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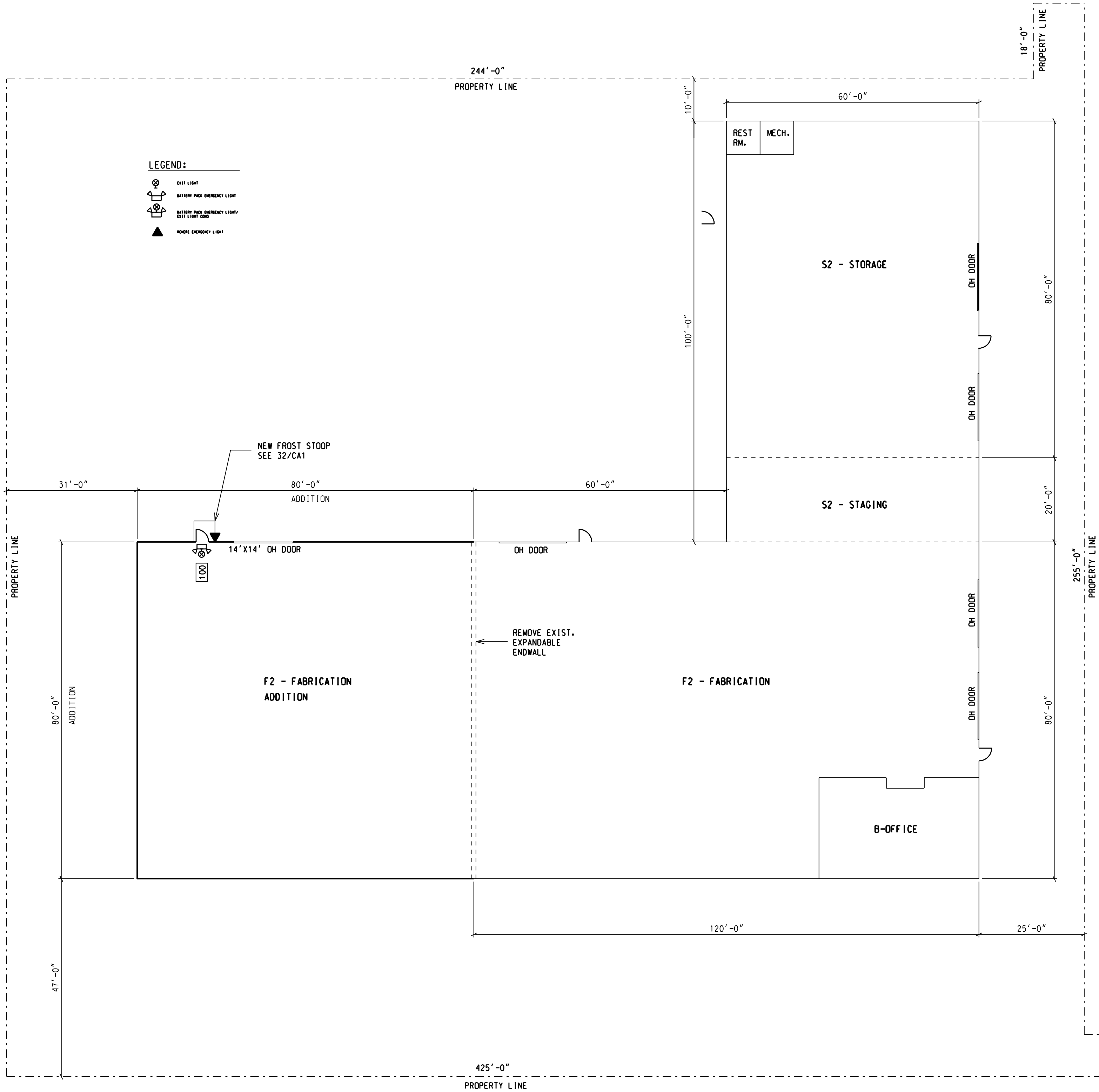


1 FACILITY PLAN

SCALE: $\frac{1}{16}" = 1'-0"$

FINISH HARDWARE

- DOOR 100
3 BUTTS
1 LOCKSET ENTRY LOCKSET
1 CLOSER CUSH-N-STOP
1 SET WEATHER STRIPPING
1 SWEEP
1 THRESHOLD



Code Analysis:

Project: Bend Rite
1106 Main St. W.
Marshall, Minnesota 56258

Code: 2020 MSBC

Occupancy: B - Office
F-2 - Metal Fabrication
S-2 - Low Hazard Metal Storage

Construction Type: II-B
Fire Sprinkling: No

Basic Allowable Area: B, II-B, NS = 23,000 s.f.
F-2, II-B, NS = 23,000 s.f.
S-2, II-B, NS = 26,000 s.f.

Actual Area: B = 918 s.f.
F-2 = 8,682 s.f.
S-2 = 6,000 s.f.
Sub-total = 15,600 s.f.
Addition = 6,400 s.f.
Total Area = 22,000 s.f.

Total Area = 22,000 s.f. < 23,000 s.f., Okay

Fire Resistivity: II-B = 0 HR

Fire Resistivity based upon Fire Separation Distance:

$< 5' = 1 \text{ HR}$
 $5' \leq X < 10' = 1 \text{ HR}$
 $10' \leq X < 30' = 0 \text{ HR}$

Set Back:

N = 31'
E = 10'
S = 25'
W = 47'

Occupancy: B = $918/150 = 6.12$
F-2 = $8,682/100 = 86.82$
S-2 = $6,000/500 = 12.0$
Total = 104.94

Exits: B = (2) with more than 49 occupants.
F = (2) with more than 49 occupants.
S = (2) with more than 29 occupants.

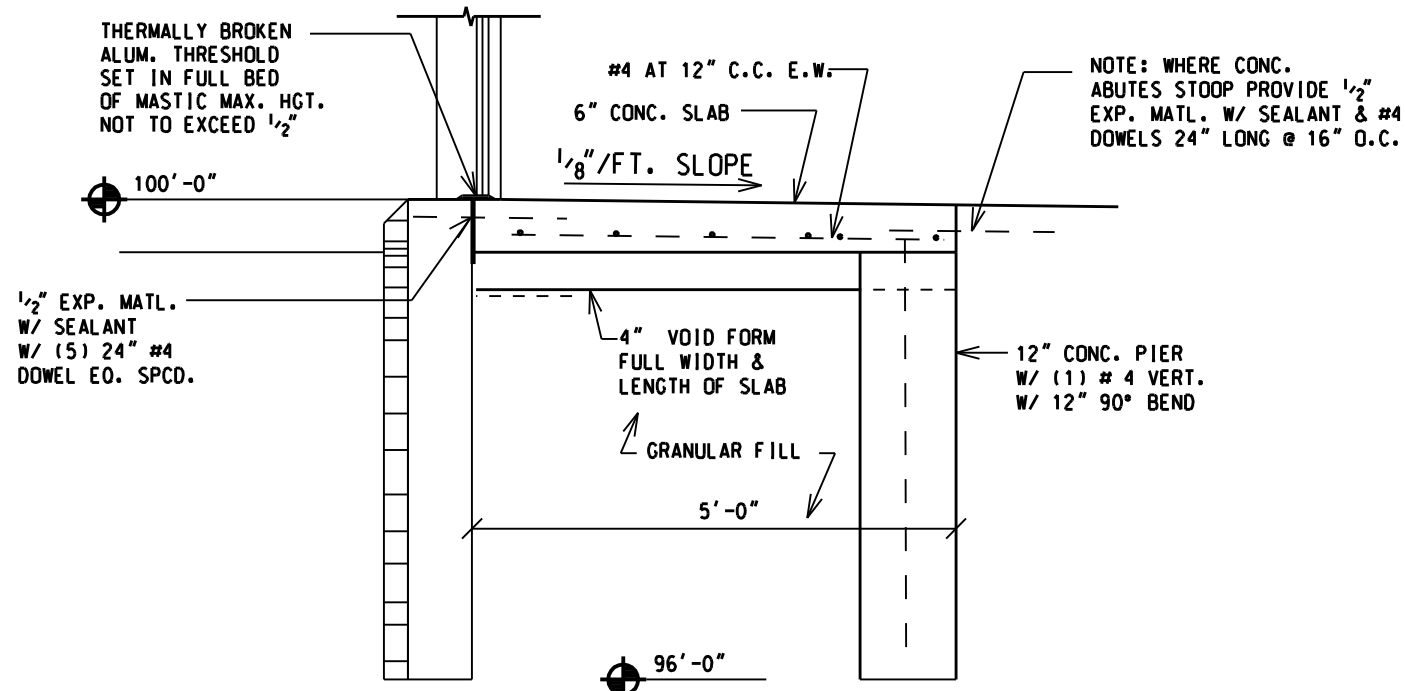
Common Path of Travel = 75 feet

Illuminated Exits: Required when (2) or more exits required.

Emergency Power for Illumination: Required when (2) or more exits required.

Exit doors shall swing in the direction of travel
when occupant load exceeds 50 occupants.

	Waterclosets	Lavs	Service Sink	Drinking Fountain
PLUMBING	B, $1/25 = 6.12/25 = 0.24$ F, $1/100 = 86.82/100 = 0.86$ S, $1/100 = 12/100 = 0.12$ 1.22 req'd.	B, $1/40 = 6.12/40 = 0.15$ F, $1/100 = 86.82/100 = 0.86$ S, $1/100 = 12/100 = 0.12$ 1.13 req'd.	1.0 req'd.	B, $1/100 = 6.12/100 = 0.06$ F, $1/400 = 86.82/400 = 0.21$ S, $1/1000 = 12/1000 = 0.012$ 0.28 req'd.
	3 Provided	3 Provided	1 Provided	1 Water cooler provided



32 TYP. STOOP SECTION

SCALE: $\frac{3}{8}" = 1'-0"$