

| NAILING SCHEDULE | |
|---|----------------------|
| DESCRIPTION OF FINISH MATERIALS | NUMBER & TYPE FACTOR |
| Joints to sill or girder, see nail | 3-6d |
| Plate to joist or blocking, face nail | 3-6d |
| Joist to plate, face nail | 3-6d |
| Joist to end plate, see nail | 4-6d or 3-16d |
| Double end plate, face nail | 3-16d |
| Double end plate, face nail | 3-16d |
| Top plate, top and intersections, face nail | 3-16d |
| Continued header, one side | 1-6d |
| | 16" o.c. |
| | along each edge |
| Continuous header, top nail | 2-16d |
| Continuous header to stud, see nail | 2-16d |
| Continuous header to stud, face nail | 2-16d |
| Continuous header to stud, face nail | 2-16d |
| Collar joint to parallel joists, face nail | 2-16d |
| Header to plate, see nail | 3-16d |
| Building corner stud | 1-6d |
| | 30" o.c. |
| Building girder and beam | 2-16d |
| | 16" o.c. at top |
| | 16" o.c. at bottom |
| | along each edge |
| Roof rafters to ridge, valley | 2-16d |
| at hip rafters | 2-16d |
| face nail | 2-16d |

GENERAL NOTES

1. **LIVE LOADS** (Basic Snow)..... 30 psf
 (Basic Wind)..... 30 psf
 (Basic Seismic)..... 0 psf
 First Floor (On Grade)..... 100 psf

2. **FOUNDATION NOTES**

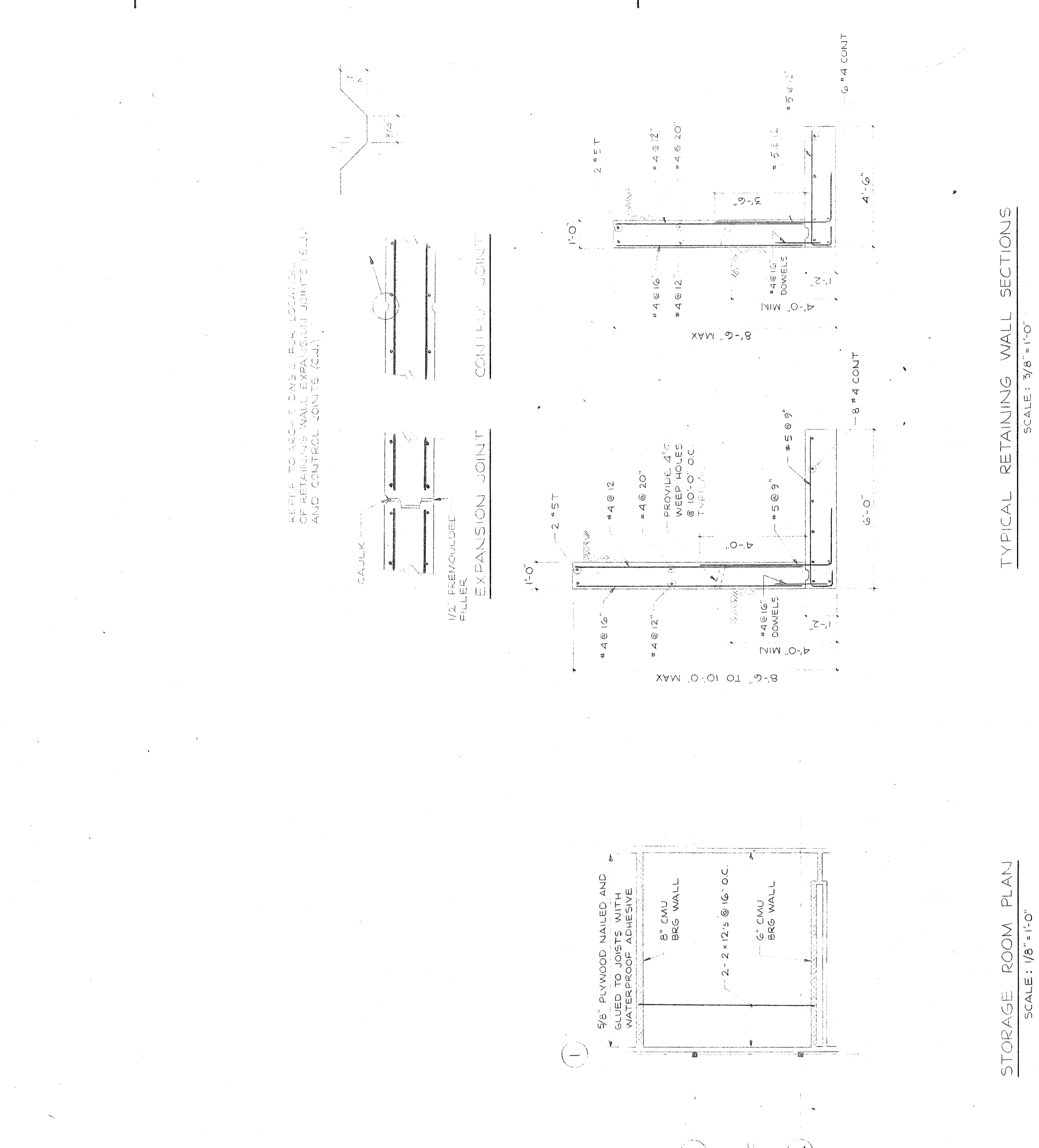
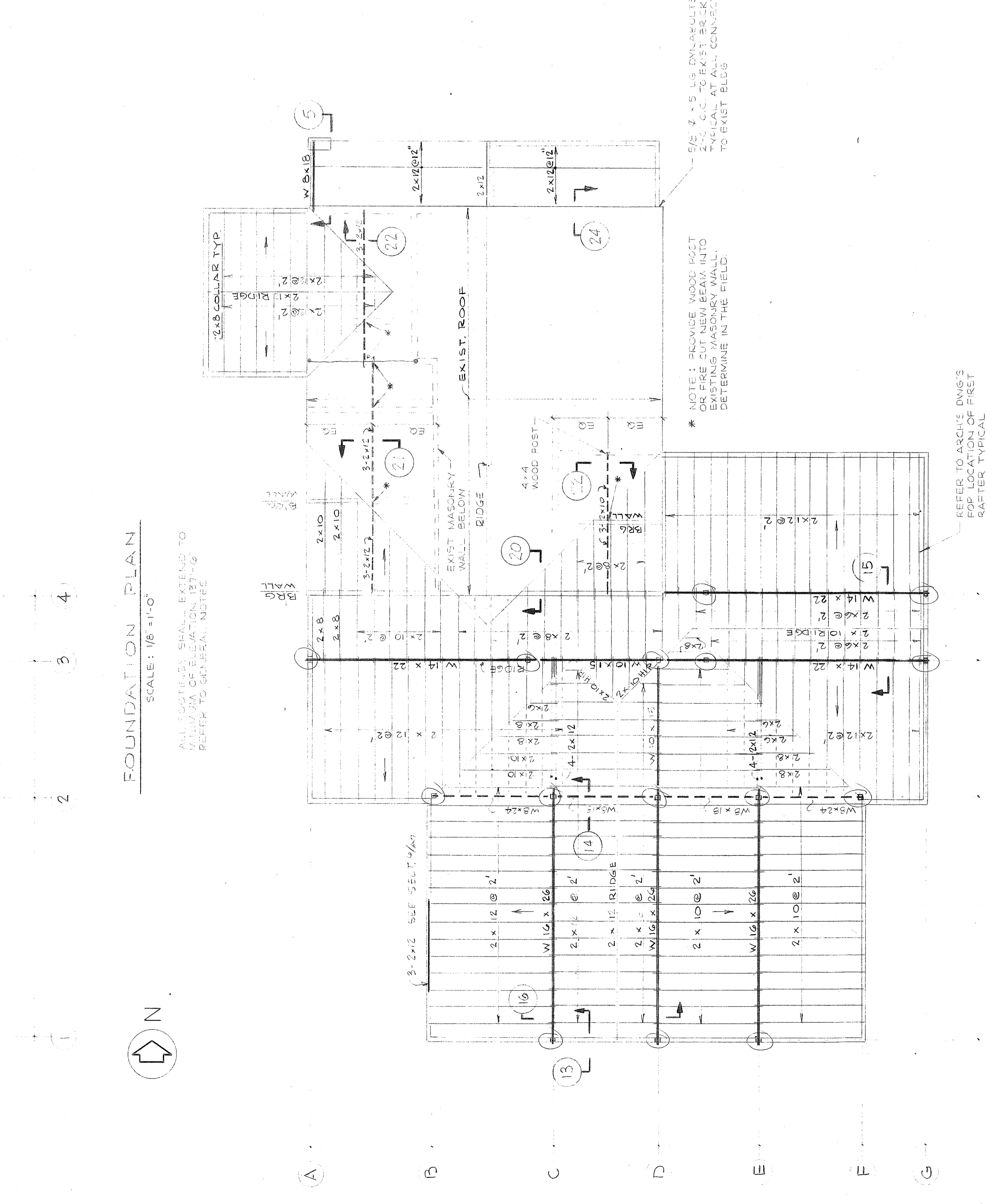
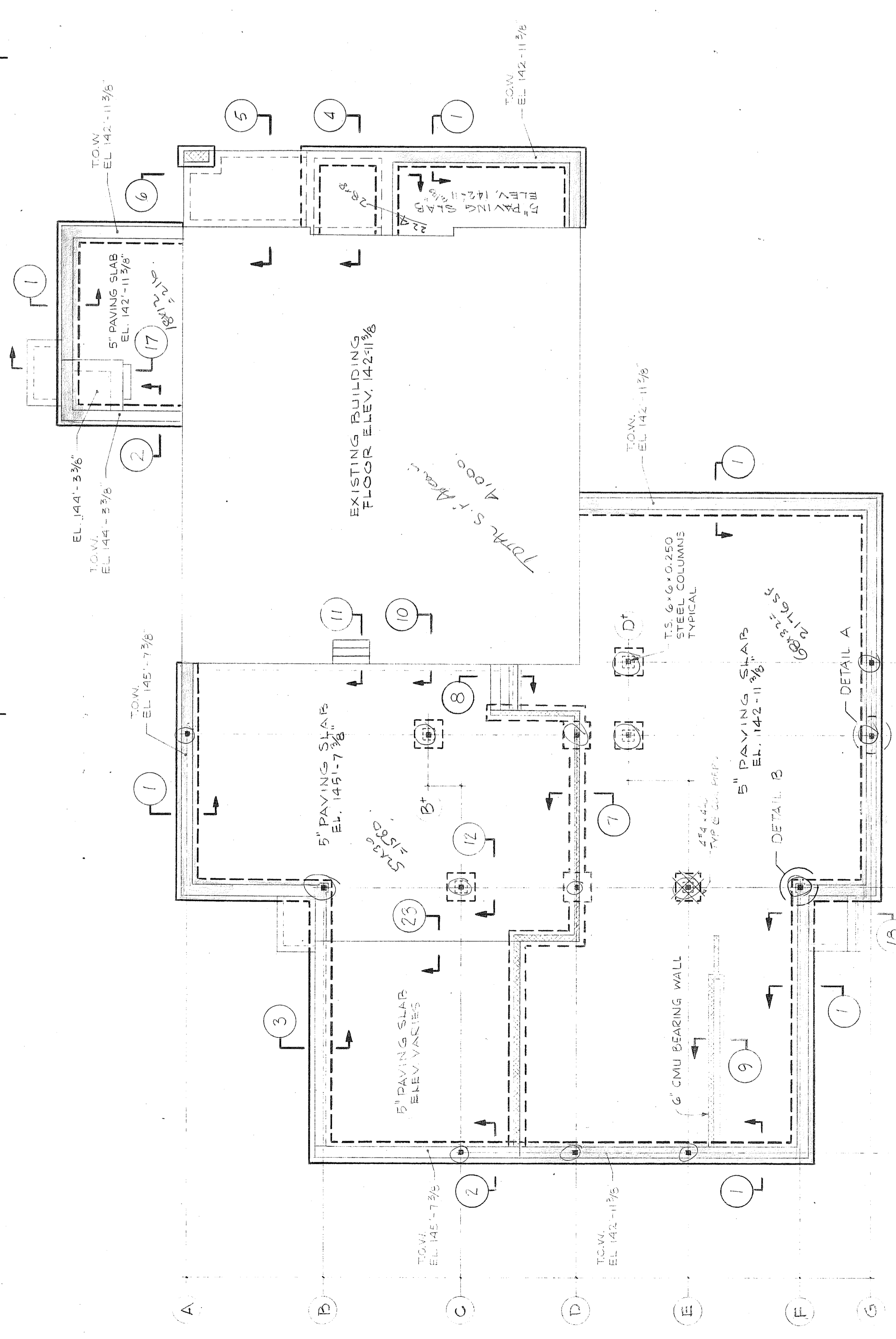
1. Foundations shall be designed for maximum soil bearing pressures of 3.0 ksf. Footings must rest on undisturbed soil or compacted fill approved by the Engineer for the design load. No footing shall have its base higher than that of any nearby footings or other excavation by more than half the horizontal distance between them unless otherwise shown on the Drawings.
2. Backfill shall consist of well-graded sand and gravel and shall be placed exceeding 90% to 95% of the modified AASHTO test for maximum layers not exceeding 8" of well compacted, clean, coarse sand and gravel and moisture barrier under all slabs on grade, and other service as required.
3. Four courses in level courses and with construction joints vertical or as indicated on the Structural Drawings.
4. As indicated on the Structural Drawings.
5. No concrete shall be placed on frozen ground or in the presence of water.

CONCRETE NOTES

1. Concrete exposed to weather. Strength at 28 days. 4000 psi Air-Entrained Concrete shall be used and shall be proportioned, mixed and placed in accordance with the American Concrete Institute. All other concrete shall be proportioned, mixed and placed in accordance with the American Concrete Institute.
2. All concrete work shall conform to the Building Code Requirements for Reinforced Concrete of the American Concrete Institute.
3. Concrete placed against formwork.
4. Formed concrete exposed to earth, weather or water, 2".
5. Floors laid on sand, gravel, or stone fill, 1 1/2". Specifications for minimum yield point.
6. Reinforcing bars in slabs and beams shall be lapped 36 diameters at 4' o.c.
7. Reinforcing bars in foundation walls shall be continuous. Use lapped splices as required. Submit satisfactory placement drawings and bending details for approval before fabrication.

STRUCTURAL STEEL NOTES

1. Steel shall conform to ASTM Standard Specification A-36, "Steel for Structural Purposes, Carbon Steel, Plates and Shapes," and shall conform to the latest Standard Specification of the American Institute of Steel Construction.
2. No fabrication shall be started until Shop Drawings covering the work have been approved by the Architect in writing.
3. All framing members shall conform to the National Design Specifications for Steel Grade Lumber and its fastenings with a maximum moisture content 19%.
4. Stress Grade: Except as noted, all lumber shall be as follows:
 a. Horizontal Shear..... 170 psi single member use
 b. Modulus of Elasticity..... 1,200,000 psi
 c. Plywood sheathing, roofs and sloping soffits are designed as designed and at 12" o.c. at intermediate framing members.
 d. All wood shall rest on concrete shall be pressure treated with preservative in accordance with recommended practices as specified in American Wood-Products' Absorption Standards.
5. Under no circumstances shall the construction load on new or existing concrete be increased without specific written permission from the Architect.



| REV. NO. | DESCRIPTION | DATE | BY |
|----------|-------------------|------|----|
| | EXISTING BUILDING | | |

U.S. ROUTE 20

KEY PLAN

ALTERATIONS & ADDITIONS
POLICE STATION
SUBURRY, MASS.

KUBITZ & PEPI
ARCHITECTS, INC.
66 CENTRAL STREET, WELLESLEY, MASS.

FOUNDATION AND ROOF FRAMING PLANS

SCALE AS NOTED

CONTRACT

DATE 25-AUG-88

DRAWING NO

DR BY WJB

CH BY JPB

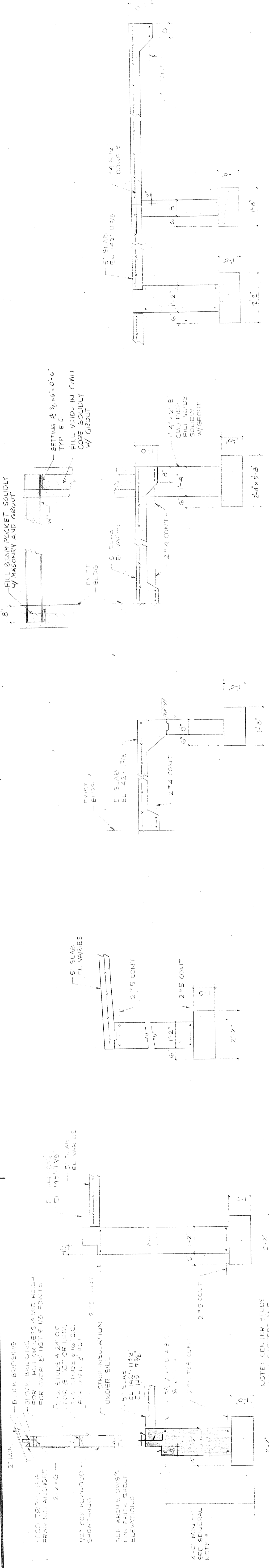
SHEET 17 OF 28

S1

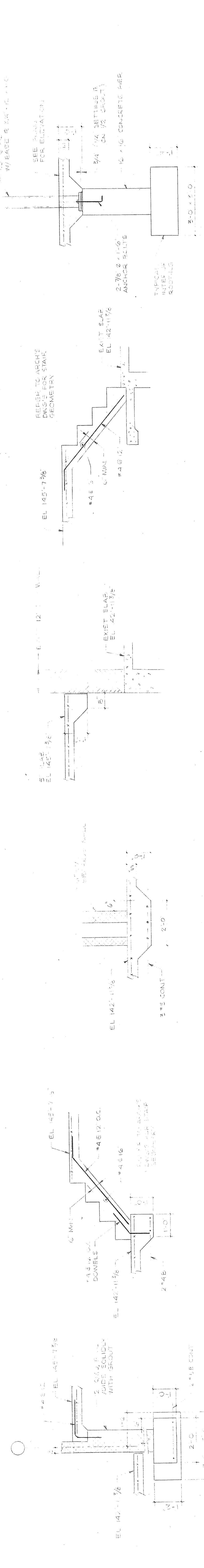
BOLTON & DIMARTINO, INC.
Structural Engineers
200 Main Street
Wellesley, Massachusetts

GENERAL NOTES

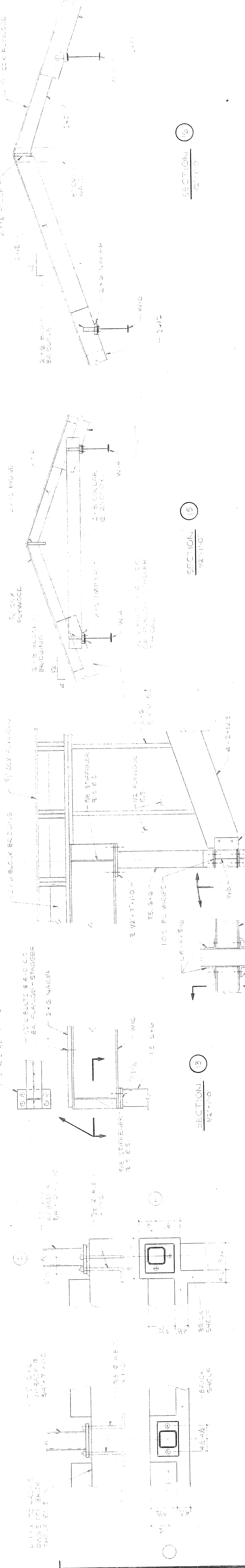
1. CONTRACTOR VERIFY ALL DIMENSIONS AT BUILDING



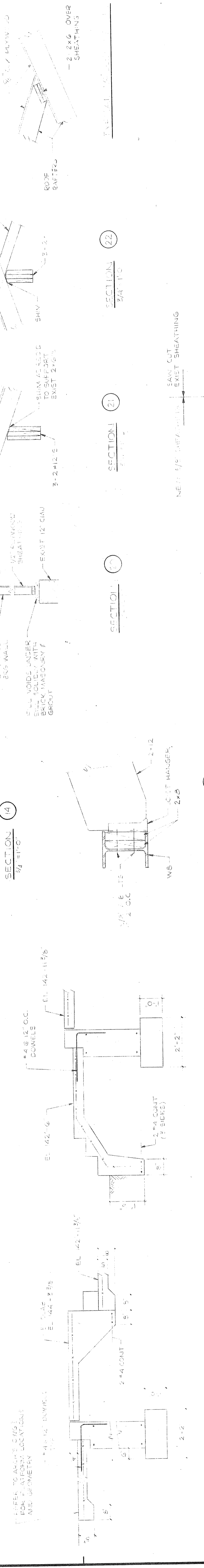
SECTION 1 1/2" x 1'-0" SECTION 2 1/2" x 1'-0" SECTION 3 1/2" x 1'-0" SECTION 4 1/2" x 1'-0" SECTION 5 1/2" x 1'-0"



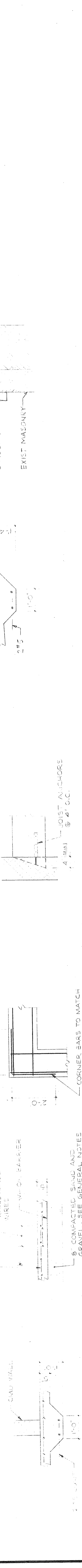
SECTION 6 1/2" x 1'-0" SECTION 7 1/2" x 1'-0" SECTION 8 1/2" x 1'-0" SECTION 9 1/2" x 1'-0" SECTION 10 1/2" x 1'-0" SECTION 11 1/2" x 1'-0" SECTION 12 1/2" x 1'-0"



SECTION 13 1/2" x 1'-0" SECTION 14 1/2" x 1'-0" SECTION 15 1/2" x 1'-0" SECTION 16 1/2" x 1'-0" SECTION 17 1/2" x 1'-0" SECTION 18 1/2" x 1'-0" SECTION 19 1/2" x 1'-0" SECTION 20 1/2" x 1'-0"



SECTION 21 1/2" x 1'-0" SECTION 22 1/2" x 1'-0" SECTION 23 1/2" x 1'-0" SECTION 24 1/2" x 1'-0" SECTION 25 1/2" x 1'-0" SECTION 26 1/2" x 1'-0"



SECTION 27 1/2" x 1'-0" SECTION 28 1/2" x 1'-0" SECTION 29 1/2" x 1'-0" SECTION 30 1/2" x 1'-0"

| | | | |
|----------|-------------|------|----|
| REV. NO. | DESCRIPTION | DATE | BY |
| | | | |

U.S. ROUTE 20

EXISTING BUILDING

KEY PLAN

N

ALTERATIONS & ADDITIONS
POLICE STATION
SUDBURY, MASS.

KUBITZ & PEPI
ARCHITECTS, INC.
66 CENTRAL STREET, WELLESLEY MASS.

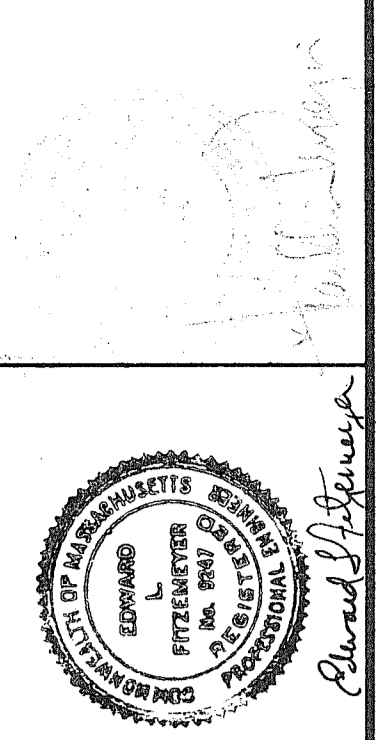
SCALE: AS SHOWN
DATE: 08-05-2008
DRAWING NO: **S2**
DR BY: JWB
CH BY: JWB
SHEET 16 OF 28

SECTIONS AND DETAILS

BOLTON & DIMARTINO, INC.
Structural Engineers
Worcester, Massachusetts

GENERAL NOTES
 1. CONTRACTOR VERIFY ALL DIMENSIONS AT BUILDING

| REV. NO. | DESCRIPTION | DATE | BY |
|----------|-------------|------|----|
| | | | |



ALTERATIONS & ADDITIONS
 POLICE STATION
 SUDBURY, MASS.

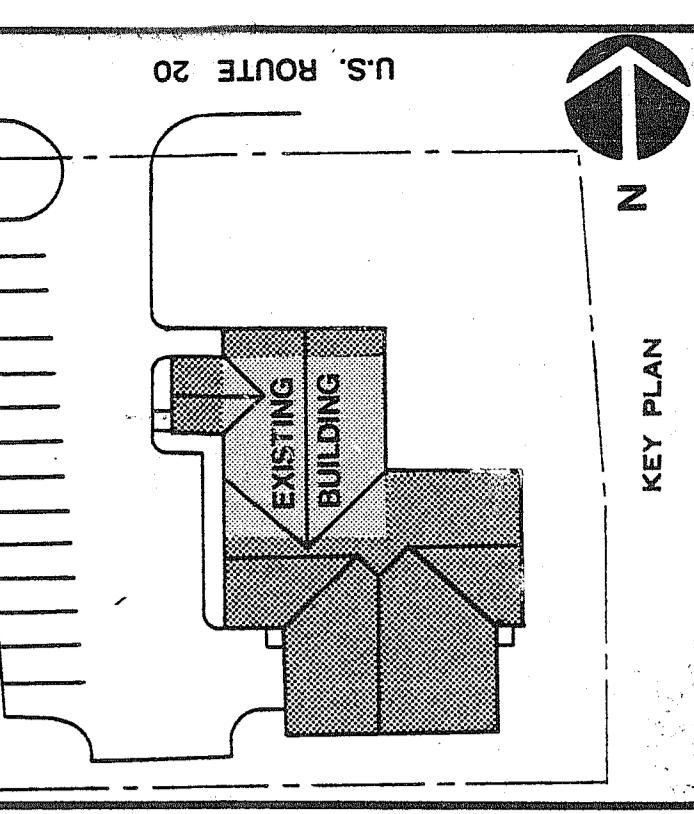
KUBITZ & PEPI
 ARCHITECTS, INC.
 66 CENTRAL STREET WELLESLEY MASS.

| | |
|--------------------|------------|
| FLOOR PLAN | |
| SCALE 1/4" = 1'-0" | CONTRACT |
| DATE AUG 26, 1980 | DRAWING NO |
| DR BY | H7 |
| CH BY | |
| SHEET 22 OF 28 | |



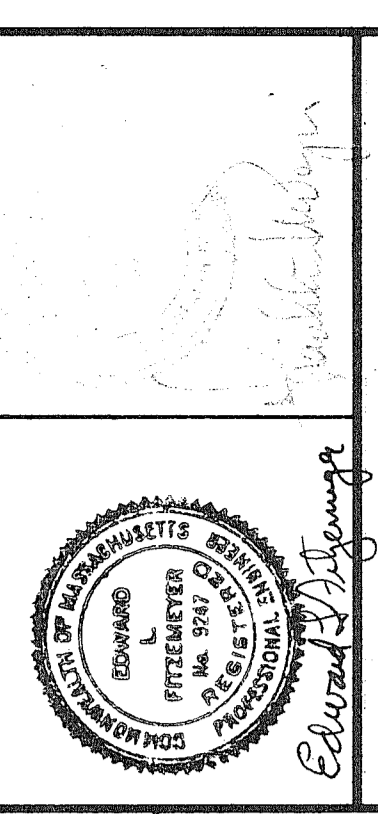
LEGEND
 H.W.S. HOT WATER SUPPLY
 H.W.R. HOT WATER RETURN
 C.A.T.E. COND. AIR TO EXHAUST
 E.E. EXHAUST GRILLE
 E.R. EXHAUST REGISTER
 S.E. SUPPLY REGISTER
 R.G. RETURN GRILLE

PART BOILER RM. PLAN
 1/4" = 1'-0"



GENERAL NOTES
1. CONTRACTOR VERIFY ALL DIMENSIONS AT BUILDING

| REV. NO. | DESCRIPTION | DATE | BY |
|----------|-------------|------|----|
| | | | |

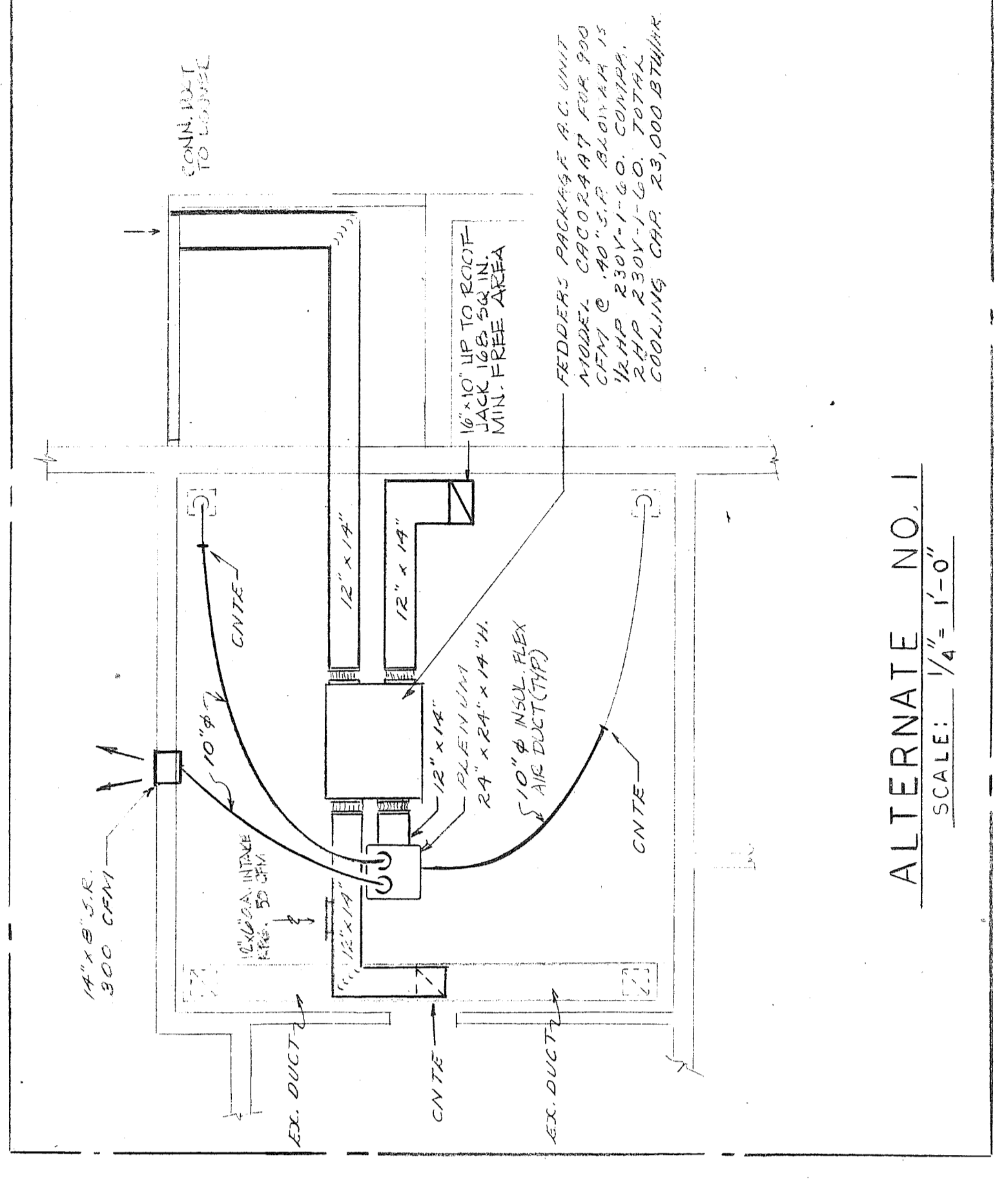
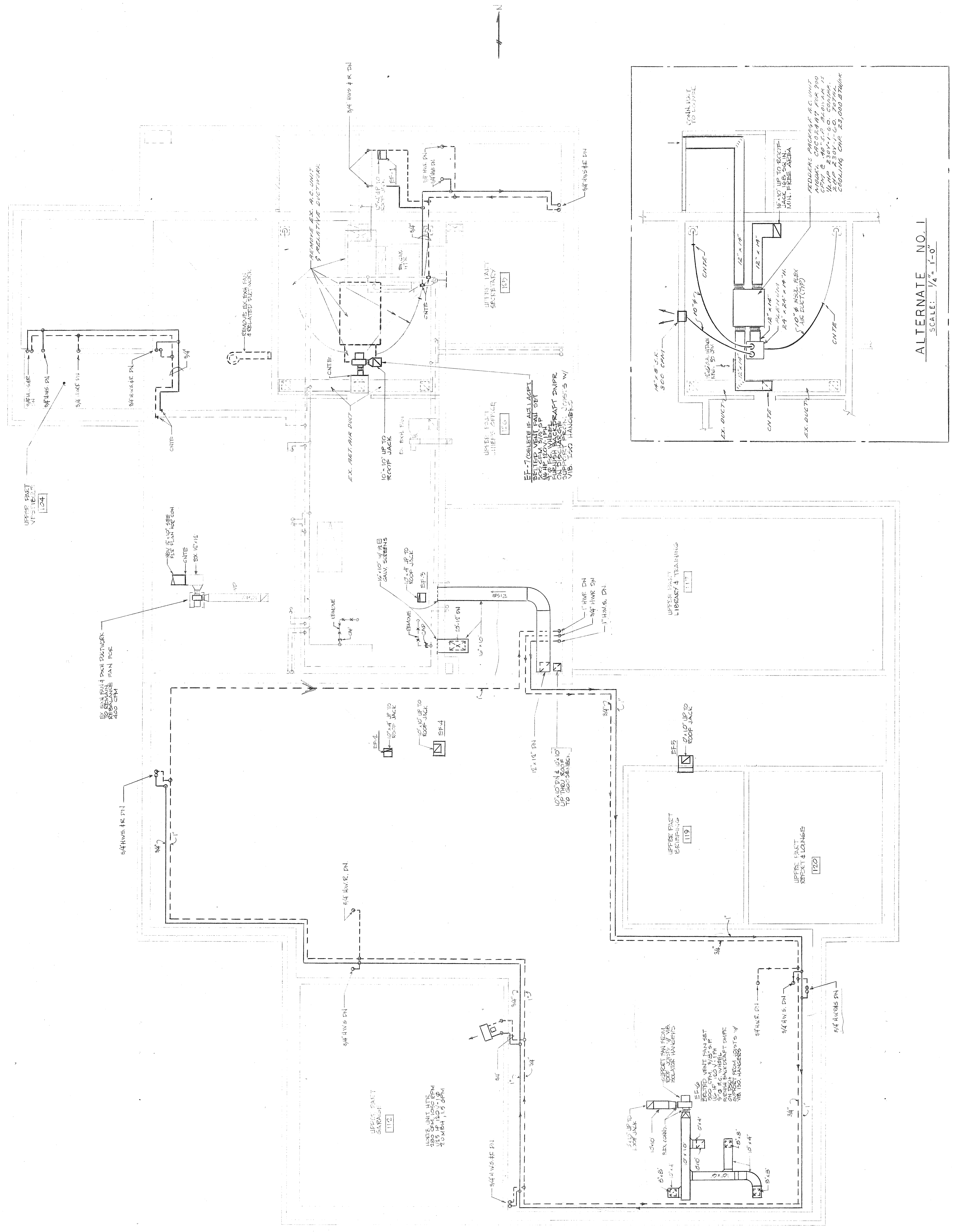


ALTERATIONS & ADDITIONS
POLICE STATION
SUDBURY, MASS.

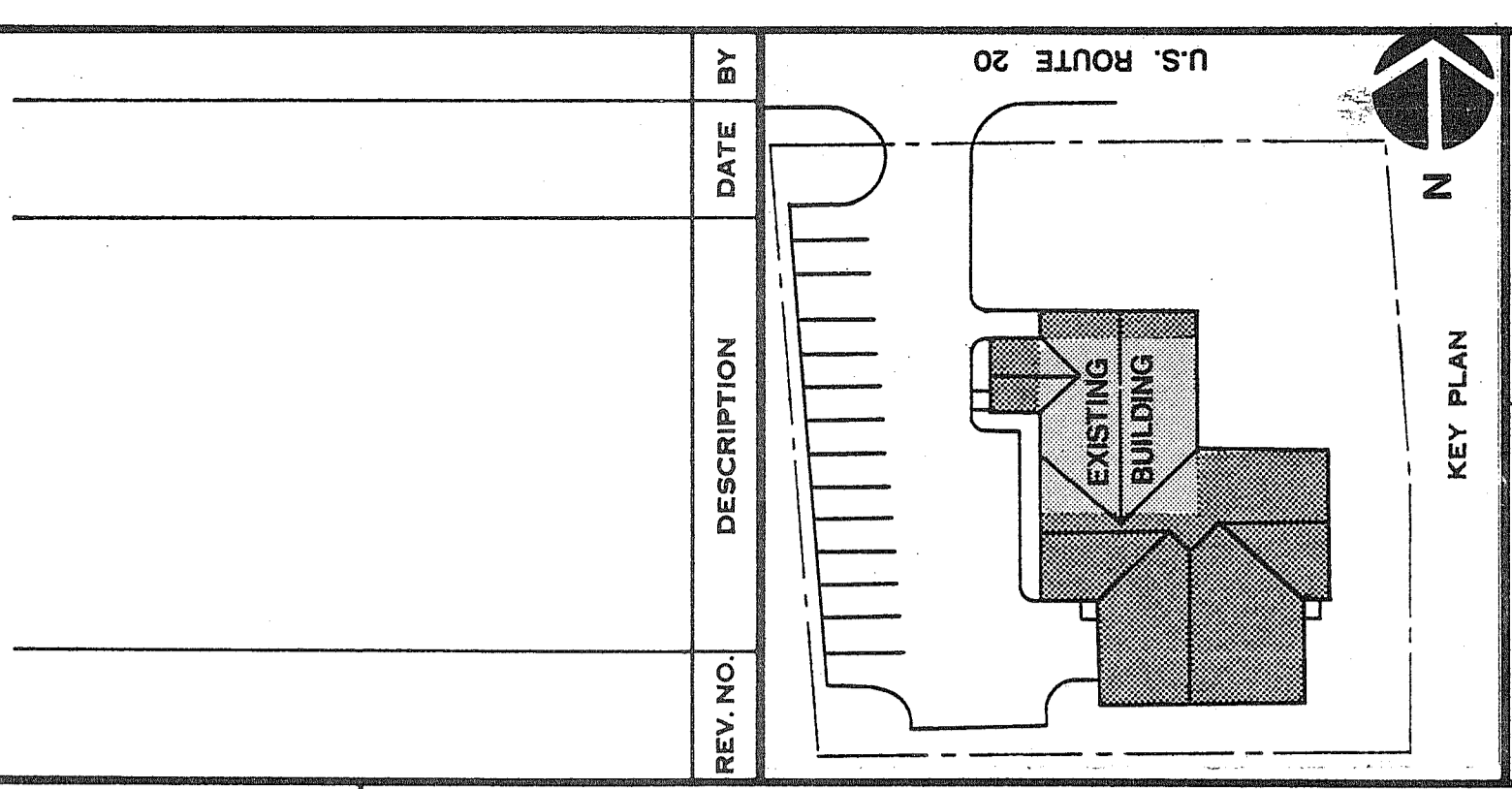
KUBITZ & PEPI
ARCHITECTS, INC.
66 CENTRAL STREET WELLESLEY, MASS.

ATTIC LEVEL PLAN

| | |
|---------------------|-------------|
| SCALE: 1/4" = 1'-0" | CONTRACT |
| DATE: AUG. 05, 1980 | DRAWING NO. |
| DR BY | |
| CH BY | |
| H2 | |
| SHEET 03 OF 08 | |



ALTERNATE NO. 1
SCALE: 1/4\"/>



GENERAL NOTES
1. CONTRACTOR VERIFY ALL DIMENSIONS AT BUILDING

FIN TUBE RADIATION SCHEDULE

| SYM | SERIES | ELEMENT | NOOF TUBES HIGH | COVER | AMT BTU/L.F. | NOOF TUBES HIGH | COVER | AMT BTU/L.F. | TOTAL ACTIVE MBH. | NOOF TUBES HIGH | COVER | AMT BTU/L.F. | TOTAL ACTIVE MBH. | REMARKS |
|-----|--------|-------------|-----------------|-------|--------------|-----------------|-------|--------------|-------------------|-----------------|-------|--------------|-------------------|---------|
| 1 | DS | 1/4" S/N 33 | 18" | 1 | 1800 | 6'-0" | 1 | 1800 | 3.45 | 0'-15" | 1 | 1800 | 3.45 | |
| 2 | | | 18" | | | 6'-0" | | | 4.14 | 0'-15" | | | 4.14 | |
| 3 | | | 18" | | | 1'-6" | | | 1.71 | 0'-23" | | | 1.71 | |
| 4 | | | 18" | | | 3'-6" | | | 2.41 | 0'-32" | | | 2.41 | |
| 5 | | | 18" | | | 14'-0" | | | 9.66 | 1'-18" | | | 9.66 | |
| 6 | | | 18" | | | 7'-6" | | | 5.24 | 0'-70" | | | 5.24 | |
| 7 | | | 18" | | | 7'-0" | | | 4.85 | 0'-64" | | | 4.85 | |
| 8 | | | 18" | | | 6'-0" | | | 4.14 | 0'-55" | | | 4.14 | |
| 9 | | | 18" | | | 6'-0" | | | 4.14 | 0'-55" | | | 4.14 | |

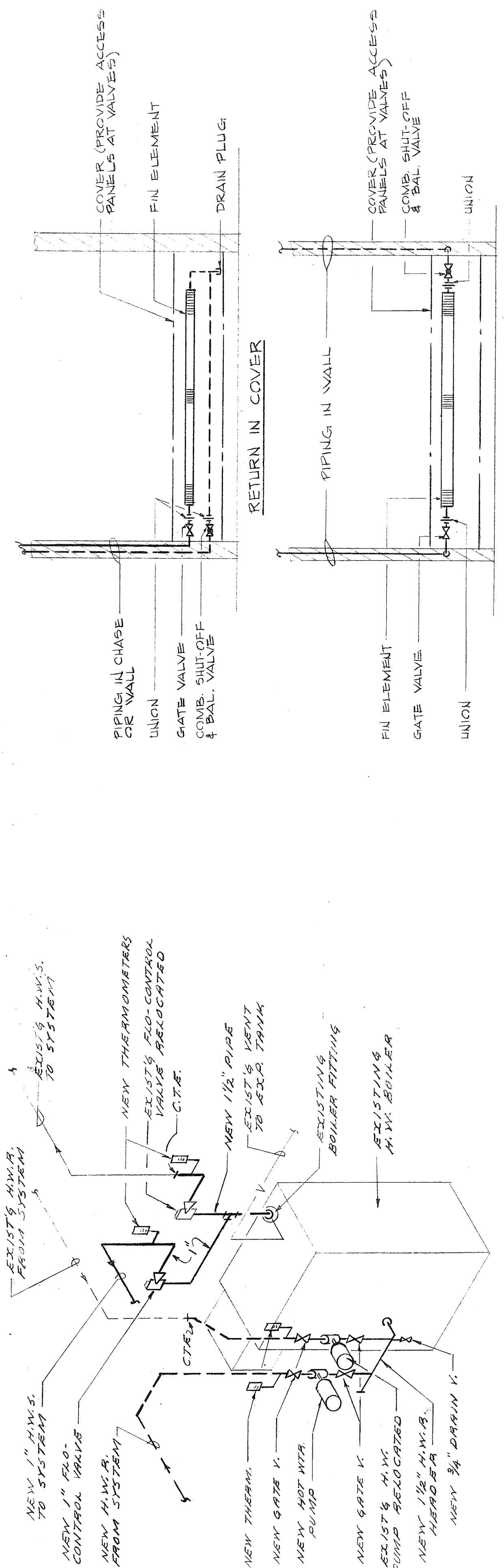
1. N.T.D. = 15°F

EXHAUST FAN SCHEDULE

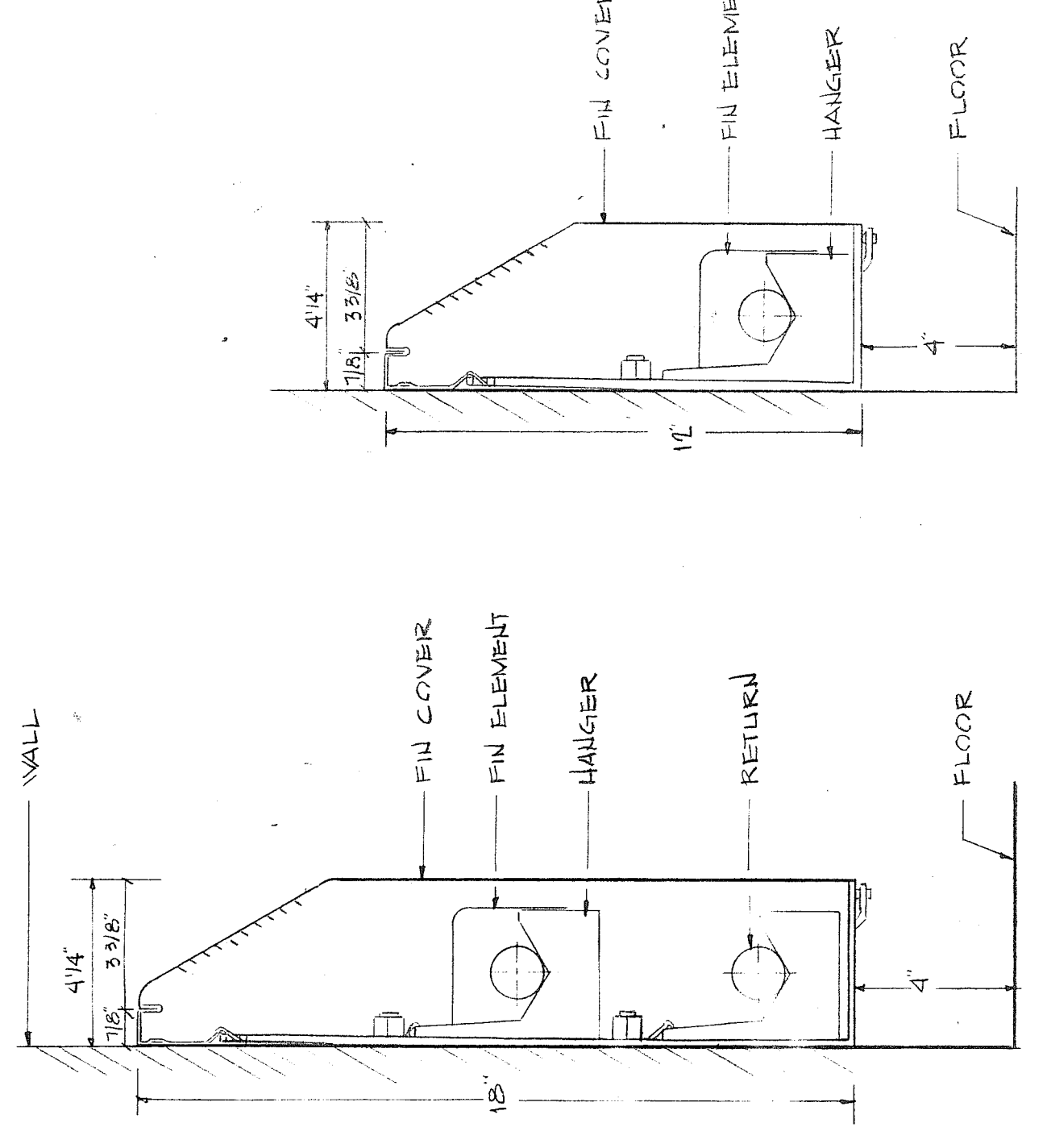
| FAN NO. | MODEL | C.F.M. | R.P.M. | S.P. | ELEC CHARACTERISTIC | TYPE | SERVING | REMARKS |
|---------|------------------------|--------|--------|------|---------------------|------|--------------|---------|
| EF-1 | SP-B | 85 | 1050 | 1/8" | 115 | 1 | TOILET 102 | |
| EF-2 | SP-B | 85 | 1050 | 1/8" | 115 | 1 | MEMS 115 | |
| EF-3 | SP-B | 85 | 1050 | 1/8" | 115 | 1 | NOBURN 130 | |
| EF-4 | SP-BD | 440 | 1050 | 1/2" | 115 | 1 | PRODMB 114 | |
| EF-5 | SP-BD | 440 | 1050 | 1/2" | 115 | 1 | BERDFANS 119 | |
| EF-6 | REFER TO PLAN DWG. H-1 | | | | | | WALL | |
| EF-7 | REFER TO PLAN DWG. H-2 | | | | | | RM 108 | |

BASED ON GREENHECK FAN CORR

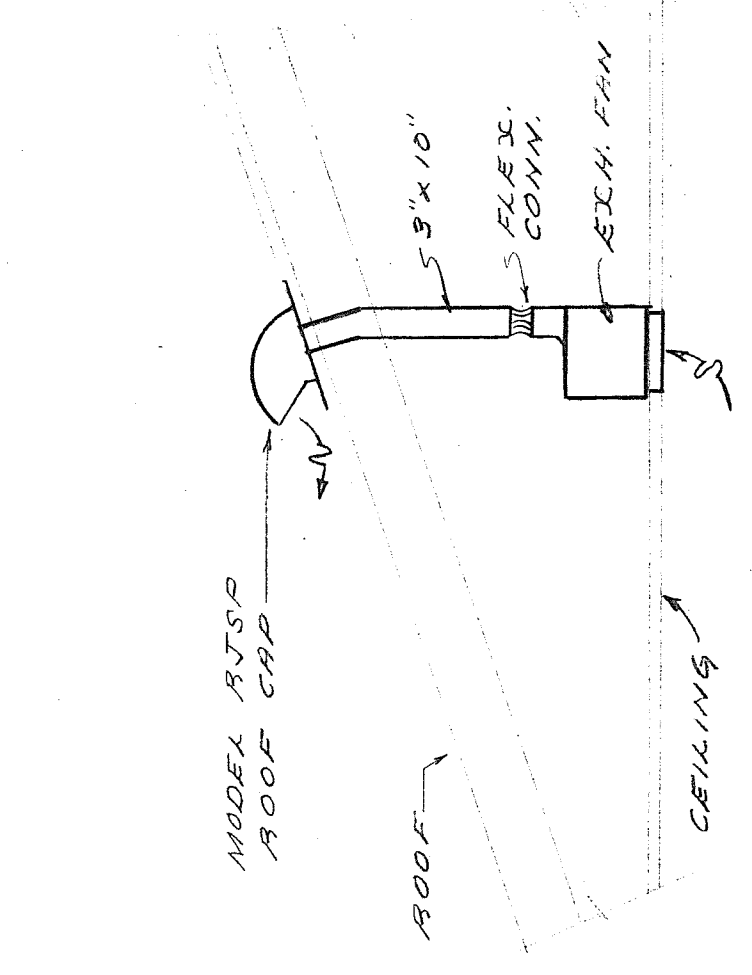
NEW HOT WATER PUMP
 INLINE CIRCULATOR: BIG-SERIES 60
 7-4 GPM @ 20 FT HD
 1/4" P, 120V, 1PH, 6.5 HZ



NEW PIPING ARRANGEMENT TO H.W. BOILER
NO. SCALE



FIN RADIATION PIPING DETAIL
NO. SCALE



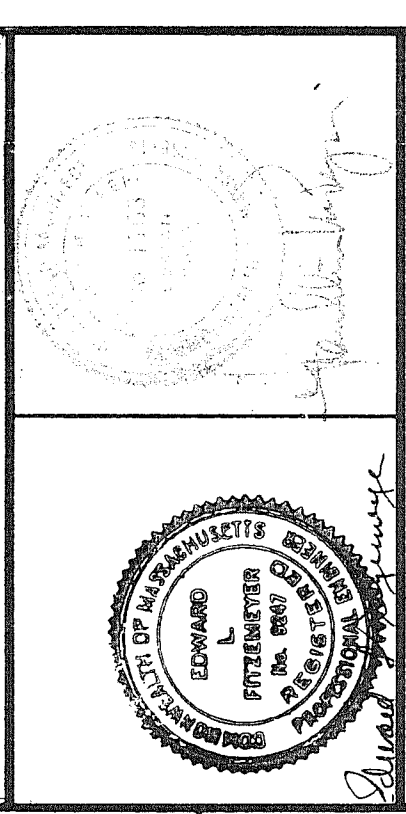
EXHAUST FAN DETAIL
NO. SCALE

18\"/>HIGH COVERS

DETAIL AT FIN TUBE RADIATION

10\"/>HIGH COVER

| REV. NO. | DESCRIPTION | DATE | BY |
|----------|-------------|------|----|
| | | | |



ALTERATIONS & ADDITIONS
POLICE STATION
SUDBURY, MASS.

KUBITZ & PEPI
 ARCHITECTS, INC.
 66 CENTRAL STREET, WELLESLEY, MASS.

SCHEDULES DETAILS

| SCALE AS NOTED | CONTRACT |
|--------------------|-------------|
| DATE AUG. 28, 1960 | DRAWING NO. |
| DR BY | |
| CH BY | |
| SHEET 24 OF 25 | |

H3