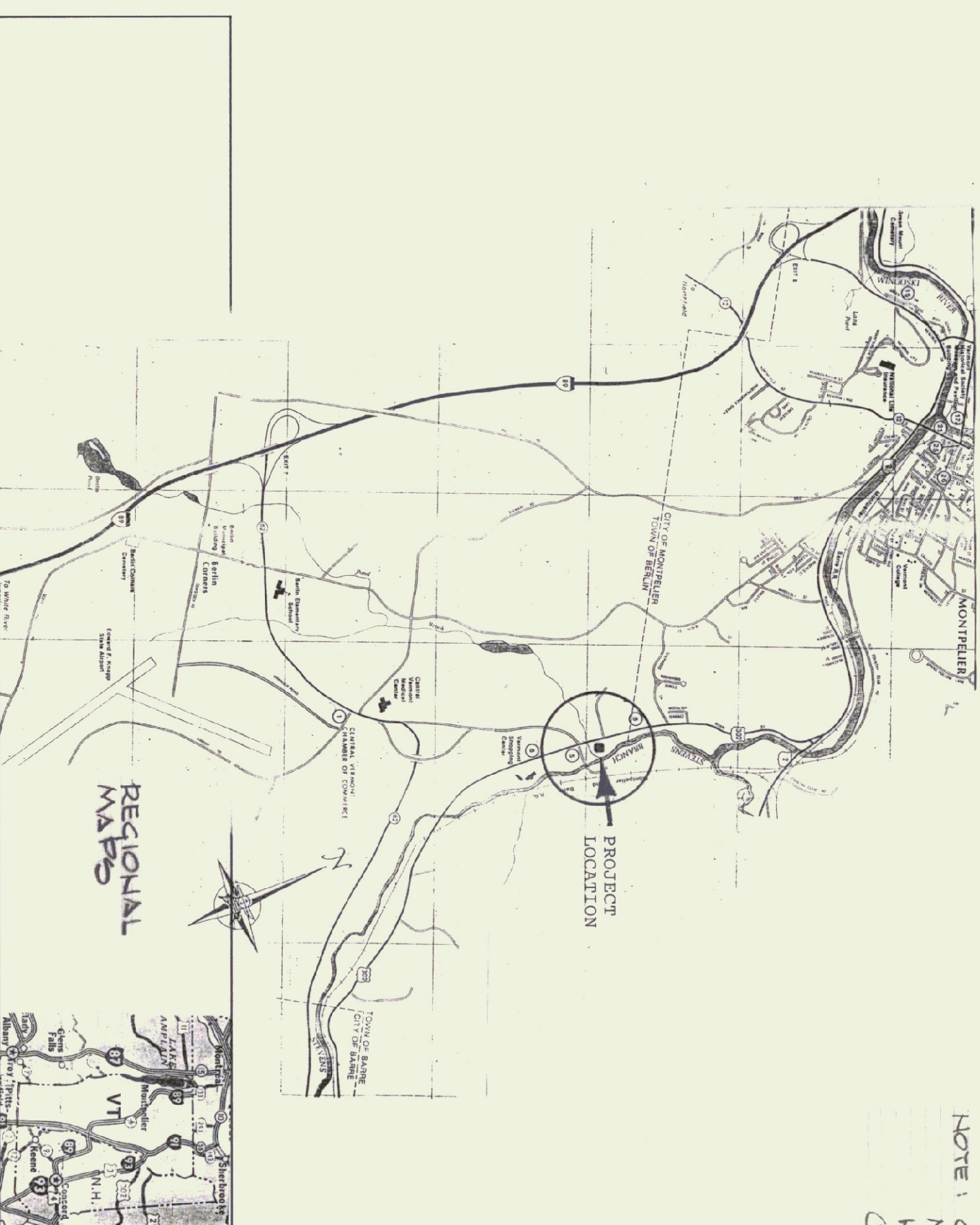
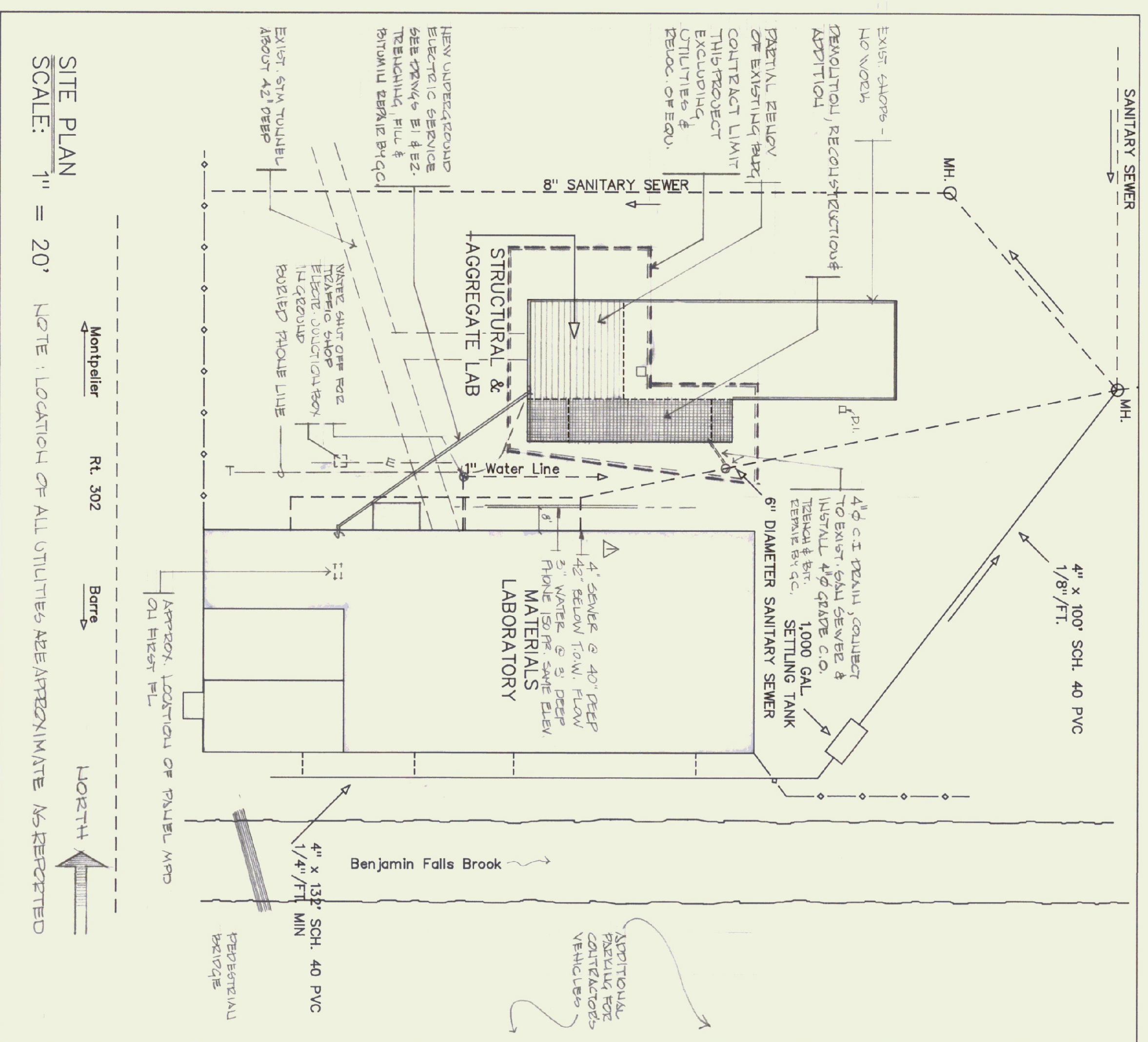


State of Vermont
Agency of Transportation
Paul R. Philbrook, Secretary

Renovations To The Materials & Research Laboratory Of The Agency of Transportation Complex Berlin, Vermont

INDEX TO DRAWINGS

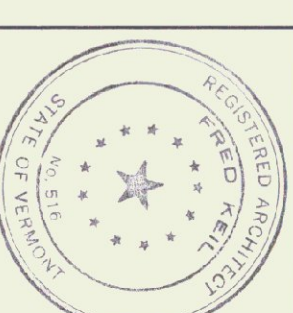
	TITLE SHEET	E1	DEMOLITION & LIGHTING PLAN
		E2	POWER PLAN
R	REFERENCE PLAN		
		M1	DEMOLITION, H&V PLAN
L1	EQUIPMENT LAYOUT	M2	PLUMBING PLAN, SCHEDULES
A1	FOUNDATION & FRAMING PLAN		
A2	FLOOR PLAN		
A3	BUILDING ELEVATIONS, SECTIONS		
A4	WALL SECTIONS		
D1	TYPICAL DETAILS		



State of Vermont
Department of State Buildings
John Zampieri, Commissioner

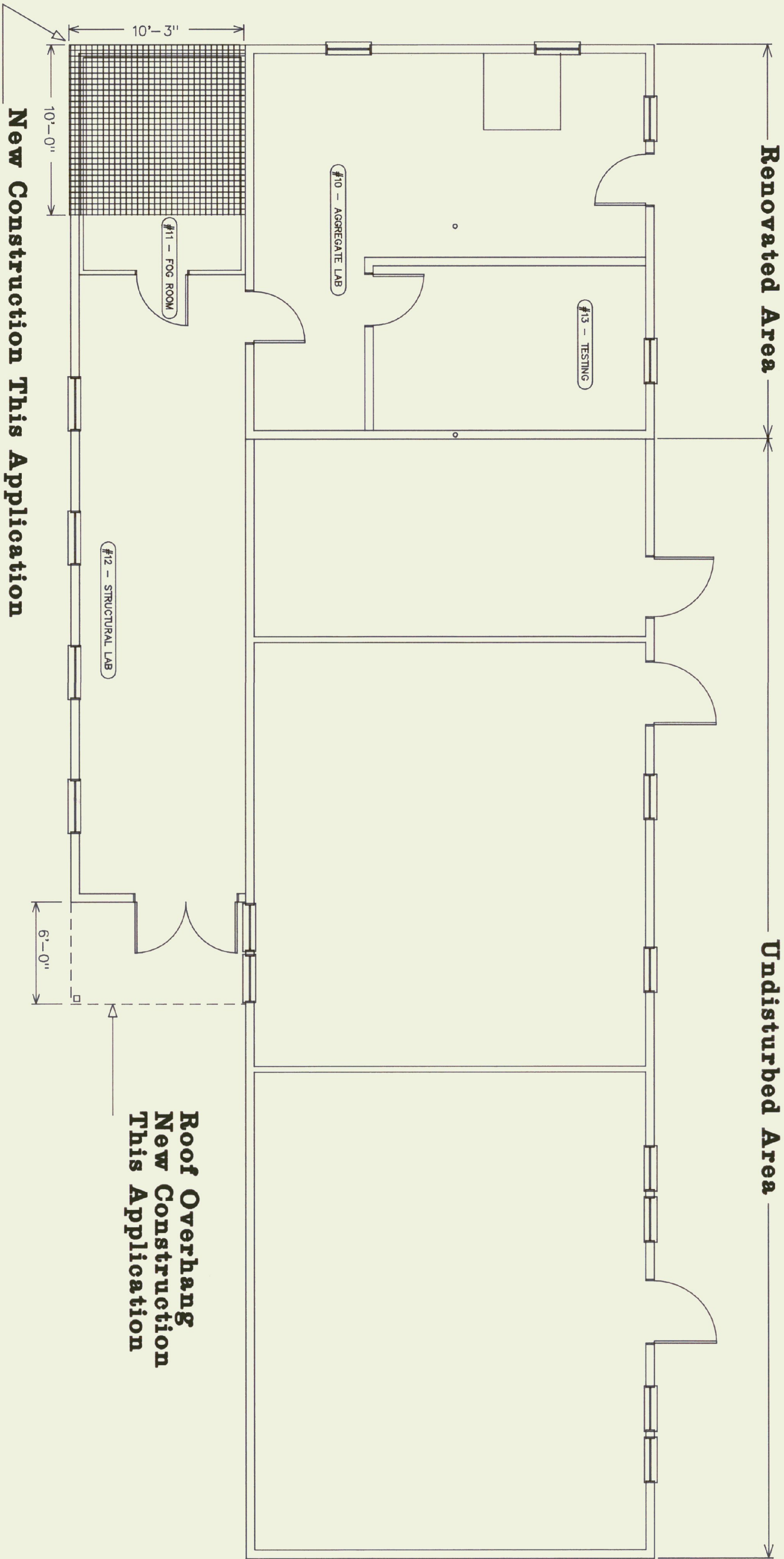
Materials & Research
Laboratory

Berlin, VT



Janson Design, Inc.
FRED KEIL, ARCHITECT
c. BOX 55 - BOLTON ROAD, WATERBURY, VT 05676
(802) 244-5800

TITLE SHEET		DATE:
REV. NOV. 6 1989		OCT. 10, 1989
REV. - Δ AS EULITS DEC. 1991	DWG. NO.	



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

State of Vermont Department of State Buildings John Zampieri, Commissioner		Materials & Research Laboratory Berlin, VT		Janson Design, Inc. P.O. BOX 55 - FORTY-NINTH STREET POCONO, NEW JERSEY, VT 05676 (802) 244-1800		GENERAL INFORMATION NOT A CONSTRUCTION DOCUMENT		DATE: 6-30-89 REV. 10, OCT. 10, 1989
				Architect's Project No. 247				DWG. NO. Info

NOTES:

1 EXISTING STAINLESS STEEL DOOR FRAME AND DOOR TO BE REMOVED AND RE-INSTALLED IN NEW FOG ROOM. CONTRACTOR HAS THE OPTION TO FURNISH AND INSTALL A MATCHING NEW STAINLESS STEEL DOOR FRAME AND RE-USE THE DOOR AND HARDWARE ONLY.

2 MECHANICAL EQUIPMENT IN THIS ROOM IS TO BE REMOVED AND RE-INSTALLED IN THE AGGREGATE LAB. REFER TO DRAWINGS M1 AND M2.

3 DEMOLISH AND REMOVE THE EXISTING LEAN-TO, INCLUDING FOUNDATION AND PREPARE SITE FOR THE NEW CONSTRUCTION.

4 EXISTING PIT AND COVER,SEE DETAILS FOR NEW INSTALLATION.

5 EXISTING PARTITIONS TO BE REMOVED. REFER TO DETAILS FOR BEAM AND JOIST REPAIR.

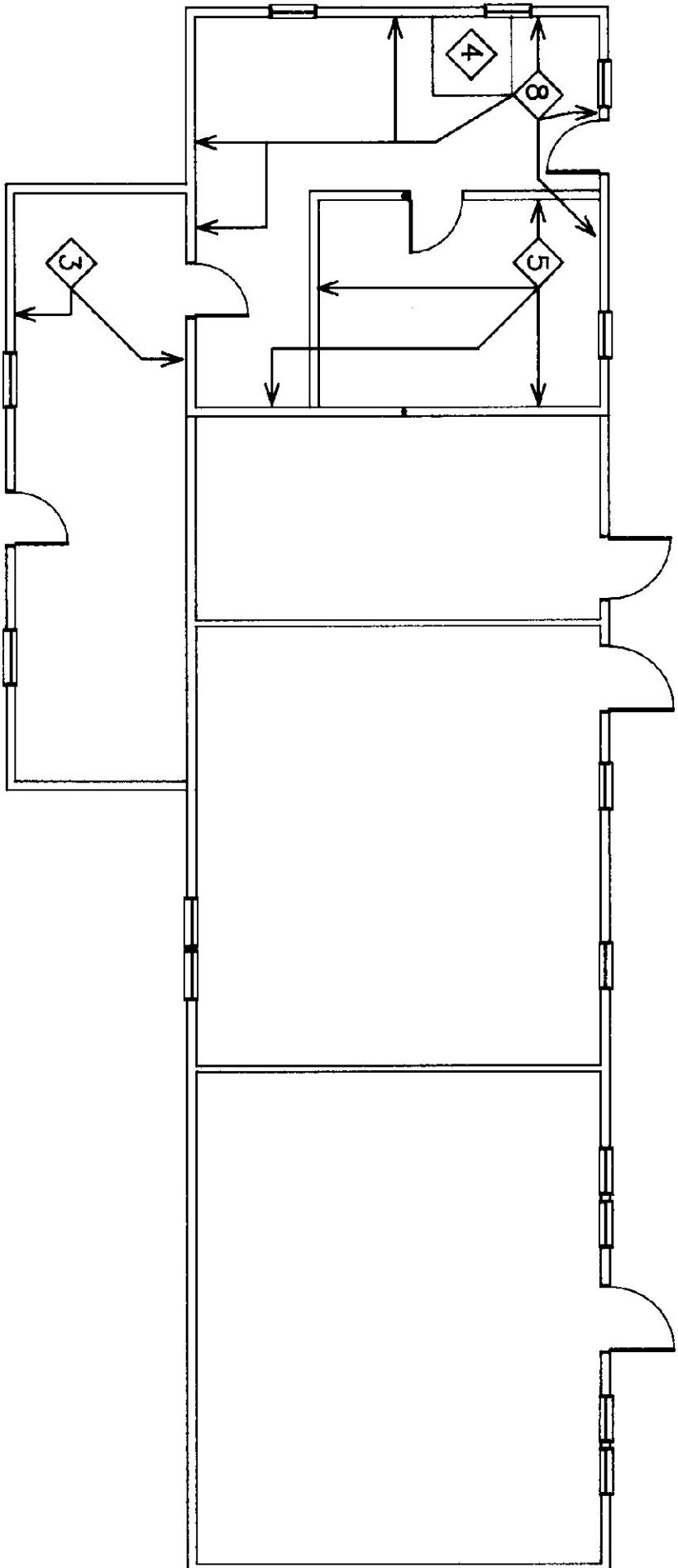
6 LOCATION OF ELECTRICAL PANELS.

7 EXISTING TESTING ROOM.

8 EXISTING INTERIOR SURFACES AND INSULATION (IF ANY) TO BE REMOVED. ADD 2"x2" FURRING TO STUDS, SILLS & HEADERS. INSTALL NEW FULL WALL FIBERGLASS INSULATION, VAPOR BARRIER, 5/8" GYP BD. & MAX INSULATION IN ROOF JOISTS.

9 APPROXIMATE LOCATION OF FOG ROOM CONTROLS. SEE DWG M1 & M2, NOTE #15, FOR SPECIFIC INSTRUCTIONS.

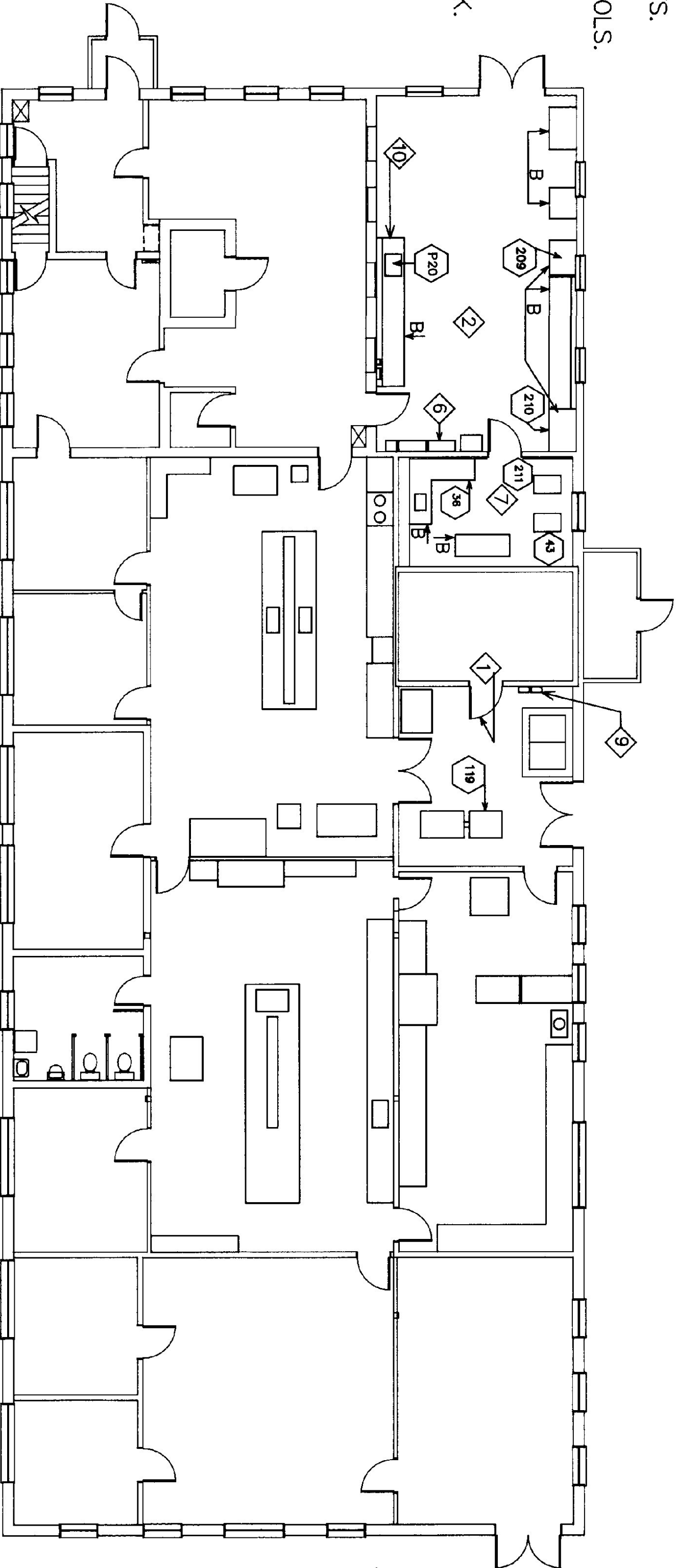
10 NEW CABINET (FURNISHED BY OWNER). CONTRACTOR: DISCONNECT, CAP & REMOVE SINK. RELOCATE & INSTALL IN NEW AGGREGATE LAB. SEE L1, A2, M1 & M2. SEE ALSO NOTE H THIS DRAWING.



EXISTING CONDITIONS

FLOOR PLAN

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



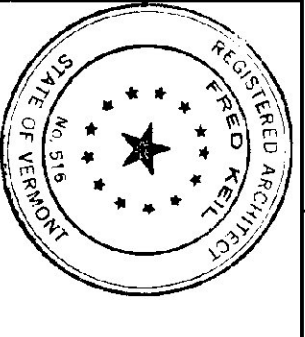
NORTH

EXISTING CONDITIONS

FIRST FLOOR

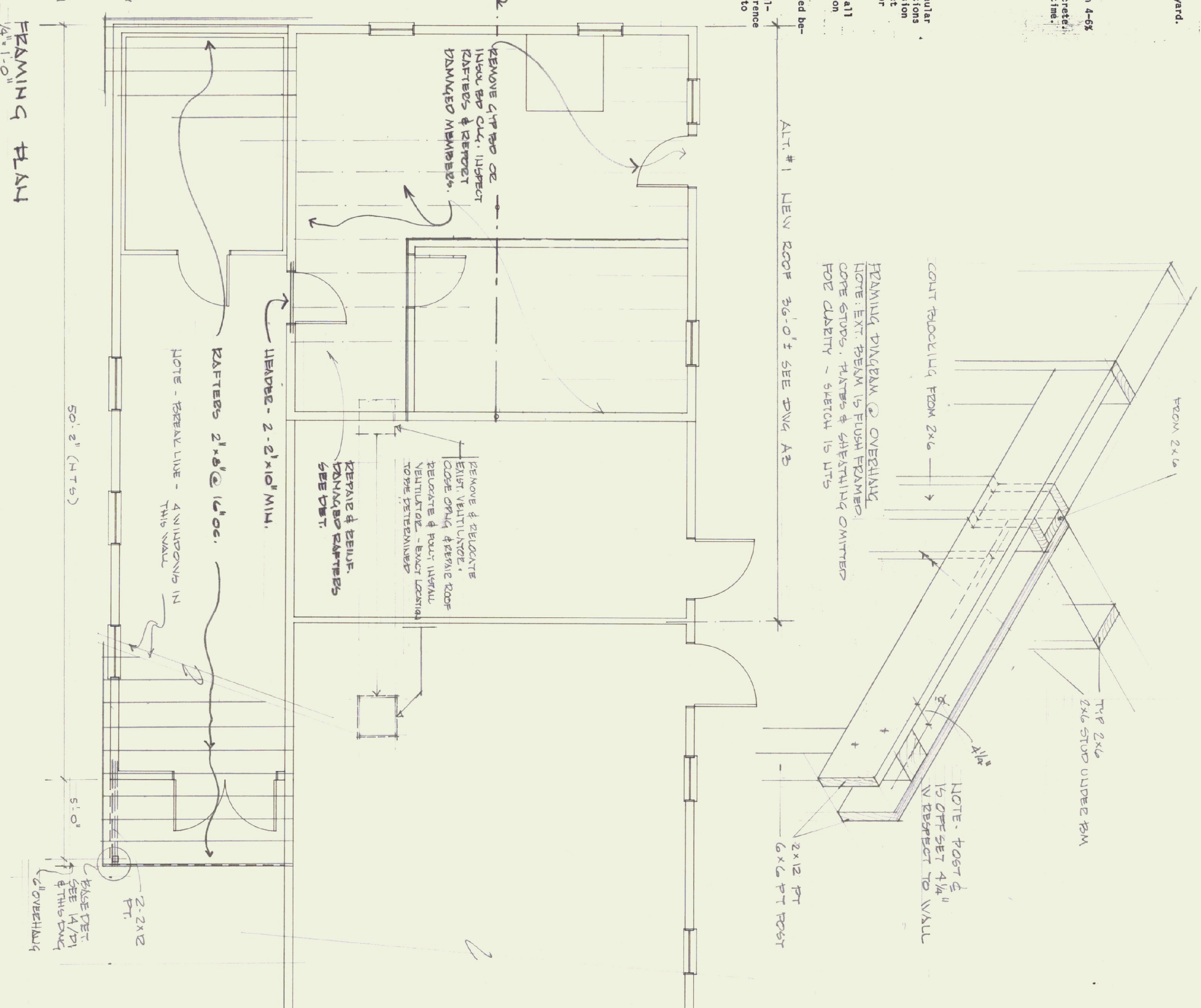
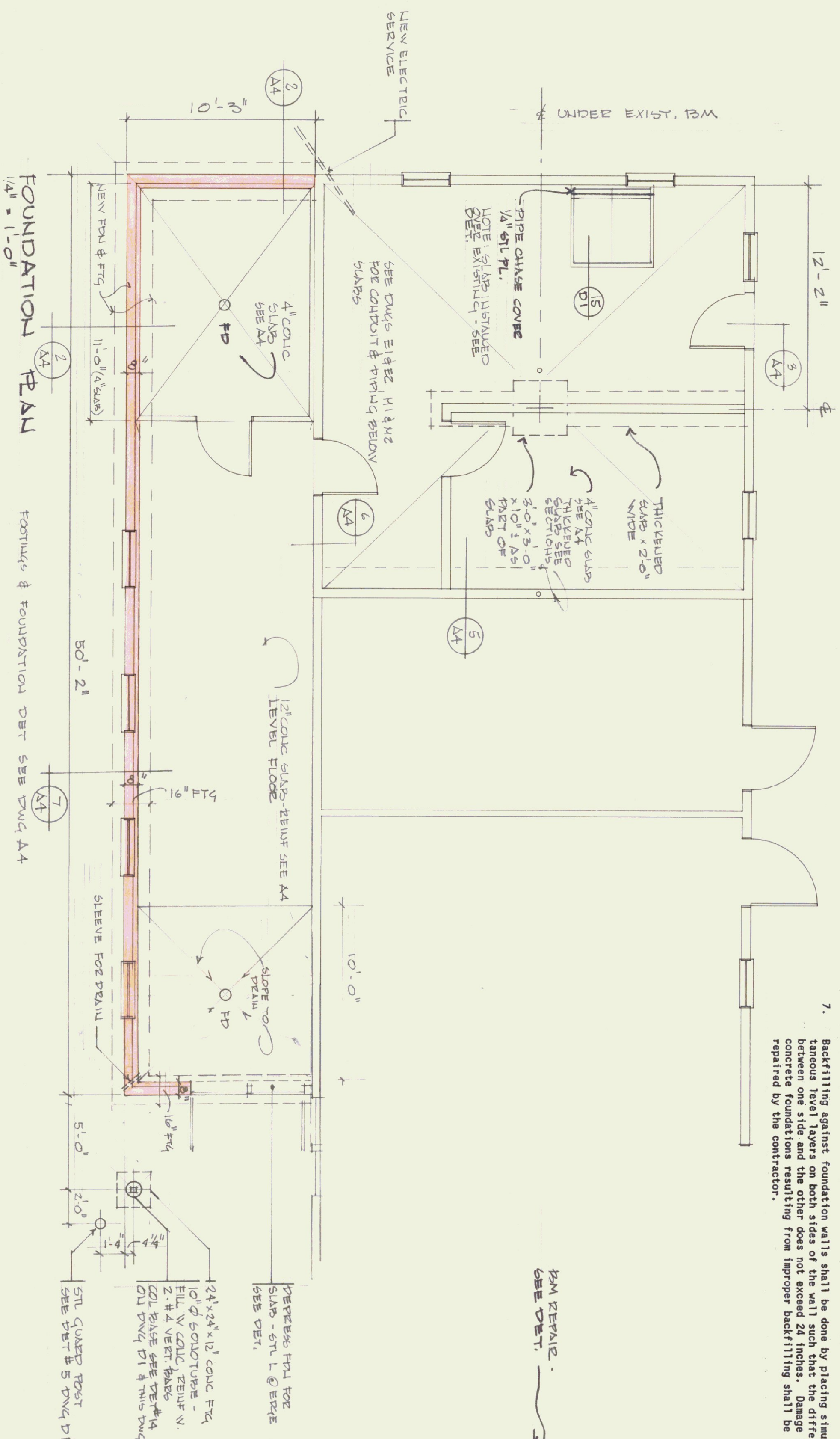
SCALE: 1/8" = 1'-0"

- Demolition and Alteration
- The Contractor, Subcontractor or assigned personnel shall:
- A. Furnish all labor, materials and equipment to complete the demolition and alteration work described on the drawings and specified herein. Install all necessary and required temporary safety rails, bars, enclosures and/or fences.
- B. Demolition and removal shall be complete to facilitate the remodeling of the structure.
- C. All debris shall be removed from the structure and site. Do not stockpile debris on the site or on adjacent properties. Accumulation of debris within the building is not permitted. Burning of debris on site is not permitted.
- D. All demolition shall be done in an orderly manner. Install and maintain adequate shoring, bracing and temporary supports to avoid damage and/or collapse of the structure. Maintain exits accessible at all times. Masonry shall be demolished in small sections or units. Bracing, shoring, scaffolding and platforms shall be used to provide safe working conditions.
- E. Remove walls, partitions, portions of floors, doors, frames, trim, casing, bulletin boards, plumbing fixtures, light fixtures and enlarge, provide and/or cut new openings where shown and required.
- F. Removal of walls and partitions shall be done neatly and completely (except for temporary shoring and bracing) with minimum damage to adjacent walls and ceilings, piping, heating and other equipment.
- G. The equipment will be moved by the Owner. Contractor shall disconnect, dismantle, and reconnect all equipment.
- H. Counters (all "g" items) will be furnished and installed by the Owner. Contractor shall cut openings for sinks and install sinks complete with hot water and drain.
- I. The Contractor's bid shall include the rip-out and potential salvage/reuse of existing built-in ("g" item) counters.
- J. Contractor shall cap all discontinued piping, steam and water piping. Electrical work shall be removed back to the source.

3 NOTE & ID SYMBOL 59 EQUIPMENT NO. SEE DWG L1 FOR LOCATION & DESCRIPTION. REFER TO A, E & M DWGS FOR INSTALLATION.	State of Vermont Department of State Buildings John Zampieri, Commissioner	Materials & Research Laboratory Berlin, VT		Jonson Design, Inc. 2020 U.S. HIGHWAY 100, SUITE 100, BERLIN, VT 05607 P.O. Box 55 - Berlin, Vermont 05601 (802) 247-3600 Architect's Project No. 247	REFERENCE & RIP-OUT PLAN (EXISTING CONDITIONS) REV. #1 - NOV. 1989	DATE: OCT. 10, 1989 DWG. NO. R
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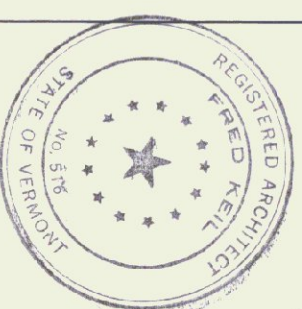
FOUNDATION NOTES

1. All concrete shall be normal weight having a minimum compressive strength of 3000 psi at 28 days with the following requirements:
Portland Cement - ASTM C150, Type II, Minimum 5¢ sacks per cubic yard.
Aggregate - ASTM C33, 3/4" Maximum size for structural concrete.
Water - Potable with a maximum water/cement ratio of 0.55.
Slump - 2" to 4".
2. Slump - 2" to 4".
3. Admixtures - Use air entraining agent conforming to ASTM C260 with 4-6% air content.
Use water reducing agent conforming to ASTM C494 in all concrete.
Calcium chloride may not be used to accelerate the setting time.
4. All reinforcing steel shall comply with ASTM A615, Grade 40.
5. The following minimum concrete cover shall be provided for reinforcement:
Concrete cast against earth 3"
Concrete exposed to earth or weather 1 1/2"
6. Footings shall rest on suitable undisturbed soil or compacted granular fill. All reinforcement shall be placed at least 4" above the bottom of footings as shown on plans, but are subject to revision when true soil conditions are exposed by excavation. The architect shall be notified promptly of any weak strata, water conditions, or other poor bearing conditions.
7. Proper vibration of the concrete is important in the placement of all concrete.
The contractor shall make provisions for back-up vibration equipment.
8. Concrete temperature during the first seven days shall be maintained between 50°F and 90°F. Rapid drying must be prevented.
9. Backfilling against foundation walls shall be done by placing sand-tamped in three layers on each side of the wall. The difference between one side and the other does not exceed 24 inches. Damage to concrete foundations resulting from improper backfilling shall be repaired by the contractor.



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John Zampieri, Commissioner

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Berlin, VT



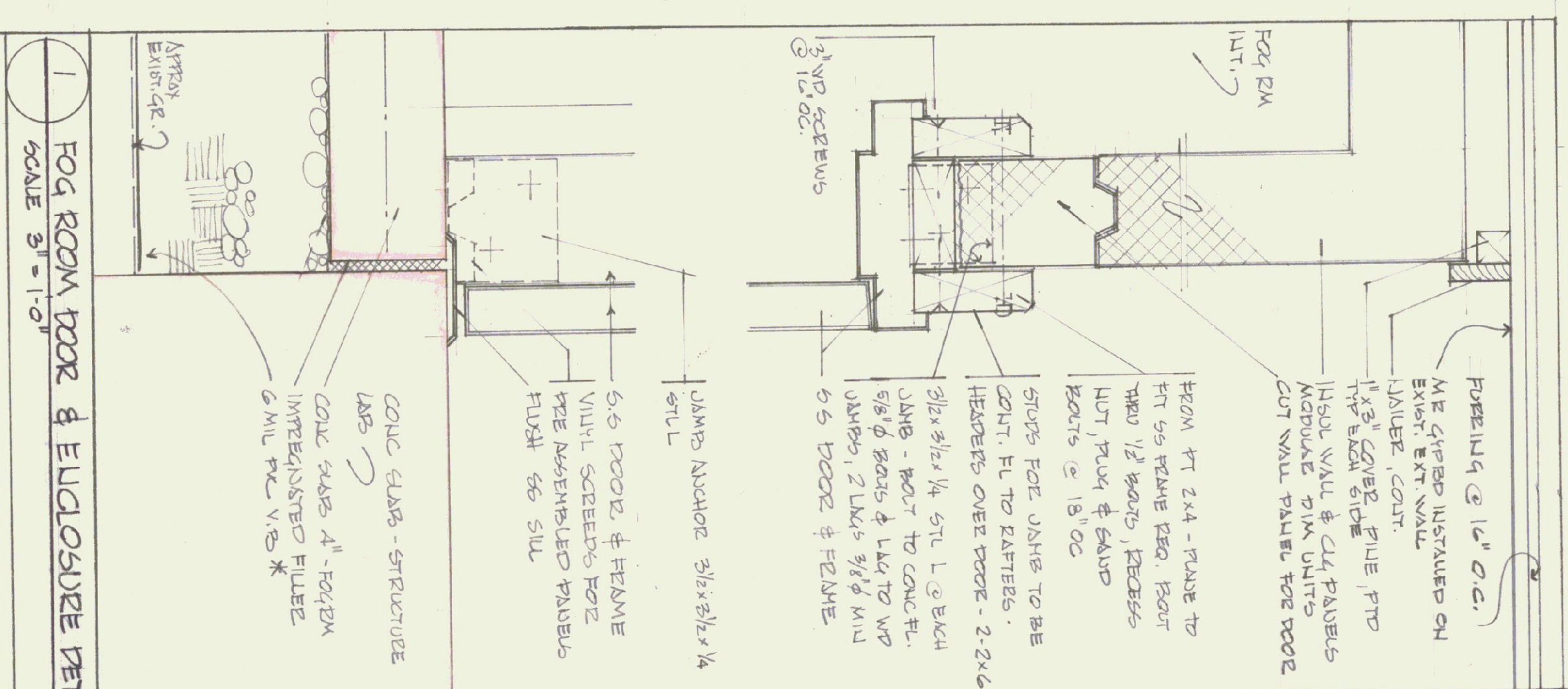
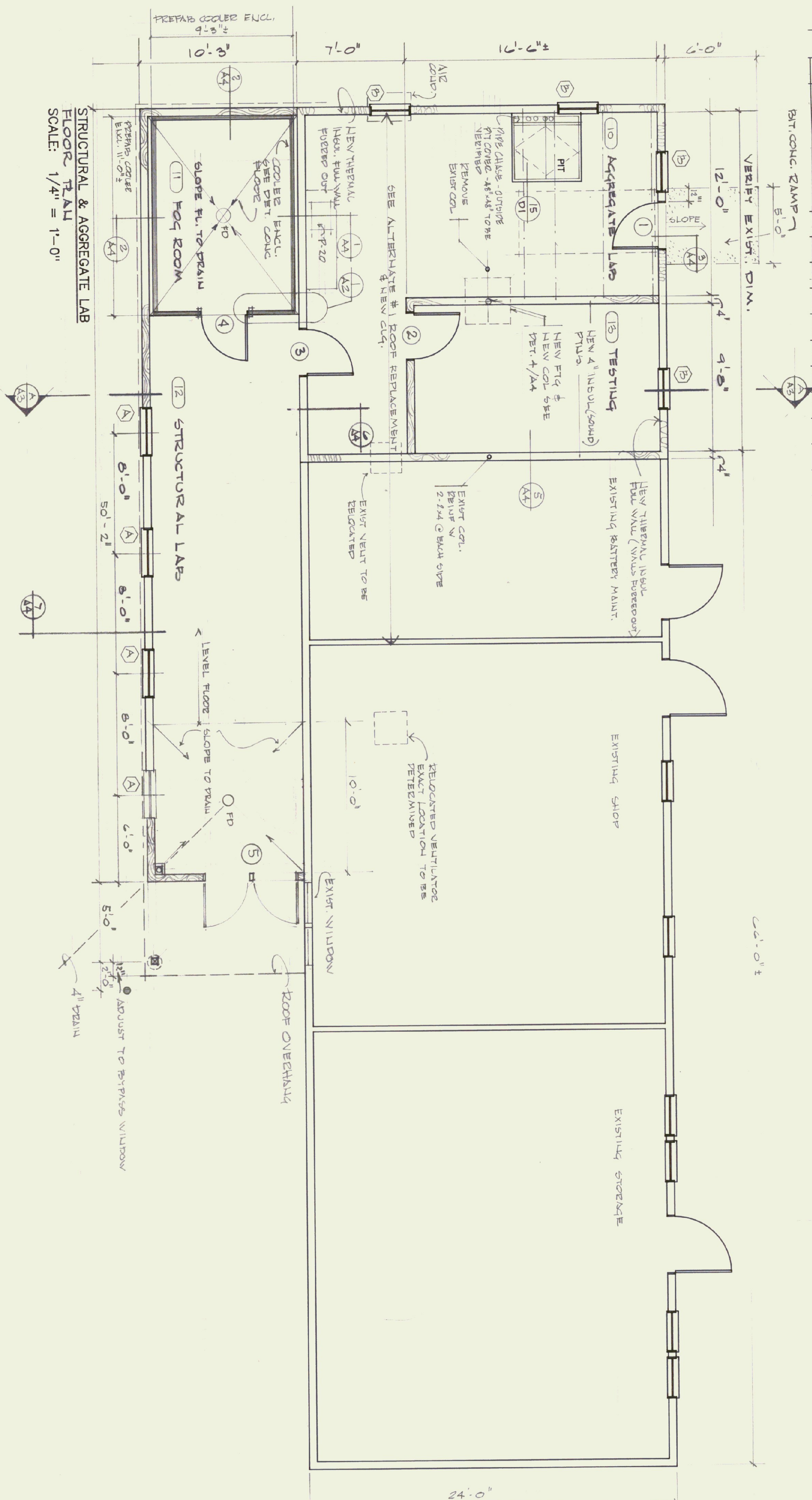
Janson Design, Inc.
FRED KELL ARCHITECT
P.O. BOX 55 - BOLTON ROAD, WATERBURY, VT 05676
(802) 244-5800

DATE:	OCT. 10, 1989.
FOUNDATION & FRAMING TEAM	DEV. 1: NOV 6 1989

DOOR SCHEDULE									
DOOR				FRAME		UNTEL	THRESH.	HOW SET	REMARKS
NO.	TYPE	WIDTH	HGT.	THK.	MAT'L	FIN.	MAT'L	FIN.	DTL. NO.
1	2	3-0	6-6	1 1/4	HM	PTD	HM	PTD	2-2A10
2	1	1-1/2	3-0	6-6	1 1/4	WD	S+V	HM	PTD 1, C/D1
3	1	1-1/2	3-0	6-6	1 1/4	WD	S+V	HM	PTD 1, C/D1
4	6-6	3-0	6-6	5-5	SS		SS		1, A2
5	4	2-30	7-0	1 3/4	HM	PTD	HM	PTD	4, 12, 15/D1
									2-2A12 PER. (B)
									REMOVE MULLION
									RELOC. EXIST. DOOR. FRAME
									RELOC. DOOR, INSUL. & SURETY GL.

ROOM FINISH SCHEDULE											REMARKS
NO.	ROOM	BASES		WALLS		CEILING		TRIM	Q.G.		
	NAME	MAT'L	FIN.	MAT'L	FIN.	MAT'L	FIN.	MAT'L	FIN.	HGT.	
10	ADJACENT LAB	CONC	PTD	CONC	PTD	CONC	PTD	WD	PTD	VIETS	ALCOVE BY CORRIDOR HALL + STAIRS 50% TRAIL GROUP
11	FOG ROOM	CONC	"	"	PTD	"	"	WD	PTD	VIETS	FREE PM PALMBA NIKO & CARO
12	STRUCTURAL LAB	CONC	"	SHINGE	PTD	CONC	PTD	WD	PTD	VIETS	
13	TESTING	CONC	"	SHINGE	PTD	CONC	PTD	WD	PTD	VIETS	

WINDOW		SCHEDULE		REMARKS
LTG	TYPE	MAT.	MANUF. & MODEL	
A	7-11	W/VALU	ALBERTSON'S FREEMANSHIRE PAPER HLDG 24/10	LOW & HIGHER CL. & FULL SCREEN
B	12-1	"	VEETRY REPLACEMENT SIZE APPROX 24/10	LOW & HIGHER CL. & FULL SCREEN



NOTES:

1. THE RELOCATION OF EQUIPMENT & AVAILABLE OPENINGS / DOOR INSTALLATION MUST BE COORDINATED WITH OWNER.
2. EXISTING POWER PANEL HEAD PIT MAY BE USED AS TEMP. POWER PANEL FOR Q.C.
3. CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS WITHIN THE CONSTRUCTION LIMIT WITH 2" REINFORCED CONC.

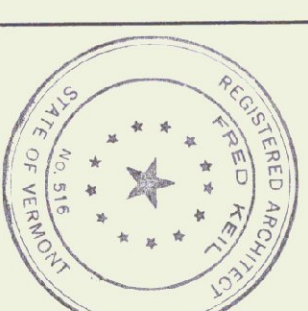
SEE NOTE # 8

THAT IS - NEW INCL. WARDER BARBERS & GYP RD ON ALL SURFACES INCL. CLQ.

* OWNER REQUESTED THIS LOCATION FOR VAPORBARRIER

State of Vermont
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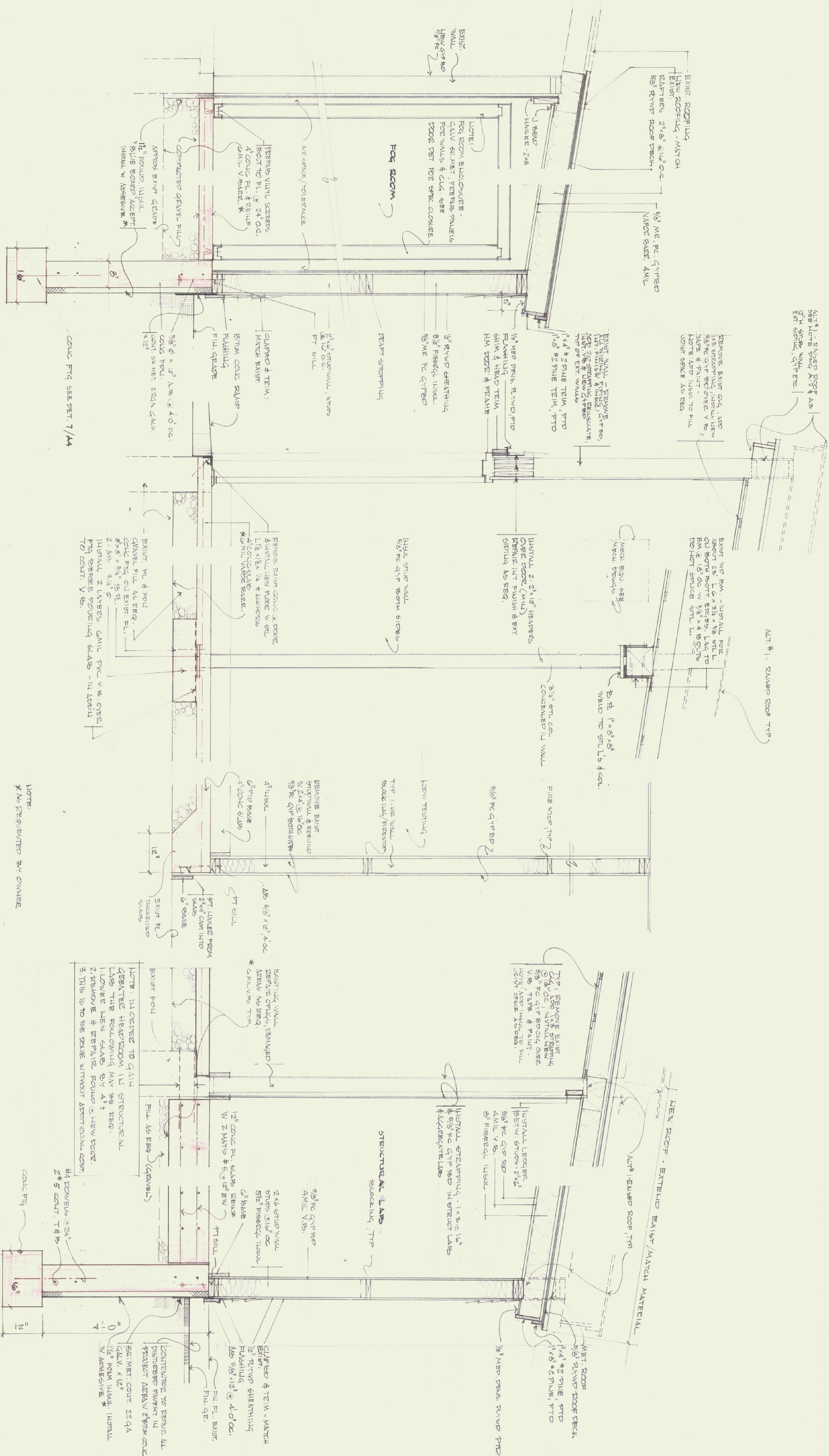


Janson Design, Inc.
FRED KEL, ARCHITECT
P.O. BOX 55 - BOLTON ROAD, WATERBURY, VT 05672
(802) 244-5800

DATE:	1002 PLAN
OCT. 10, 1989	REV #1, ELLIOTT TAYLOR TO 5012 JAN 6 1989
DWG. NO.	
A 2	

REV #1 ENLARGE BURY TO 50'±2"
HON 6 1989

DWG. NO.



1 WALL SECTION 1
SCALE 1/4" = 1'-0"

2 WALL SECTION 2
SCALE 1/4" = 1'-0"

3 WALL SECTION 3
SCALE 1/4" = 1'-0"

4 WALL SECTION 4
SCALE 1/4" = 1'-0"

5 WALL SECTION 5
SCALE 1/4" = 1'-0"

6 WALL SECTION 6
SCALE 1/4" = 1'-0"

7 WALL SECTION 7
SCALE 1/4" = 1'-0"

NOTE:
* AS REQUESTED BY OWNER

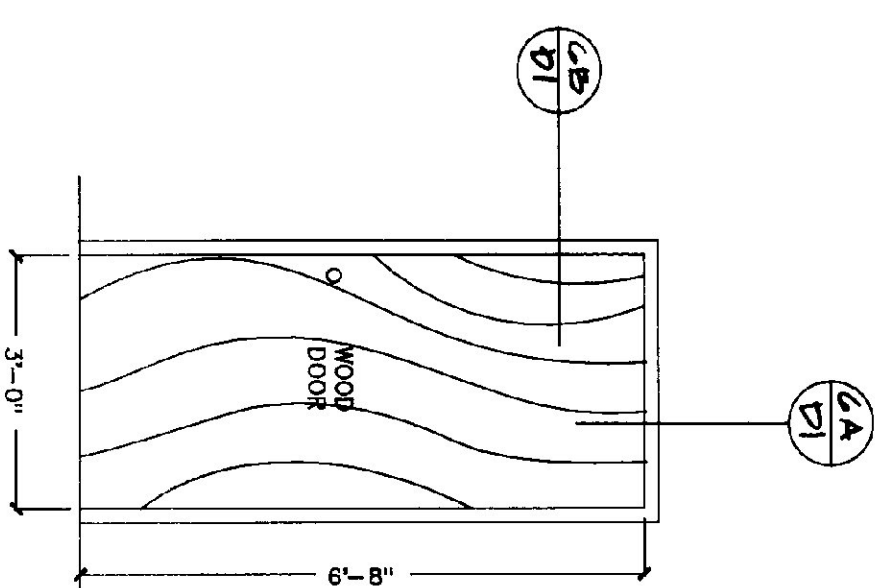
State of Vermont
Department of State Buildings
John Zampieri, Commissioner

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Laboratory
Berlin, VT

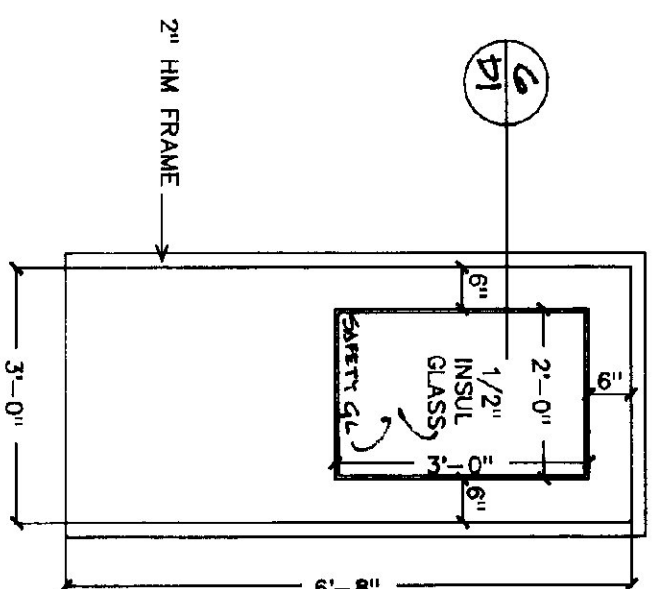


Jonson Design, Inc.
FRED YOUNG, ARCHITECT
P.O. BOX 55 - BURLINGTON, VT 05406
(802) 244-5800
Architect's Project No. 247

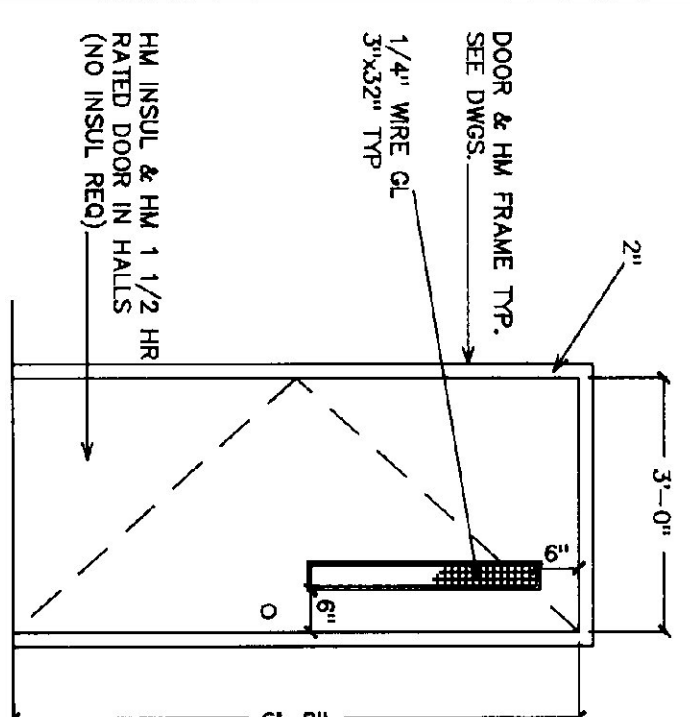
WALL SECTION 1
DATE: OCT. 10, 1989
DWG. NO. A4



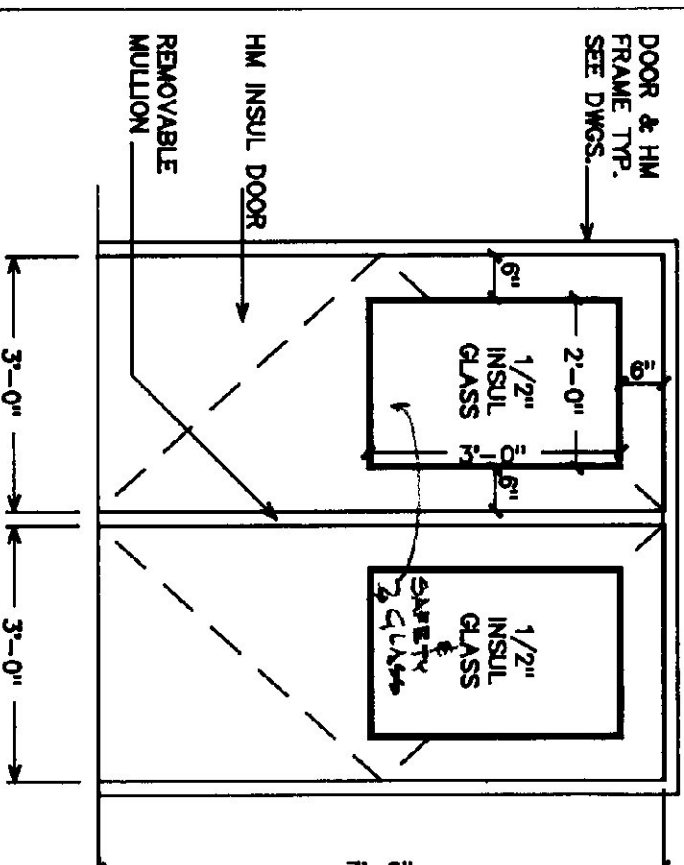
1	TYP 1-HR RATED DOOR ELEV	SCALE: 1/2" = 1'-0"
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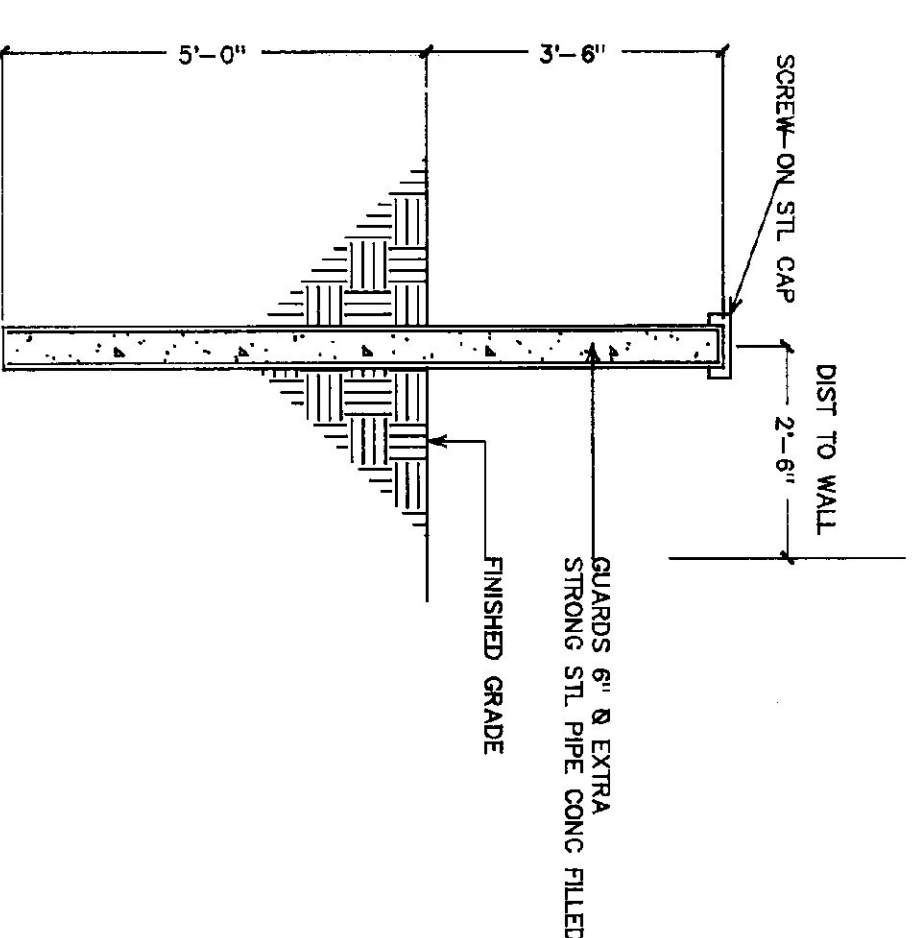
2	TYP DOOR
SCALE: 1/2" = 1'-0"	



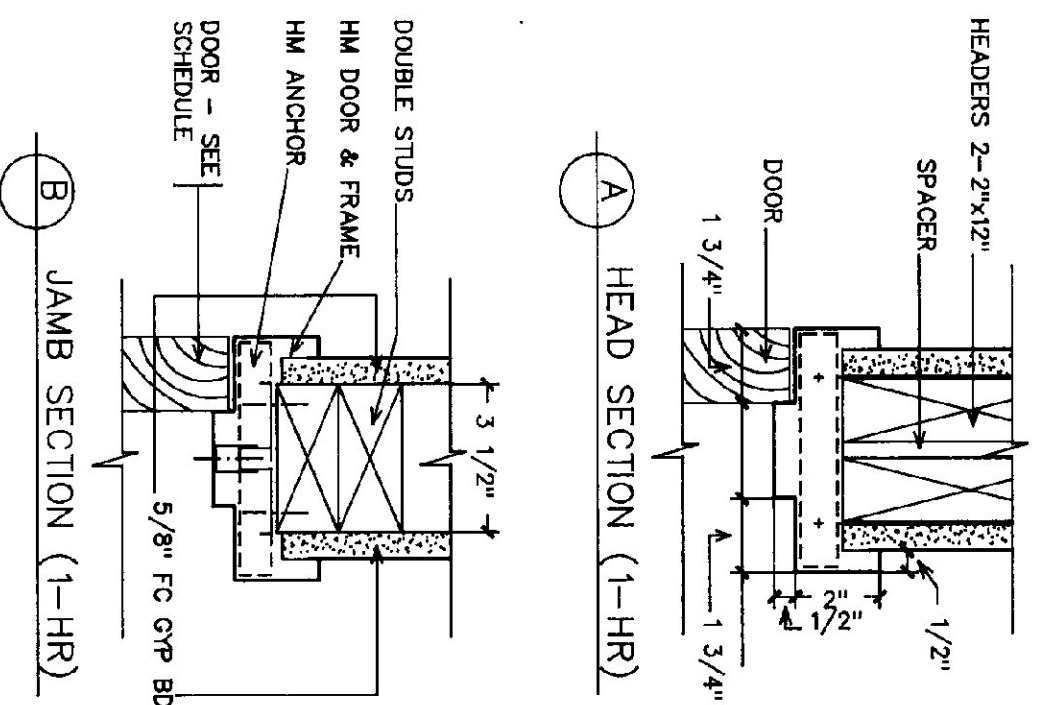
3	TYPICAL DOORS, 1-HR RATING
	SCALE: 1/2" = 1'-0"



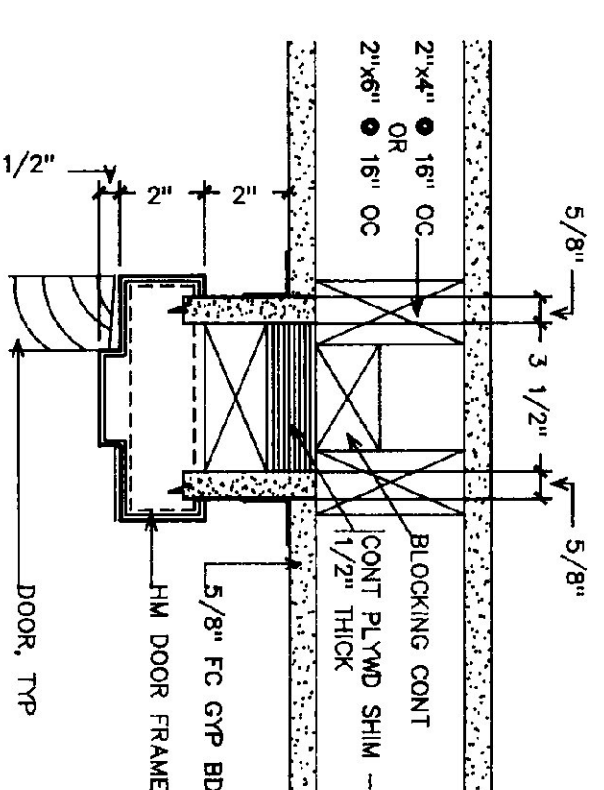
4	TYPICAL FIRE RATED DOORS
	SCALE: 1/2" = 1'-0"



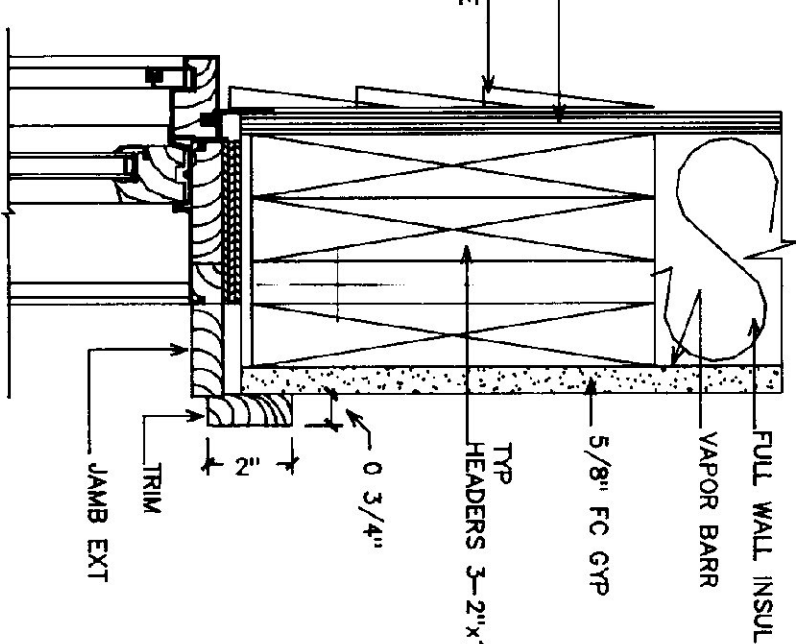
5	GUARD POST DETAIL
	SCALE: 1/2" = 1'-0"



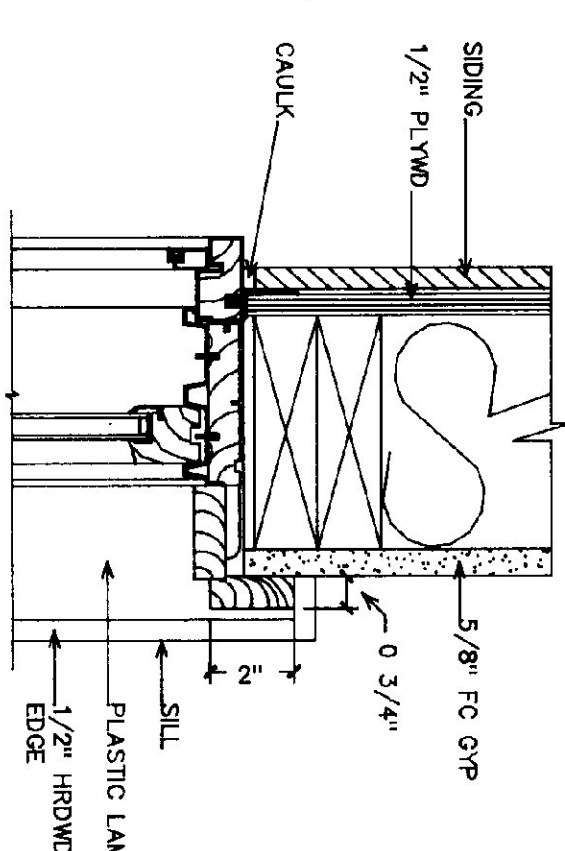
6	TYP DOOR DETAIL - 1-HR	
	SCALE: 3" = 1'-0"	4" WALL



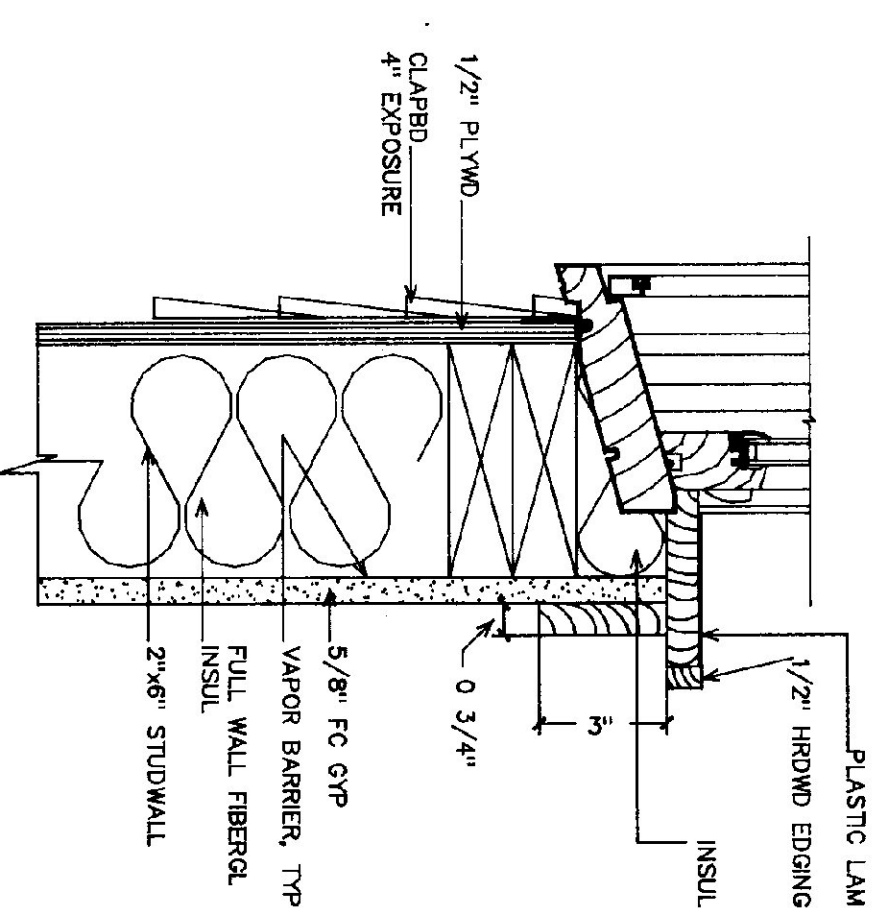
7	TYP DOOR JAMB - 1-HR SCALE: 3" = 1'-0"
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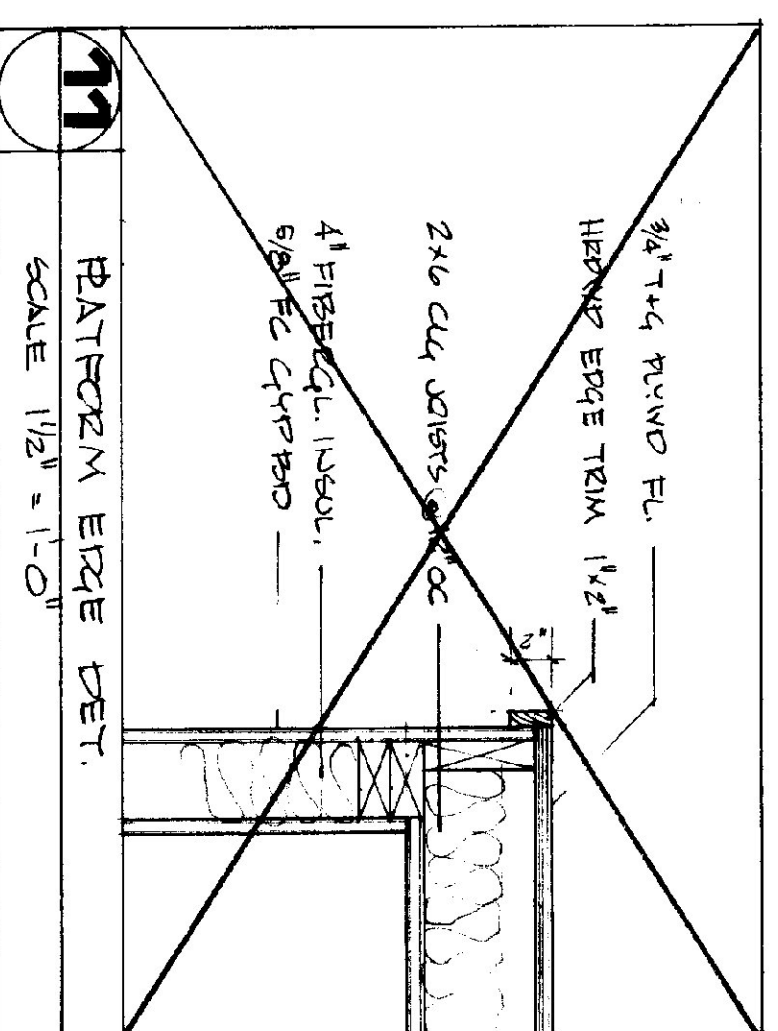
8	TYP WINDOW HEAD DETAIL
	SCALE: 3" = 1'-0"



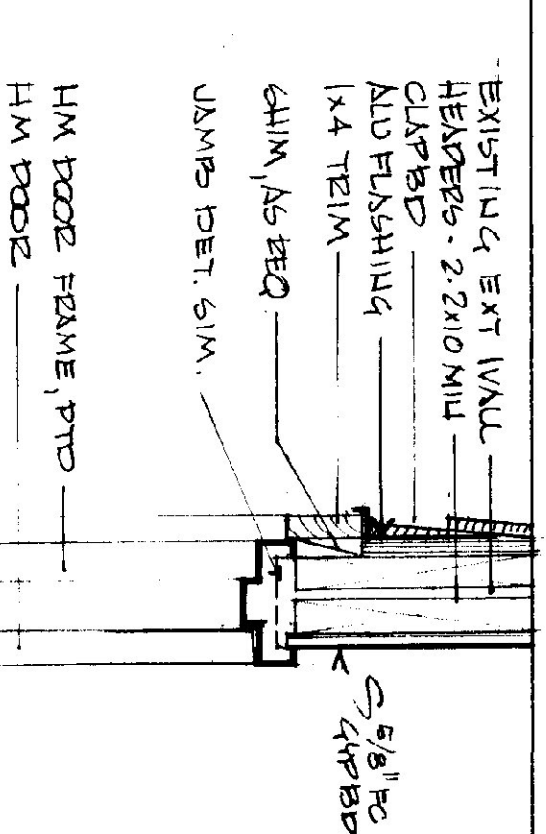
9	TYP WINDOW JAMB DETAIL
	SCALE: 3" = 1'-0"



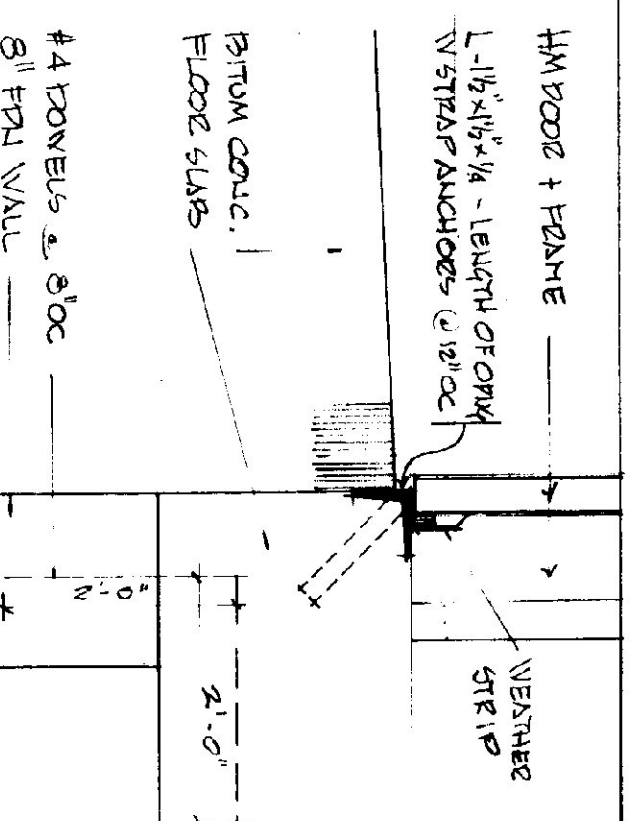
10	TYP WINDOW SILL DETAIL
	SCALE: 3" = 1'-0"



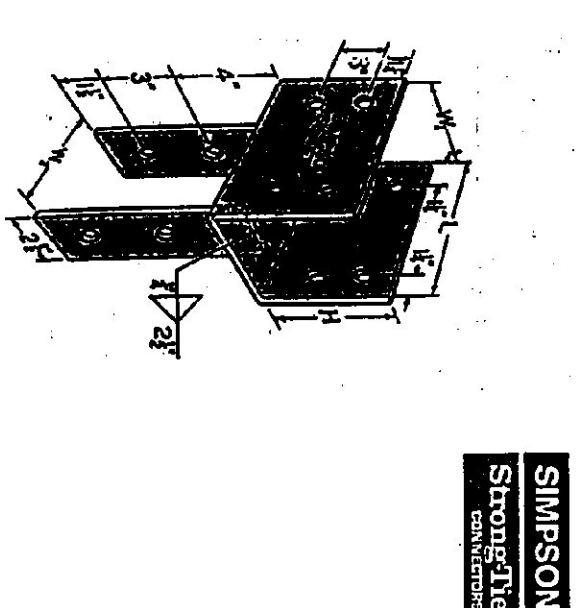
11 PLATFORM EDGE DET.
SCALE 1 1/2" = 1'-0"



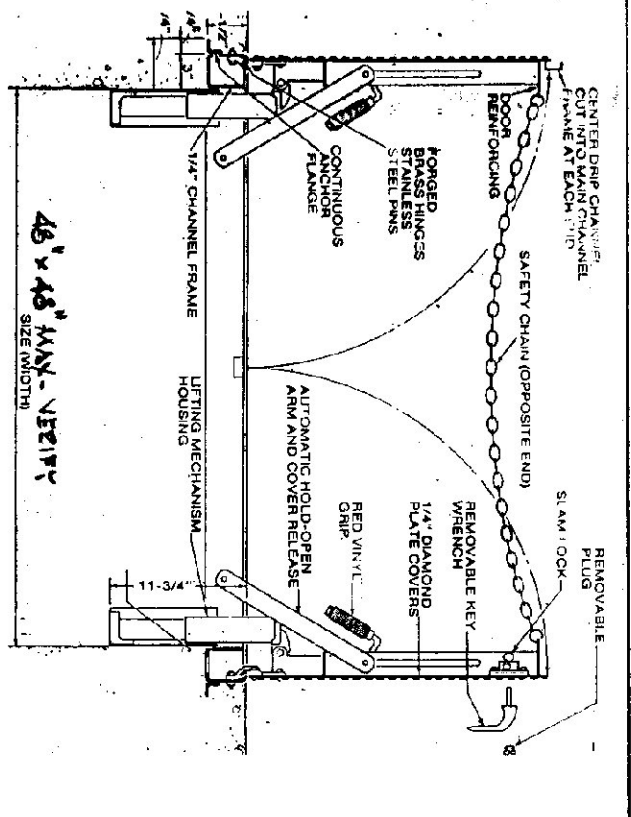
12	HEAD DET. FOR ROO #
	SCALE 1 1/2" = 1'-0"



13	SILL DET. g. EXT. DOUBLE DOORS
	SCALE 1 1/2" = 1'-0"



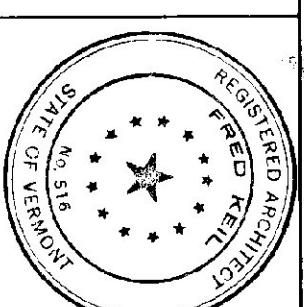
14	QALV. STL COL. BASE, TYPE
	MTS



15	PT COVER, TYP. 100PSF MIN LL
HT5	

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John Zampieri, Commissioner

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Laboratory
Berlin, VT



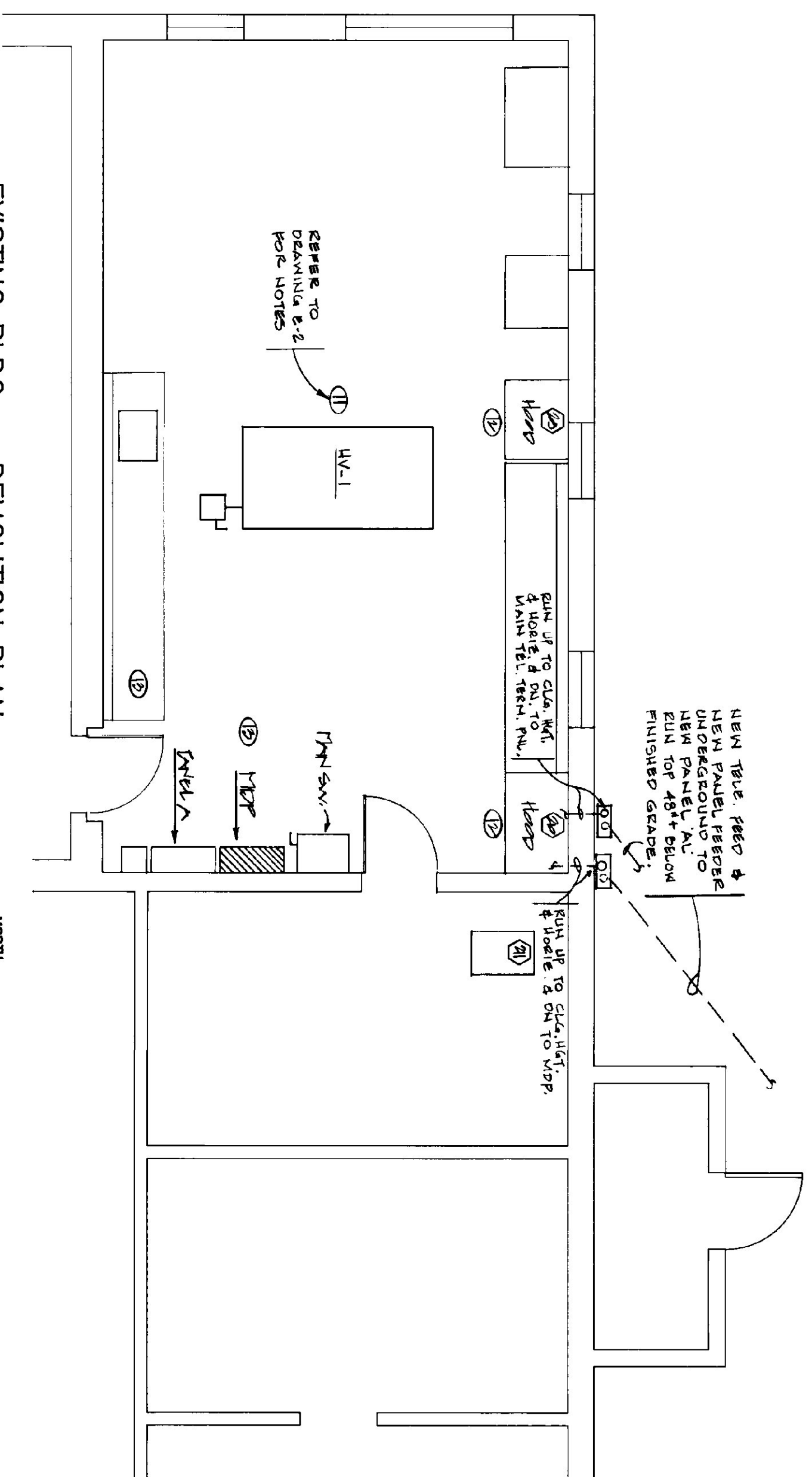
Janson Design, Inc.
 FRED HEIL, ARCHITECT
 P.O. BOX 55 - BOLLTON ROAD, WATERBURY, VT 05676
 (902) 244-5800

Architect's Project No. 247

DETAILS

DATE:
OCT. 10,
1989

DWG. NO.
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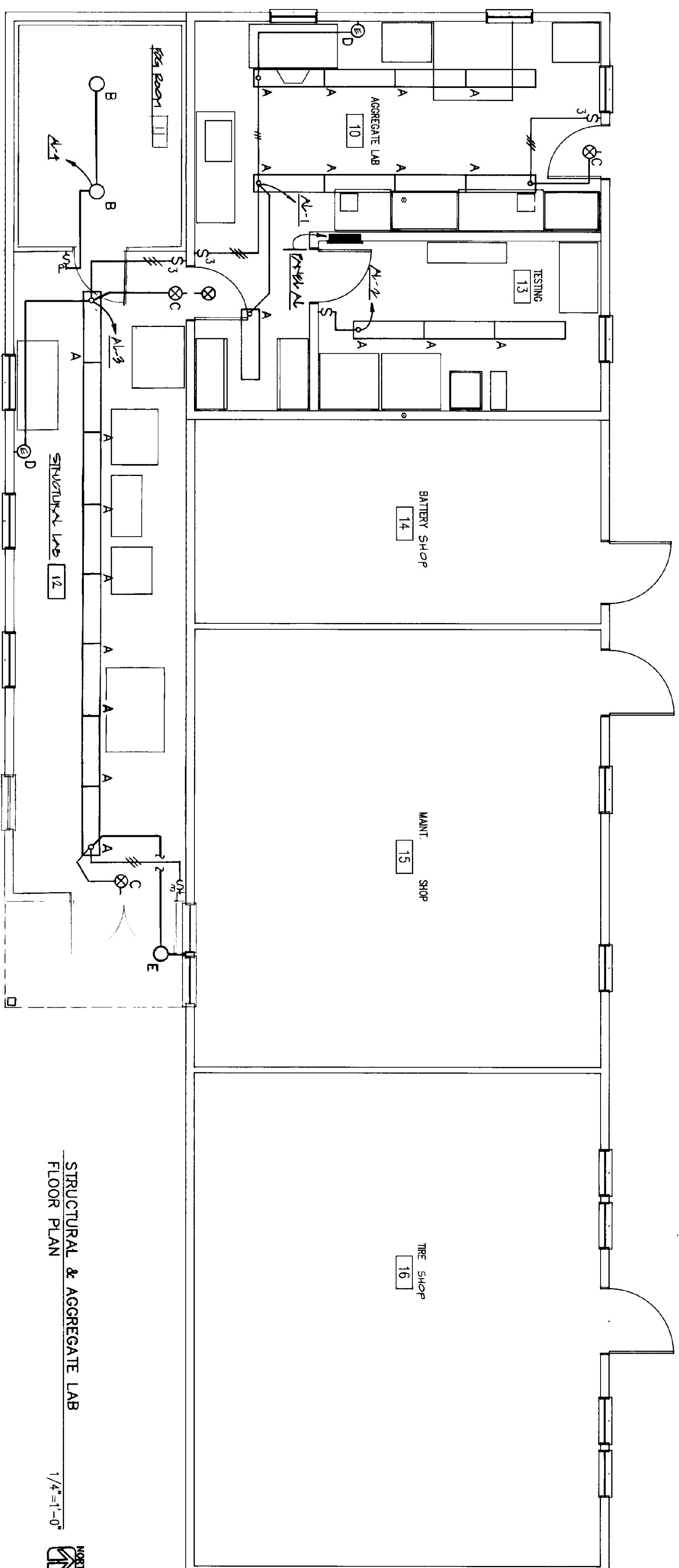
EXISTING BLDG. - DEMOLITION PLAN

$$\underline{1/4'' = 1' - 0''}$$


LIGHTING FIXTURE SCHEDULE					
TYPE MANUFACTURER	QTY NO.	WATTS	DIFFUSER	MOUNTING	REMARKS
A LITHONIA	EV 230 X 120 BS HO BOV	3 FTTS C/YES	HOAT H/INT AC/ULIC	SPRING H/INT BOOTH/BOV	3-STEP H/INT ELECTRIC SILENCE
B LAMP	VX 120 DS	1-100W I.F.	CLINT D/INT CST S/INT	S/INT	HOAT H/INT ELECTRIC SILENCE
C LITHONIA	MSWIR 120 EL				3-STEP H/INT ELECTRIC SILENCE
D LITHONIA	ELM 2				3-STEP H/INT ELECTRIC SILENCE
E LITHONIA	TWL 10500 PB	100W H/INT	POLYCARBONATE	1-100W H/INT	3-STEP H/INT ELECTRIC SILENCE

LEGEND

- | | |
|---|---|
|  | FLUORESCENT FIXTURE, LETTER DENOTES TYPE, E./A. DENOTES EMERGENCY LIGHT |
|  | INCANDESCENT AND/OR FLUORESCENT FIXTURE, CEILING MTD., LETTER DENOTES TYPE |
|  | INCANDESCENT AND/OR FLUORESCENT FIXTURE, WALL MTD., LETTER DENOTES TYPE |
|  | HIGH INTENSITY DISCHARGE (H.I.D.) FIXTURE, WALL MOUNTED, LETTER DENOTES TYPE |
|  | EXIT/EMERGENCY FIXTURE, CEILING MTD., LETTER DENOTES TYPE |
|  | SWITCH, SINGLE POLE, LENTON #122-1, 20A, GROUNDING, MOUNT TOP 44" A.F.F. |
|  | SWITCH, THREE-WAY, LENTON #123-1, 20A, GROUNDING, MOUNT TOP 44" A.F.F. |
|  | SWITCH W/PILOT LIGHT, LENTON #127-1
MOUNT TOP 44" A.F.F. |
|  | DUPLEX RECEPT, LENTON #358-1, 20A, 125V, MOUNT BOTTOM 16" A.F.F.
E.M.C. DENOTES ELECTRIC W/HER COOLER, |
|  | DUPLEX RECEPT, LENTON #358-2, 20A, 125V, MOUNT HORIZONTALLY ABOVE COUNTER HEIGHT |
|  | DOUBLE DUPLEX RECEPT, LENTON (2) #358-1, 20A, 125V, MOUNT 16" A.F.F. |
|  | DUPLEX RECEPT W/GFI PROTECTION, LENTON #358-1, MOUNT HORIZONTALLY ABOVE COUNTER HEIGHT |
|  | DUPLEX RECEPT W/GFI PROTECTION, LENTON #358-1, W/81918V W.P. COVER MOUNT BOTTOM 24" F.F.G., W.P. DENOTES WEATHERPROOF |
|  | DUPLEX RECEPT W/GFI PROTECTION, LENTON #358-1, W/81918V W.P. COVER HORIZONTALLY ABOVE COUNTER HEIGHT, W.P. DENOTES WEATHERPROOF |
|  | JUNCTION BOX |
|  | DISCONNECTED SWITCH, W.P. DENOTES WEATHERPROOF |
|  | MOTOR CONTROLLER |
|  | MOTOR |
|  | PANELBOARD, SURFACE MTD./FLUSH MTD. |
|  | DISTRIBUTION PANEL |
|  | BRANCH CIRCUIT WIRING CONCEALED IN WALL, CEILING & FLOOR,
(/) DENOTES CONDUCTOR COUNT |
|  | HOMERUN TO PANELBOARD, (/) DENOTES CONDUCTOR COUNT |
|  | TELEPHONE OUTLET |



STRUCTURAL & AGGREGATE LAB
FLOOR PLAN

$$\underline{1/4^n = 1' - 0}$$


NOTES- ADDED BY ARCHITECT OCTOBER 12, 1988

1. REFER TO THE SITE PLAN ON THE TITLE SHEET FOR THE APPROXIMATE LOCATION OF EXISTING UTILITIES AND THE PROPOSED UNDERGROUND ELECTRICAL SERVICE AND DRAINAGE LINES.

2. A-B-D-ON DRAWINGS-A4-104, E1-104, E2-THE F99
HOLD IS NOT SHOWN TO SCALE-SEE 2-2-
DRAWING-11-11-FOR THE CORRECT F99-HOLD SIZE

3. ALTERNATE # 1, RAISED ROOF, SHALL INCLUDE ALL LABOR, MATERIALS AND ASSOCIATED COSTS WITH THE REMOVAL, RELOCATION AND RE-INSTALLATION OF EXISTING MECHANICAL AND ELECTRICAL EQUIPMENT.

DA

10.10.22

DWG. NO.

CHOCOLATE, INC.

State of Vermont

Department of State Buildings

John Zampieri, Commissioner

Materials & Research

Laboratory

Berlin, VT

Janson Design, Inc.

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BALTON ROAD, WA
(802) 244-5800

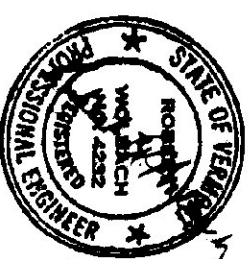
Architect's Project No. 247

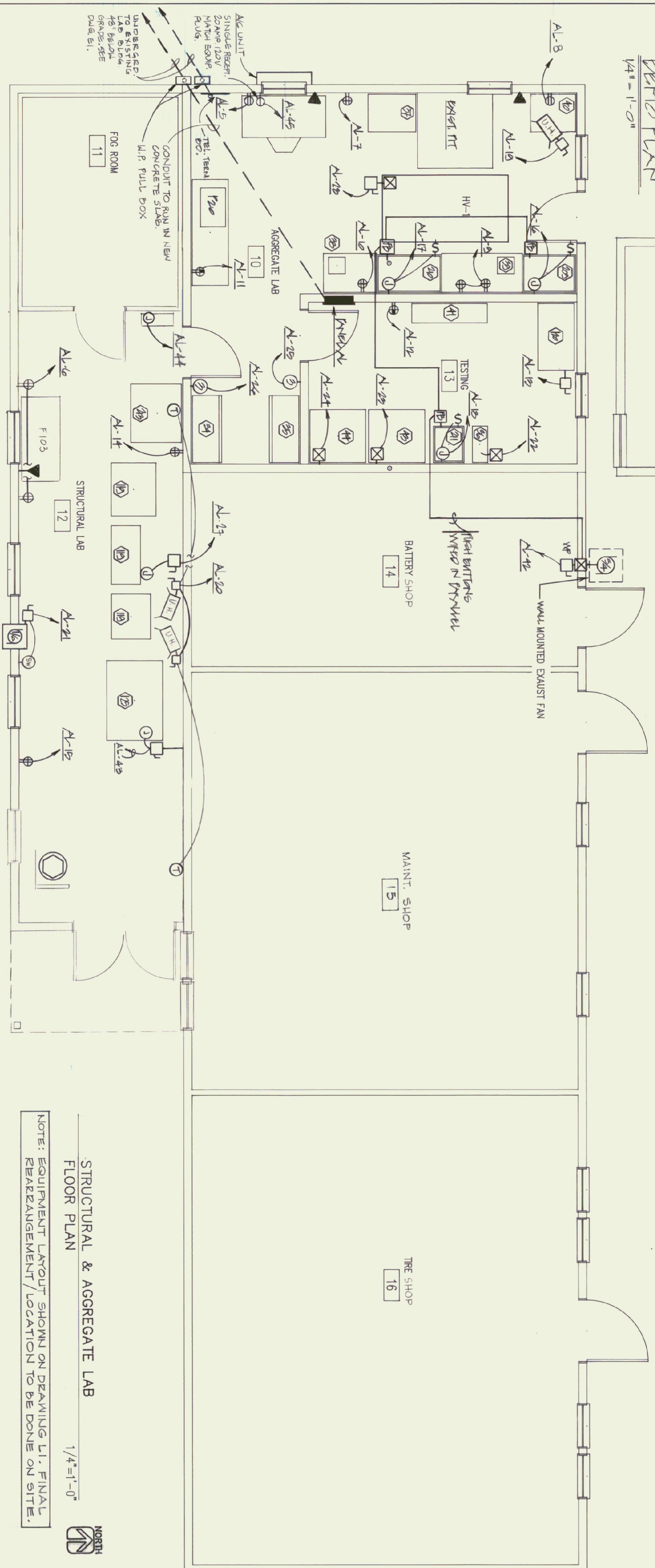
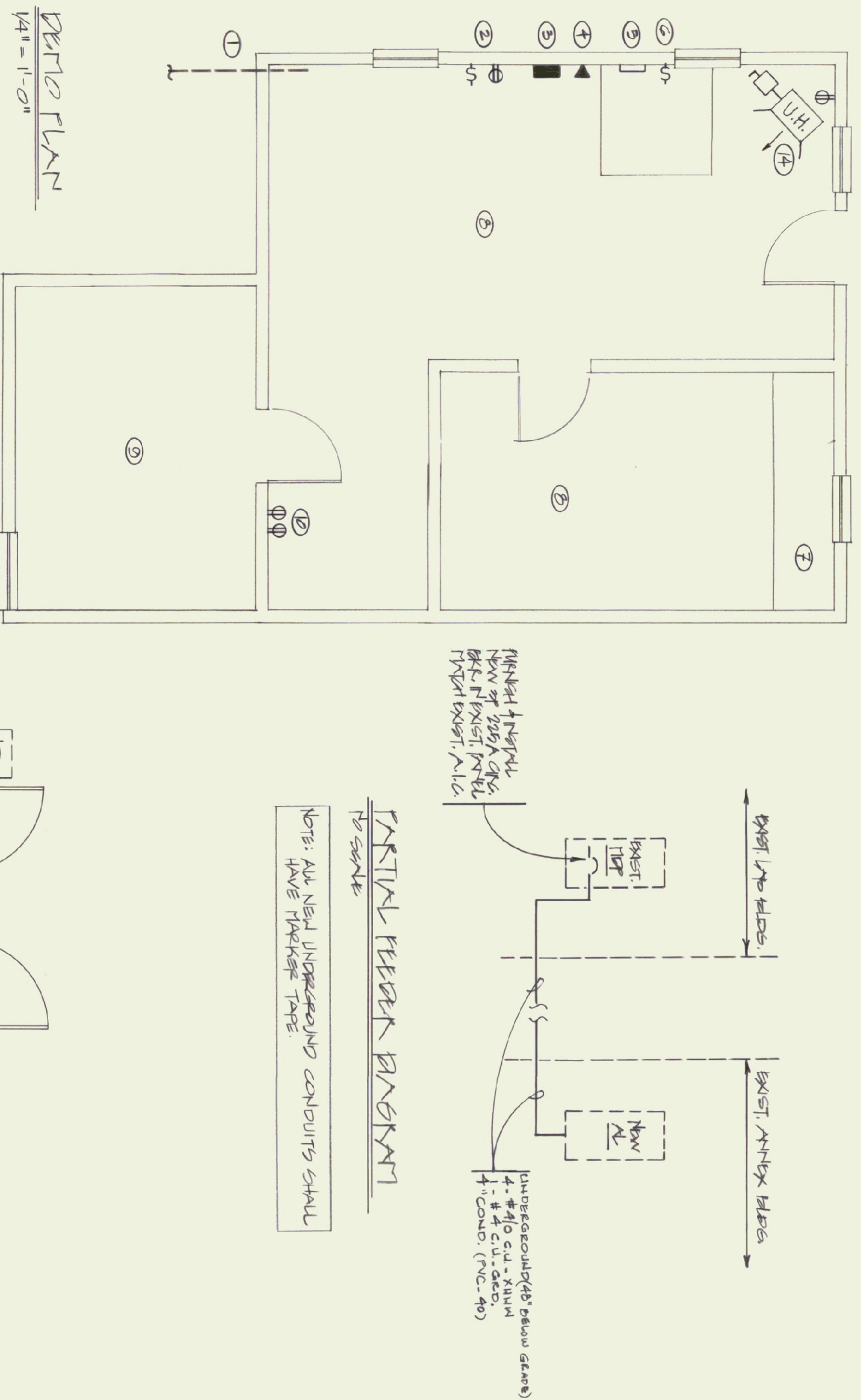
DEMOLITION &
LIGHTING PLAN

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CHOCOLATE, INC.

Wolbach Engineering, Inc.
Consulting Engineers
20 Kimball Ave., Suite 102, S. Burlington, VT 05403
(802) 658-4044





PANEL 1						PANEL 2		PANEL 3		PANEL 4		PANEL 5		PANEL 6		PANEL 7		PANEL 8		PANEL 9		PANEL 10		PANEL 11		PANEL 12		PANEL 13		PANEL 14		PANEL 15		PANEL 16		PANEL 17		PANEL 18		PANEL 19		PANEL 20		PANEL 21		PANEL 22		PANEL 23		PANEL 24		PANEL 25		PANEL 26		PANEL 27		PANEL 28		PANEL 29		PANEL 30		PANEL 31		PANEL 32		PANEL 33		PANEL 34		PANEL 35		PANEL 36		PANEL 37		PANEL 38		PANEL 39		PANEL 40		PANEL 41		PANEL 42		PANEL 43		PANEL 44		PANEL 45		PANEL 46		PANEL 47		PANEL 48		PANEL 49		PANEL 50		PANEL 51		PANEL 52		PANEL 53		PANEL 54		PANEL 55		PANEL 56		PANEL 57		PANEL 58		PANEL 59		PANEL 60		PANEL 61		PANEL 62		PANEL 63		PANEL 64		PANEL 65		PANEL 66		PANEL 67		PANEL 68		PANEL 69		PANEL 70		PANEL 71		PANEL 72		PANEL 73		PANEL 74		PANEL 75		PANEL 76		PANEL 77		PANEL 78		PANEL 79		PANEL 80		PANEL 81		PANEL 82		PANEL 83		PANEL 84		PANEL 85		PANEL 86		PANEL 87		PANEL 88		PANEL 89		PANEL 90		PANEL 91		PANEL 92		PANEL 93		PANEL 94		PANEL 95		PANEL 96		PANEL 97		PANEL 98		PANEL 99		PANEL 100		PANEL 101		PANEL 102		PANEL 103		PANEL 104		PANEL 105		PANEL 106		PANEL 107		PANEL 108		PANEL 109		PANEL 110		PANEL 111		PANEL 112		PANEL 113		PANEL 114		PANEL 115		PANEL 116		PANEL 117		PANEL 118		PANEL 119		PANEL 120		PANEL 121		PANEL 122		PANEL 123		PANEL 124		PANEL 125		PANEL 126		PANEL 127		PANEL 128		PANEL 129		PANEL 130		PANEL 131		PANEL 132		PANEL 133		PANEL 134		PANEL 135		PANEL 136		PANEL 137		PANEL 138		PANEL 139		PANEL 140		PANEL 141		PANEL 142		PANEL 143		PANEL 144		PANEL 145		PANEL 146		PANEL 147		PANEL 148		PANEL 149		PANEL 150		PANEL 151		PANEL 152		PANEL 153		PANEL 154		PANEL 155		PANEL 156		PANEL 157		PANEL 158		PANEL 159		PANEL 160		PANEL 161		PANEL 162		PANEL 163		PANEL 164		PANEL 165		PANEL 166		PANEL 167		PANEL 168		PANEL 169		PANEL 170		PANEL 171		PANEL 172		PANEL 173		PANEL 174		PANEL 175		PANEL 176		PANEL 177		PANEL 178		PANEL 179		PANEL 180		PANEL 181		PANEL 182		PANEL 183		PANEL 184		PANEL 185		PANEL 186		PANEL 187		PANEL 188		PANEL 189		PANEL 190		PANEL 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828		PANEL 829		PANEL 830		PANEL 831		PANEL 832		PANEL 833		PANEL 834		PANEL 835		PANEL 836		PANEL 837		PANEL 838		PANEL 839		PANEL 840		PANEL 841		PANEL 842		PANEL 843		PANEL 844		PANEL 845		PANEL 846		PANEL 847		PANEL 848		PANEL 849		PANEL 850		PANEL 851		PANEL 852		PANEL 853		PANEL 854		PANEL 855		PANEL 856		PANEL 857		PANEL 858		PANEL 859		PANEL 860		PANEL 861		PANEL 862		PANEL 863		PANEL 864		PANEL 865		PANEL 866		PANEL 867		PANEL 868		PANEL 869		PANEL 870		PANEL 871		PANEL 872		PANEL 873		PANEL 874		PANEL 875		PANEL 876		PANEL 877		PANEL 878		PANEL 879		PANEL 880		PANEL 881		PANEL 882		PANEL 883		PANEL 884		PANEL 885		PANEL 886		PANEL 887		PANEL 888		PANEL 889		PANEL 890		PANEL 891		PANEL 892	
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- NOTES— ADDED BY ARCHITECT OCTOBER 12, 1989
1. REFER TO THE SITE PLAN ON THE TITLE SHEET FOR THE APPROPRIATE LOCATION OF EXISTING UTILITIES AND THE PROPOSED UNDERGROUND ELECTRICAL SERVICE AND DRAINAGE ITEMS.
2. ON-BY-DRAINAGES #1 AND #2, AND EX-#2, THE F-90 DRAINAGE—#1, #4, FOR THE GARBAGE F-90-ROOF, SIZE DRAINAGE—#1, #4, FOR THE GARBAGE F-90-ROOF, SIZE
3. ALTERNATE # 1, RAISED ROOF, SHALL INCLUDE ALL LABOR, MATERIALS AND ASSOCIATED COSTS WITH THE REMOVAL, RELOCATION AND RE-INSTALLATION OF EXISTING MECHANICAL AND ELECTRICAL EQUIPMENT.

1. RETURN EXIST UNDERGROUND ELECTRIC SERVICE CABLES WITH WIRING BACK TO SOURCE.
2. RETURN EXIST LIGHT SWITCH, RECEPTACLE AND WIRING CABLES BACK TO SOURCE.
3. REMOVE EXIST PANEL CABLES. EXIST CIRCUITS TO BE REWired TO NEW PANEL AL.
4. REMOVE TELEPHONE & CABLE TO NEW BREAK LOCATION.
5. RELOCATE EXISTING TELEPHONE TERMINAL CORDSET AS REQUESTED BY OWNER.
6. EXISTING 115V LIGHT SWITCH TO RETURN.
7. EXISTING RECEPTACLES AND WIRING TO BE REMOVED BACK TO SOURCE.
8. EXISTING LIGHTING FIXTURES TO BE REMOVED CABLES WITH WIRING BACK TO SOURCE.
9. EXIST LIGHTING FIXTURE, SWITCHES & RECEPTACLES TO BE REMOVED CABLES WITH WIRING BACK TO SOURCE.
10. EXISTING RECEPTACLE WITH WIRING BACK TO SOURCE.
11. WIRING BACK TO SOURCE.
12. RECONNECT EXIST PAPER FROM HV-1 UNIT AND REWIRE CABLES AT NEW LOCATION.
13. RECONNECT EXIST PAPER FROM HOPS AND REWIRE CABLES AT NEW LOCATION.
14. EXIST PANELS TO RETURN AS TO EXIST WHERE NOTED TO OTHERWISE FOR NEW CIRCUIT BREAKER.
15. EXISTING UNIT HEATER TO REMAIN.

Wolbach Engineering, Inc.
Consulting Engineers
20 Kimball Ave., Suite 102, S. Burlington, VT 05403
(802) 658-4044



State of Vermont
Department of State Buildings

John Zampieri, Commissioner

Materials & Research
Laboratory

Berlin, VT

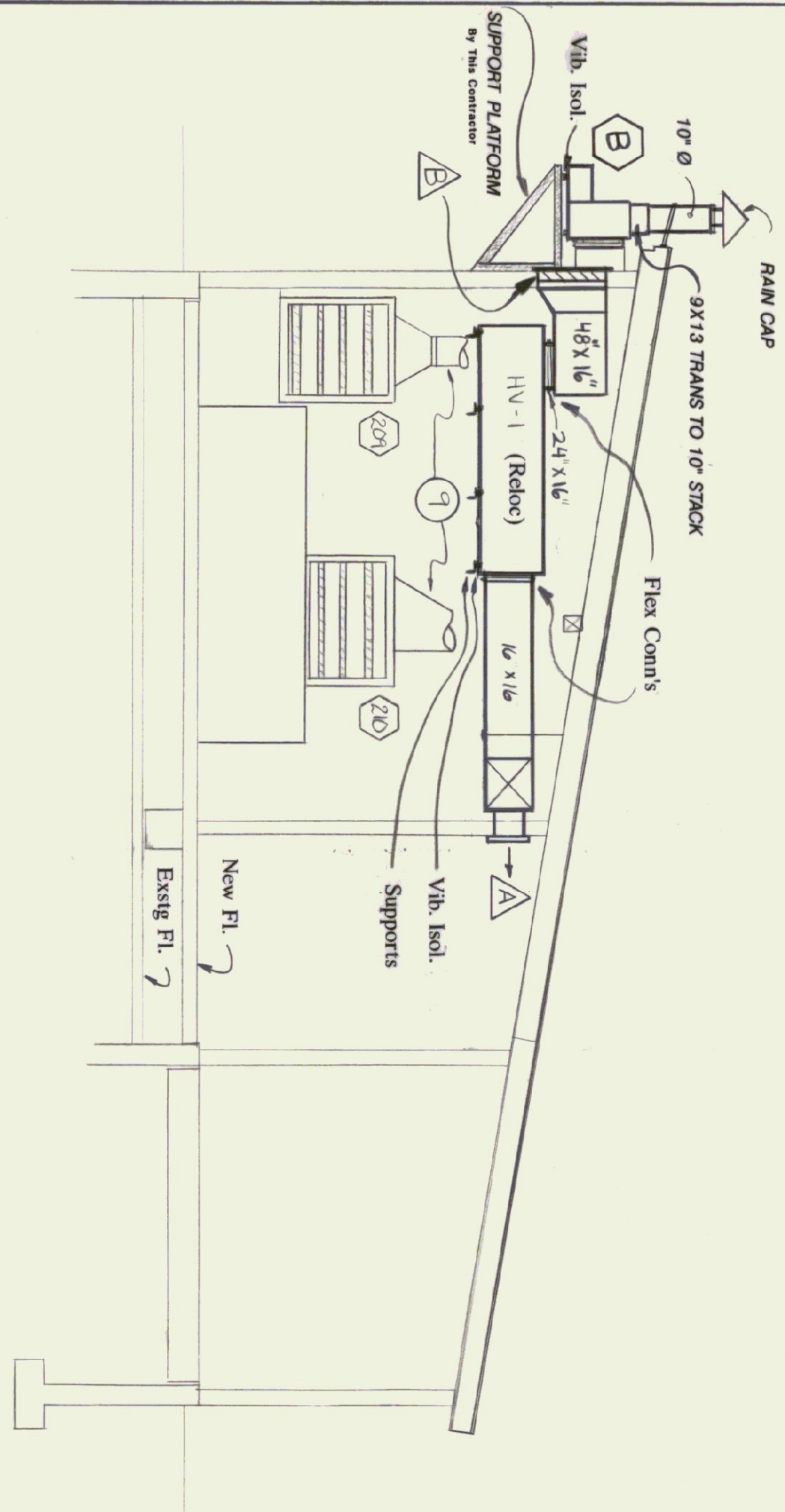
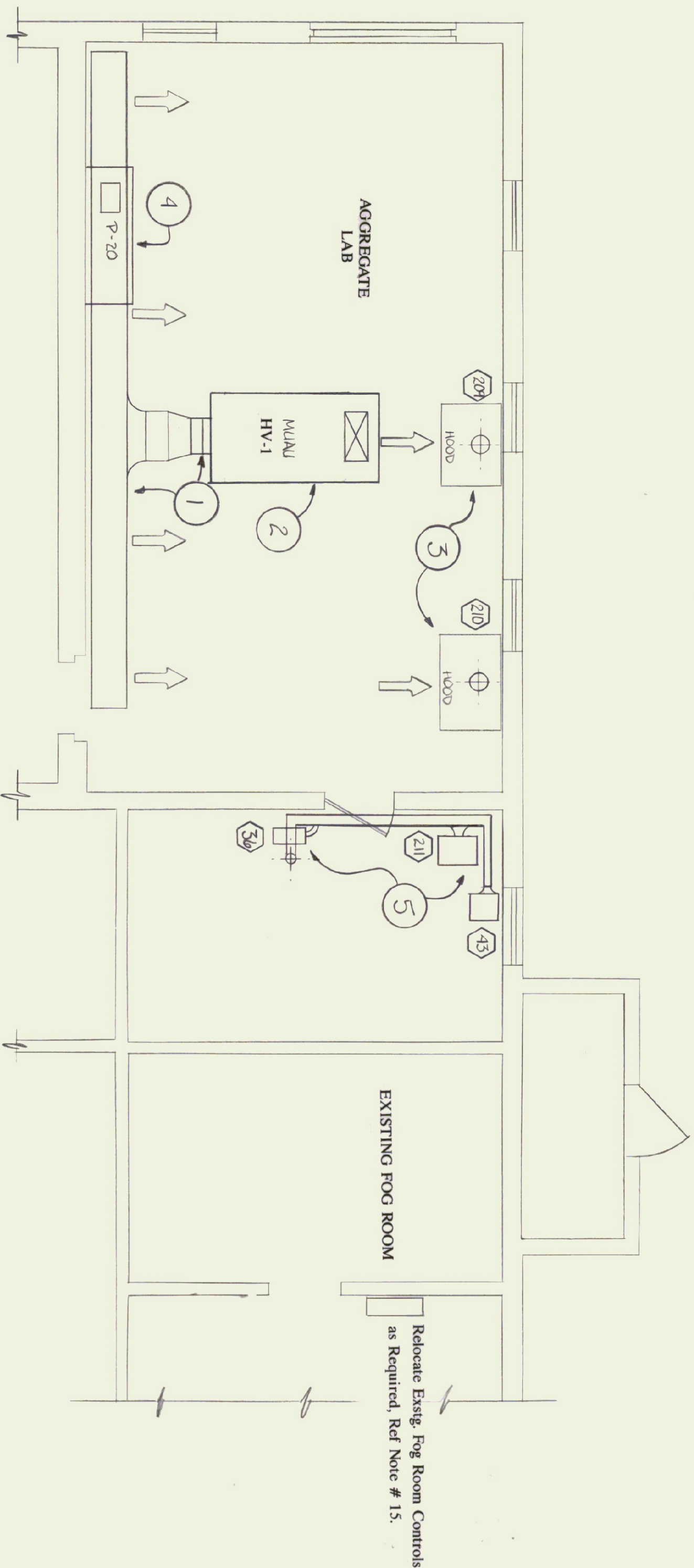
Janson Design, Inc.
FRED KEIL, ARCHITECT
BOX 55 - BOLTON ROAD, WATERBURY, VT 05676
(802) 244-5800

Architect's Project No. 247

POWER PLAN



DATE: 10-10-22



EXISTING BUILDING - DEMOLITION PLAN

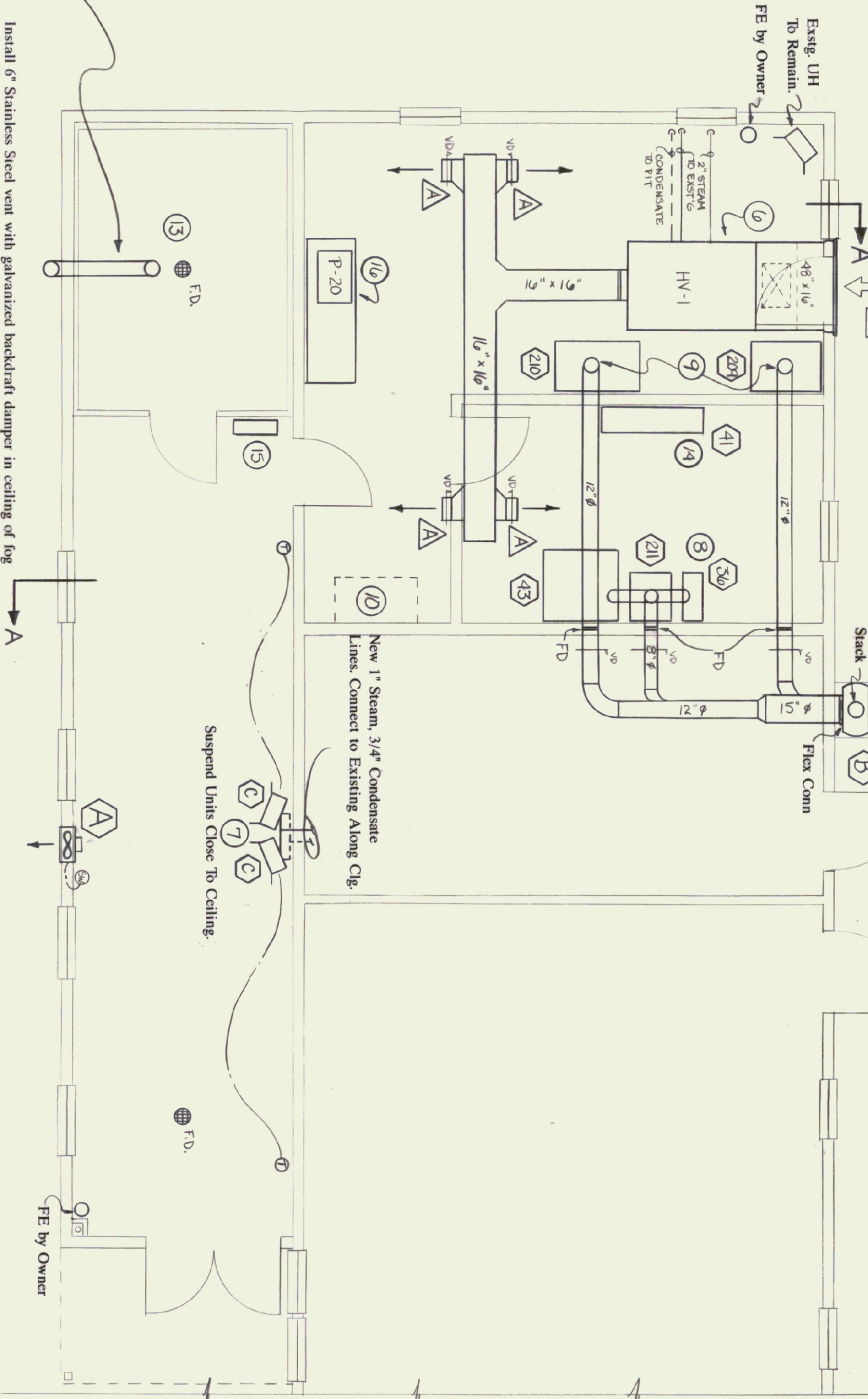
SCALE : 1/4" = 1'-0"

SECTION A-A NEW BUILDING - NEW WORK

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

48" X 24" INTAKE LOUVER

Install New Exhaust Fan and Stack on Support Platform



DEMOLITION NOTES

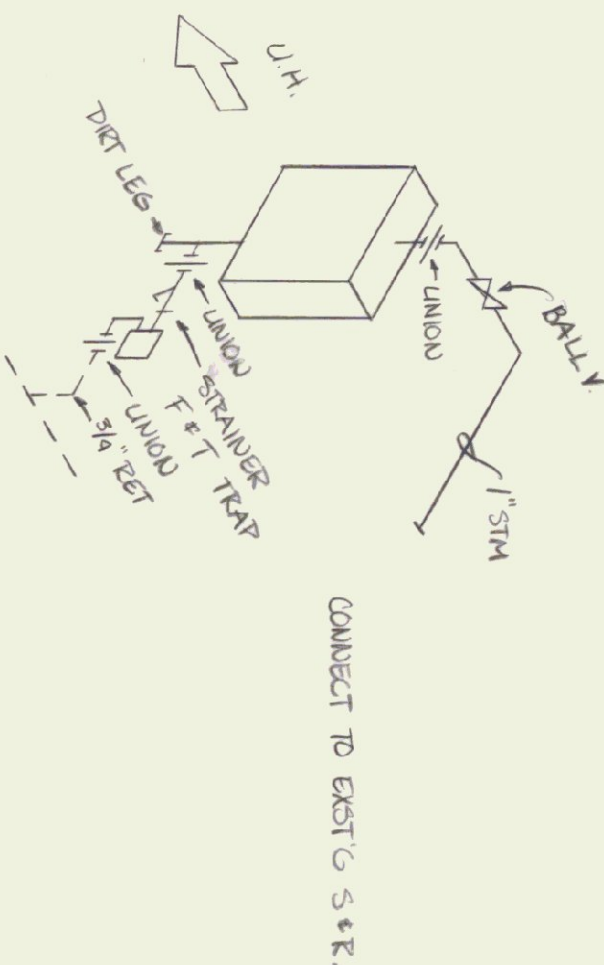
- 1 REMOVE DUCT WORK AND CONNECTIONS TO HV-1.
- 2 REMOVE, FOR RELOCATION, HV-1 AND ASSOC. PIPING, TRAPS & VALVES. LEAVE EXISTING HOOD FA INTAKE DUCT WORK AND STACK AS IS.
- 3 REMOVE, FOR RELOCATION, DUST HOODS 209 & 210.
- 4 REMOVE, FOR RELOCATION, SINK P-20. CAP EXISTING SERVICES AT WALL.
- 5 REMOVE, FOR RELOCATION, DUST HOOD 211 AND DUCT WORK ON WEAR TESTER 43 & CRUSHER 36. SAVE DUCTWORK FOR RECONNECTION, WHERE POSSIBLE, IN NEW LOCATION.
- 10 REMOVE EXISTING SINK, HW, CW AND WASTE CLEAR OF NEW CONSTRUCTION.

NEW CONSTRUCTION NOTES

- 6 RELOCATE HV-1, MOUNT ON PLATFORM. RECONNECT 2" STEAM LINES TO EXISTING MAIN. RE-USE VALVES, TRAPS AND CONTROLS FROM OLD LOCATION.
- 7 INSTALL NEW UNIT HEATER. CONNECT TO EXISTING STEAM & CONDENSATE.
- 8 RELOCATE HOOD 211, CRUSHER 36 AND WEAR TESTER 43. RECONNECT DUCT WORK. RUN THREE (3) DUCTS INTO ONE (1) UP TO CEILING AND JOIN @ 15" SECTION PER PLAN.
- 9 RELOCATE AND INSTALL DUST HOODS 209 & 210. RE-USE DUCT WORK WHERE POSSIBLE. RUN NEW 12" DIA. PER PLAN TO 15" DIA. VERTICAL EXHAUST DUCT.
- 13 INSTALL FLOOR DRAIN IN FOG ROOM. CONNECT TO EXISTING DRAIN BEFORE NEW FLOOR IS POURED.
- 14 INSTALL NEW CW & DRAIN FOR BATH 41. CONNECT NEW CW TO EXISTING CW LINE. CONNECT DRAIN TO EXISTING BEFORE NEW FLOOR IS POURED. PROVIDE FLOOR FOR CW OUTLET.
- 15 RELOCATE AND RECONNECT THE FOG ROOM'S HUMIDITY & TEMPERATURE MONITOR (HONEYWELL). SEE SPECIFICATION FOR DETAILS ON FOG ROOM CONTROL.
- 16 REINSTALL RELOCATED SINK, P-20. RECONNECT TO EXISTING CW, HW, WASTE AND VENT.

STANDARD DETAIL - C UNIT HEATER, STEAM

NO SCALE



NOTE: See Arch. Plans For Key Plan And Site Location.

MECHANICAL CONSULTANT

GWM ENGINEERING, P.C.
SHELDON ROAD, SUITE 157
FARMINGTON, VT 05401
TEL: (802) 385-4881
FAX: (802) 385-4899



State of Vermont
Department of State Buildings
John Zampieri, Commissioner

Materials & Research

Laboratory
Berlin, VT

Jonson Design, Inc.

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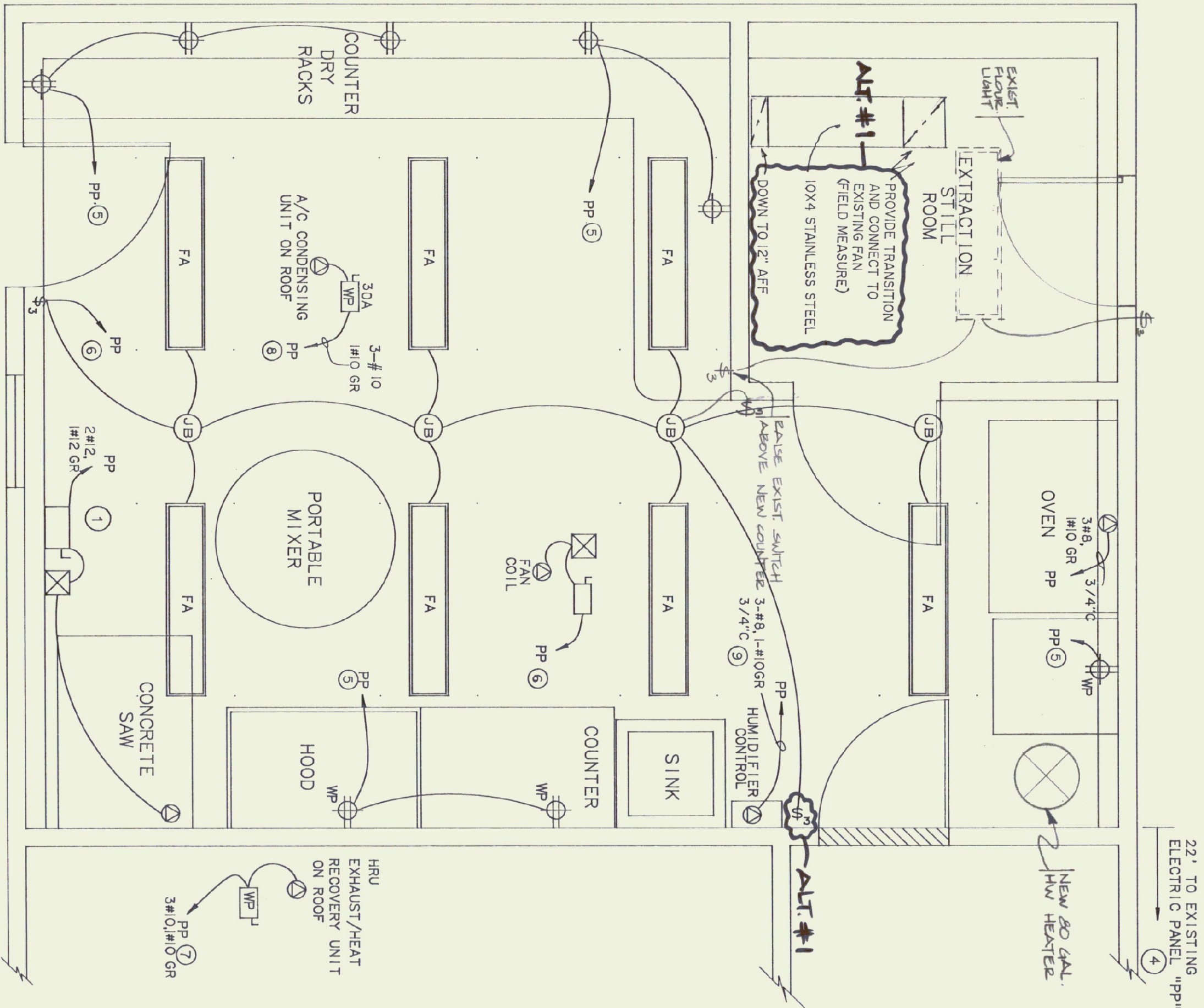
Architect's Project No. 247

DATE:

10-10-89

DWG. NO.

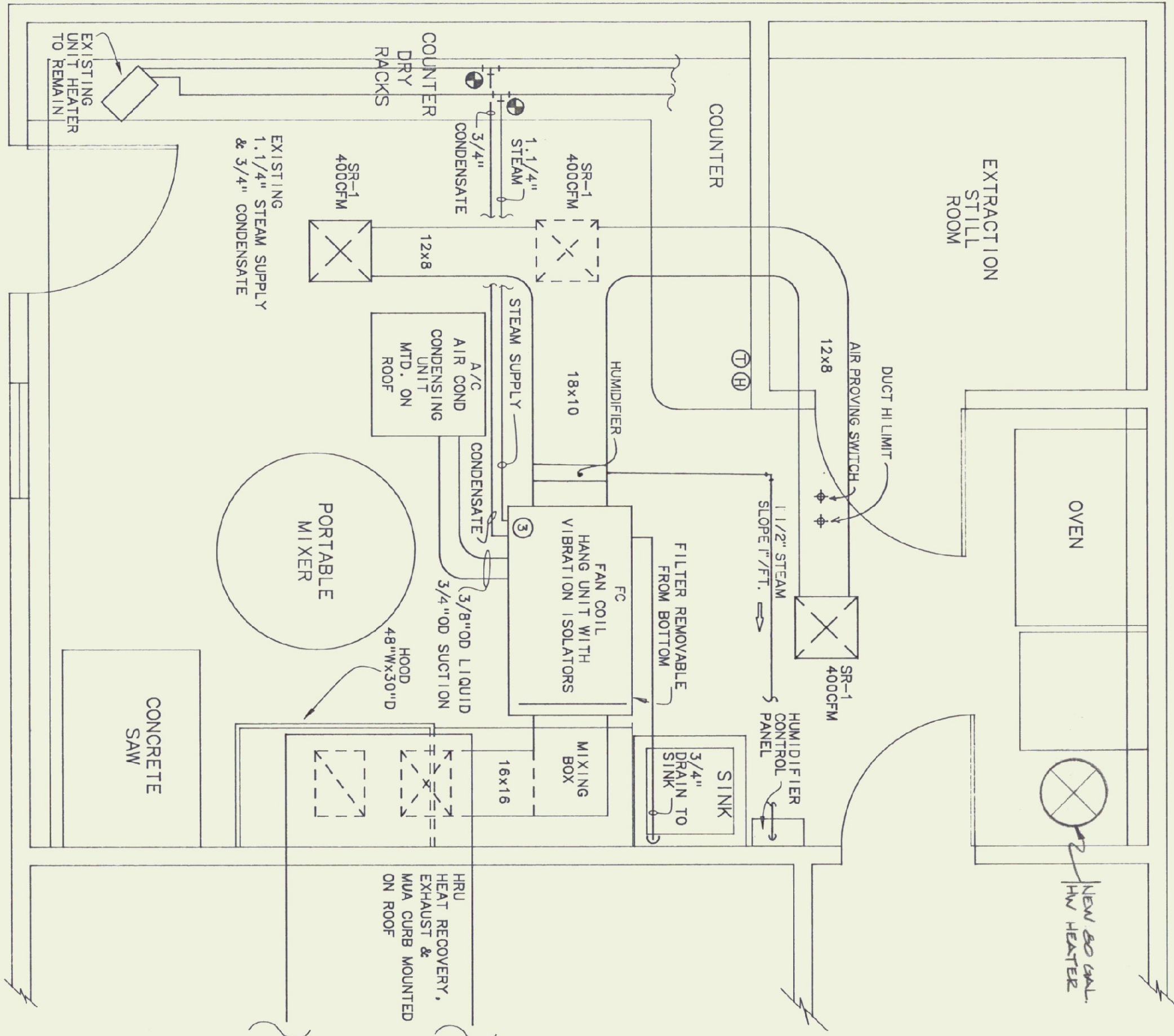
M-1



ELECTRICAL PLAN
SCALE - 1/2"=1'-0"

ELECTRICAL LEGEND

- 3-WAY SWITCH
- SPECIAL PURPOSE OUTLET
- DUPLEX RECEPTACLE - 48" AFF
- SAFETY SWITCH
- STARTER
- FLUORESCENT LIGHT
- ABOVE FINISH FLOOR
- WATER PROOF



MECHANICAL PLAN
SCALE - 1/2"=1'-0"

MECHANICAL LEGEND

- HUMIDISTAT
- THERMOSTAT
- CONNECT TO EXISTING
- PIPE DOWN
- PIPE UP
- SUPPLY AIR
- RETURN AIR

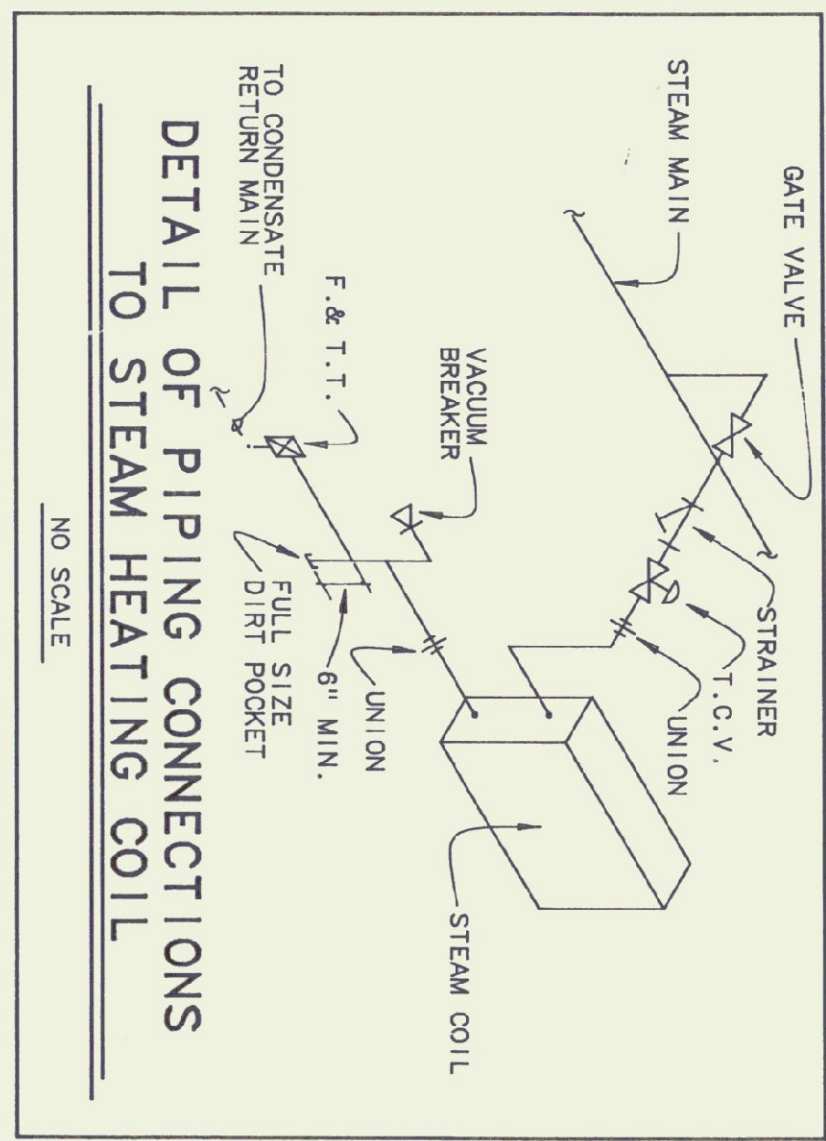
ALTERNATE #1
1) PROVIDE DUCT WORK IN EXTRACTION STILL ROOM AS SHOWN
2) DELETE ALL ELECTRICAL WORK IN STRUCTURAL TESTING LAB AND NEW 3-WAY SWITCH FOR EXISTING CIRCUIT IN EXTRACTION STILL ROOM AND 5-WAY SWITCH TO NEW DOOR LOCATION.

KEYED NOTES				
①	EXISTING CONCRETE SAW WITH SAFETY SWITCH AND STARTER PRESENTLY LOCATED IN ADJOINING ROOM TO BE REMOVED AND RELOCATED. EXTEND EXISTING BRANCH CIRCUIT.			
②	REMOVE EXISTING WHITE HEATER & PROVIDE BLACK/RED WHITE MODEL M-I-T DOORS OR EQUAL.			
③	REFER TO STEAM COIL PIPING DIAGRAM.			
④	EXISTING POWER PANEL - SIEMENS, 208/120 VOLT, 3 PHASE, 225 AMP, TYPE CDP-7. PROVIDE TYPE BL CIRCUIT BREAKERS.			
⑤	PROVIDE 20 AMP, 1 POLE, 60 CIRCUIT BREAKER.			
⑥	CONNECT TO EXISTING, SPARE, 20 AMP, 1 POLE CIRCUIT BREAKER			
⑦	PROVIDE 1 POLE, 30 AMP CIRCUIT BREAKER.			
⑧	PROVIDE 3 POLE, 25 AMP HACR CIRCUIT BREAKER.			
⑨	PROVIDE 3 POLE, 40 AMP CIRCUIT BREAKER.			
⑩	ELECTRICAL CONTRACTOR TO PROVIDE 50 AMP, 2 POLE SAFETY SWITCH, 1/2" CORDUIT, 2-#10 AND 1-#12 GROUND TO PANEL. PROVIDE 50 AMP, 2 POLE CIRCUIT BREAKER IN PANEL. PROVIDE WHITE WIRE.			

LIGHTING FIXTURE SCHEDULE	
TYPE	DESCRIPTION
FA	KEYSTONE LU240-DMR, DUST AND MOISTURE RESISTANT, 120 VAC, ELECTRONIC BALLAST, 2 LAMP, 32 WATT, TB, 3,500 K, MOUNT 9' AFF.

SPECIAL PURPOSE OUTLET				
ITEM	VOLTS	PHASE	AMPACITY	CIRCUIT BREAKER
OVEN	208	1	50	2P/50 BY EC
HUMIDIFIER	208	3	28	3P/40
A/C	208	3	20.2	3P/25 HACR 25 AMP, FRN FUSES
HRU	120	1	22	1P/30
SAW	208	1	20	EXISTING
FAN COIL	120	1	12	1P/20

NOTE: VERIFY ALL EQUIPMENT NAME PLATE RATINGS BEFORE INSTALLATION.



- ELECTRICAL GENERAL NOTES
- REMOVE 3 LIGHT FIXTURES, CONDUIT, WIRE, SWITCH BOXES, ETC. LIGHT FIXTURE TO REMAIN PROPERTY OF OWNER. REMOVED REPLACED ALL EXISTING CONDUIT FITTINGS AND BOXES NOT OF WATER TIGHT CONSTRUCTION.
 - ALL ELECTRIC TO BE MINIMUM 18" AFF. ALL ELECTRIC TO BE OF WATER TIGHT CONSTRUCTION.
 - NOTE THAT EXISTING EXTRACTION STILL ROOM IS A CLASS 1, DIVISION 1 LOCATION. (REFER TO NEC ARTICLE 500).
- MECHANICAL GENERAL NOTES
- EXISTING STANDING SEAM ROOF IS STILL IN WARRANTY PERIOD. ALL ROOF PENETRATIONS AND WEATHERPROOFING OF ROOF TO BE CO-ORDINATED WITH BURRELL CO. INC.

Pearson & Associates
MECHANICAL & ELECTRICAL ENGINEERS
P.O. BOX 610 STOWE, VERMONT 05672
(802) 253-9607

STATE OF VERMONT
DEPARTMENT OF STATE BUILDINGS
AGENCY OF ADMINISTRATION

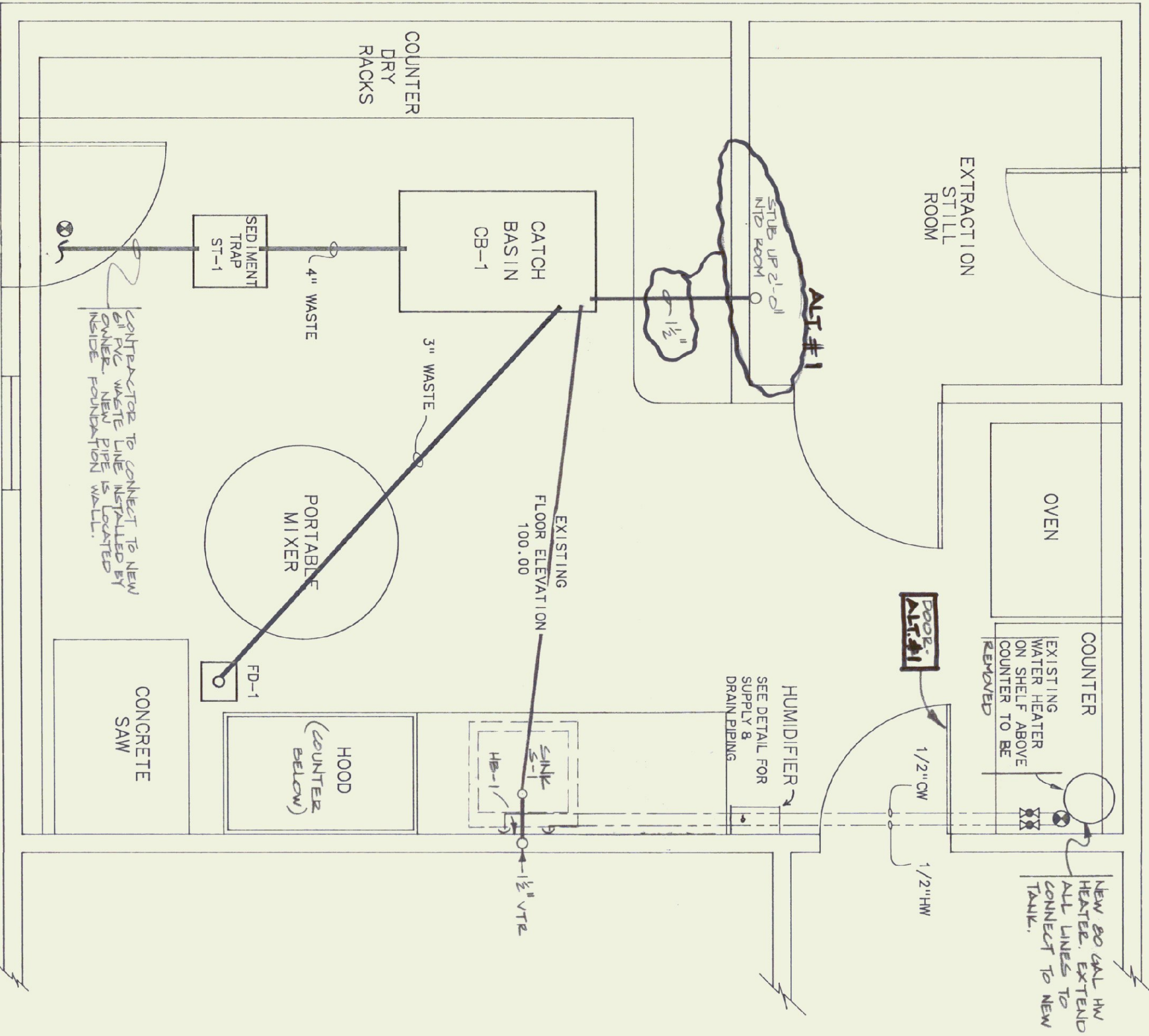
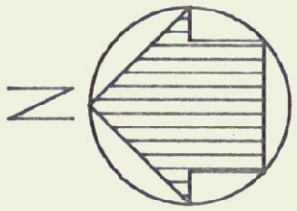
MONTPELIER VERMONT

AGENCY OF TRANSPORTATION
CONCRETE TEST LABORATORY
BARE-MONTPELLIER ROAD
BERLIN, VERMONT

ELECTRICAL & MECHANICAL PLANS

DATE: 06/09/92 SCALE: 1/2"=1'-0" REVISIONS: (ADD FILE: P-CTL-D1) SHEET: 5 OF 5

DWG NO. ME-1

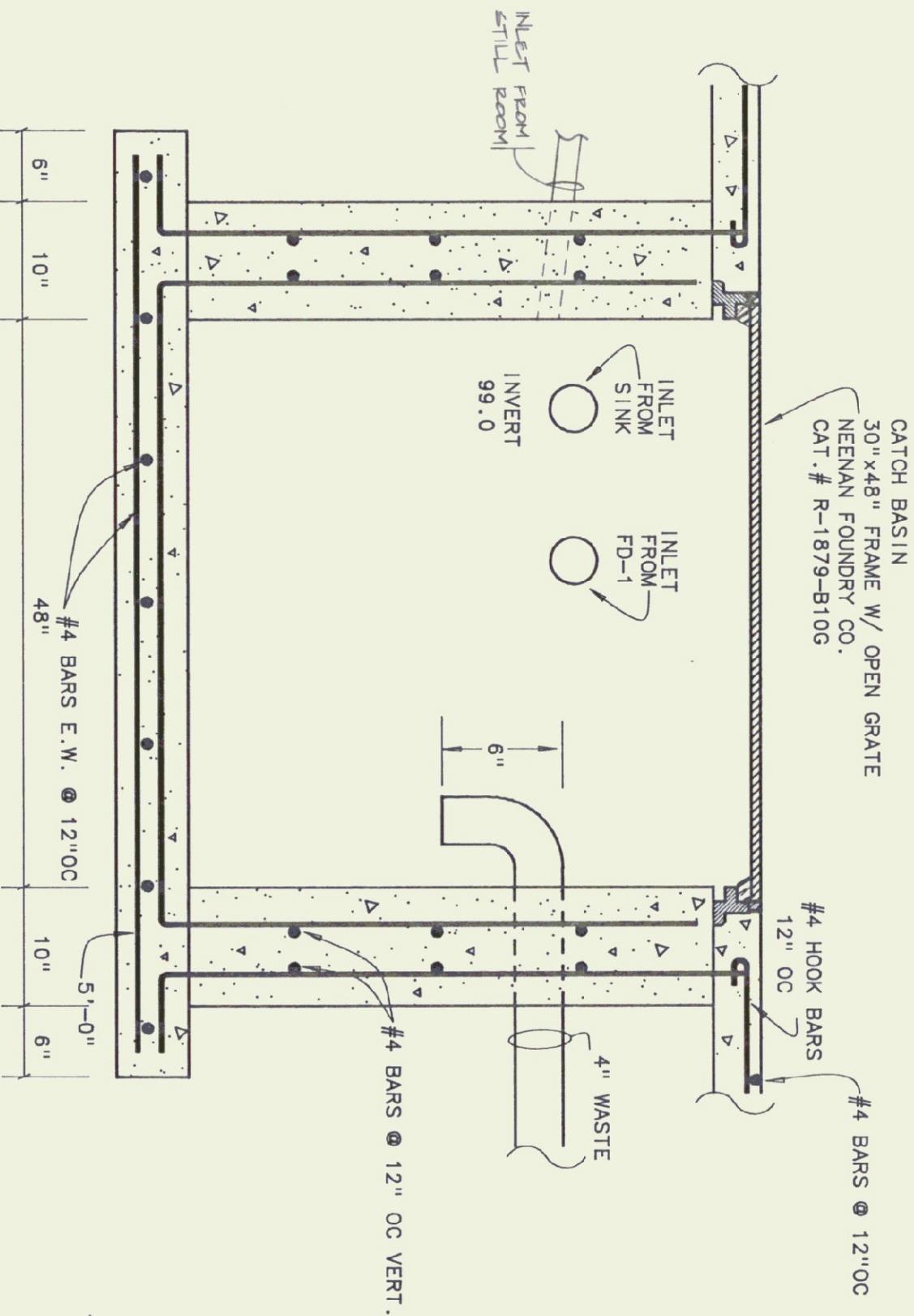


PLUMBING PLAN

SCALE - 1/2"=1'-0"

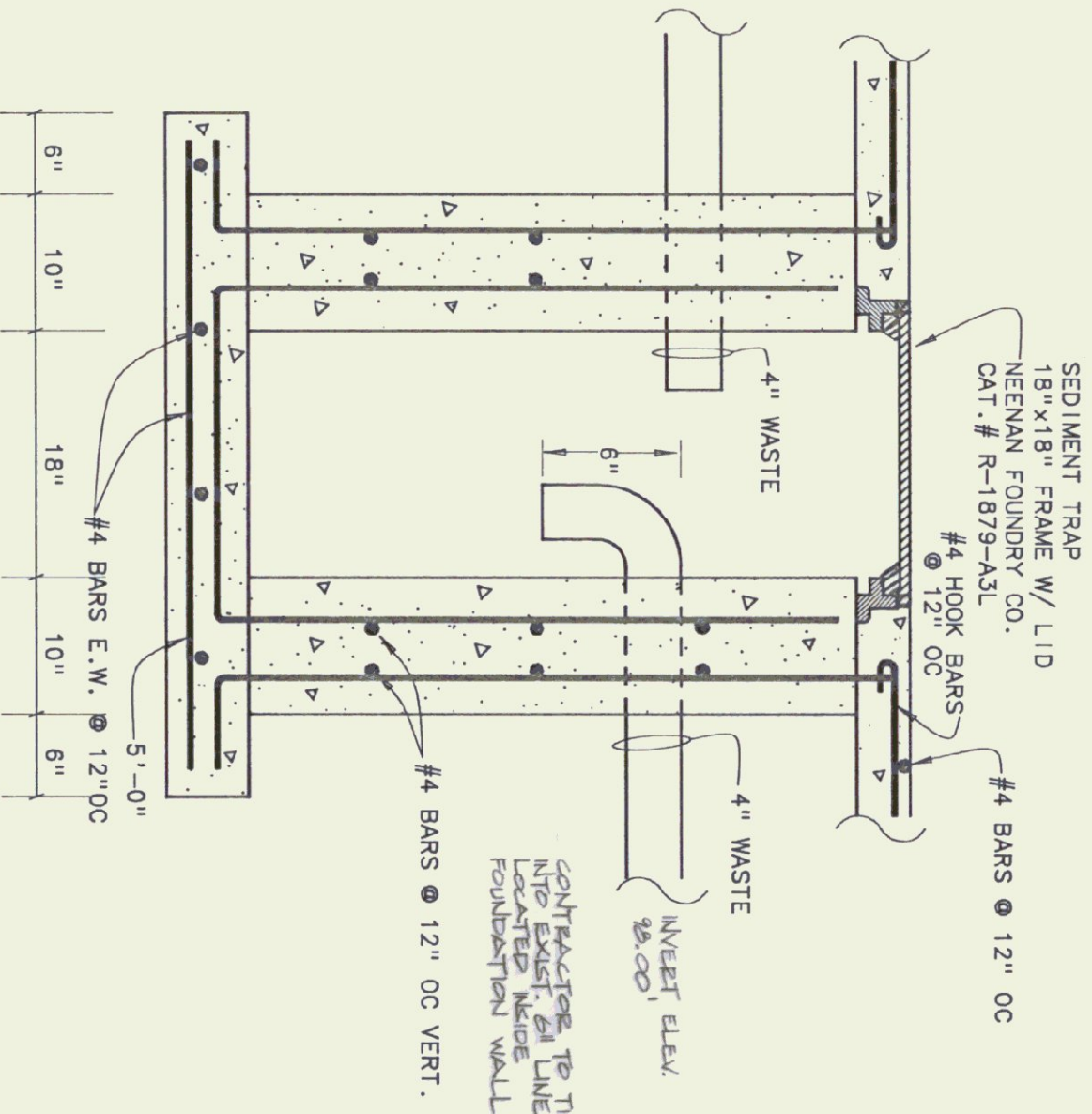
PLUMBING SCHEDULE

- BALL VALVE
- CONNECT TO EXISTING
- PIPE DOWN
- PIPE UP
- COLD WATER
- HOT WATER
- WASTE
- VENT



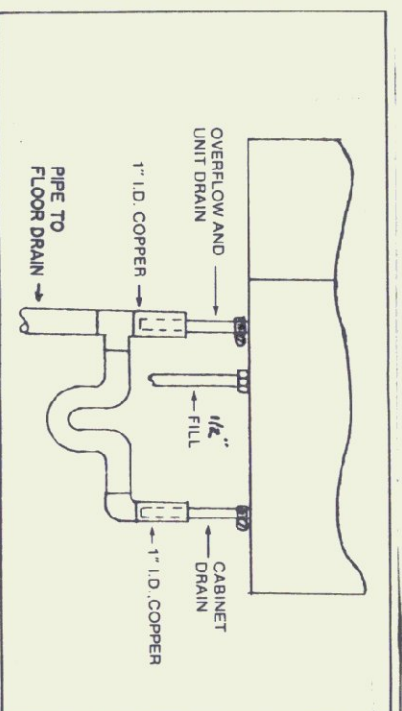
CATCH BASIN

SCALE - 1"=1'-0"



SEDIMENT TRAP

SCALE - 1"=1'-0"



HUMIDIFIER WATER SUPPLY & DRAIN

NO SCALE

MECHANICAL EQUIPMENT SCHEDULE	
ITEM	DESCRIPTION
AC	AIR CONDITION CONDENSING UNIT, MCQUAY MODEL ADO36H, 208 VOLT, 3 PHASE, R-22 REFRIG., 3700 NOM. COOLING WATTS, @ 95 DEGREES F OA, 80 DEGREES F DB, 67 DEGREES F WB.
FC	FAN COIL, MCQUAY MODEL SCB 121 B, BELT DRIVE, 1/2 HP @ 120 VAC, 1200 CFM, HO-CAPACITY DX COIL, 40,000 BTU TOTAL @ 80 DEGREES F DB/67 DEGREES F WB, 45 DEGREES F SUCTION TEMP., 1 ROW HEATING COIL, 56,000 BTU TOTAL HEATING @ 2 PSIG STEAM, 60 DEGREES F EXT.
HUMIDIFIER	ELECTRONIC STEAM HUMIDIFIER, 30 LBS/HR., HERMIDIFIER MODEL WHST-30, 208 VOLT, 3 PHASE, EST. 111/118 DUCT DISTRIBUTION MAINFOLD, STEAM SUPPLY HOSE, HUMIDISTAT, DUCT H. LIMIT, DUCT AIR PROVING SWITCH.
HRU	HEAT RECOVERY, EXHAUST AND MAKE UP AIR UNIT, EXHAUST 1,080 CFM @ 25 ESP, SUPPLY 1,200 CFM @ 2 ESP (2) 1/2 HP, 115 VAC, HEAT EX SERIES 200 B-1, WEATHER-PROOF CASING FOR OUTDOOR INSTALLATION (INCLUDES INTAKE AND EXHAUST HOODS WITH BIRD SCREENS AND WEATHER-PROOF ROOF PANELS WITH RAIN GUTTERS), BOTTOM SUPPLY AND/OR RETURN DUCT CONNECTIONS, 12" INSULATED ROOF CURBS WITH INTEGRAL CANT, FACE AND BYPASS FROST CONTROL SYSTEM, ALUMINUM INTERIOR WALLS.
HOOD	EXHAUST HOOD, 304 STAINLESS STEEL, 48" WIDE x 30" DEEP x 18" HIGH, 16" x18" OUTLET, UNITE MCGILL OR EQUAL, FIELD MEASURE OUTLET LOCATION AND TRANSITION TO AVOID INTERFERENCE WITH EXISTING DUCT.
SR-1	SUPPLY REGISTER, METAL, AIRE SERIES 5,000, MODEL M-1, S4, 12" X 12" W/OBD, ALUMINUM WHITE FINISH, EXPOSED INSTALLATION 10'-0" ABOVE FLOOR TO FACE.

PLUMBING FIXTURE SCHEDULE

ITEM	DESCRIPTION
S-1	AMERICAN STANDARD ENAMELED CAST IRON SERVICE SINK CAT# 7892,049 WITH 47076-07 RIM GUARD AND WALL HANGER, CAT# 8340,242 ON FIXTURE, TRAP CAT# 7798,178 WITH STRAINER.
HB-1	RELOCATE EXISTING HOSE BIB CONTROL ASSEMBLY TO ABOVE SINK.
FD-1	FLOOR DRAIN, NEENA FOUNDRY, 9" X 9", R.4931-B

STATE OF VERMONT

REGISTERED PROFESSIONAL ENGINEER

No. 6197

PEARSON & ASSOCIATES

Pearson & Associates

MECHANICAL & ELECTRICAL ENGINEERS

P.O. BOX 610 STOWE, VERMONT 05672

(802) 253-9607

STATE OF VERMONT

DEPARTMENT OF STATE BUILDINGS

AGENCY OF ADMINISTRATION

MONTPELIER

VERMONT

AGENCY OF TRANSPORTATION

CONCRETE TEST LABORATORY

BARRE-MONTPELIER ROAD

BERLIN, VERMONT

PLUMBING PLAN & SCHEDULES

DATE: 06/09/92

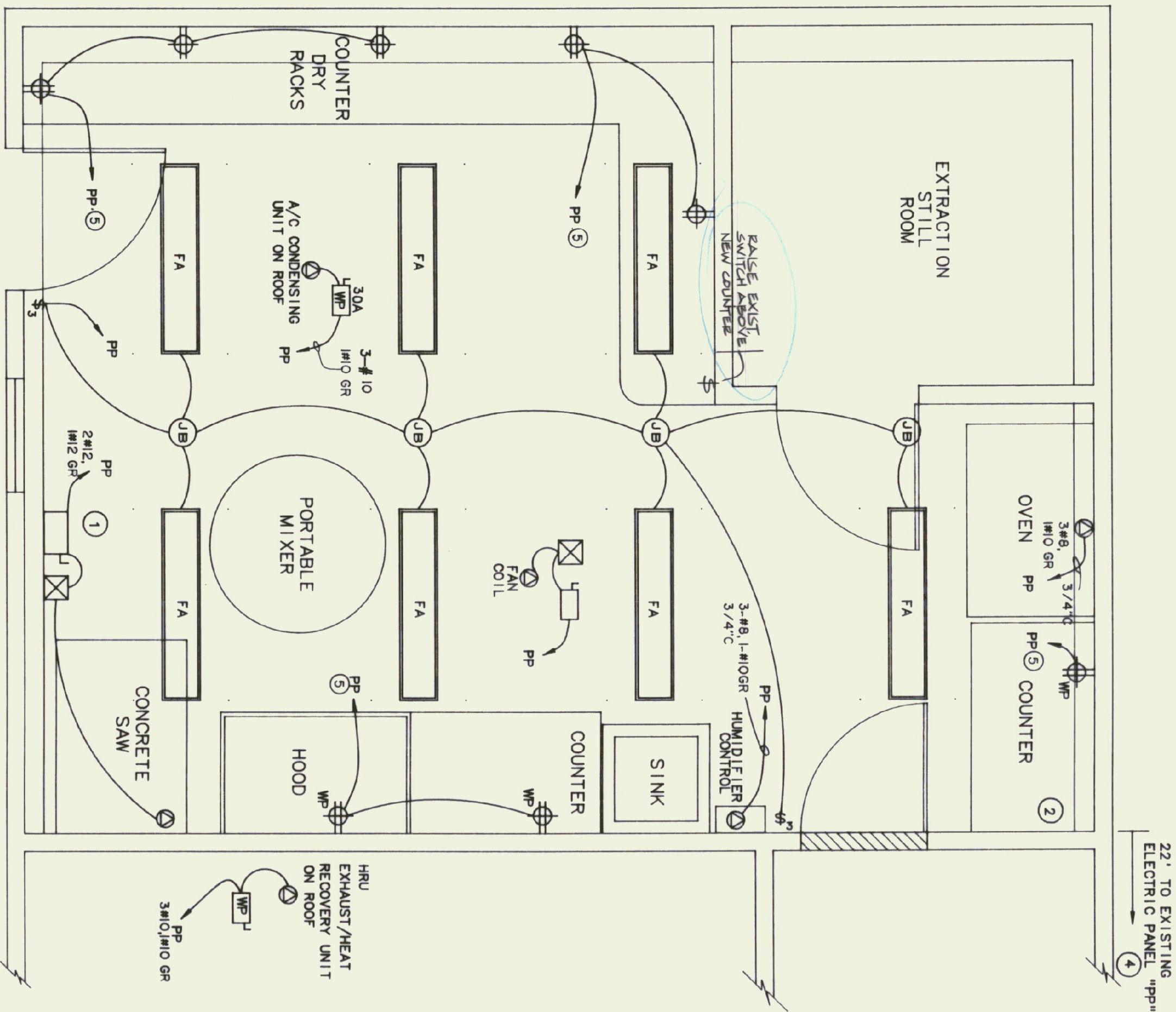
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REVISIONS: CAD FILE: P-CTL-02

DRAWN BY: B.W.M.

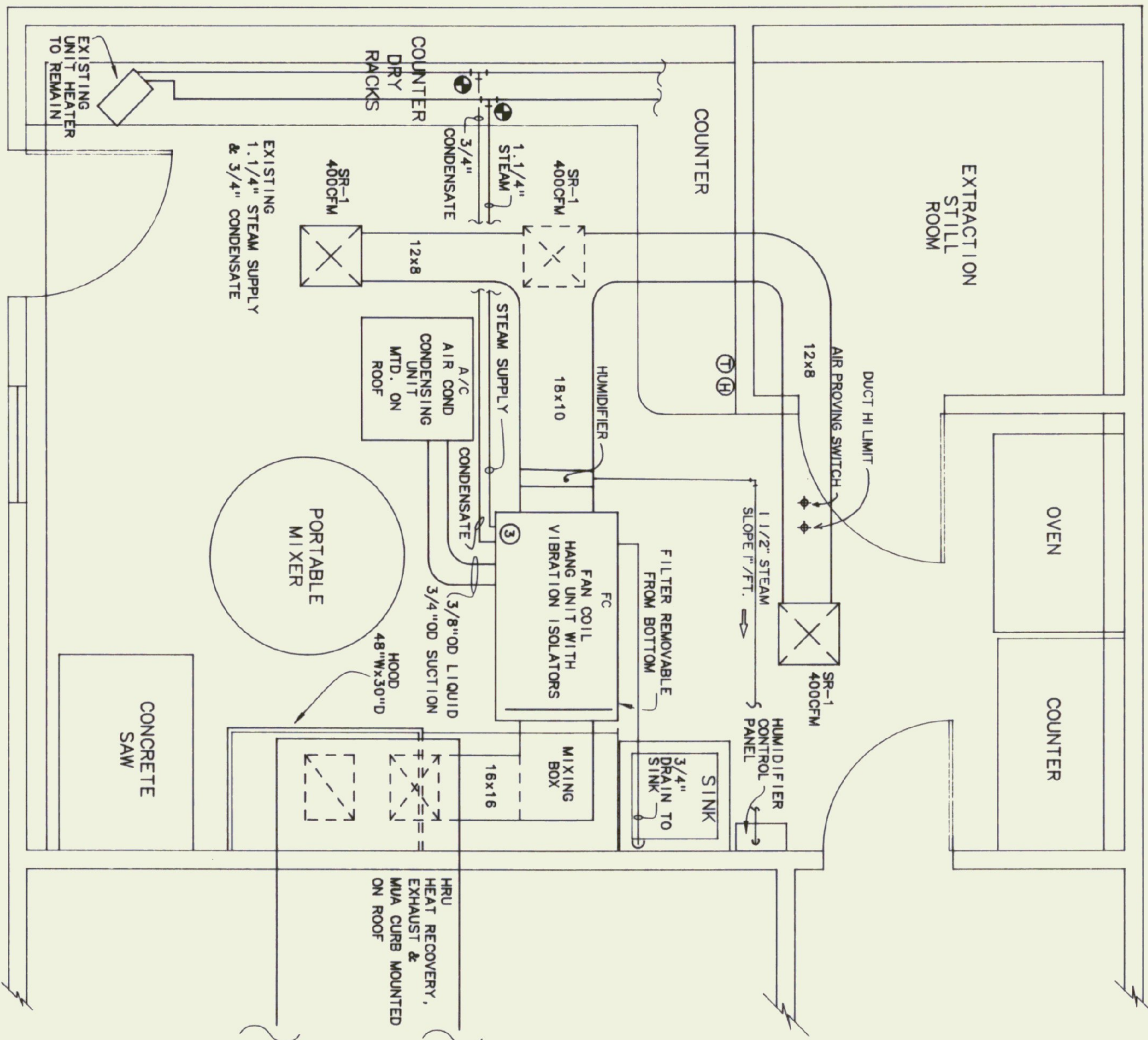
APPROVED BY: 2 OF 3

DWG NO. P-1



ELECTRICAL PLAN
SCALE - 1/2"=1'-0"

- ELECTRICAL LEGEND**
- 3-WAY SWITCH
 - SPECIAL PURPOSE OUTLET
 - DUPLEX RECEPTACLE - 48" AFF
 - SAFETY SWITCH
 - STARTER
 - FLUORESCENT LIGHT
 - AFF ABOVE FINISH FLOOR
 - WP WATER PROOF



MECHANICAL PLAN
SCALE - 1/2"=1'-0"

- MECHANICAL LEGEND**
- HUMIDISTAT
 - THERMOSTAT
 - CONNECT TO EXISTING
 - PIPE DOWN
 - SUPPLY AIR
 - RETURN AIR

- ELECTRICAL GENERAL NOTES**
- REMOVE 3 LIGHT FIXTURES, CONDUIT, WIRE, SWITCH, BOXES, ETC. LIGHT FIXTURE TO REMAIN PROPERTY OF OWNER. REMOVE/REPLACE ALL EXISTING CONDUIT FITTINGS AND BOXES NOT OF WATER TIGHT CONSTRUCTION.
 - ALL ELECTRIC TO BE MINIMUM 18" AFF. ALL ELECTRIC TO BE OF WATER TIGHT CONSTRUCTION.
 - NOTE THAT EXISTING EXTRACTION STILL ROOM IS A CLASS I, DIVISION 1 LOCATION. (REFER TO NEC ARTICLE 500).

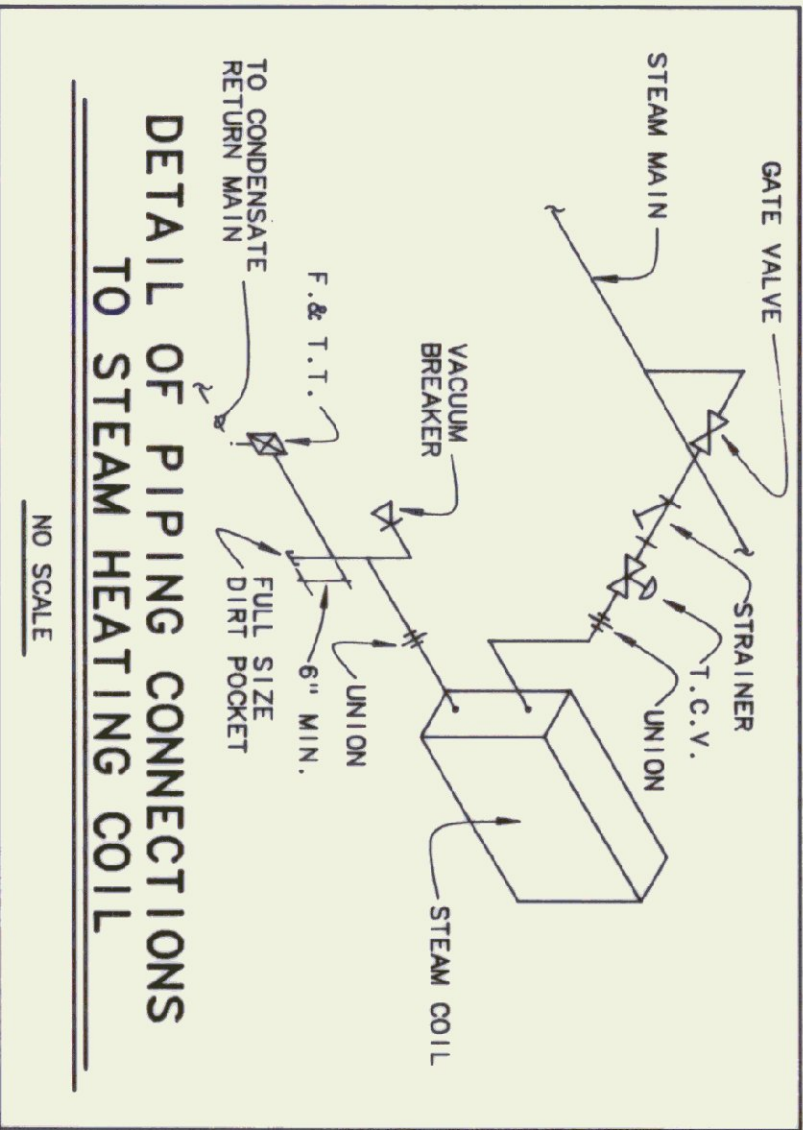
- MECHANICAL GENERAL NOTES**
- EXISTING STANDING SEAM ROOF IS STILL IN WARRANTY PERIOD. ALL ROOF PENETRATIONS AND WEATHERPROOFING OF ROOF TO BE CO-ORDINATED WITH BURRELL CO. INC.

- KEYED NOTES**
- EXISTING CONCRETE SAW WITH SAFETY SWITCH AND STARTER PRESENTLY LOCATED IN ADJOINING ROOM TO BE REMOVED AND RELOCATED. EXTEND EXISTING BRANCH CIRCUIT.
 - EXISTING DOMESTIC WATER HEATER TO REMAIN.
 - REFER TO STEAM COIL PIPING DIAGRAM.
 - EXISTING POWER PANEL - SIEMENS, 200/120 VOLTS, 3-PHASE, 225 AMP, TYPE COP-7. PROVIDE TYPE BL CIRCUIT BREAKERS.
 - PROVIDE 20 AMP, 1 POLE, GF CIRCUIT BREAKER.

LIGHTING FIXTURE SCHEDULE	
TYPE	DESCRIPTION
FA	KEYSTONE LU240-DWKL, DUST AND MOISTURE RESISTANT, 120 VAC, ELECTRONIC BALLAST, 2 LAMP, 32 WATT, 18, 3,500 K, MOUNT 9' AFF.

SPECIAL PURPOSE OUTLET					REMARKS
ITEM	VOLTS	PHASE	AMPACITY	CIRCUIT BREAKER	
OVEN	208	1	50	2p50	RECEPTACLE CORD AND CAP BY EC
HUMIDIFIER	208	3	28	3p40	
AC	208	3	20.2	3p25 HACR	75 AMP, FRN FUSES
HRU	120	1	22	1p30	
SAW	208	1	20	EXISTING	
FAN COIL	120	1	12	1p20	

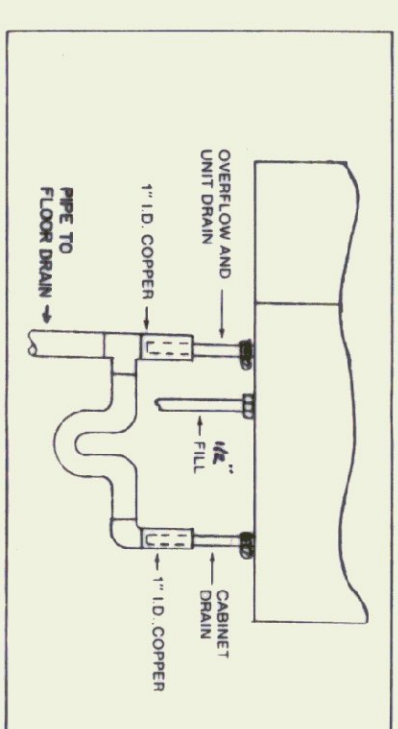
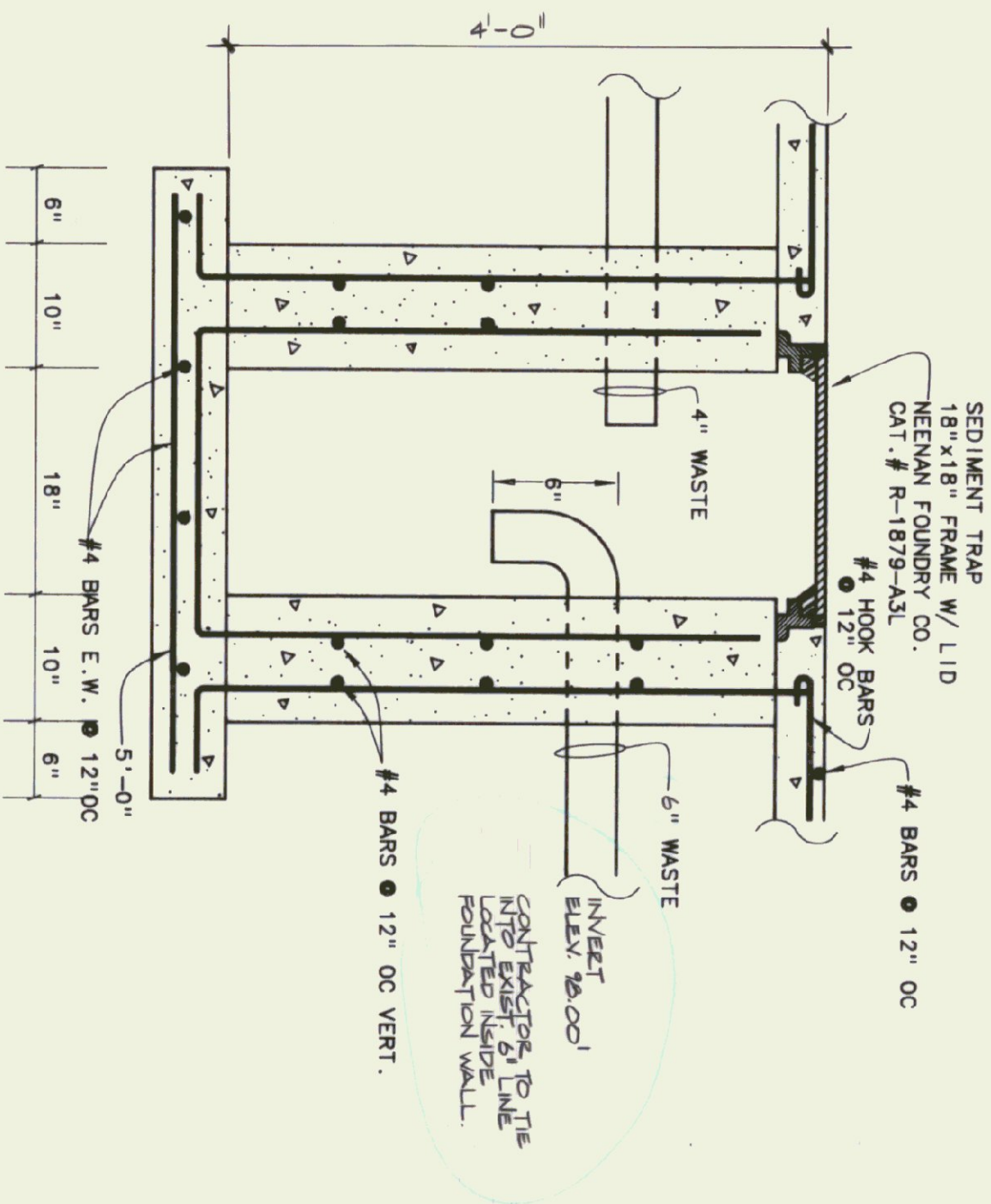
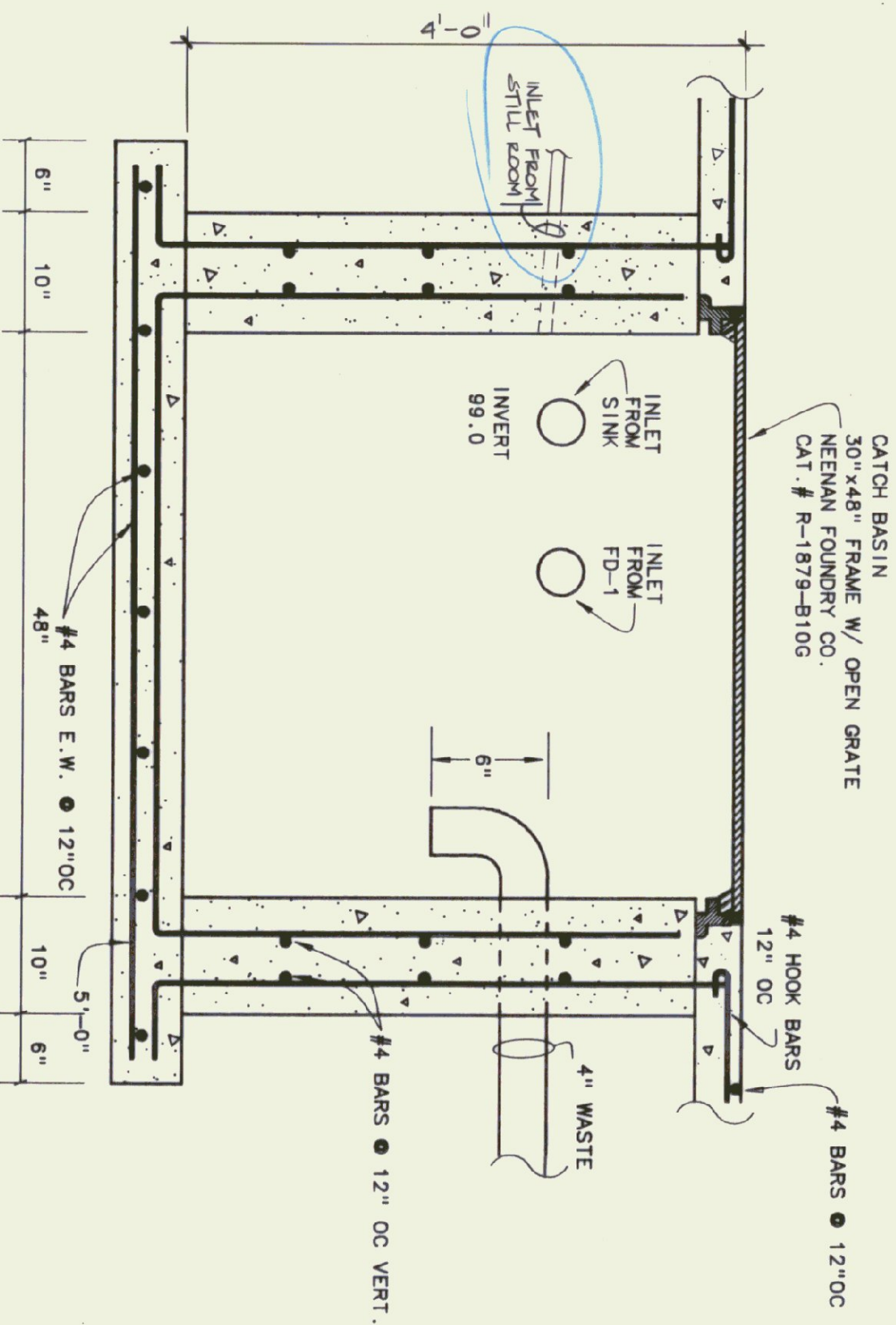
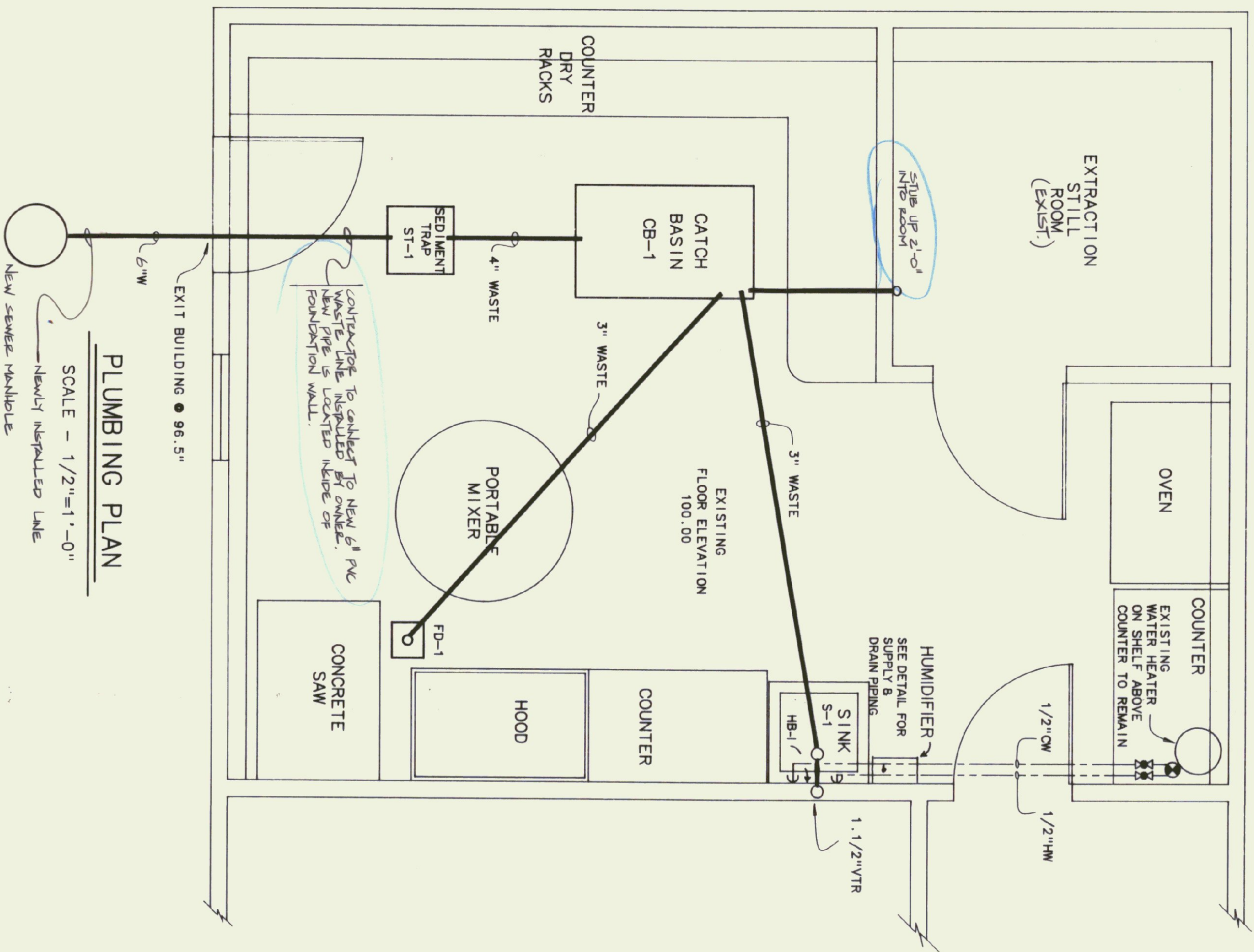
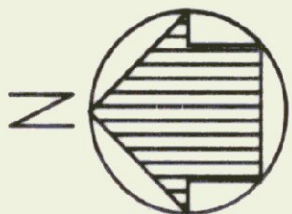
NOTE:
VERIFY ALL EQUIPMENT NAME PLATE RATINGS BEFORE INSTALLATION.



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STATE OF VERMONT DEPARTMENT OF STATE BUILDINGS AGENCY OF ADMINISTRATION		VERMONT	
MONTPELIER			
AGENCY OF TRANSPORTATION CONCRETE TEST LABORATORY BARRÉ-MONTPELIER ROAD BERLIN, VERMONT			
ELECTRICAL & MECHANICAL PLANS			
DATE: 06/09/92	SCALE: 1/2"=1'-0"	REVISIONS: ICD FILE: 07/14/92 dda	DWG NO. ME-1
DRAWN BY: B.W.M.	APPROVED BY:	SHEET: 5 of 5	

1012

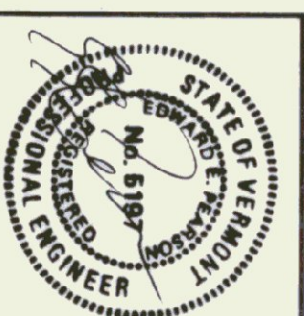


MECHANICAL EQUIPMENT SCHEDULE	
ITEM	DESCRIPTION
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FC	FAN COIL, MCQUAY MODEL, SC8 121 B, BELT DRIVE, 1/2 HP @ 120 VAC, 1200 CFM, HO-CAPACITY DX COIL, 40,000 BTU TOTAL @ 80 DEGREES F DB/67 DEGREES F WB, 45 DEGREES F SUCTION TEMP., 1 ROW HEATING COIL, 56,000 BTU TOTAL HEATING @ 2 PSIG STEAM, 80 DEGREES F EAT.
HUMIDIFIER	ELECTRONIC STEAM HUMIDIFIER, 30 LBS/HR., HERMIDRIFER MODEL, MIST -30, 208 VOLT, 3 PHASE, EST -111118 DUCT DISTRIBUTION MANIFOLD, STEAM SUPPLY HOSE, HUMIDISTAT, DUCT HI LIMIT, DUCT AIR PROVING SWITCH.
HRU	HEAT RECOVERY EXHAUST AND MAKE-UP AIR UNIT, EXHAUST 1,080 CFM @ 25 ESP, SUPPLY 1,200 CFM @ 2 ESP, (2) 1/2 HP, 115 VAC, HEAT EX SERIES 200 B-1, WEATHER-PROOF CASING FOR OUTDOOR INSTALLATION (INCLUDES INTAKE AND EXHAUST HOODS WITH BIRD SCREENS AND WEATHER-PROOF ROOF PANELS WITH RAIN GUTTERS), BOTTOM SUPPLY AND/OR RETURN DUCT CONNECTIONS, 12\"/>
HOOD	EXHAUST HOOD, 304 STAINLESS STEEL, 48\"/>
SR-1	SUPPLY REGISTER, METAL, ARE SERIES 5,000, MODEL IM-1, SA, 12\"/>

PLUMBING FIXTURE SCHEDULE	
ITEM	DESCRIPTION
S-1	AMERICAN STANDARD ENAMELED CAST IRON SERVICE SINK, CAT# 7892,048 WITH 4/0/6-07 RIM GUARD AND WALL HANGER, CAT# 8340,242 ON FIXTURE, TRAP CAT# 7798,178 WITH STRAINER.
HB-1	RELOCATE EXISTING HOSE BIB CONTROL, ASSEMBLY TO ABOVE SINK.
FD-1	FLOOR DRAIN, NEEENA FOUNDRY, 8\"/>

PLUMBING SCHEDULE

- ⌘ BALL VALVE
- ⊗ CONNECT TO EXISTING
- ⌒ PIPE DOWN
- PIPE UP
- COLD WATER
- - - HOT WATER
- WASTE
- - - VENT

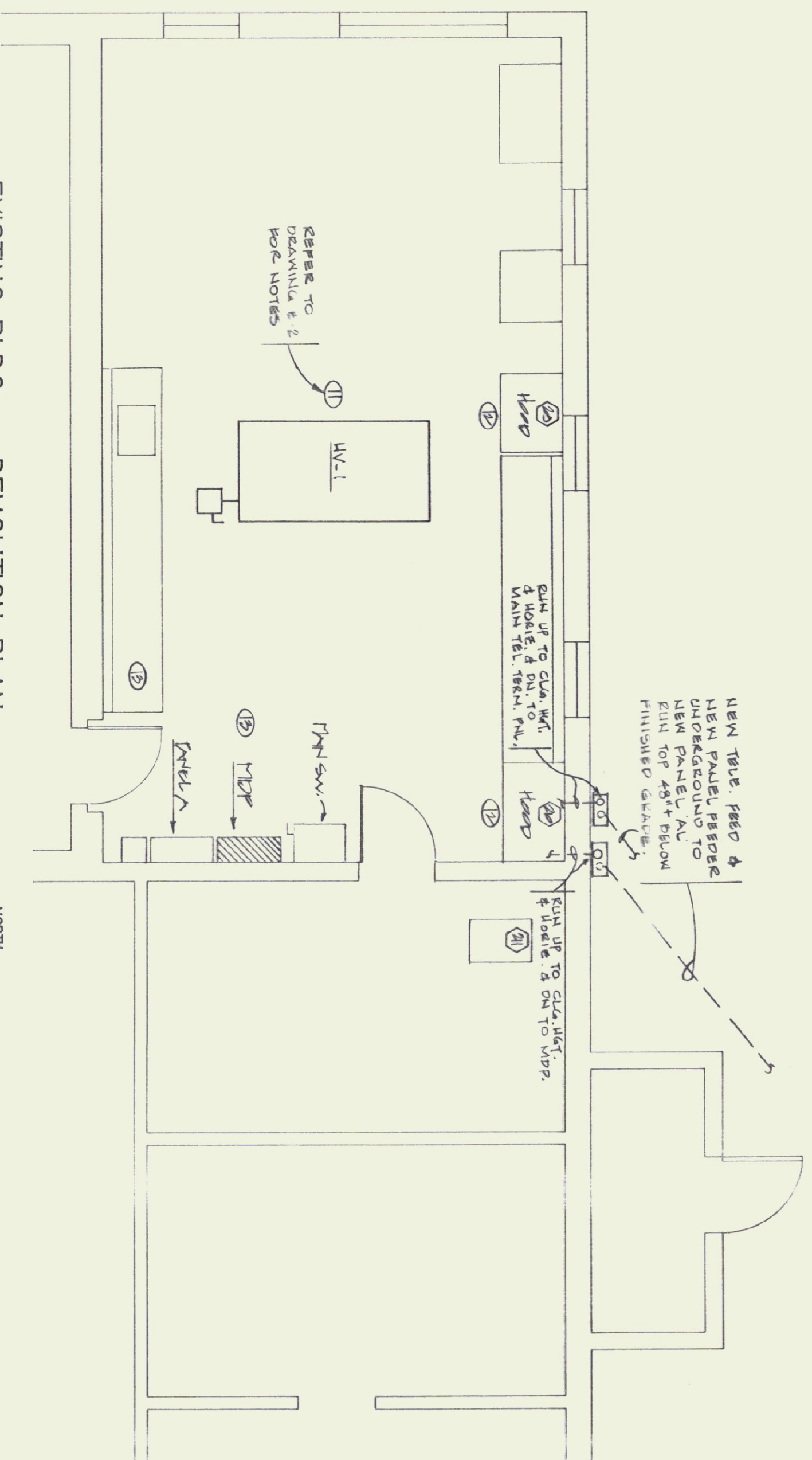


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(802) 253-9607

STATE OF VERMONT DEPARTMENT OF STATE BUILDINGS AGENCY OF ADMINISTRATION		VERMONT	
MONTPELIER			
AGENCY OF TRANSPORTATION CONCRETE TEST LABORATORY BARE-MONTPELIER ROAD BERLIN, VERMONT			
PLUMBING PLAN & SCHEDULES			
DATE: 06/09/92	SCALE: 1/2"=1'-0"	REVISIONS: 07/19/92 JLC	CAD FILE: P-CTL-02
DRAWN BY: B.W.M.	APPROVED BY:	SHEET: 2 OF 3	DWG NO. P-1

10/12

EXISTING BLDG. - DEMOLITION PLAN

$$\underline{1/4''=1'-0'}$$


LIGHTING FIXTURE SCHEDULE						
TYPE	MANUFACTURER	CAT. NO.	LUMENS	DIFFUSER	MOUNTING	REMARKS
A	LITHONIA	DL 200 T 10 ES Hs Bow	2,100 candle power	heat reflect reflective	ceiling mount	diagram indicates excellent mount in structure is
B	KAB	VX 100 D00	1,000 W I.P.	clear glass cast enamel	surface	
C	LITHONIA	MSM12100 EL	—	—	valve mount 1 ft pole	EXIT - EMERGENCY LIGHT
D	LITHONIA	ELM12	—	—	wall mt. top 7'-0" A.P.F.	EMERGENCY LIGHT
E	LITHONIA	TNL105100 PE	1,000 WBS	POLYCARBONATE	wall mt. bot. 7'-0" A.P.F.	W/ PHOTO-CELL

LEGEND

- | | |
|---|---|
|  | INCANDESCENT, FLUORESC, OR FLUORESC, CEILING MTD.
LETTER DENOTES TYPE |
|  | INCANDESCENT AND/OR FLUORESCENT (EXPOSED), WALL MTD.
LETTER DENOTES TYPE |
|  | HIGH INTENSITY DISCHARGE (HID), EXPOSED, WALL MOUNTED,
LETTER DENOTES TYPE |
|  | EXIT/EMERGENCY LIGHTING, CEILING MTD., LETTER DENOTES TYPE |
|  | SMITH, SHAW, TROTT, LANTON #1, #2, #3, #4, GROUNDING,
MOUNT TOP 44" A.F.F. |
|  | SMITH, TROTT, WALK, LANTON #1, #2, #3, #4, GROUNDING,
MOUNT TOP 44" A.F.F. |
|  | SMITH W/PIVOT LIGHT LANTON #1, #2, #3, #4
MOUNT TOP 44" A.F.F. |
|  | DUPLEX RECI-1, LANTON #A582-1, 20A, 125V, MOUNT HORIZONTALLY
ABOVE COUNTER HUBBET. |
|  | DUPLEX RECI-1, LANTON #A582-1, 20A, 125V, MOUNT BOTTOM 16" A.F.F.
E.M.C. DEVICES, ELECTRIC WATER HEATER. |
|  | DOUBLE DUPLEX-1, HORIZONTAL LANTON #1, #2, #3, #4, 20A, 125V, MOUNT TOP 44" A.F.F. |
|  | DUPLEX RECI-1, #1 G.E.F., PROTECTIVE LANTON #A388-1, MOUNT
HORIZONTAL, ABOVE COUNTER HUBBET |
|  | DUPLEX RECI-1, #1 G.E.F., PROTECTIVE LANTON #A388-1, W/60196V W.P. COU-1
MOUNT BOTTOM 24" A.F.F., W.P. DEVICES, WEATHERPROOF |
|  | DUPLEX RECI-1, #1 G.E.F., PROTECTIVE LANTON #A388-1, W/60196V W.P. COU-1
HORIZONTAL, ABOVE COUNTER HUBBET, W.P. DEVICES WEATHERPROOF |
|  | JUNCTION BOX |
|  | DISCONNECT, SMITH, W.P. DEVICES, WEATHERPROOF. |
|  | MOTOR CAP HUBBET |
|  | MOTOR |
|  | PANELBOARD, SMITH AND W/PIVOT MTD. |
|  | DISTRIBUTION PANEL |
|  | BRANCH CIRCUIT, WIRING CONCEALED IN WALL, CEILING & FLOOR,
(/) DENOTES CONDUCTOR COUNT |
|  | HUBBET TO PANELBOARD, (/) DENOTES CONDUCTOR COUNT |
|  | TELEPHONE (ALL) |
|  | TELEPHONE (ALL) |

NOTES—AUDED BY ARCHITECT OCTOBER 12, 1963

1. REFER TO THE SITE PLAN ON THE TITLE SHEET FOR THE APPROXIMATE LOCATION OF EXISTING UTILITIES AND THE PROPOSED UNDERGROUND ELECTRICAL SERVICE AND DRAINAGE ITEMS.

3. ALTERNATE # 1, RAISED ROOF, SHALL INCLUDE ALL LABOR, MATERIALS AND ASSOCIATED COSTS WITH THE REMOVAL, DEMOLITION AND RE-INSTALLATION OF EXISTING MECHANICAL AND ELECTRICAL EQUIPMENT.

Wolbach Engineering, Inc.
Consulting Engineers
20 Kimball Ave., Suite 102, S. Burlington, VT 05403
(802) 658-4044



State of Vermont
Department of State Buildings

John Zampieri, Commissioner

Materials & Research
Laboratory

Berlin, VT

Janson Design, Inc.

FRIED KEIL, ARCHITECT
P.O. BOX 55 - BOLTON ROAD, WATERBURY, VT 05676
(802) 244-5800

Architect's Project No. 247

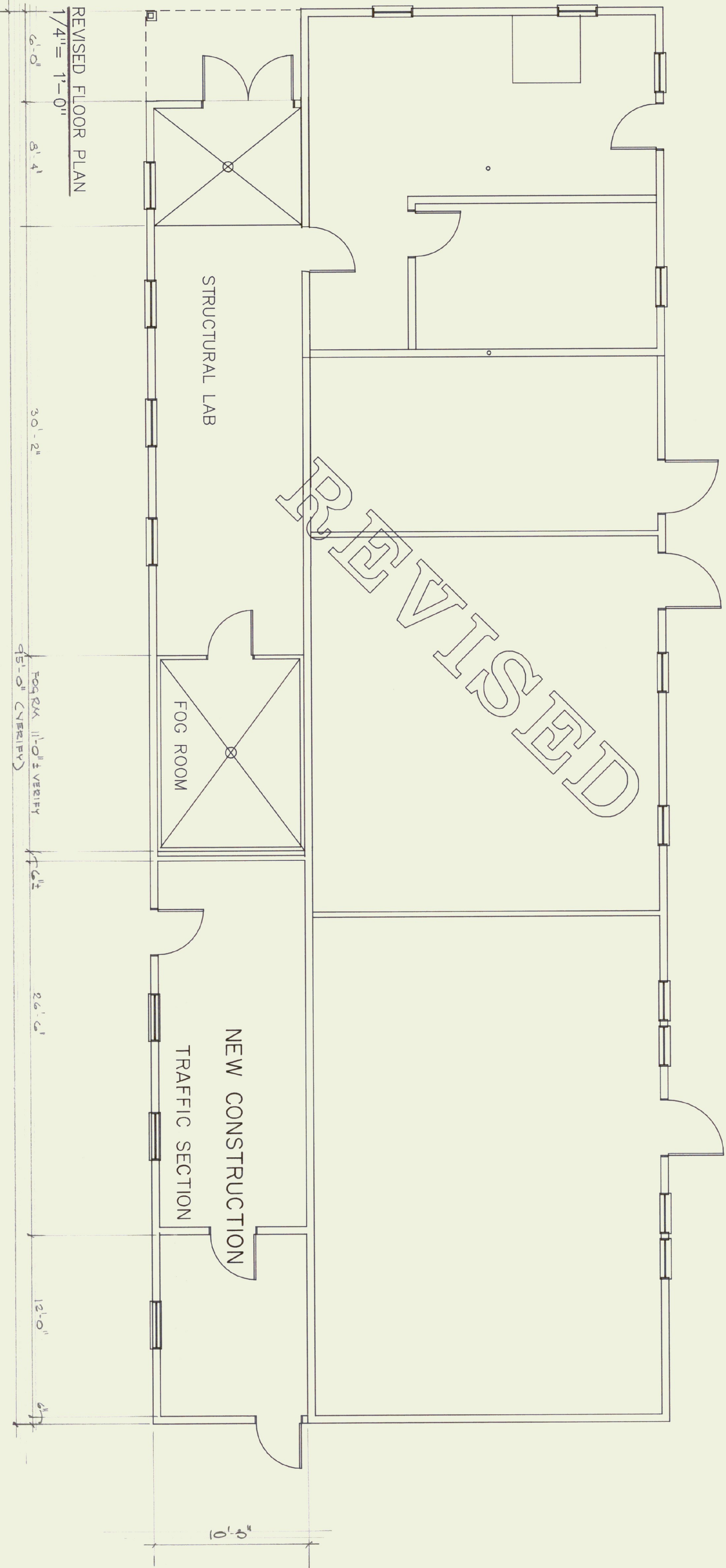
DEMOLITION & LIGHTING PLAN

No.

10.10.22

1999

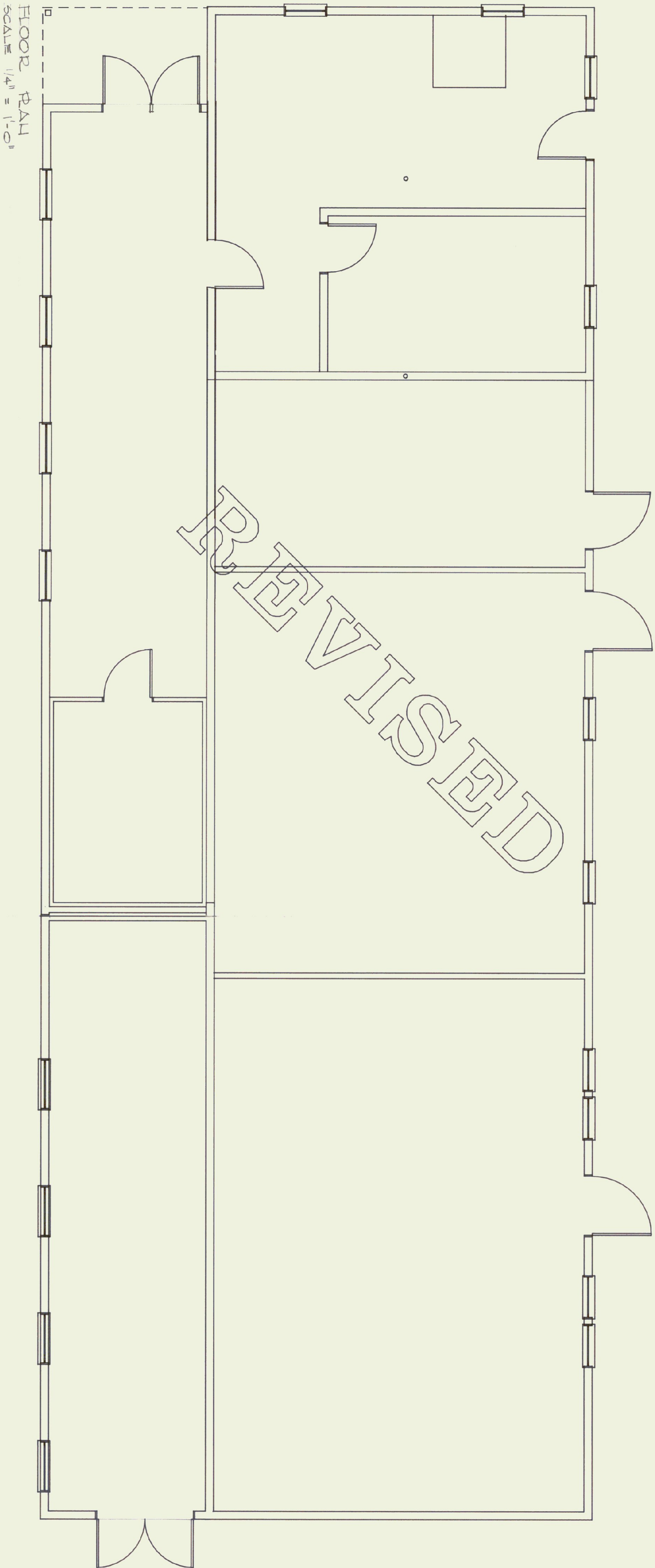
2



REVISED

REV. FLOOR PLAN

REVISIONS DEC 26,1989: 1.REVERSED STRUCTURAL LAB 2.EXTEND LEAN-TO FOR THE LENGTH OF BLDG		State of Vermont Department of State Buildings John Zampieri, Commissioner		Materials & Research Laboratory Berlin, VT		Janson Design, Inc. ARCHITECTS P.O. BOX 55 - BURLINGTON, VT 05401 (802) 244-5800		Architect's Project No. 247		DATE: OCT. 10, 1989 DWG. NO. REV 2.	
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	State of Vermont Department of State Buildings John Zampieri, Commissioner	Materials & Research Laboratory Berlin, VT	Janson Design, Inc. FRED KELL, ARCHITECT P.O. BOX 55 - BURLINGTON, VT 05678 (802) 244-5800 Architect's Project No. 247	DEC 19 1989	DATE: OCT. 10, 1989
					DWG. NO. A2R