

Meeting Agenda
City of Springboro Planning Commission Meeting
Wednesday, April 29, 2020, 6:00 p.m.

PUBLIC NOTICE:

Per Ohio House Bill 197, passed in March 2020 in response to the COVID-19 state of emergency, Section 12(A), the Springboro Planning Commission will conduct its Wednesday, April 29, 2020 Meeting via video conference at 6:00 p.m. EDT. Visit the City of Springboro website at <https://www.cityofspringboro.com/CivicAlerts.aspx?CID=6,1> for a link to connect to the meeting.

- I. Call to Order
- II. Approval of Minutes
 - A. February 26, 2020 Planning Commission Meeting
- III. Agenda Items
 - A. Site Plan Review, 125 Commercial Way, warehouse addition to Woodhull USA, LLC
- IV. Guest Comments
- V. Planning Commission and Staff Comments
- VI. Adjournment

City of Springboro
320 West Central Avenue, Springboro, Ohio 45066
Planning Commission Meeting
Wednesday, February 26, 2020

I. Call to Order

Vice Chairperson Chris Pearson called the Springboro Planning Commission Meeting to order at 6:10 p.m. at the Springboro Municipal Building, in Council Chambers, 320 West Central Avenue, Springboro, Ohio.

Present: Mark Davis, Chris Pearson, Robert Dimmitt, John Sillies. Absent: Steven Harding, Becky Iverson, Becky Hartle.

Staff: Dan Boron, City Planner; Elmer Dudas, Development Director; Chad Dixon, City Engineer; Ann Burns, Planning Commission Secretary,

Mr. Davis motioned to excuse Mr. Harding, Ms. Hartle and Ms. Iverson. Mr. Sillies seconded the motion.

Vote: Dimmitt, yes; Pearson, yes; Sillies, yes, Davis, yes. (4-0)

II. Approval of Minutes

A. January 29, 2020 Planning Commission and February 12, 2020 Work Session Minutes

Mr. Pearson asked for corrections or additions to the minutes.

There were none.

Mr. Sillies motioned to approve the January 29, 2020 Planning Commission minutes as submitted. Mr. Dimmitt seconded the motion.

Vote: Pearson, yes; Davis, yes; Sillies, yes. Dimmitt, yes. (4-0)

Mr. Dimmitt motioned to approve the February 12, 2020 Work Session minutes as submitted. Mr. Davis seconded the motion.

Vote: Pearson, yes; Davis, yes; Sillies, yes. Dimmitt, yes. (4-0)

III. Agenda Items

A. Record Plan – Wright Station, Section Two

Background Information

The enclosed submittal is for Wright Station Section Two, being a replat of existing lots 3, 5, and 6. Section Two contains approximately 2.5 acres and is being platted for future

development. Upon Planning Commission approval, it will proceed to City Council for final review and approval. Staff recommends approving said record plan contingent upon meeting staff comments as noted below.

Staff Recommendation

Staff recommends approving the Record Plan for Wright Station, Section 2, subject to the following conditions:

1. Revise plat according to Warren County review comments, if any.

Discussion:

Mr. Dudus reported that this was the northwest corner of SR 73 and SR 741 and this area is being platted for future development. These are the most current changes and will be forwarded to City Council for approval.

Mr. Pearson asked why this was necessary.

Mr. Dudus replied it was minor changes to text and numbering to make them more continuous which will assist with future development.

Mr. Pearson asked for a motion to approve the Record Plan for Wright Station, Section 2.

Mr. Sillies made a motion to approve. Mr. Dimmitt seconded the motion.

Vote: Pearson, yes; Davis, yes; Sillies, yes, Dimmitt, yes. (4-0)

B. Code Text Amendment – Recreational Vehicle Storage

Discussion:

Mr. Boron referred to his memorandum of February 20, 2020 regarding this agenda item. He pointed out one significant change since the previous review of this matter, it was in Section F (1), the width of the storage area was changed from eight to ten feet. Also, the word "thirty" will be spelled out as well as numerical. The time frame is also spelled out from May 15 to September 15. There is also the addition of Section H. He stated that the remainder of the text remains the same.

Mr. Boron explained that staff is recommending approval of City Council at their March 5 meeting. He shared a letter of support from Mr. Harding since he could not be here tonight. Ms. Hartle also shared her support of the amendment.

Mr. Davis confirmed the most recent change is the addition of Section H.

Mr. Boron reviewed Section H, confirming that storage is allowed in both rear and side yards; vehicles cannot be stored on a gravel surface; and the temporary provision on a seasonal basis.

Mr. Davis asked about notifying the area HOAs.

Mr. Boron stated he would discuss this with Ms. Iverson.
Mr. Pearson clarified that the HOA can be more restrictive, but not less.

Mr. Pearson asked for a motion to approve the Code Text Amendment for Recreational Vehicle Storage.

Mr. Davis made a motion to approve. Mr. Sillies seconded the motion.

Vote: Pearson, yes; Davis, yes; Sillies, yes, Dimmitt, yes. (4-0)

IV. Guest Comments

There were no guest comments.

V. Planning Commission and Staff Comments

A. Discussion, Combined Work Session/Regular meetings.

Mr. Boron referred to the memo included in the meeting materials which provided some background information on this subject. Planning Commission used to have combined meetings in the past, but they meetings were separated into a separate work sessions to accommodate review of the City's land use plan in 1998. After the adoption of the land use plan, the Commission decided to continue with the work session meetings to allow time to review cases including rezoning, text amendments and site plan reviews. Mr. Boron further reviewed staff's recommendation to combine the two meetings to be held the second Wednesday of the month. He explained that the Planning and Zoning Code will need to be amended to formally incorporate this proposed change.

Mr. Pearson stated he had no problem with this proposal. Mr. Davis asked if the informal session would be held first, or have one meeting.

Mr. Boron confirmed there would be one meeting. It is actually staff's recommendation to conduct the formal meeting first, and then have the work session discussion after. He noted that this schedule would actually cut out two weeks of the review process, and there are some items, such as record plans, that would go straight to the regular meeting. Mr. Boron noted there are still details to be worked out, and this would also eliminate the holiday conflicts in November and December.

Mr. Davis asked if there is any down side to this proposed schedule.

Mr. Boron shared that the Clerk of Council noted that it should be conducted as one meeting rather than two; and staff will need to be mindful of the 30 day review time for public hearings. He stated that the City Manager supports the proposed change.

Mr. Boron noted this was only for discussion tonight, and more details can be worked out, with a possible start date of April. The text change will be presented soon.

Mr. Boron proposed that the March 25th meeting be re-scheduled to Tuesday, March 31st, if it is needed. All members present were in agreement.

Adjournment

*Mr. Sillies motioned to adjourn the February 26, 2020 Planning Commission Regular Meeting at 6:47 p.m.
Mr. Davis seconded the motion.*

Vote: Pearson, yes; Davis, yes; Sillies, yes, Dimmitt, yes. (4-0)

Becky Iverson, Planning Commission Chairperson

Dan Boron, Planning Consultant

Ann Burns, Planning Commission Secretary

**Background Information & Staff Recommendation
City of Springboro Planning Commission Meeting
Wednesday, April 29, 2020, 6:00 p.m.**

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III. Agenda Items

**A. Site Plan Review
125 Commercial Way, addition to Woodhull**

Background Information

This agenda item is based on a request filed by John Roll, Roll & Associates Architects, representing Woodhull USA LLC, property owner, seeking approval for the construction of a 12,000-square foot stand-alone office/warehouse adjacent to the existing Woodhull office/warehouse building located 125 Commercial Way. As indicated in the submitted plans the applicant proposes to construct the office/warehouse on the south side of their property.

The proposed addition was reviewed on a preliminary basis at the February 12, 2020 Planning Commission work session, however the addition was originally 18,000 square feet in area. Sheet 1 in the submitted plans shows the proposed 18,000-square foot build out as a hatched line to the left/west of the current. At that February 12th meeting the Planning Commission authorized the addition to be placed on a future meeting agenda for formal action.

The existing Woodhull office and warehouse building was approved by the Planning Commission in 2007 as an 11,620-square foot building. A 4,186-square foot addition was approved by the Planning Commission in 2016.

The subject property is zoned ED, Employment Center District. The ED allows the existing use as well as a large number of community, civic and institutional, commercial and service, and light industrial uses. ED zoning is also located to the east (Haas Factory Outlet), to the north on the north side of Commercial Way (the former site of the dialysis center) and south (undeveloped property owned by the City of Springboro). To the west is I-75 and the City of Springboro corporate boundary.

Staff Recommendation

City staff recommends APPROVAL of the site plan for 125 Commercial Way subject to the following conditions:

1. Staff recommends allowing applicant to use existing vegetation on property in lieu of additional landscaping required as part of this site plan pending commitment to maintain trees 4 inches dbh or greater, with emphasis on preserving vegetation on the west side of property.

2. Proposed wall pack lighting is not consistent with maximum 3500° Kelvin color-temperature. Also provide photometric analysis for area proximate to proposed lighting consistent with Chapter 1273 (Exterior Lighting) of Planning & Zoning Code.
3. Please provide signature of the Owner or duly authorized officer, or a letter of authorization from the property for third parties to present plans to the City.
4. Development standards for the site including setbacks, building heights and off-street parking calculations including parking required and proposed is needed. Also indicate information on proposed building placement relative to existing/proposed property lines.
5. Location and size of all existing and proposed public and private utilities, sanitary services and waste disposal facilities with indications as to which shall be detained/removed.
6. Erosion and sediment control measures – provide a storm water pollution prevention plan.
7. An "AS BUILT" drawing showing as built location and elevations of all improvements shall be submitted prior to the issuance of an occupancy permit.
8. Sewer lateral to be 6" minimum with 2% minimum slope. Material to be SDR35/SCH 40. Connection to be made to 8" sewer main and not to the existing 6" lateral.
9. Provide water lateral size and material and curb box at proposed tap.
10. Add note stating water lateral to have minimum 4.5 feet of cover.
11. Provide 10' separation between water and sewer laterals.
12. Provide storm water design details (outlet structure, CB type, materials, etc.).
13. Concrete channel not needed in detention basin, please remove.
14. Provide details for pavement and typical sections for sidewalk and curb.
15. Applicant to provide updated plan set incorporating changes identified in these comments.
16. Clearcreek Fire District comments have been forwarded to the applicant.

The information contained in this report is based on material provided to the City of Springboro as of Monday, April 20, 2020 at 12:00 p.m.

CITY OF SPRINGBORO PLANNING COMMISSION

Application
Case # _____

RECEIVED

APR 10 2020

☐ SITE PLAN ☒ REVISION TO APPROVED SITE PLAN ☐ CONCEPT PLAN ☐ PRELIMINARY SUBDIVISION ☐ RECORD PLAN

The undersigned requests site plan approval for the use specified below. Should this application be approved, it is understood that it shall only authorize that particular use described in this application, subject to any conditions or safeguards required by the Planning Commission. If the construction of the building or site improvements or activities are not started within two (2) years after date of approval by the Planning Commission, the approval of this site plan shall become null and void

- ☒ Owner
☒ Agent
☐ Lessee
☐ Signed Purchase Contract

APPLICANT'S NAME: John M. Roll

Roll Associates, Inc.
3176 Kettering Blvd 45439
Telephone No. (937) 299-4243
Fax No. (937) 299-3254
Email Address jroll@rollassoc.com

PROPERTY OWNER'S NAME: Woodhull USA, LLC

Address: 125 Commercial Way
Springboro OH 45066
Telephone No. (937) 294-5311

Address of Property: 125 Commercial Way Lot Number: _____
Existing Use: Office / Warehouse Zoning District: ED
Proposed Use: Warehouse w/ loading dock

NOTE: Applicant will furnish fifteen (17) copies of plans with attached requirements. Please note that all plans submitted with this proposal must be pre-folded. The applicant or a representative who is authorized to speak on behalf of the request must also be present at the meeting.

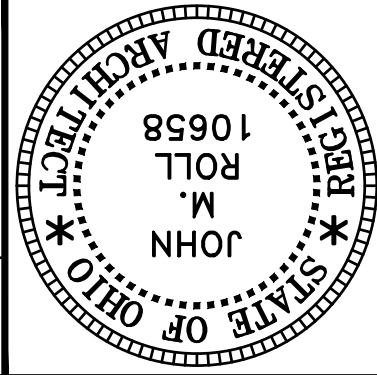
John Roll
(Signature of Applicant and/or Agent)

1/30/20
(Date)

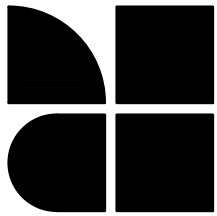
WOODHULL WAREHOUSE



DATE	DESCRIPTION
1-31-20	WORK SESSION
3-6-20	PLANNING COMMISSION
3-24-20	REVISION

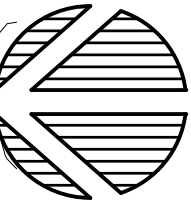


ROLL & ASSOCIATES, INC.
ARCHITECTS & PLANNERS
3176 KETTERING BOULEVARD DAYTON, OHIO 45439
PHONE (937) 299-4243
FAX (937) 299-3254

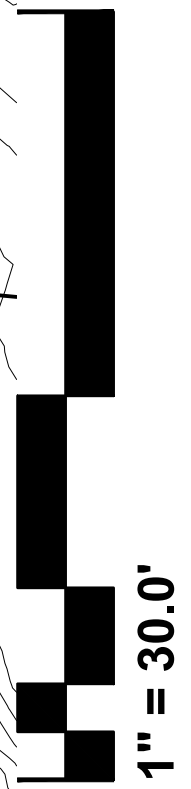


125 Commercial Way, Springboro, OH 45066
Woodhull
Copiers Printers Software Solutions

PROJECT NO. 56049
PROJECT TITLE WAREHOUSE BUILDING
DWG. TITLE SITE PLAN
DWG. NO. 1



SITE PLAN
1" = 30'-0"



A circular professional seal for the State of Ohio. The outer ring contains the text "STATE OF OHIO" at the bottom and "REGISTERED ARCHITECT" at the top, separated by two stars. The inner circle contains the text "JOHN M. ROLL" and the license number "10658".

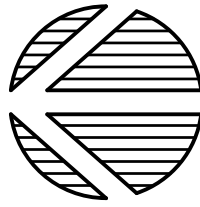
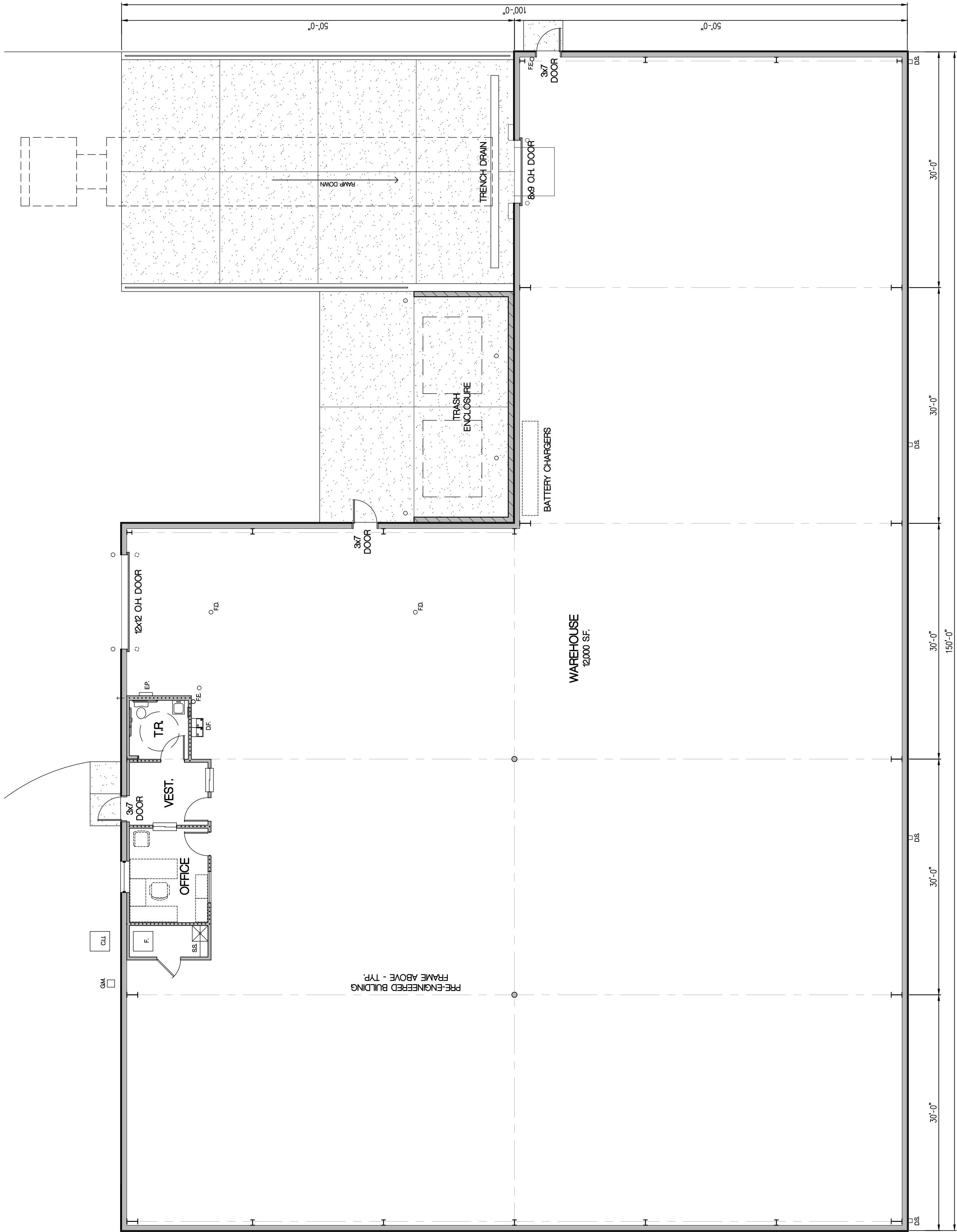


Woodhull
Copiers Printers Software Solutions

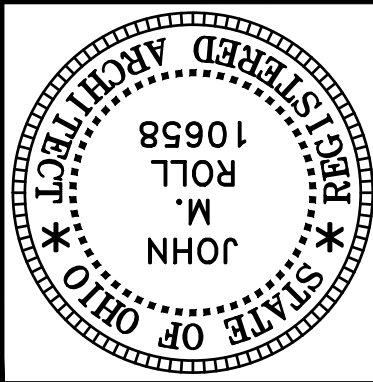
WAREHOUSE BUILDING

DWG. NO.

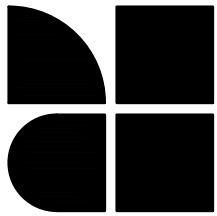
Figure 1 is a bar chart showing the number of subjects in each age group. The x-axis represents age groups: 0, 8, 16, and 32. The y-axis represents the number of subjects, with a scale from 0 to 32. The bars show approximately 4 subjects in the 0 group, 8 in the 8 group, 16 in the 16 group, and 32 in the 32 group. A legend indicates that 1/8 inch on the chart equals 1 foot on the actual scale.


$$\frac{1}{8}'' = 1'-0''$$


DATE	DESCRIPTION
1-31-20	WORK SESSION
3-E-20	PLANNING COMMISSION
3-24-20	REVISION



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3176 KETTERING BOULEVARD DAYTON, OHIO 45439
PHONE (937) 299-4243
FAX (937) 299-3254



Woodhull
Copiers Printers Software Solutions
125 Commercial Way, Springboro, OH 45066

PROJECT NO.
56049

PROJECT TITLE

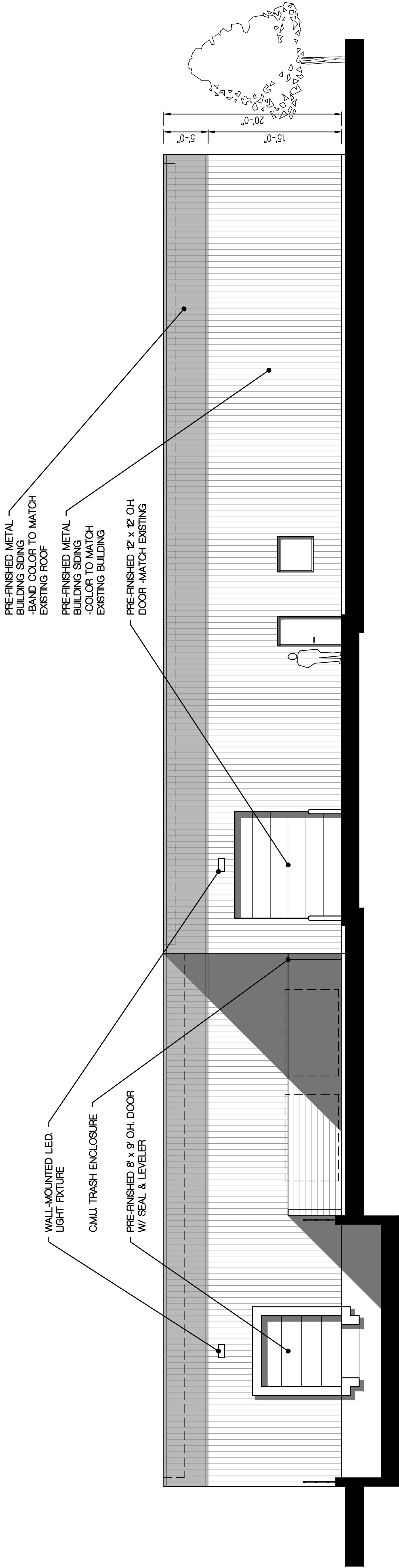
WAREHOUSE
BUILDING

DWG. TITLE

EXTERIOR
ELEVATIONS

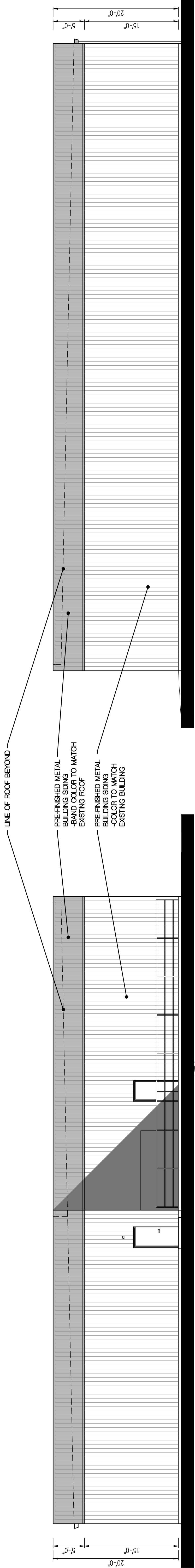
DWG. NO.

3



NORTH ELEVATION

1/8" = 1'-0"

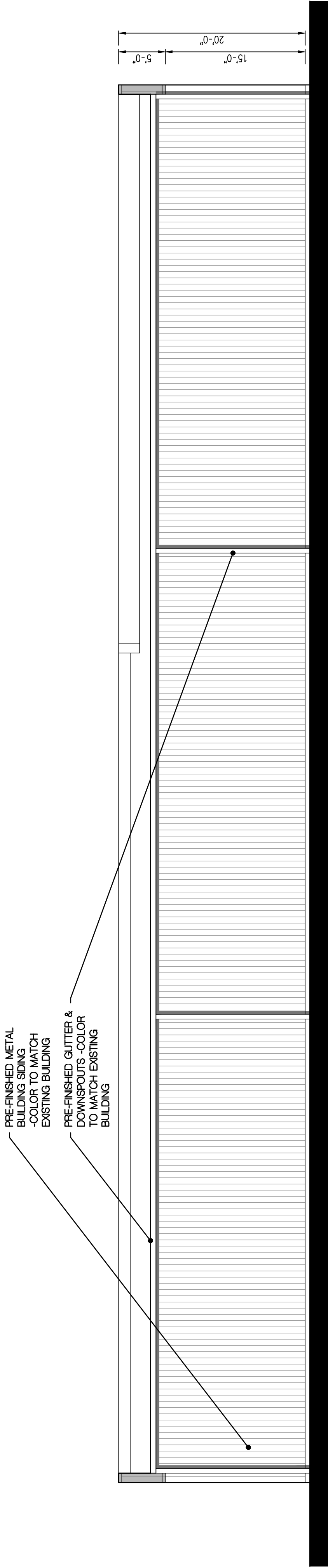


EAST ELEVATION

1/8" = 1'-0"

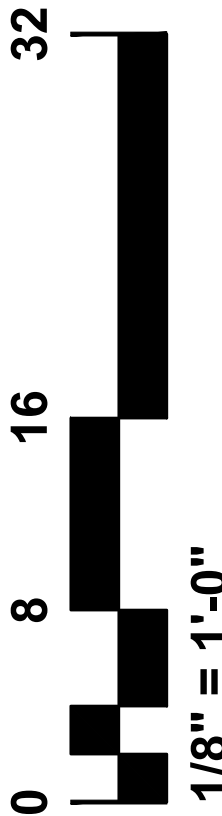
WEST ELEVATION

1/8" = 1'-0"

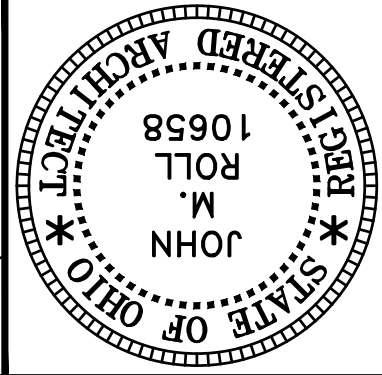


SOUTH ELEVATION

1/8" = 1'-0"



DATE	DESCRIPTION
3-6-20	PLANNING COMMISSION
3-24-20	REVISION



ROLL & ASSOCIATES, INC.
ARCHITECTS & PLANNERS
3176 KETTERING BOULEVARD DAYTON, OHIO 45439
PHONE (937) 299-4243
FAX (937) 299-3254

125 Commercial Way, Springboro, OH 45066

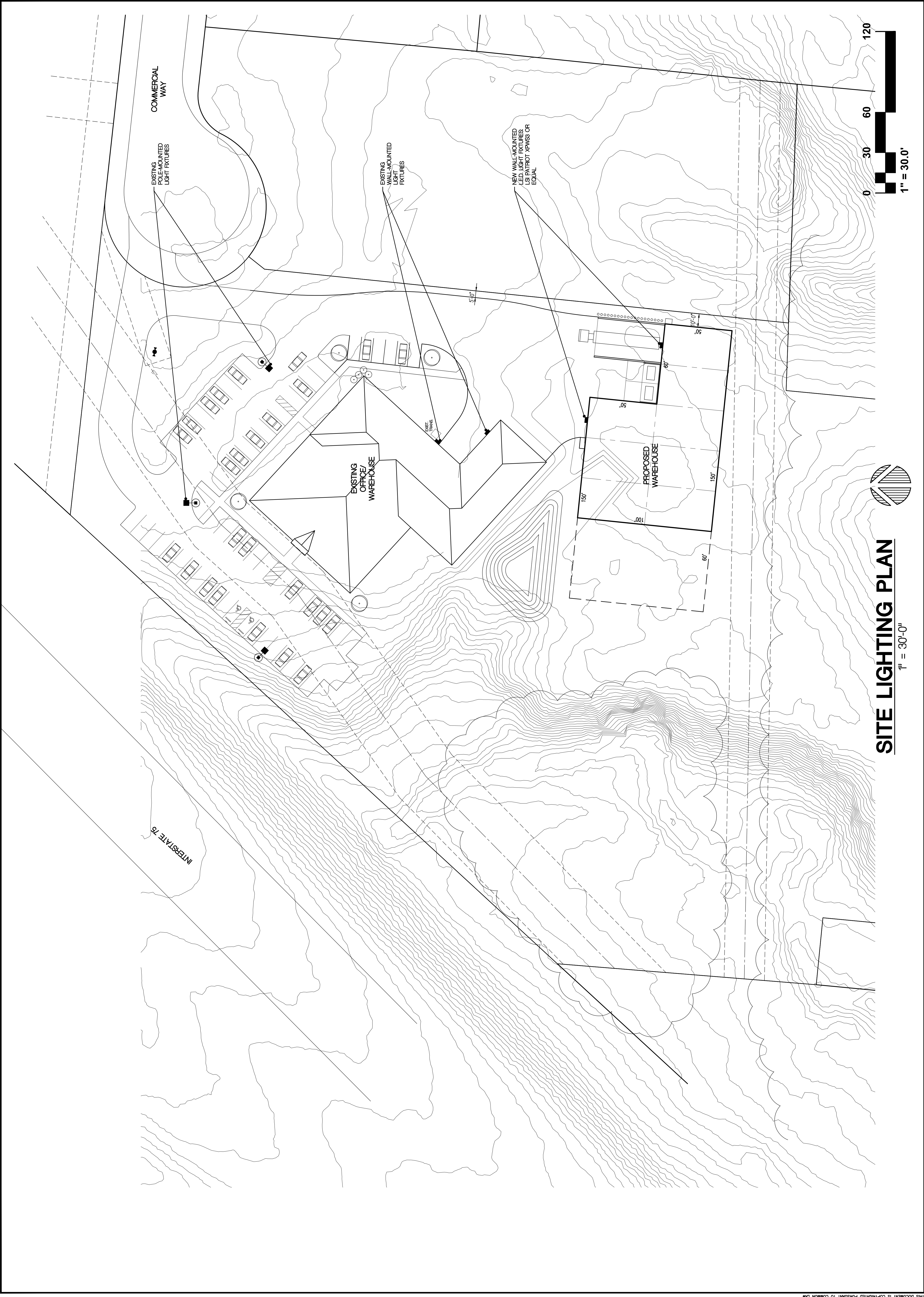
Woodhull
Copiers Printers Software Solutions

PROJECT NO.
56049

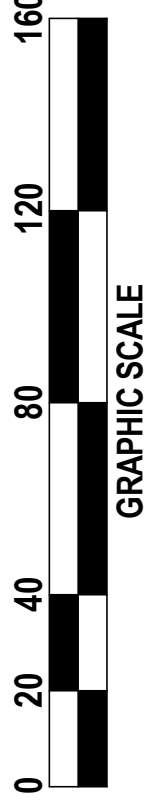
PROJECT TITLE
WAREHOUSE BUILDING

DWG. TITLE
SITE LIGHTING PLAN

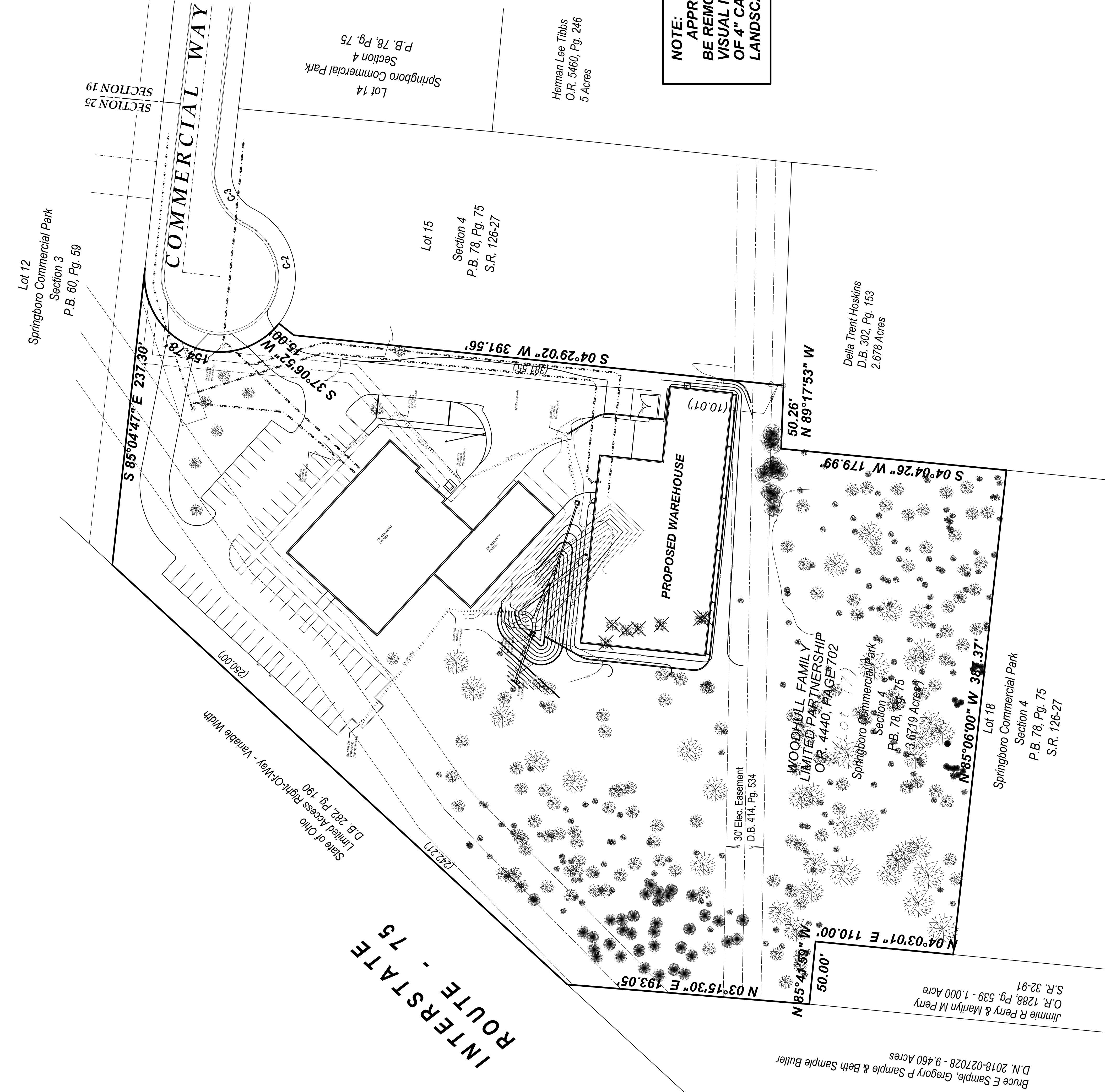
DWG. NO.
4



LANDSCAPING PLAN
WOODHULL



Bearings are based on Springboro Commercial Park, Section 4 as recorded in Plat Book 78, Page 75.



NOTE:
APPROXIMATELY (7) TREES OF 4" CALIBER WILL BE REQUIRED TO BE REMOVED FOR THIS PROJECT. BASED ON AERIAL PHOTOGRAPHY AND VISUAL INSPECTION IT IS ESTIMATED THAT APPROXIMATE 400 TREES OF 4" CALIBER OR LARGER WILL REMAIN. THEREFORE NO ADDITIONAL LANDSCAPING SHALL BE REQUIRED.

LANDSCAPE PLAN

NORFLEET, BROWN & PETKEWICZ
ENGINEERS - SURVEYORS
228 BYERS ROAD, SUITE 204
MIAMI, OHIO 45342
(937) 847-2313

SCALE : 1"=40'

DATE : March 06, 2020

DRAWN : RHN

CHK'D :

JOB No. : 19-7602

LED PATRIOT® WALL SCNCE (XPWS3)



DOE LIGHTING FACTS

Department of Energy has verified representative product test data and results in accordance with its Lighting Facts Program. Visit www.lightingfacts.com for specific catalog strings.

LIGHT OUTPUT - XPWS3					
		Distribution/Lumens (Nominal)			
Milliamps	# of LEDs	Type FT	Type WT	Type WW	Watts
Cool White 350 mA	28	3100	3000	3200	34
	48	5100	5100	5200	55
	28	3700	3600	3800	44
	48	6200	6100	6300	72
Neutral White 450 mA	28	2900	2900	3100	34
	48	4900	4800	4900	55
	28	3500	3500	3700	44
	48	5800	5700	5800	72

LED Chips are frequently updated therefore values may increase.

Also available in traditional light sources

US patent 7828456, 8002428 and CAN 2736757 & 2736757 and MX patent 29631 and ISRL 49679 and AUS 2008312668 and US & Int'l. patents pending

SMARTTEC™ -LSI drivers feature integral sensor which reduces drive current, when ambient temperatures exceed rated temperature

ENERGY SAVING CONTROL OPTIONS - DIM- 0-10 volt dimming enabled with controls by others.

OPTIONAL INTEGRAL MOTION SENSOR - Passive infrared motion sensor activates switching of luminaire light levels. High level light is activated when passersby enter target zone and increased to full bright in 1-2 seconds. Low light level (30% of maximum drive current) is activated when target zone is absent of motion activity for 5 minutes and is gradually ramped down (10 seconds) to low level. Sensor detection range 110° horizontal x 93° vertical x 10 meters maximum distance.

EXPECTED LIFE - Minimum 60,000 hours to 100,000 hours depending upon the ambient temperature of the installation location. See LSI web site for specific guidance.

LEDS - Available with 28 or 48 select high-brightness LEDs in Cool White (5000K) or Neutral White (4000K) color temperature, 70 CRI.

OPTICS/DISTRIBUTIONS - Ultra-high efficiency reflectors provide three distributions. Choose from Wide Throw (WT), Forward Throw (FT) or Wall Wash (WW).

HOUSING - One-piece die-cast aluminum housing is smoothly contoured rectangular shape. Mounting hardware is stainless steel or electro-zinc plated steel. Housing and optical unit are sealed with extruded silicone gasket; supply conductors with molded EPDM bushing.

OPTICAL UNIT - Clear tempered optical-grade flat glass lens sealed to the aluminum optic housing creates an IP65 rated unit. Pressure stabilizing breather allows super-tight protection while preventing cycling from building up internal pressures and vacuums that can stress optical unit seals.

WALL MOUNTING - Galvanized-steel universal wall mounting plate easily mounts directly to 4" octagonal or square junction box. EPDM gasket is supplied to be installed between mounting plate and junction box, sealing junction box from entrance of water. Universal plate permits fixture to be mounted in uplighting (indoor only) or downlighting position.

POLE MOUNTING - XPMA (for square) or XPMAR (for round) allows mounting to poles in single and D180 configurations. Use with 3" reduced drilling pattern.

ELECTRICAL - Two-stage surge protection (including separate surge protection built into electronic driver) meets IEEE C62.41.2-2002, Location Category C. Available with universal voltage power supply 120-277VAC (50/60Hz input) or 347-480VAC.

DRIVER - Available in 350mA and 450mA drive currents (Drive currents are factory programmed). Components are fully encased in potting material for IP65 moisture resistance. Driver complies with IEC and FCC standards. Driver can be easily accessed.

EMERGENCY OPTIONS - Optional integral emergency battery-back-up options are available. BB option operates in 0°C to 60°C ambient temperature and CWBB operates in -20°C to 60°C ambient temperature. When primary AC power failure occurs, both options operate 10 LEDs for minimum of 90 minutes.

OPERATING TEMPERATURE - -40°C to +50°C (-40°F to +122°F)

FINISH - Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling.

WARRANTY - LSI LED fixtures carry a limited 5-year warranty.

PHOTOMETRICS - Please visit our web site at www.lsi-industries.com for detailed photometric data.

SHIPPING WEIGHT (in carton) - 30 lbs./13.6Kg

LISTING - ETL listed to ANSI/UL1598, UL8750 and other U.S. and international safety standards. Suitable for wet locations in downlight position. Optional Class 1 Division 2 (groups A, B, C & D) hazardous location rating is available (Select HL option). For a list of the specific products in this series that are DLC listed, please consult the LED Lighting section of our website or the Design Lights website at www.designlights.org.

This product, or selected versions of this product, meet the standards listed below. Please consult factory for your specific requirements.



Intertek
wet location
(downlight only)

ARRA
Funding Compliant

IP65



Project Name _____ Fixture Type _____

Catalog # _____

07/28/16

© 2016

LSI INDUSTRIES INC.

LED PATRIOT® WALL SCNCE (XPWS3)

LUMINAIRE ORDERING INFORMATION

TYPICAL ORDER EXAMPLE: **XPWS3 FT LED 48 450 CW UE WHT BB**

Prefix	Distribution	Light Source	# of LEDs	Drive Current	Color Temperature	Input Voltage	Finish	Optional Controls	Optional Sensor/Options
XPWS3 - LED Patriot Wall Sconce	WT - Wide Throw FT - Forward Throw WW - Wall Wash	LED	28 48	350 - 350mA 450 - 450mA	CW - Cool White (5000K) NW - Neutral White (4000K)	UE - Universal Voltage (120-277) 347-480	BLK - Black BRZ - Bronze GPT - Graphite MSV - Metallic Silver PLP - Platinum Plus SVG - Satin Verde Green WHT - White	Wireless Control System^{1,2} (blank) - None PCM - Platinum Control System PCMH - Host/Satellite Platinum Control System GCM - Gold Control System GCMH - Host/Satellite Gold Control System DIM - 0-10 volt dimming (required for satellite fixtures) Stand-Alone Control (blank) - None DIM - 0-10 volt dimming ³ (from external signal)	Sensor IMS - Integral Motion Sensor ⁴ PCI120 - 120V Button-Type Photocell ⁵ PCI208 - 208V Button-Type Photocell ⁵ PCI240 - 240V Button-Type Photocell ⁵ PCI277 - 277V Button-Type Photocell ⁵ PCI347 - 347V Button-Type Photocell ⁵ Options BB - Battery Back-up ⁶ CWBB - Cold Weather Battery Back-up ⁶ EMR2 - Two Emergency 12V Circuit Provisions with (2) 35 Watt Halogen Lamps ⁷ HL - Class 1, Division 2 Hazardous Location Rating, ETL Listed to UL844 ⁸ XPM - Pole Mounting Adaptor w/ Fixture Back Plate for Use with Square Poles ⁹ XPMAR4 - Pole Mounting Adaptor w/ Fixture Back Plate for Use with 4" O.D. Round Poles ⁹ XPMAR5 - Pole Mounting Adaptor w/ Fixture Back Plate for Use with 5" O.D. Round Poles ⁹

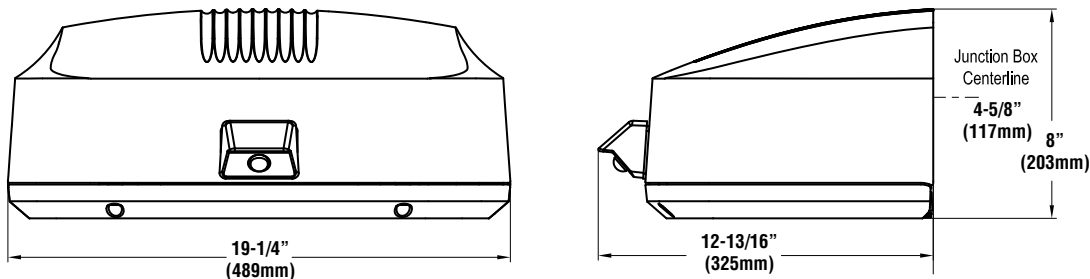
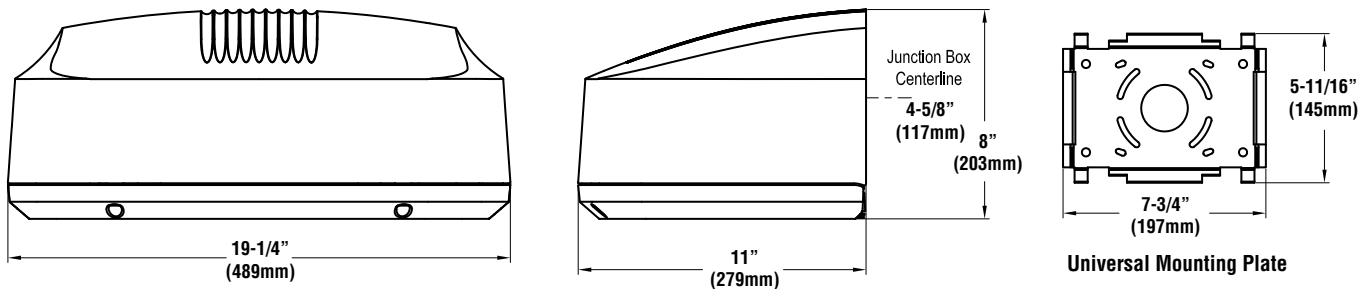
ACCESSORY ORDERING INFORMATION¹ (Accessories are field installed)

Description	Order Number	Description	Order Number
XPWS3 Polycarbonate Shield	244657	DFK208, 240 - Double Fusing	DFK208,240 ¹⁰
XPWS3 SW BLK - Surface Wiring Box (Available in black only)	356915BLK	DFK480 - Double Fusing	DFK480 ¹⁰
FK120 - Single Fusing	FK120 ¹⁰	FK347 - Single Fusing	FK347 ¹⁰
FK277 - Single Fusing	FK277 ¹⁰		

FOOTNOTES:

- For wireless controls information and accessories, see Controls section.
- Requires a SiteManager and override switch. Not compatible with battery back-up, IMS, EMR2 or HL Option.
- Not compatible with IMS option.
- Not compatible with wireless controls system or DIM.
- Not compatible with EMR2 or HL option.
- Available with UE voltage only. Not compatible with wireless controls system, EMR2 or HL option.
- Utilizes GZ4 sockets. 12 volt separate circuits required. Not available with wireless controls system, battery back-up, photocell, HL, XPM or XPMAR option.
- Not available with wireless controls system, battery back-up, photocell or EMR2 option.
- Not available with EMR2 option. Designed for 3" reduced drilling pattern. For S or D180 mounting configuration only.
- Fusing to be installed in a compatible junction box supplied by contractor.

DIMENSIONS



Shown with IMS Option



Project Name _____ Fixture Type _____
Catalog # _____

07/28/16
© 2016
LSI INDUSTRIES INC.

BUG LISTING**XPWS3 - Type FT**

Drive Current	Color Temp.*	Lumens	Watts	LER	BUG Rating
350	CW	3055	34	90	B1-U0-G1
		5094	55	93	B1-U0-G1
	NW	2919	34	86	B1-U0-G1
		4863	55	88	B1-U0-G1
450	CW	3730	44	85	B1-U0-G1
		6159	72	86	B2-U0-G1
	NW	3529	44	80	B1-U0-G1
		5775	72	80	B1-U0-G1

XPWS3 - Type WT

Drive Current	Color Temp.*	Lumens	Watts	LER	BUG Rating
350	CW	2977	34	88	B1-U0-G1
		5095	55	93	B2-U0-G1
	NW	2873	34	86	B1-U0-G1
		4791	55	87	B1-U0-G1
450	CW	3636	44	83	B1-U0-G1
		6144	72	85	B2-U0-G1
	NW	3465	44	79	B1-U0-G1
		5678	72	79	B2-U0-G1

XPWS3 - Type WW

Drive Current	Color Temp.*	Lumens	Watts	LER	BUG Rating
350	CW	3161	34	93	B2-U0-G0
		5209	55	95	B2-U0-G0
	NW	3074	34	90	B1-U0-G0
		4881	55	89	B2-U0-G0
450	CW	3844	44	87	B2-U0-G0
		6315	72	88	B2-U0-G0
	NW	3708	44	84	B2-U0-G0
		5751	71	81	B2-U0-G0

* Color Temperature: NW-4000K, CW-5000K



Project Name _____ Fixture Type _____
Catalog # _____

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