

ASSEMBLY / WAREHOUSE

ADDITION

EXTRUNET AMERICA

TECUMSEH FACILITY

903 INDUSTRIAL DRIVE

TECUMSEH, MICHIGAN 49286

ABBREVIATIONS

A/C	AIR CONDITIONING	INSUL.	INSULATION
A.F.F.	ABOVE FINISH FLOOR	INT.	INTERIOR
A6G	AGGREGATE	JT.	JOINT
ALT.	ALTERNATE	KW.	KILOWATT
ALUM.	ALUMINUM	LAV.	LAVATORY
AMP.	AMPERES	LN.	LINEAR
BD	BOARD	LVL	LAMINATED VENEER LUMBER
B/DG	BUILDING	MAX.	MAXIMUM
BLK.	BLOCK	MECH.	MECHANICAL
BLK'G.	BLOCKING	MFR.	MANUFACTURE
BOT.	BOTTOM	MIN.	MINIMUM
B.W.	BOTH WAYS	MISC.	MISCELLANEOUS
C/C	CENTER TO CENTER	M.O.	MASONRY OPENING
C.J.	CENTER JOINT	M.T.	METAL
C.L.	CENTER LINE	N.	NORTH
CLG.	Ceiling	N.I.C.	NOT IN CONTRACT
CNTR	CENTER	No.	NUMBER
C.O.	CLEAN OUT	#	NUMBER
COL.	COLUMN	NOM.	NOMINAL
CONC.	CONCRETE	N.T.S.	NOT TO SCALE
CONSTR.	CONSTRUCTION	O.C.	ON CENTER
CONT.	CONTINUOUS	OD.	OUTSIDE DIAMETER
C.T.	CERAMIC TILE	PH.	PHASE
CW	COLD WATER	PLMB.	PLUMBING
DET	DETAIL	PLYWD.	PLYWOOD
DIA.	DIAMETER	PANEL	PANEL
DIM.	DIMENSION	PREFAB.	PREFABRICATED
D.S.	DOWNSPOUT	PVC	POLYVINYL CHLORIDE
DWG.	DRAWING	Q.T.	QUARRY TILE
EL.	ELEVATION	RAD.	RADIUS
ELEC.	ELECTRIC	RD.	ROAD
ELEV.	ELEVATION	RECP.	RECEPTACLE
EPS	EXPANDED POLYSTYRENE	REINF.	REINFORCE
E.W.	EACH WAY	REQ'D.	REQUIRED
EWG	ELECTRIC WATER COOLER	REV.	REVISION
EXIST'G	EXISTING	RM.	ROOM
EXP. JT.	EXPANSION JOINT	R.O.	ROUGH OPENING
EXT.	EXTERIOR	R.R.	REST ROOM
F.D.	FLOOR DRAIN	SECT.	SECTION
FLR.	FLOOR	SIM.	SIMILAR
FT.	FEET	SPEC.	SPECIFICATIONS
F.S.	FLOOR SINK	S.S.	STAINLESS STEEL
FTG.	FOOTING	STL.	STEEL
GALV.	GALVANIZED	STRUC.	STRUCTURAL
G.C.	GENERAL CONTRACTOR	T & B	TOP AND BOTTOM
G.W.B.	GYP-SUM WALL BOARD	T & G	TONGUE AND GROOVE
H.M.	HOLLOW METAL	T/	TOP OF
HORIZ.	HORIZONTAL	TUBE	TUBE STEEL
H.P.	HORSEPOWER	U.N.O.	UNLESS NOTED OTHERWISE
HT.	HEIGHT	VERT.	VERTICAL
H.VAC	HEATING, VENTILATION, AND AIR CONDITIONING	W.C.	WATER CLOSET
ID.	INSIDE DIAMETER	WD.	WOOD
IN.	INCH	W.H.	WATER HEATER
INFO.	INFORMATION	W/O	WITH OUT
		WMF	WOVEN WIRE FABRIC

INFORMATION

PROJECT LOCATION

EXTRUNET AMERICA

903 INDUSTRIAL DRIVE
TECUMSEH, MICHIGAN 49286

BUILDING OWNER:

EXTRUNET AMERICA

903 INDUSTRIAL DRIVE
TECUMSEH, MICHIGAN 49286

CONTACT PERSON:

MS. JENNIFER LAHRING
CONTROLLING

PHONE No. (517) 270-7048

PROJECT ENGINEER

ARBOR CORPORATION

3112 SPRING HOLLOW CT.
ANN ARBOR, MI. 48105

PHONE No. (734) 276-8672

GOVERNING AGENCIES

CITY OF TECUMSEH BUILDING AND ZONING DEPARTMENTS

COUNTY OF LENAWEE

STATE OF MICHIGAN

GENERAL CONTRACTOR

DAVENPORT BROTHERS CONSTRUCTION Co., INC.

301 INDUSTRIAL PARK DRIVE
BELLEVILLE, MICHIGAN 48111

PHONE No. (734) 697-2994

CONTACT PERSON:

MR. HARLAN DAVENPORT
PRESIDENT

PHONE No. (313) 218-0464

INDEMNIFICATION STATEMENT

PROJECT STATEMENT

THE PROPOSED PROJECT IS FOR A PRE-ENGINEERED BUILDING ADDITION FOR ASSEMBLY OF EXTRUSION MACHINERY AND WAREHOUSING OF THE SAME.

THE PROPOSED BUILDING ADDITION WILL ABUT THE EXISTING PRE-ENGINEERED BUILDING, WHICH IS TO REMAIN.

NO HAZARDOUS MATERIALS AND/OR SUBSTANCES ARE TO BE STORED ON SITE. THE PROPERTY WILL HAVE WEEKLY TRASH DISPOSAL, AND ALL REFUSE IS TO BE STORED IN THE DUMPSTERS WITHIN THE FENCED AREA, LOCATED ON THE SOUTH SIDE OF THE EXISTING BUILDING.

DRAWING INDEX

T1.0 TITLE AND PROJECT INFORMATION SHEET

CIVIL DRAWINGS

C1 SITE PLAN

C2 TOPOGRAPHIC SURVEY PLAN

LANDSCAPE DRAWINGS

L1 SITE PLAN

ARCHITECTURAL DRAWINGS

A1.0 PROPOSED FLOOR PLAN

A2.0 BUILDING EXTERIOR ELEVATIONS

ASSEMBLY / WAREHOUSE ADDITION EXTRUNET AMERICA 903 INDUSTRIAL DR. TECUMSEH, MICHIGAN

TITLE AND PROJECT INFORMATION

DESIGNED BY	LDW	DATE	MAY 2022
DRAWN BY	LDW	DATE	MAY 2022
CHECKED BY	LDW	DATE	MAY 2022
EDIT	FILE		
SCALE	VARIABLES		
DRAWING			
PLOT			
PROJECT			220420
SHEET NO.			T1.0

L. WARDEN, DESIGNER

LANCE WARDEN, BUILDING SPECIALIST L.L.C.

3819 PINEVIEW DRIVE EAST DEXTER, MICHIGAN 48130

PHONE No.: (734) 276-8672



811
(TOLL FREE)
BEFORE STARTING YOUR PROJECT
CALL
MISS DIG
ON WORKING DAYS
ELECTRIC, GAS, WATER, CABLE,
TELEPHONE, AND OTHER
UTILITIES ARE LOCATED
NEAR OR OVERHEAD
IN THE AREA OF YOUR
PROJECT. CALL
MISS DIG
AT 1-800-487-4871
TO GET THE LOCATION
OF THESE UTILITIES
BEFORE YOU START
YOUR PROJECT.

RAISIN CENTER HIGHWAY & PENN CENTRAL RAILROAD

LEGAL DESCRIPTION

PROVIDED BY CLIENT. A PARCEL OF LAND BEING LOCATED IN THE CITY OF TECUMSEH, COUNTY OF LENAWEE, STATE OF MICHIGAN, BEING DESCRIBED AS:
LOT 24 OF INDUSTRIAL PARK #1, CITY OF TECUMSEH.
SAID PARCEL CONTAINING 2,500 ACRES.
ALSO
LOT 26 OF INDUSTRIAL PARK #1, CITY OF TECUMSEH.
SAID PARCEL CONTAINING 1.26 ACRES.
TAX ID #X10-555-0260-00.

ZONING AND SETBACKS

ADJOINING PROPERTY ZONING:
NORTH LT
EAST LT
WEST LT
SETBACKS
BLDG. HEIGHT 40'
FRONT 50'
SIDE 12'
REAR 24'

REQUIRED NOTES

1. ALL CONSTRUCTION SHALL CONFORM TO THE CURRENT STANDARDS, SPECIFICATIONS AND GENERAL CONDITIONS OF THE CITY OF TECUMSEH.
2. THE DEVELOPER IS RESPONSIBLE FOR RESOLVING ANY DRAINAGE PROBLEMS ON ADJACENT PROPERTIES WHICH ARE THE RESULT OF THE DEVELOPERS ACTIONS.

REQUIRED PARKING

1 SPACE FOR EVERY 550 S/F OF SHOP/MANUFACTURING FLOOR AREA + 1 SPACE PER 350 S/F/ OF OFFICE FLOOR AREA.
TOTAL NUMBER EMPLOYEES AT PEAK USAGE: 12.
20,000 S/F SHOP / 550 = 36.4 ~ 37
2,680 S/F OFFICE / 350 = 7.7 ~ 8
TOTAL SPACES REQUIRED = 45
14 REGULAR SPACES
1 HANDICAP SPACE
45 TOTAL SPACES

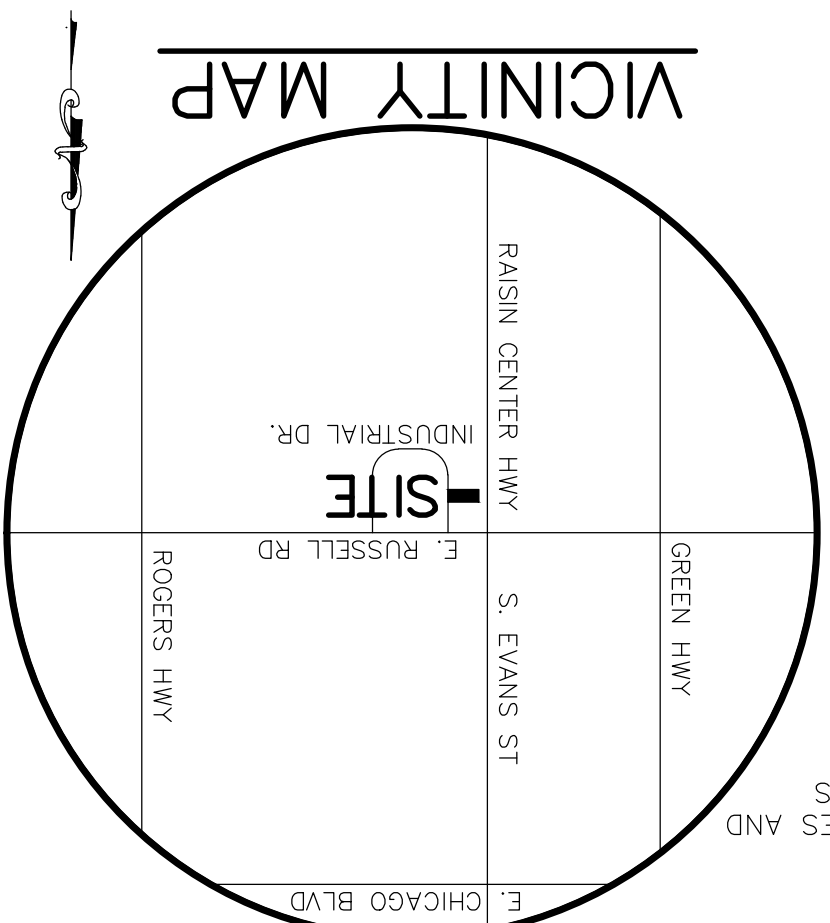
SITE DATA

PER USDA SOIL SURVEY THE SITE IS COMPRISED OF F8B FOX COBBLY GRAVELLY LOAM, 3 TO 7 PERCENT CLOPES.
TOTAL EXISTING FLOOR AREA = 12,688 S/F
TOTAL PROPOSED FLOOR AREA = 10,000 S/F
TOTAL PROPOSED USABLE AREA = 21,448 S/F
TOTAL PROPOSED FLOOR AREA = 22,688 S/F

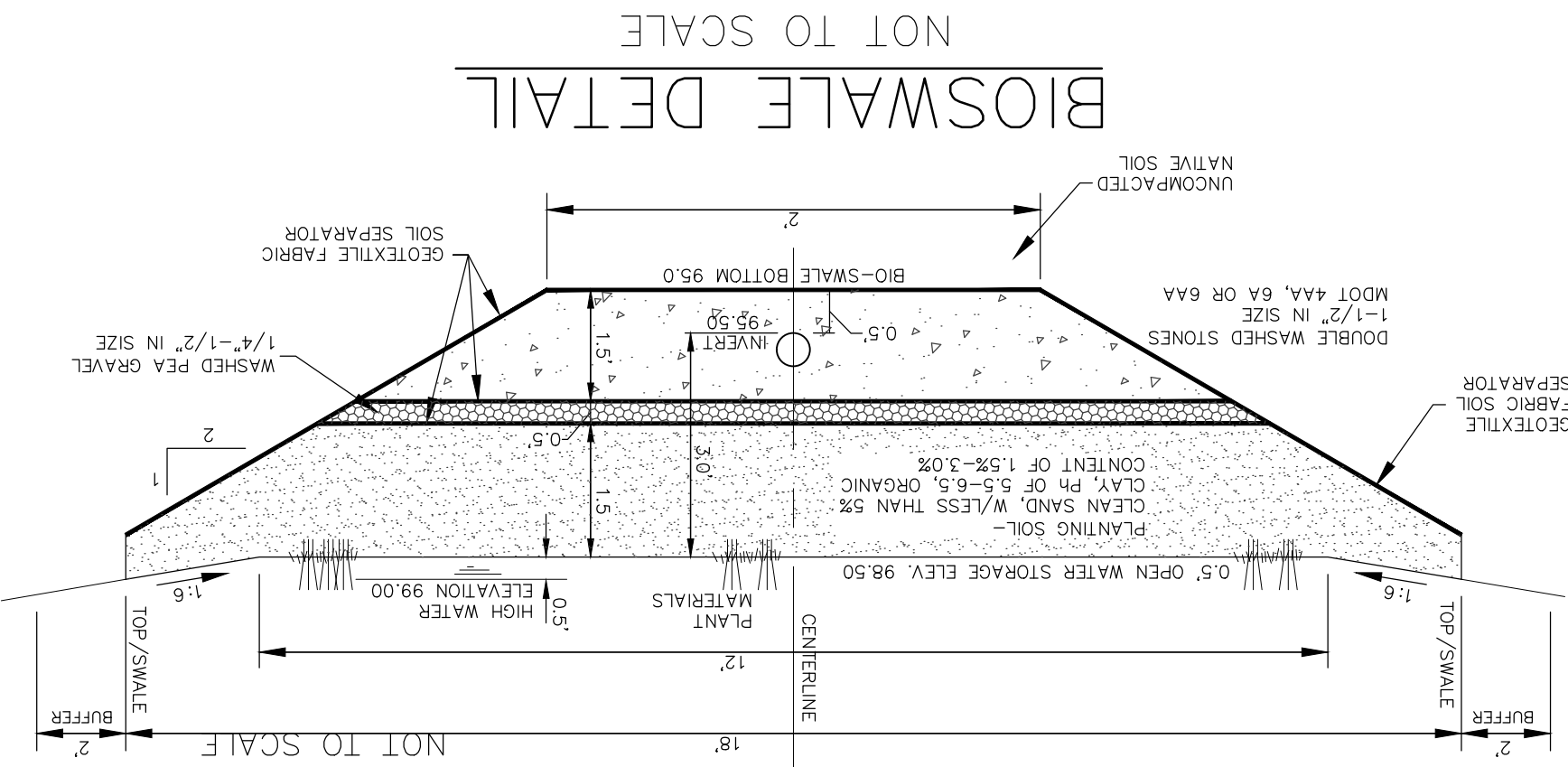
PROPERTY CONTACT

EXTRUNET AMERICA, INC
903 INDUSTRIAL DRIVE
TECUMSEH, MI 49286
CONTACT: JENNIFER LAHRING
EMAIL: JENNIFER.LAHRING@EXTRUNET.COM

VICINITY MAP



BIOSWALE DETAIL



DESIGN CRITERIA

Land Use Summary	area (ac)	coefficient	weighted c
Water surface	0.00	1.00	0.00
Roofs	0.23	0.95	0.2185
Asphalt, concrete	0.00	0.90	0.00
Gravel	0.00	0.80	0.00
Soil A	0.00	0.15	0.00
Soil B	0.00	0.25	0.00
Soil C	0.80	0.30	0.24
Soil D	1.03	0.45	0.46
allowable outflow	0.445	cfs	
no outlet allowable	0.200	cfs	
Allowable Outlet Qo =	0.200	cfs	

SOLUTION

Qo = 0.424 cfs/imp. ac.
T = 122.29 min.
V5 = 10133.33 cf
V1 = 1875.45 cf
Required Storage Volume (Vt) = 1875.45 cf

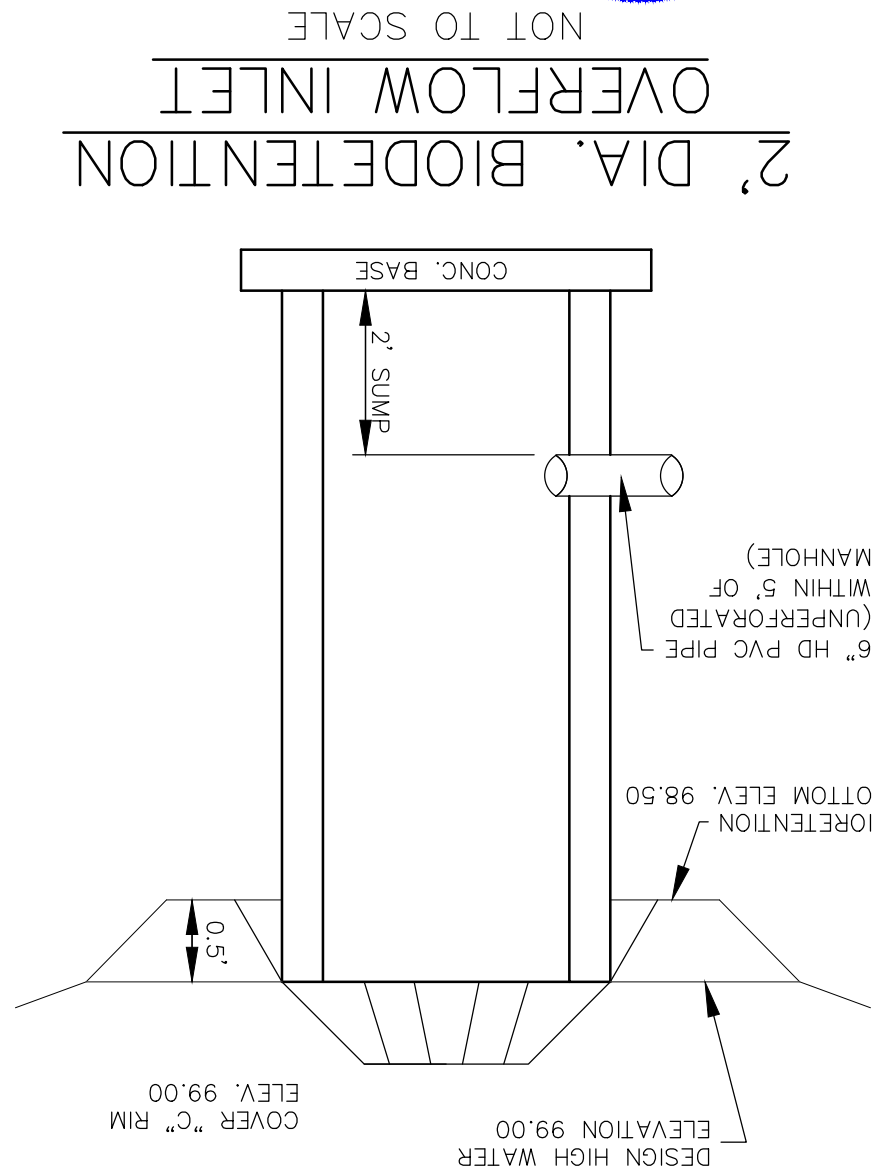
Storage Volume Provided

bio-swale:
Elev topswale 99.00 ft
Depth area 1 0.5 ft
Depth area 2 3.5 ft

ENTER ELEV. AND AREA	ELEV.	AREA	VOLUME	CUM. VOL.	DEPTH
	99.00	2.125	0.00	0.00	0.00
	98.50	2.125	1.279	1.279	0.50
	98.00	2.125	3.603	4.882	0.50
	97.50	2.125	5.927	10.809	0.50

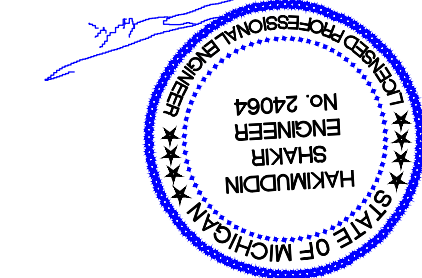
depth at first layer (water depth) = 0.50 ft
storage volume layer 1 = 1.279 cu ft
storage area layer 2 = 3603.19 sq ft
assume 20% storage within second layer = 720.64 sq ft
Total quantity provided = 2000.25 sq ft, greater than 1875.45 sq ft, 6.65%

2' DIA. BIODETENTION OVERFLOW INLET

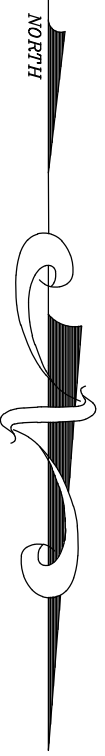


DRAINAGE TYPES

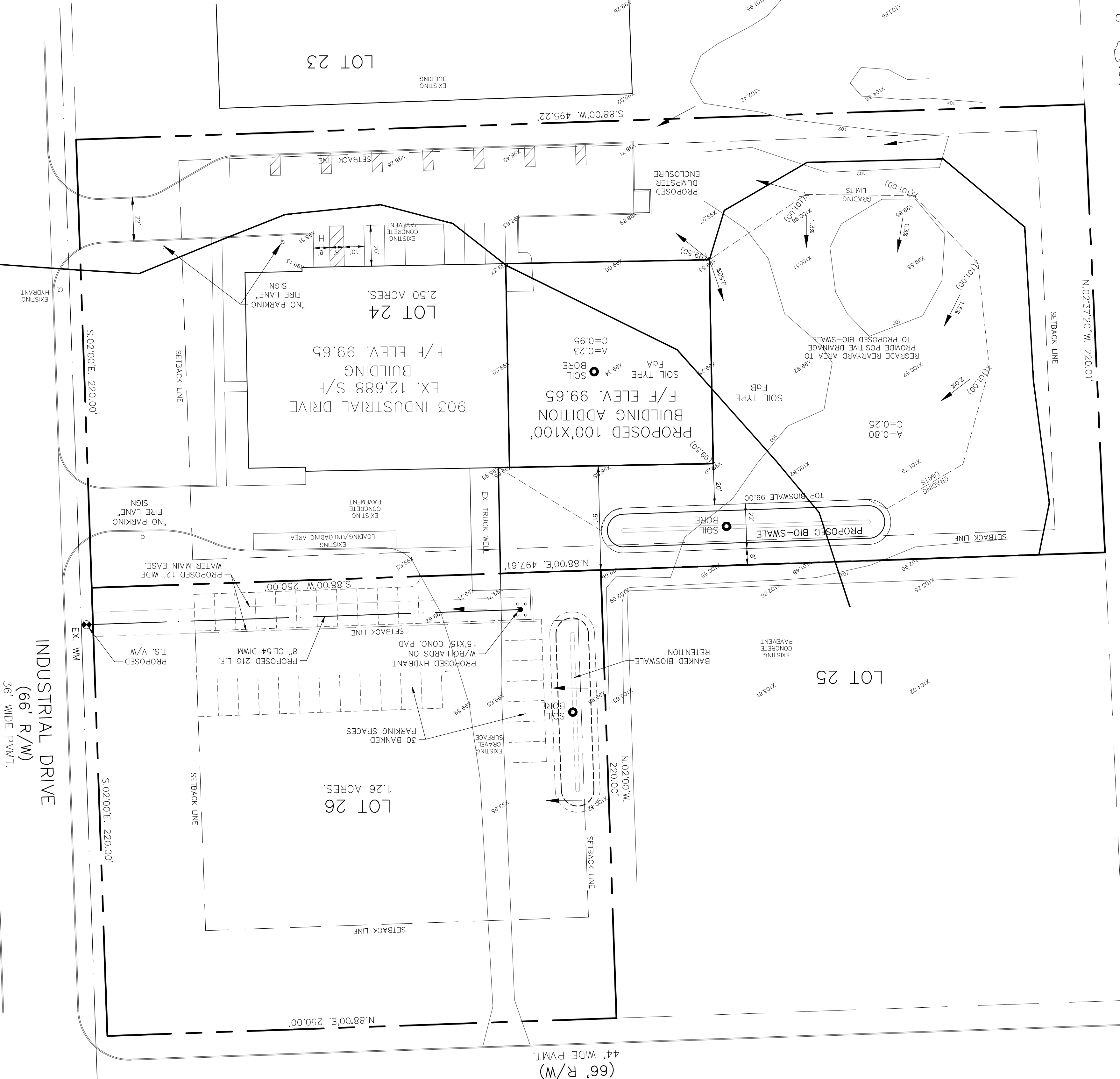
0.23 ACRES IMPERVIOUS (C=0.95)
0.80 ACRES PERVIOUS (C=0.25)
1.03 ACRES TOTAL (C=0.46)
X000.00 EXISTING SPOT ELEVATION
X000.00 PROPOSED SPOT ELEVATION



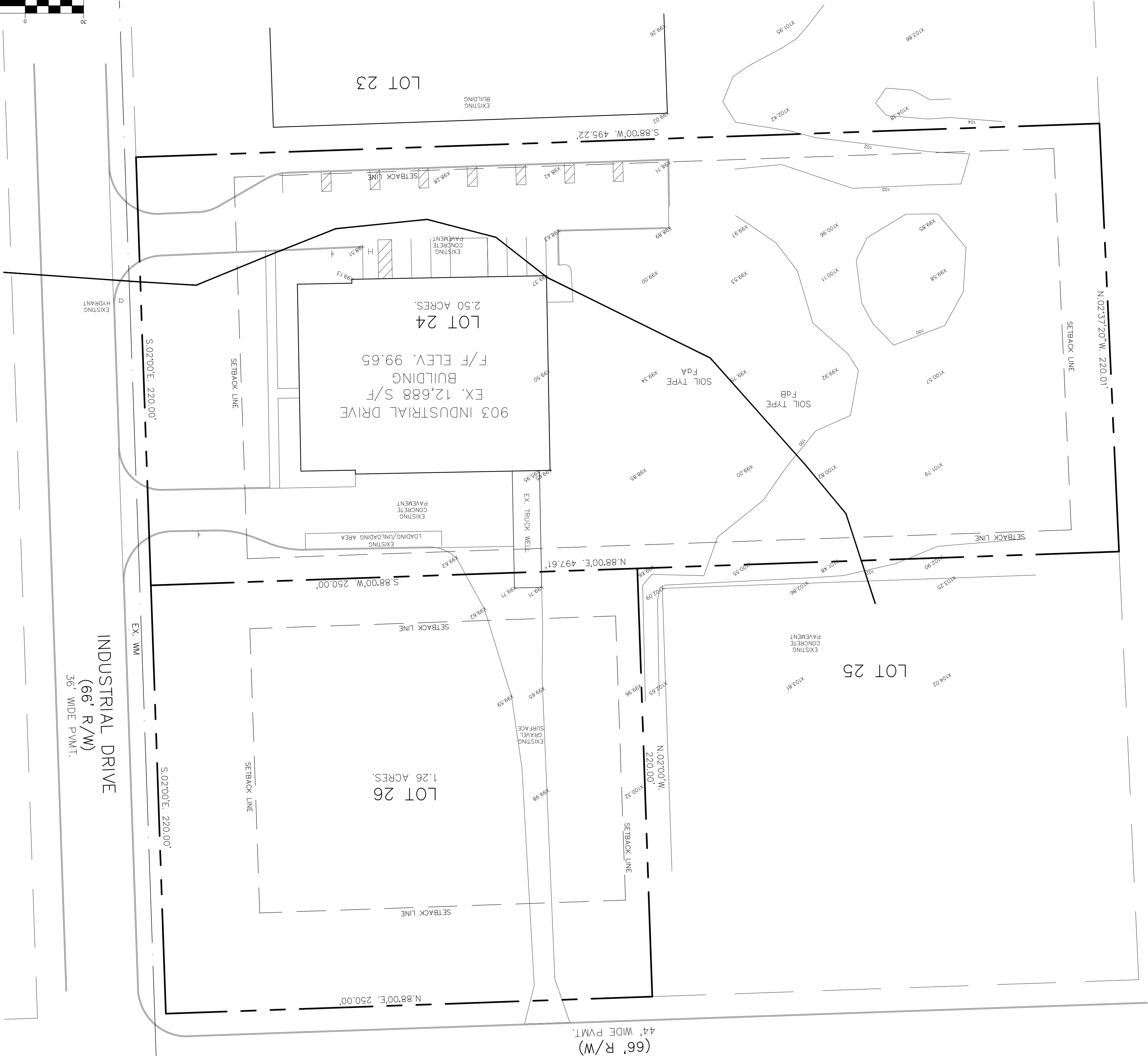
GRAPHIC SCALE
1 inch = 30 ft



INDUSTRIAL DRIVE (66' R/W) 36' WIDE P.W.M.T.



RAISIN CENTER HIGHWAY
& PENN CENTRAL RAILROAD



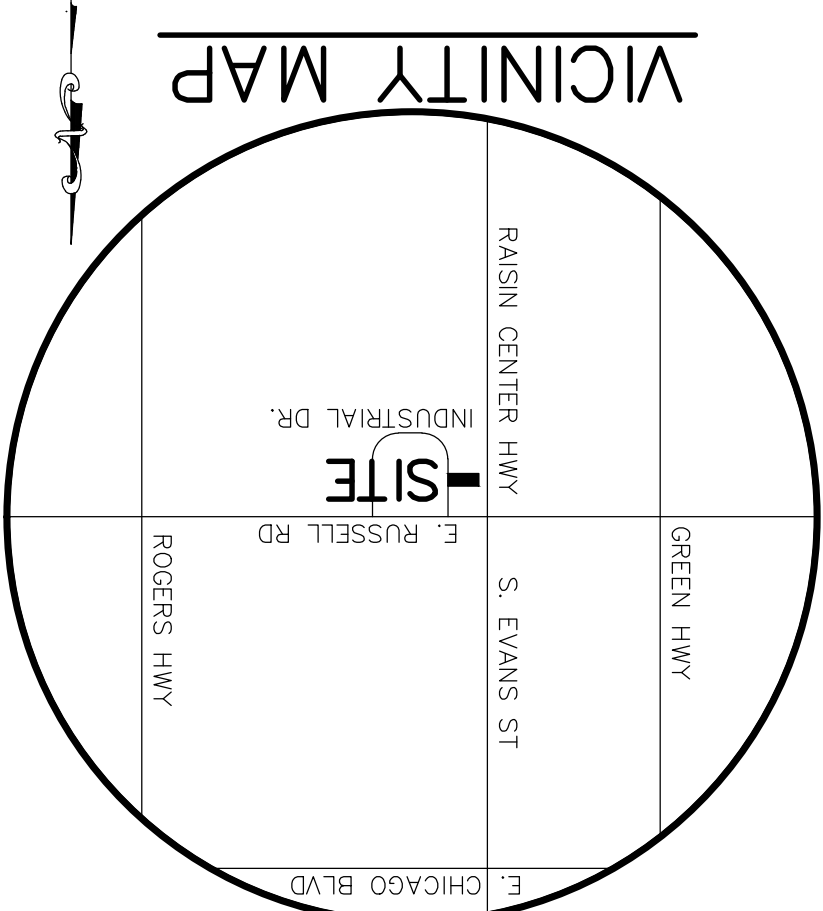
ZONING AND SETBACKS

PROVIDED BY CLIENT. A PARCEL OF LAND BEING LOCATED IN THE CITY OF TECUMSEH, COUNTY OF LENAWEE, STATE OF MICHIGAN; BEING SAID PARCEL CONTAINING 2.500 ACRES.
DESCRIBED AS:
LOT 24 OF INDUSTRIAL PARK #1, CITY OF TECUMSEH.
TAX ID #X10-555-0240-00.
ALSO
SAID PARCEL CONTAINING 1.26 ACRES.
TAX ID#X10-555-0260-00.
LOT 26 OF INDUSTRIAL PARK #1, CITY OF TECUMSEH.

PROPERTY CONTACT

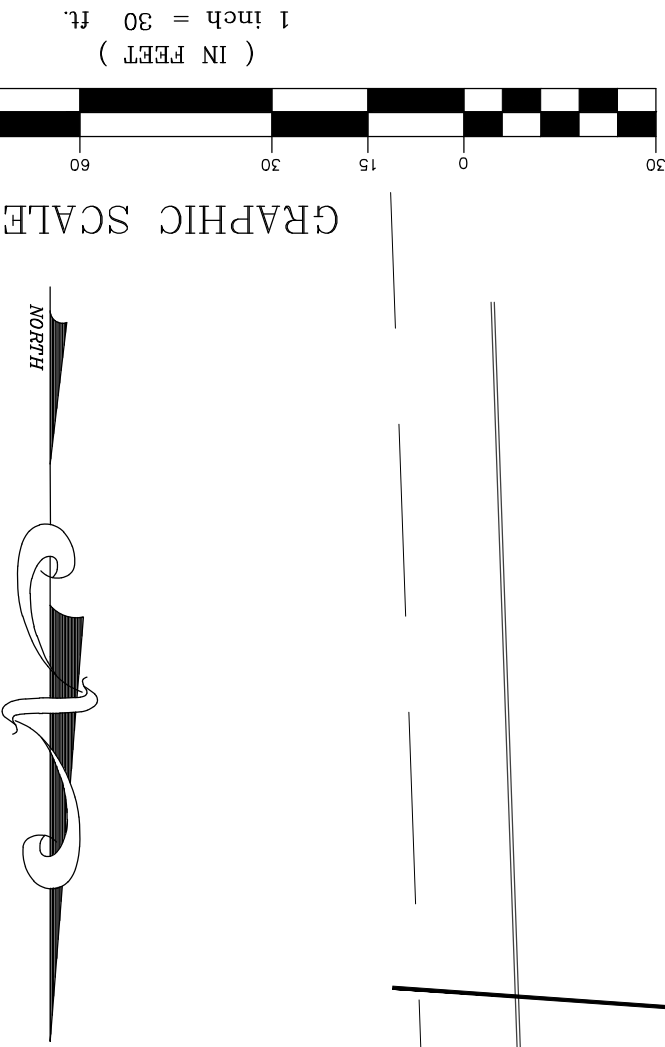
EXTRUNET AMERICA, INC
903 INDUSTRIAL DRIVE
TECUMSEH, MI 49286
(517) 301-5404
CONTACT: JENNIFER LAHRING
EMAIL: JENNIFER.LAHRING@EXTRUNET.COM

VICINITY MAP



LEGEND

X000.00' EXISTING SPOT ELEVATION



WHEN GOING
NEAR OVERTAKING
OR WORKING
ELECTRIC WIRE IN
MICHIGAN, CALL
MISS DIG
BEFORE STARTING YOUR PROJECT
3 WORKING DAYS
(TOLL FREE)
811

SHEET NO.	JOB NO.	DRAWING NO.	DATE	REVISIONS	EXTRUNET AMERICA, INC 903 INDUSTRIAL DRIVE TECUMSEH, MI 49286	TOPOGRAPHIC SURVEY PLAN	HARDY CIVIL DESIGN SERVICES, LLC 4996 MOORE ST. WAYNE, MI 48184 (734) 756-2196 E-mail: lbhardy1964@hotmail.com
2 OF 2	2022-14	A-	05-04-22	06-24-22			
		DRAWN BY:	CHECKED BY:				

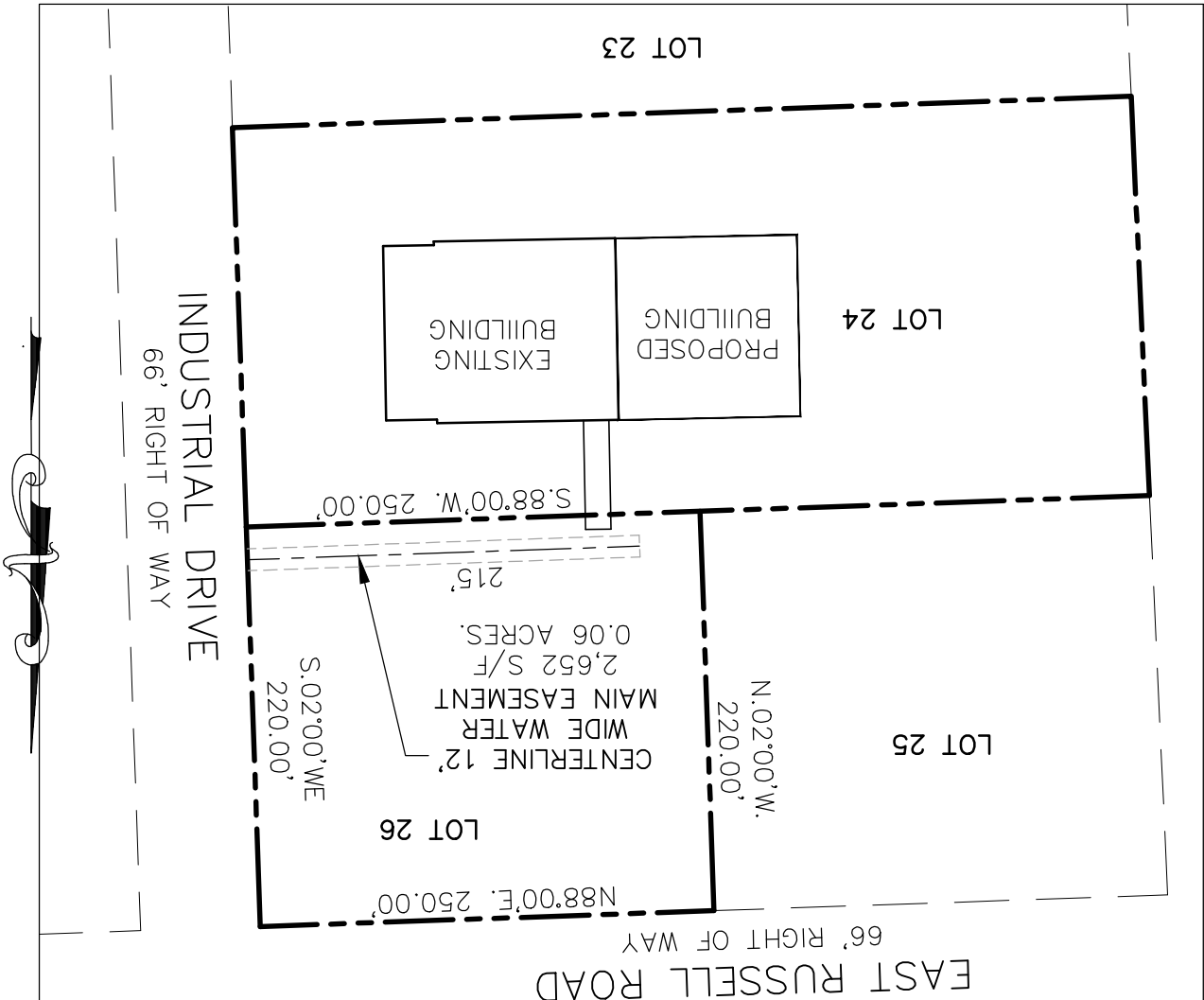
**CIVIL DESIGN
SERVICES LLC**
4996 MOORE ST.
WAYNE, MI 48184
(734) 756-2196 // kbhardy1964@hotmail.com

**WATER MAIN EASE.
12' WIDE EASEMENT**
903 INDUSTRIAL DRIVE
CITY of TECUMSEH,
LEWIS & CLARK COUNTY, MI

DATE: 06-24-2022
JOB NO. 2022-14
DWG NO. D-
SHEET: 1 of 1
SCALE: 1"=100'

PARCEL: LOT 26 OF INDUSTRIAL PARK #1, CITY OF TECUMSEH, LENAWEE COUNTY, MI. SAID PARCEL CONTAINING 1.26 ACRES. TAX ID#XTO-555-0260-00.

PROPOSED 12' WATER MAIN EASEMENT: SAID EASEMENT BEING THE NORTHERLY 12 FEET OF THE SOUTHERLY 24 FEET OF THE EASTERLY 216.00 FEET OF LOT 26 OF INDUSTRIAL PARK #1, CITY OF TECUMSEH, LENAWEE COUNTY, MI. SAID EASEMENT CONTAINING 2,652 S/F - 0.06 ACRES.



ASSEMBLY / WAREHOUSE BUILDING ADDITION
903 INDUSTRIAL DR.
TECUMSEH, MICHIGAN

FLOOR PLAN

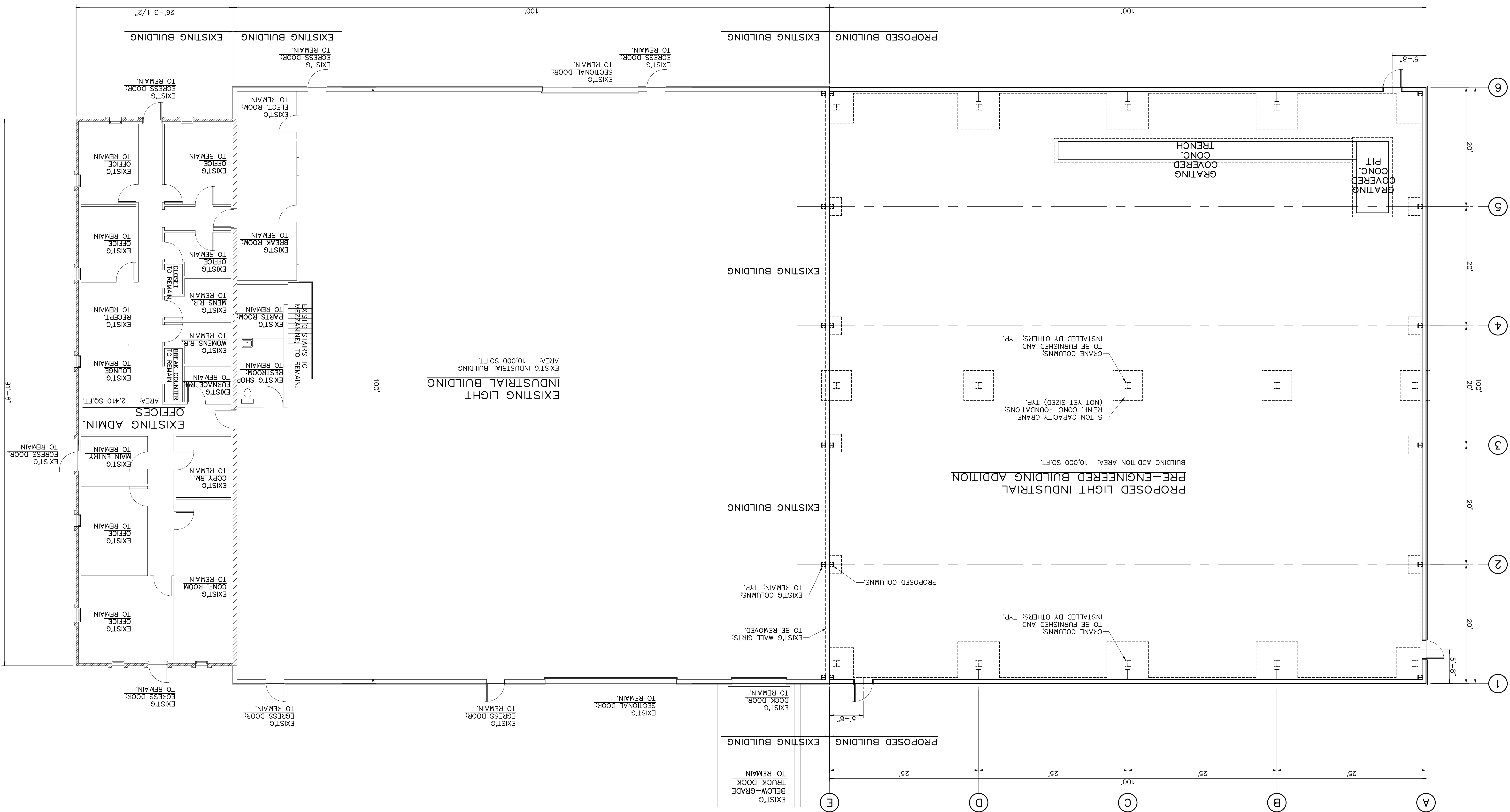
1	REVIEW ONLY	L.D.W.	4/27/22
2	REVISED PER MEETING W/ CLIENT	L.D.W.	3/11/22
3	ADDED EXIST'G BUILDING AREAS	L.D.W.	4/1/22
4	-	-	-
	REVISIONS	BY	DATE

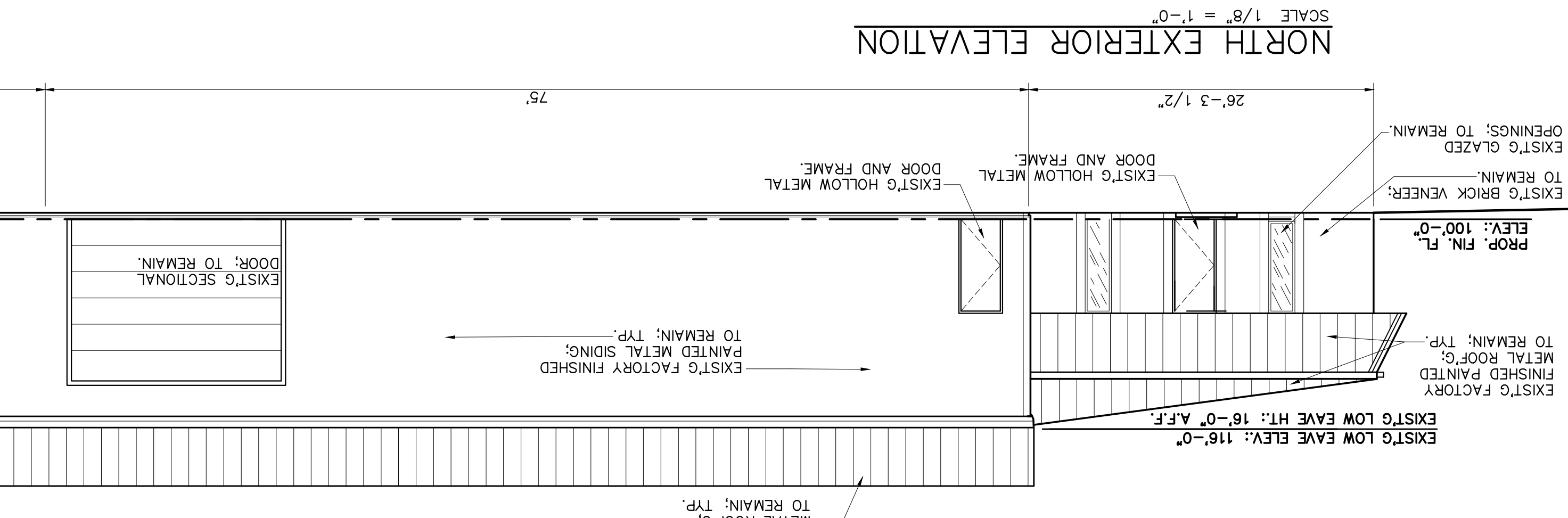
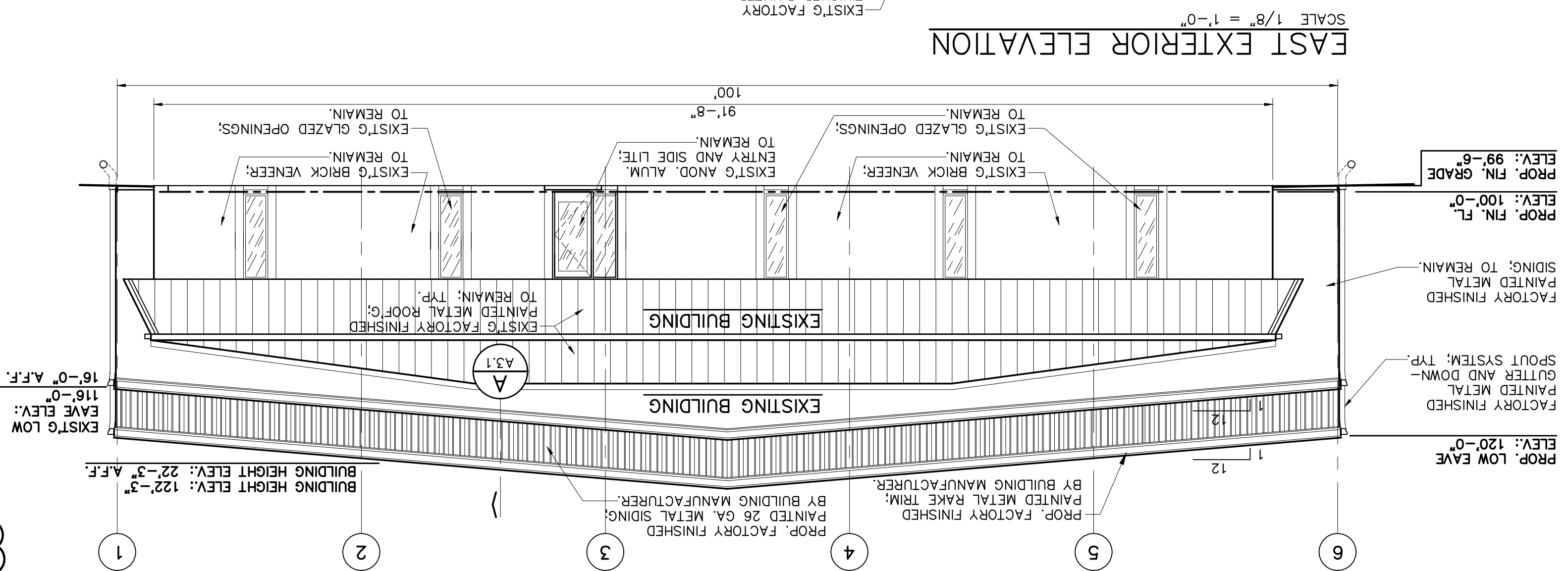
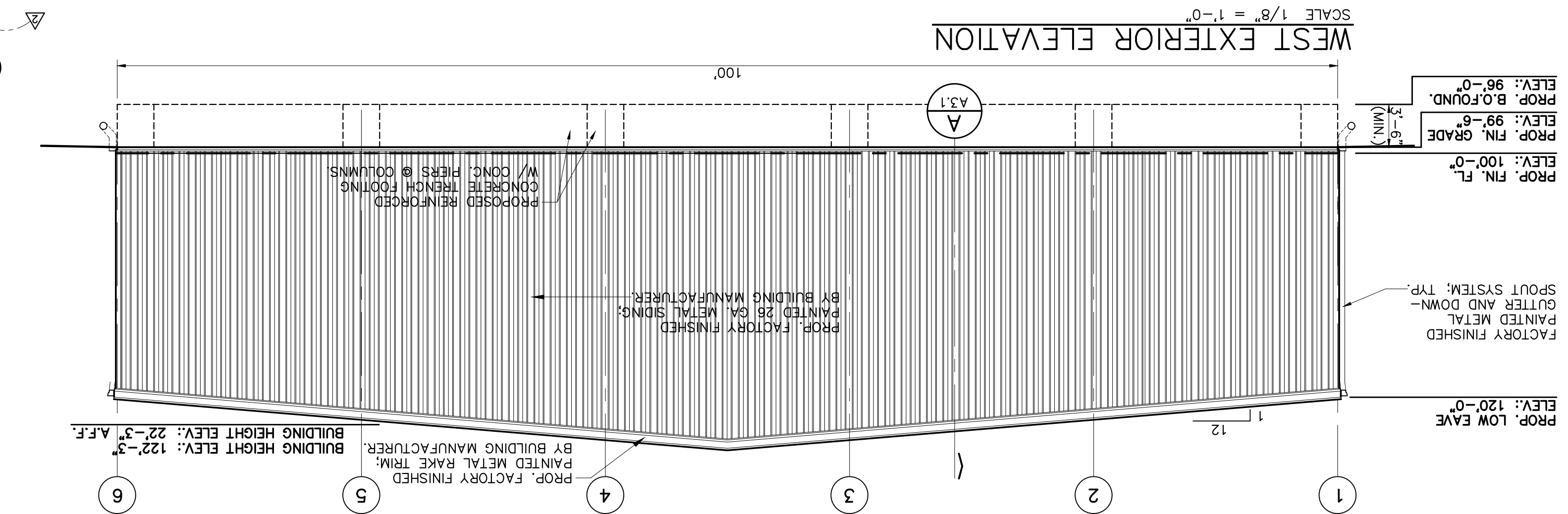
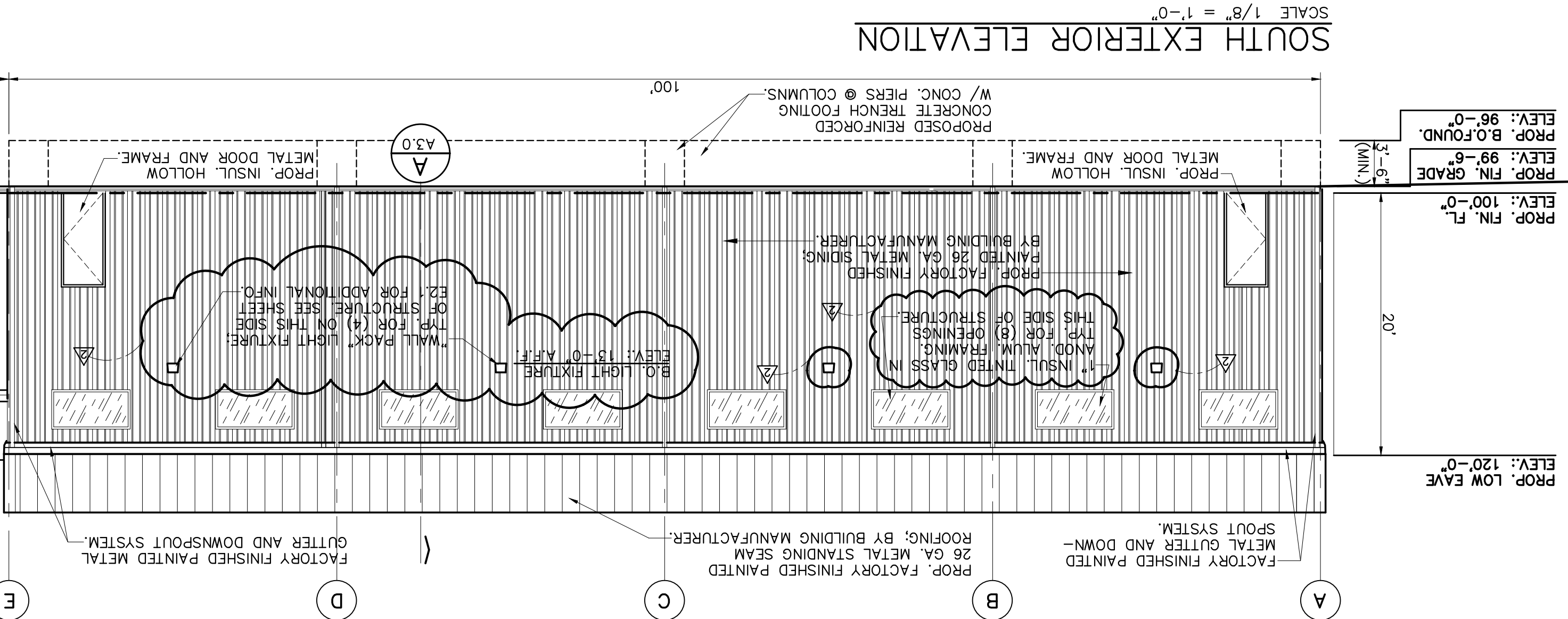
L. WARDEN, DESIGNER
LANCE WARDEN, BUILDING SPECIALIST L.L.C.

3819 PINEVIEW DRIVE EAST DEXTER, MICHIGAN 48130
 PHONE No.: (734) 276-8672

L. WARDEN, DESIGNER
LANCE WARDEN, BUILDING SPECIALIST L.L.C.

3819 PINEVIEW DRIVE EAST DEXTER, MICHIGAN 48130
PHONE No.: (734) 276-8672





BUILDING ADDITION EXTERIOR FINISHES

SIDING: 3"-26 GA. FACTORY FINISHED INSULATED STEEL PANELS, BY BUILDING MANUFACTURER. COLOR IS DARK GRAY (CHARCOAL).

TRIM: 26 GA. FORMED AND FACTORY FINISHED BY BUILDING MANUFACTURER. CORNERS, FASCIA, WINDOW AND DOOR TRIMS. COLOR IS TO BE DARK GRAY, TRIMS INCLUDES (BUT ARE NOT LIMITED TO) FACTORY FINISHED PAINTED METAL SIDING.

ROOF: 26 GA. GALVALUME STANDING SEAM AND FACTORY FINISHED PANELS, BY BUILDING MANUFACTURER.

TYPICAL PROPOSED WALL PACK LIGHTING

SCALE N.T.S.

LWP - FC - MN

Prepared By: _____ Date: _____

Comments: _____

Project: _____

Catalog Number: _____

Technical Specifications

Description

The LWP-FC-MN is a compact, surface-mountable LED lighting fixture designed for industrial and commercial applications. It features a robust, die-cast aluminum housing with a powder-coated finish for corrosion resistance. The fixture is designed to be mounted on a variety of surfaces, including concrete, masonry, and metal. It is available in multiple mounting orientations and is compatible with standard LED modules.

Performance Data

Model	Watts	Equip. Lumen	Delivered Efficacy
LWP-FC-MN-15	14W	1500W HID	113 LPW
LWP-FC-MN-15-WIDE	13W	1500W HID	114 LPW
LWP-FC-MN-25	25W	175W HID	114 LPW
LWP-FC-MN-25-WIDE	23W	175W HID	100 LPW

Dimensions & Weights

Model	Width	Height	Depth	Weight
LWP-FC-MN	8.34"	8.66"	9.12"	7.2 lbs.

Performance Data

LED Lifetime: All LEDs are rated for a minimum of 100,000 hours of continuous operation at ambient temperatures from -40°F to 140°F.

Color Temperature: 2700K, 3000K, 4000K, 5000K, 6000K, 8000K.

Effective Projected Area (EPA): 0.88 ft².

Beam Angle: 120°.

Input Voltage: 120-277V or 347-480V.

Power Factor: > 0.95.

Temperature Class: Class II.

Mounting: The unit is designed for surface mounting. It is compatible with standard mounting brackets and is designed to be installed in a variety of locations.

Warranty: The unit is warranted for a period of 5 years against manufacturing defects.

Notes: The unit is designed for use in industrial and commercial environments. It is not intended for use in residential applications.

Images:

