

GRILLE SCHEDULE				
ROOM NO	REGISTER SIZE	AIR DIFFUSERS NECK DIA.	QUAN.	TYPE
1	36" x 48"		1	G-1
1	10" x 6"		1	G-1
2	14" x 8"		1	G-1
3	14" x 8"		1	G-1
4	14" x 6"		1	G-1
7	14" x 6"		1	G-1
8	14" x 6"		1	G-1
9	14" x 6"		1	G-1
10	10" x 4"		1	G-1
10	16" x 12"		2	G-1
12	16" x 10"		1	G-1
13	16" x 6"		1	G-1
14	14" x 6"		1	G-1
15	14" x 6"		1	G-1
16	12" x 4"		1	G-1
17	12" x 8"		1	G-1
19	12" x 6"		1	G-1
B-2	8" x 4"		1	G-2
B-2	10" x 4"		1	G-2
B-3	20" x 4"		1	G-2
B-3	18" x 6"		1	G-2
B-3	18" x 4"		1	G-2
B-4	20" x 6"		1	G-2
B-5	8" x 4"		1	G-2
B-6	12" x 4"		1	G-2
B-9	20" x 6"		1	G-2
B-10	20" x 6"		1	G-2
B-11	14" x 6"		1	G-2
B-14	12" x 6"		2	G-2
B-15	14" x 6"		2	G-2
B-16	24" x 10"		2	G-2
B-17	24" x 10"		1	G-2

GRILLE TYPE SHOWN ON SHEET NO. A-3

Tracings at T.K.D.A. & Assoc.

NO.	DATE	BY	DESCRIPTION

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Registered ARCHITECT under the laws of the State of Minnesota.
Erald A. Anderson
 Date SEPTEMBER 16, 1966 Reg. No. 685

TKDA
 ARCHITECTS ENGINEERS
 ST. PAUL MINNESOTA

DESIGNED
 DRAWN R.W. GAE.
 CHECKED

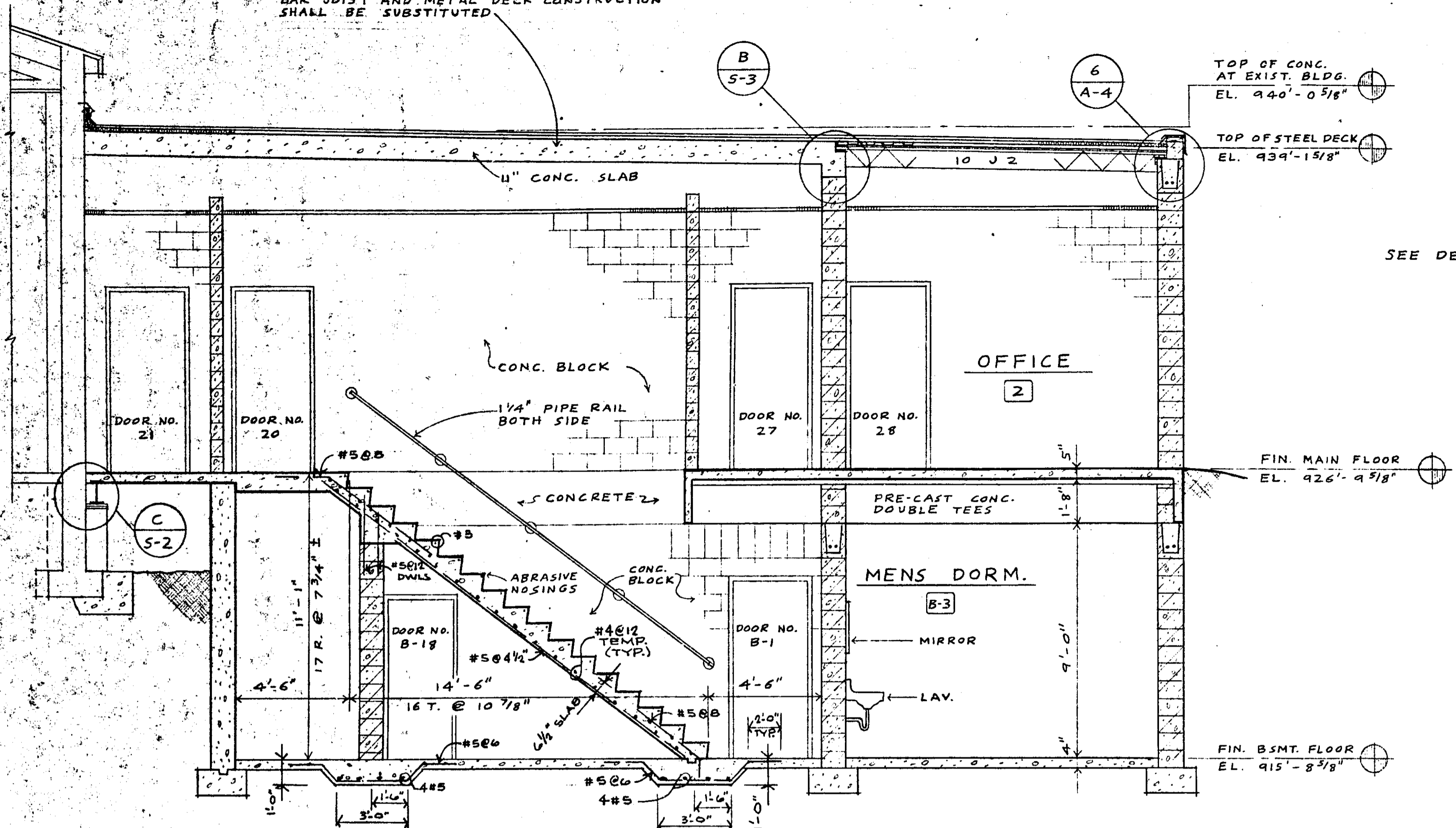
SITE PLAN & ELEVATIONS

COM. 5033
 DRG. A-1

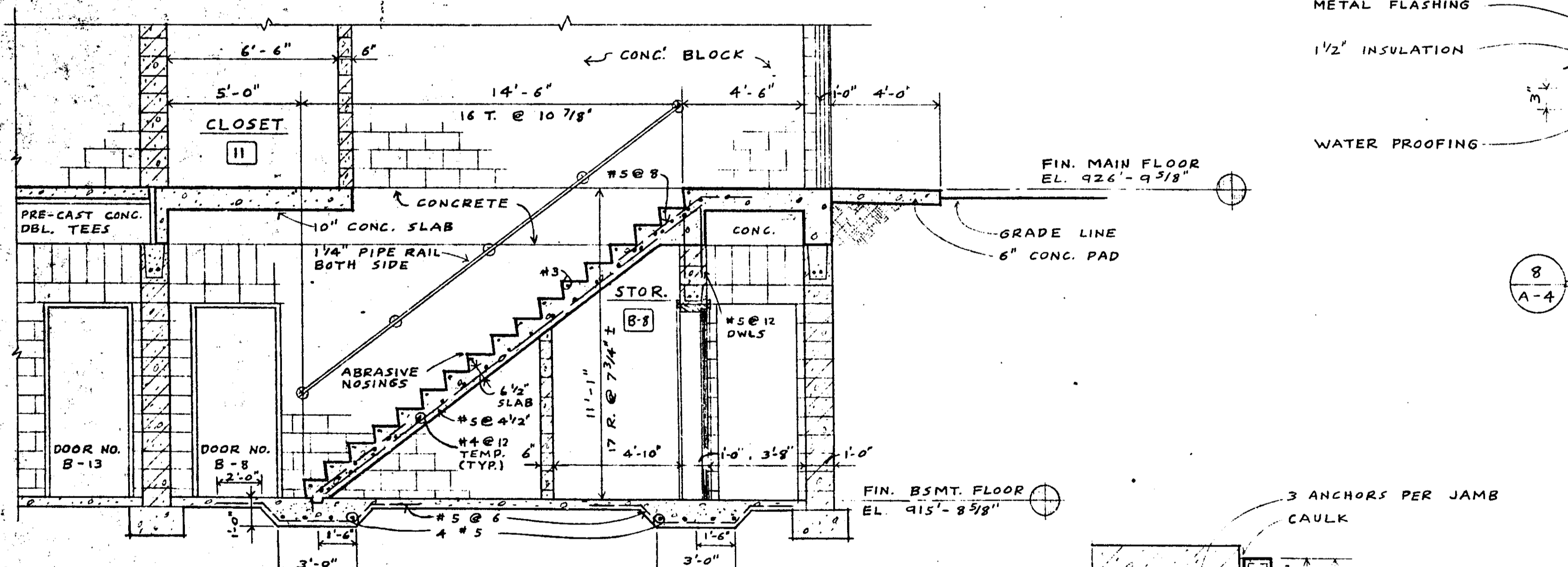
ADDITION TO RAMSEY COUNTY GARAGE FOR COUNTY ENGINEER AND EMERGENCY OPERATING CENTER FOR RAMSEY COUNTY CIVIL DEFENSE RAMSEY COUNTY MINNESOTA

MICROFILMED
 RAMSEY CO. ENGR.

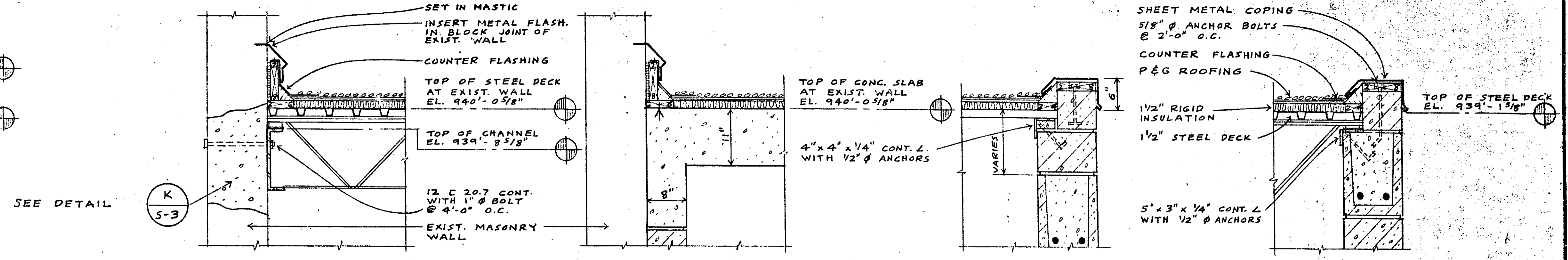
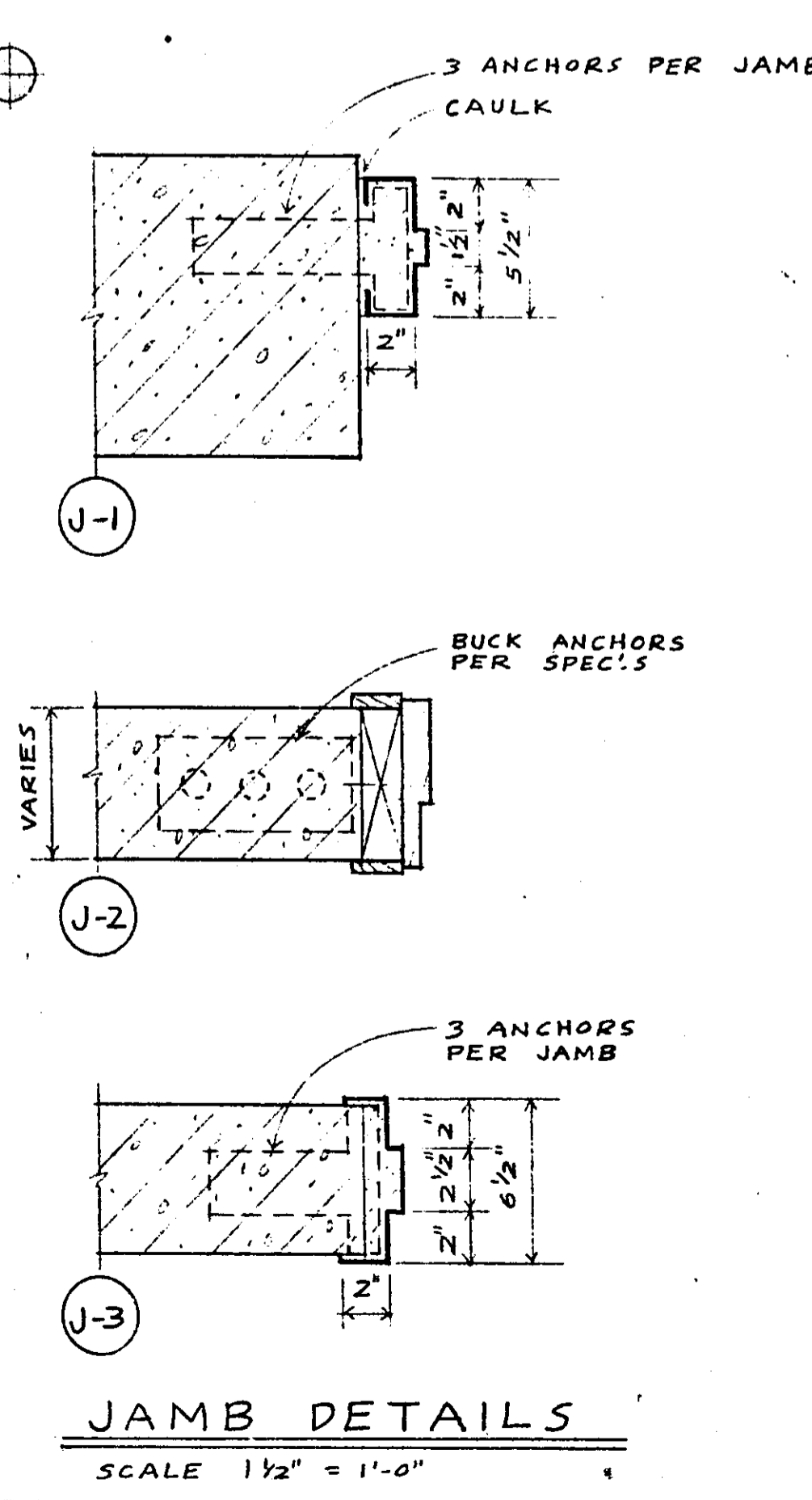
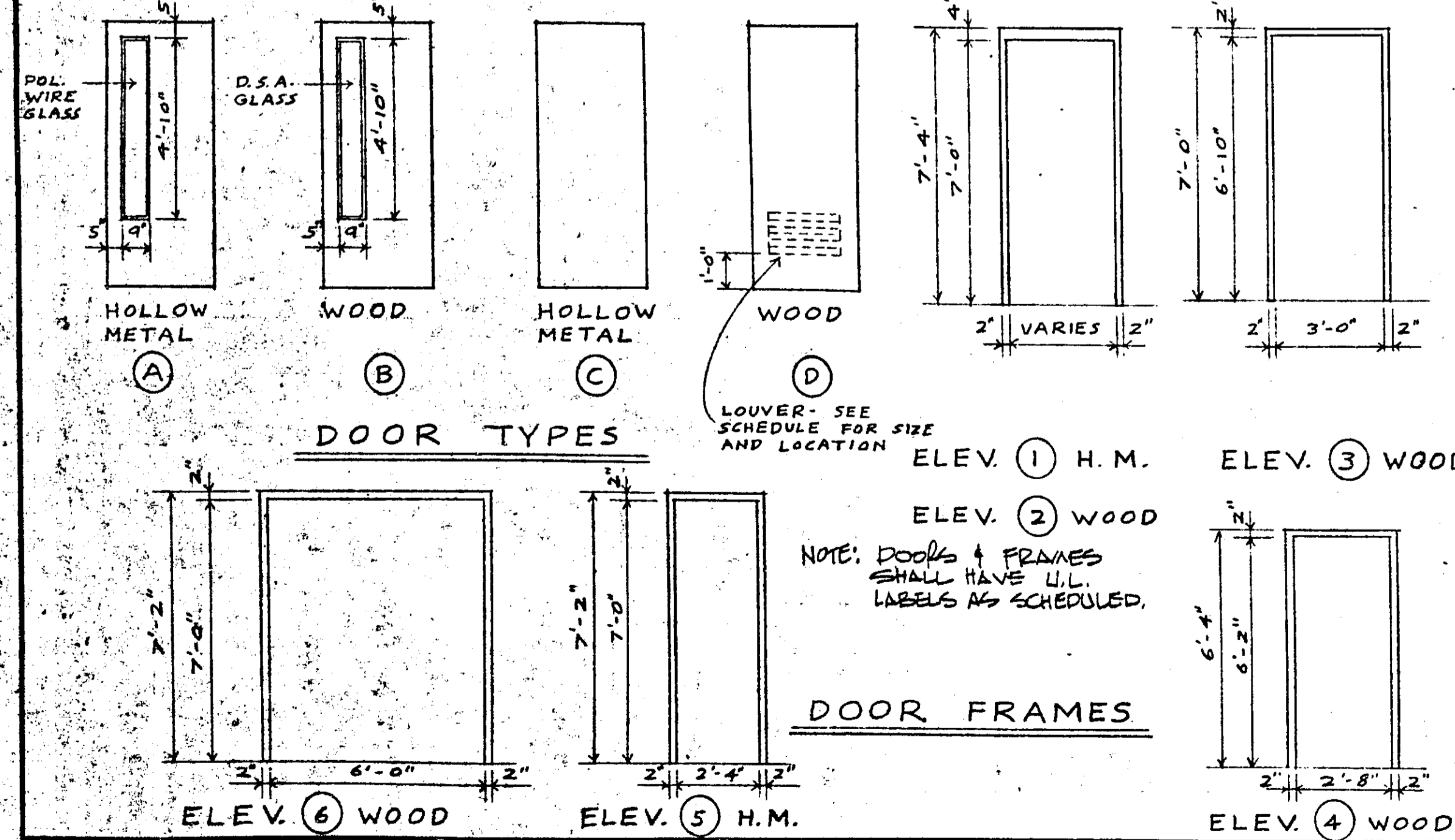
IF BUILDING IS BUILT WITHOUT E.O.C., (PROPOSAL NO. 2) THIS SLAB OVER "HARDENED" AREA SHALL BE OMITTED AND BAR JOIST AND METAL DECK CONSTRUCTION SHALL BE SUBSTITUTED.



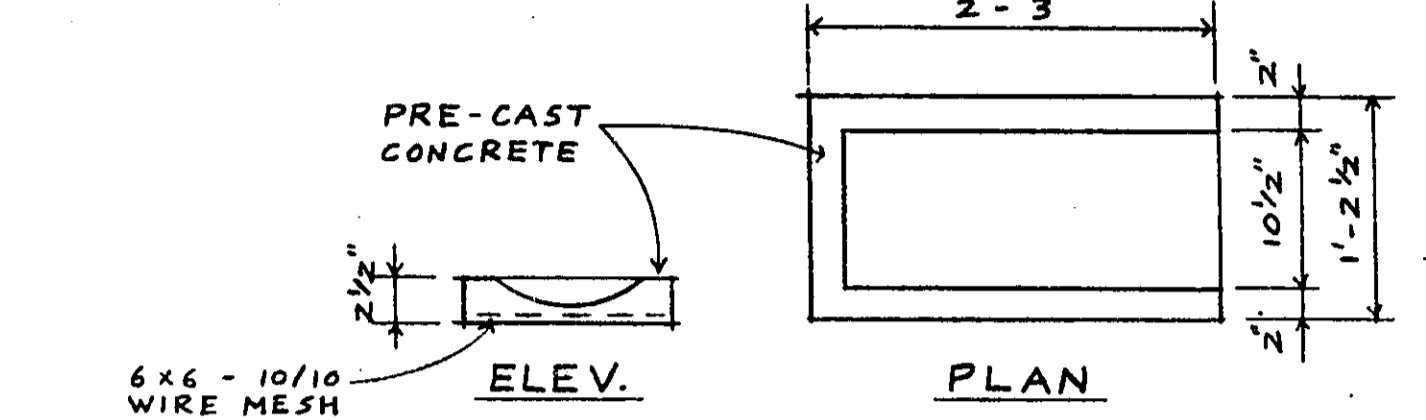
1 SECTION THRU STAIR "B" A-4 SCALE 1/4" = 1'-0"



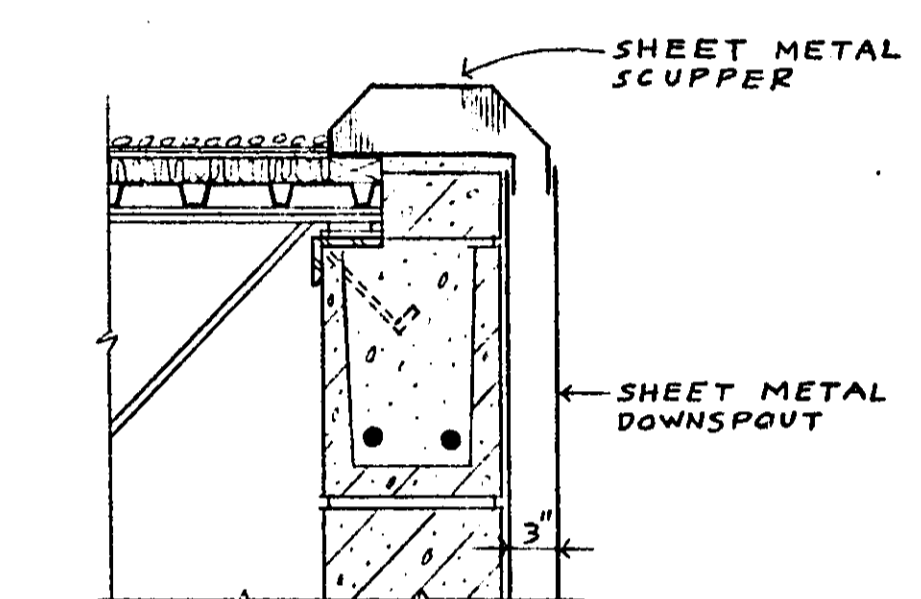
2 SECTION THRU STAIR "A" A-4 SCALE 1/4" = 1'-0"



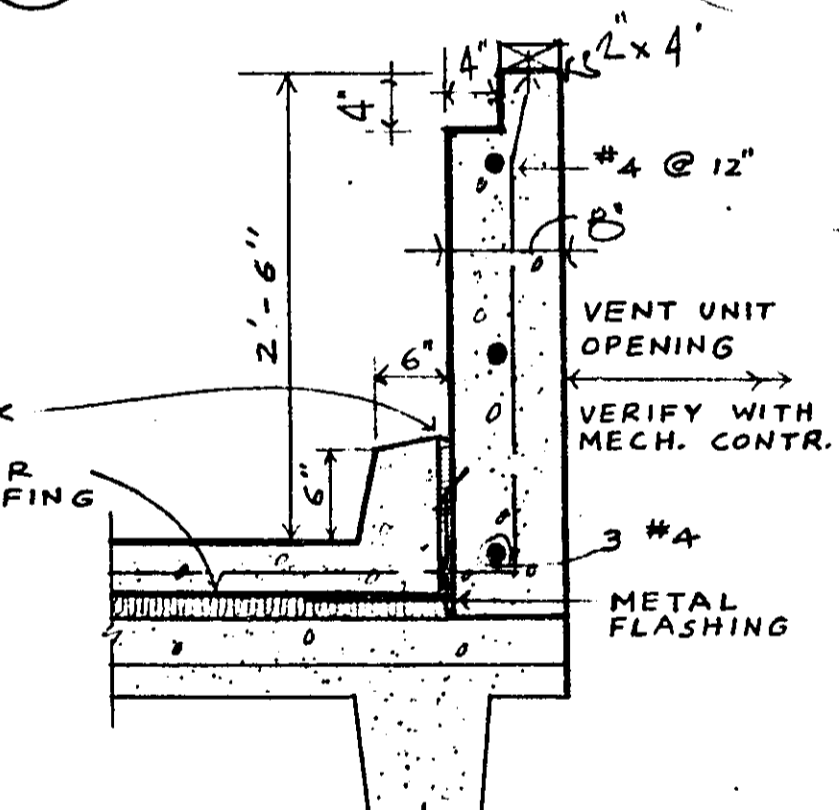
3 ROOF FLASHING DETAIL A-4 SCALE 3/4" = 1'-0"
 4 ROOF FLASHING DETAIL A-4 SCALE 3/4" = 1'-0"
 5 COPING DETAIL A-4 SCALE 3/4" = 1'-0"
 6 COPING DETAIL A-4 SCALE 3/4" = 1'-0"



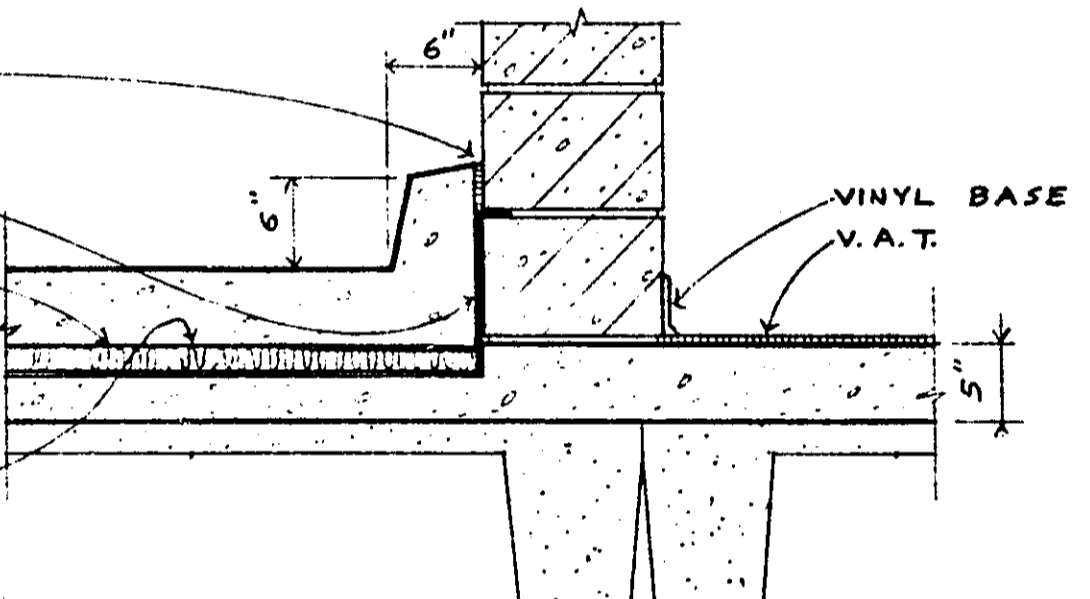
7 SPLASH BLOCK DETAIL A-4 SCALE 3/4" = 1'-0"



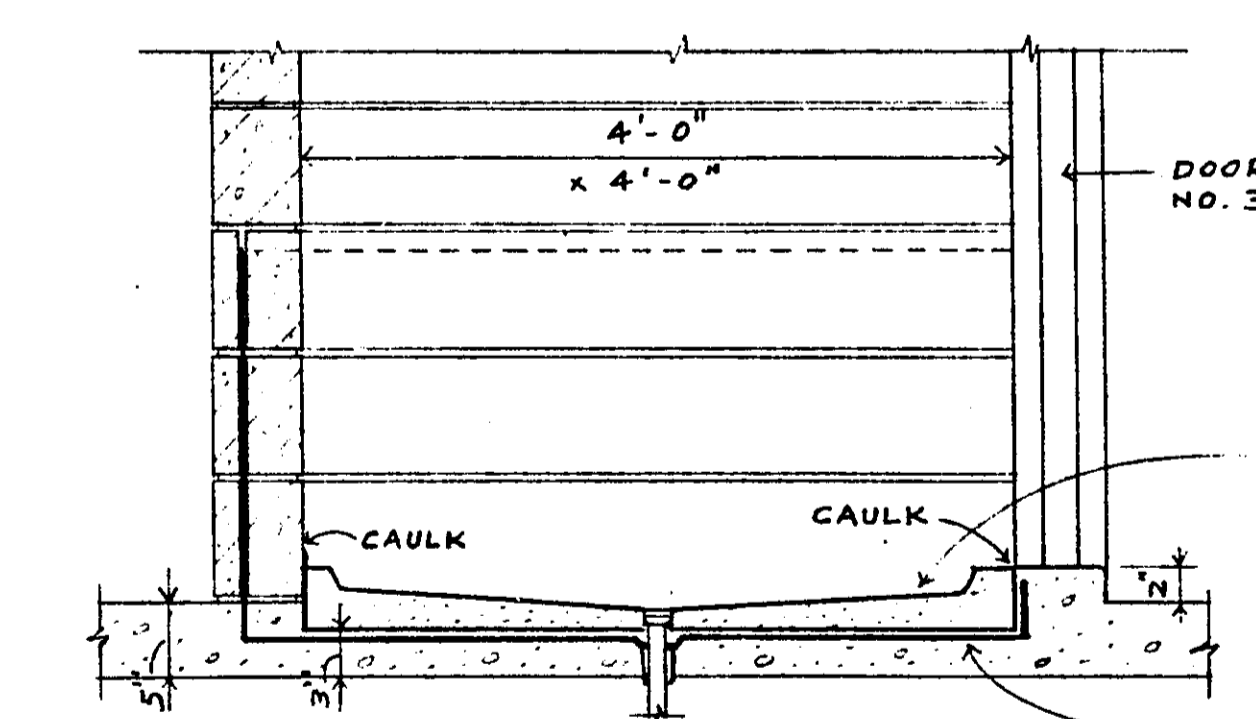
8 CURB DETAIL AT BASEMENT ROOF A-4 SCALE 3/4" = 1'-0"



18 SCUPPER DETAIL A-4 SCALE 3/4" = 1'-0"

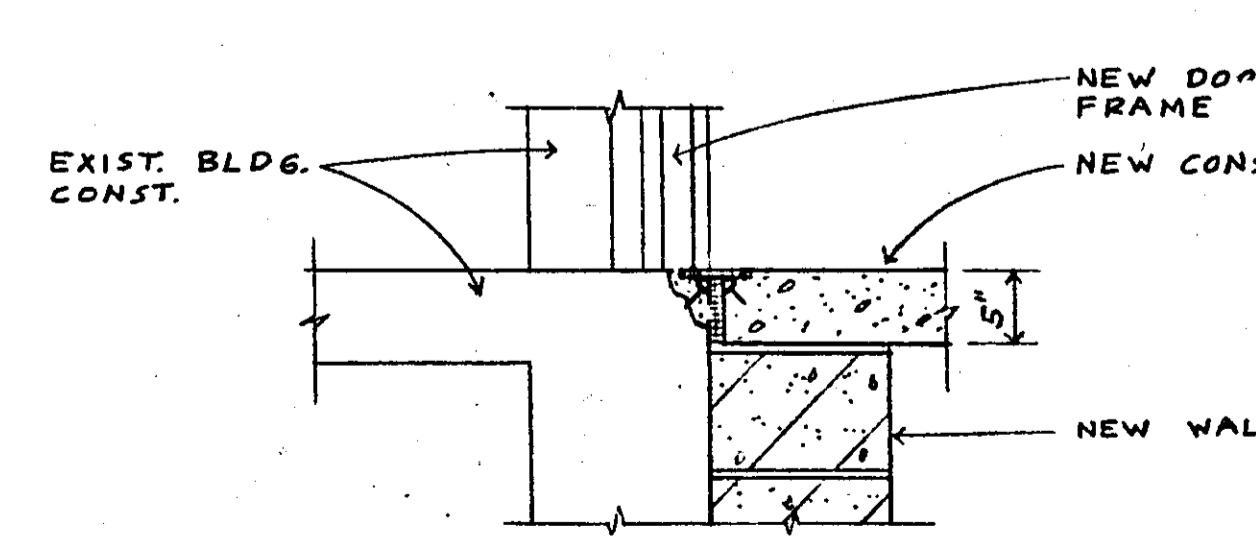


8 CURB DETAIL AT BASEMENT ROOF A-4 SCALE 3/4" = 1'-0"

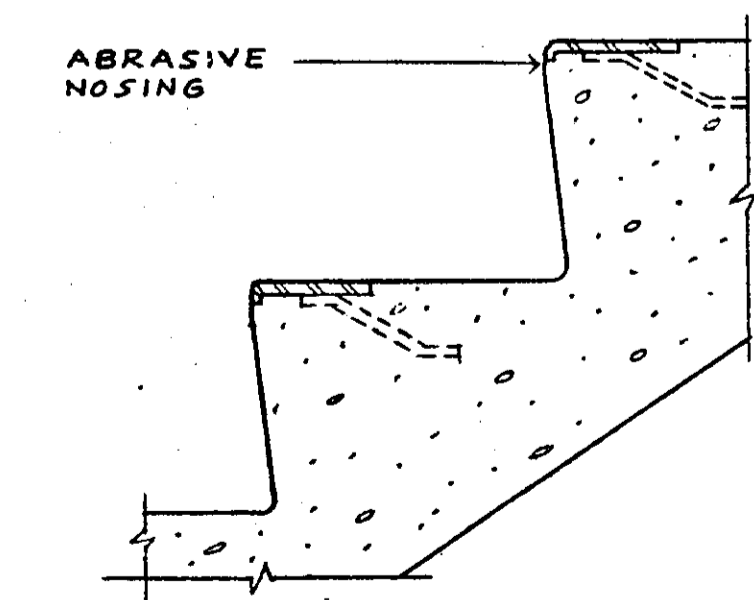


19 CURB DETAIL AT MECH. POWER ROOF VENT A-4 SCALE 3/4" = 1'-0"

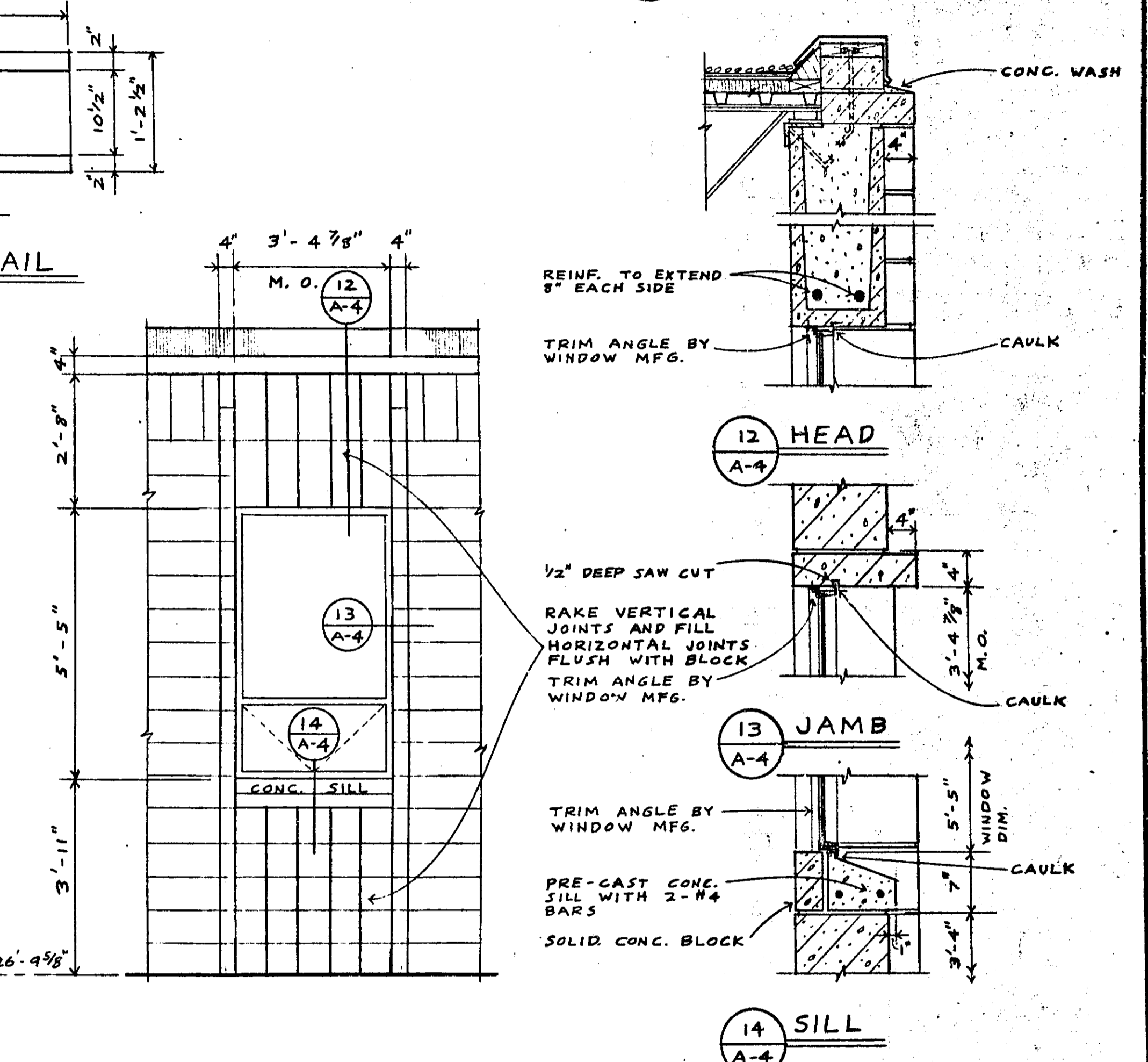
9 SHOWER CURB DETAIL A-4 SCALE 3/4" = 1'-0"



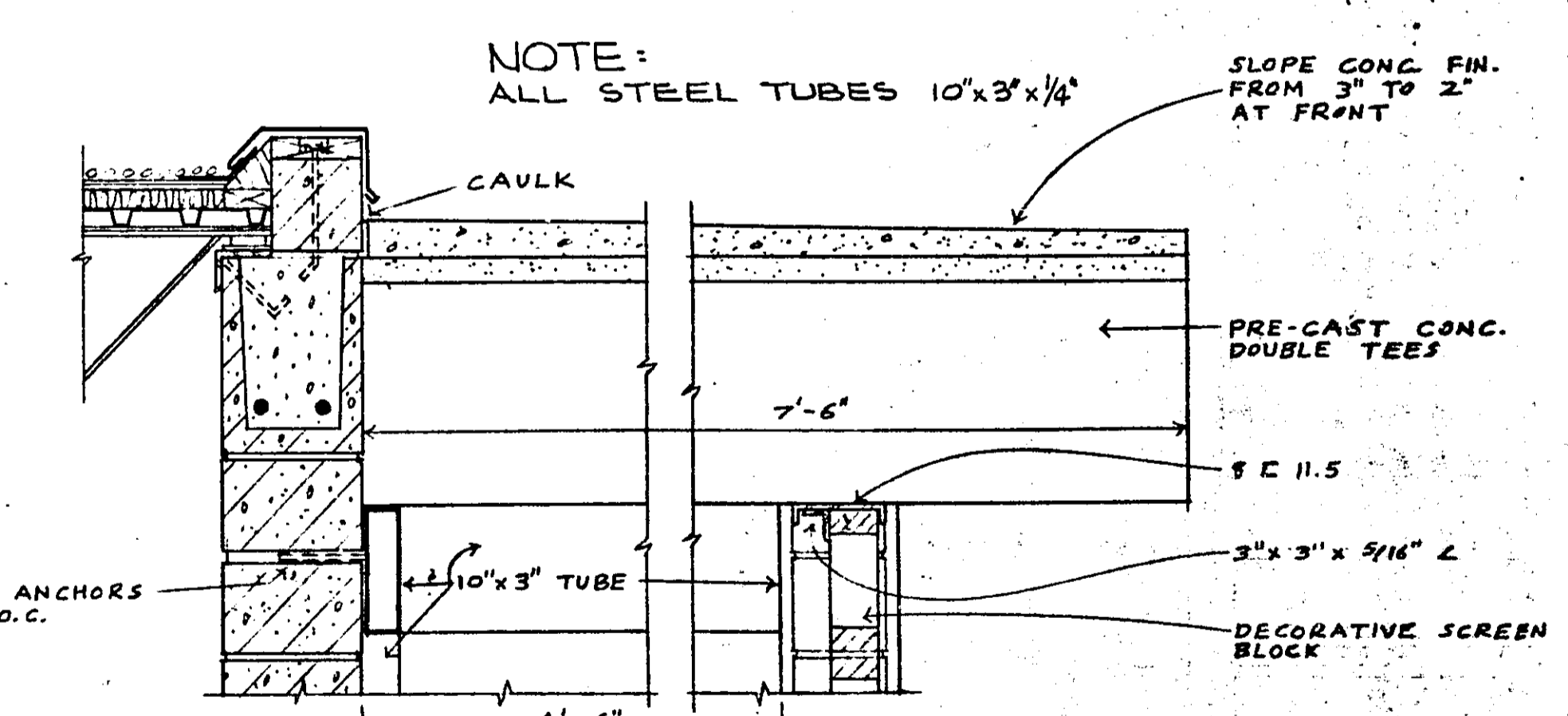
10 FLOOR EXP. JT. DETAIL A-4 SCALE 3/4" = 1'-0"



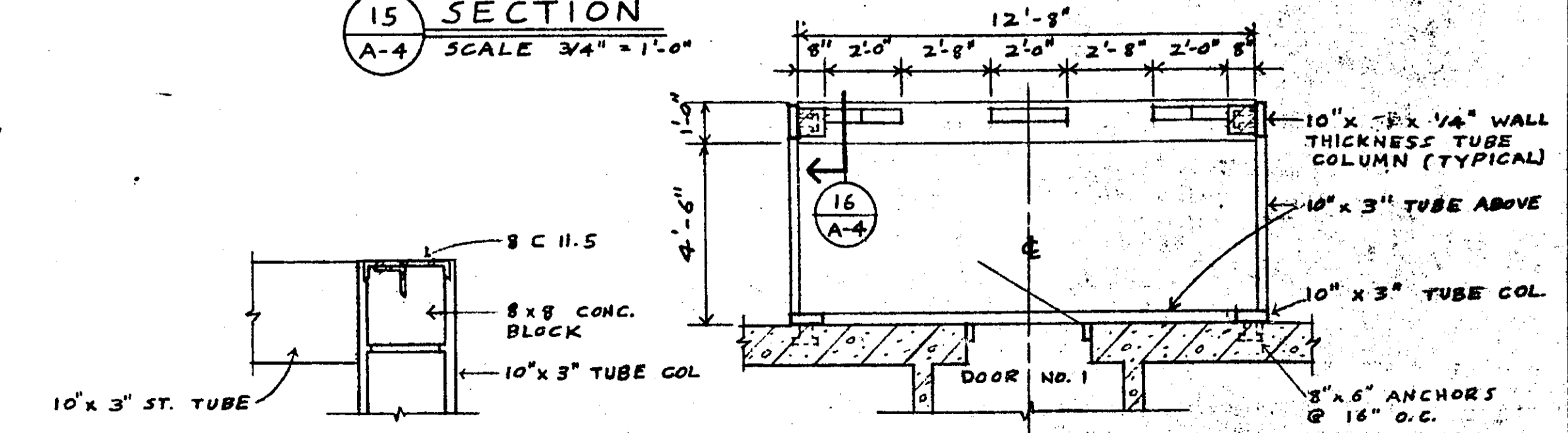
20 TREAD & RISER DETAIL A-4 SCALE 1 1/2" = 1'-0"



11 TYPICAL WINDOW ELEV. A-4 SCALE 3/8" = 1'-0"
 WINDOW DETAILS A-4 SCALE 3/4" = 1'-0"



15 SECTION A-4 SCALE 3/4" = 1'-0"



16 DETAIL A-4 SCALE 3/4" = 1'-0"
 17 PLAN A-4 SCALE 1/8" = 1'-0"

CANOPY DETAILS NOTE: CLOSE ALL OPEN ENDS OF TUBES MICROFILMED RAASCT, J. ENGR.

NO.	DATE	BY	DESCRIPTION

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Registered ARCHITECT under the laws of the State of Minnesota.
Serald A. Anderson
 Date SEPTEMBER 16, 1966 Reg. No. 685

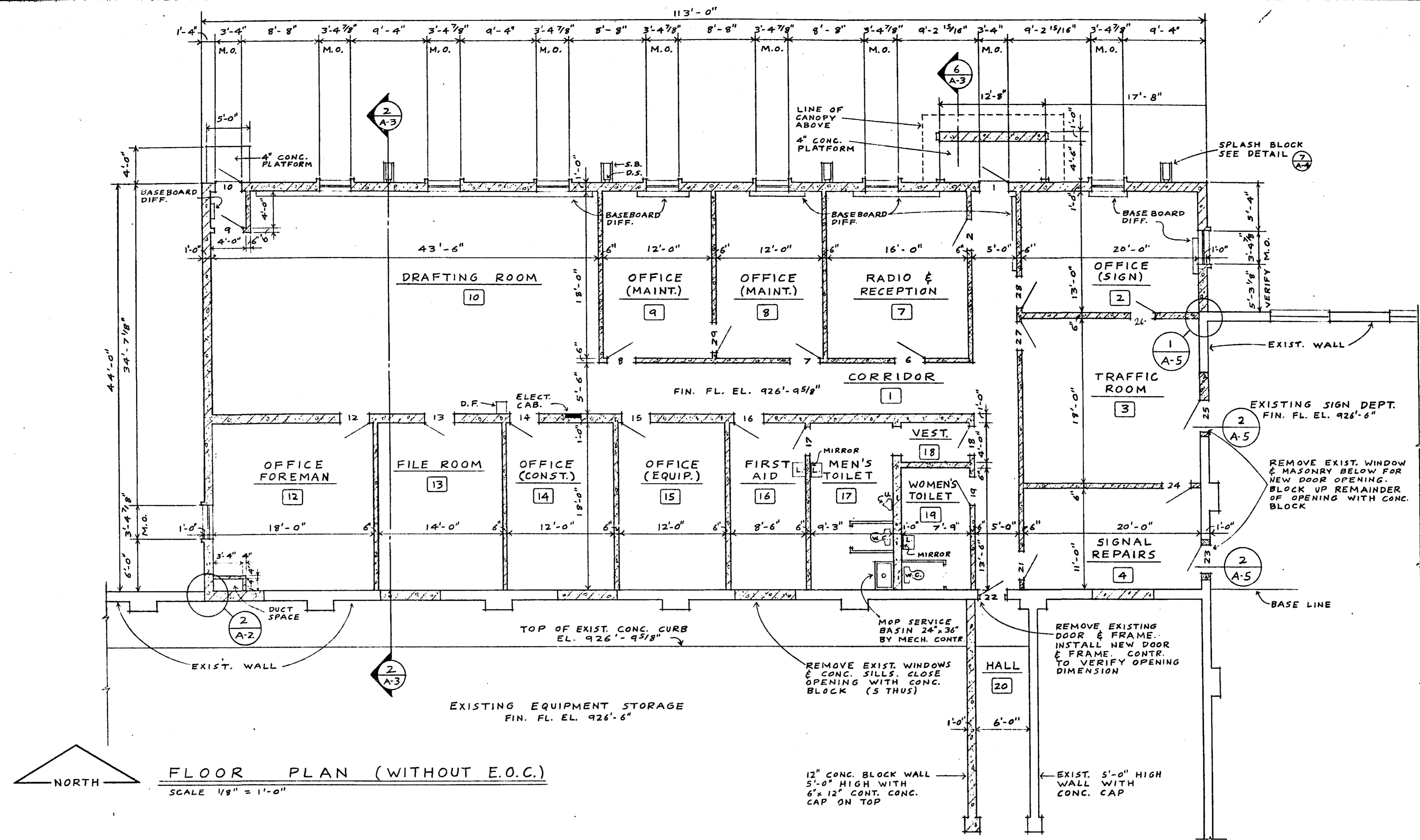
TKDA
 ARCHITECTS ENGINEERS
 ST. PAUL MINNESOTA

DESIGNED BY R.W. C.K. CHECKED

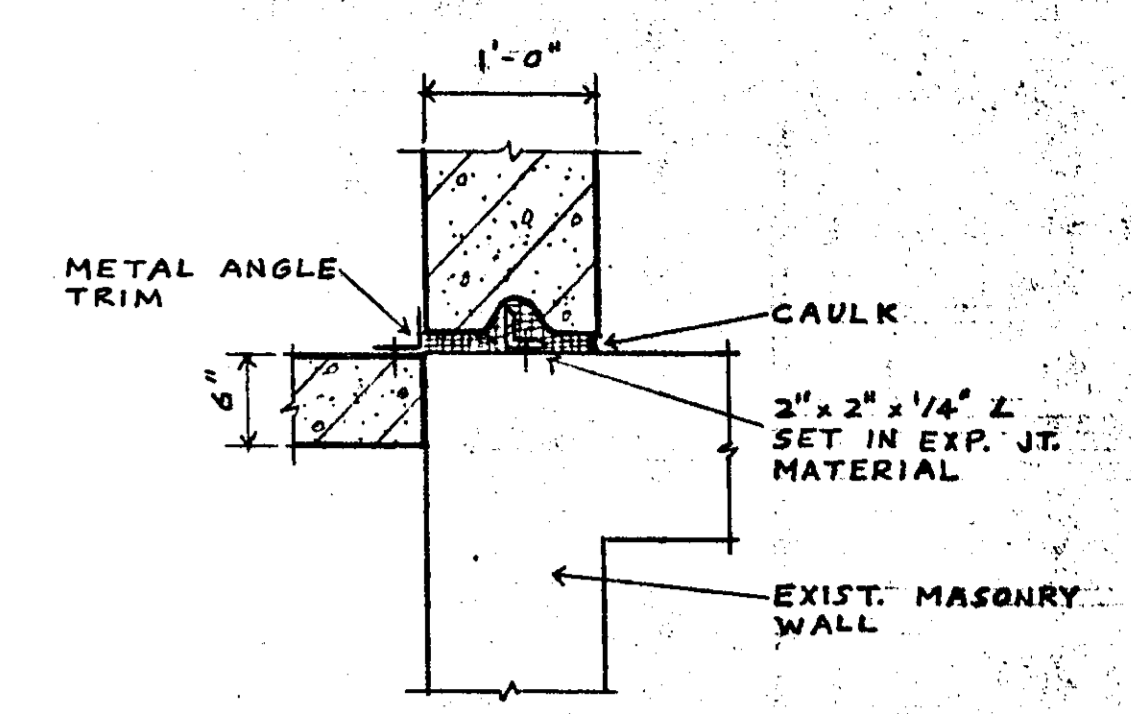
SECTIONS & DETAILS

COM. 5033 DRG. A-4

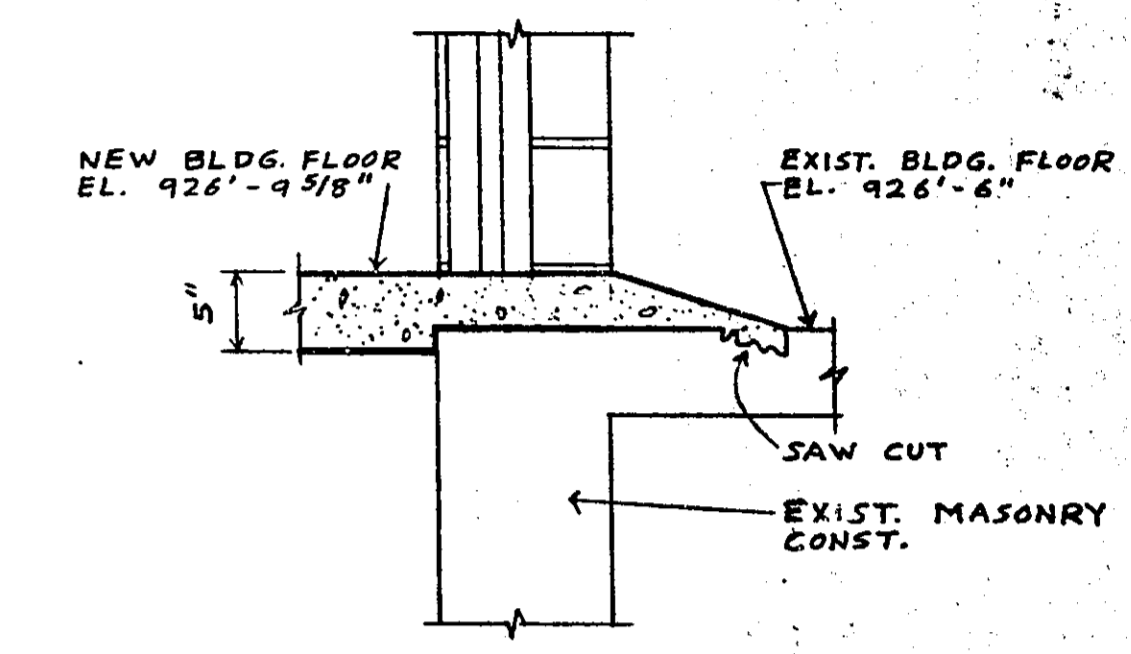
ADDITION TO RAMSEY COUNTY GARAGE FOR COUNTY ENGINEER AND EMERGENCY OPERATING CENTER FOR RAMSEY COUNTY CIVIL DEFENSE RAMSEY COUNTY MINNESOTA



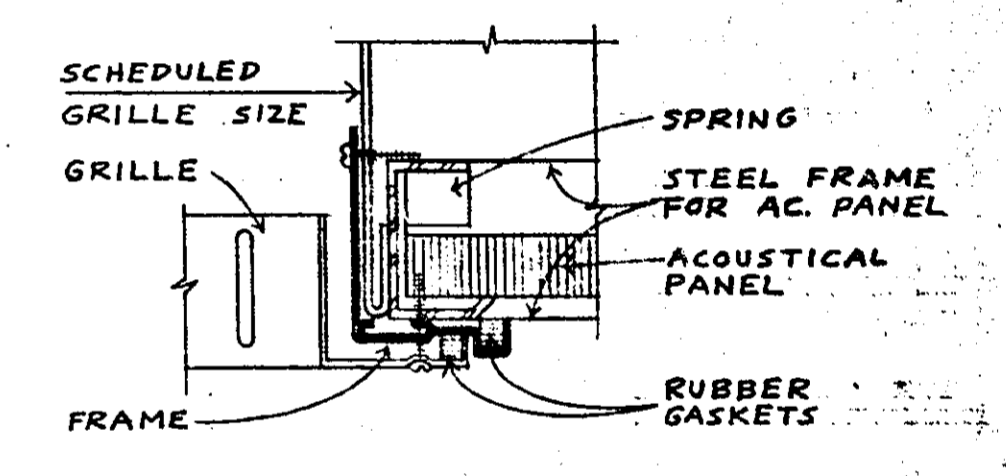
FLOOR PLAN (WITHOUT E.O.C.)
SCALE 1/8" = 1'-0"



1 WALL EXP. JT. DETAIL
SCALE 3/4" = 1'-0"



2 THRESHOLD DETAIL
SCALE 3/4" = 1'-0"



TYPE G-1 - CEILING

AIR DIFFUSERS PLASTER RINGS
FURNISHED BY MECHANICAL
CONTRACTOR SET BY GENERAL
CONTRACTOR.

TYPE G-2 - CEILING

GRILLE FRAME DETAILS
SCALE HALF SIZE

ROOM NO.	REGISTER SIZE	AIR DIFFUSER NECK DIA.	QUAN.	TYPE
1	10" x 6"		2	G-1
2	14" x 8"		1	G-1
3		10" DIA.	1	G-2
3	16" x 10"		1	G-1
4		8" DIA.	1	G-2
4	14" x 8"		1	G-1
7	16" x 8"		1	G-1
8	14" x 6"		1	G-1
9	14" x 6"		1	G-1
10	18" x 12"		2	G-1
10	8" x 4"		1	G-1
12	16" x 10"		1	G-1
12		10" DIA.	1	G-2
13	16" x 6"		1	G-1
13		8" DIA.	1	G-2
14	14" x 6"		1	G-1
14		8" DIA.	1	G-2
15	14" x 6"		1	G-1
15		8" DIA.	1	G-2
16	10" x 4"		1	G-1
16		6" DIA.	1	G-2
17		6" DIA.	1	G-2
17	12" x 8"		1	G-1
19		6" DIA.	1	G-2
19	12" x 6"		1	G-1
1	24" x 48"		1	G-1

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly registered ARCHITECT under the laws of the State of Minnesota. <i>Serald A. Anderson</i> Date: SEPTEMBER 16, 1966 Reg. No. 685		
NO.	DATE	DESCRIPTION

FKDA
ARCHITECTS ENGINEERS
ST. PAUL MINNESOTA

TOLZ KING DUVAL ANDERSON ARCHITECTS

DESIGNED BY
DRAWN BY
CHECKED BY

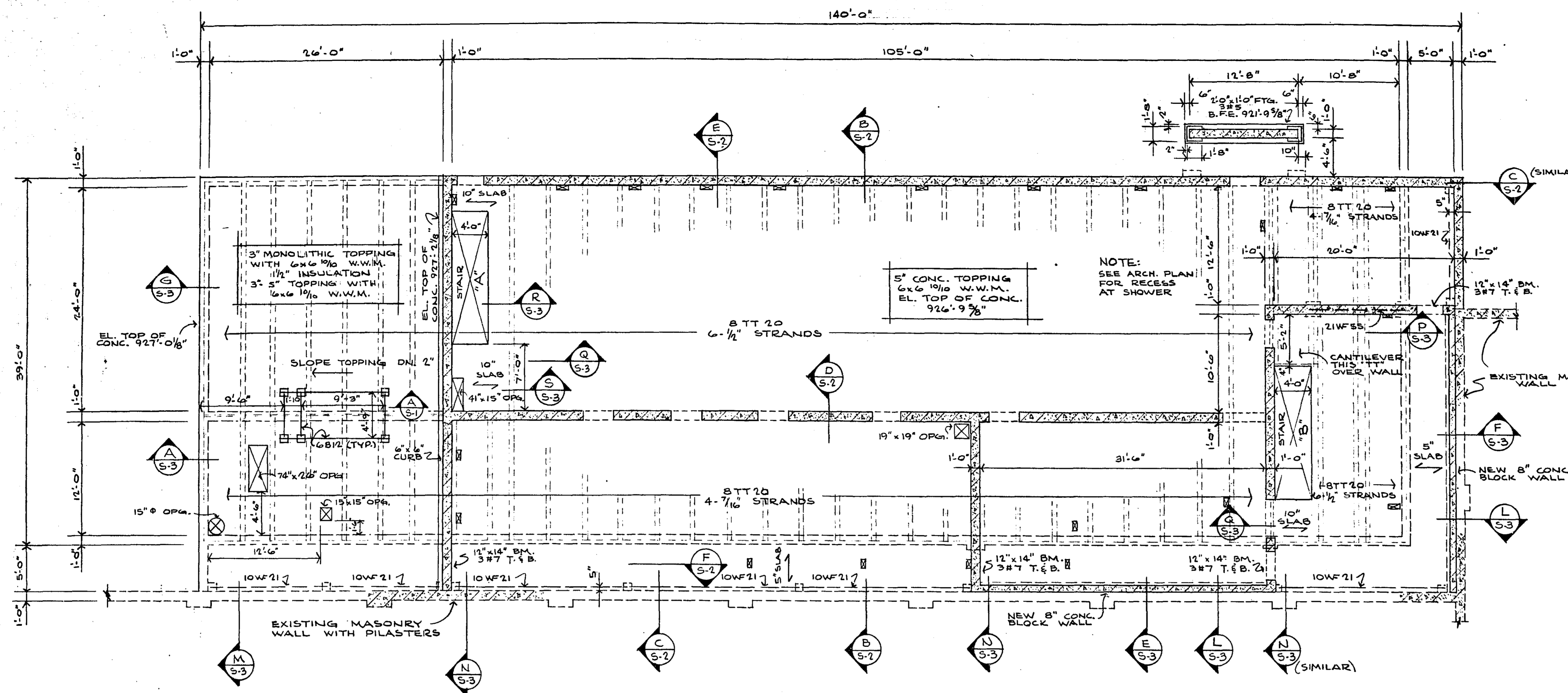
ALTERNATE FLOOR PLAN

COM. 5033
DRG. A-5

ADDITION TO RAMSEY COUNTY GARAGE FOR COUNTY ENGINEER AND EMERGENCY OPERATING CENTER FOR RAMSEY COUNTY CIVIL DEFENSE
RAMSEY COUNTY MINNESOTA

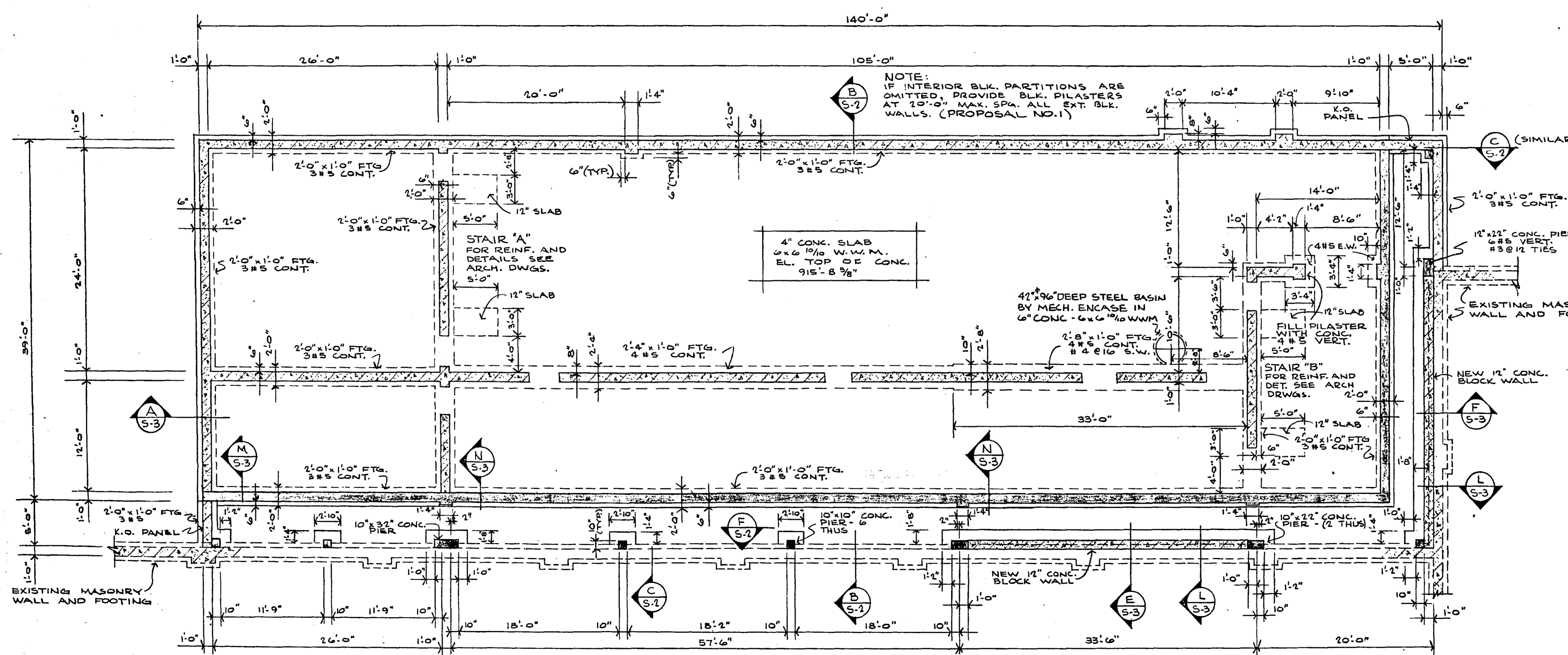
MICROFILMED
RAMSEY CO. ENGR.

6875

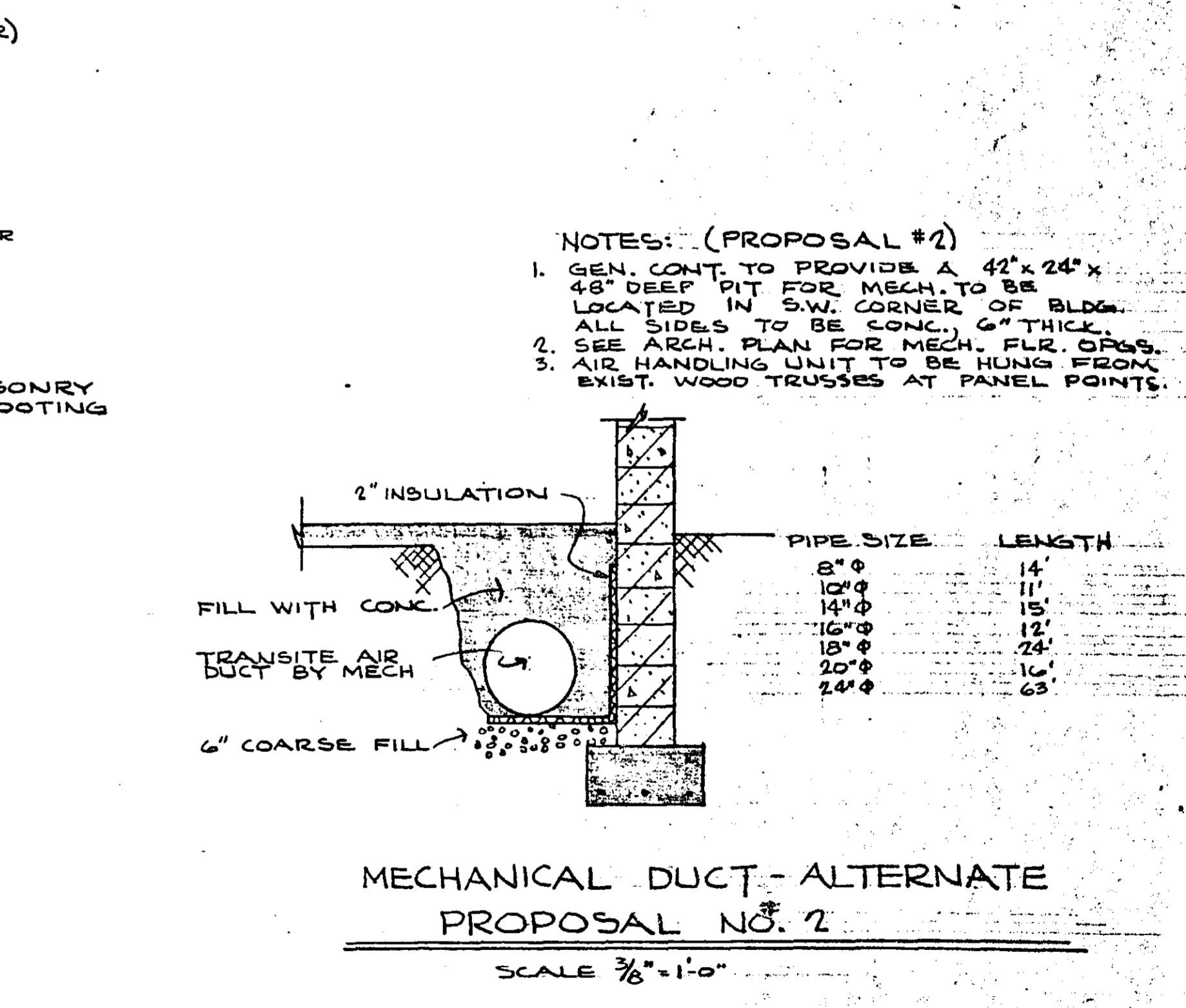
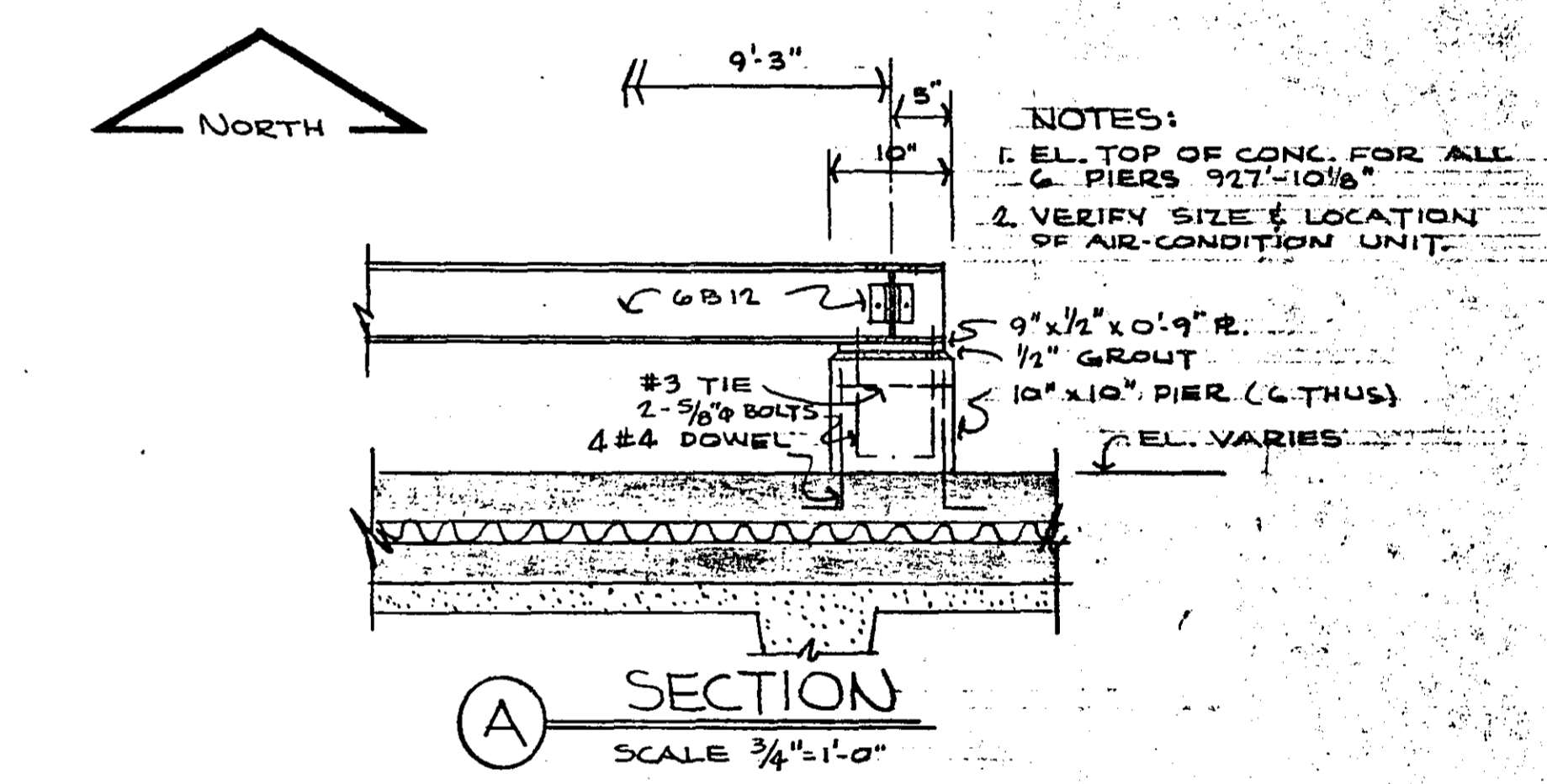


MAIN FLOOR PLAN
SCALE 1/8" = 1'-0"

- STRUCTURAL NOTES:**
- 1) ALL FOOTINGS TO REST ON UNDISTURBED SOIL OR PROPERLY COMPACTED BACKFILL.
 - 2) ALL SOIL PRESSURE 4000 P.S.F.
 - 3) UNLESS OTHERWISE SHOWN, THE MINIMUM CONCRETE COVER FOR REINFORCING STEEL SHALL BE AS FOLLOWS:
FOOTINGS - 3"
WALLS - 2"
BEAMS AND COLUMNS - 1 1/2"
FLOOR SLABS - 1 1/2"
MESH TO BE LOCATED AT CENTER OF SLABS.
 - 4) ALL DOWELS SHOWN FROM FOOTINGS, SLABS OR WALLS SHALL HAVE MINIMUM 20 DIA. ANCHORAGE INTO CONCRETE AND SHALL HAVE A MINIMUM OF 24 DIA. LAP AT SPLICES.
 - 5) ALL OUTSIDE FACE HORIZONTAL WALL REINFORCING STEEL TO BE CONTINUOUS AROUND CORNERS.
 - 6) ALL POURED CONCRETE TO BE F'c = 3000 P.S.I. @ 28 DAYS.
 - 7) CONTRACTOR MUST VERIFY ALL EXISTING BUILDING DIMENSIONS.
 - 8) CONTRACTOR MUST SHORE EXISTING BUILDING DURING CONSTRUCTION TO INSURE THAT IT IS NOT DAMAGED.
 - 9) SHORING SHALL NOT BE REMOVED UNTIL CONCRETE FOUNDATION WALL IS POURED AND ALLOWED TO SET. PRECAST FLOOR PANELS ARE IN PLACE AND WELDED SECURELY AND BASEMENT SLAB IS POURED.
 - 10) WHEN SHORING IS BEING REMOVED, PROPERLY COMPACTED BACKFILL SHALL BE PLACED TO INSURE THE SAFETY OF THE EXISTING BUILDING.
 - 11) LOCATION OF ALL OPENINGS AND SLEEVES TO BE VERIFIED WITH THE MECHANICAL CONTRACTOR.
 - 12) ALL STEEL DECK TO BE WELDED SECURELY TO ALL SUPPORTING MEMBERS.
 - 13) EXPOSED BASEMENT SHALL HAVE INSULATION AND WATER PROOFING. COVER WATERPROOFING MEMBRANE WITH 1/4" TO 1/2" OF DRY SAND AND A LAYER OF WATER PROOF PAPER BEFORE APPLICATION OF CONCRETE TOPPING. THE 3" TO 5" THICKNESS OF THE TOPPING SHALL INCLUDE THE THICKNESS OF THE SAND LAYER.



BASEMENT AND FOOTING PLAN
SCALE 1/8" = 1'-0"



NO.	DATE	BY	DESCRIPTION

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Registered PROFESSIONAL ENGINEER under the laws of the State of Minnesota.
Dorville E. Wright
Date: SEPTEMBER 16, 1966 Reg. No. 2007

TOLTZ, KING, DUVALL, ANDERSON AND ASSOCIATES, INC.
ST. PAUL, MINNESOTA
ENGINEERS AND ARCHITECTS

DESIGNED R.D.S.
DRAWN R.D.S.
CHECKED O.K.W.

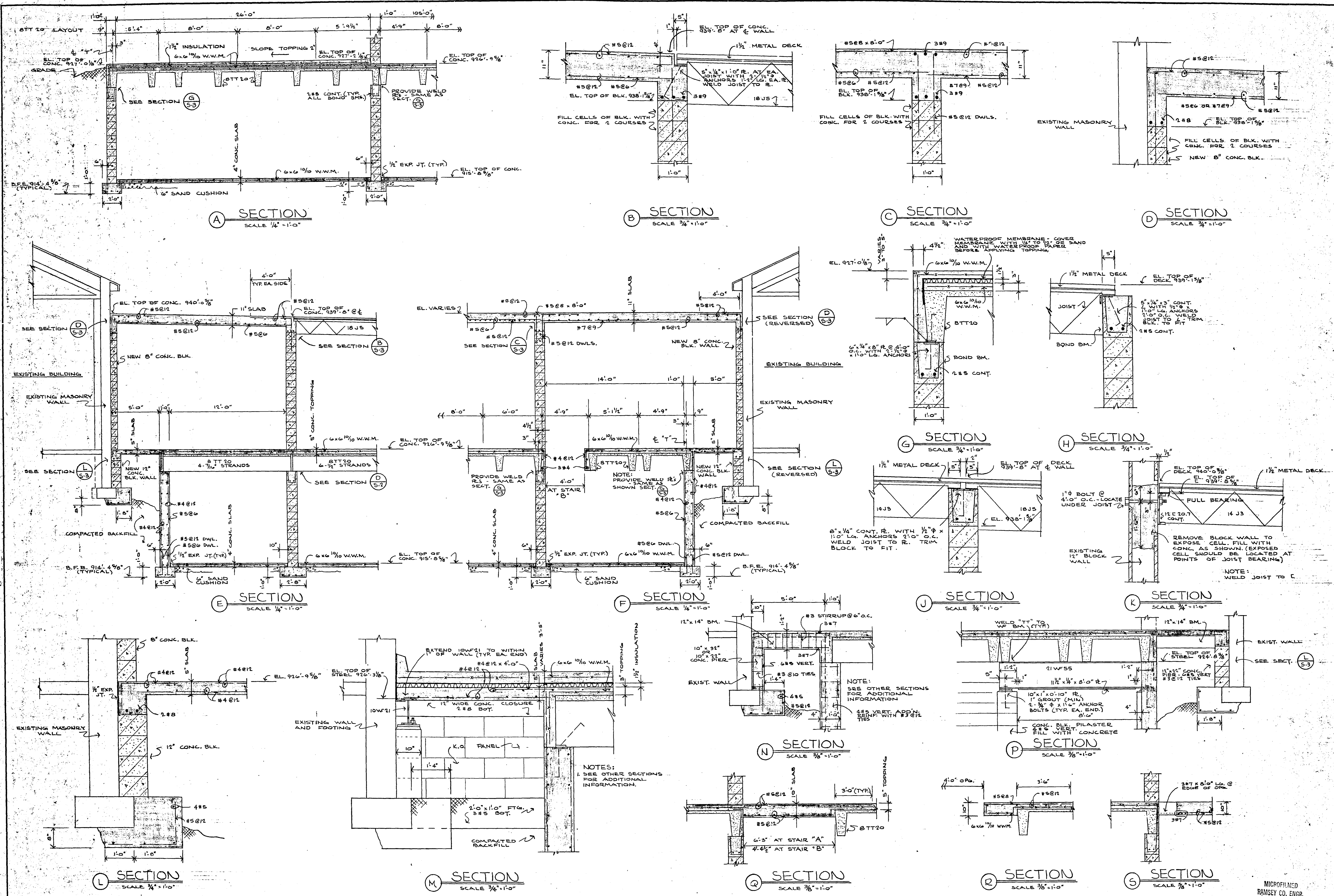
BASEMENT AND FOOTING PLAN
MAIN FLOOR PLAN

COM. 5033
DRG. S-1

ADDITION TO RAMSEY COUNTY GARAGE FOR COUNTY ENGINEER AND EMERGENCY OPERATING CENTER FOR RAMSEY COUNTY CIVIL DEFENSE RAMSEY COUNTY MINNESOTA

MICROFILMED
RAMSEY CO. ENGR.

6875



NO.	DATE	BY	DESCRIPTION

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Orville K. Wright
 Date: SEPTEMBER 16, 1966/ Reg. No. 2007

TOLTZ, KING, DUVALL, ANDERSON AND ASSOCIATES, INC.
 ST. PAUL, MINNESOTA
 ENGINEERS AND ARCHITECTS

DESIGNED R.D.S.
 DRAWN R.D.S.
 CHECKED O.K.W.

COM. 5033
 DRG. S-3
 ADDITION TO RAMSEY COUNTY GARAGE FOR COUNTY ENGINEER AND EMERGENCY OPERATING CENTER FOR RAMSEY COUNTY CIVIL DEFENSE RAMSEY COUNTY MINNESOTA

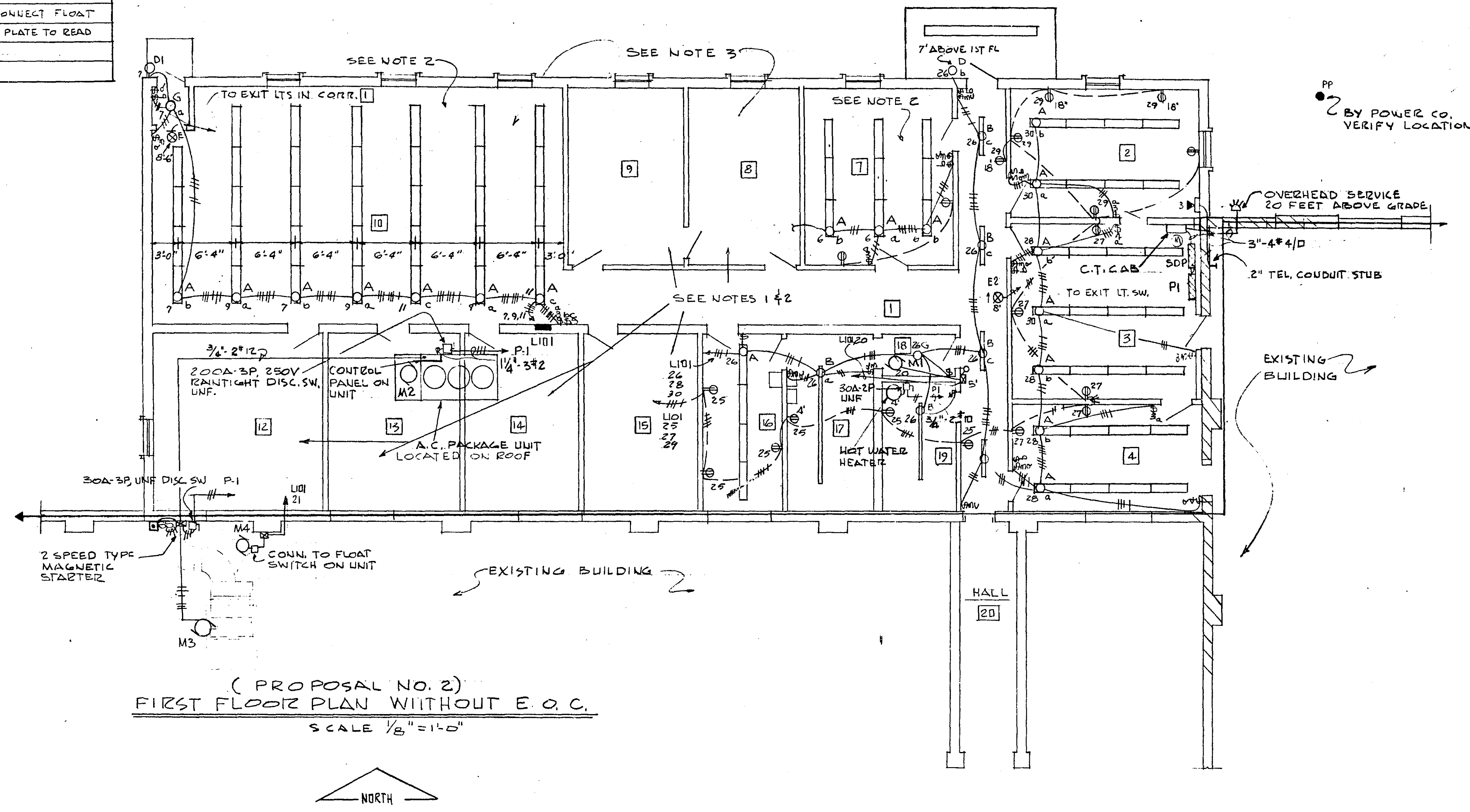
MICROFILMED
 RAMSEY CO. ENGR.

MOTOR SCHEDULE									
NO.	NAME	ROOM OR LOCATION	MOTOR DATA			CCT BRK SIZE	PANEL FED FROM	REMARKS	
			H.P.	VOLTS	PH.				AMPS
M1	PRV. TOILET EXH.	ABOVE 16	1/2	120	1	20	1	L101	FLUSH MT. STARTER & P.L.T. AND CONNECT.
M2	AIR COOLED COMPRESSOR	ROOF	20	208	3	200	3	P1	FURNISH, INSTALL & CONNECT RAINLIGHT
M3	CONDENSER UNIT	13	3/4	208	3				
M3	AIR HANDLING UNIT	EXISTING	3	208	3	20	3	P1	FURNISH & INSTALL MAGNETIC STARTER & DISC. SW. & CONNECT. INTERLOCK WITH M2.
	2 SPEED, TWO WINDING	BUILDING							M3 MUST RUN BEFORE M2
M4	CONDENSATE PUMP	EXISTING	1/4	120	1	20	1	L101	SURFACE MT. STARTER & CONNECT FLOAT SWITCH ON UNIT, NAME PLATE TO READ CONDENSATE PUMP.
		BUILDING							

ENGRAVED NAME PLATE FOR M-1 TO READ - TOILET EXHAUST

FURNISH, INSTALL & CONNECT ONE SET OF INTERLOCK CONTACTS ON HIGH SPEED CONTACTOR.

- GENERAL NOTES**
- 1- ALL CLOCK OUTLETS, RECEPTACLES, TELEPHONE, INTERCOM, OUTLETS, SWITCHES & LIGHT FIXTURES IN ROOMS 1, 8, 9, 12, 13, 14 & 15 SHALL BE LOCATED & CIRCUITED AS SHOWN ON DRG. E-1
 - 2 RECEPTACLE OUTLETS & CIRCUITING FOR ROOMS 7 & 10 SHALL BE AS SHOWN ON DRG. E-1
 - 3 SEE SPECS. SECTION 2E FOR PROPOSAL 2 AND 2A.



(PROPOSAL NO. 2)
FIRST FLOOR PLAN WITHOUT E. O. C.
SCALE 1/8" = 1'-0"

NO.	DATE	BY	DESCRIPTION

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Registered PROFESSIONAL ENGINEER under the laws of the State of Minnesota.
Date: SEPTEMBER 16, 1966 Reg. No. 4993

TOLTZ, KING, DUVALL, ANDERSON AND ASSOCIATES, INC.
ST. PAUL, MINNESOTA
ENGINEERS AND ARCHITECTS

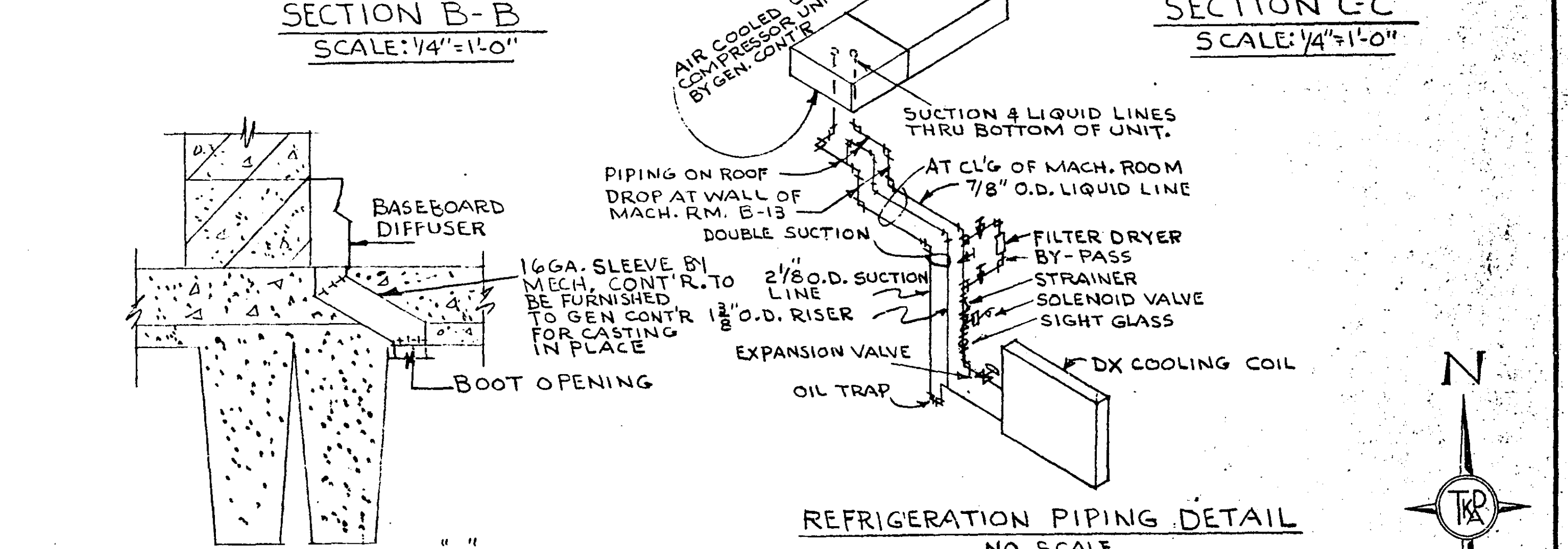
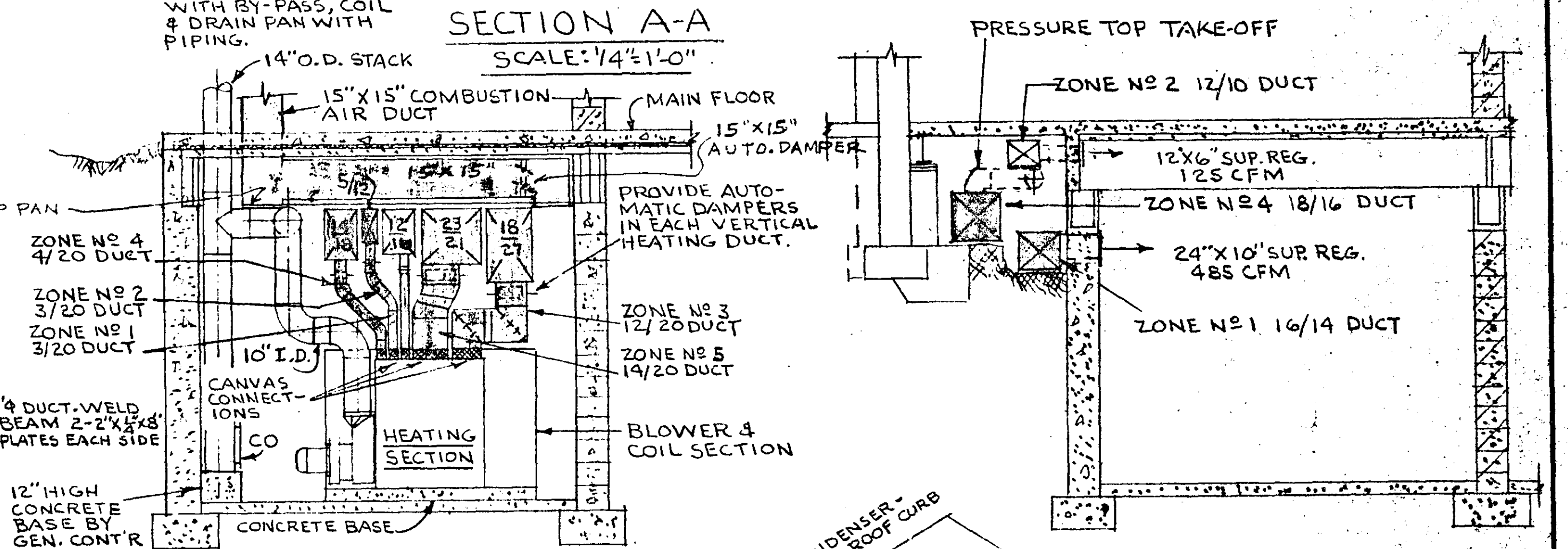
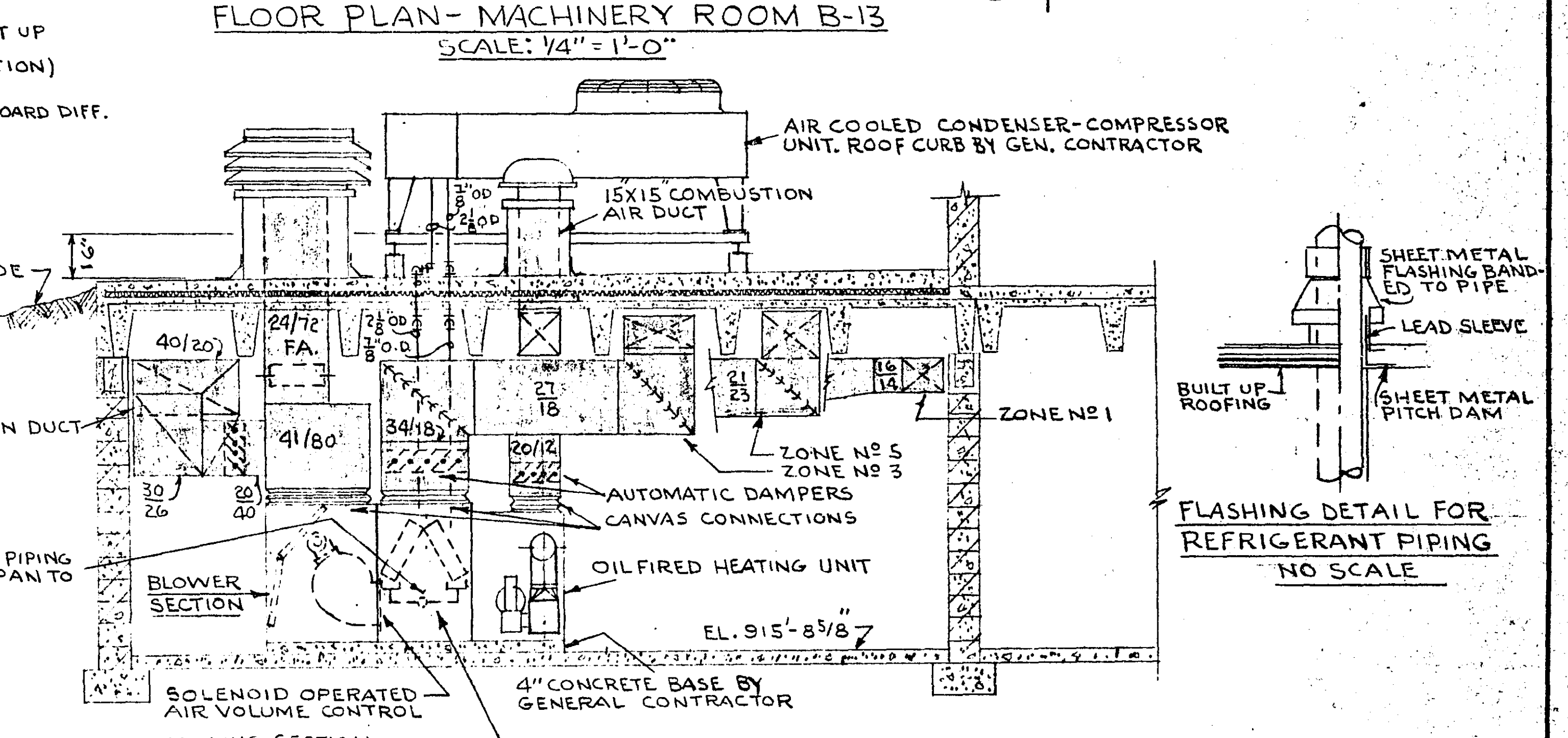
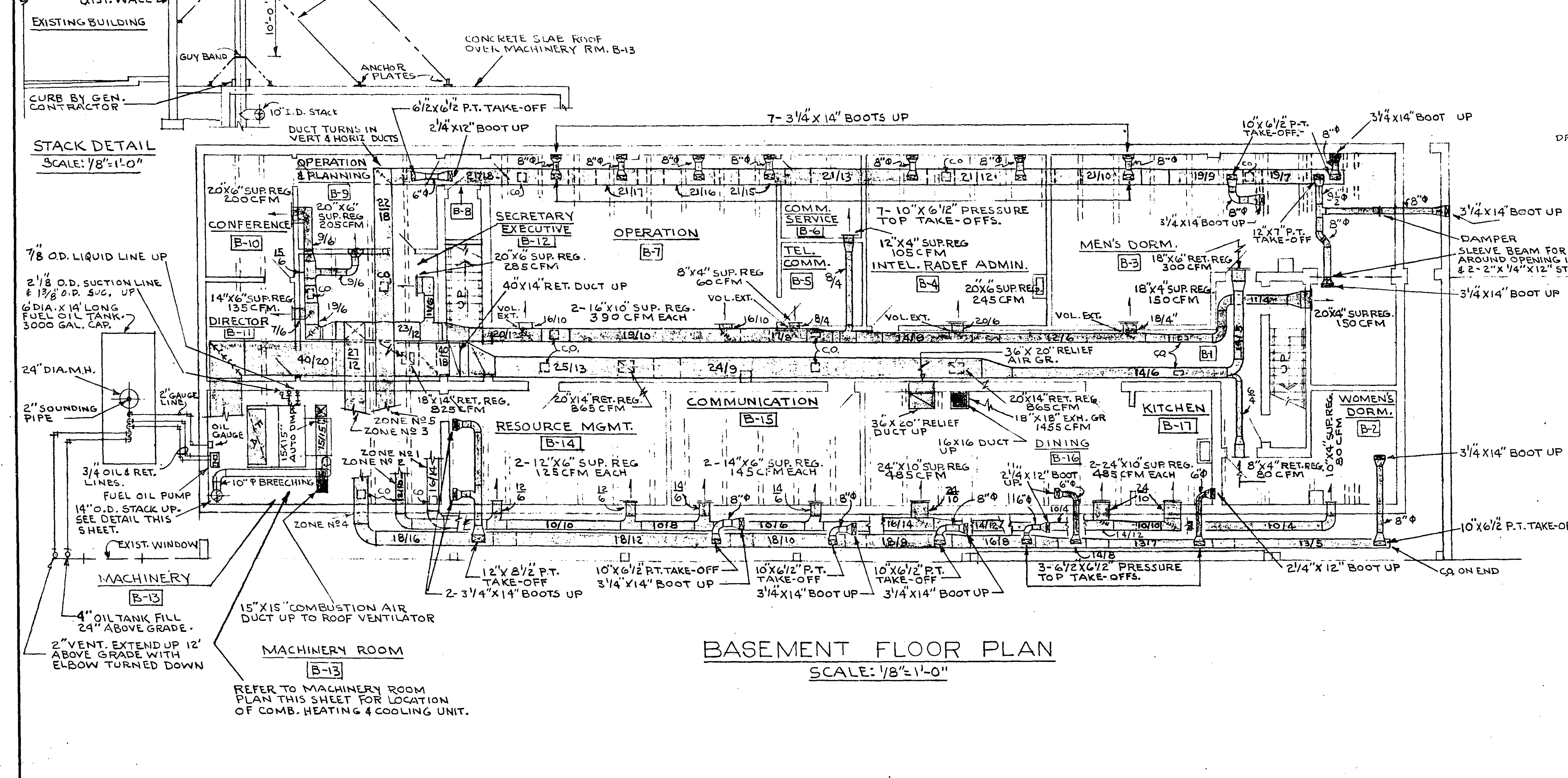
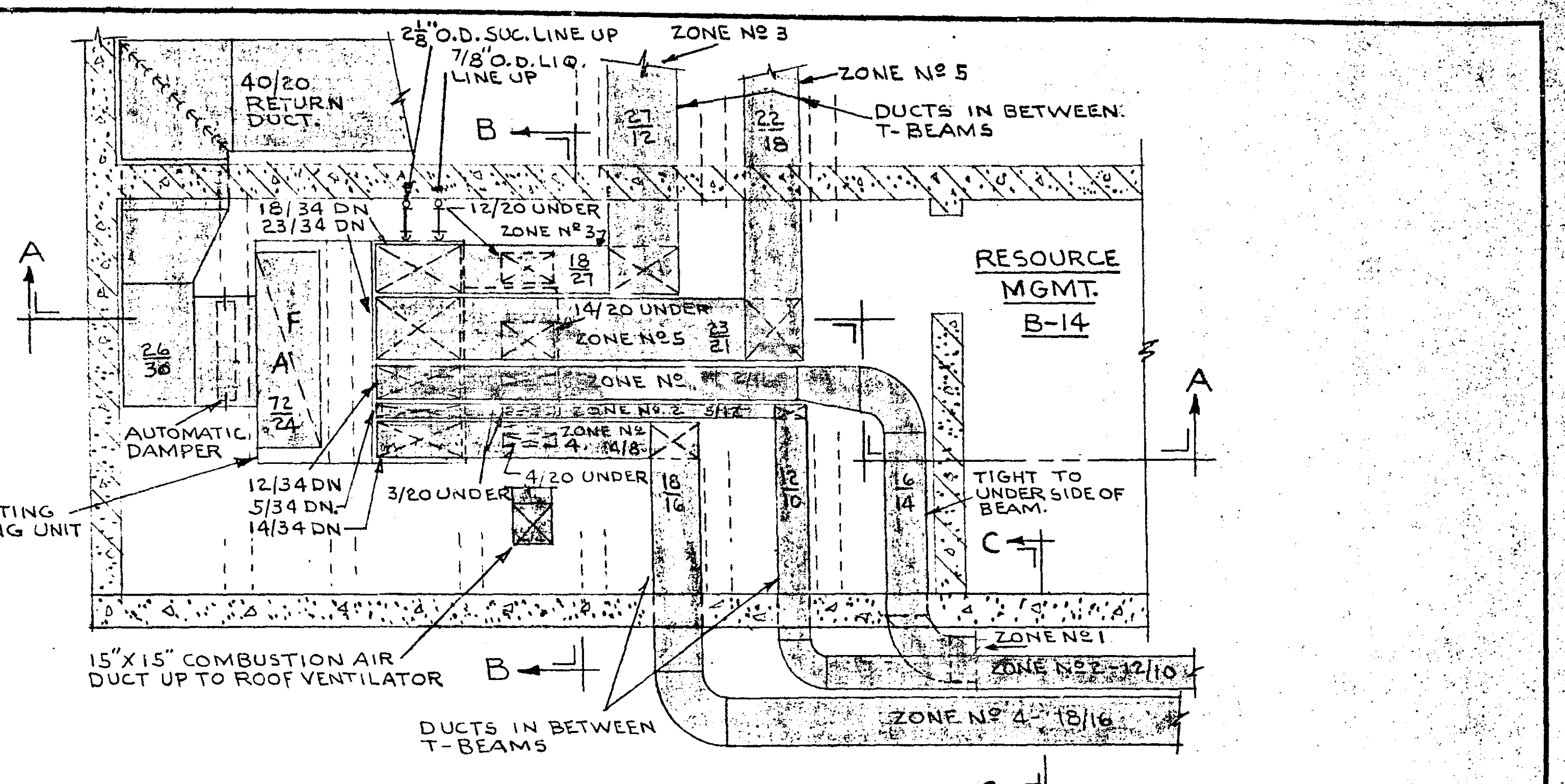
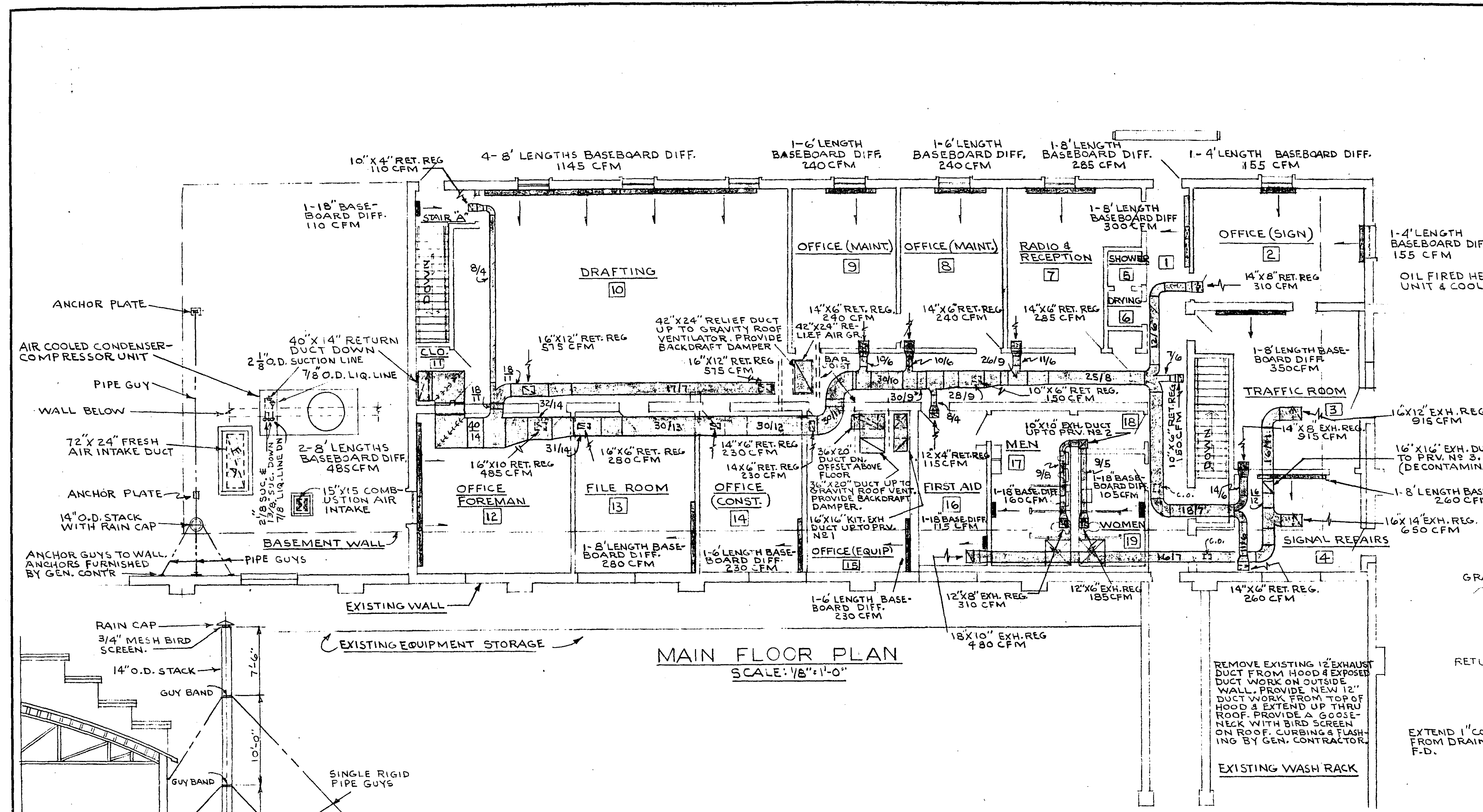
DESIGNED: RK, R.R.
DRAWN: RK
CHECKED: RK

ELECTRICAL
FIRST FLOOR PLAN AND DETAILS
ALTERNATE PLAN

COM. 5033
DRG. E-2

ADDITION TO RAMSEY COUNTY GARAGE FOR COUNTY ENGINEER AND EMERGENCY OPERATING CENTER FOR RAMSEY COUNTY CIVIL DEFENSE RAMSEY COUNTY MINNESOTA

MICROFILMED
RAMSEY CO. 2/58



NO.	DATE	BY	DESCRIPTION

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Registered PROFESSIONAL ENGINEER under the laws of the State of Minnesota.

[Signature]

Date: SEPT. 16, 1966 R.G. No. 2303

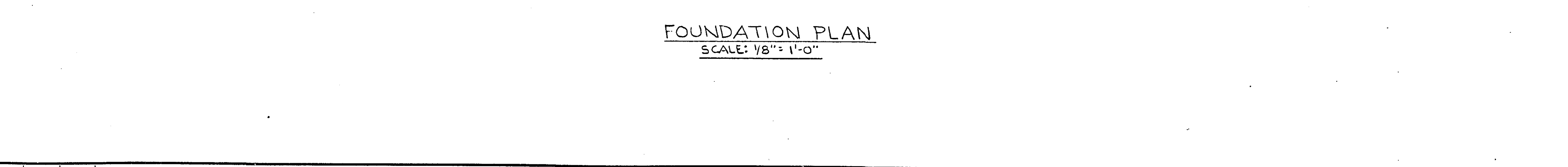
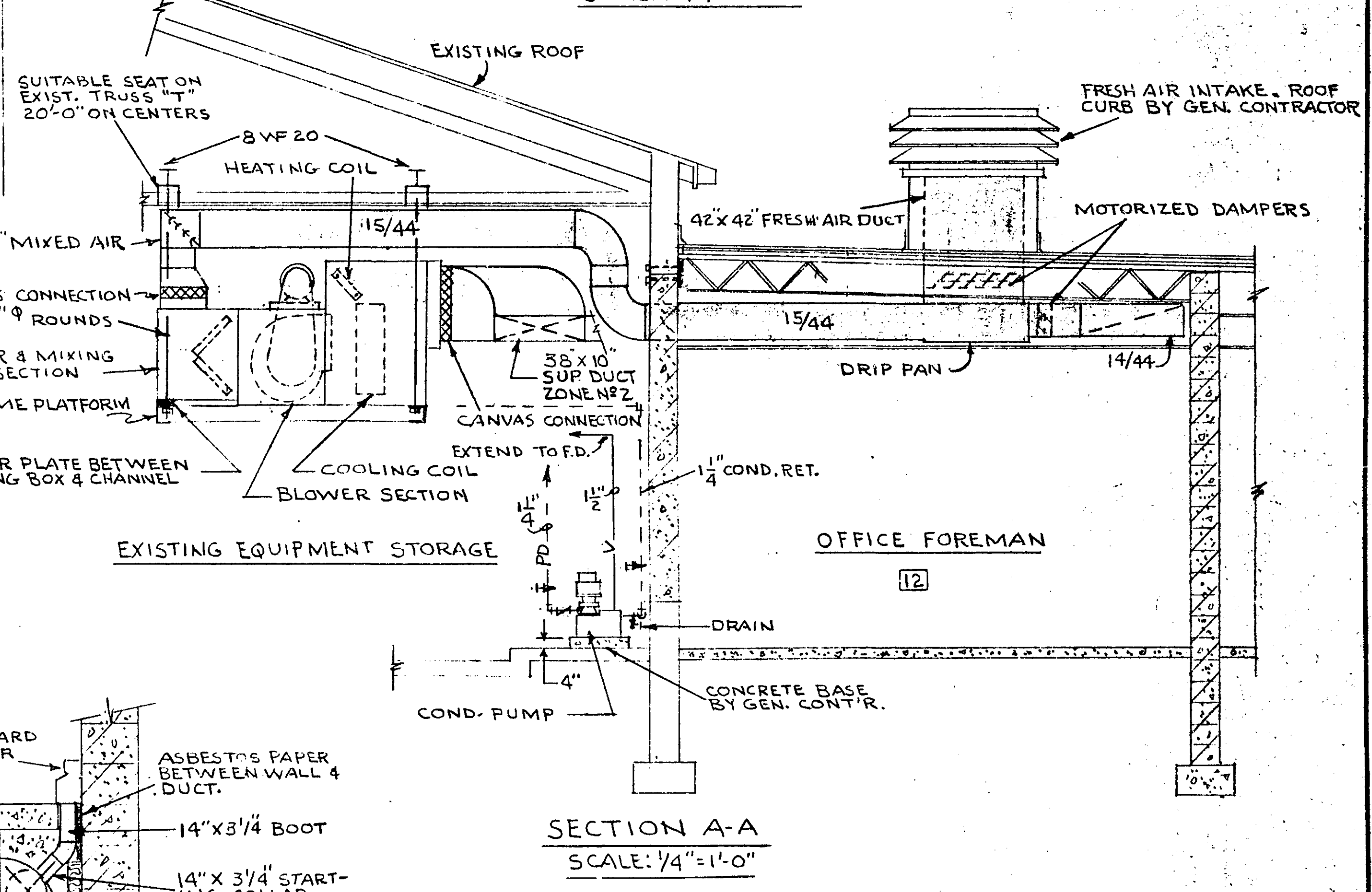
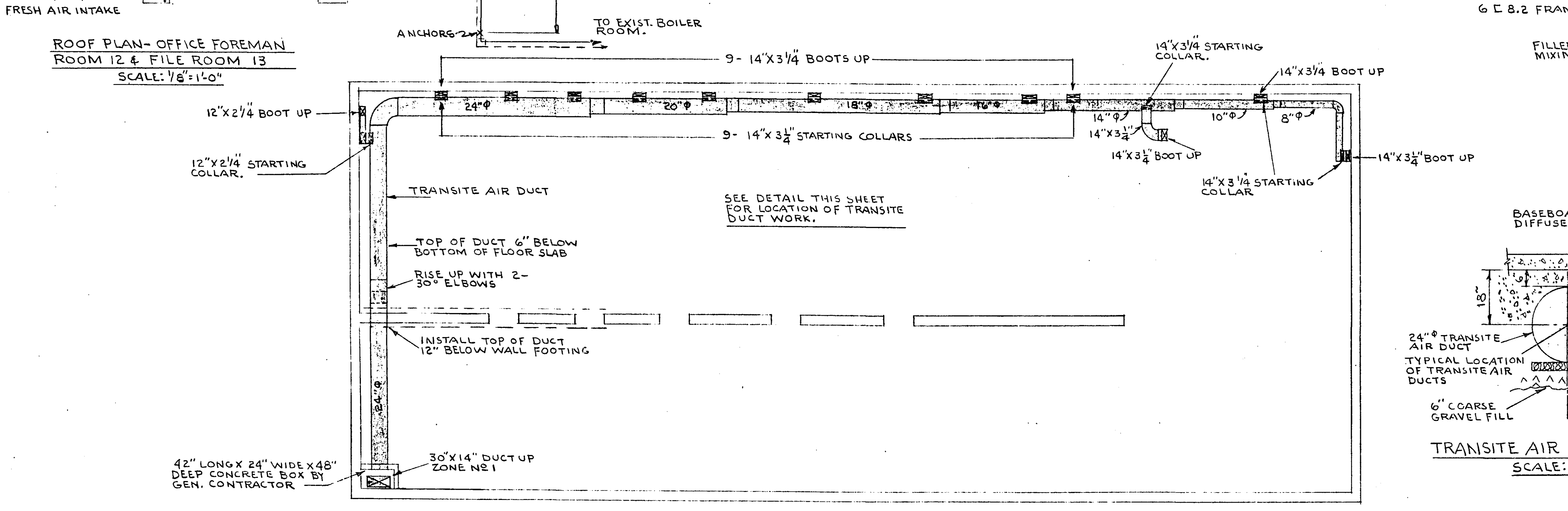
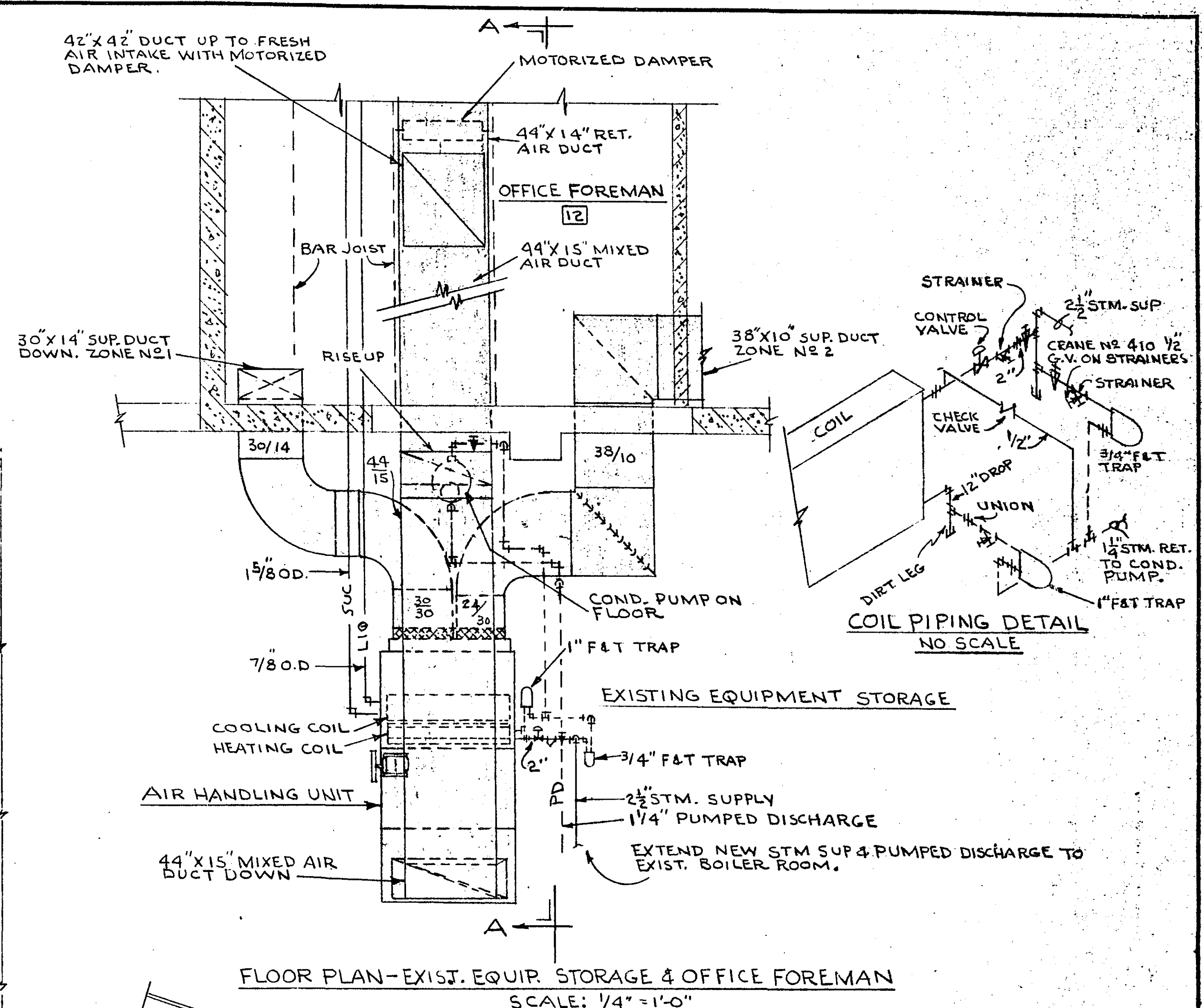
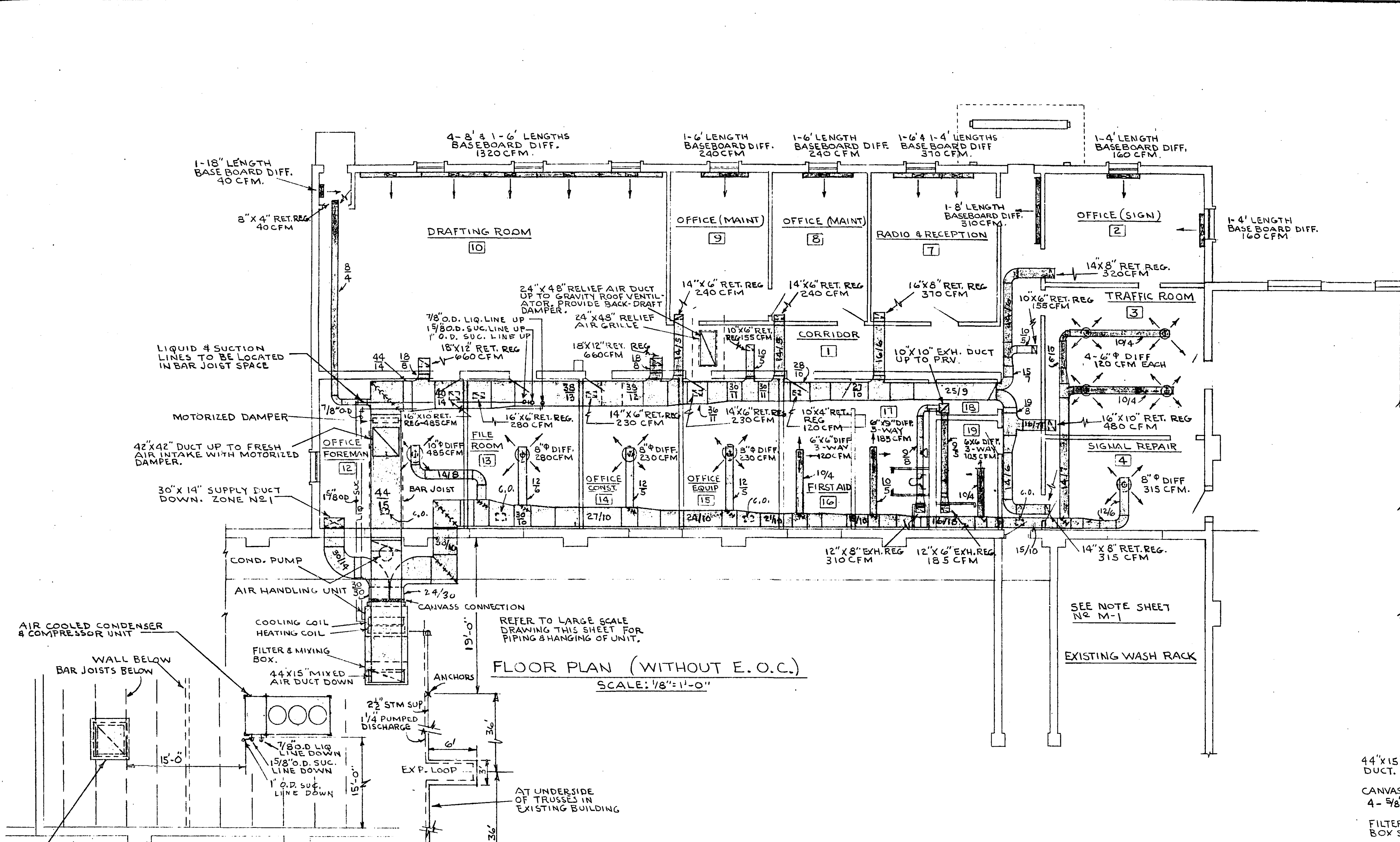
TKDA
ARCHITECTS ENGINEERS
ST. PAUL MINNESOTA

DESIGNED G.A.E.
DRAWN G.A.E.
CHECKED O.L.L.

MECHANICAL
BASEMENT & FIRST FLOOR PLAN
HEATING & VENTILATING
PROPOSAL NO. J

COM. 5033
DRG. M-1

ADDITION TO RAMSEY COUNTY GARAGE FOR COUNTY ENGINEER AND EMERGENCY OPERATING CENTER FOR RAMSEY COUNTY CIVIL DEFENSE
RAMSEY COUNTY MINNESOTA 6875



NO.	DATE	BY	DESCRIPTION
REVISIONS			

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Registered PROFESSIONAL ENGINEER under the laws of the State of Minnesota.

[Signature]
Date: SEPT. 16, 1966
Reg. No. 2303

TKDA
ARCHITECTS ENGINEERS
ST. PAUL MINNESOTA

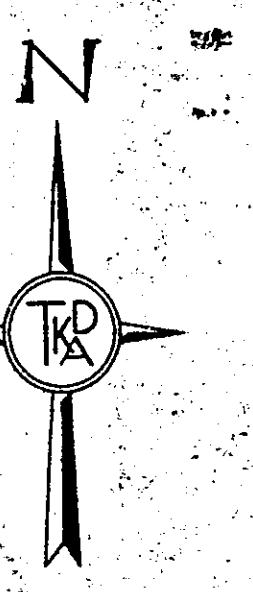
DESIGNED G.A.E.
DRAWN G.A.E.
CHECKED O.L.L.

MECHANICAL FIRST FLOOR PLAN HEATING & VENTILATING PROPOSAL NO. 2

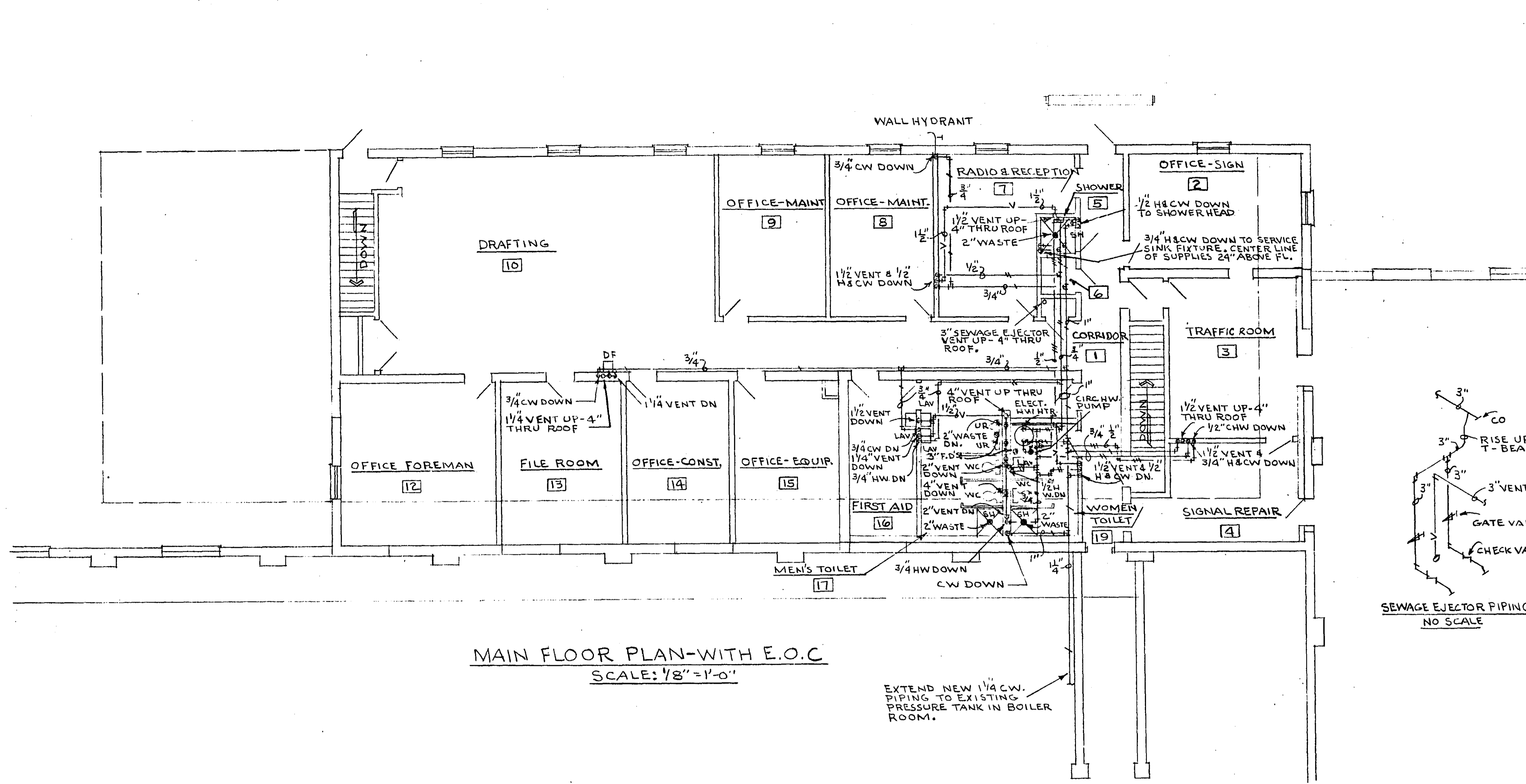
COM. 5033
DRG. M-2

ADDITION TO RAMSEY COUNTY GARAGE FOR COUNTY ENGINEER AND EMERGENCY OPERATING CENTER FOR RAMSEY COUNTY CIVIL DEFENSE
RAMSEY COUNTY MINNESOTA

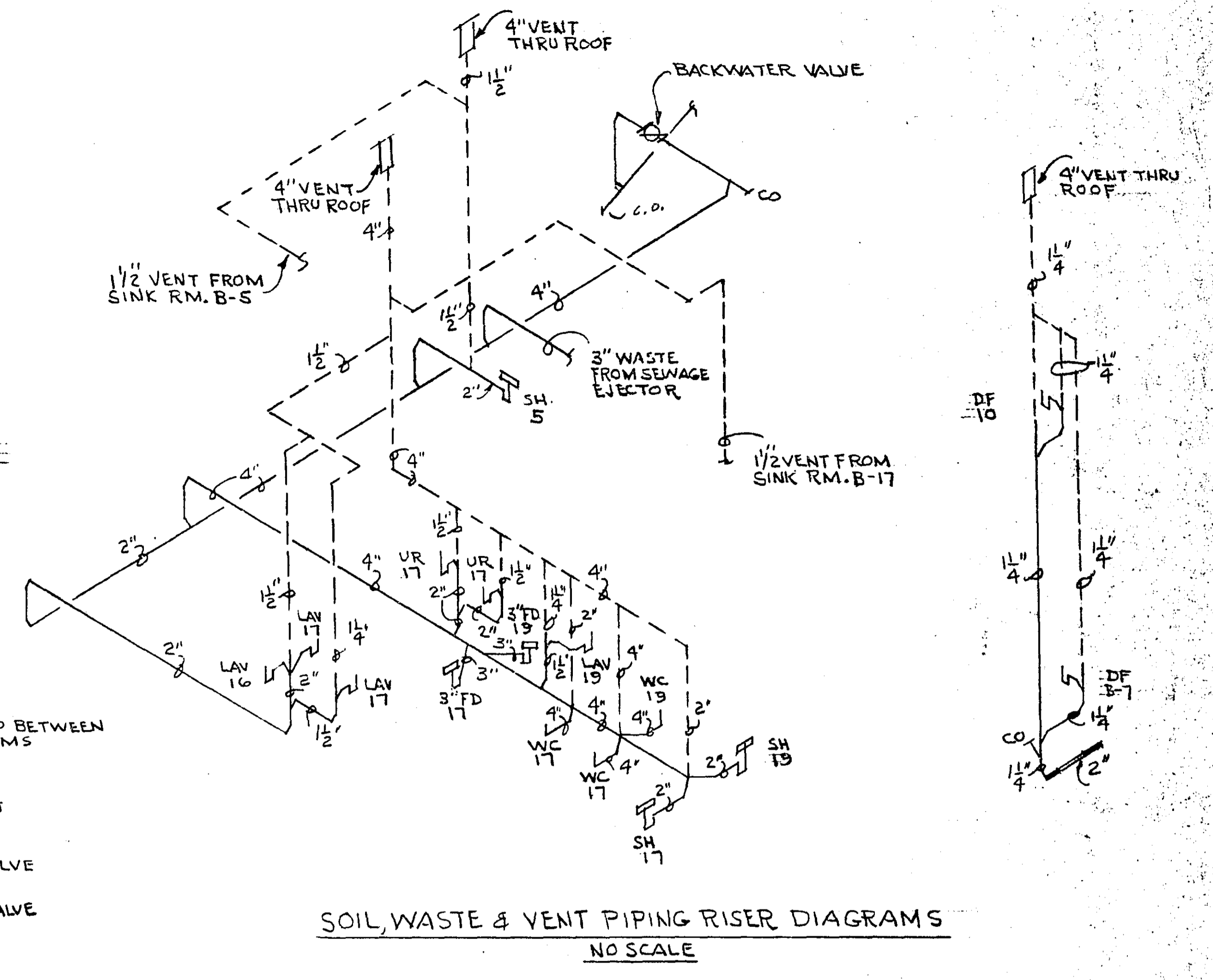
6875



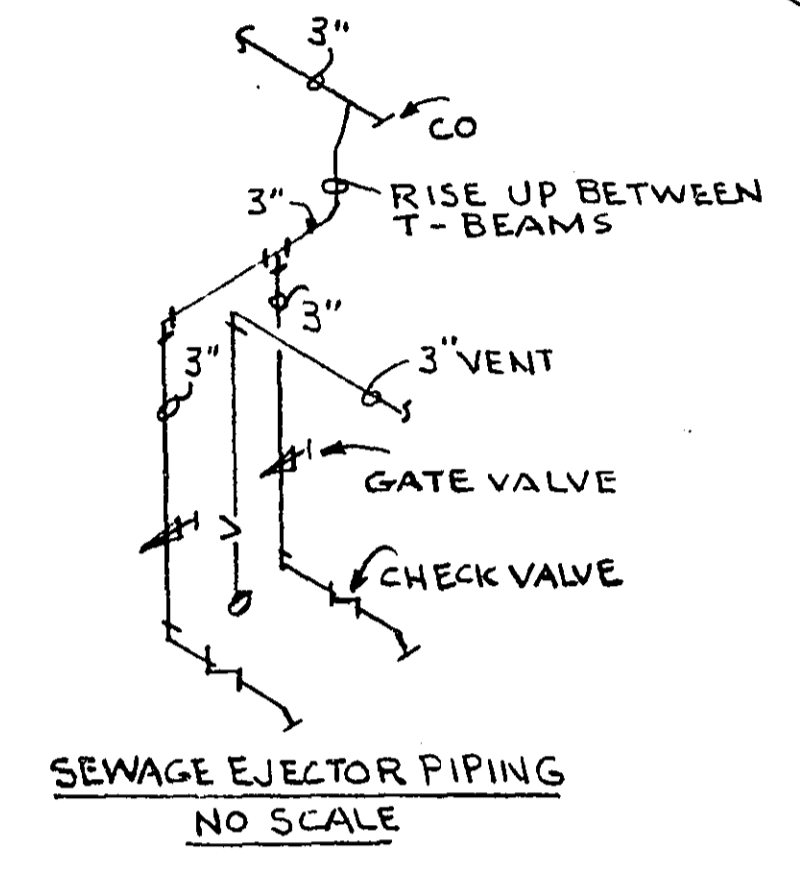
MICROFILMED
RAMSEY CO. ENGR.



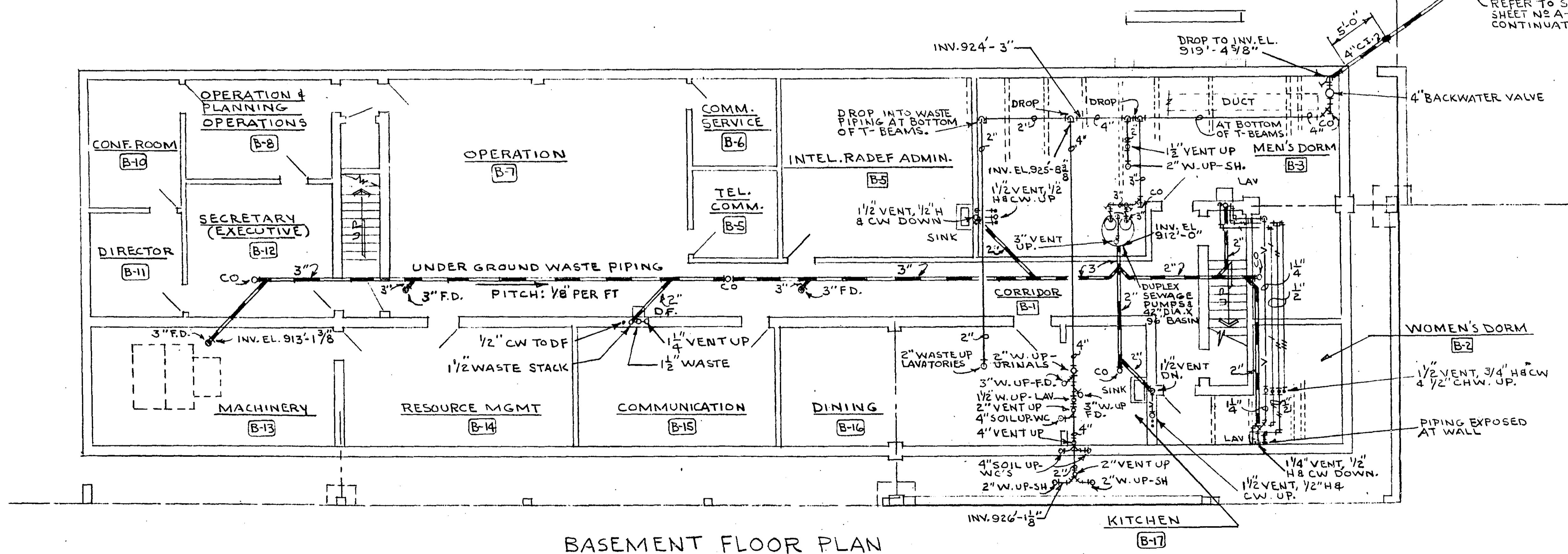
MAIN FLOOR PLAN-WITH E.O.C.
SCALE: 1/8" = 1'-0"



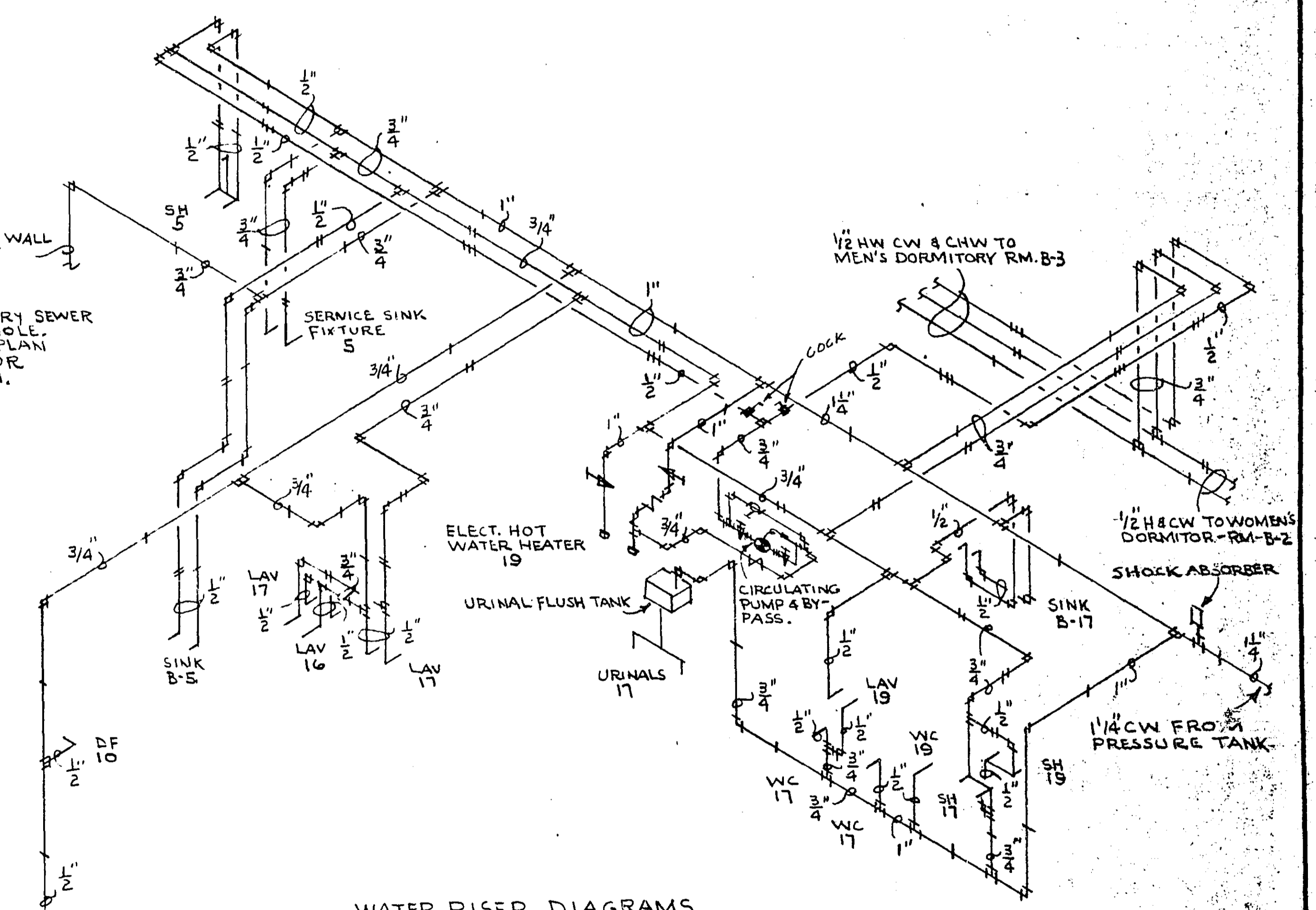
SOIL, WASTE & VENT PIPING RISER DIAGRAMS
NO SCALE



SEWAGE EJECTOR PIPING
NO SCALE

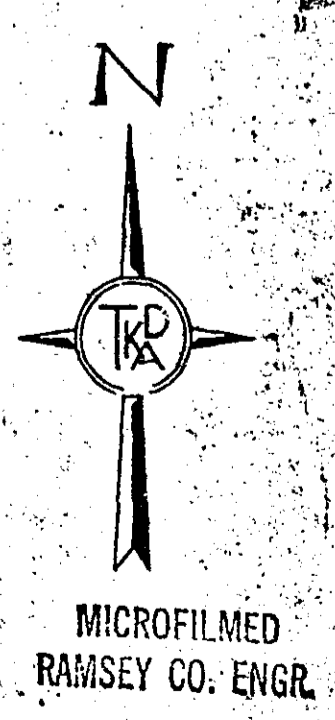


BASEMENT FLOOR PLAN
SCALE: 1/8" = 1'-0"



WATER RISER DIAGRAMS
NO SCALE

GENERAL NOTE:
UNDER PROPOSAL NO. 1, PLUMBING FIXTURES TO BE ROUGHED-IN ONLY WITH WASTE, VENT & WATER PIPING UNDER PROPOSAL NO. 1A, PLUMBING FIXTURES IN BASEMENT TO BE INSTALLED COMPLETE



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NO.	DATE	BY	DESCRIPTION	REVISIONS

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Registered PROFESSIONAL ENGINEER under the laws of the State of Minnesota.
Date SEPT. 16, 1966 Reg. No. 2303

TKDA
ARCHITECTS ENGINEERS
ST. PAUL MINNESOTA

DESIGNED
G.A.E.
DRAWN
G.A.E.
CHECKED
G.L.L.

MECHANICAL
BASEMENT & FIRST FLOOR PLAN
PLUMBING
PROPOSAL NO. 1

COM.
5033
DRG.
M-3

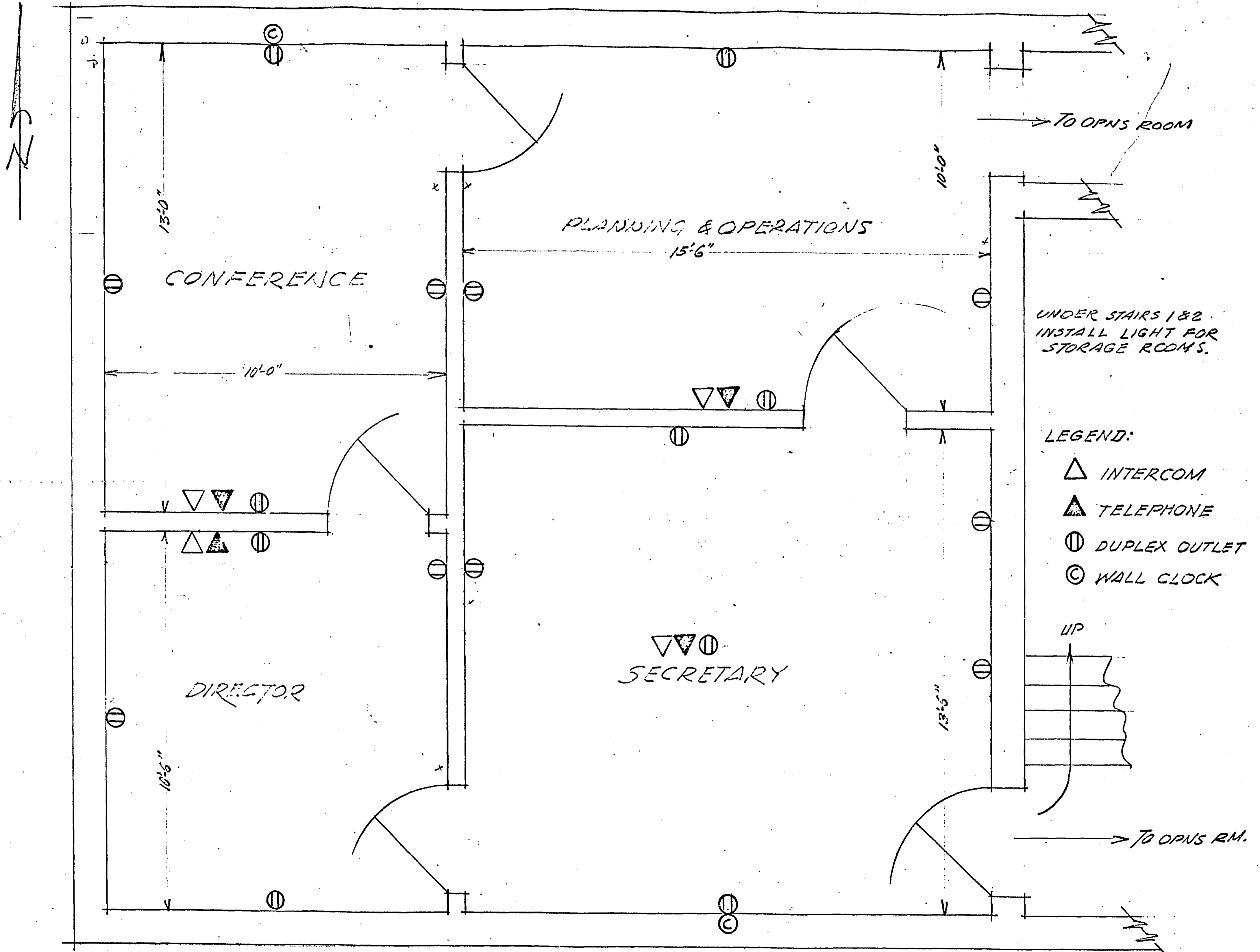
ADDITION TO RAMSEY COUNTY GARAGE FOR
COUNTY ENGINEER AND EMERGENCY OPERATING CENTER
FOR RAMSEY COUNTY CIVIL DEFENSE
RAMSEY COUNTY MINNESOTA

6875

RAMSEY COUNTY E.O.C.

OFFICE FLOOR PLAN

Scale 1/2" = 1'-0"



LEGEND:

- △ INTERCOM
- ▲ TELEPHONE
- ⊖ DUPLEX OUTLET
- ⊙ WALL CLOCK