

AS-BUILTS: B9400

DRAWING NUMBER

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DRAWING NUMBER

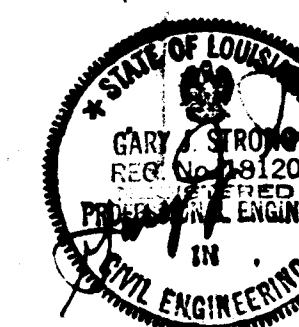


Air Force Base

PROJECT TITLE
CAPRE/OFFICE
BLOG - WTC
AWP/2
PROJECT NUMBER 87-0120

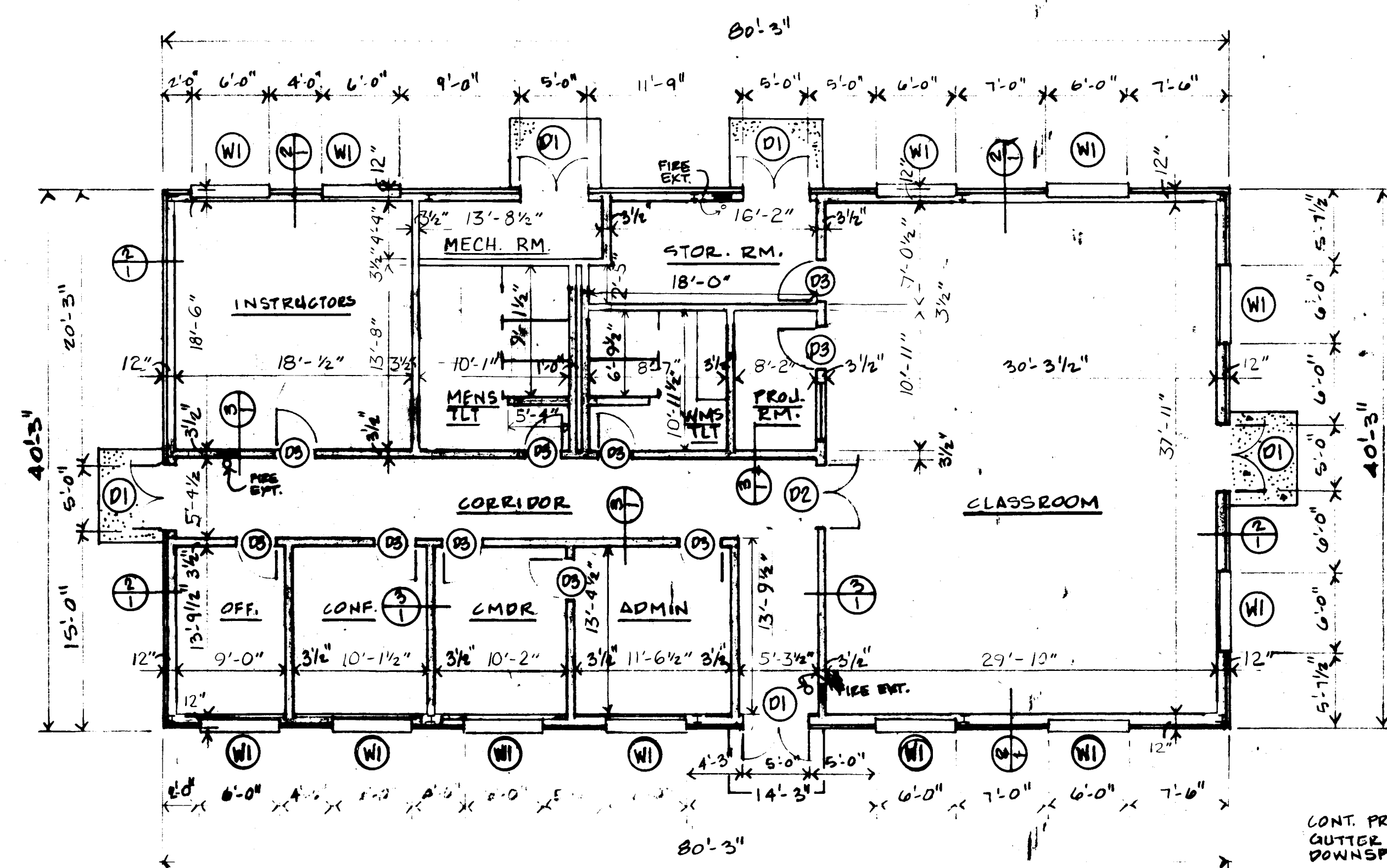
APPROVED
BASE COMMANDER
RECOMMENDED
BASE CIVIL ENGINEER
DESIGNED
CHIEF OF ENGINEERING
CONSTRUCTION ENGINEER
CONSTRUCTION MANAGEMENT
ENVIRONMENTAL ENGINEER
GRASS SAFETY
FIRE CHIEF
COMMUNICATIONS
USE AGENCY

PROFESSIONAL SEAL



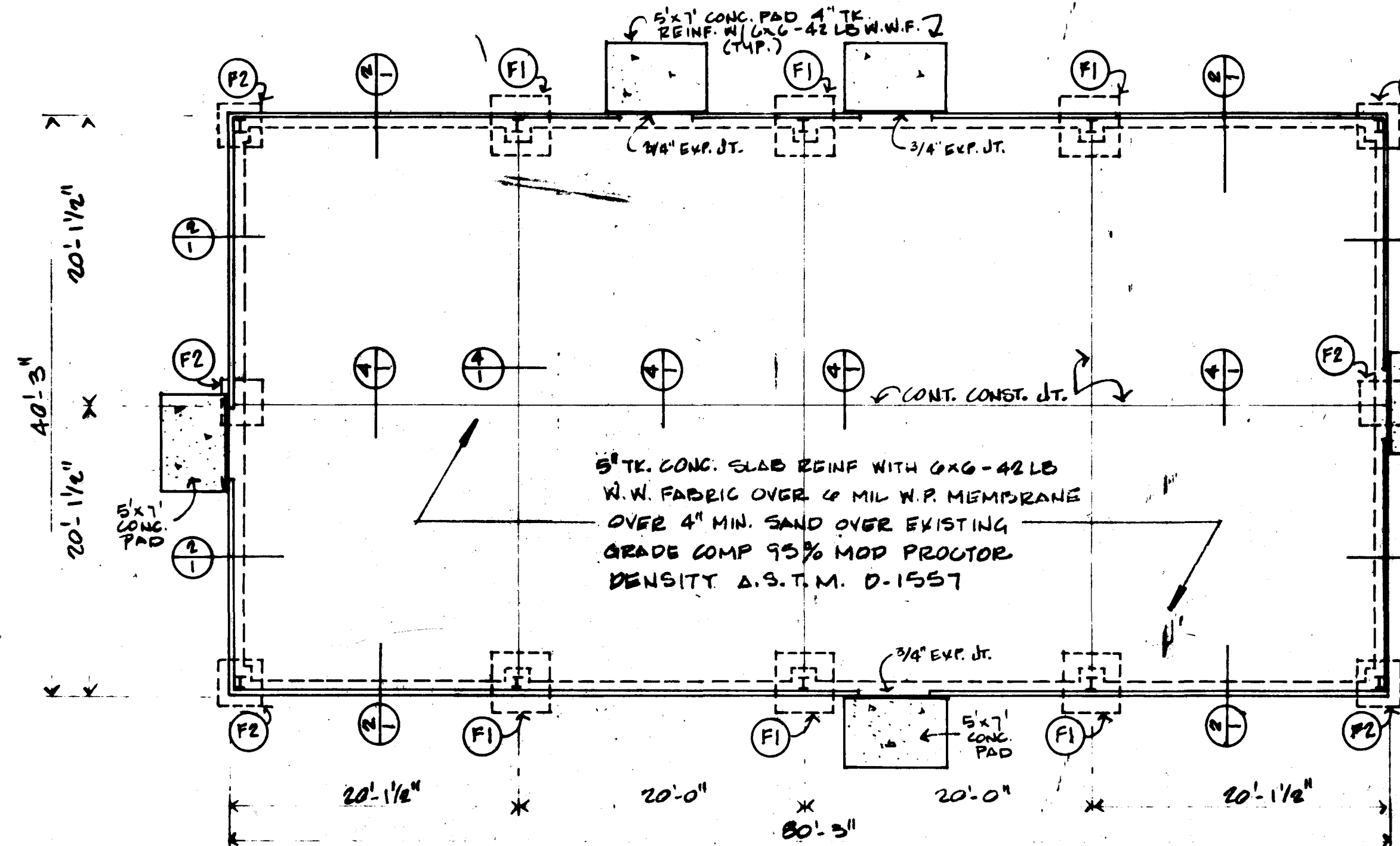
SHEET TITLE
FLOOR PLAN, FDN.
PLAN, SECTION,
AND ELEVATIONS

DATE	AS	DATE	JAN 1989
DESIGNED	AS	DATE	AS NOTED
SHEET	1	OF	1



FLOOR PLAN

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

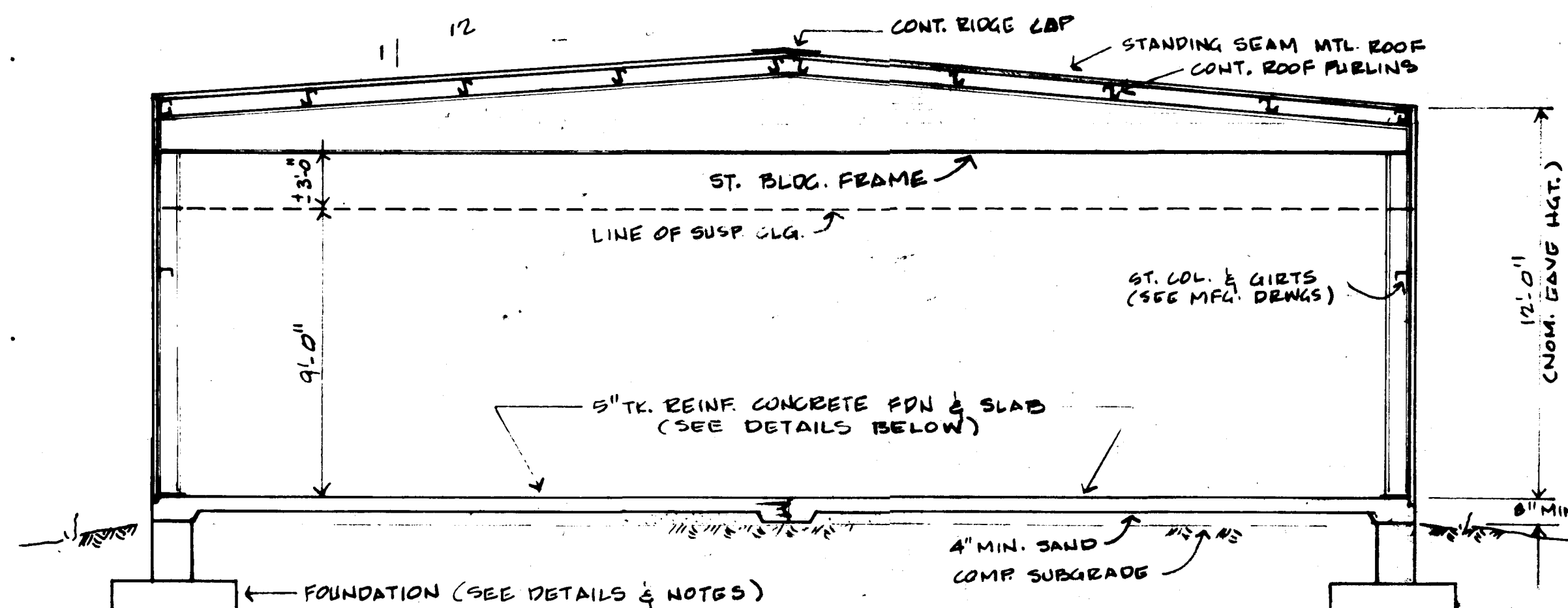


FOUNDATION PLAN

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

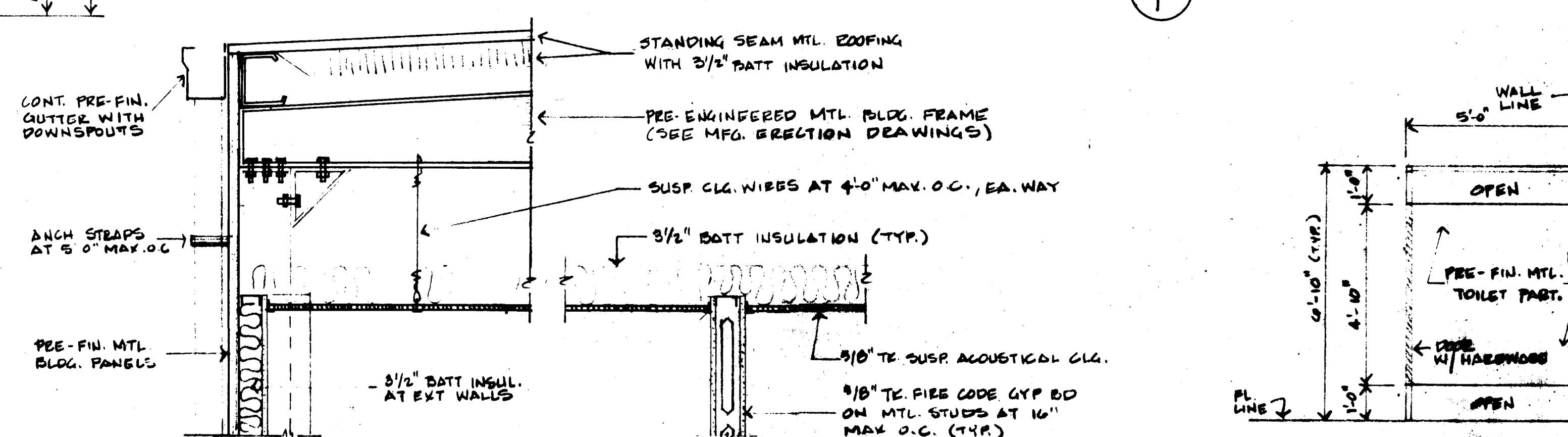
GENERAL NOTES:

1. THIS PROJECT IS A SELF-HELP OR M-HOUSE PROJECT. THE USER AGENCY SHALL ASSUME RESPONSIBILITY FOR COORDINATING THE VARIOUS ASPECTS OF WORK WITH THE APPROPRIATE AIR FORCE ORGANIZATIONS.
2. AS A SELF-HELP PROJECT, SOME DESIGN DATA, DETAILS, ETC. HAVE BEEN OMITTED IN ORDER TO PROVIDE THE USER AGENCY WITH SOME FLEXIBILITY DURING CONSTRUCTION. THE USER AGENCY SHALL ASSUME RESPONSIBILITY FOR THE GENERAL QUALITY OF WORK.
3. PROVIDE TERMITE PROTECTION UNDER FOUNDATION EXCAVATION PRIOR TO POURING CONCRETE.
4. PROVIDE SEMI-RECESSED FIRE EXTINGUISHER CABINETS AND HALON 1301 FIRE EXTINGUISHERS.
5. ALL CONCRETE FOR FOUNDATION SHALL HAVE A MIN. COMPRESSIVE STRENGTH OF 3000 PSI.
6. ALL 3/8" SUSP. CLG. AT CORRIDORS SHALL BE FIRE RATED WITH FIRE RATED ASSEMBLIES.
7. ALL INTERIOR PARTITIONS TO BE 5/8" THICK FIRE CODE GYP. BD. ON 20 GA. MTL STUDS @ 16" MAX. O.C.
8. UNLESS OTHERWISE NOTED, PROVIDE 3/2" TH. FIBERGLAS INSUL. AT ALL EXTERIOR WALLS & CLG.
9. THE PROJECT ENGINEER SHALL INSPECT AND APPROVE ALL FOUNDATION EXCAVATIONS PRIOR TO POURING CONCRETE FOR THIS BLDG.
10. UNLESS OTHERWISE NOTED, ALL BLDG. MATERIALS TO BE NON-COMBUSTIONABLE.
11. VERIFY SITING REQUIREMENTS AND UTILITY REQUIREMENTS WITH BARKSDALE AFB, 2054/DE.



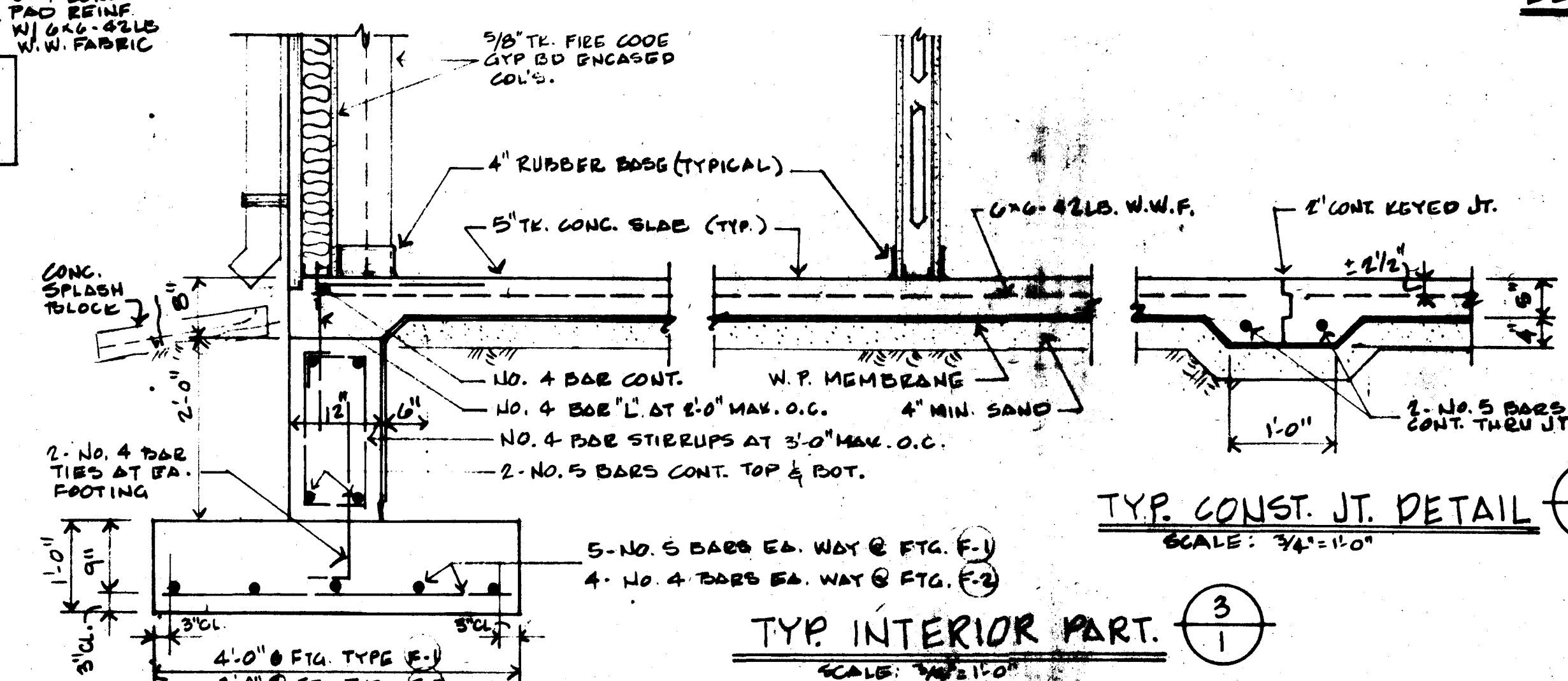
BUILDING SECTION

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



ELEV. OF TYP. TOILET PART.

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



TYP. INTERIOR PART.

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

TYP. EXTERIOR WALL SECT.

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



Air Force Base

PROJECT TITLE
CADRE/OFFICE
BLDG - WTC
ANUP
PROJECT NUMBER 89-0120

APPROVED
BASE COMMANDER
RECOMMENDED
BASE CIVIL ENGINEER
SUBMITTED
CHIEF OF ENGINEERING
CORROSION ENGINEER
CONSTRUCTION MANAGEMENT
BIOENVIRONMENTAL ENGINEER
GROUND SAFETY
FIRE CHIEF
COMMUNICATIONS
USING AGENCY

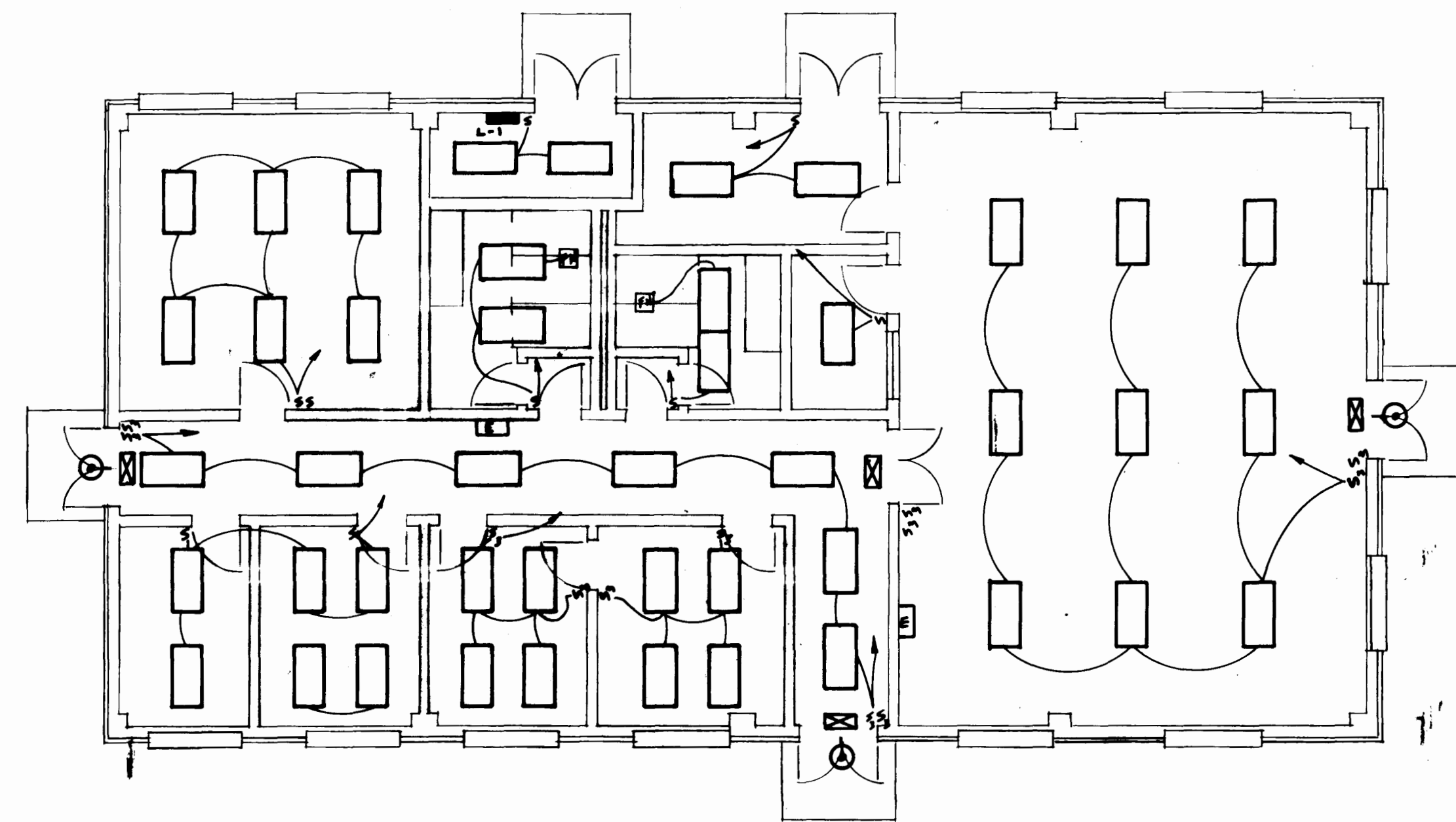
PROFESSIONAL SEAL

SHEET TITLE
ELECTRICAL,
FIRE ALARM &
TELEPHONE
LAYOUT

Drawn	STACK	DATE	18 AUG 89
Designed		Scale	1/8" = 1'-0"
SHEET	2	OF	2

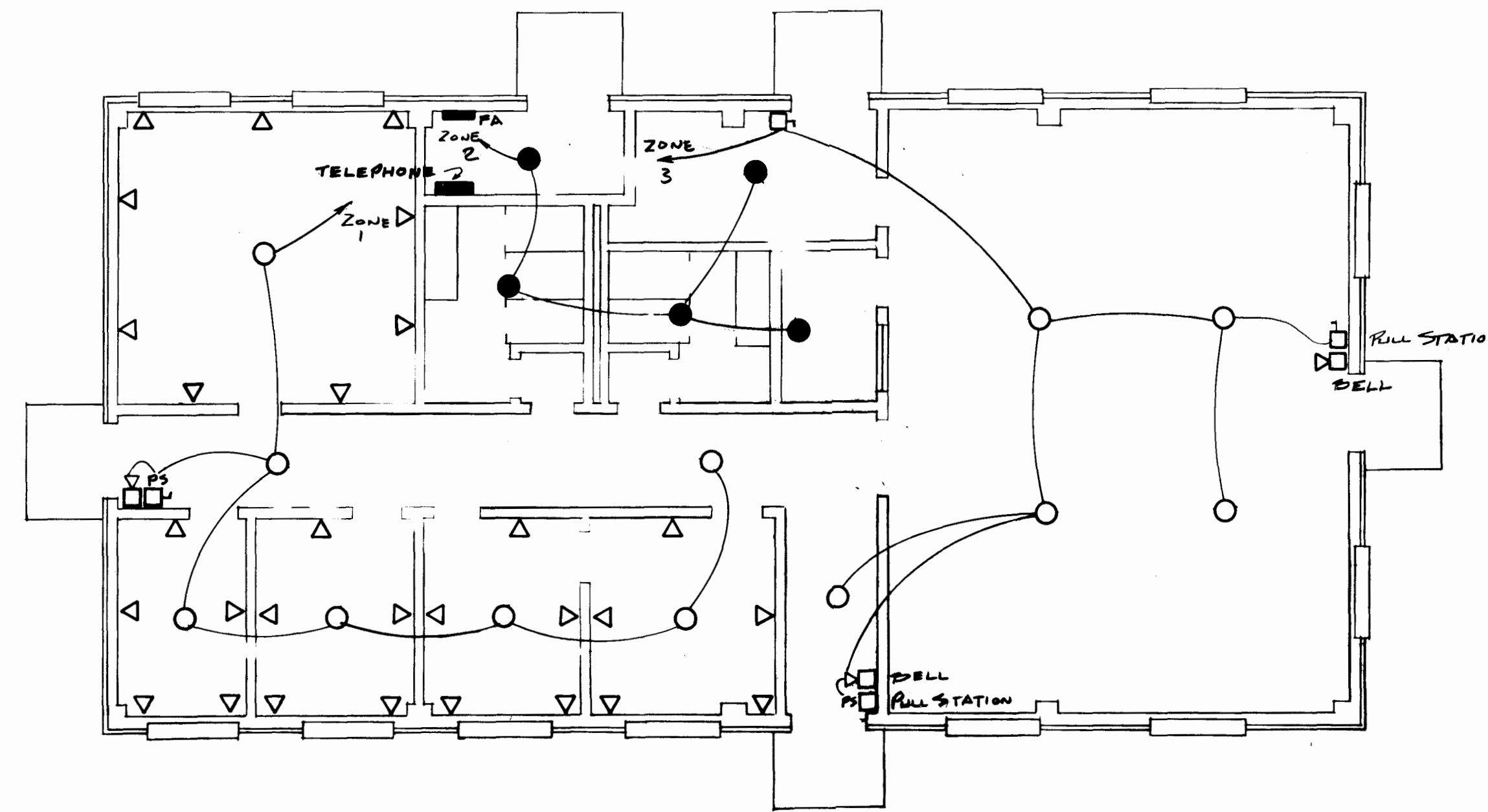
Revisions	By	Date
FD & BUILT	JES	19/15/89
AS BUILT	JS	5/15/91

DRAWING NUMBER



ELECTRICAL - LIGHTING PLAN

1/8" = 1'-0"



FIRE ALARM & TELEPHONE LAYOUT

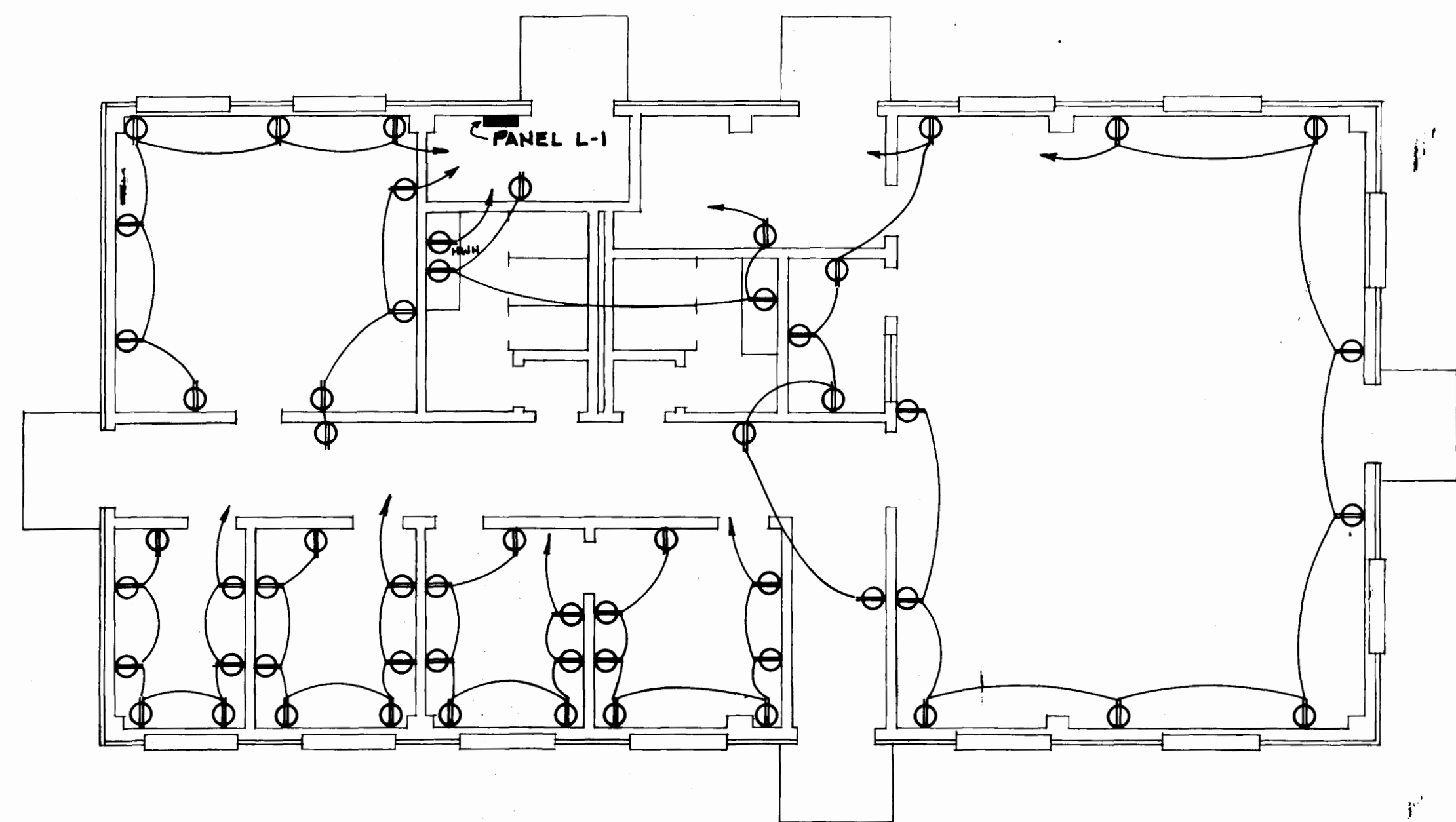
1/8" = 1'-0"

NOTE:

1. ZONE 2 HAS 170° FIXED TEMP DETECTORS. / ALL OTHERS RATED 135°

LEGEND ~

- 2x4 4 TUBE LAY-IN LIGHT
- WALL BRACKET LIGHT w/ PHOTO CELL
- EXIT LIGHT w/ BATTERY PACK
- EMERGENCY LIGHT
- SWITCH, 3-WAY SWITCH
- OUTLET
- PANEL, ELECTRICAL, TELEPHONE
- PANEL, FIRE ALARM + TRANSCEIVER
- EXHAUST FAN
- PULL STATION
- ALARM BELL, AUDIOVISUAL
- 170° TEMP. DETECTOR
- 135° TEMP. DETECTOR
- TELEPHONE OR COMMUNICATIONS OUTLET;
MINIMUM 3/4 EMT.



ELECTRICAL - OUTLET PLAN

1/8" = 1'-0"



2	
---	--

	2 X 4
	2 TUBE LAY-IN
	WALL BRACKET LIGHT
	WITH PHOTO CELL
	EXIT LIGHT W/BATTERY PACK
	EMERGENCY LIGHT
	INCANDESCENT FIXTURE
	SINGLE POLE SWITCH
	3-WAY SWITCH
	EXHAUST FAN



Barksdale Air Force Base

PROJECT TITLE

PROJECT NUMBER

APPROVED

BASE COMMANDER

RECOMMENDED

BASE CIVIL ENGINEER

SUBMITTED

CHIEF OF ENGINEERING

CONSTRUCTION ENGINEER

CONSTRUCTION MANAGEMENT

ENVIRONMENTAL ENGINEER

GROUND SAFETY

FIRE CHIEF

COMMUNICATIONS

USING AGENCY

PROFESSIONAL SEAL

SHEET TITLE

Drawn

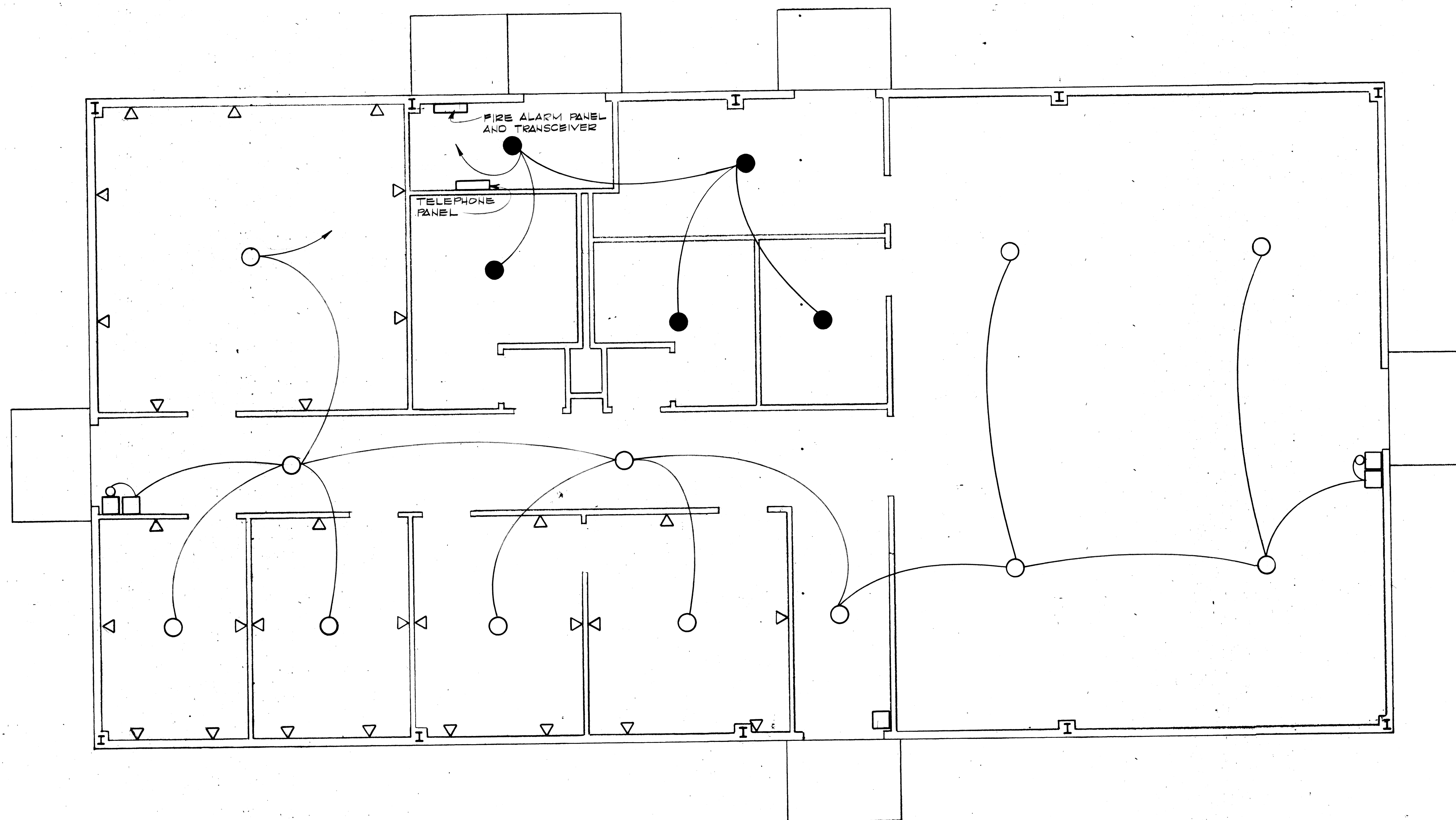
Date

Designed

Scale

SHEET

OF



FIRE ALARM AND COMMUNICATION LAYOUT

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

DRAWING NUMBER	DRAWING NUMBER	DRAWING NUMBER	DRAWING NUMBER
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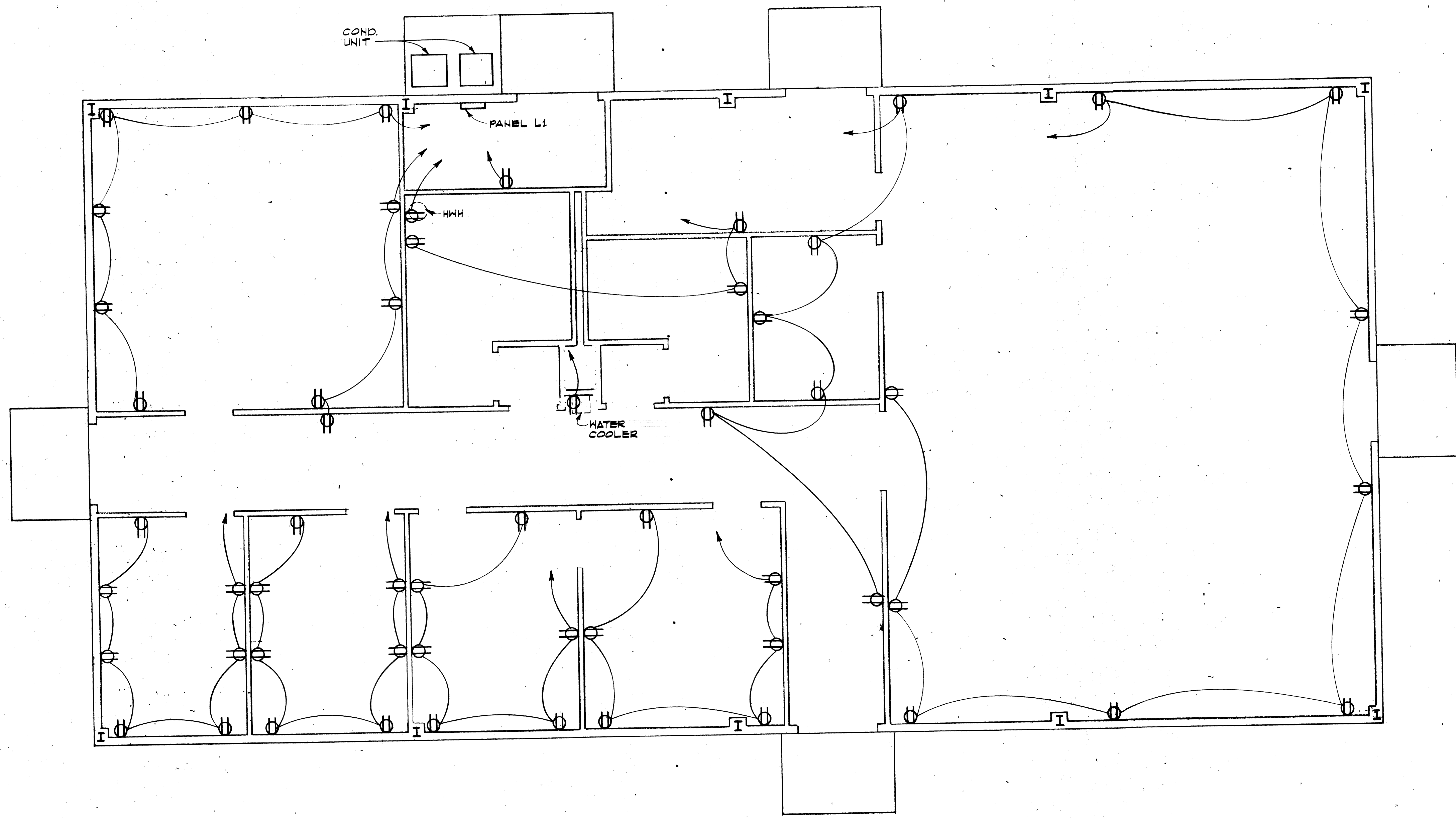
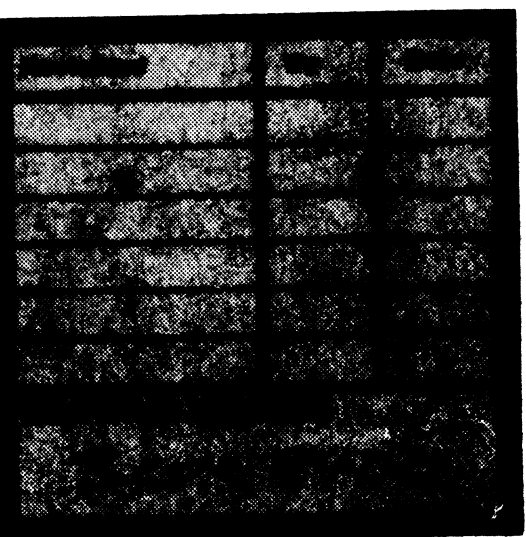


**Barksdale
Air Force Base**

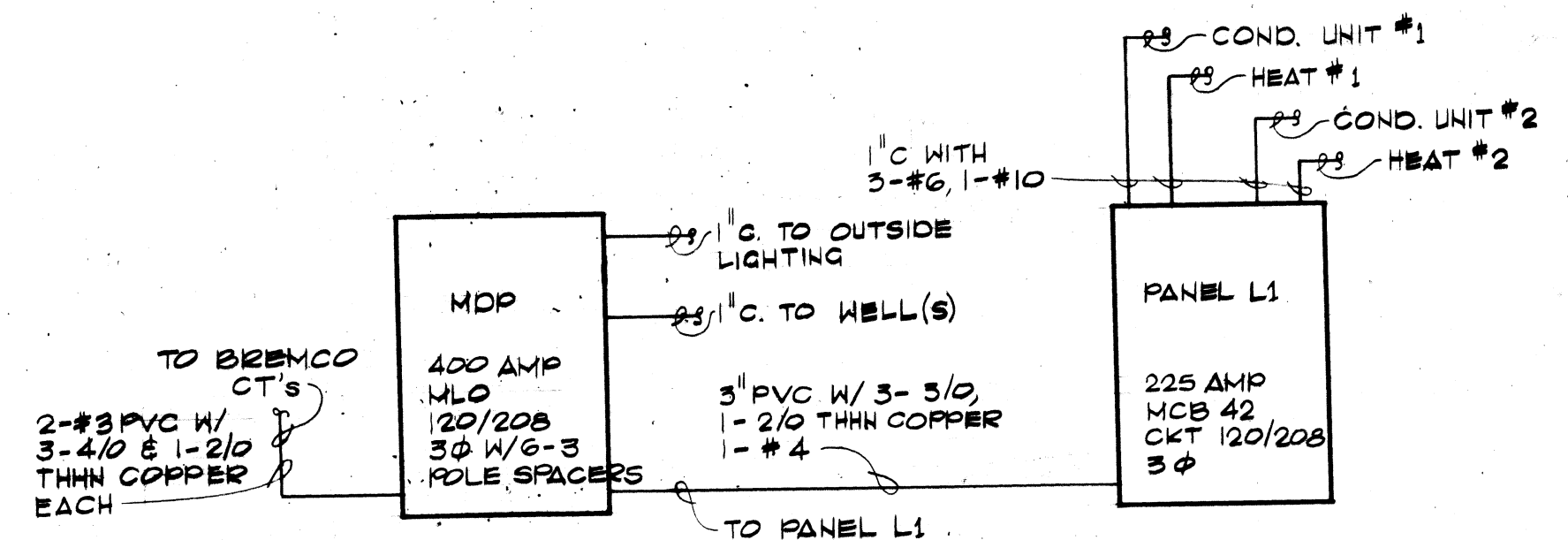
PROJECT TITLE
PROJECT NUMBER
APPROVED
BASE COMMANDER
RECOMMENDED
BASE CIVIL ENGINEER
SUBMITTED
CHIEF OF ENGINEERING
CORROSION ENGINEER
CONSTRUCTION MANAGEMENT
BIOENVIRONMENTAL ENGINEER
GROUND SAFETY
FIRE CHIEF
COMMUNICATIONS
USING AGENCY

PROFESSIONAL SEAL

SHEET TITLE	
POWER PLAN	
Drawn	Date
LDS	3/89
Designated	Scale
SHEET	OF
1	

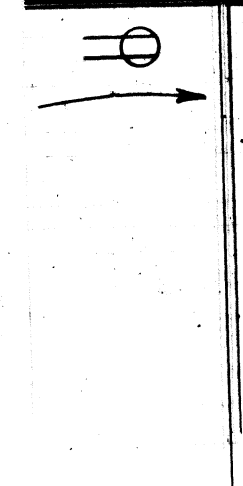


POWER PLAN SCALE: 1/4" = 1'-0"



SINGLE LINE RISER DIAGRAM NOT TO SCALE

LEGEND



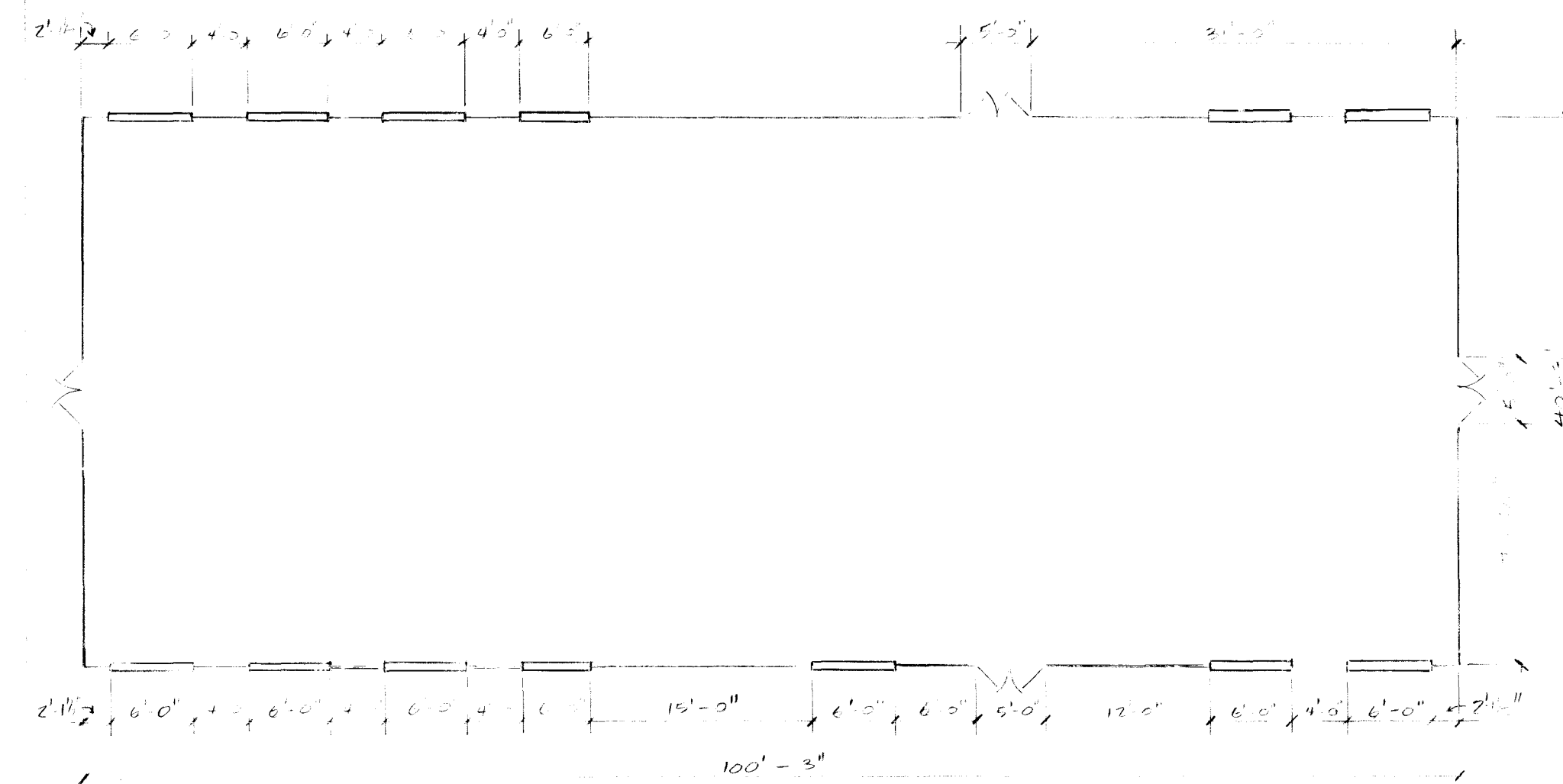
AS-BUILTS: B9412

USING AGENCY

Drawn <i>Stack</i>	Date <i>3 Aug 80</i>
Designed	Scale <i>As Shown</i>
SHEET	OF
<i>1</i>	<i>1</i>

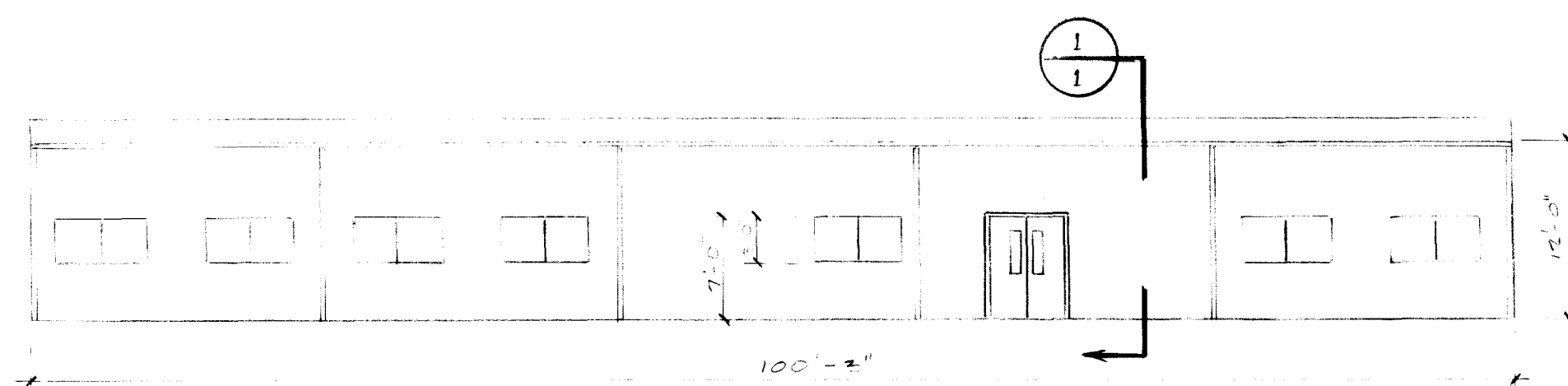
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BUDG 9412

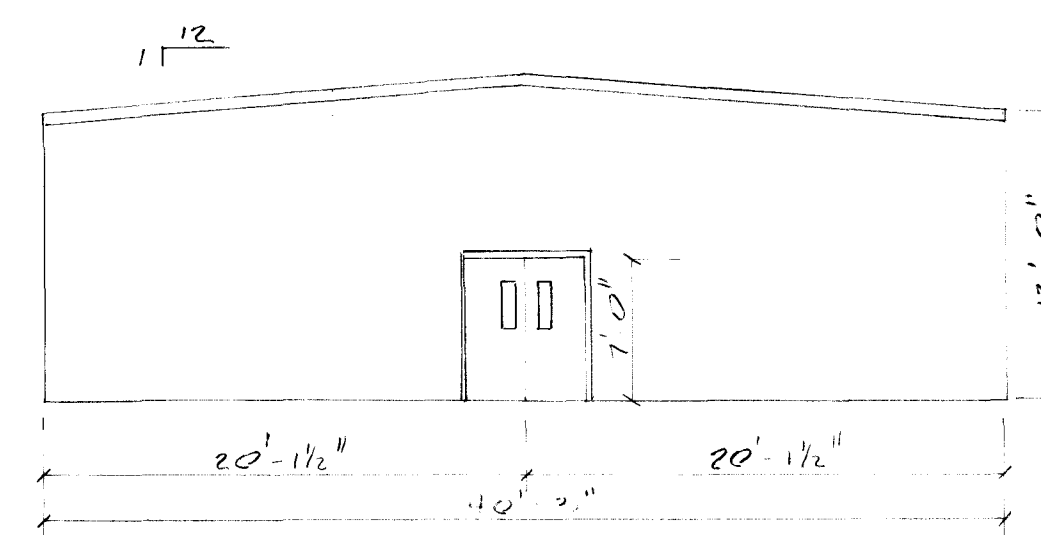

$$\frac{1}{8} = 1 - 0$$

BARKSDALE AFB, LA
9 JAN 90

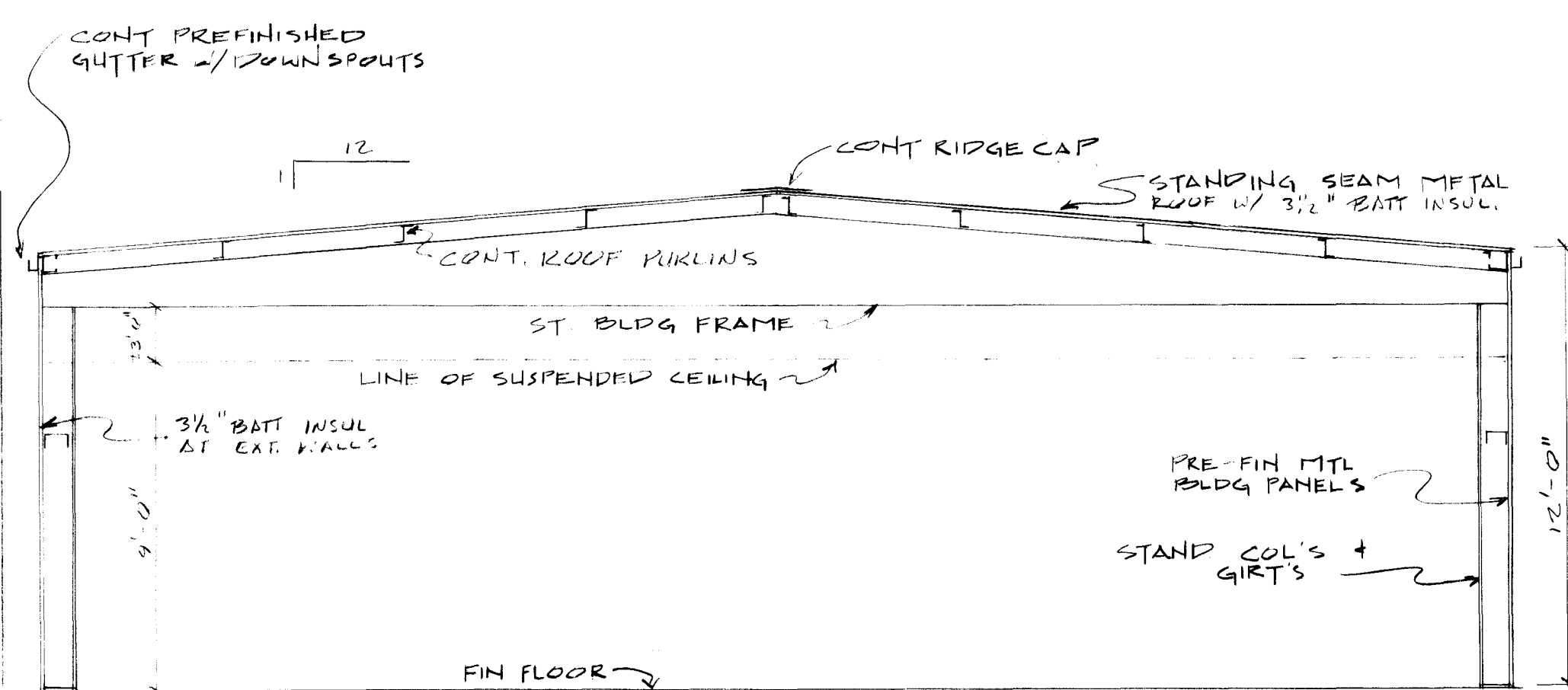
2. DOORS - PAIR 2'-0" x 7'-0" x 1 3/4" 16 GA. HOLLOW METAL WITH 14 GA STEEL FRAMES WITH ALL HARDWARE, INCLUDING CLOSURES, HINGES, PANIC HARDWARE DEVICE, AND LOCKS.


$$1/8 = 1 - 0$$

BARNSDALE AFB, LA
9 Jan 90 #3


$$1/8'' = 1'-0''$$

BARKSDALE AFB, LA
9 JAN 90 #2


$$\frac{1}{4}'' = 1'-0$$

BARKSDALE AFB, LA
9 JAN 90 #4

AS-BUILTS: B9414

BARKSDALE
Air Force Base
LOUISIANA

APPROVED

SIGNATURE OFFICE

COORDINATION

A. J. [Signature]

Design Firm

DESIGN FIRM

Designer: GAS Project Manager: STACK

Drafter: RAB Date: MAY 90

REVISION BY/DATE

SHEET TITLE

FOUNDATION
PLAN AND DETAILS

SHEET OF 5

PROJECT TITLE

SELF-HELP PROJECT
CONSTRUCTION
AUDITORIUM

PROJECT NUMBER

LWJPS 90-0116

Drawing Number: B90-9414

Sheet Number: 9414

80'-3"

20'-1 1/2"

20'-0"

20'-0"

20'-1 1/2"

TYP 5'0" x 5'0" x 1'0" DEEP SPREAD FOOTINGS WITH 5-#6 BARS EACH WAY. SEE SECTION (A)

6" THICK REINFORCED CONCRETE SLAB W/ 6x6 #42 WWF OVER 6 MIL POLYETHYLENE VAPOUR BARRIER OVER 6" MIN SAND OVER STABILIZED SOIL FILL AS REQUIRED TO COMPACT TO WITHIN 90% MODIFIED PROCTOR DENSITY ASTM D-1557

6"x7" CONC PAD AT DOOR

6"x7" CONC PAD AT DOOR

THICKENED SLAB

SECTION - THICKENED SLAB SCALE: 1/2" = 1'-0"

SECTION - GRID BEAM SCALE: 1/2" = 1'-0"

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

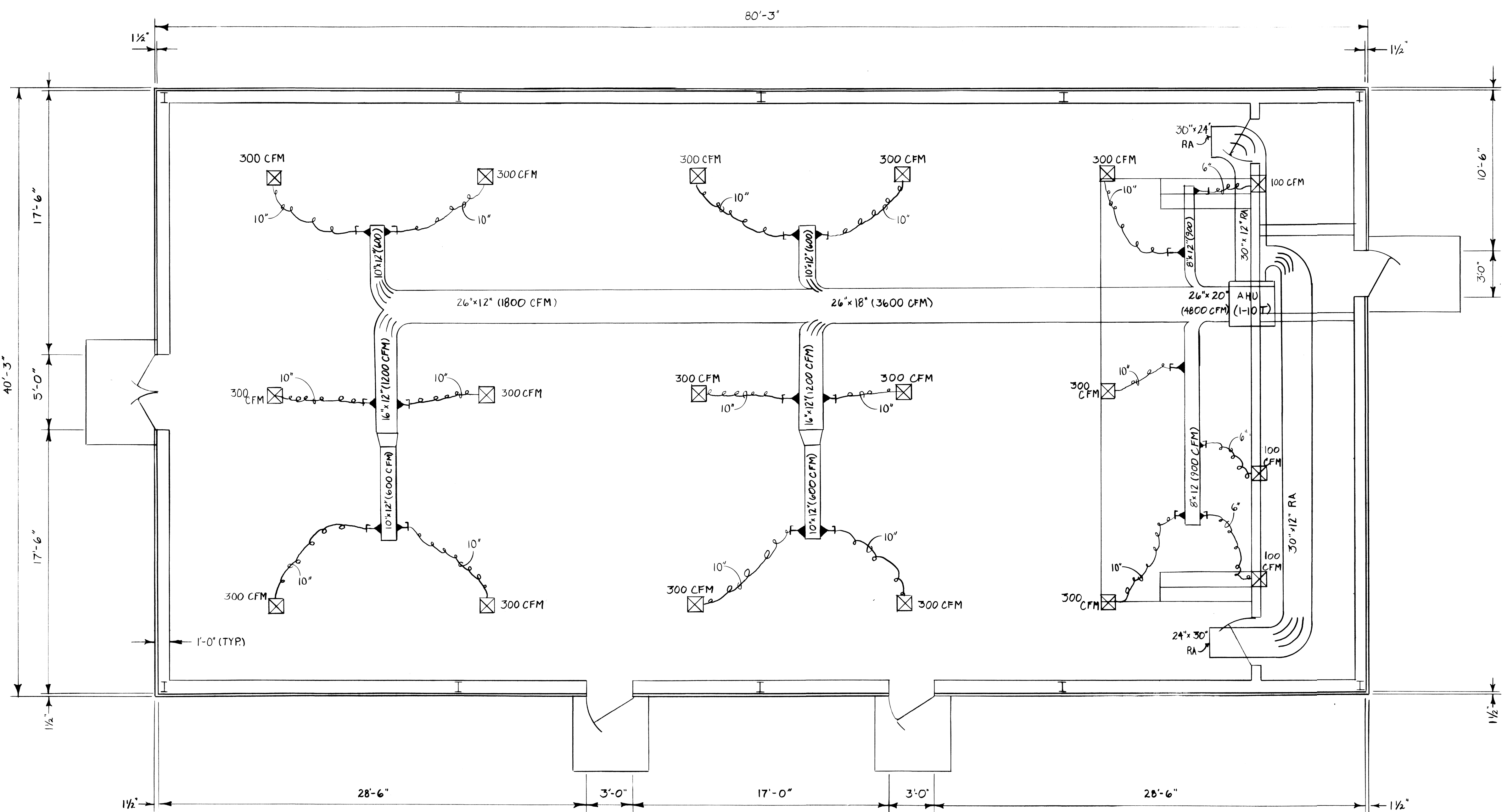
NOTES:

- ALL CONCRETE FOR FOUNDATION TO BE 3000 PSI AT 28 DAY TEST
- ALL FOUNDATION EXCAVATIONS, REINFORCING STEEL, ETC. TO BE INSPECTED BY ENGINEER PRIOR TO POURING CONCRETE
- ALL CONCRETE SHALL HAVE TROWELLED SMOOTH FINISH
- ALL SUBGRADE UNDER FOOTINGS AND FOUNDATIONS TO BE COMPACTED TO WITHIN 90% MODIFIED PROCTOR DENSITY (ASTM D-1557)
- PROVIDE FOR DEWATERING OF EXCAVATIONS FROM SURFACE WATER OR SEEPAGE PRIOR TO POURING CONCRETE.

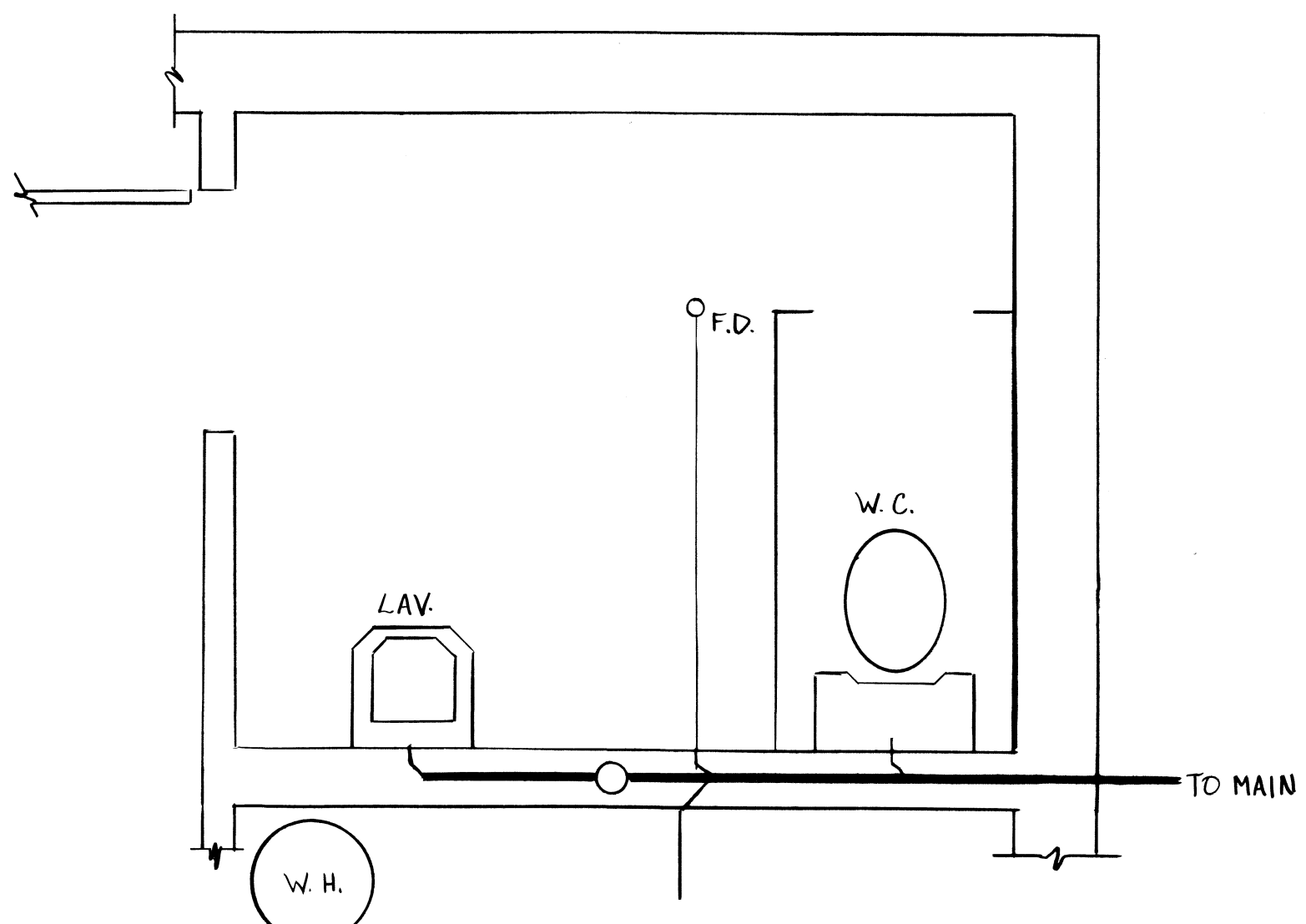
TYPICAL STIRRUP DETAIL
NO SCALE

(A) SECTION - GRID BEAM
SCALE: 1/2" = 1'-0"

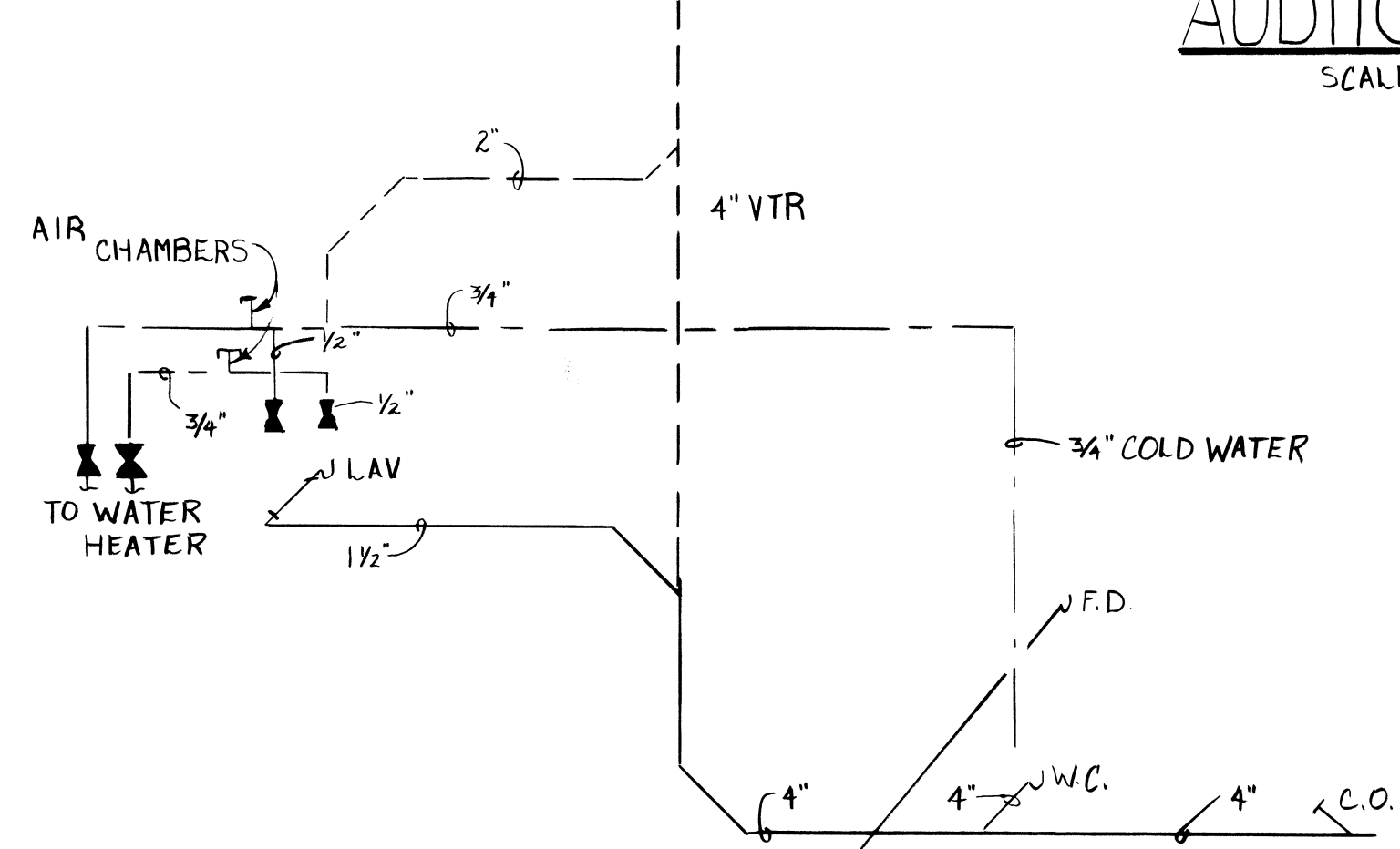
(B) SECTION - THICKENED SLAB
SCALE: 1/2" = 1'-0"



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



PARTIAL FLOOR PLAN - LATRINE
SCALE: 1/2" = 1'-0"



PLUMBING RISER
NO SCALE

LEGEND

- 20" x 25" DUCT, INSULATED
- 10" x 12" DUCT, FLEX W/ DIFFUSER
- SPIN IN FITTING WITH SCOOP & DAMPER
- THERMOSTAT
- AHU AIR HANDLING UNIT (10 TON)
- VENT PIPING
- DRAIN
- COLD WATER SUPPLY
- HOT WATER SUPPLY
- CLEAN OUT
- VENT THRU ROOF
- WATER HEATER
- GATE VALVE
- LAVATORY
- WATER CLOSET
- FLOOR DRAIN



BARKSDALE
Air Force Base
LOUISIANA

APPROVED
SIGNATURE OFFICE

COORDINATION

DESIGN FIRM

Designer: STACK
Drafter: REIHMAN
Project Manager: STACK
Date: 7 FEB 71

REVISION BY/DATE

SHEET TITLE
HVAC &
PLUMBING PLAN

SHEET 3 OF 5

PROJECT TITLE
SELF-HELP PROJ.
CONSTRUCT
AUDITORIUM

PROJECT NUMBER: AWUB 90-0116
Drawing Number: B-90-9414
Facility Number: 9414

DRAWING NUMBER

DRAWING NUMBER

DRAWING NUMBER

DRAWING NUMBER



BARKSDALE
Air Force Base
LOUISIANA

APPROVED
SIGNATURE OFFICE

COORDINATION

DESIGN FIRM

Designer: STACK
Project Manager: STACK
Drafter: REIHMAN
Date: FEB 91

REVISION	BY/DATE

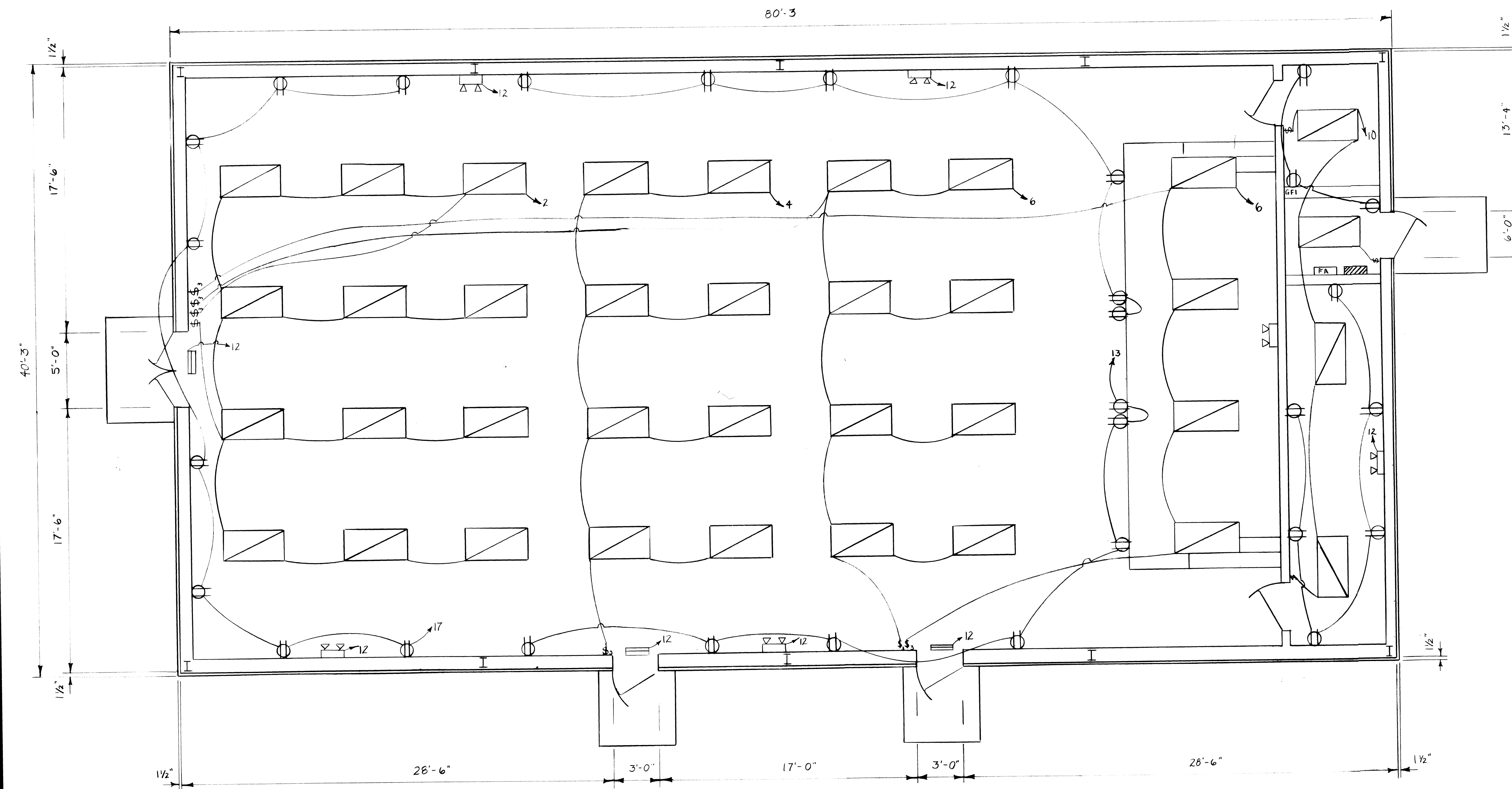
SHEET TITLE
ELECTRICAL PLAN
& DETAILS

SHEET 4 OF 5

PROJECT TITLE
SELF-HELP PROJECT
CONSTRUCT
AUDITORIUM

PROJECT NUMBER
ANUB 90-0116

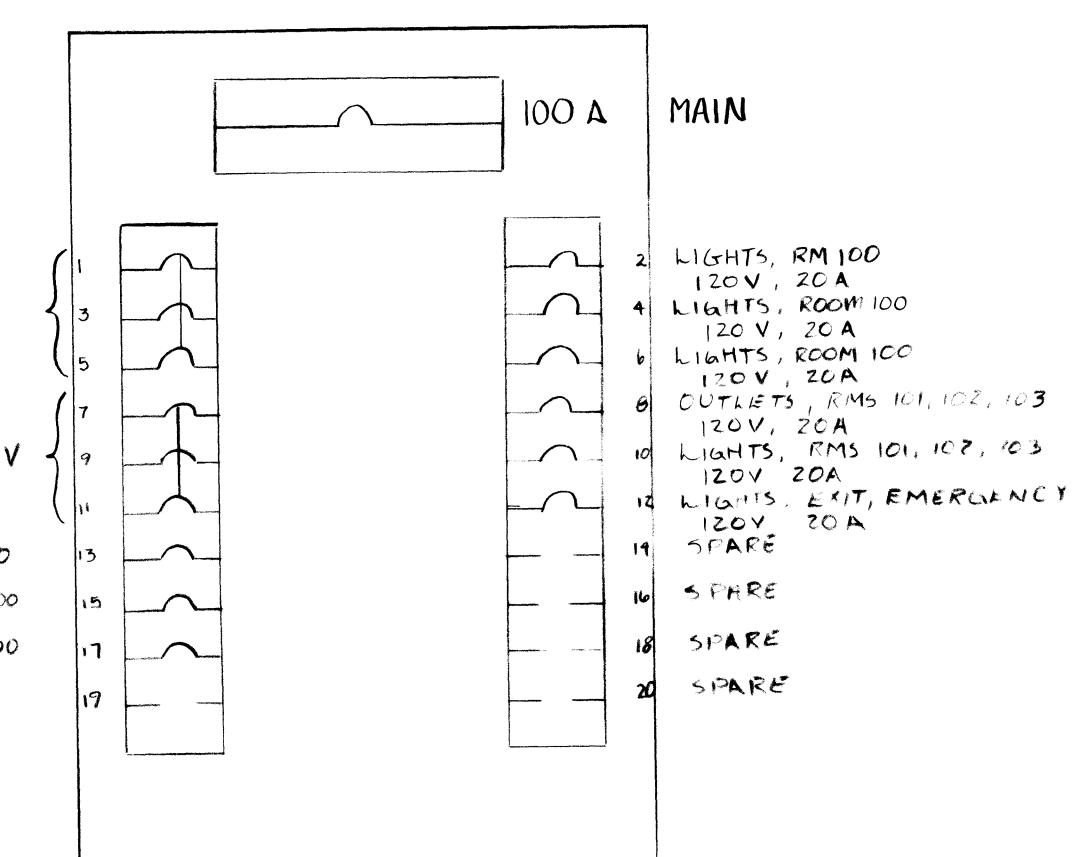
Drawing Number: B 90-9414
PROJECT NUMBER: 9414



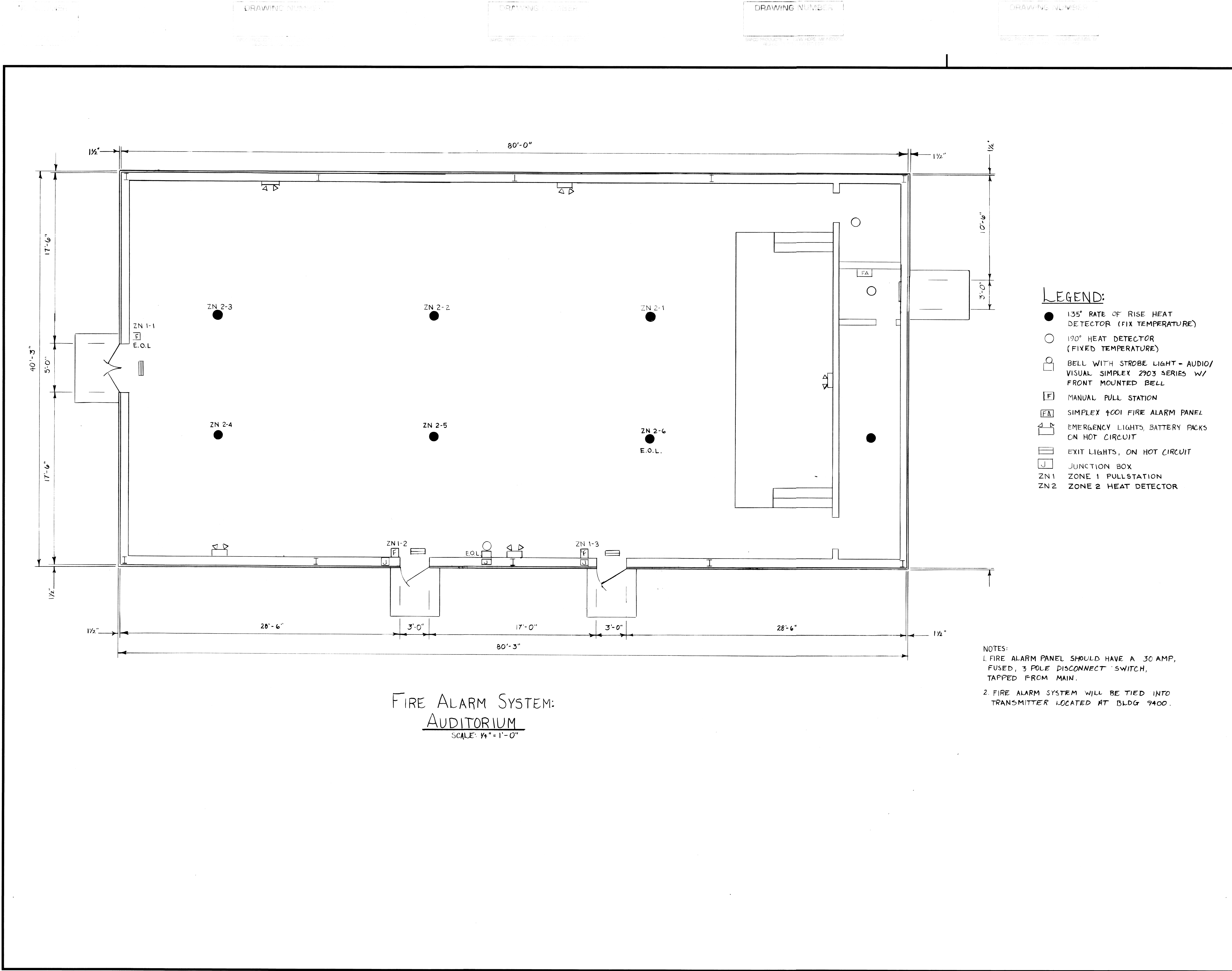
ELECTRICAL FLOOR PLAN
AUDITORIUM
SCALE: 1/4" = 1'-0"

LEGEND:

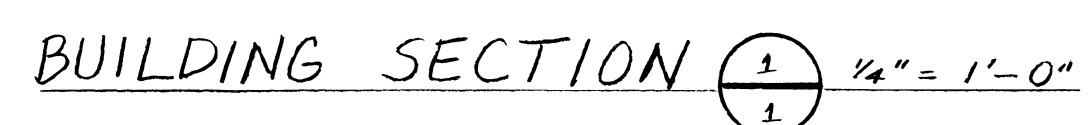
- FLUORESCENT LIGHT, 2 TUBE 120V
- SWITCH, 20 AMP, 120V
- SWITCH, 3 WAY, 20 AMP, 120V
- FIRE ALARM PANEL
- 225 AMP DISTRIBUTION PANEL 3 ϕ
- EXIT LIGHT, ON HOT CIRCUIT
- EMERGENCY LIGHTING, BATTERY PACKS, ON HOT CIRCUIT
- OUTLET, DUPLEX, 20 AMP, 120V GROUND FAULT INTERCEPT
- OUTLET, DUPLEX, 20 AMP, 120V



PANEL DIAGRAM



Air Force Base	
APPROVED	
SIGNATURE	OFFICE
COORDINATION	
DESIGN FIRM	
Designer	Project Manager
ROUTON	STACK
Drafter	Date
REIHMAN	FEB 91
REVISION	BY/DATE
SHEET TITLE	
FIRE DETECTION	
PLAN	
SHEET	OF
5	5
PROJECT TITLE	
SELF HELP PROJECT	
CONSTRUCTION	
AUDITORIUM	
PROJECT NUMBER	
AWUB 90-0116	
Drawing Number	Facility Number
B 90-9414	9414



AS-BUILTS: B9428

DRAWING NUMBER

DRAWING NUMBER

DRAWING NUMBER

DRAWING NUMBER

DRAWING NUMBER

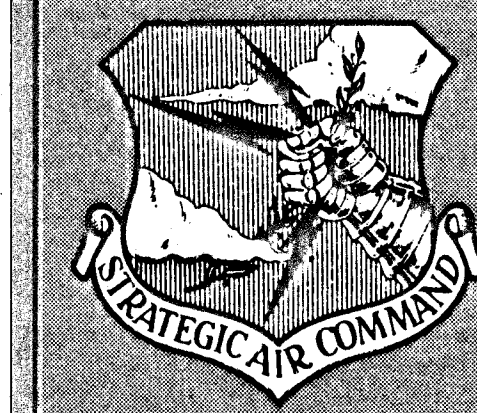
SAFOD PRODUCTS • NEW HOPE, MINNESOTA
REORDER BY PART NUMBER 8553
REORDER TIME 24 HOURS

SAFOD PRODUCTS • NEW HOPE, MINNESOTA
REORDER BY PART NUMBER 8553
REORDER TIME 24 HOURS

SAFOD PRODUCTS • NEW HOPE, MINNESOTA
REORDER BY PART NUMBER 8553
REORDER TIME 24 HOURS

SAFOD PRODUCTS • NEW HOPE, MINNESOTA
REORDER BY PART NUMBER 8553
REORDER TIME 24 HOURS

SAFOD PRODUCTS • NEW HOPE, MINNESOTA
REORDER BY PART NUMBER 8553
REORDER TIME 24 HOURS



Air Force Base

PROJECT TITLE
3rd HALL PROJECT
SHOWER/LATRINE
WTC
ANUS
PROJECT NUMBER 90-0074

APPROVED

BASE COMMANDER

RECOMMENDED

BASE CIVIL ENGINEER

SUBMITTED

CHIEF OF ENGINEERING

CONSTRUCTION ENGINEER

CONSTRUCTION MANAGEMENT

ENVIRONMENTAL ENGINEER

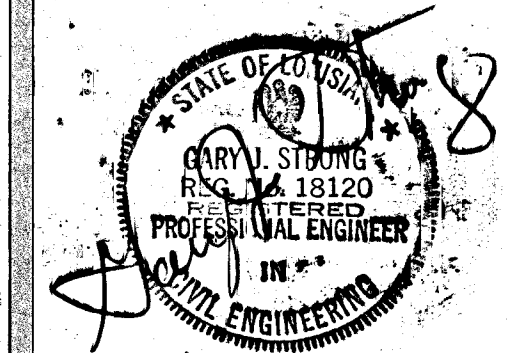
GROUND SAFETY

Rec. Class

COMMUNICATIONS

ENGINEERING

PROFESSIONAL SEAL



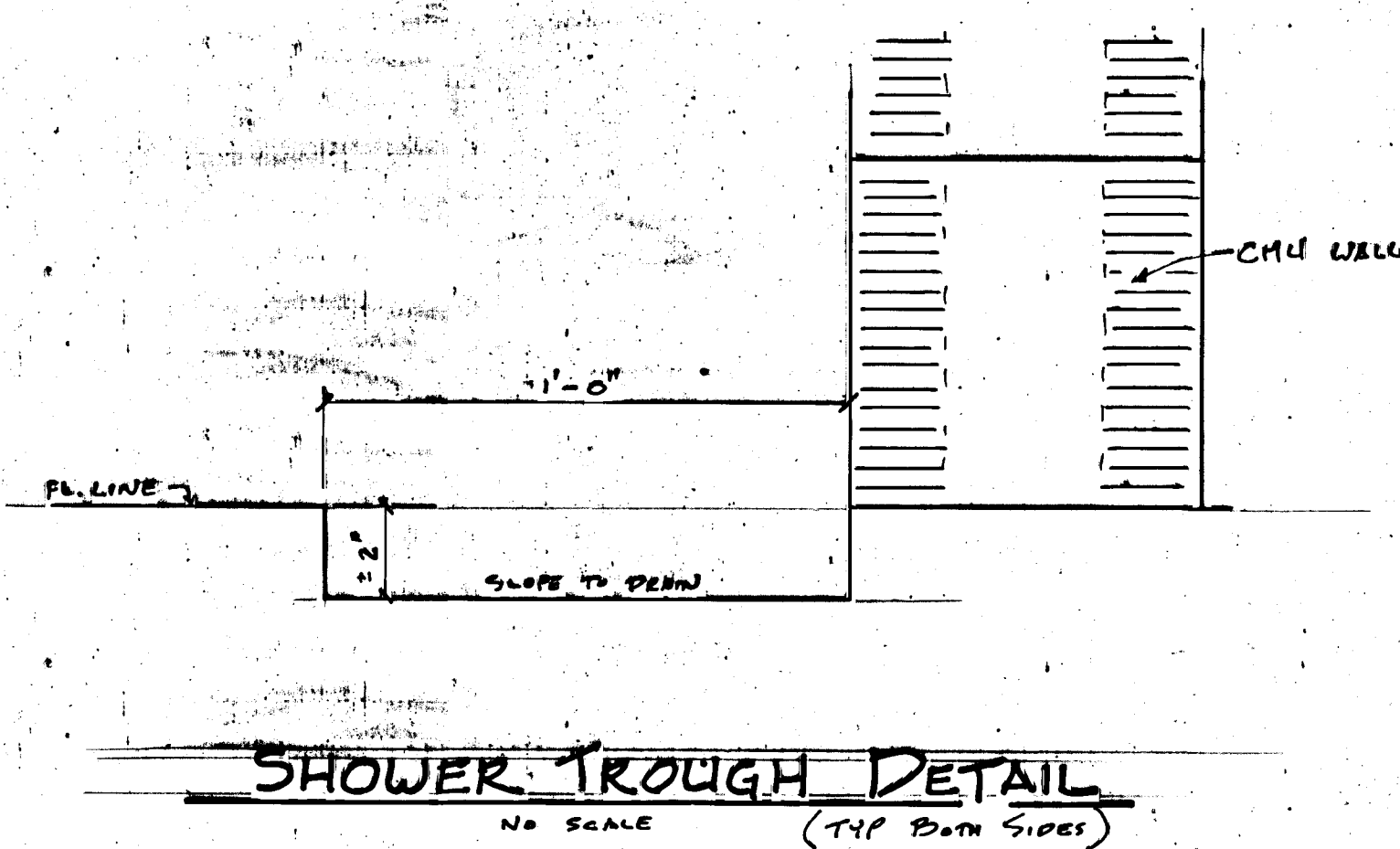
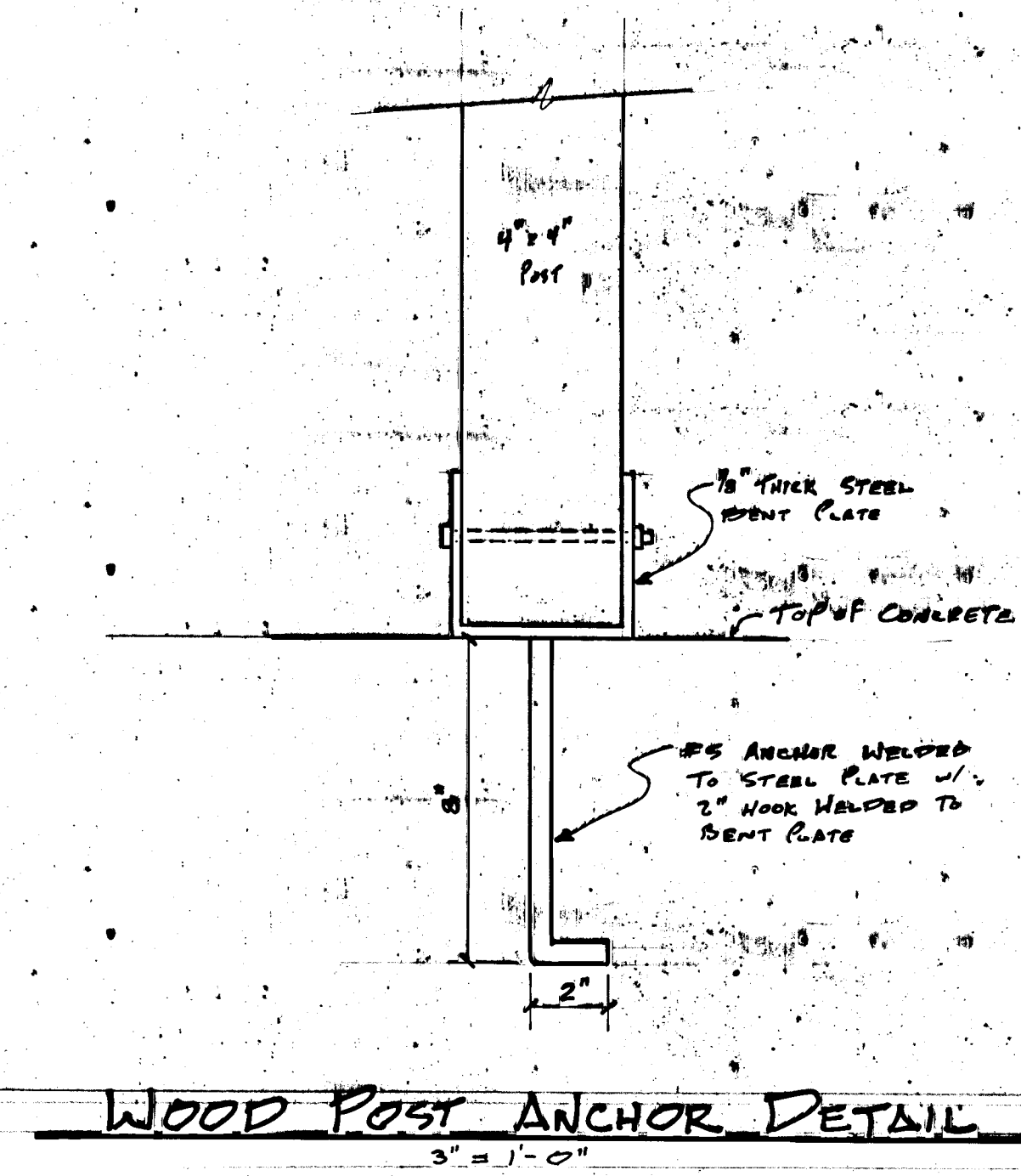
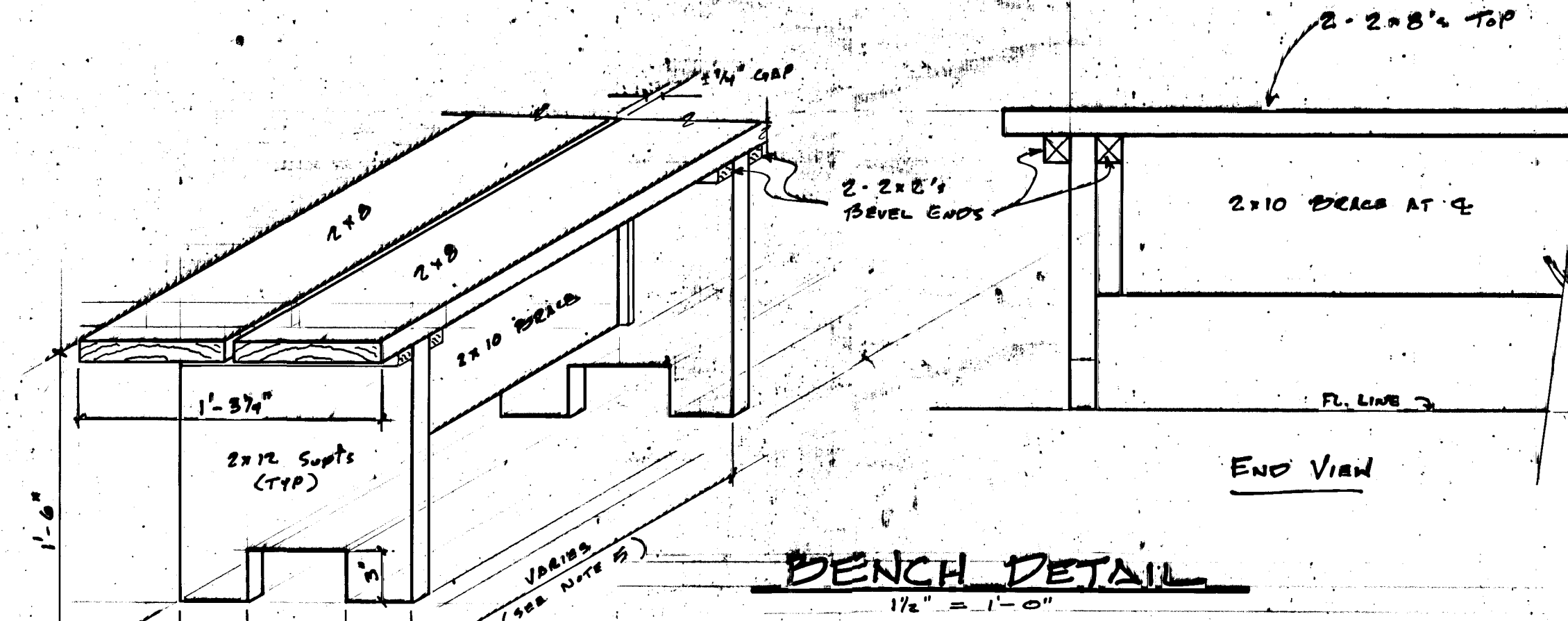
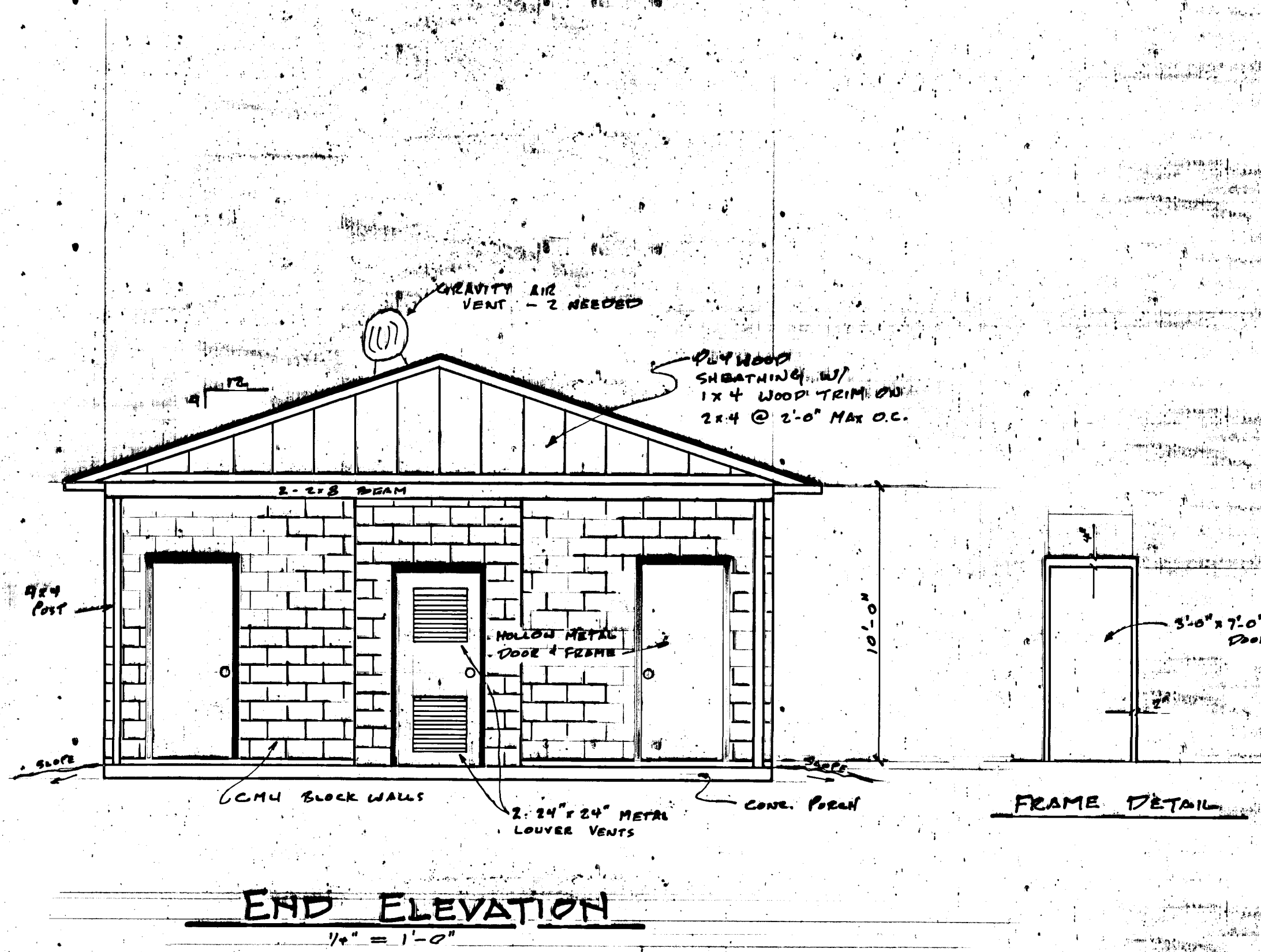
SHEET TITLE

ELEVATIONS
& DETAILS

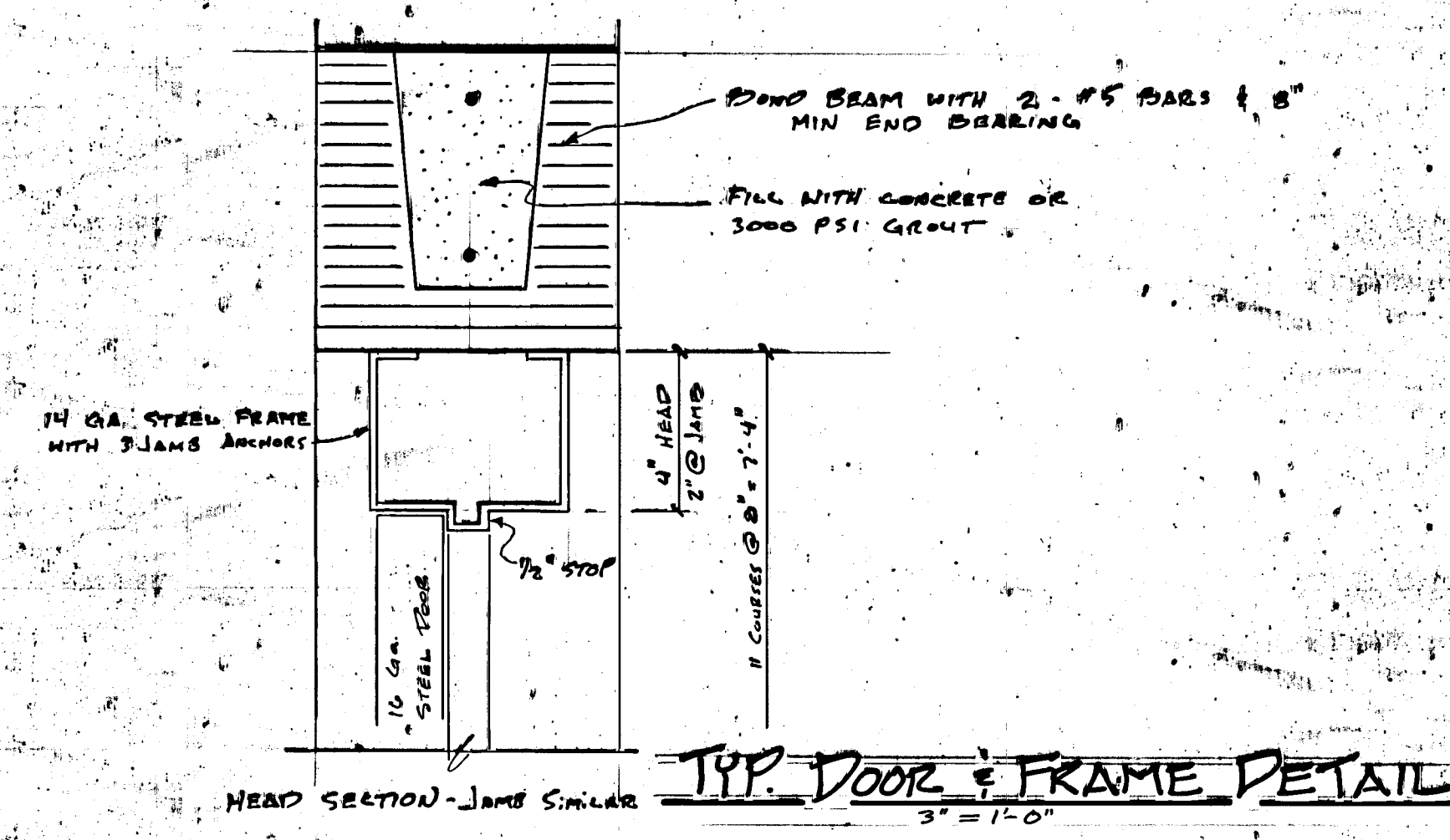
Drawn: SPARK Date: Oct 89
Designed: SPARK Date: As Shown
SHEET 2 OF 4

Revisions	By	Date

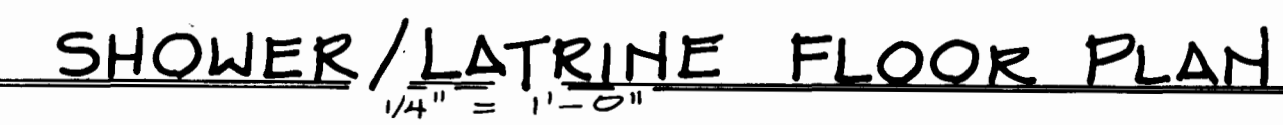
DRAWING NUMBER
089-9428



- NOTES:
1. ALL CONCRETE SHALL HAVE AN ULTIMATE BEARING CAPACITY OF 3,000 PSI AT 28 DAY TEST.
 2. ALL SLABS TO HAVE A TROUBLED SMOOTH FINISH EXCEPT FLOOR WHICH SHALL HAVE A LIGHT BROOM FINISH.
 3. SLOPE ALL GRADES ADJACENT TO FOUNDATION TO DRAIN AWAY FROM FOUNDATION.
 4. DOORS & PARTS TO BE HOLLOW METAL - 3'-0" x 7'-0" x 1 1/4" 16 GA. PANELS, 14 GA. PARTS.
 5. DOOR & PARTS TO BE SPACED 4" FROM RAIN END WITH MINIMUM OF 2 CENTER SUPPORTS EVENLY SPACED 2' OVERHANG EACH SIDE. ALL HOOD FOR BENCHES TO BE HOLLOW METAL YELLOW PAINT. ALL EDGES TO BE SHARP SMOOTH.
 6. ALL CMU (CONCRETE MASONRY UNIT) TO RECEIVE BULK FILLER AND PAINT ALL INTERIOR & EXTERIOR EXPOSED WORK TO BE PRIMED & PAINTED TWO COATS.






$$1/4'' = 1'-0''$$

	LIGHT, FLUORESCENT, 2x4, 4-TUBE, 40 WATT, SURFACE MOUNT	2 EA
	LIGHT, INCANDESCENT, WATER-PROOF, GFI	14 EA
	LIGHT, INCANDESCENT, WALL MOUNT	12 EA
	OUTLET, DUPLEX, GFI	15 EA
	SWITCH, SINGLE POLE	
	SWITCH, 3-WAY	
	POWER PANEL, 120/240 VOLT, 100 AMP DISC, SINGLE PHASE w/ MAIN BREAKER	
	EXHAUST FAN, CEILING, FLUSH MOUNT	
	EXHAUST FAN, THRU. WALL, MOUNTING HGT = 8'-0" ABOVE FIN. FLOOR	
	WATER HEATER, ELECTRIC, 140 GAL	
	PHOTO-ELECTRIC CELL	

1. ALL ELECTRICAL DEVICES AND WIRING SHALL BE INSTALLED IAW NATIONAL ELECTRIC CODE.
2. COORDINATE WIRING + DEVICES W/ ELECTRICAL FIXTURES SELECTED
3. PROVIDE WATER-PROOF FIXTURES WHERE DESIGNATED.



NO SCALE

USING AGENCY

STATE OF LOUISIANA
GARY S. WONG
NO. 18120
EXPIRATION DATE 12/31/2008
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

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DRAWING NUMBER