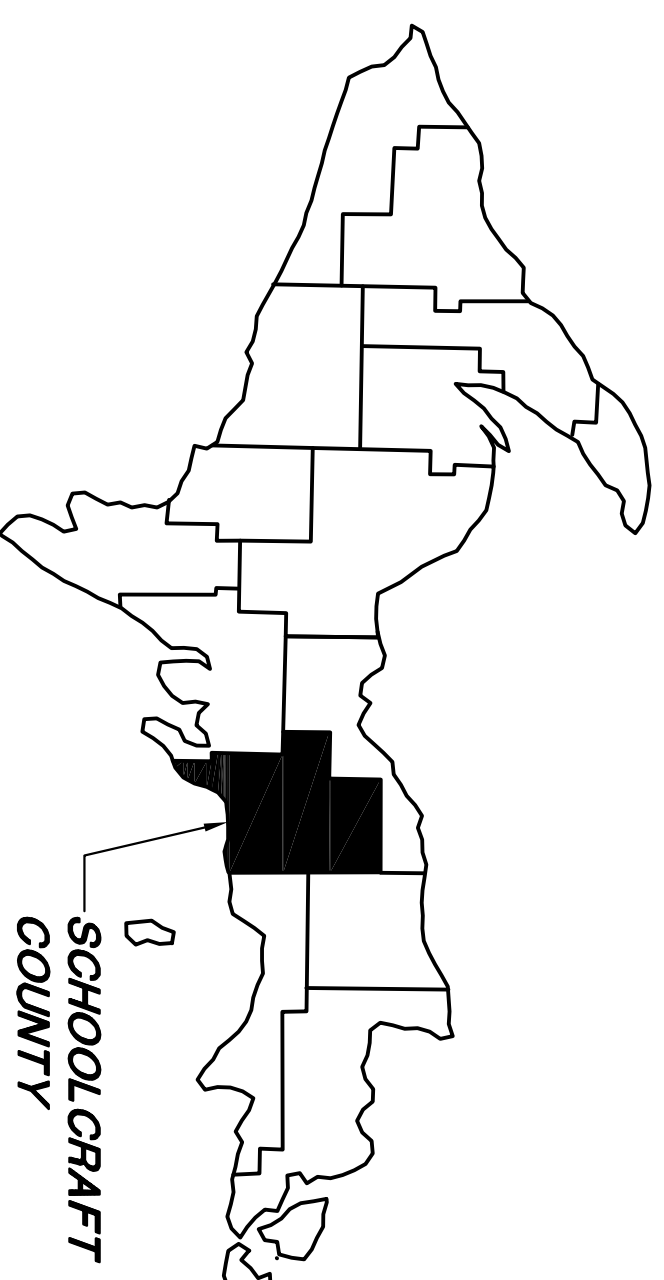


# SCHOOLCRAFT COUNTY TRANSIT AUTHORITY TRANSIT FACILITY 60'X60' EXPANSION

335N East Road  
Manistique, Michigan 49854



SCHOOLCRAFT COUNTY



SCHOOLCRAFT COUNTY  
TRANSIT AUTHORITY  
PROJECT SITE  
335N EAST ROAD

SCHOOLCRAFT COUNTY ROAD COMMISSION

MANISTIQUE HIGH SCHOOL

INDEX TO DRAWINGS	
SHT	DWG NO.
1	G--1
2	G--2
3	C-1
4	C-2
5	C-3
6	S-1
7	S-2
8	A-1
9	A-2
10	A-3
11	A-4
12	A-5
13	P-1
14	M-1
15	M-2
16	EC-1
17	E-1
18	E-2
19	E-3
20	E-4

WORK DESIGNED PER MICHIGAN 2015 BUILDING CODE  
DESIGN CRITERIA: VEHICLE STORAGE BUILDING

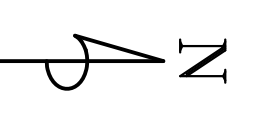
USE GROUP	CONSTRUCTION TYPE	AREA USE	SQUARE FOOTAGE
ADDITION S-2	11-B NON SPRINKLERED	VEHICLE STORAGE AUXILIARY OFFICE	60'x60'+MEZZANINE+ STORAGE: 4,451 SQ. FT., FIRE AREA 1
EXISTING S-2	11-B NON SPRINKLERED	VEHICLE STORAGE AUXILIARY OFFICE	100'x60' - 6,000 SQ. FT. EXISTING FIRE AREA 1

STRUCTURAL REQUIREMENTS	
ROOF SLOPE:	1/12
GROUND SNOW LOAD:	70 PSF
ROOF SNOW LOAD:	54 PSF
ROOF DEAD LOAD:	5 PSF
RISK CATEGORY:	II
SNOW EXPOSURE FACTOR:	1
SNOW IMPORTANCE FACTOR:	1
ROOF SLOPE FACTOR:	1
TERRAIN CATEGORY:	B
THERMAL FACTOR:	1.15
ULTIMATE WIND SPEED:	90 MPH
DESIGN WIND SPEED:	90 MPH
WIND IMPORTANCE FACTOR:	1.0
WIND PRESSURE:	19.4 PSF
SEISMIC CATEGORY:	"A"
SEISMIC IMPORTANCE FACTOR:	1.0
ALLOWABLE SOIL BEARING CAPACITY:	3,000 PSF

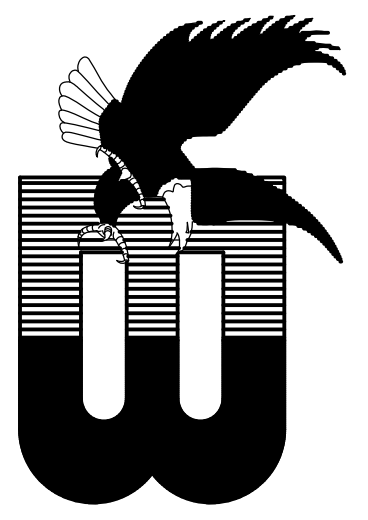
OCCUPANCY PER TABLE	ACTUAL TOTAL OCCUPANCY
1004.1.2	= 13 OCCUPANTS

SPRINKLER SYSTEM	S-2 COMMERCIAL MOTOR VEHICLE STORAGE : AUTOMATIC SPRINKLER SYSTEM REQ'D IF FIRE AREA >5000 SFT AUTOMATIC SPRINKLER NOT REQUIRED (903.2.10.1)
EXIT TRAVEL DISTANCE TABLE 1016.1	COMMON PATH OF EGRESS TRAVEL: 100 FT. TOTAL EXIT TRAVEL DISTANCE: 200 FT.

PROJECT LOCATION MAP  
NOT TO SCALE



Prepared By: \_\_\_\_\_



**BITTNER ENGINEERING, INC.**  
113 SOUTH 10th STREET  
ESCANABA, MICHIGAN 49829  
906-789-1511



**BID SET**  
6-17-22

PROJECT NO. 21-99-2342  
2342G1.DWG