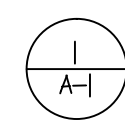
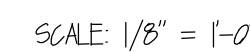


1. CODES AND STANDARDS: (ALL WORK SHALL CONFORM WITH THE FOLLOWING BUILDING CODES AND STANDARDS)  
  
A.) GENERAL DESIGN: INTERNATIONAL BUILDING CODE, 2012 EDITION (IBC), IN ACCORDANCE WITH INDIANA 2014 BUILDING CODE WITH AMENDMENTS.  
B.) DESIGN LOADS: ASCE'S "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES" (ASCE/SEI 7-10).
2. SOIL INFORMATION: SOIL BEARING PRESSURE: 1500 PSF NEEDED AND ASSUMED.
3. RISK CATEGORY (IBC TABLE 1604.5) \_\_\_\_\_ CATEGORY I
4. LIVE LOADS: (IBC TABLE 1607.1)  
ROOF \_\_\_\_\_ 45 PSF (CS)  
PLUS SNOW DRIFT 7 MILES SOUTH FROM LAKE MICHIGAN CONSIDERATIONS
5. WIND LOADS: (IBC SECTION 1609 AND ASCE 7)  
BASE WIND SPEED / ULTIMATE DESIGN WIND SPEED \_\_\_\_\_ 105 MPH  
NOMINAL DESIGN WIND SPEED (ASD) \_\_\_\_\_ 82 MPH  
EXPOSURE \_\_\_\_\_ B
6. DEAD LOADS:  
WEIGHT OF MATERIALS AS DETERMINED BY SYSTEM SELECTED.  
MINIMUM COLLATERAL LOAD FOR MECHANICAL, ELECTRICAL, EFC. \_\_\_\_ 10 PSF
7. SNOW DESIGN CRITERIA (IBC SECTION 1608 LOADS):  
GROUND SNOW LOAD, PG \_\_\_\_\_ 45 PSF (CS)  
IMPORTANCE FACTOR, I \_\_\_\_\_ 1.00
8. DEFLECTION CRITERIA (IBC TABLE 1604.3)  
ROOF SNOW LOAD WITHOUT CEILINGS \_\_\_\_\_ L / 240  
ROOF DEAD AND LIVE LOAD WITHOUT CEILINGS \_\_\_\_\_ L / 240
9. SEISMIC LOADS: FOR PRIMARY SYSTEMS (IBC SECTION 1613 AND ASCE 7)  
SEISMIC DESIGN CATEGORY \_\_\_\_\_ A
10. LUMBER: SOUTHERN PINE #2, KILN DRIED, WITH A MAXIMUM MOISTURE CONTENT OF 15%, OR APPROVED EQUAL.  
SHEAR PANELS SHEATHING & EXTERIOR WALL SHEATHING: PLYWOOD, APA STRUCTURAL I  
RATED, EXPOSURE 1,  $\frac{5}{8}$ " THICK.
11. TESTING: ALL COMPACTED STONE UNDER SLABS AND FOOTERS SHALL BE #53 STONE COMPACTED TO MINIMUM OF 100% STANDARD PROCTOR.  
STONE COMPACTION AND CONCRETE TESTING (SEE SPECS SECTION 03300, 3.07)  
SHALL BE PERFORMED BY A PROFESSIONAL GEOTECHNICAL ENGINEERING FIRM. ALL RESULTS FROM TESTS SHALL BE FORWARDED TO IDNR DESIGNERS.

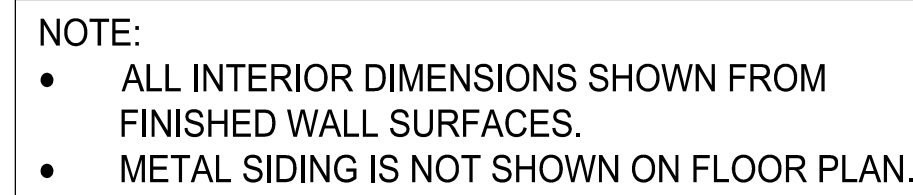


SCALE:  $3/4" = 1'-0"$

NOTE:  
ATTIC ACCESS PROVIDE SELF CLOSING  
SPRING ACTIVATED 22"x42" ACCESS DOOR  
AT THE CEILING



NOTE:  
GENERAL CONTRACTOR, SEE ORIENTATION OF NORTH ON  
ARCHITECTURAL DRAWINGS AND CIVIL DRAWINGS.



SCALE:  $1/8" = 1'-0"$

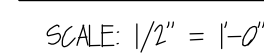
+ 827.25'	FINISHED GRADE ELEVATION
+99'-10"	SPOT ELEVATION TOP OF CONCRETE SLAB



Diagram illustrating the structure of a four-story building. The building is divided into four horizontal sections: BASE, WALL, FLOOR, and CEILING. The BASE and WALL sections are connected by a vertical line, and the FLOOR and CEILING sections are connected by a vertical line. The BASE and WALL sections are labeled 'BASE' and 'WALL' respectively, and the FLOOR and CEILING sections are labeled 'FLOOR' and 'CEILING' respectively. The diagram shows a cross-section of the building with a central vertical axis.

	FLOOR	BASE	WALL	CEILING
1.	CONCRETE WITH HARDENER	1. NONE	1. NONE	1. NONE
2.	COMPOSITION TILES	2. 4" VINYL	2. 5/8" GYP. BD. PAINT 3. NONE, EXCEPT SHEAR WALL /PANEL 4. GLASSBOARD ON 1/2" PLYWOOD	2. 5/8" GYP. BD. PAINT

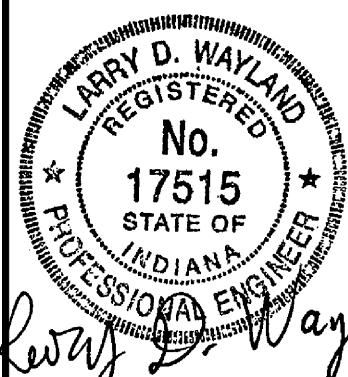
NOTE:  
PROVIDE GLASSBOARD ON PLYWOOD DECKING ONLY ON WET WALL IN  
RESTROOM AND WALLS AROUND SERVICE SINK AND EYE WASH.



NOTE:  
PROVIDE WOOD BLOCKING FOR GRAB BARS AND  
ALL SURFACE MOUNTED ITEMS.

SEE P-1 FOR SPECIFIC FIXTURE INFORMATION

- ① ADA WATER CLOSET: SEAT TOP MOUNT AT 18" A.F.F.,
- ② VERTICAL GRAB BAR: 18" LONG, MOUNT BOTTOM AT 40" A.F.F; 40" FROM FACE OF BACK WALL.
- ③ HORIZONTAL GRAB BAR: 36" LONG, MOUNT TOP AT 2'-11" A.F.F.
- ④ HORIZONTAL GRAB BAR: 42" LONG, MOUNT TOP AT 2'-11" A.F.F.
- ⑤ TOILET TISSUE HOLDER: BOTTOM MOUNT AT 24" A.F.F.
- ⑥ STAINLESS STEEL HOOKS, MOUNT AT 44" A.F.F.
- ⑦ LAVATORY: TOP AT 2'-10" A.F.F.
- ⑧ GFCI RECEPTACLE LOCATED AT 38" A.F.F.
- ⑨ 2 FEET WIDE LAMINATED COUNTERTOP WITH 4" BACKSPLASH, TOP AT 2'-10" A.F.F. - PROVIDE 2x4 AT BACK AND SIDE WALLS FOR SUPPORT.
- ⑩ SINK, MOUNT AT 2'-10" A.F.F.
- ⑪ MIRROR, MOUNT REFLECTIVE SURFACE 40" A.F.F. MAXIMUM



Certified by

STORAGE BUILDING  
MORAINE NATURE PRESERVE  
DEPT. OF NATURAL RESOURCES  
275 E 650 N  
VALPARAISO, INDIANA 46383



STATE OF INDIANA  
DEPARTMENT OF NATURAL RESOURCES  
**DIVISION OF ENGINEERING**  
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Revisions:

Project Number: E160010

Requisition Number:

Designer:	Drawing Date:
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L.W/B.D.	09-1
Drafters	Drawing Scales

DNR Approval

Client Approval

File Number: 400-071

Drawing Number:

Drawing Number: **A-1**

Sheet: 4 of 12