

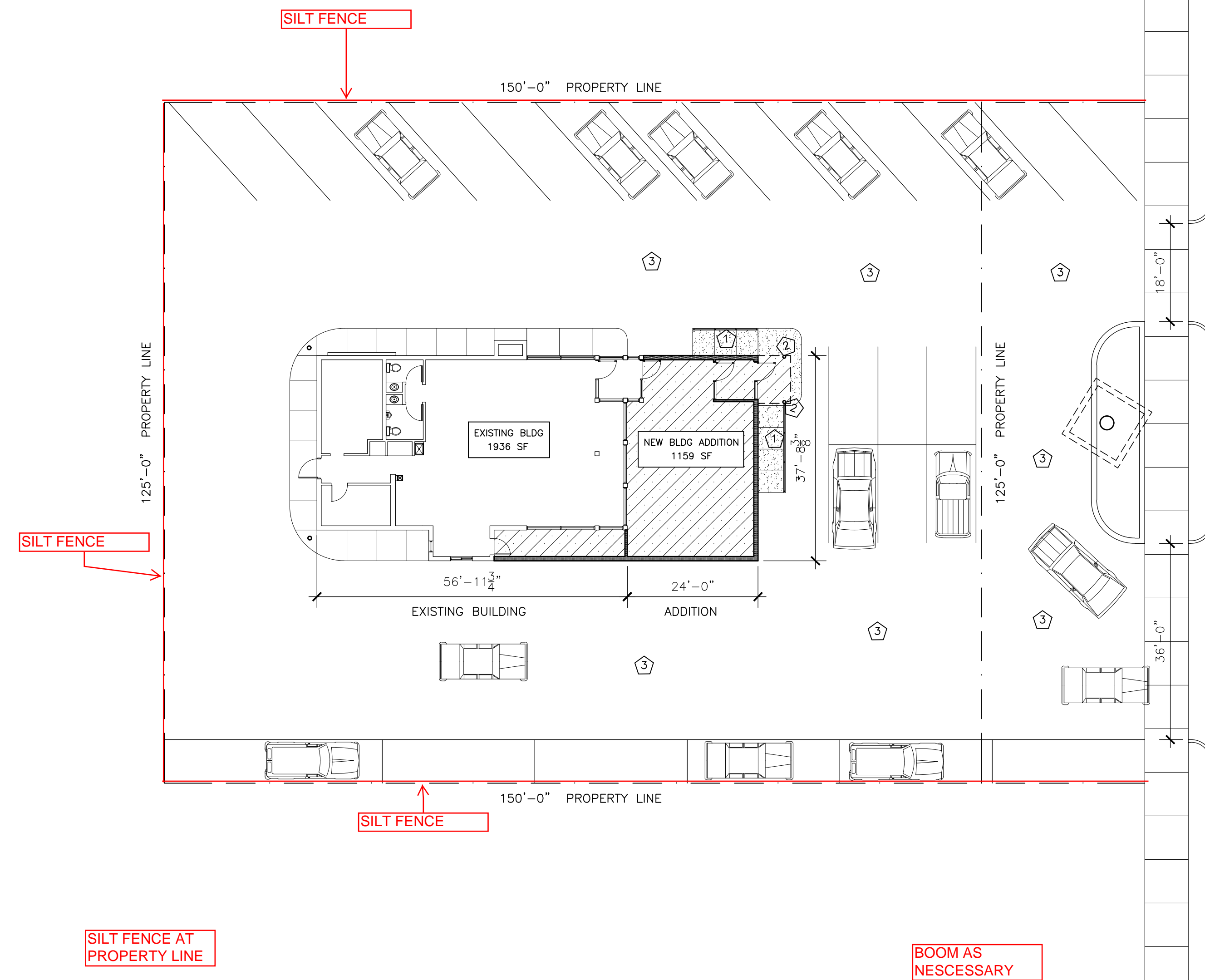
# SMOKES4LESS

Building Addition  
91 Copeland Avenue  
La Crosse, Wisconsin

EcoGreen  
Architects LLC

21316 QUARRY ROAD  
CALEDONIA, MN 55921  
(608) 317-1953

- ### 2 SITEPLAN NOTES
- 1 NEW HANDRAILS AND CONCRETE RAMP.
  - 2 REUSE EXISTING COLUMNS SUPPORTING ENTRANCE ROOF STRUCTURE.
  - 3 REPAIR/REPLACE BITUMINOUS PAVING AND STRIPING AS REQUIRED FOR SAFE CONDITIONS.



Copeland Avenue

Copeland Avenue

1 SITE PLAN  
1" = 16'-0"

### 3 STRUCTURAL NOTES

- DESIGN CODES - ( ALL LATEST EDITIONS )
  - AMERICAN CONCRETE INSTITUTE ( ACI )
  - CONCRETE REINFORCING STEEL INSTITUTE ( CRSI )
  - AMERICAN INSTITUTE OF STEEL CONSTRUCTION ( AISC )
  - NATIONAL CONCRETE MASONRY ASSOCIATION ( NCMA )
  - 2015 INTERNATIONAL BUILDING CODE.
- DESIGN LIVE LOADS
  - ROOF = 30.8 PSF + APPLICABLE DRIFT LOADS
  - WIND = 20.2 PSF @ ROOF & WALLS
  - FIRST FLOOR = 100 PSF
  - STORAGE = 125 PSF
- SOIL
  - 2000 PSF - (ASSUMED)
  - 2000 PSF SAFE BEARING USED FOR DESIGN
  - FOOTINGS SHALL BEAR ON UNDISTURBED NATURAL SOIL OR COMPACTED ENGINEERED FILL. ENGINEERED FILL SHALL BE A WELL GRADED GRANULAR MATERIAL, COMPACTED TO 98% STANDARD PROCTOR DENSITY.
- CAST-IN-PLACE CONCRETE
  - ARRANGEMENTS, BENDING, DETAILING AND SUPPORT OF REINFORCING STEEL SHALL BE IN ACCORDANCE WITH ACI AND CRSI STANDARDS.
  - WHERE REINFORCING BARS ARE SHOWN CONTINUOUS LAP BARS #4-20", #5-26", #6-33"
  - REINFORCEMENT STEEL BARS - ASTM A615 GRADE 60 ( 60 KSI )
  - MAXIMUM SIZE OF AGGREGATE IS 1 1/2"
  - MAXIMUM SLUMP IS 3"

COMPONENT      CONC STRENGTH @ 28 DAYS

  - BLOCK/MASONRY FILL      2500 PSI
  - FOOTINGS & FOUNDATION WALLS      3500 PSI
  - INTERIOR & EXTERIOR SLABS      4000 PSI
- MASONRY
  - MASONRY BLOCK UNITS - NORMAL WEIGHT
  - MORTAR TO BE TYPE S - CONFORMING TO ASTM C270
  - INSTALL FLASHINGS AT BASE & ALL OPENINGS
  - INSTALL BLOCK ANCHORS 48"oc VERT TO COLUMNS
  - INSTALL WEEP HOLES AT 48"oc

### 4 CODE INFORMATION

2015 INTERNATIONAL BUILDING CODE

USE & OCCUPANCY CLASSIFICATION:

PRIMARY USE:  
MERCANTILE GROUP M - RETAIL STORE

TYPE OF CONSTRUCTION:  
602.5 TYPE V-B

BUILDING HEIGHTS & AREAS: (TABLE 503)

MAXIMUM HEIGHT = 1 STORY  
MAXIMUM AREA/FLOOR = 9,000 SF

TOTAL EXISTING FLOOR AREA = 1936 SF  
ADDITION FLOOR AREA = 1159 SF  
TOTAL FLOOR AREA = 3095 SF

FIRE RESISTIVE RATINGS: (TABLE 601)

STRUCT FRAME-COLUMNS, GIRDERS, TRUSSES      0-NR HR RATING  
EXTERIOR BEARING WALLS - (TABLE 602)      0-NR HR RATING  
INTERIOR BEARING WALLS      0-NR HR RATING  
FLOOR BEAMS & JOISTS      0-NR HR RATING  
ROOF BEAMS & JOISTS      0-NR HR RATING  
INTERIOR PARTITIONS      0-NR HR RATING  
REQ'D EXIT CORRIDORS (TABLE 1017.1)      0-NR HR RATING  
VERTICAL SHAFTS/STAIRWAYS (1020.1)      1-HR  
EXTERIOR WALLS >30 FT (TABLE 602 III-B)      0-HR RATING  
DOOR ASSEMBLIES      (SEE TABLE 715.4)

FIRE PROTECTION SYSTEMS: (CHAPTER 9)

903.2.7 GROUP M: A NFPA 13 AUTOMATIC SPRINKLER SYSTEM IS NOT REQUIRED AND SHALL NOT BE PROVIDED THROUGHOUT THE EXISTING BUILDING.

EXIT DISTANCE: (TABLE 1017.2)

MAXIMUM = 200 FT (WITHOUT AUTOMATIC SPRINKLER SYSTEM)

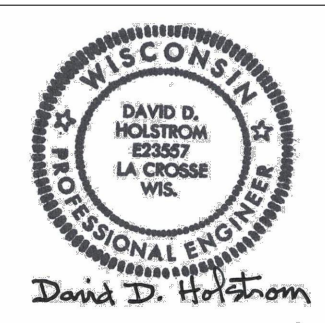
SANITARY FACILITIES: (TABLE 2902.1)

REQUIRED WATER CLOSETS = 1 PER 500 PERSONS  
REQUIRED LAVATORIES = 1 PER 750 PERSONS  
REQUIRED DRINKING FOUNTAINS = 1 PER 1000 PERSONS  
REQUIRED SERVICE SINKS = 1 EA

### 5 DRAWING INDEX

NO	DESCRIPTION
A1	SITE PLAN, CODE & STRUCT INFO
A2	EXISTING & REMODELED FLOOR PLANS
A3	EXTERIOR ELEVATIONS & SECTION

SMOKES4LESS BUILDING ADDITION  
91 COPELAND AVENUE  
LA CROSSE, WISCONSIN



I HEREBY CERTIFY THAT THIS PLAN SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL UNDER THE LAWS OF THE STATE OF WISCONSIN.

SIGNED \_\_\_\_\_  
DATE \_\_\_\_\_  
NUMBER \_\_\_\_\_

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JOB # 2023.05

AUG 21, 2023

REVISIONS

PLOT 1/16"=1'-0"

SITE PLAN  
CODE INFO  
DWG INDEX

A001