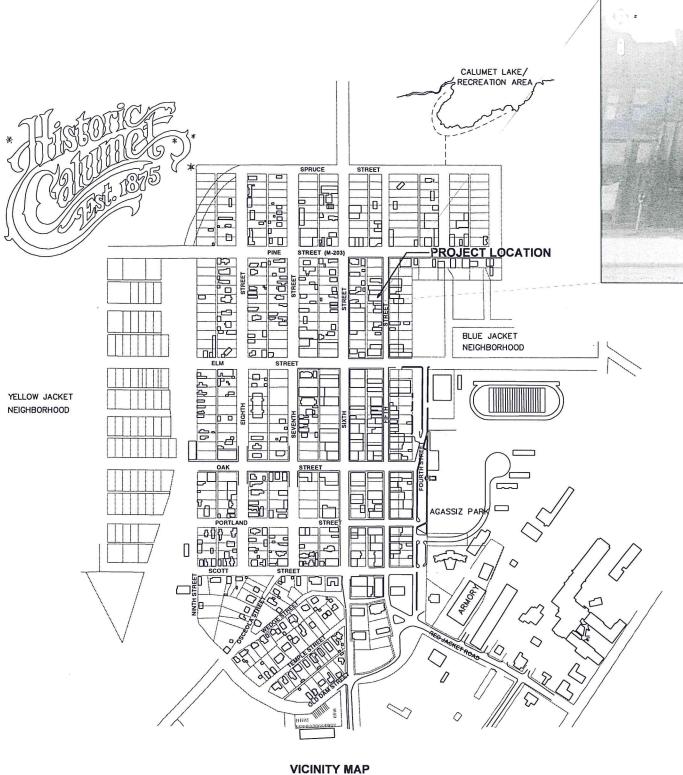
VILLAGE OF CALUMET, DDA AGNITZ BUILDING STRUCTURAL STABILIZATION VILLAGE OF CALUMET, MICHIGAN





UPEA ENGINEERS & ARCHITECTS

ENGINEERING ARCHITECTURE PLANNING SURVEYING

> 100 PORTAGE STREET HOUGHTON, MI 49931

102 W, WASHINGTON, SUITE : MARQUETTE, MI 49855

2906 N. STEPHENSON AVE. SUITE IRON MOUNTAIN, MI 49801

707 ASHMUN STREET

1701 DUNLAP AVE. SUITE B MARINETTE, WI 54143

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:

	INDEX OF SHEETS	PROJECT NO:	C09-11238	
SHEET	DESCRIPTION	DESIGNED BY: DRAWN BY:	GAK MEP	
G001	TITLE	CHECKED:	GAK	
S101	BASEMENT PLAN/FIRST FLOOR FRAMING	APPROVED:	GAK	
S102	FIRST FLOOR PLAN/SECOND FLOOR FRAMING			
S103	SECOND FLOOR PLAN/ROOF FRAMING			
S104	ROOF PLAN		TITLE	
S105	BUILDING SECTION			

G001

GENERAL WOOD FRAMING:

- ALL TREATED LUMBER SHALL BE SOUTHERN YELLOW PINE (SIP) NO. 2 GRADE OR BETTER ALL TREATED LUMBER SHALL BE IN ACCORDANCE WITH AMPA SPECIFICATIONS FOR TREATED LUMBER AND SHALL HAVE A MINHAUM 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 COX WALL SHEATHING SHALL BE MAKED WITH 8d NARLS AT 4"O.C. SHALL BE BLOCKED AT PANEL EDGES WITH 2x4"8 (WINMUM).
- ALL LAWINATED-VENEER-LUMBER (LVL) SHALL HAVE THE MINIMUM FOLLOWING STRUCTURAL PROPERTIES: $A = Fb > 2800 \ P.S.L \\ E = Fv > 285 \ P.S.L \\ C = E > 2.0 \ E^2 \ P.S.L$



ARCHITECTURE PLANNING SURVEYING ENVIRONMENTAL

102 W. WASHINGTON, SUITE 217 MARQUETTE, M 49855 (906) 228-6061

2906 N, STEPHENSON AVE, SUITE 2 IRON MOUNTAIN, MI 4980 1 (906) 563-5407

707 ASHMUN STREET SAULT STE, MARIE, MI 49783 (906) 635-0511

1701 DUNLAP AVE, SUITE B MARINETTE, WI 54143 (715) 732-4188

PROJECT TITLE:

AGNITZ BUILDING STRUCTURAL **STABILIZATION**

VILLAGE OF CALUMET, DDA

PROJECT LOCATION:

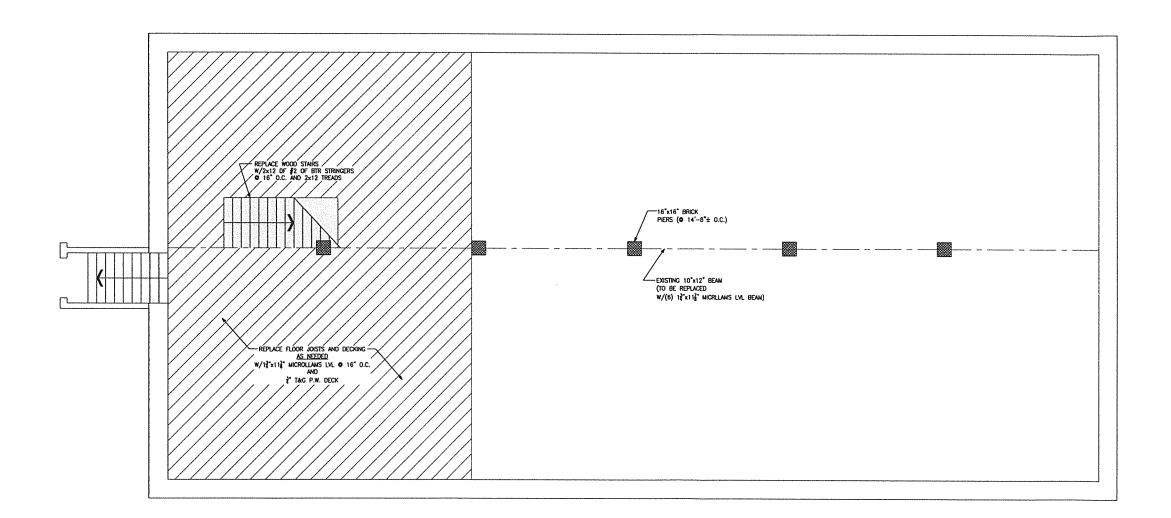
427 FIFTH STREET VILLAGE OF CALUMET

REVISIONS 05/11/11 KNHP REVIEW 04/21/11

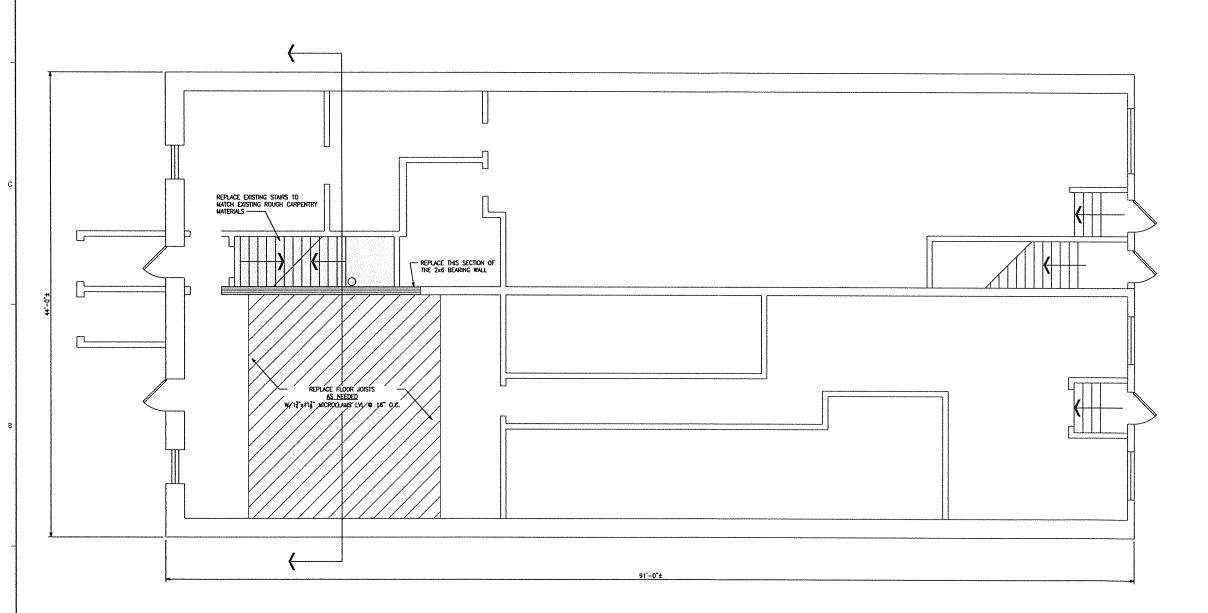
PROJECT NO: C09-11238 DESIGNED BY: DRAWN BY: MEP CHECKED: APPROVED:

BASEMENT PLAN FIRST FLOOR FRAMING

S101



BASEMENT PLAN/FIRST FLOOR FRAMING - PHASE II



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



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AGNITZ BUILDING STRUCTURAL **STABILIZATION**

VILLAGE OF CALUMET, DDA

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427 FIFTH STREET VILLAGE OF CALUMET

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DESIGNED BY:	GAK
DRAWN BY:	MEP
CHECKED:	GAK
APPROVED:	GAK

FIRST FLOOR PLAN SECOND FLOOR FRAMING

S102

STEEL:

- ALL STRUCTURAL SIEEL BEAUS, COLUMNS, H-PLUNG, ANGLES, PLATES, ETC. SHALL BE IN ACCORDANCE WITH ASTM AS72 GRADE STEEL (Fy=50 K.S.I.) ALL STRUCTURAL TURBIGS STRUCTURAL SCHEDULE 40.
- 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 CALVANIZED IN ACCORDANCE WITH ASTM A123 OR ASTM A153 AFTER FERBOCKORD.
- 3. ALL WELDING SHALL HAVE A MINIMUM TENSUE STRENGTH OF 70 K.S.I. (E70 ELECTRODE) USING THE SHELDED 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 PROOF TO USE.

REMOVE ANY OBSTRUCTIONS TO TIGHTENING NUTS AND PULLING THE WALL BACK TO PLUMB. (USE SHIMS TO BLOCK SPACE BETWEEN EAST WALL AND SHEARWALL BETWEEN TIMES OF TIE-ROO TIGHTENED.

(3) ROWS OF 1"# A36x8'-0"

-- EAST WALL 3" TO 8" OUT OF PLUMB

-LONG TIE-RODS AND 12"x12"x1"

SHAPED PLATES W/11" HOLES
FOR RODS

(3) ROWS OF 1"# A36x8'-0"



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

> GAK GAK

SECOND FLOOR PLAN **ROOF FRAMING**

S103

— (3) KOWS OF 19 A ASS2 — (1)
LONG DE-RODS AND 12 "x12" x1"

SHAPED PLATES ROD ELEVATIONS (1)
1 FT BELOW ROOF RAFTERS
2. ATTIC MIDHEIGHT
3. 6" ABOVE 2ND FLOOR CEILINGS
(TYP.) BOTH SHEAR WALLS PROPOSED PLYWOOD SHEARWALL NAILING W/#" PLYWOOD ON EACH SIDE NAILED W/88 NAILS © 4" O.C. ON ALL PANEL EDGES AND © 12" O.C. IN THE FIELD. PLACE PLYWOOD W/GRUN HORZONTAL AND STAGGER PLYWOOD JOINTS. CUT HAND HOLE IN PLYWOOD FACE TO TIGHTEN NUTS ON TIE— RODS AT LATER DATE—— -- REMOVE ANY OBSTRUCTIONS TO TIGHTENING NUTS AND PULLING THE WALL BACK TO PLUMB. (USE SHAIS TO BLOCK SPACE BETWEEN EAST WALL AND SHEARWALL BETWEEN TIMES OF TIE-ROO TIGHTENED. PLACE (2) 2x6's HORIZONTALLY IN EACH OF THESE (2) TWO LOCATIONS DIRECTLY THE MIDDLE TIE-RODS AS LATERAL BRACING — REVISIONS 05/11/11 KNHP REVIEW 04/21/11 ISSUED FOR: DATE: SCALE: 1/4" = 1'-0" PROJECT NO: C09-11238 DESIGNED BY: GAK DRAWN BY: MEP CHECKED: APPROVED:

EXISTING ROOF RAFTERS 2x8's 0 16" O.C.

CUT HAND HOLE IN PLYWOOD FACE TO TIGHTEN NUTS ON TIE- RODS AT LATER DATE —

EXISTING BRIDGE WALLS OF 2x6's @ 16" O.C.

USE WOOD BLOCKING TO BRACE BACKSIDE OF TIE-RODS (TYP.) —

EXISTING BRIDGE WALLS

PROPOSED PLYWOOD SHEARWALL NAILING

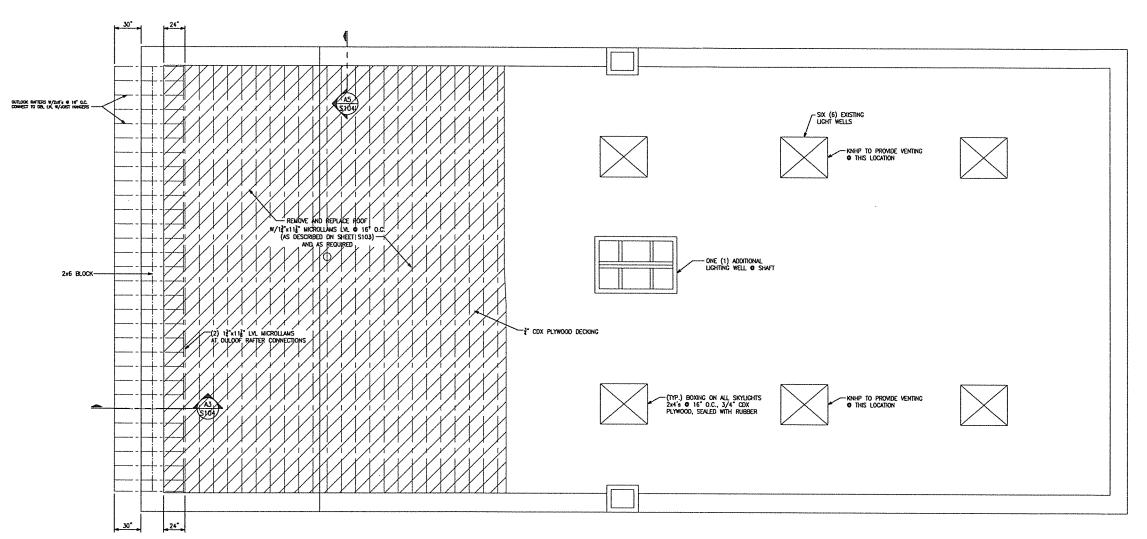
W/S PLYWOOD ON EACH SIDE NULED W/S PLYWOOD ON EACH SIDE NULED W/S NAIL PANEL EDGES AND © 12° O.C. IN THE FIELD. PLACE PLYWOOD W/GRAIN HORIZONTAL AND STAGGER PLYWOOD JOINTS.

PLACE BLOCKING • ALL CEILING JOIST AND ROOF JOISTS

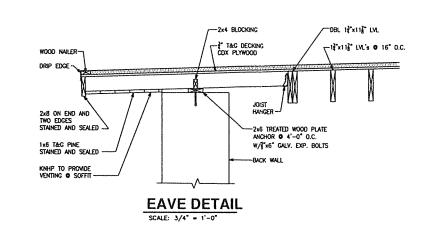
SECOND FLOOR PLANROOF FRAMING - PHASE I

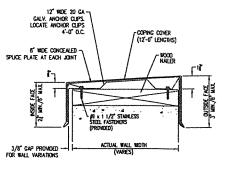
REMOVE ADOLE ANTIERS AND REPUACE

NOTIFICATION TO THE PROPERTY OF THE PROPERTY



ROOF PLAN - PHASE I SCALE: 1/4" = 1'-0"





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

PARAPET DETAIL

UPEA ARCHITECTS

ENGINEERING ARCHITECTURE PLANNING SURVEYING **ENVIRONMENTAL**

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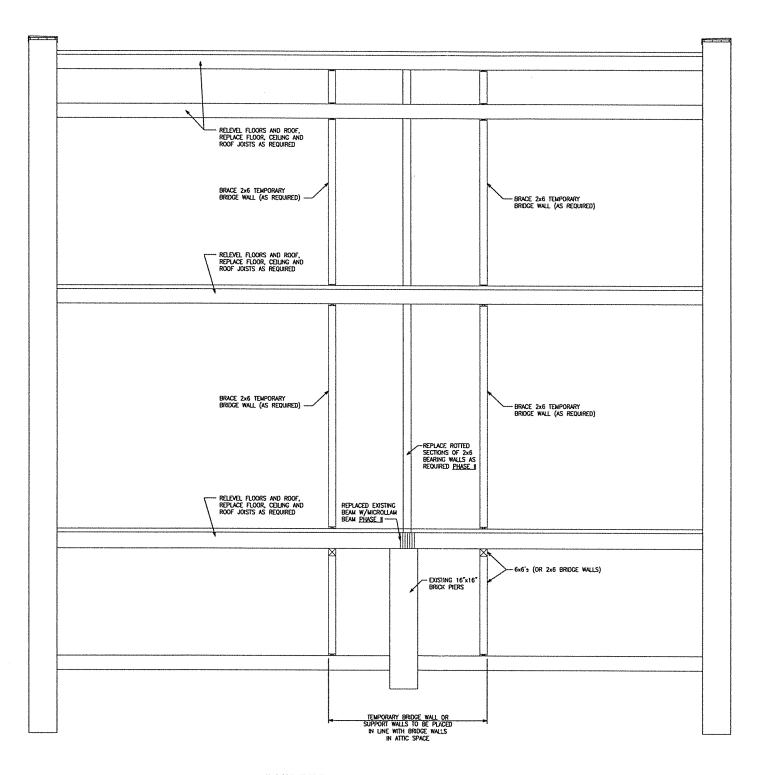
GAK

CHECKED:

APPROVED:

ROOF PLAN

S104



BUILDING SECTION - PHASE I SCALE: 3/8" = 1'-0"



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BUILDING SECTION

S105