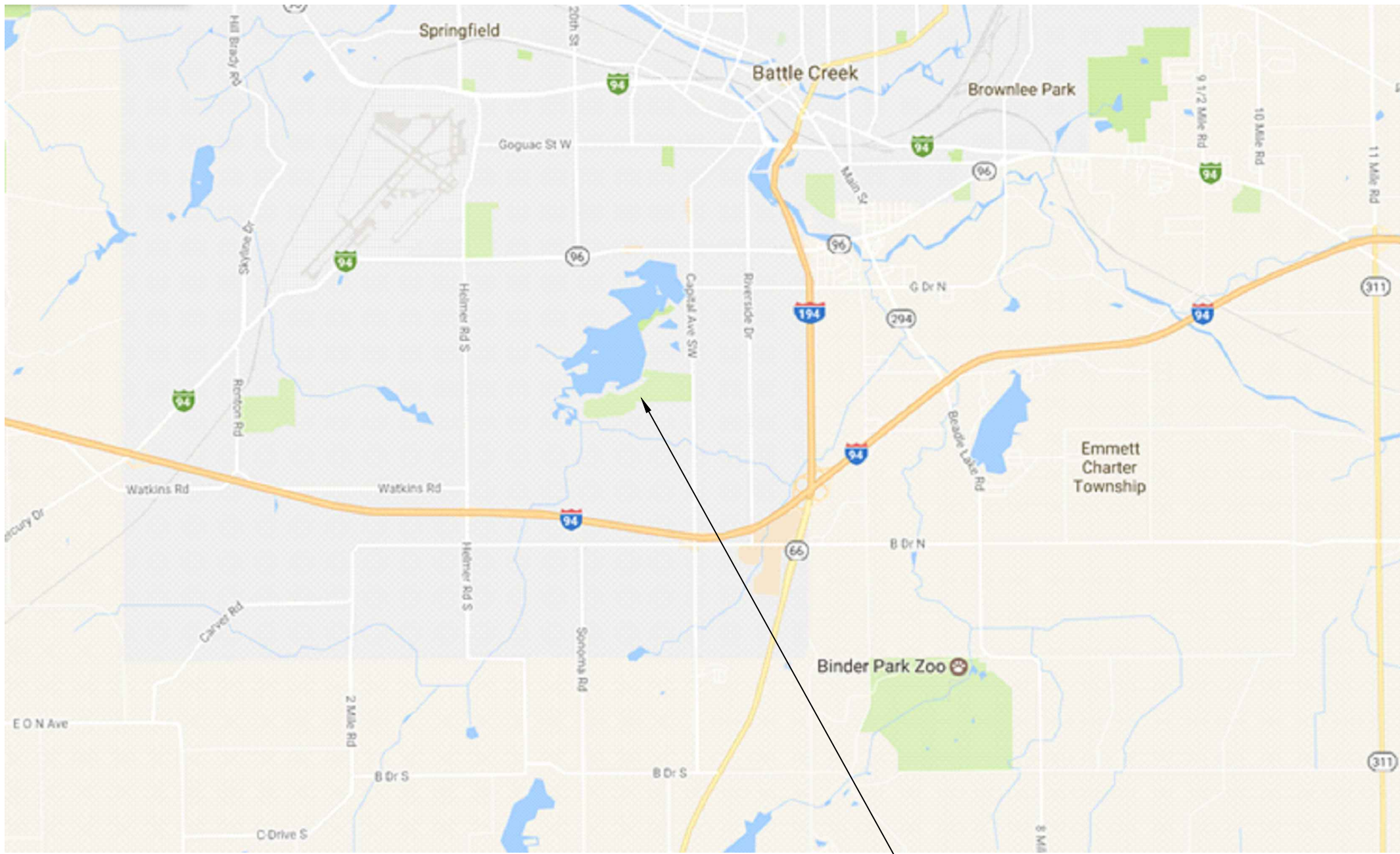


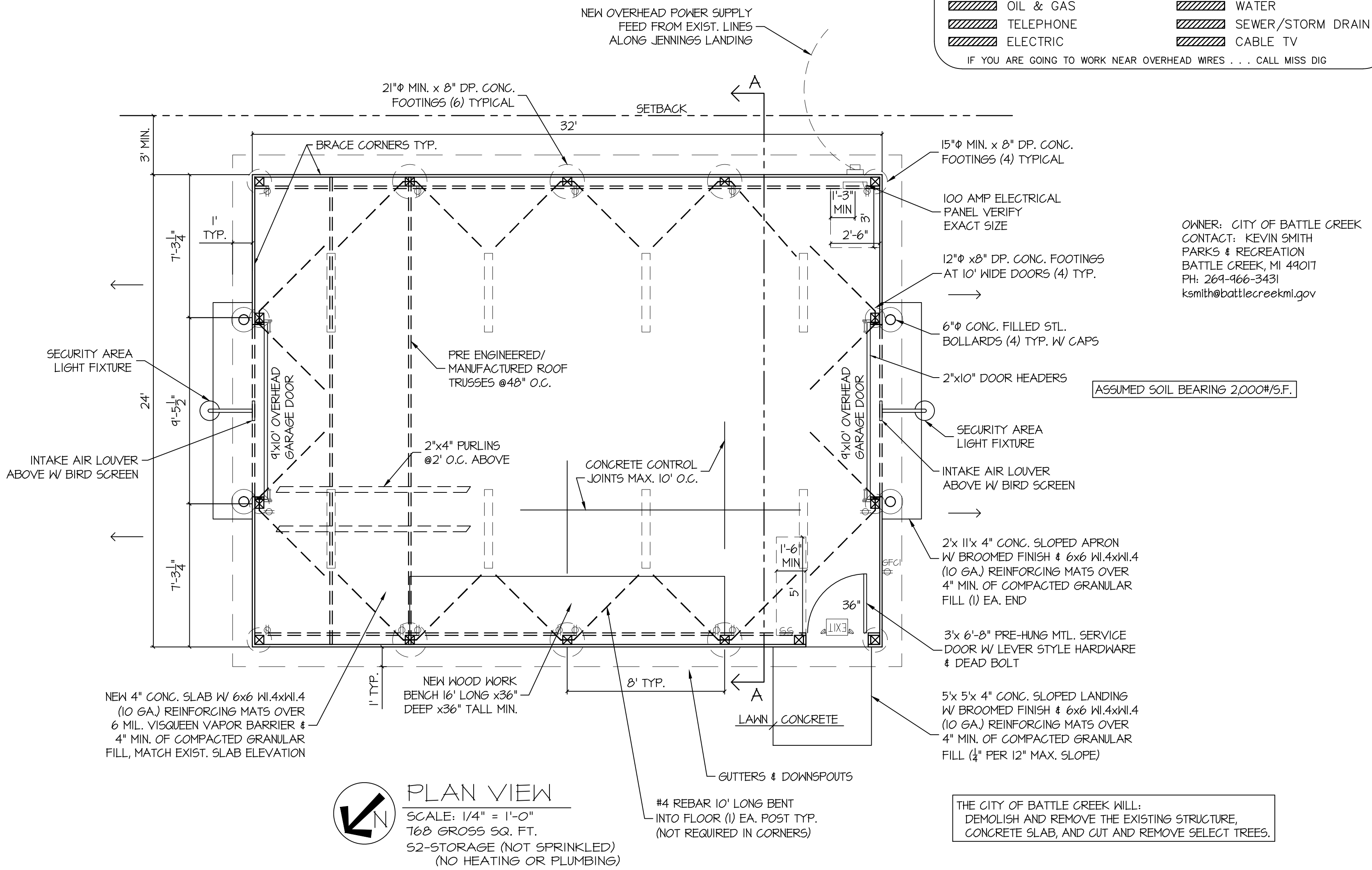


SITE LOCATION AERIAL
NOT TO SCALE



MAP
NOT TO SCALE

SITE LOCATION



RISK CATEGORY = 1
ROOF LIVE LOAD 21#/S.F.
ROOF SNOW LOAD/ GROUND SNOW LOAD 30#/S.F.
SNOW EXPOSURE FACTOR $C_e = 1$ TERRAIN C SHELTERED
SNOW LOAD IMPORTANCE FACTOR $I = B$
THERMAL FACTOR $C_t = 1.2$ UNHEATED
ROOF SLOPE FACTOR $C_s = .15$

WIND DESIGN
BASIC WIND SPEED 90 M.P.H. (115 M.P.H. 3 SEC. GUST)
WIND IMPORTANCE FACTOR $I = 1.00$ CATEGORY II
WIND EXPOSURE CATEGORY - C
INTERNAL PRESSURE COEFFICIENT $GC_{pi} = \pm .18$
COMPONENTS AND CLADDING EQUIV. 115 M.P.H.

32'x24' = 768 SQ. FT. OF FLOOR AREA
MBC CHAPTER #4 REQUIRED NATURAL VENTILATION 402.2
OPENABLE AREA TO OUTDOORS/ 4% OF FLOOR AREA = 31 SQ. FT.
ONE ENTRY DOOR (3'x 6'-8") = 20 SQ. FT.
ONE OVERHEAD DOOR (10'x4') = 40 SQ. FT.
TOTAL NATURAL VENTILATED AREA = 110 SQ. FT. > 31 SQ. FT.

LIGHTING TO BE UL APPROVED COOL ENERGY
EFFICIENT & PROVIDE 300 LUX (30 FOOT CANDLES)

UNIVERSAL MOUNT COMBINATION "LED" EXIT SIGN/
EMERGENCY LIGHT W/ (2) ADJUSTABLE 5.4 WATT, 6
VOLT HEADS, RED STENCILED LETTERS, 120/277 VOLT
INPUT, HIGH OUTPUT BATTERY PACK TO OPERATE REMOTE
LITHONIA WLHGM-S-W-3-R-120/277-HO OR EQUAL

(14) RECEPTACLES Ø42" ABOVE FINISH FLOOR
ATTACHED TO SIDE OF 6'x6' WOOD COLUMNS TYP.

(2) LIGHT SWITCHES (1) EA. TO BE WIRED TO (4) LED LIGHTS TYP.

(2) DIE CAST 3,000 LUMEN 40 WATT LED DUSK TILL DAWN SECURITY
AREA LIGHTS W/ TWIST LOCK 120V PHOTO CELLS BY PATRIOT LIGHTING
OR EQUAL (1 EA. END)

(8) 48" WHITE 120V LED ALUMINUM SHOP LIGHT W/ PLASTIC DIFFUSERS

(1) GROUND FAULT CIRCUIT INTERRUPTED RECEPTACLE Ø42"
ABOVE FINISH FLOOR, FIELD VERIFY EXACT LOCATION

ZONING - RIC - SINGLE FAMILY RESIDENTIAL
OCCUPANCY GROUP - S STORAGE
CONSTRUCTION TYPE: 5B (NOT SPRINKLED)
CITY OF BATTLE CREEK, BUILDING INSPECTOR, DON WILKINSON
ALL WORK TO COMPLY WITH THE 2015 MICHIGAN BUILDING CODE

FASTENING SCHEDULE TO COMPLY W/ THE
2015 MICHIGAN RESIDENTIAL BUILDING CODE

CONTRACTORS TO COORDINATE OVERHEAD DOOR HEADROOM/ ROUGH OPENING
& FRAMING REQUIREMENTS WITH DOOR MANUFACTURER PRIOR TO CONSTRUCTION

IT IS THE RESPONSIBILITY OF ALL CONTRACTORS TO CALL THE CITY OF
BATTLE CREEK INSPECTIONS DIVISION (966-3382) TO ARRANGE ALL
REQUIRED INSPECTIONS PER THAT PARTICULAR TRADE

EXCAVATIONS AND FORMING FOR FOOTINGS/ FOUNDATIONS TO BE
EXPOSED & INSPECTED PRIOR TO PLACEMENT OF CONCRETE OR BACKFILL

ALL SLAB ON GRADE AREAS SHALL BE PROOF ROLLED. ALL SOFT SPOTS
ENCOUNTERED SHALL BE REMOVED & REPLACED TO FINISH GRADE W/
APPROVED FILL MATERIAL. FILL MATERIAL FOR ALL SLAB AREAS SHALL BE
PLACED IN LAYERS NOT EXCEEDING 4" & COMPACTED TO A MINIMUM DENSITY
OF 95% OBTAINED IN ACCORDANCE W/ ASTM D-1557-18 (COHESIVE SOILS)

ALL COMPACTED FILL SHALL BE PLACED IN LAYERS NOT EXCEEDING 4"
& COMPACTED TO A MINIMUM DENSITY OF 95% UNDER FOOTINGS, SLABS &
PAVING, OBTAINED IN ACCORDANCE W/ ASTM D-1557-18 (COHESIVE SOILS)

ALL FOUNDATION EXCAVATIONS SHALL BE INSPECTED BY A SOILS
TESTING LABORATORY PRIOR TO PLACEMENT OF CONCRETE

ALL FOOTINGS SHALL BEAR ON UNDISTURBED SOIL OR COMPACTED
GRANULAR FILL HAVING A MIN. ALLOWABLE BEARING CAPACITY OF
3,000 P.S.F. AT AN APPROXIMATE DEPTH OF FOUR FEET BELOW GRADE

THE ISSUANCE OF A PERMIT BASED ON CONSTRUCTION DOCUMENTS AND OTHER DATA
SHALL NOT PREVENT THE CODE OFFICIAL FROM THEREAFTER REQUIRING THE CORRECTION
OF ERRORS IN SAID CONSTRUCTION DOCUMENTS AND OTHER DATA OR FROM PREVENTING
BUILDING OPERATIONS BEING CARRIED ON THERE UNDER WHEN IN VIOLATION OF THIS CODE
OR OF OTHER ORDINANCES OF THIS JURISDICTION.

IT IS THE RESPONSIBILITY OF ALL CONTRACTORS TO APPLY FOR & OBTAIN THE
PROPER PERMITS AND CALL THE CITY OF BATTLE CREEK INSPECTIONS DIVISION
(966-3382) TO ARRANGE ALL REQUIRED INSPECTIONS PER THAT PARTICULAR TRADE

CONTRACTORS TO FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
ALL LOCAL, STATE, & FEDERAL CODES ARE TO BE FOLLOWED ACCORDINGLY

Construction Phase: The CONSULTANT shall not have
control over, charge of, or responsibility for the
constructions means, methods, techniques, sequences
or procedures, or for safety precautions and
programs in connection with the construction work on
any project, nor shall the CONSULTANT be responsible
for the Contractor's failure to perform the construction
work in accordance with the requirements of the plans
and specifications prepared by CONSULTANT.
The CONSULTANT shall not have over or charge of,
and shall not be responsible for, acts or omissions of
the Contractor or of any persons or entities
performing portions of the construction work.

THIS PRINT CONTAINS CONFIDENTIAL INFORMATION
WHICH IS THE SOLE PROPERTY OF WHARRY
ENGINEERING BY ACCEPTING THIS INFORMATION
THE BORROWER AGREES THAT IT WILL NOT BE
USED FOR ANY OTHER REASON OTHER THAN
THAT FOR WHICH IT IS LOANED

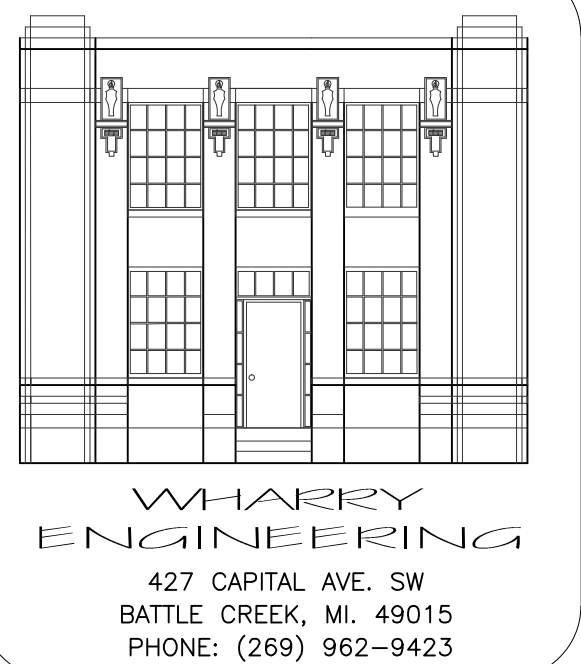
CONTRACTORS TO FIELD VERIFY ALL DIMENSIONS
PRIOR TO CONSTRUCTION. ALL LOCAL STATE &
FEDERAL CODES ARE TO BE FOLLOWED ACCORDINGLY
WHARRY ENGINEERING IS NOT RESPONSIBLE
(AND HELD BLAMELESS) FOR OWNER/OWNER'S
CONTRACTOR FAILURE TO FOLLOW
"FOR CONSTRUCTION" DOCUMENTS

NOT PUBLISHED ALL RIGHTS RESERVED.
CONTRACTOR RESPONSIBLE FOR VERIFYING
ALL DIMENSIONS, & REPORTING VARIANCES
CONTRACTOR TO CALL LOCAL UTILITY SERVICE
BEFORE DIGGING OR WORKING NEAR
OVERHEAD ELECTRIC WIRES

☐ PRELIMINARY/ FOR APPROVAL ONLY
☐ FOR BIDDING/ PERMITS
☒ FOR CONSTRUCTION
☐ FINAL RECORD

SEAL:

DR. BY: DALE SMITH
SCALE: AS SHOWN
DSGN. BY: RALPH A. WHARRY P.E.
CHK'D BY: RALPH A. WHARRY P.E.
JOB No: #4567-17
DATE: REVIEW APRIL 17, 2017
MAY 1, 2017



PROJECT:
NEW PROPOSED
ACCESSORY
STORAGE BUILDING
AT WILLARD BEACH
FOR THE CITY OF
BATTLE CREEK

DRAWING TITLE:
PLAN VIEW
& NOTES

SHEET NO:
A101
1 OF 2