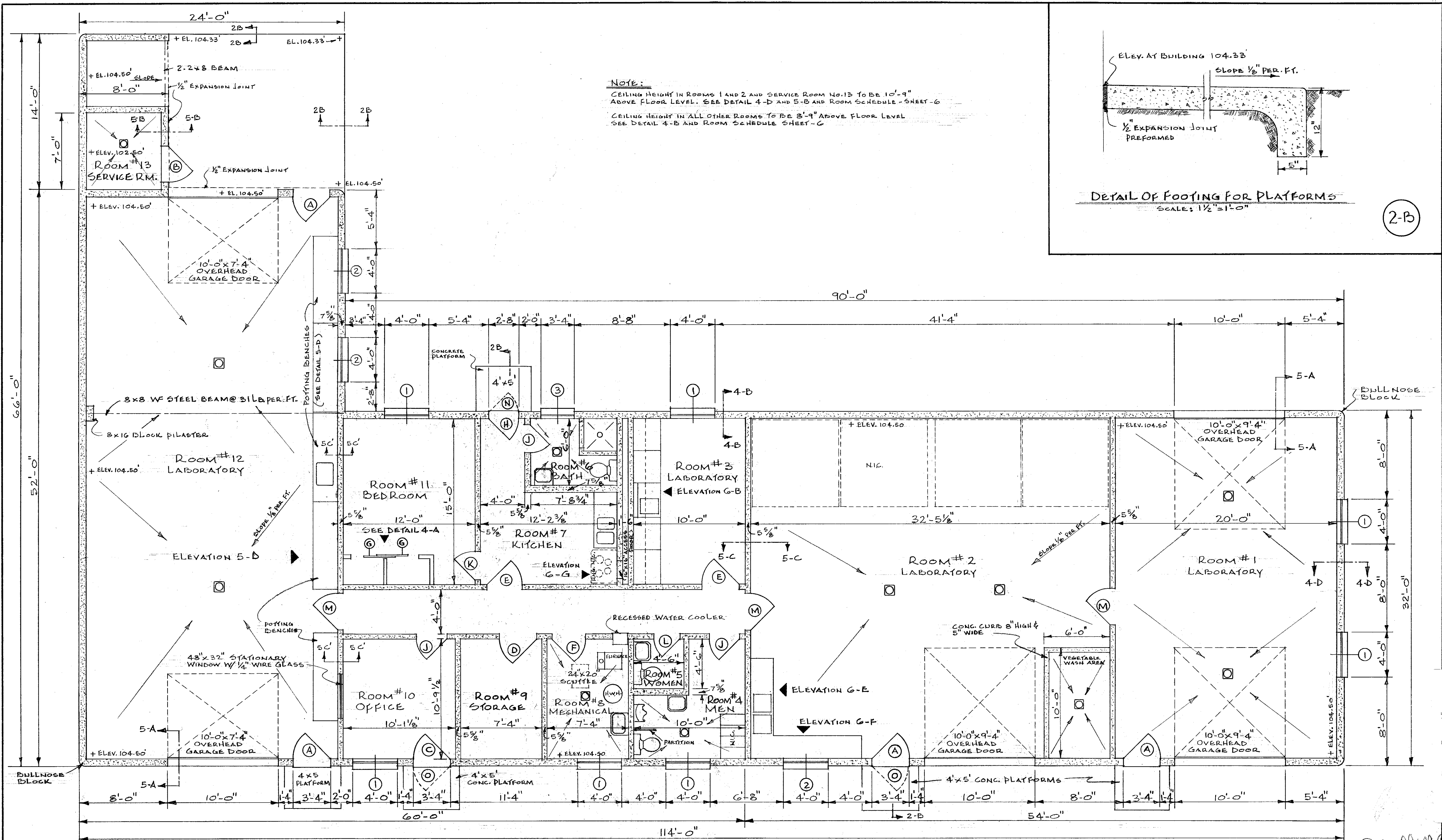


HORTICULTURAL FIELD RESEARCH LABORATORY — SOUTH FARM



NOTE:
 CEILING HEIGHT IN ROOMS 1 AND 2 AND SERVICE ROOM NO. 13 TO BE 10'-9"
 ABOVE FLOOR LEVEL. SEE DETAIL 4-D AND 5-B AND ROOM SCHEDULE - SHEET - 6
 CEILING HEIGHT IN ALL OTHER ROOMS TO BE 8'-9" ABOVE FLOOR LEVEL
 SEE DETAIL 4-B AND ROOM SCHEDULE SHEET - C

DETAIL OF FOOTING FOR PLATFORMS
 SCALE: 1 1/2" = 1'-0"

(2-B)

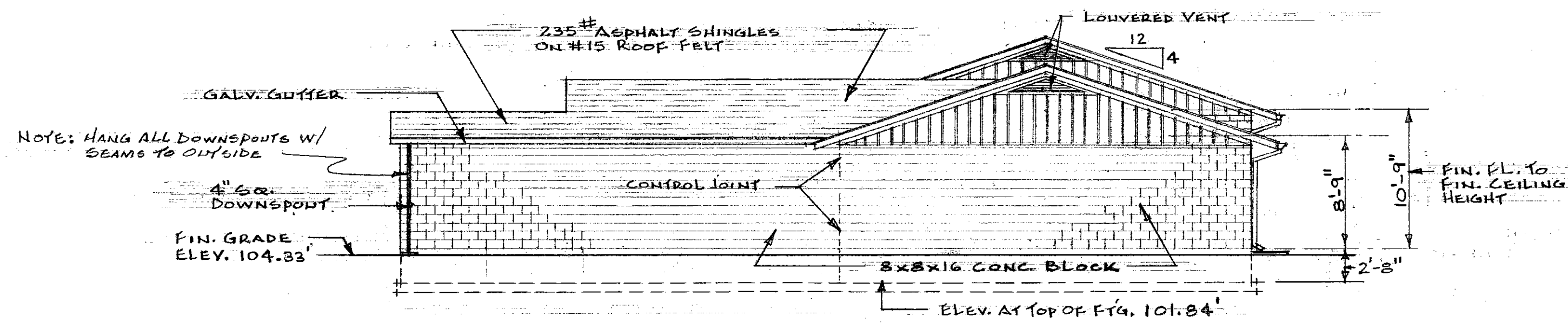
FLOOR PLAN
 SCALE: 1/4" = 1'-0"

(2-A)

HORTICULTURAL FIELD RESEARCH LABORATORY — SOUTH FARM

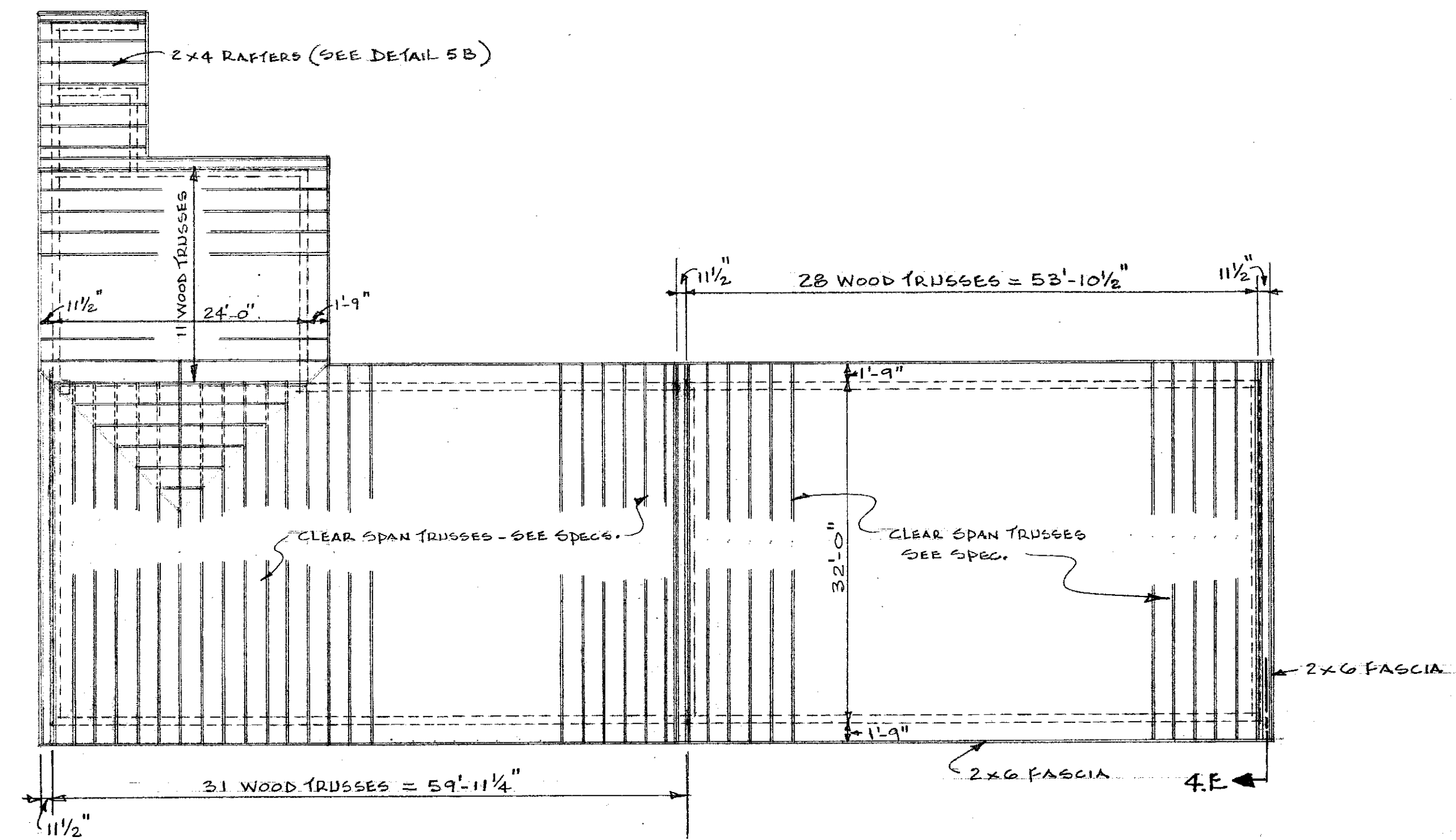
APPROVED BY: <i>W.F. McConnell</i> CHIEF OF ENGINEERING STAFF		DATE: 4/15/69
UNIVERSITY OF KENTUCKY Lexington, Kentucky	2 SHEET OF 11	
Approved By: <i>Starr</i>	Date: 2/19/69	Date Drawn: DEC. 1968
Approved By: <i>James G. Boyant</i>	Date: 2/17/69	Drawn By: <i>R.E. PASTER</i>
Approved By: <i>W.F. McConnell</i>	Date:	Designed By: <i>J.N.W. - J.B.S.</i>
		DWG. NO.

U-4673



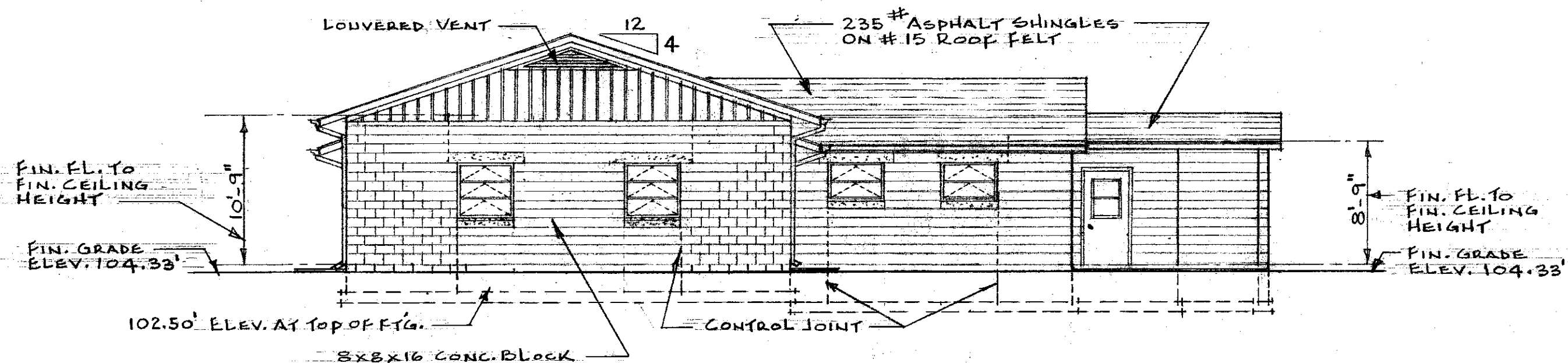
EAST ELEVATION
SCALE: 1/8" = 1'-0"

3-A



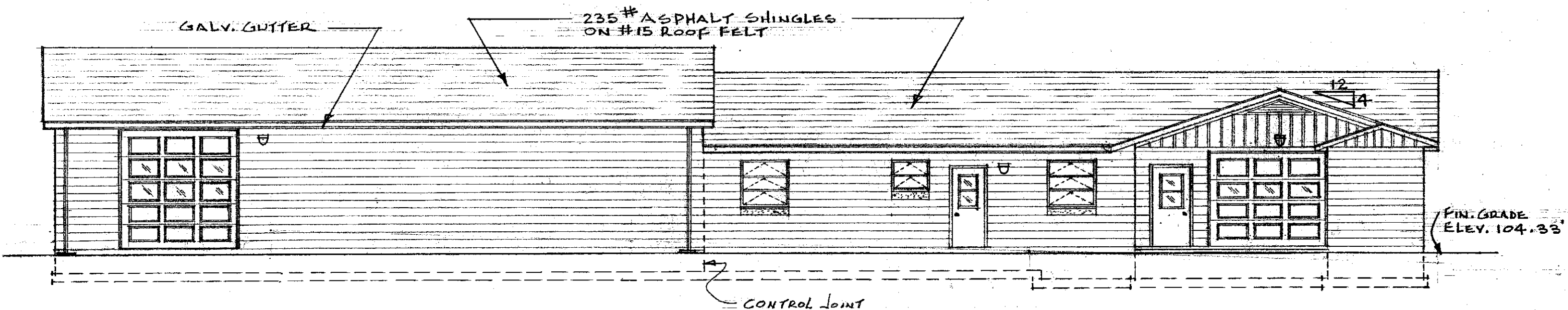
ROOF FRAMING PLAN
SCALE: 3/32" = 1'-0"

3-E



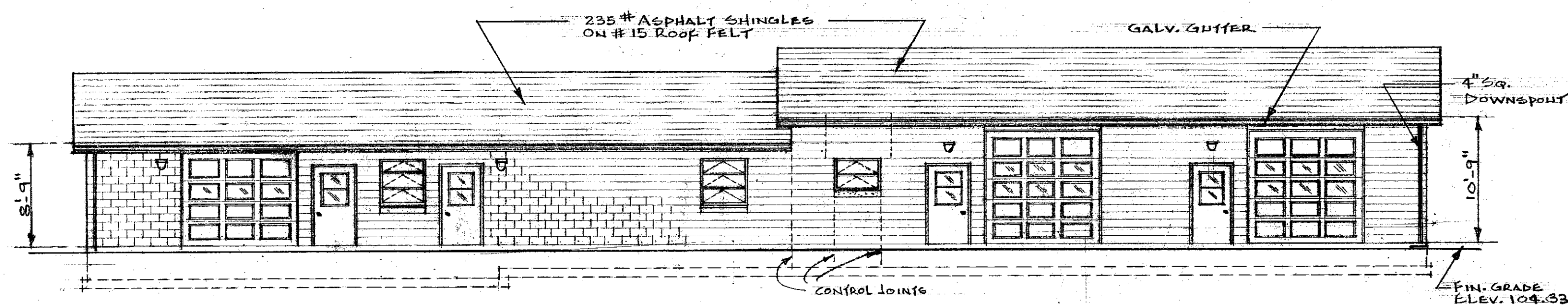
WEST ELEVATION
SCALE: 1/8" = 1'-0"

3-B



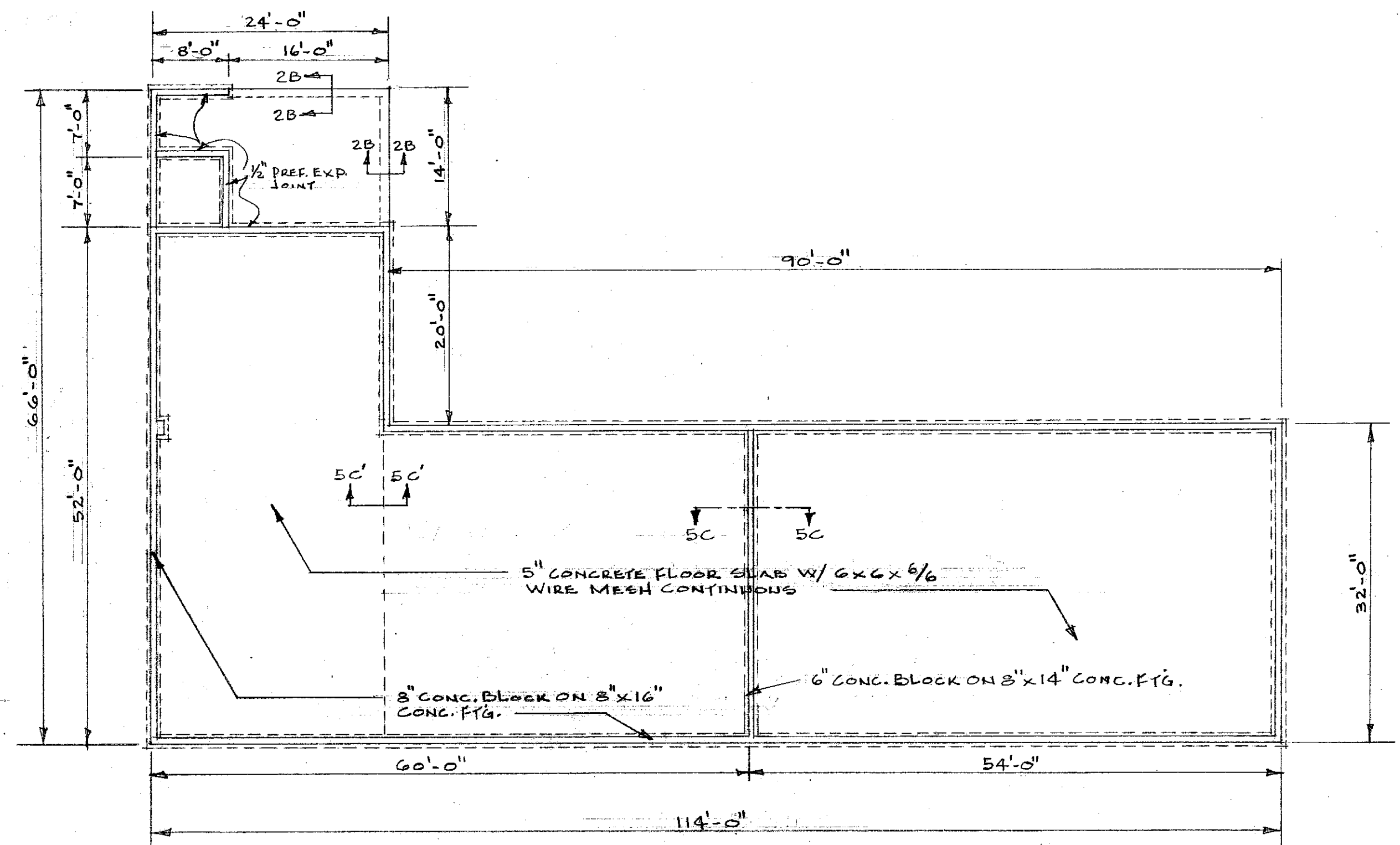
SOUTH ELEVATION
SCALE: 1/8" = 1'-0"

3-C



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

3-D



FOUNDATION PLAN
SCALE: 3/32" = 1'-0"

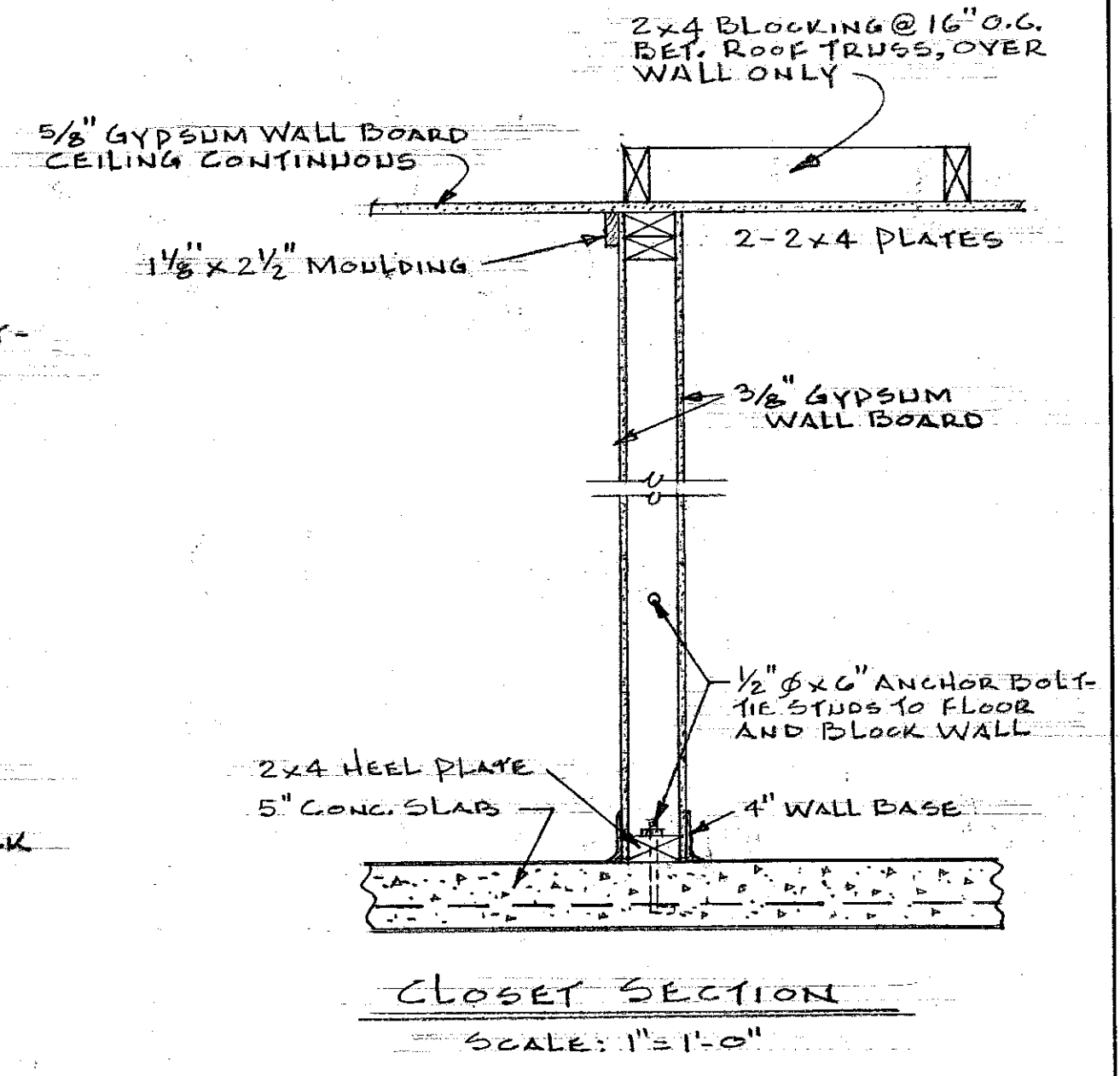
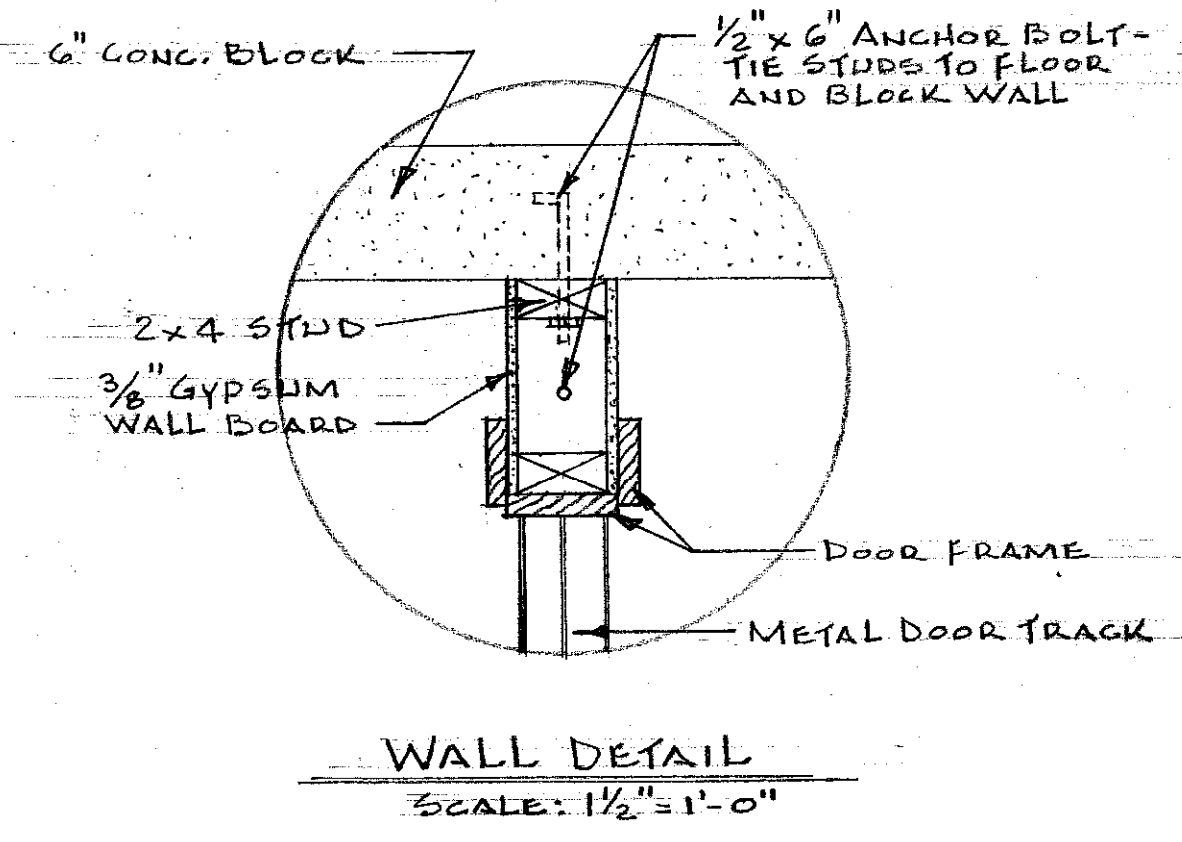
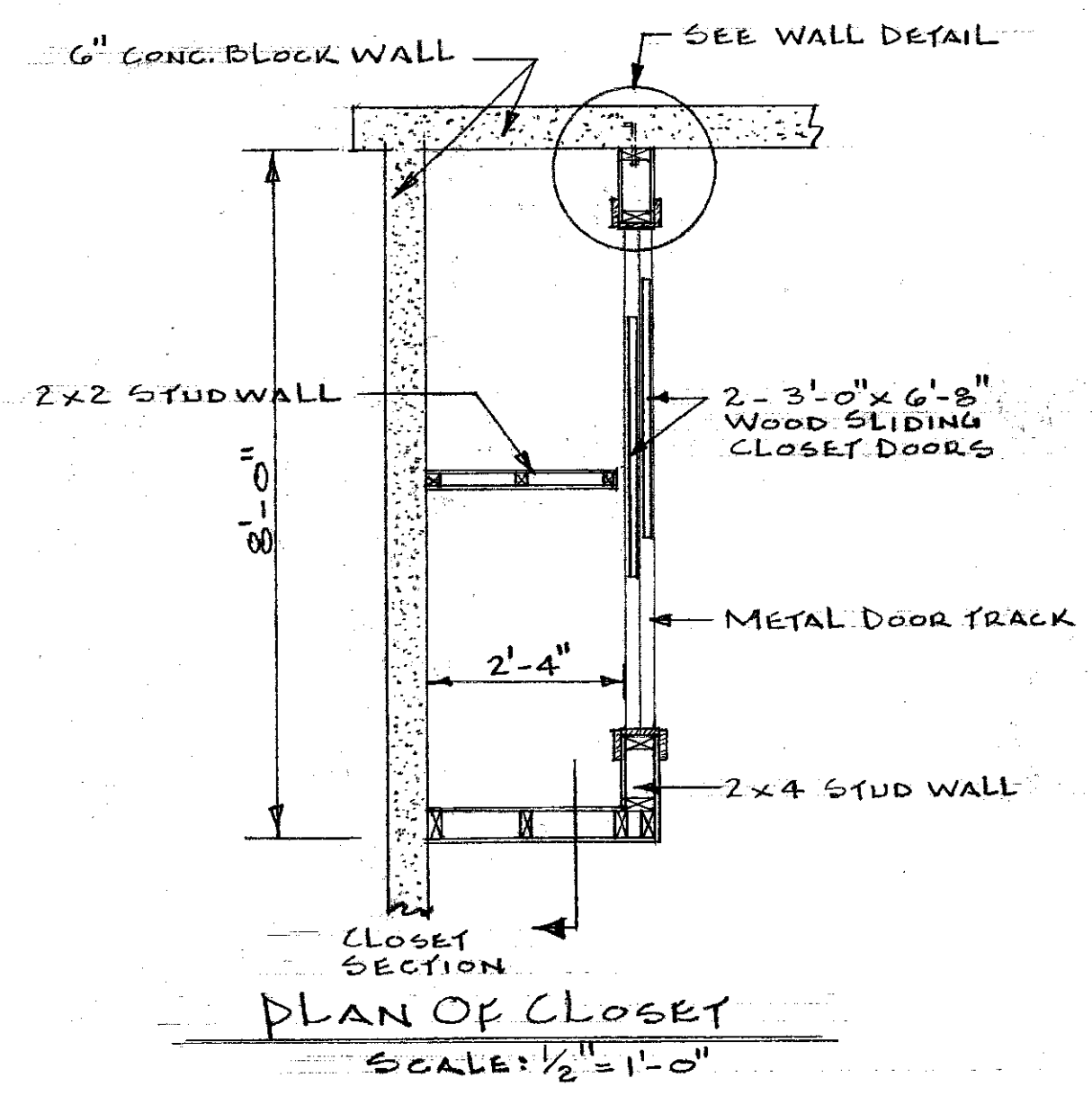
3-F

HORTICULTURAL FIELD RESEARCH LABORATORY — SOUTH FARM

APPROVED BY: <i>W. J. Mc Connell</i>	CHIEF OF ENGINEERING STAFF	DATE: 4/15/69
UNIVERSITY OF KENTUCKY Lexington, Kentucky		SHEET 3 OF 11
Approved By: <i>[Signature]</i>	Date: 2-19-69	Date Drawn: DEC. 1968
Approved By: <i>[Signature]</i>	Date: 2-19-69	Designed By: J. N. W. J. S. B.
Approved By: <i>[Signature]</i>	Date:	DWG. NO.

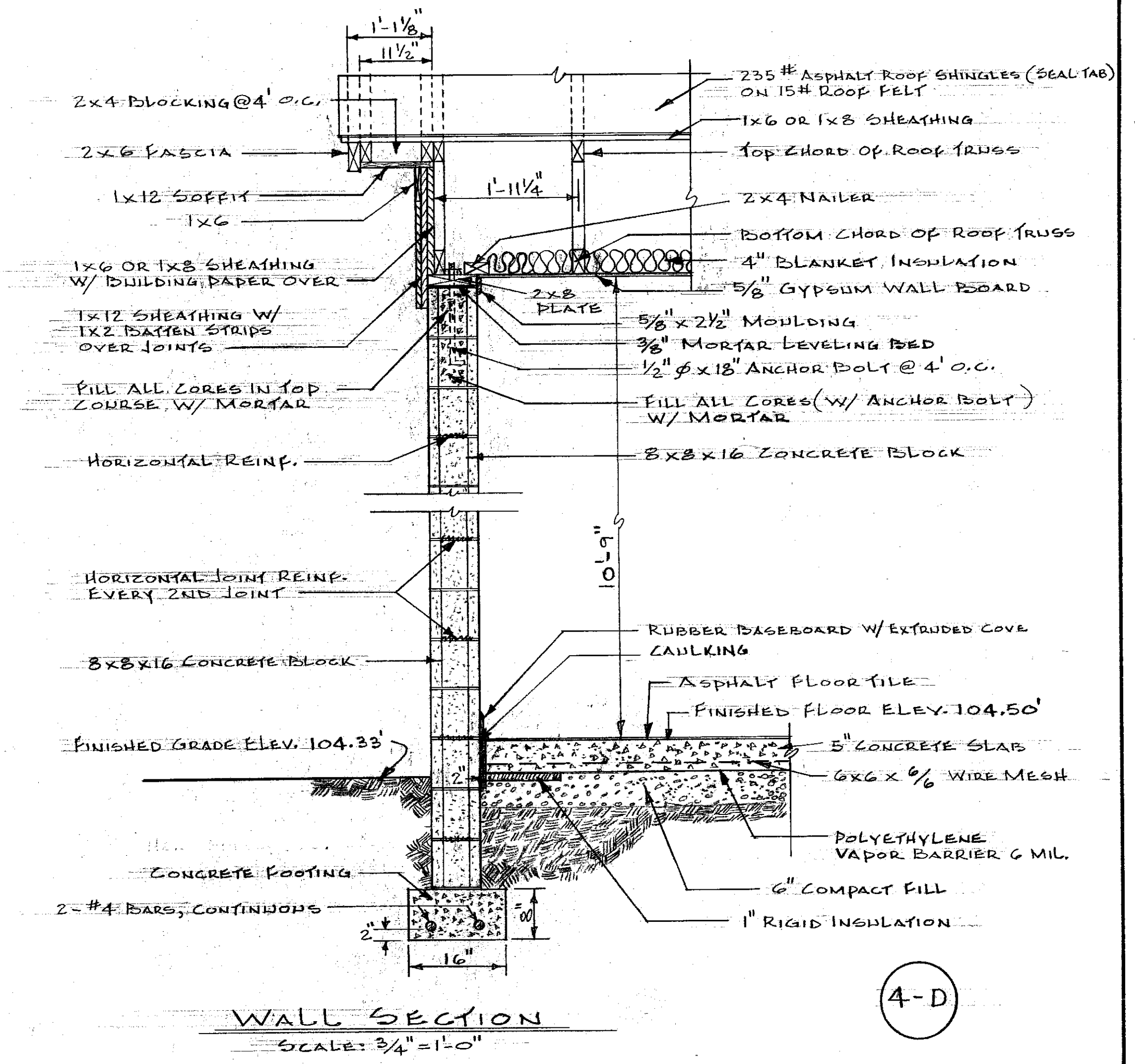
4-4674

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 C-3
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 210 3



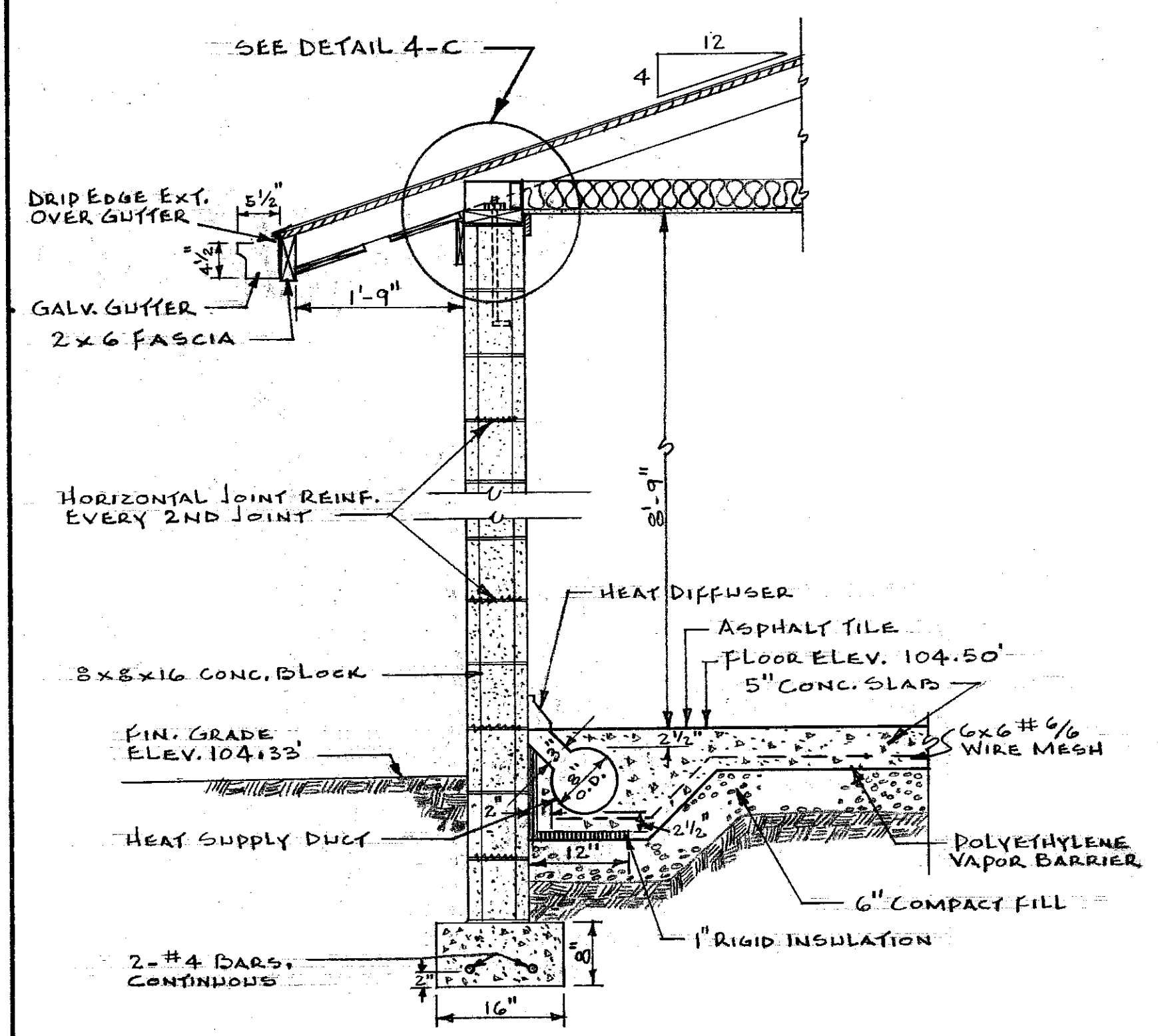
CLOSET DETAILS ROOM #11

4-A



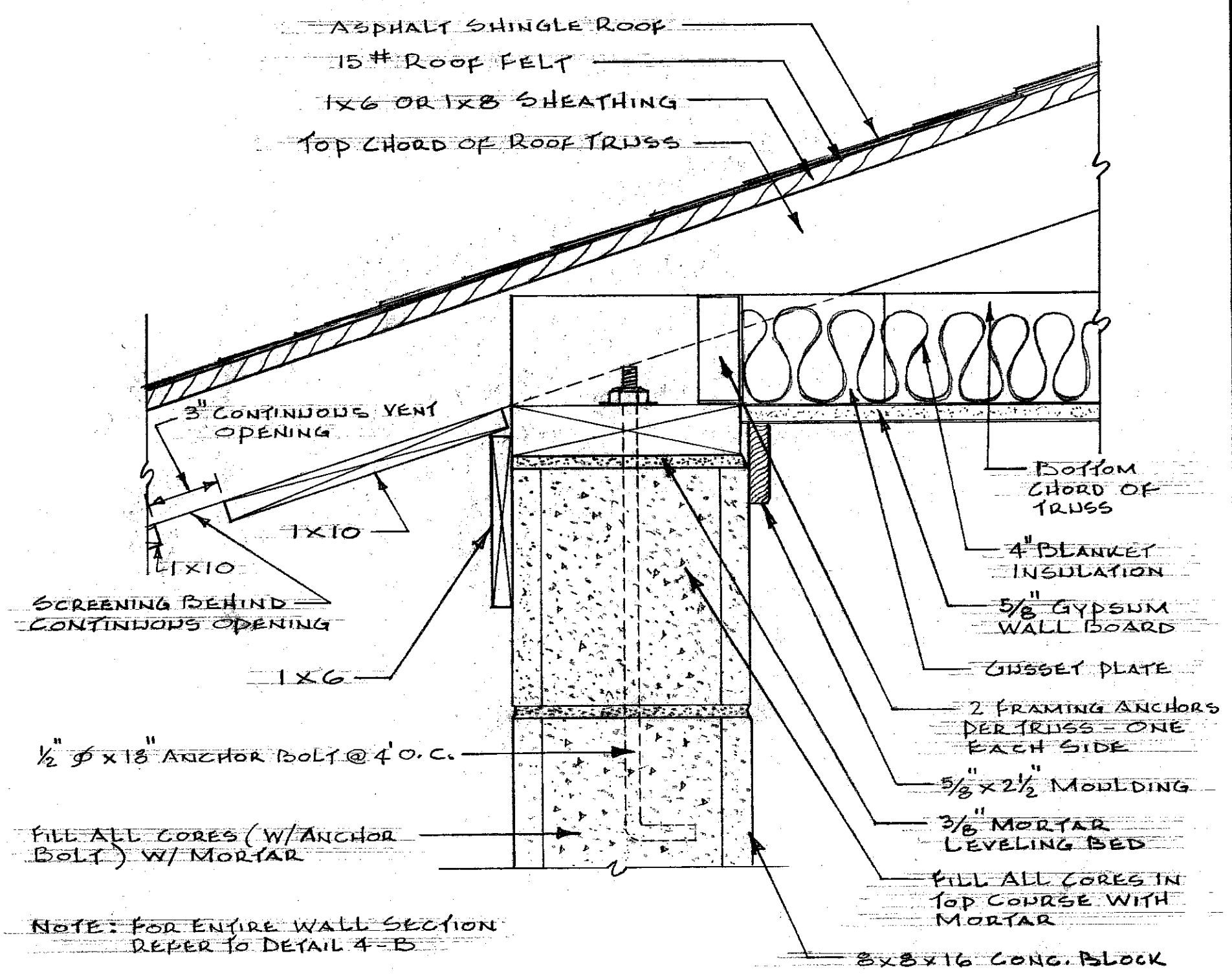
WALL SECTION

4-D



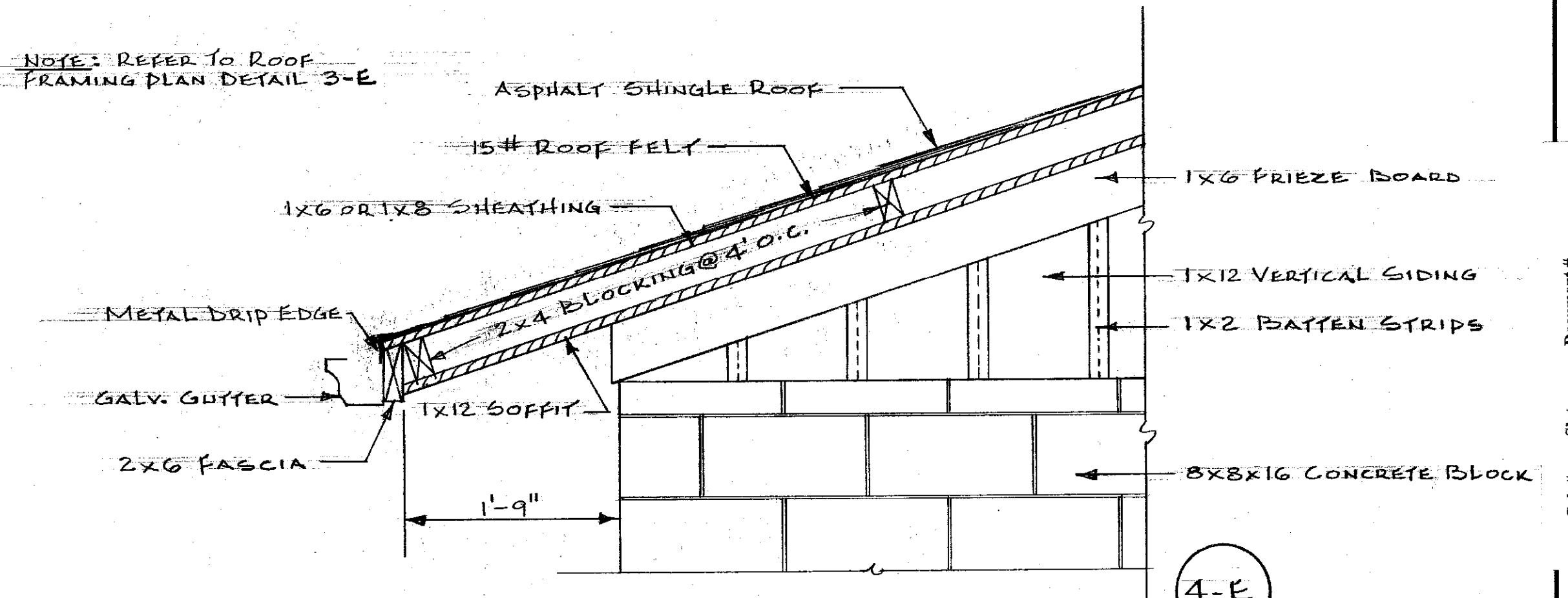
WALL SECTION

4-B



DETAIL WALL SECTION

4-C



GABLE END DETAIL

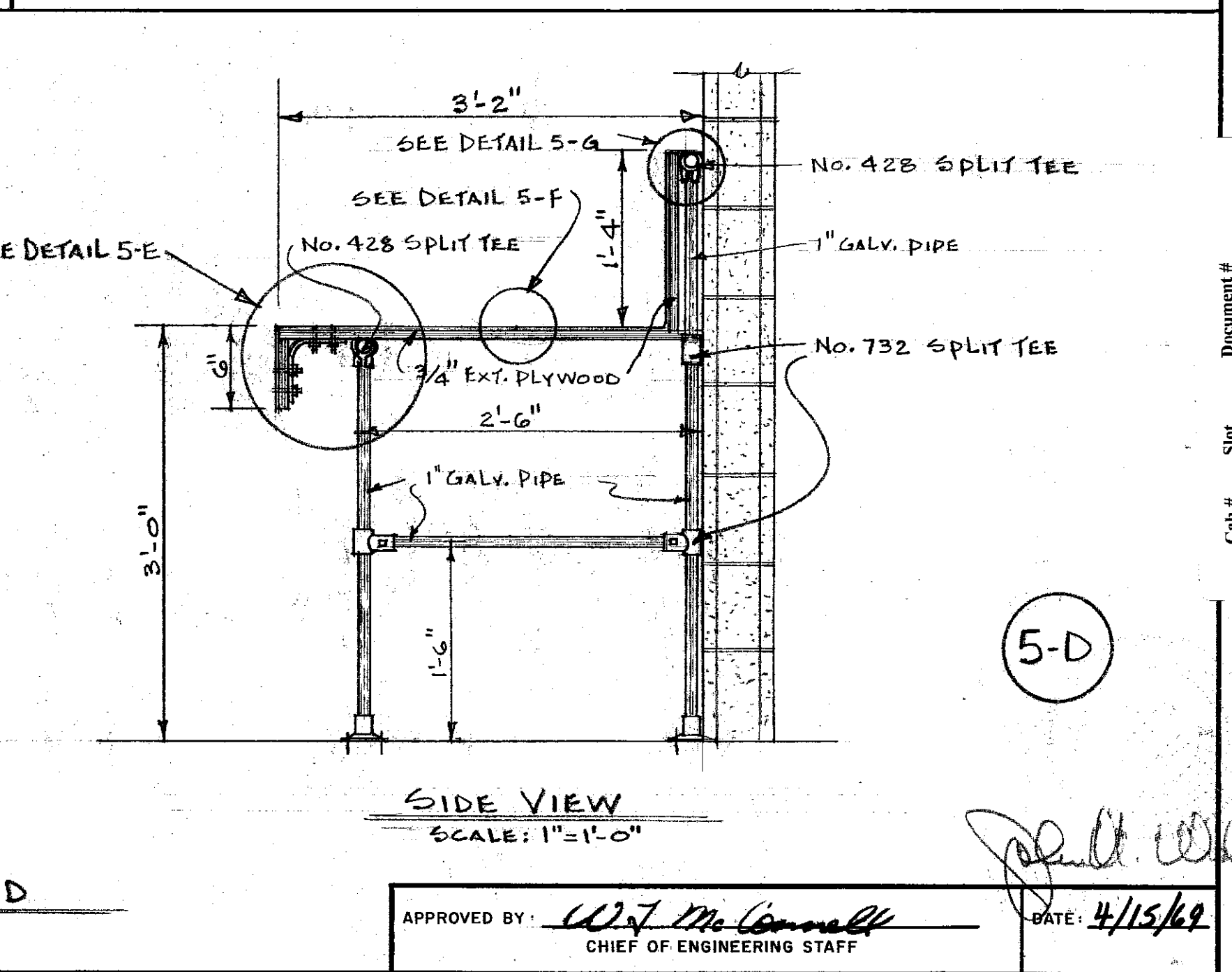
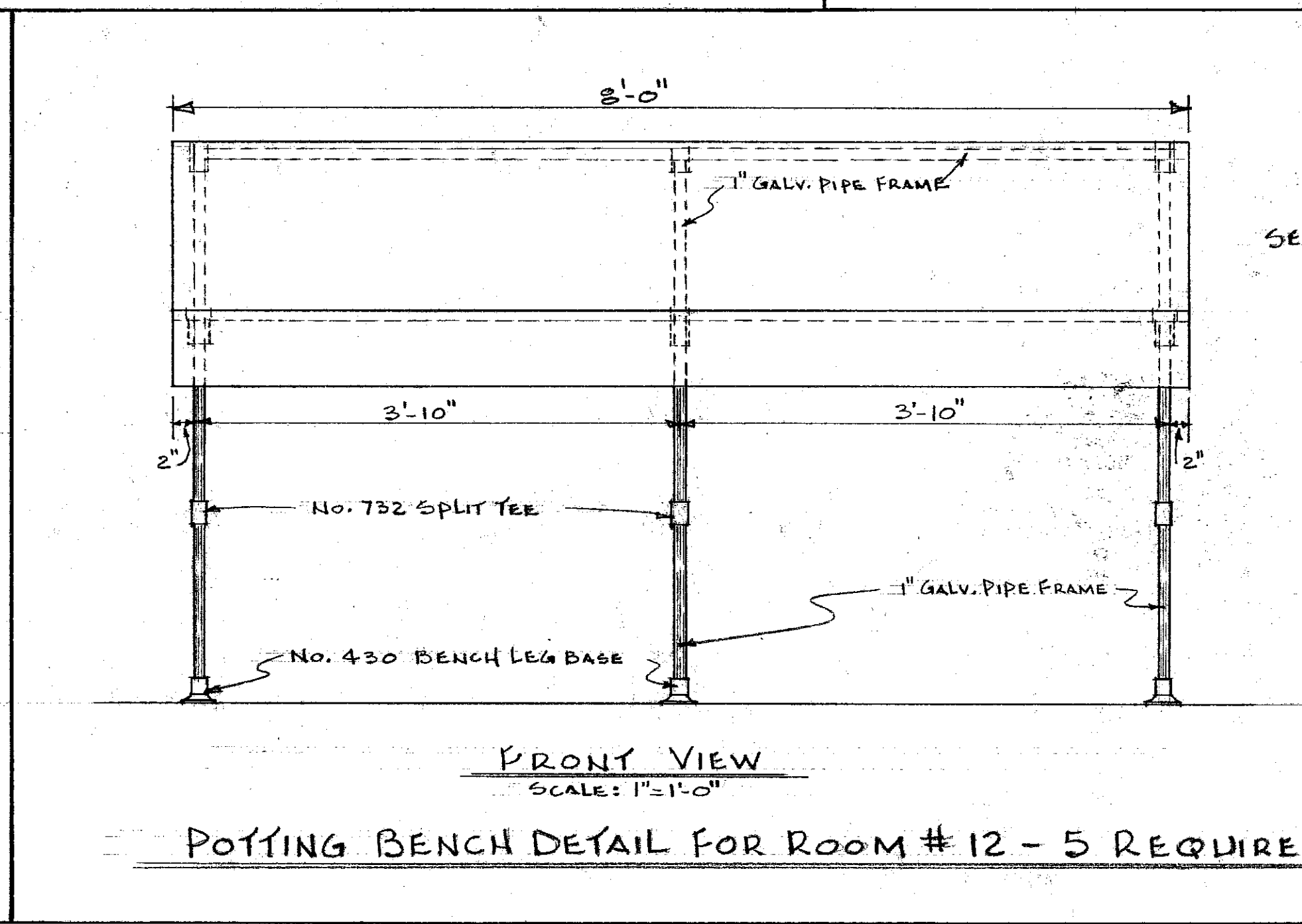
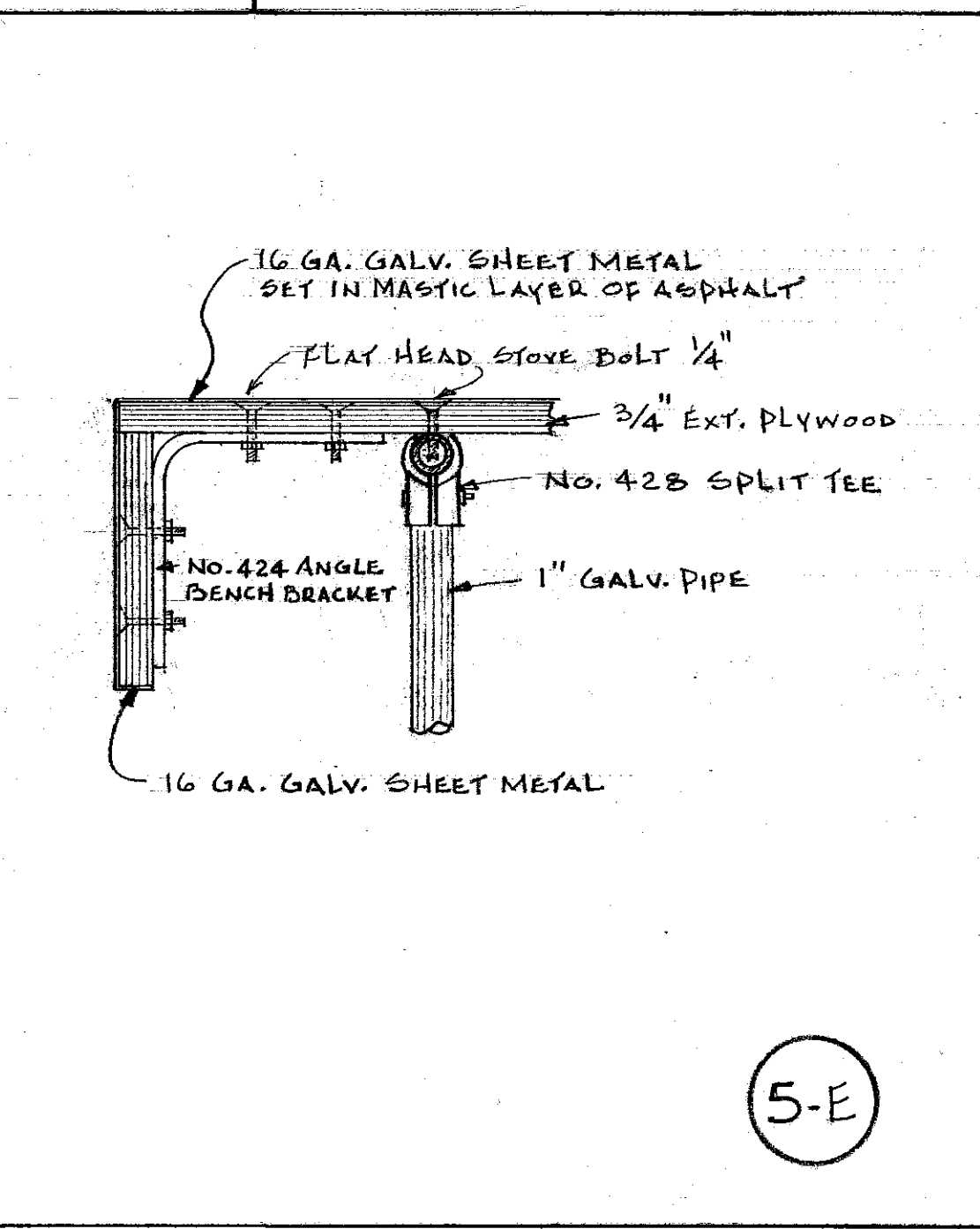
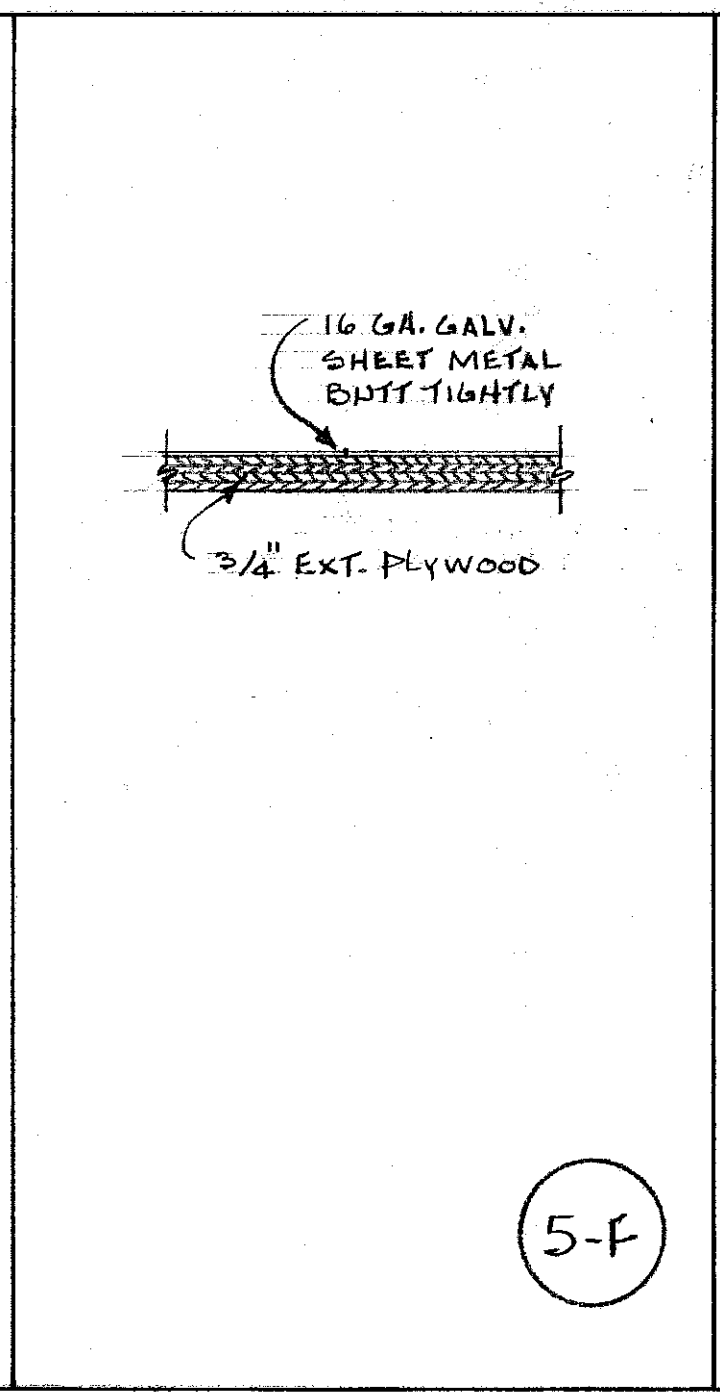
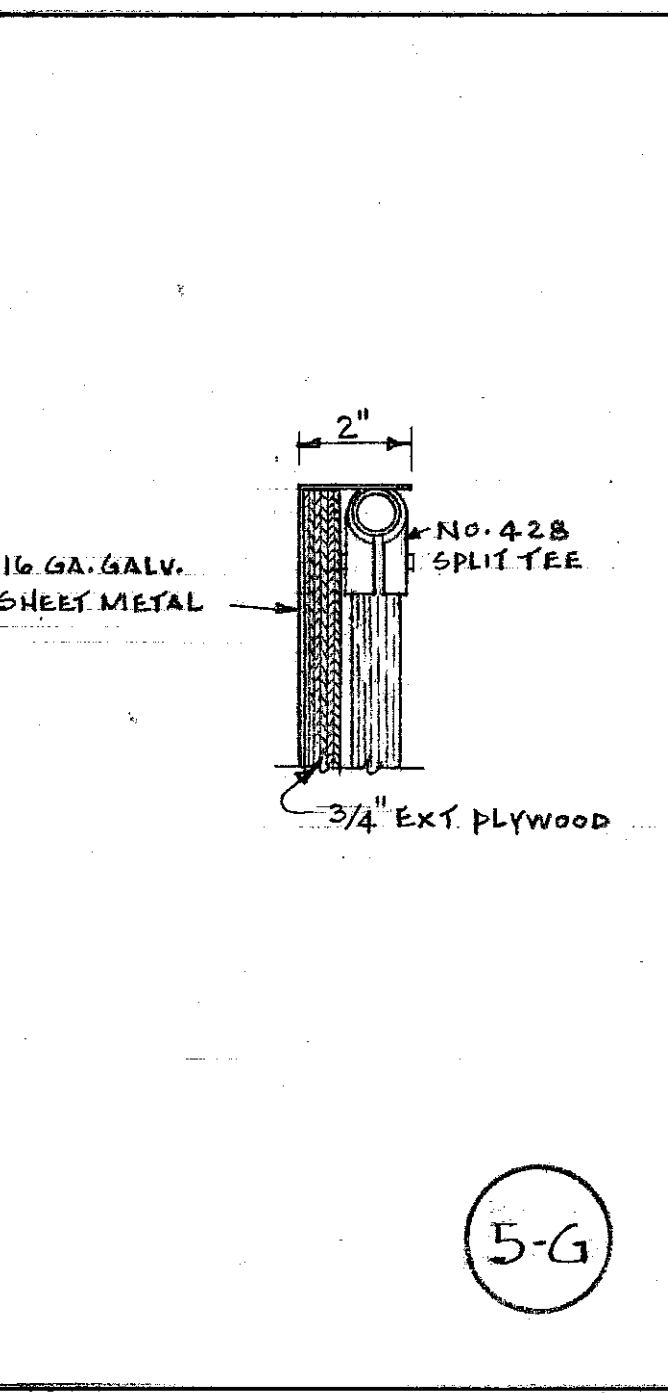
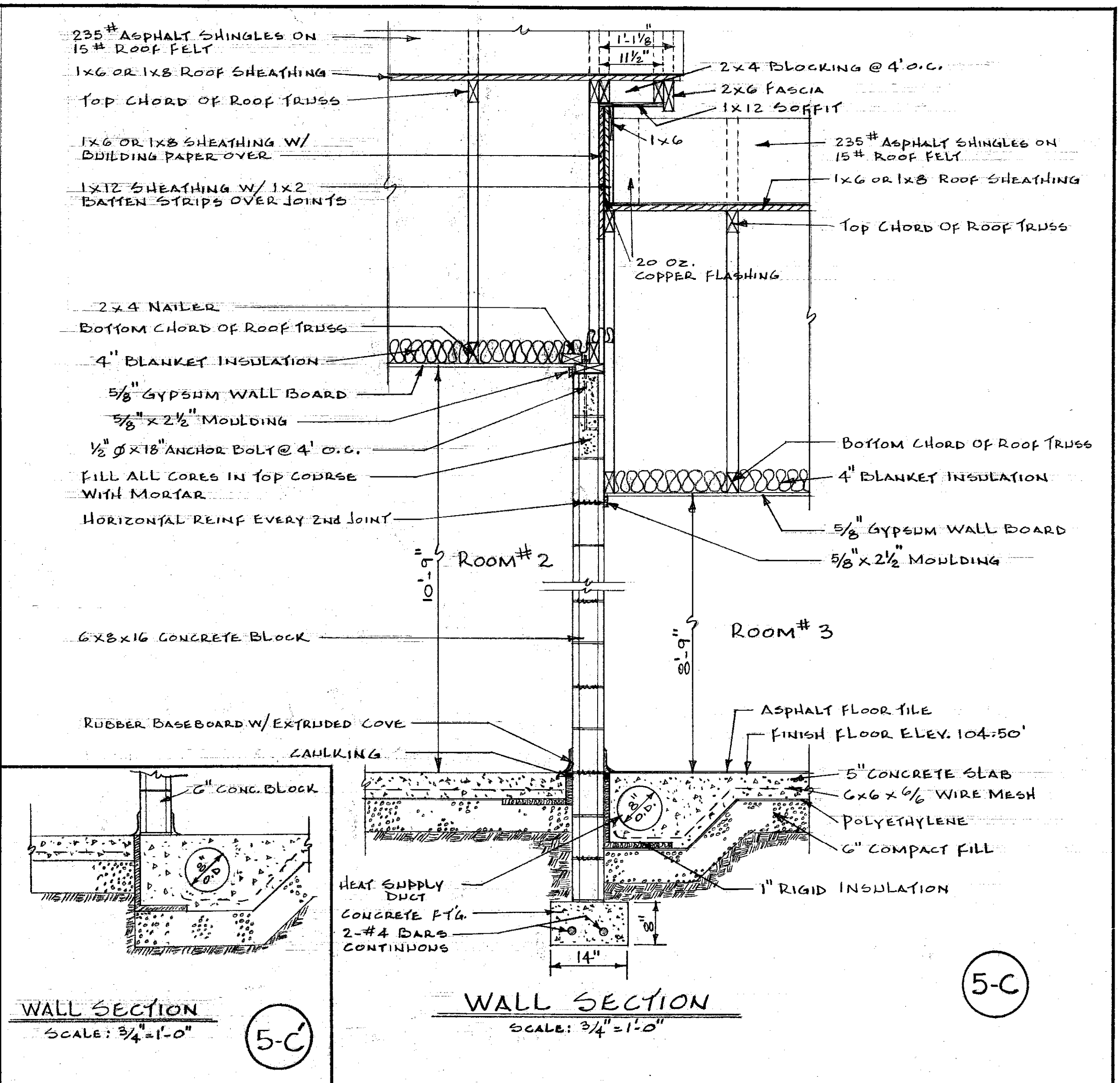
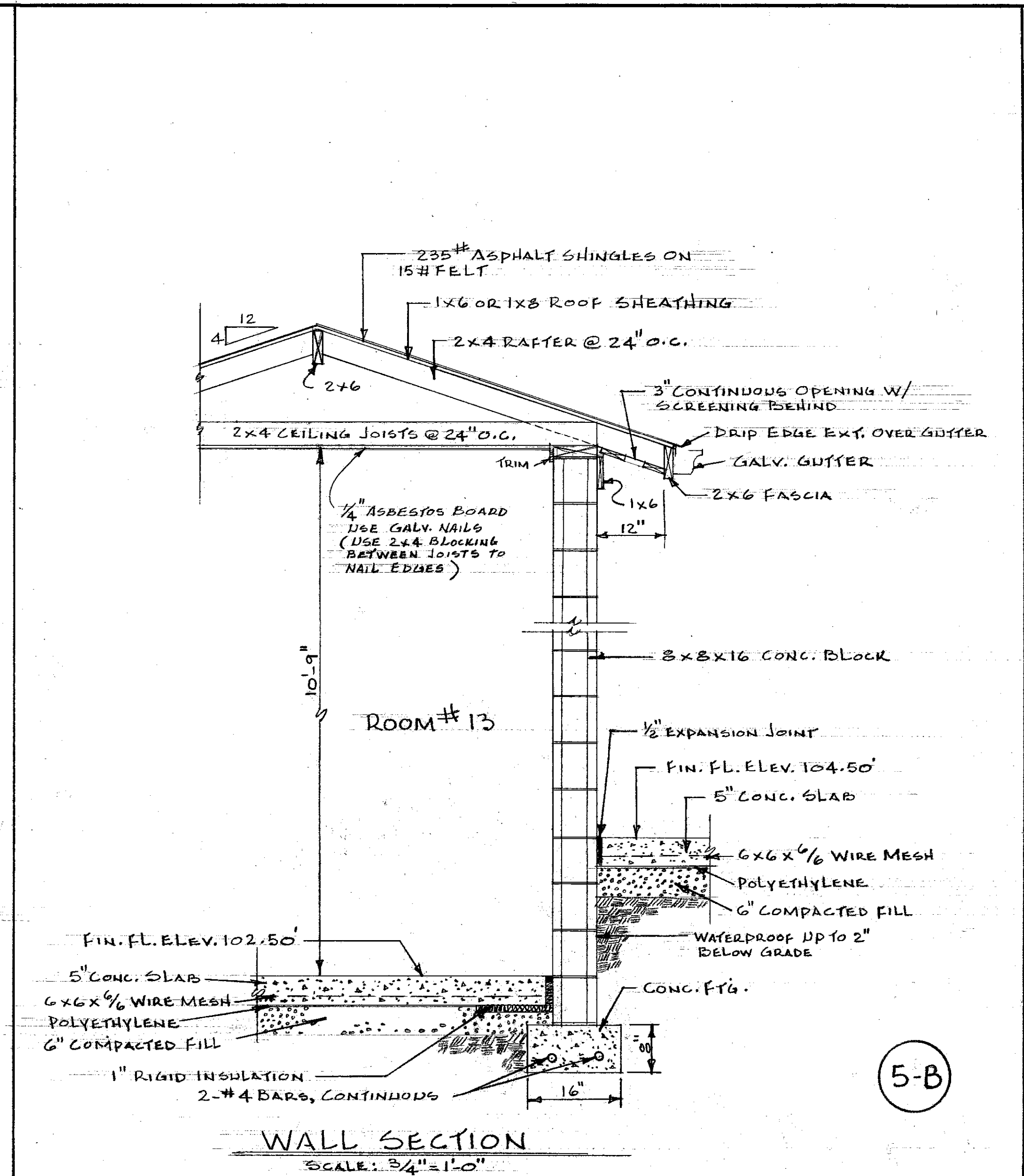
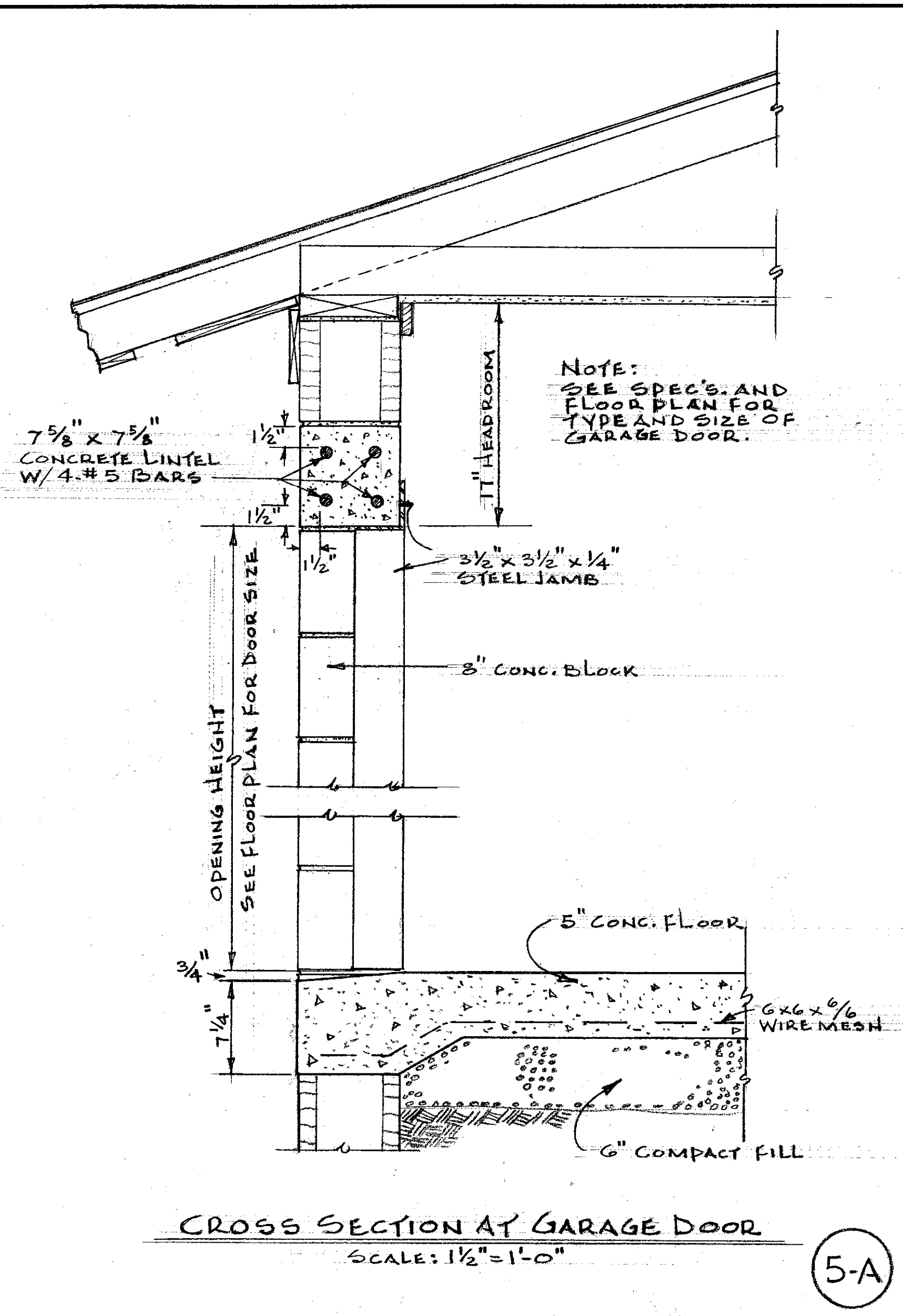
4-E

NOTE: REFER TO ROOF FRAMING PLAN DETAIL 3-E

APPROVED BY: *W. J. M. Connolly* CHIEF OF ENGINEERING STAFF DATE: 4/15/68

UNIVERSITY OF KENTUCKY Lexington, Kentucky	4	SHEET OF 11
Approved By: <i>S. P. Harris</i>	Date: 2-19-67	Date Drawn: DEC. 1968
Approved By: <i>W. J. M. Connolly</i>	Date: 2/19/69	Designed By: J.N.W. - J.B.B.
Approved By: <i>W. J. M. Connolly</i>	Date:	DWG. NO.

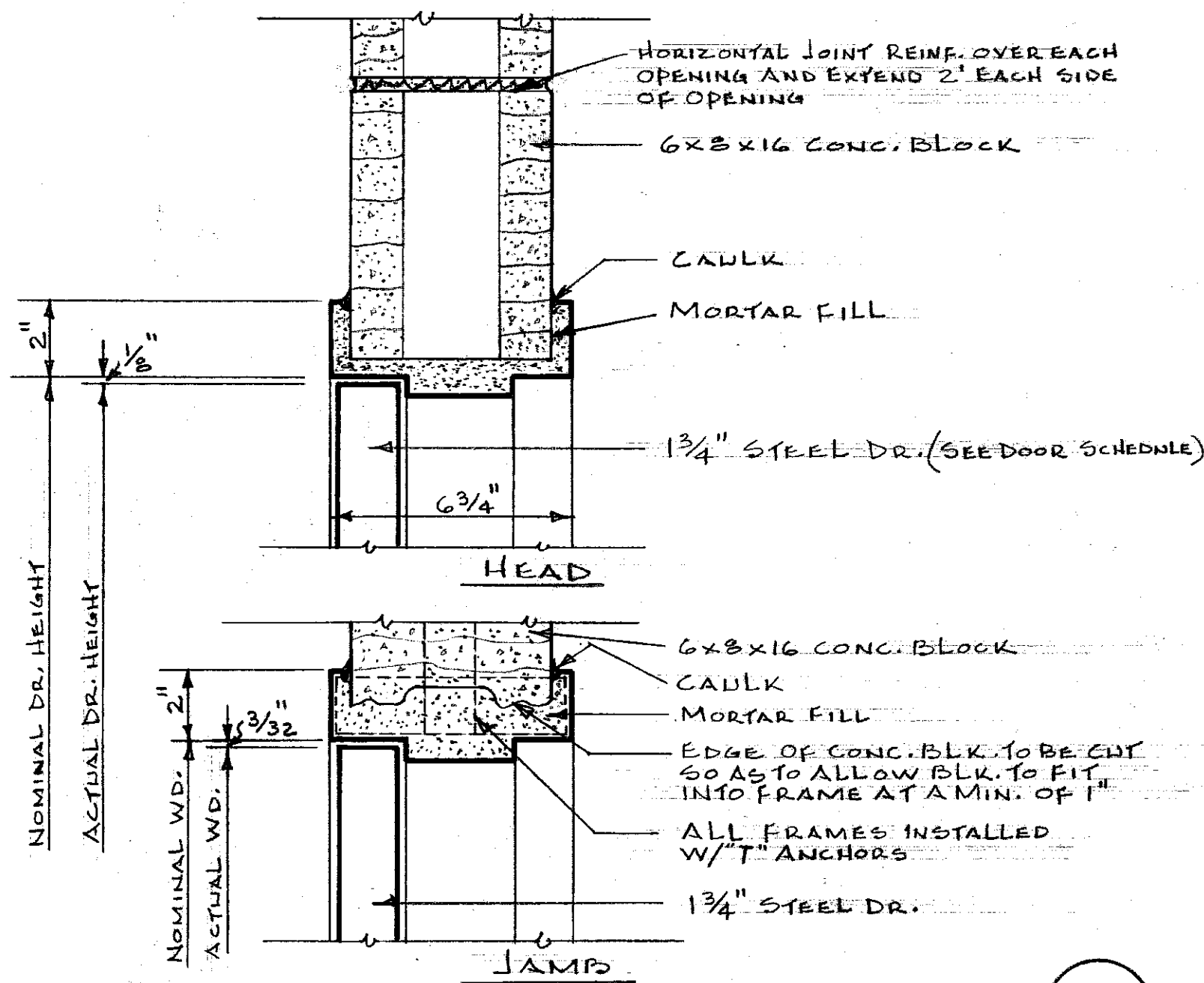
HORTICULTURAL FIELD RESEARCH LABORATORY — SOUTH FARM



APPROVED BY: *W. J. McConnell* DATE: 4/15/69
CHIEF OF ENGINEERING STAFF

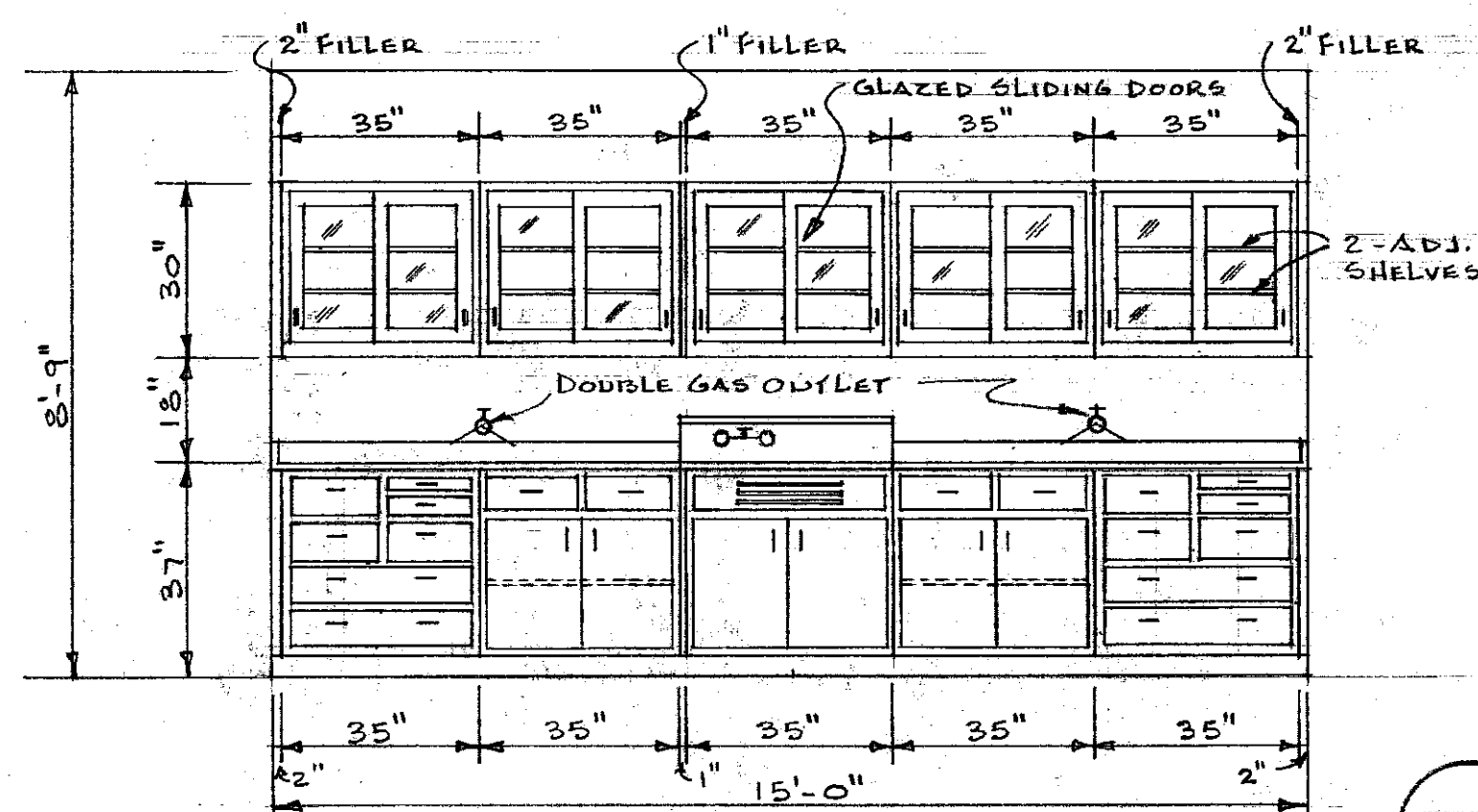
UNIVERSITY OF KENTUCKY Lexington, Kentucky	5 SHEET OF 11
Approved By: <i>B. Davis</i> Date: 2-11-68	Date Drawn: DEC. 1968
Approved By: <i>Charles E. Bennett</i> Date: 2/19/69	Drawn By: <i>B. E. Baster</i>
Approved By: <i>W. J. McConnell</i> Date: _____	Designed By: <i>J. H. W. - J. B. B.</i>
Approved By: _____ Date: _____	DWG. NO. _____

HORTICULTURAL FIELD RESEARCH LABORATORY — SOUTH FARM



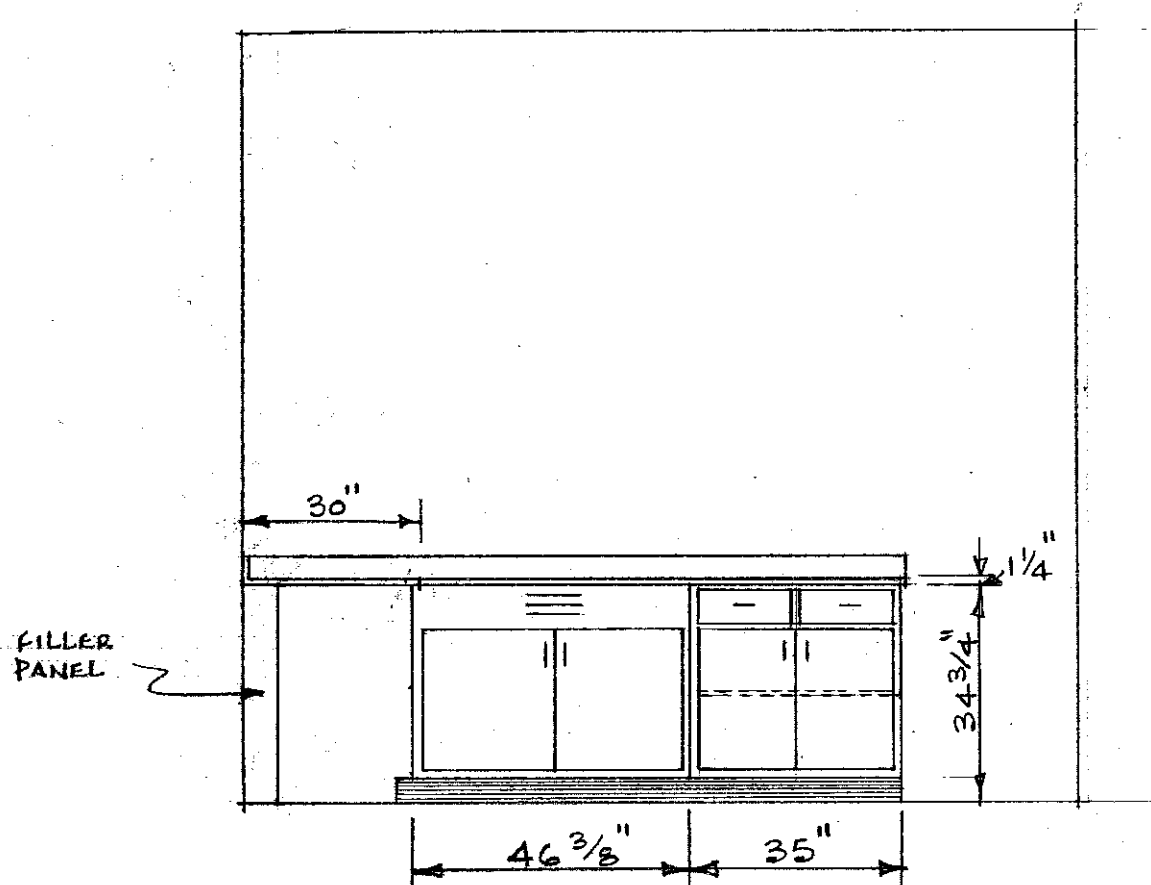
INTERIOR DOOR DETAILS
SCALE: 3" = 1'-0"

6-A



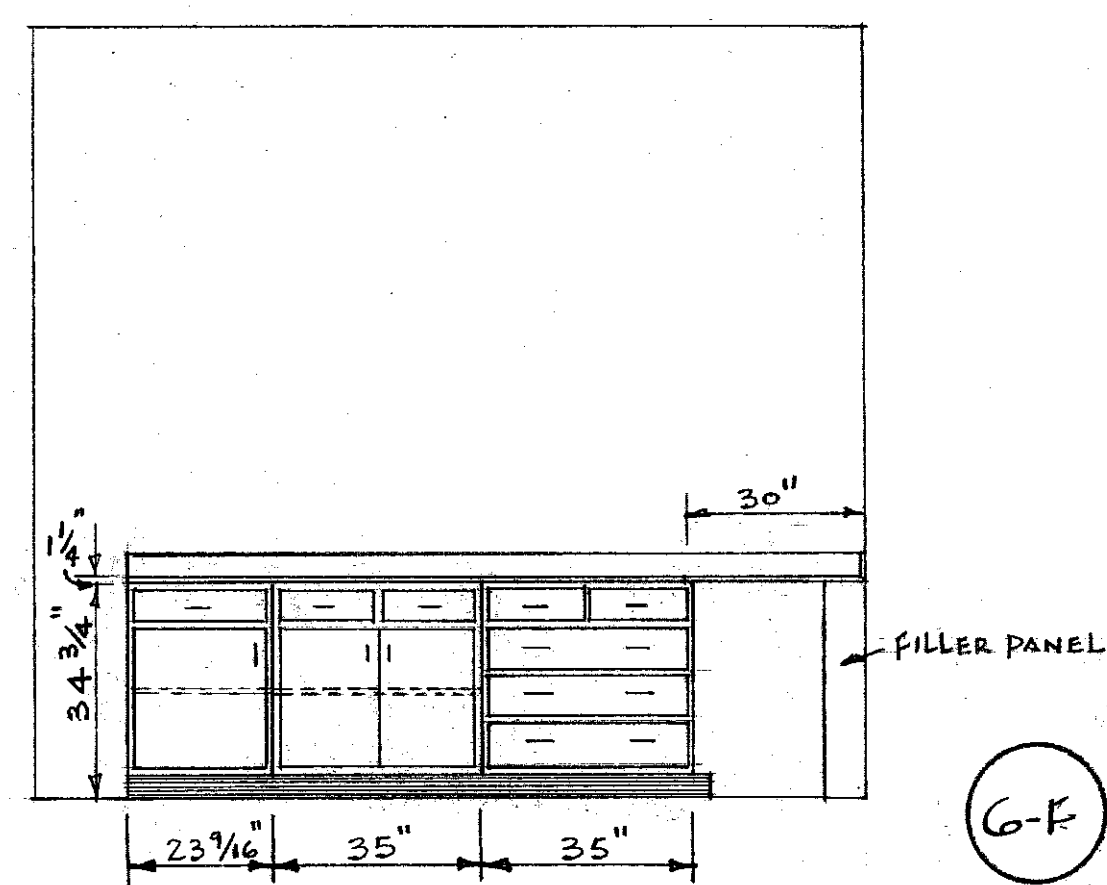
LABORATORY ELEVATION FOR RM. NO. 3
SCALE: 3/8" = 1'-0"

6-B



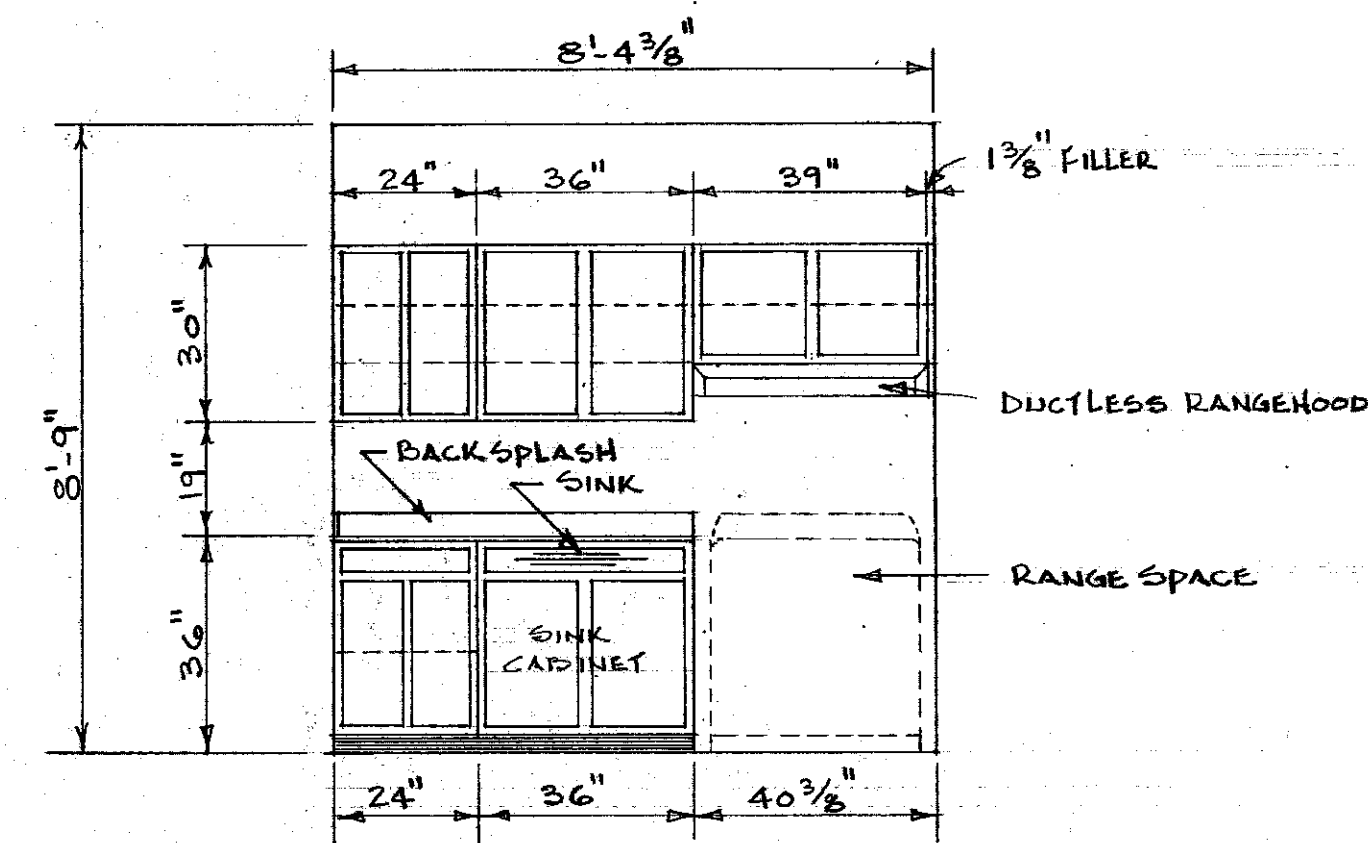
LABORATORY ELEVATION FOR RM. #2
SCALE: 3/8" = 1'-0"

6-E



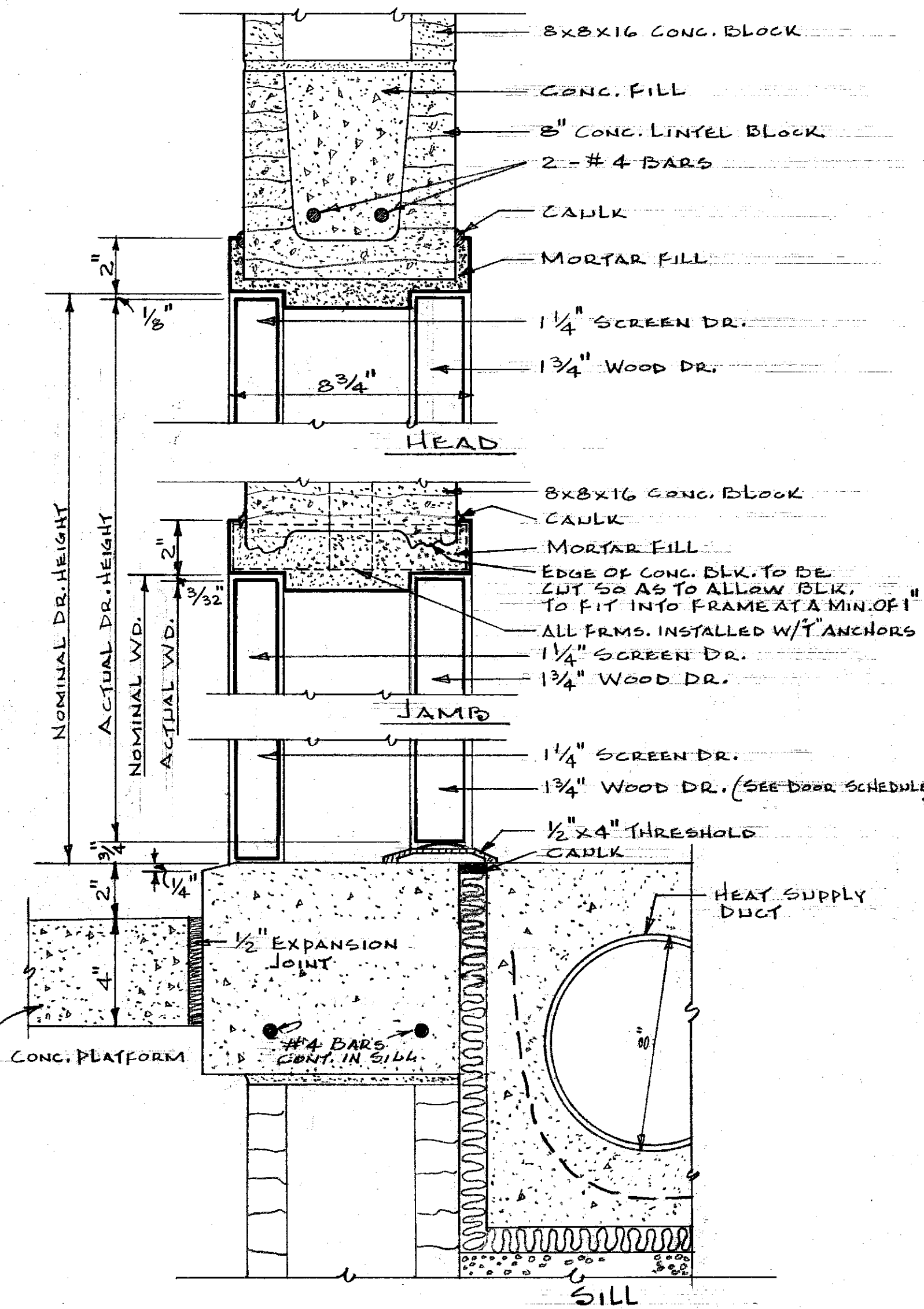
LABORATORY ELEVATION FOR RM. #2
SCALE: 3/8" = 1'-0"

6-F



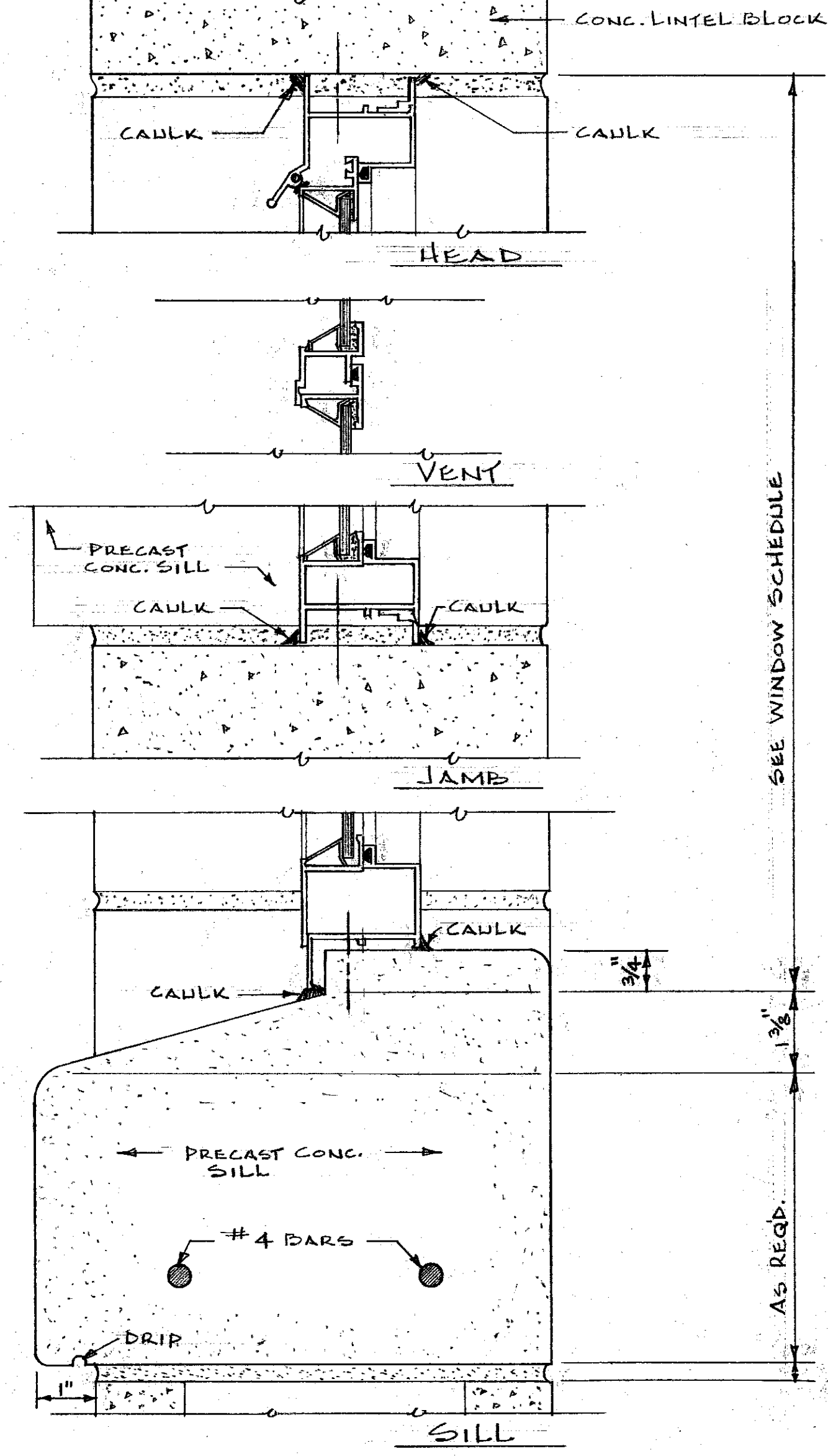
KITCHEN ELEVATION FOR RM. #7
SCALE: 3/8" = 1'-0"

6-G



EXTERIOR DOOR DETAILS
SCALE: 3" = 1'-0"

6-C



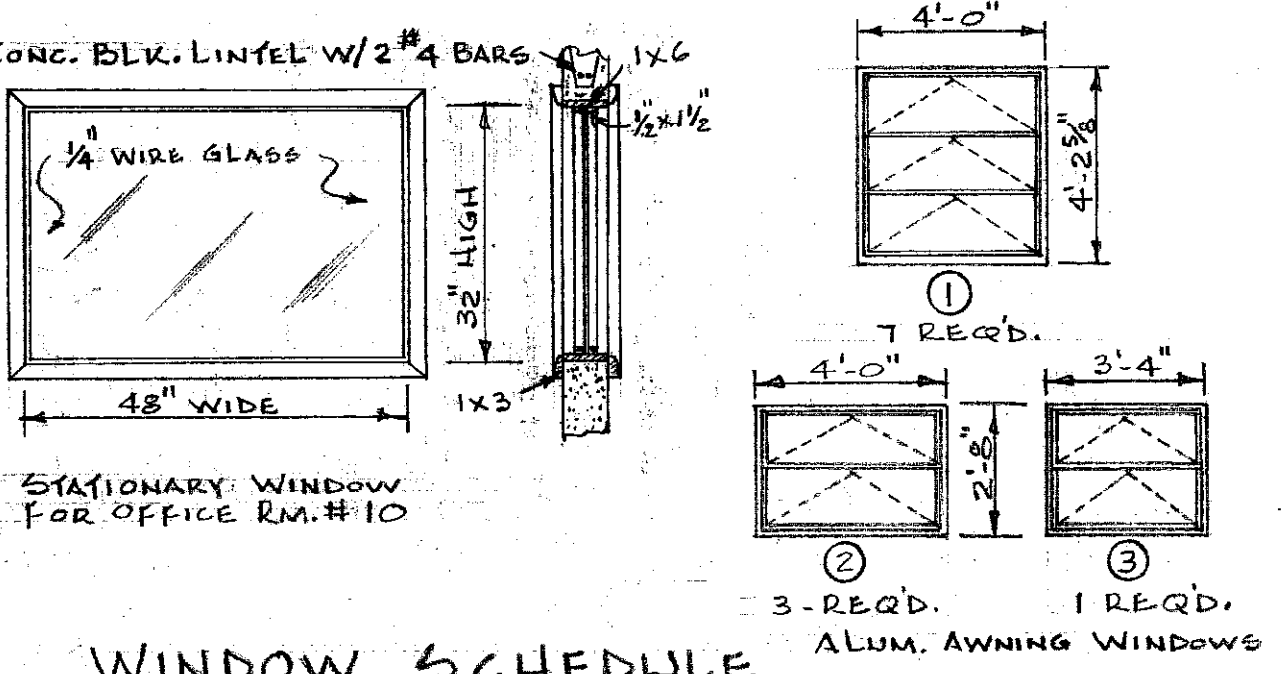
WINDOW DETAIL (SEE WINDOW SCHEDULE)
SCALE: 1/2" = FULL SIZE

6-D

ROOM No.	NAME	FLOOR	BASE	WALL	CEIL.	CEIL. HEIGHT
1	LABORATORY	CONG.	R.B.	C.B.	G.B.	10'-9"
2	LABORATORY	CONG.	R.B.	C.B.	G.B.	10'-9"
3	LABORATORY	A.T.	R.B.	C.B.	G.B.	8'-9"
4	MEN'S REST ROOM	C.T.	C.T.	C.B.*	G.B.	8'-9"
5	WOMEN'S REST ROOM	C.T.	C.T.	C.B.*	G.B.	8'-9"
6	BATH ROOM	C.T.	C.T.	C.B.*	G.B.	8'-9"
7	KITCHEN	A.T.	R.B.	C.B.	G.B.	8'-9"
8	MECHANICAL	CONG.	R.B.	C.B.	G.B.	8'-9"
9	STORAGE	CONG.	R.B.	C.B.	G.B.	8'-9"
10	OFFICE	A.T.	R.B.	C.B.	G.B.	8'-9"
11	BED ROOM	A.T.	R.B.	C.B.	G.B.	8'-9"
12	LABORATORY	CONG.	R.B.	C.B.	G.B.	8'-9"
13	SERVICE ROOM	CONG.		C.B.	G.B.	10'-9"

A.T. - VINYL ASBESTOS TILE
R.B. - RUBBER BASE WITH COVE
C.T. - CERAMIC TILE
G.B. - GYPSUM WALLBOARD
C.B. - CONCRETE BLOCK
CONG. - CONCRETE
* - FINISHED WITH EPOXY GLAZED COATING

ROOM SCHEDULE



WINDOW SCHEDULE

MARK	WIDTH	HEIGHT	DEPTH	NO. REQD.
A	3'-4"	6'-8"	1 3/4"	4
B	3'-4"	6'-8"	1 3/4"	1
C	3'-4"	6'-8"	1 3/4"	1
D	3'-4"	6'-8"	1 3/4"	1
E	3'-4"	6'-8"	1 3/4"	2
F	3'-0"	6'-8"	1 3/4"	1
G	3'-0"	6'-8"	1 3/4"	2
H	2'-8"	6'-8"	1 3/4"	1
J	2'-8"	6'-8"	1 3/4"	3
K	2'-8"	6'-8"	1 3/4"	1
L	2'-4"	6'-8"	1 3/4"	1
M	3'-4"	6'-8"	1 3/4"	3
N	2'-8"	6'-8"	1 3/4"	1
O	3'-4"	6'-8"	1 3/4"	2

NOTE: FOR OVERHEAD DOOR SIZES SEE SHEET 1A

3'-4"

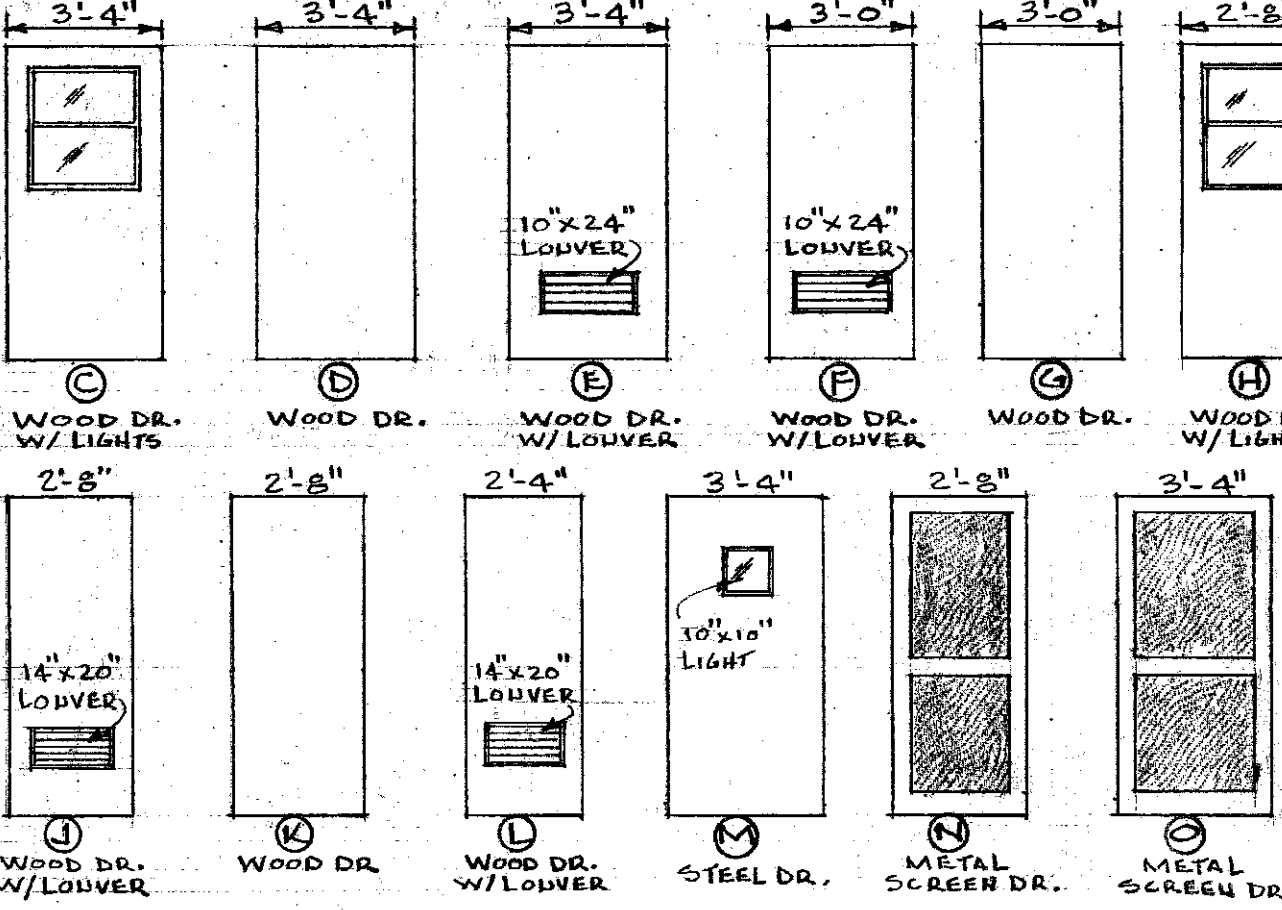
3'-4"

14" x 26" LOUVER

STEEL DR. W/ LIGHTS

STEEL DR. W/ LOUVER

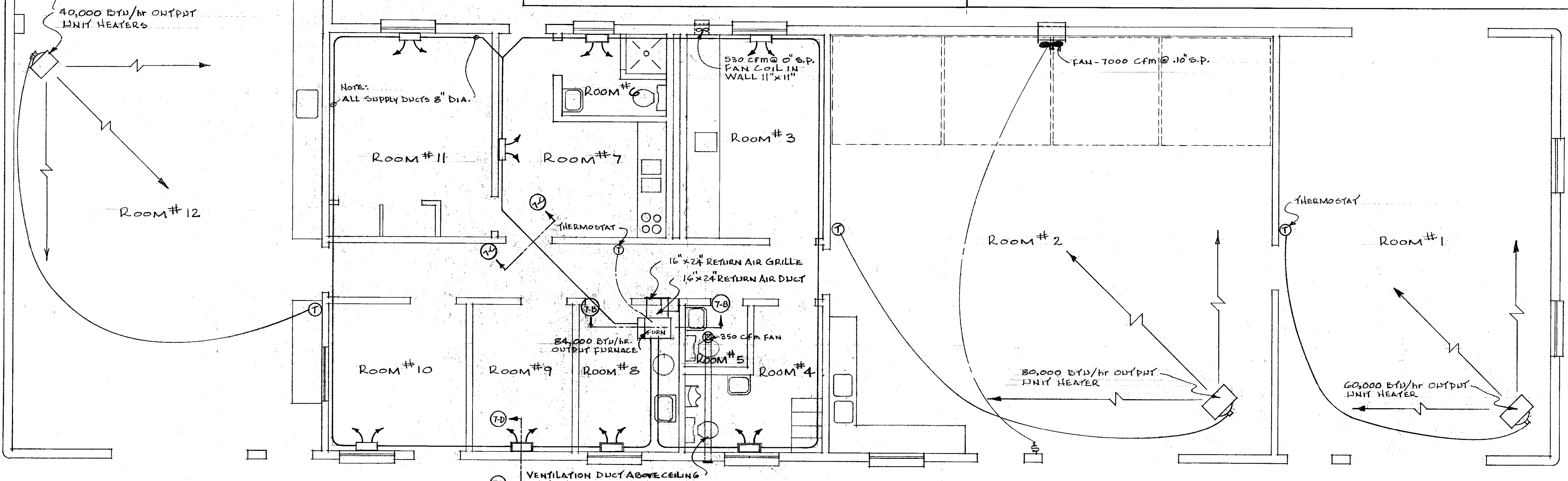
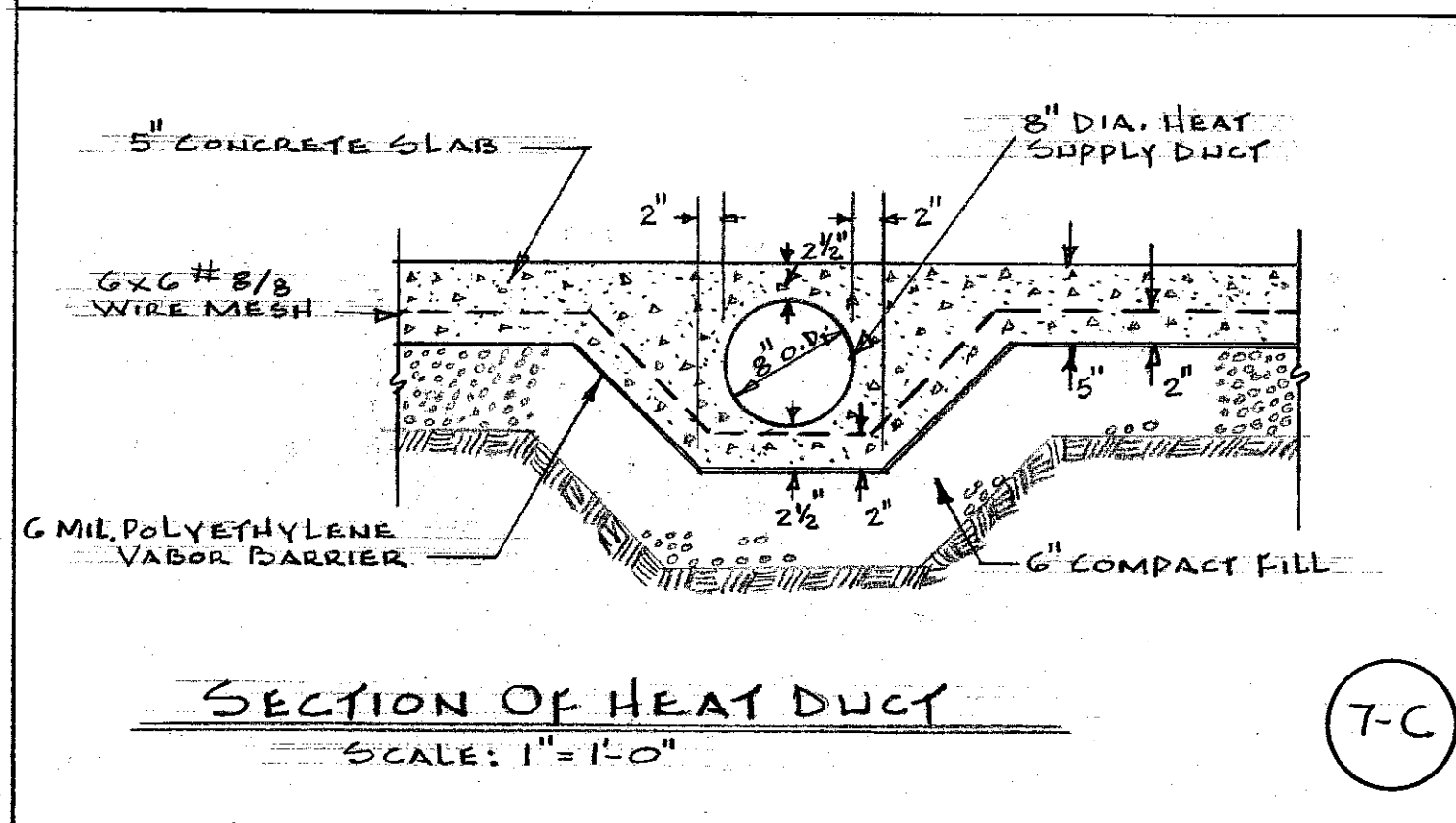
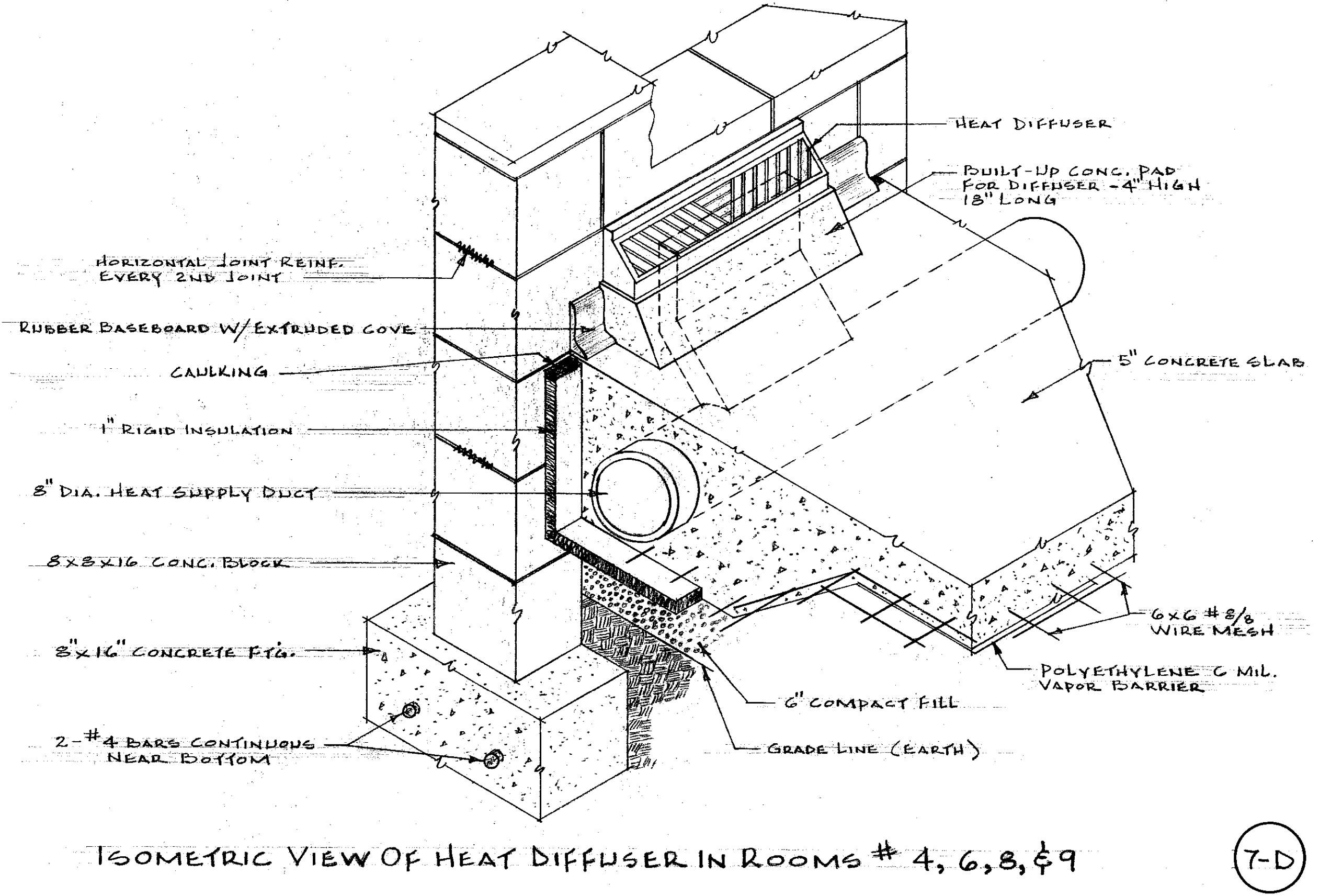
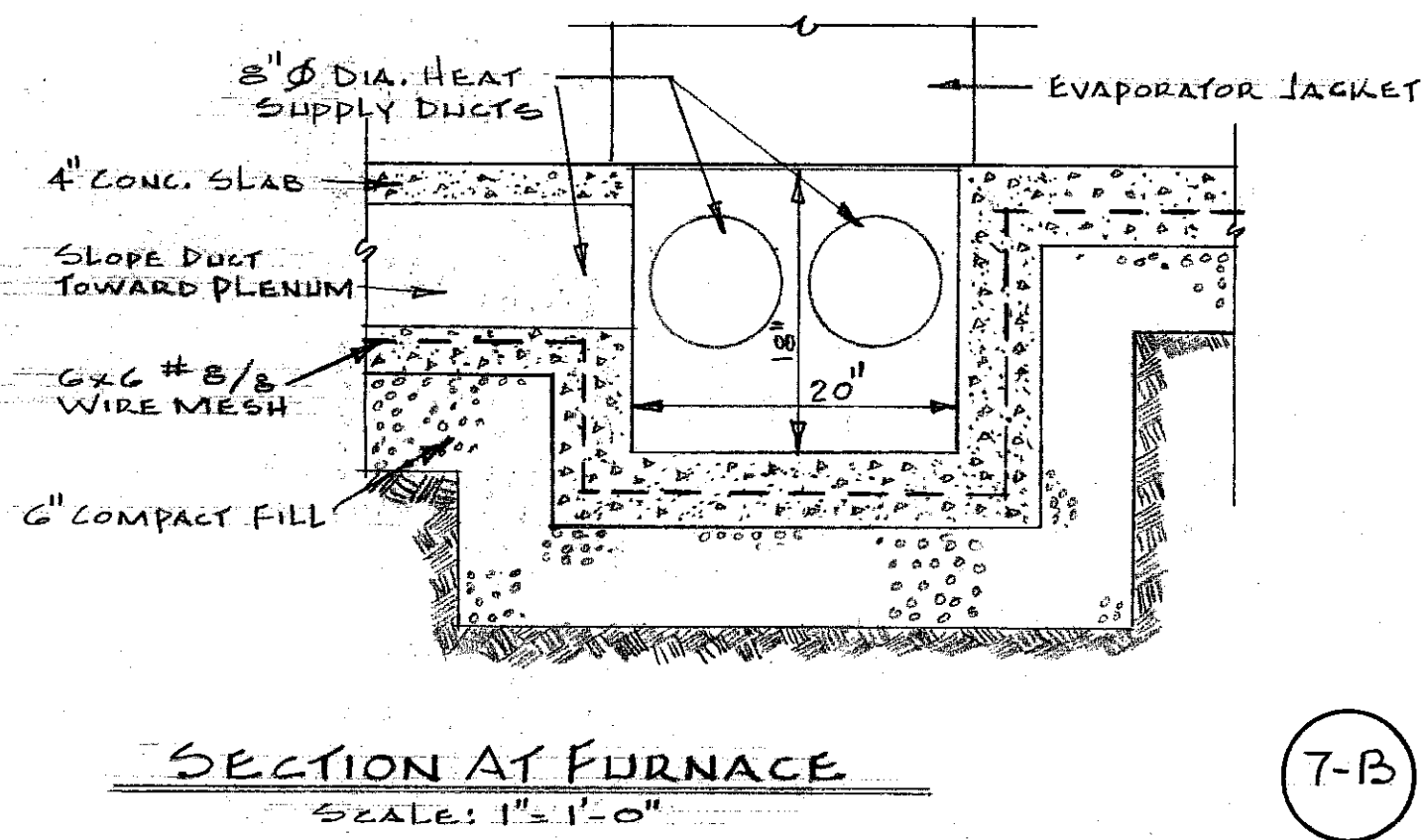
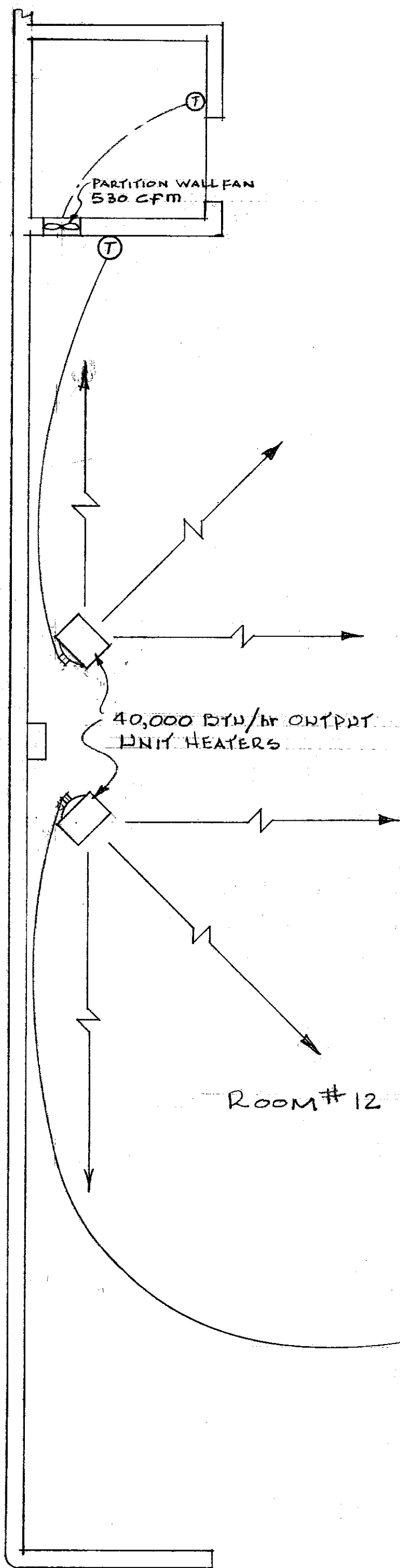
DOOR SCHEDULE



DOOR SCHEDULE

APPROVED BY: <i>W.T. McConnell</i>	CHIEF OF ENGINEERING STAFF	DATE: 4/15/62
UNIVERSITY OF KENTUCKY Lexington, Kentucky	6	SHEET OF 11
Approved By: <i>B. Brown</i>	Date: 2-14-65	Date Drawn: DEC. 1968
Approved By: <i>John E. Dornick</i>	Date: 1/19/69	Drawn By: B.E. PASTER
Approved By: <i>W.C. Moore</i>	Date:	Designed By: J.N.W. - J.C.B.
Approved By:	Date:	DWG. NO.

HORTICULTURAL FIELD RESEARCH LABORATORY — SOUTH FARM



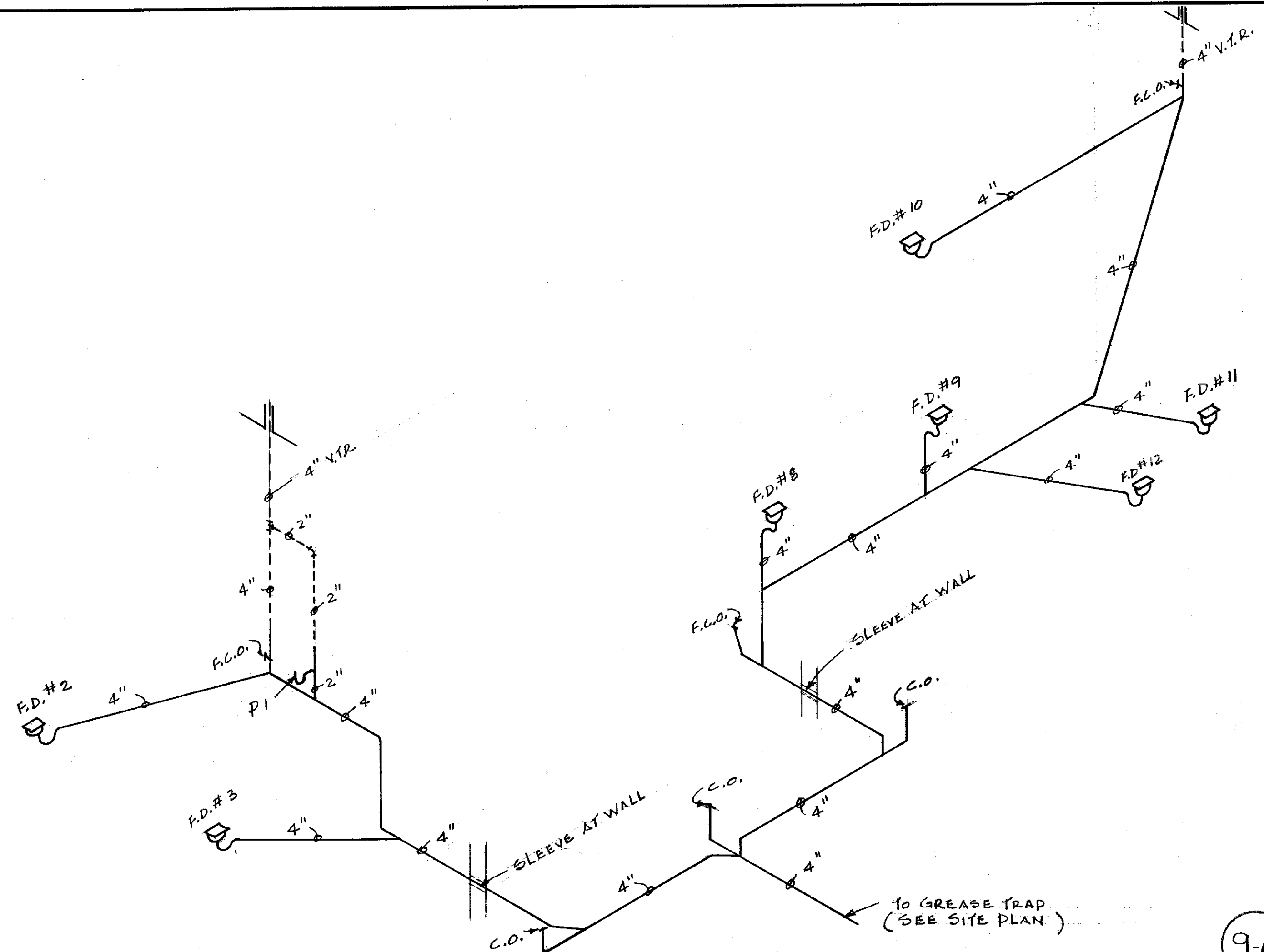
MECHANICAL HEATING & VENTILATING LAYOUT
SCALE: 1/4" = 1'-0"

HORTICULTURAL FIELD RESEARCH LABORATORY — SOUTH FARM

APPROVED BY: <i>W. J. McConnell</i> CHIEF OF ENGINEERING STAFF	DATE: 4/15/69
UNIVERSITY OF KENTUCKY Lexington, Kentucky	7 SHEET OF 11
Approved By: <i>W. J. McConnell</i> Date: 2-15-69	Date Drawn: DEC. 1968
Approved By: <i>Shaw & Bennett</i> Date: 2-19-69	Drawn By: <i>ED PASTER</i>
Approved By: <i>H. C. Mohr</i> Date:	Designed By: J. N. W. - J. B. B.
	DWG. NO.

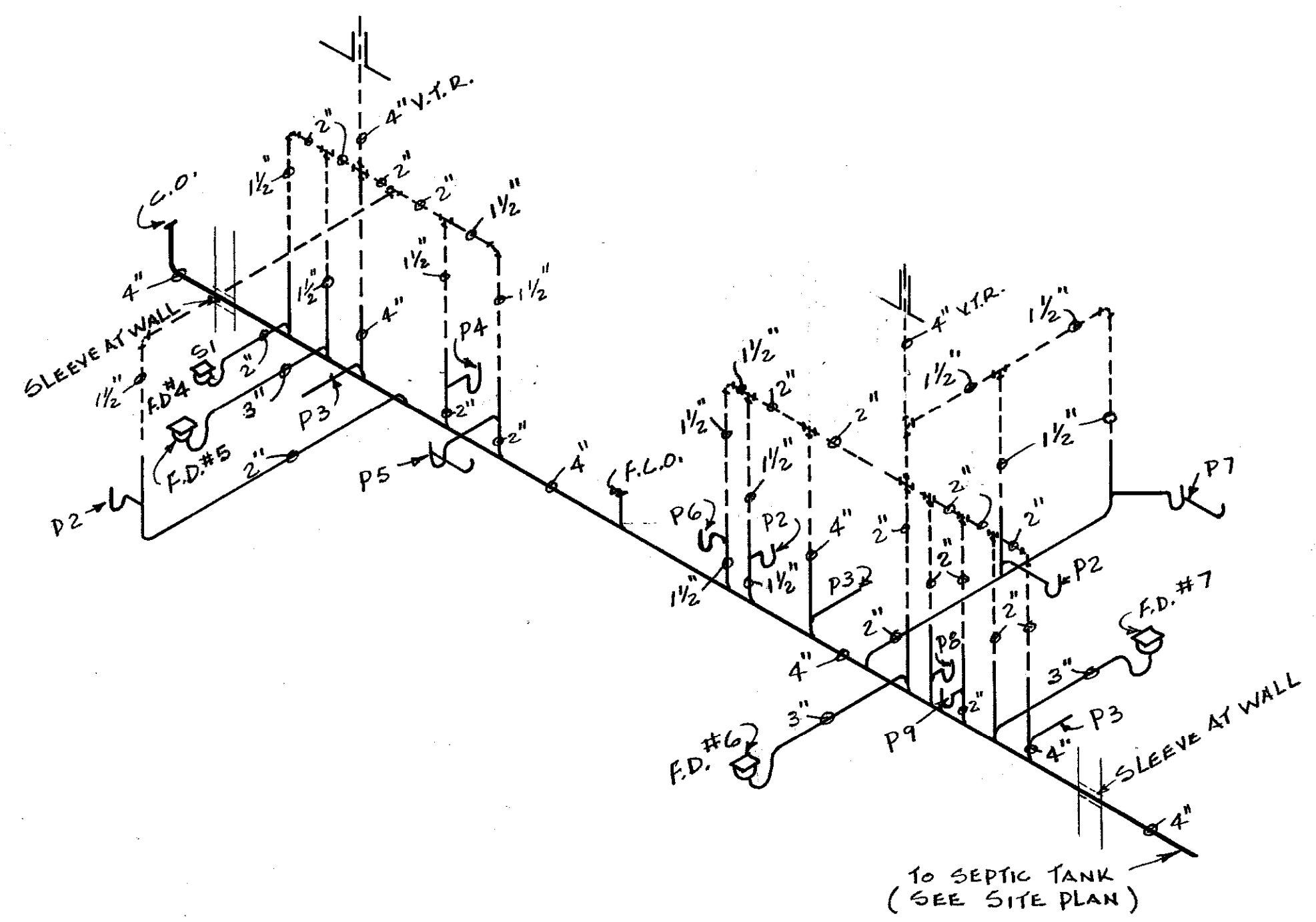
U-4678

Cab # 71 C-3
 Sheet Document # 012391



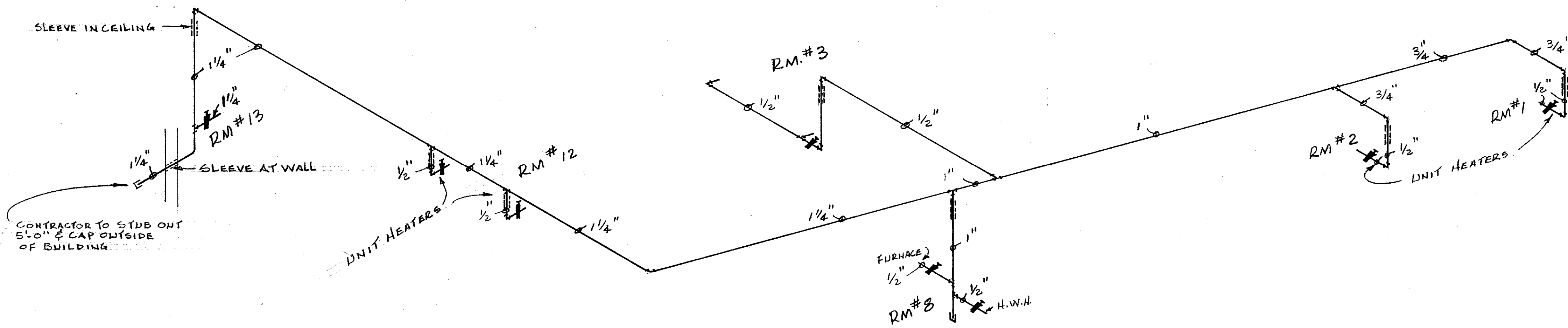
SOIL WASTE AND VENT RISER DIAGRAM

9-A



SOIL WASTE AND VENT RISER DIAGRAM

9-B



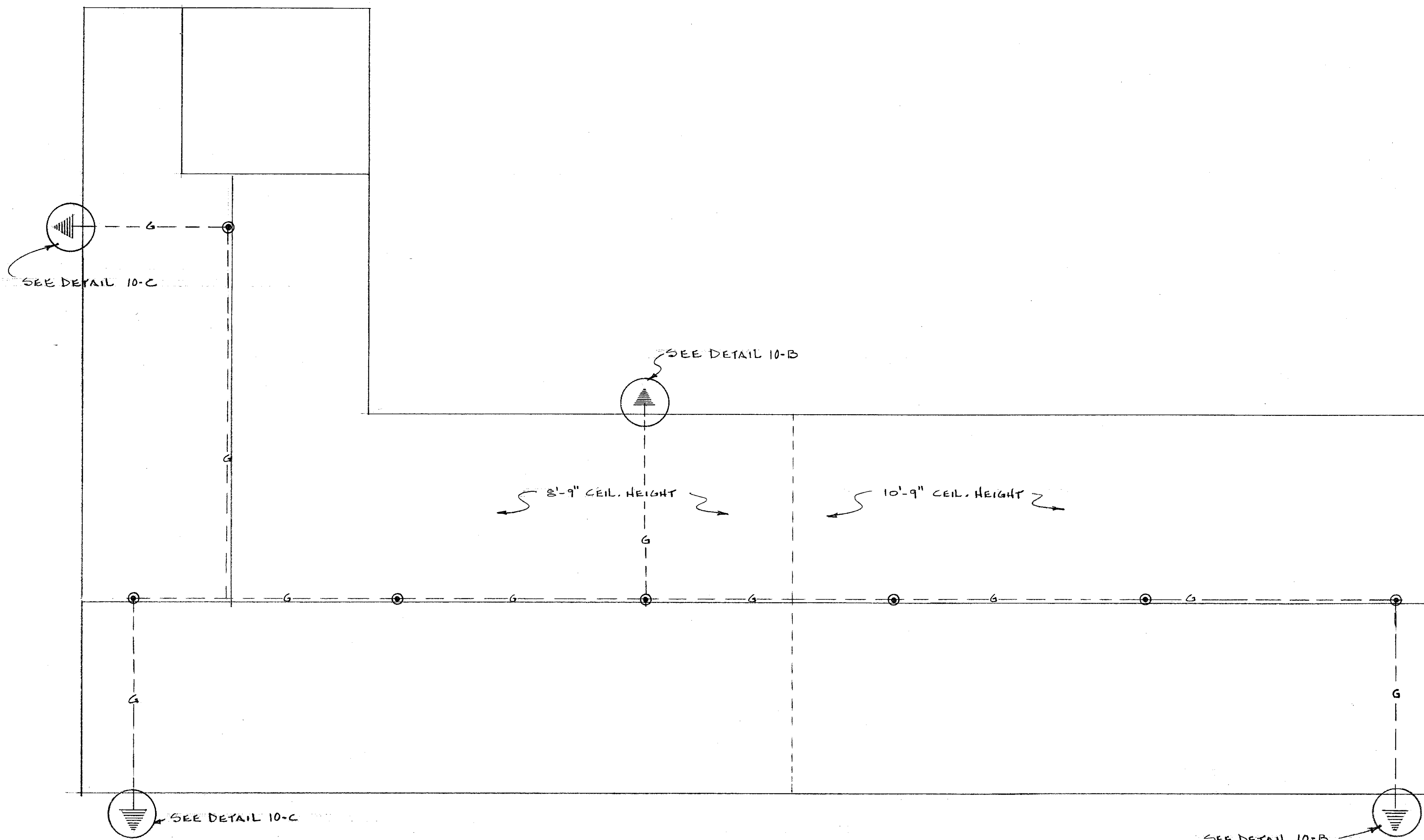
GAS LINE RISER DIAGRAM

9-C

HORTICULTURAL FIELD RESEARCH LABORATORY — SOUTH FARM

APPROVED BY: <i>W. J. Mc Connell</i> CHIEF OF ENGINEERING STAFF	DATE: 4/15/68
UNIVERSITY OF KENTUCKY Lexington, Kentucky	SHEET OF 11
Approved By: <i>[Signature]</i> Date: 2-16-65	Date Drawn: DEC. 1968
Approved By: <i>[Signature]</i> Date: 2/19/69	Drawn By: <i>D. E. PASTER</i>
Approved By: <i>[Signature]</i> Date:	Designed By: J.N.W. - J.E.B.
Approved By:	NO.





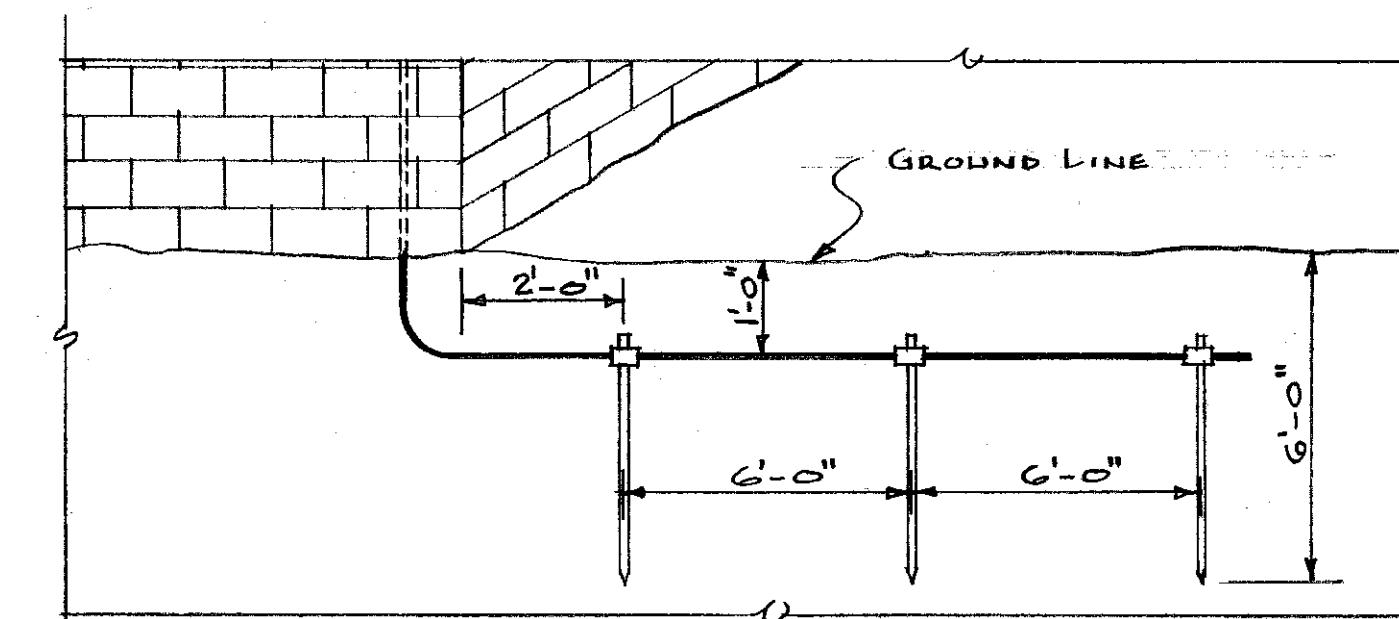
LIGHTNING PROTECTION PLAN

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

- ⊙ AIR TERMINAL
- G - GROUND WIRE
- ⊥ GROUND - SEE DETAIL 10B & 10C

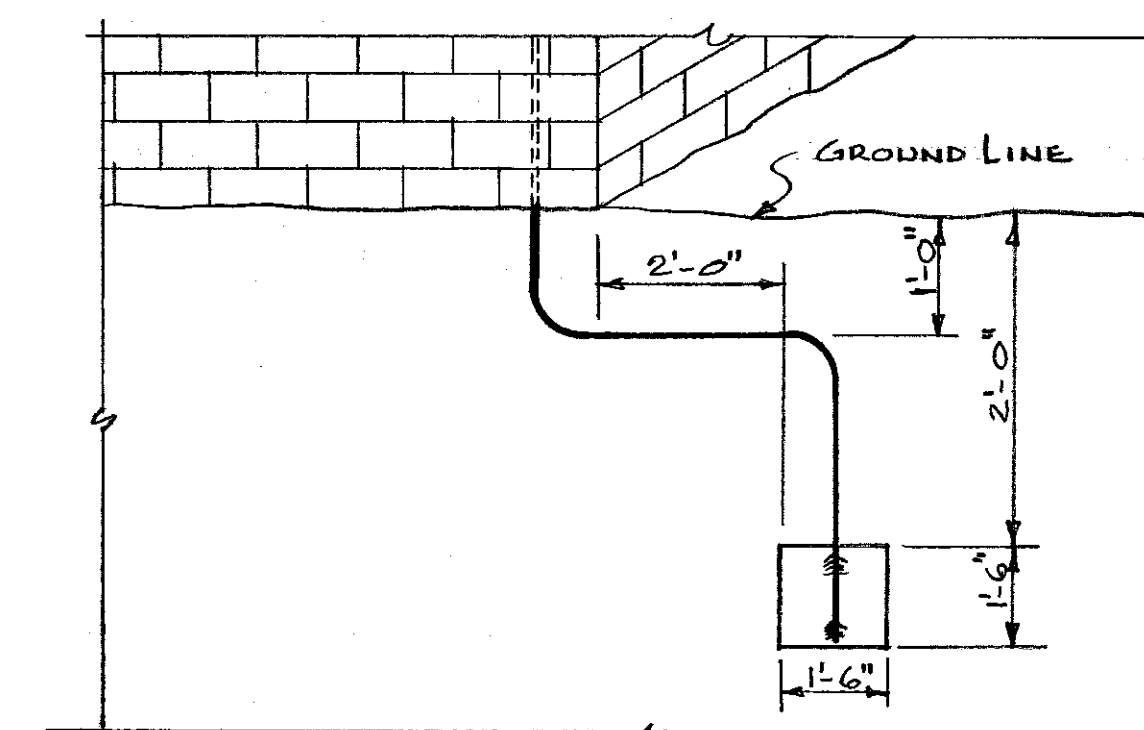
NOTES:
 ALL DOWN CONDUCTORS AND AIR TERMINAL GRID SYSTEM SHALL BE CONCEALED WITHIN THE BUILDING STRUCTURES IN SO FAR AS POSSIBLE WITH ONLY THE AIR TERMINALS EXPOSED OR SURFACE MOUNTED.
 CONDUCTOR SHALL BE PROTECTED WITH SUITABLE CONDUIT (RIGID) WHERE SUBJECT TO INJURY.

10-A



DETAIL OF GROUND
 NO SCALE

10-B



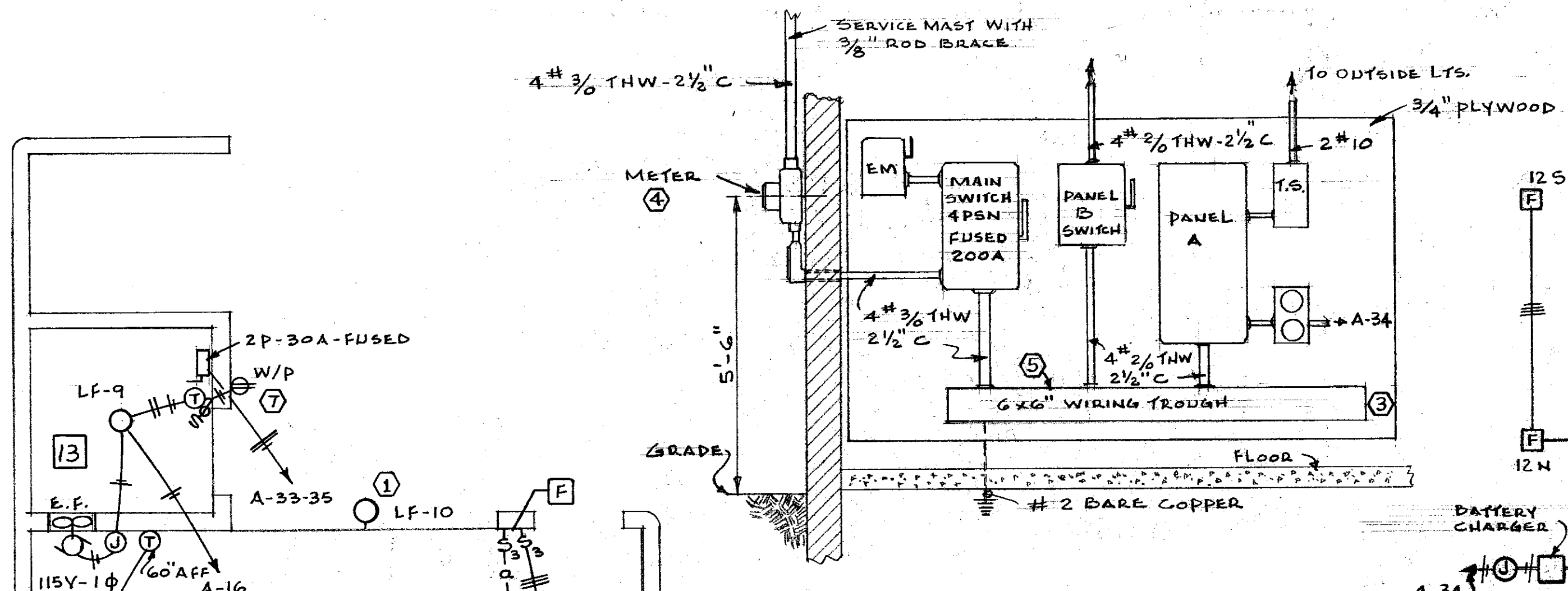
DETAIL OF GROUND
 NO SCALE

10-C

APPROVED BY: <i>W. J. McConnell</i>	DATE: 4/15/69
CHIEF OF ENGINEERING STAFF	
UNIVERSITY OF KENTUCKY Lexington, Kentucky	SHEET OF 11
Approved By: <i>W. J. McConnell</i>	Date: 2-19-69
Approved By: <i>Stanley E. Bayne</i>	Date: 2/19/69
Approved By: <i>W. J. McConnell</i>	Date: _____
Drawn By: <i>J. E. PASTER</i>	Designed By: <i>J. H. W. - J. E. P.</i>
DWG. NO.	

HORTICULTURAL FIELD RESEARCH LABORATORY — SOUTH FARM

Cat. # 71 C-3
 Sheet 11
 Document # 012394



ELECTRIC SERVICE ARRANGEMENT FIRE ALARM SYSTEM

No SCALE

ABBREVIATIONS

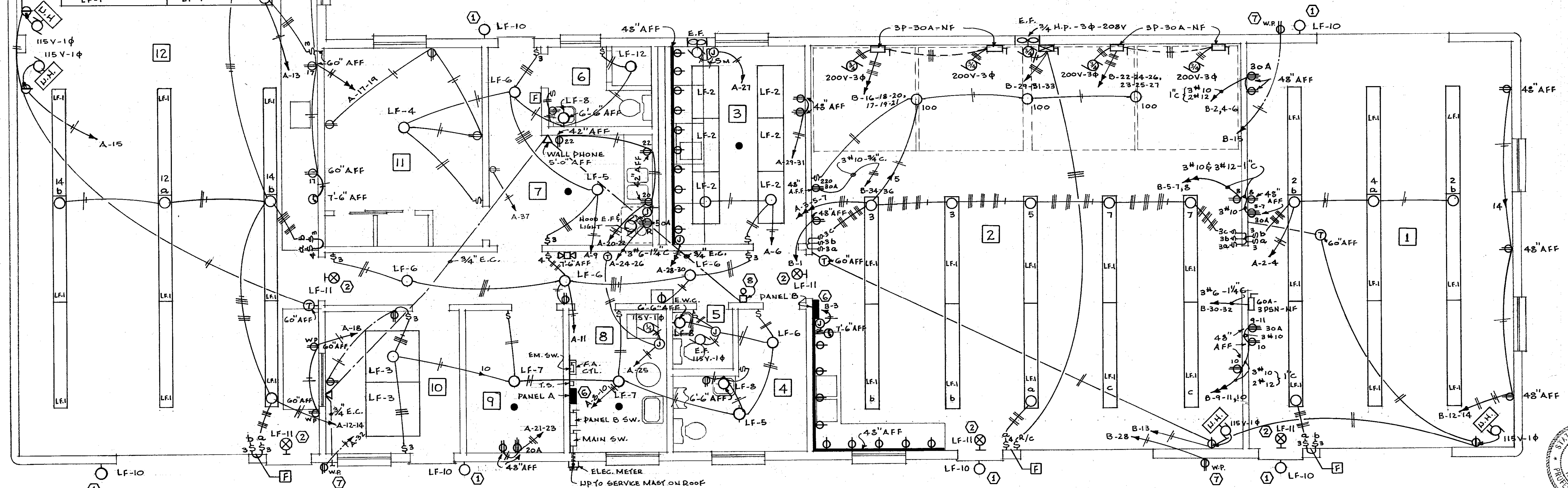
- ABOVE FINISHED FLOOR AFF
- MOUNTING HEIGHT MH
- WEATHER-PROOF WP
- CONDUIT C
- OPEN CONDUIT WITH DRAG WIRE E.C.
- JUNCTION BOX JB
- ELECTRIC WATER COOLER EWC
- EXHAUST FAN EF
- TELEPHONE TEL
- LIGHT FIXTURE LF
- EMERGENCY EM
- FIRE ALARM FA
- CONTROL CTL

ELECTRICAL SYMBOLS

- SINGLE POLE TOGGLE SWITCH - M.H. 4'-6" OR AS NOTED
- 3-WAY TOGGLE SWITCH - M.H. 4'-6" OR AS NOTED
- 4-WAY TOGGLE SWITCH - M.H. 4'-6" OR AS NOTED
- SINGLE POLE TOGGLE SWITCH - REMOTE CONTROL - M.H. 4'-6"
- MOTOR SWITCH - TOGGLE OPERATED - FLUSH
- TWIN CONVENIENCE OUTLET M.H. 1'-6" AFF. OR AS NOTED
- SINGLE CONVENIENCE OUTLET LOCATED IN CEILING
- 3-WIRE RECEPTACLE 120/240 - AMP AS NOTED
- CEILING MOUNTED INCANDESCENT FIXTURE
- WALL BRACKET MOUNTED INCANDESCENT FIXTURE
- EXIT LIGHT (WALL MOUNTED)
- JUNCTION BOX
- A.C. MOTOR WITH H.P. INDICATION
- MANUAL FIRE ALARM STATION - M.H. 4'-6" OR AS NOTED
- FIRE ALARM HORN
- TELEPHONE OUTLET M.H. 1'-6" OR AS NOTED
- CONDUIT & CONDUCTORS (CONCEALED IN CEILING)
- CONDUIT & CONDUCTORS (UNDER FLOOR)
- SURFACE MOUNTED CONDUIT
- ELECTRICAL NOTE
- CLOCK - 7'-6" AFF
- THERMO-DETECTOR (FIRE ALARM SYSTEM)
- COMBINATION MAGNETIC STARTER & FUSIBLE SWITCH
- SAFETY SWITCH
- THERMOSTAT - M.H. 5'-0" AFF AS INDICATED
- MULTIPLE OUTLET STRIP - SURFACE MTD.
- PANEL BOARD

ELECTRICAL NOTES

- 1 MOUNT OUTSIDE L.T.S. AT HYS. INDICATED ON ELEVATIONS SHEET NO. 3. CONNECT ALL TO TIME SWITCH IN MECH. RM. NO. 3 - CIRCUIT NO. A-1
- 2 MOUNT EXIT LIGHT 4" TO BOTTOM ABOVE DOOR CASINGS. CONNECT ALL TO ONE SIDE OF EMERGENCY SWITCH
- 3 EXTEND #3/8 BUS TO END OF WIREWAY. PROVIDE TAP-OFF OF PARALLEL TYPE WITH PREFORMED INSULATED COVERS, O.Z. TYPE "PTC"
- 4 METER SOCKET WILL BE PROVIDED AT E. & V. K.I.D. CO. METER DEPARTMENT.
- 5 PROVIDE OPENING IN WIREWAY FOR FUTURE A/C SERVICE - 3/4" C.
- 6 PROVIDE 3-3/4" E.C. STUBBED INTO ACCESSIBLE AREA ABOVE CLG. FOR SPARE CIRCUITS.
- 7 MOUNT W.P. OUTLETS ON OUTSIDE OF BUILDING 2'-6" ABOVE GRADE.
- 8 EXTENSION FOR TEL. RINGER 7'-6" A.F.F.

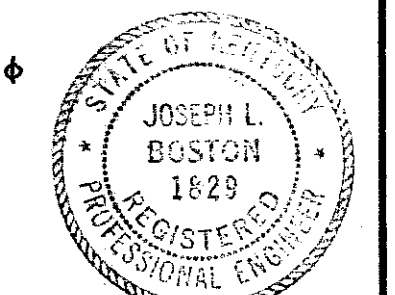


ELECTRICAL FLOOR PLAN & DETAILS

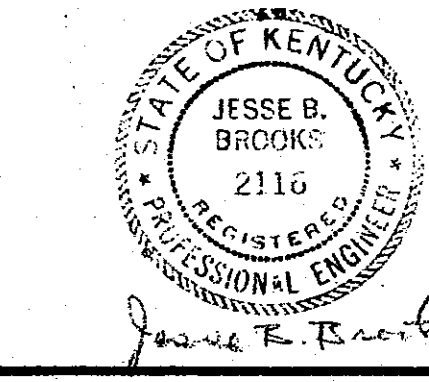
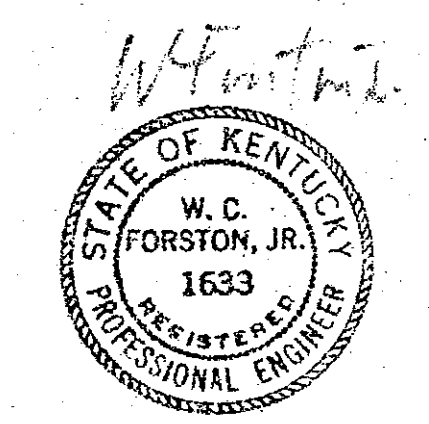
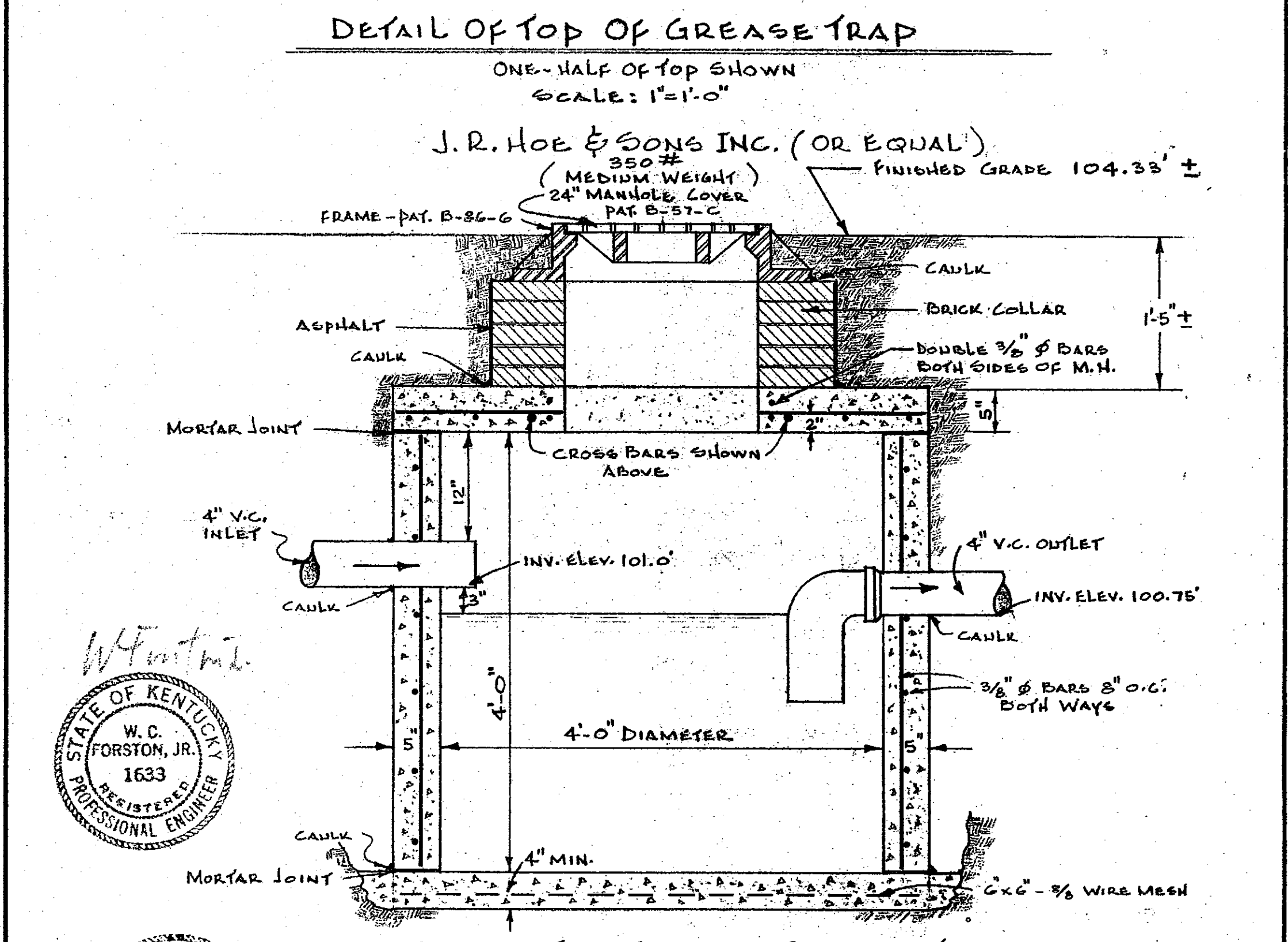
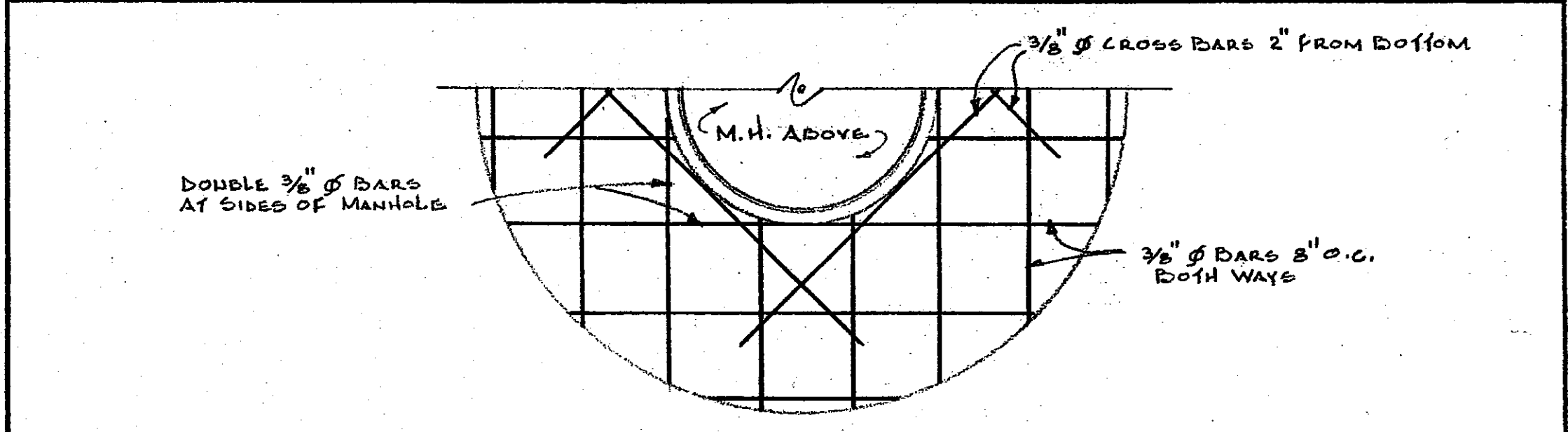
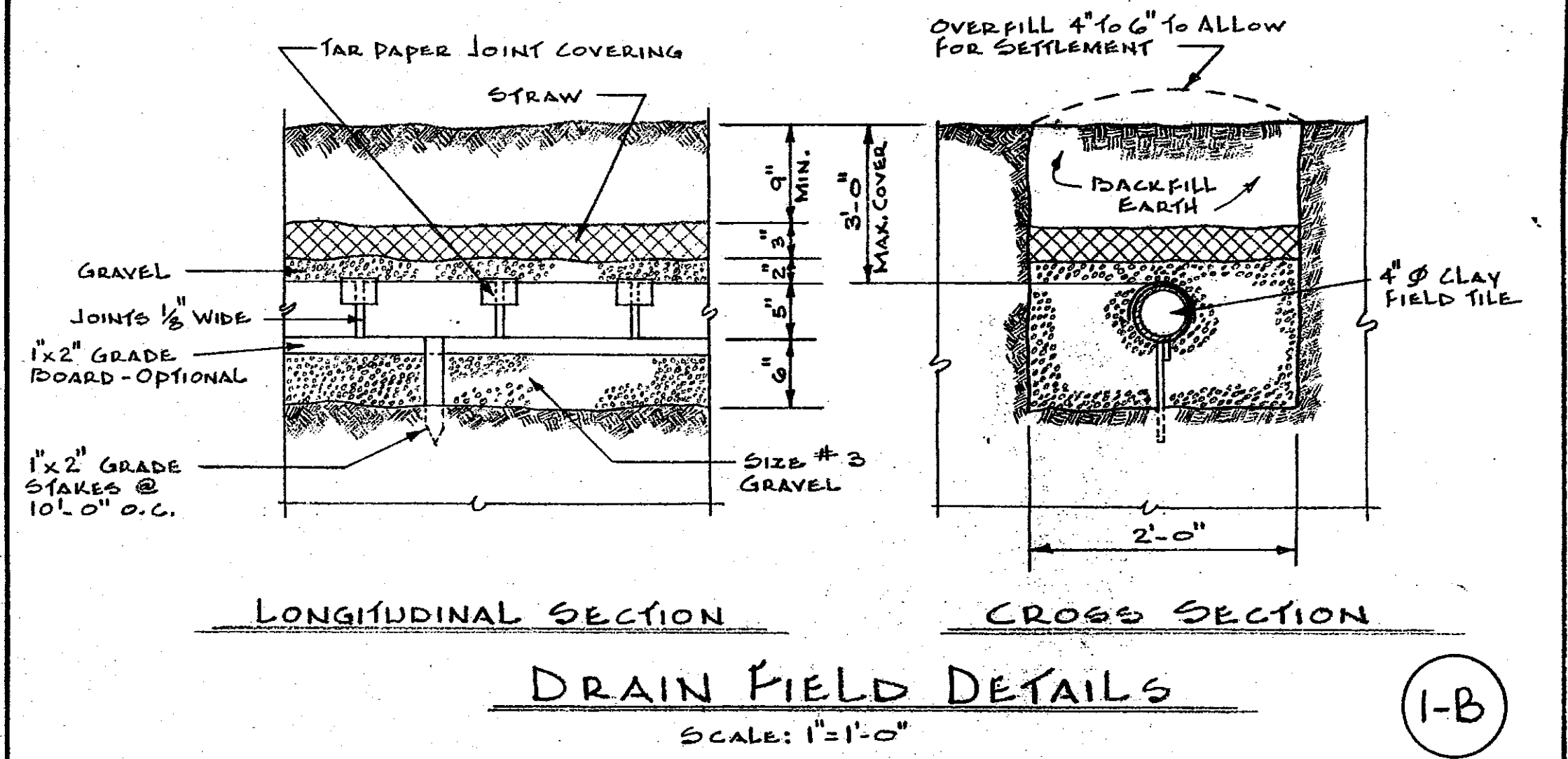
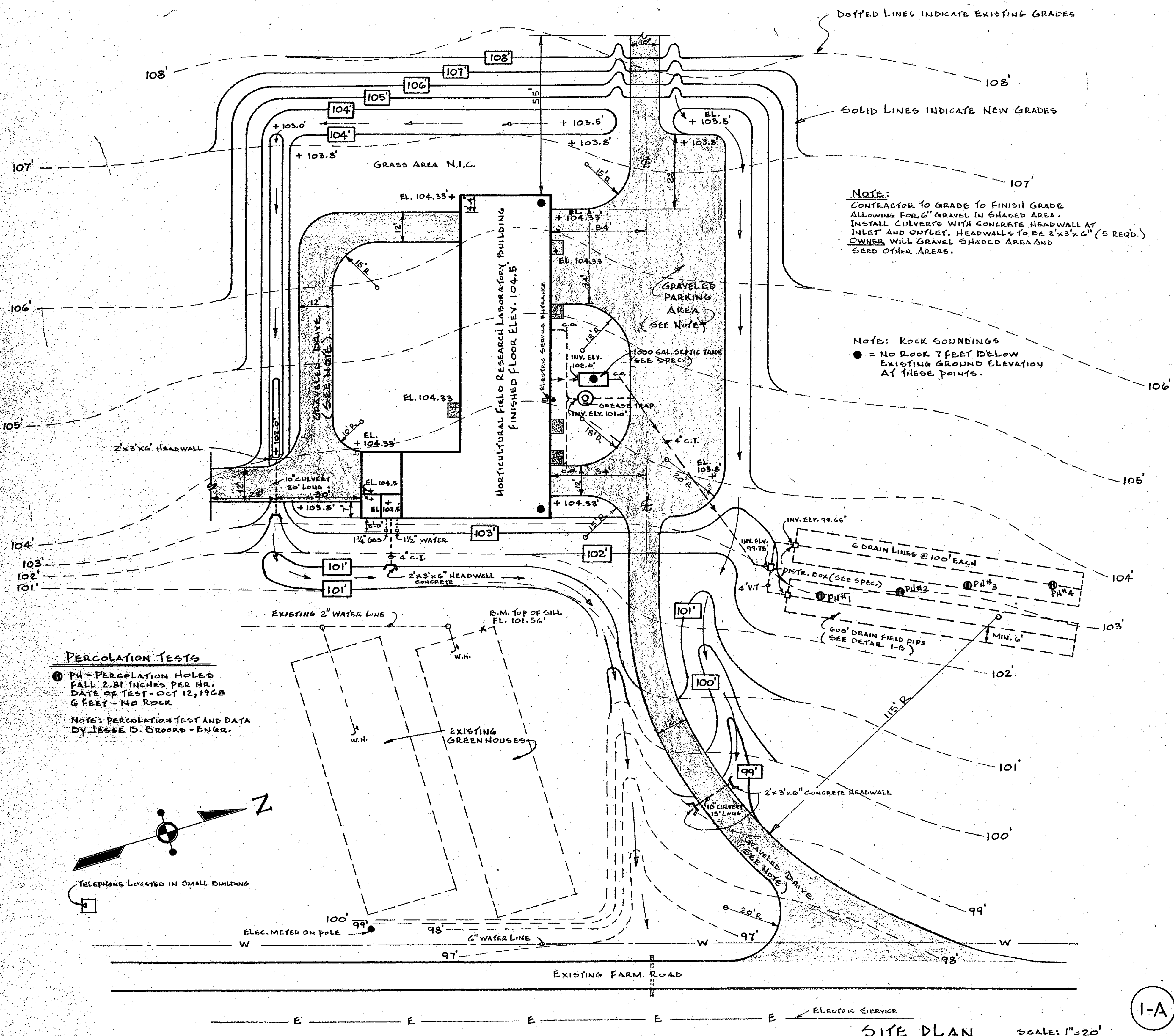
SCALE: 1/4" = 1'-0"

HORTICULTURAL FIELD RESEARCH LABORATORY — SOUTH FARM

APPROVED BY: <i>W.J. McConnell</i> CHIEF OF ENGINEERING STAFF	DATE: 4/15/69
UNIVERSITY OF KENTUCKY Lexington, Kentucky	SHEET OF 11
Approved By: <i>[Signature]</i> Date: 2-12-69	Date Drawn: NOV. 1968
Approved By: <i>[Signature]</i> Date: 2/19/69	Designed By: J.L. BOSTON
Approved By: <i>[Signature]</i> Date:	DWG. NO.

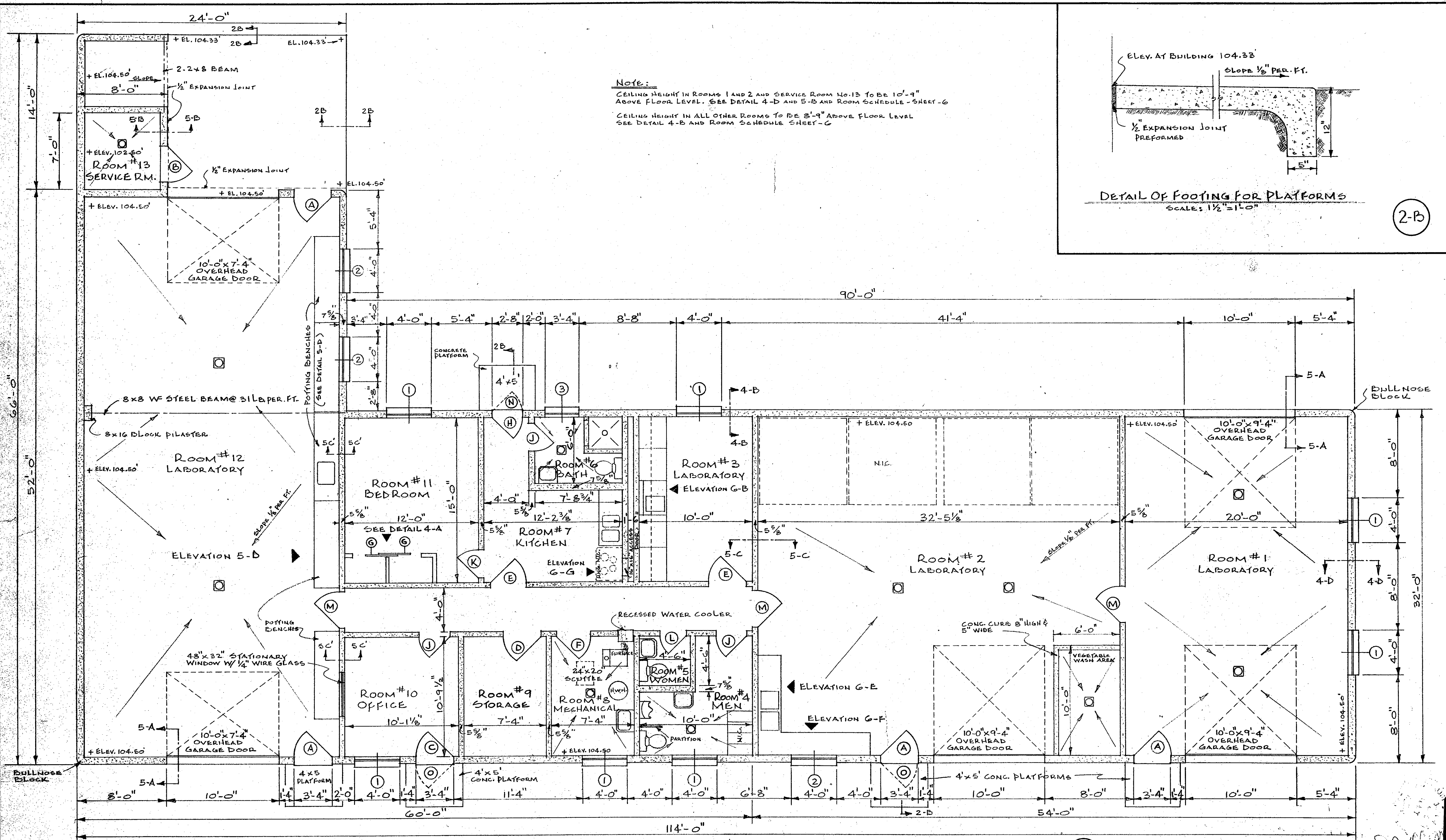


U-4682

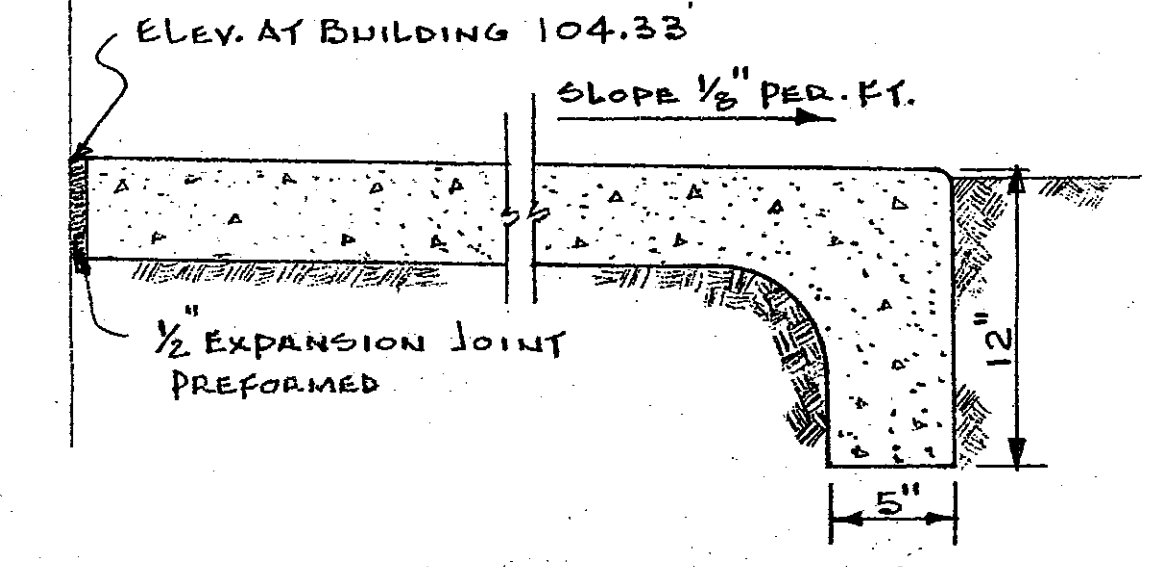


APPROVED BY: <i>W. J. Mc Connell</i>	DATE: 11/1/68
CHIEF OF ENGINEERING STAFF	
UNIVERSITY OF KENTUCKY Lexington, Kentucky	SHEET 01
Approved By: <i>J. B. Brooks</i>	Date: 2-12-68
Approved By: <i>J. B. Brooks</i>	Date: 10/16/69
Approved By: <i>J. B. Brooks</i>	Date: NO.
Approved By: <i>J. B. Brooks</i>	Date: NO.

HORTICULTURAL FIELD RESEARCH LABORATORY — SOUTH FARM



Note:
 CEILING HEIGHT IN ROOMS 1 AND 2 AND SERVICE ROOM NO. 13 TO BE 10'-9" ABOVE FLOOR LEVEL. SEE DETAIL 4-D AND 5-B AND ROOM SCHEDULE - SHEET-G
 CEILING HEIGHT IN ALL OTHER ROOMS TO BE 8'-9" ABOVE FLOOR LEVEL SEE DETAIL 4-B AND ROOM SCHEDULE SHEET-G



DETAIL OF FOOTING FOR PLATFORMS
 SCALE: 1 1/2" = 1'-0"

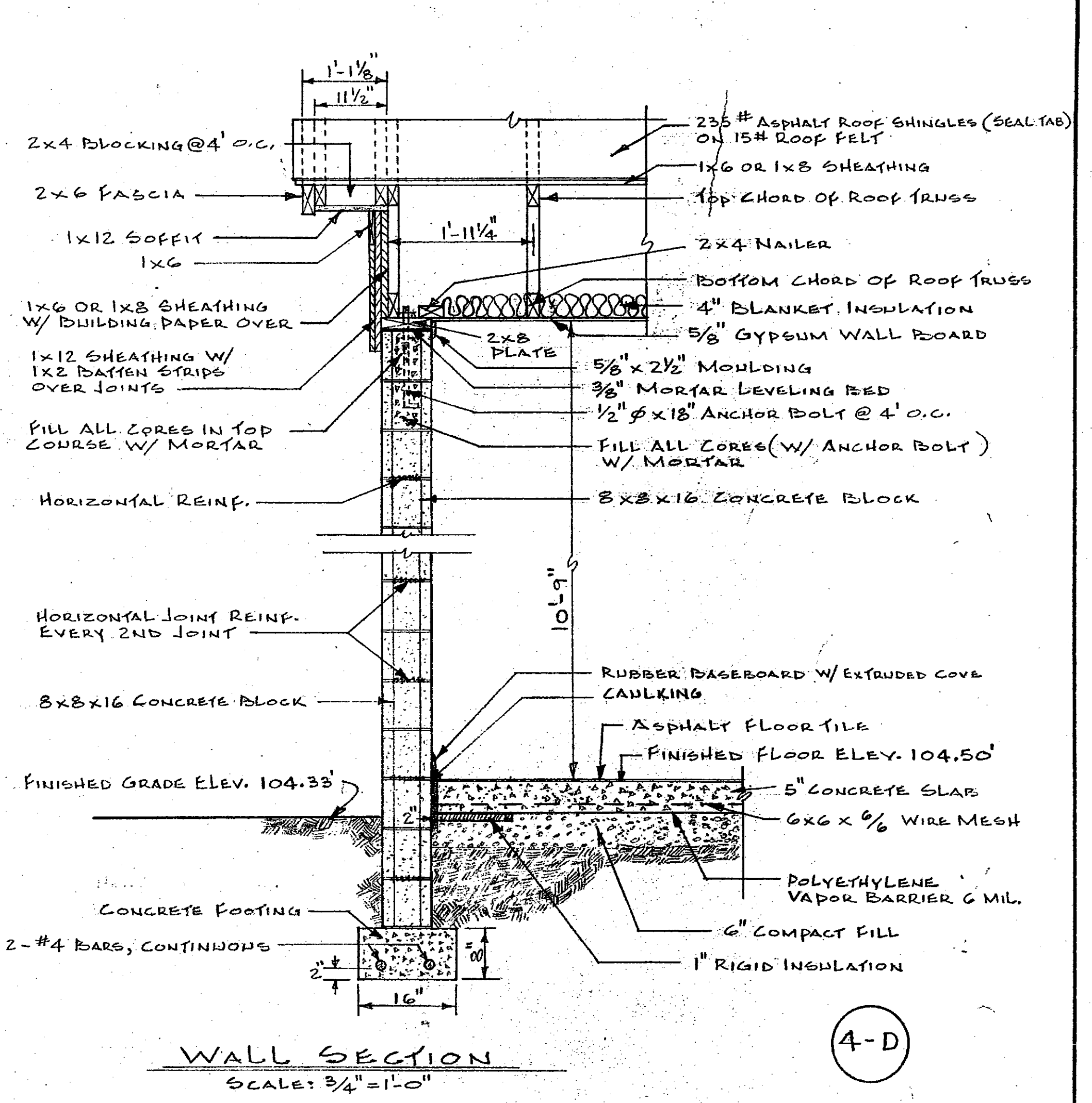
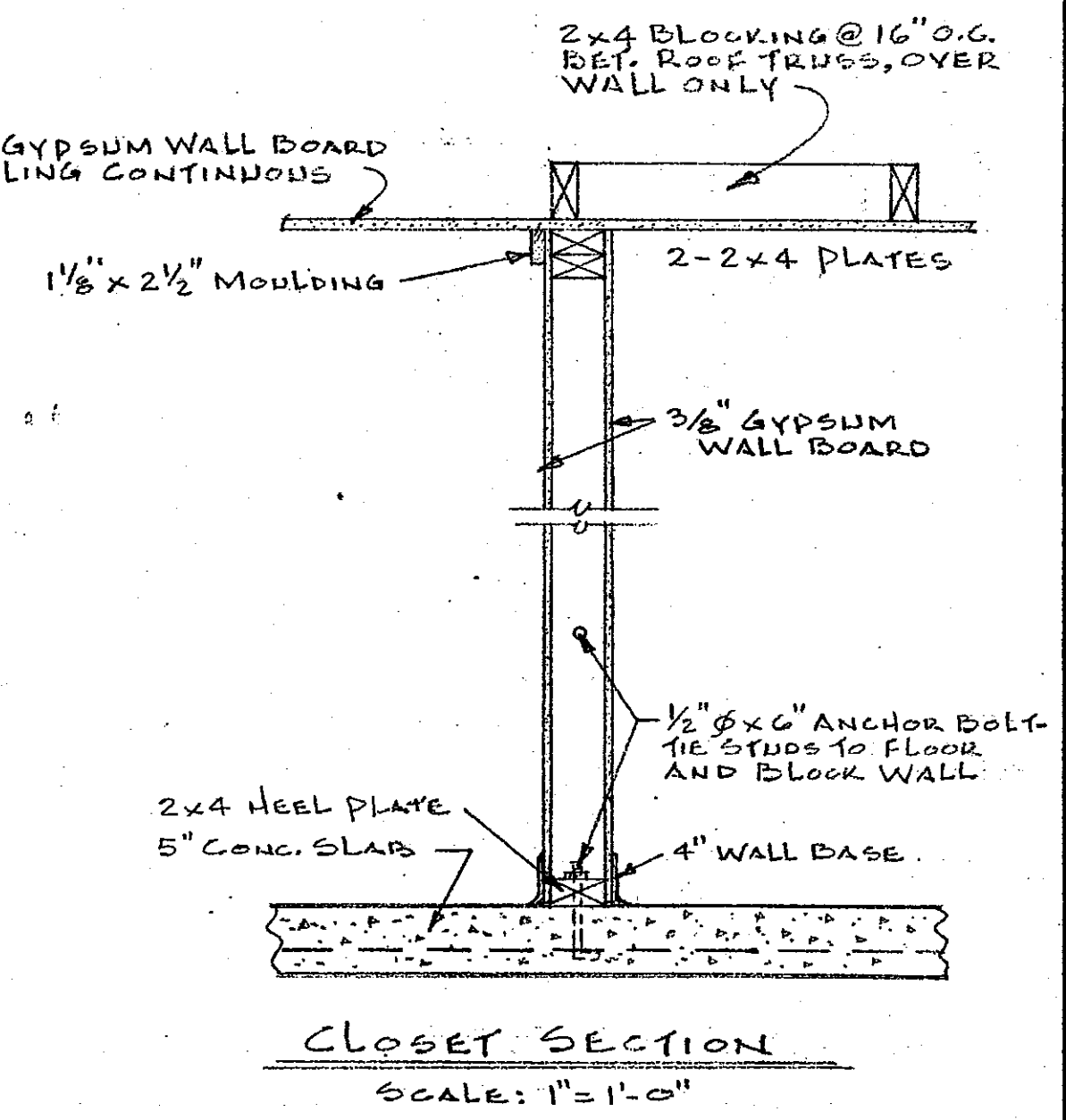
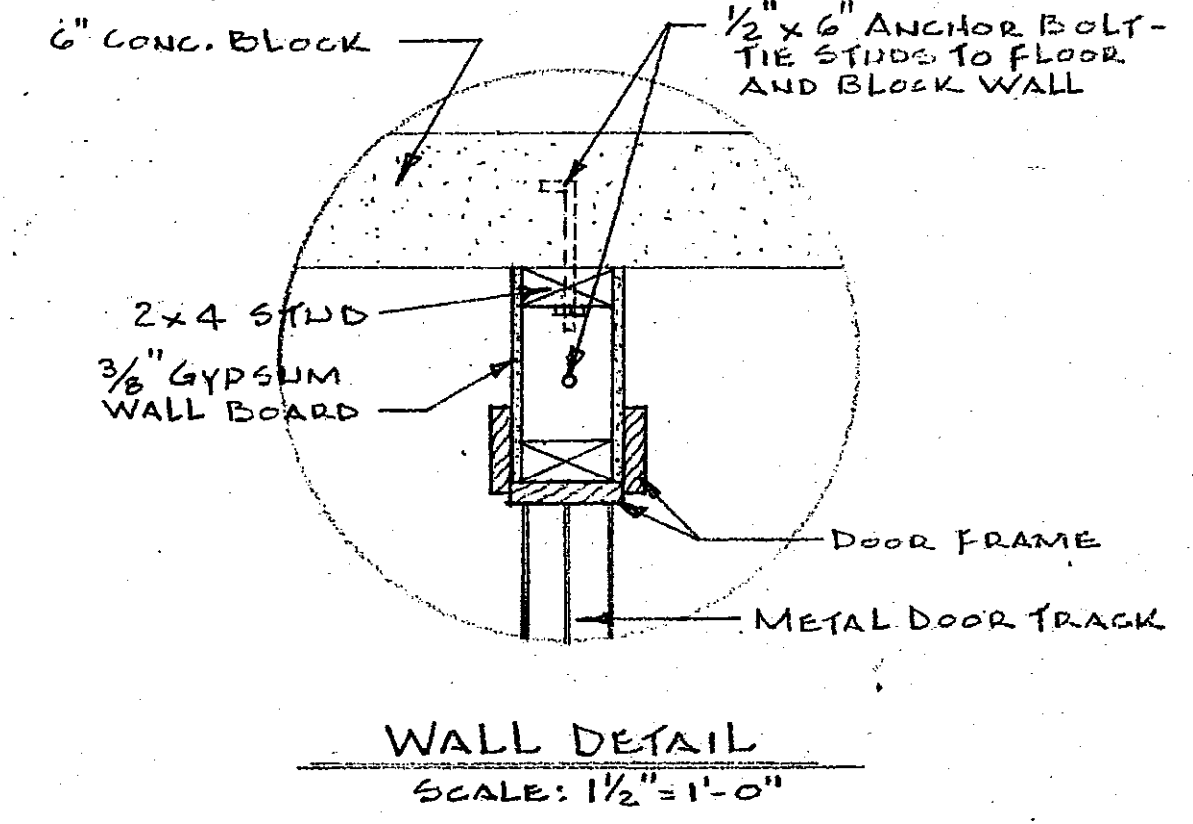
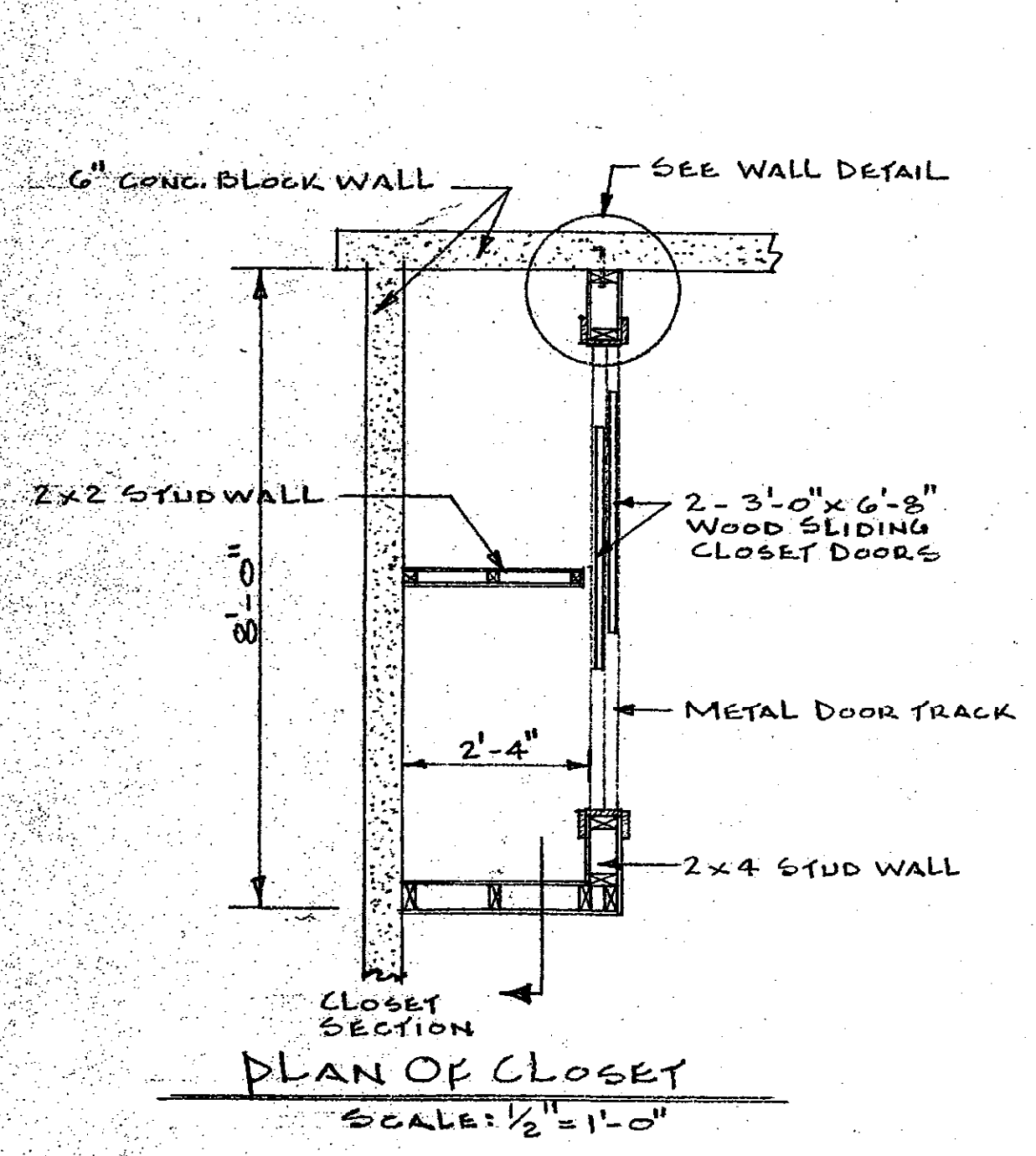
(2-B)

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

(2-A)

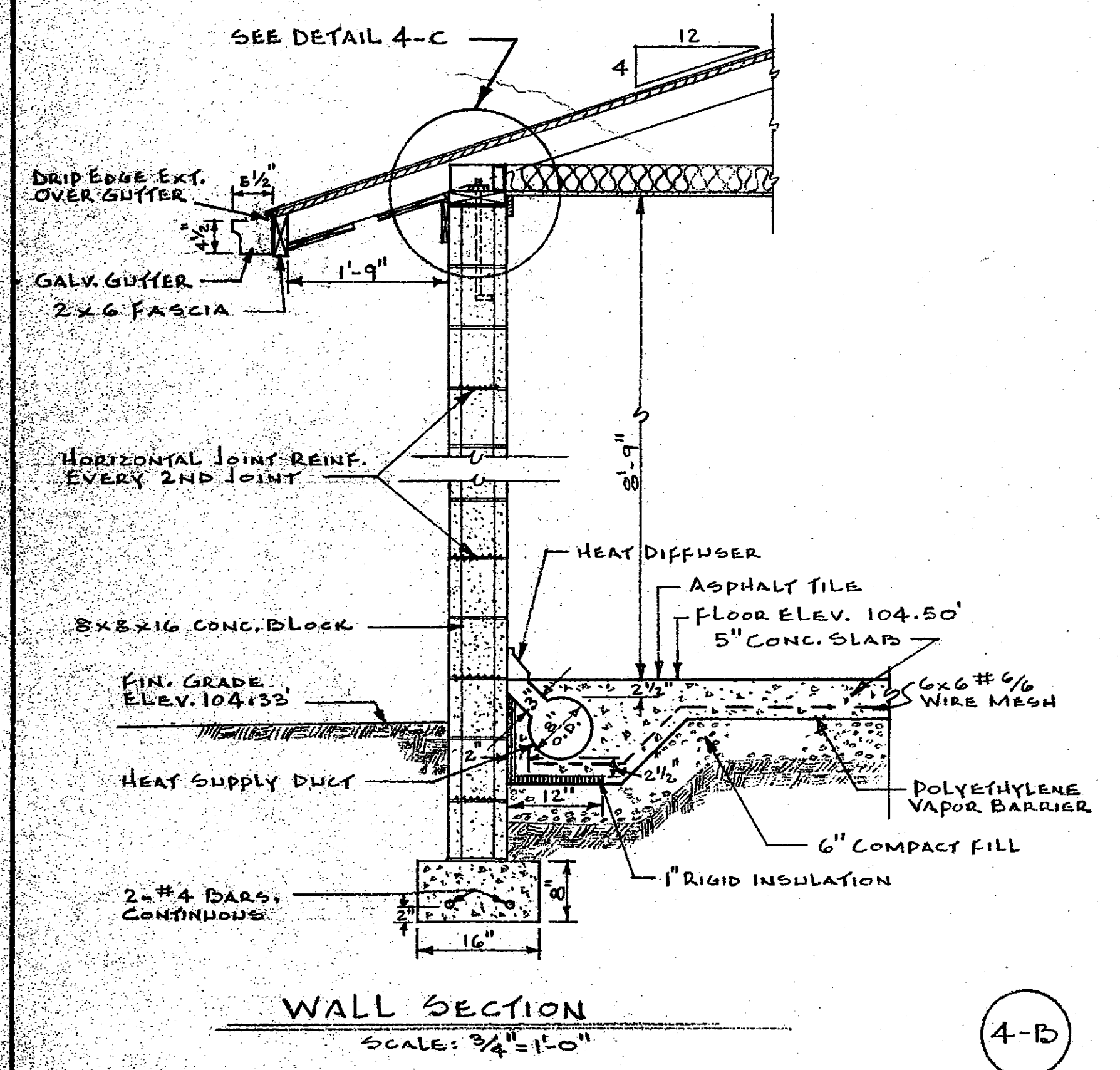
APPROVED BY: <i>W.J. McConnell</i>		DATE: 4/15/67
CHIEF OF ENGINEERING STAFF		
UNIVERSITY OF KENTUCKY Lexington, Kentucky	2	SHEET OF 11
Approved By: <i>W. J. McConnell</i>	Date: 2/19/67	Date Recd: DEC. 1968
Approved By: <i>W. J. McConnell</i>	Date: 2/19/67	Drawn By: <i>D. E. BASTER</i>
Approved By: <i>W. J. McConnell</i>	Date: 2/19/67	Designed By: <i>J.N.W. - J.B.</i>
Approved By: <i>W. J. McConnell</i>	Date: 2/19/67	DWG. NO.

HORTICULTURAL FIELD RESEARCH LABORATORY — SOUTH FARM

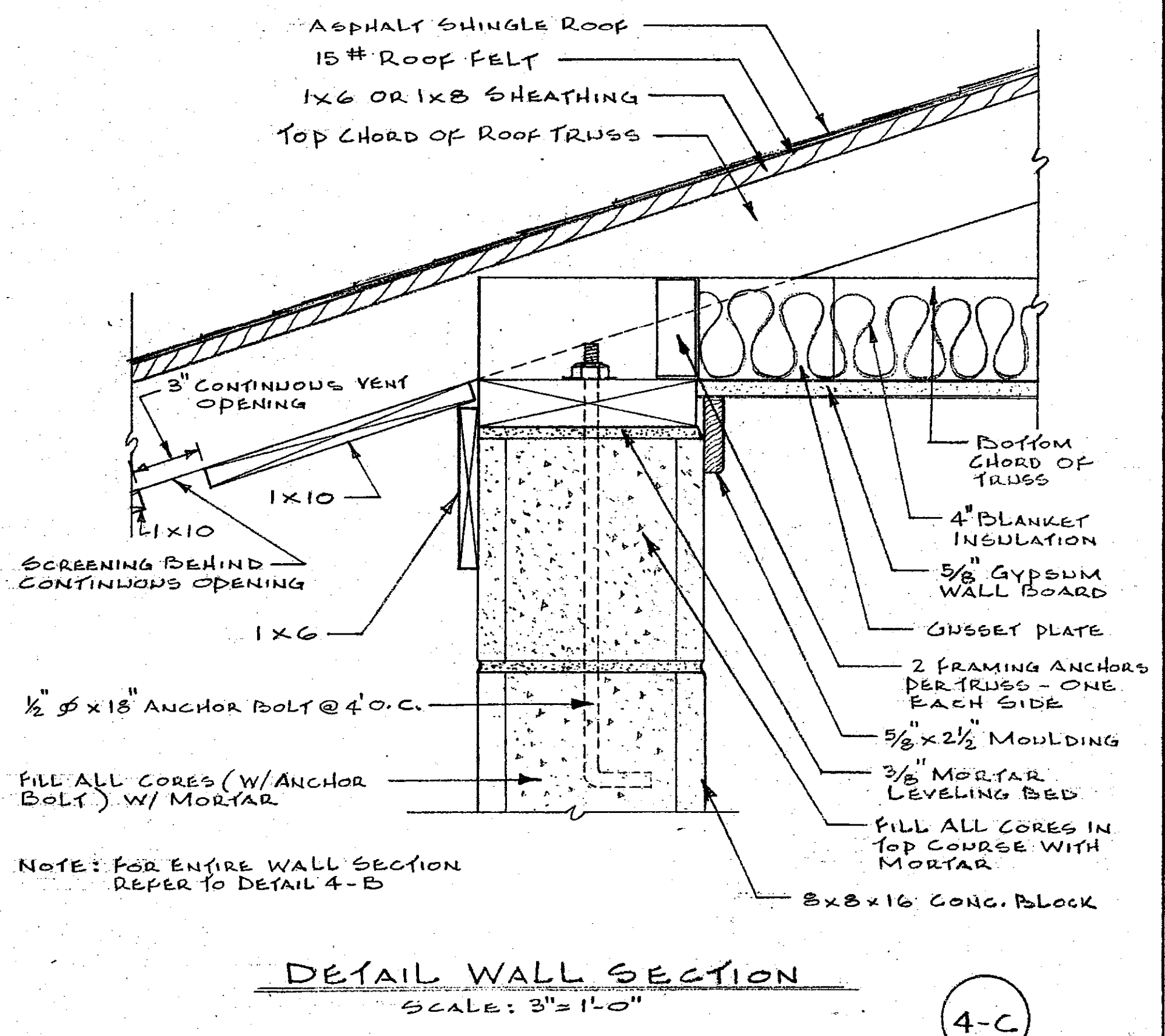


CLOSET DETAILS ROOM #11

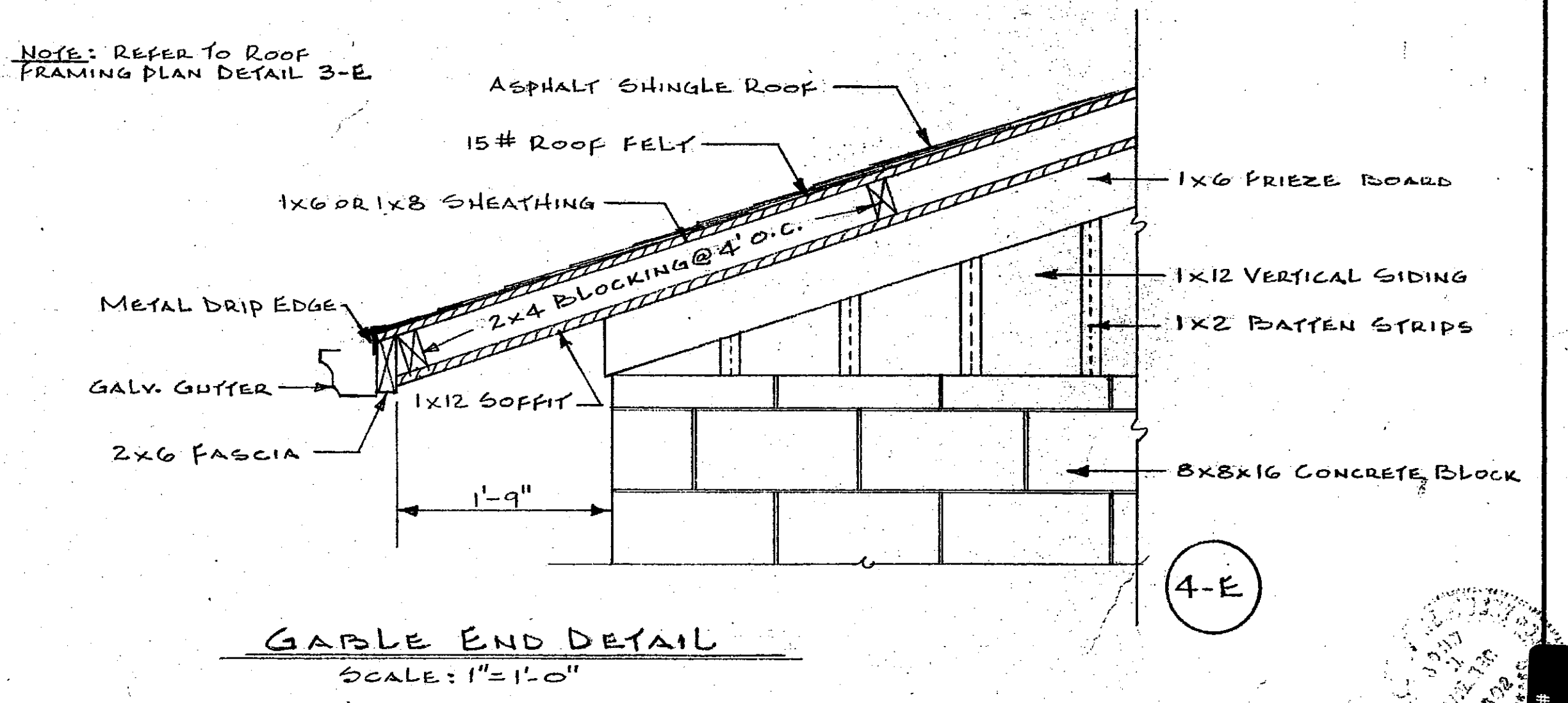
4-A



4-B



4-C

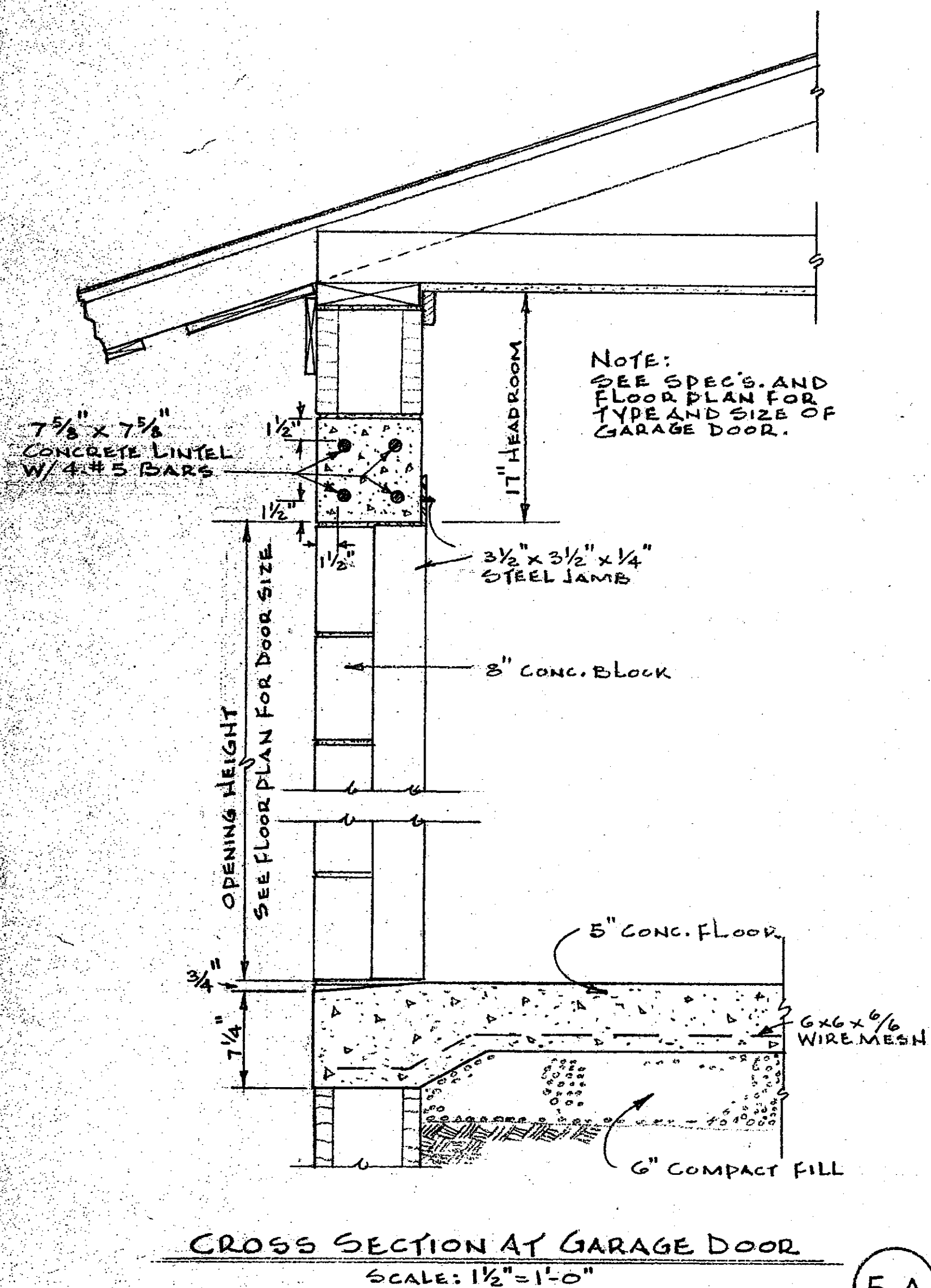


4-E

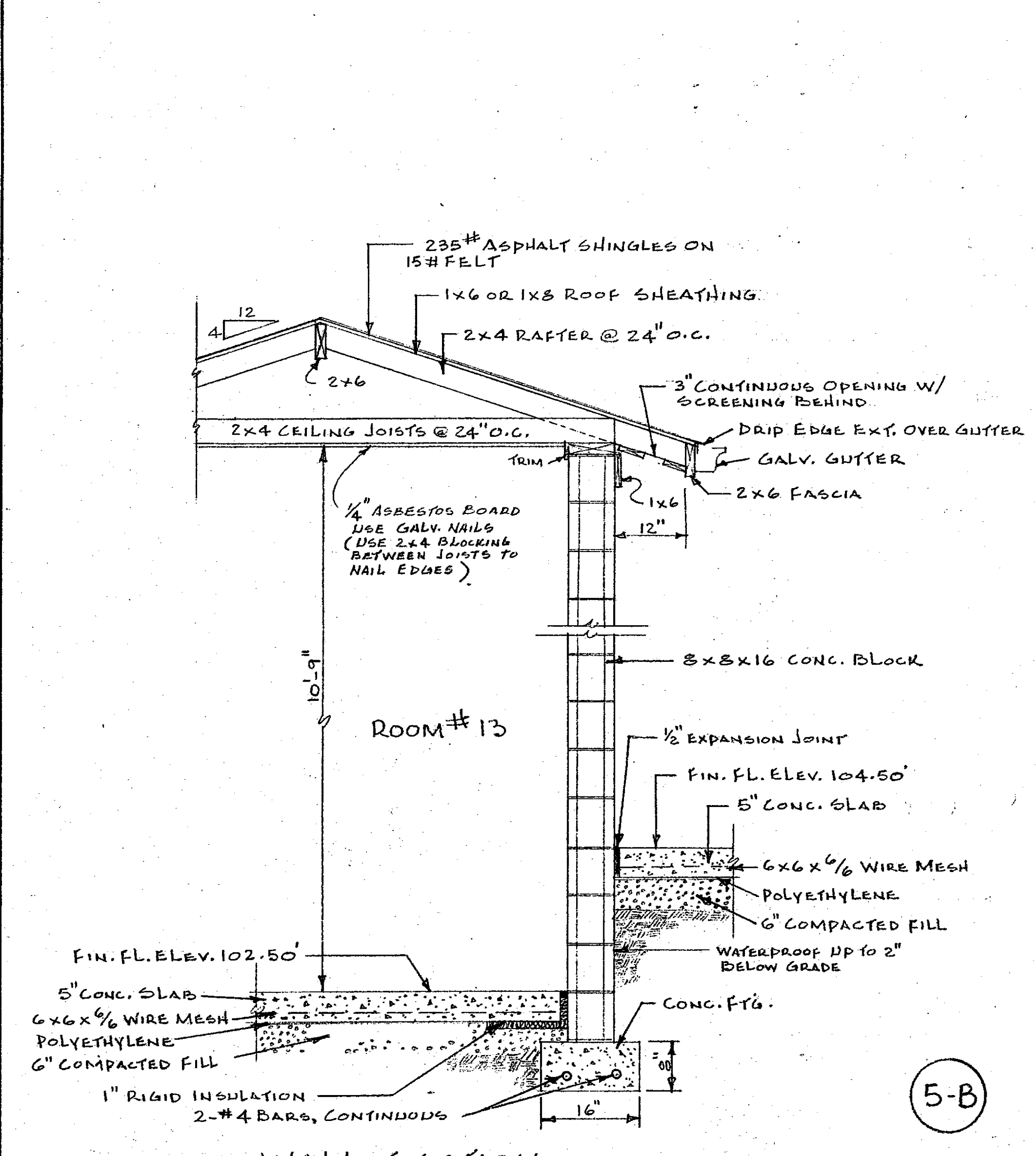
HORTICULTURAL FIELD RESEARCH LABORATORY — SOUTH FARM

APPROVED BY: <i>W. M. Campbell</i> CHIEF OF ENGINEERING STAFF	DATE: 4/15/68
UNIVERSITY OF KENTUCKY Lexington, Kentucky	SHEET # 4 OF 11
Approved By: <i>W. M. Campbell</i> Date: 2-19-68 Date Drawn: DEC. 1968	Approved By: <i>E. E. PASTER</i> Date: 2/19/68
Approved By: <i>Charles E. Brantford</i> Date: 2/19/68	Designed By: J.N.W. - J.S.B.
Approved By: <i>W. M. Campbell</i> Date: _____	DATE: _____

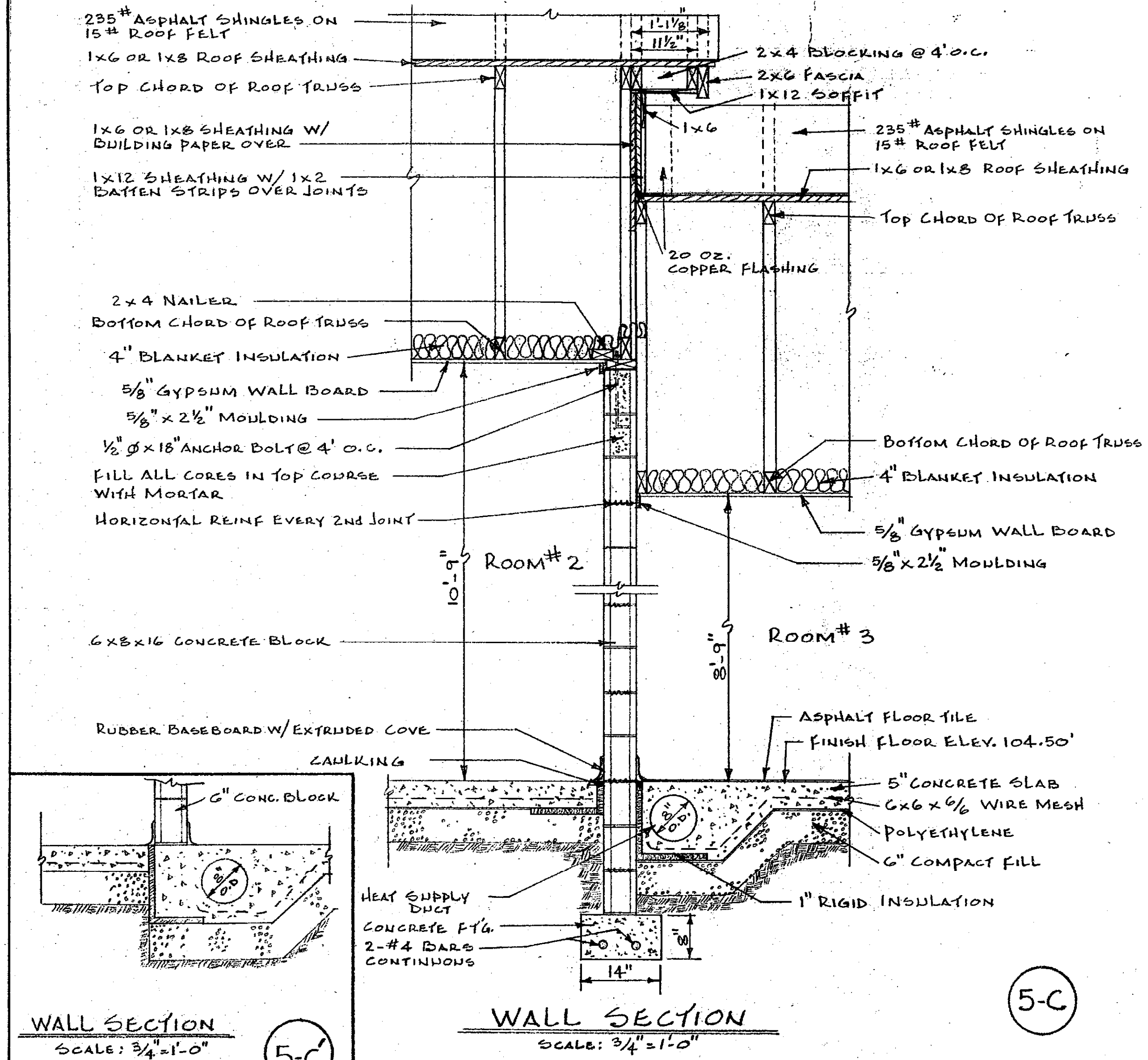
U-4675



5-A

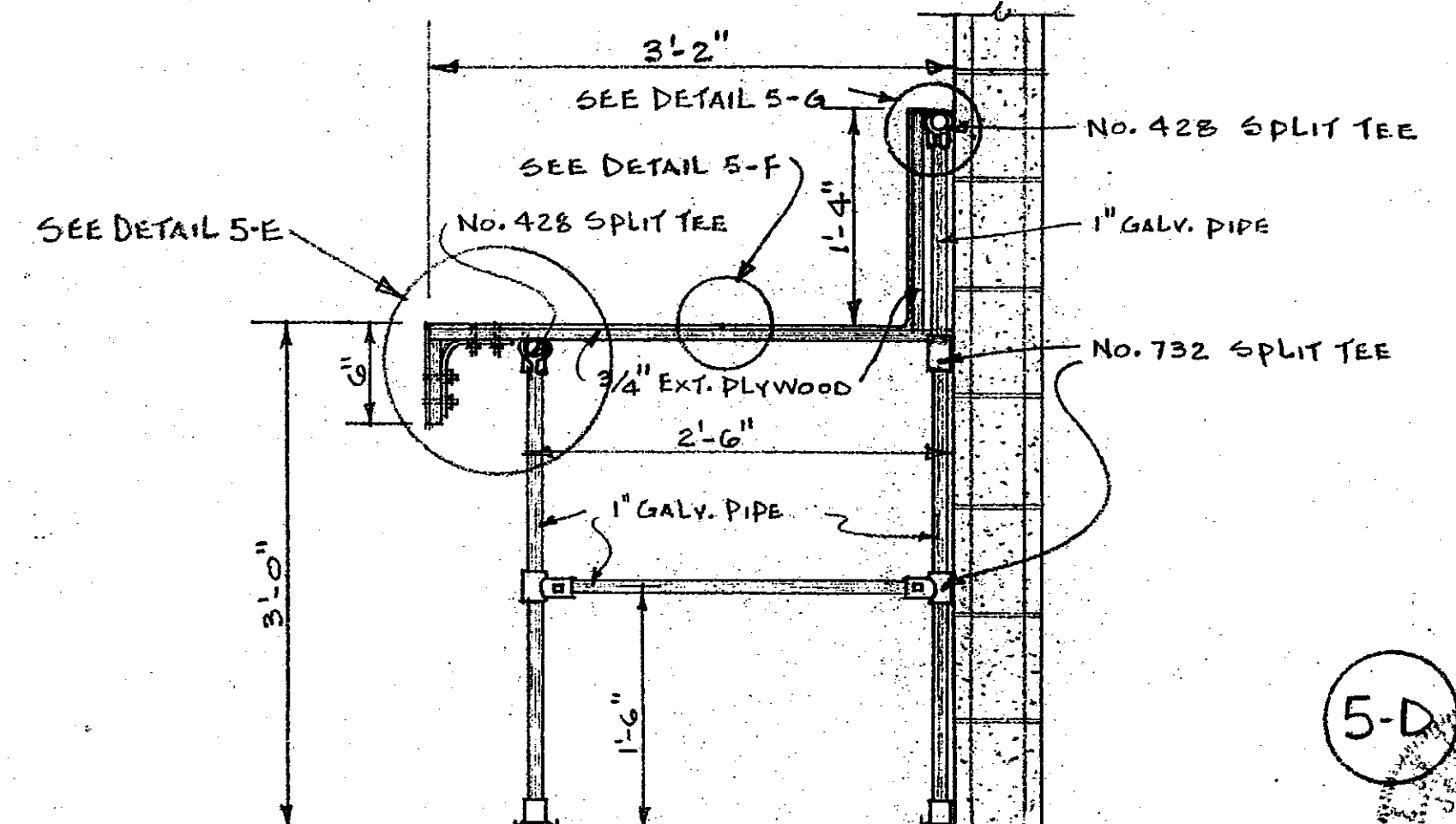
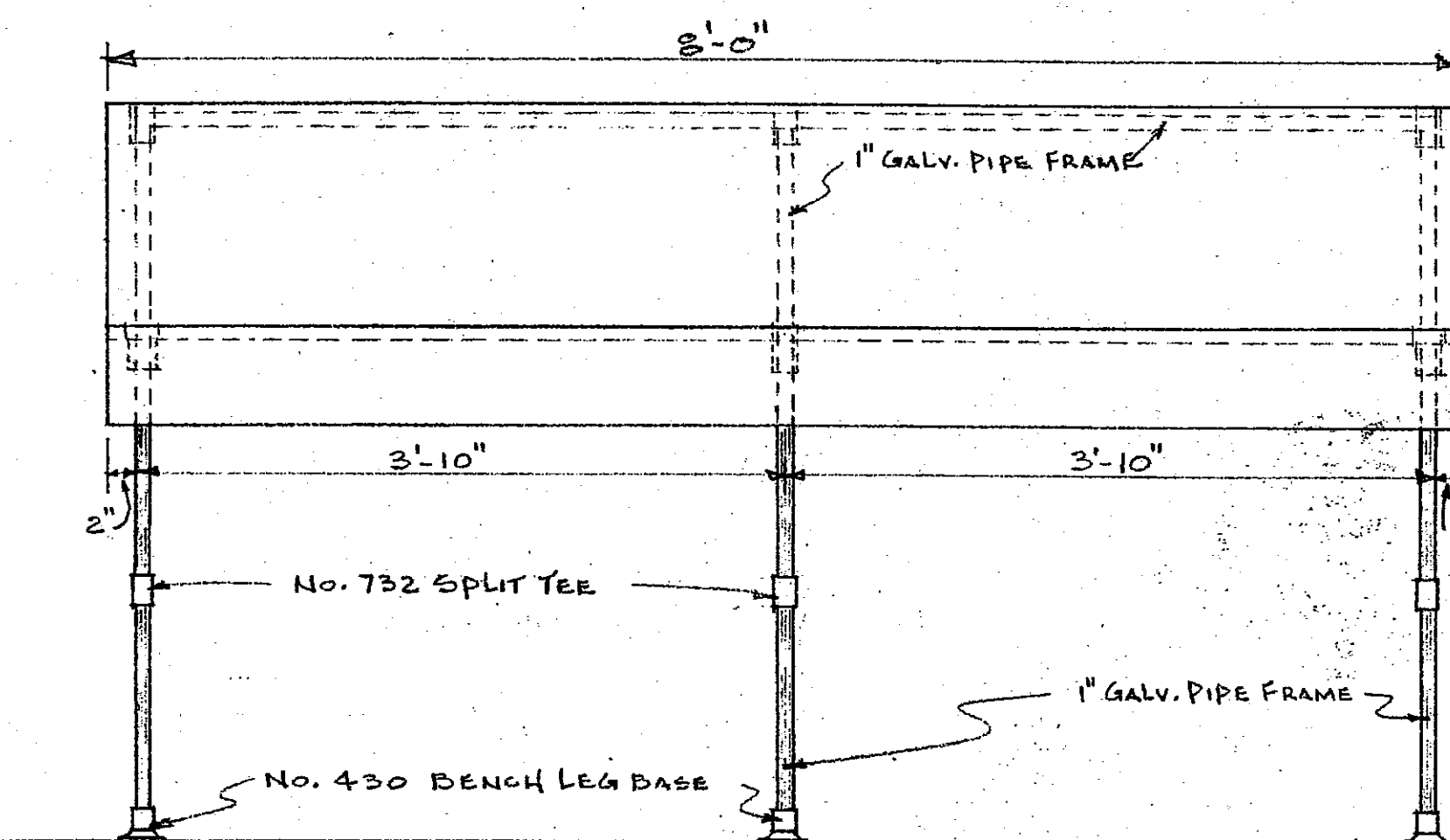
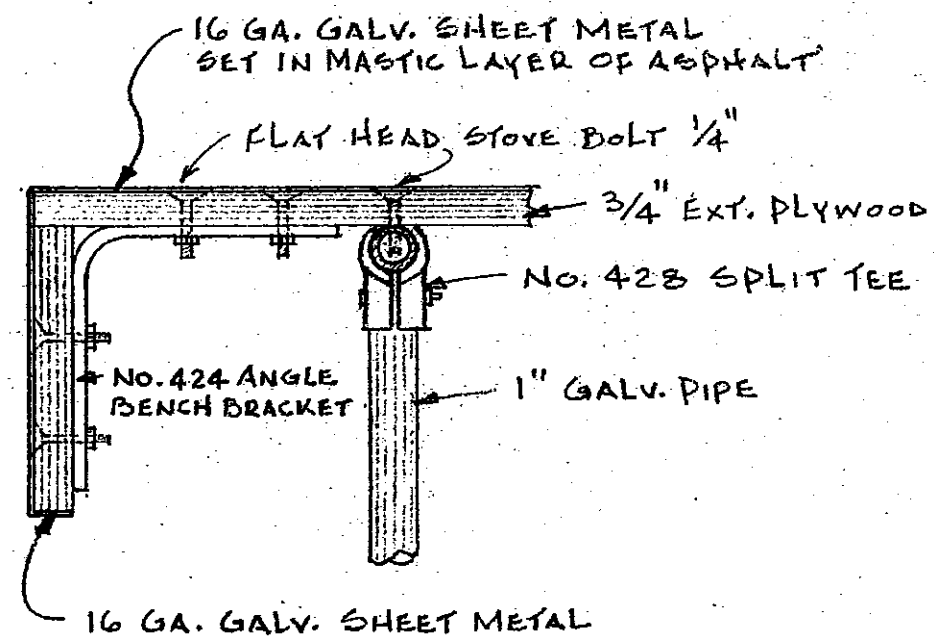
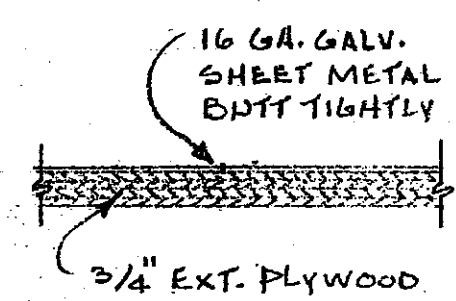
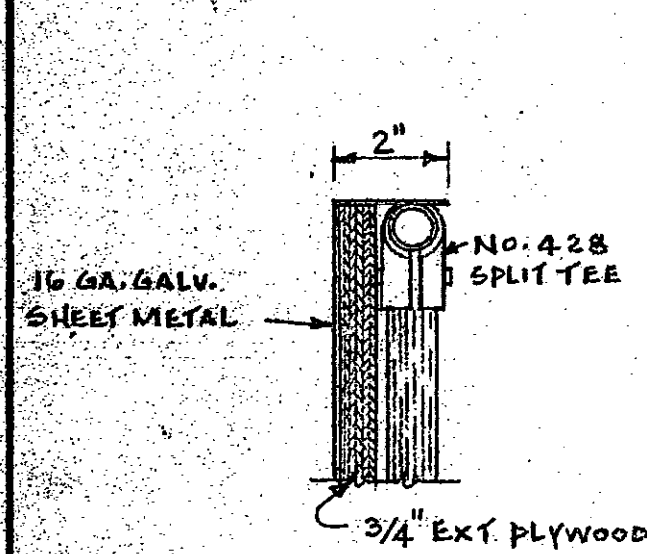


5-B



5-C

5-C

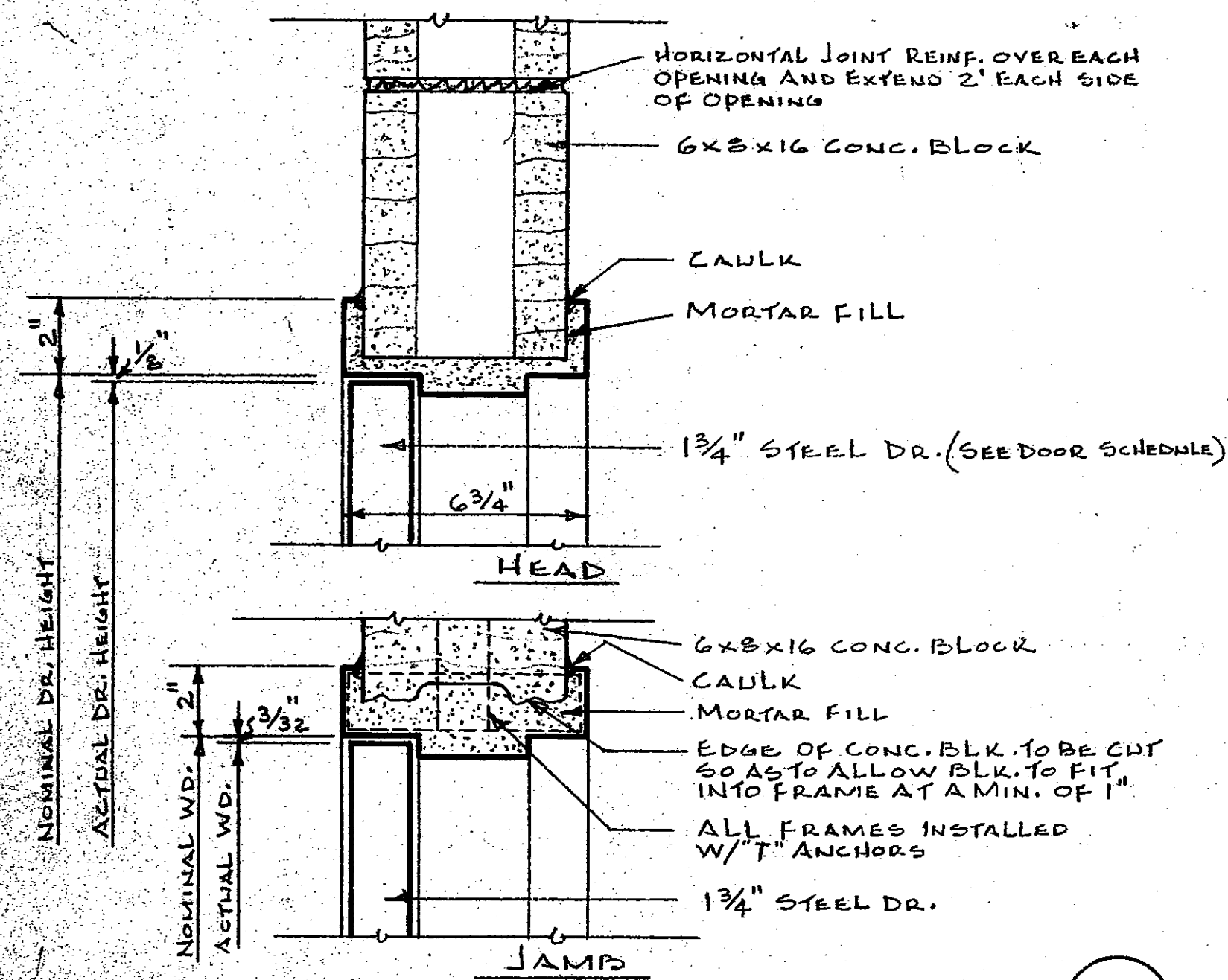


5-D

POTTING BENCH DETAIL FOR ROOM # 12 - 5 REQUIRED

APPROVED BY: <i>W. J. McConnell</i>		DATE: 4/15/68
CHIEF OF ENGINEERING STAFF		
UNIVERSITY OF KENTUCKY Lexington, Kentucky	5 SHEET OF 11	DATE DRAWN: DEC. 1968
Approved By: <i>S. J. Davis</i>	Date: 2-18-68	Drawn By: <i>S. J. Davis</i>
Approved By: <i>Charles E. Darnell</i>	Date: 2/19/69	Designed By: J. M. W. - J. B. G.
Approved By: <i>W. J. McConnell</i>	Date:	DWG. NO.

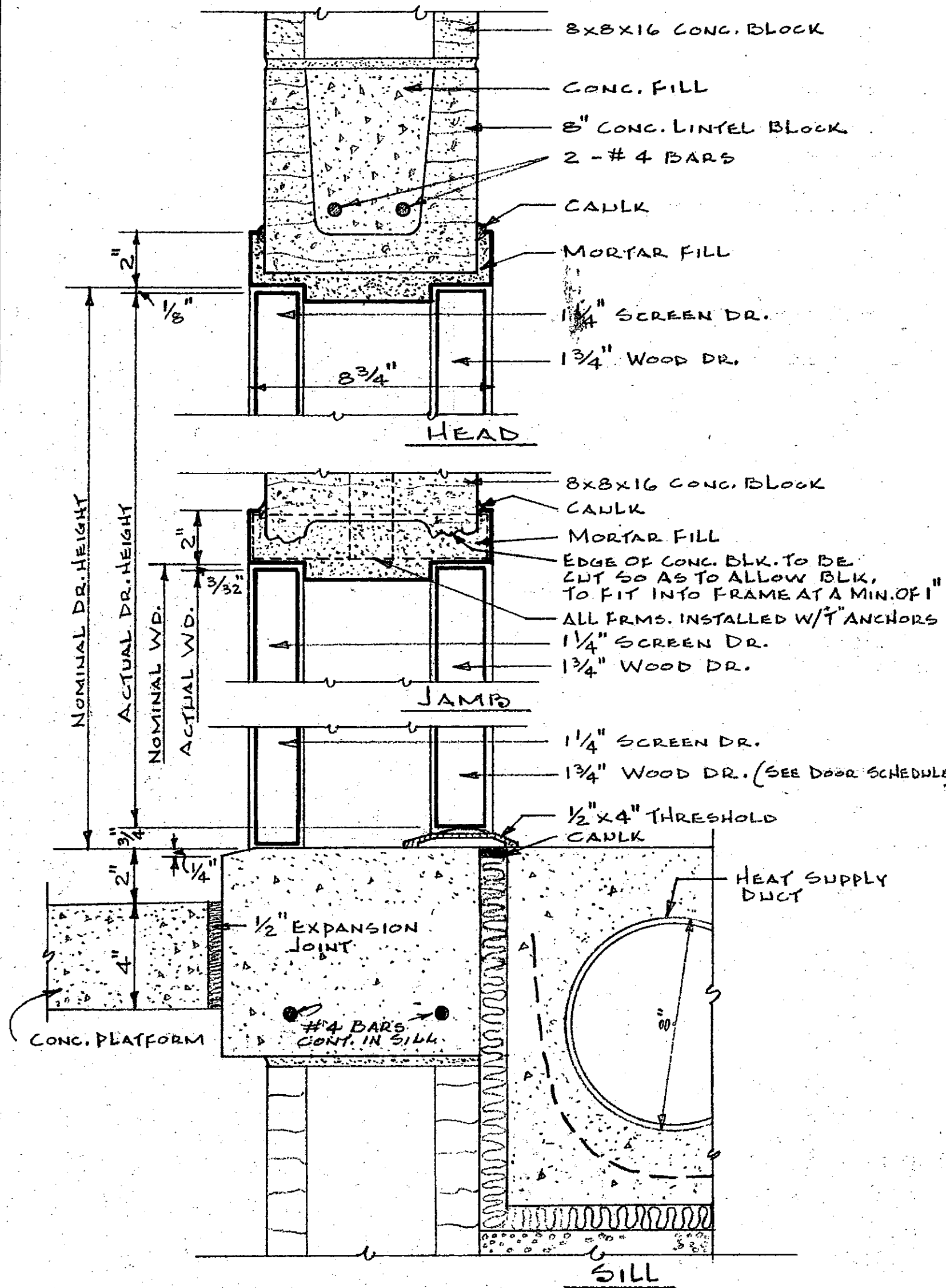
HORTICULTURAL FIELD RESEARCH LABORATORY — SOUTH FARM



INTERIOR DOOR DETAILS

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

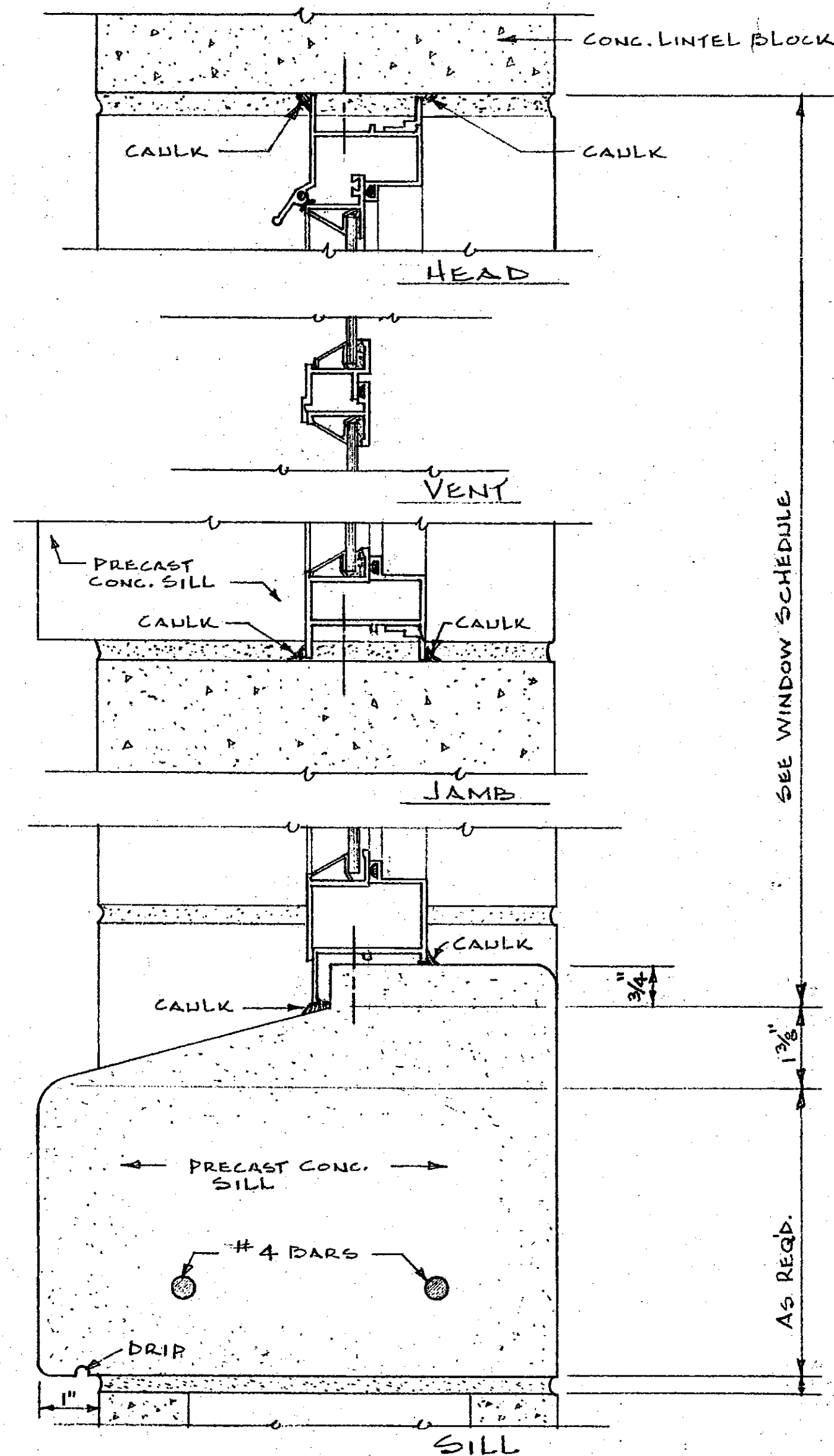
6-A



EXTERIOR DOOR DETAILS

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

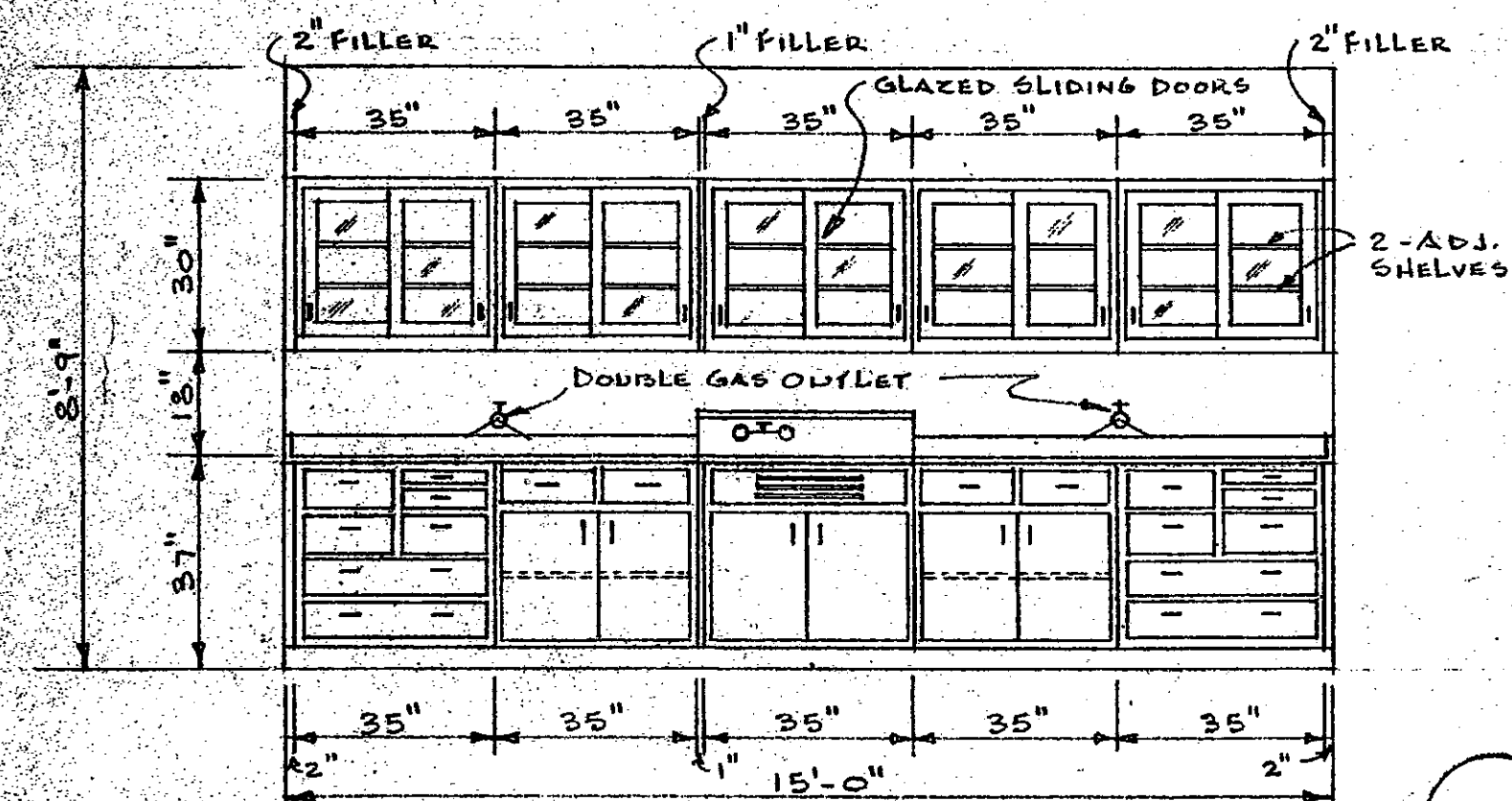
6-C



WINDOW DETAIL (SEE WINDOW SCHEDULE)

SCALE: 1/2 FULL SIZE

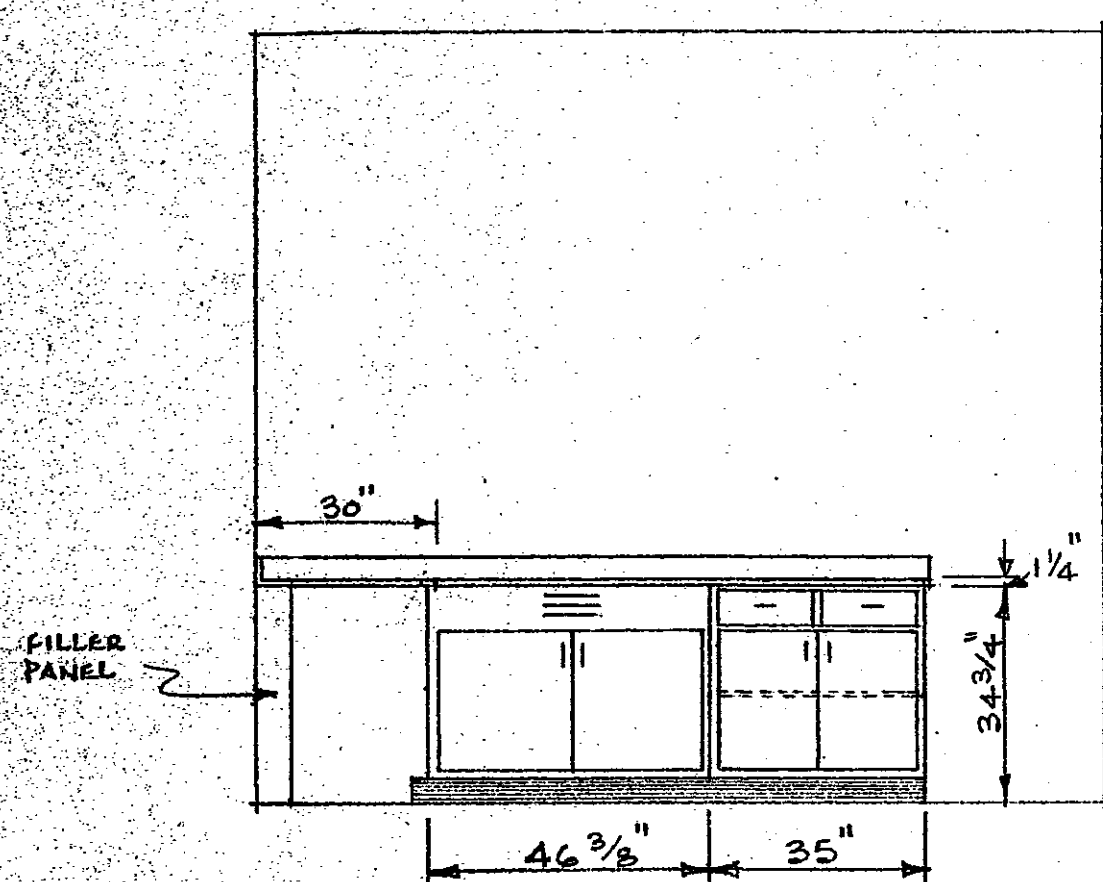
6-D



LABORATORY ELEVATION FOR RM. NO. 3

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

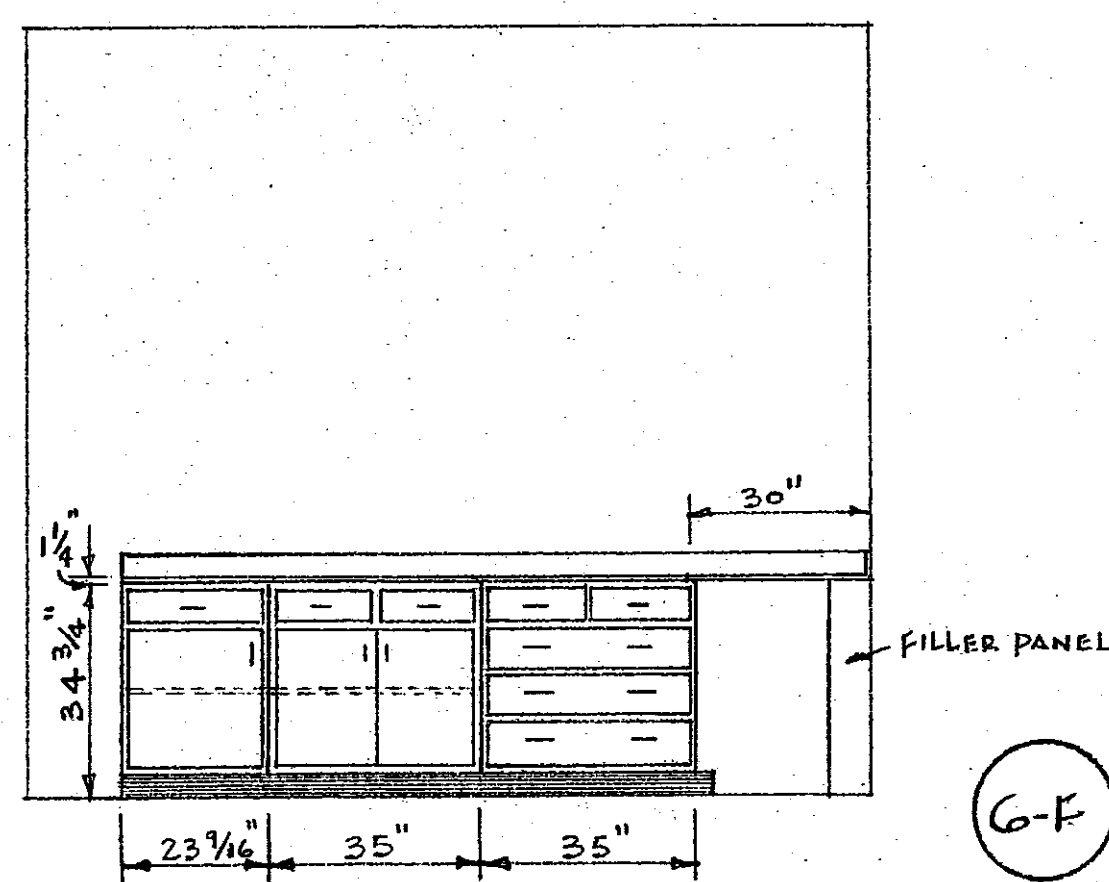
6-B



LABORATORY ELEVATION FOR RM. #2

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

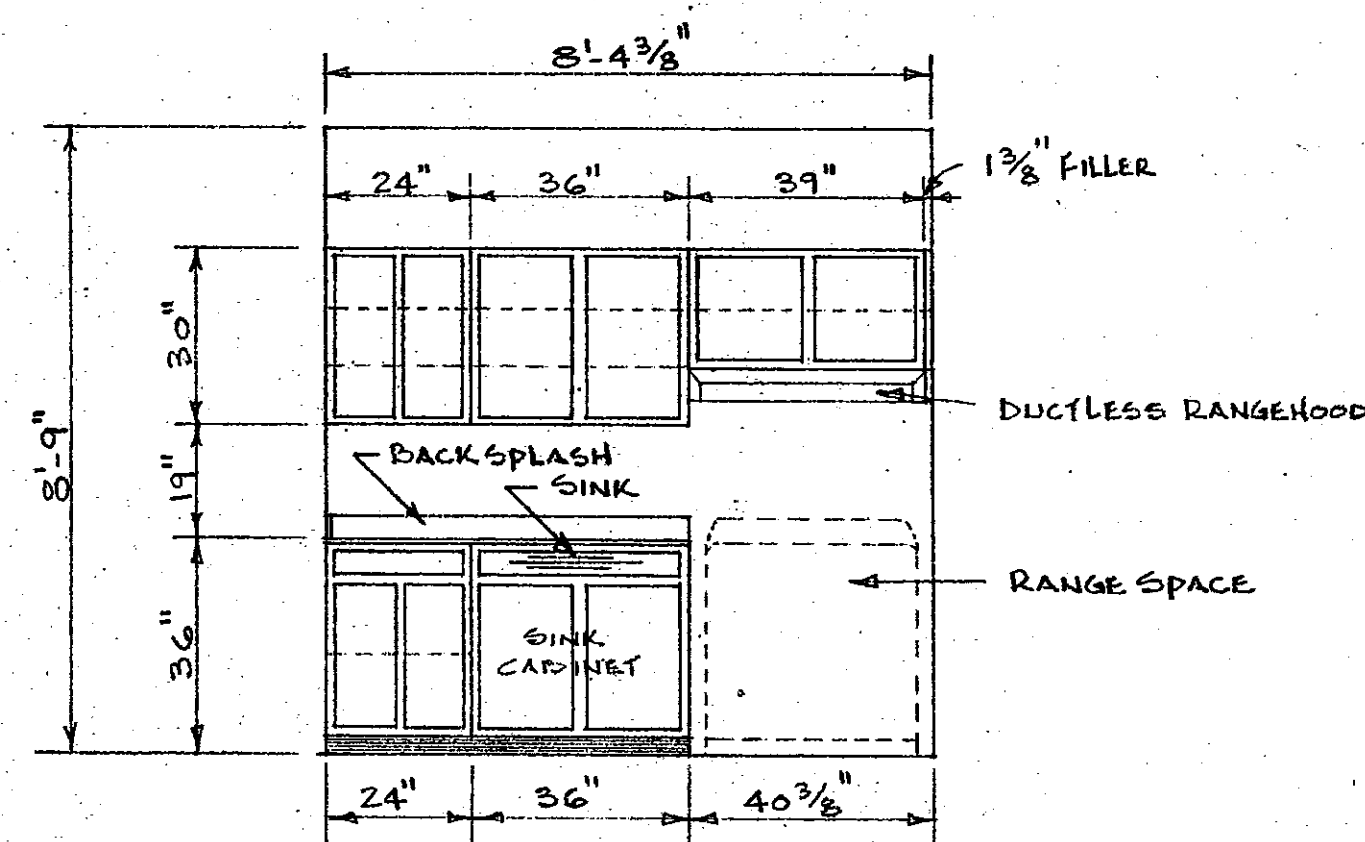
6-E



LABORATORY ELEVATION FOR RM. #2

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

6-F



KITCHEN ELEVATION FOR RM. #7

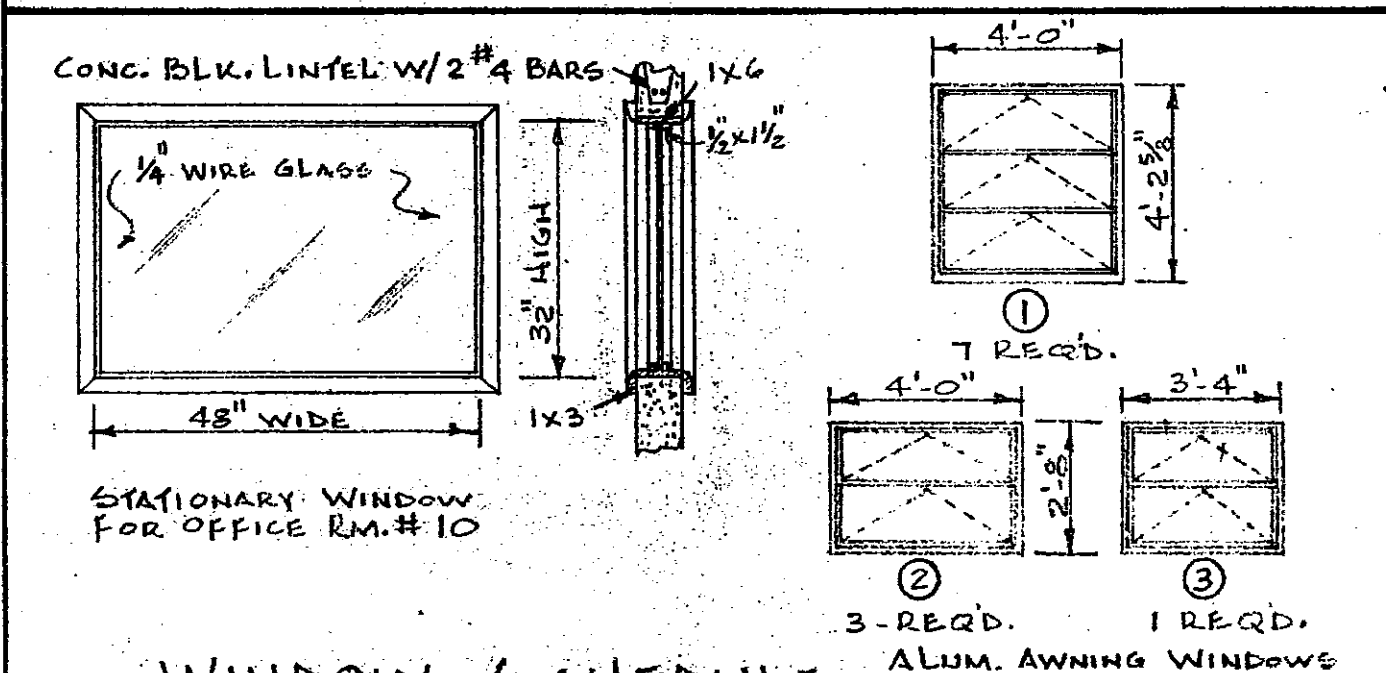
SCALE: 3/8" = 1'-0"

6-G

ROOM NO.	NAME	FLOOR	BASE	WALL	CEIL.	CEIL. HEIGHT
1	LABORATORY	CONG.	R.B.	C.B.	G.B.	10'-9"
2	LABORATORY	CONG.	R.B.	C.B.	G.B.	10'-9"
3	LABORATORY	A.T.	R.B.	C.B.	G.B.	8'-9"
4	MEN'S REST ROOM	C.T.	C.T.	C.B.*	G.B.	8'-9"
5	WOMEN'S REST ROOM	C.T.	C.T.	C.B.*	G.B.	8'-9"
6	BATH ROOM	A.T.	R.B.	C.B.	G.B.	8'-9"
7	KITCHEN	A.T.	R.B.	C.B.	G.B.	8'-9"
8	MECHANICAL	CONG.	R.B.	C.B.	G.B.	8'-9"
9	STORAGE	CONG.	R.B.	C.B.	G.B.	8'-9"
10	OFFICE	A.T.	R.B.	C.B.	G.B.	8'-9"
11	BED ROOM	A.T.	R.B.	C.B.	G.B.	8'-9"
12	LABORATORY	CONG.	R.B.	C.B.	G.B.	8'-9"
13	SERVICE ROOM	CONG.	R.B.	C.B.	G.B.	10'-9"

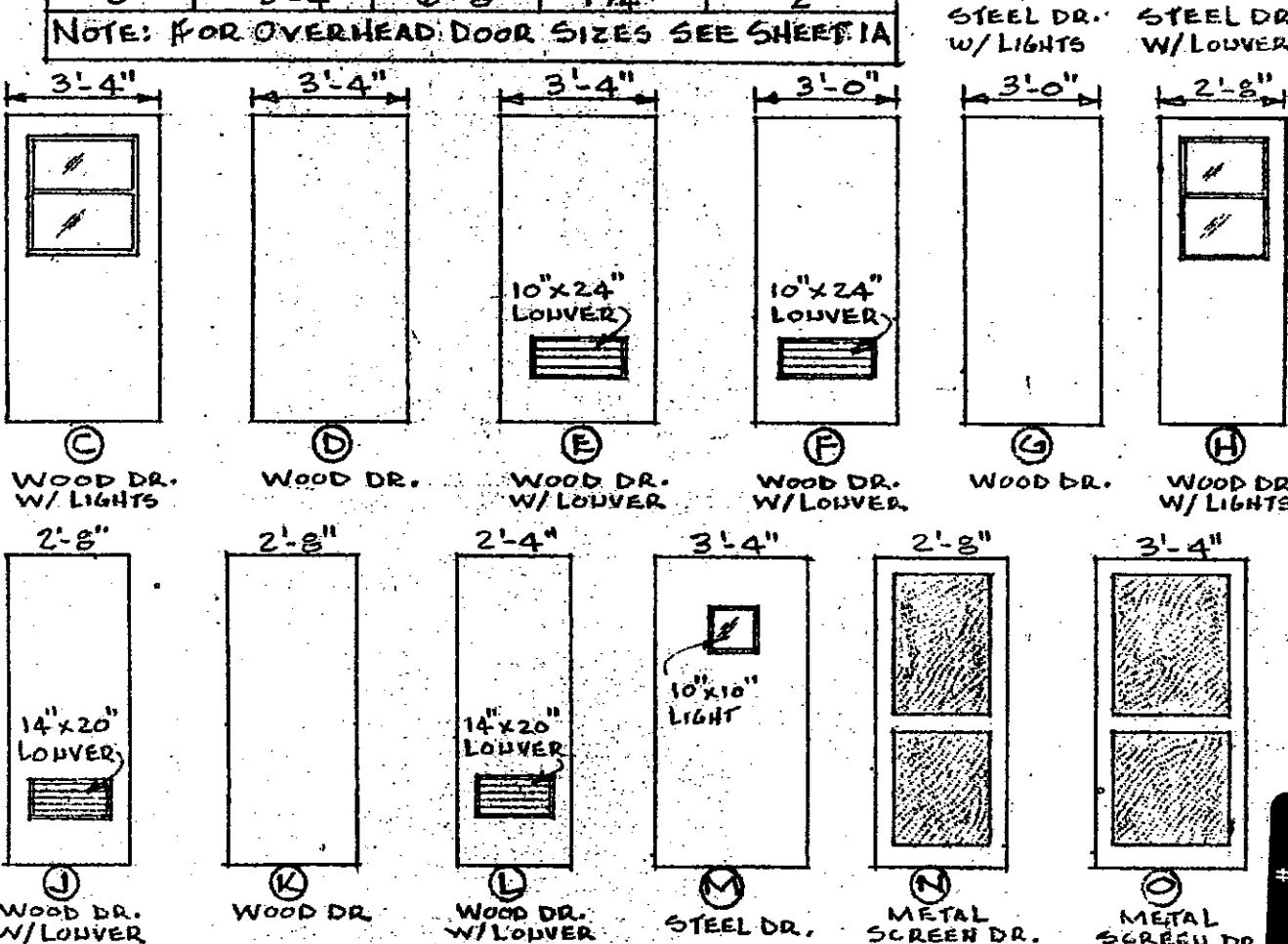
A.T. - VINYL ASBESTOS TILE
 R.B. - RUBBER BASE WITH COVE
 C.T. - CERAMIC TILE
 G.B. - GYPSUM WALL BOARD
 C.B. - CONCRETE BLOCK
 CONG. - CONCRETE
 * - FINISHED WITH EPOXY GLAZED COATING

ROOM SCHEDULE



WINDOW SCHEDULE

MARK	WIDTH	HEIGHT	DEPTH	NO. REQD.
A	3'-4"	6'-8"	1 3/4"	4
B	3'-4"	6'-8"	1 3/4"	1
C	3'-4"	6'-8"	1 3/4"	1
D	3'-4"	6'-8"	1 3/4"	1
E	3'-4"	6'-8"	1 3/4"	2
F	3'-0"	6'-8"	1 3/4"	1
G	3'-0"	6'-8"	1 3/4"	2
H	2'-8"	6'-8"	1 3/4"	1
I	2'-8"	6'-8"	1 3/4"	1
J	2'-8"	6'-8"	1 3/4"	1
K	2'-8"	6'-8"	1 3/4"	1
L	2'-4"	6'-8"	1 3/4"	1
M	3'-4"	6'-8"	1 3/4"	1
N	2'-8"	6'-8"	1 3/4"	1
O	3'-4"	6'-8"	1 3/4"	2



DOOR SCHEDULE

APPROVED BY: *W.T. Mc Connell*
 CHIEF OF ENGINEERING STAFF
 DATE: 4/15/68

UNIVERSITY OF KENTUCKY
 Lexington, Kentucky

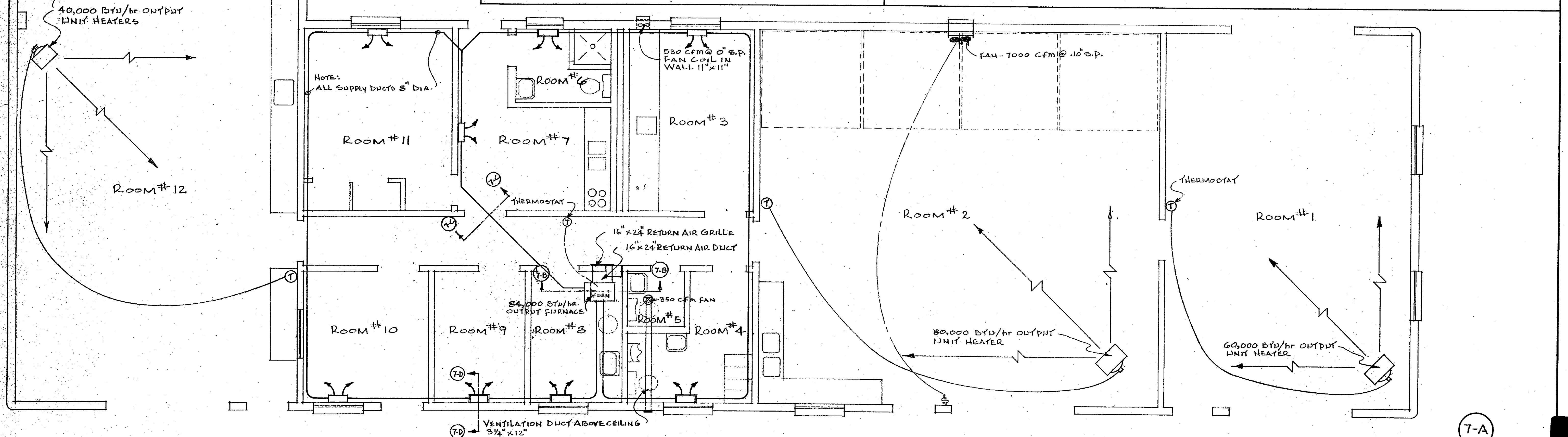
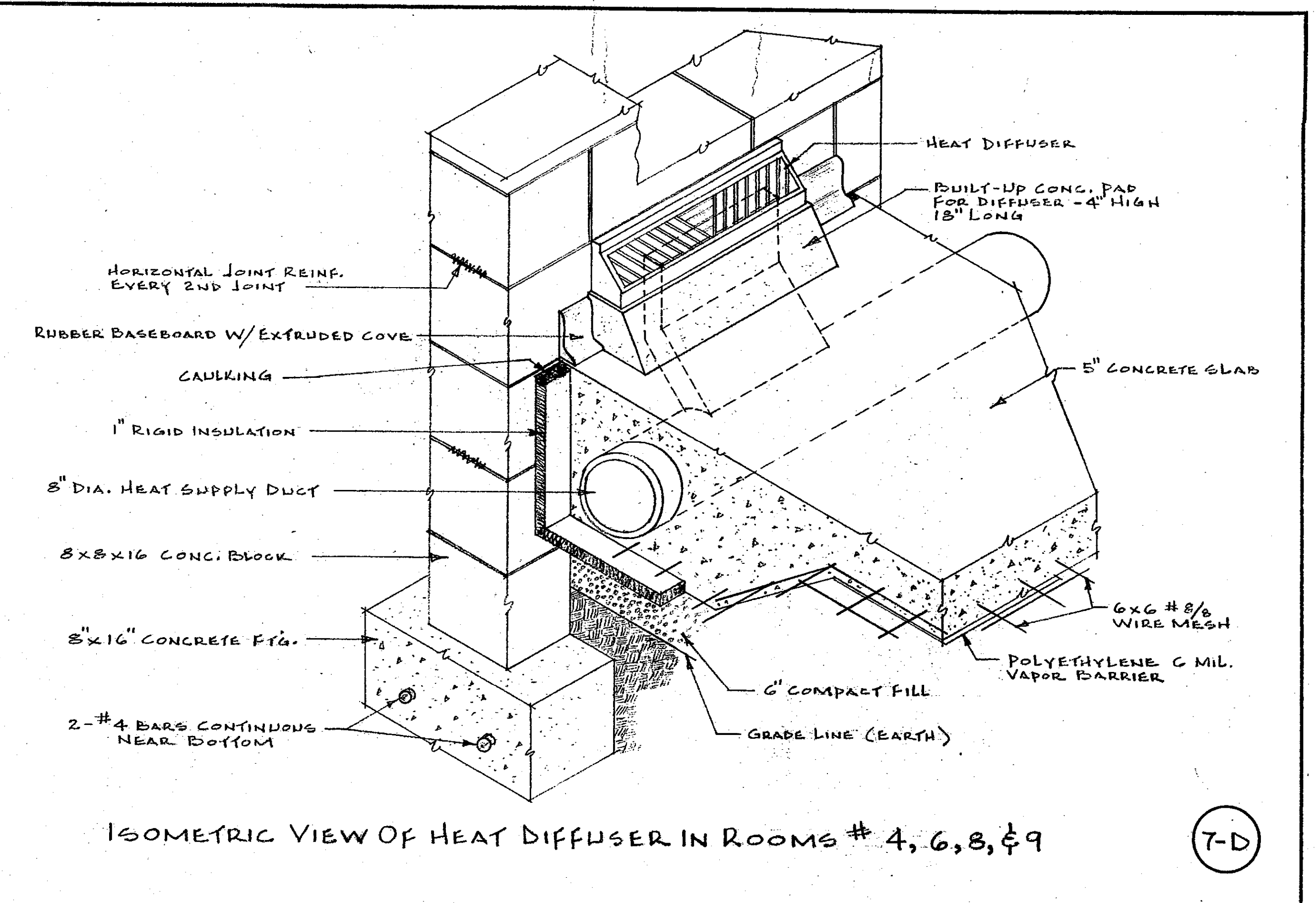
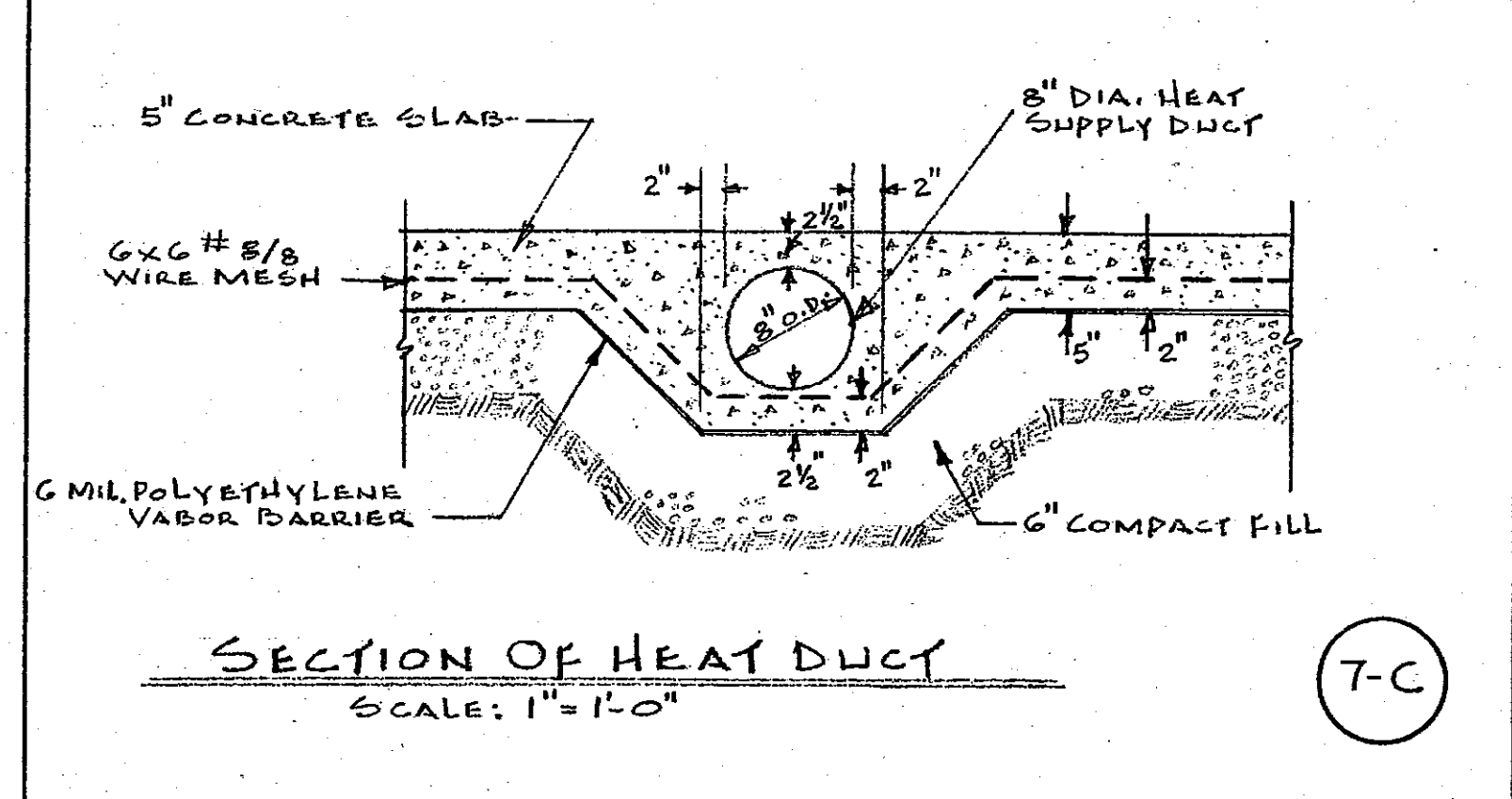
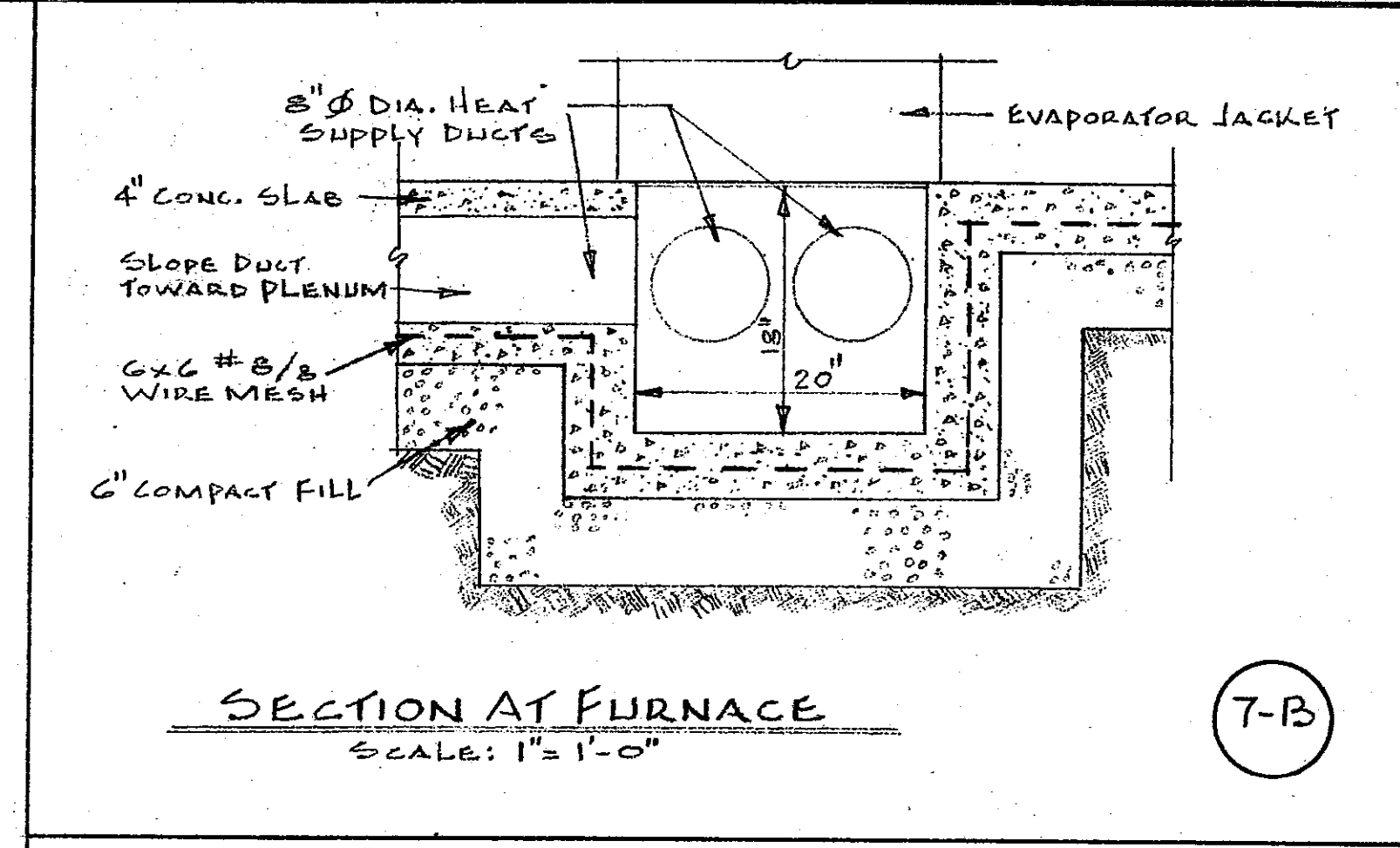
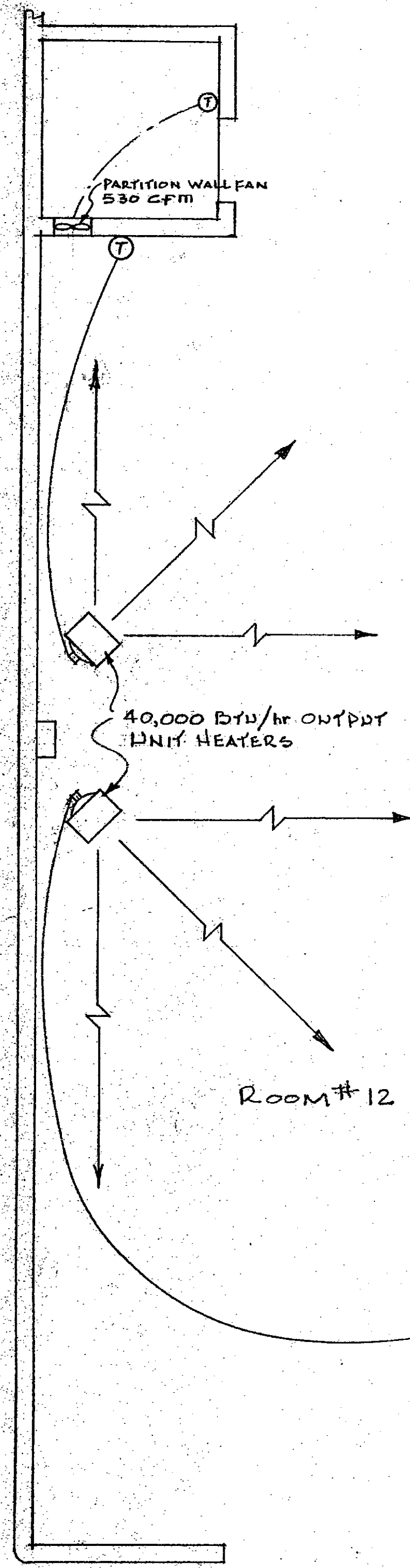
6 SHEET OF 11

DEC. 1968

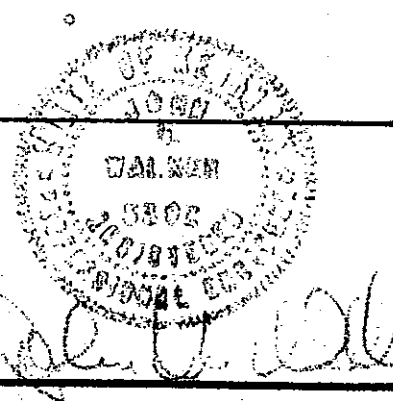
Drawn By: P.E. PASTER
 Designed By: J.N.W. - J.B.E.

HORTICULTURAL FIELD RESEARCH LABORATORY — SOUTH FARM

U-4671



HORTICULTURAL FIELD RESEARCH LABORATORY — SOUTH FARM

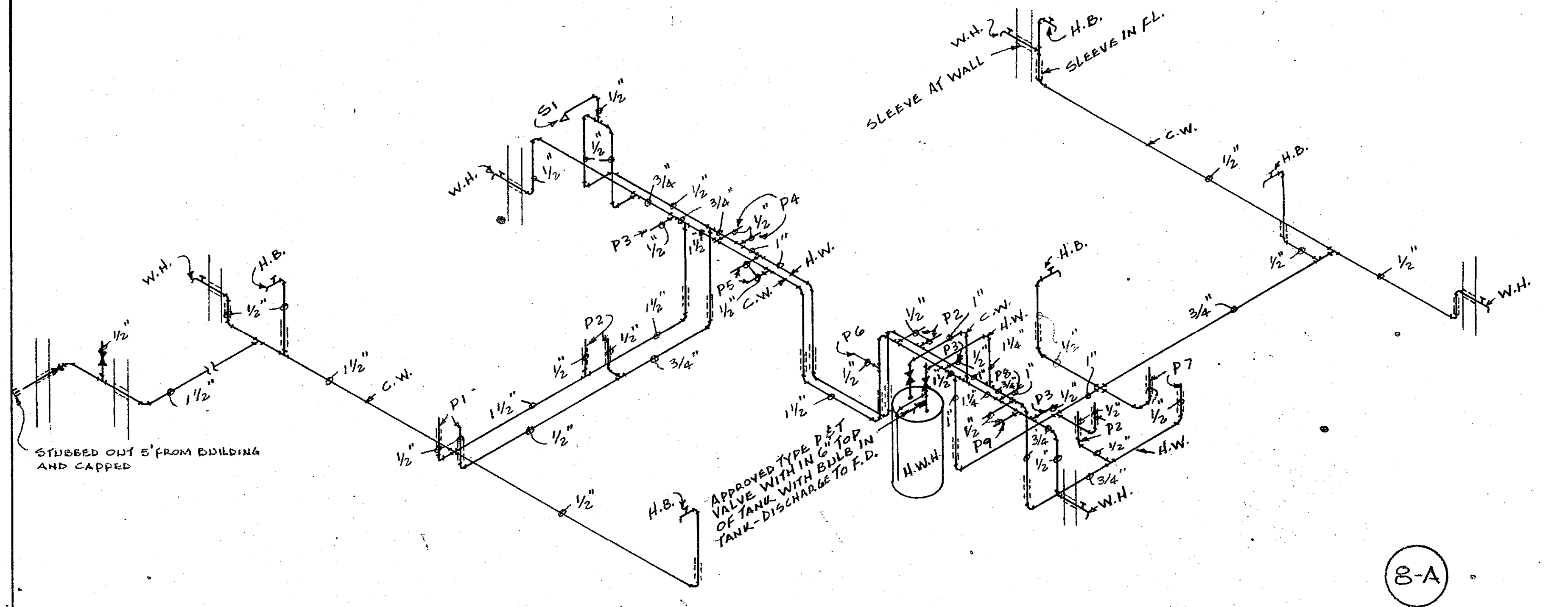


APPROVED BY: <i>W. J. McCannell</i> CHIEF OF ENGINEERING STAFF		DATE: 4/15/67
UNIVERSITY OF KENTUCKY Lexington, Kentucky	7	SHEET OF 11
Approved By: <i>J. N. W.</i>	Date: 2/19/67	Date Drawn: DEC. 1966
Approved By: <i>Charles E. Campbell</i>	Date: 2/19/67	Drawn By: B. EASTER
Approved By: <i>H. C. Brown</i>	Date:	Designed By: J. N. W. - J. B. B.
Approved By:	Date:	Dwn. No.:

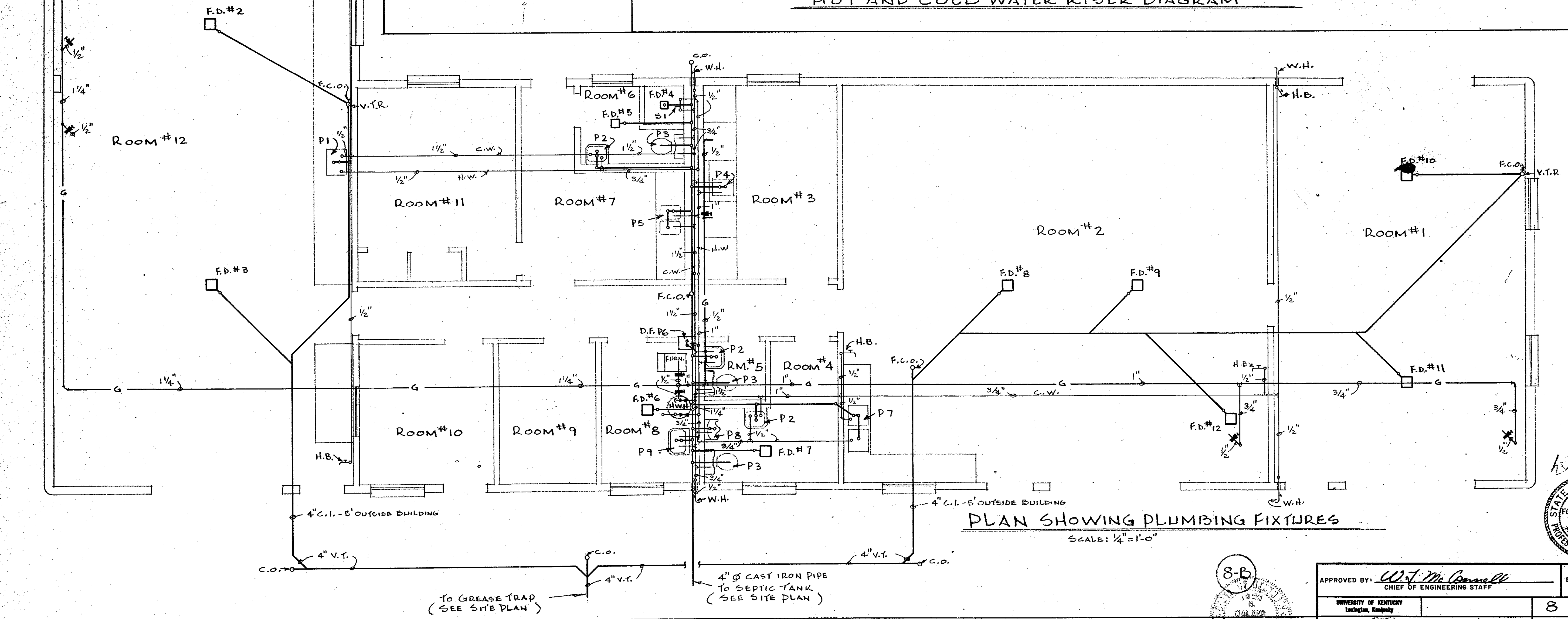
NOTE: WATER & GAS SUPPLY STUBBED OUT 5'-0" FROM BUILDING AND CAPPED

PLUMBING LEGEND

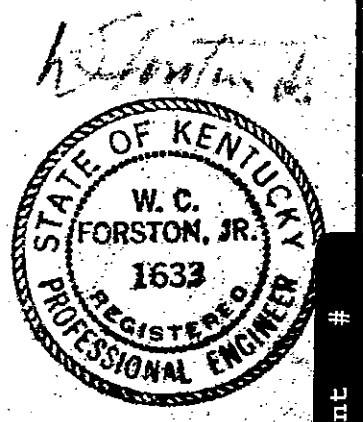
- WASTE
- - - VENT
- G GAS
- ELL DOWN
- ELL UP
- TEE DOWN
- TEE UP
- GATE VALVE
- TOP RELIEF VALVE
- SLEEVE AT WALL
- SLEEVE AT FLOOR OR CEILING
- H.B. HOSE BIBB
- W.H. WALL HYDRANT
- H.W.H. HOT WATER HEATER
- F.D. FLOOR DRAIN
- F.C.O. FLOOR CLEAN OUT
- C.W. COLD WATER
- H.W. HOT WATER
- V.T.R. VENT THROUGH ROOF
- S1 SHOWER
- D.F. DRINKING FOUNTAIN
- P1 GAS COOK
- P2 LAB. SINK
- P3 LAVATORY
- P4 WATER CLOSET
- P5 LAB. SINK
- P6 KITCHEN SINK
- P7 ELECTRIC DRINKING FOUNTAIN
- P8 LAB. SINK
- P9 URINAL
- SERVICE SINK



HOT AND COLD WATER RISER DIAGRAM



PLAN SHOWING PLUMBING FIXTURES

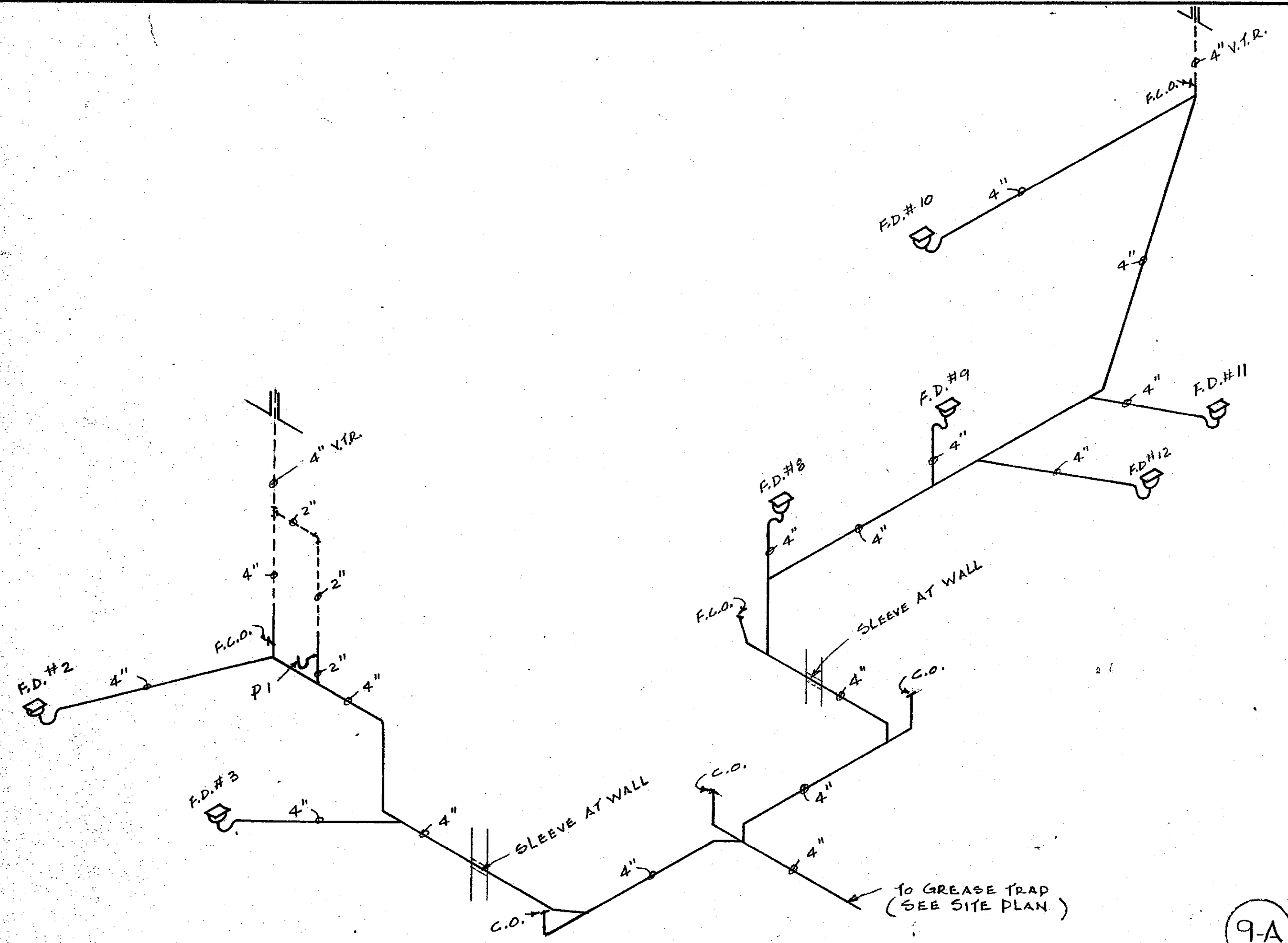


8-B

APPROVED BY: <i>W.C. Forston, Jr.</i> CHIEF OF ENGINEERING STAFF	DATE: 4/15/68
UNIVERSITY OF KENTUCKY Lexington, Kentucky	SHEET 8 OF 11
Approved By: <i>[Signature]</i> Date: 2-12-65	Date Drawn: DEC. 1968
Approved By: <i>[Signature]</i> Date: 2-19-68	Drawn By: B.E. DASTER
Approved By: <i>[Signature]</i> Date: _____	Designed By: J.N.W. - J.B.
Approved By: _____ Date: _____	DWG. NO. _____

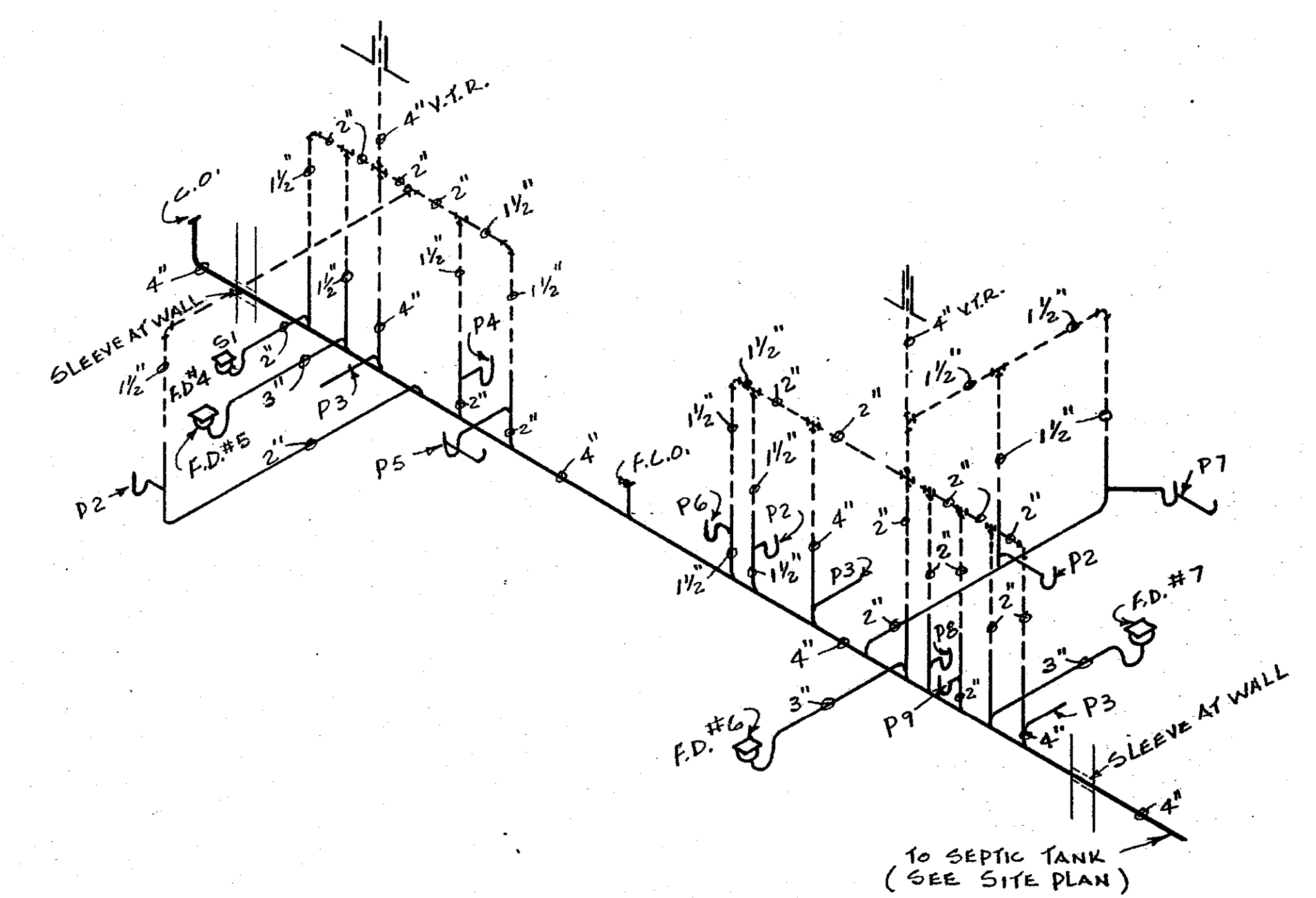
HORTICULTURAL FIELD RESEARCH LABORATORY — SOUTH FARM

U-467



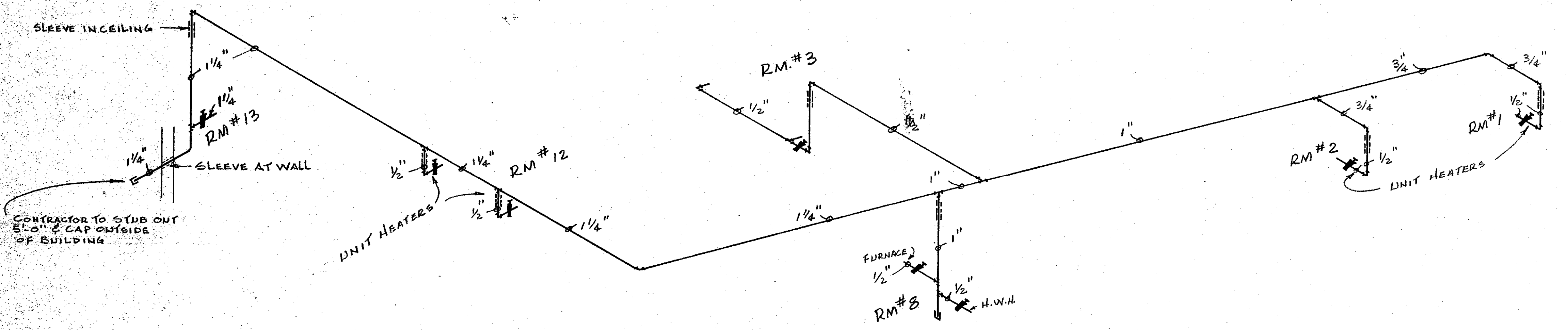
SOIL WASTE AND VENT RISER DIAGRAM

9-A



SOIL WASTE AND VENT RISER DIAGRAM

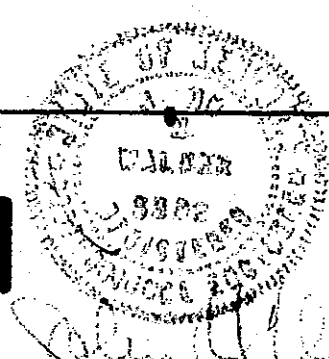
9-B



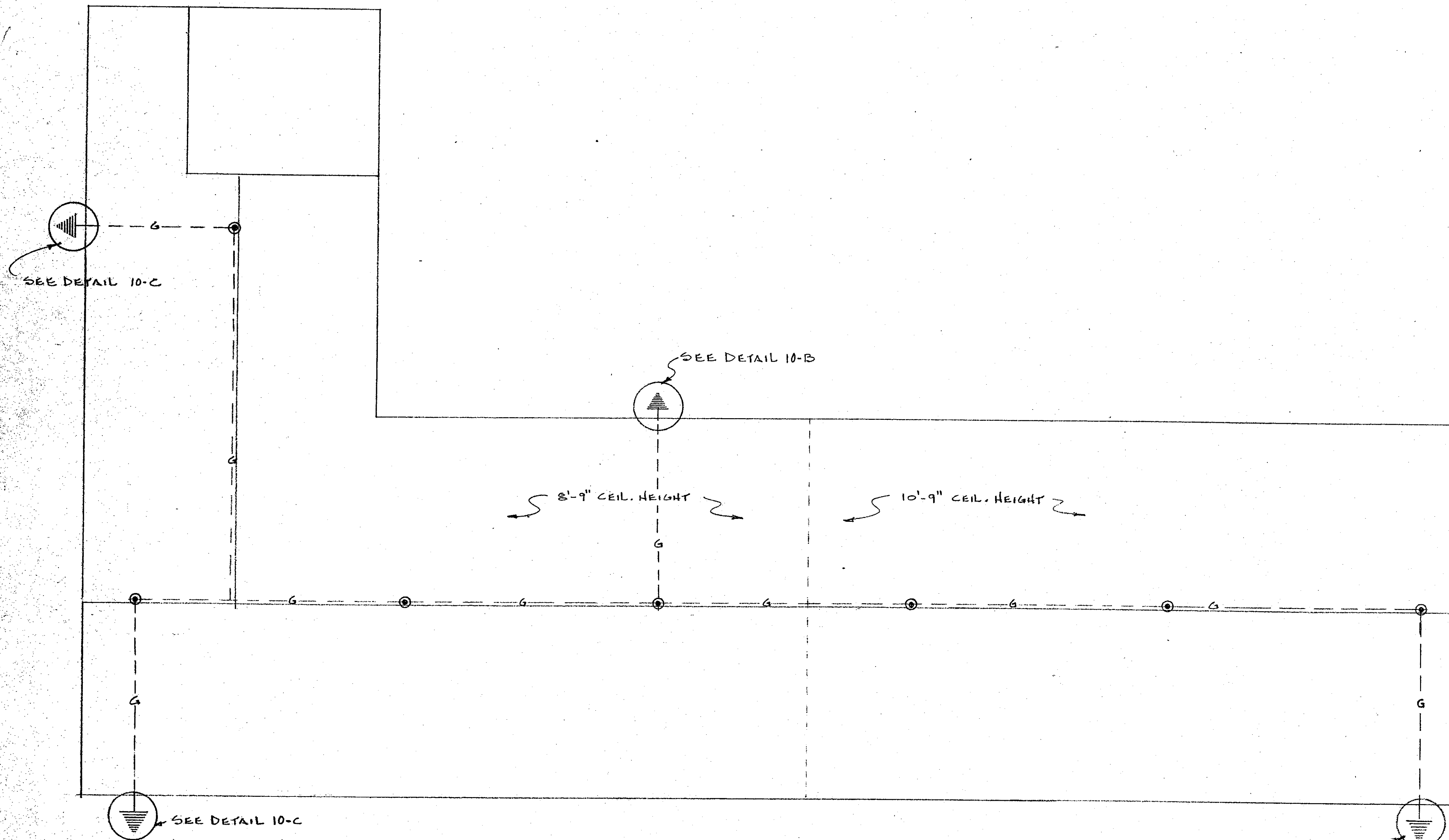
GAS LINE RISER DIAGRAM

9-C

HORTICULTURAL FIELD RESEARCH LABORATORY — SOUTH FARM



APPROVED BY: <i>W.C. Forstom, Jr.</i> CHIEF OF ENGINEERING STAFF		DATE: 4/15/65
UNIVERSITY OF KENTUCKY Lexington, Kentucky	9 OF 11 SHEETS	
Approved By: <i>[Signature]</i>	Date: 2-15-65	Date Drawn: DEC. 1962
Approved By: <i>[Signature]</i>	Date: 2/19/65	Drawn By: E.E. PASTER
Approved By: <i>[Signature]</i>	Date:	Designed By: J.N.W. - J.G.B.
Approved By:	Date:	Dwn. No.:



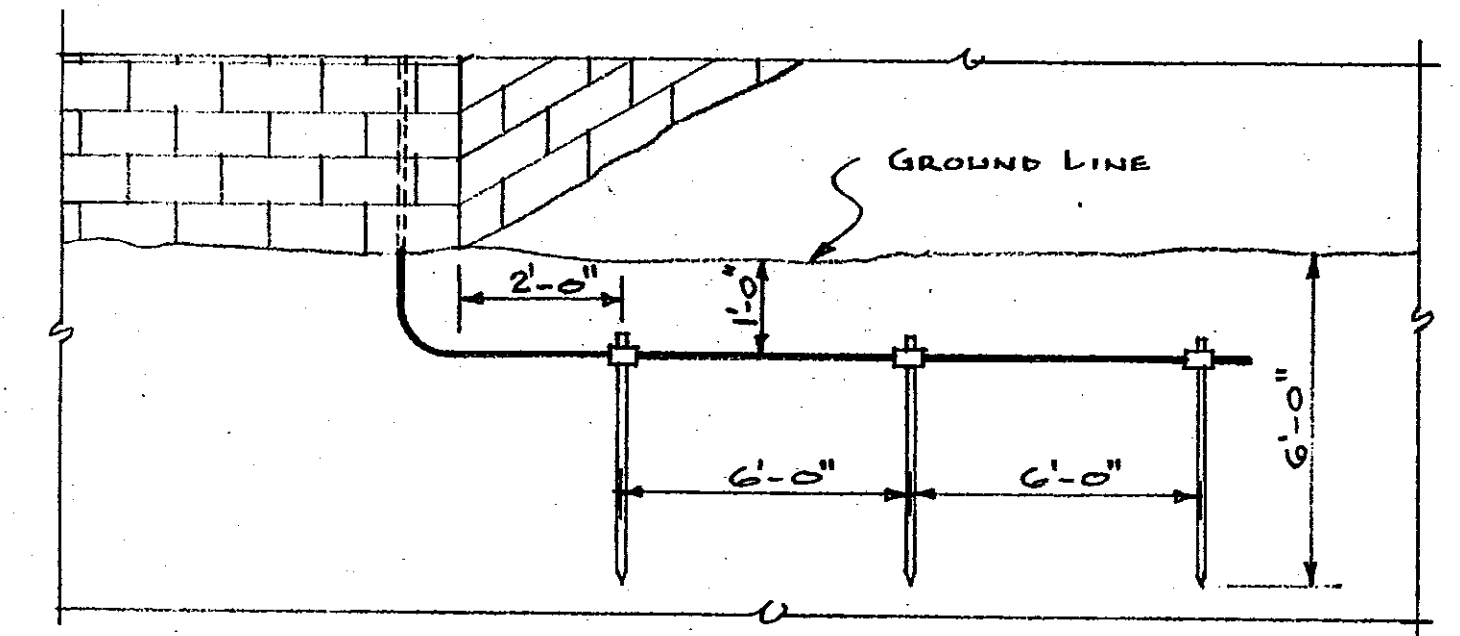
LIGHTNING PROTECTION PLAN

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

- --- AIR TERMINAL
- - - G --- GROUND WIRE
- ⊕ --- GROUND - SEE DETAIL 10B & 10C

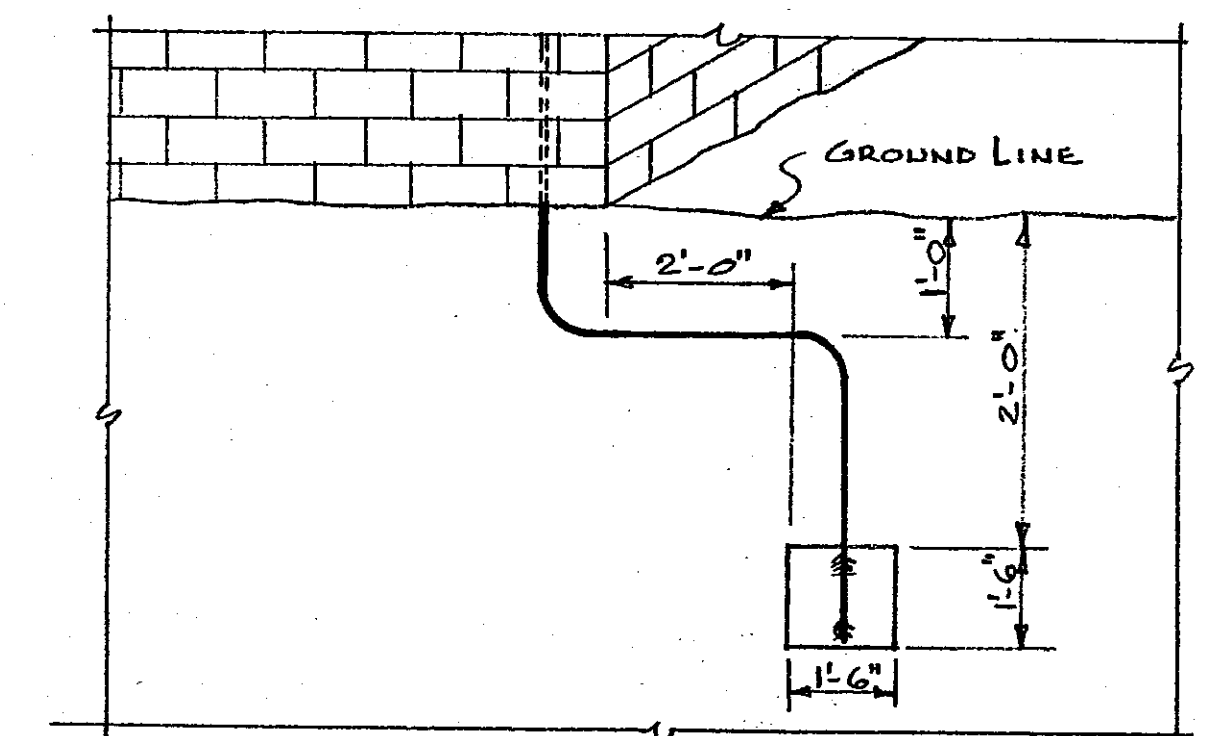
NOTES:
 ALL DOWN CONDUCTORS AND AIR TERMINAL GRID SYSTEM SHALL BE CONCEALED WITHIN THE BUILDING STRUCTURES IN SO FAR AS POSSIBLE WITH ONLY THE AIR TERMINALS EXPOSED OR SURFACE MOUNTED.
 CONDUCTOR SHALL BE PROTECTED WITH SUITABLE CONDUIT (RIGID) WHERE SUBJECT TO INJURY.

10-A



DETAIL OF GROUND
NO SCALE

10-B



DETAIL OF GROUND
NO SCALE

10-C

APPROVED BY: <i>W.F. McConnell</i> CHIEF OF ENGINEERING STAFF		DATE: 4/15/64
UNIVERSITY OF KENTUCKY Lexington, Kentucky	10	SHEET OF 11
Approved By: <i>[Signature]</i>	Date: 2-19-64	Date Drawn: DEC. 1963
Approved By: <i>[Signature]</i>	Date: 3/11/64	Drawn By: B. PASTER
Approved By: <i>[Signature]</i>	Date:	Designed By: J.M.W. - J.B.P.
Approved By:	Date:	DWR. NO.

HORTICULTURAL FIELD RESEARCH LABORATORY — SOUTH FARM

U-4681

Cab # Slot Document # 110 C-1 27002

ABBREVIATIONS

ABOVE FINISHED FLOOR
 MOUNTING HEIGHT
 WEATHER-PROOF
 CONDUIT
 OPEN CONDUIT WITH DRAG WIRE
 JUNCTION BOX
 ELECTRIC WATER COOLER
 EXHAUST FAN
 TELEPHONE
 LIGHT FIXTURE
 EMERGENCY
 FIRE ALARM
 CONTROL

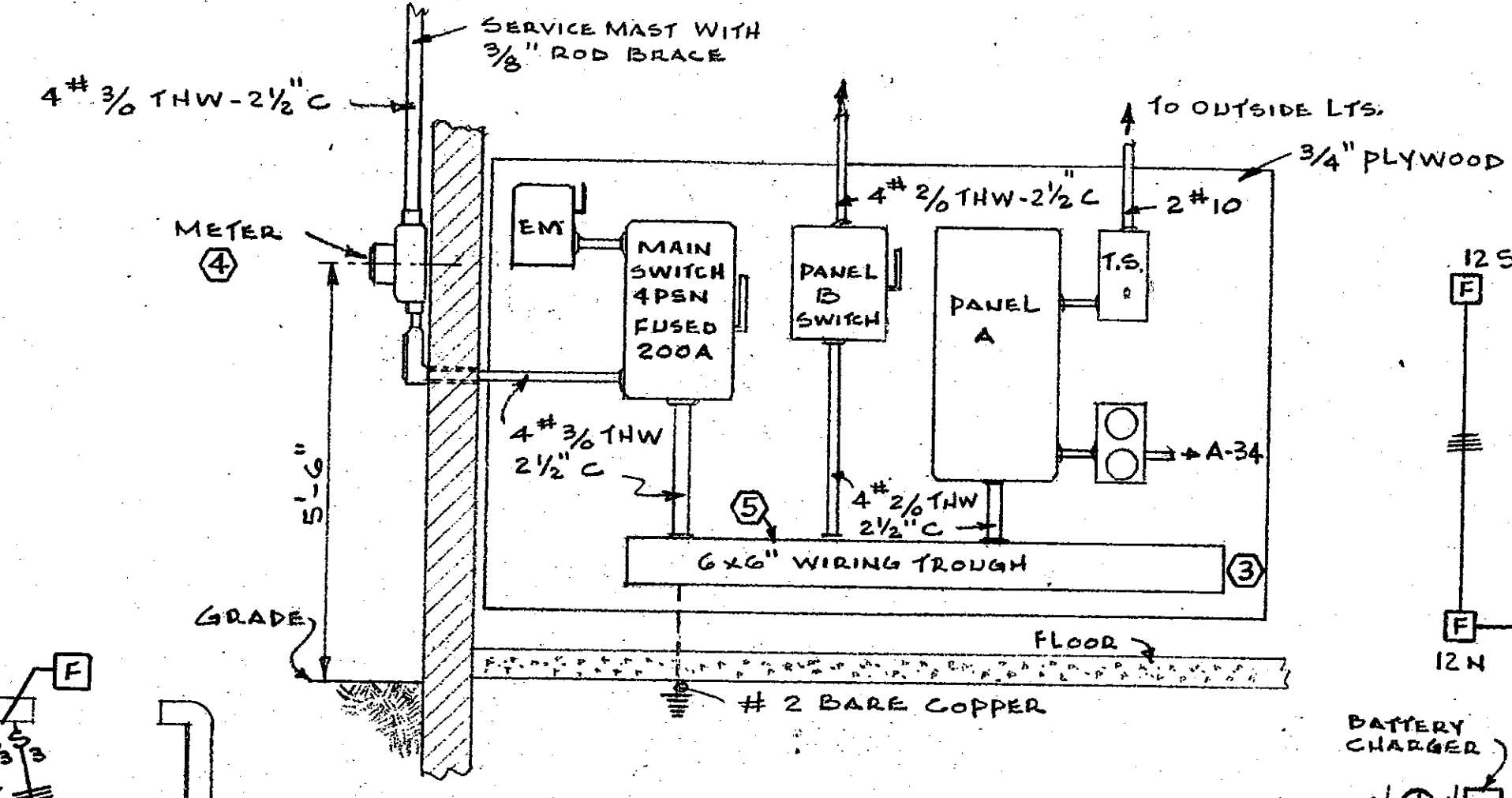
AFF
 MH
 WP
 C
 E.C.
 JB
 EWG
 EF
 TEL
 LF
 EM
 FA
 CTL

ELECTRICAL SYMBOLS

SINGLE POLE TOGGLE SWITCH - M.H. 4'-6" OR AS NOTED
 3-WAY TOGGLE SWITCH - M.H. 4'-6" OR AS NOTED
 4-WAY TOGGLE SWITCH - M.H. 4'-6" OR AS NOTED
 SINGLE POLE TOGGLE SWITCH - REMOTE CONTROL - M.H. 4'-6"
 MOTOR SWITCH - TOGGLE OPERATED - FLUSH
 TWIN CONVENIENCE OUTLET M.H. 1'-6" AFF, OR AS NOTED
 SINGLE CONVENIENCE OUTLET LOCATED IN CEILING
 3 WIRE RECEPTACLE 120/240 - AMP AS NOTED
 CEILING MOUNTED INCANDESCENT FIXTURE
 WALL BRACKET MOUNTED INCANDESCENT FIXTURE
 EXIT LIGHT (WALL MOUNTED)
 JUNCTION BOX
 A.C. MOTOR WITH H.P. INDICATION
 MANUAL FIRE ALARM STATION - M.H. 4'-6" OR AS NOTED
 FIRE ALARM HORN
 TELEPHONE OUTLET M.H. 1'-6" OR AS NOTED
 CONDUIT & CONDUCTORS (CONCEALED IN CEILING)
 CONDUIT & CONDUCTORS (UNDER FLOOR)
 SURFACE MOUNTED CONDUIT
 ELECTRICAL NOTE
 LOCK - 7'-6" AFF
 THERMO-DETECTOR (FIRE ALARM SYSTEM)
 COMBINATION MAGNETIC STARTER & FUSIBLE SWITCH
 SAFETY SWITCH
 THERMOSTAT - M.H. 5'-0" AFF AS INDICATED
 MULTIPLE OUTLET STRIP - SURFACE MTD.
 PANEL BOARD

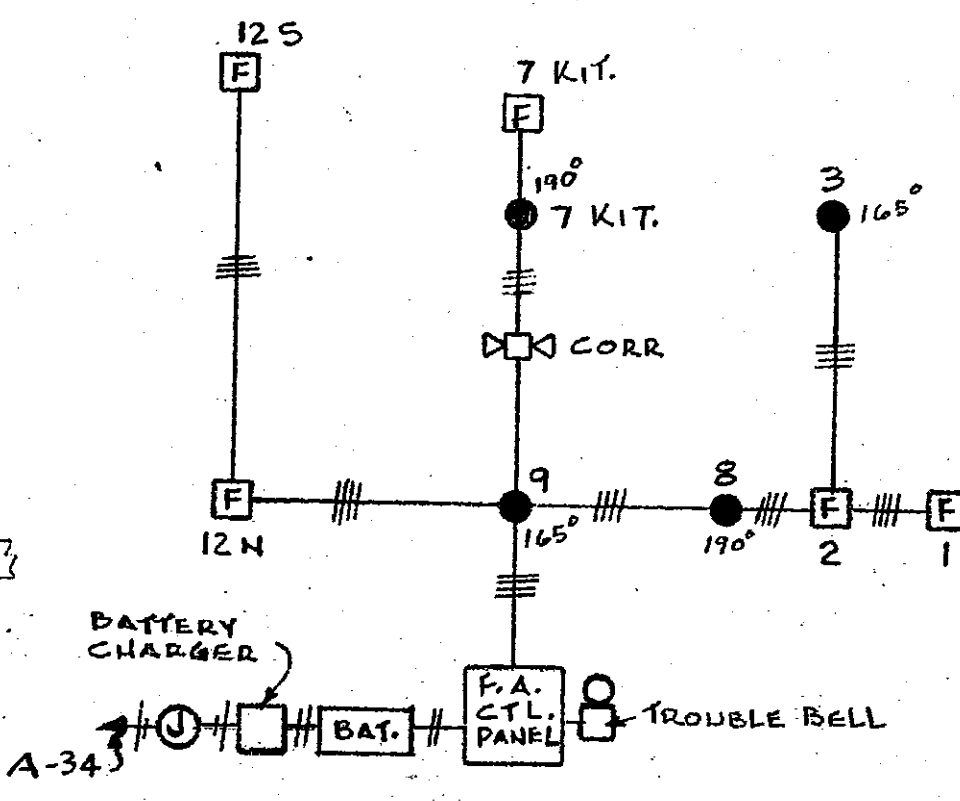
ELECTRICAL NOTES

- 1 MOUNT OUTSIDE L.T.S. AT HTS. INDICATED ON ELEVATIONS SHEET NO. 3. CONNECT ALL TO TIME SWITCH IN MECH. RM. NO. 8 - CIRCUIT NO. A-1
- 2 MOUNT EXIT LIGHT 4" TO BOTTOM ABOVE DOOR CASINGS.
- 3 EXTEND #3/8 BUS TO END OF WIREWAY. PROVIDE TAP-OFF OF PARALLEL TYPE WITH PREFORMED INSULATED COVERS, O.Z. TYPE "PTC"
- 4 METER SOCKET WILL BE PROVIDED AT & BY K.I.D. CO. METER DEPARTMENT.
- 5 PROVIDE OPENING IN WIREWAY FOR FUTURE A/C SERVICE - 3/4" C.
- 6 PROVIDE 3-3/4" E.C. STUBBED INTO ACCESSIBLE AREA ABOVE CLG. FOR SPARE CIRCUITS.
- 7 MOUNT W.P. OUTLETS ON OUTSIDE OF BUILDING 2'-6" ABOVE GRADE.
- 8 EXTENSION - FOR TEL. RINGER 7'-6" A.F.F.

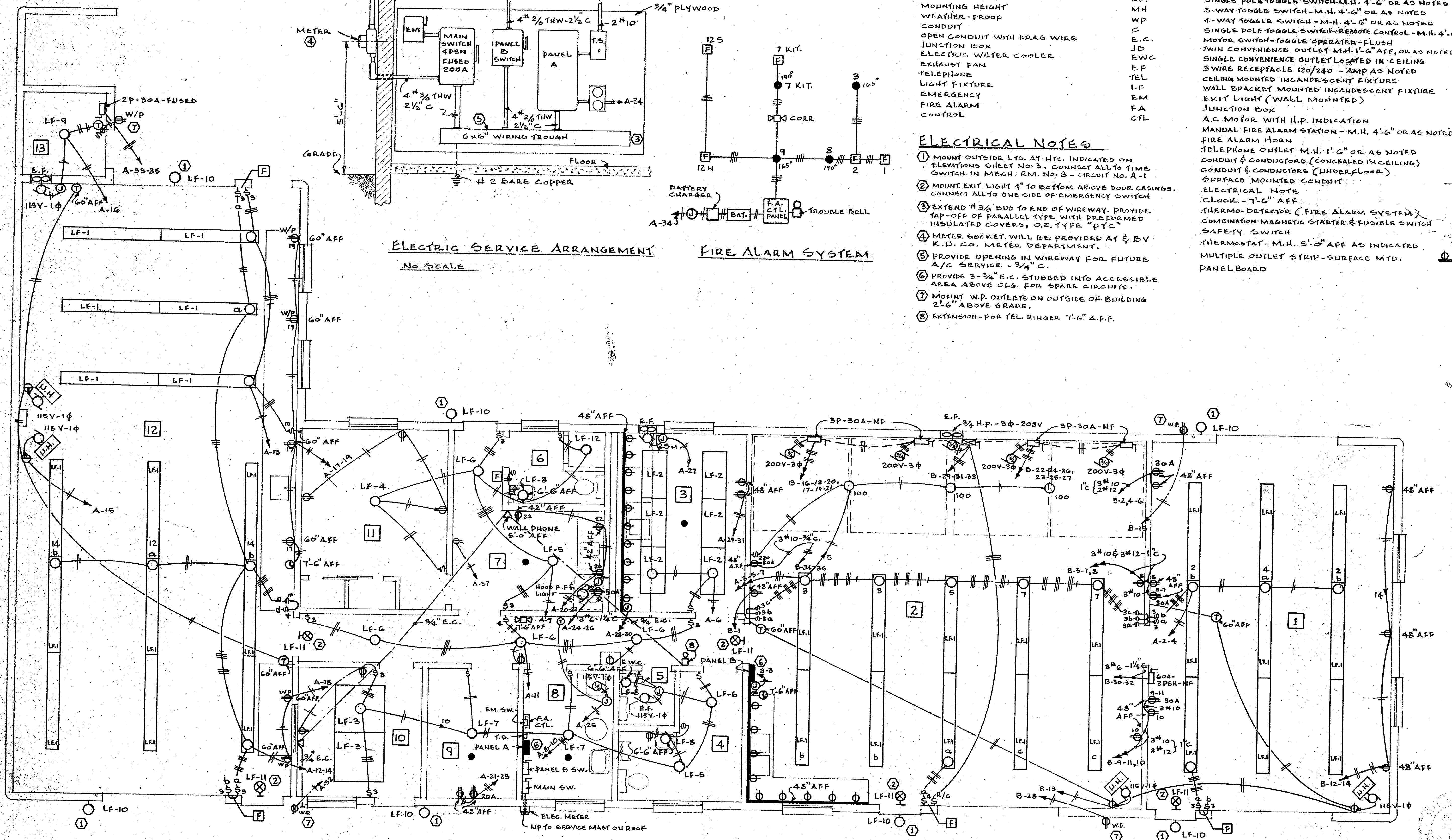


ELECTRIC SERVICE ARRANGEMENT

NO SCALE



FIRE ALARM SYSTEM



ELECTRICAL FLOOR PLAN & DETAILS

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

HORTICULTURAL FIELD RESEARCH LABORATORY — SOUTH FARM

APPROVED BY: <i>W.J. McConnell</i> CHIEF OF ENGINEERING STAFF	DATE: 4/15/65
UNIVERSITY OF KENTUCKY Lexington, Kentucky	SHEET OF 11
Approved By: <i>[Signature]</i> Date: 2-10-64	Date Drawn: Nov. 1963
Approved By: <i>[Signature]</i> Date: 2/19/65	Drawn By: B. EPSTEIN
Approved By: <i>[Signature]</i> Date: _____	Designed By: J.L. BOSTON
Approved By: _____ Date: _____	DWG. NO. _____

Cab # Slot Document # 110 C-1 27003
 U-4682