

BUILDING CODE REVIEW

BUILDING TYPE VA
FIRE SPRINKLER SYSTEM TO BE INSTALLED
BUILDING IS 1 STORY WOOD FRAME CONSTRUCTION
(EXTERIOR WALLS, BEARING WALLS AND ROOF TO BE 1 HOUR)
UL P522 ROOF ASSEMBLY

BUILDING IS SINGLE TENANT BUILDING
MIXED OCCUPANCY
NON-SEPARATED OCCUPANCY
I-1 OCCUPANCY (TREATMENT/REHAB CENTER) CONDITION 1
(CODE TABLE 302.2 CARE FACILITIES)
CODE SECTION 308.1 AND 308.2.1
B OCC (OFFICE & COMMON AREA)
A-2 (CONF ROOMS, DINING AREA, CHAPEL)

TOTAL SQ. FTG. = 20,915 SQ. FT.
ALLOWABLE BUILDING AREA CALCULATIONS
BASE ALLOWABLE SQ. FTG. = 42,000 SQ. FT.
ACTUAL BUILDING AREA = 20,915 SQ. FT.
1 STORY BUILDING

FIRE SPRINKLER (NFPA 13) REQUIRED PER CODE SECTION
420.4 & SECTION 903.2.6 GROUP I

FIRE ALARM & SMOKE DETECTION SYSTEMS REQUIRED PER CODE SECTION
420.5 & SECTION 907.2.6. GROUP I-1 OCCUPANCIES

CODE SECTION 420.2 SEPARATION WALLS
SEPARATING SLEEPING UNITS TO BE CONSTRUCTED AS FIRE
PARTITIONS IN ACCORDANCE WITH SECTION 708
FIRE PARTITIONS TO BE CONTINUOUS TO ROOF DECK

CODE SECTION 420.2 SEPARATION WALLS (1 HOUR RATING)
SEPARATING SLEEPING UNITS TO BE CONSTRUCTED AS FIRE
PARTITIONS IN ACCORDANCE WITH SECTION 708
FIRE PARTITIONS TO BE CONTINUOUS TO ROOF DECK

CODE SECTION 1020 CORRIDORS, TABLE 1020.1 (1 HOUR RATING)
CORRIDOR WALLS TO BE CONSTRUCTED AS FIRE PARTITIONS IN
ACCORDANCE WITH SECTION 708
FIRE PARTITIONS TO BE CONTINUOUS TO ROOF DECK

OCCUPANT LOAD (TABLE 1004.5, FLOOR AREA ALLOWANCES)
I-1 (SUPERVISED LIVING)
SLEEPING ROOMS = 6,478 TOTAL SQ. FT. / 120 PER OCC. = 54 OCC.
BASED ON SQ. FTG. (40 OCC. BASED ON BED COUNT)
A-2 (ACCESSORY USE)
GROUP ROOMS = 1,283 SQ. FT.
DINING AREA = 1,230 SQ. FT.
CHAPEL AREA = 1,187 SQ. FT.
TOTAL = 3,700 SQ. FT. / 15 PER OCC. = 247 OCC.
KITCHEN AREA = 907 SQ. FT. / 200 PER OCC. = 5 OCC.
B (OFFICES & COMMON AREAS) 9,830 SQ. FT. / 150 PER OCC. = 66 OCC.

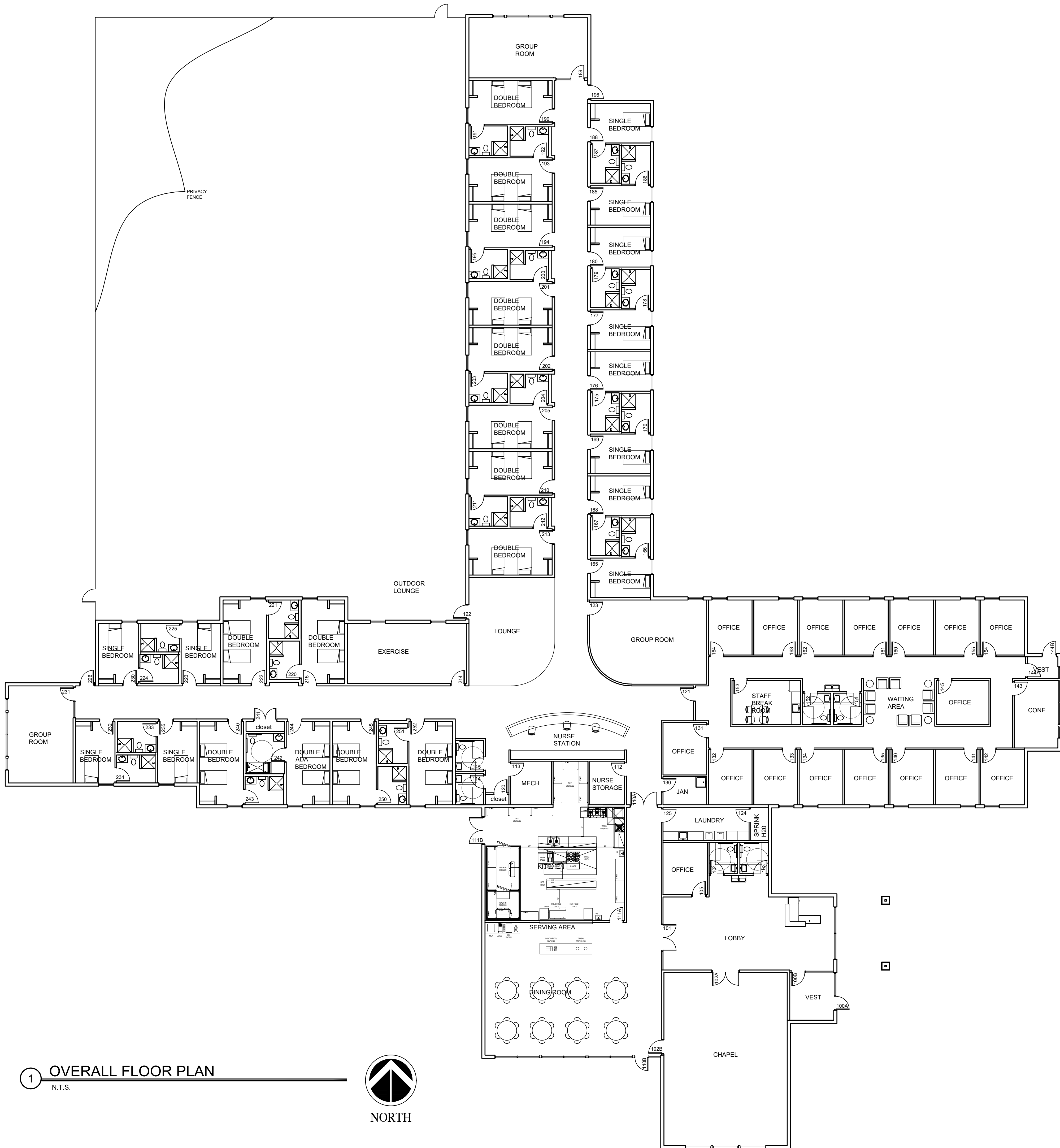
TOTAL OCC. LOAD BASED ON SQ. FTG. = 372 OCC.

EXITS REQUIRED FROM BUILDING (2) (7) PROVIDED

PLUMBING FIXTURE COUNT

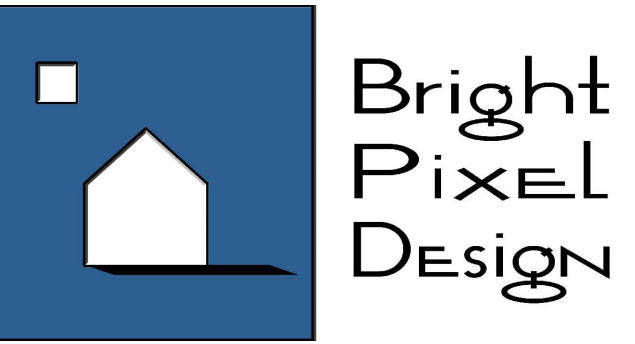
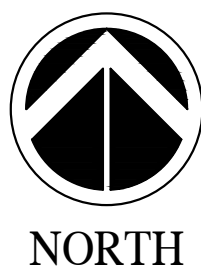
OCCUPANT LOAD
I-1 OCC. LOAD (SUPERVISED LIVING) = 54 OCC.
B OCC. LOAD (OFFICE) = 65 OCC.

FIXTURES REQ'D BY CODE (TABLE 2902.1)
I-1 OCC. REQUIRES 1 TOILET/10 OCCUPANTS
TOILETS REQ'D (6) (26) PROVIDED
I-1 OCC. REQUIRES 1 SINK/10 OCCUPANTS
SINKS REQ'D (6) (26) PROVIDED
B OCC. (STAFF & VISITORS)
REQUIRES 1 TOILET/25 OCC. FIRST 50
TOILETS REQ'D (3) (6) PROVIDED FOR COMMON USE
B OCC. REQUIRES 1 SINK/40 OCC. FIRST 80
SINKS REQ'D (2) (6) PROVIDED
I-1 OCC. REQUIRES 1 SHOWER/PER 8 OCC.



1 OVERALL FLOOR PLAN

N.T.S.



PROJECT TITLE:

SPIRITS AT REST
TREATMENT CENTER
POWER DRIVE
MANKATO, MN 56001

GENERAL NOTES:

CONTRACTORS TO FOLLOW
MANUFACTURER'S INSTRUCTIONS AND
INDUSTRY BEST PRACTICES FOR ALL
PRODUCT INSTALLATIONS.

SHEET NOTES:

1 NOTE

No. SUBMISSIONS & REVISIONS Date

OVERALL FLOOR PLAN

JOB NO.: 24.32.1

DATE: 7-27-2026

DRAWN BY: MJB

A1.1