

VILLAGE OF CALUMET, DDA  
AGNITZ BUILDING STRUCTURAL STABILIZATION  
VILLAGE OF CALUMET, MICHIGAN



ENGINEERING  
ARCHITECTURE  
PLANNING  
SURVEYING  
ENVIRONMENTAL

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PROJECT TITLE:  
AGNITZ BUILDING  
STRUCTURAL  
STABILIZATION

OWNER:  
VILLAGE OF  
CALUMET, DDA

PROJECT LOCATION:  
427 FIFTH STREET  
VILLAGE OF  
CALUMET

REVISIONS 05/11/11  
KNHP REVIEW 04/21/11  
ISSUED FOR: DATE:

PROJECT NO: C09-11238  
DESIGNED BY: GAK  
DRAWN BY: MEP  
CHECKED: GAK  
APPROVED: GAK

TITLE

G001

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YELLOW JACKET  
NEIGHBORHOOD

CALUMET LAKE/  
RECREATION AREA

PROJECT LOCATION

BLUE JACKET  
NEIGHBORHOOD

AGASSIZ PARK

ARMORY

VICINITY MAP



INDEX OF SHEETS

SHEET	DESCRIPTION
G001	TITLE
S101	BASEMENT PLAN/FIRST FLOOR FRAMING
S102	FIRST FLOOR PLAN/SECOND FLOOR FRAMING
S103	SECOND FLOOR PLAN/ROOF FRAMING
S104	ROOF PLAN
S105	BUILDING SECTION

- GENERAL WOOD FRAMING:
- ALL TREATED LUMBER SHALL BE SOUTHERN YELLOW PINE (SYP) NO. 2 GRADE OR BETTER. ALL TREATED LUMBER SHALL BE IN ACCORDANCE WITH ANPA SPECIFICATIONS FOR TREATED LUMBER AND SHALL HAVE A MINIMUM RETENTION OF 0.4 FOR ABOVE GROUND USE AND 0.60 RETENTION FOR BELOW GRADE OR DIRECT EXPOSURE TO FRESHWATER.
  - ALL FRAMING MEMBERS SHALL BE SPRUCE-PINE-FIR (SPF) NO. 2 GRADE OR BETTER, UNLESS A BETTER SPECIES AND GRADE IS SHOWN ON THE CONSTRUCTION PLANS.
  - ALL 5/8 CDX WALL SHEATHING SHALL BE NAILED WITH 8d NAILS AT 4"O.C. SHALL BE BLOCKED AT PANEL EDGES WITH 2x4's (MINIMUM).
  - ALL LAMINATED-VENEER-LUMBER (LVL) SHALL HAVE THE MINIMUM FOLLOWING STRUCTURAL PROPERTIES:  
A.  $F_b > 2800$  P.S.I.  
B.  $F_v > 285$  P.S.I.  
C.  $E > 2.0 \times 10^6$  P.S.I.



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PROJECT TITLE:  
**AGNITZ BUILDING  
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OWNER:  
**VILLAGE OF  
CALUMET, DDA**

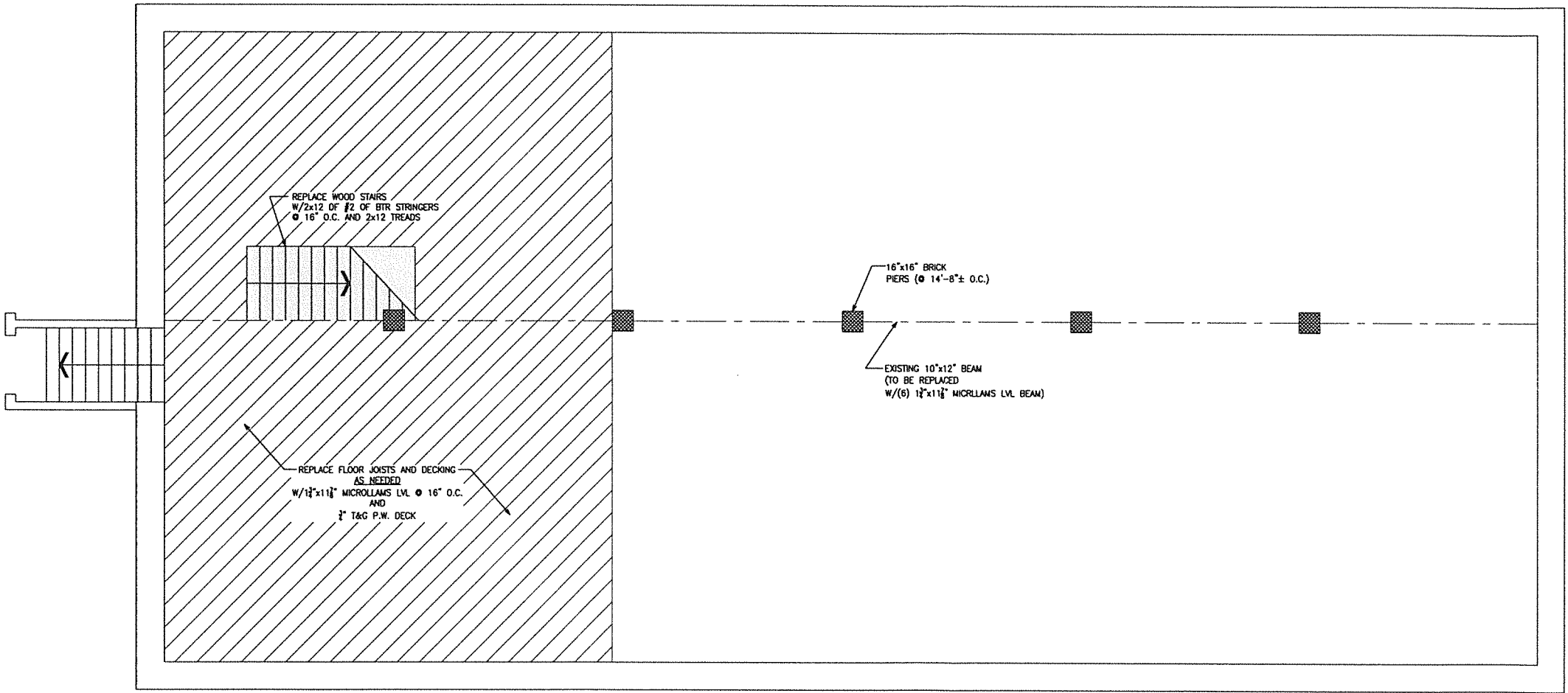
PROJECT LOCATION:  
**427 FIFTH STREET  
VILLAGE OF  
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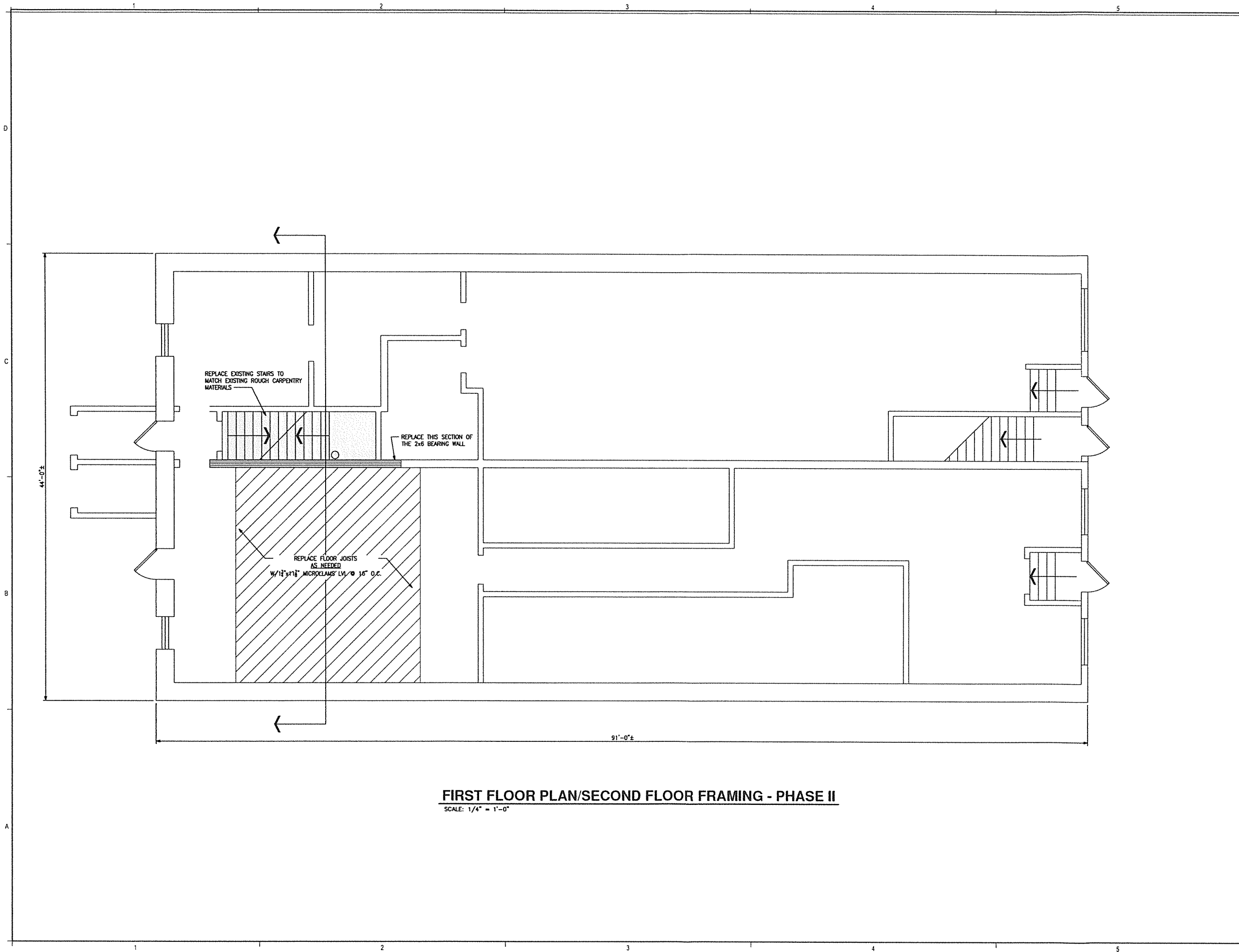
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**BASEMENT PLAN  
FIRST FLOOR FRAMING**

**S101**



**BASEMENT PLAN/FIRST FLOOR FRAMING - PHASE II**  
SCALE: 1/4" = 1'-0"



**FIRST FLOOR PLAN/SECOND FLOOR FRAMING - PHASE II**  
SCALE: 1/4" = 1'-0"



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**FIRST FLOOR PLAN  
SECOND FLOOR FRAMING**

**S102**



- STEEL:**
1. ALL STRUCTURAL STEEL BEAMS, COLUMNS, H-PILING, ANGLES, PLATES, ETC. SHALL BE IN ACCORDANCE WITH ASTM A572 GRADE STEEL, (Fy=50 K.S.I.) ALL STRUCTURAL TUBING SHALL BE ASTM A500 GRADE B. ALL STEEL PIPE SHALL BE ASTM A501, SCHEDULE 40.
  2. ALL BOLT MATERIALS SHALL BE ASTM A325 FOR STRUCTURAL CONNECTIONS, AND ASTM A307 FOR ANCHOR BOLT CONNECTIONS AND FOR WOOD CONNECTIONS. ALL BOLTS SHOWN ON THE CONSTRUCTION PLANS AS BEING GALVANIZED SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A123 OR ASTM A153 AFTER FABRICATION.
  3. ALL WELDING SHALL HAVE A MINIMUM TENSILE STRENGTH OF 70 K.S.I. (E70 ELECTRODE) USING THE SHIELDED METAL ARC WELDING PROCESS (SMAW) AND IN ACCORDANCE WITH AWS SPECIFICATIONS. ANY OTHER SIZE OF ELECTRODE OR ANY OTHER TYPE OF WELDING PROCESS MUST BE APPROVED BY THE ENGINEER PRIOR TO USE.



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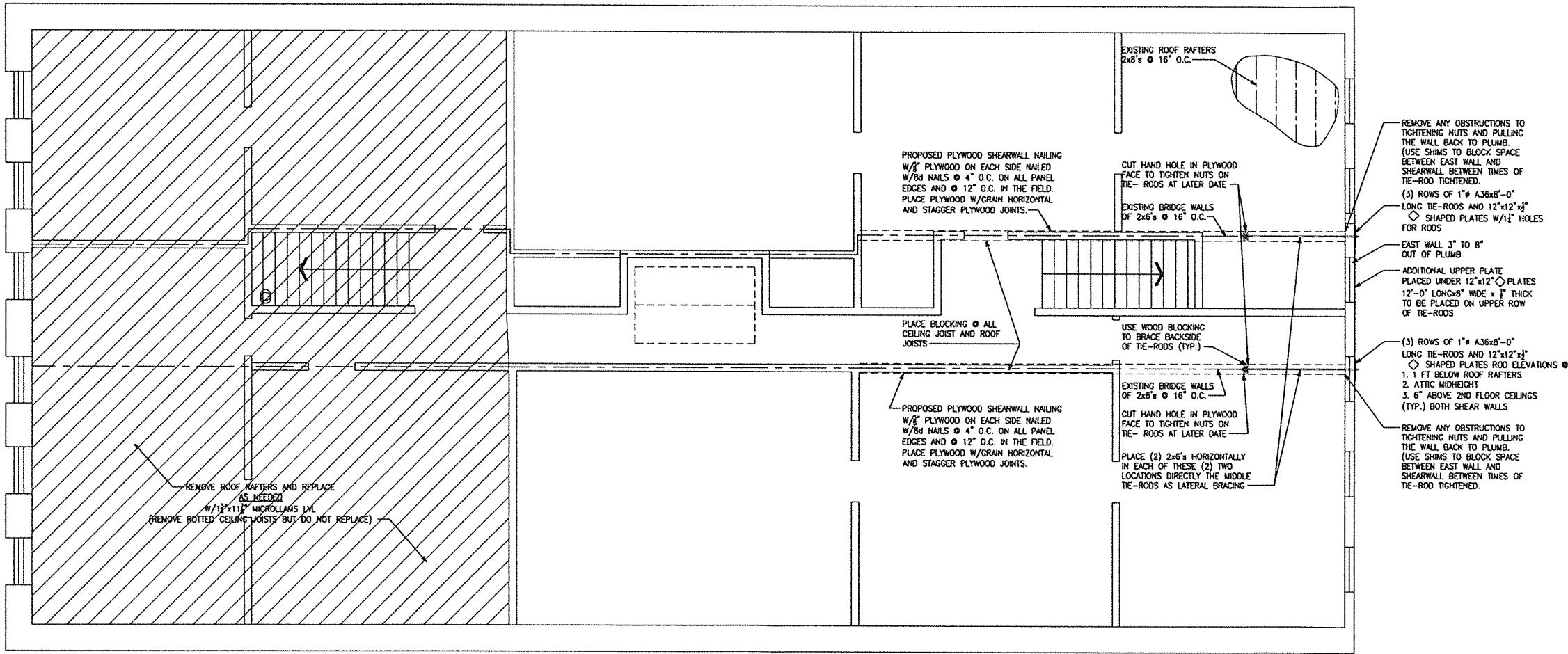
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**SECOND FLOOR PLAN  
ROOF FRAMING**

**S103**

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**SECOND FLOOR PLAN ROOF FRAMING - PHASE I**

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



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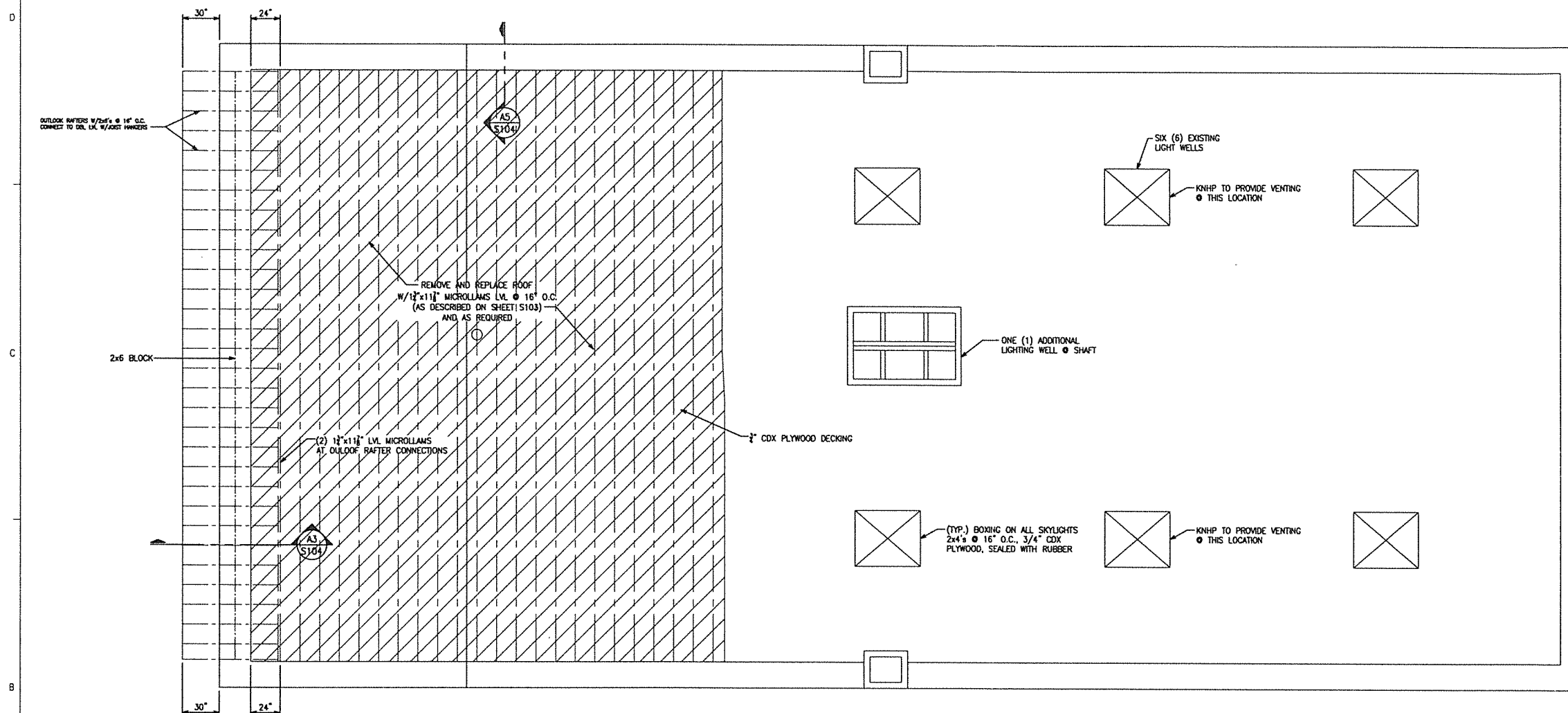
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ROOF PLAN

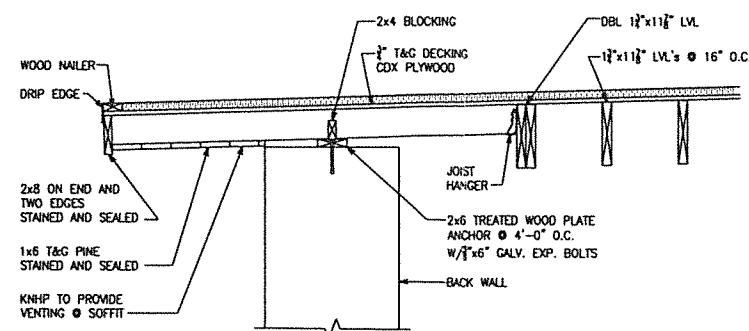
**S104**

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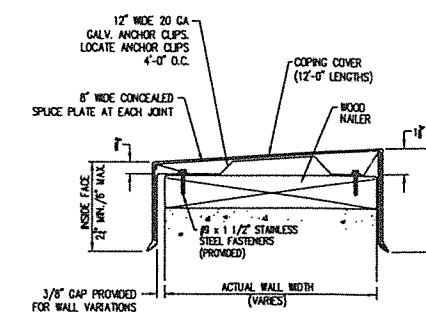
**ROOF PLAN - PHASE I**

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



**EAVE DETAIL**

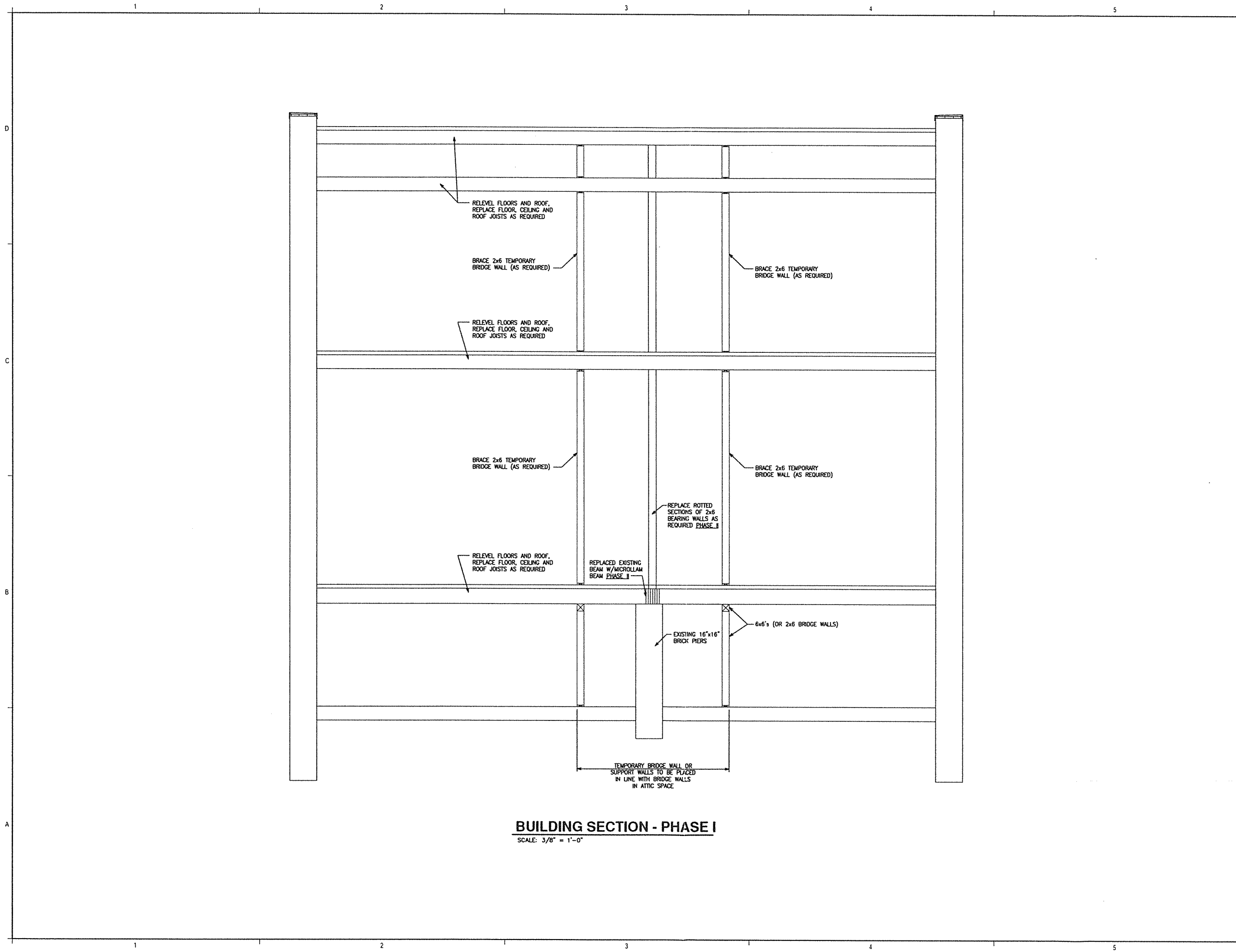
SCALE: 3/4" = 1'-0"




PERMA-TITE COPING - LARGER THAN 16" WALL, TAPERED

**PARAPET DETAIL**

NOT TO SCALE





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**BUILDING SECTION**

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