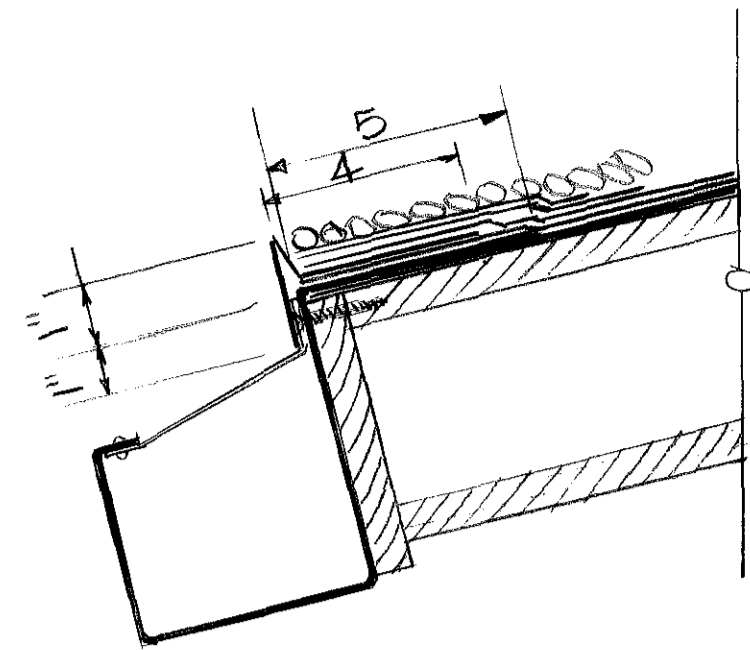
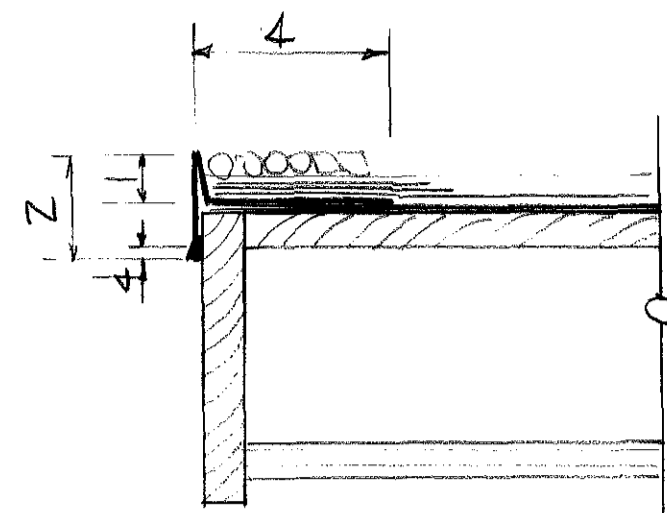


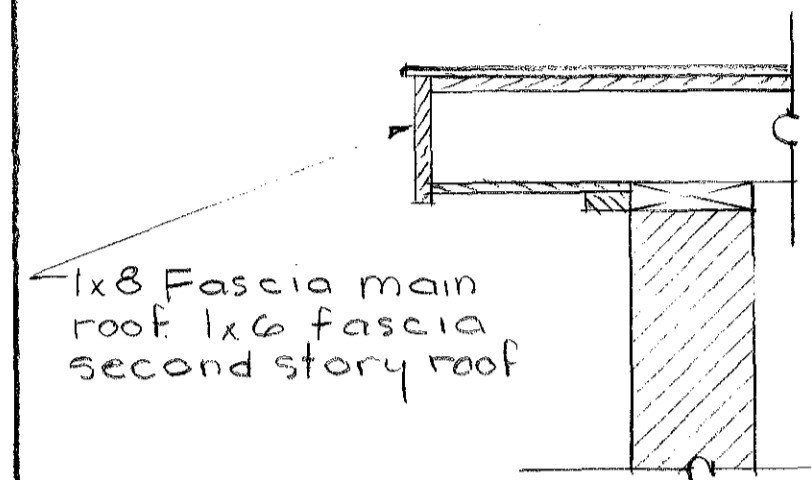
EXISTING GUTTER & EAVE



REINSTALLED GUTTER



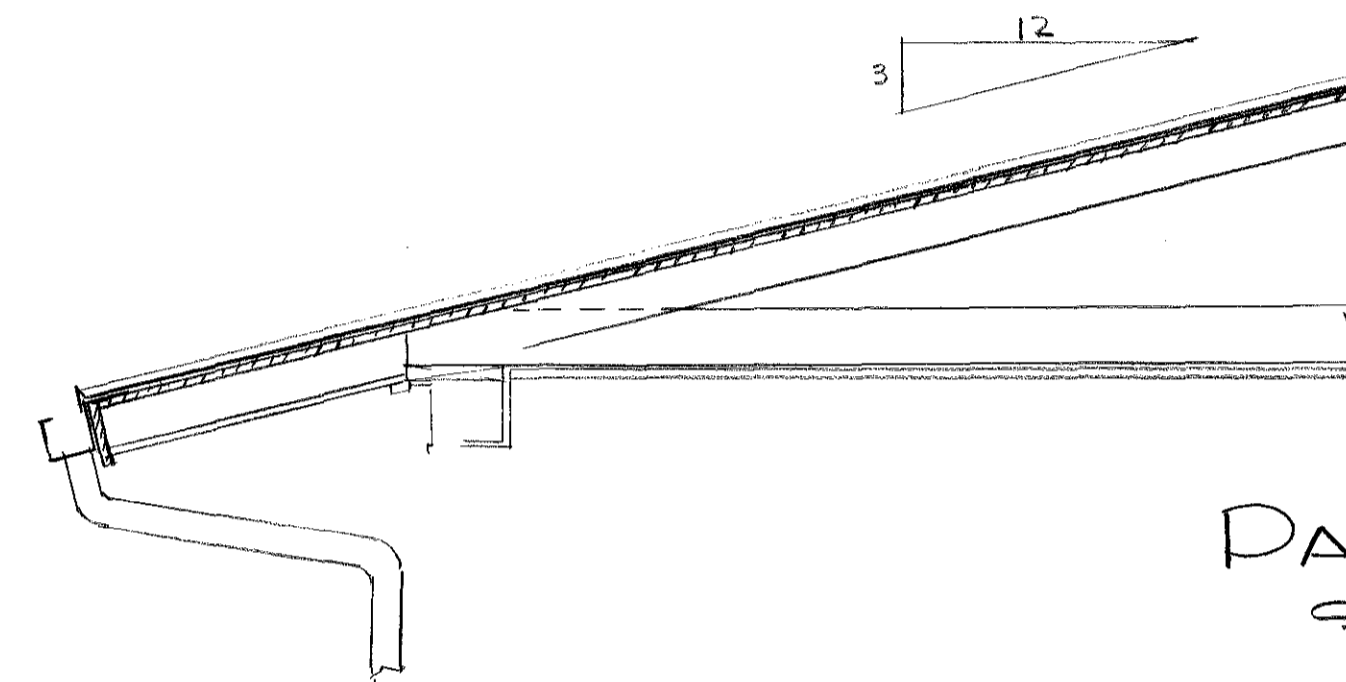
RAKE GRAVEL STOP



TYPICAL RAKE SECTION

GUTTER NOTES:

The existing gutter is to be removed and replaced as shown. Straighten the existing break to the 6" apron and rebreak 1" higher, leaving a 5" apron. The hanger straps shall be straightened, cut off, drilled and counter sunk for 1/2" No. 8 galvanized flat head screws, and rebent as shown. The break shall be slightly more than 90° so the gutter will be held tightly to the fascia.
The gutter shall be set in plastic cement over two plies and nailed at 3" centers. One ply shall be placed over gutter apron. The gravel stop shall be set in plastic cement, nailed and tpped with remaining ply and two felt strips.



PART SECTION
Scale 1/2" = 1'-0"

Furnish and install new fresh air intake as detailed

GENERAL NOTES

This design is for reroofing the existing building. The contract price shall include all labor, material, equipment and service necessary for and incidental to reroofing as shown on the plan and herein outlined.

MATERIALS: The roofing shall be a 20 year bonded, built up, asphalt roof with white marble chip surfacing. Flashings shall be 20 year endorsement composition flashing with a white mineralized cap sheet and metal counter flashing.

Flashings, gravel stops and fresh air intake shall be .032 Alclad aluminum alloy 3003. All fastenings shall be non-corrosive.

SCOPE OF WORK:

Work shall be conducted in such a manner as to provide assurance no leakage will occur during construction. The existing asphalt shingles are to be removed. The wood sheathing shall be cleaned free of dirt and projecting nails. The existing gutters shall be removed, altered as shown, and replaced integrally with the built up roofing. The Contractor shall furnish and install gravel stops as shown along the eaves and rake.

The existing chimney flashings may be used as counter flashing over the new composition base flashing if it will be guaranteed leakproof. If no assurance can be given it will be water tight, the Contractor shall remove the existing chimney flashing, rake the masonry joints 1" deep and anchor new aluminum flashing into place with lead plugs. Masonry joints shall then be repointed with cement mortar or caulked with Thiokol sealing compound.

The Contractor shall furnish and install a new fresh air intake on the roof. Installation shall include framing a hole in the roof, connection to the existing fresh air duct in the attic space, composition base flashing, cant, and counter flashing.

ROOFING MANUFACTURER:

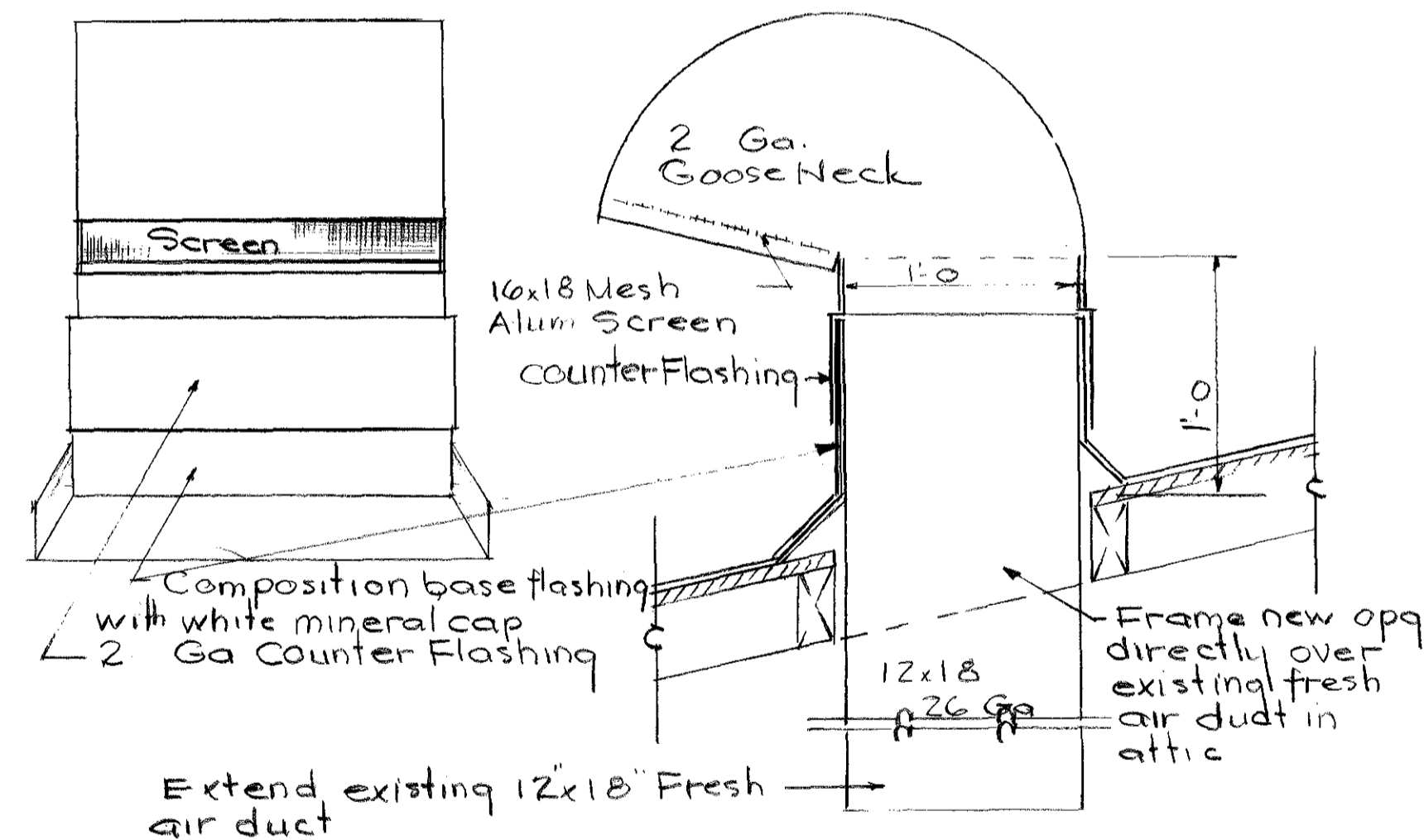
The roofing manufacturer shall be an approved nationally-known manufacturer.

SURETY BOND:

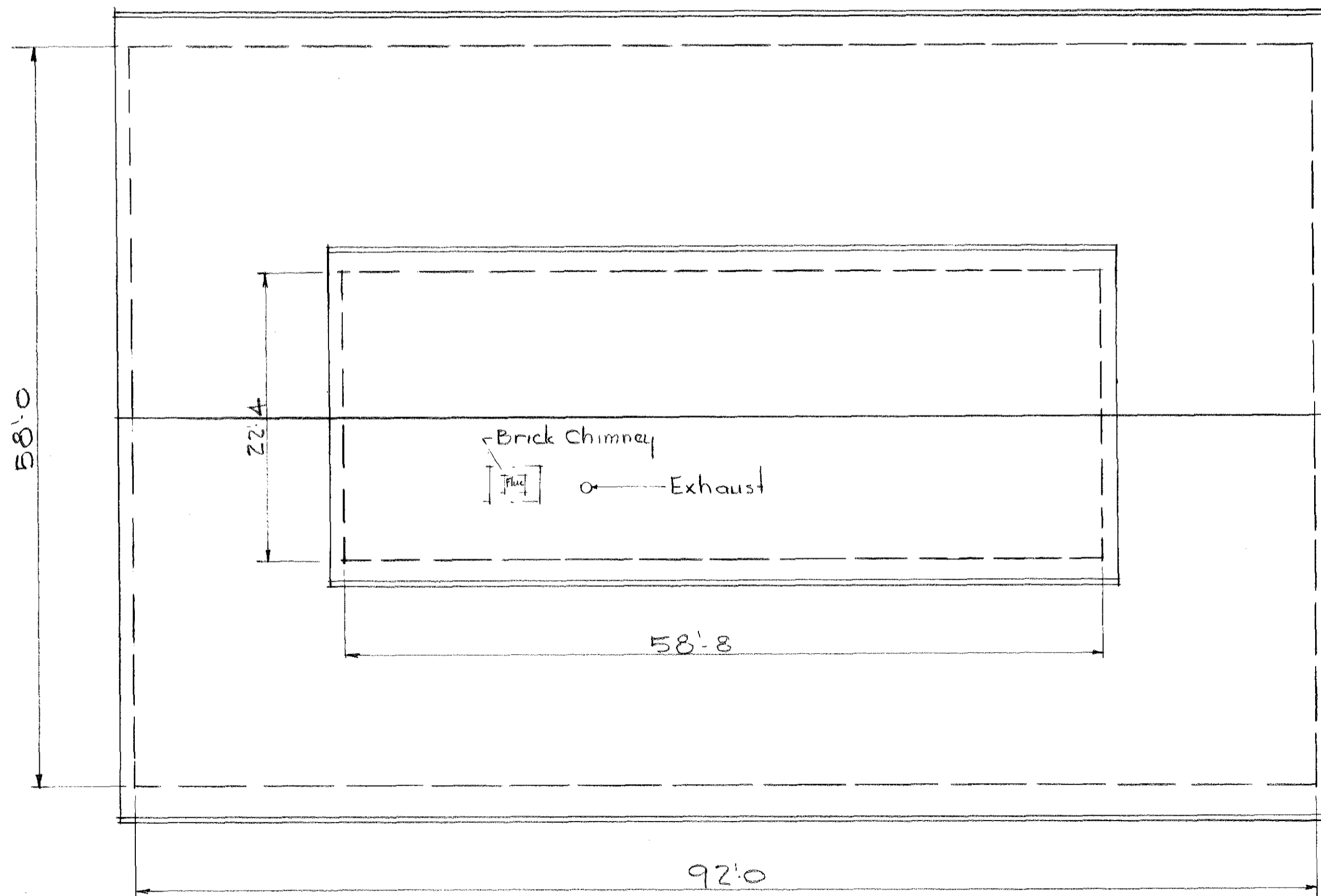
The Contractor shall furnish the Owner a surety bond covering the roofing for a twenty year period, and shall furnish a twenty year flashing endorsement.

INSURANCE: All parts of the existing structure shall be protected from damage, including the elements, during the construction. The Contractor shall replace or repair all items damaged during this operation. Furnish certificate of liability insurance.

The Contractor shall insure the building and contents to 100% of insurable value. Insurance shall include fire and extended coverage, including mischief. Furnish duplicate policy or certificate.



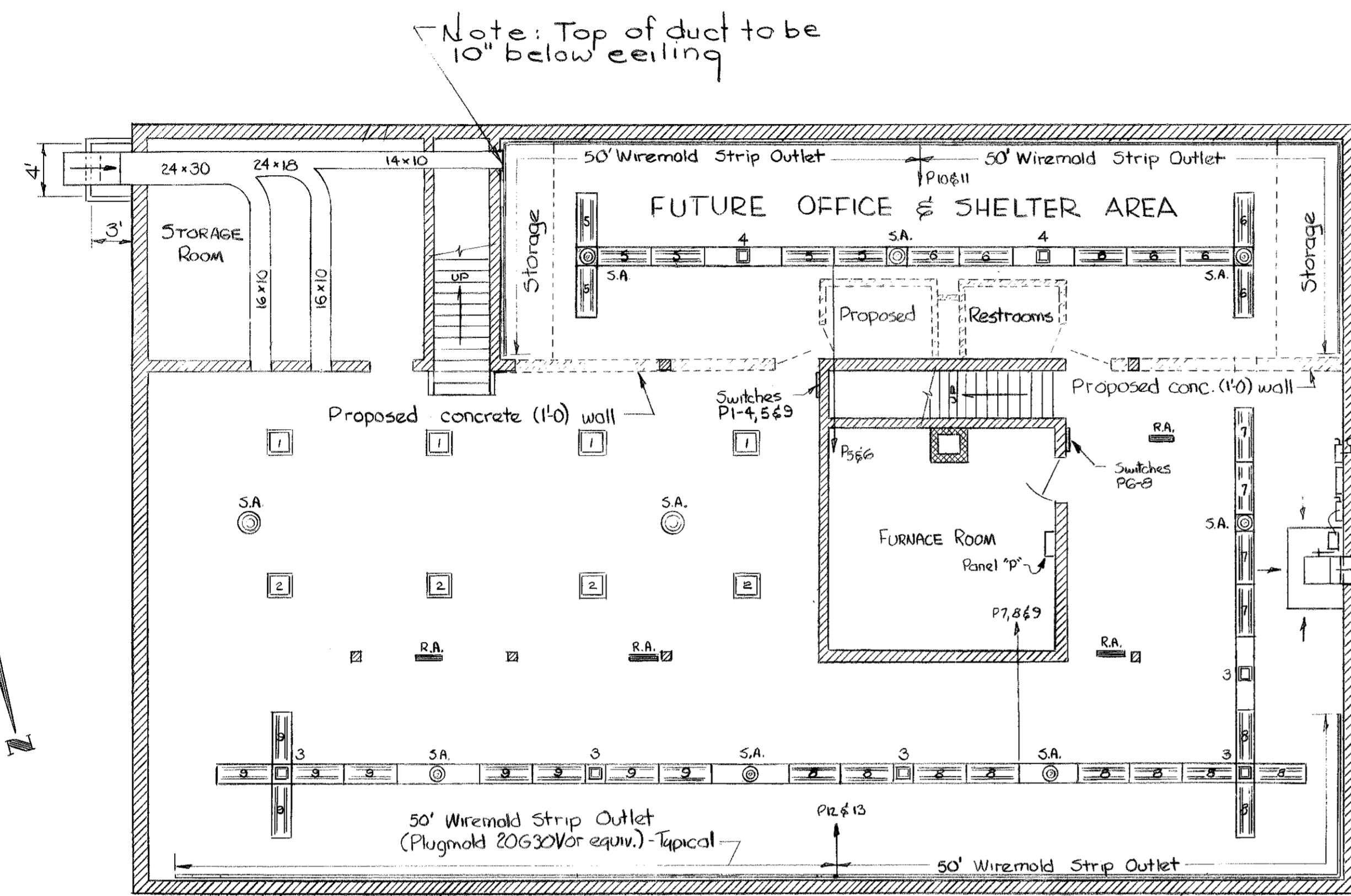
AIR INTAKE DETAIL



SPECIFICATIONS:

Iowa State Highway Commission Standard Specifications, Series 1960, Part I.

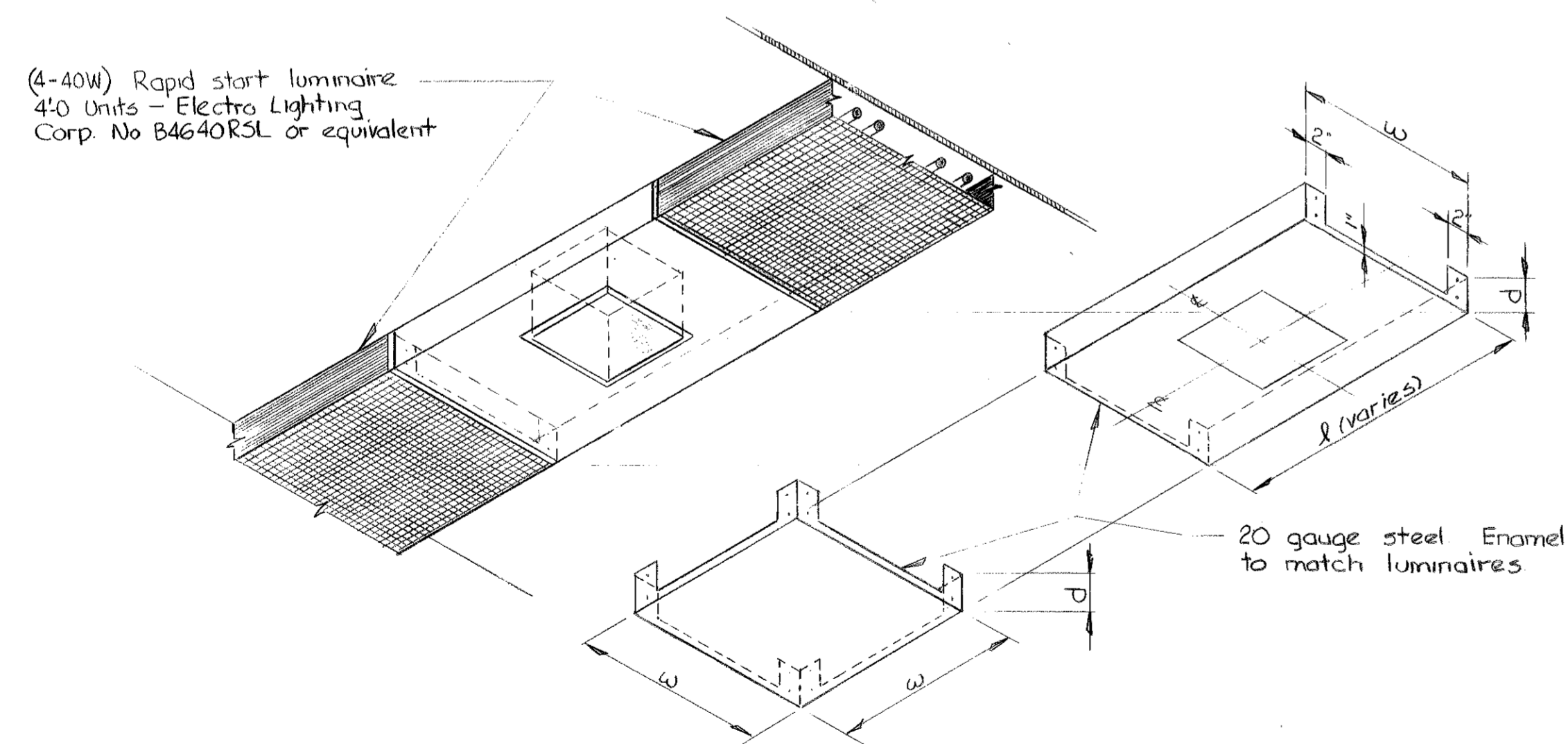
Reroofing Plan for		Sheet
DISTRICT OFFICE BUILDING		1 of 1
SIOUX CITY, IOWA		
Project 05 Woodbury 800-81-97-170		Date 9-62
IOWA STATE HIGHWAY COMMISSION		
Design 170 Woodbury County		



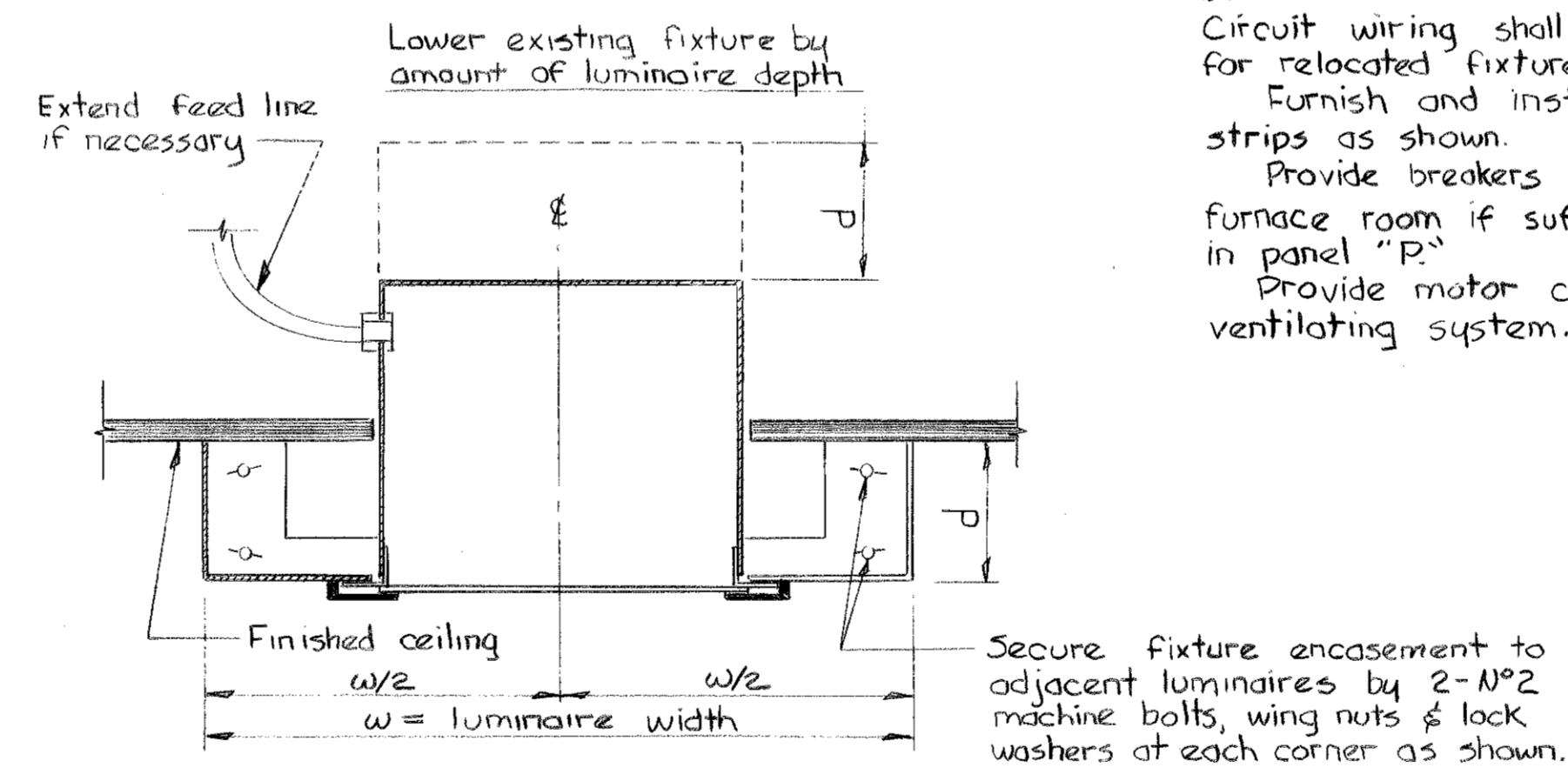
BASEMENT FLOOR PLAN

ELECTRICAL FIXTURE LAYOUT AND LOCATION OF VENTILATOR, DUCT WORK, HEATING DIFFUSERS & RETURN GRILLS.

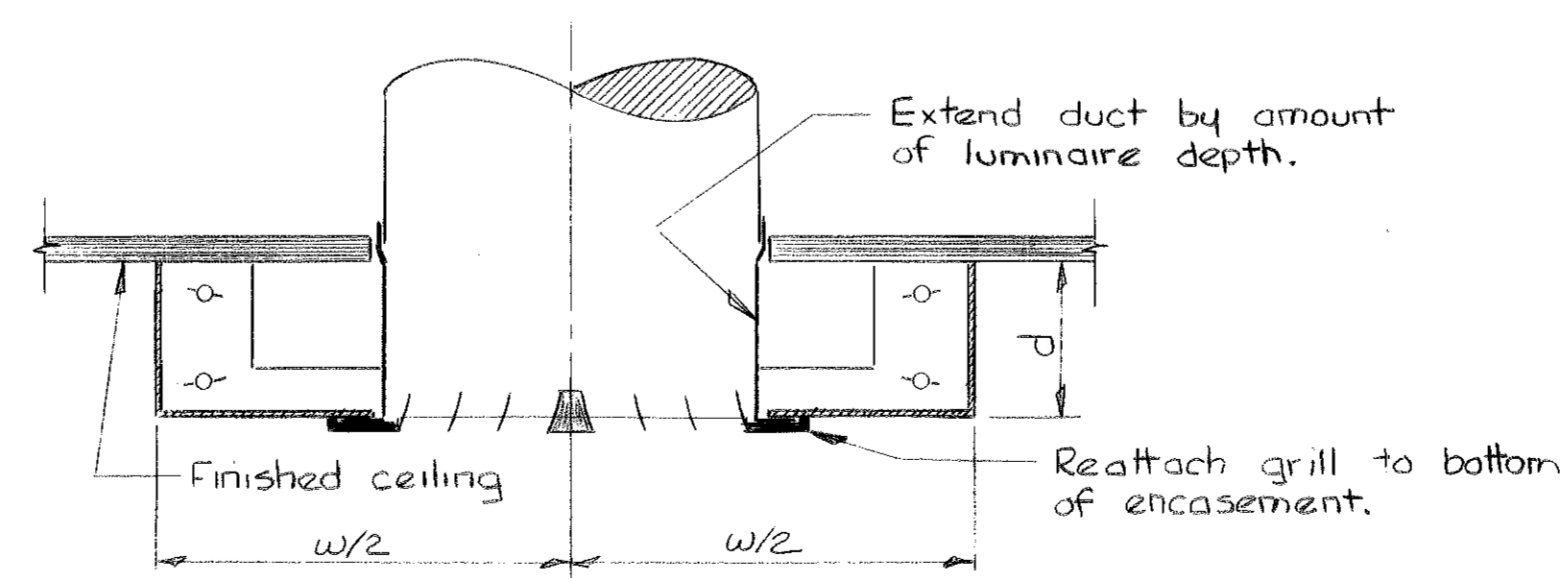
Scale: 1/8" = 1'-0"



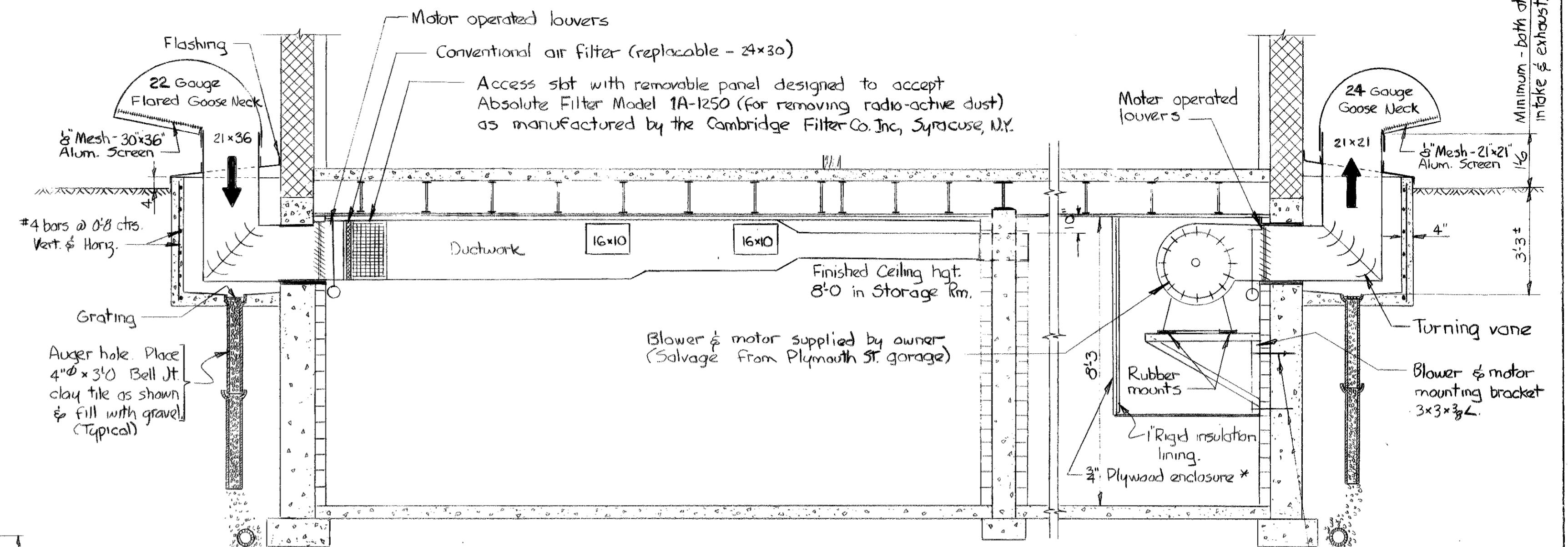
ENCASEMENTS FOR RECESSED FIXTURES AND DIFFUSERS



RECESSED FIXTURE REMOUNTING DETAIL



DIFFUSER REMOUNTING DETAIL



BASEMENT PART SECTION

SHOWING VENTILATION SYSTEM

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

GENERAL NOTES

This design is for installation of a ventilation system and lighting of the basement area. The contract shall include all labor, material, equipment and service necessary for and incidental to work shown on the plans and outlined herein.

SCOPE OF WORK:

Existing basement lighting shall remain unchanged except recessed fixtures and ceiling diffusers shall be remounted in new encasement boxes as shown. Circuit wiring shall be extended where necessary for relocated fixtures.

Furnish and install new fixtures and outlet strips as shown.

Provide breakers or additional load center in furnace room if sufficient space is not available in panel "P."

Provide motor controls and installation of ventilating system.

MATERIALS AND INSTALLATION:

The new lighting fixtures shall be four-light 40-watt fluorescent fixtures with polystyrene diffusers equal to Electro Lighting Corporation B4640 RSL with high power factor ballasts ETL, CBM certified and U.L. approved. Lamp with deluxe cool white, rapid-start tubes.

The contractor shall provide metal encasement boxes for mounting between the fixtures. The encasement boxes shall have the same cross-sectional dimensions as the fixtures. The length will vary and must be sized to give continuous mounting.

Circuit wiring shall be run concealed either within the fixtures and boxes or above ceiling. Wiring may be run in exposed wire mold on the ceiling and wall area west of the furnace room.

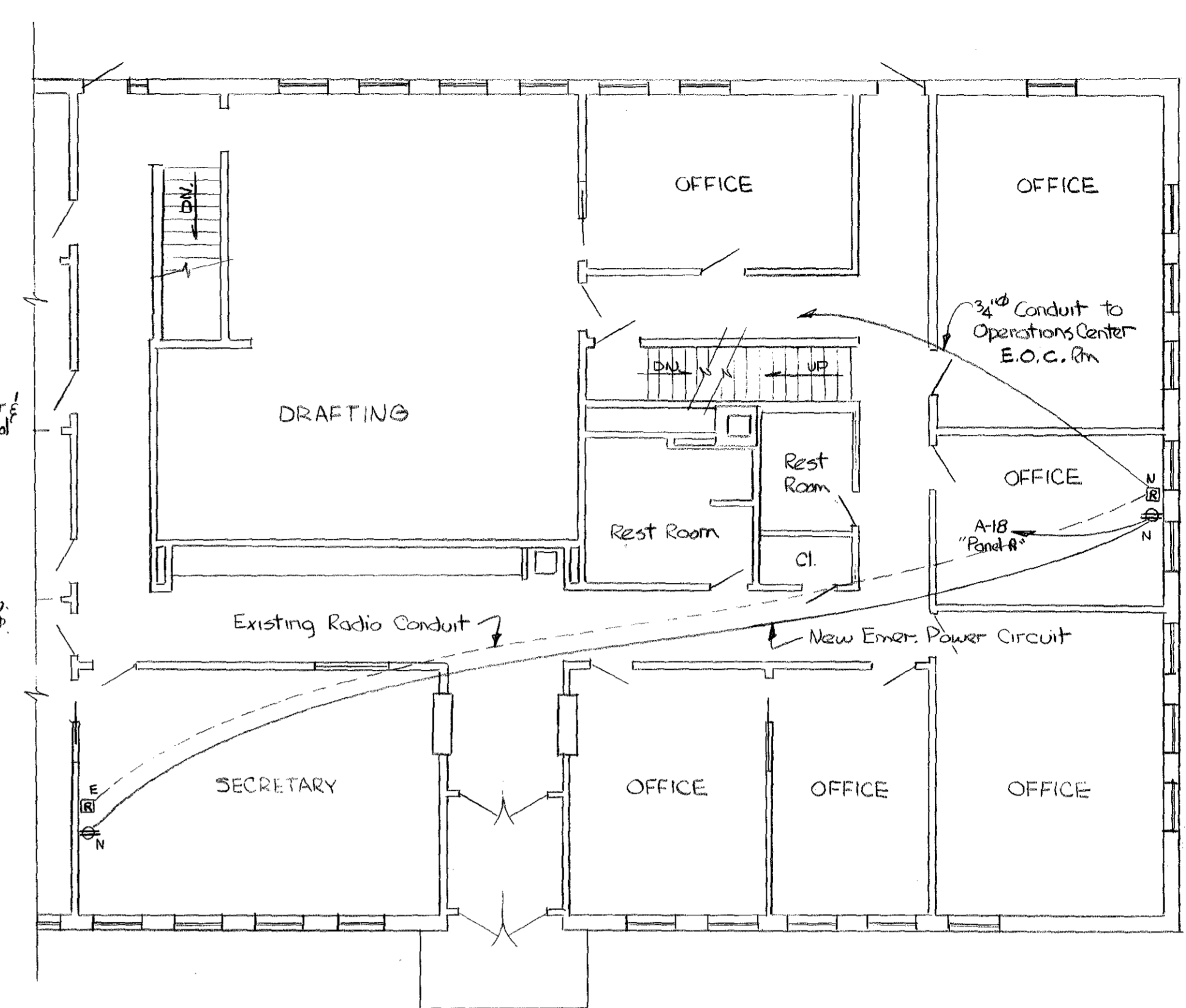
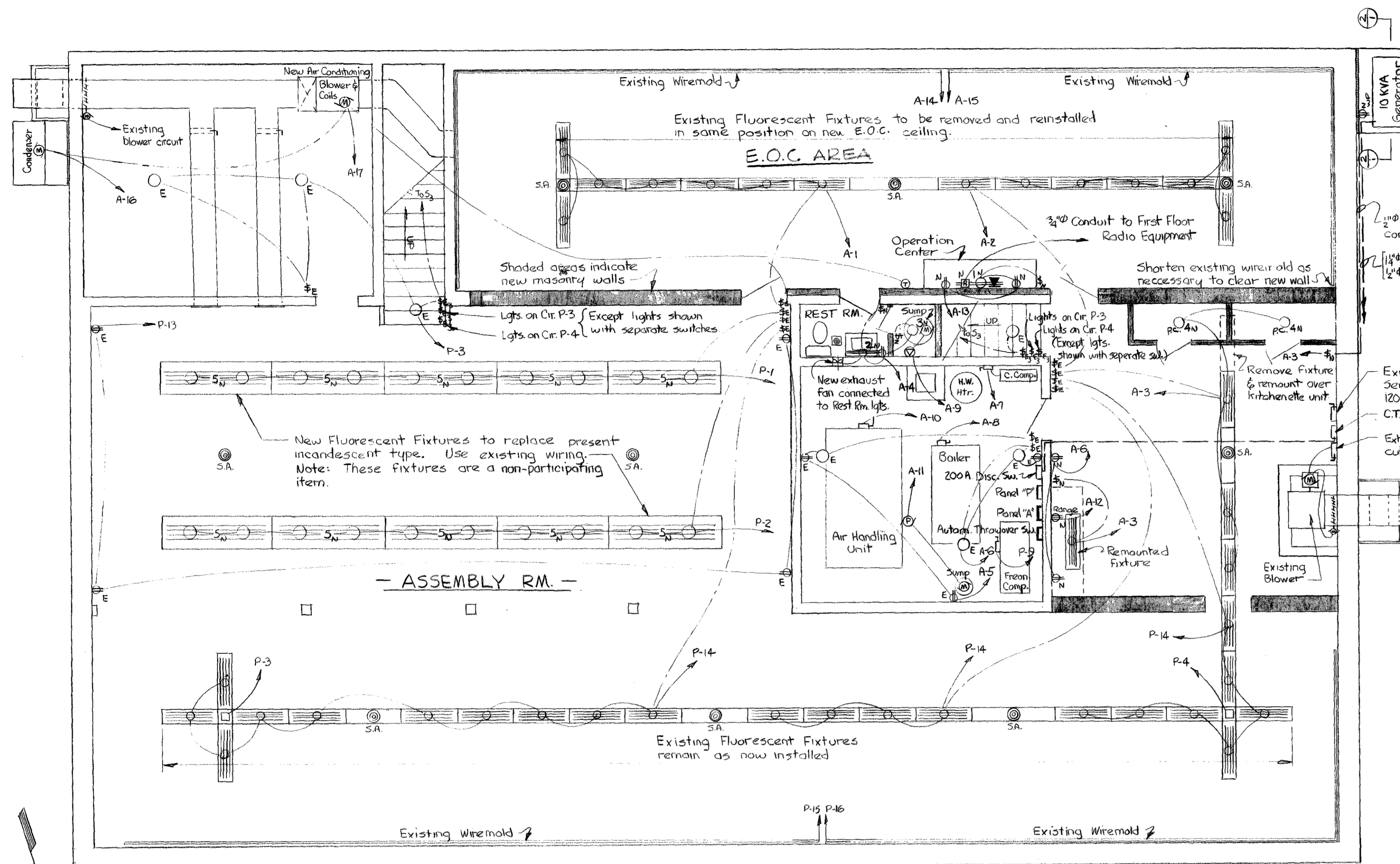
The contractor shall provide a suitable wall-mounted bracket and install thereon the ventilating equipment as specified elsewhere on this sheet. The motor and louver controls shall be inter-connected so as to operate both whenever the blower is placed in operation.

The contractor shall also make the necessary wall openings, construct area ways and furnish and install all ductwork, motor-operated shutters, filters, grills, turning vanes and control wiring. He shall provide the wood blower enclosure as shown. The enclosure shall be constructed of 3/4" plywood.

SPECIFICATIONS

Iowa State Highway Commission Specifications, Series of 1960 Part I, and Specifications for Lighting and Ventilation System at District Office Building Sioux City, Iowa.

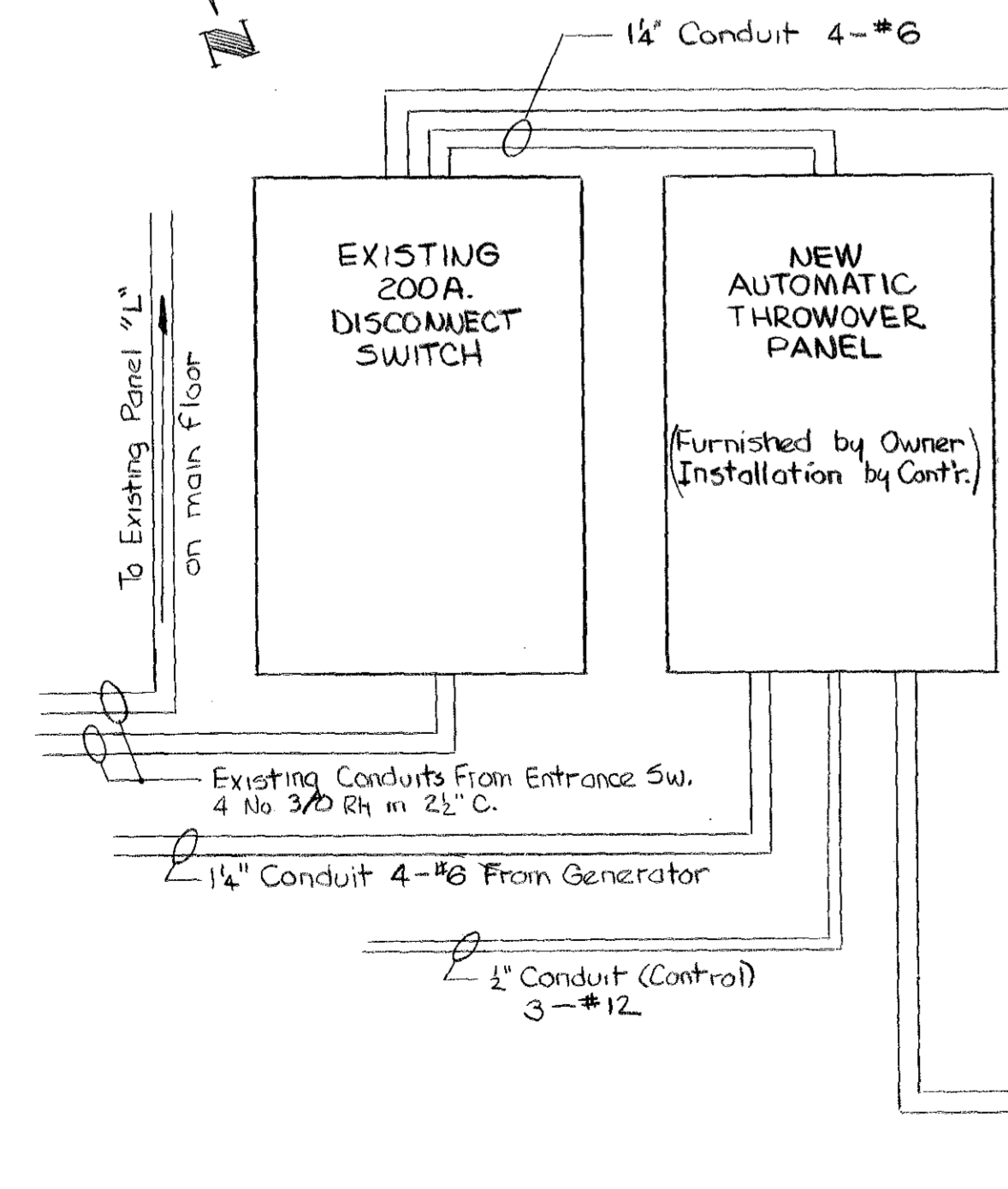
BASEMENT LIGHTING & VENTILATION		SHEET
FOR DISTRICT OFFICE BUILDING		
SIOUX CITY, IOWA		1 of 1
Project 05 Woodbury 800-81-97-170		
IOWA STATE HIGHWAY COMMISSION		DATE
		1-64



PART FIRST FLOOR PLAN
Showing Emergency Power Circuit & Radio Control Conduit
Scale: 1/8" = 1'-0"

NOTE: Subscript N denotes new fixture, outlet or switch and E denotes existing.

- BASEMENT WIRING PLAN -
Scale: 3/16" = 1'-0"

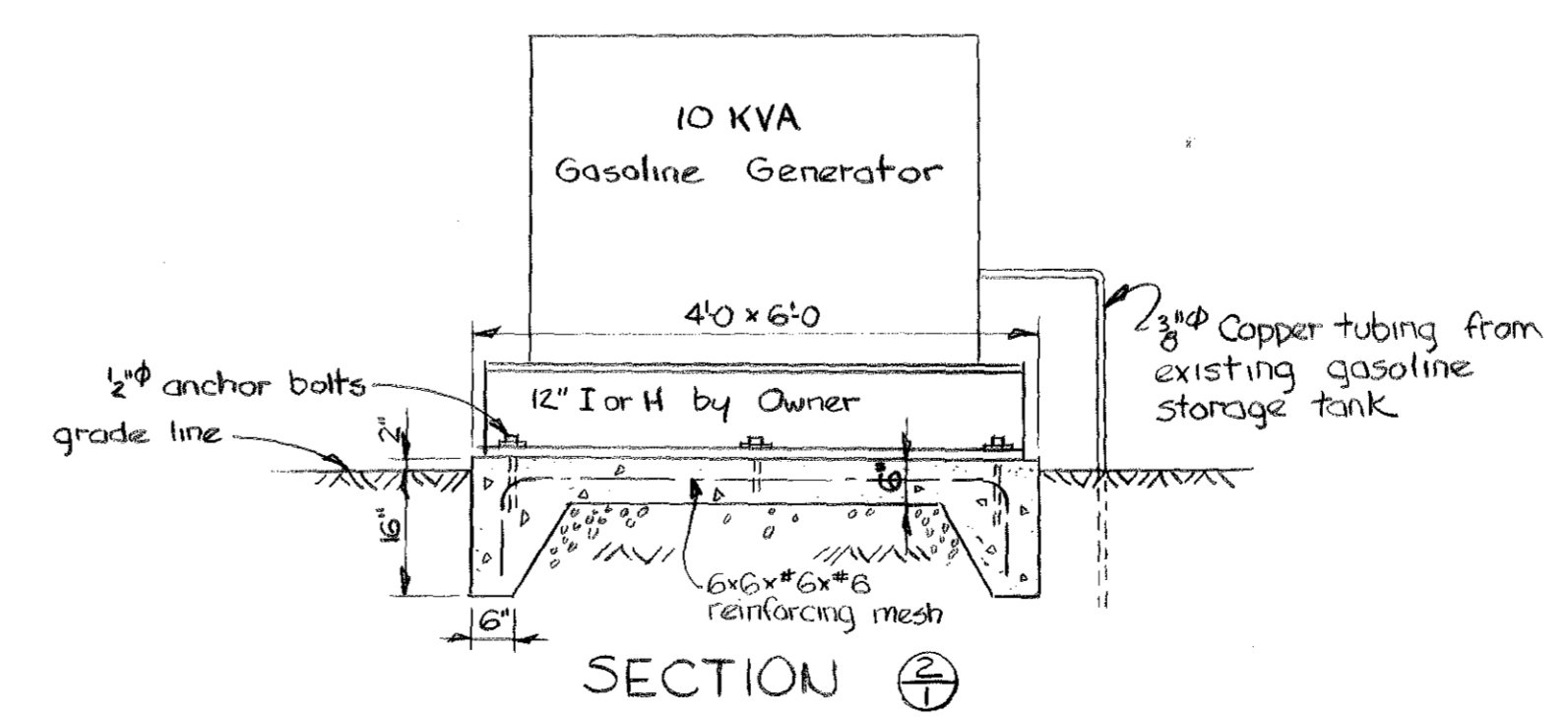


EXISTING PANEL "P"				Service
Cir. No.	Volts	Poles	Wire Size	
1	120	1	20	Lights - New fixture No.1
2	120	1	20	Lights - New fixture No.1
3	120	1	20	Lights
4	120	1	20	Lights
5	120	1	20	Spare
6	120	1	20	Spare
7	120	1	20	Spare
8	120	1	20	Spare
9	208	3	75	Freon Compressor
10	208	3	30	Spare
11	120	1	20	Spare
12	208	3	50	Spare - ?
13	120	1	20	Outlets
14	120	1	20	Lights
15	120	1	20	Wire mold Strip - North Wall
16	120	1	20	Wire mold Strip - North Wall
		2		Blank - ?

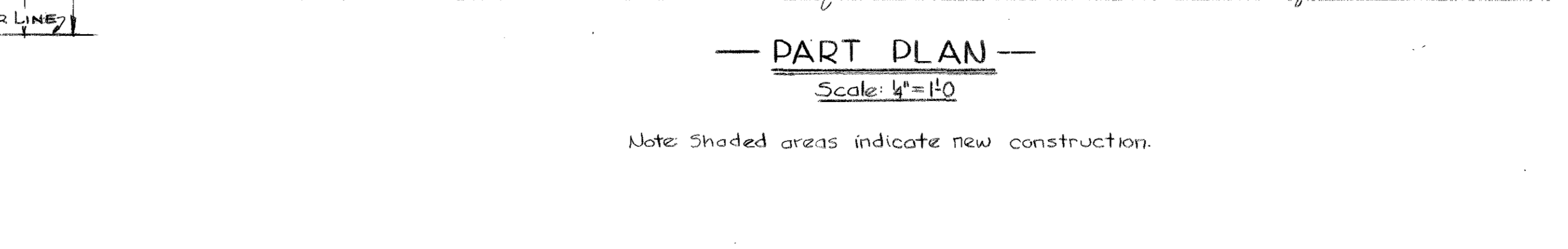
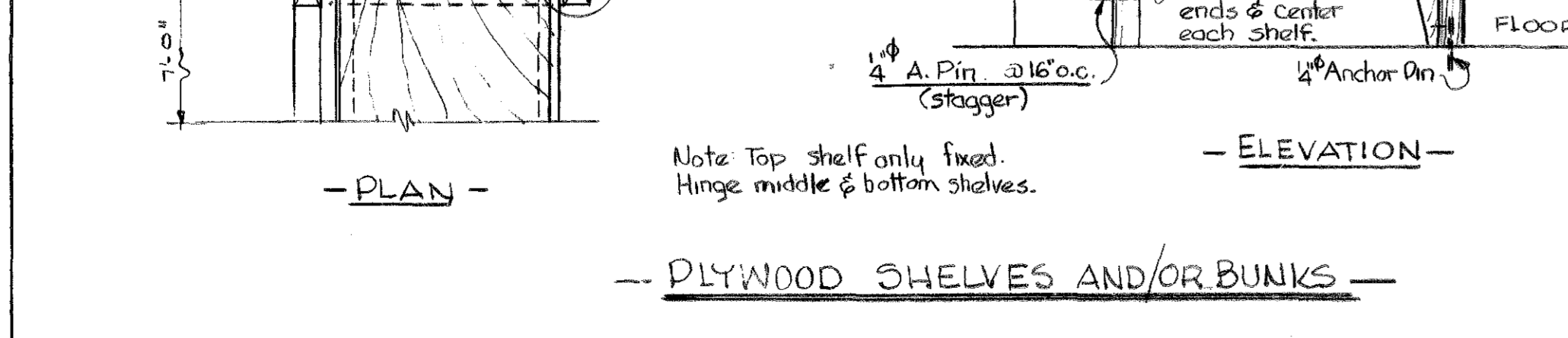
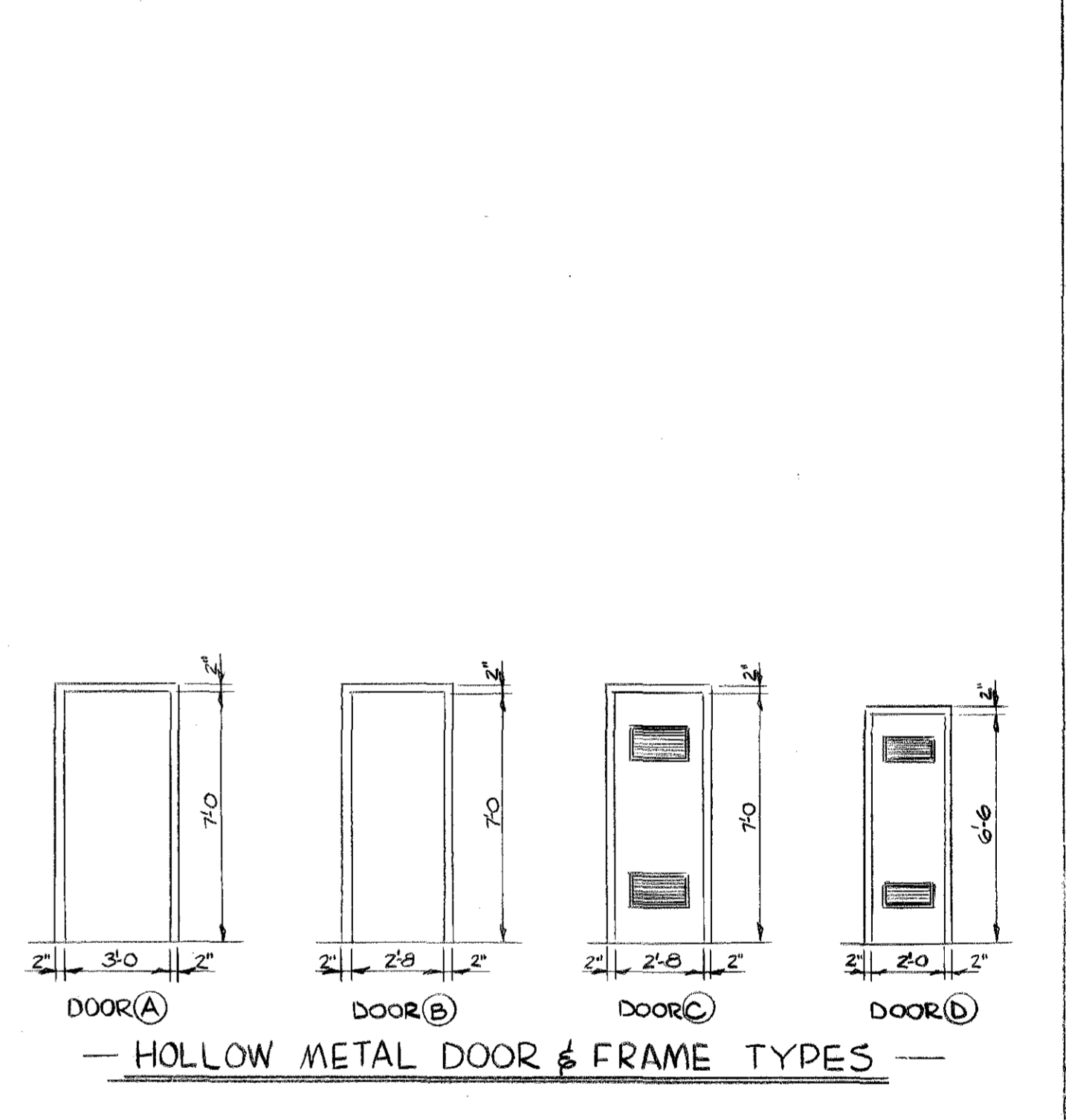
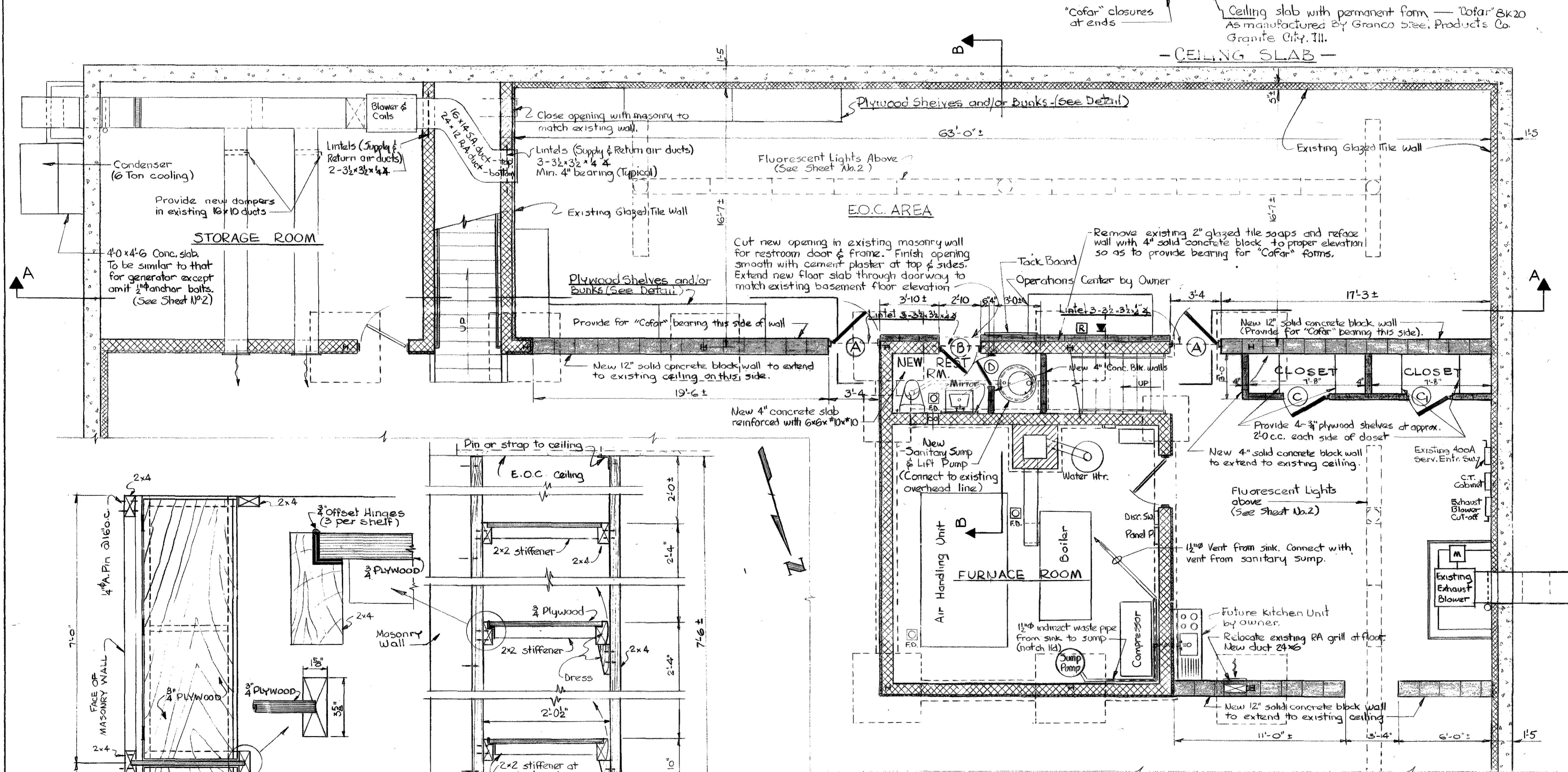
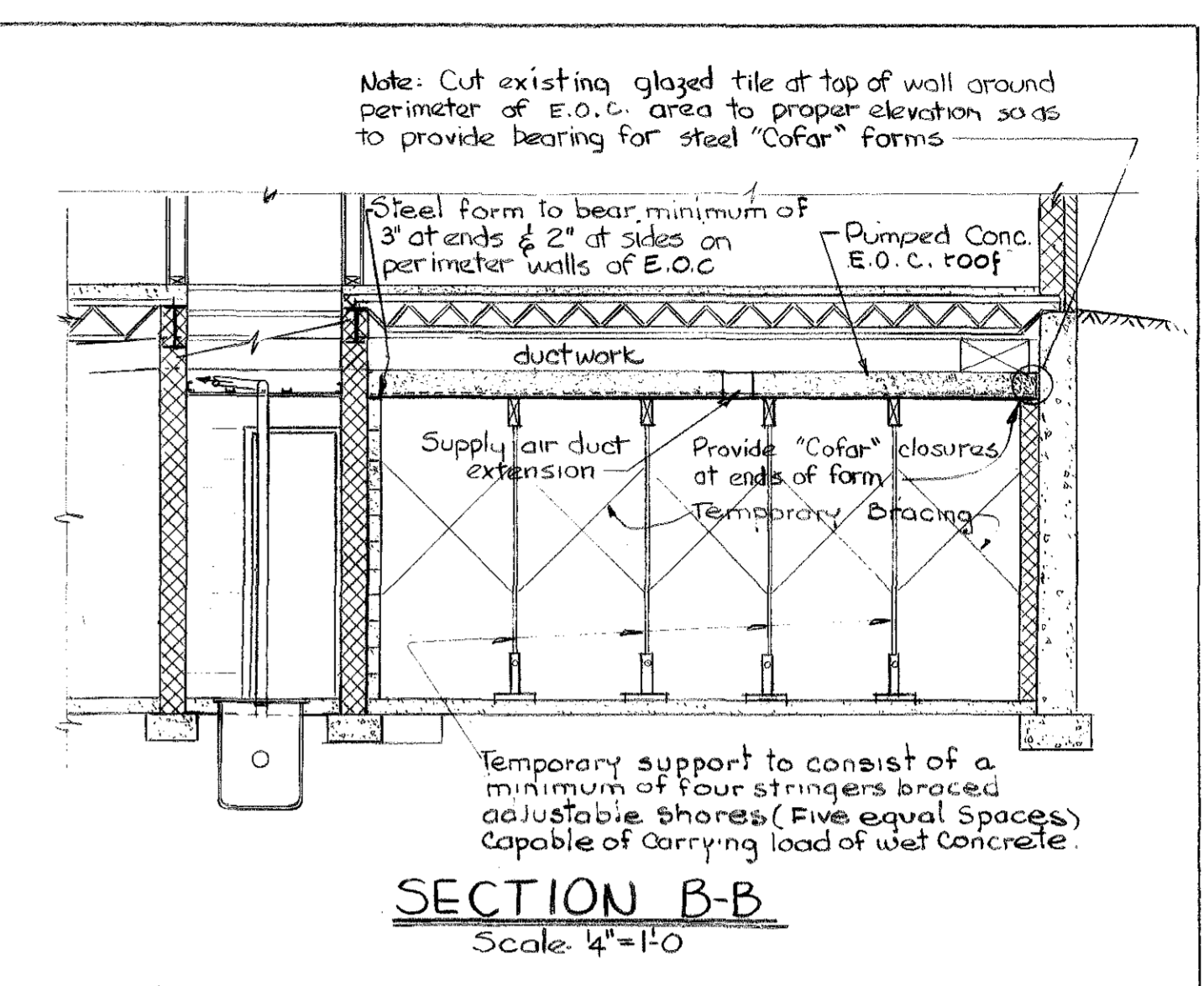
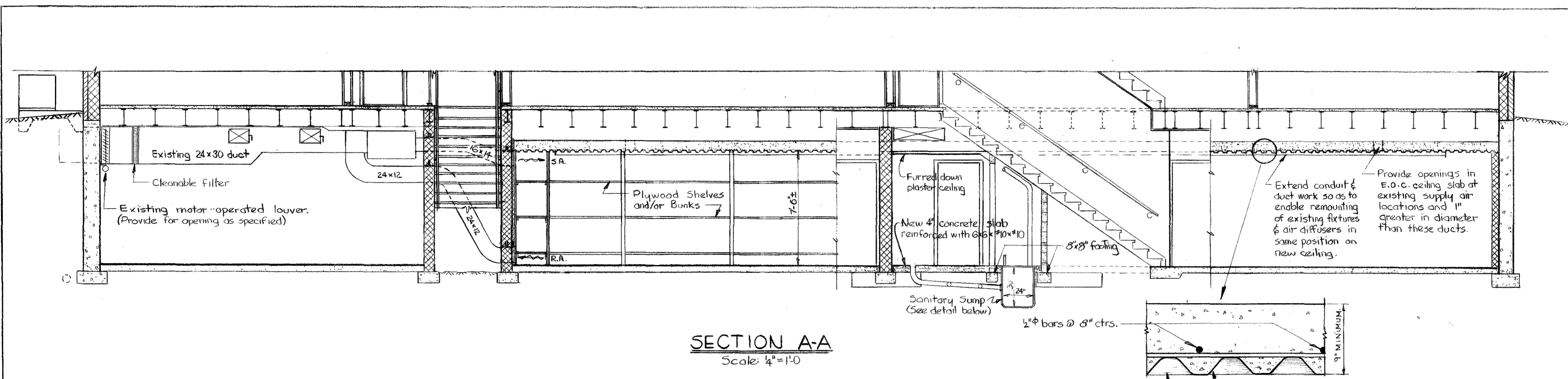
Note: Existing panel - Federal No. NS-418, 200 A. - 24 poles - or Equal. Circuits designated thus * are to be re-connected as indicated to new Panel "A". Existing circuits in this panel may not necessarily correspond to the number shown.

NEW PANEL "A"				Service
Cir. No.	Volts	Poles	Wire Size	
1	120	1	20	Lights - E.O.C. overhead
2	120	1	20	Lights - E.O.C. overhead
3	120	1	20	Lights - Kitchenette & supply Rm.
4	120	1	20	Lights, Fan & Outlets - Rest Rm.
5	120	1	20	Lights & Outlets
6	120	1	20	Lights & Outlets
7	120	1	20	Control Compressor
8	120	1	20	Boiler
9	208	2	20	Sewage Ejector Pump
10	208	3	30	Air Handling Unit (Existing)
11	120	1	20	Pumps
12	208	3	50	Range Outlet (Kitchen Chit)
13	120	1	20	Lgt. & Outlets - Operations Ctr.
14	120	1	20	Wiremold Strip - South Wall
15	120	1	20	Wiremold Strip - South Wall
16	208	3	30	Air Conditioner Condenser
17	120	1	20	Air Conditioner Blower
18	120	1	20	Radio Equip. Outlets - First Flr.
19	120	1	20	Spare
20	120	1	20	Spare
		3		Blank

30 Circuit 100A 3P4 Wire 120/208 5/0 with door, index and breakers equal to Frank Adam LCQP30-4L10. Note: Locate Panel A as near existing Panel P as possible to avoid splicing of reconnected branch feeders, if possible.



EMERGENCY OPERATING CENTER FOR DISTRICT THREE OFFICE BUILDING.		Sheet
SIOUX CITY, IOWA.		2 OF 2
Project OS Woodbury 800-81-97-170		DATE
IOWA STATE HIGHWAY COMMISSION		3-65
Woodbury County	File No. 170	



EMERGENCY OPERATING CENTER FOR DISTRICT THREE OFFICE BUILDING, SIOUX CITY, IOWA		SHEET 1 of 2
Project 05 Woodbury 800-81-97-170		
IOWA STATE HIGHWAY COMMISSION		DATE 3-65
Woodbury County	File No 170	

Note: Top shelf only fixed. Hinge middle & bottom shelves.

Note: Shaded areas indicate new construction.