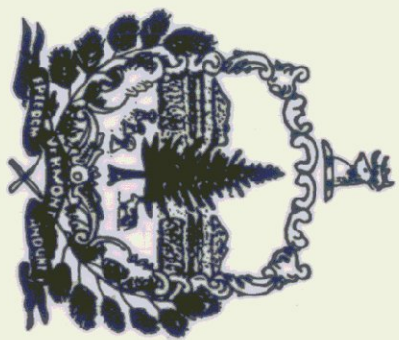


STATE OF VERMONT  
AGENCY OF TRANSPORTATION



FIVE BAY MAINTENANCE GARAGE

WINDSOR, VERMONT

JULY 1983

AGENCY OF ADMINISTRATION  
DIVISION OF STATE BUILDINGS  
MONTPELIER, VERMONT  
IRVING A. BATES, DIRECTOR

AGENCY OF TRANSPORTATION  
MONTPELIER, VERMONT  
PATRICK J. GARAHAN, SECRETARY

INDEX OF DRAWINGS

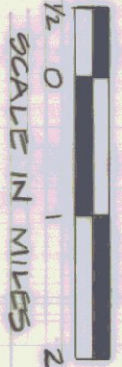
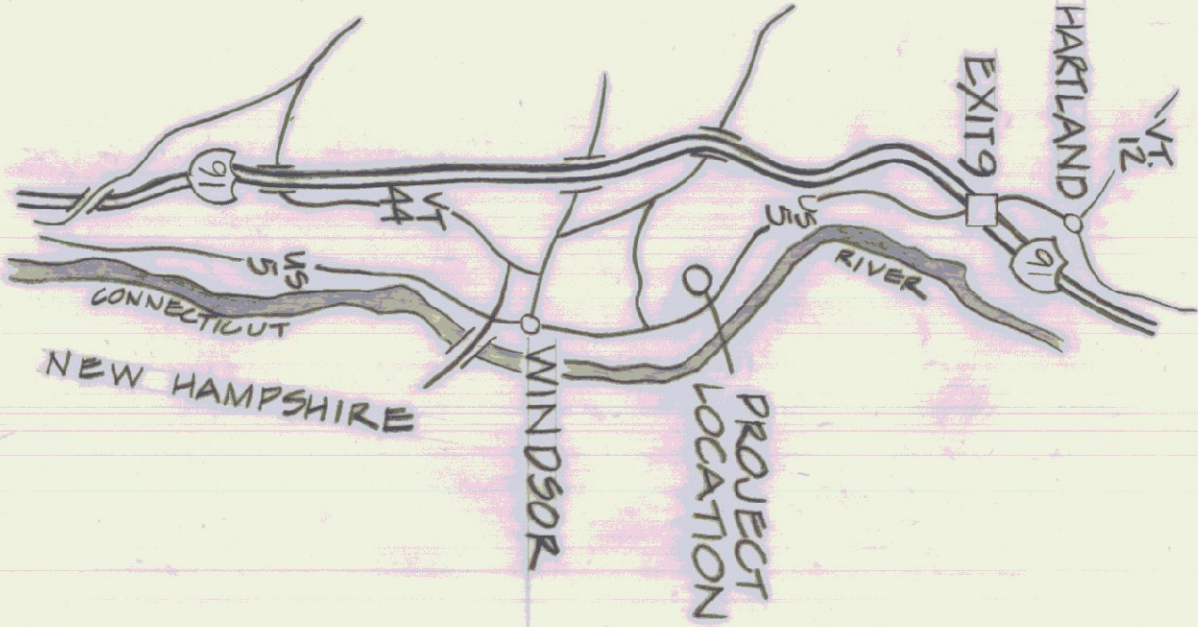
- S-1 50 SCALE SITE PLAN
- S-2 20 SCALE SITE PLAN
- A-1 FOUNDATION PLAN, SECTIONS AND DETAILS
- A-2A STRUCTURAL STEEL FRAMING
- A-3 FLOOR PLANS, 1/4" SECTION AND DOOR AND WINDOW SCHEDULES
- A-4 GARAGE EXTERIOR ELEVATIONS
- A-5 INTERIOR ELEVATIONS AND SECTIONS
- A-6A WALL SECTIONS/DOOR AND WINDOW DETAILS
- A-6B EXTERIOR DOOR DETAILS & PAINT SCHEDULE
- A-7 STAIR, LOFT AND WALL DETAILS
- P-1 PLUMBING SYSTEM PLAN
- M&E-1 MECHANICAL AND ELECTRICAL PLAN

ABBREVIATIONS

|        |                    |        |                       |
|--------|--------------------|--------|-----------------------|
| F.F.   | FINISHED FLOOR     | V.&H.  | VERTICAL & HORIZONTAL |
| F.O.F. | FACE OF FOUNDATION | O.C.   | ON CENTER             |
| F.O.S. | FACE OF STUDS      | A.B.   | ANCHOR BOLD           |
| T.O.F. | TOP OF FOOTING     | N.T.C. | NOT IN CONTRACT       |
| H.C.I. | HUBLESS CAST IRON  |        |                       |

KEY

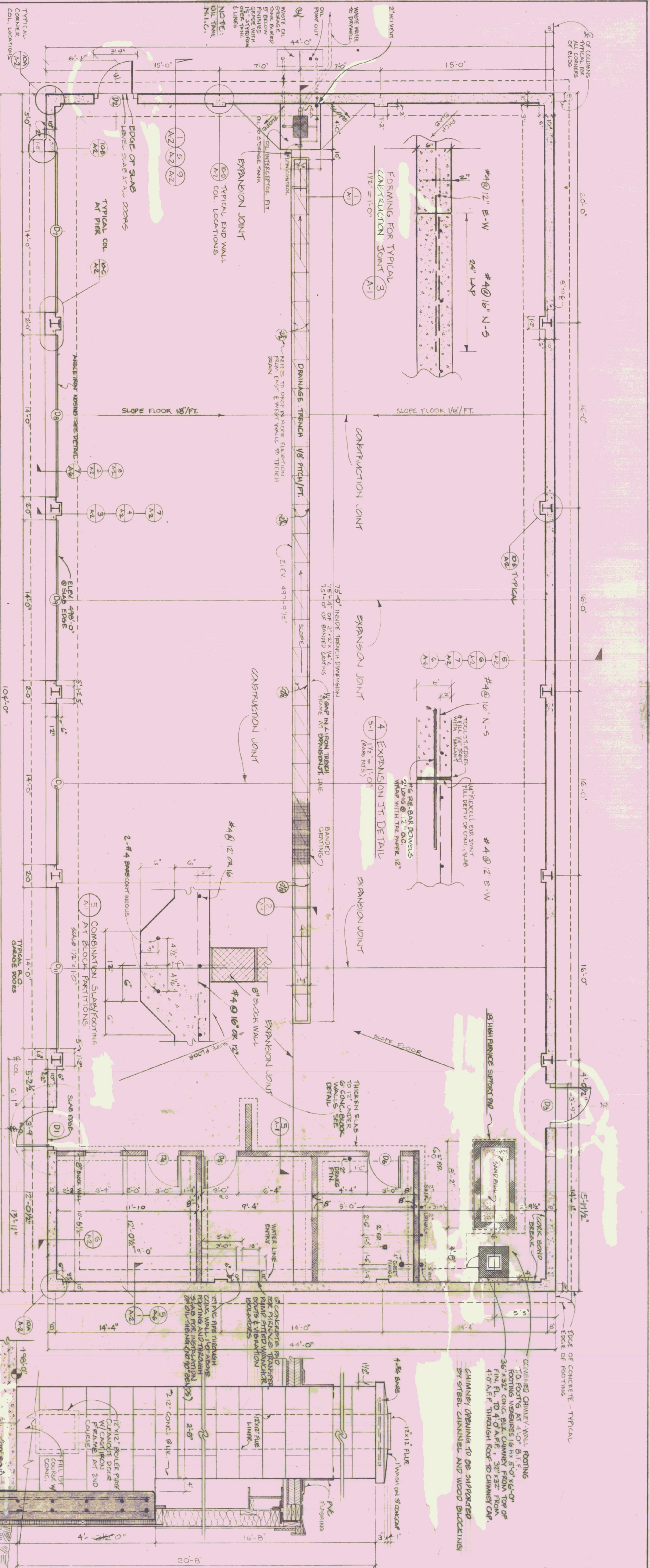
|  |                                                |
|--|------------------------------------------------|
|  | EARTH                                          |
|  | SAND                                           |
|  | CONCRETE                                       |
|  | GRAVEL                                         |
|  | METAL ROOF DECK INSULATION                     |
|  | EXTRUDED STYROFOAM INSULATION - TYPE SM DW     |
|  | FIBERGLASS INSULATION                          |
|  | CONTINUOUS STRUCTURAL WOOD                     |
|  | DISCONTINUOUS WOOD BLOCKING                    |
|  | WOOD FACE GRAIN                                |
|  | WOOD END GRAIN                                 |
|  | OSB (ORIENTED STRAND BOARD) INTERIOR SHEATHING |
|  | STEEL                                          |
|  | CONCRETE                                       |



SUBMITTED BY ORDER OF THE STATE TRANSPORTATION BOARD

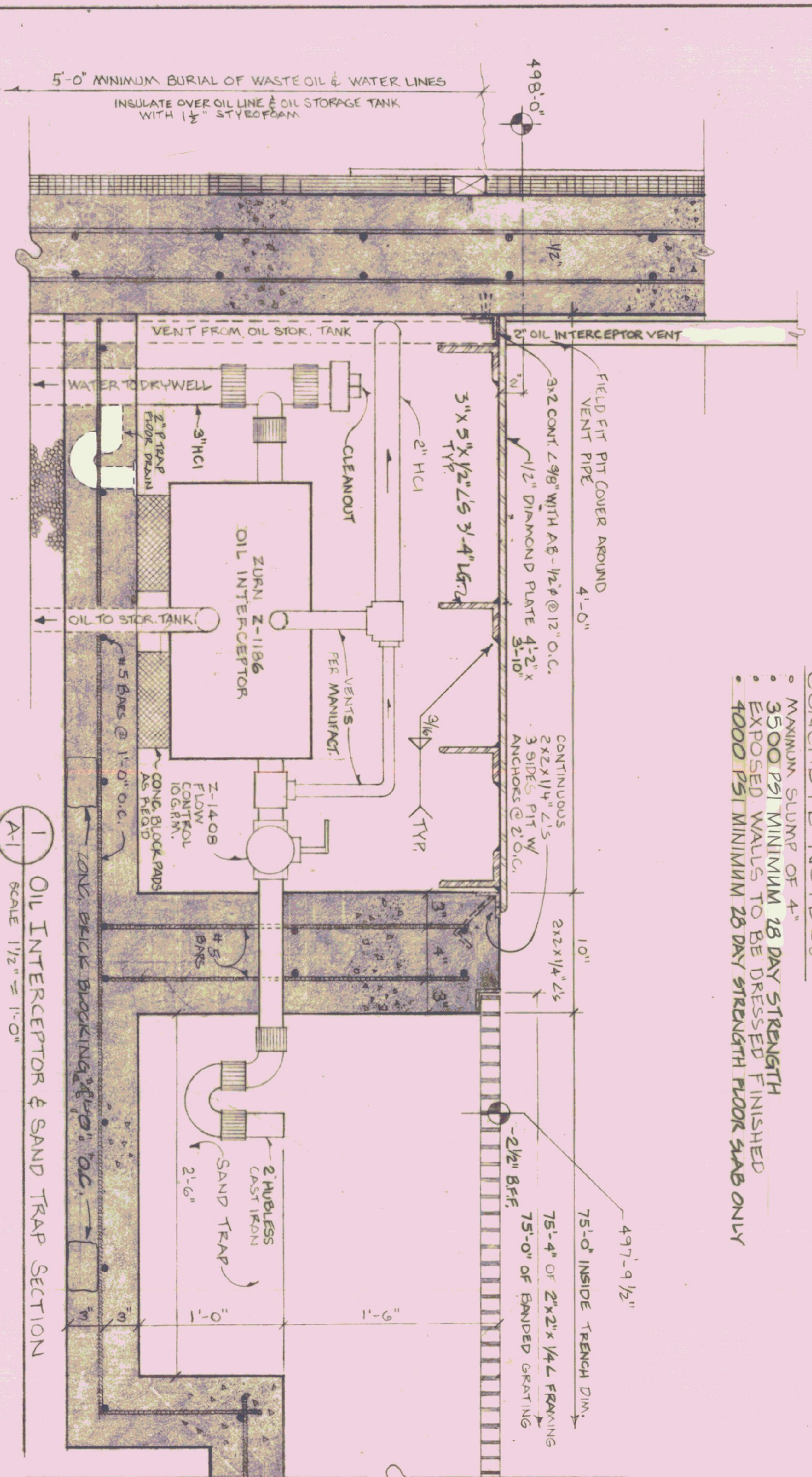
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|----------------------------------------------------------------|--------|
| APPROVED<br>DIRECTOR OF ENGINEERING AND CONSTRUCTION           | DATE   |
| DEPARTMENT OF TRANSPORTATION<br>FEDERAL HIGHWAY ADMINISTRATION |        |
| APPROVED<br>DIVISION ADMINISTRATOR                             | DATE   |
| PROJECT<br>NR                                                  |        |
| SHEET<br>1 OF                                                  | SHEETS |



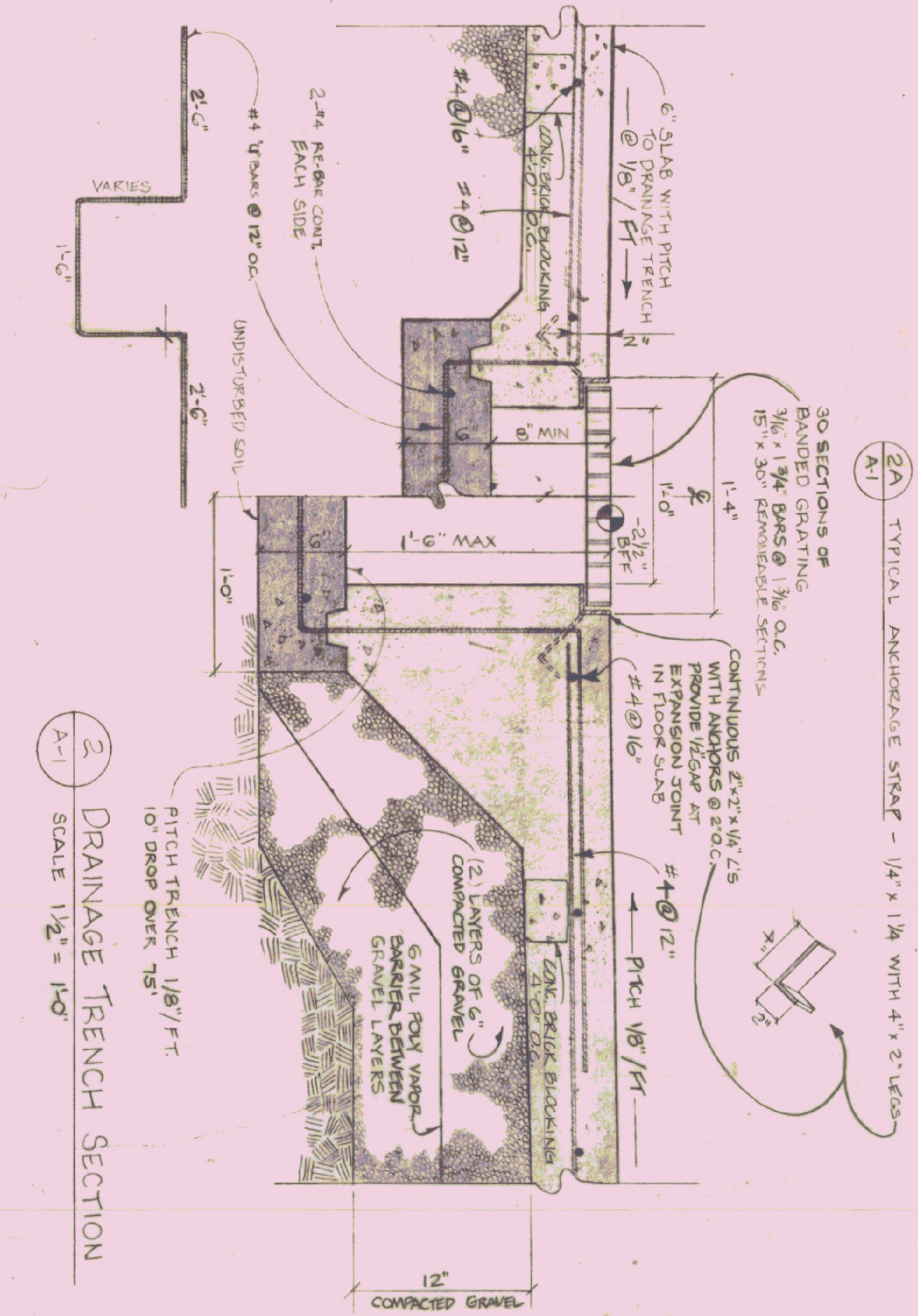


CONCRETE NOTES:  
• MINIMUM SLUMP OF 4"  
• 3500 PSI MINIMUM 28 DAY STRENGTH  
• EXPOSED WALLS TO BE DRESSED FINISHED  
• 4000 PSI MINIMUM 28 DAY STRENGTH FLOOR SLAB ONLY

BUILDING FOUNDATION PLAN  
SCALE 1/4" = 1'-0" F.F.E.L. 498'-0"



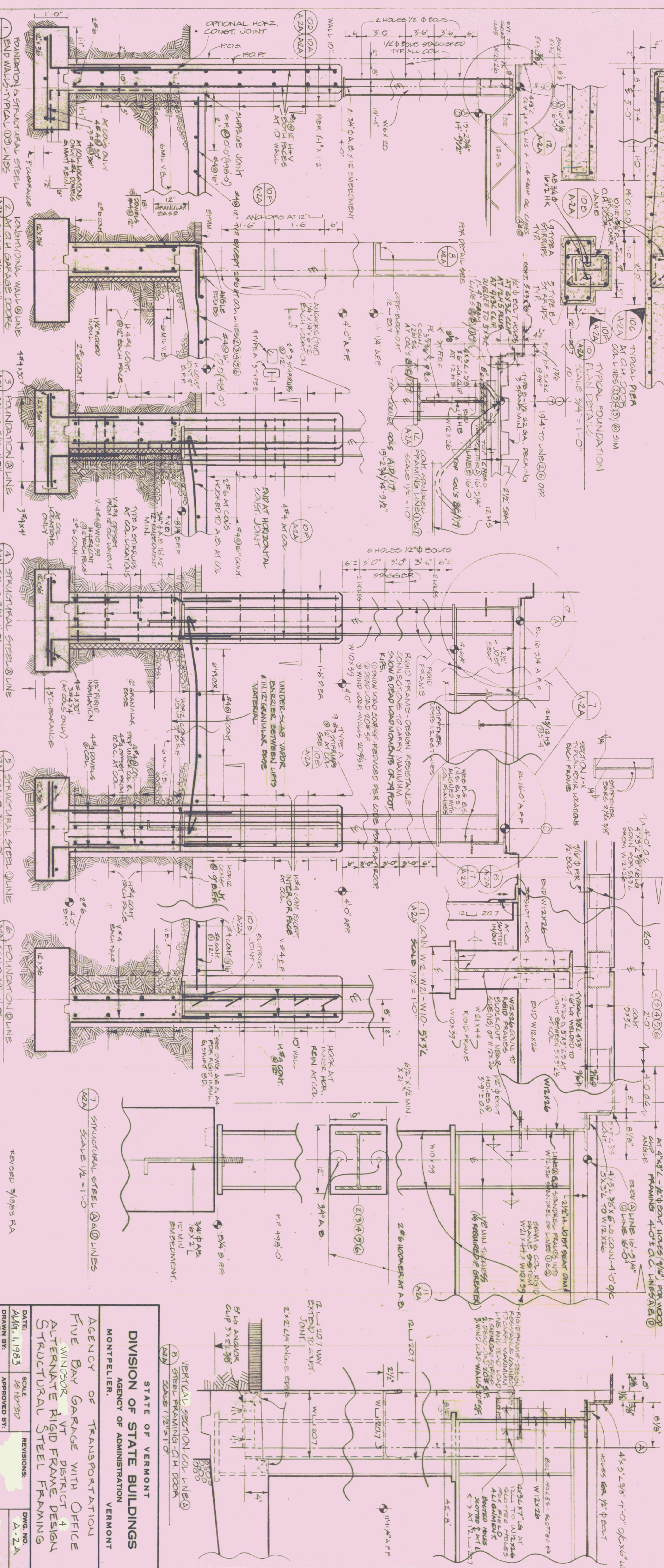
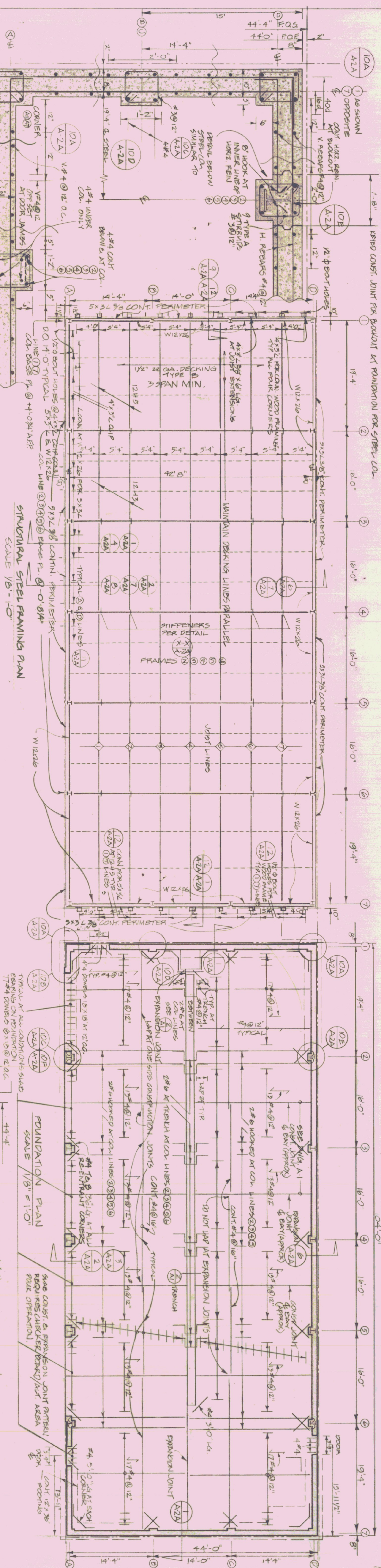
1 OIL INTERCEPTOR & SAND TRAP SECTION  
SCALE 1/2" = 1'-0"



2 DRAINAGE TRENCH SECTION  
SCALE 1/2" = 1'-0"

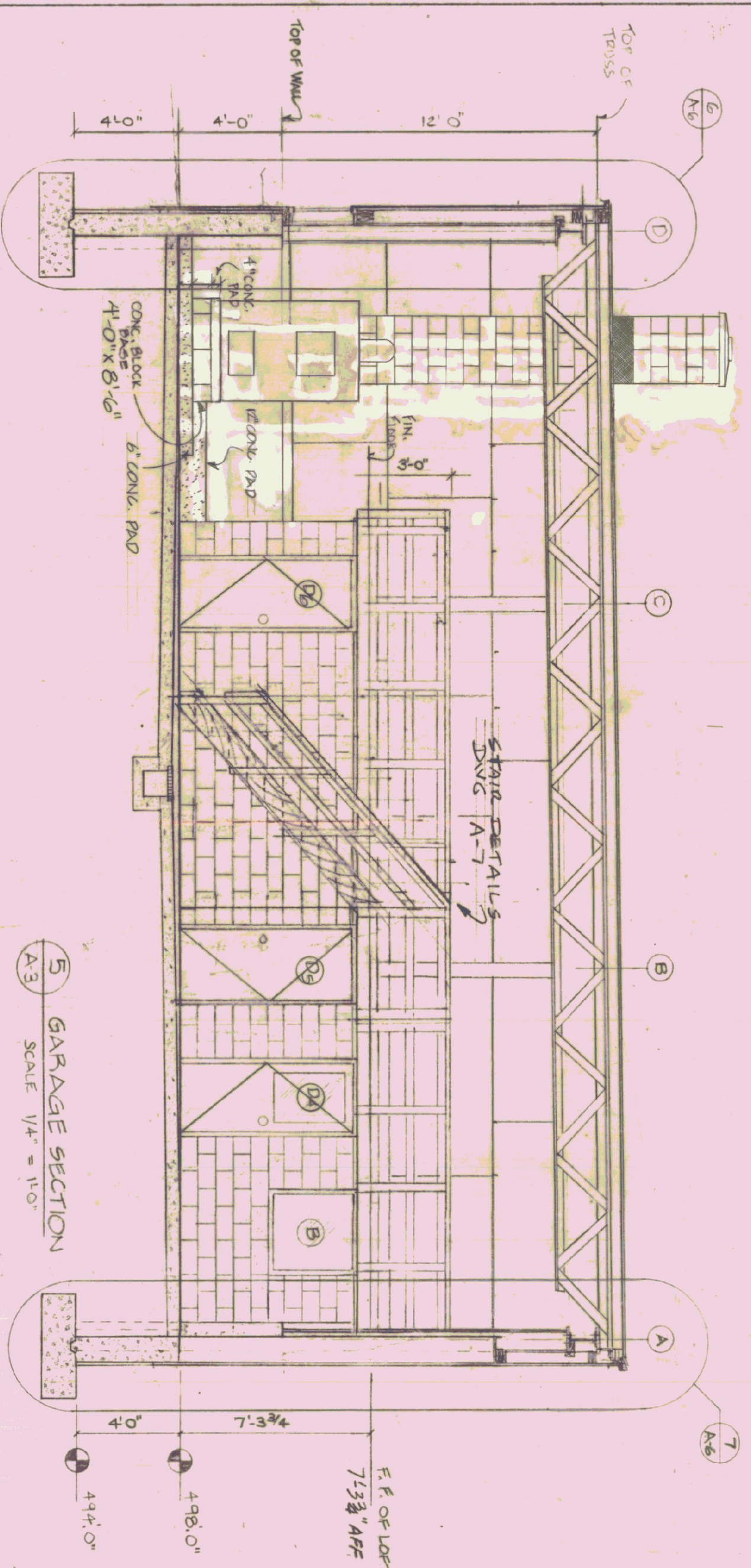
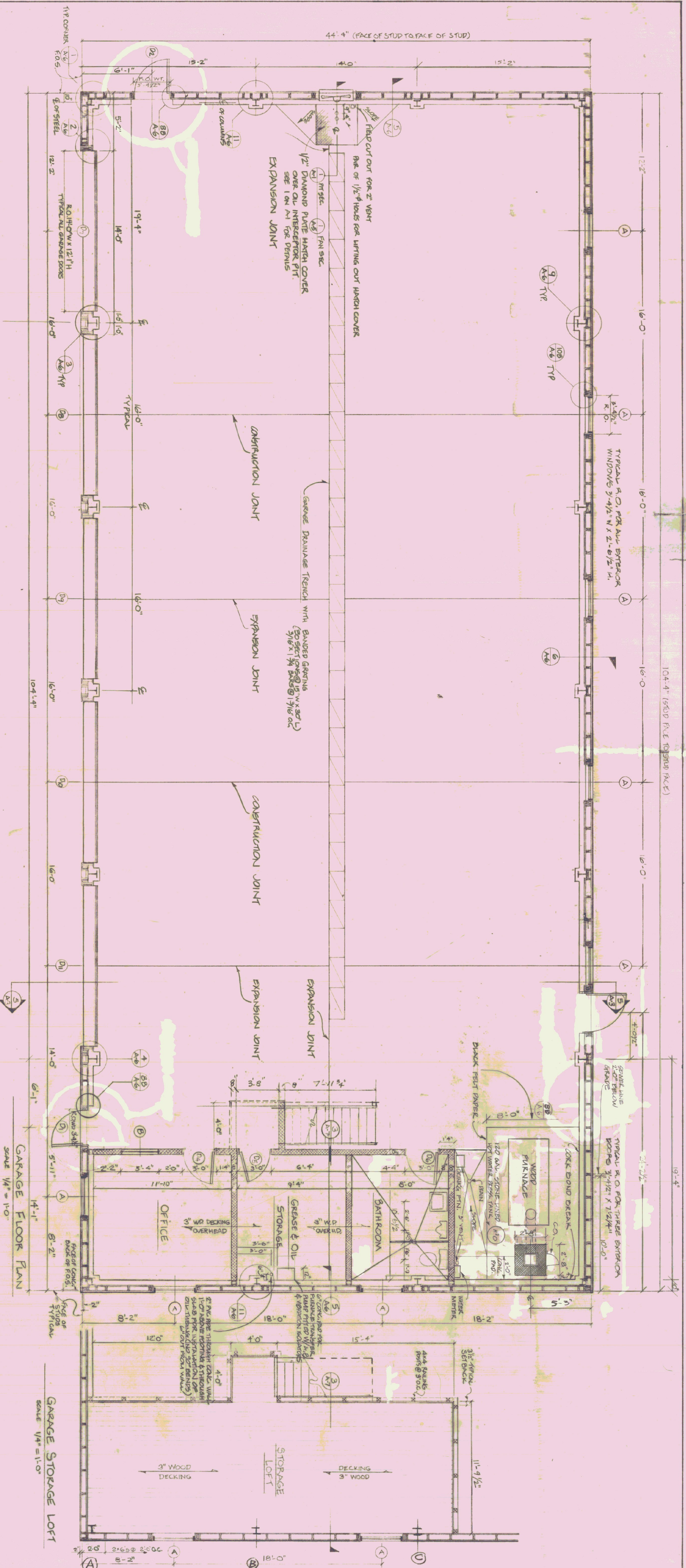
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|-------------------------------------|-------------------------|------------|--------------|
| STATE OF VERMONT                    |                         |            |              |
| DIVISION OF STATE BUILDINGS         |                         |            |              |
| AGENCY OF ADMINISTRATION            |                         |            |              |
| MONTPELIER.                         |                         |            |              |
| AGENCY OF TRANSPORTATION            |                         |            |              |
| FIVE BAY GARAGE WITH OFFICE         |                         |            |              |
| WINDSOR, VT. DISTRICT 4             |                         |            |              |
| FOUNDATION PLAN, SECTIONS & DETAILS |                         |            |              |
| DATE: AUG 1, 1983                   | SCALE: AS SHOWN         | REVISIONS: | DWG. NO. A-1 |
| DRAWN BY: J. C. DODD                | APPROVED BY: J. C. DODD |            | 3 OF 12      |





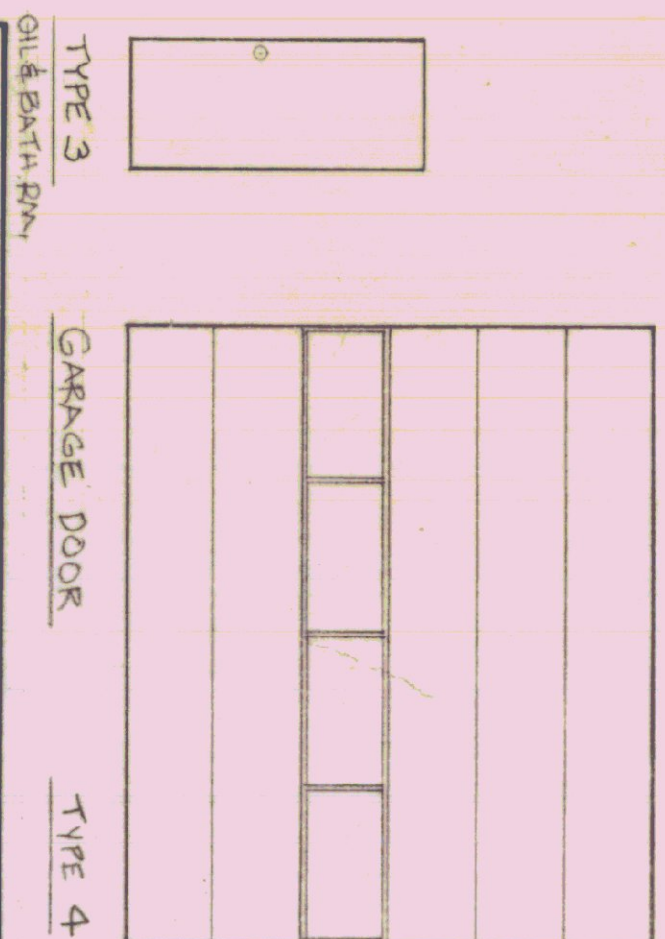
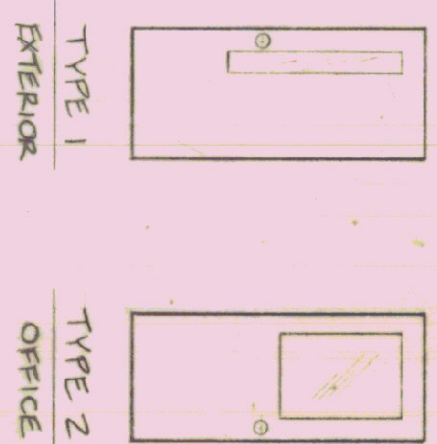
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|------------------------------|--------------|
| STATE OF VERMONT             |              |
| DIVISION OF STATE BUILDINGS  |              |
| AGENCY OF ADMINISTRATION     |              |
| MONTPELIER.                  |              |
| VERMONT                      |              |
| AGENCY OF TRANSPORTATION     |              |
| FIVE BAY GARAGE WITH OFFICE  |              |
| WINDSBORO VT DISTRICT 4      |              |
| ALTERNATE RIGID FRAME DESIGN |              |
| STRUCTURAL STEEL FRAMING     |              |
| DATE:                        | SCALE        |
| AUG. 1, 1983                 | AS NOTED     |
| DRAWN BY:                    | APPROVED BY: |
| A. BOULIN                    |              |
| REVISIONS:                   | DWG NO.      |
|                              | A-2A         |
| 4                            | OF 12        |





| Door Schedule |          |                    |      |          | Remarks                                                    |
|---------------|----------|--------------------|------|----------|------------------------------------------------------------|
| No.           | Quantity | Size               | Type | Material |                                                            |
| D1, D2, D3    | 3        | 3'0" x 7'0"        | 1    | C        | INSULATED METAL                                            |
| D4            | 1        | 2'8" x 6'8"        | 2    | C        | HOLLOW METAL                                               |
| D5            | 1        | "                  | 3    | B        | "                                                          |
| D6            | 1        | "                  | 3    | C        | "                                                          |
| D7-H          | 5        | 14'-0" W x 7'-0" H | 4    | C        | INSULATED WOOD                                             |
|               |          |                    |      |          | OVERHEAD DOOR SERIES 724 W/ LEVANT WINDOWS & FULL LOCK ROD |

| Window Schedule |          |        |                |                           | Remarks                       |
|-----------------|----------|--------|----------------|---------------------------|-------------------------------|
| No.             | Quantity | Type   | Frame Material | Rough Opening             |                               |
| A               | 10       | AWNING | METAL          | 3'-6 1/2" W x 2'-6 1/2" H | ADORN BLDG COMPONENTS # 2634C |
| B               | 1        | FIXED  | METAL          | 3'-4 1/4" W x 2'-4 1/4" H | HOLLOW METAL SPEC 08100       |



STATE OF VERMONT

DIVISION OF STATE BUILDINGS

AGENCY OF ADMINISTRATION

MONTPELIER.

AGENCY OF TRANSPORTATION

FIVE BAY GARAGE WITH OFFICE

WINDSOR, VT DISTRICT 4

FLOOR PLANS, 1/4" SECTION, & DOOR & WINDOW SCHEDULES

DATE: MAY 1, 1983

DRAWN BY: J. C. CORTIS

SCALE: AS NOTED

APPROVED BY:

REVISIONS:

DWG. NO. A-3

5 OF 12



# 2'-0" MODULAR FRAMING LAYOUT

1ST AND 3RD # OF LAYOUT  
DATA  
1 1/2" 9 1/2" 11 1/2"  
DOORS

PVC COATED FACIA (TYPICAL)

CHIMNEY ELEV 518'-8"

5/4" FACIA BOARD

SIDING LAYOUT

FIN FLOOR ELEV LOFT 505'-3 3/4"

FIN FLOOR ELEV GARAGE 498

TOP OF FOOTING ELEV 494

## SOUTH ELEVATION

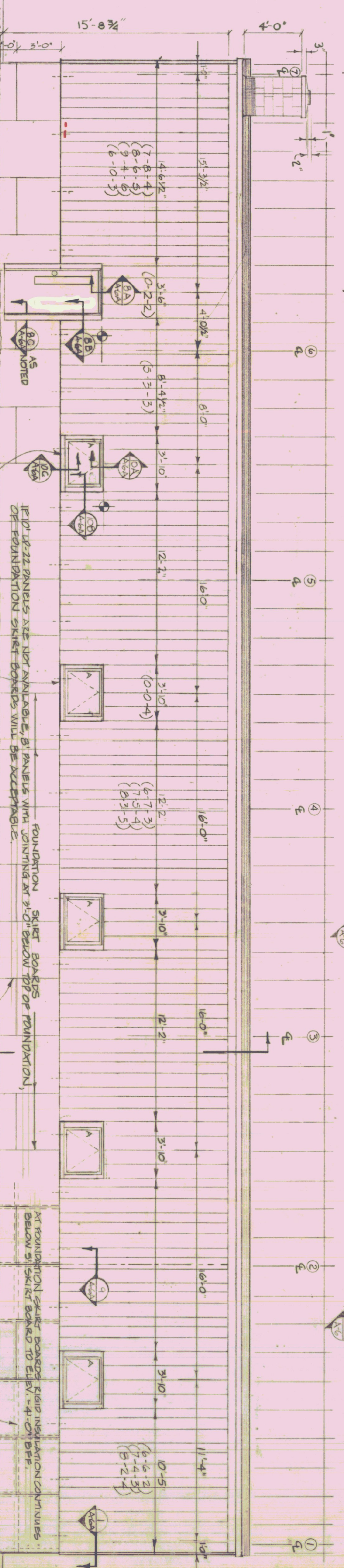
GARAGE DOORS - GENERAL CONTRACTOR WILL PROVIDE

3 1/2" CHANNEL ALL AROUND GARAGE DOORS

EXPOSED CONCRETE AT PERS & SIDES OF OUTER DOOR BAYS

### NOTE:

1. FOUNDATION INSULATION SHOWN Dwg. AT INTERIOR FACE OF FOUNDATION. AT COLUMN LINE A, SHALL EXTEND FROM COLUMN LINE (1) TO D.I. FULL DEPTH - 8" TO -4'-0" D.F.F.



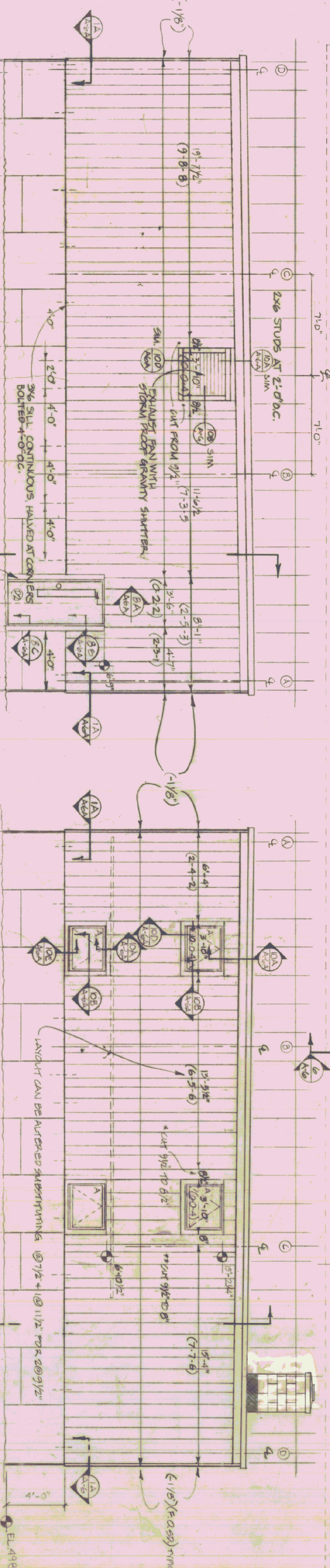
IF 1/2" LP-22 PLYWOOD SHEET BOARDS WITH JOINTING AT 2'-0" BELOW TOP OF FOUNDATION, SHEET BOARDS WILL BE ACCEPTABLE.

2x3 NAILER BRACKING AT SKIRT BOARDS

FIN FLOOR ELEV GARAGE 498

TOP OF FOOTING ELEV 494

## NORTH ELEVATION



## WEST ELEVATION

## EAST ELEVATION

REVISED FOR BOARD & BATTION

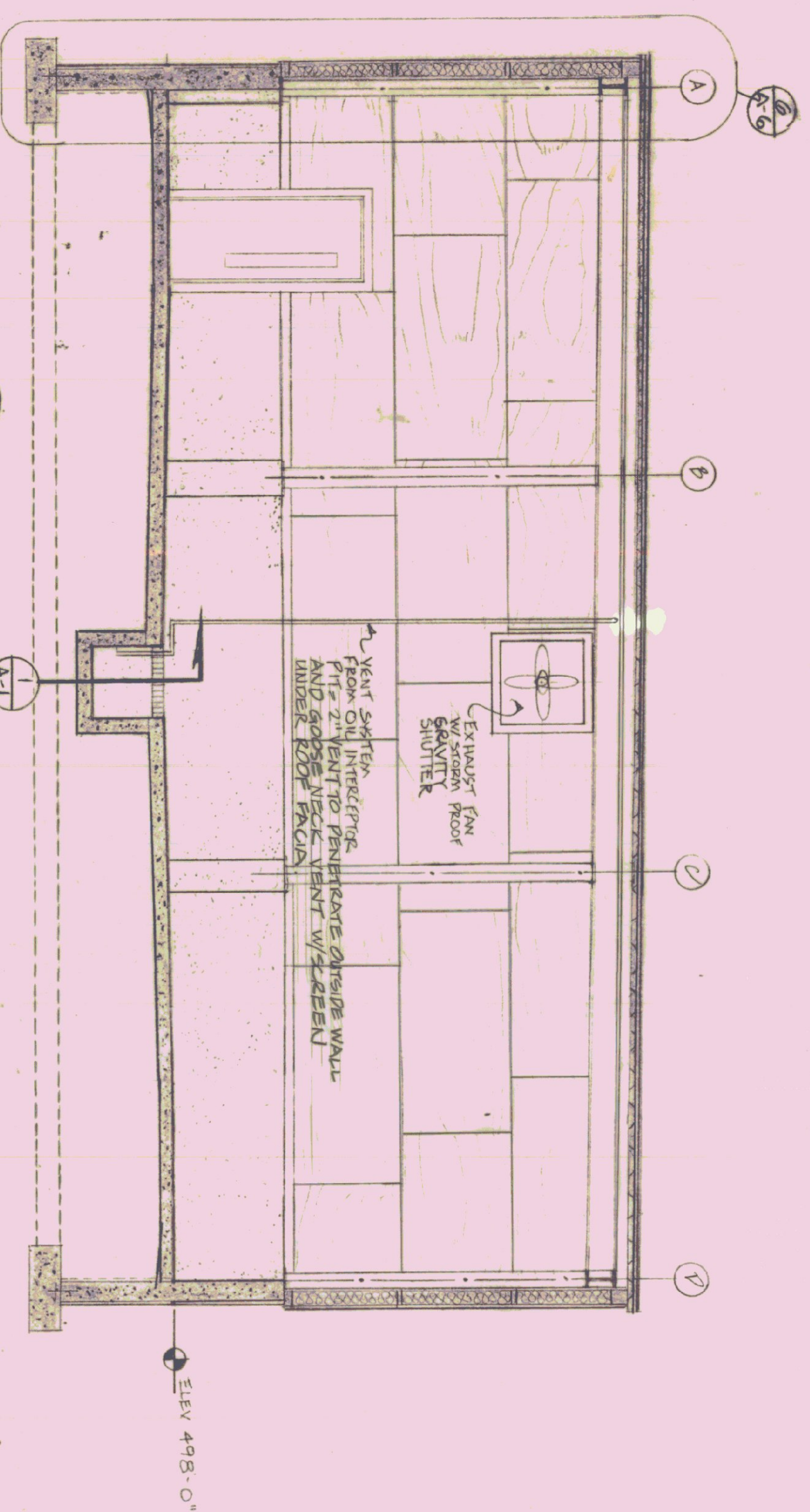
STATE OF VERMONT  
DIVISION OF STATE BUILDINGS  
AGENCY OF ADMINISTRATION  
MONTPELIER  
VERMONT

AGENCY OF TRANSPORTATION  
FIVE BAY GARAGE WITH OFFICE  
WINDSOR, VT. DISTRICT 4

GARAGE ELEVATIONS

|                       |              |           |          |
|-----------------------|--------------|-----------|----------|
| DATE                  | SCALE        | REVISIONS | DWG. NO. |
| AUG. 1, 1983          | 1/4" = 1'-0" |           | A-4      |
| DRAWN BY: PA RASSETTI | APPROVED BY: |           | 6 OF 12  |

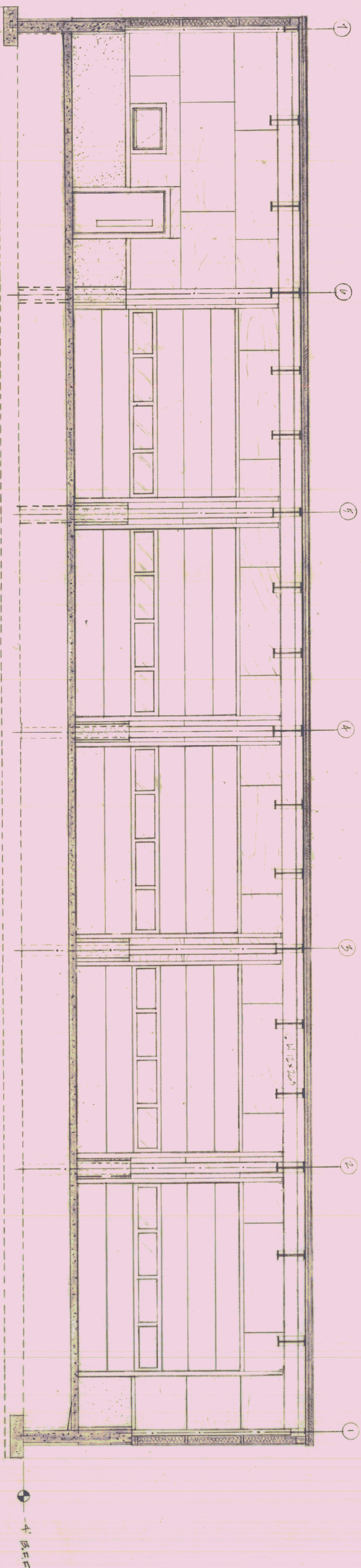




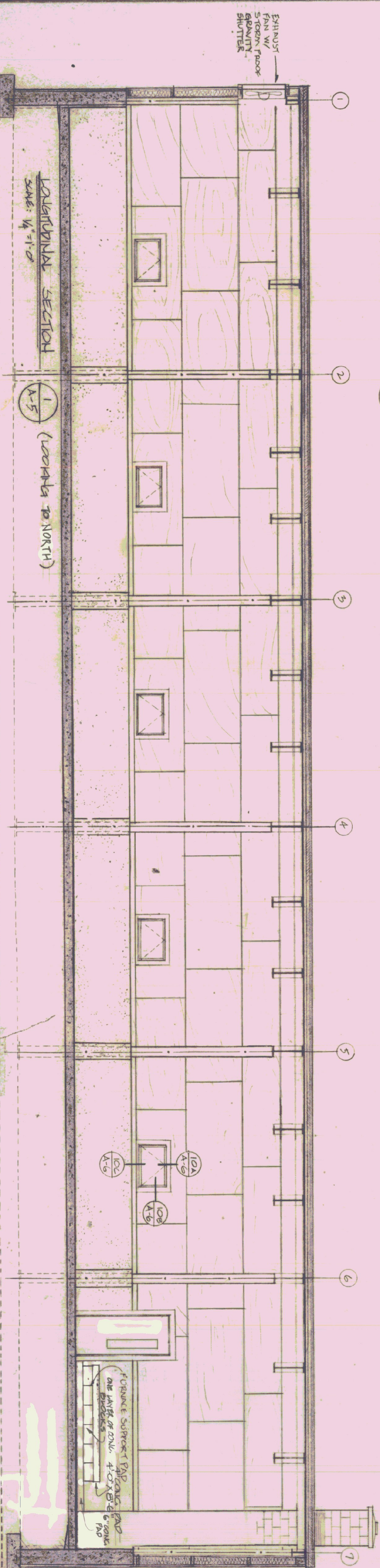
CROSS SECTION  
SCALE: 1/4"=1'-0"  
A-5 (LOOKING TO WEST)



ROOF PLAN  
SCALE: 1/8"=1'-0"  
A-7 ROOF PLAN



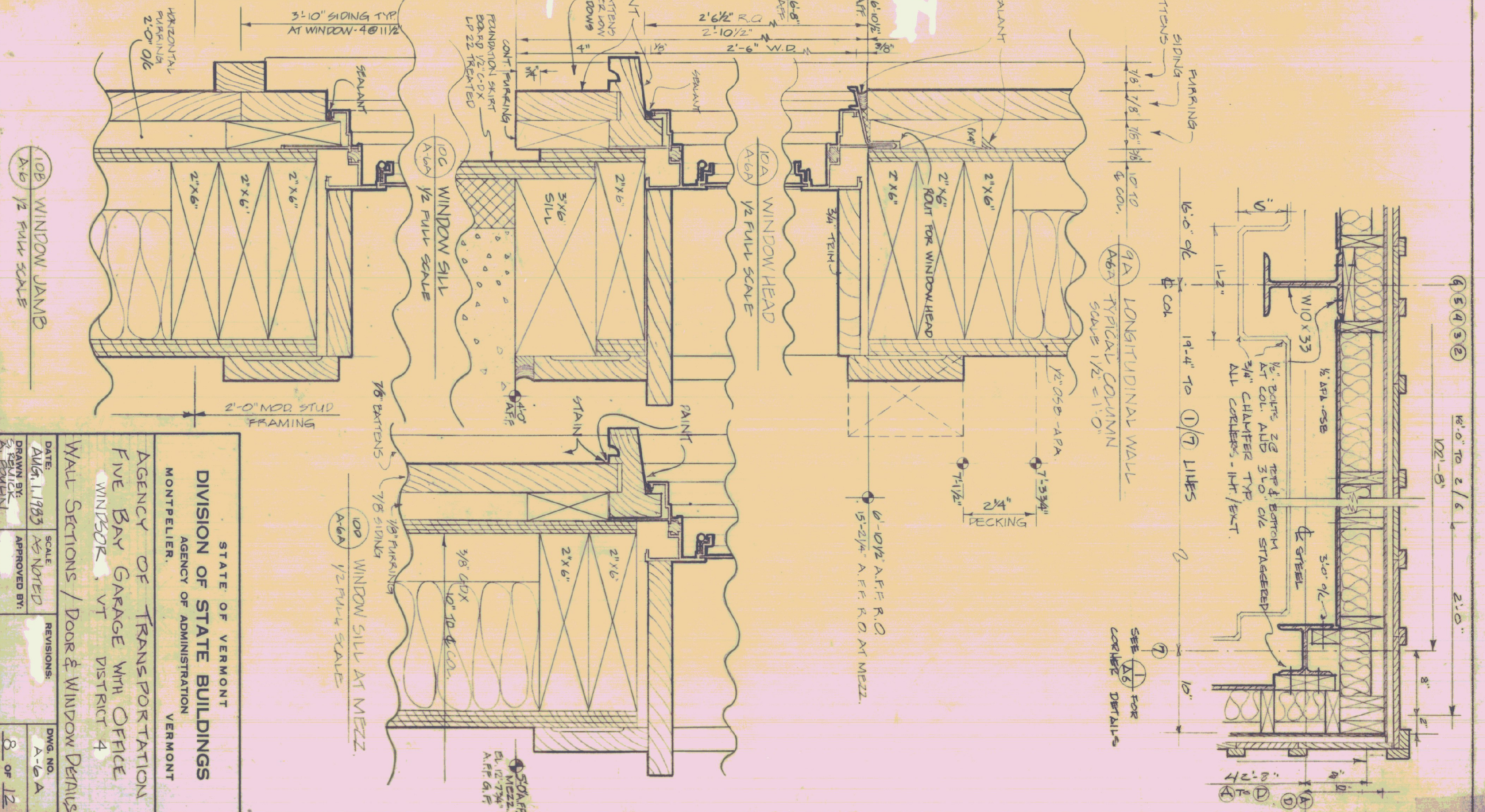
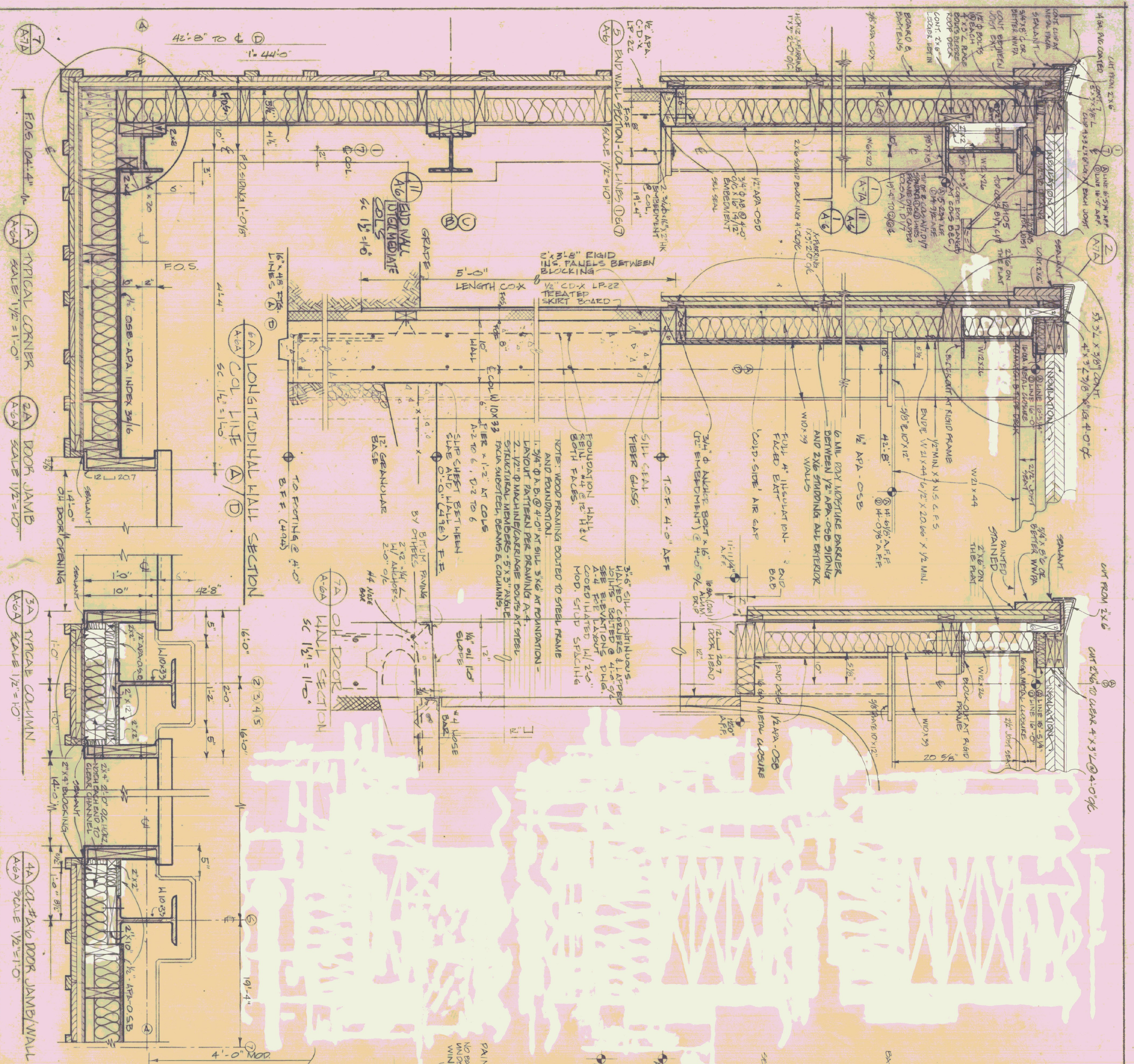
LONGITUDINAL SECTION 2  
SCALE: 1/4"=1'-0" (LOOKING TO SOUTH)



LONGITUDINAL SECTION 1  
SCALE: 1/4"=1'-0" (LOOKING TO NORTH)

|                                |                    |            |                 |
|--------------------------------|--------------------|------------|-----------------|
| STATE OF VERMONT               |                    |            |                 |
| DIVISION OF STATE BUILDINGS    |                    |            |                 |
| AGENCY OF ADMINISTRATION       |                    |            |                 |
| MONTPELIER, VERMONT            |                    |            |                 |
| AGENCY OF TRANSPORTATION       |                    |            |                 |
| FIVE BAY GARAGE WITH OFFICE    |                    |            |                 |
| WINDSOR, VT DISTRICT 4         |                    |            |                 |
| INTERIOR ELEVATIONS & SECTIONS |                    |            |                 |
| DATE:<br>AUG 11, 1983          | SCALE:<br>AS NOTED | REVISIONS: | DWG. NO.<br>A-5 |
| DRAWN BY:<br>RJB               | APPROVED BY:       |            | 7 OF 12         |





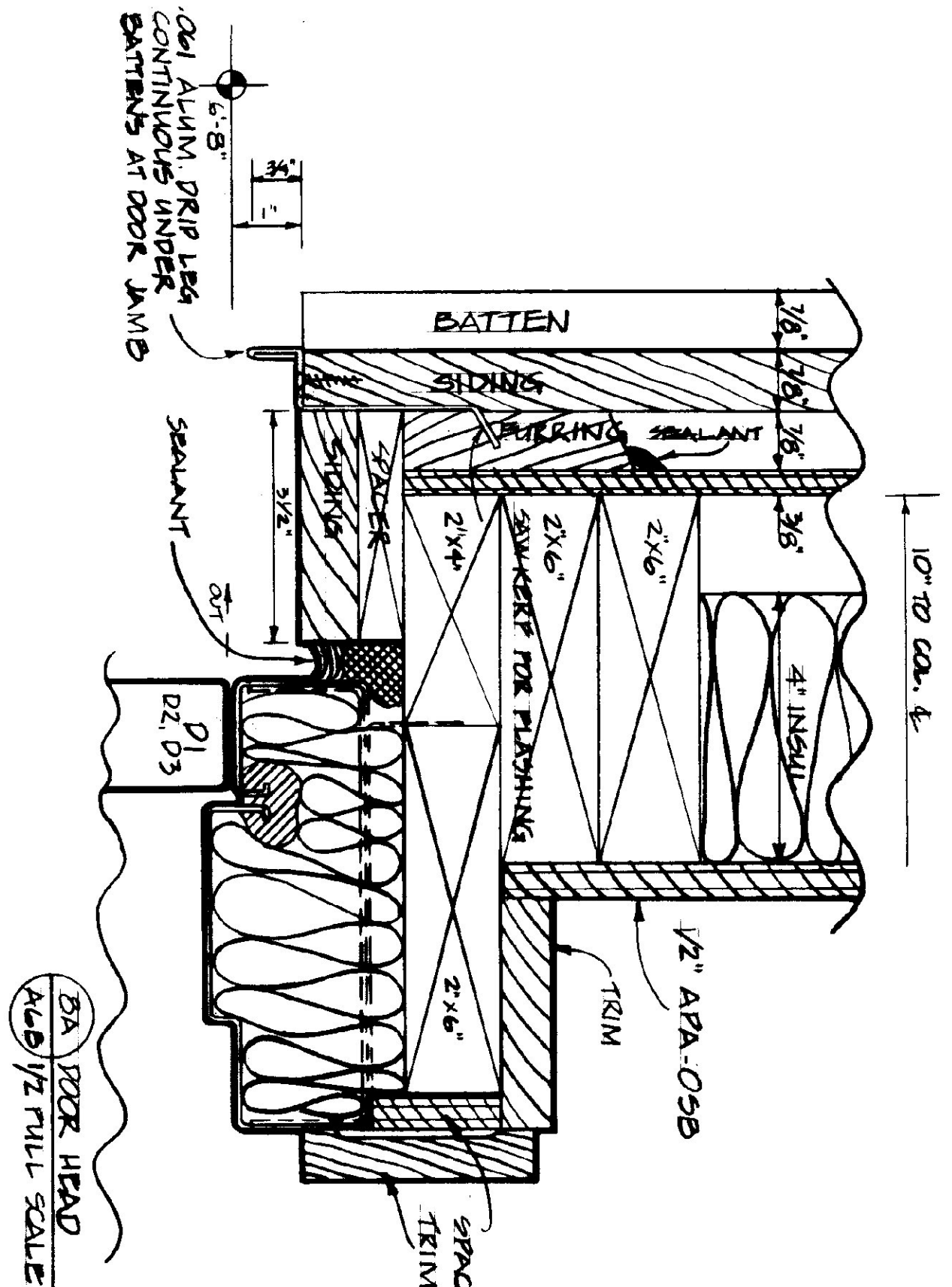
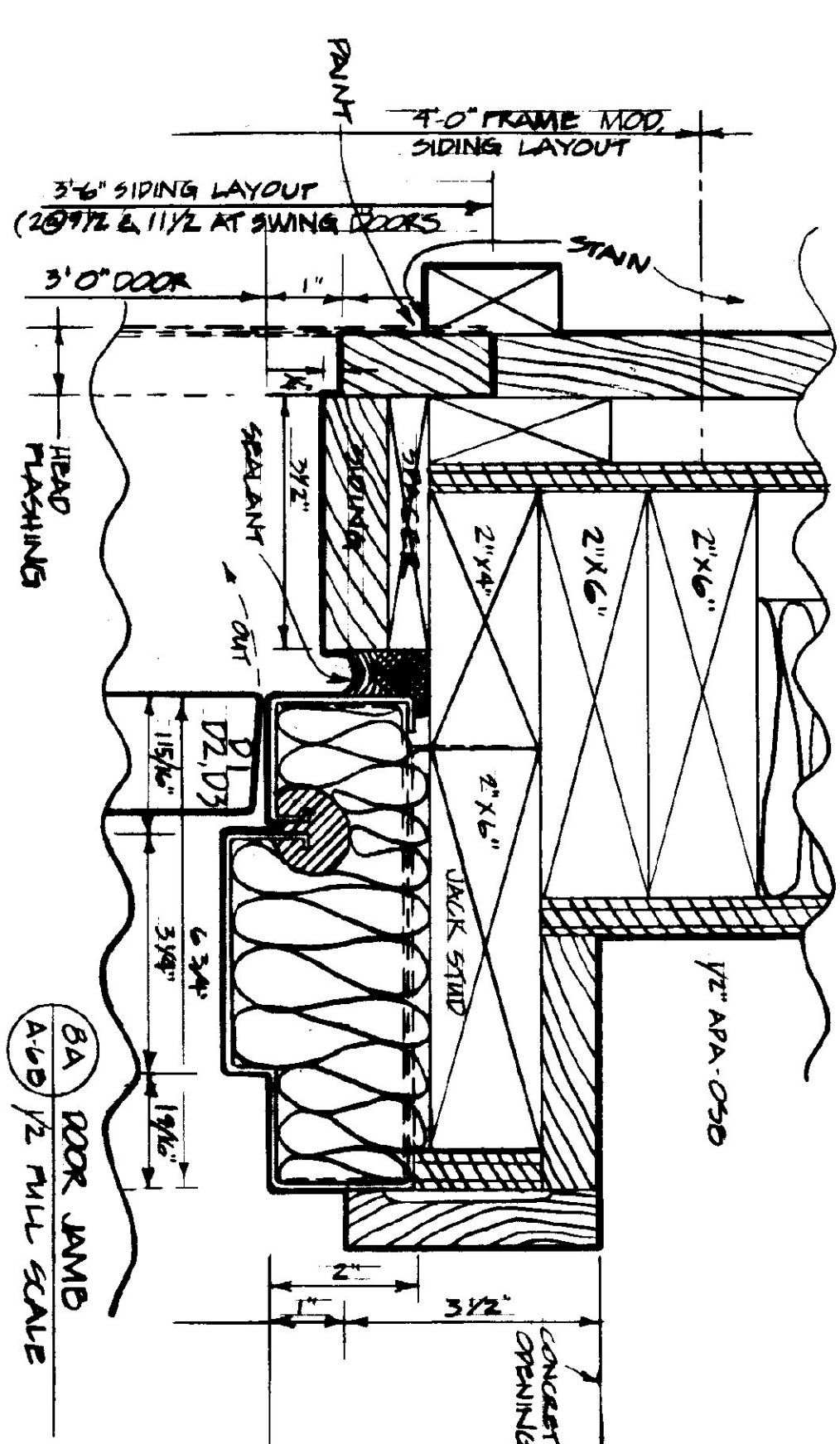
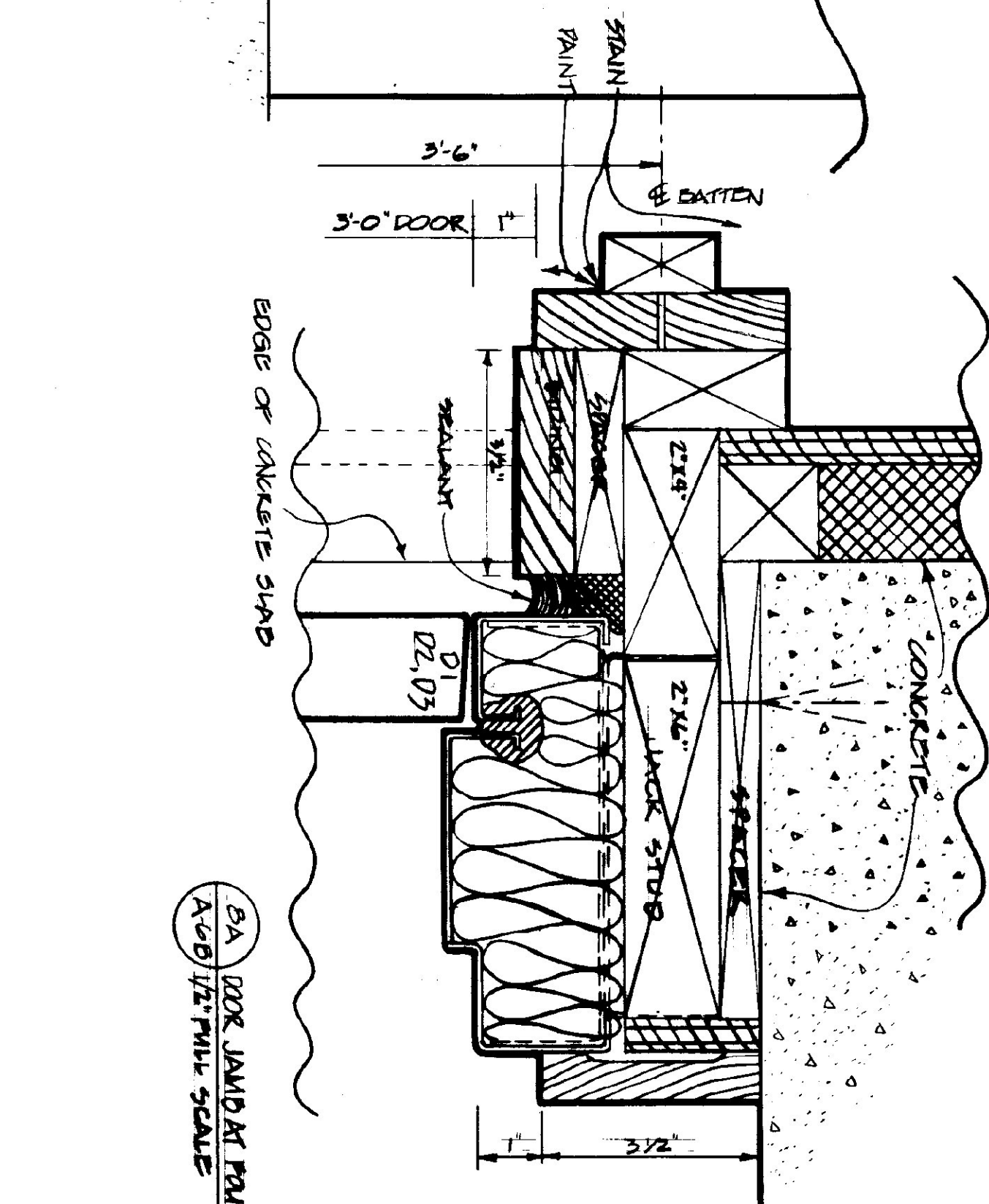
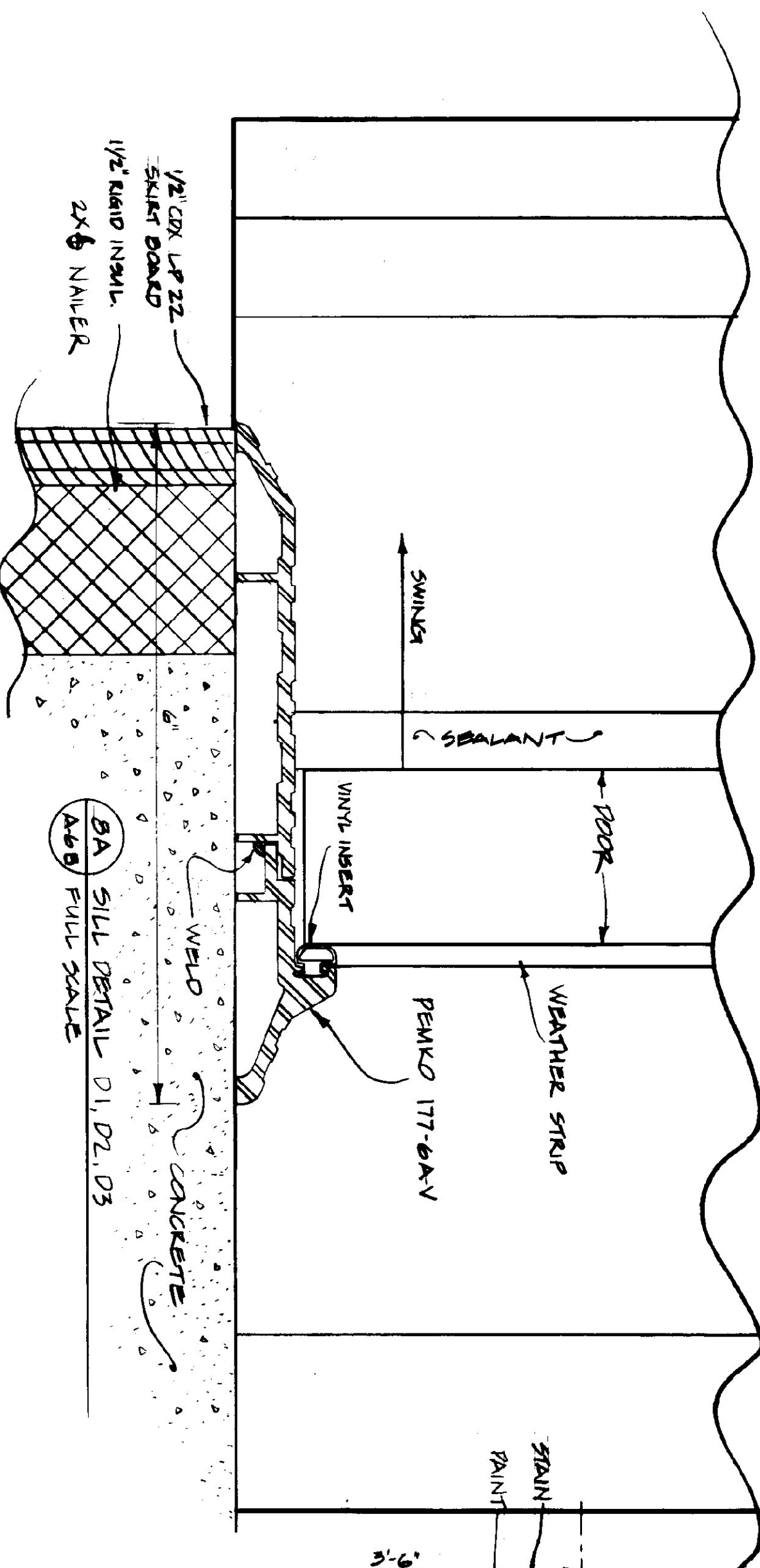
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| STATE OF VERMONT                      |                   |           |                   |
| DIVISION OF STATE BUILDINGS           |                   |           |                   |
| AGENCY OF ADMINISTRATION              |                   |           |                   |
| MONTPELIER, VERMONT                   |                   |           |                   |
| AGENCY OF TRANSPORTATION              |                   |           |                   |
| FIVE BAY GARAGE WITH OFFICE           |                   |           |                   |
| WINDSOR, VT DISTRICT 4                |                   |           |                   |
| WALL SECTIONS / DOOR & WINDOW DETAILS |                   |           |                   |
| DATE<br>AUG 1, 1983                   | SCALE<br>AS NOTED | REVISIONS | DWG. NO.<br>A-6-A |
| DRAWN BY<br>J. BROWN                  | APPROVED BY       |           | 8 OF 12           |



| INTERIOR FINISH SCHEDULE              |                                   |      |       |       |      |       |   |         |                                                                                        |
|---------------------------------------|-----------------------------------|------|-------|-------|------|-------|---|---------|----------------------------------------------------------------------------------------|
| AREA                                  | DOOR                              | CASE | WALLS |       |      |       |   | CEILING | REMARKS                                                                                |
|                                       |                                   |      | WEST  | NORTH | EAST | SOUTH | 0 |         |                                                                                        |
| FIVE BAYS INCLUDING WOOD FINNICE AREA | C                                 | H    | 0     | 0     | 0    | 0     | 0 | C.S.    | PELTONS RETAINED 210 PAINT WITH ONE COAT LATER FINISHED INTERIOR DOOR BY BRULMIN MOORE |
| OFFICE                                | C                                 | H    | 0     | 0     | 0    | 0     | 0 | WD S    | *FIT BASE TO BE USED ON OFFICE BLOCK WALLS EXPOSED TO INSIDE OF GARAGE                 |
| GREASE & OIL STORAGE                  | C                                 | H    | 0     | 0     | 0    | 0     | 0 | WD S    |                                                                                        |
| BATHROOM                              | C                                 | H    | 0     | 0     | 0    | 0     | 0 | WD S    |                                                                                        |
| STORAGE LOFT                          | WD                                | 0    | 0     | 0     | 0    | 0     | 0 | C.S.    |                                                                                        |
| STAIR                                 | STAIN & TWO COATS OF POLYURETHANE |      |       |       |      |       |   |         |                                                                                        |

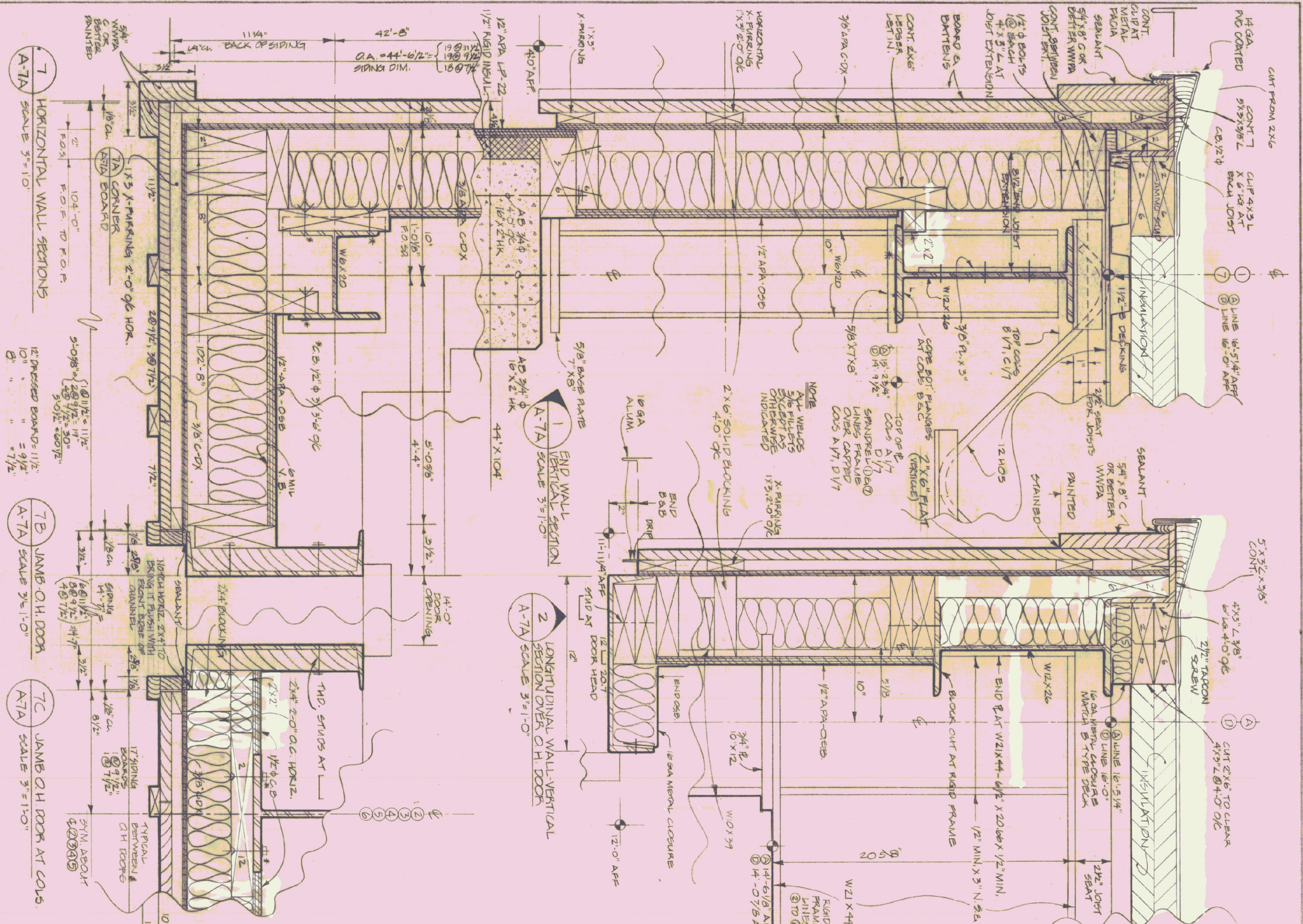
- KEY
- 0 CONSTRUCTION
  - 0 APPLIED FINISH
  - 0 CONCRETE BLOCK
  - 0 CONCRETE
  - 0 SEE CONSTRUCTION SPECIFICATIONS
  - 0 HARDWARE
  - 0 METAL BRACING/STEEL STRUCTURES
  - 0 ORIENTED STRAND BOARD
  - 0 RETAINED 210 - 2 COATS
  - 0 PUT GLAZE
  - 0 STAIN TWO COATS OF SATIN POLYURETHANE
  - 0 THROUGH SYSTEM
  - 0 WOOD BASE
  - 0 WOOD DECK
  - 0 WOOD RAILING

NOTE:  
1. STRUCTURAL STEEL & METAL DECKING TO HAVE SHOP COAT  
2. FIELD TOUCH UP AND TWO COATS SPREADHOS LOUVER ENAMEL  
3. FIT BASE TO BE PRIMER BLOCK FILLER W/2 COATS HIGH SOLID POLYESTER  
4. EPOXY LOUVER SEMI-GLOSS.



|                                        |                |  |  |
|----------------------------------------|----------------|--|--|
| STATE OF VERMONT                       |                |  |  |
| DIVISION OF STATE BUILDINGS            |                |  |  |
| AGENCY OF ADMINISTRATION               |                |  |  |
| MONTPELIER, VERMONT                    |                |  |  |
| AGENCY OF TRANSPORTATION               |                |  |  |
| FIVE BAY GARAGE WITH OFFICE            |                |  |  |
| WINDOOR, VT. DISTRICT 4                |                |  |  |
| EXTERIOR DOOR DETAILS & PAINT SCHEDULE |                |  |  |
| DATE: 04/11/1983                       | SCALE: 1/2\"/> |  |  |

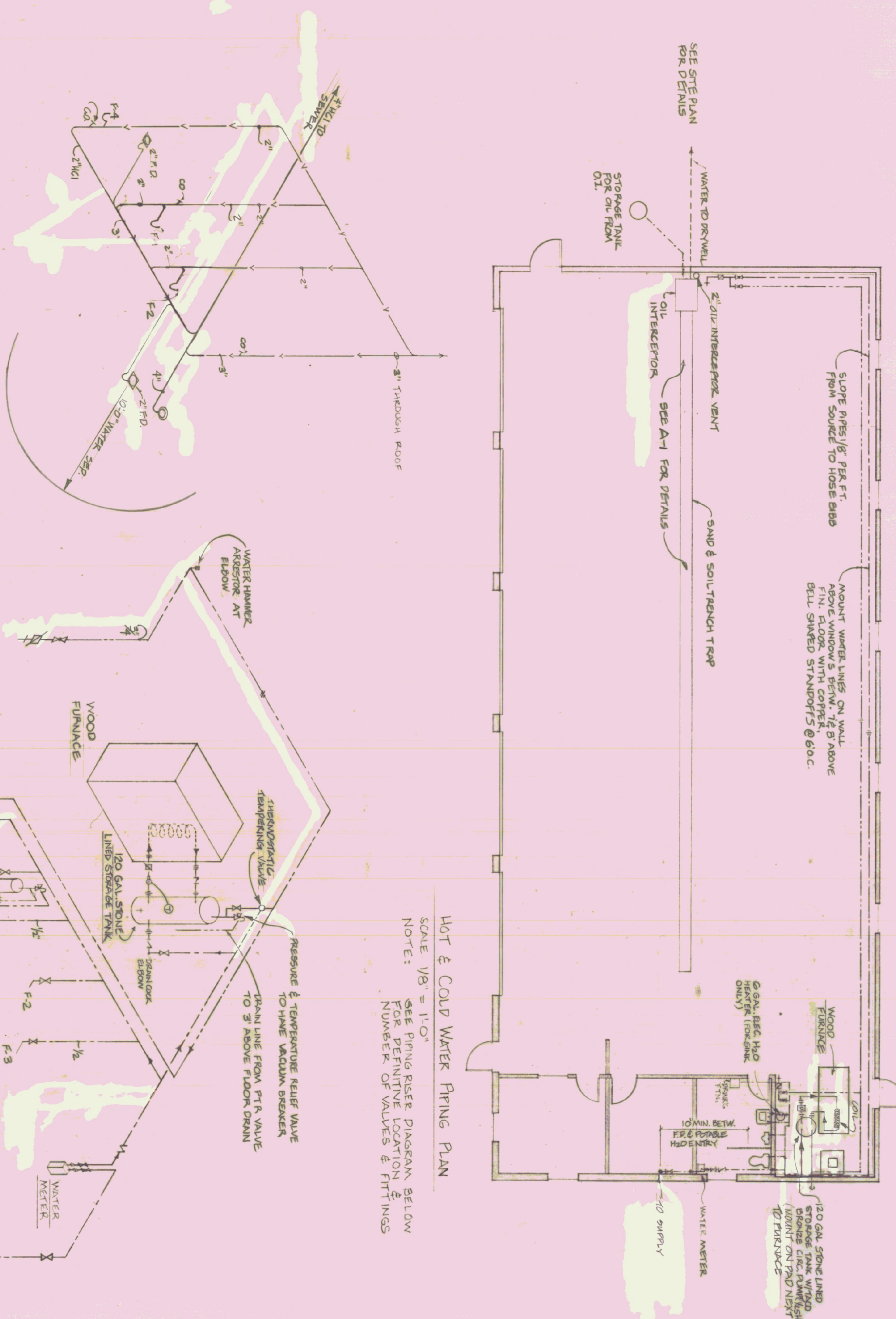
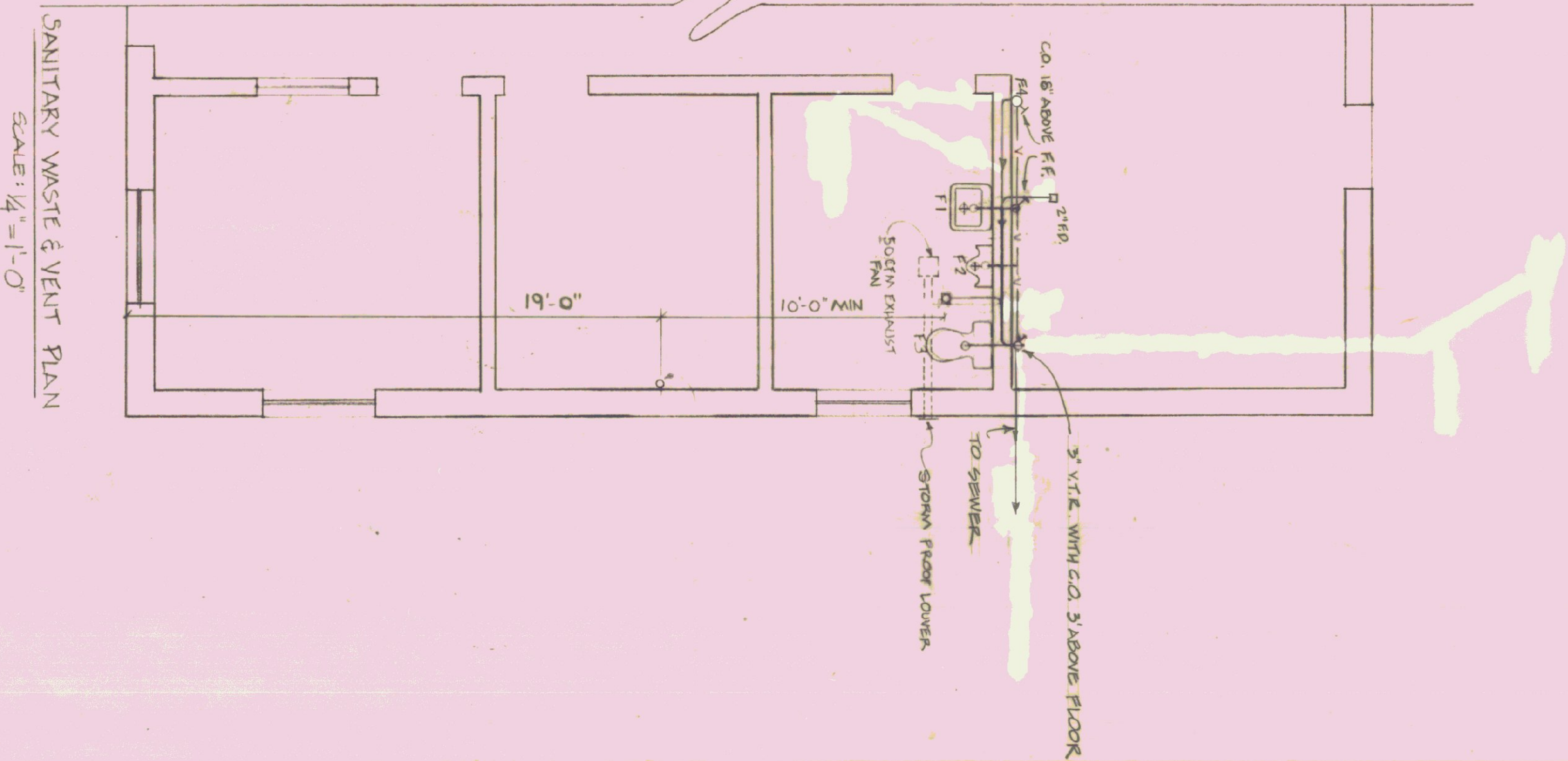




|                             |                 |            |                   |
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| STATE OF VERMONT            |                 |            |                   |
| DIVISION OF STATE BUILDINGS |                 |            |                   |
| AGENCY OF ADMINISTRATION    |                 |            |                   |
| MONTPELIER, VERMONT         |                 |            |                   |
| AGENCY OF TRANSPORTATION    |                 |            |                   |
| FIVE BAY GARAGE WITH OFFICE |                 |            |                   |
| WINDSOR, VT. DISTRICT 4     |                 |            |                   |
| STAIR, LOFT & WALL DETAILS  |                 |            |                   |
| DATE: AUG. 1985             | SCALE: AS NOTED | REVISIONS: | DWG. NO. 10 OF 12 |
| DRAWN BY: A. FOWLIN         | APPROVED BY:    |            |                   |



- FIXTURE SCHEDULE
- F-1 WALL MOUNTED CERAMIC LAVATORY
  - F-2 WALL MOUNTED URINAL WITH VACUUM BREAKER ON FLUSH VALVE
  - F-3 FLOOR MOUNTED CERAMIC TOILET FIXTURE WITH ELONGATED FRONT (18" HIGH)
  - F-4 WALL MOUNTED DRINKING FOUNTAIN



PLUMBING SYMBOLS FOR PIPING, VALVES, & FITTINGS

|                               |                             |
|-------------------------------|-----------------------------|
| COLD WATER                    | □ FLOOR DRAIN WITH "P" TRAP |
| HOT WATER                     | ○ TOILET FLANGE             |
| PTR VALVE WATER               |                             |
| WASTE PIPING                  |                             |
| VENT PIPING                   |                             |
| FLOW DIRECTION                |                             |
| GATE VALVE                    |                             |
| GLOBE VALVE                   |                             |
| CHECK VALVE                   |                             |
| BACKFLOW PREVENTER            |                             |
| PRESSURE & TEMP. RELIEF VALVE |                             |
| WATER HAMMER ARRESTOR         |                             |
| FLOOR CLEANOUT                |                             |
| CLEANOUT UNION                |                             |
| HOSE BIBB                     |                             |
| "P" TRAP                      |                             |

STATE OF VERMONT  
DIVISION OF STATE BUILDINGS  
AGENCY OF ADMINISTRATION  
MONTPELIER.

AGENCY OF TRANSPORTATION  
FIVE BAY GARAGE WITH OFFICE  
WINDSOR, VT. DISTRICT 4

PLUMBING SYSTEM PLAN

DATE: AUG 11, 1988 SCALE: AS NOTED DWG. NO. P-1  
DRAWN BY: JH/STO APPROVED BY: JH/STO 11 OF 12



