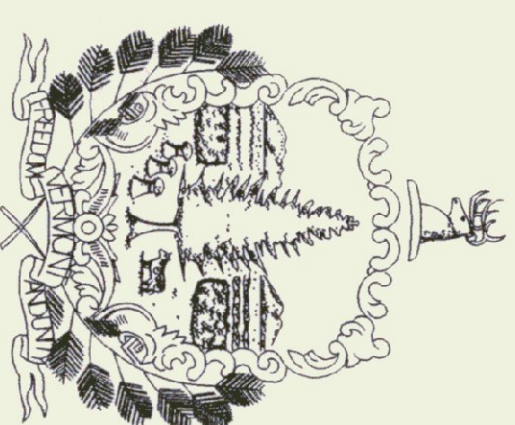


State of Vermont
Agency of Transportation
WILLIAM MORSE STATE AIRPORT
PROPOSED 36'x36' STORAGE BUILDING
Bennington, Vermont

AGENCY OF ADMINISTRATION
DEPT. OF BUILDINGS & GENERAL SERVICES
2 GOVERNOR AIKEN AVENUE
MONTPELIER, VERMONT 05633-5801
THOMAS W. TORTI, COMMISSIONER



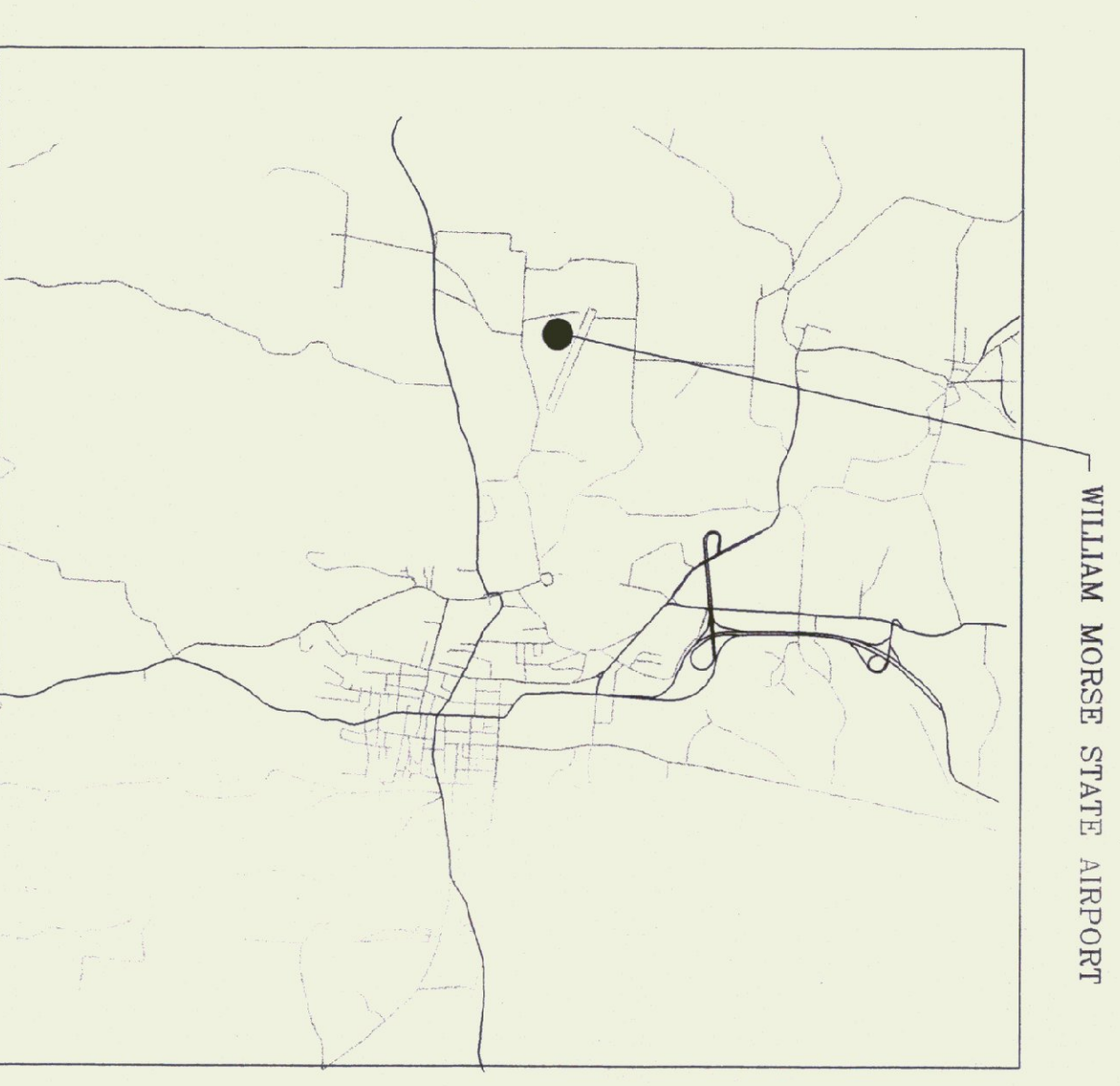
Howard Dean, M.D.
Governor

December 2000

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S-1	SITEPLAN
A-1	PLAN & ELEVATIONS
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E-1	ELECTRICAL PLAN

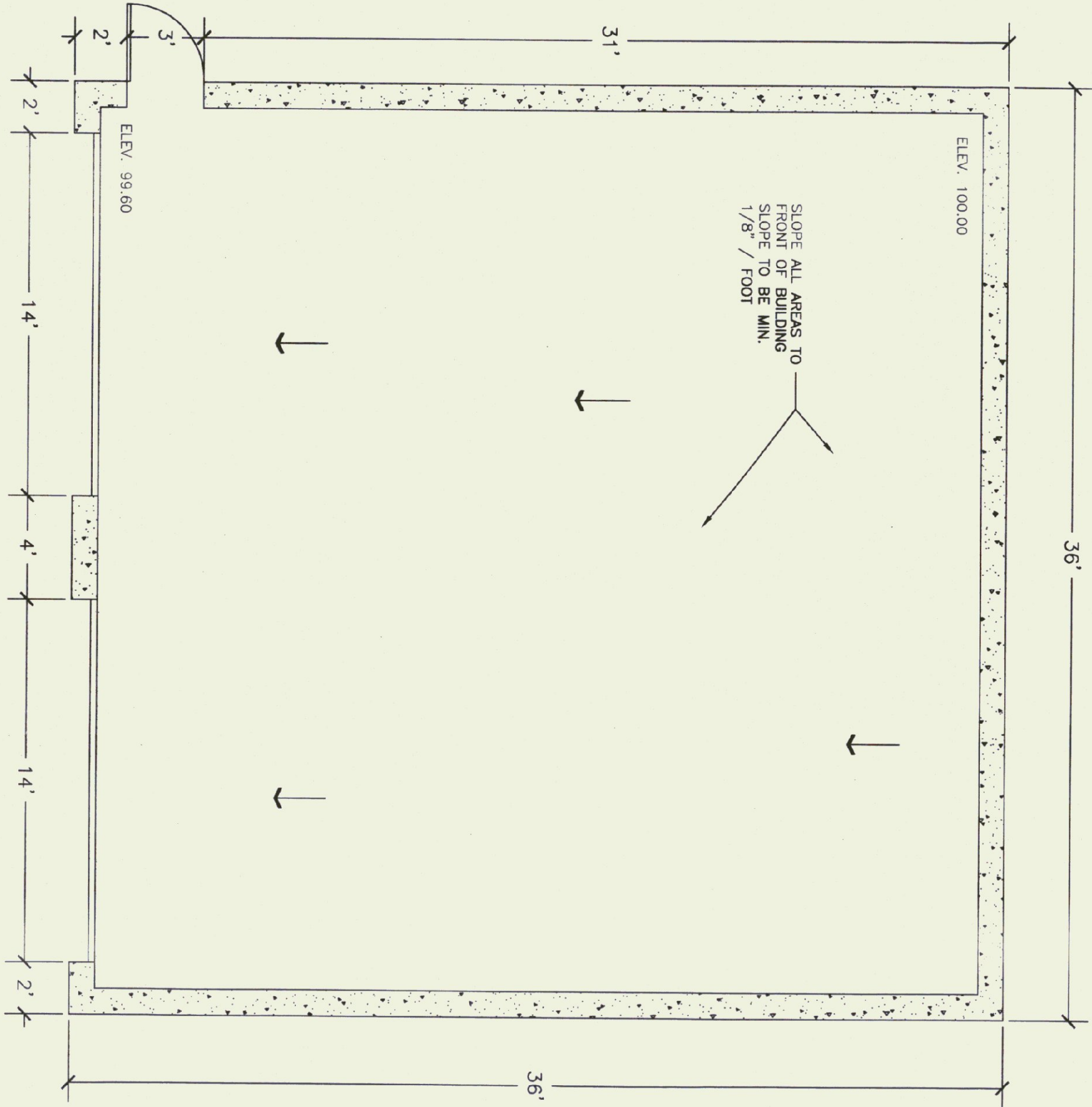
PEARSON & ASSOCIATES
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P.O. BOX 610
STOWE, VERMONT 05672
TELEPHONE: (802) 253-9607

AGENCY OF ADMINISTRATION
DIVISION OF MAINTENANCE & AIR
NATIONAL LIFE BUILDING
MONTPELIER, VERMONT 05633-5001
BRIAN SEARLES, SECRETARY



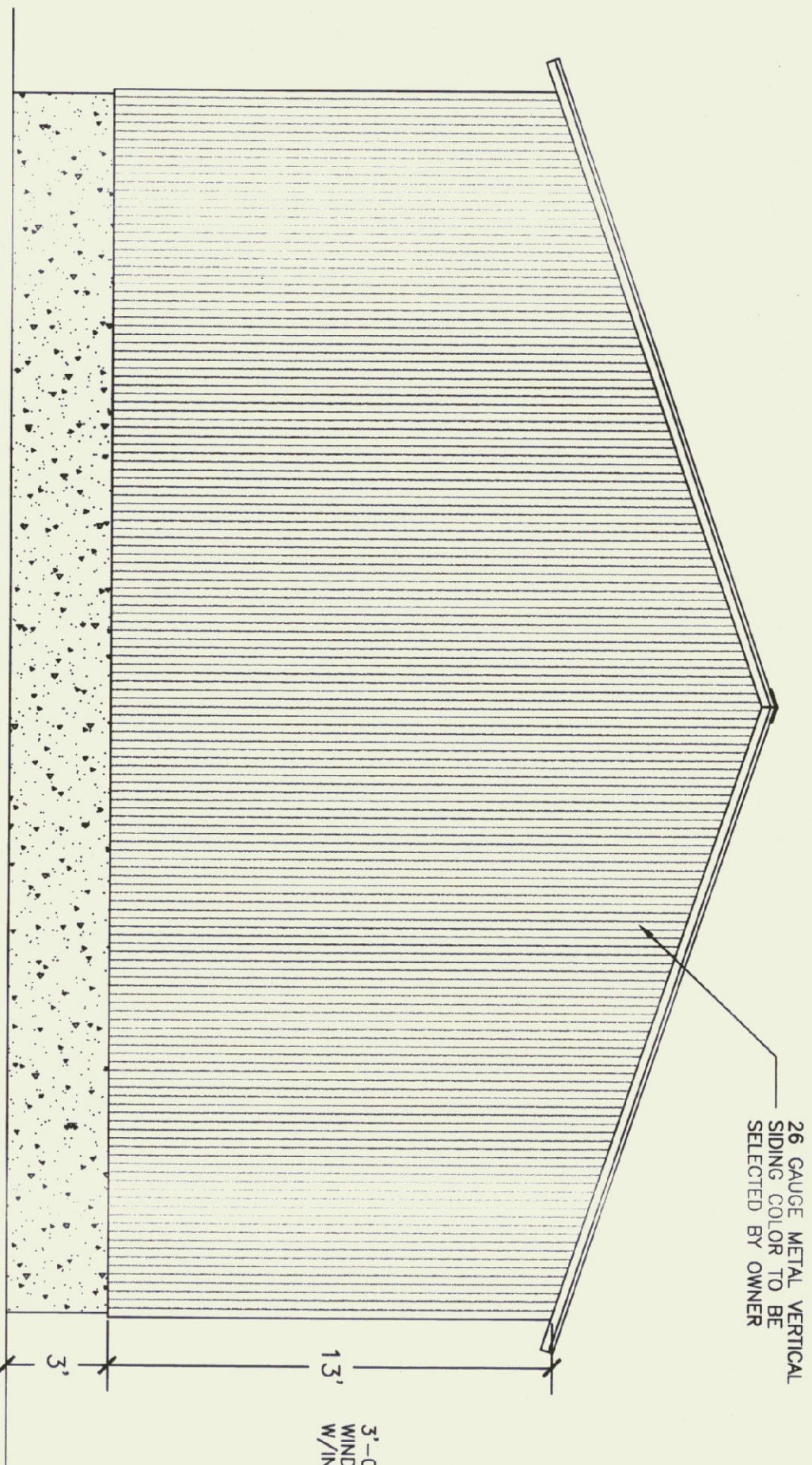
PROJECT LOCATION MAP





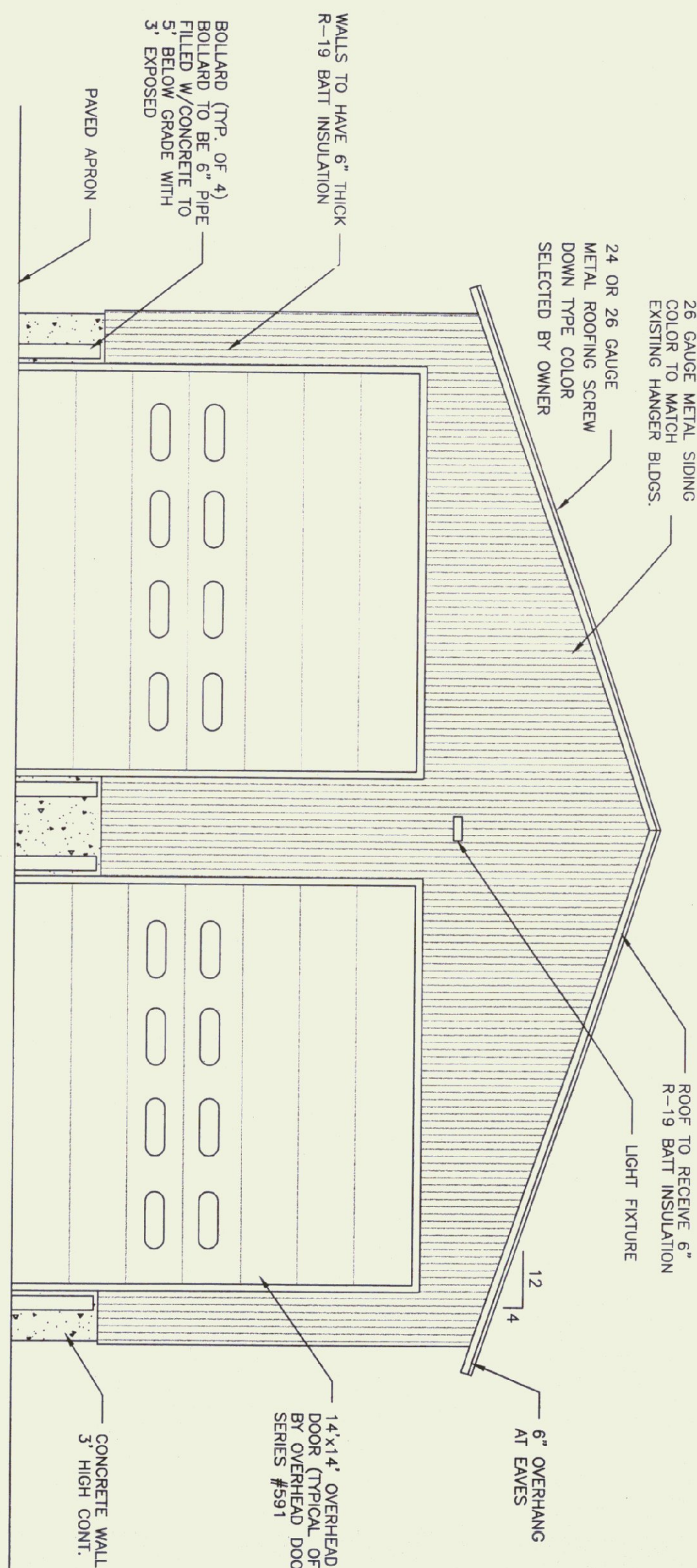
FLOOR PLAN

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



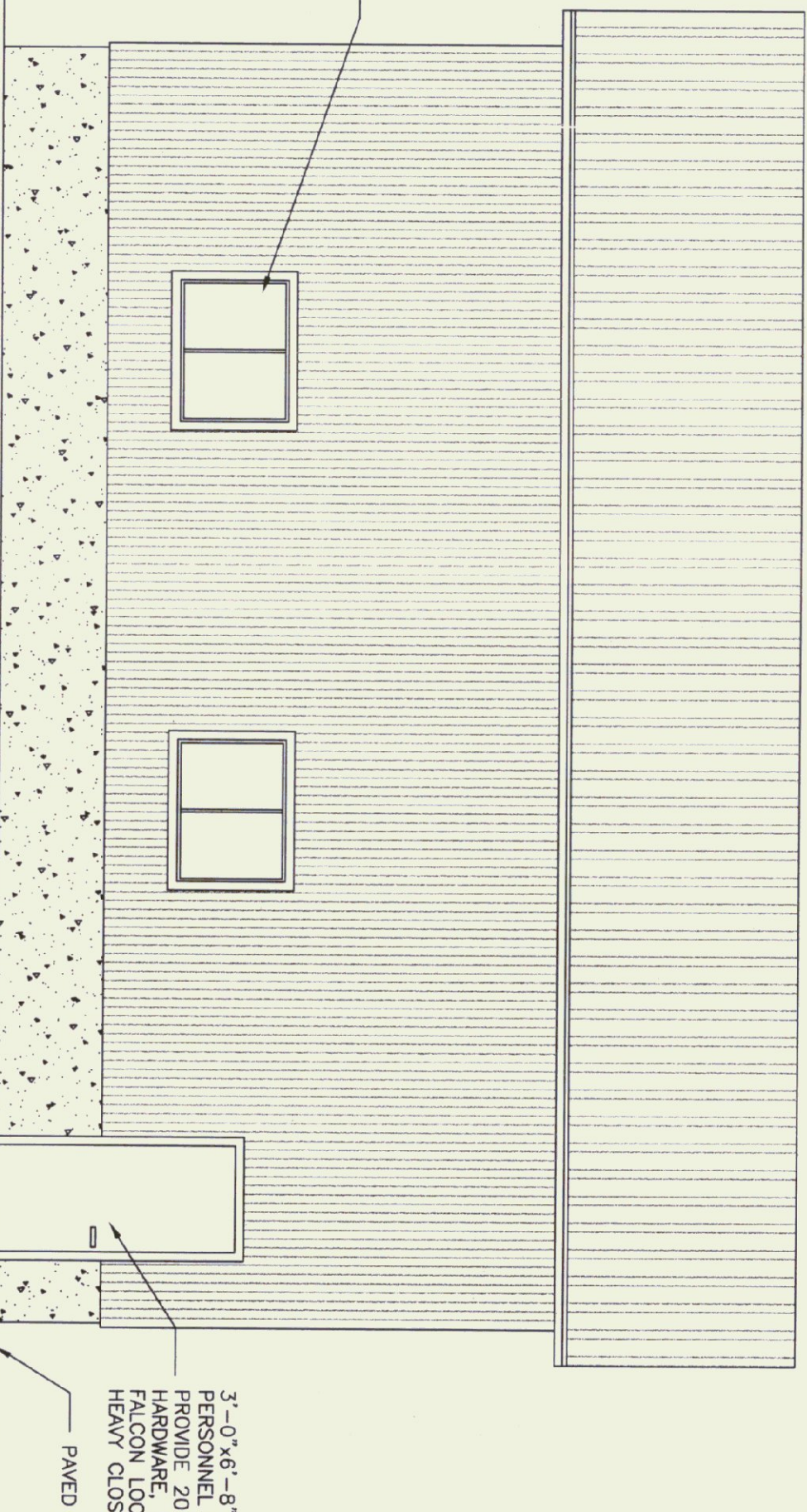
REAR ELEVATION

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



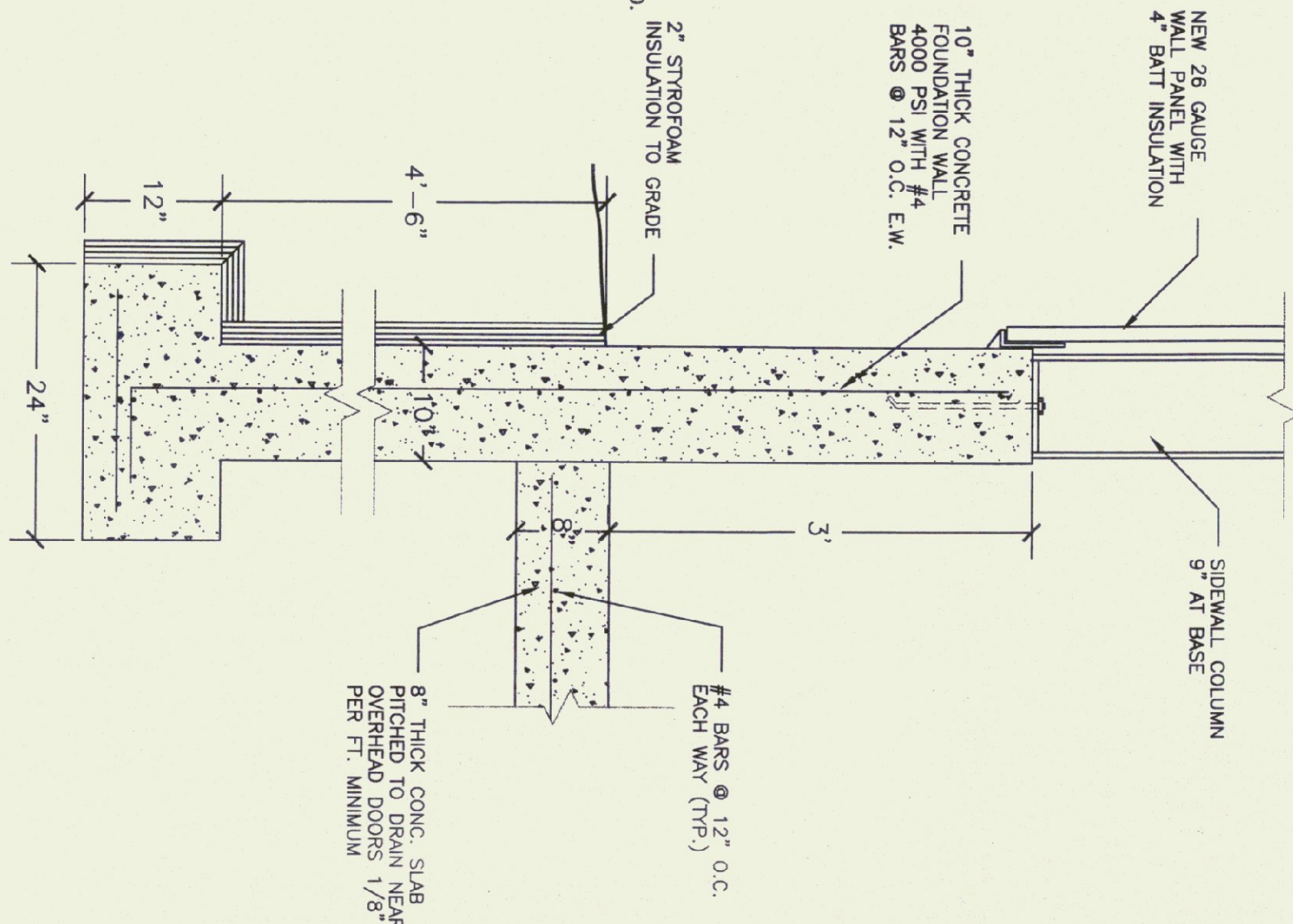
FRONT ELEVATION

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



SIDE ELEVATION

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



FOOTING DETAIL

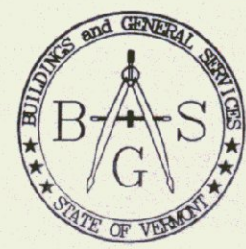
SCALE: 1" = 1'-0"

NOTE:

PLEASE REFER TO SOILS INVESTIGATION REPORT FOR RECOMMENDATIONS AND OBSERVATIONS FOR REFERENCE. REPORT IS INCLUDED IN JOB SPECIFICATIONS.

CONCRETE NOTES:

- ALL CONCRETE TO BE 3500 PSI @ 28 DAYS WITH A MAXIMUM SLUMP OF 4".
- 6X-8X AIR ENTRAINMENT.
- 1/2" "V" JOINTS IN EXPOSED FACE OF CONSTRUCTION JOINTS.
- 3/4" CHAMFER ON EACH FACE OF EXPANSION JOINTS.
- GALVANIZED L IRON CAST INTO WALL CORNERS AT DOOR OPENINGS.
- RE-BAR TO BE CONTINUOUS THROUGH CONSTRUCTION JOINTS.
- NO HORIZONTAL CONSTRUCTION JOINTS IN WALLS - CONTINUOUS POUR.
- NO CONSTRUCTION OR EXPANSION JOINTS REQUIRED IN FOOTINGS.
- CONTRACTOR TO LEAVE NO METAL WITHIN 1" OF SURFACE. USE 1" DEEP PLASTIC CONES AT ALL TIES AND PLUG ALL THE HOLES WITH AN APPROVED NON-SHRINK GROUT.
- ALL RE-BAR TO BE GRADE 60.
- RE-BAR TO BE STORED ON BLOCKING 4" MIN. ABOVE GROUND.
- CONCRETE SUPPLIER TO PROVIDE TEST CYLINDERS FOR CONCRETE TESTING.
- ALL CONCRETE TESTING TO BE DONE BY OWNER. CONTRACTOR IS RESPONSIBLE FOR SCHEDULING.
- EXPOSED WALLS TO BE DRESS FINISHED PER A.O.T. SPECIFICATIONS.



STATE OF VERMONT
Department of Buildings
and General Services
Agency of Administration
Montpelier, Vermont



WILLIAM MORSE STATE AIRPORT
PROPOSED 36'x36'
A.O.T. STORAGE BUILDING
BENNINGTON VERMONT

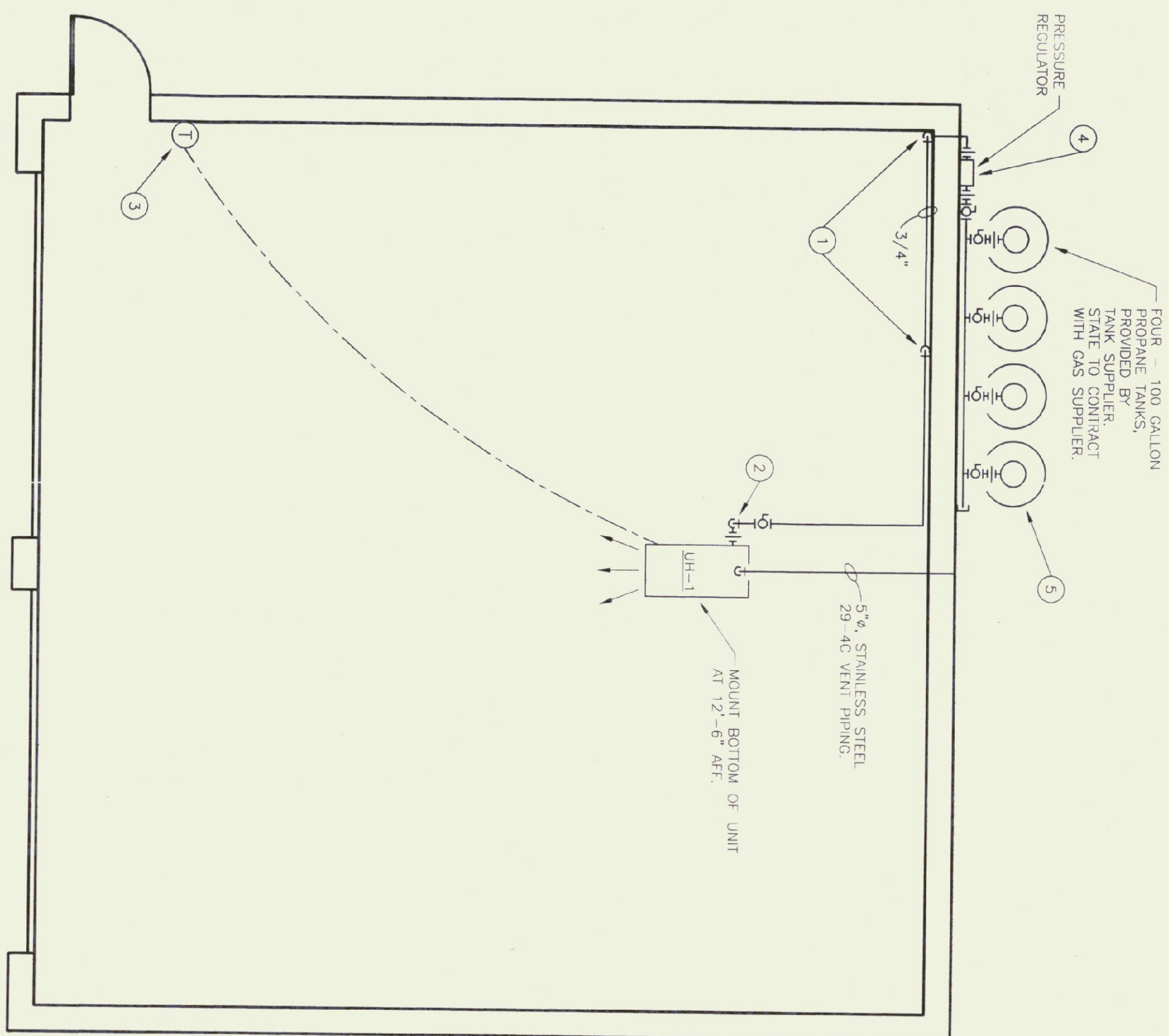
REVISIONS	
SCALE: 1/4" = 1'-0"	
DATE: DEC. 2000	
DRAWN BY: B. MCAVOY	
APPR. BY: R. BARRY	

BENNINGTON
PROPOSED
36'x36'
AOT STORAGE

PLAN & ELEV.

A-1

2 OF 4



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

UNIT HEATER SCHEDULE											
TAG	UNIT CFM	FAN MOTOR			HEATING COIL - LP GAS			DESIGN BASIS			REMARKS
		MOTOR HP	MAX. RPM	VOLTAGE	MBH INPUT	EFFICIENCY	AIR TEMP RISE (°F)	MINIMUM GAS INLET PRESSURE	MANUFACTURER	MODEL No.	
UH-1	2640	1/3	1140	120/1/60	200.0	80%	90	0.5 lb	TRANE	GHPD-020	1

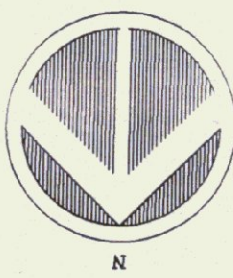
① ACCESSORIES TO INCLUDE: LOW VOLTAGE THERMOSTAT WITH 8x8 WIRE GUARD ENCLOSURE, HORIZONTAL VENT KIT AND SPRING VIBRATION ISOLATORS.

KEYED NOTES:

- 1 RISE UP IN CORNER OF GARAGE TO ABOVE THE BOTTOM OF THE ROOF TRUSSES. FOLLOW ANGLE OF ROOF TO 24° ABOVE THE BOTTOM OF THE TRUSSES, THEN RUN PIPE AS SHOWN.
- 2 PROVIDE 6" DIRT LIES AT BOTTOM OF DROP, BEFORE CONNECTION TO UNIT HEATER UN-1.
- 3 CUT OUT BOTTOM OF 8x8 WIRE GUARD AT THERMOSTAT SO THAT THE TEMPERATURE CAN BE CHANGED ON THERMOSTAT WITHOUT HAVING TO REMOVE GUARD.
- 4 PRESSURE REGULATOR FURNISHED BY TANK SUPPLIER, INSTALLED BY MC MC TO COORDINATE WITH TANK SUPPLIER.
- 5 LEVEL AND SET PROPANE TANKS ON TOP OF 2x5x24x2" THICK CONCRETE BLOCKS. TYPICAL FOR ALL FOUR.

MECHANICAL LEGEND

- | | |
|------------------------|-----|
| LOW VOLTAGE WIRING | |
| BALL VALVE | 16H |
| PIPE UP | O |
| PIPE DOWN | 2 |
| UNION | 11 |
| ABOVE THE FINISH FLOOR | AFF |
| MECHANICAL CONTRACTOR | MC |
| ELECTRICAL CONTRACTOR | EC |
| GENERAL CONTRACTOR | GC |
| PLUMBING CONTRACTOR | PC |
| UNIT HEATER | 1H |



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Pearson & Associates

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TEL. (802) 253-9607 FAX. (802) 253-9290
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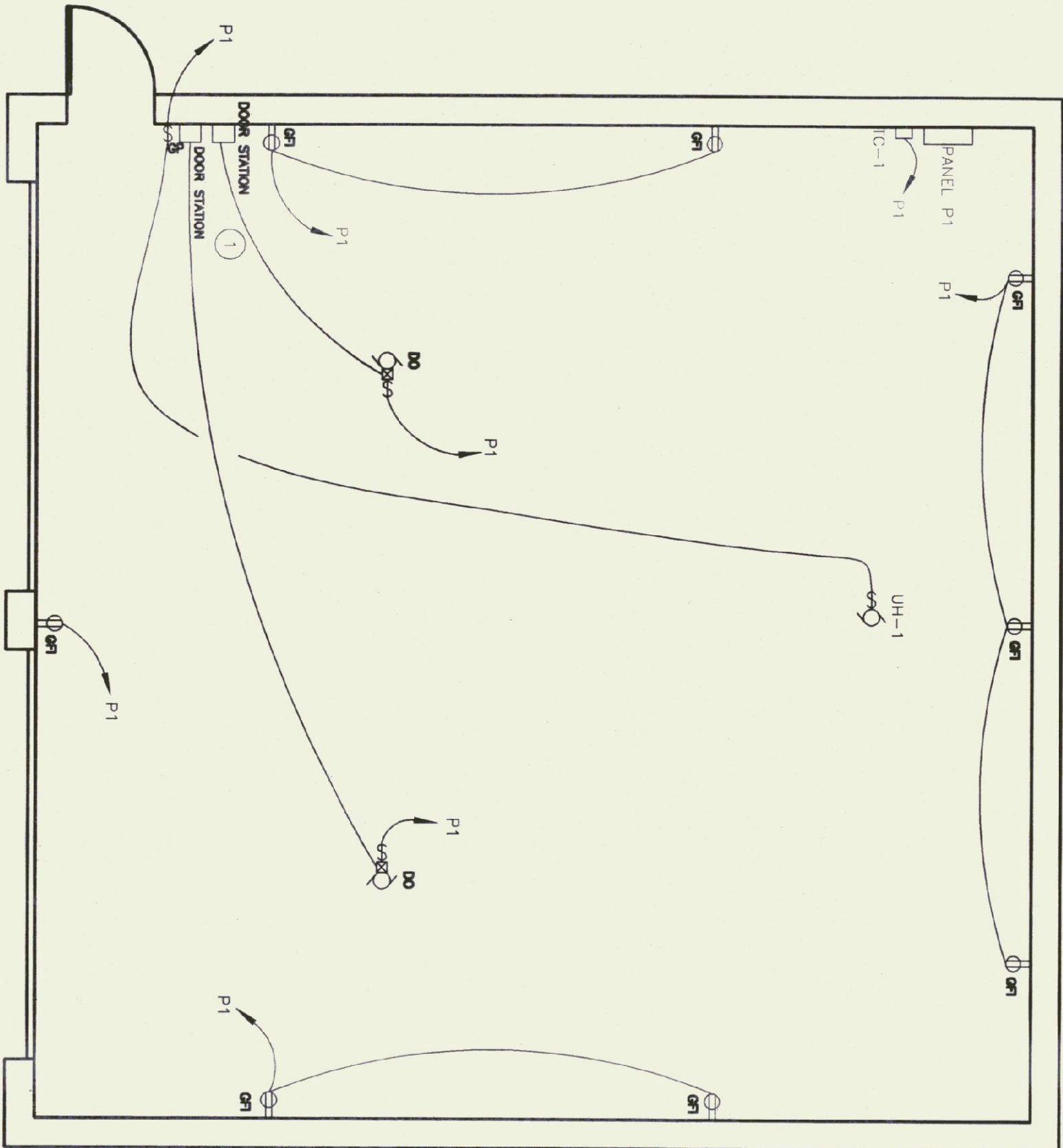
WILLIAM MORSE STATE AIRPORT
PROPOSED 36'x36'
A.O.T. STORAGE BUILDING
BENNINGTON VER

REVISIONS

SCALE: AS SHOWN
DATE: OCT. 2000
DRAWN BY: TJY
APPR. BY: E. E.

BENNINGTON
PROPOSED
36' x 36'
AOT STORAGE
MECHANICAL
PLAN

1-1



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

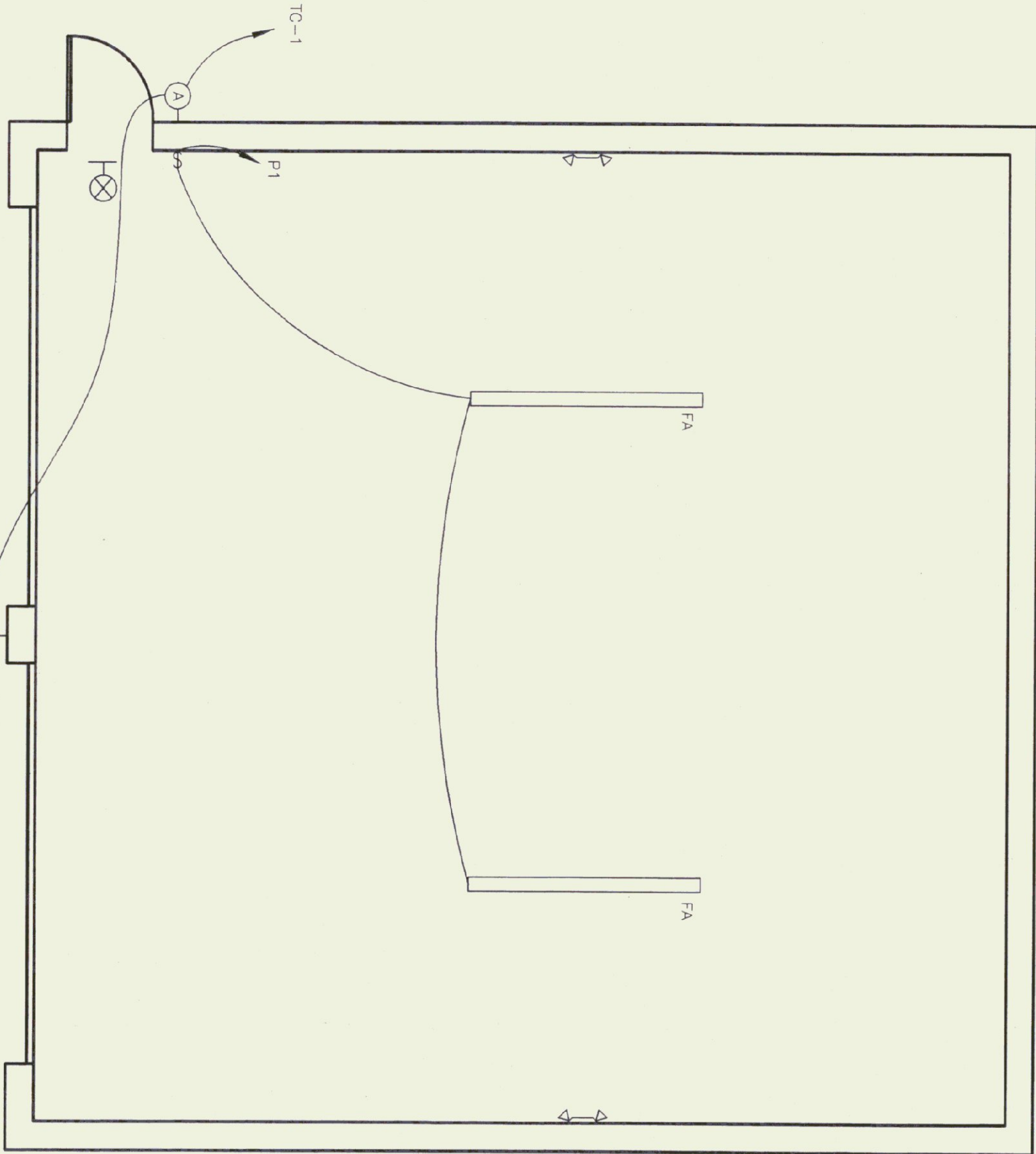
LIGHTING FIXTURE SCHEDULE				
TYPE	MANUFACTURER & MODEL NUMBER	MOUNTING	LAMPS	VOLT
FA	METALUX DM 296HO-120	CHAIN HUNG	2-F96T12HO	120
A	STONCO SWANSEA CE1-WB-M100-III-120-PC-DB2	SURFACE	(1)-100 W MH	120
B	PRESOCULITE EDS2-NB-120	SURFACE	INCLUDED	120
⊗	R - EX-120	SURFACE	LED	120

PANEL DESIGNATOR

PANEL: P1		LOCATION: GARAGE							
10,000 AIC		MOUNTING: SURFACE							
		MAINS: #1, 3 WIRE, 120/240v, 100 AMP MAIN CIRCUIT BREAKER							
		CONNECTED LOAD: 4.9 KW							
CKT NO.	KW LOAD	DESCRIPTION	BREAKER P	AMP P	BREAKER P	DESCRIPTION	KW LOAD	CKT NO.	
1	0.4	WEST OUTLETS	1	20	1	TIMELOCK, OUTSIDE LIGHTING	0.3	2	
3	0.6	NORTH OUTLETS	1	20	20	1	GARAGE DOOR	0.5	4
5	0.4	EAST OUTLETS	1	20	20	1	LIGHTS	0.9	6
7	0.2	SOUTH OUTLET	1	20	20	1	GARAGE DOOR	0.5	8
9	0.9	UNIT HEATER	1	20	20	1	SPACE	10	10
11		SPACE	1	20	20	1	SPACE	12	12
13		SPACE					SPACE	14	14
15								16	16
17								18	18
19								20	20

ELECTRICAL LEGEND

- FLOURESCENT FIXTURE
- LIGHT FIXTURE
- ⊗ EXIT LIGHT
- ⚡ EMERGENCY LIGHT
- ⚡ SWITCH - SINGLE POLE
- ⚡ SWITCH - SINGLE POLE WITH GAS BURNER PLATE
- ⚡ MOTOR STARTER PROV. BY MC, INSTALLED BY EC
- ⚡ SAFETY DISCONNECT PROV. AND INSTALLED BY EC.
- ⚡ PANEL
- ⚡ BRANCH CIRCUIT
- AGF ABOVE FINISH GRADE
- AFF ABOVE FINISH FLOOR
- EC ELECTRICAL CONTRACTOR (DIVISION 16)
- MC MECHANICAL CONTRACTOR (DIVISION 15)
- GC GENERAL CONTRACTOR
- ES EQUIPMENT SUPPLIER
- TYP. TYPICAL OF ALL
- TC1 TIMECLOCK
- MOTOR
- ⚡ DUPLEX RECEPTACLE-GFCI PROTECTED, MOUNT @ 48"



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

GENERAL NOTES:

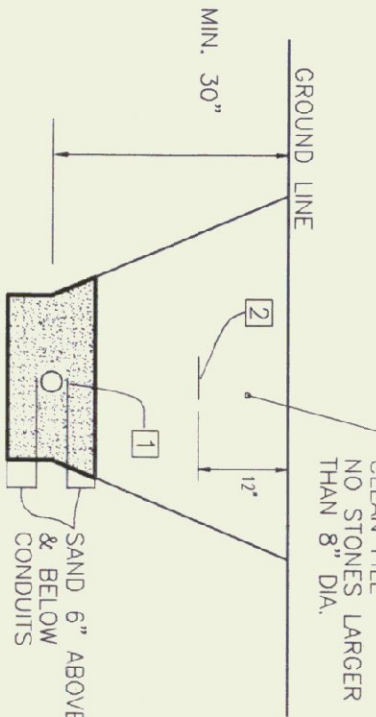
- ANY PLACE WHERE THE CONTRACTOR PENETRATES, CUTS AND/OR REMOVES WALLS, CEILINGS, OR WOODWORK, CONTRACTOR IS TO REPLACE, PATCH AND PAINT FINISH SURFACES TO ORIGINAL FINISHES.
- FIELD VERIFY ALL DIMENSIONS BEFORE COMMENCEMENT OF WORK.
- NOTIFY ENGINEER OF ANY ERRORS.
- EC TO PROVIDE AND INSTALL ALL DISCONNECT SWITCHES, MC TO SUPPLY ALL MOTOR STARTERS, EC TO INSTALL.

KEYED NOTES:

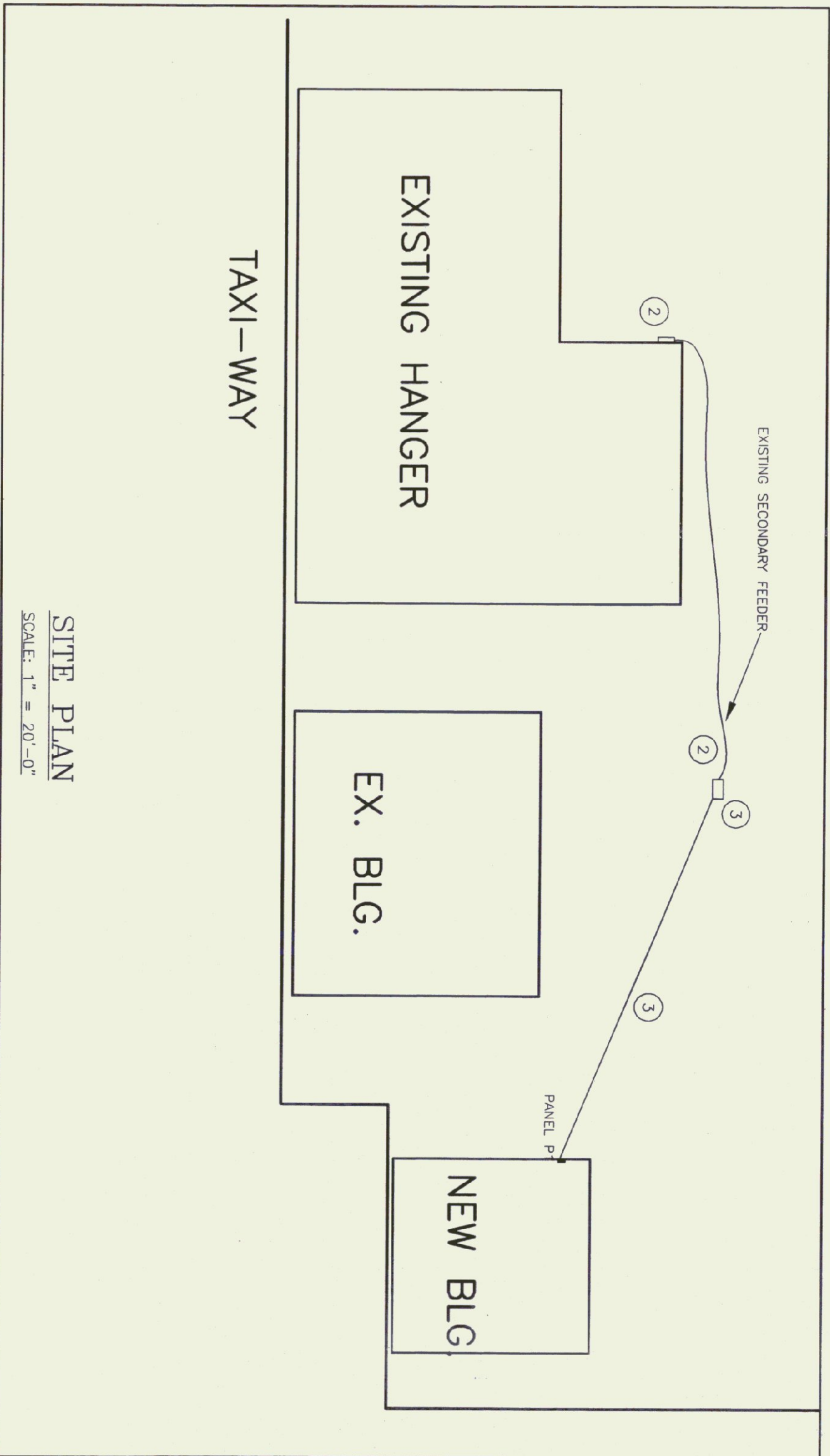
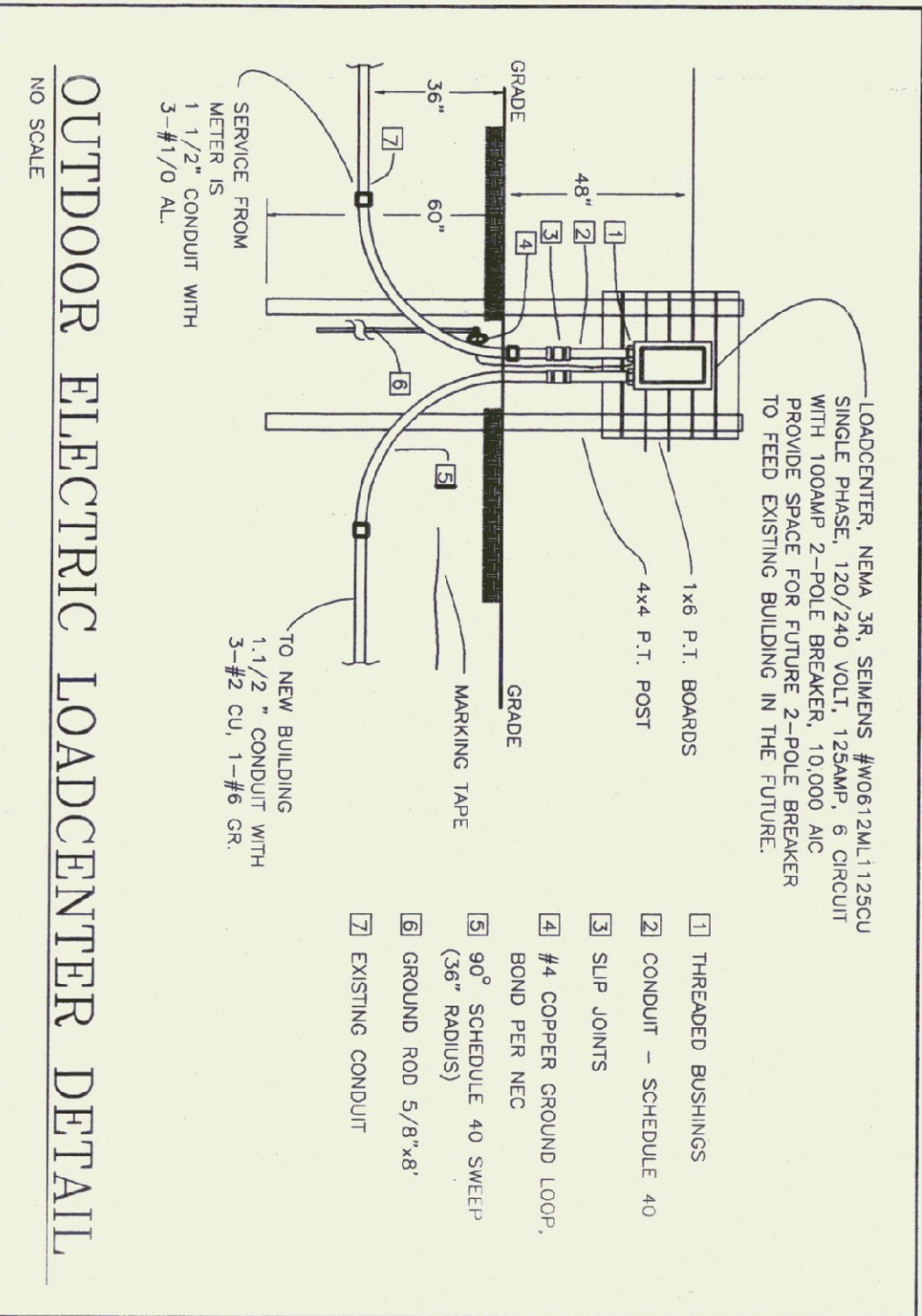
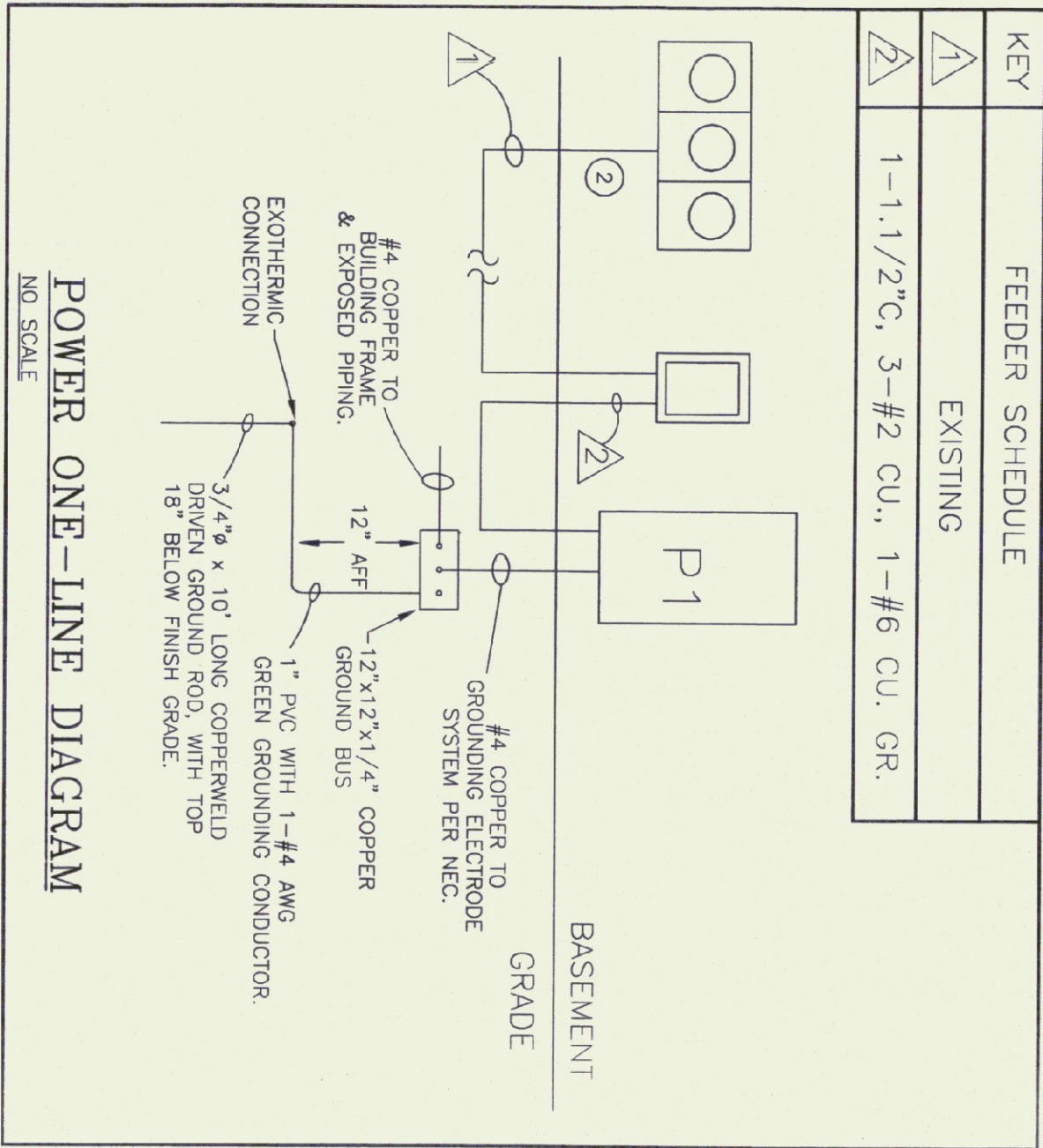
- COORDINATE DOOR OPENERS AND DOOR STATION WIRING WITH ES.
- PROVIDE NECESSARY WIRING FROM DOOR STATIONS TO OPENERS.
- EXISTING METER SOCKET AND SECONDARY WIRE IS ENERGIZED.
- COORDINATE WITH CENTRAL VERMONT PUBLIC SERVICE TO DE-ENERGIZE DURING CONSTRUCTION OF NEW SERVICE.
- REFER TO TRENCH DETAILS AND LOADCENTER DETAIL FOR PEDISTAL AND PANEL DETAILS.

KEYED NOTES

KEY	DESCRIPTION
1	LINE VOLTAGE CABLE DUCT SHALL BE PVC SCHEDULE 40 AS PER CONDUIT AND WIRE SCHEDULE.
2	WARNING TAPE SHALL BE ELECTRIC LEGEND TYPE, ALLEN CAT#ANT-1006-RE OR EQUAL. (WARNING TAPE SHALL BE PLACED 12" BELOW SURFACE.)



TRENCH DETAIL
NO SCALE



SITE PLAN
SCALE: 1" = 20'-0"

KEY	FEEDEr SCHEDULE
1	EXISTING
2	1-1.1/2"C, 3-#2 CU., 1-#6 CU. GR.



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BENNINGTON
36' x 36'
AOT STORAGE
ELECTRICAL
PLAN

E-1