

1) APPLICABLE BUILDING CODES:
2015 WISCONSIN BUILDING CODE (2015 WBC)
2015 INTERNATIONAL ENERGY CONSERVATION CODE
2015 INTERNATIONAL FUEL GAS CODE
2018 WISCONSIN PLUMBING CODE
2015 INTERNATIONAL MECHANICAL CODE
2015 INTERNATIONAL FIRE CODE
2017 NATIONAL ELECTRIC CODE OF WISCONSIN

2) BUILDING USE AND OCCUPANCY:
S-2, COMMERCIAL VEHICLE STORAGE

3) OCCUPANT LOAD
PER TABLE 1004.1.2 (PARKING GARAGE)= 200 S.F. PER PERSON (S-2 OCCUPANCY)

CALCULATED OCCUPANT LOAD: 4,950 SF/200 S.F. PER PERSON = 25 PERSONS

ACTUAL/DESIGN OCCUPANT LOAD = 14 (SECTION 1004.1.2, EXCEPTION)

4) CONSTRUCTION TYPE:
CONSTRUCTION TYPE = VB, NON-SPRINKLED

5) HEIGHT AND AREA LIMITATIONS:
PER TABLE 506.2 ALLOWABLE AREA, NON-SPRINKLED = 13,500 S.F.

ACTUAL AREA, 4950 S.F. <13,500 S.F. THEREFORE GOOD

PER IBC 705.3, EXCEPTION 1, BOTH BUILDINGS ON THE SAME LOT ARE BEING USED AS A STORAGE S-2, AND ARE TYPE V CONSTRUCTION. COMBINED ALLOWABLE AREA PER TABLE 506.2 = 13,500 SF. THEREFORE NO FIRE RATING IS REQUIRED FOR EXTERIOR WALLS

AREA OF BOTH BUILDINGS COMBINED = 7,350 S.F. WHICH IS LESS THAN ALLOWABLE FLOOR AREA OF 13,500 S.F., THEREFORE NO SEPARATION DISTANCE OR FIRE RATED CONSTRUCTION BETWEEN STRUCTURES IS REQUIRED.

6) THERMAL PERFORMANCE
COMCHECK ENVELOPE COMPLIANCE SOFTWARE HAS BEEN UTILIZED
TO DEMONSTRATE COMPLIANCE WITH THE WISCONSIN ENERGY CONSERVATION CODE.

7) EXIT TRAVEL DISTANCE
NON-SPRINKLED, S-2 = 300 FEET (TABLE 1017.2)

MAXIMUM COMMON PATH OF TRAVEL = 100 FEET (TABLE 1006.2.1)

8) EGRESS WIDTH/NUMBER OF EXITS
BASED ON OCCUPANT LOAD OF 25 PERSONS

25 PERSON x0.2" PER PERSON = 5" REQUIRED

(2) - 36" WIDE DOORS = 72" PROVIDED THEREFORE GOOD

PER TABLE 1006.2.1: TWO (2) EXIT DOORS REQUIRED, TWO (2) ARE PROVIDED
OCCUPANCY = S-2, MAX OCCUPANT <29 PERSONS

9) MEANS OF EGRESS ILLUMINATION
MEANS OF EGRESS ILLUMINATION SHALL COMPLY WITH THE 2015 WBC, SECTION 1008.

MIN. ILLUMINATION LEVEL = 1.0 FOOT CANDLES, MAINTAINED ON AN UNINTERRUPTED POWER SUPPLY

10) ACCESSIBLE MEANS OF EGRESS:
PER SECTION 1009.1 TWO (2) ACCESSIBLE MEANS OF EGRESS IS REQUIRED.

11) FIRE SUPPRESSION SYSTEM:
FIRE SUPPRESSION SYSTEM IS NOT REQUIRED PER 903.2.10.1 BUILDING AREA/FIRE AREA IS <5,000 S.F.

12) PLUMBING FIXTURES
PER SECTION 2902.2, EXCEPTION 2: SEPARATE FACILITIES FOR EACH SEX ARE NOT REQUIRED WHEN TOTAL OCCUPANT LOAD <16 PERSONS

ONE (1) UNISEX TOILET ROOM IS PROVIDED. DOOR SHALL BE EQUIPPED WITH PRIVACY LOCK.

PER TABLE 2902.1 ONE (1) TOILET, ONE (1) LAVATORY, ONE (1) DRINKING FOUNTAIN, AND ONE (1) SERVICE/MOP SINK REQUIRED


13) HAND HELD FIRE EXTINGUISHERS:
PROVIDE HAND HELD FIRE EXTINGUISHERS PER NFPA 10 AND 2015 WBC, SECTION 906. MAX TRAVEL DISTANCE TO NEAREST FIRE EXTINGUISHER SHALL NOT EXCEED 75 FEET.

14) WOOD FRAMING DESIGN BY BUILDING SUPPLIER. BUILDING SUPPLIER SHALL SUBMIT SHOP DRAWING FOR ARCHITECT'S REVIEW. WOOD FRAMING / BUILDING DESIGNER SHALL SUBMIT COMPONENT DRAWINGS TO THE STATE FOR PLAN REVIEW AND PAY ALL RELATED FEES. SEE NOTE 8 ON SHEET A-3 FOR ADDITIONAL INFORMATION.

VEHICLE STORAGE GARAGE



DESIGN LOADS	
ROOF LIVE LOAD	20 PSF
ROOF SNOW LOAD	
GROUND SNOW LOAD, P_g	40 PSF
SNOW EXPOSURE FACTOR, C_e	1.0
SNOW IMPORTANCE FACTOR, I_s	1.0
THERMAL FACTOR, C_t	1.0
RAIN ON SNOW SURCHARGE, P_{rs}	0 PSF
WIND DESIGN DATA	
BASIC WIND SPEED, ASCE 7-10 (3 SEC. GUST)	115 MPH
WIND IMPORTANCE FACTOR, I_w	1.0
WIND EXPOSURE	B
FLOOD DESIGN	N/A

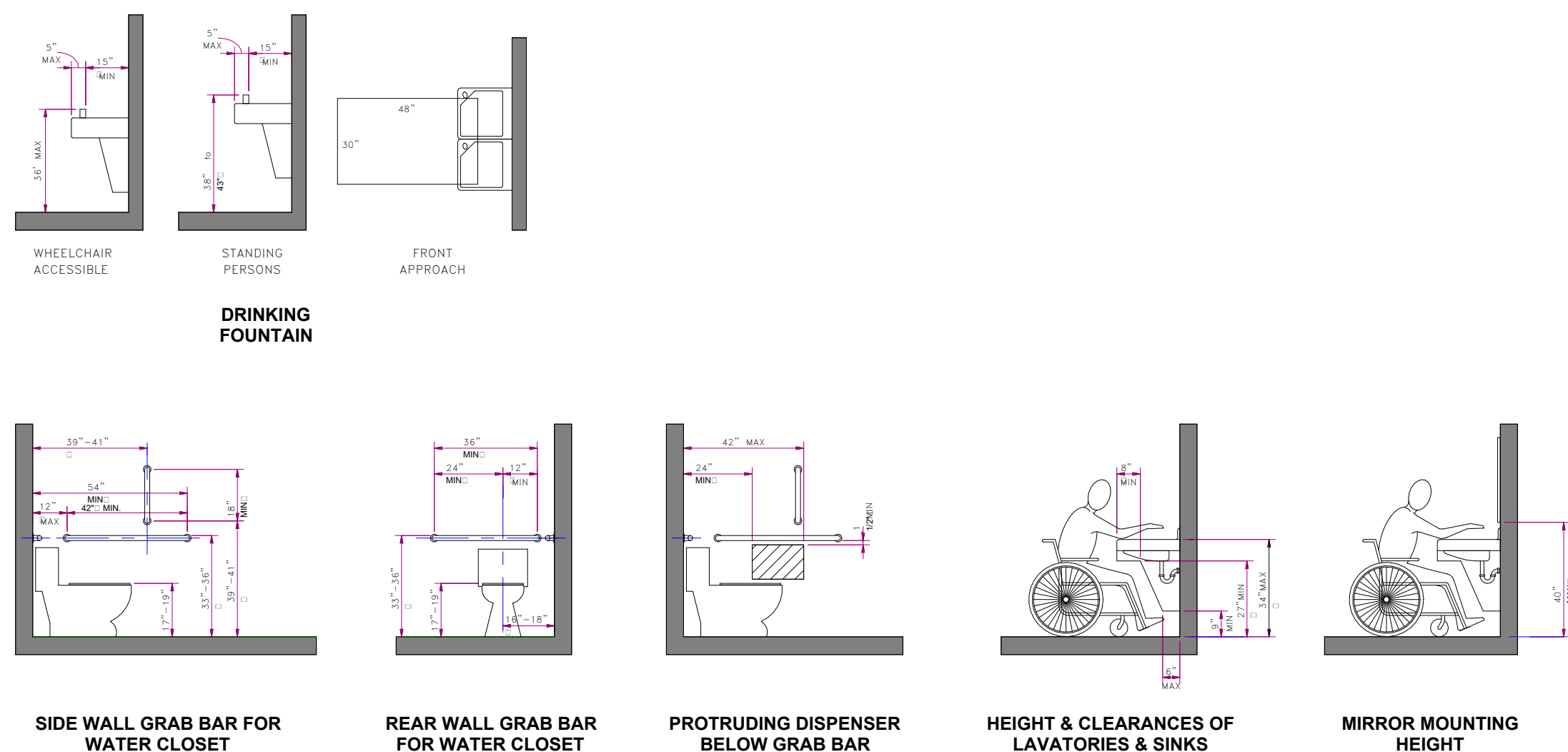

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<p>VERIFY EXISTING SITE DATA</p> <p>ALTHOUGH EVERY EFFORT HAS BEEN MADE IN PREPARING THESE PLANS AND CHECKING THEM FOR ACCURACY, THE CONTRACTOR / BUILDER MUST CHECK ALL STRUCTURAL DETAILS AND DIMENSIONS AND BE RESPONSIBLE FOR THE SAME.</p>
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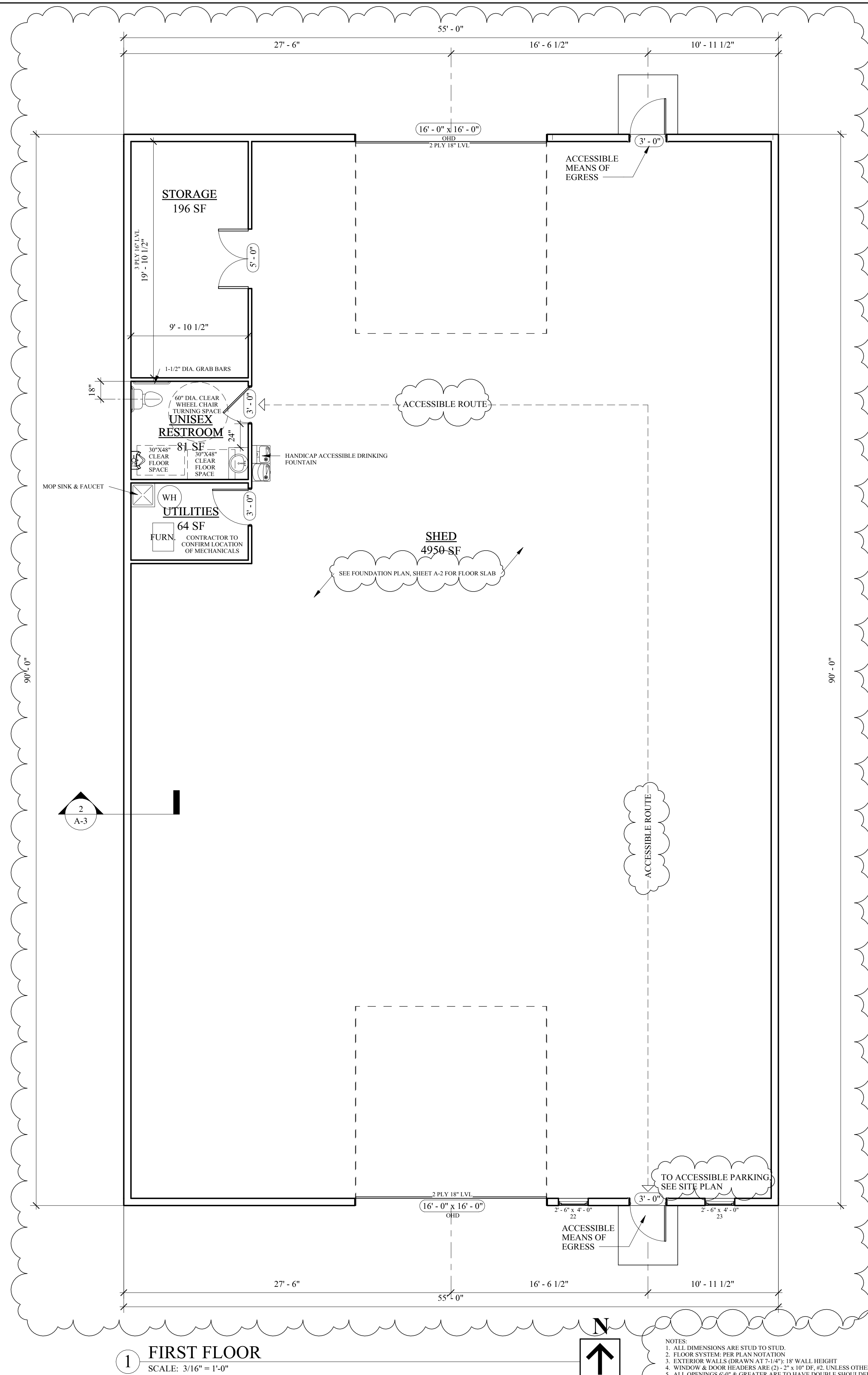
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<p style="text-align: center;">SITE MAP</p> <p style="text-align: center; font-size: 2em;">A-1</p>	
SCALE:	As indicated
PROJECT:	2022-081
DATE:	9-7-2022
DRAWN BY:	TA



ADA CLEARANCE REQUIREMENTS AND DIMENSIONS

NO SCALE

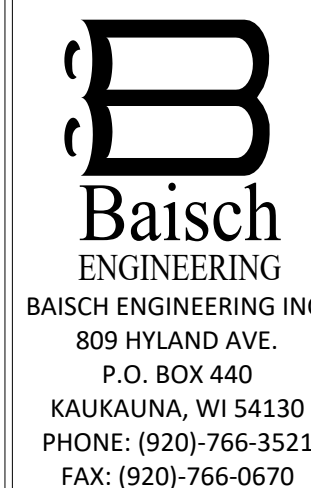
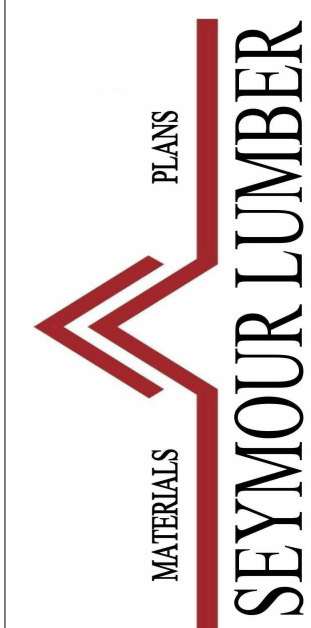


- NOTES:**
1. ALL DIMENSIONS ARE PER PLAN NOTATION.
 2. FLOOR SYSTEM: PER STUD PLAN NOTATION
 3. EXTERIOR WALLS (DRAWN AT 7'-10") 18" - 18" WALL HEIGHT
 4. WINDOWS & DOOR HEADERS ARE (2) - 2" x 10" OR LARGER UNLESS OTHERWISE NOTED ON PLANS.
 5. ALL OPENINGS 6' or GREATER ARE TO HAVE DOUBLE SHOULDER STUDS.
 6. PROVIDER TO IDENTIFY AND LOCATE NECESSARY ALL CUTTING
 7. ROOF TRUSS COMPONENT SUPPLIER SHALL SUBMIT SHOP DRAWINGS FOR ARCHITECT'S REVIEW. DRAWINGS SHALL BEAR THE STAMP OF A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF WISCONSIN AND BE SIGNED BY AN AUTHORIZED REPRESENTATIVE OF THE COMPANY.
 8. DRAWINGS TO THE CITY OF KAUKAUNA AND PAY ANY/ALL SUBMITTAL FEES.
 9. PROVIDER TO OBTAIN ALL NECESSARY PERMITS, CALCULATIONS, AND CONNECTION DETAILS TO ARCHITECT FOR REVIEW. DRAWINGS SHALL BEAR THE STAMP AND SIGNATURE OF THE WOOD POST & FRAME DESIGNER. FOLLOWING ARCHITECT'S REVIEW, WOOD POST & FRAME COMPONENT SUPPLIER SHALL SUBMIT SHOP DRAWINGS TO THE STATE OF WISCONSIN FOR REVIEW AND PAY ANY/ALL SUBMITTAL FEES.

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VERIFY EXISTING SITE
DATA

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[illegible]

FIRST FLOOR
PLAN

A-3

SCALE: As indicate

PROJECT:	2022-08
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DATE:	9-7-202
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DRAWN BY: T

