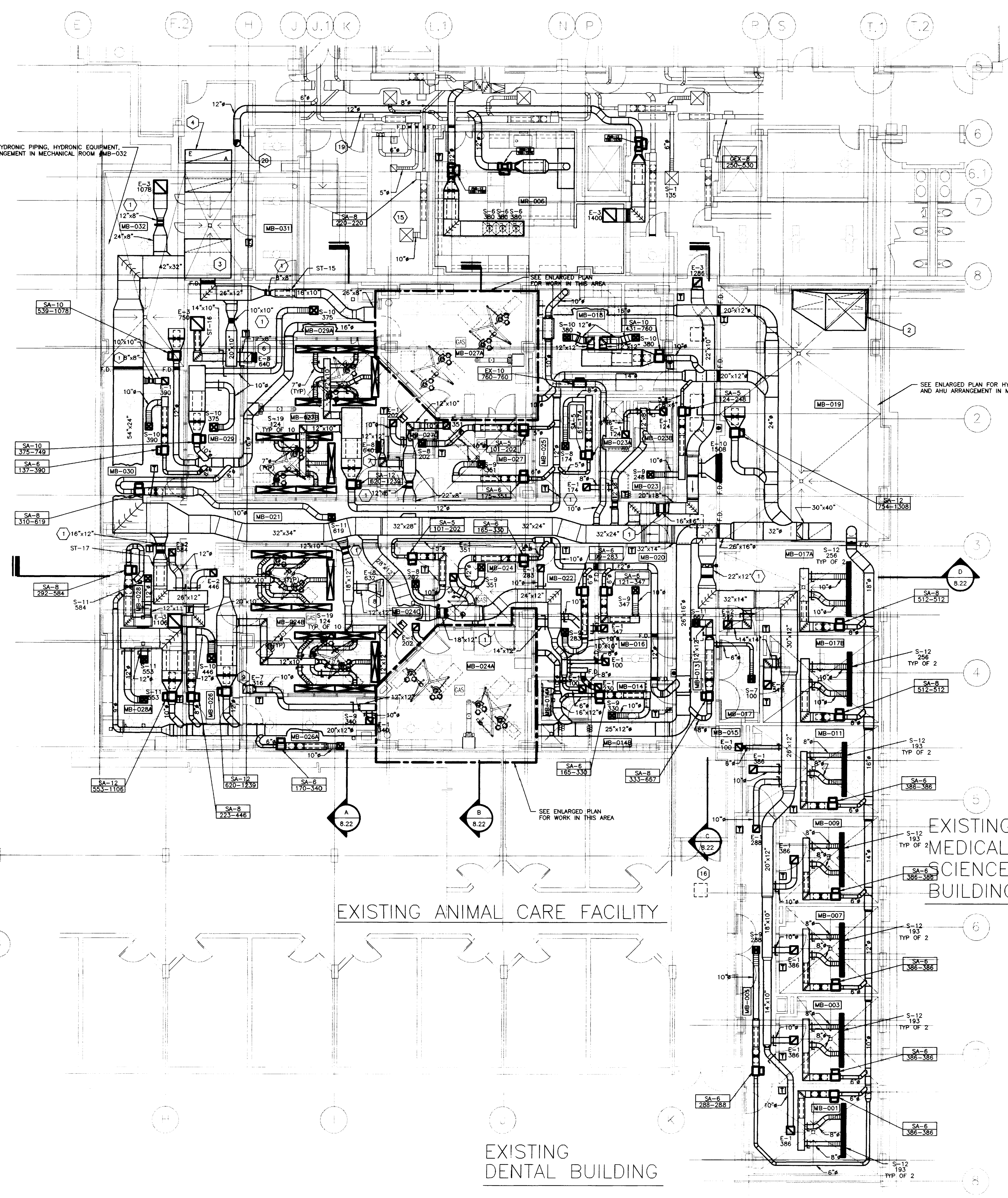
ROOM SCHEDULE:

MB-001	ANIMAL ROOM
MB-003	ANIMAL ROOM
MB-005	ANIMAL ROOM
MB-007	ANIMAL ROOM
MB-009	ANIMAL ROOM
MB-011	ANIMAL ROOM
MB-013	ANIMAL ROOM
MB-014	MEN'S TOILET
MB-014A	TOILET
MB-014B	SHOWER
MB-016	JANITOR
MB-017	HOUSEKEEPING
MB-018	VESTIBULE
MB-017A	ANIMAL ROOM
MB-018	CLINICAL ROOM
MB-019	MECHANICAL ROOM
MB-020	STORAGE
MB-021	CORRIDOR
MB-022	OFFICE
MB-023	WOMEN'S LOCKER
MB-023A	TOILET
MB-023B	TOILET
MB-024	PREP
MB-024A	SURGERY #4
MB-024B	SURGERY #3
MB-024C	SCRUB
MB-024D	OFFICE
MB-026	RECOVERY
MB-026A	RECOVERY
MB-027	SURGERY #1
MB-027B	SURGERY #2
MB-028	DECONTAMINATION
MB-028A	STERILE PROCESSING
MB-029	RECOVERY
MB-029A	RECOVERY
MB-030	EQUIP. STORAGE
MB-031	CORRIDOR
MB-032	MECHANICAL

DEMO. H.V.A.C. PLAN - ALTERNATE #3 RM.-MR006
 SCALE: 1/8" = 1'-0"



ENLARGED H.V.A.C. PLAN - ROOM NO. MB-024A
 SCALE: 1/8" = 1'-0"



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

- GENERAL NOTES:**
- ALL EQUIPMENT MUST PUT THROUGH THE EXISTING ROOF OPENING IN STRUCTURE. SEE ARCHITECTURAL PLANS FOR SIZE.

- CODED NOTES:**
- PROVIDE AIR FLOW MONITORING STATION CONSISTING OF MOTORIZED, MODULATING DAMPER & AIR FLOW MONITORING DEVICE. PROVIDE SPACING BETWEEN DAMPER & MONITORING DEVICE AS REQUIRED BY MANUFACTURER.
 - SUPPLY DUCT FROM ABOVE. TRANSITION TO AHU INTAKE.
 - FABRICATE 32" DEEP PLENUM FULL WIDTH OF UNIT, RUN PLENUM ACROSS MECHANICAL ROOM CEILING.
 - 24"x8" EXHAUST AIR DUCT TO EXHAUST FANS ON ROOF. SEE PARTIAL PLANS.
 - 22"x15" DUCT IN CHASE. MOUNT EXHAUST GRILLE 8" A.F.F.
 - 17"x14" DUCT IN CHASE. MOUNT EXHAUST GRILLE 8" A.F.F.
 - 24"x6" DUCT IN CHASE. MOUNT EXHAUST GRILLE 8" A.F.F.
 - 30"x6" DUCT IN CHASE. MOUNT EXHAUST GRILLE 8" A.F.F.
 - 14"x6" DUCT IN CHASE. MOUNT EXHAUST GRILLE 8" A.F.F.
 - PROVIDE 24"x24" ACCESS DOOR WHERE INDICATED. PROVIDE ADDITIONAL ACCESS DOORS WHERE REQUIRED.
 - PROVIDE 14"x18" ACCESS DOOR WHERE INDICATED. PROVIDE ADDITIONAL ACCESS DOORS WHERE REQUIRED.
 - RELOCATE EXISTING TERMINAL UNIT TO LOCATION SHOWN. DEMOLISH LOW PRESSURE DUCT. ADD HIGH PRESSURE DUCT AND RELOCATE HYDRONIC PIPING AS REQUIRED. REBALANCE DIFFUSERS TO AIRFLOWS INDICATED.
 - DEMOLISH ALL DIFFUSERS AND DUCTWORK BACK TO MAIN IN THIS AREA. PROVIDE NEW DUCT RUNOUTS, DUCT MOUNTED DIFFUSERS, AND FIRE DAMPERS AS SHOWN. REBALANCE TO AIRFLOWS INDICATED.
 - REMOVE EXISTING EXHAUST GRILLE AND REMOUNT TO EXHAUST DUCT WHEN CEILING IS REMOVED. PROVIDE NEW MANUAL BALANCING DAMPER AND FIRE DAMPER WHERE SHOWN AND REBALANCE EXHAUST GRILLE TO AIRFLOW SHOWN.
 - DEMOLISH ALL SUPPLY DUCT AND TERMINAL UNIT IN THIS AREA TO CORRIDOR. SEAL AND REPAIR WALL WHERE DUCT IS REMOVED. INSTALL FIRE DAMPERS AND ACCESS DOORS WHERE EXHAUST DUCT PENETRATES WALL.
 - REMOVE OR ADD NEW SECTIONS OF DUCT WHERE REQUIRED FOR DEMOLITION AND ADDITION OF NEW WALL.
 - REMOVE EXISTING SA-B UNIT AND ALL ASSOCIATED DUCTS, DIFFUSERS, THERMOSTAT, FITTINGS, AND FIRE DAMPERS etc. CAP PRIMARY DUCT BACK TO MAIN EXISTING DUCT CONNECTION. ALL CAPPED DUCT SHALL BE AIR TIGHT. PATCH CEILING, WALL TO MATCH EXISTING. (ALTERNATE # 3.)
 - REMOVE EXHAUST DUCT EXHAUST GRILLES, FITTINGS etc. IN THIS ROOM (ALTERNATE #3). CAP EXHAUST DUCT BACK TO EXISTING MAIN. ALL CAPPED DUCT SHALL BE AIR TIGHT. PATCH CEILING, WALL TO MATCH EXISTING. (ALTERNATE # 3.)
 - RUN NEW 12" EXHAUST DUCT ABOVE CEILING. CONTRACTORS SHALL VERIFY ALL EXISTING H.V.A.C. SYSTEM, ELECTRICAL SYSTEM, FIRE PROTECTION SYSTEM, PLUMBING SYSTEM AND MEDICAL GAS SYSTEM EXACT LOCATION, AND COORDINATE WITH ALL EXISTING SYSTEMS BEFORE ANY NEW WORK BEGINS. (ALTERNATE # 3.)
 - NEW 12" EXHAUST DUCT UP IN CHASE TO PENTHOUSE LEVEL. SEE H.V.A.C. PLAN - PENTHOUSE / ROOF FOR CONTINUATION. (ALTERNATE # 3.)

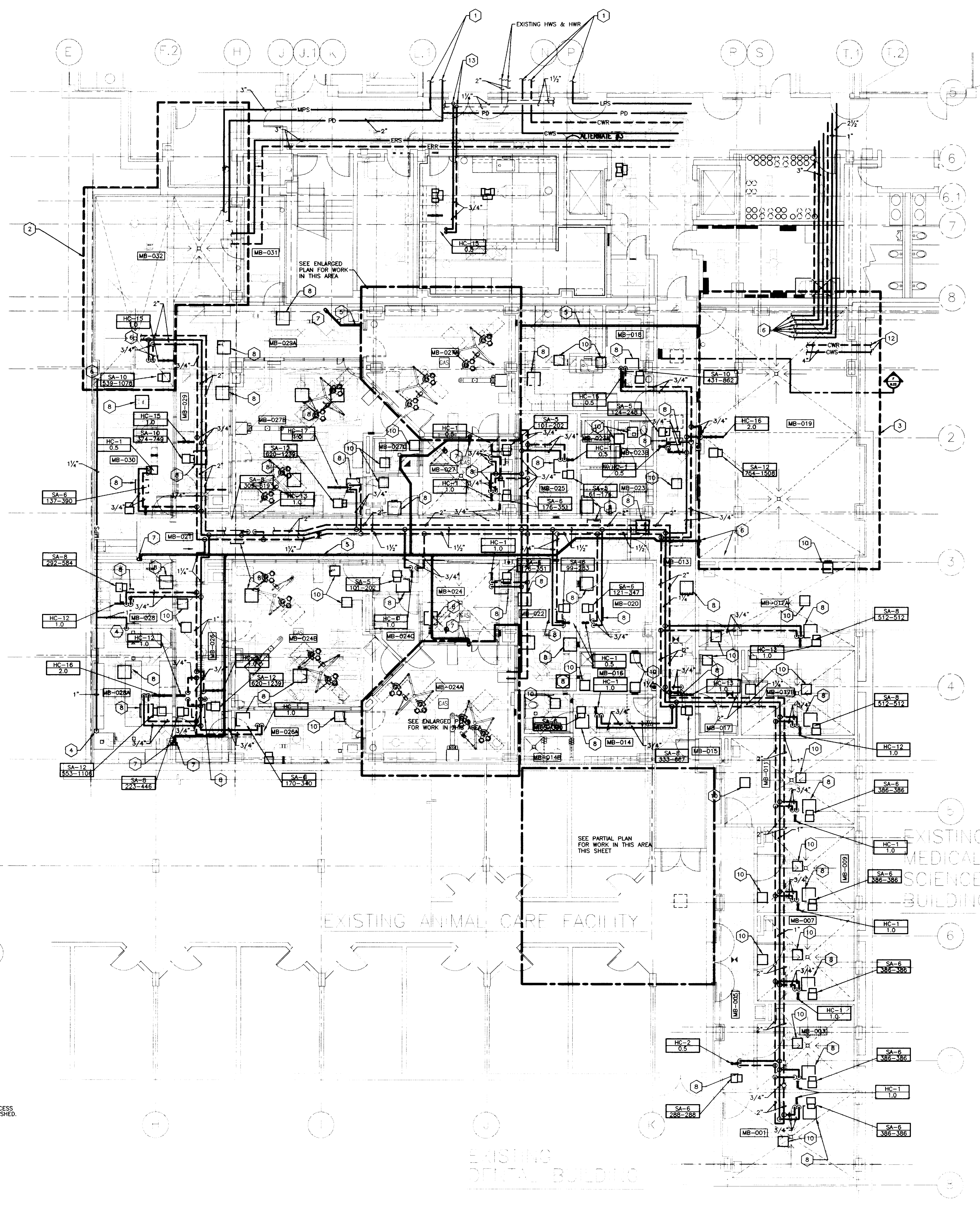
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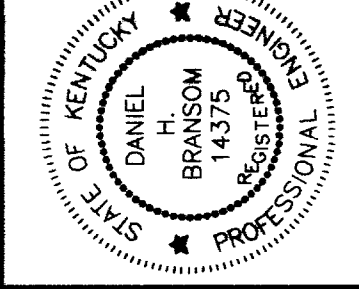
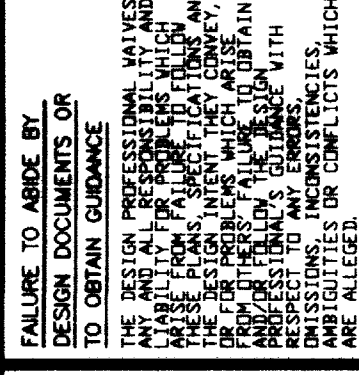
OFFICIAL BID DOCUMENT

SHT.	PROJECT TITLE
DATE	AUG 1, 1998
DRAWN BY	AKL
CHECKED BY	DHB
REVISION	
DATE	1 05/07/97
2	
3	
4	
SHEET NUMBER	8.11
PROJECT NUMBER	1627.0
RECORD DRAWINGS	DATE FEBRUARY 1998
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.	

CODED NOTES:

- REFER TO FLOW DIAGRAM (SHEET 8.34) FOR CONTINUATION.
- REFER TO ENLARGED MECH. ROOM (MB-032) PLAN FOR H.V.A.C. & HYDRONIC PIPING WORK IN THIS AREA.
- REFER TO ENLARGED MECH. ROOM (MB-019) PLAN FOR H.V.A.C. & HYDRONIC PIPING WORK IN THIS AREA.
- CONNECT MEDIUM PRESSURE STEAM PIPING WITH ISOLATION VALVE AND STRAINER. CONTRACTOR SHALL INSTALL PIPING PER MANUFACTURER'S RECOMMENDATION. DRAIN CONDENSATE TO FLOOR DRAIN LOCATED UNDERNEATH STERILIZER.
- 2" VACUUM TUBING ABOVE CEILING. PITCH ALL PIPING BACK TO UNIT LOCATED IN MECHANICAL ROOM #MB-019.
- SEE ENLARGED MECHANICAL ROOM #MB-019 FOR CONTINUATION OF VACUUM TUBING.
- PROVIDE 2" RECESSED INLET VALVE CONNECTION FOR 1-1/2" DIAMETER HOSE. TERMINATE EACH DROP THROUGH THE USE OF A TEE WITH A BOTTOM PLUG. DO NOT USE ELBOWS. MOUNT VALVE 18"-20" A.F.F.
- PROVIDE 2"x2" ACCESS DOOR WHERE INDICATED. PROVIDE ADDITIONAL ACCESS DOORS WHERE REQUIRED. COORDINATE WITH ARCHITECTURAL CEILING PLAN FOR EXACT LOCATION.
- 26" x 8" DUCT IN CHASE. MOUNT EXHAUST GRILLE 8" A.F.F.
- PROVIDE 18" x 18" ACCESS DOOR WHERE INDICATED. PROVIDE ADDITIONAL ACCESS DOORS WHERE REQUIRED. COORDINATE WITH ARCHITECTURAL CEILING PLAN FOR EXACT LOCATION.
- DROP 6" EXHAUST DUCT 12" BELOW CEILING LEVEL FOR CONNECTION TO PORTABLE HOOD. PROVIDE 6" LOW LEAK DAMPER BELOW CEILING IN ROOM #MB-027A.
- CONNECT TO EXISTING 24" CHILLED WATER MAINS IN MECHANICAL ROOM #46 OF THE MED CENTER. ALLOW FOR A TOTAL STRAIGHT LENGTH OF 100 FT OF 4" PIPING. 40' 4" ELBOWS AND 4" CONNECTION INTO SUPPLY AND RETURN MAINS IN BASE BID. SEE SPECS FOR UNIT PRICES PERTAINING TO THIS WORK. CONTRACTOR IS RESPONSIBLE FOR COORDINATING THIS WORK, ROUTING PIPING AROUND EXISTING CONDITIONS, AND RETURNING ANY CEILING AREAS TO THEIR ORIGINAL CONDITION.
- CONNECT NEW 3/4" HWS & HWR PIPING TO EXISTING MAIN AT THIS APPROXIMATE LOCATION. FIELD VERIFY EXISTING PIPING EXACT LOCATION FOR CONNECTION. PATCH CEILING, WALL, etc. TO MATCH EXISTING. (ALTERNATE # 3.)
- REMOVE EXISTING HYDRONIC SUPPLY & RETURN PIPING FROM SA-8 UNIT BACK TO EXISTING MAIN PIPING CONNECTION. FIELD VERIFY EXISTING PIPING EXACT LOCATION. (ALTERNATE # 3.)

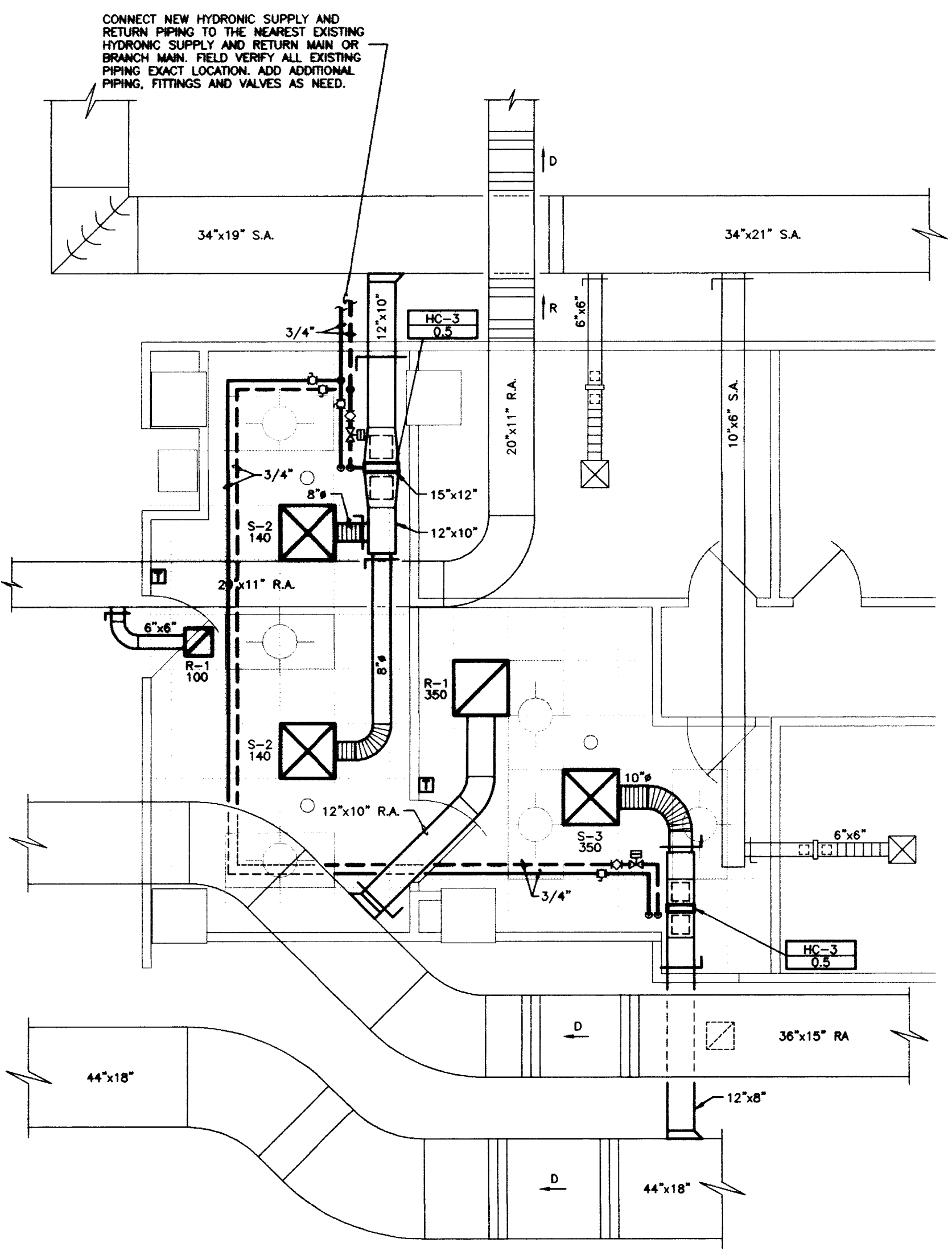




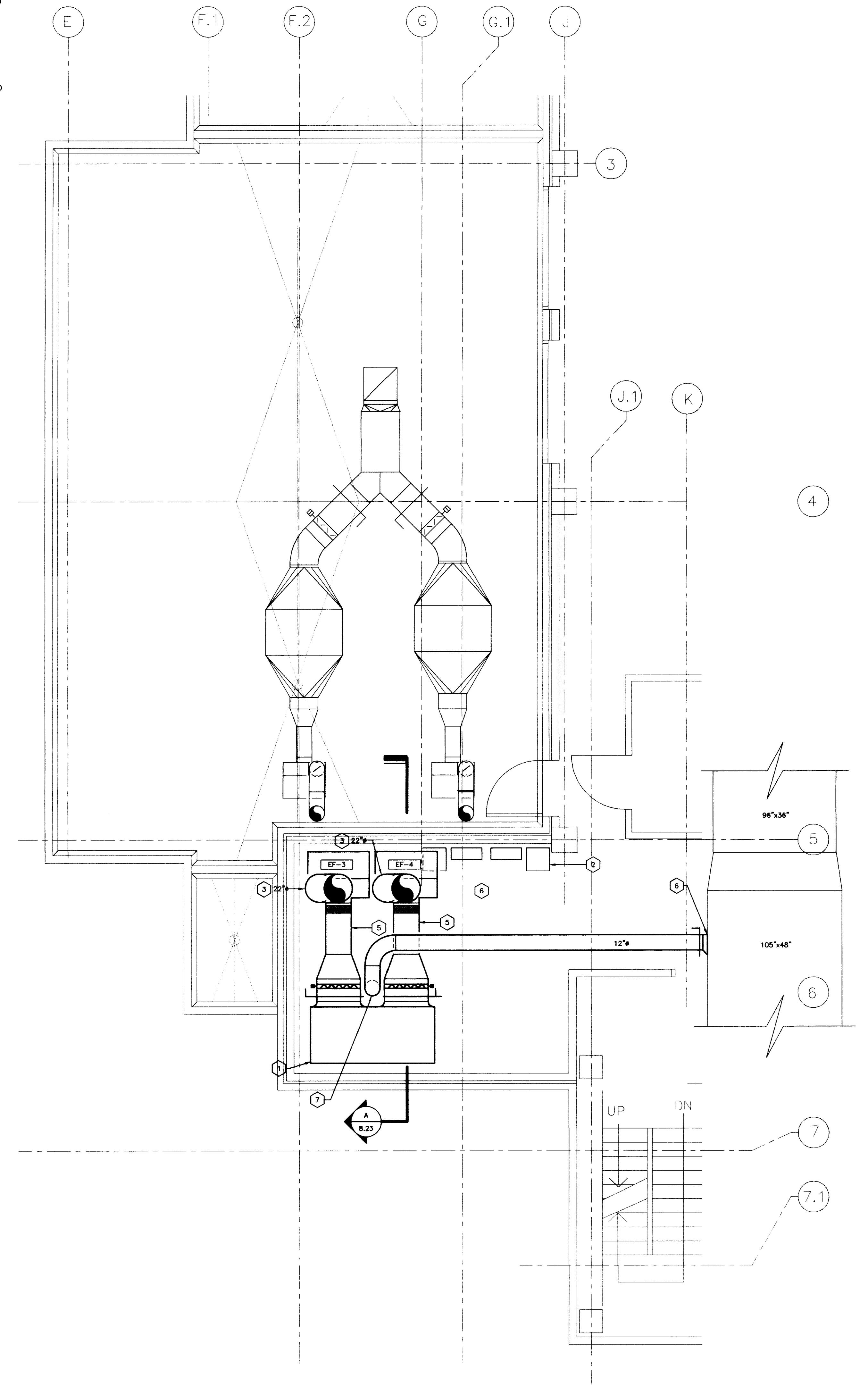
HVAC - PARTIAL PLANS
Animal Care Shell Fit-up
University of Kentucky
Project No. 1627.0

DATE	AUG 1, 1998
DRAWN BY	AKL
CHECKED BY	DHB
REVISION	
DATE	08/07/97
1	
2	
3	
4	
SHEET NUMBER	
8.13	
PROJECT NUMBER	
1627.0	

- CODED NOTES:**
- 44"x44" EXHAUST PLENUM IN PENTHOUSE. SEE ALSO PARTIAL CHASE PLANS. PROVIDE FIRE DAMPER WHERE DUCT PENETRATES PENTHOUSE FLOOR.
 - VARIABLE FREQUENCY DRIVES AND ISOLATION TRANSFORMERS MOUNTED ON PENTHOUSE WALL.
 - EXTEND 22" EXHAUST STACKS TO 10 FT ABOVE PENTHOUSE ROOF LEVEL. OFFSET EXISTING SPRINKLER PIPING AS REQUIRED.
 - ANIMAL CARE EXHAUST FANS LOCATED IN PENTHOUSE.
 - TRANSITION FROM FULL DUCT SIZE TO FAN INLET SIZE. PROVIDE A MINIMUM DISTANCE OF 2 TIMES THE FAN INLET SIZE BETWEEN THE FAN INLET AND THE FIRST FITTING.
 - CONNECT NEW 12" EXHAUST DUCT TO EXISTING MAIN EXHAUST DUCT AT THIS APPROXIMATE LOCATION.
 - 12" EXHAUST DUCT UP FROM BASEMENT LEVEL, FROM ROOM MR-006 FLAME HOOD (ALTERNATE #3), UP TO THIS FLOOR.

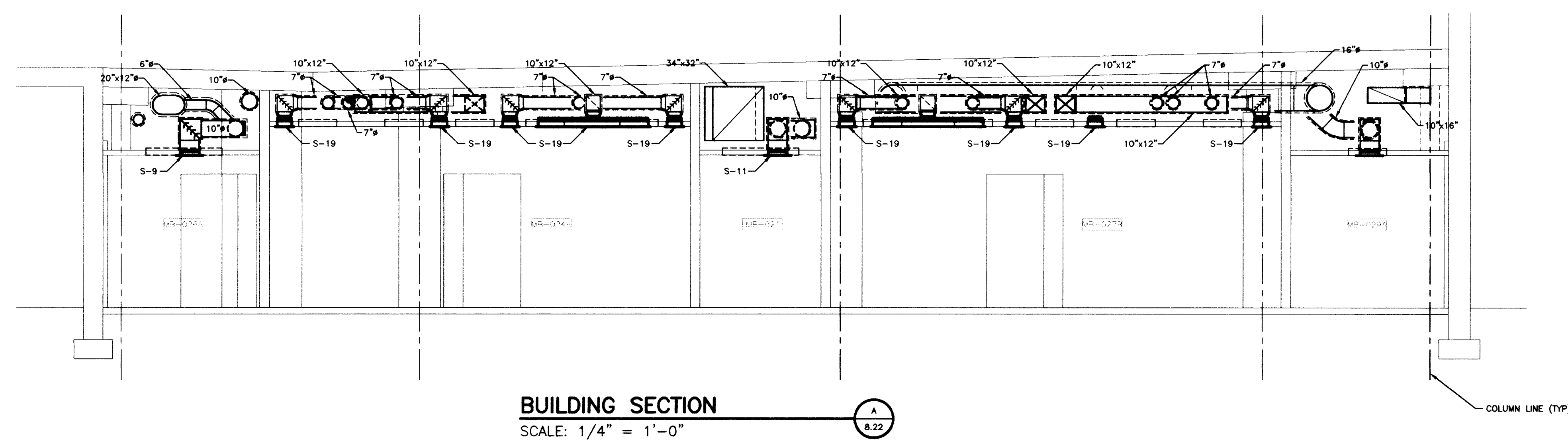


H.V.A.C. PLAN - PARTIAL SECURITY OFFICE AREA
 SCALE: 1/4" = 1'-0"

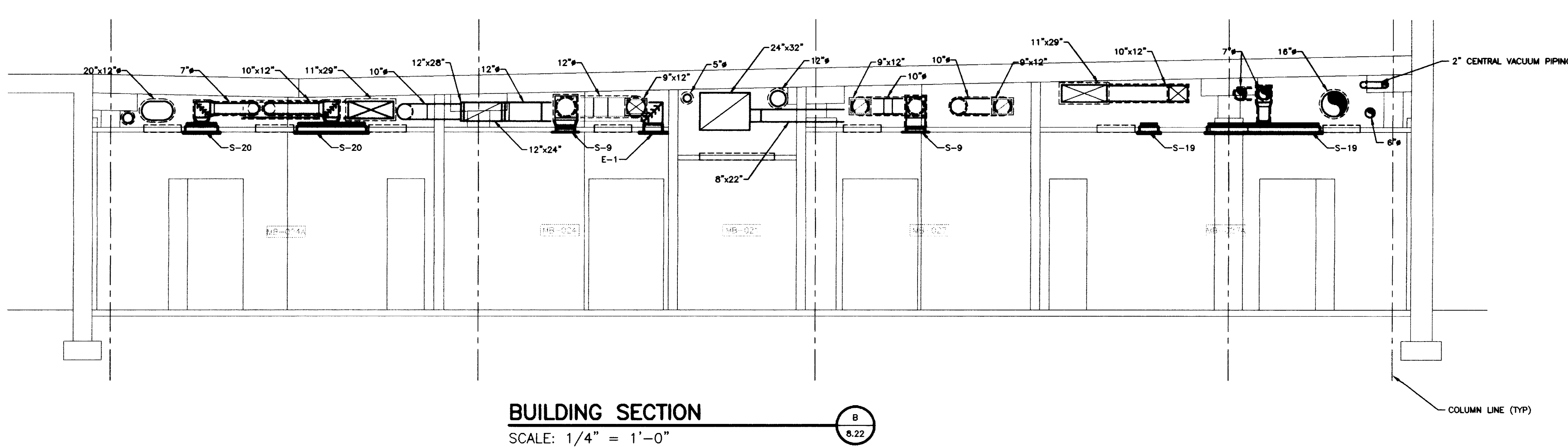


H.V.A.C. PLAN - PENTHOUSE/ROOF
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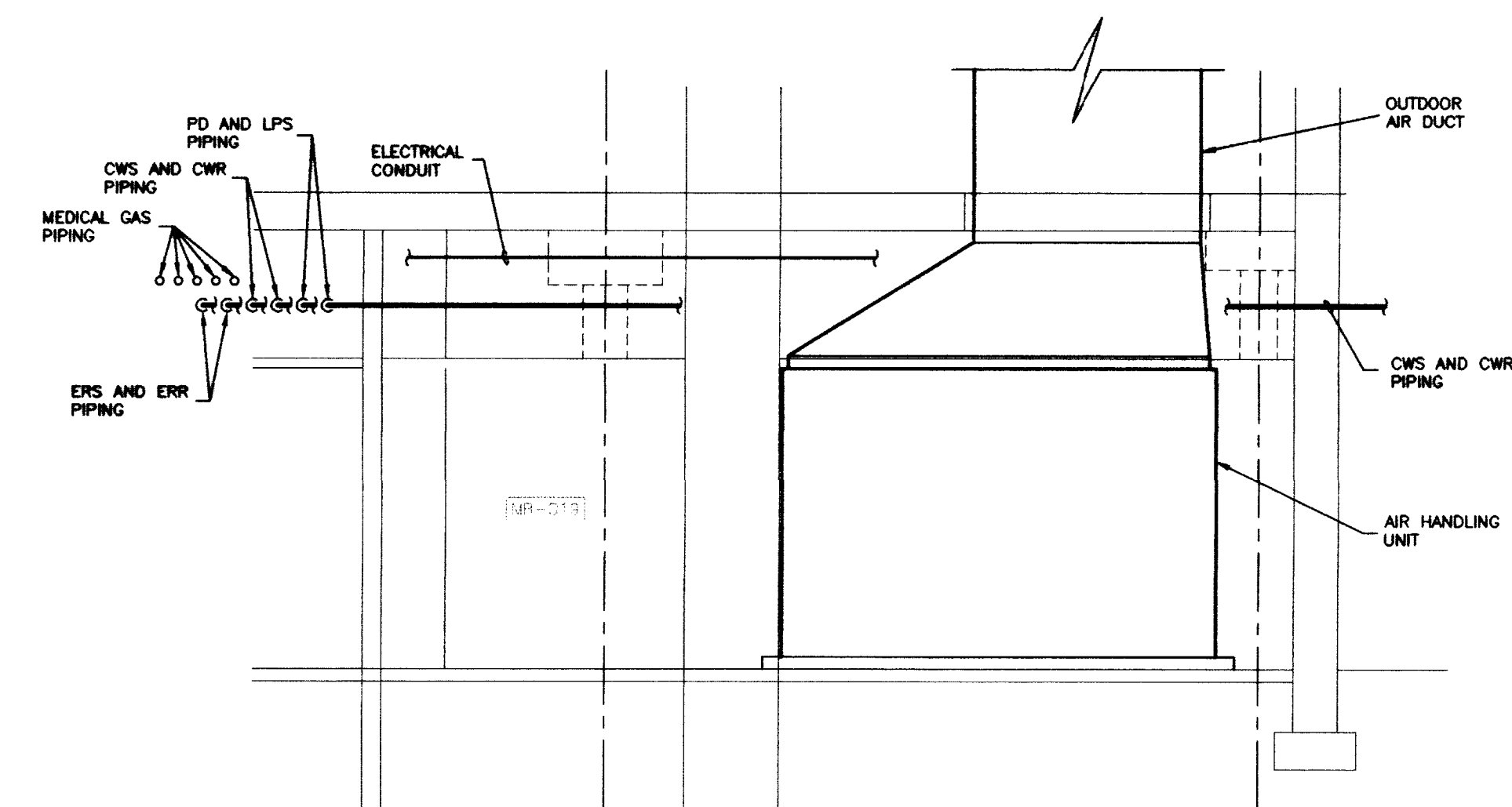
RECORD DRAWINGS DATE FEBRUARY 1998
 These record drawings have been prepared, in part, on the basis of information compiled and furnished by others. The Engineer will not be responsible for any errors or omissions which have been incorporated into this document as a result.
 STAGGS & FISHER CONSULTING ENGINEERS, INC.



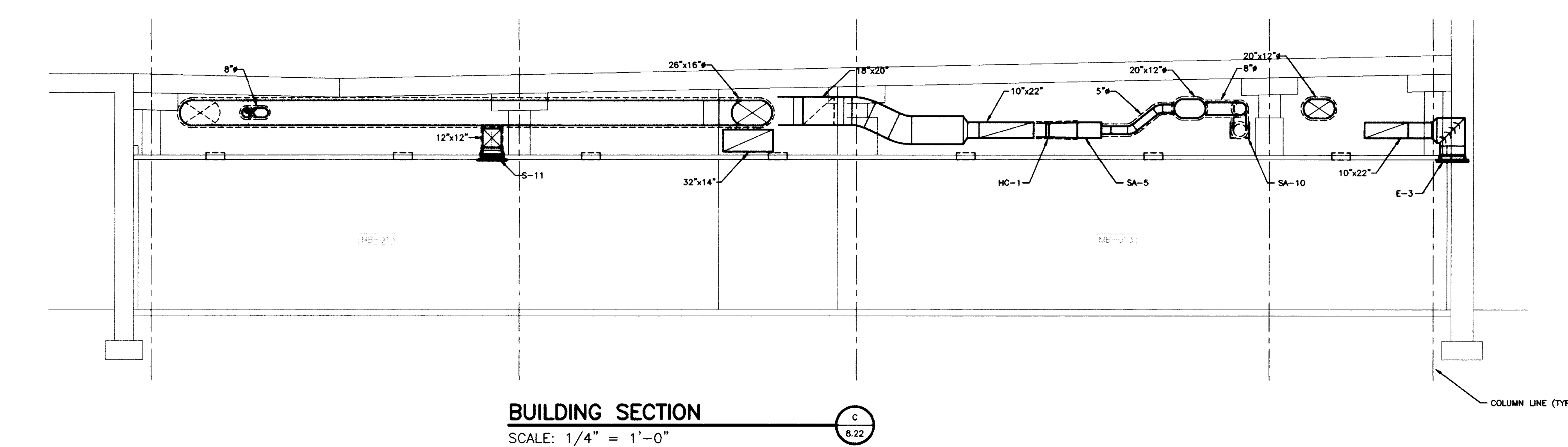
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8.22



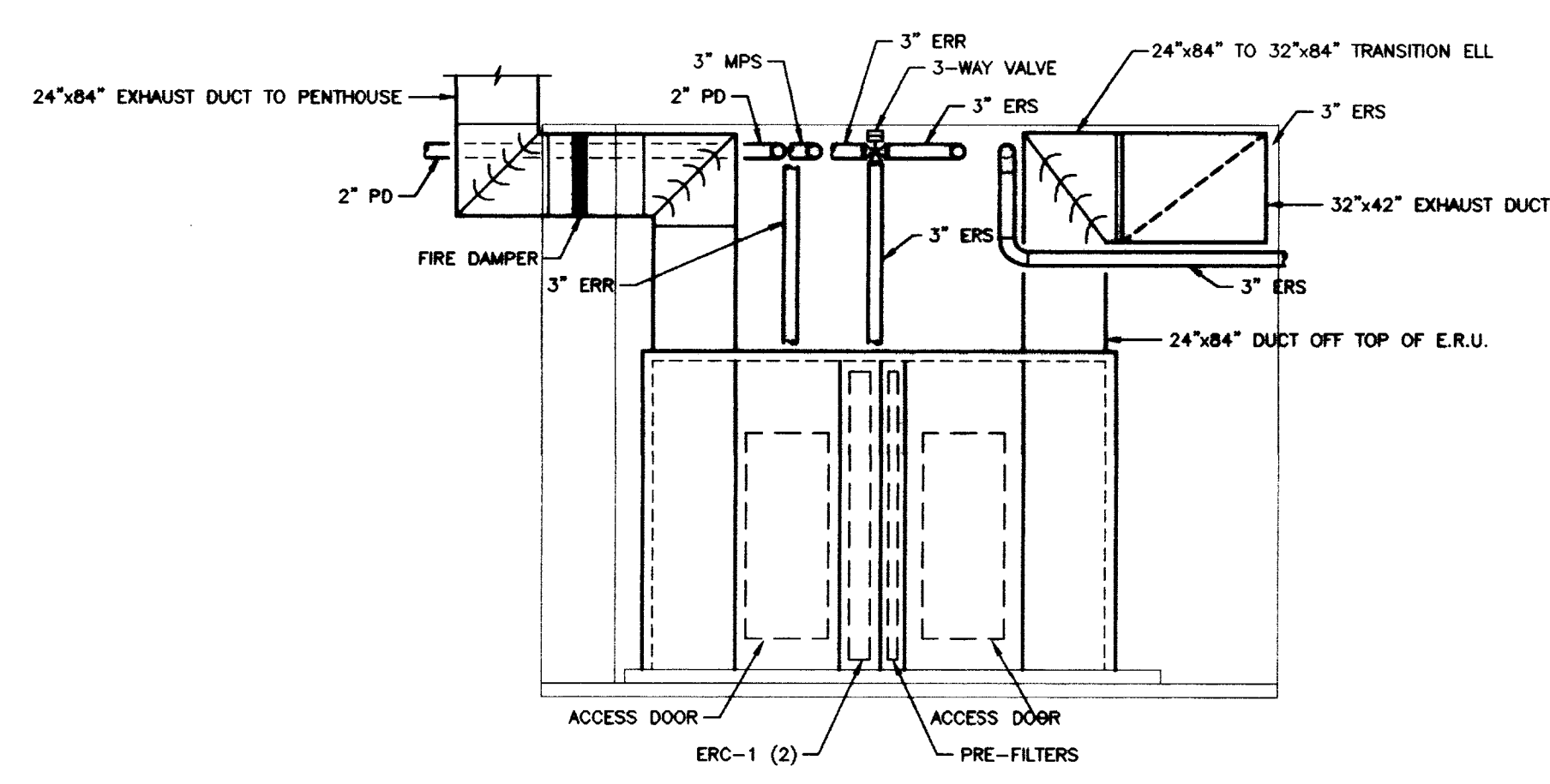
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8.22



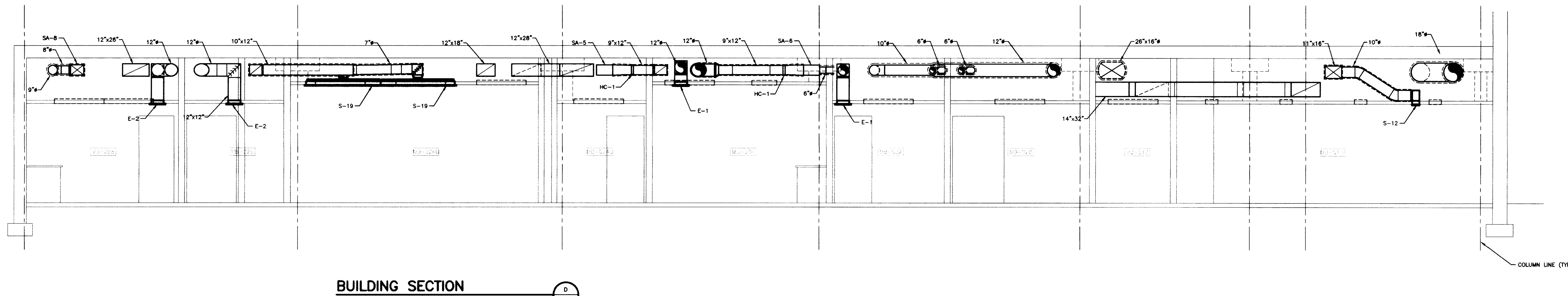
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8.22



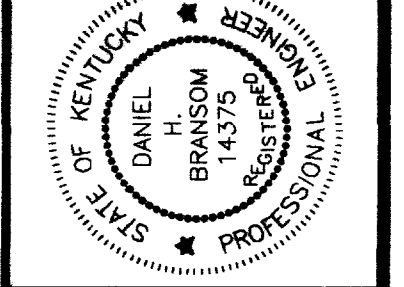
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SCALE: 1/4" = 1'-0"
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8.22



BUILDING SECTION
SCALE: 1/4" = 1'-0"
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8.22

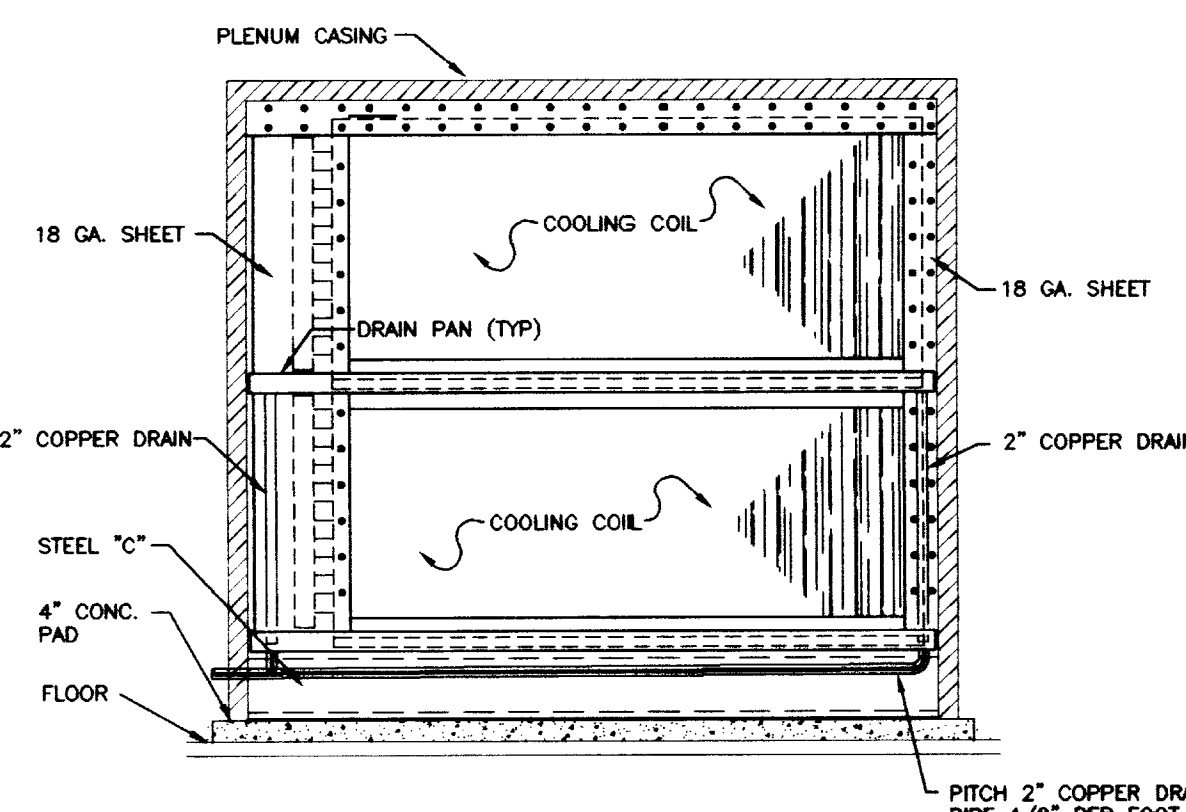


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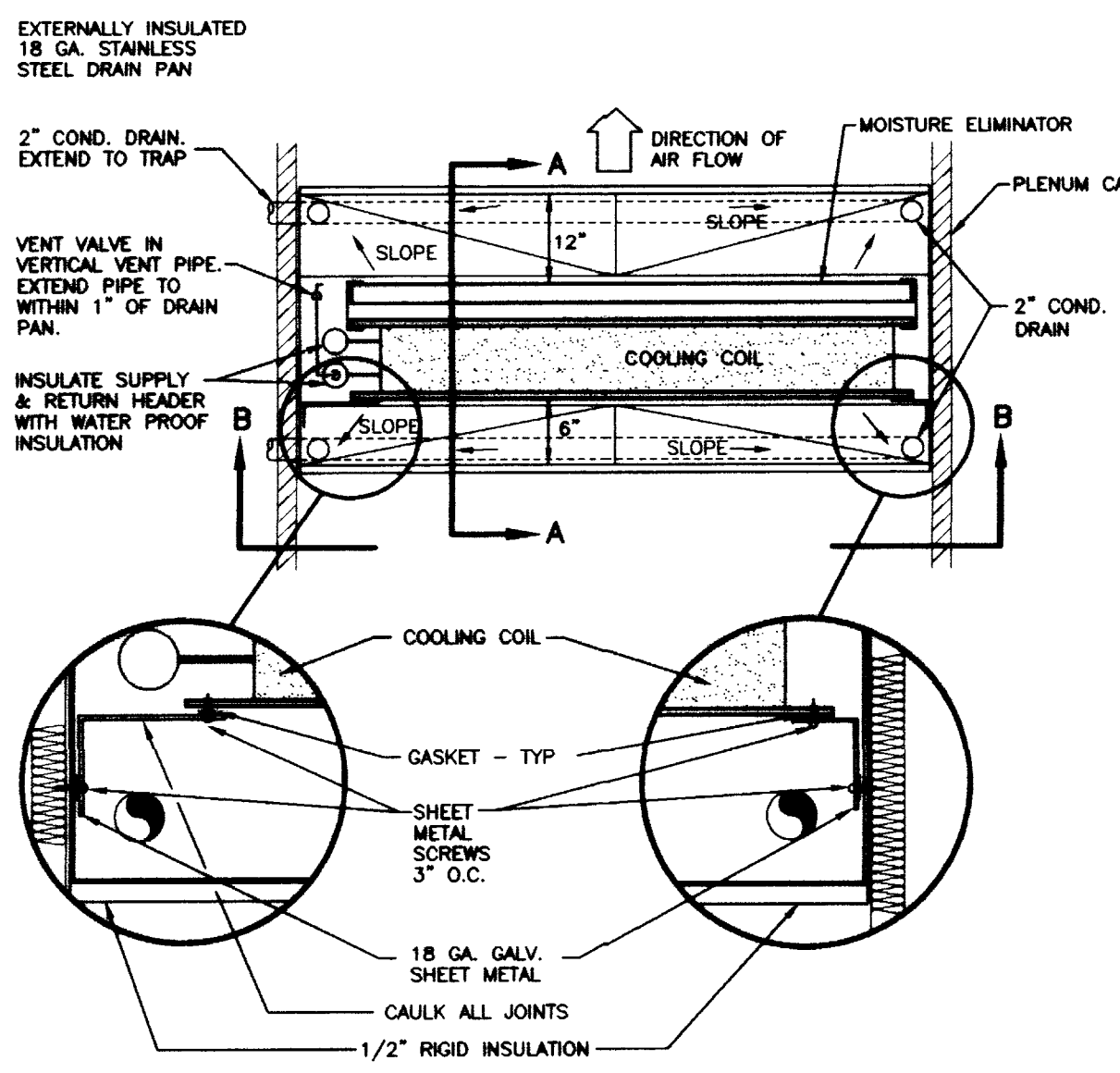
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OFFICIAL BID DOCUMENT



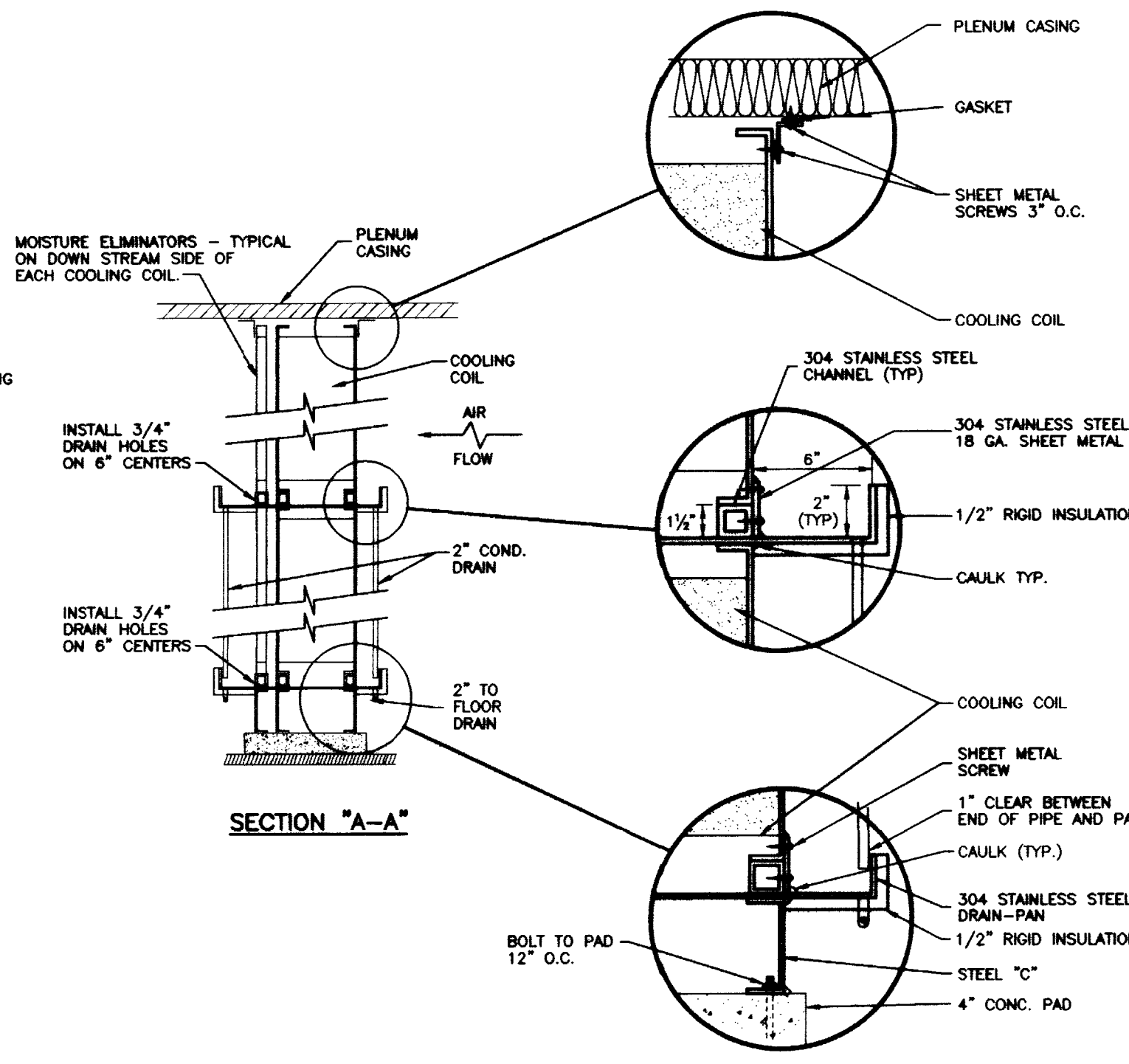
SECTION "B-B"

- NOTE: COILS SHALL BE SUPPORTED SO THAT EACH COIL MAY BE INDIVIDUALLY REMOVED WITHOUT DISTURBING THE SURROUNDING COILS. COILS SHALL BE REMOVABLE TO THE DOWNSTREAM SIDE OF THE INSTALLATION INSTEAD OF SLIDING OUT THE SIDE.
- INSTALLATION FOR HEATING COILS IS SIMILAR EXCEPT OMIT DRAIN PANS AND MOISTURE ELIMINATORS.
- DRAIN PANS TO BE CONSTRUCTED OF 18 GA. 304 STAINLESS STEEL. PANS TO BE PITCHED TOWARD THE DRAINS AT 1/8" PER FOOT. ALL JOINTS TO BE WELDED. PANS TO BE INSULATED WITH 1/2" RIGID WATER-PROOF INSULATION.
- CHILLED WATER COIL HEADERS AND CHILLED WATER PIPE IN THE PLENUM ARE TO BE INSULATED WITH 1/2" WATER-PROOF INSULATION.

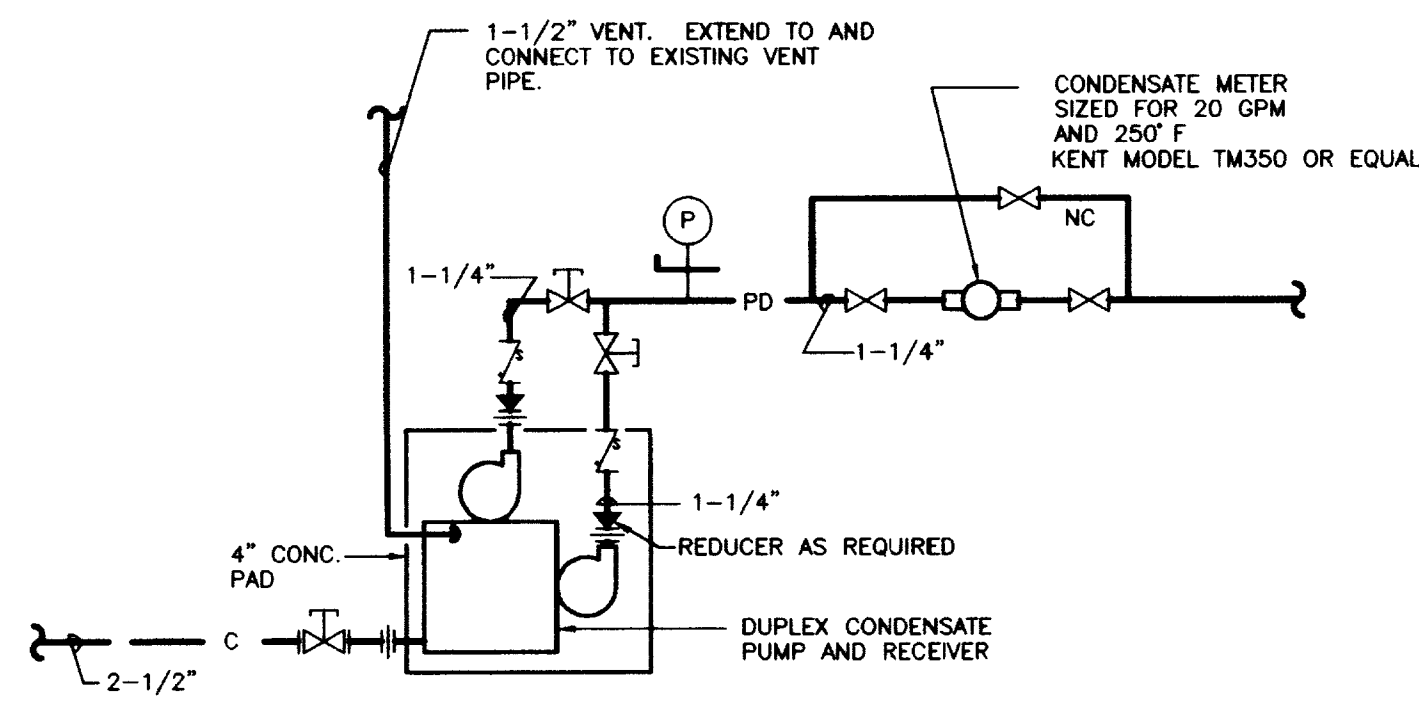


PLAN

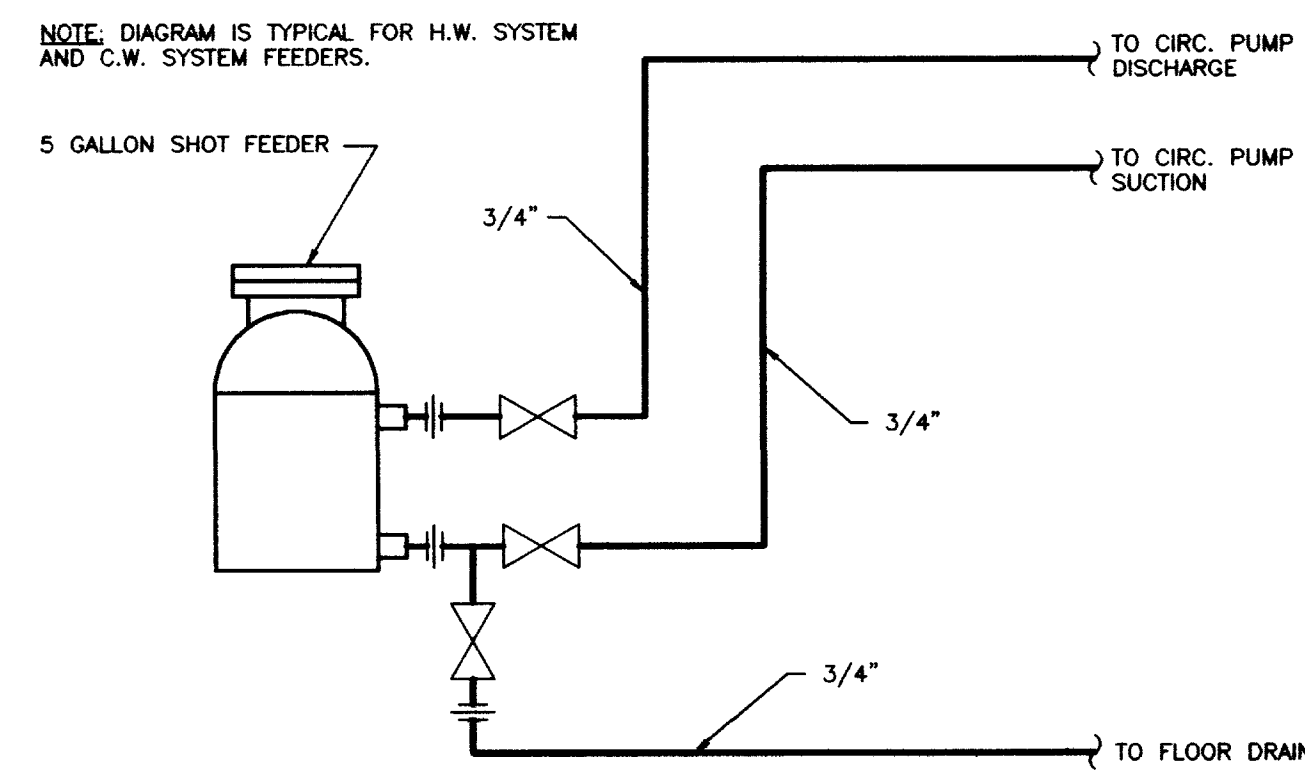
COOLING COIL INSTALLATION DETAILS
NO SCALE



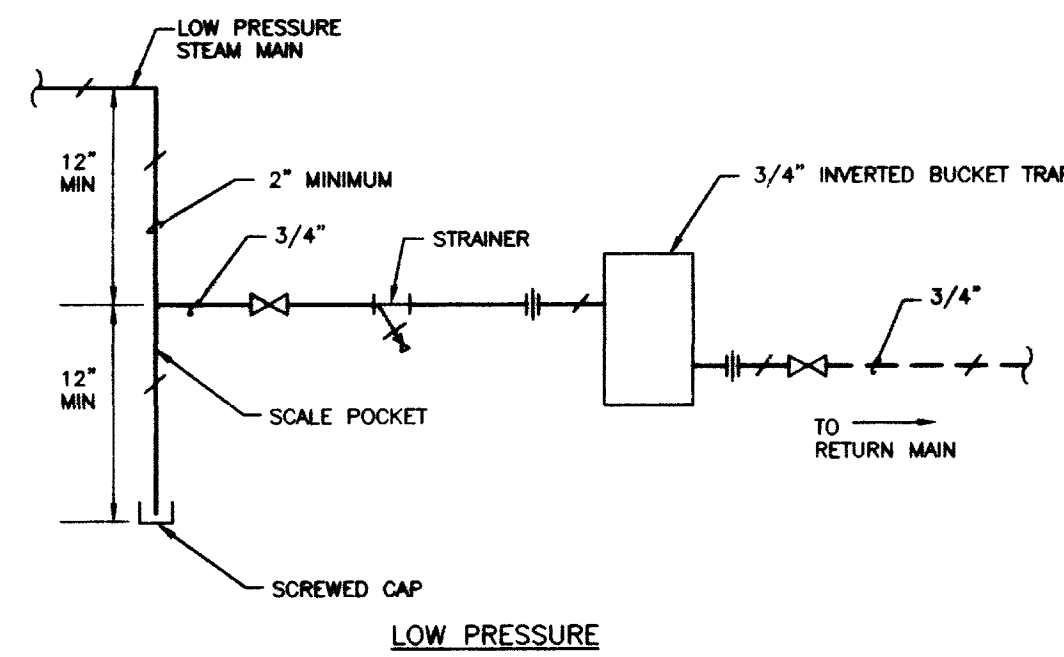
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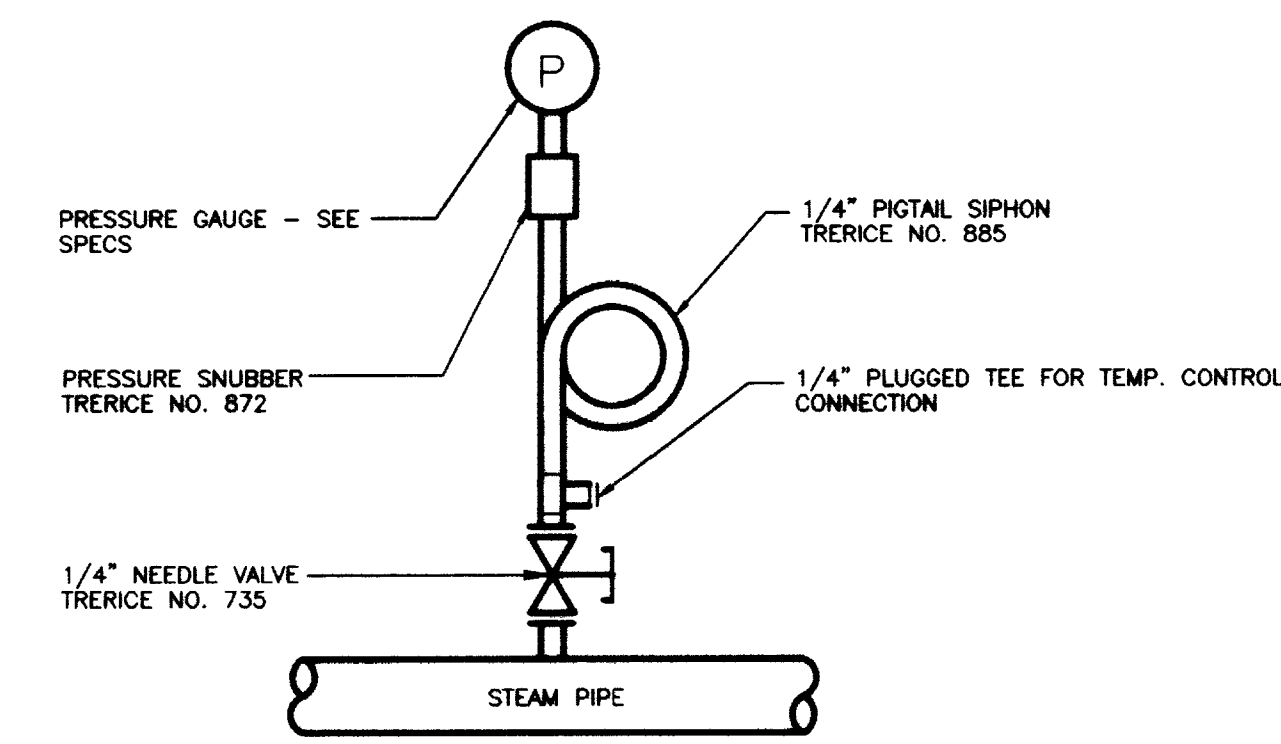
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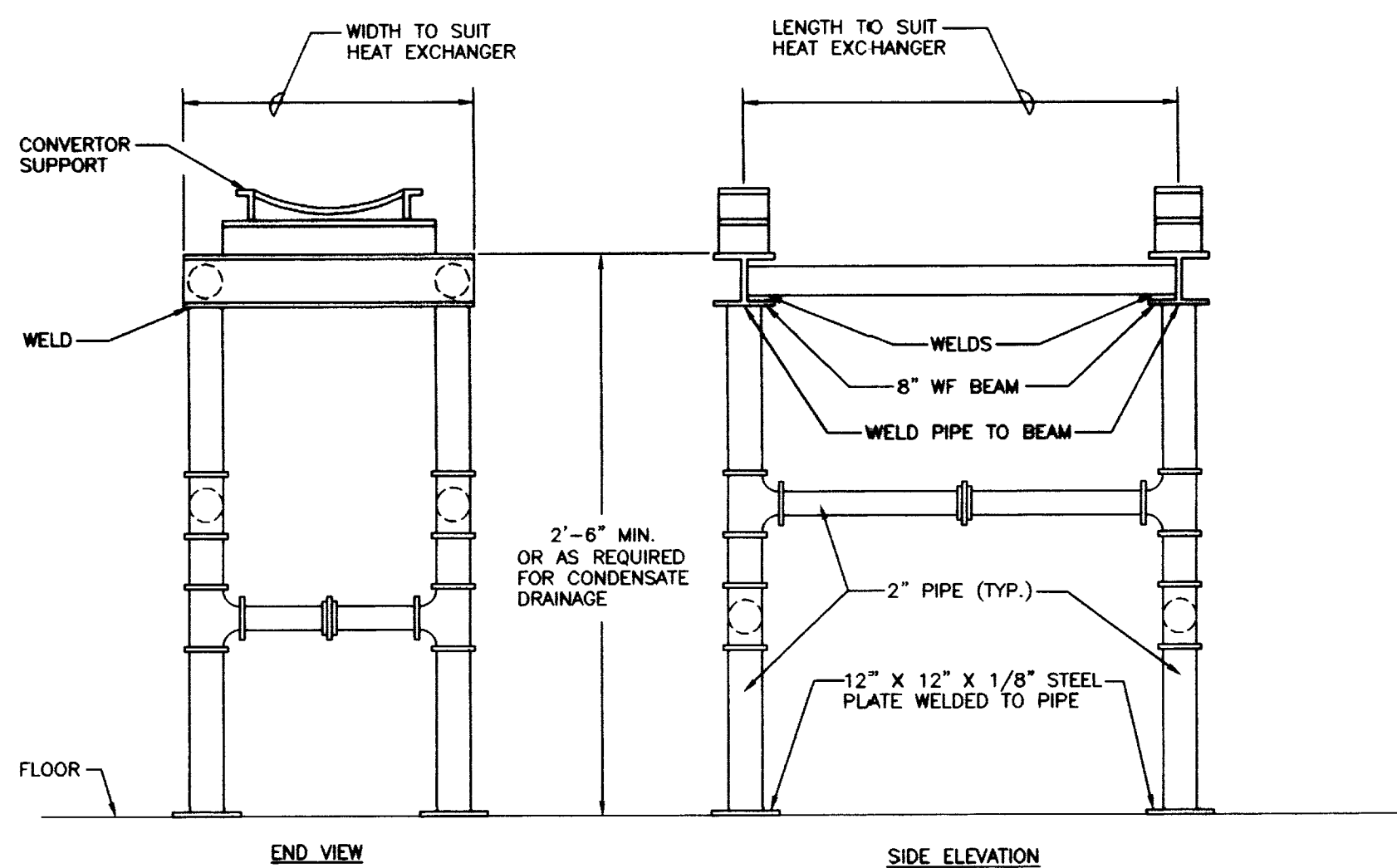
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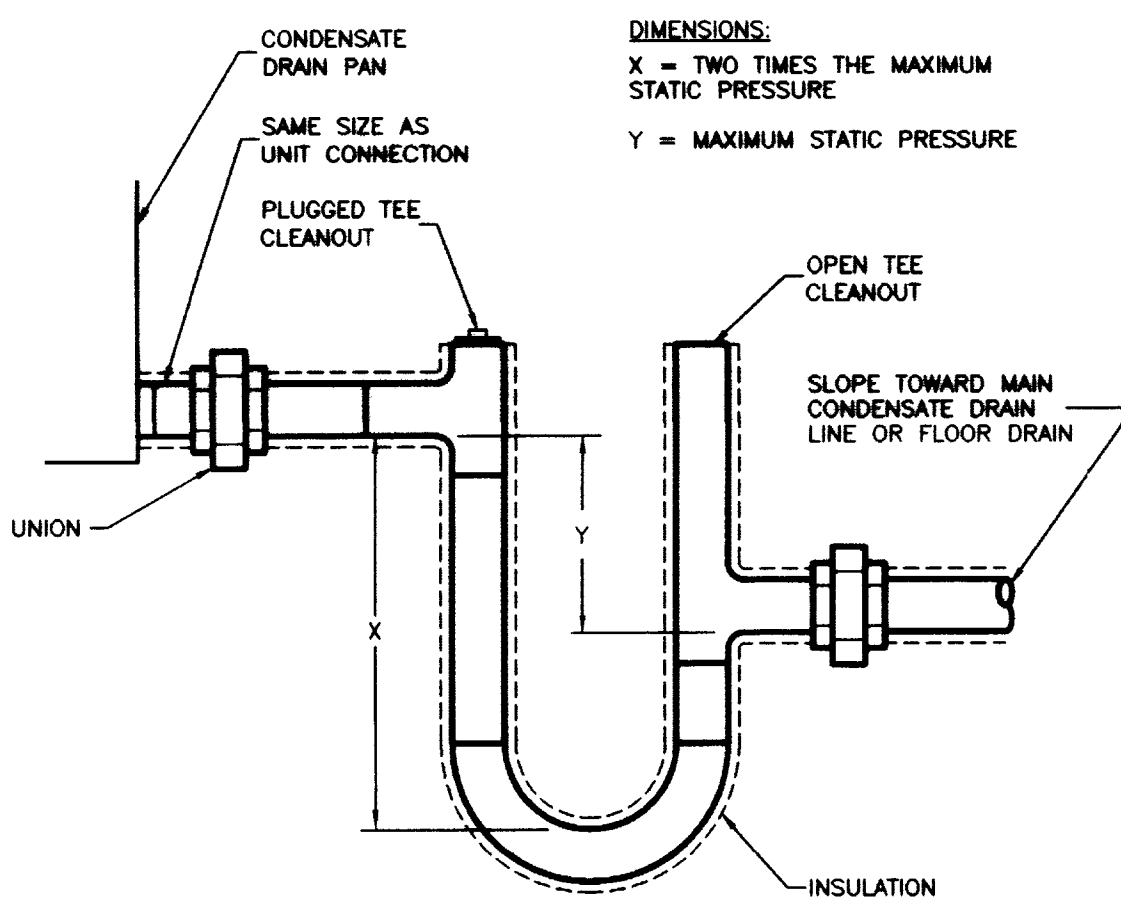
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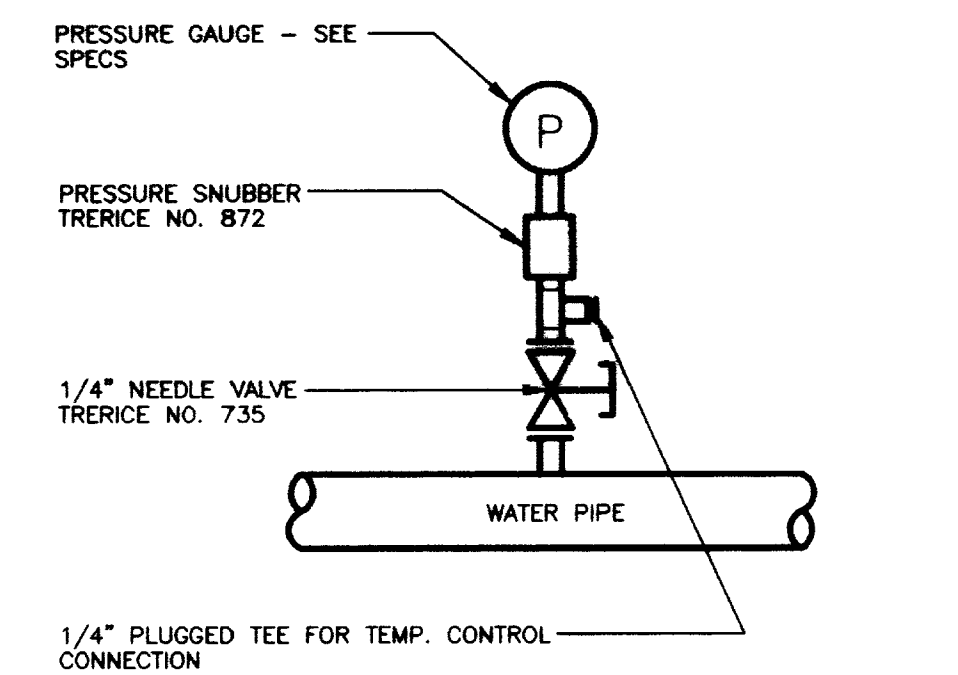
STEAM PRESSURE GAUGE INSTALLATION
NO SCALE



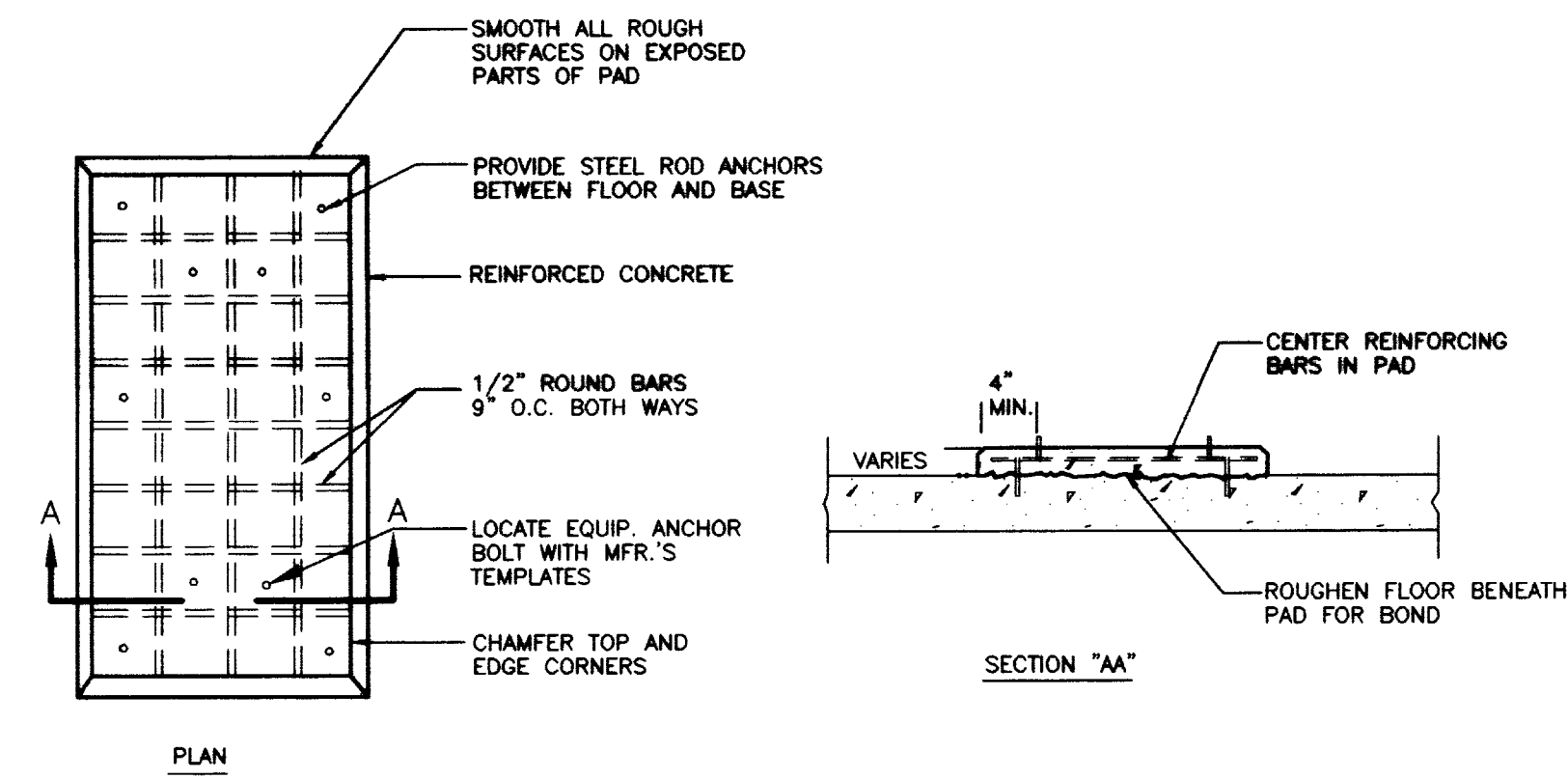
H.W. HEAT EXCHANGER SUPPORT DETAIL
NO SCALE



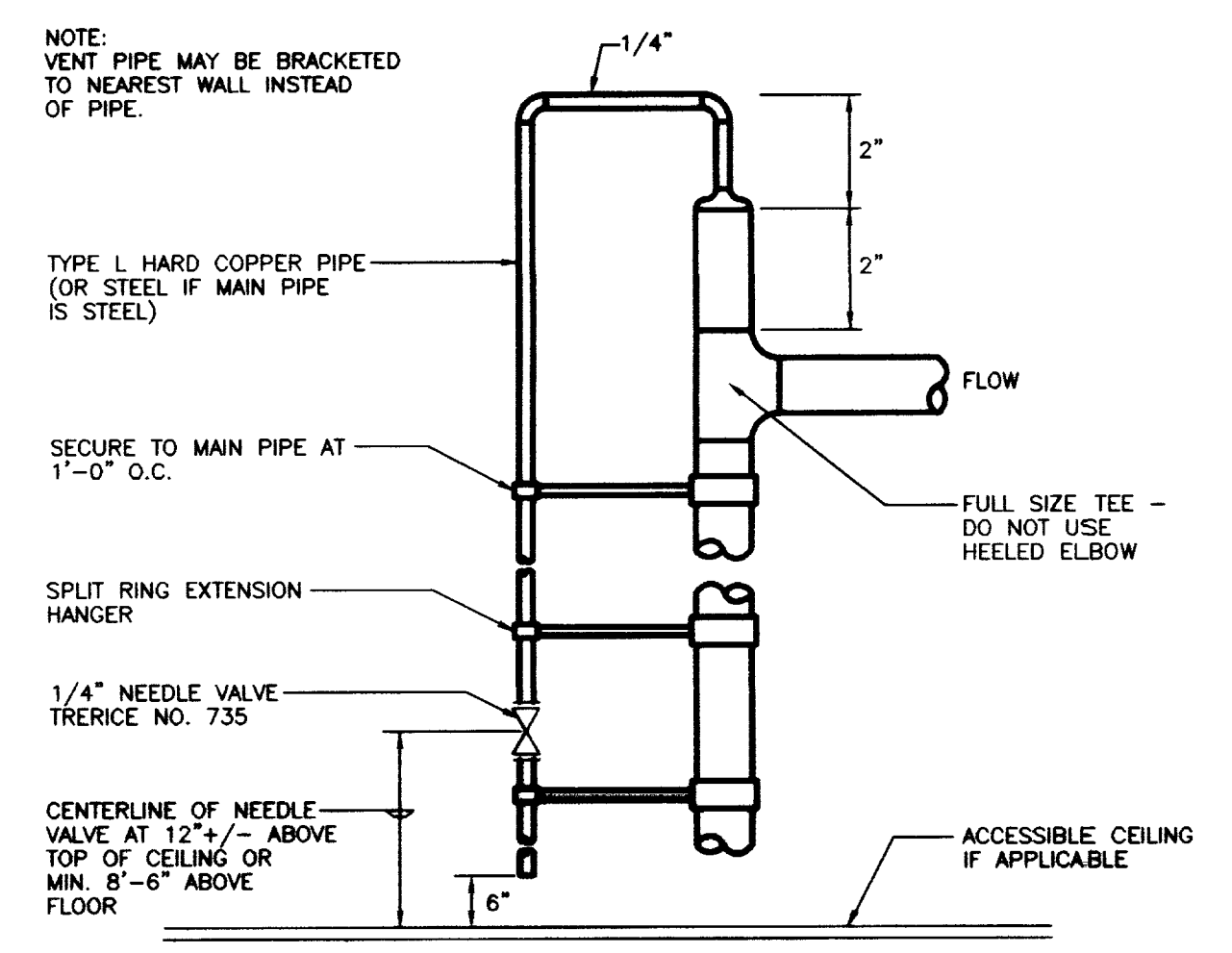
CONDENSATE DRAIN TRAP DETAIL
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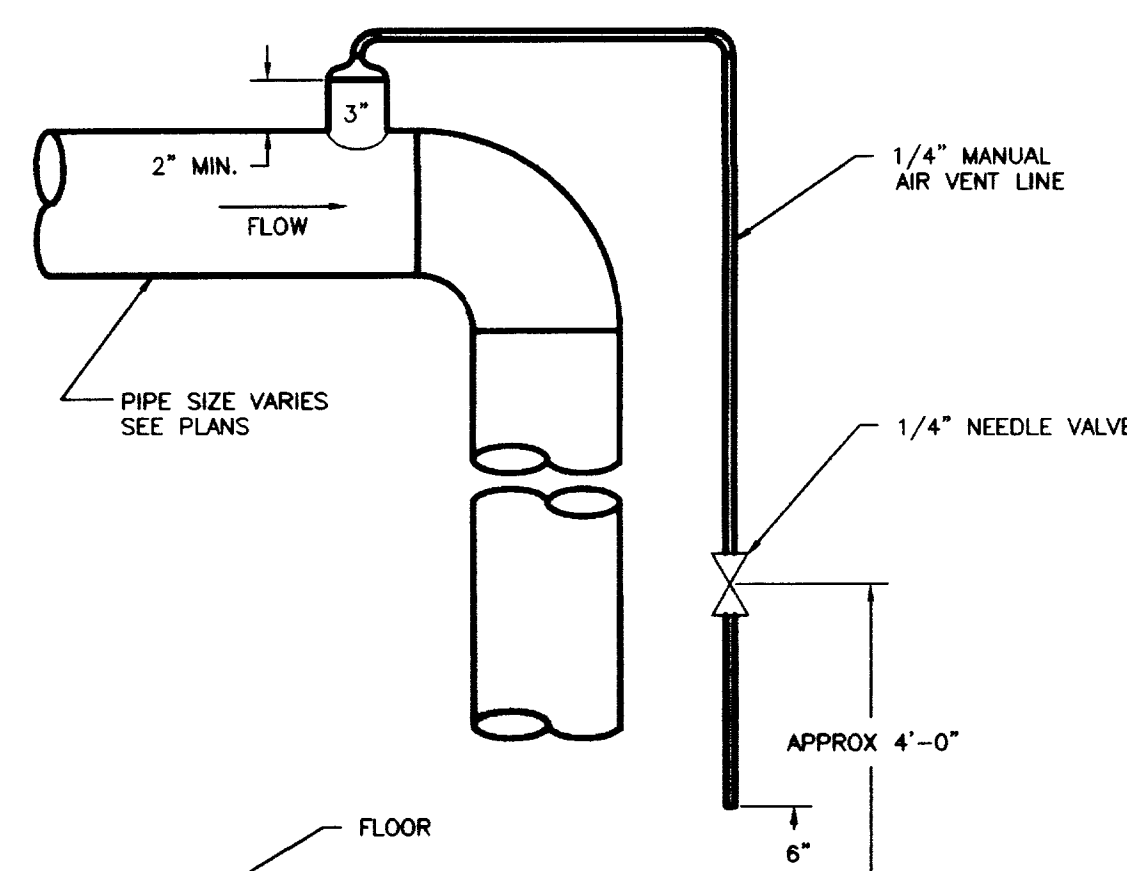
WATER PRESSURE GAUGE INSTALLATION
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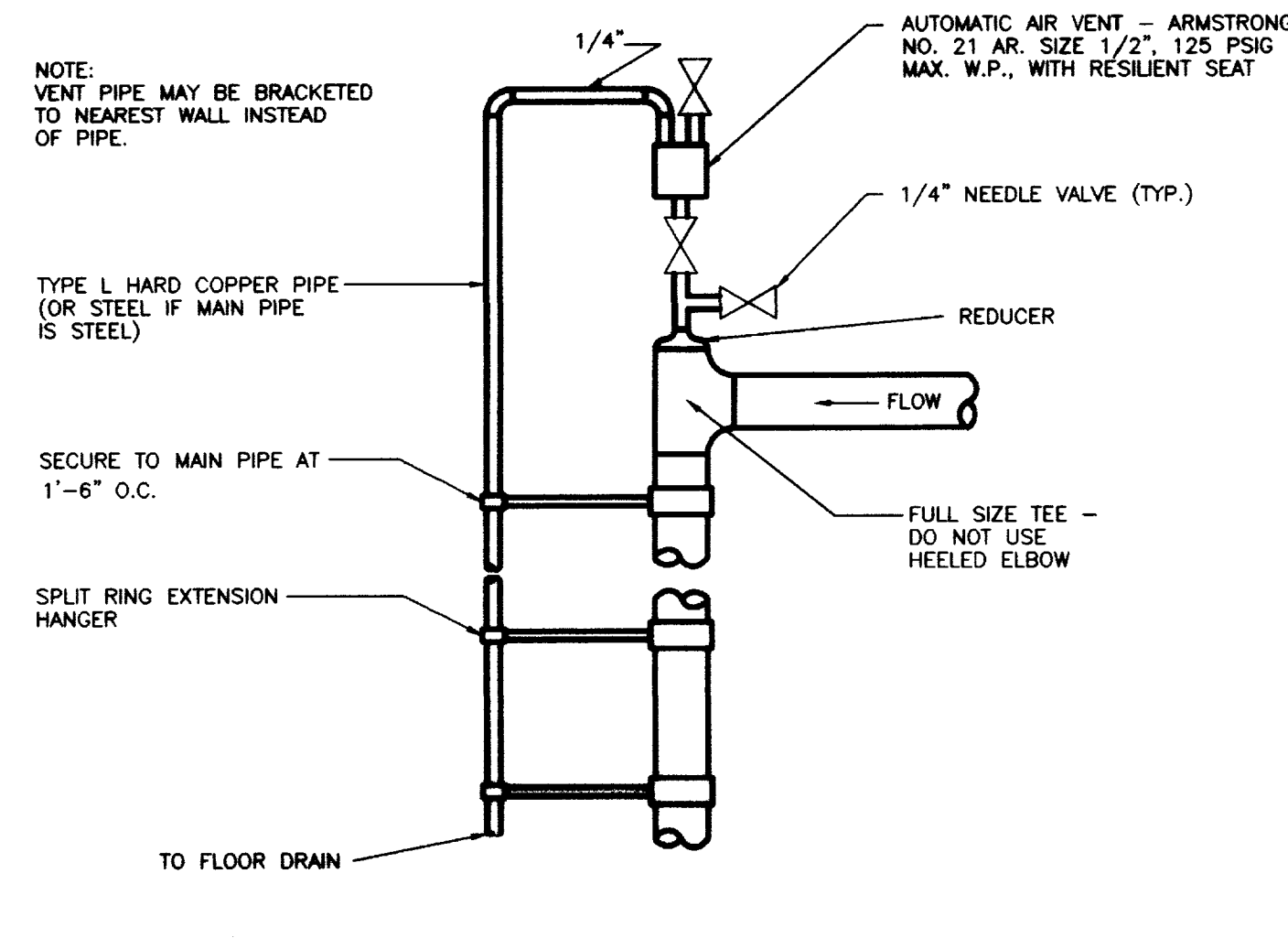
CONCRETE PAD DETAIL
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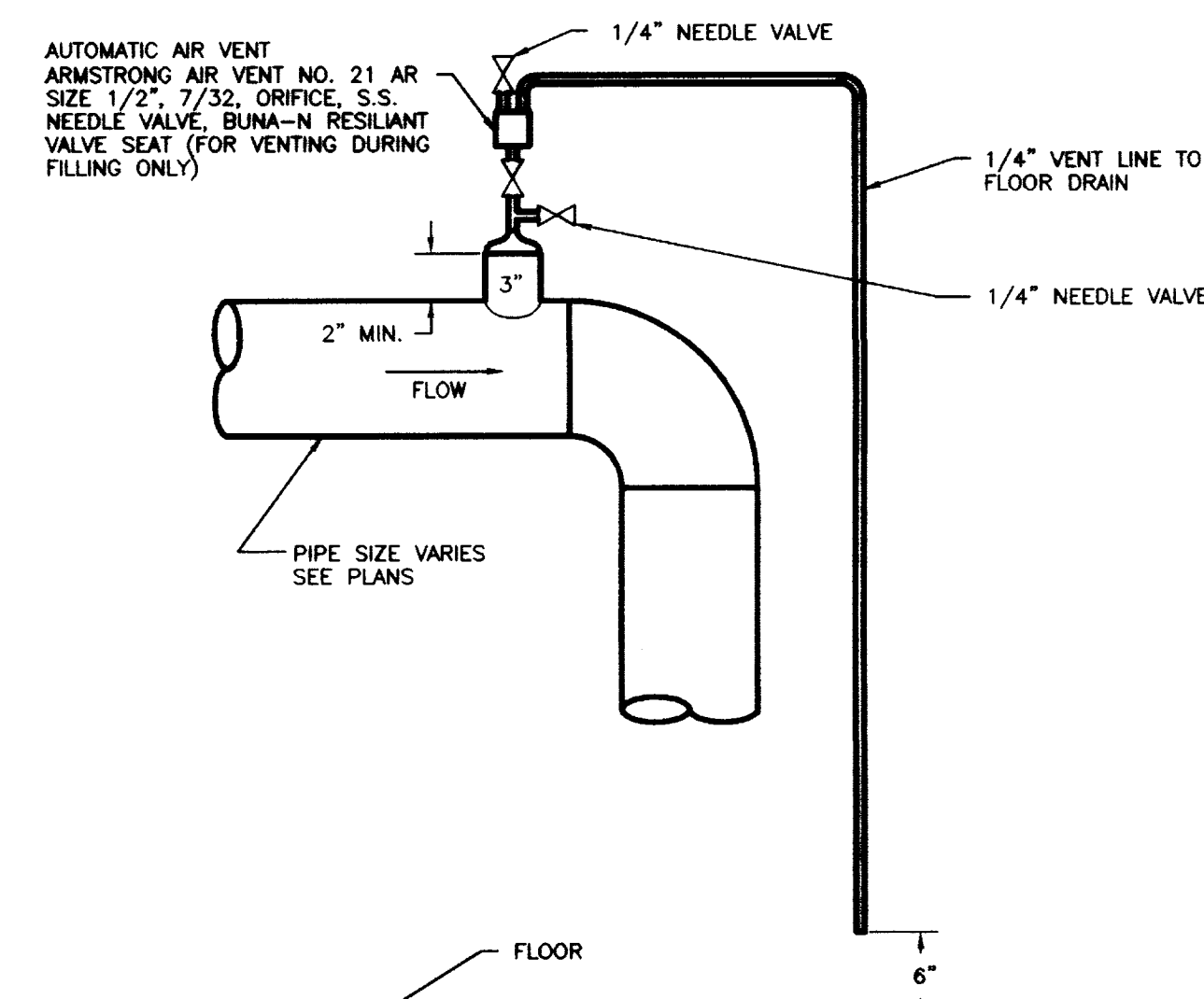
MANUAL AIR VENT DETAIL - PIPES 3" AND SMALLER
NO SCALE



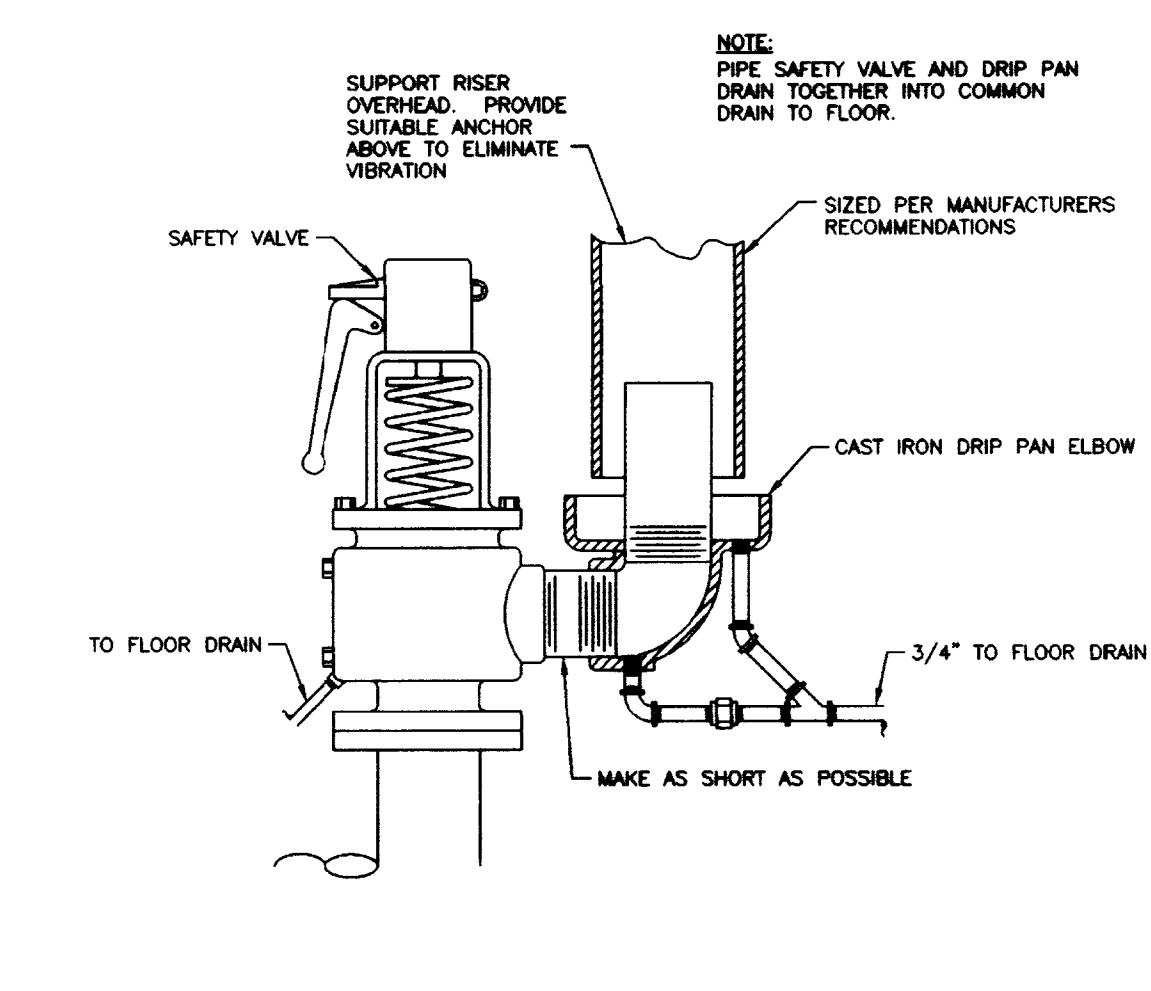
MANUAL AIR VENT DETAIL - PIPES 4" AND LARGER
NO SCALE



AUTOMATIC AIR VENT DETAILS - 3" & SMALLER
NO SCALE



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



DRIP PAN ELBOW INSTALLATION
NO SCALE

RECORD DRAWINGS DATE FEBRUARY 1998
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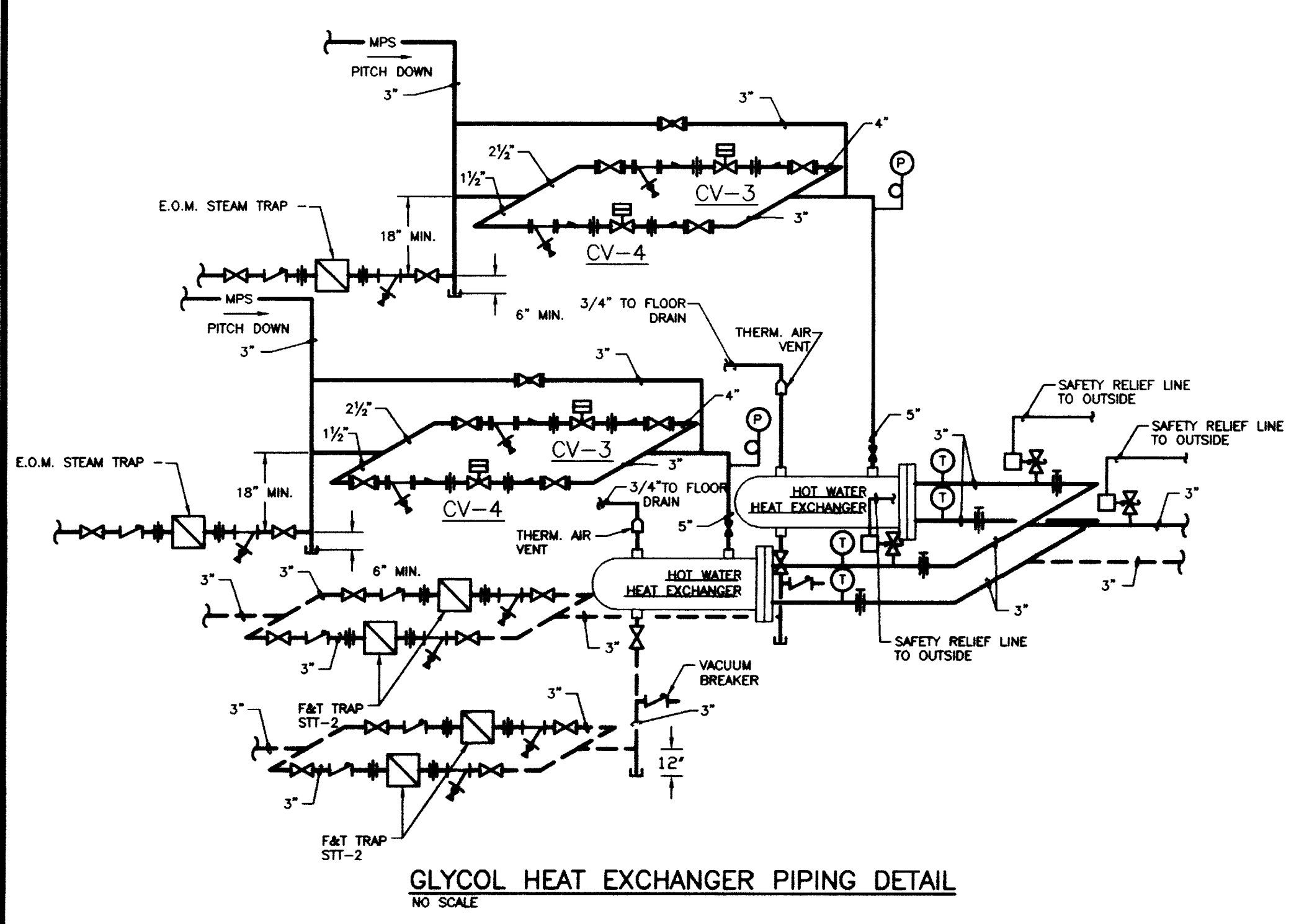
CJM
 CHRISTMAN MILLER WOODFORD INC.
 CONSULTING ENGINEERS
 200 S. MAIN ST. SUITE 200
 LEXINGTON, KY 40502

SF
 Stagg and Fisher
 Consulting Engineers, Inc.
 1000 S. MAIN ST. SUITE 200
 LEXINGTON, KY 40502

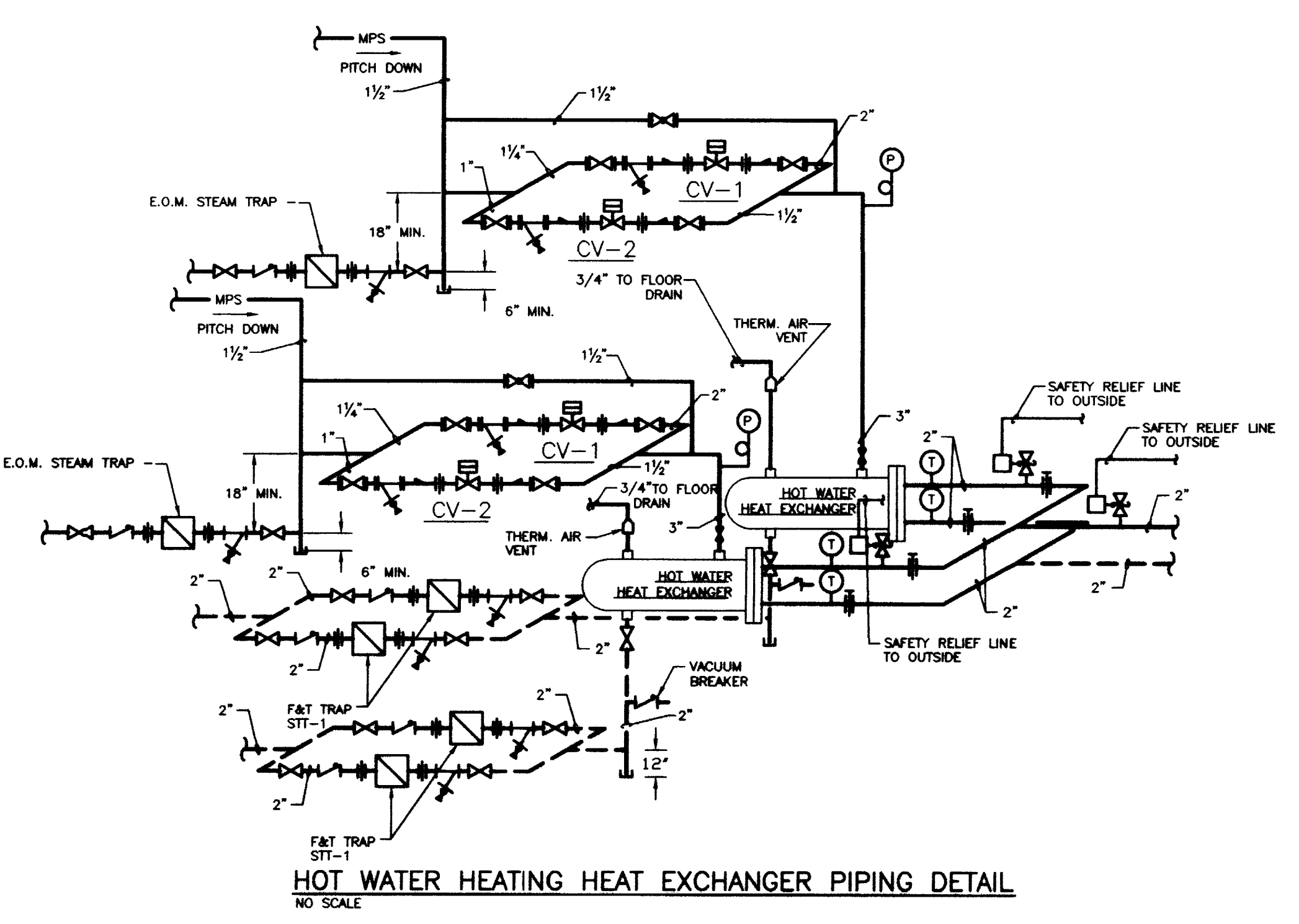
OFFICIAL BID DOCUMENT

HVAC - DETAILS
 Animal Care Shell Fit-up
 University of Kentucky
 Project No. 1627.0

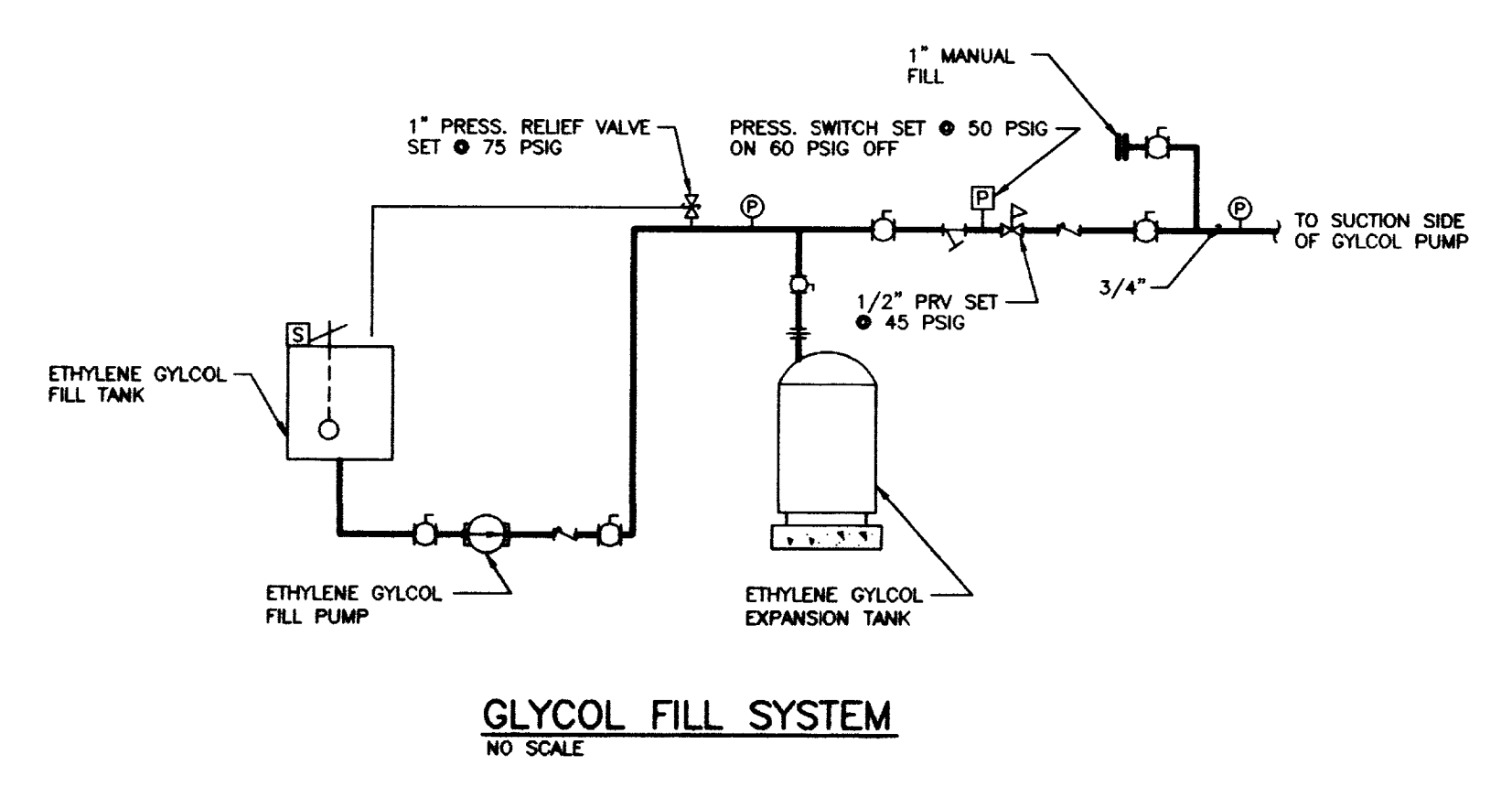
SHT.	PROJECT TITLE
DATE	AUG 1, 1998
DRAWN BY	CHECKED BY
REVISION	
DATE	1 08/07/97
1	
2	
3	
4	
SHEET NUMBER	8.32
PROJECT NUMBER	1627.0



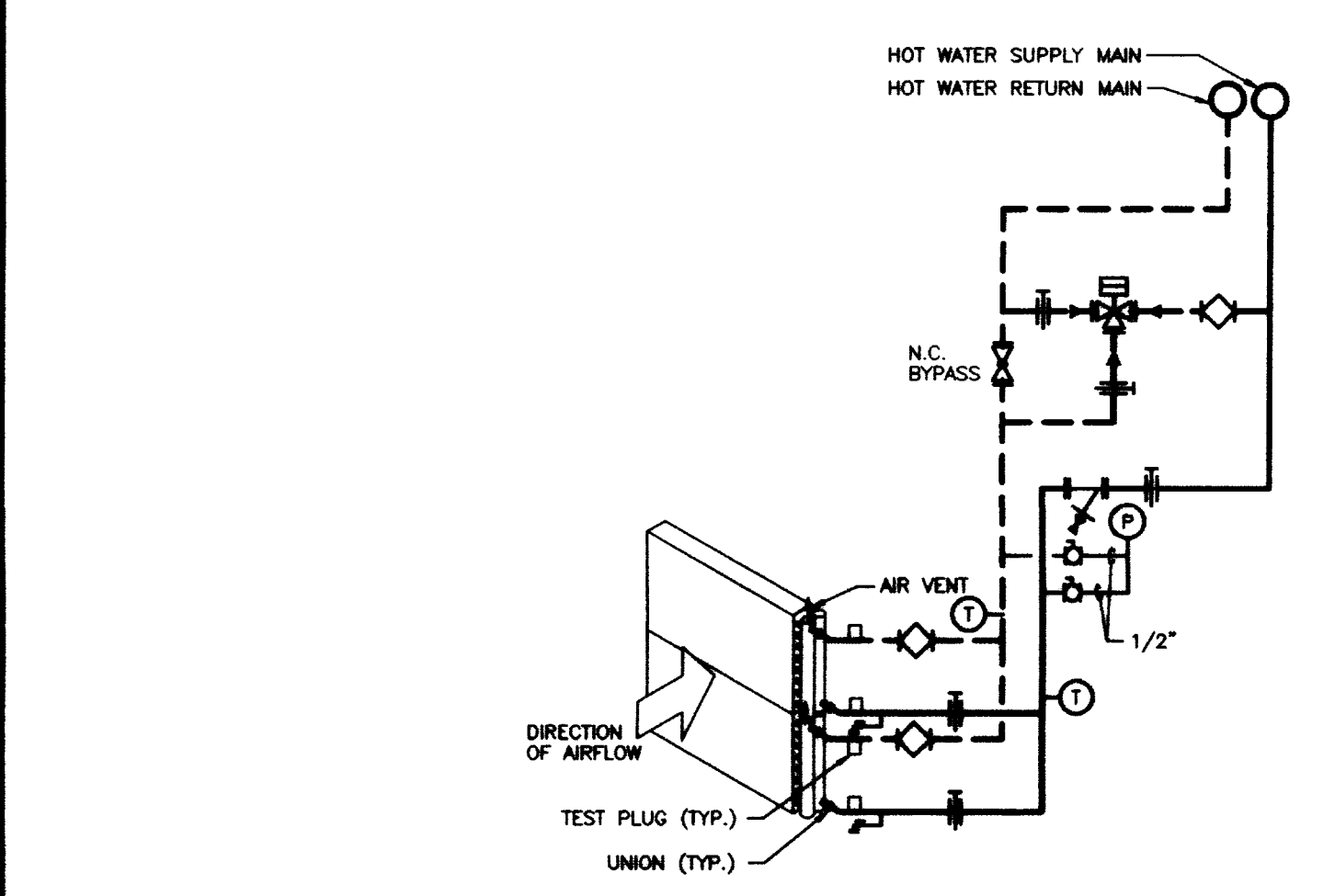
GLYCOL HEAT EXCHANGER PIPING DETAIL
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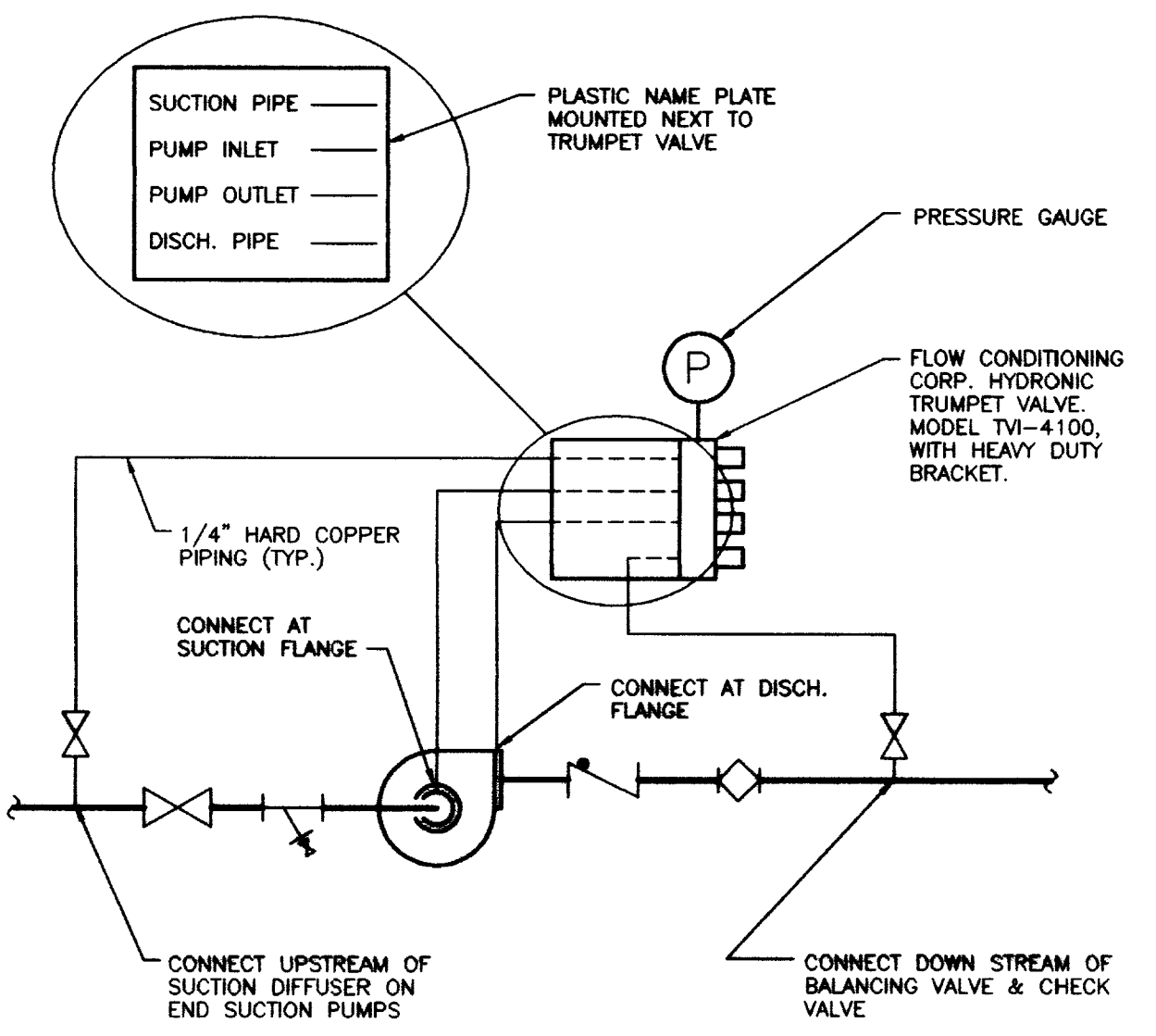
HOT WATER HEATING HEAT EXCHANGER PIPING DETAIL
NO SCALE



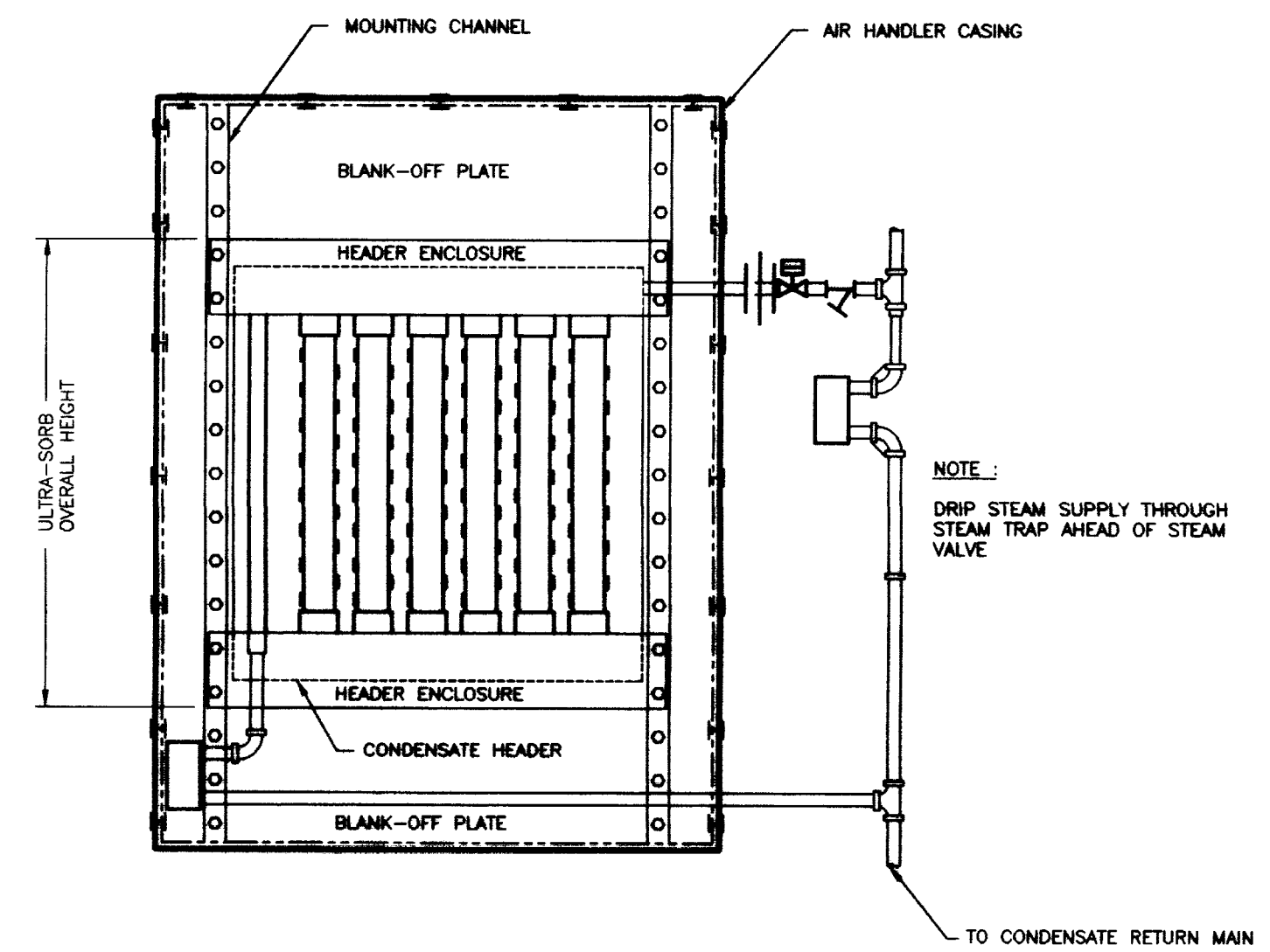
GLYCOL FILL SYSTEM
NO SCALE



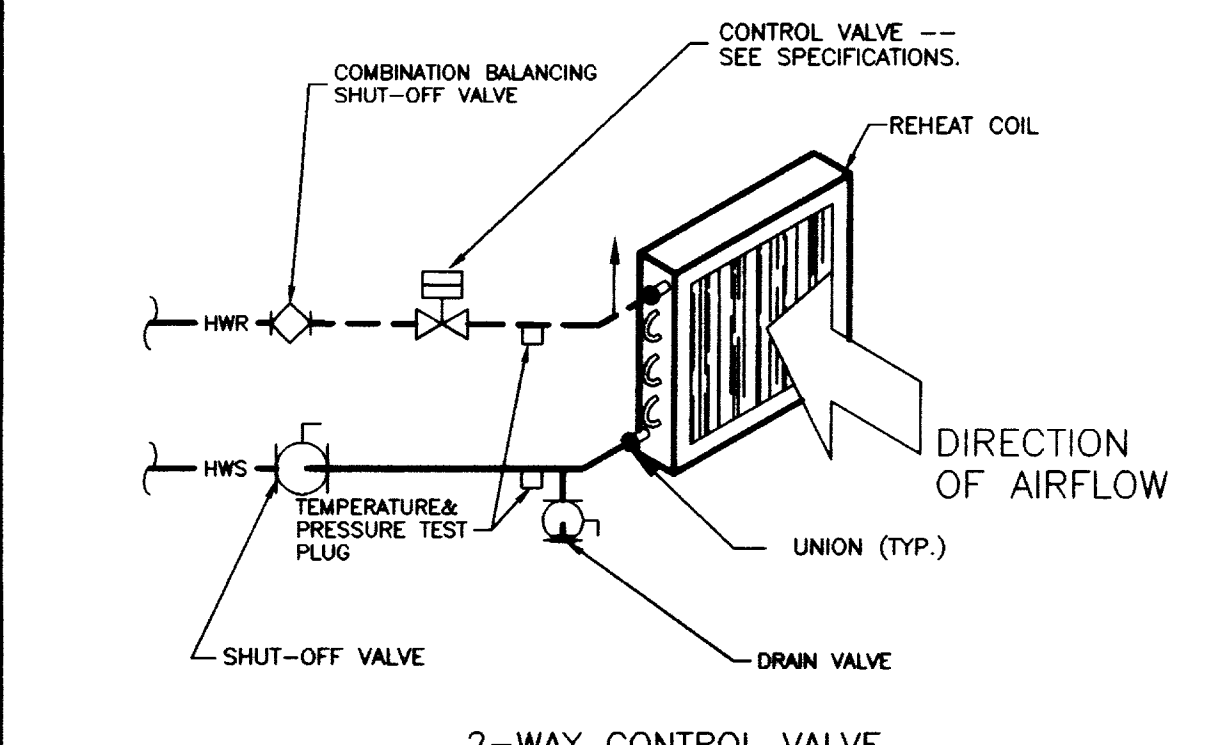
AHU PRE-HEAT/COOL COIL PIPING DETAIL
NO SCALE



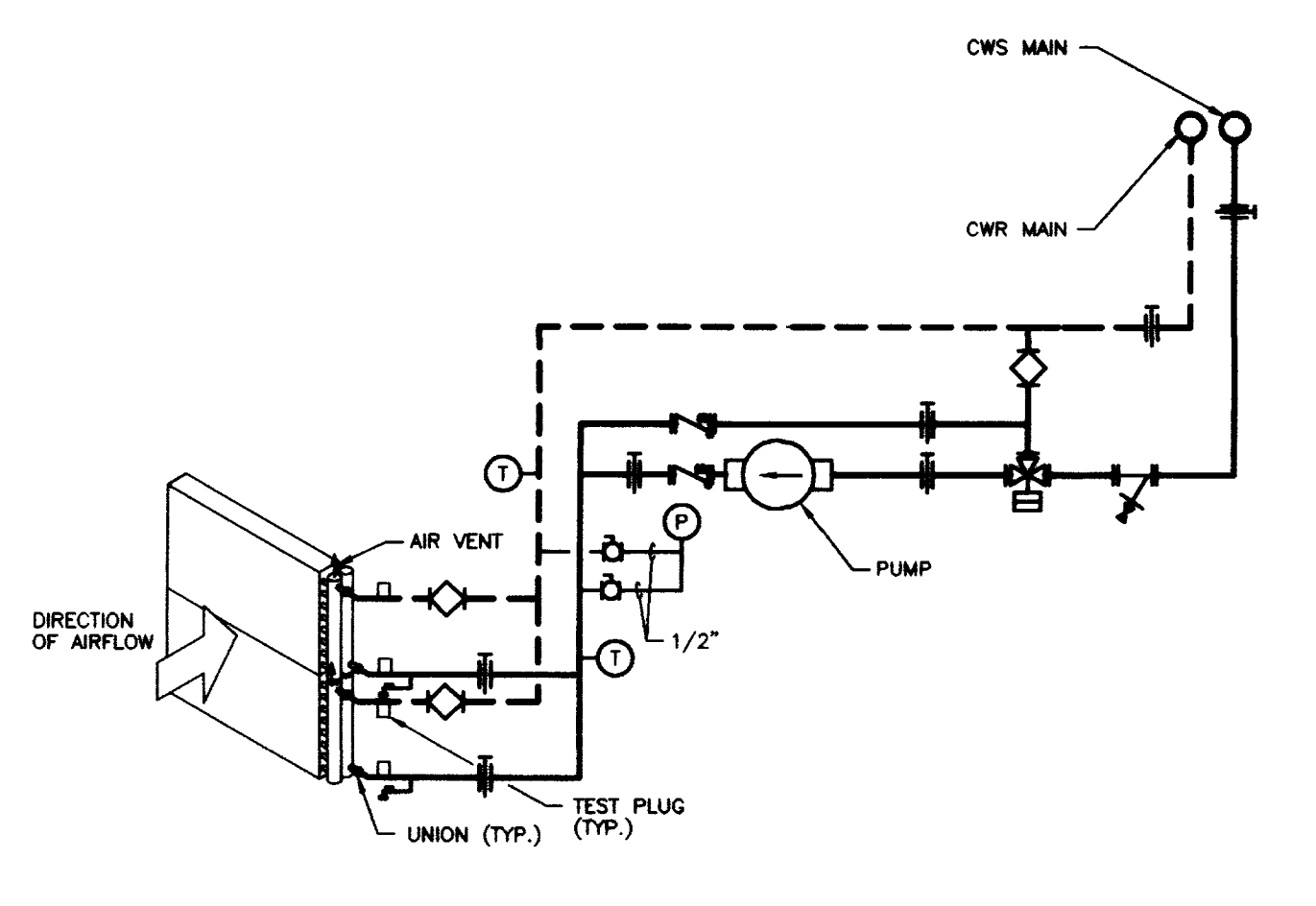
TYPICAL PUMP PRESSURE GAUGE INSTALLATION DETAIL
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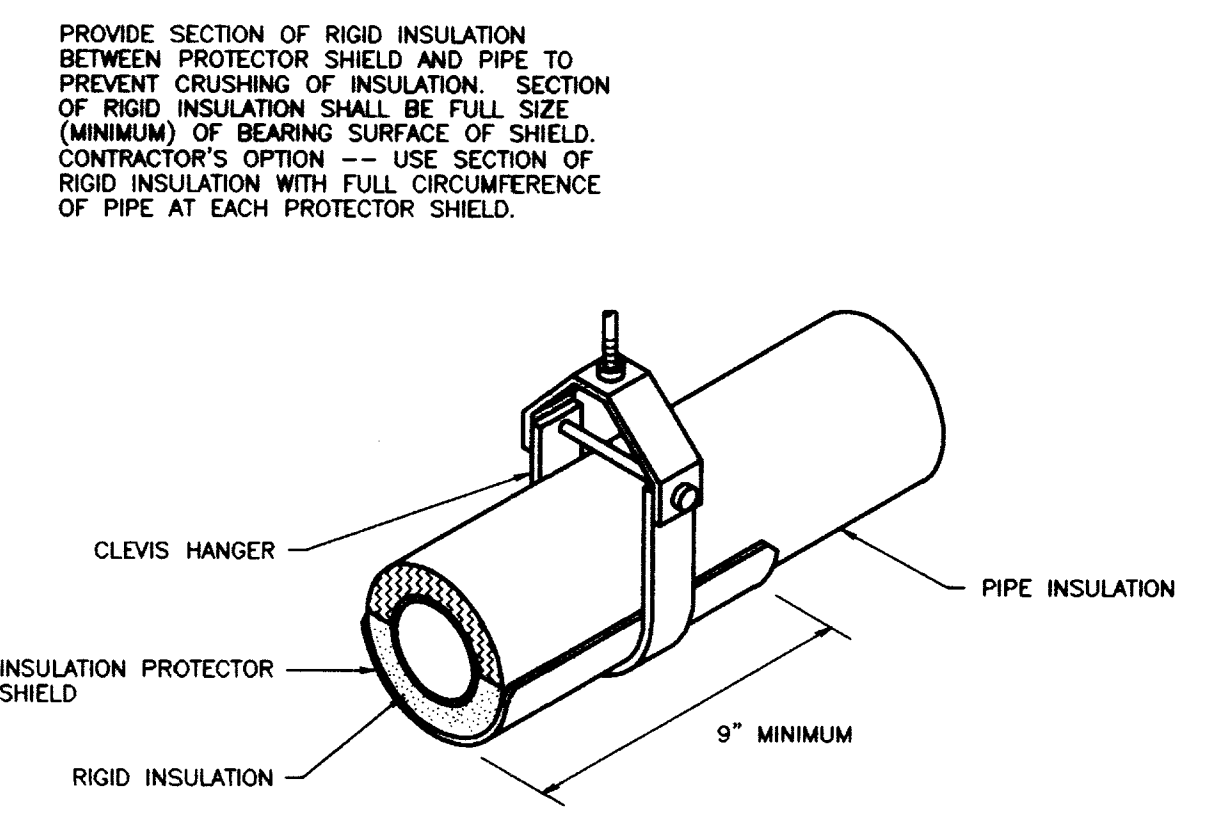
EVAPORATIVE HUMIDIFIER PIPING DETAIL
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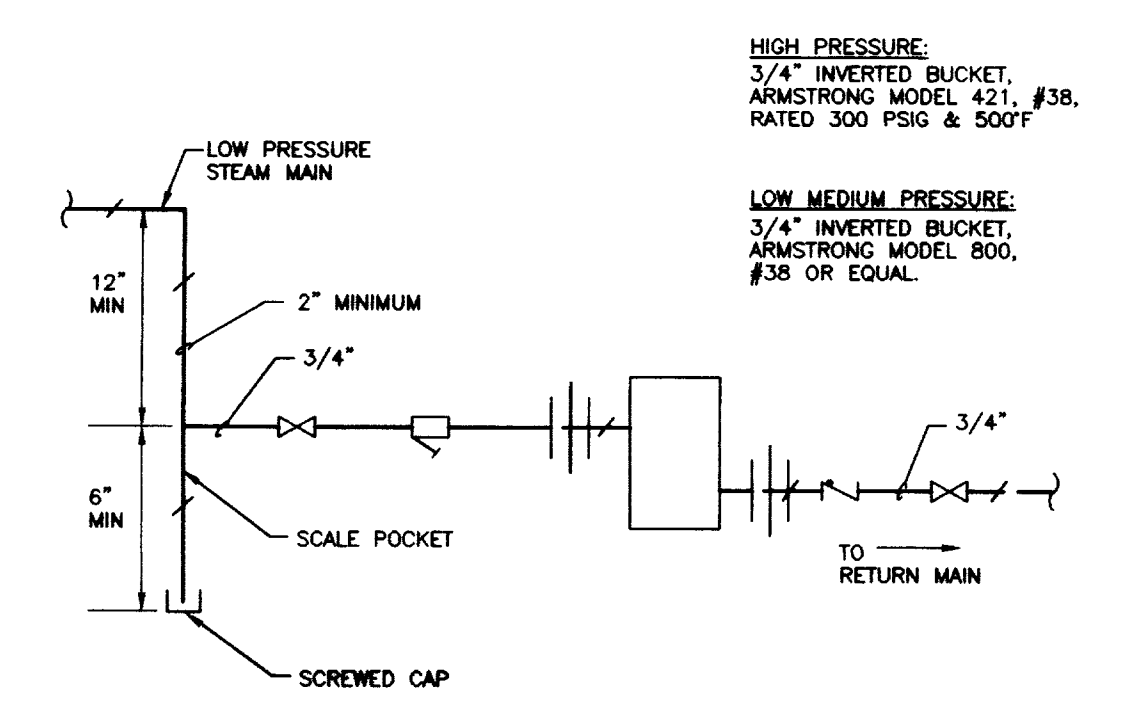
REHEAT COIL PIPING DETAIL
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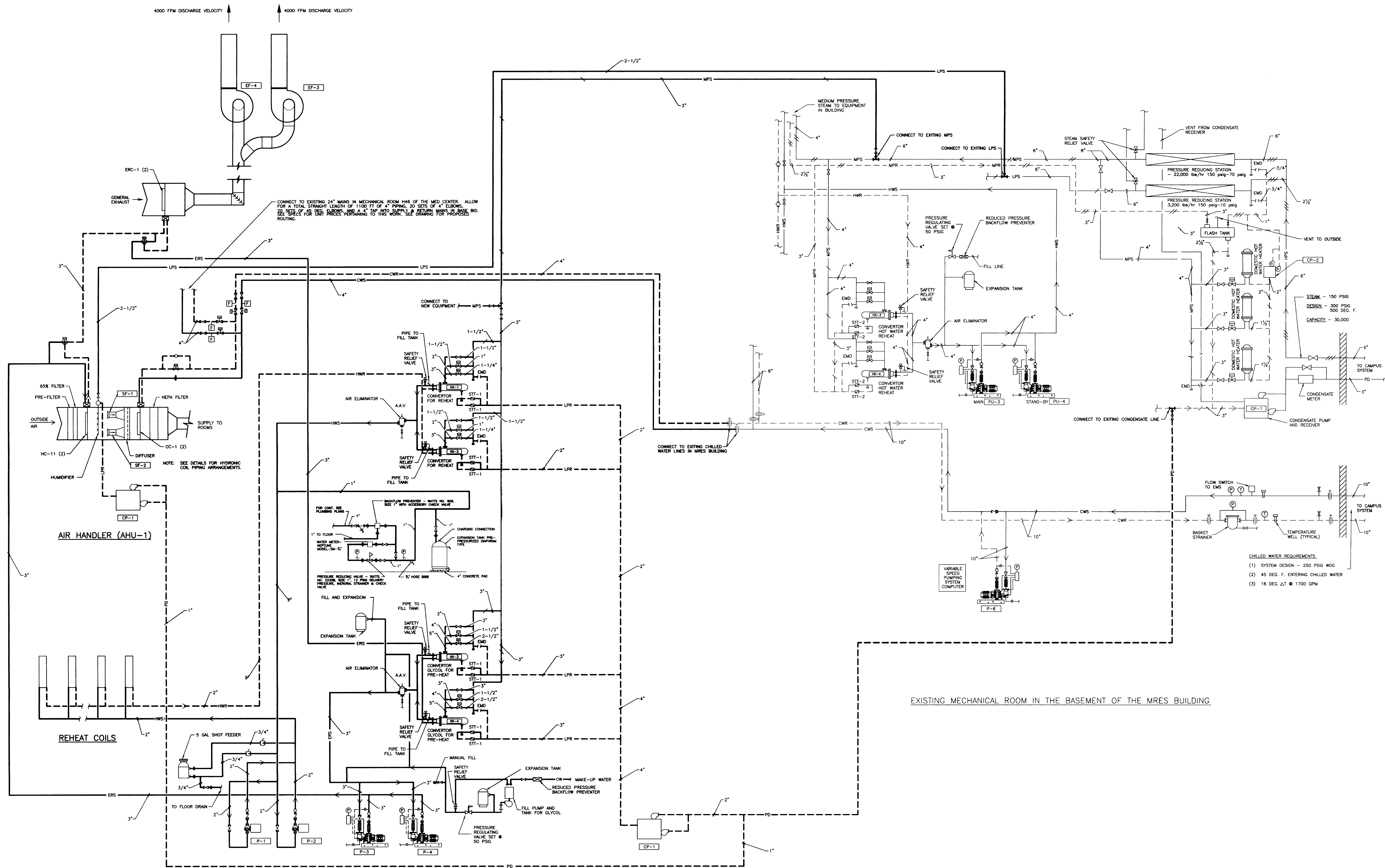
AHU COOLING COIL PIPING DETAIL
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TYP. PIPE SUPPORT DETAIL WITH SHIELD
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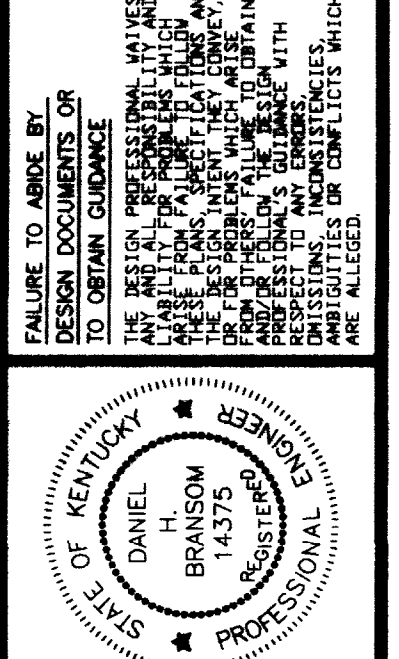
END OF MAIN DRIP DETAIL
NO SCALE



NEW MECHANICAL ROOMS IN THE ANIMAL CARE SHELL SPACE

EXISTING MECHANICAL ROOM IN THE BASEMENT OF THE MRES BUILDING

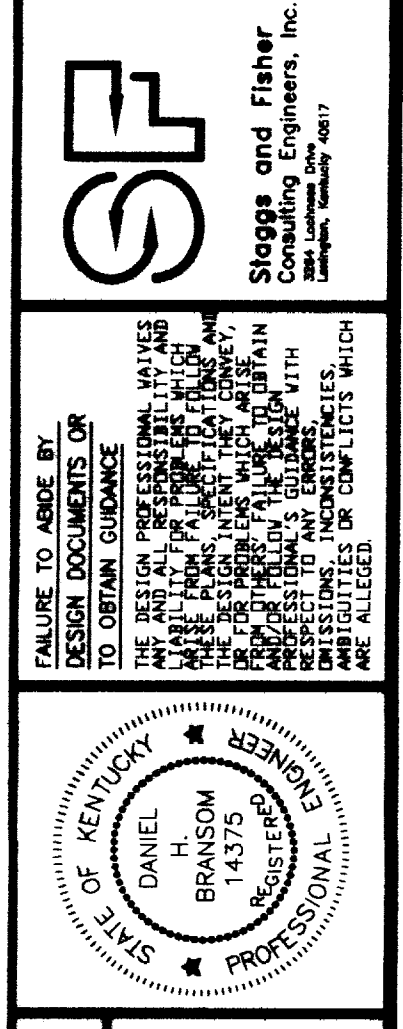
- CHILLED WATER REQUIREMENTS
- (1) SYSTEM DESIGN - 250 PSIG WOG
 - (2) 45 DEG. F. ENTERING CHILLED WATER
 - (3) 16 DEG. ΔT @ 1700 GPM



HVAC - FLOW DIAGRAM
Animal Care Shell Fit-up
University of Kentucky
Project No. 1627.0

DATE: AUG 1 1998	PROJECT TITLE
DRAWN BY: AJL	
CHECKED BY: DHB	
REVISION:	
DATE: 08/07/97	
SHEET NUMBER	
8.34	
PROJECT NUMBER	
1627.0	

RECORD DRAWINGS DATE FEBRUARY 1998
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 STAGGS & FISHER CONSULTING ENGINEERS, INC.



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								
ST-1	COMM. ACOUSTIC	HP	12x12x36	700	700	0.16	-	7	16	24	35	42	28	17	55	50	42	40	41	44	39	36	*4
ST-2	COMM. ACOUSTIC	HP	18x12x36	1100	700	0.16	-	7	16	24	35	42	28	17	55	50	42	40	41	44	39	36	*4
ST-3	COMM. ACOUSTIC	HP	24x18x36	2200	700	0.16	-	7	16	24	35	42	28	17	55	50	42	40	41	44	39	36	*4
ST-4	IAC	127xL36	127ROUND X36	2200	-2800	0.12	5	8	18	18	7	8	5	4	20	33	37	39	36	31	20	20	*1
ST-5	COMM. ACOUSTIC	HP	12x12x36	700	700	0.16	-	7	16	24	35	42	28	17	55	50	42	40	41	44	39	36	*3
ST-6	COMM. ACOUSTIC	HP	18x12x36	1100	700	0.16	-	7	16	24	35	42	28	17	55	50	42	40	41	44	39	36	*3
ST-7	COMM. ACOUSTIC	HP	24x18x36	2200	700	0.16	-	7	16	24	35	42	28	17	55	50	42	40	41	44	39	36	*3
ST-8	COMM. ACOUSTIC	HP-MD	129x36	400	533	0.06	-	6	9	15	21	20	16	14	52	48	42	39	41	43	37	32	*3
ST-9	COMM. ACOUSTIC	HP-MD	18x11x36	700	572	0.06	-	6	9	15	21	20	16	14	52	48	42	39	41	43	37	32	*3
ST-10	COMM. ACOUSTIC	HP-MD	29x11x36	1100	497	0.06	-	6	9	15	21	20	16	14	52	48	42	39	41	43	37	32	*3
ST-11	COMM. ACOUSTIC	HP-MD	36x11x36	1600	582	0.06	-	6	9	15	21	20	16	14	52	48	42	39	41	43	37	32	*3
ST-12	COMM. ACOUSTIC	HP	27x15x36	1975	700	0.16	-	7	16	24	35	42	28	17	55	50	42	40	41	44	39	36	*4
ST-13	COMM. ACOUSTIC	HP	36x15x36	2625	700	0.16	-	7	16	24	35	42	28	17	55	50	42	40	41	44	39	36	*4
ST-14	IAC	*5	*5	---	---	---	---	2	9	15	18	17	14	10	---	---	---	---	---	---	---	---	*5
ST-15	COMM. ACOUSTIC	SP	14x14x36	950	700	0.06	-	5	12	18	24	33	23	14	51	42	34	31	33	28	24	29	*3
ST-16	COMM. ACOUSTIC	SP	12x12x36	700	700	0.06	-	5	12	18	24	33	23	14	51	42	34	31	33	28	24	29	*3
ST-17	COMM. ACOUSTIC	SP	26x16x36	2022	700	0.06	-	5	12	18	24	33	23	14	51	42	34	31	33	28	24	29	*3
ST-18	COMM. ACOUSTIC	HP	100x46x60	21600	471	0.12	-	12	26	40	57	60	46	27	55	50	42	40	41	44	39	36	*3

- *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 STAINLESS STEEL CONSTRUCTION.
- *4 GALVANIZED STEEL CONSTRUCTION, ACOUSTICAL FILL.
- *5 MANUFACTURERS SOUND TRAP SIZED FOR BUFFALO MODEL 3889 EXHAUST FAN. STAINLESS STEEL CONSTRUCTION, NYLAR ENCASED FILL.

AIR FILTER														
SYMBOL	MFR.	MODEL	TYPE	DIM. WxH	CFM	FACE VELOCITY	INITIAL S.P.		FINAL S.P.		FILTER SIZE	ASHRAE EFFICIENCY	REMARKS	
							(IN W.G.)	(IN W.G.)	(IN W.G.)	(IN W.G.)				
FF-1	ANF	AM-AR01	* 2	10'x4'	19313	482	0.43	1.0	1.0	10-24X24	25-30E	* 1		
FF-2	ANF	VANDEL	* 3	10'x4'	19313	482	0.65	1.2	1.2	10-24X24	99-95E	* 1		
FF-1	ANF	ASTROCEL HCX	* 4	8'x8'	19313	482	1.4	2.5	2.5	10-24X24	99.97E	* 4		
FF-2	ANF	BAG IN/BAG OUT	* 5	4'x4'	6000	375	2.0	3.5	3.5	4-24X24	99.97E	* 5		

- *1 PROVIDE FACTORY GASKETED, REAR SERVICED FILTER HOUSING.
- *2 PLEATED PREFILTER, CLASS 1, 2" THICK.
- *3 PLEATED SECONDARY PREFILTER FILTER, CLASS 1, 12" THICK.
- *4 PROVIDE FACTORY GASKETED, REAR SERVICED HOUSING.
- *5 HIGH CAPACITY HEPA FILTER, WITH SIDE ACCESS HOUSING.
- *6 HIGH CAPACITY HEPA FILTER BAG IN/ BAG OUT SIDE ACCESS HOUSING. PROVIDE UNIT WITH AMAIR 300K - 2" 30%, AND VANEL 6 65% PREFILTERS. FINAL FILTER TO BE ASTROCEL HCX HEPA, 99.97% EFF. HOUSING TO BE WEATHER TIGHT AND DESIGNED FOR OUTDOOR INSTALLATION.

COOLING COILS																	
SYMBOL	MFR.	MODEL NO.	ROWS	F.P.I.	CFM	VEL. FPM	A.P.D.		E.A.T.		GPM	EWT	LWT	WATER P.D. FT.	DIM. W X H	REMARKS	
							(IN W.G.)	(IN W.G.)	(IN W.G.)	(IN W.G.)							
CC-1	MCQUAY	5WS1008B	10	8	21600	471	0.85	95	77	53.5	53.3	204	43	60.4	18	100X33	*1
ERC-1	MCQUAY	5WL1010B	10	10	21600	514	1.01	75	58	46.8	45.8	106	36.7	50.5	13.2	72x84	*2

- *1 2 COILS HIGH IN ANIMAL CARE AIR HANDLER.
- *2 2 COILS HIGH IN ANIMAL CARE ENERGY RECOVERY UNIT.

HEATING COILS																
SYMBOL	MFR.	MODEL NO.	ROWS	F.P.I.	TOT. CAP. MBH	CFM	VEL. FPM	A.P.D.		E.A.T.		GPM	W.P.D. FT.	EWT	DIM. WxH	REMARKS
								(IN W.G.)	(IN W.G.)	(IN W.G.)	(IN W.G.)					
HC-1	MCQUAY	5BS0801H	1	8	13.9	400	400	0.09	55	87	1.0	0.1	180	12X12		
HC-2	MCQUAY	4BS0802H	2	8	23.9	400	400	0.09	55	109.7	2.0	3.8	180	12X12		
HC-3	MCQUAY	5BS0801H	1	8	18.6	700	560	0.15	55	79.4	1.0	0.2	180	15X12		
HC-4	MCQUAY	5BS1002B	2	10	34.6	700	560	0.22	55	100.1	2.0	1.5	180	15X12		
HC-5	MCQUAY	4BS0601H	1	6	22.2	1100	502	0.07	55	73.4	1.0	1.0	180	21X15		
HC-6	MCQUAY	4BS0802H	2	8	50.2	1100	502	0.18	55	96.8	2.0	6.8	180	21X15		
HC-7	MCQUAY	4BS0701H	1	7	37.7	1600	568	0.10	55	76.5	2.0	3.8	180	27X15		
HC-8	MCQUAY	5BS1002	2	10	74.6	1600	568	0.22	55	97.6	3.0	5.0	180	27X15		
HC-9	MCQUAY	5BS0801H	1	8	57.1	2200	586	0.17	55	78.7	2.0	1.6	180	36X15		
HC-10	MCQUAY	5BS1002B	2	10	101.5	2200	586	0.24	55	97.2	4.0	10.7	180	36X15		
HC-11	MCQUAY	5WL1010B	10	10	150.15	21600	471	0.81	-10	53.5	106.1	4.6	65	100X33	*1	
HC-12	MCQUAY	5BS0801H	1	8	18.6	700	560	0.15	55	79.4	1.0	0.2	180	16X11		
HC-13	MCQUAY	5BS1002B	2	10	34.6	700	560	0.22	55	100.1	2.0	1.5	180	16X11		
HC-14	MCQUAY	4BS0601H	1	6	22.2	1100	502	0.07	55	73.4	1.0	1.0	180	29X11		
HC-15	MCQUAY	4BS0802H	2	8	50.2	1100	502	0.18	55	96.8	2.0	6.8	180	29X11		
HC-16	MCQUAY	4BS0701H	1	7	37.7	1600	568	0.10	55	76.5	2.0	3.8	180	36X11		
HC-17	MCQUAY	5BS1002	2	10	74.6	1600	568	0.22	55	97.6	3.0	5.0	180	36X11		

- *1 2 COILS HIGH IN ANIMAL CARE AIR HANDLER.

4TH FLOOR - VAR. VOLUME TERMINAL REHEAT UNITS														
SYMBOL	MFR.	MODEL	MAXIMUM CFM RANGE	NC	INLET SIZE	HEATING COIL	CONTROL VALVE NO.	SOUND TRAP NO.	DUCT SIZE **	REMARKS				
											VW-6	PHOENIX	MV	250
VW-10	PHOENIX	MV	900	61	10"	HC-6	2-WAY	ST-2	18X12					
VW-12	PHOENIX	MV	1400	63	12"	HC-8	2-WAY	ST-3	24X18					
VW-210	PHOENIX	MV	1800	65	14"	HC-8	2-WAY	ST-3	24X18					
SA-5	TEMPMASTER	V-2	275	48	5"	HC-2	2-WAY	ST-1	12X12					
SA-6	TEMPMASTER	V-2	400	48	6"	HC-2	2-WAY	ST-1	12X12					
SA-8	TEMPMASTER	V-2	700	41	8"	HC-4	2-WAY	ST-2	15X12					
SA-10	TEMPMASTER	V-2	1100	41	10"	HC-6	2-WAY	ST-3	21X15					
SA-12	TEMPMASTER	V-2	1600	42	12"	HC-8	2-WAY	ST-12	27X15					
SA-14	TEMPMASTER	V-2	2200	40	14"	HC-10	2-WAY	ST-13	36X15					

- *1 UNLESS OTHERWISE NOTED

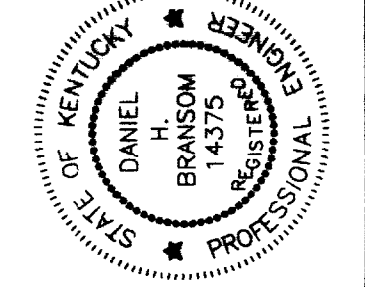
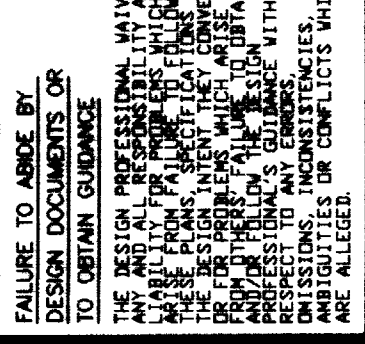
FANS															
SYMBOL	MFR.	MODEL	TYPE	SONES	CFM	S.P. IN. W.G.	FAN RPM	BHP	MOTOR			WHEEL TYPE	DIAM.	REMARKS	
									HP	RPM	PH				
SF-1 & 2	FLAKT	056-3-2	*6	*1	13,000	10	3500	27	30	3500	3	480	AXIAL	22	*2
EF-3	BUFFALO	445	*5	*4	10,000	6.0	2137	15.0	20	1750	3	480	BI	24.5	ANIMAL EXH.
EF-4	BUFFALO	445	*5	*4	10,000	6.0	2137	15.0	20	1750	3	480	BI	24.5	ANIMAL EXH.

- *1 OCTAVE BAND NO./HZ: 1/102, 2/105, 3/108, 4/108, 5/102, 6/101, 7/99, 8/92.
- *2 ANIMAL CARE SUPPLY FAN, WITH INLET DAMPER AND MOTOR OPERATOR.
- *3 OCTAVE BAND NO./HZ: 1/105, 2/101, 3/98, 4/98, 5/93, 6/88, 7/86, 8/79.
- *4 OCTAVE BAND NO./HZ: 1/95, 2/97, 3/96, 4/95, 5/91, 6/86, 7/85, 8/80.
- *5 UTILITY SET WITH VIBRATION ISOLATION AND WEATHER HOUSING.
- *6 FTFA AXIAL.

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	30839D	3/4	15	THREADED	1-1/2"	1500	1/2	*1, HOT WATER HEAT EX.

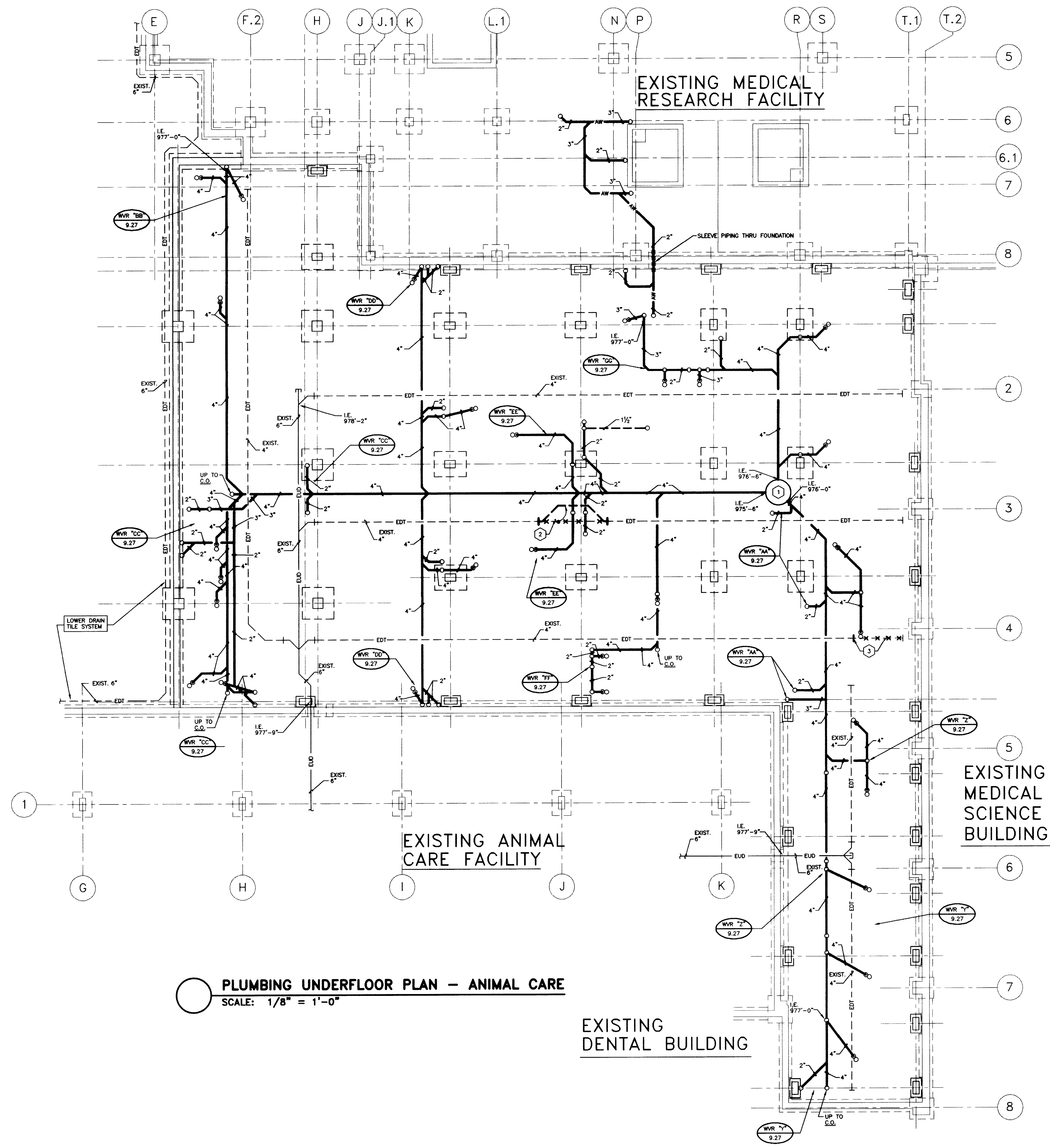
- *1 PROVIDE TRAP WITH INTEGRAL VACUUM BREAKER

CONDENSATE PUMPS AND RECEIVERS									
SYMBOL	MFR.	MODEL	RECEIVER CAP.-GALS	GPM	DISCHARGE PRESS.-PSIG	MOTOR			REMARKS
						HP	RPM	PH. VOLTS	

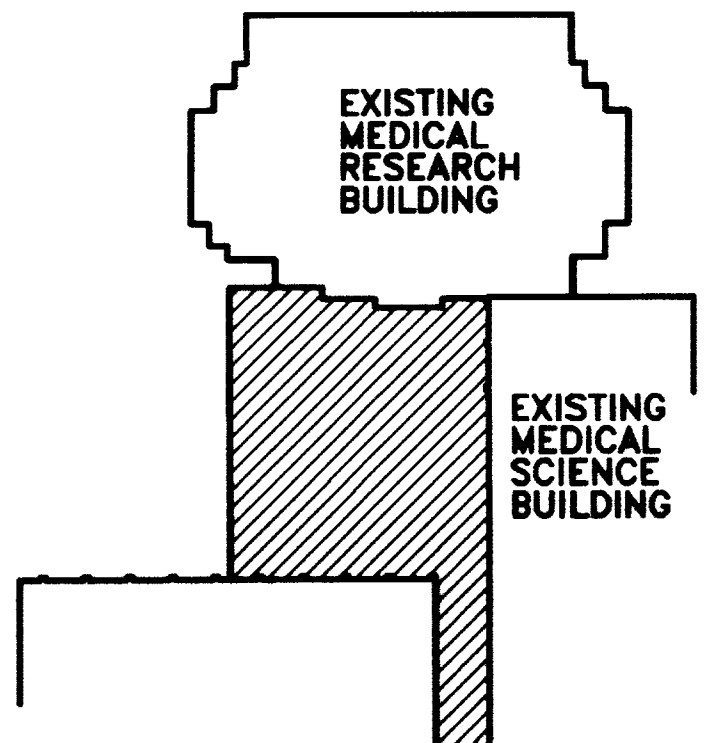


- GENERAL NOTES - PLUMBING**
1. THE CONTRACTOR SHALL INSTALL FULL SIZE INDIRECT WASTES FROM EQUIPMENT REQUIRING SAME TO NEAREST FLOOR DRAIN, UNLESS OTHERWISE NOTED.
 2. LOCATIONS OF PIPING AND EQUIPMENT ARE APPROXIMATE AND SUBJECT TO MINOR ADJUSTMENT IN THE FIELD. DO NOT SCALE THE DRAWINGS.
 3. ALL OFFSETS IN PIPING ARE NOT NECESSARILY SHOWN. PROVIDE ADDITIONAL OFFSETS WHERE NECESSARY.
 4. COORDINATE WITH MECHANICAL AND ELECTRICAL CONTRACTORS TO AVOID INTERFERENCES 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. VERIFY EXACT LOCATIONS OF ALL PLUMBING ROUGH-INS WITH ARCHITECT.
 8. SLEEVES IN FLOORS SHALL EXTEND 2" ABOVE FINISHED FLOOR AND BE CAULKED FOR WATERTIGHT INSTALLATION. SEE SPECIFICATIONS.
 9. SEE H.V.A.C. DRAWINGS FOR ADDITIONAL DETAILS APPLICABLE TO PLUMBING SYSTEM INSTALLATION.
 10. SET EQUIPMENT PRESSURE REGULATING VALVE OUTLET PRESSURE WHERE NOTED ON DRAWINGS AT EQUIPMENT MANUFACTURER'S REQUIREMENTS.
 11. SEE DRAWING 9.42 FOR FIXTURE ROUGHING-IN SCHEDULE.

- CODED NOTES - SHEET 9.12**
1. 48" DIA. FIBERGLASS SEWAGE EJECTOR BASIN FOR DUPLEX SEWAGE EJECTOR PUMPS. SEE SANITARY SLUMP DETAIL ON SHEET 9.42.
 2. REMOVE AND RELOCATE THIS SECTION OF EXISTING DRAIN TILE AS INDICATED TO INSTALL NEW SOIL OR WASTE PIPING.
 3. REMOVE EXISTING DRAIN TILE BACK TO POINT INDICATED.
 4. 4" SOIL LINE UP.



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

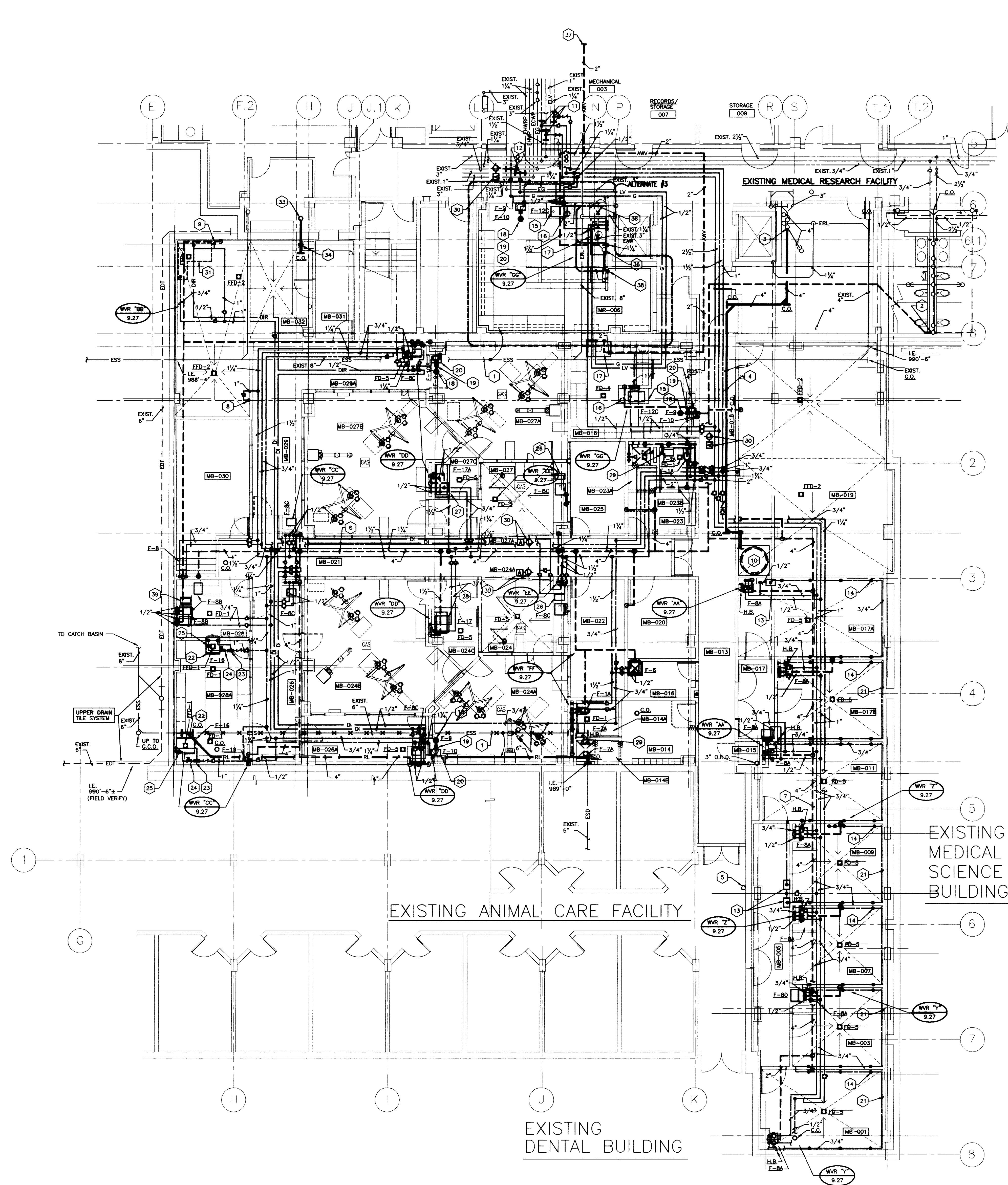


KEY PLAN
 N.T.S.

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PLUMBING UNDERFLOOR PLAN - ANIMAL CARE
Animal Care Shell Fit-up
University of Kentucky
Project No. 1627.0

SHT.	PROJECT TITLE
DATE	AUG 1 1998
DRAWN BY	AKL
CHECKED BY	DHB
REVISION	
DATE	06/07/97
SHEET NUMBER	9.11
PROJECT NUMBER	1627.0

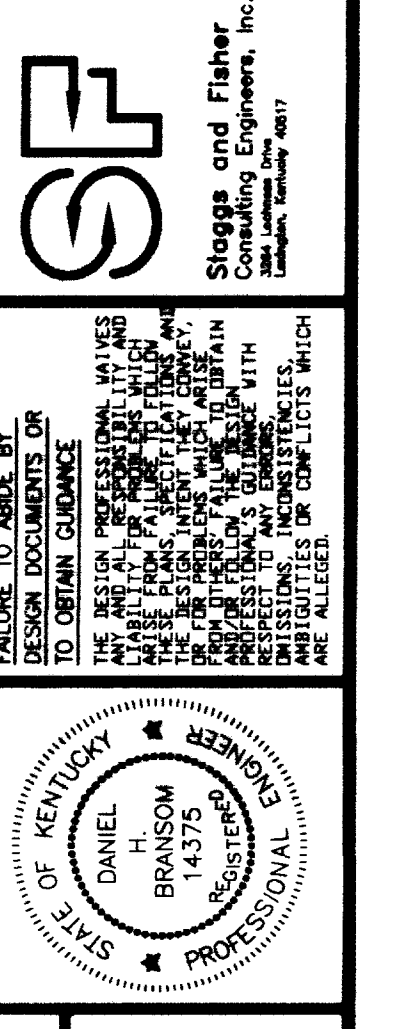


PLUMBING PLAN - ANIMAL CARE FLOOR
 SCALE: 1/8" = 1'-0" (FINISHED FL. ELEV. 979'-0")

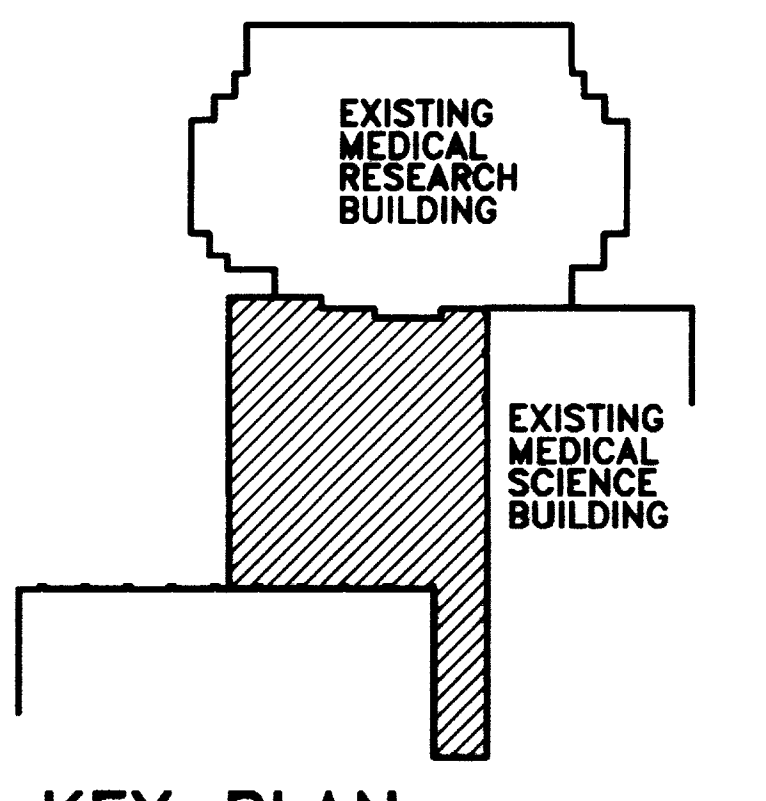
ROOM SCHEDULE:

MB-001	ANIMAL ROOM
MB-003	ANIMAL ROOM
MB-005	CORRIDOR
MB-007	ANIMAL ROOM
MB-009	ANIMAL ROOM
MB-011	ANIMAL ROOM
MB-013	CORRIDOR
MB-014	MEN'S TOILET
MB-014A	TOILET
MB-014B	SHOWER
MB-015	JANITOR
MB-016	HOUSEKEEPING
MB-017	VESTIBULE
MB-017A	ANIMAL ROOM
MB-017B	ANIMAL ROOM
MB-018	CLINICAL ROOM
MB-019	MECHANICAL ROOM
MB-020	STORAGE
MB-021	CORRIDOR
MB-022	OFFICE
MB-023	WOMEN'S LOCKER
MB-023A	SHOWER
MB-023B	TOILET
MB-024	PREP
MB-024A	SURGERY #4
MB-024B	SURGERY #3
MB-024C	SCRUB
MB-025	OFFICE
MB-026	RECOVERY
MB-026A	RECOVERY
MB-027	PREP
MB-027A	SURGERY #1
MB-027B	SURGERY #2
MB-027C	SCRUB
MB-028	DECONTAMINATION
MB-028A	STERILE PROCESSING
MB-028B	RECOVERY
MB-029	EQUIP. STORAGE
MB-030	CORRIDOR
MB-031	CORRIDOR
MB-032	MECHANICAL

- CODED NOTES: SHEET 9.13**
- REMOVE AND REROUTE EXISTING ROOF LEADER PIPING AS REQUIRED.
 - CONNECT TO EXISTING 4" VENT LINE ON VERTICAL ABOVE BASEMENT FLOOR CEILING SPACE.
 - CONNECT TO EXISTING 4" WASTE LINE AT BASE OF ELBOW AS REQUIRED.
 - HOLD PIPING AS HIGH AS POSSIBLE.
 - REMOVE EXISTING 3" OPEN HUB DRAIN AND PIPING. CAP PIPING BELOW EXISTING FLOOR SLAB.
 - INSTALL WITH CENTERLINE OF VENT LINE @ 11'-4" ABOVE FLOOR.
 - INSTALL WITH CENTERLINE OF VENT LINE AT 10'-6" ABOVE FLOOR.
 - 1" COLD WATER FILL LINE DOWN TO ENERGY RECOVERY FILL SYSTEM. SEE H.V.A.C. DRAWINGS.
 - 1" COLD WATER FILL LINE DOWN TO HEATING HOT WATER FILL SYSTEM. SEE H.V.A.C. DRAWINGS.
 - DUPLEX SEWAGE EJECTOR. SEE DETAIL ON SHEET 9.41.
 - CONNECT NEW 1-1/2" H.W., 2-1/2" C.W. AND 1" RECIRCULATING H.W. LINES TO EXISTING 1-1/2" H.W., 3" C.W. AND 1-1/4" RECIRCULATING LINES IN BASEMENT CEILING SPACE AS REQUIRED.
 - CONNECT NEW 1/2" GAS AND 1/2" LAB VACUUM LINES TO EXISTING 3/4" GAS AND 1" L.V. LINES IN BASEMENT CEILING SPACE AS REQUIRED.
 - AUTOMATIC WATERING SYSTEM CONTROL BOX. SEE DETAIL ON SHEET 9.41.
 - LOCATION OF RECOIL HOSE DROP (TYPICAL). LOCATE AS DIRECTED.
 - LABORATORY UNIT WITH SINK --- PLUMBING CONNECTIONS REQUIRED: HOT WATER, COLD WATER, DEIONIZED WATER AND ACID WASTE DRAIN.
 - LOCATION OF DEIONIZED WATER UNIT IN BASE CABINET.
 - FUME HOOD --- PLUMBING CONNECTIONS REQUIRED: GAS, MEDICAL AIR, LAB VACUUM, C.W. ACID WASTE AND VENT (FOR FUME HOOD CUP SINK). SEE SHEET 9.14 FOR MEDICAL AIR CONNECTION.
 - EMERGENCY SHOWER (F-9). SEE DETAIL ON SHEET 9.41.
 - APPROXIMATE LOCATION OF STAY OPEN BALL VALVE WITH PULL ROD (FIELD VERIFY).
 - EMERGENCY EYE/FACE WASH UNIT (F-10).
 - PIPING EXPOSED ON WALL. INSTALL 7'-4" ABOVE FLOOR. BRACKET PIPING TO WALL AS RECOMMENDED BY MANUFACTURER OF AUTOMATIC WATER SYSTEM.
 - STERILIZER (F-16) --- PLUMBING CONNECTIONS REQUIRED: COLD WATER AND WASTE DRAIN.
 - 1" REDUCED PRESSURE PRINCIPAL BACKFLOW PREVENTER. PIPE DRAIN LINE FULL SIZE TO FLOOR DRAIN UNDER STERILIZER.
 - 1" PRESSURE REDUCING VALVE. SET OUTLET PRESSURE AT EQUIPMENT MANUFACTURER'S REQUIREMENT.
 - SHOCK ARRESTOR TYPE "A".
 - ULTRASONIC "DROP-IN" SINK --- PLUMBING CONNECTIONS REQUIRED: WASTE DRAIN. CONNECT WASTE DRAIN AHEAD OF TRAP FOR SINK DRAIN.
 - SINGLE POSITION SCRUB STATION (F-17A) --- PLUMBING CONNECTIONS REQUIRED: HOT WATER, COLD WATER AND WASTE DRAIN.
 - DUAL POSITION SCRUB STATION (F-17A) --- PLUMBING CONNECTIONS REQUIRED: HOT WATER, COLD WATER AND WASTE DRAIN, EACH COMPARTMENT.
 - HOSE BIBB (H.B.) --- WOODFORD MODEL 24P-3/4. TEE HANDLE KEY. VACUUM BREAKER. 3/4" SIZE. CHROME FINISH. MOUNT 18" ABOVE FLOOR (TYPICAL).
 - ALARM BELL AND LIGHT TO EMERGENCY SHOWER. PROVIDE LABEL INDICATING ROOM SERVED.
 - SPACE FOR DEIONIZED WATER SYSTEM EQUIPMENT. SEE DEIONIZED WATER SYSTEM DETAIL ON SHEET 9.41.
 - BY-PASS VALVE. NORMALLY CLOSED (TYPICAL).
 - NEW 4" SOIL LINE UP.
 - NEW 4" SOIL LINE DOWN.
 - RECONNECT TO EXISTING ROOF LEADER AS REQUIRED.
 - REROUTE EXISTING 3" ACID WASTE ABOVE CEILING AND RECONNECT TO EXISTING ACID WASTE BELOW FLOOR SLAB AT THIS APPROXIMATE LOCATION. FIELD VERIFY EXISTING PIPING EXACT LOCATION AND PIPING INVERT. PATCH FLOOR, WALL, AND CEILING TO MATCH EXISTING (ALTERNATE # 3).
 - CONNECT NEW 2" ACID VENT PIPING TO EXISTING 6" MAIN ACID VENT PIPING IN MECHANICAL ROOM. TOTAL LENGTH IS APPROXIMATE 100 FT. FROM ROOM (MB-018) TO EXISTING 6" ACID VENT IN MECHANICAL ROOM (003). (ALTERNATE # 3 --- 1-1/2" ACID VENT PIPING CONNECT TO 2" ACID VENT PIPING AS SHOWN.)
 - RUN NEW 3" ACID WASTE DOWN IN WALL TO BELOW SLAB. SAW CUT FLOOR SLAB AND CONNECT TO EXISTING AS SHOWN. PATCH FLOOR TO MATCH EXISTING. (ALTERNATE # 3).
 - EXISTING ULTRASONIC SINK RELOCATED FROM EXISTING SURGERY AREA BY THIS CONTRACTOR. (SEE CODED NOTE 26 FOR INSTALLATION.)



PLUMBING PLAN - ANIMAL CARE FLOOR
Animal Care Shell Fit-up
University of Kentucky
Project No. 1627.0

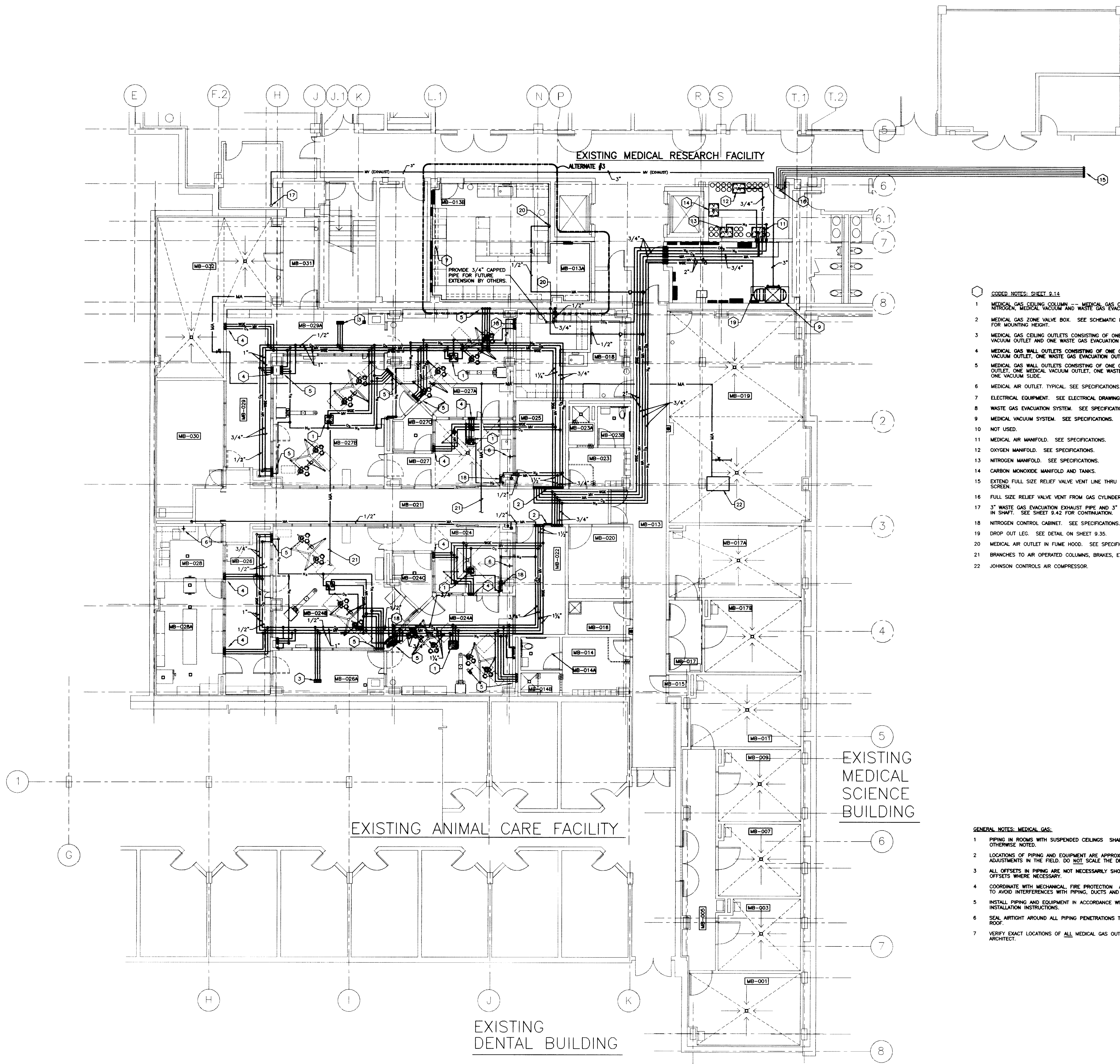


KEY PLAN
 N.T.S.

OFFICIAL BID DOCUMENT

SHT.	PROJECT TITLE
DATE	AUG 1, 1999
DRAWN BY	AKL
CHECKED BY	DBB
REVIEWED BY	
DATE	02/07/97
SHEET NUMBER	9.12
PROJECT NUMBER	1627.0

RECORD DRAWINGS DATE FEBRUARY 1998
 These record drawings have been prepared, in part, on the basis of information compiled and furnished by others. The Engineer will not be responsible for any errors or omissions which have been incorporated into this document as a result.
 STAGGS & FISHER CONSULTING ENGINEERS, INC.



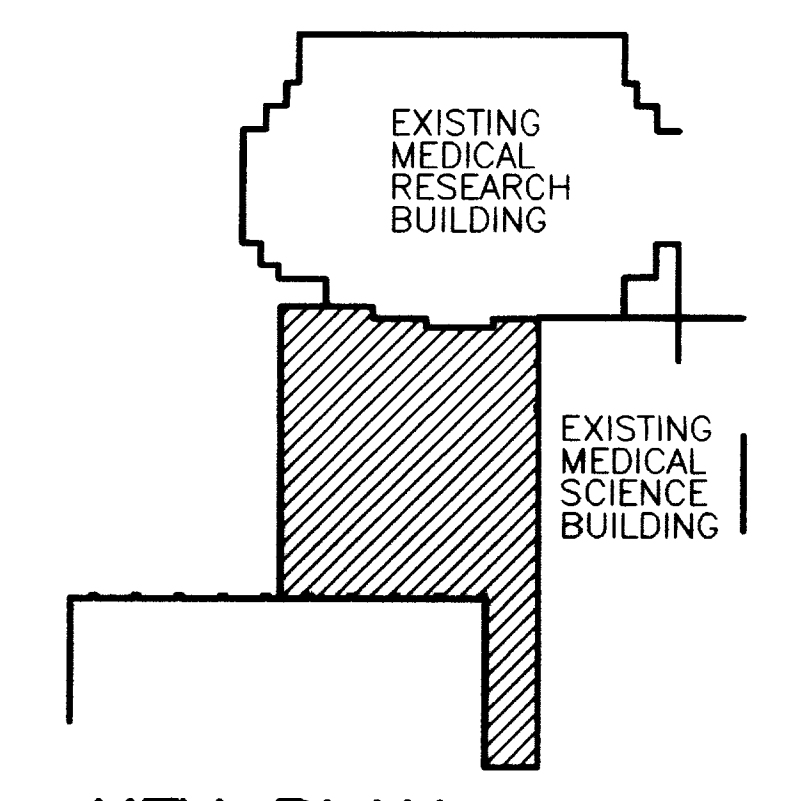
ROOM SCHEDULE

MB-001	ANIMAL ROOM
MB-002	ANIMAL ROOM
MB-003	ANIMAL ROOM
MB-004	ANIMAL ROOM
MB-005	ANIMAL ROOM
MB-006	ANIMAL ROOM
MB-007	ANIMAL ROOM
MB-008	ANIMAL ROOM
MB-009	ANIMAL ROOM
MB-010	ANIMAL ROOM
MB-011	ANIMAL ROOM
MB-012	ANIMAL ROOM
MB-013	ANIMAL ROOM
MB-014	ANIMAL ROOM
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MB-016	ANIMAL ROOM
MB-017	ANIMAL ROOM
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MB-019	ANIMAL ROOM
MB-020	ANIMAL ROOM
MB-021	ANIMAL ROOM
MB-022	ANIMAL ROOM
MB-023	ANIMAL ROOM
MB-024	ANIMAL ROOM
MB-025	ANIMAL ROOM
MB-026	ANIMAL ROOM
MB-027	ANIMAL ROOM
MB-028	ANIMAL ROOM
MB-029	ANIMAL ROOM
MB-030	ANIMAL ROOM
MB-031	ANIMAL ROOM
MB-032	ANIMAL ROOM

- CODED NOTES: SHEET 9.14
- MEDICAL GAS CEILING COLUMN. MEDICAL GAS CONNECTIONS REQUIRED: OXYGEN, NITROGEN, MEDICAL VACUUM AND WASTE GAS EVACUATOR.
 - MEDICAL GAS ZONE VALVE BOX. SEE SCHEMATIC PIPING DIAGRAM ON SHEET 9.35 FOR MOUNTING HEIGHT.
 - MEDICAL GAS CEILING OUTLETS CONSISTING OF ONE OXYGEN OUTLET, ONE MEDICAL VACUUM OUTLET AND ONE WASTE GAS EVACUATION OUTLET.
 - MEDICAL GAS WALL OUTLETS CONSISTING OF ONE OXYGEN OUTLET, ONE MEDICAL VACUUM OUTLET, ONE WASTE GAS EVACUATION OUTLET AND ONE VACUUM SLIDE.
 - MEDICAL GAS WALL OUTLETS CONSISTING OF ONE OXYGEN OUTLET, ONE NITROGEN OUTLET, ONE MEDICAL VACUUM OUTLET, ONE WASTE GAS EVACUATION OUTLET AND ONE VACUUM SLIDE.
 - MEDICAL AIR OUTLET. TYPICAL. SEE SPECIFICATIONS.
 - ELECTRICAL EQUIPMENT. SEE ELECTRICAL DRAWINGS.
 - WASTE GAS EVACUATION SYSTEM. SEE SPECIFICATIONS.
 - MEDICAL VACUUM SYSTEM. SEE SPECIFICATIONS.
 - NOT USED.
 - MEDICAL AIR MANFOLD. SEE SPECIFICATIONS.
 - OXYGEN MANFOLD. SEE SPECIFICATIONS.
 - NITROGEN MANFOLD. SEE SPECIFICATIONS.
 - CARBON MONOXIDE MANFOLD AND TANKS.
 - EXTEND FULL SIZE RELIEF VALVE VENT LINE THRU EXTERIOR WALL, TURN DOWN AND SCREEN.
 - FULL SIZE RELIEF VALVE VENT FROM GAS CYLINDER MANFOLD. (TYPICAL)
 - 3" WASTE GAS EVACUATION EXHAUST PIPE AND 3" MEDICAL VACUUM EXHAUST PIPE UP IN SHAFT. SEE SHEET 9.42 FOR CONTINUATION.
 - NITROGEN CONTROL CABINET. SEE SPECIFICATIONS.
 - DROP OUT LEG. SEE DETAIL ON SHEET 9.35.
 - MEDICAL AIR OUTLET IN FUME HOOD. SEE SPECIFICATIONS. (ALTERNATE #3).
 - BRANCHES TO AIR OPERATED COLUMNS, BRAKES, ETC.
 - JOHNSON CONTROLS AIR COMPRESSOR.

- GENERAL NOTES: MEDICAL GAS:
- PIPING IN ROOMS WITH SUSPENDED CEILINGS SHALL BE ABOVE CEILING UNLESS OTHERWISE NOTED.
 - LOCATIONS OF PIPING AND EQUIPMENT ARE APPROXIMATE AND SUBJECT TO MINOR ADJUSTMENTS IN THE FIELD. DO NOT SCALE THE DRAWINGS.
 - ALL OFFSETS IN PIPING ARE NOT NECESSARILY SHOWN. PROVIDE ADDITIONAL OFFSETS WHERE NECESSARY.
 - COORDINATE WITH MECHANICAL, FIRE PROTECTION AND ELECTRICAL CONTRACTOR'S TO AVOID INTERFERENCES WITH PIPING, DUCTS AND CONDUIT.
 - INSTALL PIPING AND EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.
 - SEAL AROUND ALL PIPING PENETRATIONS THROUGH WALLS, FLOOR AND ROOF.
 - VERIFY EXACT LOCATIONS OF ALL MEDICAL GAS OUTLETS IN HEADWALLS WITH ARCHITECT.

MEDICAL GAS PLAN - ANIMAL CARE FLOOR
 SCALE: 1/8" = 1'-0" (FINISHED FL. ELEV. 979'-0")



KEY PLAN

RECORD DRAWINGS DATE FEBRUARY 1998

DATE: AUG 1, 1998
 DRAWN BY: AGL
 CHECKED BY: DMB
 DATE: 08/07/97

SHEET NUMBER
9.13

PROJECT NUMBER
1627.0

STAGGS & FISHER CONSULTING ENGINEERS, INC.

CJM
 CHRISTMAN MILLER WOODFORD, INC.
 INTERIOR ARCHITECTURE
 200 S. MAIN ST. SUITE 200
 COLUMBIA, KY 40302

SF
 Stagg and Fisher
 Consulting Engineers, Inc.
 1000 S. MAIN ST. SUITE 200
 COLUMBIA, KY 40302

STATE OF KENTUCKY
 BRANSON
 REGISTERED PROFESSIONAL ENGINEER
 No. 1627.0

MEDICAL GAS PLAN - ANIMAL CARE FLOOR

Animal Care Shell Fit-up
University of Kentucky
Project No. 1627.0

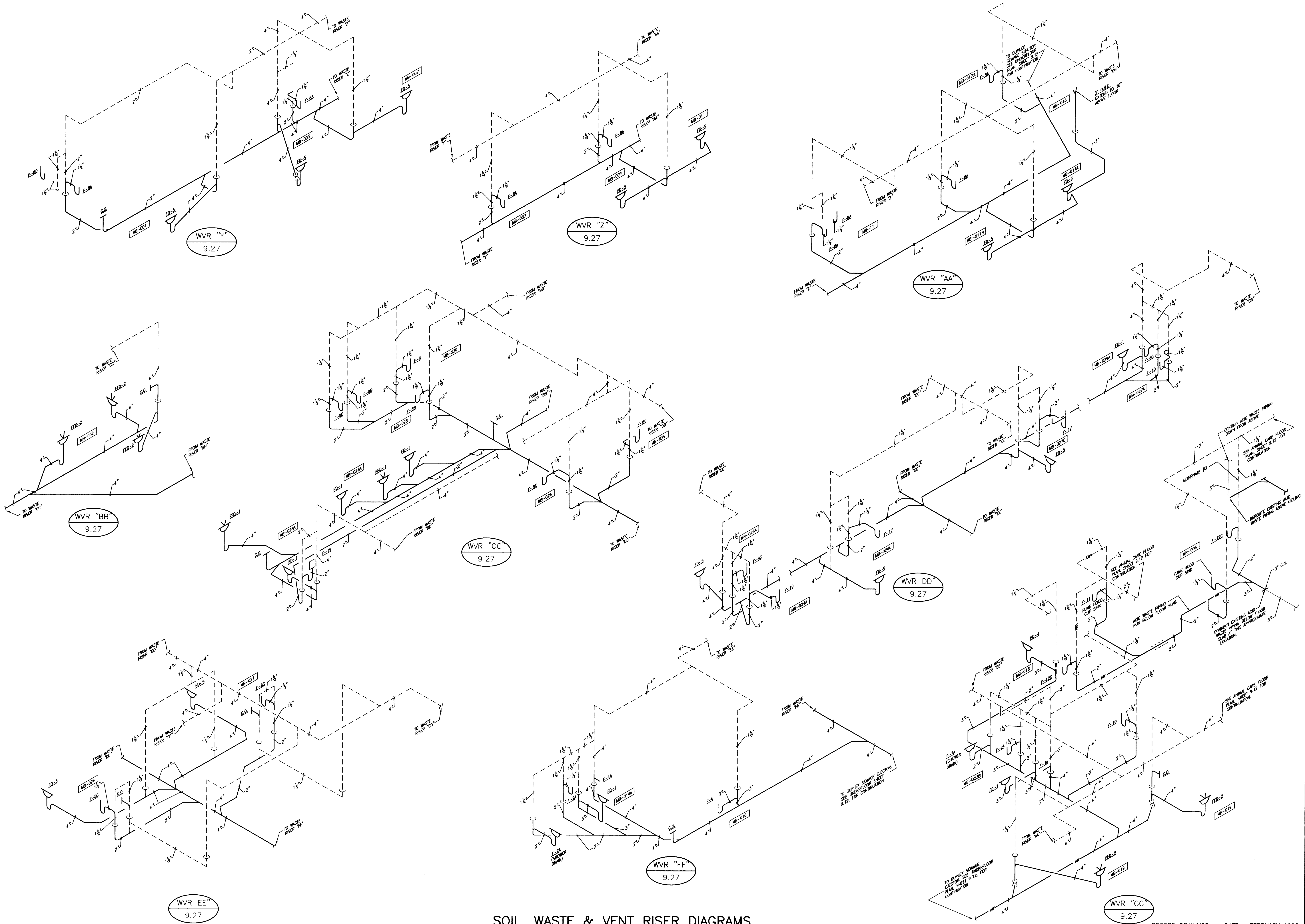
DATE: AUG 1, 1998
 DRAWN BY: AGL
 CHECKED BY: DMB
 DATE: 08/07/97

SHEET NUMBER
9.13

PROJECT NUMBER
1627.0

STAGGS & FISHER CONSULTING ENGINEERS, INC.

OFFICIAL BID DOCUMENT

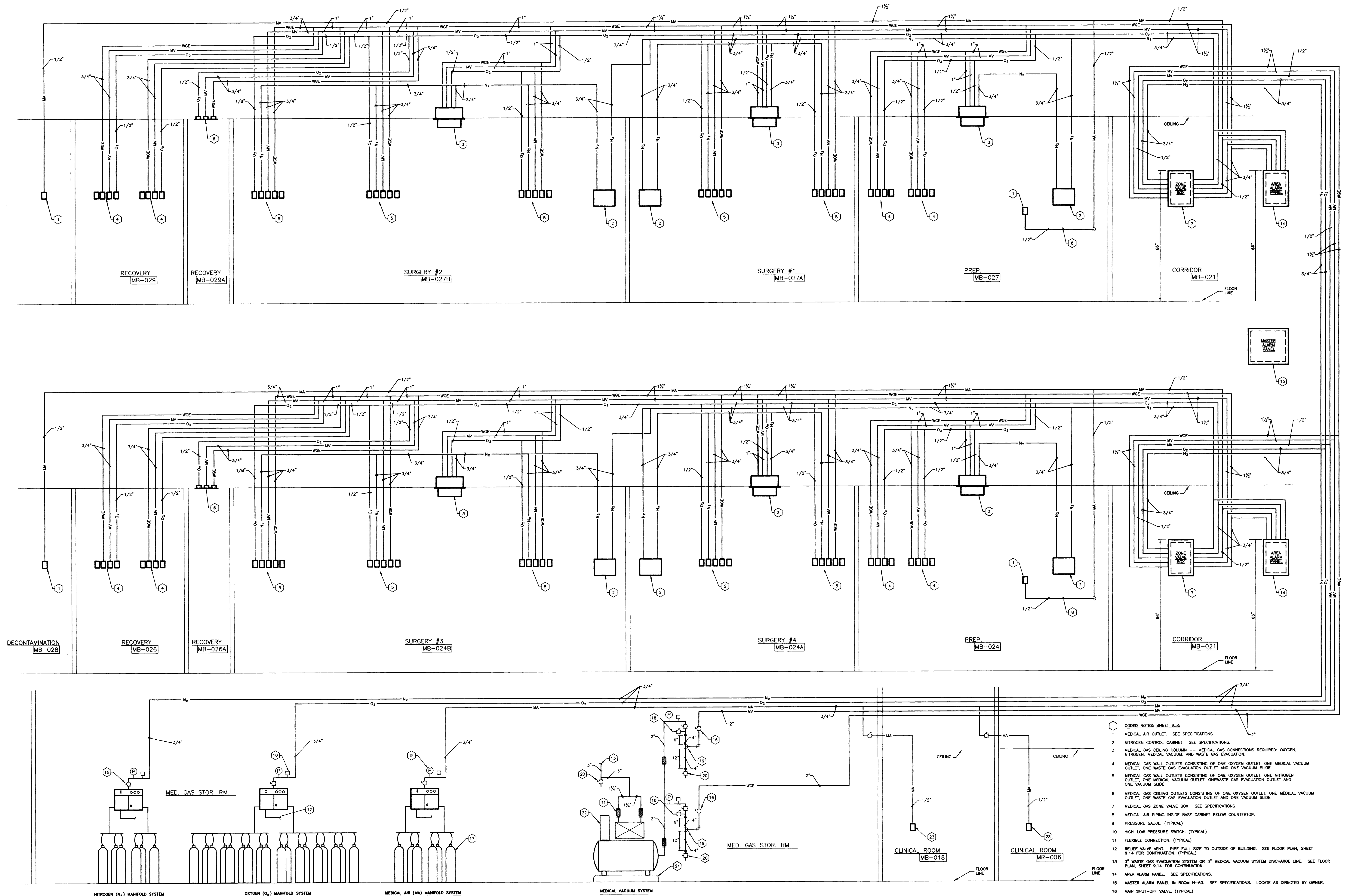


SOIL, WASTE & VENT RISER DIAGRAMS

NO SCALE

DRAWING: S:\DRAWING\1627\1627-PLUMBING\1627-PLUMBING-98-0821798-A1.rvt

SHEET: 51 OF 51 DOCUMENT # 018855 OFFICIAL BID DOCUMENT



MEDICAL GAS SCHEMATIC PIPING DIAGRAMS AND DETAILS

Animal Care Shell Fit-up
 University of Kentucky
 Project No. 1627.0

CJMW
 CHAPMAN MILLER WOODFORD INC.
 ARCHITECTURE ENGINEERING PLANNING INTERIOR LANDSCAPE ARCHITECTURE
 200 S. BRUNNWAY
 LEWISTON, KENTUCKY 40303

OFFICIAL BID DOCUMENT

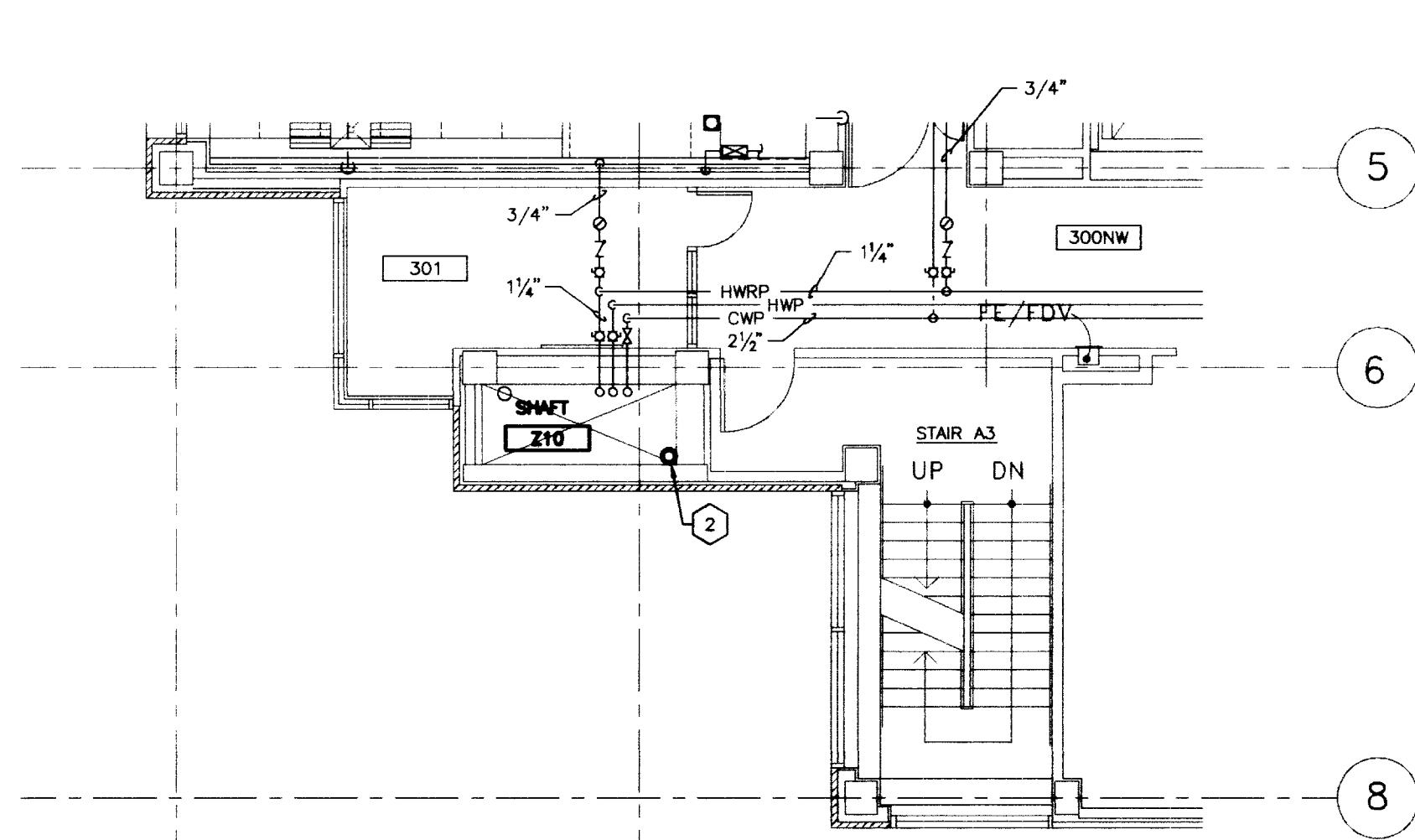
MEDICAL GAS SCHEMATIC PIPING DIAGRAM

- CODED NOTES: SHEET 9.35
- MEDICAL AIR OUTLET. SEE SPECIFICATIONS.
 - NITROGEN CONTROL CABINET. SEE SPECIFICATIONS.
 - MEDICAL GAS CEILING COLUMN -- MEDICAL GAS CONNECTIONS REQUIRED: OXYGEN, NITROGEN, MEDICAL VACUUM, AND WASTE GAS EVACUATION.
 - MEDICAL GAS WALL OUTLETS CONSISTING OF ONE OXYGEN OUTLET, ONE MEDICAL VACUUM OUTLET, ONE WASTE GAS EVACUATION OUTLET AND ONE VACUUM SLIDE.
 - MEDICAL GAS WALL OUTLETS CONSISTING OF ONE OXYGEN OUTLET, ONE MEDICAL VACUUM OUTLET, ONE MEDICAL VACUUM OUTLET, ONEWASTE GAS EVACUATION OUTLET AND ONE VACUUM SLIDE.
 - MEDICAL GAS CEILING OUTLETS CONSISTING OF ONE OXYGEN OUTLET, ONE MEDICAL VACUUM OUTLET, ONE WASTE GAS EVACUATION OUTLET AND ONE VACUUM SLIDE.
 - MEDICAL GAS ZONE VALVE BOX. SEE SPECIFICATIONS.
 - MEDICAL AIR PIPING INSIDE BASE CABINET BELOW COUNTERTOP.
 - PRESSURE GAUGE. (TYPICAL)
 - HIGH-LOW PRESSURE SWITCH. (TYPICAL)
 - FLEXIBLE CONNECTION. (TYPICAL)
 - RELIEF VALVE VENT. PIPE FULL SIZE TO OUTSIDE OF BUILDING. SEE FLOOR PLAN, SHEET 9.14 FOR CONTINUATION. (TYPICAL)
 - 3" WASTE GAS EVACUATION SYSTEM OR 3" MEDICAL VACUUM SYSTEM DISCHARGE LINE. SEE FLOOR PLAN, SHEET 9.14 FOR CONTINUATION.
 - AREA ALARM PANEL. SEE SPECIFICATIONS.
 - MASTER ALARM PANEL IN ROOM H-60. SEE SPECIFICATIONS. LOCATE AS DIRECTED BY OWNER.
 - MAIN SHUT-OFF VALVE. (TYPICAL)
 - MEDICAL GAS MANIFOLD SYSTEM CYLINDERS. (TYPICAL)
 - 1/4" AIR INTAKE WITH SHUT-OFF VALVE.
 - 4"x4"x2" TEE.
 - 1-1/4" BALL VALVE.
 - 4" HIGH CONCRETE PAD.
 - CONTROL PANEL.
 - MEDICAL AIR OUTLET IN FUME HOOD. SEE SPECIFICATIONS.

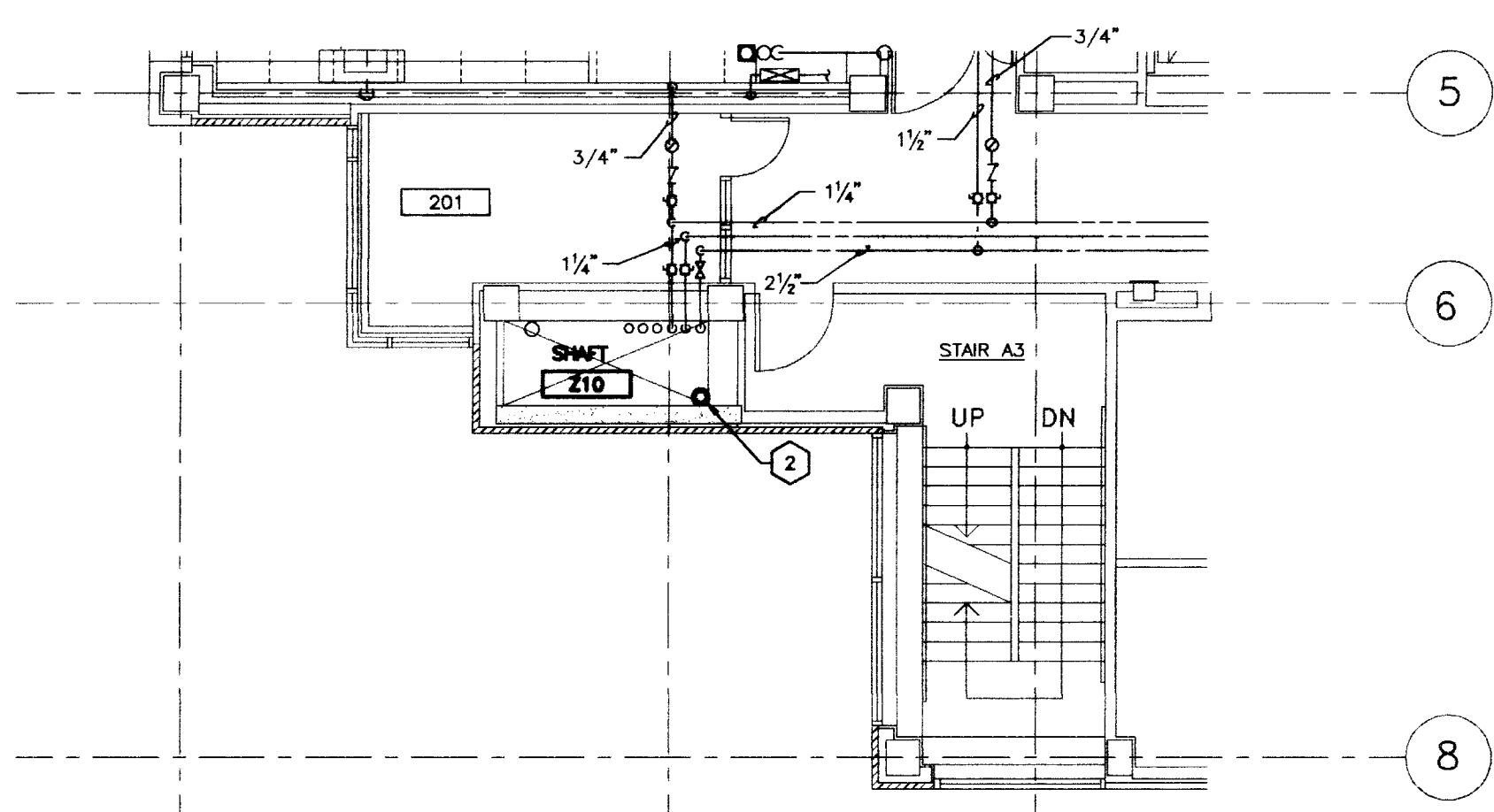
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DATE	2	
DATE	3	
DATE	4	

PROJECT TITLE: _____
 DATE: AUG 1, 1998
 DRAWN BY: ARL
 CHECKED BY: DMB
 REVISION: _____
 SHEET NUMBER: **9.31**
 PROJECT NUMBER: **1627.0**

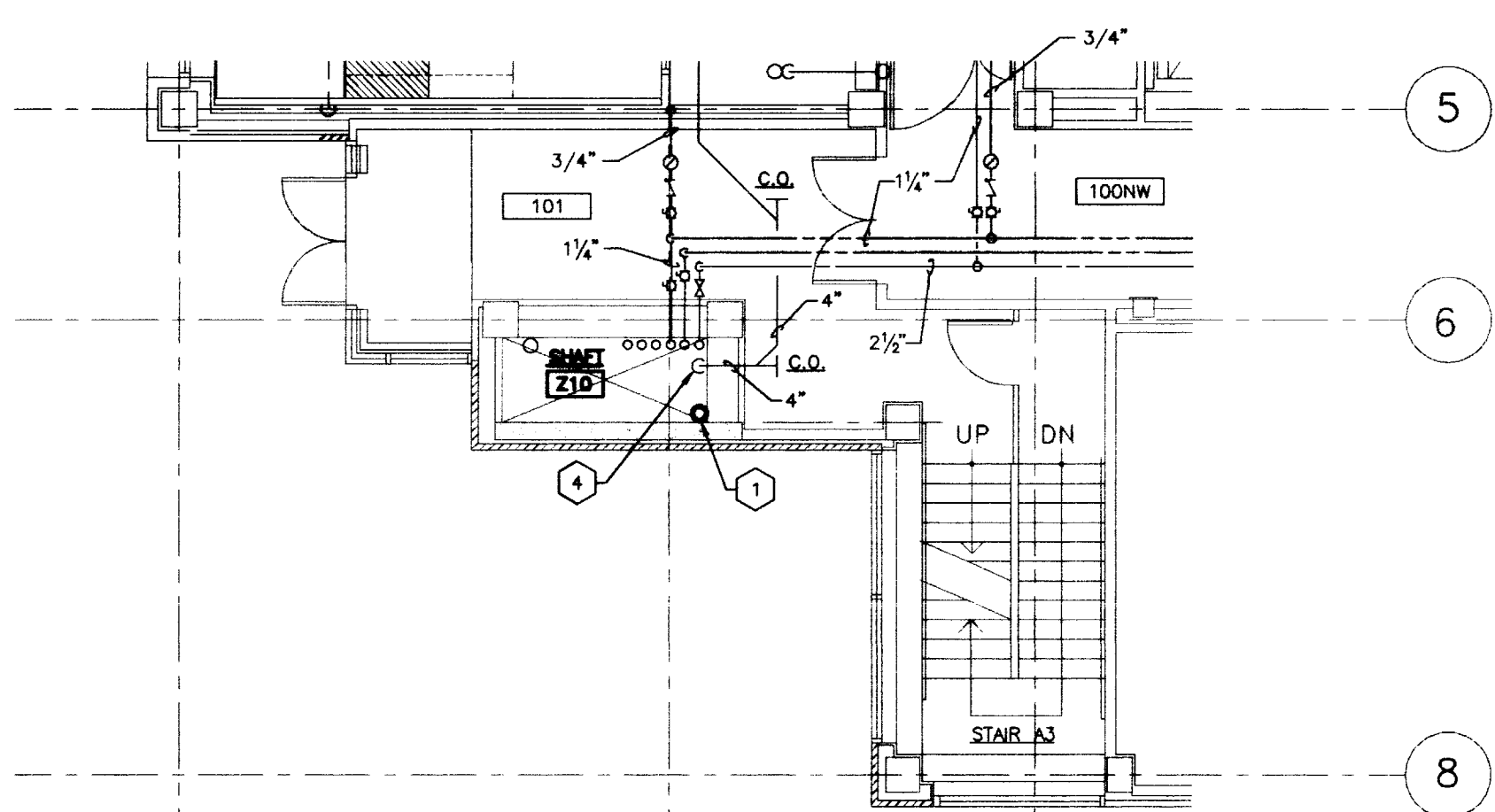
RECORD DRAWINGS DATE FEBRUARY 1998
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 STAGGS & FISHER CONSULTING ENGINEERS, INC.



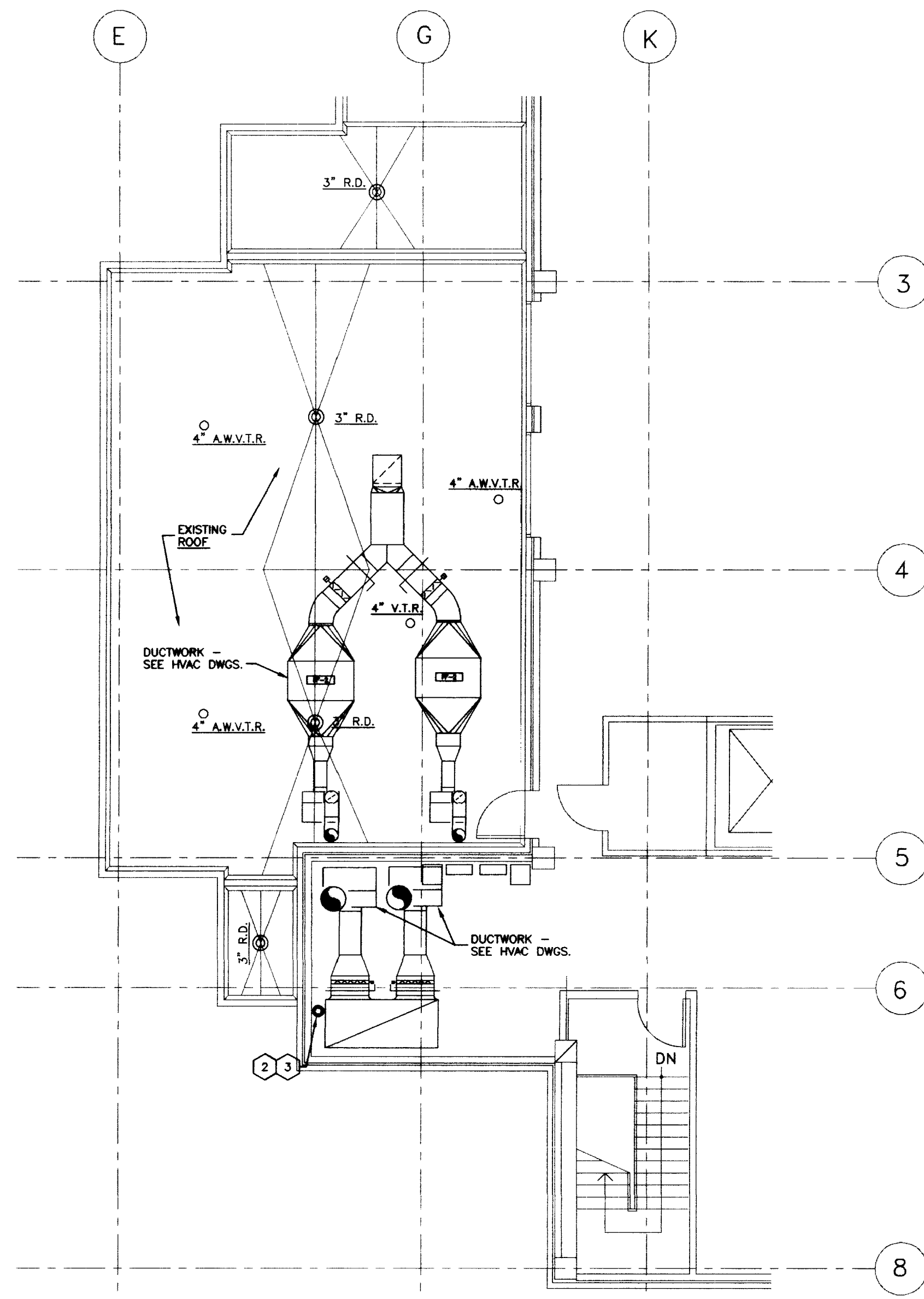
PLUMBING PLAN - PARTIAL THIRD FLOOR
SCALE: 1/8" = 1'-0" (FINISHED FL. ELEV. 1021'-2")



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



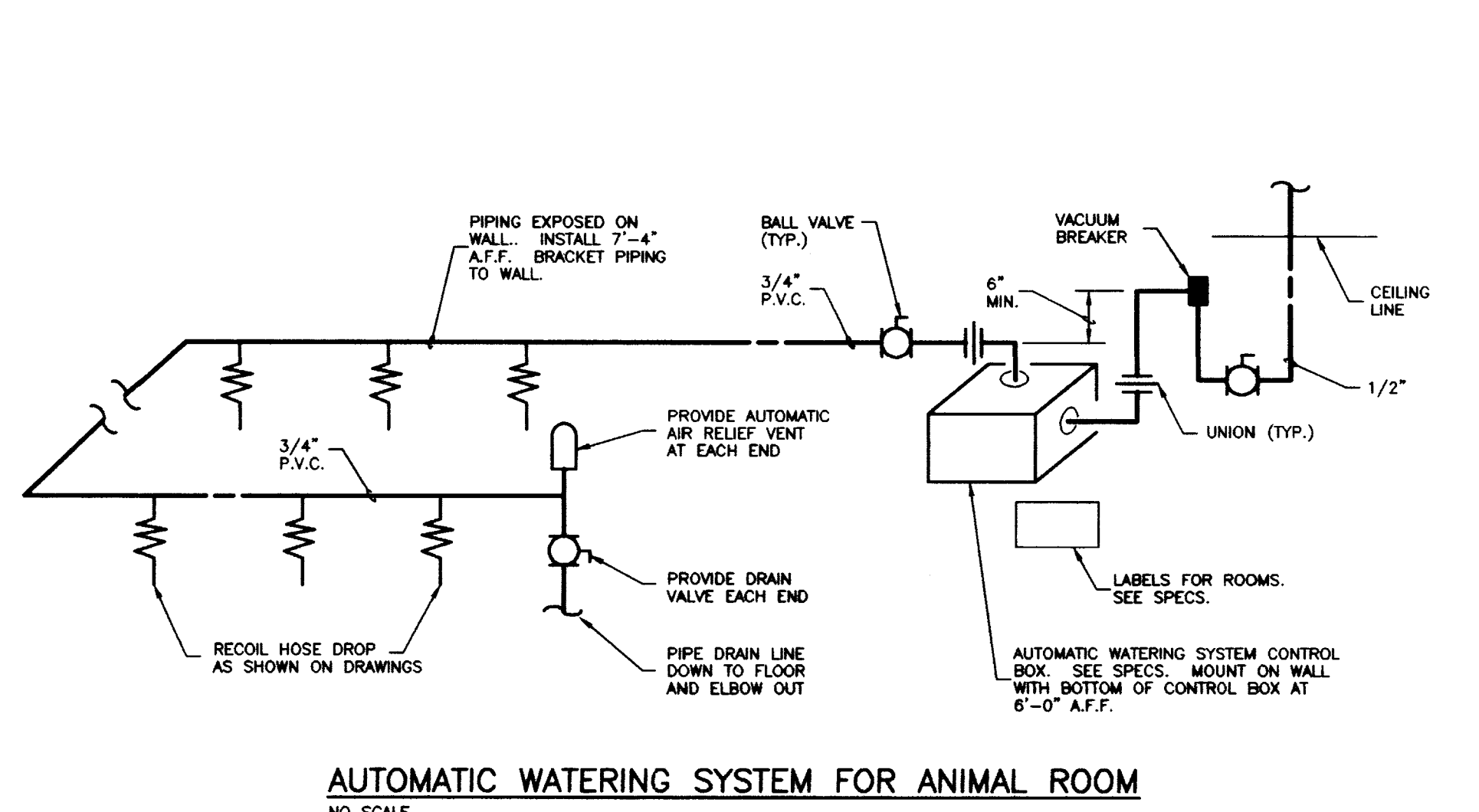
PLUMBING PLAN - PARTIAL FIRST FLOOR
SCALE: 1/8" = 1'-0" (FINISHED FL. ELEV. 994'-0")



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

CODED NOTES: SHEET 9.42

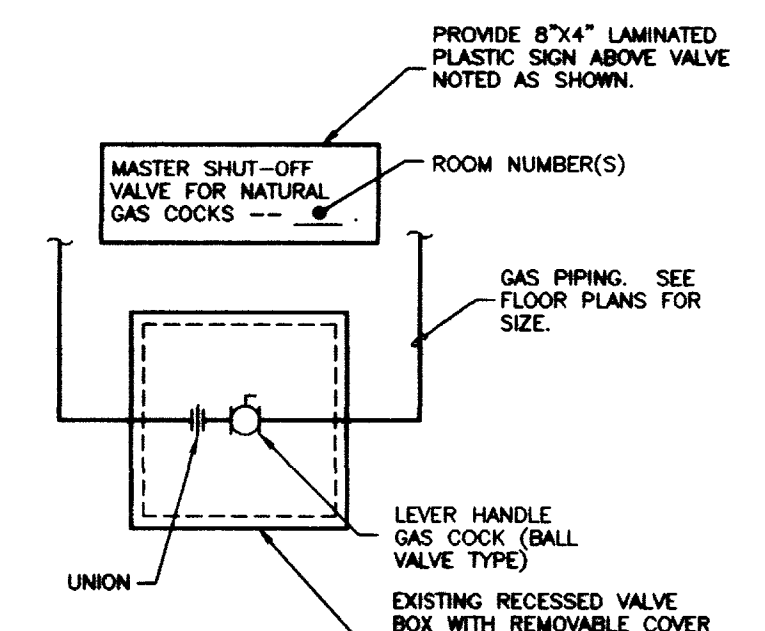
- 3" MEDICAL VACUUM EXHAUST AND 3" WASTE GAS EVACUATION EXHAUST VENT LINES UP FROM ANIMAL CARE FLOOR BELOW. SEE SHEET 9.14. EXTEND UP THROUGH BUILDING IN SHAFT 210 AS SHOWN ON PARTIAL FLOOR PLANS THIS SHEET.
- 3" MEDICAL VACUUM EXHAUST LINE UP AND DOWN.
- EXTEND EXHAUST LINE UP THROUGH AND TERMINATE WITH A 180° GOOSENECK WITH OPEN END OF EXHAUST VENT LINES 12" MINIMUM ABOVE ROOF. PROVIDE COPPER FLASHING BOOT AT ROOF WITH COUNTERFLASHING SOLDERED TO VENT PIPING.
- EXISTING 4" SOIL LINE DOWN.



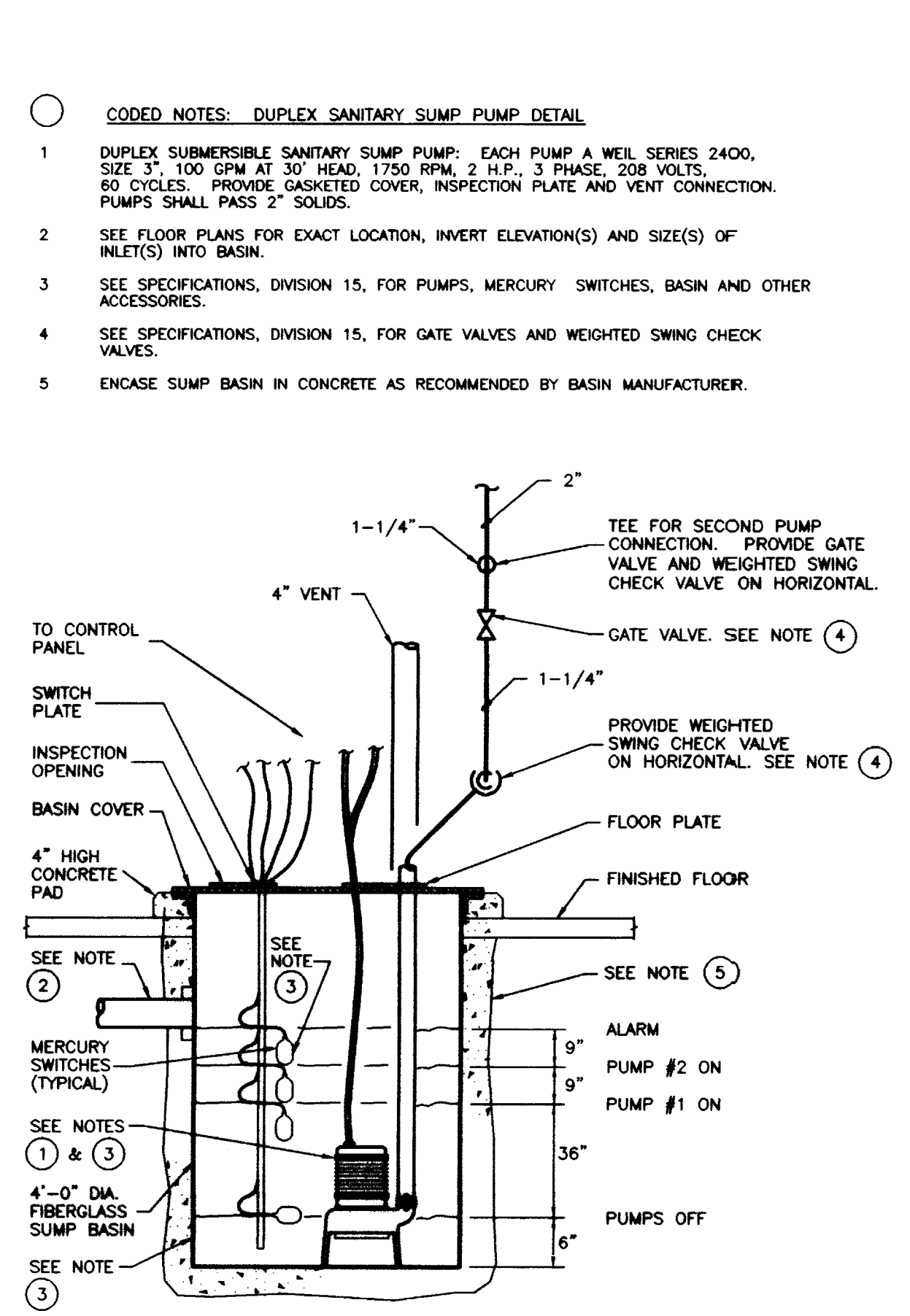
AUTOMATIC WATERING SYSTEM FOR ANIMAL ROOM
NO SCALE

FIXTURE SCHEDULE AND ROUGH-IN REQUIREMENTS:

- A F-1 WATER CLOSET (WALL HUNG - STANDARD MOUNTING) -- 15" FROM FLOOR TO EDGE OF BOWL.
- B F-1A WATER CLOSET (WALL HUNG - HANDICAPPED MOUNTING) -- 18" HIGH BOWL.
- C F-2 LAVATORY (WALL HUNG - STANDARD MOUNTING) -- 31" FROM FLOOR TO TOP EDGE OF BASIN.
- D F-2 LAVATORY (WALL HUNG - HANDICAPPED MOUNTING) -- 34" FROM FLOOR TO TOP EDGE OF BASIN (28" MINIMUM FROM FLOOR TO BOTTOM EDGE OF BASIN APPROX.).
- E F-4 MOP BASIN -- 30" FROM FLOOR TO CENTERLINE OF SUPPLIES.
- F F-7 SHOWER -- SEE DETAIL ON SHEET 9.41.
- G F-7A SHOWER (HANDICAPPED MOUNTING) -- SEE DETAIL ON SHEET 9.41.
- H F-8 SINK -- SINK MOUNTED IN COUNTERTOP. SEE ARCHITECTURAL DRAWINGS.
- I F-8A SINK (WALL HUNG) -- 38" FROM FLOOR TO EDGE OF RIM.



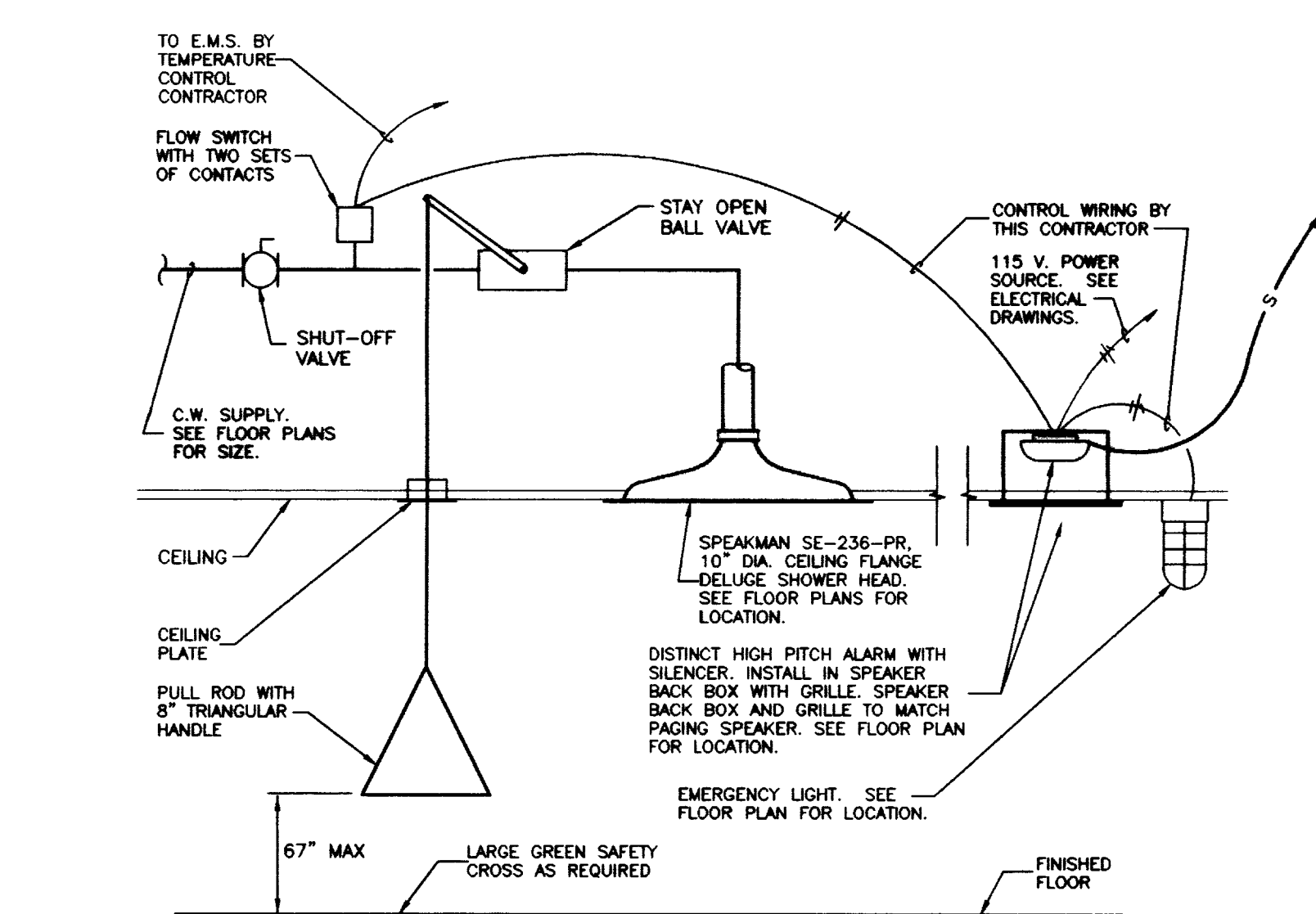
MASTER GAS SHUT-OFF VALVE BOX DETAIL
NO SCALE



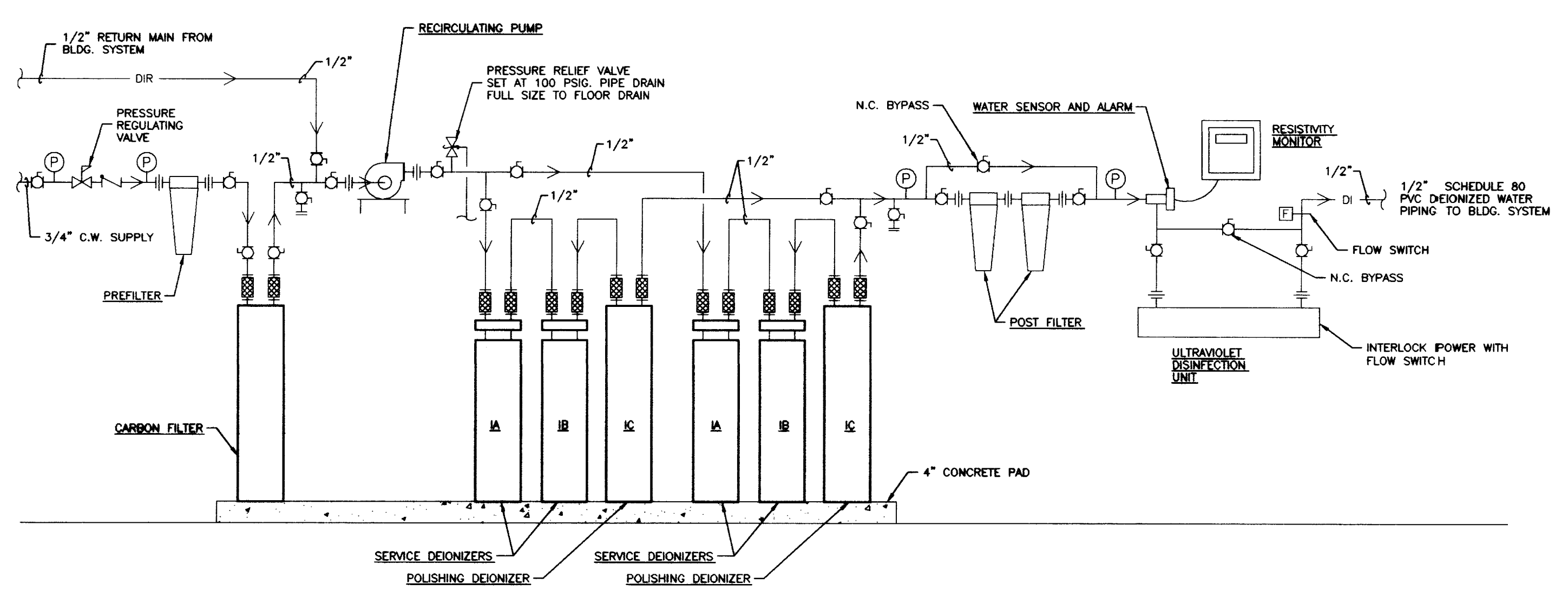
DUPLEX SANITARY SUMP PUMP DETAIL
NO SCALE

FLOOR DRAIN SCHEDULE					
TYPE	MANUFACTURER	MODEL NO.	BODY	TOP	REMARKS
FD-1	ZURN	ZN-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	NOT USED				
FD-4	DUNROD CO.	5501BF	SILICON IRON	SILICON IRON	(1) (2) (3)
FD-5	ZURN	ZN-415	CAST IRON (DURA-COATED)	NICKLE BRONZE	(1)

- REMARKS:**
- 6" DIAMETER, TYPE "B" STRAINER.
 - 9" 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.
 - NOT USED.
 - NOT USED.
 - 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 DUNROD DURCOMET 100 FUNNEL, 6" HIGH.
 - 6" DIAMETER TYPE "T" STRAINER (SOLD WITH SPANNER WRENCH AND SECONDARY DRAIN).



EMERGENCY SHOWER (F-9) DETAIL
NO SCALE



DEIONIZED WATER MAKE-UP SYSTEM FLOW DIAGRAM
NO SCALE

RECORD DRAWINGS DATE FEBRUARY 1998
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CJM
CHRISMAN MILLER WOODFORD INC.
ARCHITECTURE ENGINEERING PLANNING INTERIOR LANDSCAPE ARCHITECTURE
500 S. BRUNNEN
LEWISTOWN, KY 40316

SF
Stagg and Fisher
Consulting Engineers, Inc.
1417 S. BRUNNEN
LEWISTOWN, KY 40316

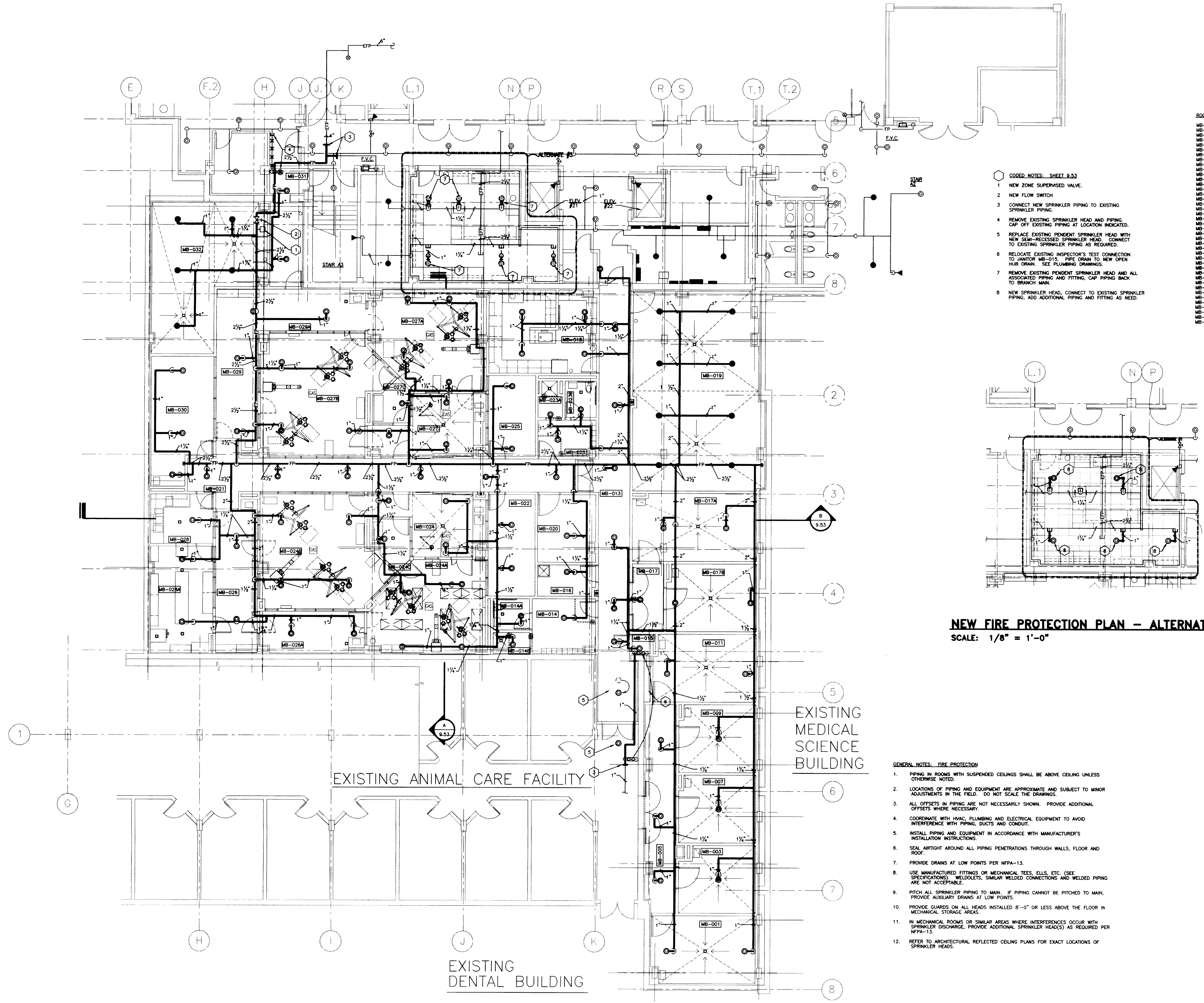
PLUMBING DETAILS
Animal Care Shell Fit-up
University of Kentucky
Project No. 1627.0

OFFICIAL BID DOCUMENT

SHT. PROJECT TITLE
DATE: AUG 1, 1998
DRAWN BY:
CHECKED BY:
REVIEWED:
DATE: 04/07/97

SHEET NUMBER
9.41
PROJECT NUMBER
1627.0

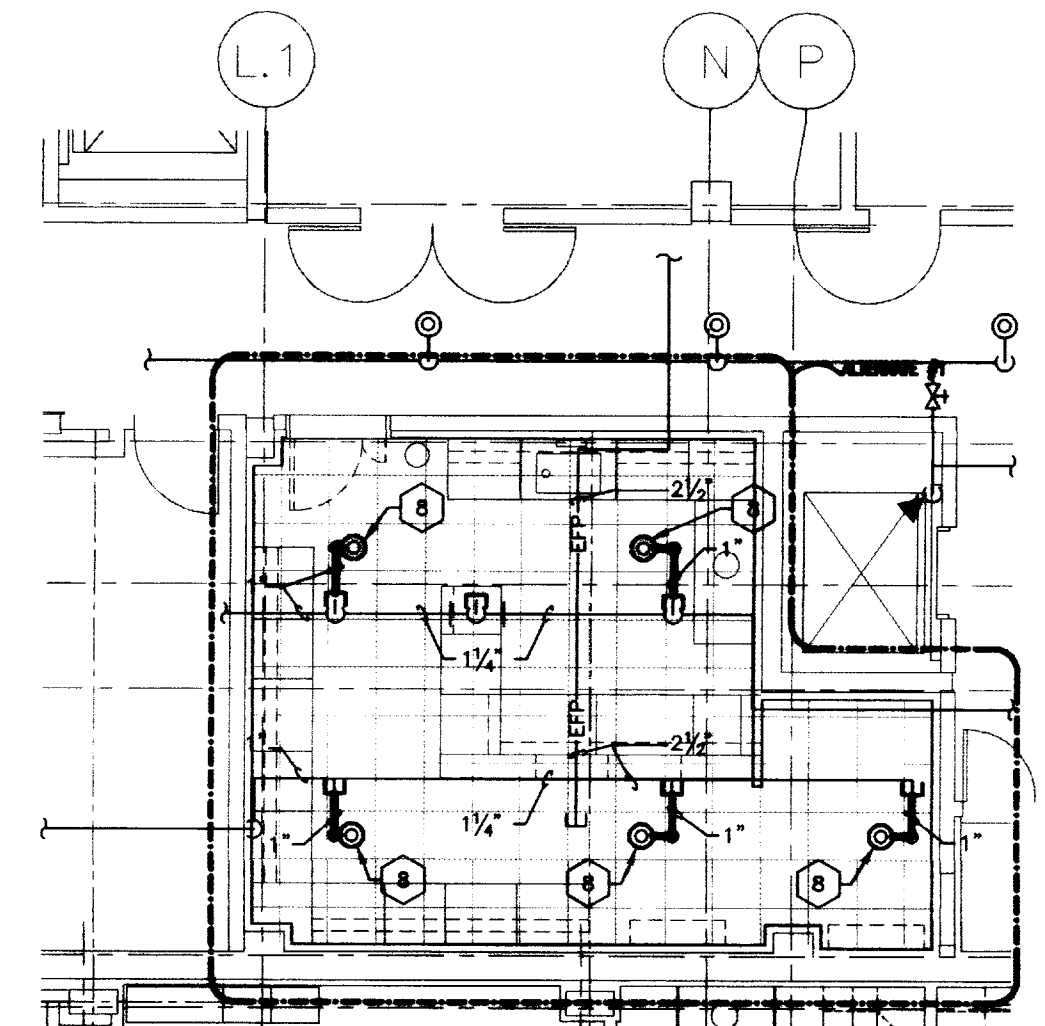
STAGGS & FISHER CONSULTING ENGINEERS, INC.



ROOM SCHEDULE:

MB-001	ANIMAL ROOM
MB-003	ANIMAL ROOM
MB-005	CORRIDOR
MB-007	ANIMAL ROOM
MB-009	ANIMAL ROOM
MB-011	ANIMAL ROOM
MB-013	CORRIDOR
MB-014	MEN'S TOILET
MB-014A	TOILET
MB-014B	SHOWER
MB-015	JANITOR
MB-016	HOUSEKEEPING
MB-017	VESTIBULE
MB-017A	ANIMAL ROOM
MB-017B	ANIMAL ROOM
MB-018	CLINICAL ROOM
MB-019	MECHANICAL ROOM
MB-020	STORAGE
MB-021	CORRIDOR
MB-022	OFFICE
MB-023	WOMEN'S LOCKER
MB-023A	SHOWER
MB-023B	TOILET
MB-024	PREP
MB-024A	SURGERY #4
MB-024B	SURGERY #3
MB-024C	SCRUB
MB-025	OFFICE
MB-026	RECOVERY
MB-026A	RECOVERY
MB-027	PREP
MB-027A	SURGERY #1
MB-027B	SURGERY #2
MB-027C	SCRUB
MB-028	DECONTAMINATION
MB-028A	STERILE PROCESSING
MB-029	RECOVERY
MB-030	EQUIP. STORAGE
MB-031	CORRIDOR
MB-032	MECHANICAL

- CODED NOTES - SHEET 9.51**
1. NEW ZONE SUPERVISED VALVE.
 2. NEW FLOW SWITCH.
 3. CONNECT NEW SPRINKLER PIPING TO EXISTING SPRINKLER PIPING.
 4. REMOVE EXISTING SPRINKLER HEAD AND PIPING. CAP OFF EXISTING PIPING AT LOCATION INDICATED.
 5. REPLACE EXISTING PENDENT SPRINKLER HEAD WITH NEW SEAM-PROCESSED SPRINKLER HEAD. CONNECT TO EXISTING SPRINKLER PIPING AS REQUIRED.
 6. RELOCATE EXISTING INSPECTOR'S TEST CONNECTION TO JANITOR MB-015. PIPE DRAIN TO NEW OPEN HUB DRAIN. SEE PLUMBING DRAWINGS.
 7. REMOVE EXISTING PENDENT SPRINKLER HEAD AND ALL ASSOCIATED PIPING AND FITTING. CAP PIPING BACK TO BRANCH MAIN.
 8. NEW SPRINKLER HEAD. CONNECT TO EXISTING SPRINKLER PIPING. ADD ADDITIONAL PIPING AND FITTING AS NEED.



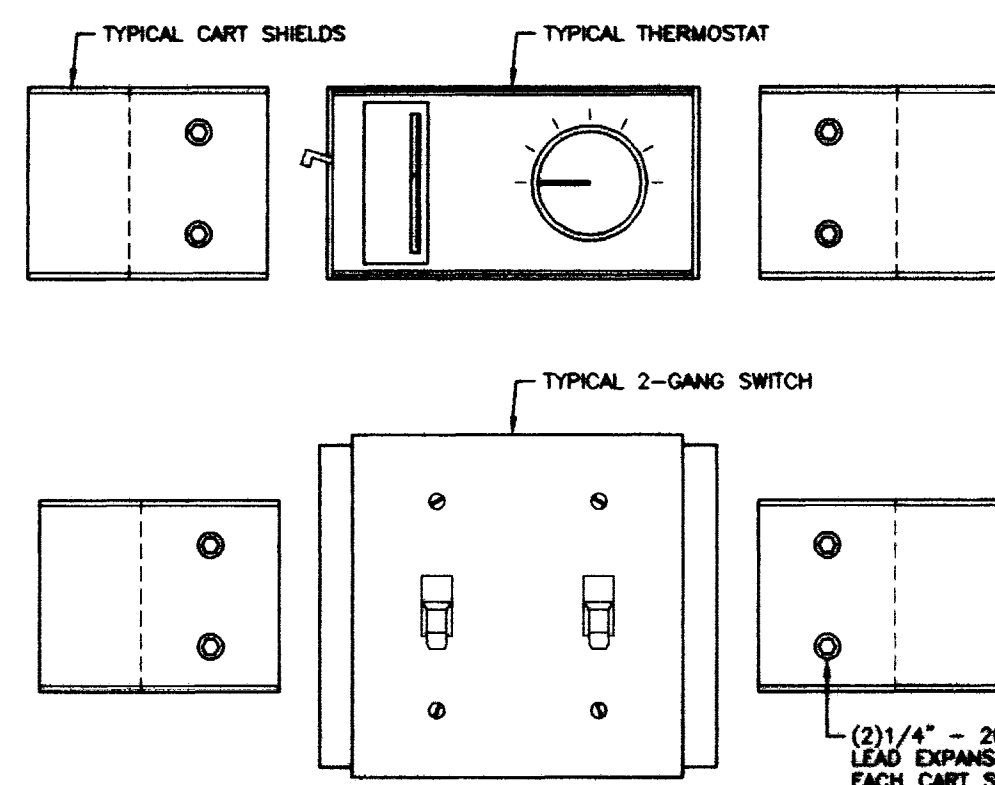
NEW FIRE PROTECTION PLAN - ALTERNATE # 3
 SCALE: 1/8" = 1'-0"

- GENERAL NOTES - FIRE PROTECTION**
1. PIPING IN ROOMS WITH SUSPENDED CEILINGS 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. PROVIDE DRAINS AT LOW POINTS PER NFPA-13.
 8. USE MANUFACTURED FITTINGS OR MECHANICAL TEES, ELLS, ETC. (SEE SPECIFICATIONS). WELDOLETS, SIMILAR WELDED CONNECTIONS AND WELDED PIPING ARE NOT ACCEPTABLE.
 9. PITCH ALL SPRINKLER PIPING TO MAIN. IF PIPING CANNOT BE PITCHED TO MAIN, PROVIDE AUXILIARY DRAINS AT LOW POINTS.
 10. PROVIDE GUARDS ON ALL HEADS INSTALLED 8'-0" OR LESS ABOVE THE FLOOR IN MECHANICAL STORAGE AREAS.
 11. IN MECHANICAL ROOMS OR SIMILAR AREAS WHERE INTERFERENCES OCCUR WITH SPRINKLER DISCHARGE, PROVIDE ADDITIONAL SPRINKLER HEAD(S) AS REQUIRED PER NFPA-13.
 12. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF SPRINKLER HEADS.

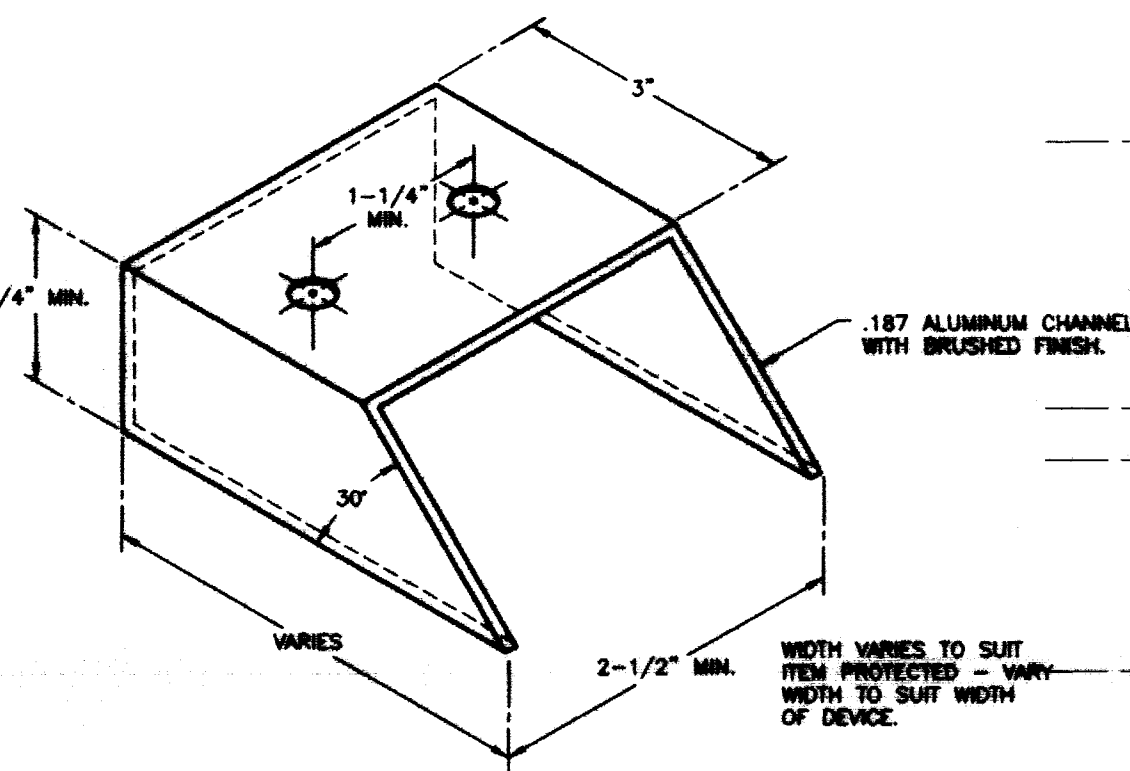
FIRE PROTECTION PLAN - ANIMAL CARE FLOOR
 SCALE: 1/8" = 1'-0"
 (FINISHED FL. ELEV. 979'-0")

DRAWING: 5-TUMC 001 REV. 01/98. P1/3. 1/2" DIA. DIMS. SCALE = 1/8" = 1'-0". DATE: 02/22/98 AT 07:57

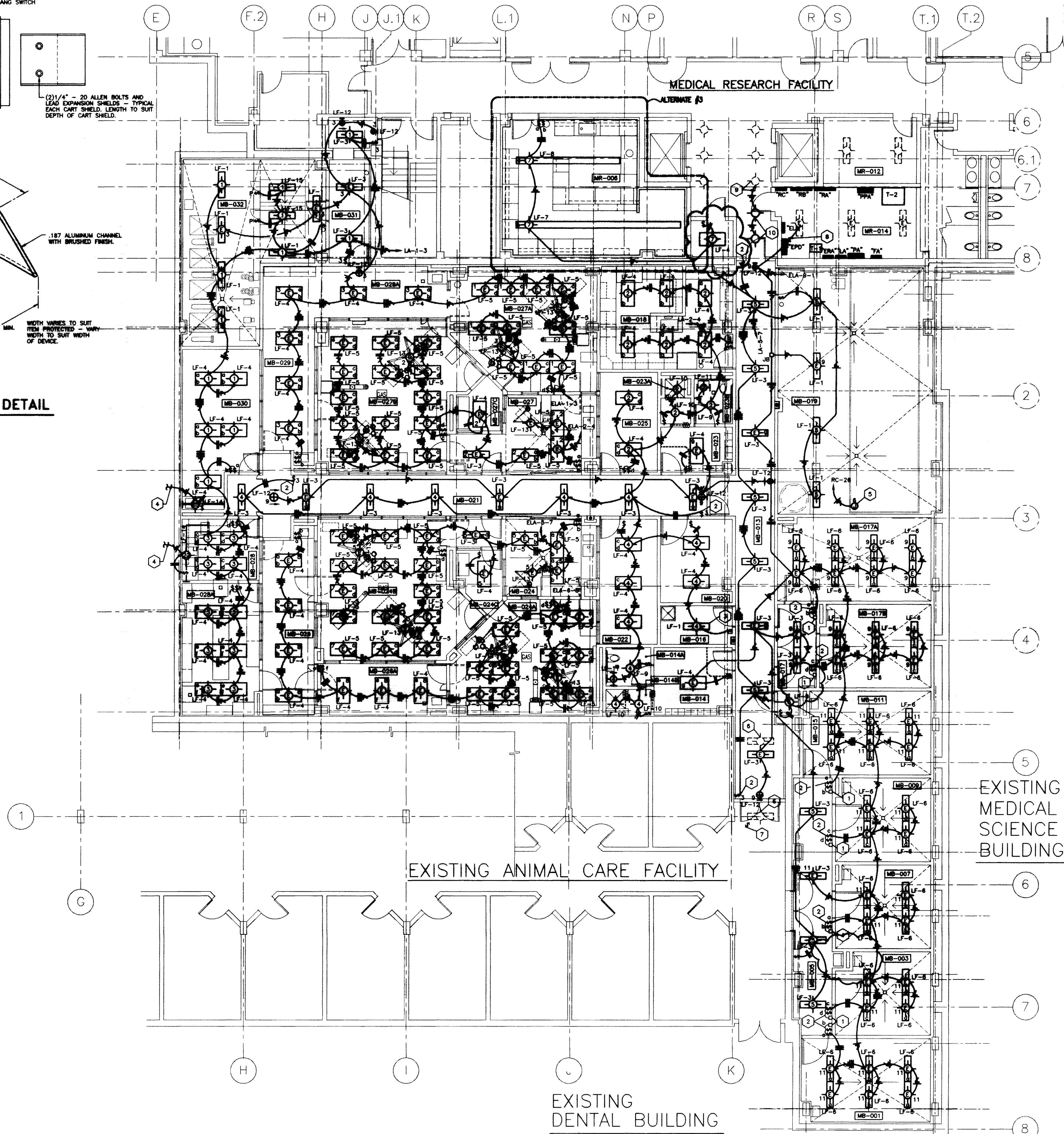
OFFICIAL BID DOCUMENT



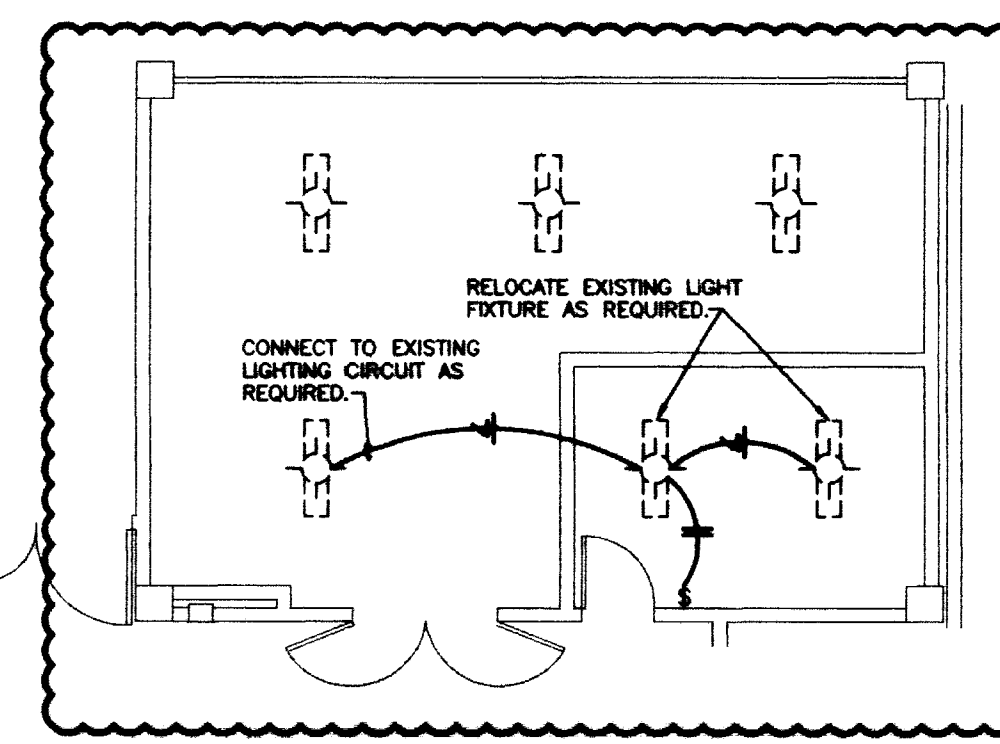
DEPTH VARIES TO SUIT ITEM PROTECTED - VARY DEPTH TO 1/8" OF DEVICE.



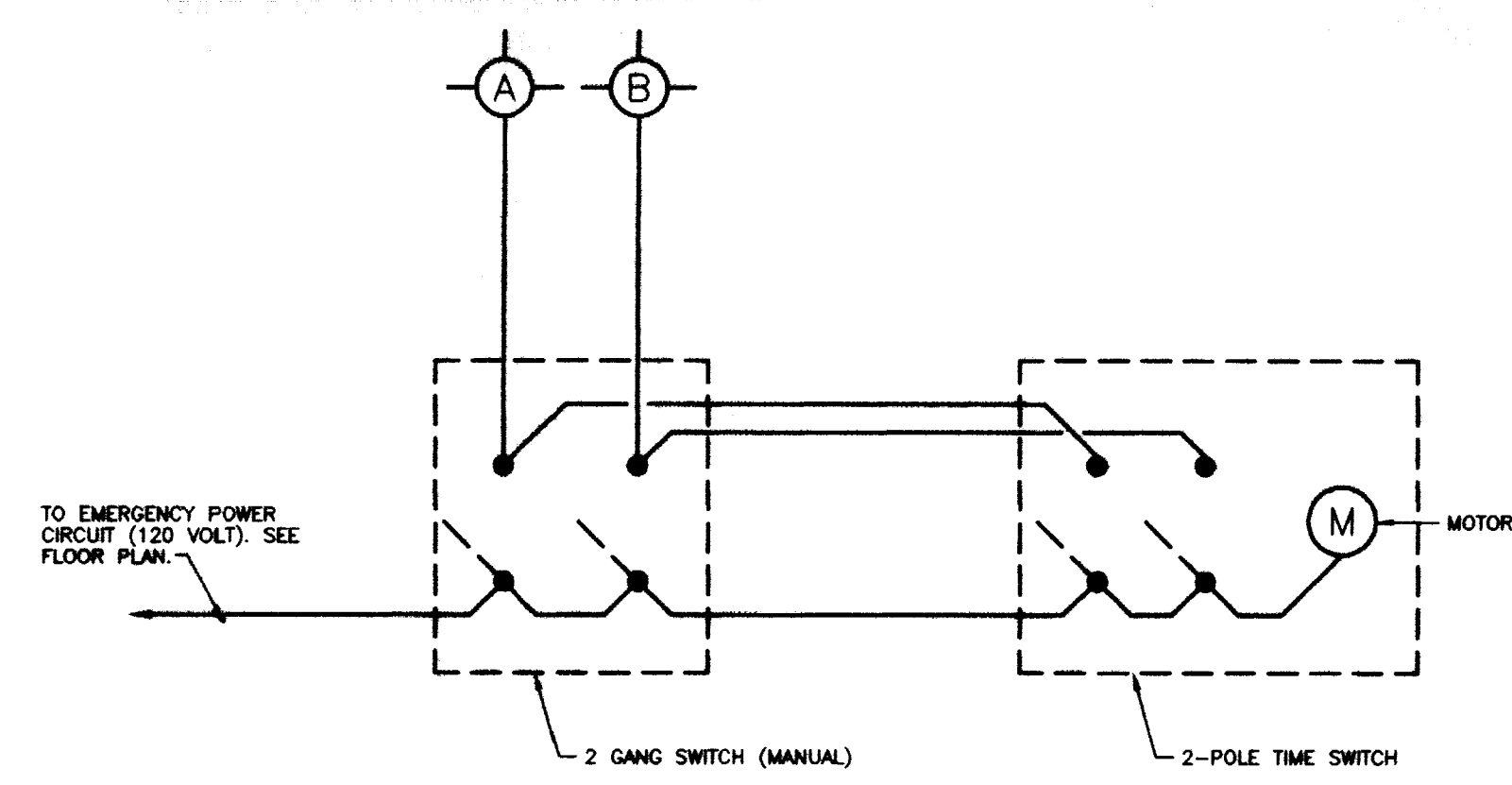
CART SHIELD DETAIL
NO SCALE



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



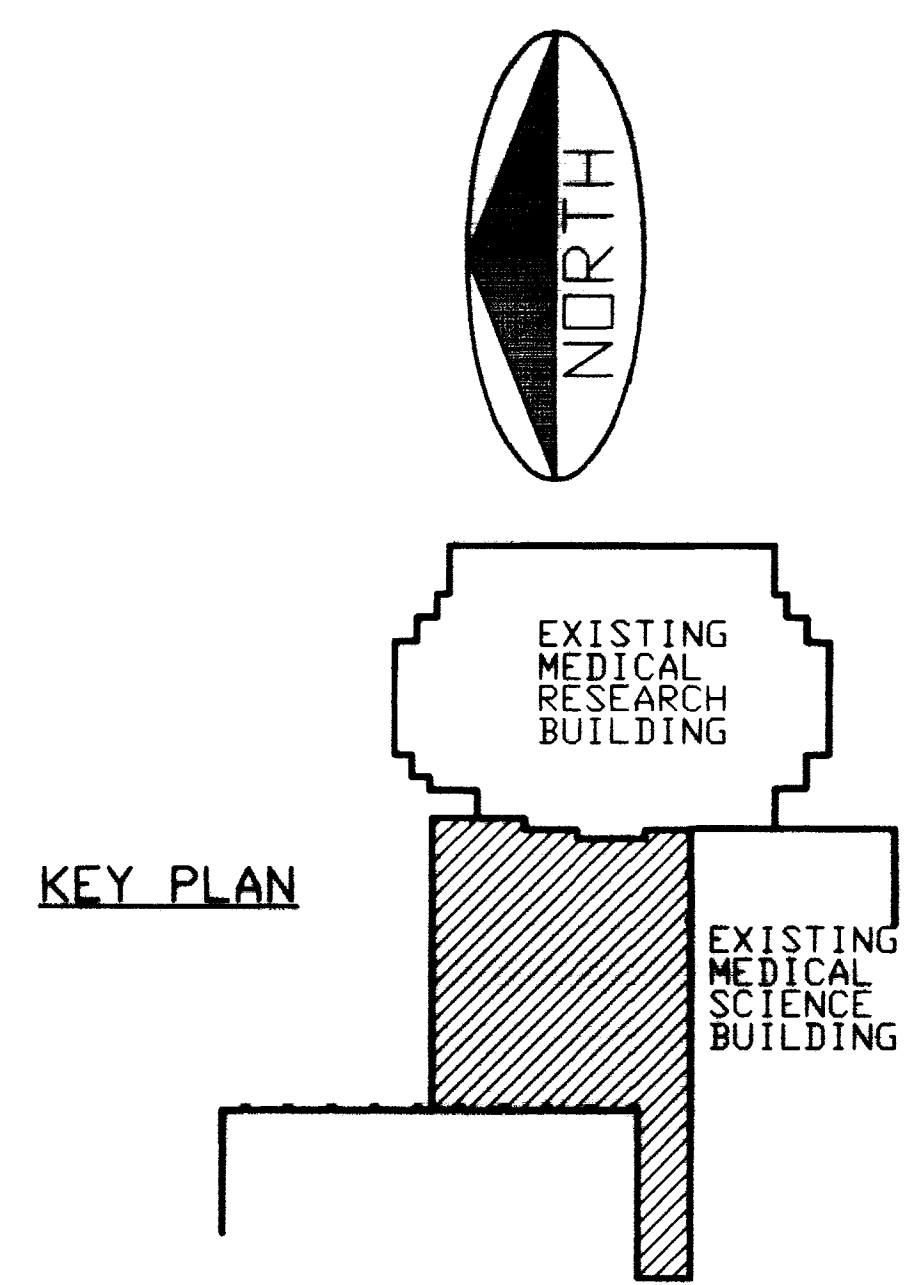
- NOTED NOTES:**
1. FLUSH-MOUNTED TIME SWITCH IN CORRIDOR FOR ROOM LIGHTING CONTROL. INSTALL WITH CENTERLINE 5'-0" ABOVE FLOOR.
 2. PROVIDE CART SHIELD AT DEVICES AS INDICATED. SEE DETAIL THIS SHEET.
 3. SURFACE MOUNT LIGHT FIXTURE AS REQUIRED.
 4. DOWN TO RECEPTACLE BELOW. REFER TO POWER PLAN, DRAWING 10.4.
 5. PROVIDE ELECTRICAL CONNECTION TO LIGHTS IN AIR HANDLER (SUPPLIED WITH UNIT) IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
 6. EXISTING LIGHT FIXTURE TO BE REMOVED. REMOVE ALL ASSOCIATED CONDUIT, CONDUCTORS ETC. AS REQUIRED.
 7. EXISTING LIGHT SWITCH TO BE REMOVED.
 8. CONNECT EXISTING LIGHTS TO NEW EMERGENCY CIRCUIT AS INDICATED.
 9. CONNECT TO EXISTING CIRCUIT AS REQUIRED.
 10. NEW LIGHT FIXTURES TO MATCH EXISTING.



TYPICAL ANIMAL ROOM LIGHTING CONTROL DIAGRAM
NO SCALE

ROOM SCHEDULE:

MB-001	ANIMAL ROOM
MB-003	ANIMAL ROOM
MB-005	ANIMAL ROOM
MB-007	ANIMAL ROOM
MB-009	ANIMAL ROOM
MB-011	ANIMAL ROOM
MB-013	ANIMAL ROOM
MB-014	MEN'S TOILET
MB-014A	TOILET
MB-014B	SHOWER
MB-015	JANITOR
MB-016	HOUSEKEEPING
MB-017	VESTIBULE
MB-017A	ANIMAL ROOM
MB-018	CLINICAL ROOM
MB-019	MECHANICAL ROOM
MB-020	STORAGE
MB-021	CORRIDOR
MB-022	OFFICE
MB-023	WOMEN'S LOCKER
MB-023A	SHOWER
MB-023B	TOILET
MB-024	PREP
MB-024A	SURGERY #1
MB-024B	SURGERY #3
MB-024C	SCRUB
MB-025	OFFICE
MB-026	RECOVERY
MB-026A	RECOVERY
MB-027	PREP
MB-027A	SURGERY #1
MB-027B	SURGERY #2
MB-027C	RECOVERY
MB-028	DECONTAMINATION
MB-028A	STONE PROCESSING
MB-029	RECOVERY
MB-029A	RECOVERY
MB-030	EQUIP. STORAGE
MB-031	MECHANICAL
MB-032	LABORATORY
MB-033	MECHANICAL
MR-012	MED. GAS STORAGE
MR-014	MECHANICAL



RECORD DRAWINGS DATE FEBRUARY 1998

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.

CJM

CHAPMAN · MILLER · WOODCOCK · INC.
ARCHITECTURE ENGINEERING PLANNING INTERIOR LANDSCAPE ARCHITECTURE

SF

STATE OF KENTUCKY
GREGORY C. FISHER
REGISTERED PROFESSIONAL ENGINEER
EXPIRES 12/31/99

LIGHTING PLAN

Animal Care Shell Fit-up
University of Kentucky
Project No. 1627.0

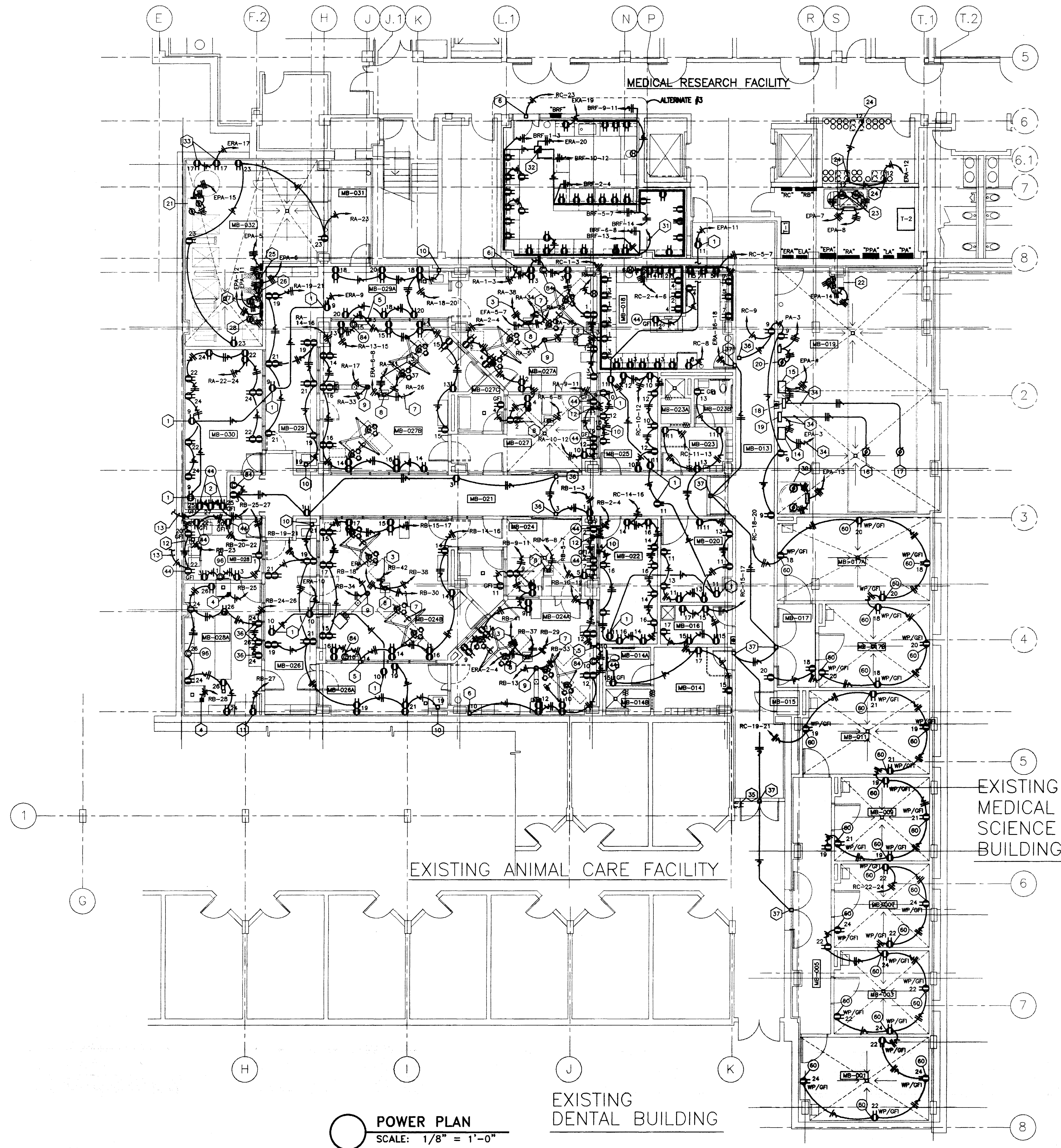
DATE: AUG 1, 1998
DRAWN BY: WFB
CHECKED BY: GGC
REVISIONS:
DATE: 06/07/97

SHEET NUMBER
10.11

PROJECT NUMBER
1627.0

OFFICIAL BID DOCUMENT

STAGGS & FISHER CONSULTING ENGINEERS, INC.

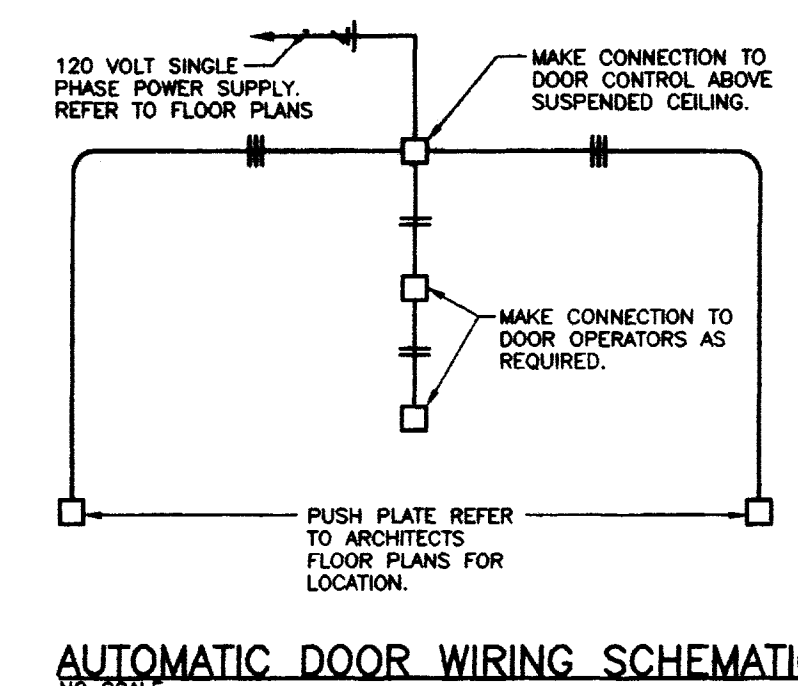


POWER PLAN
SCALE: 1/8" = 1'-0"

- CODED NOTES:**
- OUTLET MOUNTED IN CEILING FOR CLOSED CIRCUIT CAMERA.
 - OUTLET FOR UNDER COUNTER REFRIGERATOR.
 - 3/4" S AND 1/8" GRD. IN 1".
 - NEW STERILIZER, MAKE CONNECTION AS REQUIRED.
 - X-RAY VIEW BOX, MAKE CONNECTION AS REQUIRED.
 - MAKE CONNECTION TO WARMING CABINET AS REQUIRED.
 - 3/4" S AND 1/8" GRD. IN 1".
 - MAKE CONNECTION TO RETRACTABLE COLUMN AS REQUIRED.
 - MAKE CONNECTION TO SURGICAL COLUMN AS REQUIRED.
 - MAKE CONNECTION TO INFRA RED SENSOR FOR SINK AS REQUIRED.
 - COLD STERILIZER.
 - MAKE CONNECTION TO ULTRASONIC CLEANER AS REQUIRED.
 - UP TO UNDERCOUNTER LIGHT FIXTURE ABOVE. REFER TO LIGHTING PLAN, DRAWING 10-11.
 - DRIVE ISOLATION TRANSFORMER (SUPPLIED WITH VARIABLE SPEED DRIVE) TO SERVE SUPPLY FAN SF-1.
 - DRIVE ISOLATION TRANSFORMER (SUPPLIED WITH VARIABLE SPEED DRIVE) TO SERVE SUPPLY FAN SF-2.
 - SUPPLY FAN SF-1 --- 40 H.P. --- 480V, 3Ø.
 - SUPPLY FAN SF-2 --- 40 H.P. --- 480V, 3Ø.
 - VARIABLE SPEED DRIVE TO FEED SUPPLY FAN SF-2.
 - VARIABLE SPEED DRIVE TO FEED SUPPLY FAN SF-1.
 - CENTRAL VACUUM --- 5 H.P. --- 480V, 3Ø. PROVIDE ELECTRICAL CONNECTION IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
 - CONDENSATE PUMP CP-1 --- (2) 3/4 HP --- 480V, 3Ø.
 - CONDENSATE PUMP CP-2 --- (2) 1/2 H.P. --- 480V, 3Ø.
 - MED. VACUUM PUMP --- 3 H.P. --- 480V, 3Ø.
 - MAKE CONNECTION TO MED. GAS MANIFOLD AS REQUIRED.
 - PREHEAT PUMP P-3 --- 7 1/2 HP --- 480V, 3Ø.
 - PREHEAT PUMP P-4 --- 7 1/2 HP --- 480V, 3Ø.
 - PREHEAT PUMP P-1 --- 3/4 HP --- 480V, 3Ø.
 - PREHEAT PUMP P-2 --- 3/4 HP --- 480V, 3Ø.
 - NOT USED.
 - SEWAGE PUMP EJECTOR --- (2) 3 HP --- 480V, 3Ø.
 - 3/4" C. FROM EMERGENCY RACEWAY STUBBED UP ABOVE CEILING SPACE AND CAPPED FOR FUTURE.
 - 2-POLE MECHANICALLY HELD CONTACTOR. CONNECT HOLDING COILS TO NORMAL POWER.
 - OUTLETS FOR WATERING SYSTEM COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR.
 - 3/4" S AND 1/8" GRD. IN 1-1/4".
 - EXISTING ELECTRICAL OUTLET TO REMAIN UNLESS IN CONFLICT WITH NEW CONSTRUCTION. REMOVE IF REQUIRED.
 - ALARM BELL AND LIGHT FOR EMERGENCY SHOWER. PROVIDE ELECTRICAL CONNECTION IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS.
 - MAKE CONNECTION TO ELECTRIC DOOR HARDWARE AS REQUIRED.

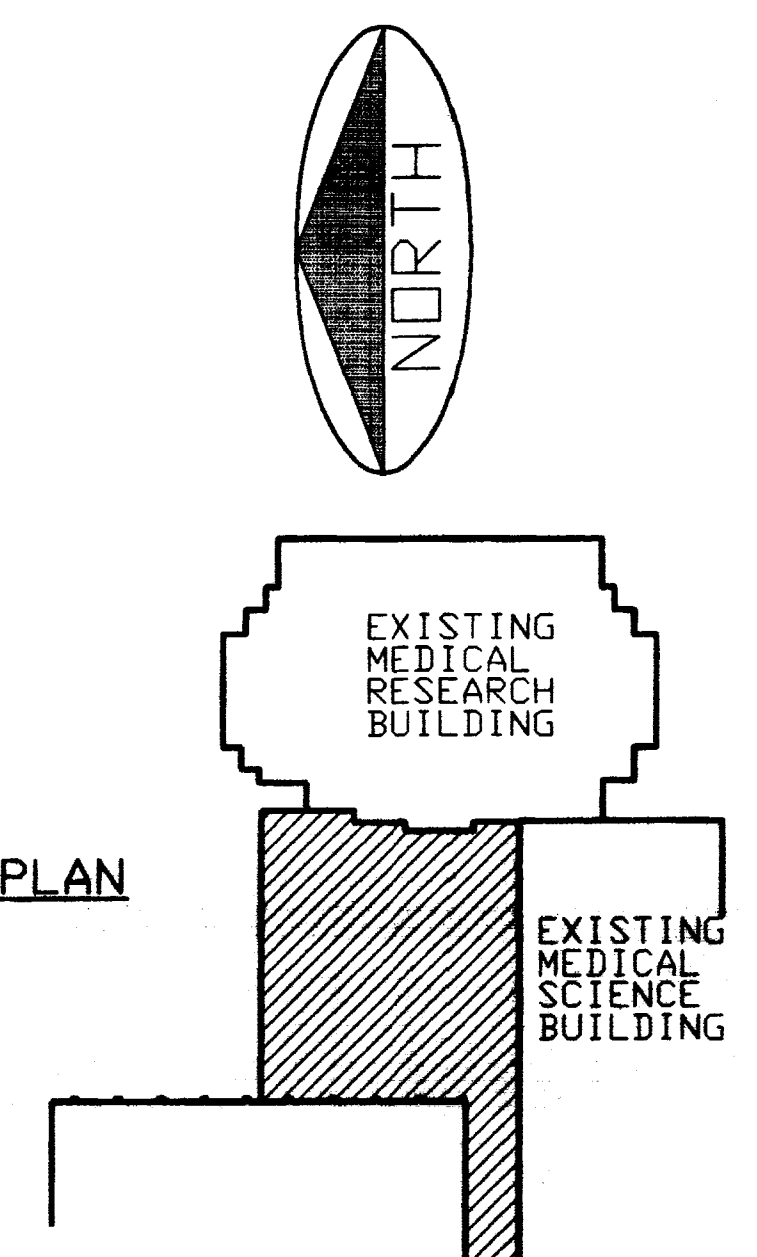
ROOM SCHEDULE:

MB-001	ANIMAL ROOM
MB-002	ANIMAL ROOM
MB-003	COORIDOR
MB-007	ANIMAL ROOM
MB-008	ANIMAL ROOM
MB-011	ANIMAL ROOM
MB-013	COORIDOR
MB-014	MEN'S TOILET
MB-014A	TOILET
MB-014B	SHOWER
MB-014C	JANITOR
MB-015	HOUSEKEEPING
MB-017	VESTIBULE
MB-017A	ANIMAL ROOM
MB-018	ANIMAL ROOM
MB-019	CLINICAL ROOM
MB-020	STORAGE
MB-021	CORRIDOR
MB-022	OFFICE
MB-023	WOMEN'S LOCKER
MB-023A	SHOWER
MB-023B	TOILET
MB-024	PREP
MB-024A	SURGERY #1
MB-024B	SURGERY #1
MB-024C	SCRUB
MB-025	OFFICE
MB-026	RECOVERY
MB-027	RECOVERY
MB-027A	SURGERY #1
MB-027B	SURGERY #1
MB-027C	SCRUB
MB-028	DECONTAMINATION
MB-028A	STERILE PROCESSING
MB-029	RECOVERY
MB-029A	RECOVERY
MB-030	EQUIP. STORAGE
MB-031	COORIDOR
MB-032	MECHANICAL



AUTOMATIC DOOR WIRING SCHEMATIC
NO SCALE

KEY PLAN



FINAL DOCUMENTS

CJM
CURRIEMAN MILLER WOODFORD INC.
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POWER PLAN
Animal Care Shell Fit-up
University of Kentucky
Project No. 1627.0

EXISTING MEDICAL RESEARCH BUILDING
EXISTING MEDICAL SCIENCE BUILDING
EXISTING DENTAL BUILDING

KEY PLAN

FINAL DOCUMENTS

SHEET NUMBER
10.12

PROJECT NUMBER
1627.0

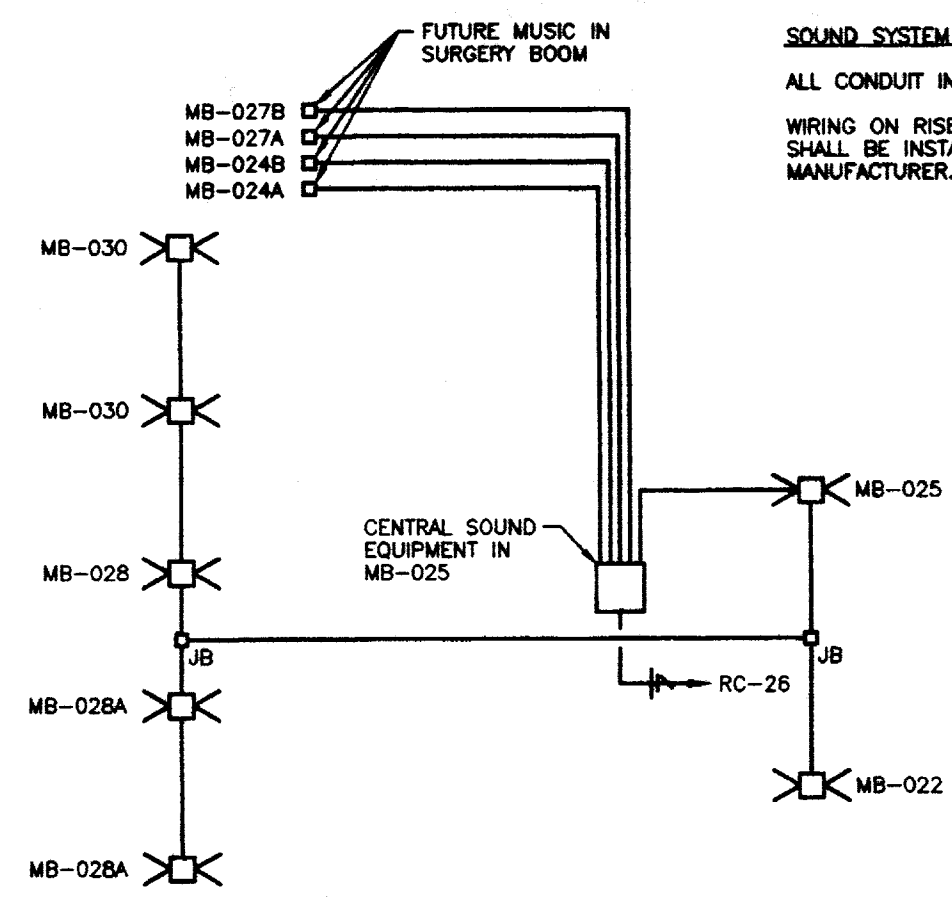
DATE: AUG 1 1998
DRAWN BY: WFG
CHECKED BY: GOC

REVISIONS:
DATE 1
DATE 2
DATE 3
DATE 4

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

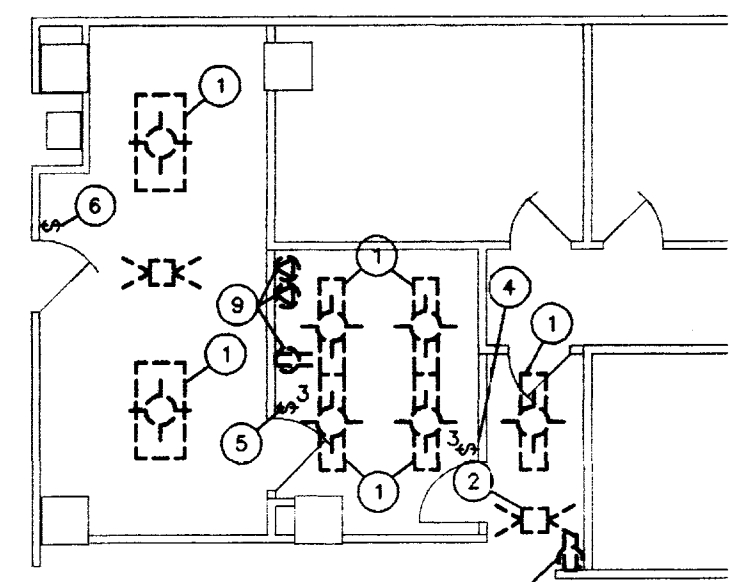
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Sheet # 51
Project # B-2

OFFICIAL BID DOCUMENT

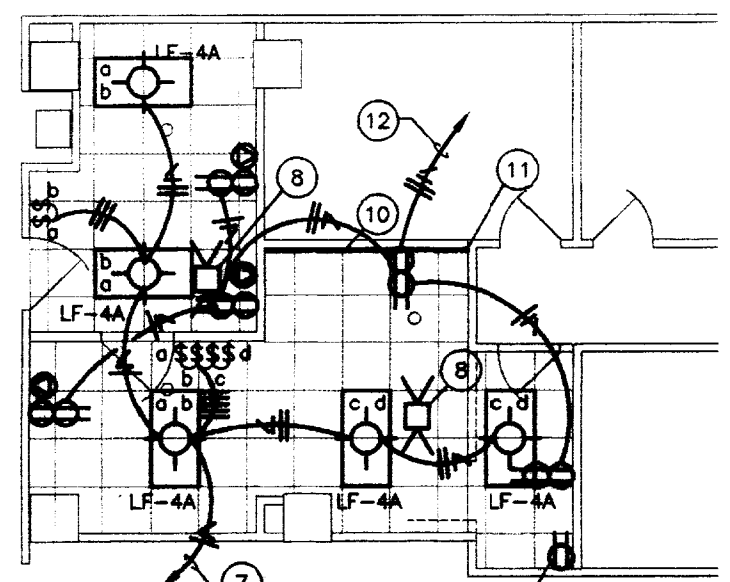


SOUND SYSTEM NOTES:
 ALL CONDUIT IN SOUND SYSTEM SHALL BE 3/4" SIZE, EXCEPT AS OTHERWISE NOTED.
 WIRING ON RISER DIAGRAM IS FOR BID PURPOSES ONLY. ALL WIRING AND CONDUIT SHALL BE INSTALLED IN ACCORDANCE WITH WIRING DIAGRAMS OBTAINED FROM THE MANUFACTURER.

SOUND SYSTEM RISER DIAGRAM
 NO SCALE

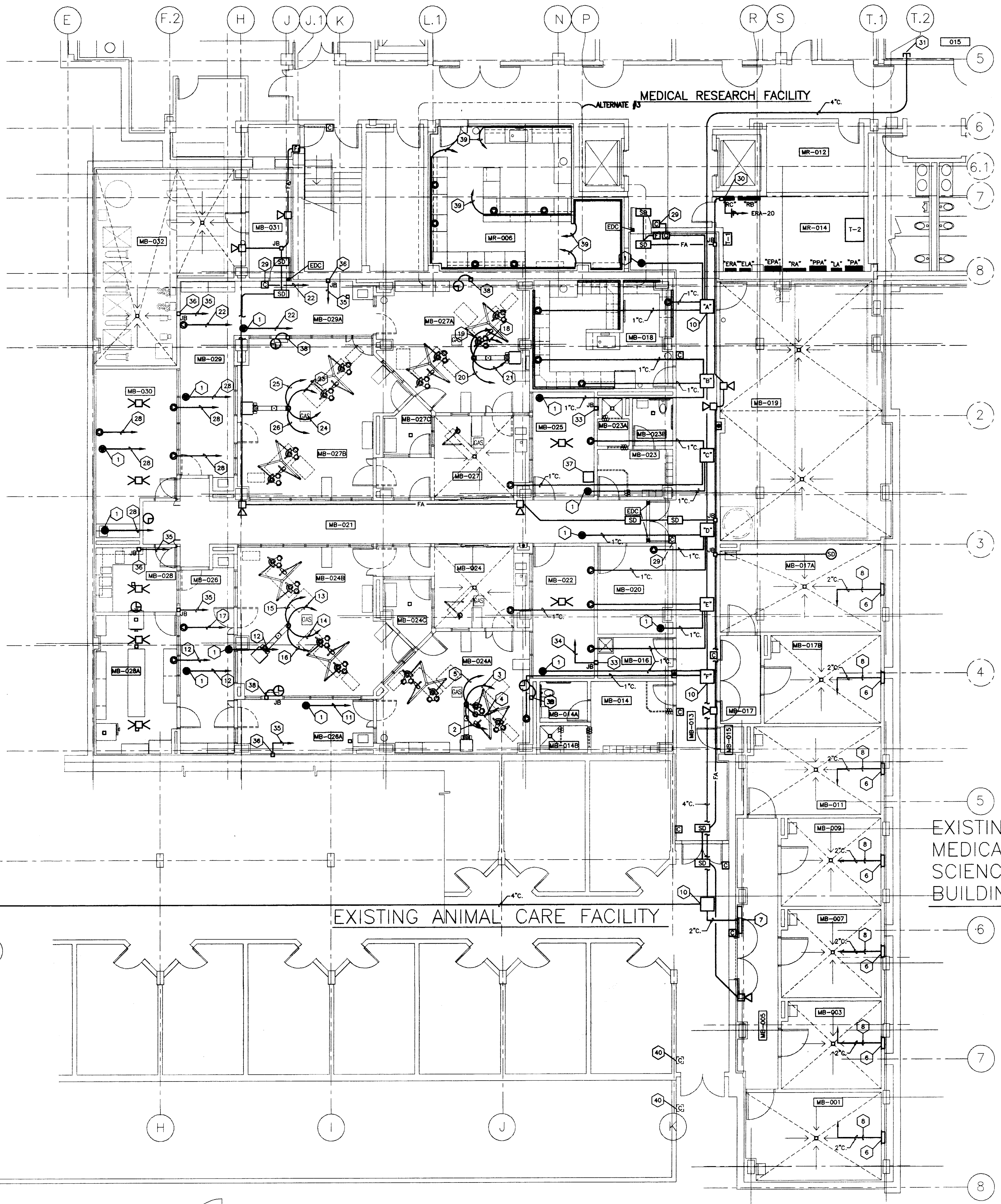


DEMOLITION ELECTRICAL PLAN - PARTIAL FIRST FLOOR
 SCALE: 1/8" = 1'-0"



NEW ELECTRICAL PLAN - PARTIAL FIRST FLOOR
 SCALE: 1/8" = 1'-0"

NOTE:
 ALL COMMUNICATION OUTLETS SHALL BE INDIVIDUAL 1" CONDUIT TO ROOM H-100



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

ROOM SCHEDULE:

MB-001	ANIMAL ROOM
MB-003	ANIMAL ROOM
MB-005	COOKER
MB-007	ANIMAL ROOM
MB-009	ANIMAL ROOM
MB-011	ANIMAL ROOM
MB-013	COOKER
MB-014	MEN'S TOILET
MB-014A	TOILET
MB-014B	SHOWER
MB-015	JANITOR
MB-016	HOUSEKEEPING
MB-017	VESTIBULE
MB-017A	ANIMAL ROOM
MB-017B	ANIMAL ROOM
MB-018	MECHANICAL ROOM
MB-019	STORAGE
MB-020	OFFICE
MB-021	CORRIDOR
MB-022	OFFICE
MB-023	WOMEN'S LOCKER
MB-024	SHOWER
MB-024A	TOILET
MB-024B	PREP
MB-024C	SURGERY #4
MB-024D	SURGERY #3
MB-025	OFFICE
MB-026	RECOVERY
MB-026A	RECOVERY
MB-026B	RECOVERY
MB-026C	RECOVERY
MB-026D	RECOVERY
MB-026E	RECOVERY
MB-026F	RECOVERY
MB-026G	RECOVERY
MB-026H	RECOVERY
MB-026I	RECOVERY
MB-026J	RECOVERY
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MB-026U	RECOVERY
MB-026V	RECOVERY
MB-026W	RECOVERY
MB-026X	RECOVERY
MB-026Y	RECOVERY
MB-026Z	RECOVERY
MB-027	RECOVERY
MB-027A	SURGERY #1
MB-027B	SURGERY #2
MB-027C	SCRUB
MB-027D	DECONTAMINATION
MB-027E	STERILE PROCESSING
MB-027F	RECOVERY
MB-027G	RECOVERY
MB-027H	RECOVERY
MB-027I	RECOVERY
MB-027J	RECOVERY
MB-027K	RECOVERY
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MB-027R	RECOVERY
MB-027S	RECOVERY
MB-027T	RECOVERY
MB-027U	RECOVERY
MB-027V	RECOVERY
MB-027W	RECOVERY
MB-027X	RECOVERY
MB-027Y	RECOVERY
MB-027Z	RECOVERY
MB-028	RECOVERY
MB-028A	EQUIP. STORAGE
MB-028B	RECOVERY
MB-028C	RECOVERY
MB-028D	RECOVERY
MB-028E	RECOVERY
MB-028F	RECOVERY
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MB-028H	RECOVERY
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MB-030T	RECOVERY
MB-030U	RECOVERY
MB-030V	RECOVERY
MB-030W	RECOVERY
MB-030X	RECOVERY
MB-030Y	RECOVERY
MB-030Z	RECOVERY

- CODED NOTES:**
- CAMERA MONITOR OUTLET MOUNTED IN CEILING.
 - 1" TO J-BOX "T" FOR CLOSED CIRCUIT TELEVISION. MAKE CONNECTION TO SURGICAL BOOM AS REQUIRED.
 - 1-1/4" TO J-BOX "T" FOR PHYSIOLOGICAL MONITORING. MAKE CONNECTION TO SURGICAL BOOM AS REQUIRED.
 - 1" TO J-BOX "T" FOR COMMUNICATIONS. MAKE CONNECTION TO SURGICAL BOOM AS REQUIRED.
 - 3/4" TO J-BOX "T" FOR MUSIC. MAKE CONNECTION TO SURGICAL BOOM AS REQUIRED.
 - 12"x24"x1/2" DEEP NEMA 4X J-BOX TO BE MOUNTED 48" ABOVE FINISHED FLOOR.
 - NEMA 4 J-BOX.
 - TO NEMA 4 J-BOX LOCATED IN CORRIDOR MB-005.
 - NOT USED.
 - 24"x24"x6" J-BOX (TYPICAL).
 - 1" TO J-BOX "T".
 - 1" TO J-BOX "T".
 - 1" TO J-BOX "T".
 - 1" TO J-BOX "T" FOR CLOSED CIRCUIT TELEVISION. MAKE CONNECTION TO SURGICAL BOOM AS REQUIRED.
 - 1-1/4" TO J-BOX "T" FOR PHYSIOLOGICAL MONITORING. MAKE CONNECTION TO SURGICAL BOOM AS REQUIRED.
 - 1" TO J-BOX "T" FOR COMMUNICATIONS. MAKE CONNECTION TO SURGICAL BOOM AS REQUIRED.
 - 3/4" TO J-BOX "T" FOR MUSIC. MAKE CONNECTION TO SURGICAL BOOM AS REQUIRED.
 - 1" TO J-BOX "T".
 - 1" TO J-BOX "T".
 - 1" TO J-BOX "T" FOR CLOSED CIRCUIT TELEVISION. MAKE CONNECTION TO SURGICAL BOOM AS REQUIRED.
 - 1-1/4" TO J-BOX "T" FOR PHYSIOLOGICAL MONITORING. MAKE CONNECTION TO SURGICAL BOOM AS REQUIRED.
 - 1" TO J-BOX "T" FOR COMMUNICATIONS. MAKE CONNECTION TO SURGICAL BOOM AS REQUIRED.
 - 3/4" TO J-BOX "T" FOR MUSIC. MAKE CONNECTION TO SURGICAL BOOM AS REQUIRED.
 - 1" TO J-BOX "T".
 - 1" TO J-BOX "T".
 - 1" TO J-BOX "T" FOR CLOSED CIRCUIT TELEVISION. MAKE CONNECTION TO SURGICAL BOOM AS REQUIRED.
 - 1-1/4" TO J-BOX "T" FOR PHYSIOLOGICAL MONITORING. MAKE CONNECTION TO SURGICAL BOOM AS REQUIRED.
 - 1" TO J-BOX "T" FOR COMMUNICATIONS. MAKE CONNECTION TO SURGICAL BOOM AS REQUIRED.
 - 3/4" TO J-BOX "T" FOR MUSIC. MAKE CONNECTION TO SURGICAL BOOM AS REQUIRED.
 - 1" TO J-BOX "T".
 - 1" TO J-BOX "T".
 - J-BOX FOR CARD READER AND OUTLET FOR ELECTRIC STRIKE IN DOOR FRAME.
 - NEW FIRE ALARM CONTROL PANEL.
 - STUB CONDUIT INTO EXISTING COMMUNICATIONS ROOM 015 IN THE EXISTING MPRES BUILDING.
 - STUB CONDUIT INTO EXISTING COMMUNICATIONS CLOSET 150 IN THE EXISTING ANIMAL CARE BUILDING.
 - 8 1/2"x2 1/2"x1/2" DEEP BOX WITH 4-GANG PLASTER RING FOR FUTURE MONITORING.
 - 2" TO MONITOR J-BOX IN OFFICE MB-025.
 - 1" TO MONITOR J-BOX IN OFFICE MB-025.
 - 4"x4"x2" J-BOX WITH SINGLE GANG PLASTER RING FOR FUTURE MONITORING.
 - CENTRAL SOUND EQUIPMENT.
 - CLOCK CONTROL.
 - (1) 1" FROM LOW-VOLTAGE RACEWAY TO CABLE TRAY IN CORRIDOR AS REQUIRED.
 - REPLACE EXISTING CARD READERS AND PROVIDE NEW DEVICES AS REQUIRED TO CONNECT EXISTING DOOR TO NEW SECURITY.
 - EXISTING DOOR MONITOR SWITCHES TO BE CONNECTED TO NEW SECURITY SYSTEM.

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LOW VOLTAGE PLAN
 Animal Care Shell Fit-up
 University of Kentucky
 Project No. 1627.0

KEY PLAN
 EXISTING MEDICAL RESEARCH BUILDING
 EXISTING MEDICAL SCIENCE BUILDING

FINAL DOCUMENTS

SHEET NUMBER
 10.13

PROJECT NUMBER
 1627.0

DATE: AUG 1, 1999
DRAWN BY: WTC
CHECKED BY: GOC
REVISION:
 DATE: _____
 BY: _____

SHEET NUMBER
 10.13

PROJECT NUMBER
 1627.0

DISTRIBUTION PANELBOARD "PA" SCHEDULE				
277/480V - 3 PHASE - 4 WIRE				
CIRCUIT NUMBER	APPLICATION	POLES	CAPACITY IN AMPS	
PA-1	TRANSFORMER (T-1)	3	300	
PA-2	PANELBOARD (ELA)	3	100	
PA-3	SPARE	3	60	
PA-4	SPARE	3	60	
PA-5	SPARE	3	30	
PA-6	SPARE	3	30	

DISTRIBUTION PANELBOARD "EPA" SCHEDULE				
277/480V - 3 PHASE - 4 WIRE				
CIRCUIT NUMBER	APPLICATION	POLES	CAPACITY IN AMPS	
EPA-1	TRANSFORMER (T-1)	3	20	
EPA-2	PANELBOARD (ELA)	3	60	
EPA-3	SUPPLY FAN (SF-1)	3	70	
EPA-4	SUPPLY FAN (SF-2)	3	70	
EPA-5	PREDHEAT PUMP (PU-1)	3	20	
EPA-6	PREDHEAT PUMP (PU-2)	3	20	
EPA-7	VACUUM PUMP 3 H.P.	3	15	
EPA-8	VACUUM PUMP 3 H.P.	3	15	
EPA-9	SPARE	3	15	
EPA-10	SPARE	3	15	
EPA-11	PREDHEAT (PU-1)-1/3 H.P.	3	15	
EPA-12	PREDHEAT (PU-2)-1/3 H.P.	3	15	
EPA-13	SEWAGE EJECTOR (S) 3 H.P.	3	15	
EPA-14	SPARE	3	60	
EPA-15	SPARE	3	30	
EPA-16	SPARE	3	30	
EPA-17	SPARE	3	30	

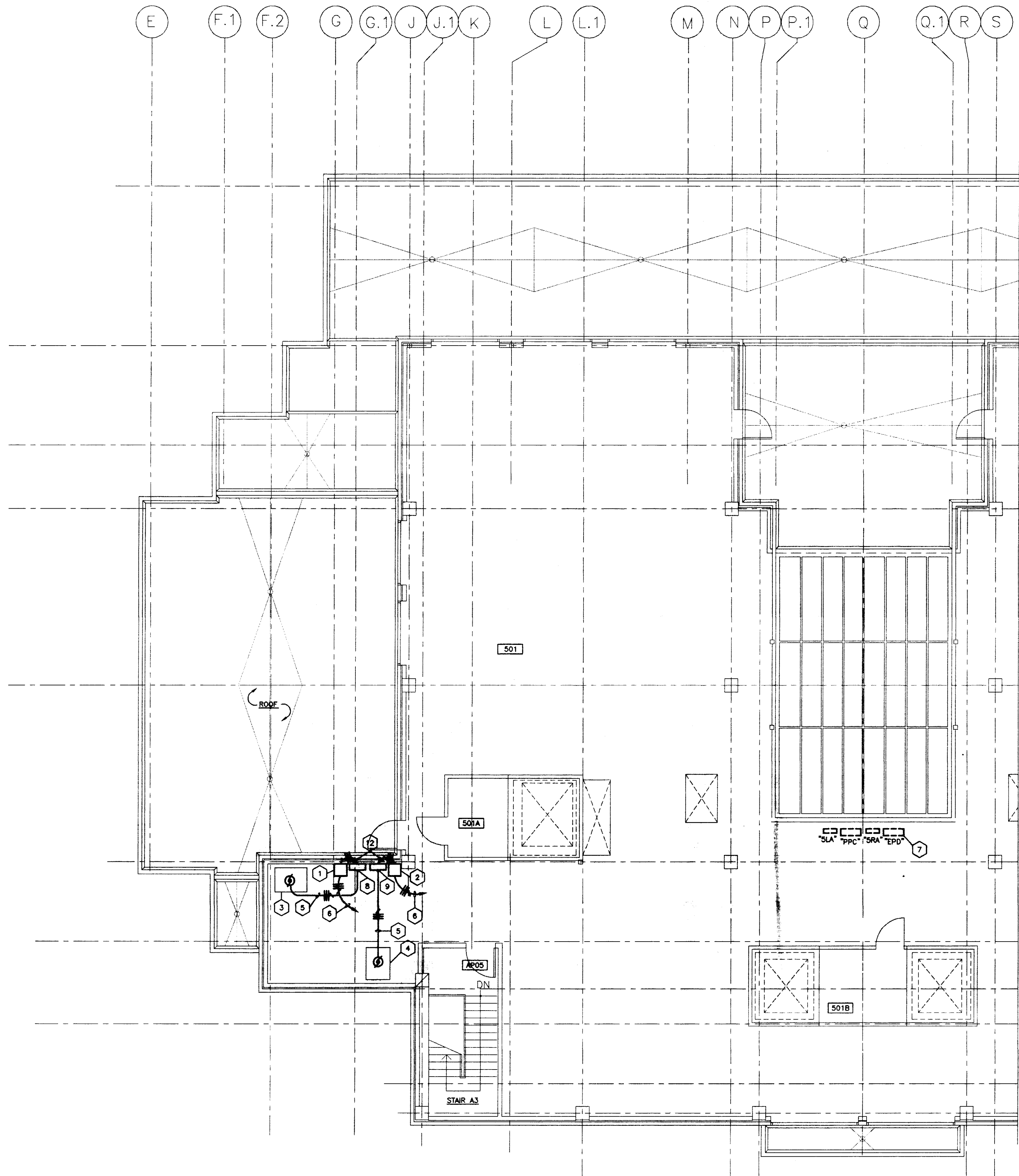
DISTRIBUTION PANELBOARD "PPA" SCHEDULE				
120/208V - 3 PHASE - 4 WIRE				
CIRCUIT NUMBER	APPLICATION	POLES	CAPACITY IN AMPS	
PPA-1	MAN	3	800	
PPA-2	PANELBOARD "PA"	3	400	
PPA-3	PANELBOARD "EP"	3	400	
PPA-4	PANELBOARD "TC"	3	250	
PPA-5	SPARE	3	60	
PPA-6	SPARE	3	60	
PPA-7	SPARE	3	30	
PPA-8	SPARE	3	30	

STEP-DOWN TRANSFORMER SCHEDULE						
TRANSFORMER NUMBER	KVA	PRIMARY VOLTAGE	SECONDARY VOLTAGE	PHASE	LOCATION	APPLICATION
T-1	30	277/480	120/208	3	MR-014	
T-2	300	277/480	120/208	3	MR-014	

PANELBOARD - "ELA"														
MOUNTING - SURFACE														
LOCATION - MR-014														
VOLTAGE - 480 / 277														
225 A - MLD														
3 - PHASE														
LOAD	KW	TYPE	CB	POLE	WIRE SIZE	BRK #	PHASE	BRK #	WIRE SIZE	POLE	LOAD	KW	LOAD	
027A	2.8	L	9	1	12	1	X	2	12	1	8	L	1.8	027C
028A, 028	1.7	L	6	1	12	3	X	4	12	1	10	L	2.8	027B
024, 024C	1.8	L	6	1	12	5	X	6	12	1	8	L	2.2	024A
024B	2.8	L	10	1	12	7	X	8	12	1	7	L	2	028A, 028, 024A
013, 019, 017A, 017B	2.8	L	10	1	12	9	X	10	12	1	20		0	SPARE
001, 005, 007, 008, 011	2.5	L	9	1	12	11	X	12	12	1	20		0	SPARE
SPARE	0		20	1	12	13	X	14	12	1	20		0	SPARE
SPARE	0		20	1	12	15	X	16	12	1	20		0	SPARE
SPARE	0		20	1	12	17	X	18	12	1	20		0	SPARE
SPARE	0		20	1	12	19	X	20	12	1	20		0	SPARE
SPARE	0		20	1	12	21	X	22	12	1	20		0	SPARE
SPARE	0		20	1	12	23	X	24	12	1	20		0	SPARE
SPARE	0		20	1	12	25	X	26	12	1	20		0	SPARE
SPARE	0		20	1	12	27	X	28	12	1	20		0	SPARE
SPARE	0		20	1	12	29	X	30	12	1	20		0	SPARE

PANELBOARD - "LA"														
MOUNTING - SURFACE														
LOCATION - MR-014														
VOLTAGE - 480 / 277														
100 A - MLD														
3 - PHASE														
LOAD	KW	TYPE	CB	POLE	WIRE SIZE	BRK #	PHASE	BRK #	WIRE SIZE	POLE	LOAD	KW	LOAD	
031, 032, 030	2.5	L	20	1	12	1	X	2	12	1	20	L	2.1	018, 026, 024A, 028B
028, 028A	2	L	20	1	12	3	X	4	12	1	20	L	2.1	001, 005, 014B, 014A, 020, 019
013, 005, 019	1.3	L	20	1	12	5	X	6	12	1	20		0	SPARE
008	1.1	L	20	1	12	7	X	8	12	1	20		0	SPARE
SPARE	0		20	1	12	9	X	10	12	1	20		0	SPARE
SPARE	0		20	1	12	11	X	12	12	1	20		0	SPARE
SPARE	0		20	1	12	13	X	14	12	1	20		0	SPARE
SPARE	0		20	1	12	15	X	16	12	1	20		0	SPARE
SPARE	0		20	1	12	17	X	18	12	1	20		0	SPARE
SPARE	0		20	1	12	19	X	20	12	1	20		0	SPARE
SPARE	0		20	1	12	21	X	22	12	1	20		0	SPARE
SPARE	0		20	1	12	23	X	24	12	1	20		0	SPARE
SPARE	0		20	1	12	25	X	26	12	1	20		0	SPARE
SPARE	0		20	1	12	27	X	28	12	1	20		0	SPARE
SPARE	0		20	1	12	29	X	30	12	1	20		0	SPARE

PANELBOARD - "ERA"														
MOUNTING - SURFACE														
LOCATION - MR-014														
VOLTAGE - 208 / 120														
225 A - MAN														
3 - PHASE														
LOAD	KW	TYPE	CB	POLE	WIRE SIZE	BRK #	PHASE	BRK #	WIRE SIZE	POLE	LOAD	KW	LOAD	
024B	1.2	R	10	1	12	1	X	2	12	1	10	R	1.2	024A
027A	1.2	R	10	1	12	3	X	4	12	1	10	R	1.2	027B
027A	1.2	R	10	1	12	5	X	6	12	1	10	R	1.2	027C
027A (HOOD)	0.8	R	20	1	12	7	X	8	12	1	10	R	1.2	027 (SURGICAL COLUMN)
027 (COUNTER)	0.6	R	20	1	12	9	X	10	12	1	8	R	1	027 (MICROWAVE)
027 (SONIC SINK)	1	R	20	1	12	11	X	12	12	1	8	R	1	027 (REF.)
027B	1.2	R	20	1	12	13	X	14	12	1	10	R	1.2	027B
027B	1.2	R	20	1	12	15	X	16	12	1	10	R	1.2	027B
027B (SURGICAL BOOM)	1.2	R	20	1	12	17	X	18	12	1	8	R	1	027B
028	1	R	20	1	12	19	X	20	12	1	7	R	0.8	028A
029	1	R	20	1	12	21	X	22	12	1	10	R	1.2	030
030	0.8	R	20	1	12	23	X	24	12	1	8	R	1	030
030 (COUNTER)	0.6	R	20	1	12	25	X	26	12	1	20	R	10	027B (SURGICAL COLUMN)
030 (REF.)	1	R	20	1	12	27	X	28	12	1	20	R	2	0
027A (SURGICAL COLUMN)	10	R	50	2	8	28	X	30	12	2	20	R	4	027A (SURGICAL BOOM)
027B (SURGICAL BOOM)	4	R	20	2	12	33	X	34	12	2	20	R	4	027A (SURGICAL COLUMN)
027B (SURGICAL COLUMN)	4	R	20	2	12	37	X	38	12	3	50	R	21	027A (SURGICAL COLUMN)
027B (SURGICAL COLUMN)	21	R	50	3	8	41	X	42	8	41	R	0	SPARE	
027B (SURGICAL BOOM)	4	R	20	2	12	35	X	36	12	2	20	R	4	027A (SURGICAL COLUMN)
027B (SURGICAL COLUMN)	4	R	20	2	12	39	X	40	12	2	20	R	4	027A (SURGICAL COLUMN)
027B (SURGICAL COLUMN)	21	R	50	3	8	41	X	42	8	41	R	0	SPARE	
027B (SURGICAL COLUMN)	0	R	20	1	12	47	X	48	12	1	20	0	SPARE	
027B (SURGICAL COLUMN)	0	R	20	1	12	49	X	50	12	1	20	0	SPARE	
027B (SURGICAL COLUMN)	0	R	20	1	12	51	X	52	12	1	20	0	SPARE	
027B (SURGICAL COLUMN)	0	R	20	1	12	53	X	54	12	1	20	0	SPARE	
027B (SURGICAL COLUMN)	0	R	20	1	12	55	X	56	12	1	20	0	SPARE	
027B (SURGICAL COLUMN)	0	R	20	1	12	57	X	58	12	1	20	0	SPARE	
027B (SURGICAL COLUMN)	0	R	20	1	12	59	X	60	12	1	20	0	SPARE	
027B (SURGICAL COLUMN)	0	R	20	1	12	61	X	62	12	1	20	0	SPARE	
027B (SURGICAL COLUMN)	0	R	20	1	12	63	X	64	12	1	20	0	SPARE	
027B (SURGICAL COLUMN)	0	R	20	1	12	65	X	66	12	1	20	0	SPARE	
027B (SURGICAL COLUMN)	0	R	20	1	12	67	X	68	12	1	20	0	SPARE	
027B (SURGICAL COLUMN)	0	R	20	1	12	69	X	70	12	1	20	0	SPARE	
027B (SURGICAL COLUMN)	0	R	20	1	12	71	X	72	12	1	20	0	SPARE	
027B (SURGICAL COLUMN)	0	R	20	1	12	73	X	74	12	1	20	0	SPARE	
027B (SURGICAL COLUMN)	0	R	20	1	12	75	X	76	12	1	20	0	SPARE	
027B (SURGICAL COLUMN)	0	R	20	1	12	77	X	78	12	1	20	0	SPARE	
027B (SURGICAL COLUMN)	0	R	20	1	12	79	X	80	12	1	20	0	SPARE	
027B (SURGICAL COLUMN)	0	R	20	1	12	81	X	82	12	1	20	0	SPARE	
027B (SURGICAL COLUMN)	0	R	20	1	12	83	X	84	12	1	20	0	SPARE	



POWER PLAN - PARTIAL ROOF
SCALE: 1/8" = 1'-0"

- CODED NOTES:
- DRIVE ISOLATION TRANSFORMER (SUPPLIED WITH VARIABLE SPEED DRIVE) TO SERVE EXHAUST FAN EF-3 ON ROOF.
 - DRIVE ISOLATION TRANSFORMER (SUPPLIED WITH VARIABLE SPEED DRIVE) TO SERVE EXHAUST FAN EF-4 ON ROOF.
 - EXHAUST FAN EF-3 IN PENTHOUSE --- 480V, 3φ --- 20 H.P.
 - EXHAUST FAN EF-4 IN PENTHOUSE --- 480V, 3φ --- 20 H.P.
 - 3 #8's AND 1 #10 GND. IN 3/4".
 - 3 #8's AND 1 #10 GND. IN 3/4". TO NEW 40A/3P. CIRCUIT BREAKER IN EXISTING PANELBOARD "EPD".
 - EXISTING SQUARE "D" (I-LINE PANELBOARD "EPD" --- 277/480V, 3φ. FURNISH AND INSTALL THE FOLLOWING NEW CIRCUIT BREAKERS IN EXISTING PANELBOARD: (2) 40A/3P. AND (2) 20A/3P.
 - VARIABLE SPEED DRIVE TO FEED EXHAUST FAN EF-3 ON ROOF.
 - VARIABLE SPEED DRIVE TO FEED EXHAUST FAN EF-4 ON ROOF.

PANELBOARD - "RA"													
MOUNTING - SURFACE													
LOCATION - MR-014													
VOLTAGE - 208 / 120													

