

PROJECT No. 747.2

# ANIMAL CARE SHELL A.B. CHANDLER MEDICAL CENTER UNIVERSITY OF KENTUCKY

LEXINGTON,

KENTUCKY

## INVITATION TO BID No.

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A.I.A.  
A.S.L.A.

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

- 2.0 BASE MAP
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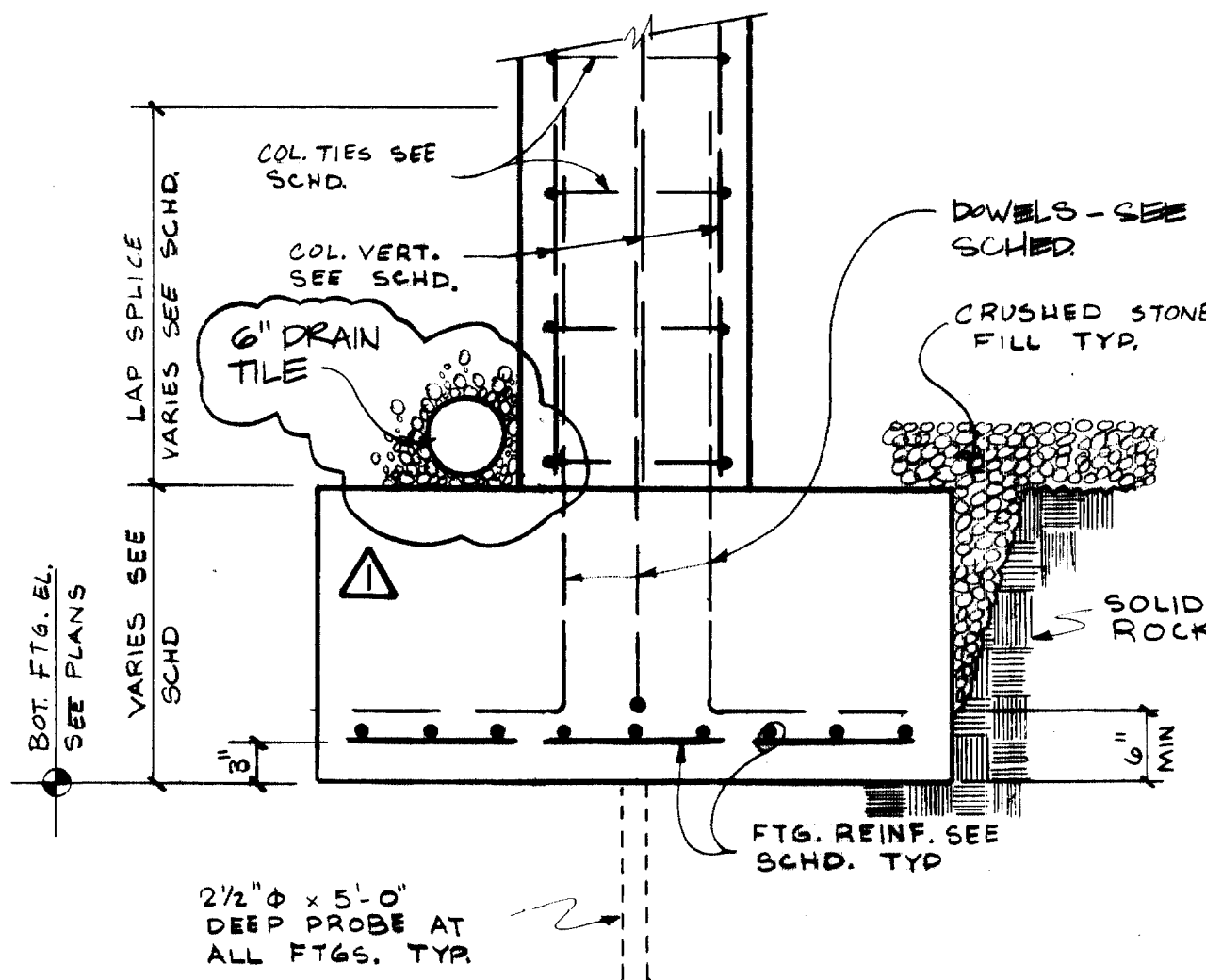
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UNIVERSITY OF KENTUCKY  
LEXINGTON, KENTUCKY

FAILURE TO ABIDE BY  
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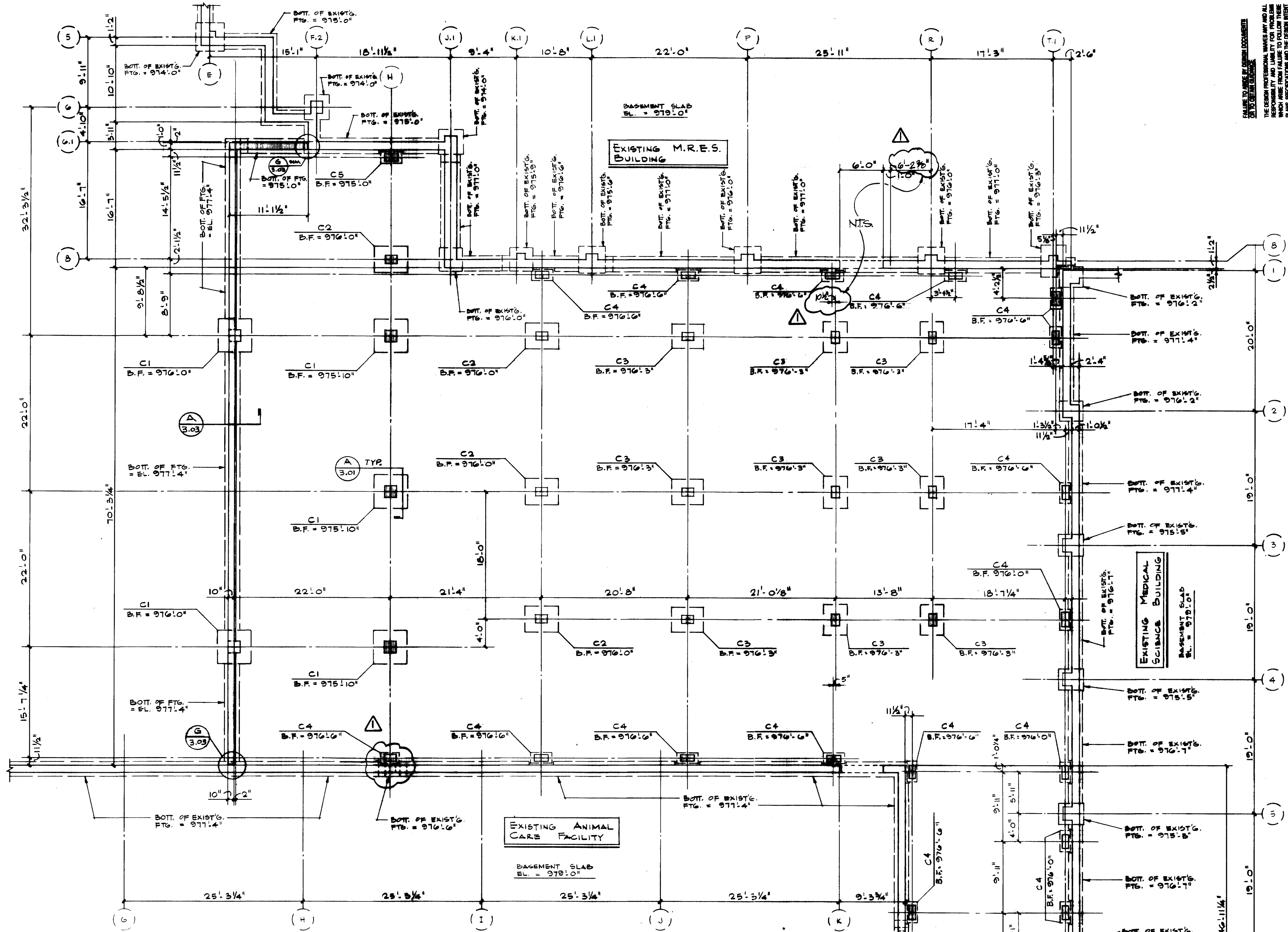


**COLUMN & FOOTING SCHEDULE**

- C1 20" x 20" CONCRETE COLUMN REINFORCED WITH 12 #10 VERTICAL BARS AND #3 TIES AT 12" c/c. ON 4'-8" x 4'-8" x 2'-4" DEEP FOOTING REINFORCED WITH #5 BARS AT 6" c/c EACH WAY AND 12-#10 DOWELS. LAP DOWELS AND VERTICALS 5'-3". SEE SECTION C/3.03 FOR TIE ARRANGEMENT. PROVIDE BARSPLICE COUPLERS AT TOP OF COLUMN. SEE DETAIL E/3.03.
- C2 20" x 14" CONCRETE COLUMN REINFORCED WITH 6-#9'S VERTICAL BARS AND #3 TIES AT 12" c/c ON 3'-8" x 4'-8" x 2'-2" DEEP FOOTING REINFORCED WITH #5 BARS AT 6" c/c EACH WAY AND 6-#9 DOWELS. LAP DOWELS AND VERTICALS 4'-2". SEE SECTION D/3.03 FOR TIE ARRANGEMENT. PROVIDE BARSPLICE COUPLERS AT TOP OF COLUMN. SEE DETAIL E/3.03.
- C3 20" x 14" CONCRETE COLUMN REINFORCED WITH 6-#8 VERTICAL BARS AND #3 TIES AT 12" c/c. ON 3'-6" x 4'-6" x 1'-11" DEEP FOOTING REINFORCED WITH #5 BARS AT 8" c/c EACH WAY AND 6-#8 DOWELS. LAP DOWELS AND VERTICALS 3'-3". SEE SECTION D/3.03 FOR TIE ARRANGEMENT. SEE SECTION F/3.03 FOR TOP OF COLUMN DETAIL.
- C4 24" x 12" CONCRETE COLUMN REINFORCED WITH 8-#7 VERTICAL BARS AND #3 TIES AT 12" c/c. ON 1'-6" x 3'-0" x 1'-10" DEEP FOOTING REINFORCED WITH 3-#5'S x 2'-8" AND 5-#5'S x 1'-2" AND 8-#7 DOWELS. LAP DOWELS AND VERTICALS 3'-0". SEE SECTION B/3.03 FOR TIE ARRANGEMENT. SEE SECTION F/3.03 FOR TOP OF COLUMN DETAIL.
- C5 20" x 14" CONCRETE COLUMN REINFORCED WITH 6-#9'S VERTICAL BARS AND #3 TIES AT 12" c/c. ON 1'-6" x 3'-0" x 1'-10" DEEP FOOTING REINFORCED WITH 3-#5'S x 2'-8" AND 5-#5'S x 1'-2" AND 6-#9 DOWELS. LAP DOWELS AND VERTICALS 4'-2". SEE SECTION D/3.03 FOR TIE ARRANGEMENT. PROVIDE BARSPLICE COUPLERS AT TOP OF COLUMN. SEE DETAIL E/3.03.



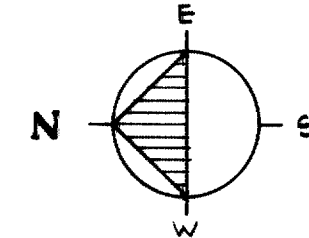
**TYPICAL FOOTING DETAIL**



**BASEMENT AND FOUNDATION PLAN**

SCALE 1/8" = 1'-0"

- MASS EXCAVATE ALL BUILDING AREA TO ELEVATION 978.17 FEET.
- PROVIDE 6" CRUSHED STONE FILL IN ALL BUILDING AREAS.
- KEY ALL WALL FOOTINGS 6" MINIMUM INTO ROCK.
- 979'-0" TOP OF SLAB ON GRADE. (NOTE 4" SLAB NOT IN THIS CONTRACT)



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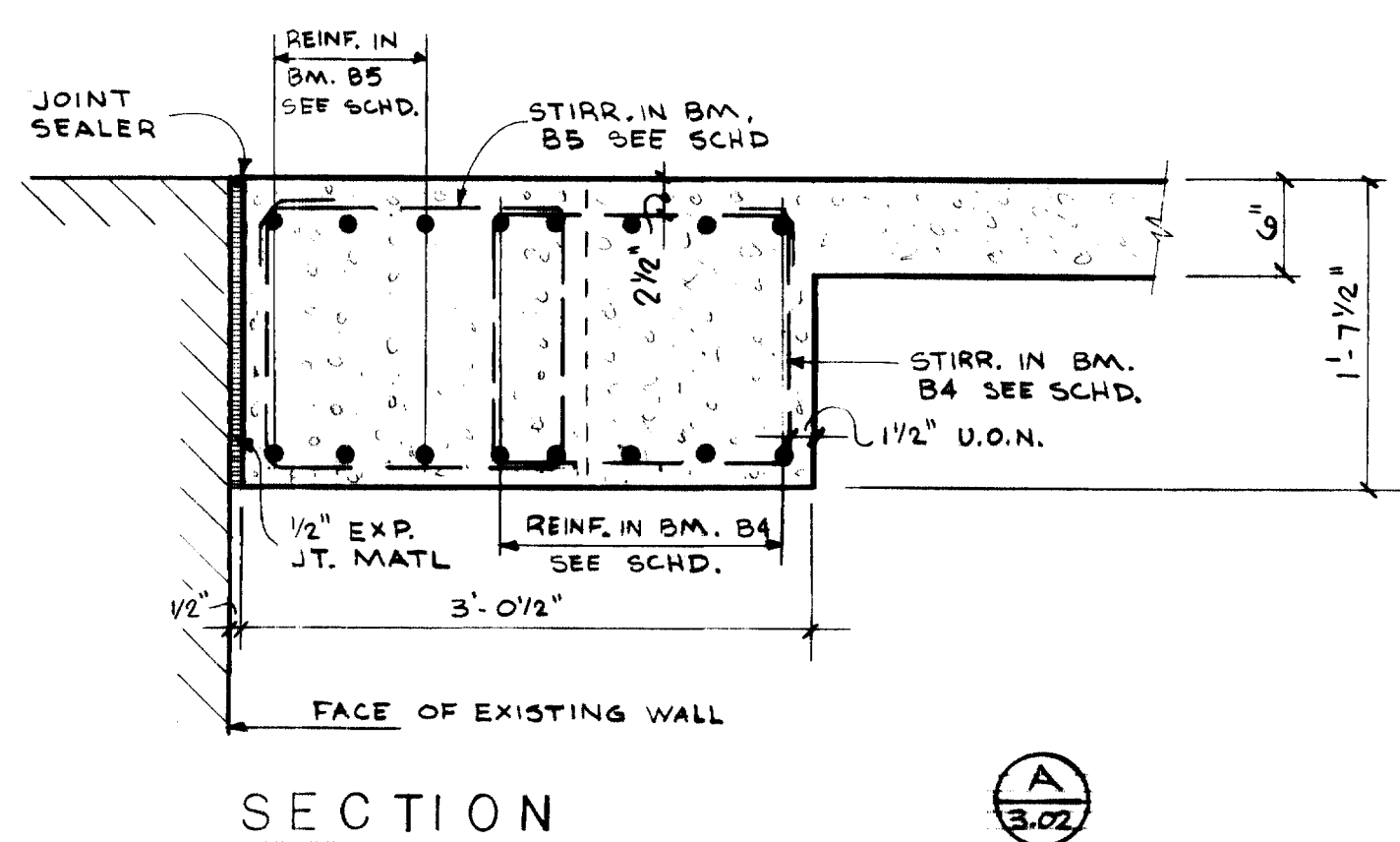
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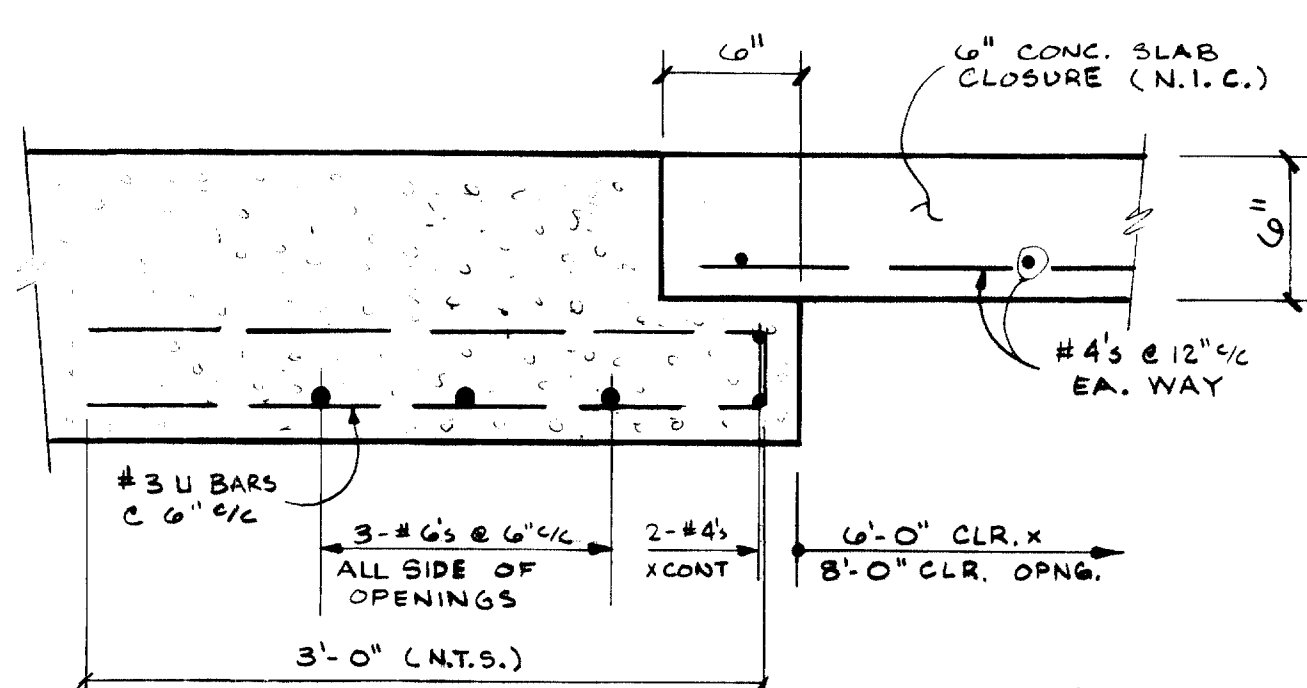
**BASEMENT AND FOUNDATION PLAN**  
 ANIMAL CARE SHELL  
 A.B. CHANDLER MEDICAL CENTER  
 UNIVERSITY OF KENTUCKY  
 LEXINGTON, KENTUCKY

DATE: 12-20-93  
 DRAWN BY: JCF  
 CHECKED BY: T.M.A.R.  
 REVISION:  
 DATE: 10-10-94

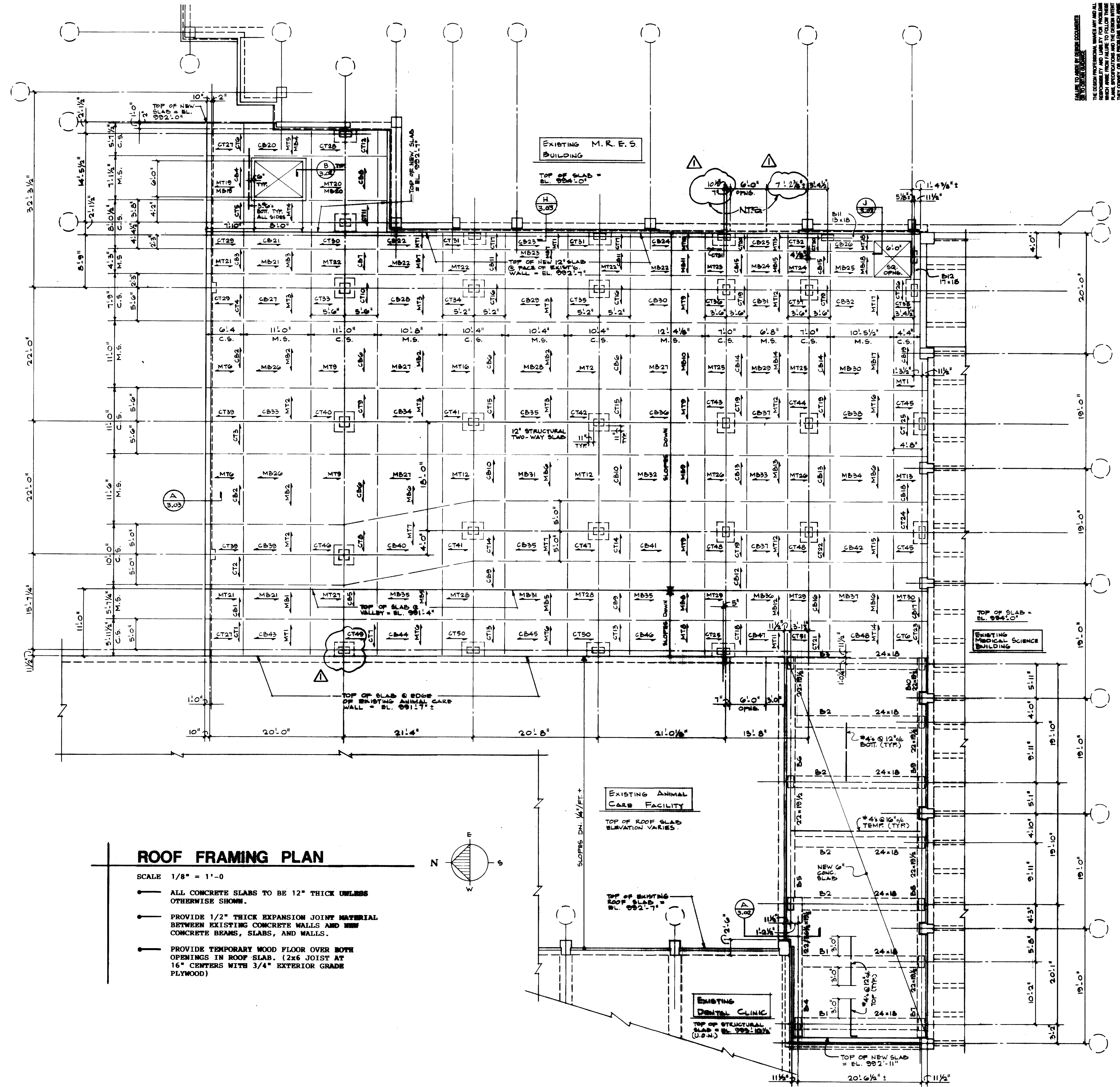
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 PROJECT NUMBER  
 90240.03



SECTION A  
1" = 1'-0"



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



**ROOF FRAMING PLAN**

- SCALE 1/8" = 1'-0"
- ALL CONCRETE SLABS TO BE 12" THICK UNLESS OTHERWISE SHOWN.
  - PROVIDE 1/2" THICK EXPANSION JOINT MATERIAL BETWEEN EXISTING CONCRETE WALLS AND NEW CONCRETE BEAMS, SLABS, AND WALLS.
  - PROVIDE TEMPORARY WOOD FLOOR OVER BOTH OPENINGS IN ROOF SLAB. (2x6 JOIST AT 16" CENTERS WITH 3/4" EXTERIOR GRADE PLYWOOD)

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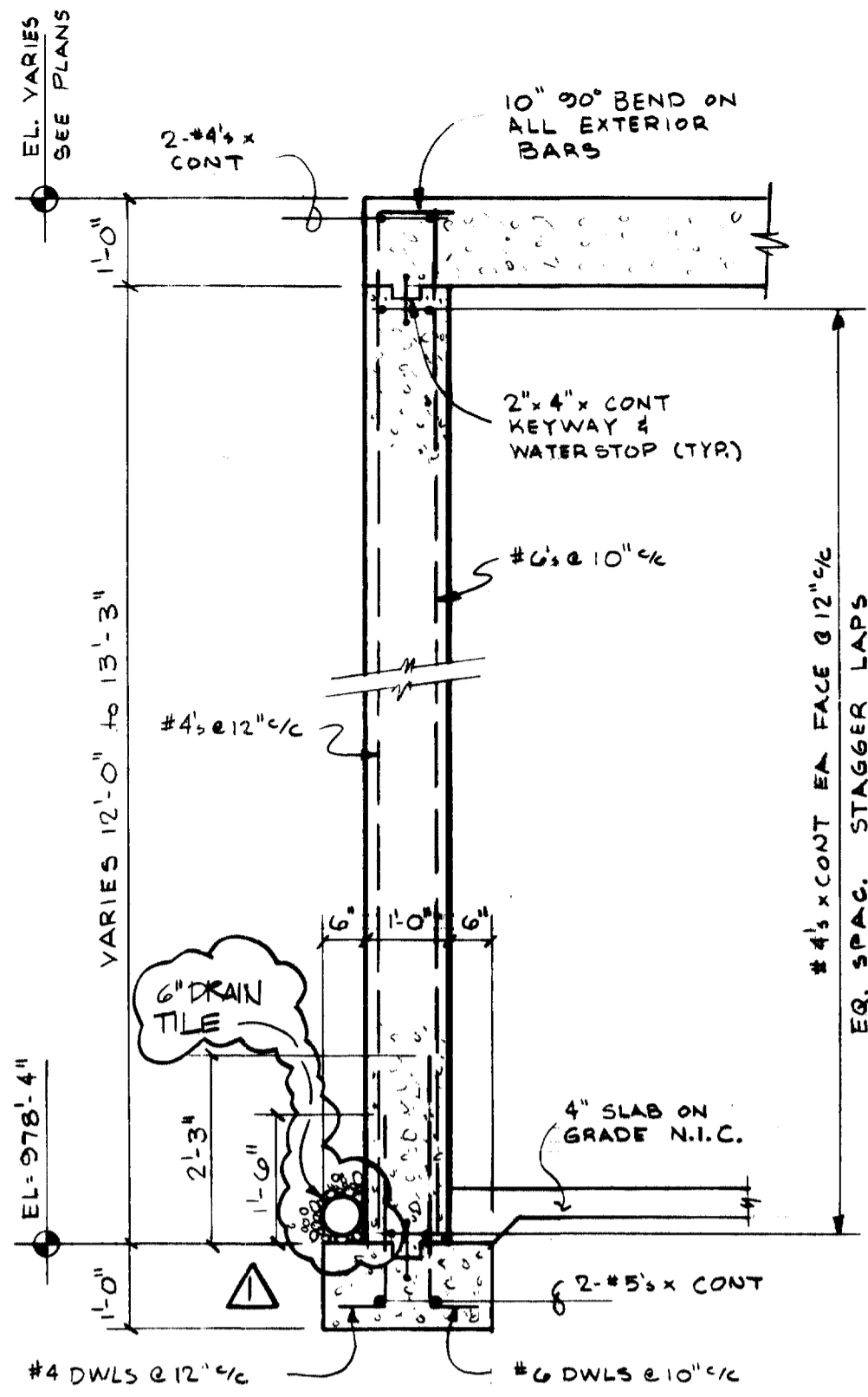
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**ROOF FRAMING PLAN**

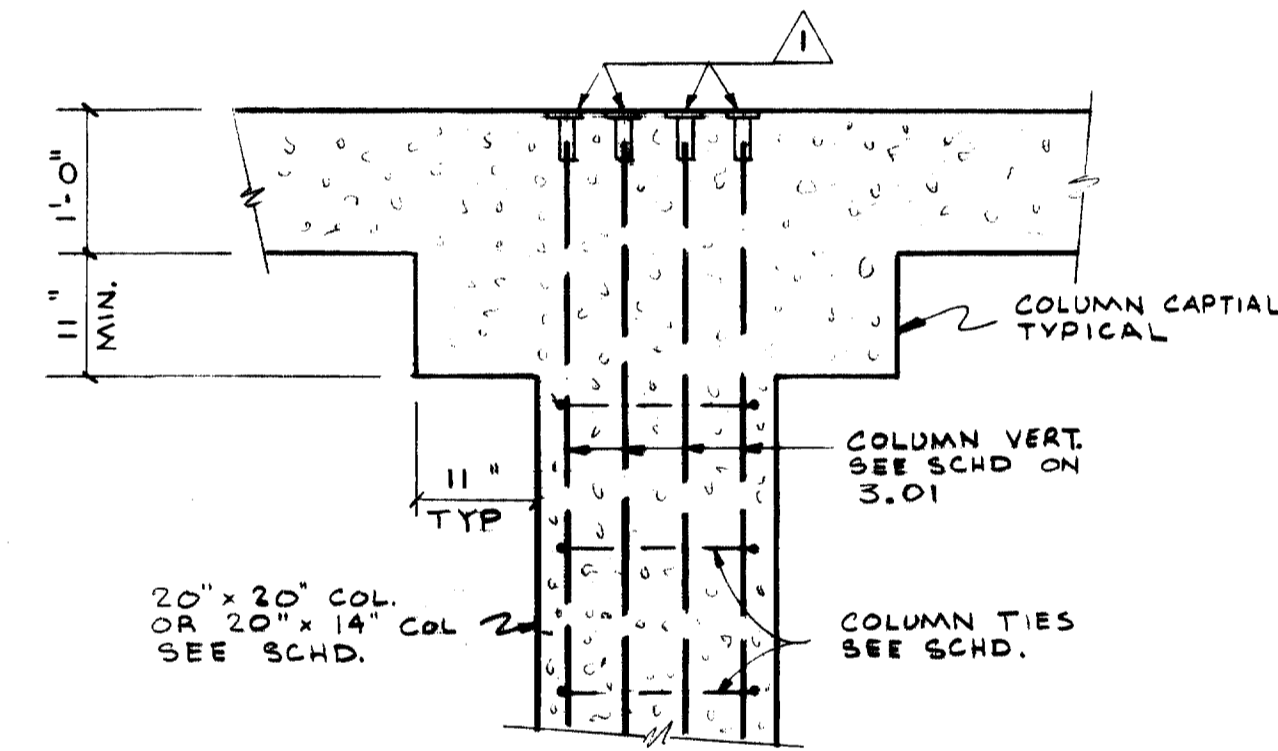
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FINAL DOCUMENTS

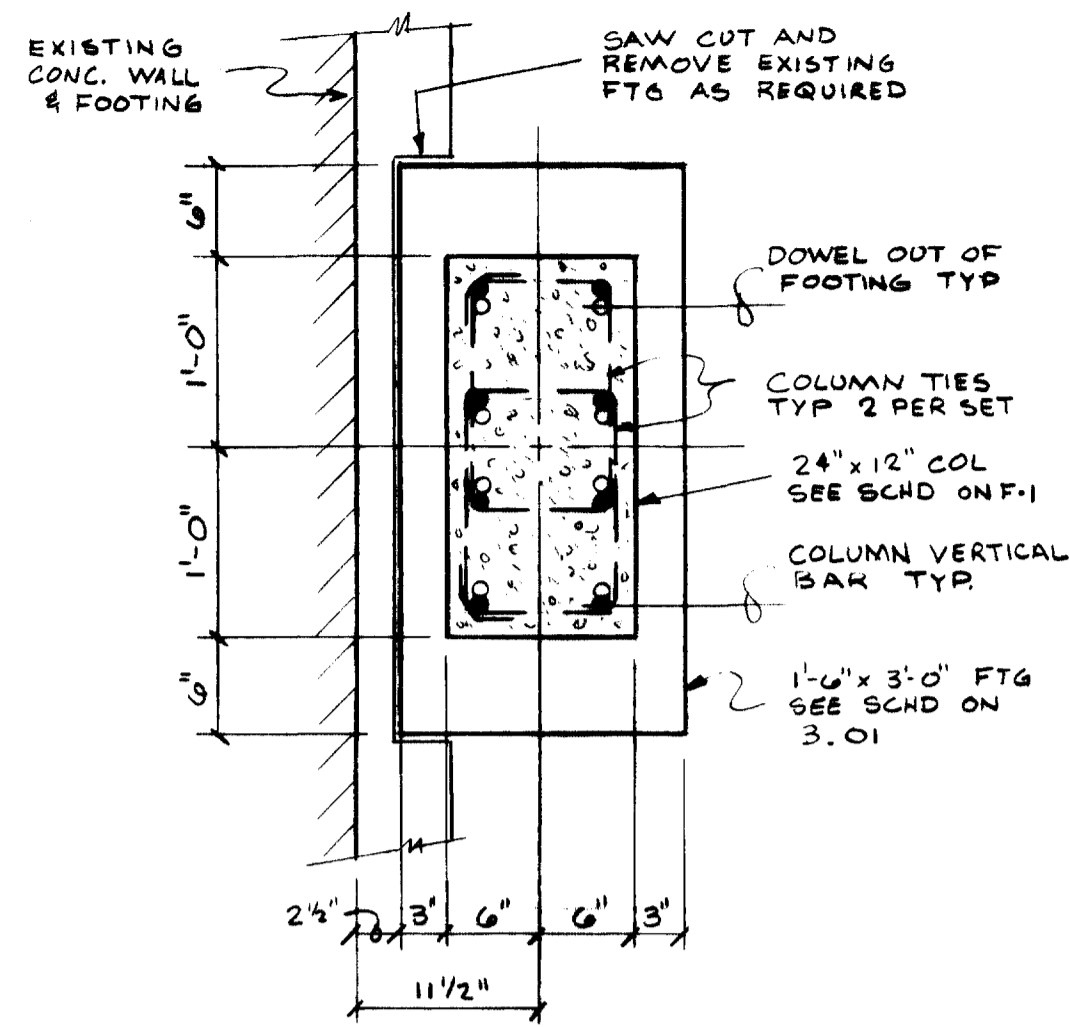


SECTION A  
1/2" = 1'-0"

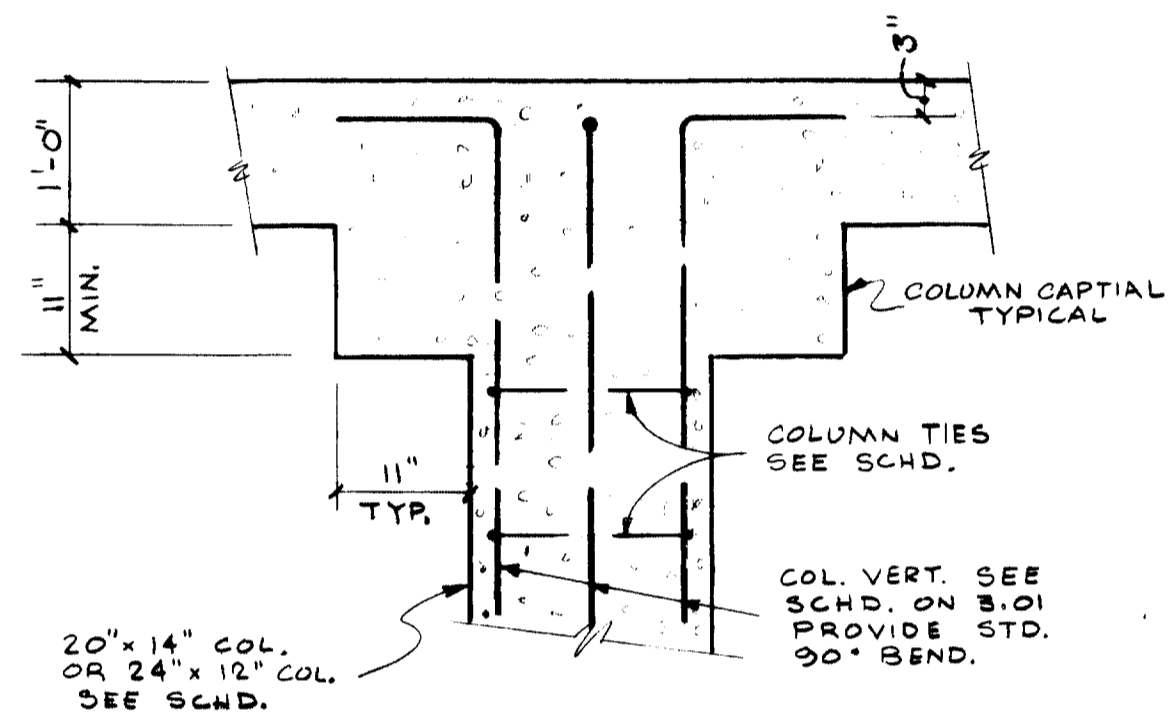


SECTION E  
3/4" = 1'-0"

BARSPICE COUPLERS WITH FLANGE PLATE AND CAP AS MANUFACTURED BY BARSPICE PRODUCTS INC. OR EQUAL. COUPLER CAPABLE OF DEVELOPING 125% OF SPECIFIED YIELD STRENGTH OF REINFORCING BAR. DETAIL OCCURS AT ALL C1, C2 & C5 COLUMNS

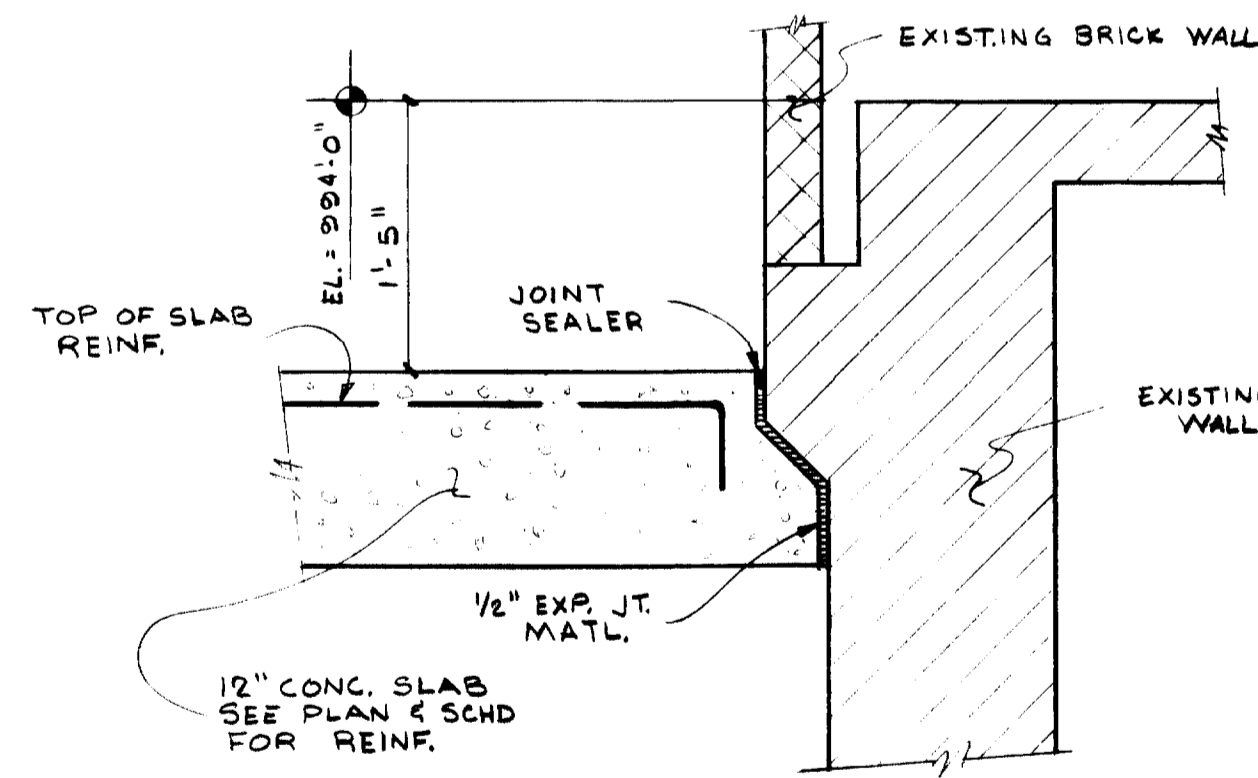


SECTION B  
1" = 1'-0"

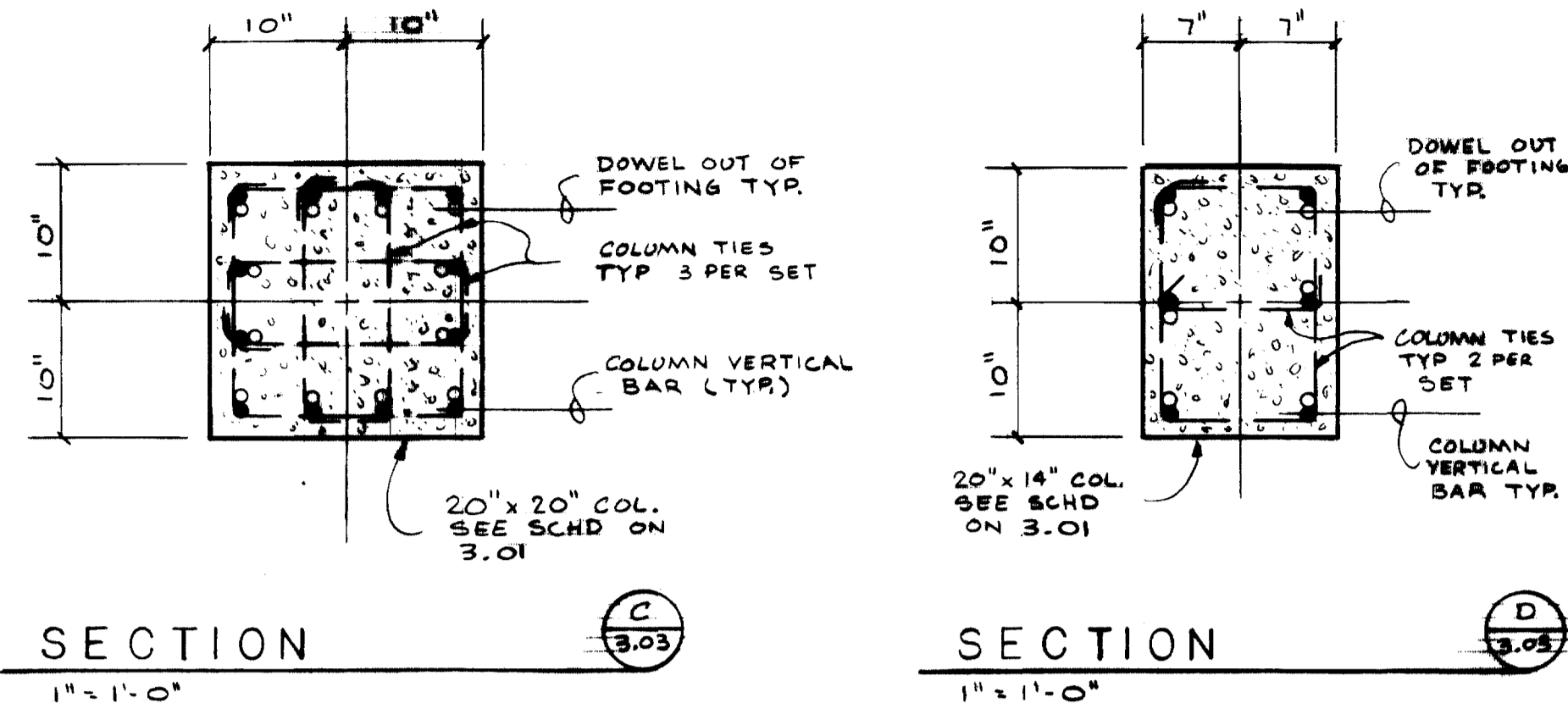


SECTION F  
3/4" = 1'-0"

DETAIL OCCURS AT ALL C3 & C4 COLUMNS

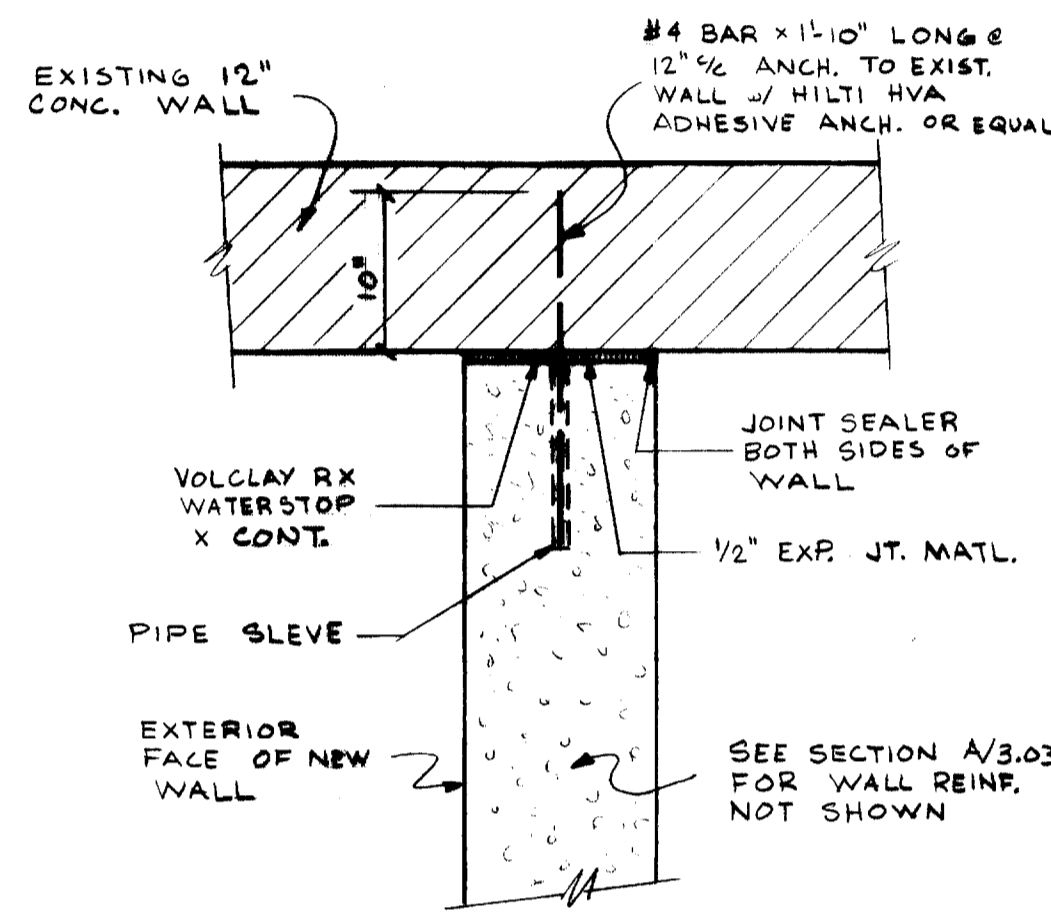


SECTION H  
1/2" = 1'-0"



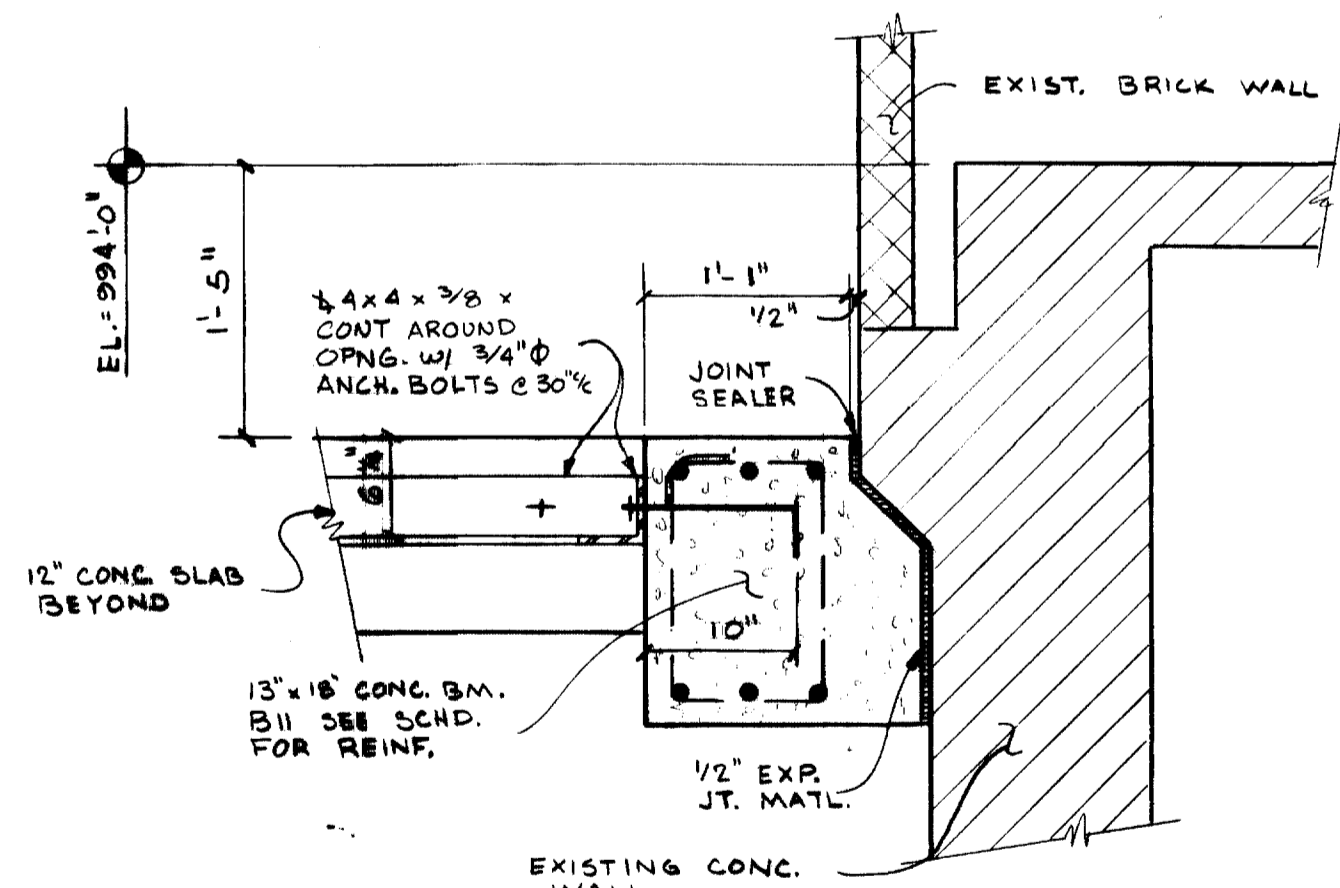
SECTION C  
1" = 1'-0"

SECTION D  
1" = 1'-0"



SECTION G  
1" = 1'-0"

VOLCLAY WATERSTOP-RX IS A FLEXIBLE STRIPE OF BENTONITE WATERPROOFING COMPOUND.



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

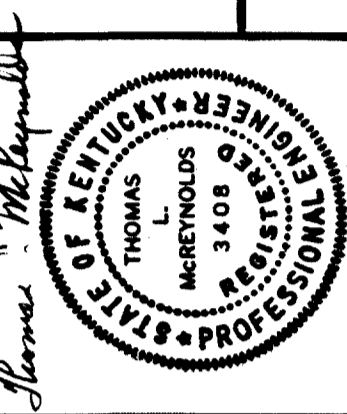
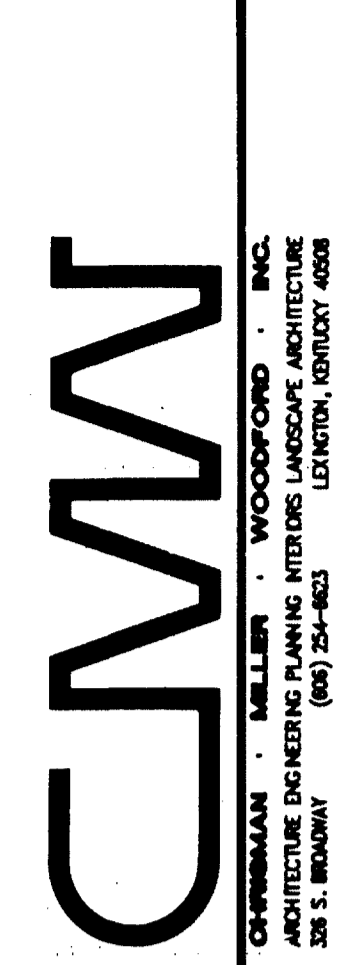
GENERAL STRUCTURAL NOTES

- DESIGN LIVE LOAD. 100 P.S.F. MINIMUM
- DESIGN STRESSES  
fc --- CONCRETE AT 28 DAYS SHALL BE 4000 P.S.I.  
fy --- ALL REINFORCING STEEL SHALL HAVE A YIELD POINT OF NOT LESS THAN 60,000 P.S.I.
- CODES USED IN DESIGN  
CONCRETE --- A.C.I. STANDARD BUILDING CODE A.C.I. 318-89.  
BUILDING --- THE KENTUCKY BUILDING CODE, 1993 EDITION
- FOUNDATION  
ALL FOOTINGS ARE TO BEAR ON COMPETENT BEDROCK WITH A MINIMUM BEARING VALUE OF 40,000 P.S.F.
- ALL REINFORCING BARS TO CONFORM TO A.S.T.M. SPECIFICATION A-615 GRADE 60.
- A.C.I. CODE OF STANDARD PRACTICE SHALL GOVERN FABRICATION OF ALL REINFORCING STEEL.
- PROVIDE DOWELS IN WALLS, BEAMS, ETC. FOR ANY CONCRETE WORK NOT POURED AT THE TIME ORIGINAL WORK IS POURED. DOWELS SHALL BE SAME SIZE AS MAIN REINFORCING, AND SHALL LAP 36 BAR DIAMETERS, UNLESS OTHERWISE DETAILED.
- CONCRETE COVERAGE FOR REINFORCEMENT, UNLESS OTHERWISE SHOWN SHALL BE AS FOLLOWS:  
STRUCTURAL SLABS ----- 1"  
BEAMS ----- 1-1/2" TO STIRRUPS  
WALLS ----- 1-1/2" OR 2"  
COLUMNS ----- 1-1/2" TO TIES  
FOOTINGS ----- 3"
- ALL REINFORCING BARS SHALL BE TIED AND SUPPORTED IN SUCH A MANNER AS TO PREVENT DISPLACEMENT DURING POURING OPERATIONS. REINFORCEMENT VENDORS SHALL FURNISH ALL ACCESSORIES, CHAIRS, SPACER BARS AND SUPPORTS NECESSARY TO SECURE STEEL IN ACCORDANCE WITH A.C.I. CODE OF STANDARD PRACTICE AND AS SHOWN ON THE DRAWINGS.
- SPLICING IN REINFORCING BARS TO BE 36 BAR DIAMETER (MINIMUM) UNLESS OTHERWISE DETAILED.
- AT CORNERS OF ALL CONCRETE WALLS, PROVIDE #5x5'-0" CORNER BARS AT SAME SPACING AS MAIN REINFORCING BARS, UNLESS OTHERWISE SHOWN.
- ALL WALLS SHALL BE POURED WITH FORMED COLUMNS.
- 6" CRUSHED STONE FILL TO BE PLACED ON BEDROCK IN ALL AREAS.
- EXPANSION JOINT MATERIAL SHALL BE "PREFORMED EXPANSION JOINT FILLER FOR CONCRETE," 1/2" THICK AND SHALL COMPLY WITH THE REQUIREMENTS OF A.S.T.M. D-994.

LIST OF ABBREVIATIONS

B.F.---BOTTOM OF FOOTING ELEVATION	P.S.F.---POUNDS PER SQUARE FOOT
C.I.P.---CAST IN PLACE	P.S.I.---POUNDS PER SQUARE INCH
C.S.---CRUSHED STONE FILL	STIRR.---STIRRUPS
CONT.---CONTINUOUS	TYP.---TYPICAL
DWLS---DOWELS	U.O.N.---UNLESS OTHERWISE NOTED
EL.---ELEVATION	W.S.---WATERSTOP
N.I.C.---NOT IN CONTRACT	W.W.F.---WELDED WIRE FABRIC
N.T.S.---NOT TO SCALE	

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SECTIONS AND GENERAL STRUCTURAL NOTES  
ANIMAL CARE SHELL  
A.B. CHANDLER MEDICAL CENTER  
UNIVERSITY OF KENTUCKY  
LEXINGTON, KENTUCKY

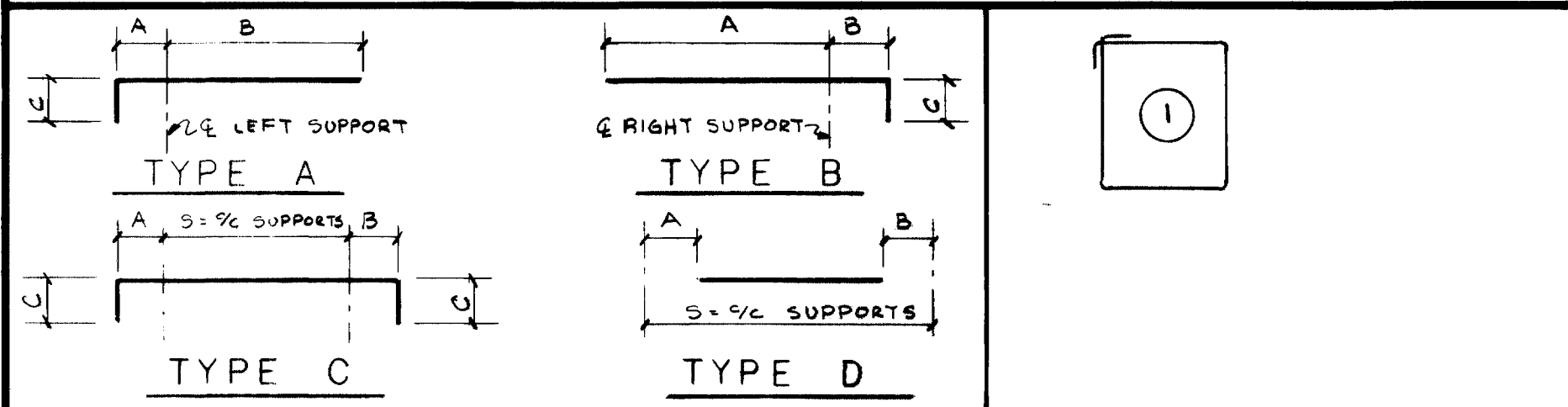
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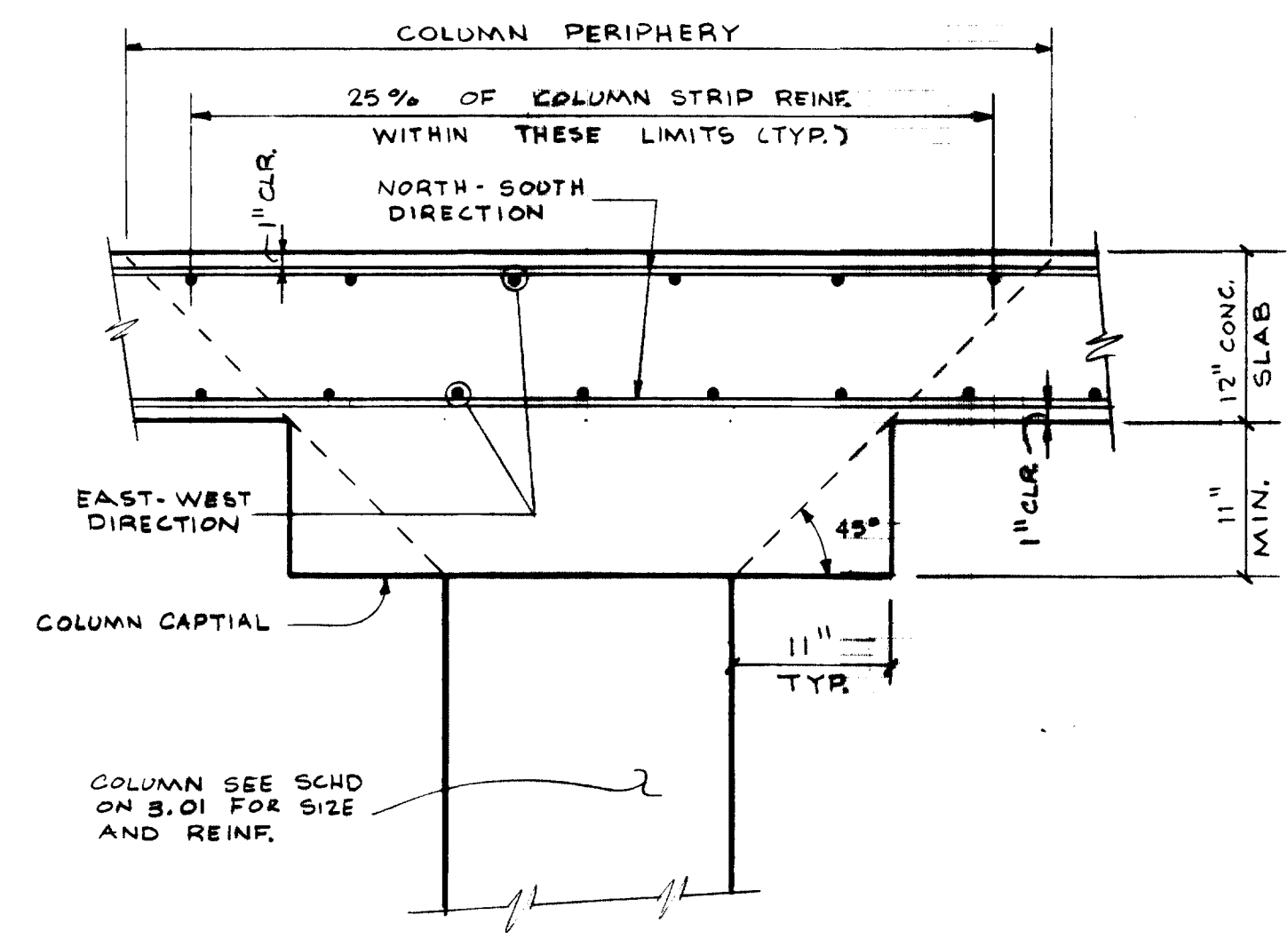
3-03

PROJECT NUMBER  
90240.03

# BEAM REINFORCING SCHEDULE



MARK	SIZE	NO. & SIZE	TOP REINFORCING	BOTTOM REINFORCING	D BEND	A	B	C	S	SECTION	SPACING FROM EDGE OF SUPPORT EACH END				TYPE
											1	2	3	4	
B1	24x18	2-#6	V	A	9"	11'-0"	1'-0"	20'-0"							
		3-#7	V	A	9"	6'-11"	1'-0"								
		2-#6	V	B	11'-0"	9"	1'-0"								
		3-#7	V	B	6'-11"	9"	1'-2"								
		2-#9	V	C	9"	9"									



COLUMN PERIPHERY AND BAR ARRANGEMENT DETAIL  
NO SCALE

**SLAB PLAN AND REINFORCEMENT SCHEDULE NOTES**

SEE FRAMING PLANS FOR SLAB STRIPS AND MARK LOCATIONS.

TOP-MOST AND BOTTOM-MOST LAYERS OF SLAB REINFORCEMENT SHALL RUN IN THE NORTH/SOUTH DIRECTIONS.

ALTERNATE SHORT AND LONG BARS IN THEIR RESPECTIVE STRIPS, U.O.M.

BAR LENGTHS SHOWN IN SCHEDULE DO NOT INCLUDE BEND DIMENSIONS ON BENT BARS.

25% (MIN.) OF COLUMN STRIP REINFORCEMENT MUST PASS THROUGH COLUMN PERIPHERY AT ALL COLUMNS. ALL OTHER REINFORCEMENT EQUALLY SPACED IN RESPECTIVE STRIP SYMMETRICALLY ABOUT CENTERLINE OF STRIP, U.O.M. (SEE COLUMN PERIPHERY AND BAR ARRANGEMENT DETAIL Dwg. 3.04.)

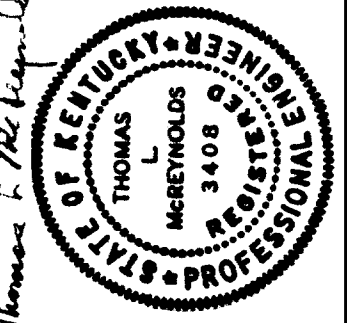
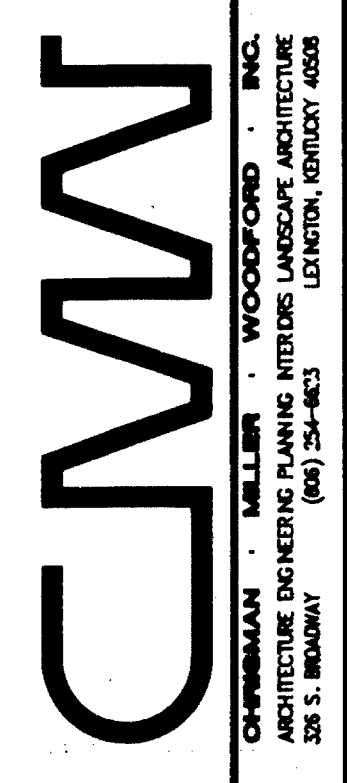
- START BARS AT 2" FROM EDGE OF CONCRETE AND PROVIDE STANDARD 90° BEND FOR SPECIFIED BAR SIZE, U.O.M.
- ALL BOTTOM BARS TO EXTEND 6" (MIN.) INTO (REINFORCED) SUPPORT, U.O.M.
- START BARS AT 2" FROM EDGE OF CONCRETE.
- AT LEAST TWO (2) OF THE COLUMN STRIP BOTTOM BARS SHALL BE CONTINUOUS OR SPICED AT THE SUPPORT WITH "CLASS A" SPLICE. THESE BARS SHALL PASS THROUGH THE COLUMN CORNER. AT REINFORCER CONDITIONS BENT BARS A MINIMUM OF 6" INTO COLUMN WITH UPWARD STANDARD 90° BENDS.

C.S. — COLUMN STRIP  
CT — COLUMN STRIP  
TOP REINFORCING  
CB — COLUMN STRIP  
BOTTOM REINFORCING

M.S. — MIDDLE STRIP  
MT — MIDDLE STRIP  
TOP REINFORCING  
MB — MIDDLE STRIP  
BOTTOM REINFORCING

# SLAB REINFORCING SCHEDULE

SLAB MARK	REINFORCEMENT		REMARKS	SLAB MARK	REINFORCEMENT		REMARKS
	LONG BARS	SHORT BARS			LONG BARS	SHORT BARS	
CT1	5-#4x6'-0"	4-#4x4'-0"	① ALL BARS	CB35	2-#4x22'-2"	19-#4x20'-2"	④ LONG BARS ONLY
CT2	6-#6x14'-8"	5-#6x11'-0"		CB36	2-#5x22'-0"	14-#5x20'-0"	④ LONG BARS ONLY
CT3	6-#6x14'-8"	6-#6x11'-0"		CB37	2-#4x22'-0"	13-#4x19'-2"	④ LONG BARS ONLY
CT4	7-#5x14'-8"	6-#5x11'-0"		CB38	2-#5x20'-2"	20-#5x19'-0"	④ ALL BARS. ④ LONG BARS ONLY
CT5	5-#5x12'-0"	4-#5x7'-0"		CB39	2-#5x23'-1"	19-#5x22'-1"	④ ALL BARS. ④ LONG BARS ONLY
CT6	5-#4x7'-0"	5-#4x5'-0"	① ALL BARS	CB40	2-#4x23'-4"	17-#4x21'-4"	④ LONG BARS ONLY. ALL BARS SHOULD BE PLACED PARALLEL W/ STAIR ORIENTATION.
CT7	8-#4x6'-0"	8-#4x4'-0"	① ALL BARS	CB41	2-#4x22'-0"	19-#4x20'-0"	④ LONG BARS ONLY
CT8	9-#6x14'-8"	9-#6x11'-0"		CB42	2-#5x20'-2"	15-#5x19'-2"	④ ALL BARS. ④ LONG BARS ONLY
CT9	10-#6x14'-8"	10-#6x11'-0"		CB43	2-#6x23'-1"	18-#6x21'-1"	④ ALL BARS. ④ LONG BARS ONLY
CT10	11-#5x14'-8"	11-#5x11'-0"		CB44	2-#4x22'-10"	10-#4x20'-10"	④ LONG BARS ONLY
CT11	10-#5x12'-0"	8-#5x7'-0"	PLACE 2 LONG BARS SOUTH OF COL. STRIP B/TWN COL. STRIP AND MARS STAIR WALL	CB45	2-#4x22'-0"	8-#4x20'-2"	④ LONG BARS ONLY
CT12	10-#4x14'-8"	8-#4x5'-0"	① ALL BARS. PLACE 2 LONG BARS SOUTH OF COL. STRIP B/TWN COL. STRIP & MARS STAIR WALL	CB46	2-#5x22'-0"	8-#5x20'-0"	④ LONG BARS ONLY
CT13	7-#4x7'-4"	7-#4x5'-8"	① ALL BARS	CB47	2-#4x15'-2"	7-#4x13'-2"	④ LONG BARS ONLY
CT14	10-#6x17'-0"	9-#6x12'-0"		CB48	2-#5x20'-2"	10-#5x19'-2"	④ ALL BARS. ④ LONG BARS ONLY
CT15	11-#5x17'-0"	11-#5x12'-0"					
CT16	9-#6x17'-3"	9-#6x12'-0"					
CT17	7-#4x3'-0"	7-#4x3'-0"	① ALL BARS	MT1	15-#4x5'-0"		① ALL BARS
CT18	6-#4x7'-4"	6-#4x5'-0"	① ALL BARS	MT2	16-#4x11'-4"		
CT19	7-#5x16'-0"	7-#5x12'-0"		MT3	16-#4x12'-0"		
CT20	5-#4x3'-8"	5-#4x3'-0"	① ALL BARS	MT4	2-#4x12'-0"	13-#4x9'-8"	PLACE 1 LONG BAR ON EA. SIDE OF OPNG. ① ALL SHORT BARS WEST OF OPNG.
CT21	6-#4x12'-7"	6-#4x5'-5"	START ALL BARS 4'-0" WEST OF B3 CENTERLINE	MT5	7-#4x5'-5"	8-#4x4'-3"	① ALL BARS & BOTH ENDS
CT22	6-#6x17'-4"	6-#6x12'-8"		MT6	15-#4x6'-2"		① ALL BARS
CT23	4-#4x12'-7"	4-#4x12'-0"	START ALL BARS 4'-0" WEST OF B3 CENTERLINE	MT7	19-#4x12'-10"		
CT24	5-#6x17'-0"	4-#6x12'-0"		MT8	17-#4x6'-0"		① ALL BARS
CT25	5-#5x15'-0"	5-#5x11'-0"		MT9	17-#4x12'-0"		
CT26	5-#5x10'-0"	4-#5x8'-0"	① ALL BARS @ OPNG.	MT10	17-#4x5'-4"		① ALL BARS
CT27	5-#4x8'-0"	5-#4x6'-2"	① ALL BARS	MT11	10-#4x6'-0"		① ALL BARS
CT28	5-#6x14'-3"	4-#6x12'-3"	① ALL BARS	MT12	11-#4x12'-0"		
CT29	7-#4x8'-0"	6-#4x6'-2"	① ALL BARS	MT13	11-#4x5x6'-2"		① ALL BARS
CT30	5-#6x15'-0"	11-#6x14'-3"	PLACE LONG BARS W/PT OF EXIST. MARS WALL. ② ALL SHORT BARS @ RT. END NORTH OF EXIST. WALL	MT14	15-#4x9'-6"		START ALL BARS 4'-0" WEST OF B3 CENTERLINE
CT31	3-#8x14'-0"	3-#8x10'-0"		MT15	15-#4x13'-0"		
CT32	3-#6x16'-5"	3-#6x15'-0"	① ALL BARS @ OPNG.	MT16	15-#4x12'-0"		
CT33	8-#6x15'-0"	8-#6x11'-0"		MT17	10-#4x12'-0"	5-#4x8'-1"	PLACE SHORT BARS WEST OF OPNG. ①
CT34	7-#5x14'-0"	7-#5x10'-0"		MT18	10-#4x5'-4"		① ALL BARS
CT35	8-#6x14'-0"	8-#6x10'-0"		MT19	10-#4x7'-0"		① ALL BARS @ BOTH ENDS
CT36	8-#4x15'-0"	7-#4x10'-0"		MT20	10-#4x5'-0"		① ALL BARS & BOTH ENDS
CT37	7-#4x16'-0"	7-#4x9'-0"		MT21	8-#4x6'-2"		① ALL BARS
CT38	6-#4x6'-0"	5-#4x5'-3"	① ALL BARS	MT22	7-#4x11'-0"		
CT39	8-#4x9'-0"	7-#4x6'-2"	① ALL BARS	MT23	7-#4x15'-0"		
CT40	12-#6x15'-0"	12-#6x11'-0"		MT24	7-#4x18'-4"		① ALL BARS @ OPNG
CT41	11-#5x14'-0"	11-#5x10'-0"		MT25	16-#4x15'-0"		
CT42	9-#6x14'-0"	8-#6x10'-0"		MT26	11-#4x15'-0"		
CT43	9-#5x18'-0"	9-#5x10'-0"		MT27	9-#4x12'-0"		
CT44	11-#5x15'-0"	11-#5x10'-0"		MT28	14-#4x12'-0"		
CT45	8-#4x7'-0"	8-#4x5'-0"	① ALL BARS	MT29	14-#4x15'-0"		
CT46	11-#6x15'-0"	11-#6x11'-0"		MT30	13-#4x5'-0"		① ALL BARS
CT47	12-#5x14'-0"	12-#5x10'-0"					
CT48	9-#5x15'-0"	8-#5x10'-0"					
CT49	7-#6x15'-0"	6-#6x11'-0"		MB1	8-#4x16'-7"	8-#4x14'-0"	③ ALL BARS
CT50	7-#5x14'-0"	6-#5x10'-0"		MB2	9-#4x22'-0"	9-#4x15'-0"	
CT51	6-#5x15'-0"	6-#5x10'-0"		MB3	8-#4x15'-2"	8-#4x13'-2"	② ALL BARS & SLAB OPNG.
				MB4	7-#4x5'-11"	8-#4x4'-9"	③ ALL BARS
				MB5	10-#4x20'-7"	9-#4x17'-4"	③ ALL BARS
				MB6	8-#4x18'-0"	8-#4x12'-8"	
				MB7	8-#4x9'-5"	7-#4x8'-0"	③ ALL BARS
				MB8	10-#4x20'-7"	10-#4x17'-4"	③ ALL BARS
				MB9	9-#4x19'-0"	9-#4x15'-0"	
				MB10	10-#4x22'-0"	9-#4x15'-0"	
				MB11	9-#4x9'-5"	8-#4x8'-0"	③ ALL BARS
				MB12	6-#4x20'-7"	5-#4x17'-4"	③ ALL BARS
				MB13	5-#4x18'-0"	5-#4x12'-0"	
				MB14	6-#4x22'-0"	5-#4x15'-0"	
				MB15	5-#4x9'-5"	5-#4x8'-0"	③ ALL BARS
				MB16	10-#4x21'-0"	9-#4x18'-4"	START ALL BARS @ CENTERLINE OF B3
				MB17	5-#4x24'-4"	11-#4x22'-0"	PLACE ALL LONG BARS WEST OF OPNG. NOTE ③
				MB18	14-#4x9'-5"		PLACE ALL SHORT BARS NORTH OF OPNG.
				MB19	12-#5x7'-2"		③ ALL BARS
				MB20	12-#5x13'-0"		③ @ LT. END
				MB21	5-#4x19'-4"		③ BOTH ENDS
				MB22	4-#4x21'-0"	3-#4x15'-4"	④ ALL BARS
				MB23	4-#4x21'-2"	3-#4x14'-8"	
				MB24	4-#4x14'-2"	3-#4x9'-0"	
				MB25	7-#4x10'-11"		③ ALL BARS @ OPNG.
				MB26	8-#5x22'-7"	8-#5x19'-4"	② ALL BARS
				MB27	8-#4x15'-10"	7-#4x15'-4"	
				MB28	8-#4x21'-0"	8-#4x14'-8"	
				MB29	8-#4x14'-2"	7-#4x9'-0"	
				MB30	8-#4x19'-7"		③ ALL BARS
				MB31	7-#4x21'-2"	7-#4x14'-8"	
				MB32	6-#4x21'-0"	5-#4x15'-4"	
				MB33	6-#4x14'-2"	5-#4x9'-8"	
				MB34	6-#4x19'-7"	6-#4x16'-7"	③ ALL BARS
				MB35	7-#4x21'-10"	6-#4x15'-4"	
				MB36	7-#4x21'-10"	6-#4x15'-4"	
				MB37	7-#4x19'-7"	7-#4x16'-7"	③ ALL BARS



WHITE, WALKER & MCKREYNOLDS  
REGISTERED PROFESSIONAL ENGINEERS  
2801 HARRISON AVENUE  
LEXINGTON, KENTUCKY 40503  
606/278-9328

## BEAM AND SLAB REINFORCING SCHEDULE

ANIMAL CARE SHELL  
A.B. CHANDLER MEDICAL CENTER  
UNIVERSITY OF KENTUCKY  
LEXINGTON, KENTUCKY

DATE: 12-20-93  
DRAWN BY: M.L.M.  
CHECKED BY: T.M.R.  
REVISION:  
DATE:

SHEET NUMBER

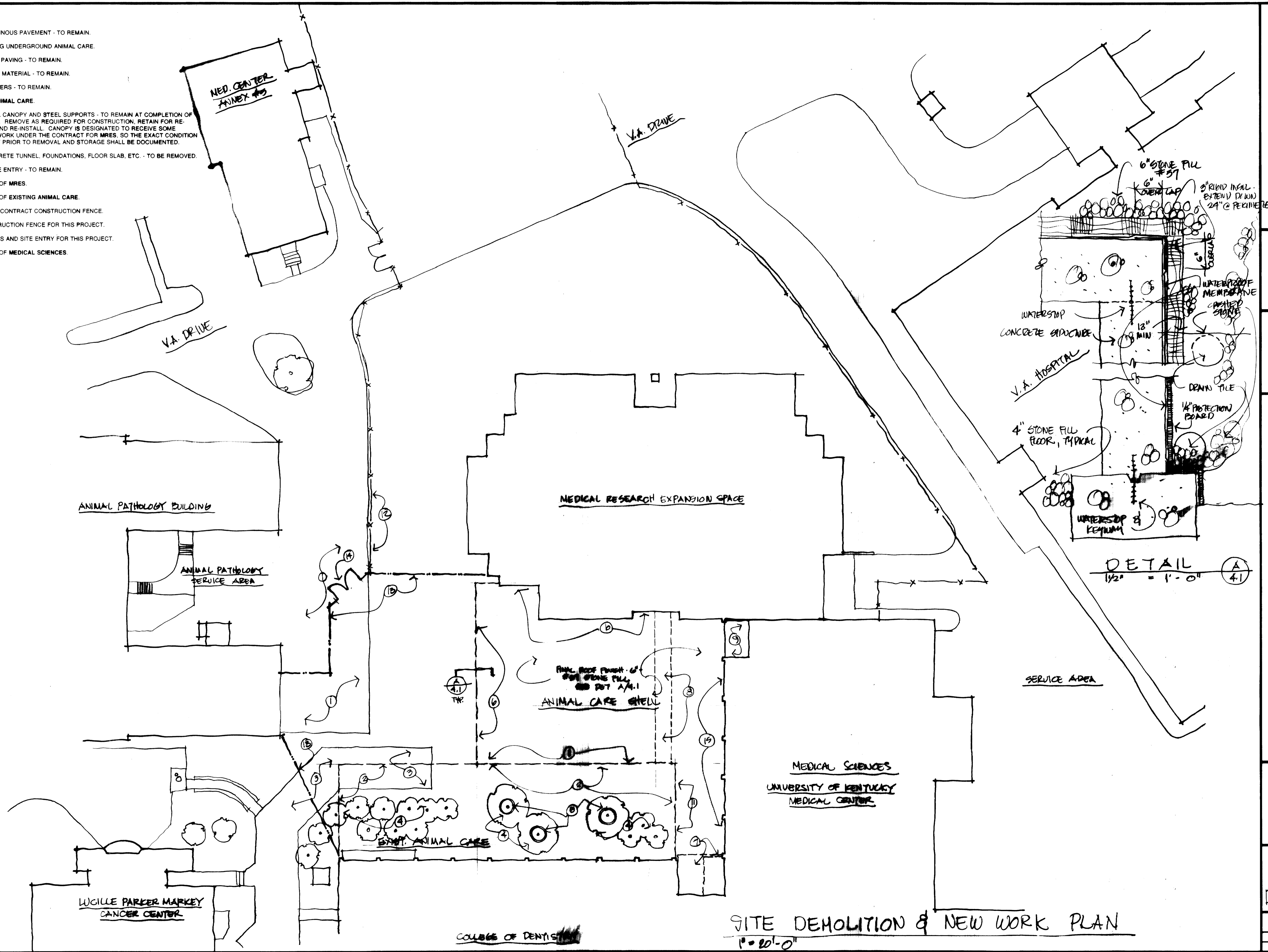
3-04

PROJECT NUMBER  
90240.05

THE DESIGN PROFESSIONAL, UNDER ANY AND ALL CIRCUMSTANCES, SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT. THE DESIGN PROFESSIONAL SHALL NOT BE RESPONSIBLE FOR THE CONSTRUCTION OF THE PROJECT. THE DESIGN PROFESSIONAL SHALL NOT BE RESPONSIBLE FOR THE CONSTRUCTION OF THE PROJECT.

GENERAL NOTES:

1. EXISTING BITUMINOUS PAVEMENT - TO REMAIN.
2. LINE OF EXISTING UNDERGROUND ANIMAL CARE.
3. EXISTING BRICK PAVING - TO REMAIN.
4. EXISTING PLANT MATERIAL - TO REMAIN.
5. EXISTING PLANTERS - TO REMAIN.
6. LINE OF NEW ANIMAL CARE.
7. EXISTING METAL CANOPY AND STEEL SUPPORTS - TO REMAIN AT COMPLETION OF CONSTRUCTION. REMOVE AS REQUIRED FOR CONSTRUCTION, RETAIN FOR RE-INSTALLATION AND RE-INSTALL. CANOPY IS DESIGNATED TO RECEIVE SOME RESTORATION WORK UNDER THE CONTRACT FOR MRES. SO THE EXACT CONDITION OF THE CANOPY PRIOR TO REMOVAL AND STORAGE SHALL BE DOCUMENTED.
8. EXISTING CONCRETE TUNNEL, FOUNDATIONS, FLOOR SLAB, ETC. - TO BE REMOVED.
9. EXISTING STONE ENTRY - TO REMAIN.
10. EXISTING FACE OF MRES.
11. EXISTING FACE OF EXISTING ANIMAL CARE.
12. EXISTING MRES CONTRACT CONSTRUCTION FENCE.
13. LINE OF CONSTRUCTION FENCE FOR THIS PROJECT.
14. PAIR OF 8' GATES AND SITE ENTRY FOR THIS PROJECT.
15. EXISTING FACE OF MEDICAL SCIENCES.



**CJM**  
 CHRISTIAN • MILLER • WOODFORD • INC.  
 ARCHITECTURE  
 300 SOUTH BROADWAY  
 LEXINGTON, KENTUCKY 40508



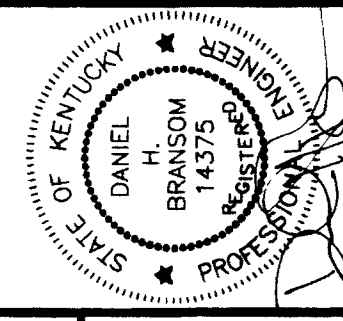
SHT. PROJECT TITLE  
 ANIMAL CARE SHELL  
 A.D. CHANDLER MEDICAL CENTER  
 UNIVERSITY OF KENTUCKY  
 LEXINGTON, KY.  
 PROJECT NO. 747.2

DATE: December '93  
 DRAWN BY: [Signature]  
 CHECKED BY: [Signature]  
 REVISED:  
 DATE 1 \_\_\_\_\_  
 2 \_\_\_\_\_  
 3 \_\_\_\_\_  
 4 \_\_\_\_\_  
 5 \_\_\_\_\_  
 6 \_\_\_\_\_

SHEET NUMBER  
**49**  
 PROJECT NUMBER

SITE DEMOLITION & NEW WORK PLAN  
 1" = 20'-0"

FAILURE TO ABIDE BY THE TERMS OF THIS CONTRACT OR TO OBTAIN NECESSARY PERMITS OR TO OBTAIN NECESSARY PROFESSIONAL AND ENGINEERING SEALS AND LICENSES SHALL BE CONSIDERED A BREACH OF CONTRACT AND SHALL BE CAUSE FOR IMMEDIATE CANCELLATION OF THIS CONTRACT AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS OF SUCH CANCELLATION.



- CODED NOTES: SHEET U-1**
- 1 REMOVE EXISTING STORM SEWER PIPING BACK TO CATCH BASIN AND CAP.
  - 2 REMOVE EXISTING STORM SEWER PIPING BACK TO CATCH BASIN AND CONNECT NEW.
  - 3 REMOVE EXISTING STORM SEWER LINE TO THIS POINT. SEE SHEET P-2 FOR NEW WORK.
  - 4 REMOVE EXISTING ROOF LEADER PIPING BACK TO THIS POINT. SEE SHEET P-2 FOR NEW WORK.
  - 5 EXISTING ROOF LEADER. SEE SHEET P-2 FOR NEW WORK.

**MEDICAL RESEARCH FACILITY**  
 FIRST FL. ELEV. 994.0'  
 BASEMENT FL. ELEV. 979.0'

**NEW ANIMAL CARE ADDITION**  
 FL. ELEV. 978.0'

**ANIMAL CARE FACILITY**  
 (BELOW GROUND)

**COLLEGE OF DENTISTRY**  
 FIRST FL. ELEV. 993.98'

**U.K. MEDICAL CENTER**  
 FIRST FL. ELEV. 993.98'

**SITE UTILITIES PLAN**  
 SCALE: 1/8" = 1'-0"



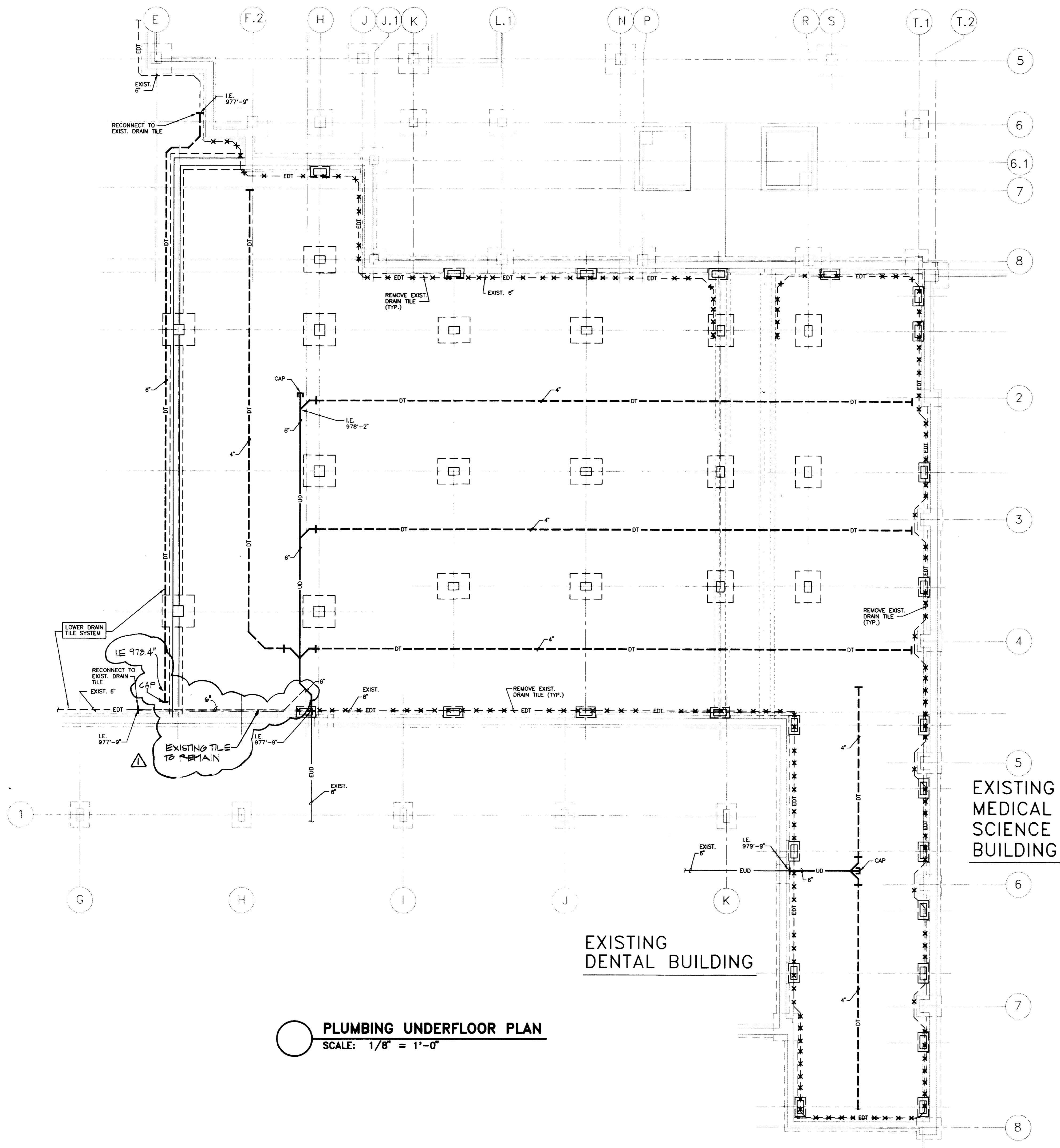
approved by	<b>FINAL DOCUMENTS</b>
director - design and construction division	date
project no.	
date	
file no.	
dr. by	
revision	
drawing	
<b>SHEET NUMBER</b>	<b>U-1</b>
<b>PROJECT NUMBER</b>	<b>90240.03</b>

**SITE UTILITIES PLAN**

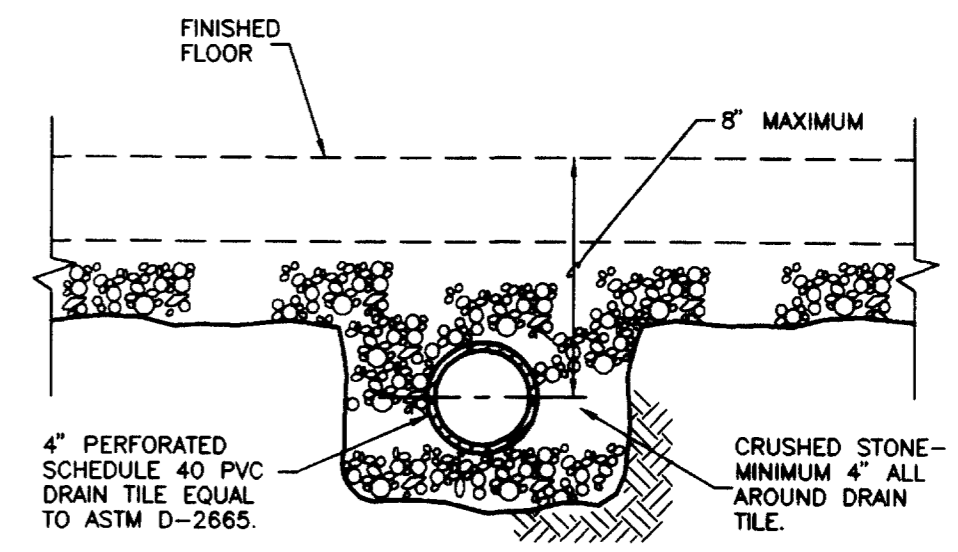
**ANIMAL CARE SHELL**  
**A.B. CHANDLER MEDICAL CENTER**  
**UNIVERSITY OF KENTUCKY**  
 LEXINGTON, KENTUCKY

SHT. PROJECT TITLE

DATE: 12/20/98  
 DRAWN BY: DMH  
 CHECKED BY: DMH  
 REVISION:  
 DATE: 1/2/99



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



**UNDERFLOOR DRAIN TILE INSTALLATION DETAIL**  
 NO SCALE

PLUMBING LEGEND	
---x---x---x---	EXISTING PIPING TO BE REMOVED
--- ERL ---	EXISTING ROOF LEADER PIPING
--- ESS ---	EXISTING STORM SEWER PIPING
--- SS ---	NEW STORM SEWER PIPING
--- ESD ---	EXISTING STORM DRAIN PIPING
--- EUD ---	EXISTING UNDERFLOOR DRAINAGE PIPING
--- UD ---	NEW UNDERFLOOR DRAINAGE PIPING
--- EDT ---	EXISTING DRAIN TILE
--- DT ---	NEW DRAIN TILE
---○---	ELBOW (UP)
---○---	ELBOW (DOWN)
---└---	ELBOW (SIDE)
---○---	TEE (UP)
---○---	TEE (DOWN)
---└---	TEE (SIDE)
C.O.	CLEANOUT
G.C.O.	GRADE CLEANOUT
I.E.	INVERT ELEVATION

**CJM**  
 CHEPMAN MILLER WOODFORD INC.  
 38 S. BROADWAY  
 LEXINGTON, KENTUCKY 40502  
 (606) 254-4825

**SE**  
 Steggs and Fisher  
 Consulting Engineers, Inc.  
 1015 S. MAIN ST.  
 LEXINGTON, KY 40502  
 (606) 254-1111

FAILURE TO ABIDE BY  
 DESIGN DOCUMENTS OR  
 TO OBTAIN GUIDANCE  
 FROM THE DESIGNER  
 MAY BE CAUSE FOR  
 WITHDRAWAL OF THE  
 PROFESSIONAL SEAL AND  
 LICENSE OF THE ENGINEER  
 OR ARCHITECT.  
 STATE OF KENTUCKY  
 DANIEL H. BRADSHAW  
 REGISTERED PROFESSIONAL ENGINEER  
 NO. 10423  
 PROJECT NO. 90240.03

PLUMBING UNDERFLOOR PLAN  
 ANIMAL CARE SHELL  
 A.B. CHANDLER MEDICAL CENTER  
 UNIVERSITY OF KENTUCKY  
 LEXINGTON, KENTUCKY

SHT. PROJECT TITLE  
 DATE: 12/20/93  
 DRAWN BY: DMH  
 CHECKED BY: DHB  
 REVISION:  
 DATE: 1-13-94  
 1  
 2  
 3  
 4

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

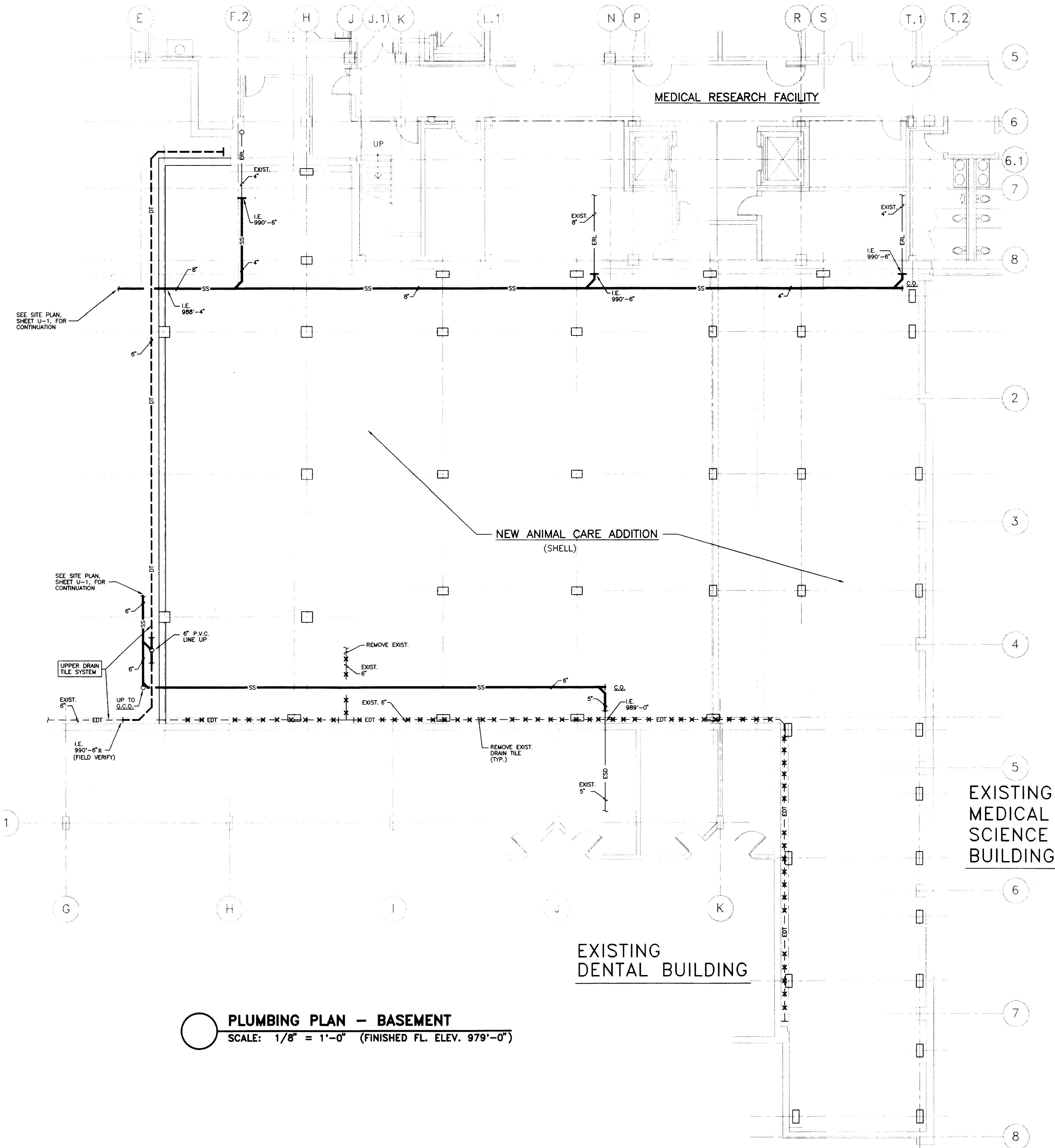
UNIVERSITY OF KENTUCKY  
 LEXINGTON, KENTUCKY  
 PROJECT NUMBER  
 90240.03

SHEET NUMBER  
**P-1**

PROJECT NUMBER  
 90240.03

DRAWING: N:\DWG\UKAC\PLUMB\9-1.DWG SCALE= 48. L1SCALE= 30. DWSCALE= 96. 12/20/93 AT 11:32



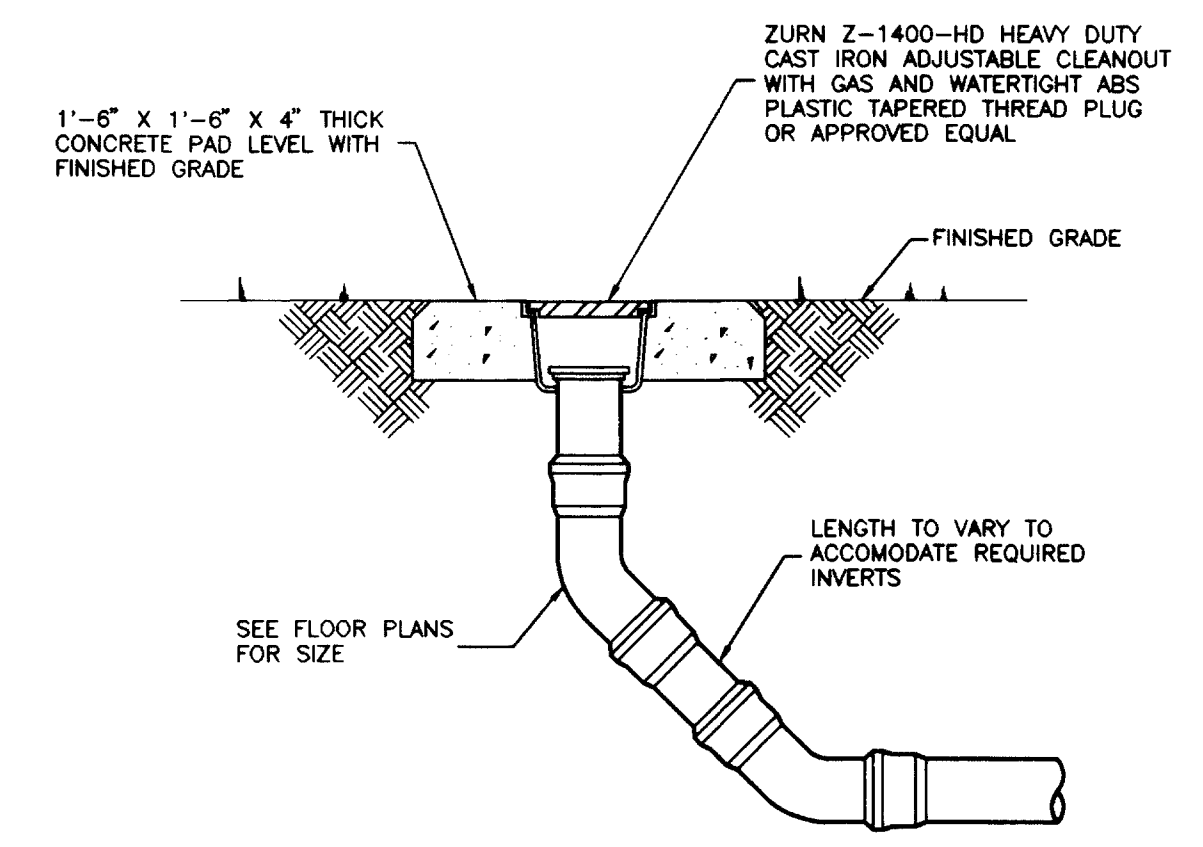


SEE SITE PLAN, SHEET U-1, FOR CONTINUATION

SEE SITE PLAN, SHEET U-1, FOR CONTINUATION

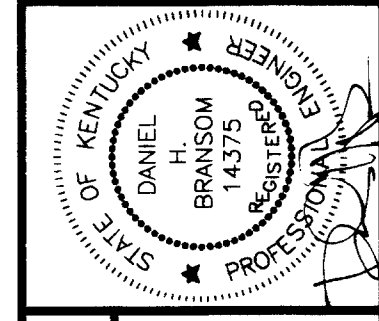
UPPER DRAIN TILE SYSTEM

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



**EXTERIOR GRADE CLEANOUT DETAIL**  
 NO SCALE

FAILURE TO ABIDE BY THE DESIGN PROFESSIONAL'S INSTRUCTIONS OR TO OBTAIN GUIDANCE FROM THE DESIGN PROFESSIONAL MAY BE CAUSAL IN CONNECTION WITH ANY DAMAGE TO PERSONS OR PROPERTY. THE DESIGN PROFESSIONAL'S LIABILITY IS LIMITED TO THE PROFESSIONAL SERVICES PROVIDED AND DOES NOT INCLUDE THE DESIGN OF CONTRACTS WHICH ARE ALIEN TO THE PROFESSIONAL SERVICES PROVIDED.



PLUMBING PLAN - BASEMENT FLOOR  
**ANIMAL CARE SHELL**  
**A.B. CHANDLER MEDICAL CENTER**  
**UNIVERSITY OF KENTUCKY**  
 LEXINGTON, KENTUCKY

DATE: 12/20/98  
 DRAWN BY: DWH  
 CHECKED BY: DWH  
 REVISION:  
 DATE 1  
 2  
 3  
 4

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

**SHEET NUMBER**  
**P-2**  
**PROJECT NUMBER**  
 90240.03