

allowable area:

Type VB Construction:
ALLOWABLE AREA PER M.B.C. TABLE 503; NS 8,500 SF.

(F-1) Factory Industrial &
(B) Business - Non Seperated Mixed Use

ALLOWABLE AREA CALCULATIONS:
TOTAL AREA: 11,430 SQUARE FEET

STREET FRONTAGE INCREASE PER SECTION 506 FIRE AREA I
(30' MIN. SEP. DISTANCE) N: 11'-4" S: 11'-4" W: 6'-0" E: 6'-0"

OPEN PERIMETER: 418'-8"
TOTAL PERIMETER: 418'-8"
% TABULAR AREA INCREASE:

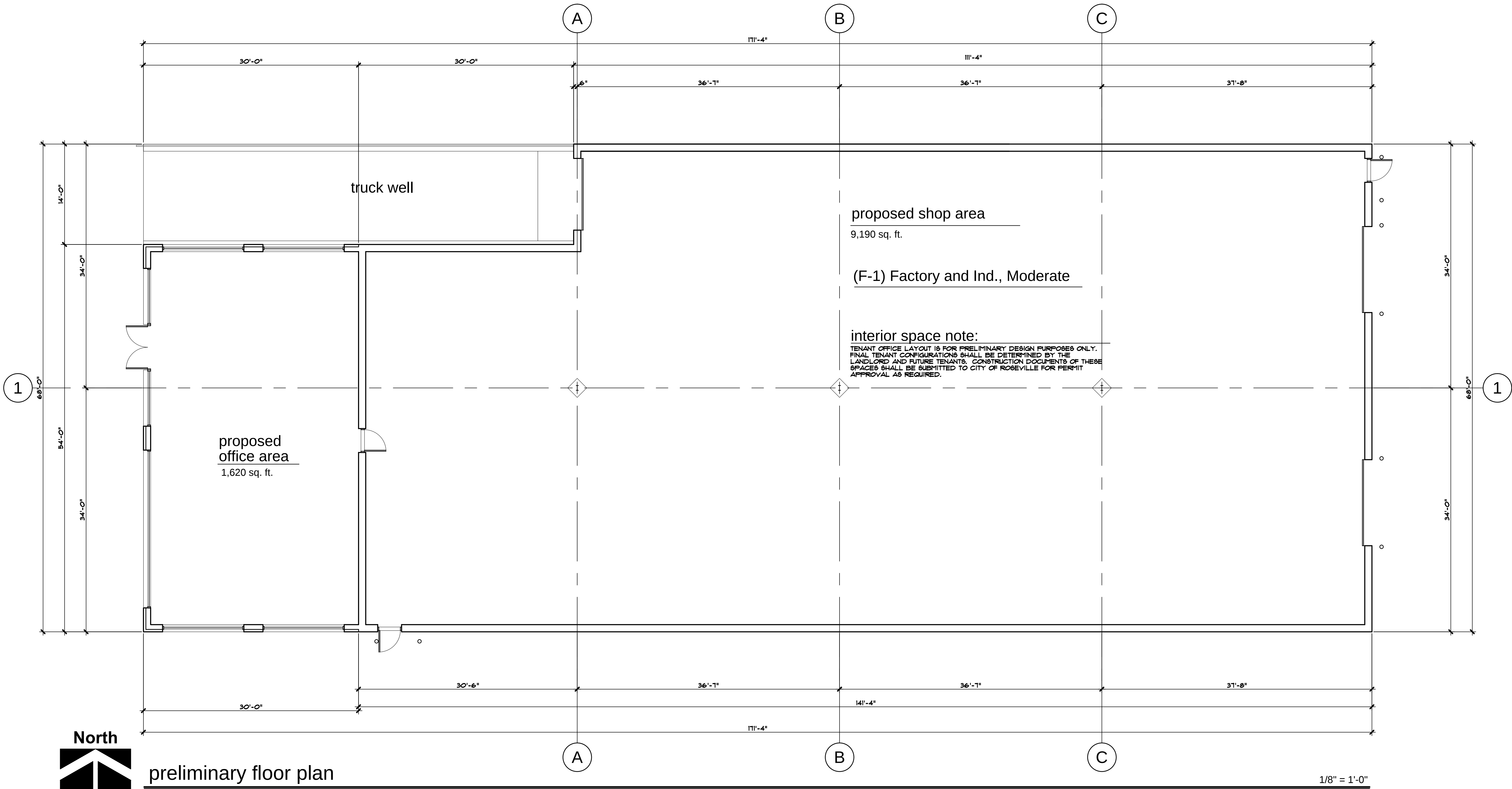
$$\left(\frac{\text{OPEN PERIMETER}}{\text{TOTAL PERIMETER}} \times 0.25 \right) \times \left(\frac{\text{MINIMUM WIDTH OF OPEN SPACE}}{30} \right)$$

$$\left(\frac{418'-8"}{488'-8"} \times 0.25 \right) \times \left(\frac{30}{30} \right) = .75$$

ALLOWABLE AREA = TABULAR AREA + (TABULAR AREA x FRONTAGE INCREASE)
+ (TABULAR AREA x SPRINKLER INCREASE)
8,500 + (8,500 x .75) = 14,875 SQ. FT.

NOTE:
TOTAL AREA IS UNDER ALLOWABLE AREA.

building data			
LOCAL AGENCY:	CLINTON TOWNSHIP DEPARTMENT OF BUILDING AND SAFETY 40100 ROYAL PLANK ROAD CLINTON TWP., MI 48044	FIRE RESISTANCE RATING OF STRUCTURAL ELEMENTS PER TABLE 602:	0 HOURS
REFERENCE CODE:	2015 MICHIGAN BUILDING CODE WITH STATE AMENDMENTS 2015 MICHIGAN PLUMBING CODE WITH STATE AMENDMENTS 2015 MICHIGAN MECHANICAL CODE WITH STATE AMENDMENTS 2017 NATIONAL ELECTRICAL CODE WITH STATE AMENDMENTS MICHIGAN ENERGY CODE ASHRAE 90.1 - 2013	FIRE RESISTANCE RATING OF EXTERIOR NON-LOADBEARING WALLS PER TABLE 602 AND TABLE 105.2:	0 HOURS
BUILDING AREA:	OFFICE: 1,620 SQ. FT. STORAGE MEZZ: 1,620 SQ. FT. SHOP: 9,190 SQ. FT. TOTAL: 11,430 SQ. FT.	FIRE RESISTANCE RATINGS OF EXTERIOR LOAD BEARING PARTITION WALLS PER TABLE 602 AND TABLE 105.2:	0 HOURS
USE GROUP:	(F-1) FACTORY AND INDUSTRIAL	FIRE RESISTANCE RATINGS OF NON- LOAD BEARING PARTITION WALLS PER TABLE 602:	0 HOURS
CONSTRUCTION TYPE:	VB (COMBUSTIBLE, UNPROTECTED)	FIRE RESISTANCE RATINGS OF INTERIOR LOAD-BEARING WALLS, LOAD BEARING PARTITIONS, COLUMNS, GIRDERS, PER TABLE 602:	0 HOURS
PROPOSED USE:	INDUSTRIAL FACILITY	FIRE RESISTANCE RATINGS OF TENANT SEPERATION WALLS PER TABLE 602:	1 HOUR
OCCUPANT LOAD:	OFFICE / SHOP AREA: 1 PER 100 SF. GROSS = 10,810 / 100 = 108 OCCUPANTS (TABLE 1008.12)	FIRE RESISTANCE RATINGS OF ROOF CONSTRUCTION INCLUDING BEAMS, TRUSSES AND FRAMING, ARCHES AND ROOF DECK PER TABLE 602 AND SECTION 1140:	0 HOURS
		FIRE RESISTANCE RATING OF INTERIOR FINISH PER TABLE 803.4:	REQUIRED VERTICAL EXITS 4 PASSAGEWAYS = CLASS I CORRIDORS PROVIDING EXIT ACCESS = CLASS II ROOMS OR ENCLOSED SPACES = CLASS III
		FIRE RESISTANCE RATING OF INTERIOR FLOOR FINISH PER SECTION 809.0:	REQUIRED VERTICAL EXITS 4 PASSAGEWAYS = CLASS II CORRIDORS PROVIDING EXIT ACCESS = CLASS II ROOMS OR ENCLOSED SPACES = DOC-FF-1
		MINIMUM NUMBER OF EXITS FOR OCCUPANT LOAD PER TABLE 1010.2:	(2) TWO EXITS (3 PROVIDED)
		MINIMUM LENGTH OF EXIT ACCESS TRAVEL PER TABLE 1006.5 (WITHOUT FIRE SUPP. SYSTEM):	250 FEET



preliminary floor plan

building square footage	
office:	1,620 sq. ft.
shop:	9,190 sq. ft.
mezz.:	1,620 sq. ft.
total:	11,430 sq. ft.

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Date Issued:

S.P.A. 06/06/23

Project:

Proposed Industrial
Development for:

29850 Calahan

Roseville, MI

Client:

DiLisio

Contracting, Inc.

23525 Lakepointe Dr.
Clinton Twp., MI 48036
(586) 783-4044

Sheet Title:

FLOOR PLAN

Project Number:

123-130

Drawn By:

JFN

Checked By:

F.S.



Issue:

- ☐ preliminary
- ☒ construction
- ☐ record

Sheet Number:

A-1