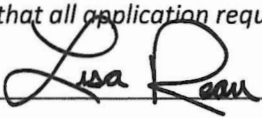




# BOARDS & COMMISSIONS APPLICATION

132 North Elmwood Avenue  
330-722-9038  
www.medinaoh.org

Application Number **P25-06**

GENERAL	Date of Application <u>3/20/2025</u>
	Property Location <u>South Elmwood Avenue</u>
	Description of Project <u>City of Medina South Elmwood Parking Lot - Legacy Hotel</u>
CONTACT INFORMATION	<b>Applicant</b> Name <u>Legacy Hotel of Medina, LLC.</u>
	Address <u>3991 North Jefferson Street</u> City <u>Medina</u> State <u>Ohio</u> Zip <u>44256</u>
	Phone <u>407-595-7590</u> Email <u>lreau@autonomycapitalgroup.com</u>
	<b>Property Owner</b> Name <u>Medina City Development Corporation</u>
	Address <u>132 North Elmwood Avenue</u> City <u>Medina</u> State <u>Ohio</u> Zip <u>44256</u>
	Phone <u>330-764-3319</u> Email <u>KMarshall@MedinaOH.org</u>
APPLICATION TYPE	<b>Planning Commission</b> Site Plan <input checked="" type="checkbox"/> Conditional Zoning Certificate <input type="checkbox"/> Code or Map Amendment <input type="checkbox"/>
	Preliminary Plan <input type="checkbox"/> Final Plat <input type="checkbox"/> Conditional Sign (EMC/Shopping Ctr) <input type="checkbox"/> Cert. of Appr. (TCOV) <input type="checkbox"/> Other <input type="checkbox"/>
	<b>Historic Preservation Board</b> Certificate of Appropriateness <input type="checkbox"/> Conditional Sign <input type="checkbox"/>
	<b>Board of Zoning Appeals</b> Variance <input checked="" type="checkbox"/> Appeal <input type="checkbox"/>
APPLICANT SIGNATURE	By signing this application, I hereby certify that: 1) The information contained in this application is true and accurate to the best of my knowledge; 2) I am authorized to make this application as the property owner of record or I have been authorized to make this application by the property owner of record; 3) I assume sole responsibility for correspondence regarding this application; and 4) I am aware that all application requirements must be submitted prior to the formal acceptance of my application.
	Signature <u></u> Date <u>3-18-2025</u>
OFFICIAL USE	Zoning District <u>P-F</u>
	Meeting Date <u>4/10/25</u>
	Fee (See Fee Sheet) \$ <u>225</u>
	Check Box when Fee Paid <input checked="" type="checkbox"/>

**P25-06**  
**South Elmwood Avenue Parking Reconstruction-Expansion**

Property Owner: Medina City Development Corporation  
Applicant: Lisa Reau  
Location: West side of South Elmwood Avenue with Parcel Number 028-19A-21-265  
Zoning: P-F (Public Facilities)  
Request: Site Plan approval for the reconstruction and expansion of a parking lot

**LOCATION AND SURROUNDING USES**

The subject site is composed of 0.86 acres located on the west side of South Elmwood Avenue. Adjacent properties contain the following uses and zoning:

- North – Single-Family Residential (R-3)
- South – Single-Family Residential (R-3) & Vacant (C-2)
- East – Commercial Service & Future Hotel (C-2)
- West – Single-Family Residential (R-3) & Multi-Family Residential (C-2)



**BACKGROUND/PROPOSED APPLICATION**

The property contains an existing public parking lot with approximately 40 parking spaces.

The applicant is proposing to remove the existing lot and construct a parking lot with 81 parking spaces. The proposed parking lot will include storm water management, landscaping, and hard wired lighting, which the current parking lot is lacking.

### **PARKING, ACCESS, AND CIRCULATION**

Access and Circulation – The site will have a single access point on South Elmwood Avenue located across from a future parking lot for the Hotel/Event Center. The access point complies with width requirements. Circulation on the site is two way in a circular pattern.

Parking Dimensions – Ninety-degree parking spaces must be 9 ft. in width and 19 ft. in length with a 24 ft. wide drive aisle. The proposed site meets these standards.

Lot Coverage – The maximum lot coverage for a property in the P-F district is 60% per Section 1130.05. The proposed lot coverage is 73%. The applicant has filed a variance to Section 1130.05 regarding lot coverage.

### **LANDSCAPING, SCREENING, AND BUFFERING**

Parking Setback – A 10 ft. wide landscaped strip must be located between the parking and the right-of-way. The required landscaped strip has been provided.

Parking Lot Landscaping – Landscape features or other visual barriers are required between parking and the right-of-way. Plans show landscaping between parking and the right-of-way.

Section 1145.09(b) states that 5 sq. ft. of interior parking lot landscaping shall be provided per 100 sq. ft. of parking area. The proposed parking lot provides 3.4 sq. ft. of interior parking lot landscaping per 100 sq. of parking area, which is less than required. The applicant has filed a variance to Section 1145.09(b) regarding interior parking lot landscaping.

Buffering and Screening – Section 1149.05(c)(4) requires screening between an institutional or commercial land use and a single-family residential zoning district. Screening can be accomplished by a 5 ft. to 6 ft. wall or a 10 ft. wide open space with 6 ft. tall landscaping.

Though no building is located on the proposed site with a specific use, the parking lot should contain a buffer from adjacent single-family residences. The proposed site includes:

- **North Side** – Conifers providing screening from an adjacent single-family residence with a minimum open space width of 6 ft.
- **South Side** – Conifers providing screening from an adjacent single-family residence with a minimum open space width of 8 ft.
- **West Side** – No screening from an undeveloped portion of a single-family residential with a minimum open space width of 3 ft.

The applicant has filed a variance to 1149.05(c)(4) regarding screening requirements.

### **ENGINEERING AND FIRE DEPARTMENT COMMENTS**

The City Engineer and Fire Departments have no comments at this time.

### **STORM WATER MANAGEMENT**

Plans incorporate a storm water management basin in the southwest corner of the site. If approved by the Planning Commission, detailed storm water management information will be submitted and reviewed by the City Engineer.

### **LIGHTING**

A lighting plan has been submitted with a compliant photometric plan and light fixture detail. Lighting height is shown at 25 ft. Lighting is permitted to be 20 ft. in height in the P-F district unless a greater height is approved by the Planning Commission per Section 1145.09(c)(4)(B.):

- B. The Planning Commission may approve greater heights upon a showing by the applicant that the additional height complies with both of the following standards:
  - 1. The additional height is necessary to efficiently illuminate outdoor areas; and
  - 2. The additional height will have no adverse effect on adjacent properties.

### **SITE PLAN REVIEW STANDARDS**

The Planning Commission's review and action shall be based on the following Standards per Section 1109.02(c):

- (1) The site plan shows that a proper relationship does exist between thoroughfares, service roads, driveways and parking areas to encourage pedestrian and vehicular traffic safety.
- (2) All the development features including the principal buildings, open spaces, service roads, driveways and parking areas are so located and related as to minimize the possibility of any adverse effects upon adjacent development.
- (3) The site plan includes adequate provision for the screening of parking areas, service areas and active recreation areas from surrounding properties by landscaping and/or ornamental walls or fences. All trees planted shall be as found in specifications approved by the Shade Tree Commission.
- (4) Grading and surface drainage provisions are reviewed and approved by the City Engineer.
- (5) The design and construction standards of all private streets, driveways and parking areas are to be built following approval of plans by the City Engineer according to construction standards specified in the Codified Ordinances.
- (6) Maximum possible privacy for multi-family dwellings and surrounding residential properties shall be provided through good design and use of proper building materials and landscaping. Visual privacy should be provided through structural screening and landscaping treatment. Auditory privacy in multi-family dwellings should be provided through soundproofing. All trees planted shall be as found in specifications approved by the Shade Tree Commission.
- (7) The architectural design of buildings should be developed with consideration given to the relationship of adjacent development in terms of building height, mass, texture, materials, line and pattern and character.
- (8) Building location and placement should be developed with consideration given to minimizing removal of trees and change of topography. Any trees to be removed which are planted in a public right-of-way or on municipal property shall be reviewed by the Shade Tree Commission.
- (9) In multi-family developments, television and other antennas shall be centralized.
- (10) On-site circulation shall be designed to make possible adequate fire and police protection.
- (11) Off-street parking facilities shall be provided in accordance with Chapter 1145. In large parking areas, visual relief shall be provided through the use of tree planted and landscaped dividers, islands and walkways. In multi-family developments no parking or service areas shall be permitted between any street and the main building. All trees planted shall be as found in specifications approved by the Shade Tree Commission.



- (12) Signs shall be provided in accordance with these Codified Ordinances.
- (13) Any trees planted on site shall be on approved list of Shade Tree Commission and planted in accordance with Commission standards.

**COMMUNITY DEVELOPMENT DEPARTMENT STAFF RECOMMENDATION**

---

Staff recommends **approval** of application P25-06 as submitted including a lighting height of 25 ft. with the condition that the project shall comply with Section 1130.05 to exceed the maximum lot coverage, Section 1145.09(b) to allow reduced interior parking lot landscaping, and Section 1149.05(c)(4) to allow reduced screening for a property or receive variance approval from the Board of Zoning Appeals.

## Andrew Dutton

---

**From:** Patrick Patton  
**Sent:** Wednesday, April 2, 2025 5:20 PM  
**To:** Andrew Dutton  
**Subject:** FW: Site Plan Review  
**Attachments:** P25-06 File 4-10-25.pdf; Engineering Checklist for Commercial Site Plan.pdf

Andrew-

My comments for the attached:

1. Please refer to the attached engineering checklist for site plan approval.
2. No further comments.

Thank you.

Patrick Patton, PE  
City Engineer  
City of Medina, Ohio

Phone: (330) 721-4721  
Email: [ppatton@medinaoh.org](mailto:ppatton@medinaoh.org)  
Website: [www.medinaoh.org](http://www.medinaoh.org)

Medina City Hall / 132 N. Elmwood Avenue / Medina, Ohio 44256





# Cunningham & Associates, Inc.

Civil Engineering & Surveying

203 W. Liberty St., Medina, Oh 44256

Phone: (330) 725-5980 \* Fax (330) 725-8019

March 20, 2025

City of Medina Planning Department  
132 North Elmwood Street  
Medina, Ohio 44256

Attn: Andrew Dutton

Re: South Elmwood Parking Lot

Dear Andrew:

Enclosed is the Site Plan and Variance application, Preliminary Site Plan, Lighting Plan, etc. for the proposed improvements to be constructed at the existing South Elmwood parking lot currently owned by the Medina City Development Corporation. The planned improvements will provide much-needed additional parking available to visitors to downtown Medina and will vastly enhance and improve the condition of the existing parking lot. These improvements include new pavement, landscaping, lighting, and storm water drainage facilities.

In an effort to maximize the use of the parking lot, there are three variances requested (1130.05-Maximum Lot Coverage, 1145.09-Interior Landscaping, and 1149.05-Screening Requirements) The justification for these variances is indicated on the attached variance "factors" sheets.

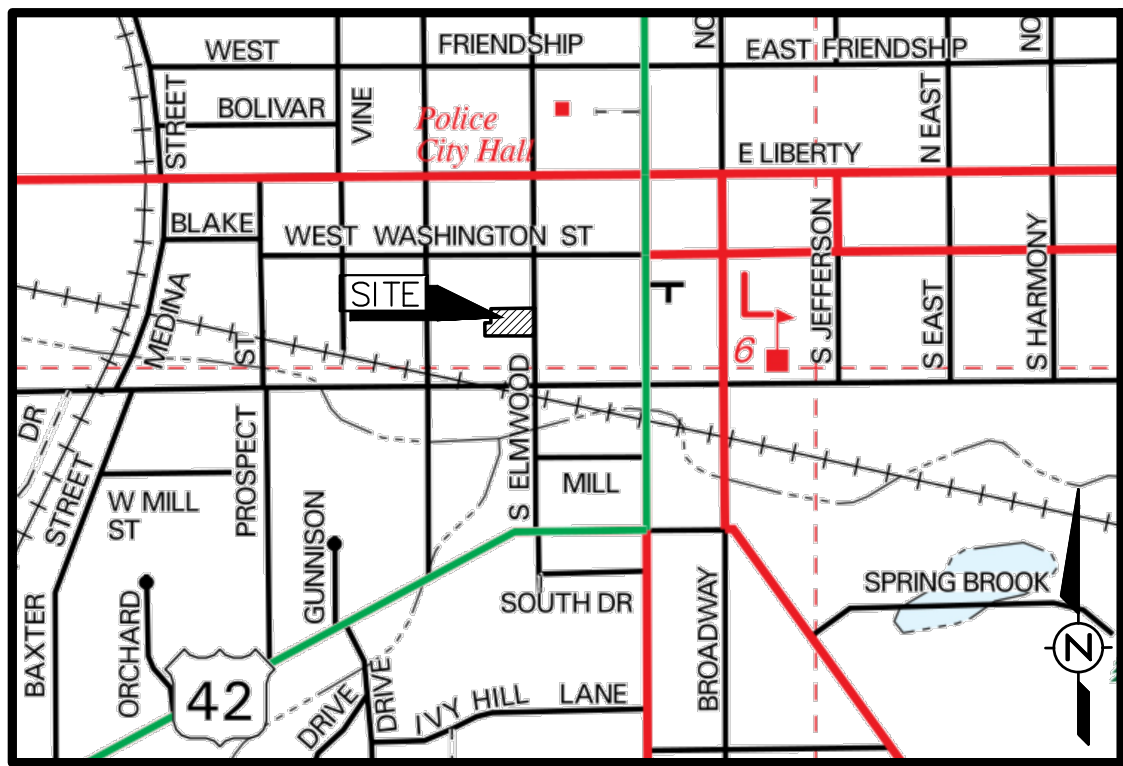
We are also requesting that the planning commission consider allowing 25-foot (instead of 20-foot) light poles as indicated on the submittals. We believe the planning commission has the authority to approve this based on the following:

- 1) The additional height is necessary to efficiently illuminate outdoor areas as it will provide better uniformity and better lighting for the perimeter parking spaces.
- 2) The taller poles will have less shadowing, creating a safer result if large vehicles/trailers, etc. are parked in inconvenient locations
- 3) All fixtures along the property lines will have Back Light Control incorporated ensuring the light at the property line is less than 1-ft-candle as required by the code thus minimizing any adverse effect on adjacent properties.

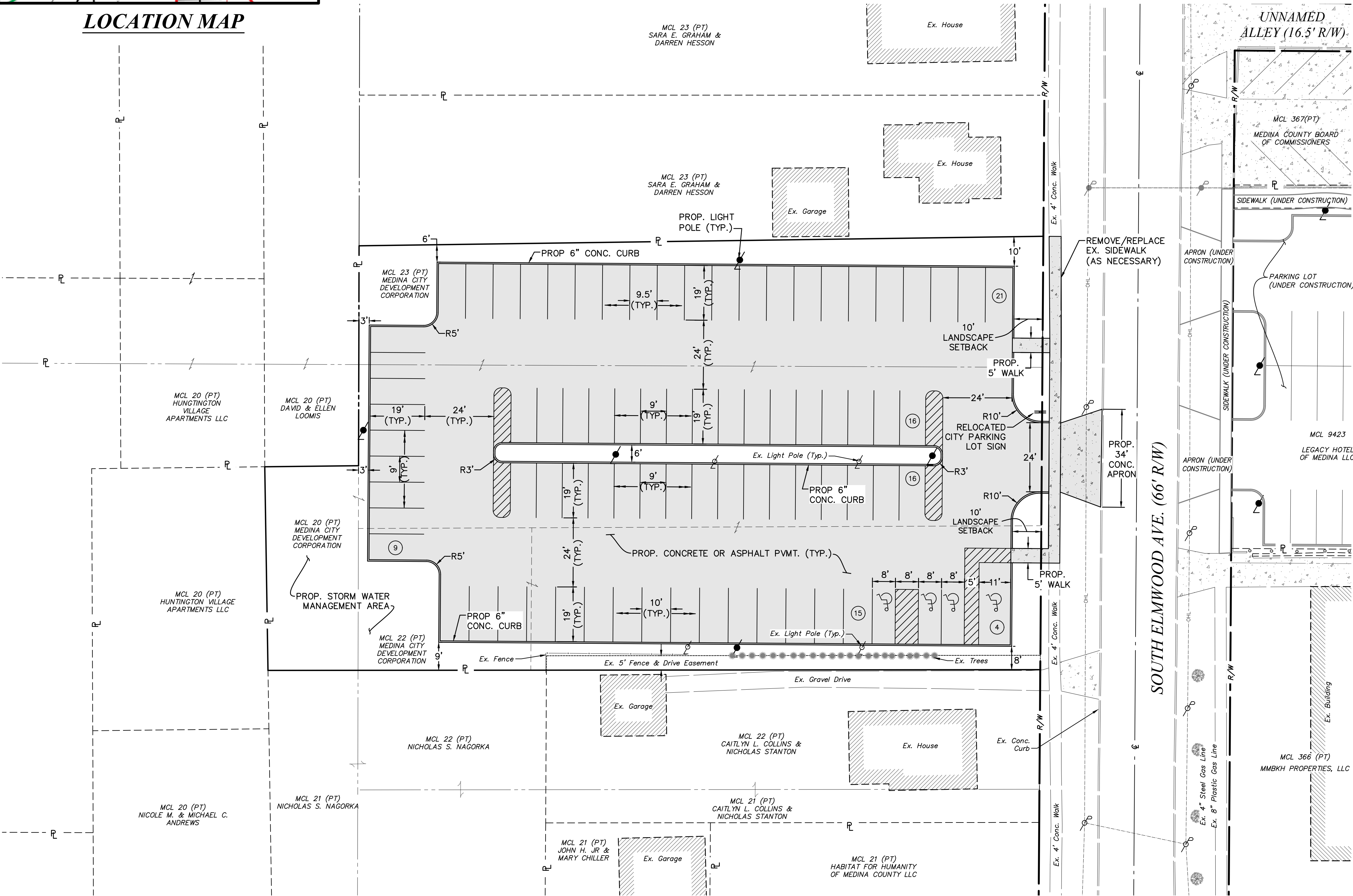
Please let me know if you have any questions or need any additional information.

Sincerely,

Nils E. Johnson, P.E.



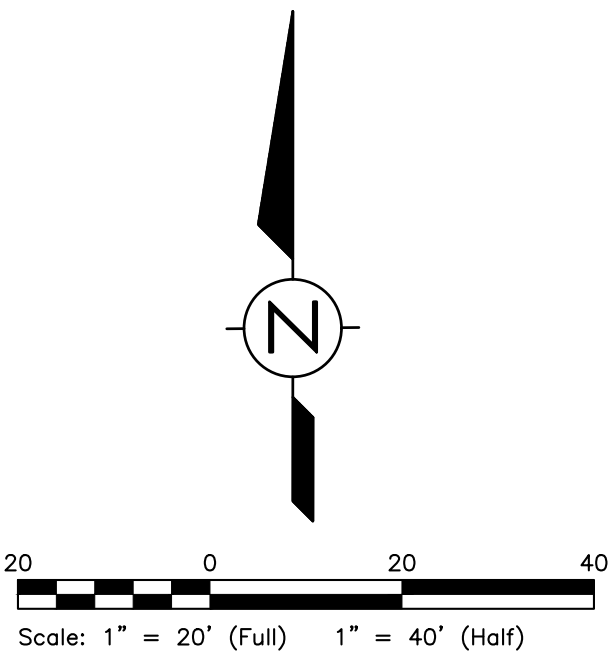
LOCATION MAP



SITE DATA			
ZONING DISTRICT	P-F PUBLIC FACILITIES		
ADJACENT ZONING	NORTH R-3 SOUTH R-3 & C-2 WEST R-3 & C-2		
TOTAL SITE AREA	0.86 ACRES		
PROP. LOT COVERAGE	27,302 S.Q. FT. (73%)		

PARKING SUMMARY:			
PARKING SPACE DIMENSIONS	9 FEET x 19 FEET		
EXISTING PARKING SPACE TOTAL	41±		
PARKING PROVIDED:	77 SPACES		
PARKING SPACES	4 SPACES		
ADA PARKING SPACES	TOTALS: 81 SPACES		

LEGEND	
	EX. LIGHT POLE
	EX. POWER POLE
	EX. OVERHEAD LINE
	EX. SIGN
	EX. CONCRETE PAVEMENT
	PROP. CONCRETE PAVEMENT
	PROP. CONCRETE OR ASPHALT PAVEMENT



REVISIONS	DATE	DESCRIPTION	BY	CHK

S. ELMWOOD PARKING LOT IMPROVEMENTS

LOCATED IN COUNTY OF MEDINA

CITY OF MEDINA

CUNNINGHAM & ASSOCIATES, INC.

CIVIL ENGINEERING and SURVEYING  
203 W. LIBERTY ST. MEDINA, OHIO 44226 330-725-5980

SHEET TITLE:  
PRELIMINARY  
SITE PLAN

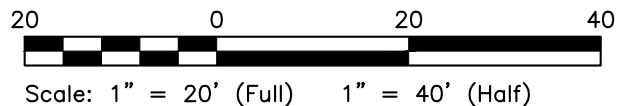
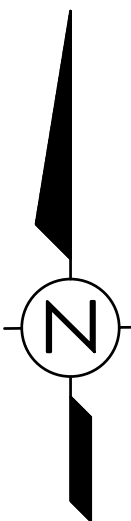
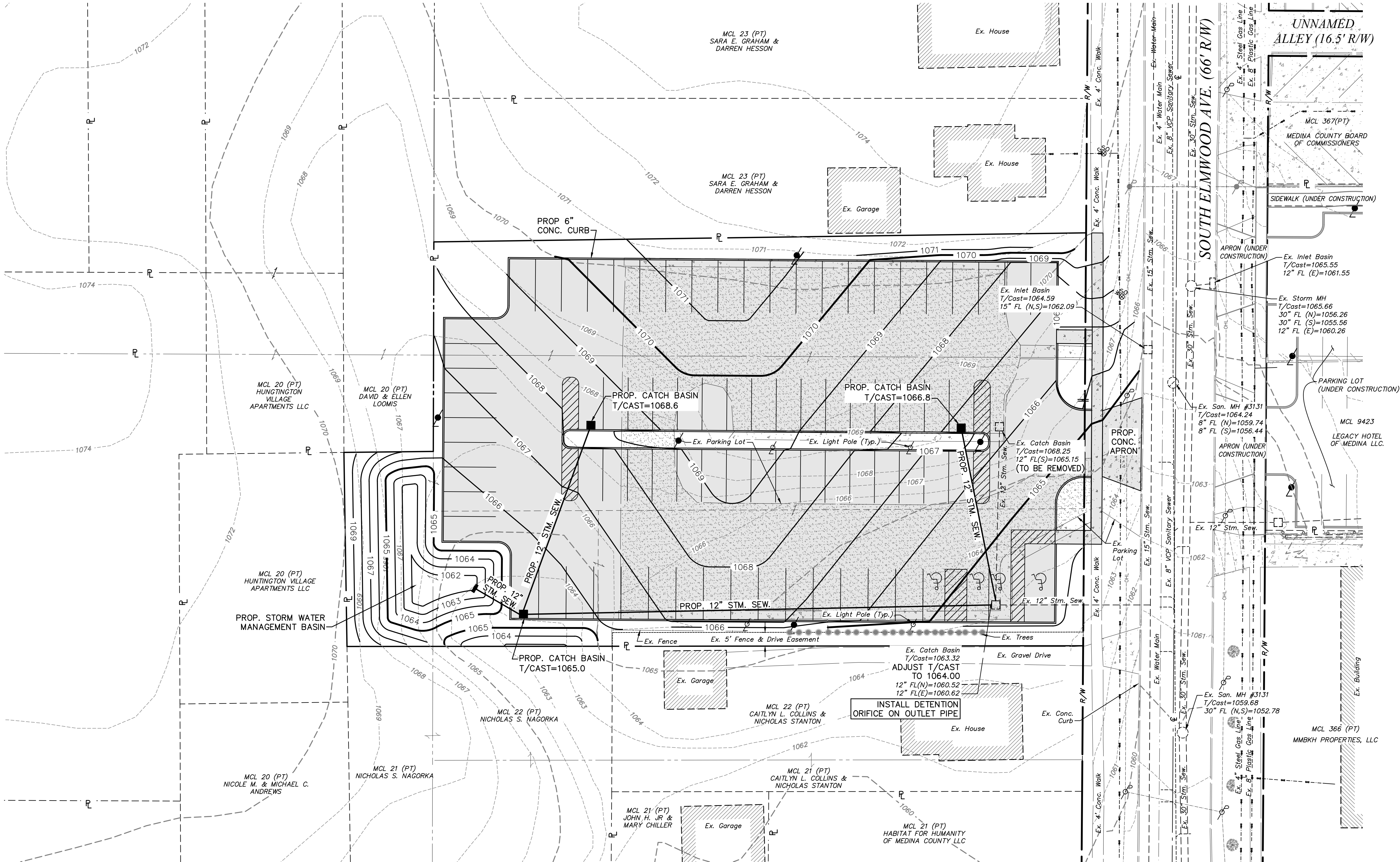
DRAWN BY:	CAH
DATE:	03/19/25
CHECKED BY:	
DATE:	
PROJECT No.	22-137-P
ACAD FILE No.	M:\... 22-137-P CP2

SCALE: PLAN- 1"=20'  
PROFILE-Horz.  
Vert.

SHEET NO.
1/3



M:\Jobs\_Folders\2022\22-137\Drawings\Improvement Plans\Parking Lot IMP Plans\22-137-P CP2.dwg, 4/1/2025 8:47 AM, Cady Haliczka



REVISIONS		DATE	DESCRIPTION	BY	CHK
		4/7/2025	REFINE SPACES		

**S. ELMWOOD PARKING LOT IMPROVEMENTS**

LOCATED IN  
CITY OF MEDINA  
**CUNNINGHAM & ASSOCIATES, INC.**  
CIVIL ENGINEERING AND SURVEYING  
203 W. LIBERTY ST. MEDINA, OHIO 44256 330-725-5960

SHEET TITLE:  
**PRELIMINARY  
GRADING & UTILITY PLAN**

DRAWN BY: <u>CAH</u>
DATE: <u>03/19/25</u>
CHECKED BY: _____
DATE: _____
PROJECT No. <u>22-137-P</u>
ACAD FILE No. <u>M:\... 22-137-P CP2</u>

SCALE: PLAN- 1"=20'  
PROFILE-Horz. \_\_\_\_\_  
Vert. \_\_\_\_\_

SHEET NO.	
2	3








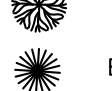

M:\Jobs - External\2023\22-137\Drawings\Improvement Plans\Parking Lot IMP Plans\22-137-P LS.dwg, 4/1/2025 8:43 AM, Cridy Halicia

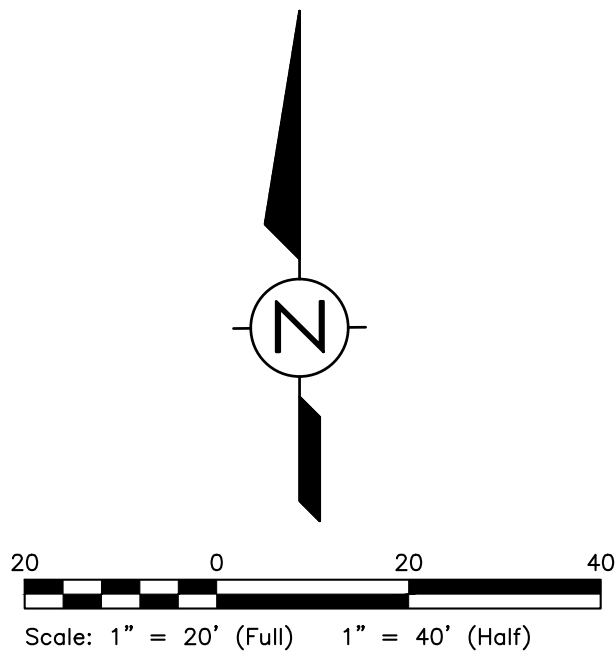
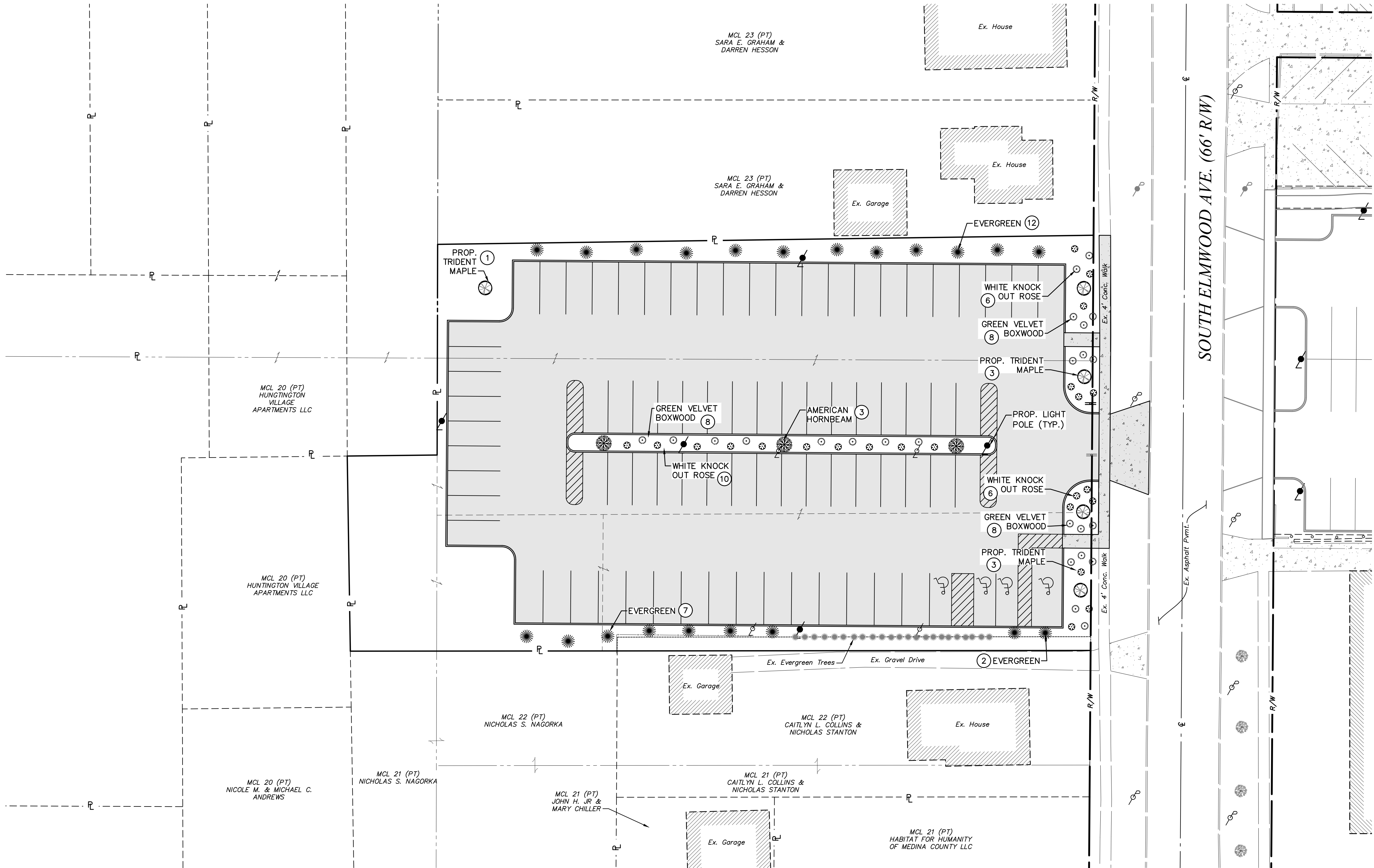
PLANT MATERIALS LIST			
QTY.	COMMON NAME	BOTANICAL NAME	SIZE
DECIDUOUS TREES			
5	TRIDENT MAPLE	Acer buergerianum	6'-7'
3	AMERICAN HORNBEAM	Carpinus caroliniana	6'-7'
FLOWERING AND EVERGREEN SHRUBS			
21	EVERGREEN TREES	Semperviren	6'
24	GREEN VELVET BOXWOOD	Buxus koreana 'Green Velvet'	12"
23	WHITE KNOCK OUT ROSE	Rosa x 'RADwhite'	12"

GENERAL NOTES - PLANTING

- EACH CONTRACTOR IS TO VERIFY WITH OWNER AND UTILITY COMPANIES THE LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION. TO DETERMINE IN THE FIELD THE ACTUAL LOCATIONS AND ELEVATIONS OF ALL EXISTING UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT. THE CONTRACTOR SHALL CALL UTILITY PROTECTION SERVICE 72 HOURS PRIOR TO CONSTRUCTION.
- EXAMINE FINISH SURFACE, GRADES, TOPSOIL QUALITY AND DEPTH. DO NOT START ANY WORK UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED. VERIFY LIMITS OF WORK BEFORE STARTING.
- CONTRACTOR RESPONSIBLE FOR COST OF REPAIRS TO EXISTING SITE CONDITIONS WHEN DAMAGED BY CONTRACTOR. REPAIR TO THE SATISFACTION OF THE OWNER.
- ALL MULCH BEDS TO BE 3" DEEP HARDWOOD BARK MULCH BED.
- CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE IN LAWN AREAS.
- FINE GRADE LAWN AREAS TO PROVIDE A SMOOTH AND CONTINUAL GRADE FREE OF IRREGULARITIES OR DEPRESSIONS.
- CONTRACTOR SHALL SEED OR SOD ALL AREAS DISTURBED DURING CONSTRUCTION, SEE PLAN.
- ALL PLANTS SHALL MEET OR EXCEED STANDARDS SET IN THE U.S.A. STANDARD FOR NURSERY STOCK.
- ALL PLANTING OPERATIONS SHALL ADHERE TO THE AMERICAN ASSOCIATION OF NURSERYMEN STANDARDS.
- LANDSCAPING MUST CONFORM TO THE CITY OF MEDINA PLANNING AND ZONING CODE CHAPTER 1149.
- BACKFILL WITH TOPSOIL AS REQUIRED TO BRING FINISHED GRADE FLUSH WITH GRADE ADJACENT, INSURING POSITIVE DRAINAGE OVER ALL SURFACE.
- LAWN AREA, FILL WITH TOPSOIL, MINIMUM DEPTH SHALL BE 6". MEET ADJACENT SURFACES FLUSH, MOUND TO PROVIDE POSITIVE DRAINAGE ACROSS ALL SURFACES.
- LANDSCAPE AREA, FILL WITH TOPSOIL, MINIMUM DEPTH SHALL BE 24". MEET ADJACENT SURFACES FLUSH, MOUND TO PROVIDE POSITIVE DRAINAGE ACROSS ALL SURFACES.

LEGEND

-  EX. LIGHT POLE
-  EX. POWER POLE
-  PROP. LIGHT
-  PROPOSED CONCRETE PAVEMENT
-  WHITE KNOCK OUT ROSE
-  GREEN VELVET BOXWOOD
-  TRIDENT MAPLE
-  AMERICAN HORNBEAM
-  EMERALD GREEN ARBORVITAE



REVISIONS	DATE	DESCRIPTION	BY
1	4/1/2025	REFINE LANDSCAPING CH	CH

S. ELMWOOD PARKING LOT IMPROVEMENTS

LOCATED IN COUNTY OF MEDINA

CUNNINGHAM & ASSOCIATES, INC.

CIVIL ENGINEERING and SURVEYING  
203 W. LIBERTY ST. MEDINA, OHIO 44256 330-725-5980

PRELIMINARY  
LANDSCAPING PLAN

DRAWN BY: CAH  
DATE: 03/19/2025  
CHECKED BY:  
DATE:

PROJECT No.  
22-137-P

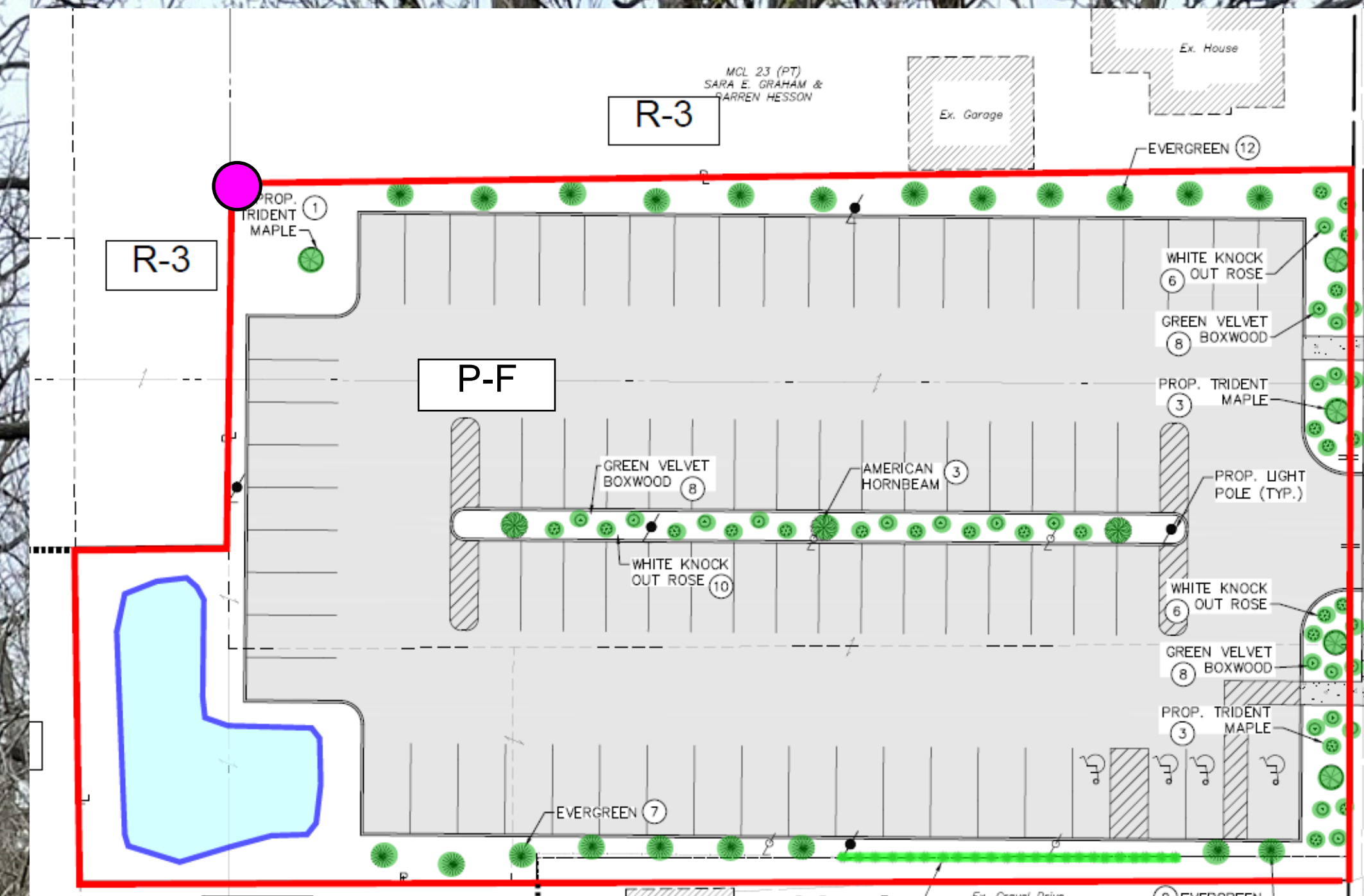
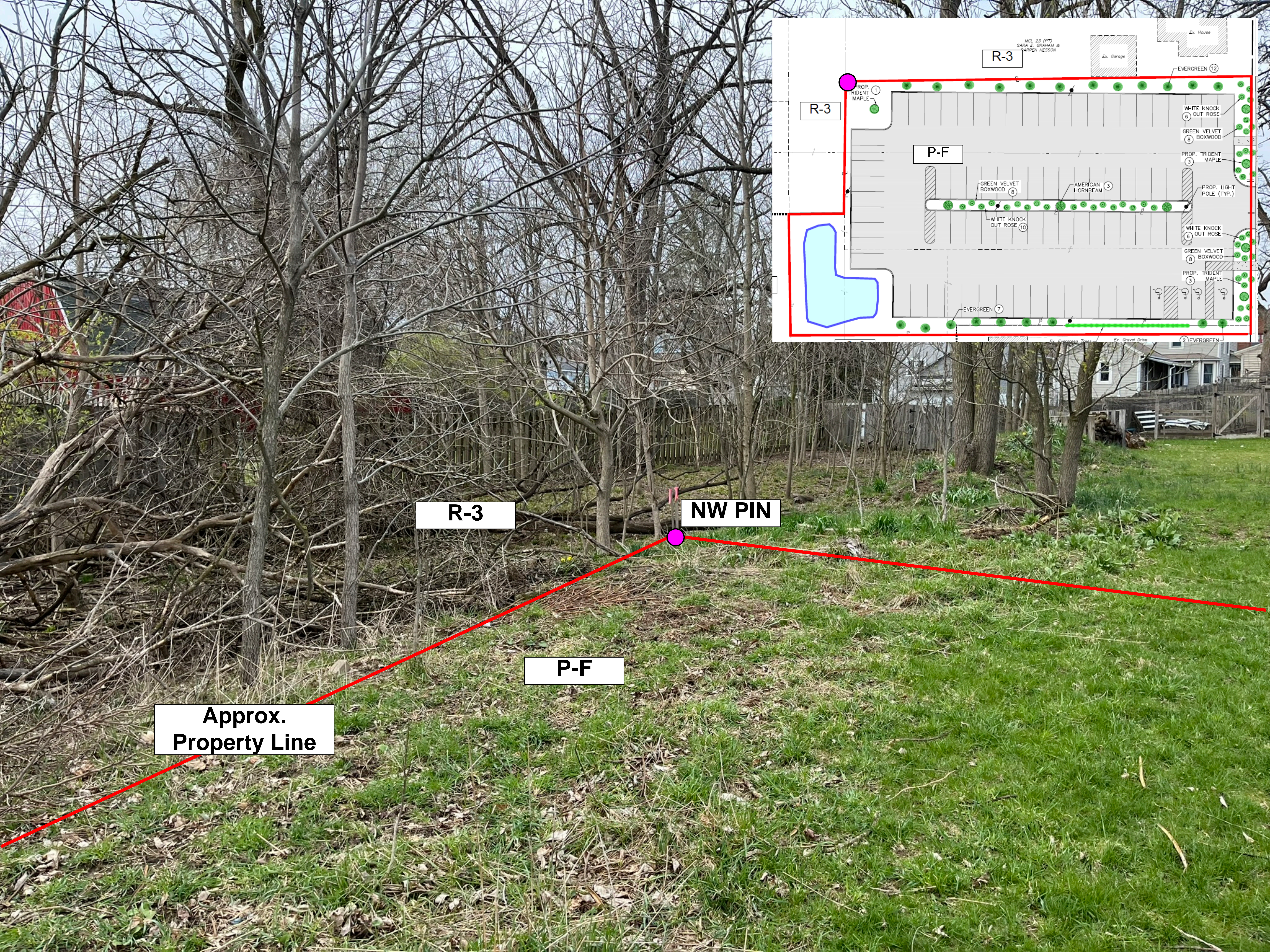
ACAD FILE No.  
M:\1...22-137-P LS

SCALE: PLAN: 1"=20'  
PROFILE-Horz.  
Vert.

SHEET NO.

3  
3





R-3

NW PIN

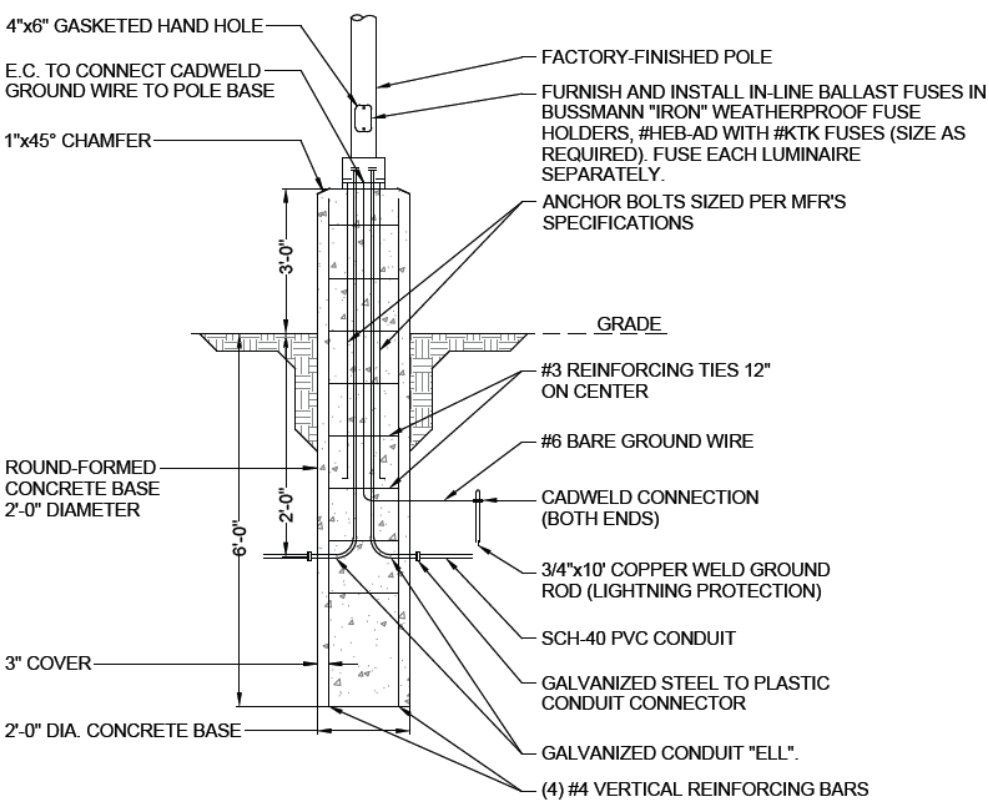
P-F

Approx.  
Property Line

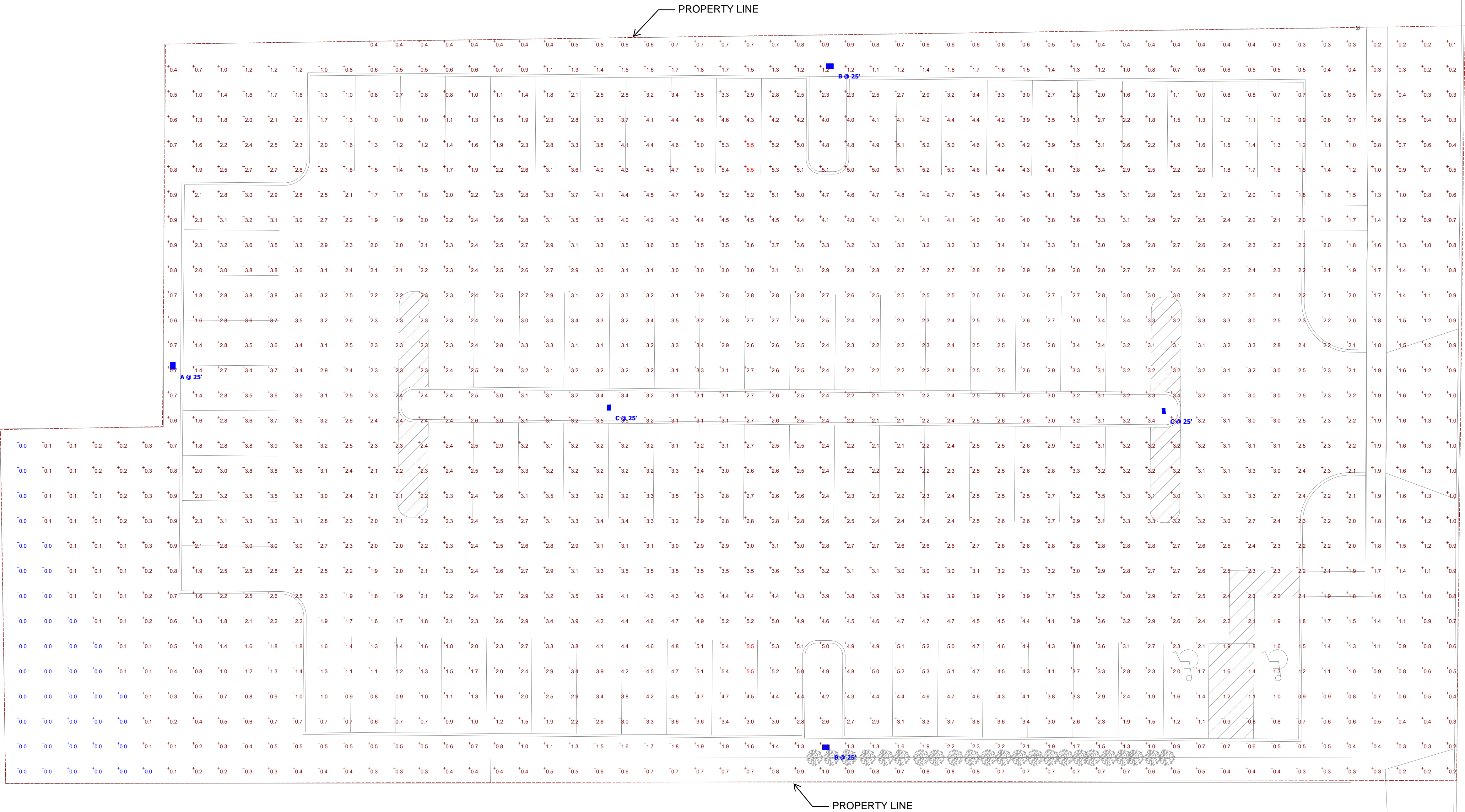


Polar Plot						Lamp Output	Input Power
Symbol	Label	QTY	Manufacturer	Catalog	Description		
	A	1	BEACON	VP-2-320L-145-4K7-3-BC	Viper Area Size 2 - Type 3 Distribution w/ backlight control	12666	145
	B	2	BEACON	VP-2-320L-185-4K7-3-BC	Viper Area Size 2 - Type 3 Distribution w/ backlight control	15387	185.9
	C	2	BEACON	VP-2-320L-235-4K7-5QW	Viper Area Size 2 - Type 5 Square Wide Distribution	33064	238

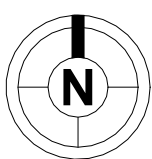
Statistics			
Description	Symbol	Avg	Max
Parking Lot		2.3 fc	5.5 fc



2 DETAIL 36" PARKING POLE BASE  
NOT TO SCALE



Plan View  
Scale - 1" = 12ft





# VIPER Area/Site

VIPER LUMINAIRE

## FEATURES

- Low profile LED area/site luminaire with a variety of IES distributions for lighting applications such as auto dealership, retail, commercial, and campus parking lots
- Featuring two different optical technologies, Strike and Micro Strike Optics, which provide the best distribution patterns for retrofit or new construction
- Rated for high vibration applications including bridges and overpasses. All sizes are rated for 1.5G
- Control options including photo control, occupancy sensing, NX Lighting Controls™, LightGRID+ and 7-Pin with networked controls
- New customizable lumen output feature allows for the wattage and lumen output to be customized in the factory to meet whatever specification requirements may entail
- Field interchangeable mounting provides additional flexibility after the fixture has shipped



## CONTROL TECHNOLOGY



## SERVICE PROGRAMS



## SPECIFICATIONS

### CONSTRUCTION

- Die-cast housing with hidden vertical heat fins are optimal for heat dissipation while keeping a clean smooth outer surface
- Corrosion resistant, die-cast aluminum housing with 1000 hour powder coat paint finish
- External hardware is corrosion resistant

### OPTICS

- Micro Strike Optics (160, 320, 480, or 720 LED counts) maximize uniformity in applications and come standard with mid-power LEDs which evenly illuminate the entire luminous surface area to provide a low glare appearance. Catalog logic found on page 2
- Strike Optics (36, 72, 108, or 162 LED counts) provide best in class distributions and maximum pole spacing in new applications with high powered LEDs. Strike optics are held in place with a polycarbonate bezel to mimic the appearance of the Micro Strike Optics so both solutions can be combined on the same application. Catalog logic found on page 3
- Both optics maximize target zone illumination with minimal losses at the house-side, reducing light trespass issues. Additional backlight control shields and house side shields can be added for further reduction of illumination behind the pole
- One-piece silicone gasket ensures a weatherproof seal
- Zero up-light at 0 degrees of tilt
- Field rotatable optics

### INSTALLATION

- Mounting patterns for each arm can be found on page 11
- Optional universal mounting block for ease of installation during retrofit applications. Available as an option (ASQU) or accessory for square and round poles
- All mounting hardware included
- Knuckle arm fitter option available for 2-3/8" OD tenon
- For products with EPA less than 1 mounted to a pole greater than 20ft, a vibration damper is recommended

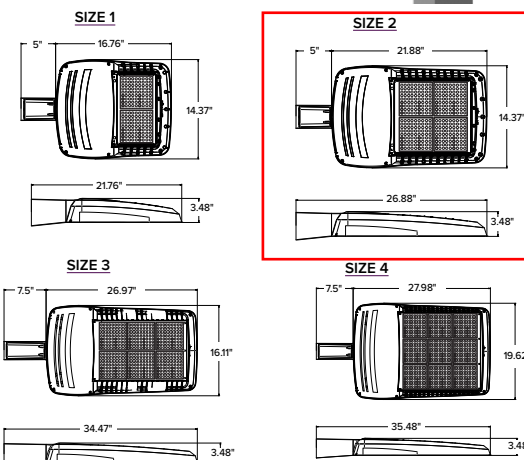
### ELECTRICAL







- Universal 120-277 VAC or 347-480 VAC input voltage, 50/60 Hz
- Ambient operating temperature -40°C to 40°C
- Drivers have greater than 90% power factor and less than 20% THD
- LED drivers have output power over-voltage, over-current protection and short circuit protection with auto recovery
- Field replaceable surge protection device provides 20kA protection meeting ANSI/ IEEE C62.41.2 Category C High and Surge Location Category C3; Automatically takes fixture off-line for protection when device is compromised
- Dual Driver option provides 2 drivers within luminaire but only one set of leads exiting the luminaire, where Dual Power Feed provides two drivers which can be wired independently as two sets of leads are extended from the luminaire. Both options cannot be combined

### CONTROLS

- Photo control, occupancy sensor programmable controls, and Zigbee wireless controls available for complete on/off and dimming control
- Please consult brand or sales representative when combining control and electrical options as some combinations may not operate as anticipated depending on your application
- 7-pin ANSI C136.41-2013 photocontrol receptacle option available for twist lock photocontrols or wireless control modules (control accessories sold separately)
- 0-10V Dimming Drivers are standard.
- NX Lighting Controls™ available with in fixture wireless control module, features dimming and occupancy sensor
- LightGRID+ available with in fixture wireless control module, features dimming and occupancy sensor. Also available in 7-pin configuration

## MICROSTRIKE | STRIKE OPTICS



	EPA				Config
	VP1 (Size 1)	VP2 (Size 2)	VP3 (Size 3)	VP4 (Size 4)	
Single Fixture	0.454	0.555	0.655	0.698	
Two at 180	0.908	1.110	1.310	1.396	
Two at 90	0.583	0.711	0.857	0.948	
Three at 90	1.037	1.266	1.512	1.646	
Three at 120	0.943	1.155	1.392	1.680	
Four at 90	1.166	1.422	1.714	1.896	

### CERTIFICATIONS

- DLC® (DesignLights Consortium Qualified), with some Premium Qualified configurations. Not all product variations listed in this document are DLC® qualified. Refer to <http://www.designlights.org> for the most up-to-date list.
- Listed to UL1598 and CSA C22.2#250.0-24 for wet locations and 40°C ambient temperatures
- 1.5 G rated for ANSI C136.31 high vibration applications
- Fixture is IP65 rated
- Meets IDA recommendations using 3K CCT configuration at 0 degrees of tilt
- This product meets federal procurement law requirements under the Buy American Act (FAR 52.225-9) and Trade Agreements Act (FAR 52.225-11). See Buy America(n) Solutions (link to <https://www.currentlighting.com/resources/america-solutions>).
- FCC CFR Title 47 Part 15, Class A

### WARRANTY

- 5 year warranty



# VIPER Area/Site

VIPER LUMINAIRE

## MICROSTRIKE OPTICS – ORDERING GUIDE

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #: Example: VP-2-320L-145-3K7-2-R-UNV-A3-BLT

Gray Shading = Service Program Limit of 15 luminaires

QS10

CATALOG #

VP							
Series	Optic Platform	Size	Light Engine	CCT/CRI	Distribution	Optic Rotation	Voltage
<b>VP</b> Viper Area	<b>BLANK</b> Micro Strike	<b>1</b> Size 1	<b>160L-35</b> <sup>6</sup> 35W - 5,500 Lumens <b>160L-50</b> <sup>6</sup> 50W - 7,500 Lumens <b>160L-75</b> 75W - 10,000 Lumens <b>160L-100</b> 100W - 12,500 Lumens <b>160L-115</b> 115W - 15,000 Lumens <b>160L-135</b> 135W - 18,000 Lumens <b>160L-160</b> 160W - 21,000 Lumens <b>320L-145</b> 145W - 21,000 Lumens <b>320L-170</b> 170W - 24,000 Lumens <b>320L-185</b> 185W - 27,000 Lumens <b>320L-210</b> 210W - 30,000 Lumens <b>320L-235</b> 235W - 33,000 Lumens <b>320L-255</b> 255W - 36,000 Lumens <b>320L-315</b> <sup>6</sup> 315W - 40,000 Lumens <b>480L-285</b> 285W - 40,000 Lumens <b>480L-320</b> 320W - 44,000 Lumens <b>480L-340</b> 340W - 48,000 Lumens <b>480L-390</b> 390W - 52,000 Lumens <b>480L-425</b> 425W - 55,000 Lumens <b>480L-470</b> 470W - 60,000 Lumens <b>720L-435</b> 435W - 60,000 Lumens <b>720L-475</b> 475W - 65,000 Lumens <b>720L-515</b> 515W - 70,000 Lumens <b>720L-565</b> <sup>6</sup> 565W - 75,000 Lumens <b>720L-600</b> <sup>6</sup> 600W - 80,000 Lumens <b>CLO</b> Custom Lumen Output <sup>1</sup>	<b>AP</b> AP-Amber Phosphor Converted <b>27K8</b> 2700K, 80 CRI <b>3K7</b> 3000K, 70 CRI <b>3K8</b> 3000K, 80 CRI <b>35K8</b> 3500K, 80 CRI <b>3K9</b> 3000K, 90 CRI <b>4K7</b> 4000K, 70 CRI <b>4K8</b> 4000K, 80 CRI <b>4K9</b> 4000K, 90 CRI <b>5K7</b> 5000K, 70 CRI <b>5K8</b> 5000K, 80 CRI	<b>2</b> Type 2 <b>3</b> Type 3 <b>4F</b> Type 4 Forward <b>4W</b> Type 4 Wide <b>5QW</b> Type 5 Square Wide	<b>BLANK</b> No Rotation <b>L</b> Optic rotation left <b>R</b> Optic rotation right	<b>UNV</b> 120-277V <b>120</b> 120V <b>208</b> 208V <b>240</b> 240V <b>277</b> 277V <b>347</b> 347V <b>480</b> 480V
		<b>2</b> Size 2					
		<b>3</b> Size 3					
		<b>4</b> Size 4					

Mounting	Color	Options	Network Control Options
<b>A</b> Arm mount for square pole/flat surface (B3 Drill Pattern) (Does not include round pole adapter)	<b>BLT</b> Black Matte Textured	<b>F</b> Fusing	<b>NXWS-16F</b> NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming <sup>1,3,4</sup>
<b>A_</b> Arm mount for round pole <sup>2</sup>	<b>BLS</b> Black Gloss Smooth	<b>2PF</b> Dual Power Feed	<b>NXWS-40F</b> NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming <sup>1,3,4</sup>
<b>ASQU</b> Universal arm mount for square pole. Can be used with B3 or S2 Drill Pattern	<b>DBT</b> Dark Bronze Matte Textured	<b>2DR</b> Dual Driver	<b>NXW</b> NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor <sup>3,4</sup>
<b>A_U</b> Universal arm mount for round pole <sup>2</sup>	<b>DBS</b> Dark Bronze Gloss Smooth	<b>TE</b> Tooless Entry	<b>WIR</b> LightGRID+ In-Fixture Module <sup>3,4</sup>
<b>AAU</b> Adjustable arm for pole mounting (universal drill pattern)	<b>GTT</b> Graphite Matte Textured	<b>BC</b> Backlight Control <sup>8</sup>	<b>WIRSC-14F</b> LightGRID+ Module and Occupancy Sensor 14ft Mounting height <sup>3,4</sup>
<b>AA_U</b> Adjustable arm mount for round pole <sup>2</sup>	<b>LGS</b> Light Grey Gloss Smooth	<b>TB</b> Terminal Block	<b>WIRSC-40F</b> LightGRID+ Module and Occupancy Sensor 40ft Mounting height <sup>3,4</sup>
<b>ADU</b> Decorative upswept Arm (universal drill pattern)	<b>LGT</b> Light Grey Gloss Textured	<b>LS</b> Lumen Switch	<b>Stand Alone Sensors</b>
<b>AD_U</b> Decorative upswept arm mount for round pole <sup>2</sup>	<b>PSS</b> Platinum Silver Smooth		<b>BTS-14F</b> Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
<b>MAF</b> Mast arm fitter for 2-3/8" OD horizontal arm	<b>WHT</b> White Matte Textured		<b>BTS-40F</b> Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
<b>K</b> Knuckle	<b>WHS</b> White Gloss Smooth		<b>BTSO-12F</b> Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
<b>T</b> Trunnion	<b>VGT</b> Verde Green Textured		<b>7PR</b> 7-Pin Receptacle <sup>4</sup>
<b>WB</b> Wall Bracket, horizontal tenon with MAF	<b>Color Option</b>		<b>7PR-SC</b> 7-Pin Receptacle with shorting cap <sup>4</sup>
<b>WM</b> Wall mount bracket with decorative upswept arm	<b>CC</b> Custom Color		<b>7PR-TL</b> 7-Pin PCR with NEMA photocontrol <sup>4</sup>
<b>WA</b> Wall mount bracket with adjustable arm			<b>3PR</b> 3-Pin Receptacle <sup>4</sup>
			<b>3PR-SC</b> 3-Pin receptacle with shorting cap <sup>4</sup>
			<b>3PR-TL</b> 3-Pin PCR with NEMA photocontrol <sup>4</sup>
			<b>Programmed Controls</b>
			<b>SCP_F</b> Sensor Control Programmable, 8F or 40F <sup>9</sup>
			<b>ADD</b> AutoDim Timer Based Dimming <sup>10</sup>
			<b>ADT</b> AutoDim Time of Day Dimming <sup>10</sup>

1 – Items with a grey background can be done as a custom order. Contact brand representative for more information.

2 – Replace “\_” with “3” for 3.5”-4.13” OD pole, “4” for 4.18”-5.25” OD pole, “5” for 5.5”-6.5” OD pole

3 – Networked Controls cannot be combined with other control options

4 – Not available with 2PF option

5 – Not available with Dual Driver option

6 – Some voltage restrictions may apply when combined with controls

7 – Not available with 480V

8 – BC not available on 4F and type 5 distributions

9 – At least one SCPREMOTE required to program SCP motion sensor. Must select 8ft or 40ft.

10 – Please refer to page 8 for AutoDim ordering guide



currentlighting.com/beacon

© 2024-2025 Current Lighting Solutions, LLC. All rights reserved. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.

Page 2 of 15  
Rev 03/05/25  
BEA\_VIPERSPEC\_R16