

Z24-14
Lafayette Quarters Multi-Family Residential Units

Property Owner: Medina Metropolitan Housing Authority
Applicant: Brian Grambort
Location: 881 Lafayette Road with Parcel Number 028-19C-08-134
Zoning: C-3 (General Commercial)
Request: Area Variance to Section 1127.05 to allow more multi-family residential units and units with a smaller floor area than required

LOCATION AND SURROUNDING USES

The subject site is composed of 0.89 acres located on the north side of Lafayette Road, west of Independence Drive. Adjacent properties contain the following uses and zoning:

- North – Juvenile Detention (I-1)
- East – Juvenile Court Annex (I-1)
- South – Two-Family Residential (R-3)
- West – Veterinary Clinic (I-1)



BACKGROUND & PROPOSED APPLICATION

In June of 2022, City Council approved a rezoning of the property from I-1 (Industrial) to C-3 (General Commercial). Prior to City Council's action, the Planning Commission recommended approval of the rezoning in March of 2022. Though not required with the rezoning request, a conceptual plan was included by the applicant indicating a multi-family residential building designed for individuals at risk of homelessness with 11 units.

The current Site Plan and Conditional Zoning Certificate applications propose the construction of an 8,799 sq. ft. 11 unit multi-family residential building designed for individuals at risk of homelessness. The applicant has also indicated that a unit will be occupied by a staff person and the building will include a meeting room, counseling space, and an administrative office.

NUMBER MULTI-FAMILY UNITS PER ACRE (SECTION 1127.05)

Section 1127.05 requires that there must be 5,400 sq. ft. of lot area per multi-family dwelling unit. The effective lot size is 0.89 acres, or 38,768 sq. ft., when removing right-of-way. The lot can therefore support 7.2 units at the permitted ratio.

The proposed project includes 11 dwelling units, which is 3,524 sq. ft. of lot area per dwelling unit. The applicant has indicated that each unit is designed to be occupied by one tenant.

MULTI-FAMILY UNITS SIZE (SECTION 1127.05)

Section 1127.05 also requires that each of the 1 bedroom dwelling units must be a minimum of 700 sq. ft. in area. The minimum floor area for 1 bedroom units is not met as each of the 11 units is 569 sq. ft., which totals 6,259 sq. ft. of the building.

However, the remaining 2,540 sq. ft. of the building includes a laundry, property manager office, meeting room, mechanical room, trash area, janitor's closet, common restroom, mail room, and hallways. Incorporating the entire footprint of the building would result in 800 sq. ft. of area per unit.

STANDARDS FOR VARIANCES AND APPEALS (SECTION 1107.08(i))

Factors applicable to area or size-type variances ("practical difficulty"). The applicant shall show by a preponderance of the evidence that the variance is justified, as determined by the Board. The Board shall weigh the following factors to determine whether a practical difficulty exists and an area or size-type variance should be granted:

- A. Whether the property in question will yield a reasonable return or whether there can be any beneficial use of the property without the variance;
- B. Whether the variance is substantial;
- C. Whether the essential character of the neighborhood would be substantially altered or whether adjoining properties would suffer substantial detriment as a result of the variance;
- D. Whether the variance would adversely affect the delivery of governmental services (e.g., water, sewer, garbage);
- E. Whether the property owner purchased the property with knowledge of the zoning restrictions;
- F. Whether the property owner's predicament feasibly can be obviated through some method other than a variance; and/or
- G. Whether the spirit and intent behind the zoning requirement would be observed and substantial justice done by granting a variance.

APPLICANT'S RESPONSES TO STANDARDS FOR VARIANCES AND APPEALS

The applicant's responses to the Standards for Variances and Appeals include but are not limited to the following:

- For the property to yield a reasonable return, the amount of proposed dwelling units is necessary in combination with financial assistance.
- The variances are not substantial as the scale of the development is compatible with the surrounding neighborhood and the reduced unit size is intended for single residents and acceptable to the Ohio Housing Finance Authority.
- The essential character of the neighborhood will not be altered as the property is at the intersection of industrial, commercial, and residential zoning districts and the development is compatible with the neighborhood.
- The spirit and intent of the zoning requirements will be observed as the development supports the intent of the zoning district to provide support for business activities. In addition, the development will contribute to the neighborhood and provide a stable home and services for residents.

Andrew Dutton

From: Dwight <dwright92126@gmail.com>
Sent: Monday, April 29, 2024 5:57 PM
To: Andrew Dutton
Subject: Conditional Zoning Variance of 881 Lafayette Rd

Dear Andrew Dutton,

I received a letter regarding the Conditional Zoning Certificate for a multi-family residential building at the address listed in the Subject.

I will not be able to attend this meeting in person.

I am opposed to the variances requested. It is already detrimental to property values having to deal with the road noise. The variances proposed would exacerbate the problem.

Dwight Kiszak
890 Lafayette Rd
Unit 7
Medina, OH 44256
858 735-4648



PRINCIPALS

Anthony W. Hiti, AIA

David P. DiFrancesco, AIA, LEED BD+C

David W. Siebold, AIA

ASSOCIATES

Michael K Werner, AIA, LEED AP

Brian E. Grambort, AIA, LEED AP

Kristina D. Reagan, IIDA, LEED Green Associate

The Lafayette PROJECT SUMMARY

The Lafayette is an 11-unit new construction one-story apartment building located at 881 Lafayette Road in Medina, Ohio and designated for individuals at risk of homelessness. The Lafayette will be developed and managed by the Medina Metropolitan Housing Authority and owned by the Brunswick Housing Development Corporation. The Lafayette will reserve one unit for an on-site staff person to assist with property management and resident services, and residents will be provided comprehensive, wrap-around case management services to enhance their quality of life and address the root causes of the housing crisis they faced.

New construction building will be approximately 8,799 SF gross with typical one-bedroom apartments at 569 SF gross. Building areas will include resident meeting room, counseling space, administrative office, and staff and building support spaces.

The development will be designed and constructed to comply with current model codes as adopted by the State of Ohio, ICC A117.1 – 2017, and NGBS Bronze requirements.

Site Address: 881 Medina Road, Medina, Ohio 44256

Site Parcel ID: 028-19C-08-134

Site Area Total: 1.08 Acres (47,054 SF)

Site Area Right-of-Way: 0.19 Acres (8,334 SF)

Site Area Open Space (Paved and Green): 0.69 Acres (29,921 SF)

Site Area Residential Use: 0.2 Acres (8,799 SF)

Number of Dwelling Units: 11

Hiti, DiFrancesco and Siebold, Inc.

Architecture + Interior Design + Planning

1939 West 25th Street, Suite 300

Cleveland, Ohio 44113

P 216.696.3460

F 216.696.1152

www.hidisiarch.com



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Kristina Reagan, IIDA, LEED Green Associate

April 19, 2024

Andrew Dutton – Community Development Director
City of Medina
132 North Elmwood Avenue
Medina, Ohio 44256

Re: The Lafayette
HD+S Project No: 2023.32

Mr. Dutton,

Regarding the Board of Zoning Appeals review of the above-mentioned project, we submit the following responses to the questions on the form **Factors Applicable to Area or Size-Type Variances (“Practical Difficulty”)**.

A. Whether the property in question will yield a reasonable return or whether there can be any beneficial use of the property without the variance;

Pertaining to the density and unit size variances, this permanent supportive housing development for individuals who are either homeless or at imminent risk of homelessness will be financially and programmatically sound. Rental assistance for the residents will be secured to assure sufficient income for the property’s operations and maintenance. The unit count combined with the rental assistance for residents were designed to optimize the property’s financial operations. This development is in direct response to the significant community demand for this type of housing and is supported by the success of similarly sized units in the applicant’s portfolio (managed in conjunction with Medina County ADAMH Board). Without the variance this specific development would not be feasible. The parcel has been recently undeveloped and without these variances would likely continue to remain undeveloped.

B. Whether the variance is substantial;

The effect of the site density variance is not substantial relative to the scale of the development and its compatibility with the surrounding neighborhood. The proposed unique development designed for individuals who are either homeless or at imminent risk of homelessness maintains a low-rise residential appearance while still providing adequate living space for the residents. The reduced unit size is also not a substantial variance as this development is not a typical market rate or multi-family

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building but one intended for single residents; and as such the unit sizes are in compliance and acceptable to the Ohio Housing Finance Authority (OHFA), the principal funder of the development; further the unit count for the site fits well within the neighborhood. Each unit is provided with a full kitchen, full bathroom, living area, dining area, and bedroom. These variances are critical to allow the development to be financially and programmatically feasible to better serve this need for affordable permanent housing solutions.

C. Whether the essential character of the neighborhood would be substantially altered or whether adjoining properties would suffer substantial detriment as a result of the variance;

The property is located at an intersection of parcels zoned I-1, C-3, and R-3. As such the proposed development maintains a low-rise multi-family residential appearance which is complementary and compatible with the various characteristics of the neighborhood. There would be no detrimental affect to the homes or businesses nearby.

D. Whether the variance would adversely affect the delivery of governmental services (e.g., water, sewer, garbage);

The variances would not have an adverse affect on the delivery of services.

E. Whether the property owner purchased the property with knowledge of the zoning restrictions;

The property was purchased with knowledge of the zoning restrictions.

F. Whether the property owner's predicament feasibly can be obviated through some method other than a variance; and/or

The proposed OHFA-funded Affordable Housing Development cannot comply with the stated density requirement and unit size requirement while maintaining financial and programmatic feasibility.

G. Whether the spirit and intent behind the zoning requirement would be observed and substantial justice done by granting a variance.

Granting the variances to allow this unique multi-family development would support the intent behind the C-3 zoning district which is to provide support for the primary business activities in the community. The implementation and success of this development will directly contribute to the continued success of the neighborhood and honor the spirit of the zoning code by providing permanent and stable residences for individuals to help them become contributing members of the community.

Please do not hesitate to reach out with any questions.

Sincerely,

Hiti, DiFrancesco and Siebold, Inc.



Brian Grambort, Associate

STORM SEWER CONSTRUCTION NOTES

- HALF HEADWALL ①
8" FL (SE)=1117.84
- HALF HEADWALL ②
8" FL (NW)=1117.90
- HALF HEADWALL ③
10" FL (NE)=1117.90
- HALF HEADWALL ④
10" FL (SW)=1118.00
- HALF HEADWALL ⑤
10" FL (S)=1117.90
- HALF HEADWALL ⑥
10" FL (N)=1118.20

LEGEND

	EX. SANITARY SEWER		EX. TELEPHONE POLE
	EX. SANITARY MANHOLE		EX. OVERHEAD LINE
	EX. STORM SEWER		EX. SIGN
	EX. STORM MANHOLE		EX. CONTOUR
	EX. CURB INLET BASIN		EX. CREEK
	EX. 2-2-B INLET BASIN		EX. TREE LINE
	EX. WATER MAIN		PROPOSED ASPHALT PAVEMENT
	EX. HYDRANT ASSEMBLY		PROPOSED CONCRETE PAVEMENT
	EX. LINE VALVE		PROP. CLEANOUT
	EX. GAS LINE		
	EX. POWER POLE		
	EX. GUY WIRE		

GENERAL NOTES:

- ALL CONTRACTORS COMPLETING WORK WITHIN THE CITY OF MEDINA MUST REGISTER WITH THE CITY. PLEASE CONTACT THE CITY OF MEDINA BUILDING DEPARTMENT AT (330) 722-9030 FOR DETAILS ON THE REGISTRATION PROCESS.
- THE CONTRACTOR MUST PROVIDE THE CITY ENGINEER WITH A MINIMUM OF FORTY-EIGHT (48) HOUR NOTICE OF ANY CONFLICTS CONSTRUCTION OF THIS PROJECT MAY HAVE WITH THE TRAFFIC FLOW ON MINER DRIVE.
- ALL WORK WITHIN THE ROAD RIGHT-OF-WAY AND EASEMENT AREAS MUST BE INSPECTED BY THE CITY OF MEDINA ENGINEERING DEPARTMENT. PLEASE CONTACT THE CITY ENGINEER AT (330) 723-3846 TO SCHEDULE INSPECTIONS.
- ALL RESTORATION WORK WITHIN THE RIGHT OF WAY NECESSARY TO COMPLETE THE BORE WILL BE THE RESPONSIBILITY OF THE OWNER, INCLUDING ANY SIDEWALK OR PAVEMENT REPLACEMENT.
- ALL STORM STRUCTURES AND STORM SEWERS FOR THIS PROJECT OUTSIDE OF THE ROAD RIGHT OF WAY AND STORM SEWER EASEMENTS ARE CONSIDERED PRIVATE AND ARE OWNED AND MAINTAINED BY THE PROPERTY OWNER. THE OWNER WILL BE RESPONSIBLE FOR ANY AND ALL COSTS ASSOCIATED WITH MAINTAINING THE STORM SEWER SYSTEM.

SITE DATA

ZONING DISTRICT C-3 GENERAL COMMERCIAL
 MULTI-FAMILY USE REQUIREMENTS TO CONFORM TO R-4 DISTRICT
 MINIMUM BUILDING SETBACK 40 FT.
 MINIMUM SIDE YARD 5 FT.
 MINIMUM REAR YARD 30 FT.

MAXIMUM BUILDING HEIGHT 35 FT.
 TOTAL SITE AREA 1.0800 ACRES
 MAXIMUM LOT COVERAGE 28,226 S.Q. FT. (60%)

PARKING SUMMARY:

MIN. PARKING SPACE DIMENSIONS 9 FEET x 19 FEET
 PARKING PROVIDED:
 LANDBANKED SPACES 13 SPACES
 PARKING SPACES 9 SPACES
 ADA PARKING SPACES 2 SPACES
 TOTALS: 24 SPACES

C/L 1754
 P.P.# 028-19C-08-004
 MONTANA JAKE, LLC (77.3%)
 EQUITY TRUST COMPANY CUSTODIAN
 FBO JILL RITCHE IRA (22.7%)

C/L 6444
 P.P.# 028-19C-08-066
 MEDINA COUNTY BOARD
 OF COMMISSIONERS

C/L 6444
 P.P.# 028-19C-08-066
 MEDINA COUNTY BOARD
 OF COMMISSIONERS

DATE	DESCRIPTION	BY

MEDINA METRO HOUSING AUTHORITY
 LOCATED IN
 COUNTY OF MEDINA

CUNNINGHAM & ASSOCIATES, INC.
 CIVIL ENGINEERING and SURVEYING
 203 W. LIBERTY ST. MEDINA, OHIO 44226 330-723-5980

SITE DIMENSION AND UTILITY PLAN

DRAWN BY: CAH
 DATE: 10/13/2023
 CHECKED BY:
 DATE:

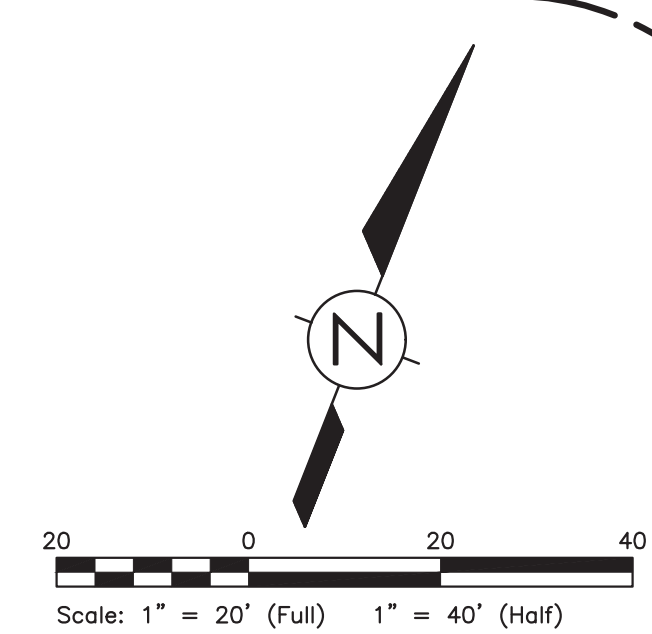
PROJECT No.
 23-245

ACAD FILE No.
 M:\...123-245 EP1

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

SHEET NO.

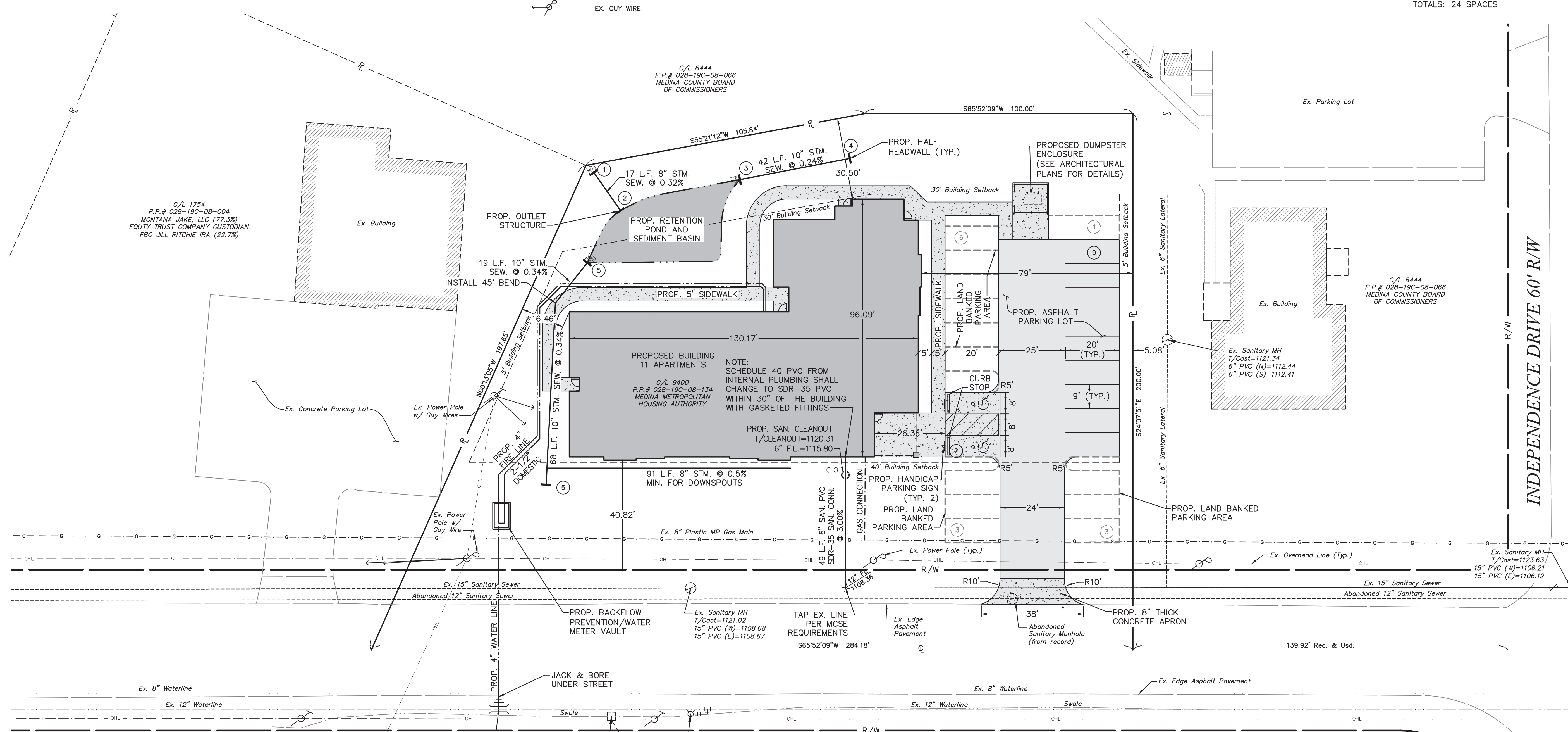
4 / 10



LAFAYETTE ROAD (S.R. 42; S.H. 139) 60' R/W

INDEPENDENCE DRIVE 60' R/W

YESTERDAY LANE



DATE	DESCRIPTION	BY

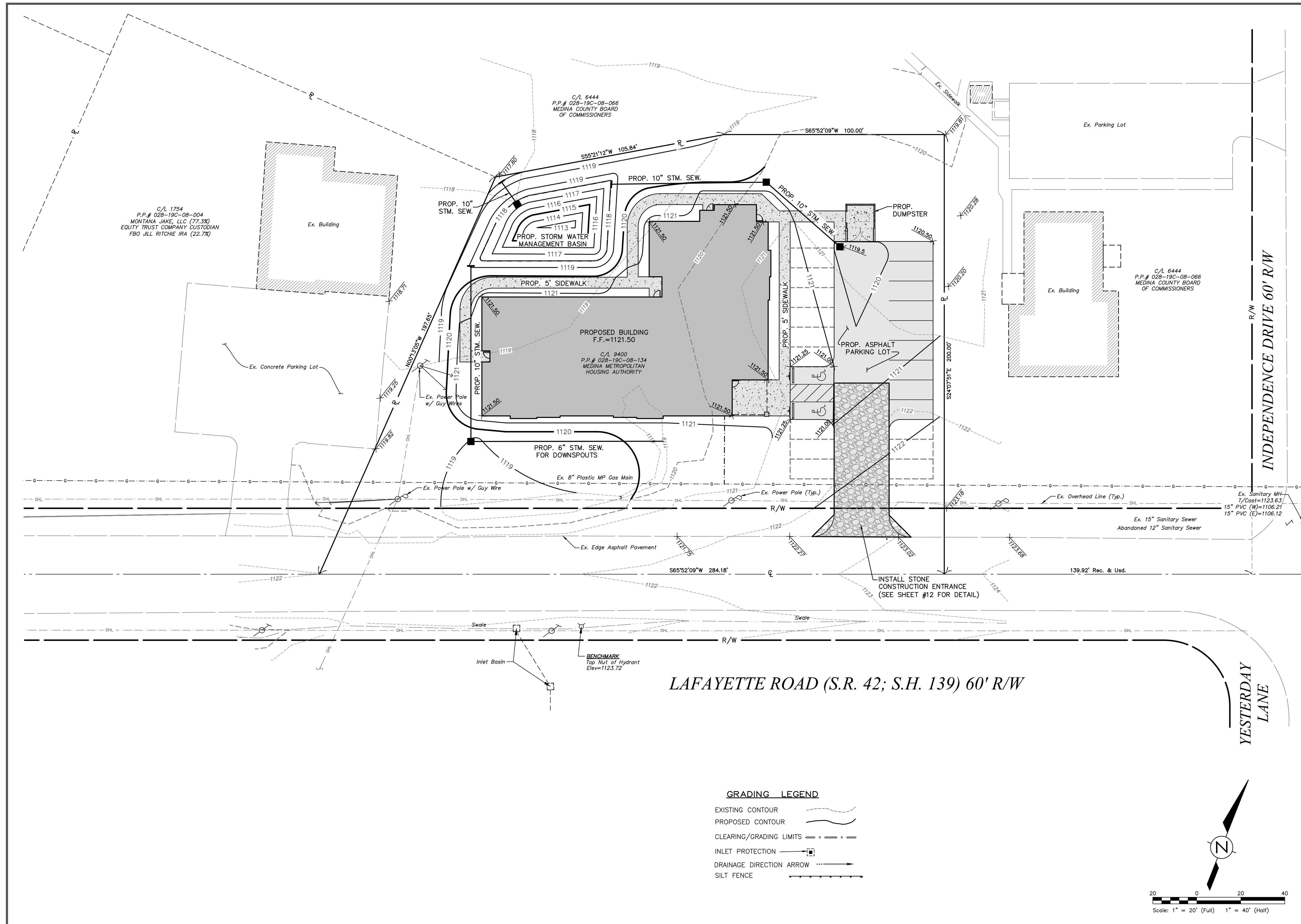
MEDINA METRO HOUSING AUTHORITY
 LOCATED IN COUNTY OF MEDINA
 CITY OF MEDINA
CUNNINGHAM & ASSOCIATES, INC.
 CIVIL ENGINEERING and SURVEYING
 203 W. LIBERTY ST. MEDINA, OHIO 44226 330-725-5980

SHEET TITLE:
SITE GRADING AND STORM WATER POLLUTION PREVENTION PLAN

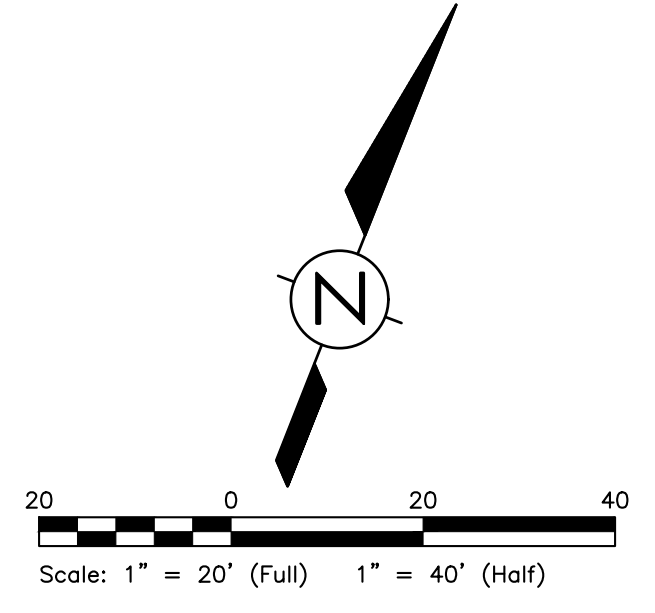
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DATE: 10/13/2023
CHECKED BY: _____
DATE: _____
PROJECT No. 23-245
ACAD FILE No. M:\...123-245 SP

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

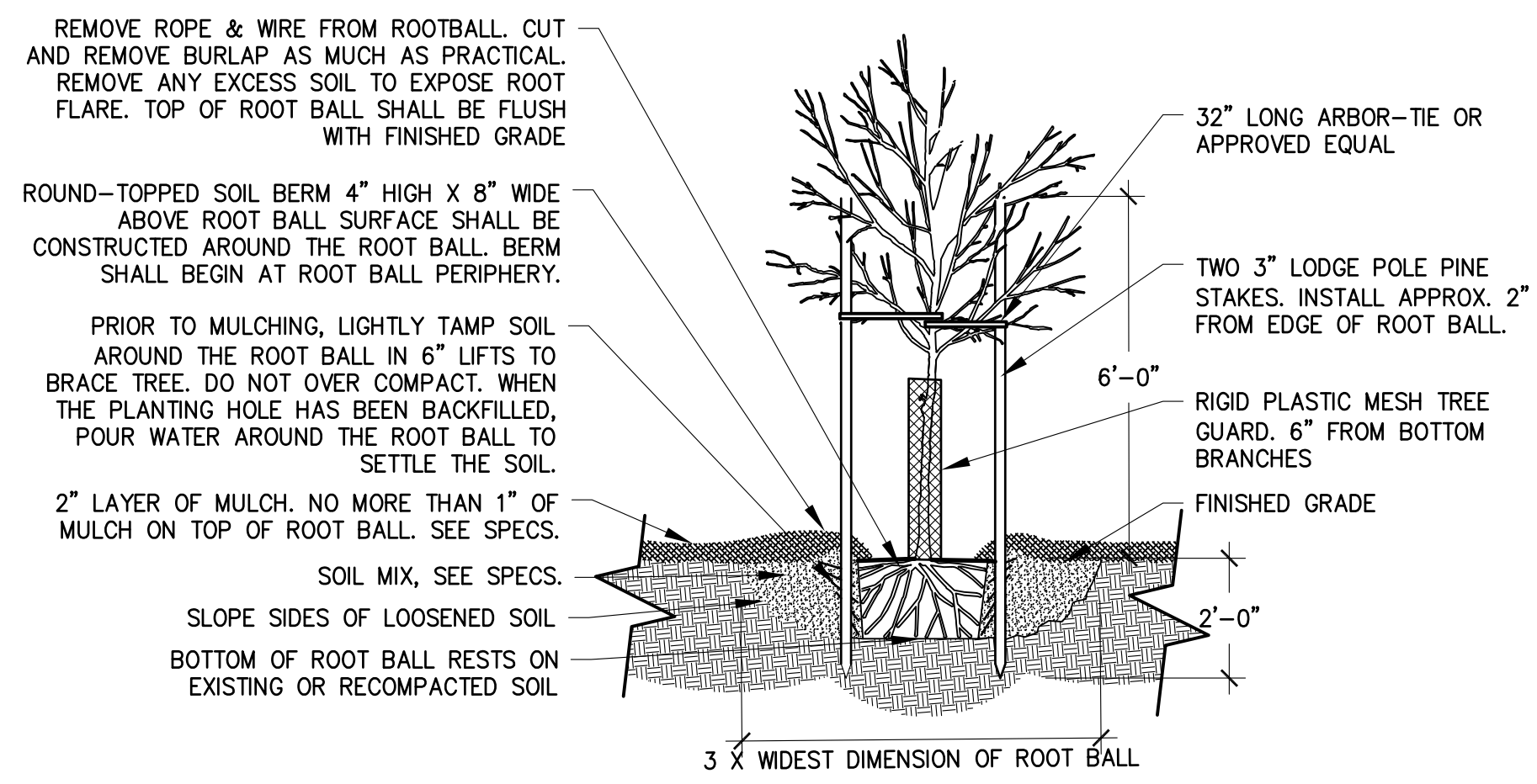
SHEET NO.
 5 / 7



- GRADING LEGEND**
- EXISTING CONTOUR (dashed line)
 - PROPOSED CONTOUR (solid line)
 - CLEARING/GRADING LIMITS (dash-dot line)
 - INLET PROTECTION (square with arrow)
 - DRAINAGE DIRECTION ARROW (arrow with dots)
 - SILT FENCE (line with perpendicular dashes)

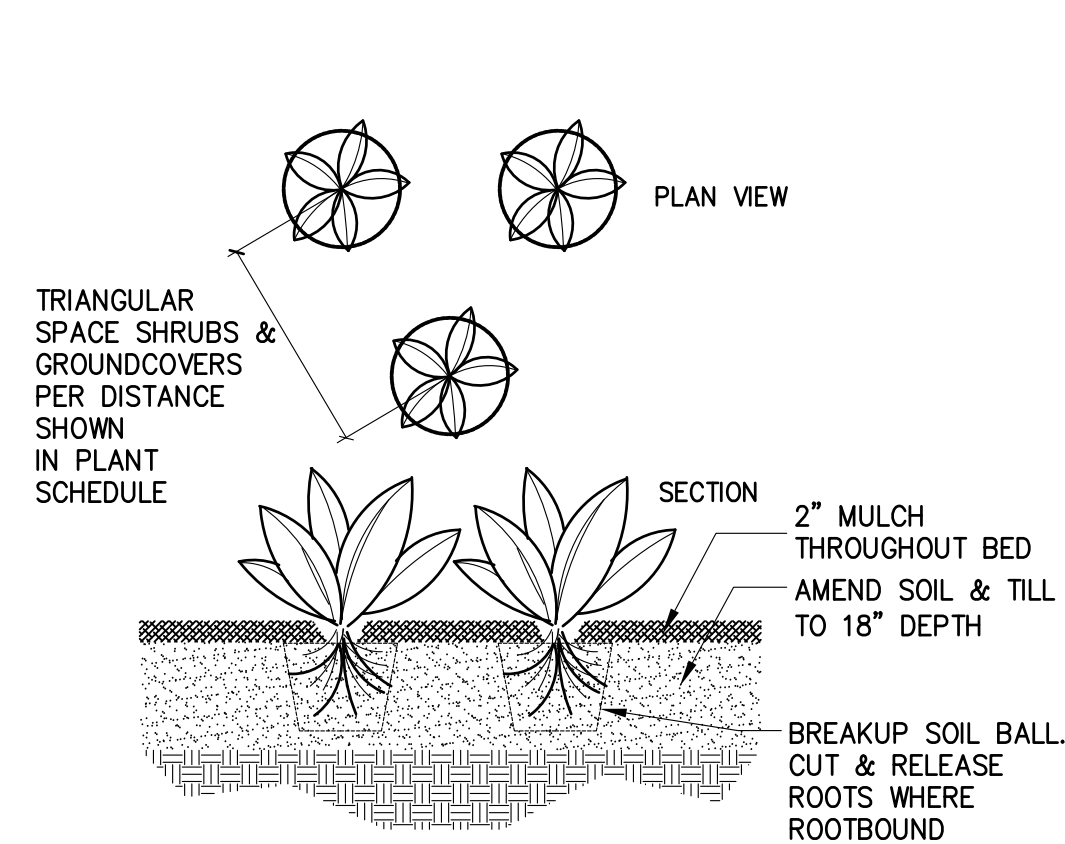


X:\Job_Folders\2023\23-245\Drawings\23-245 SP.dwg, 10/24/2023 3:15 PM, Autocad3



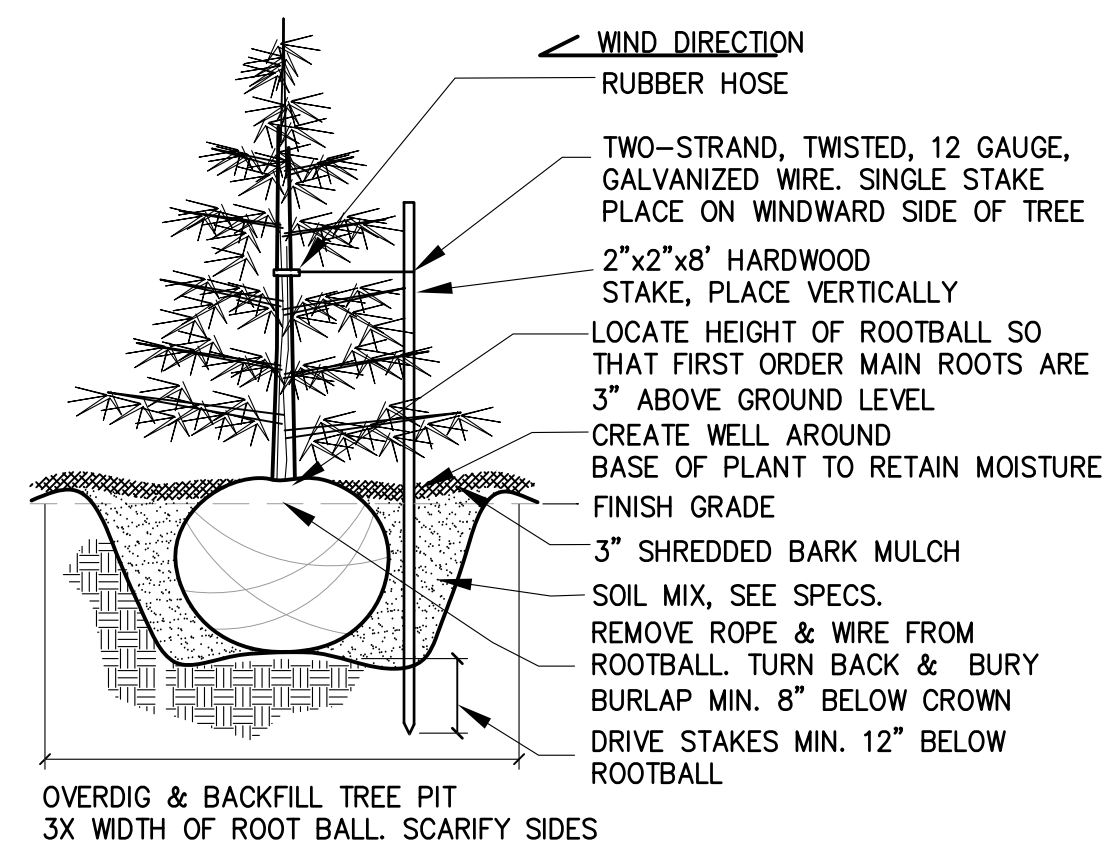
TREE PLANTING & STAKING

Scale: 3/8" : 1'-0"



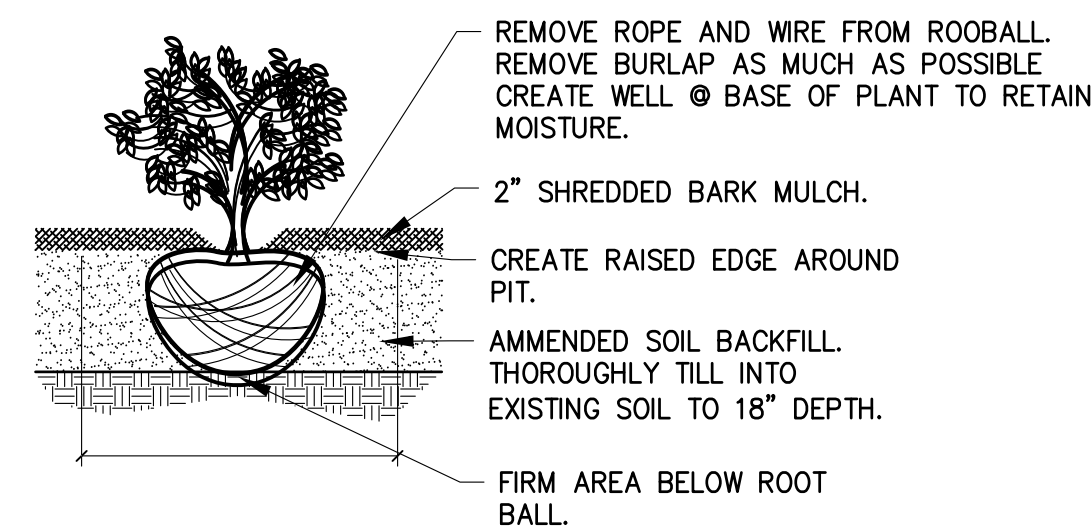
GROUNDCOVER/PERENNIAL PLANTING

Scale: 3/4" : 1'-0"



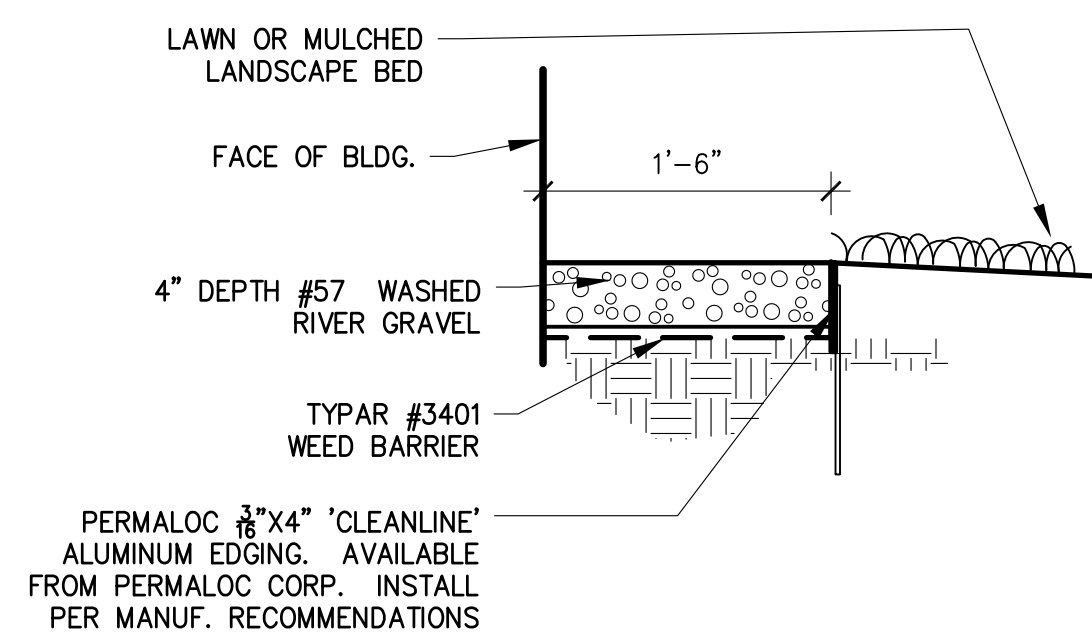
EVERGREEN TREE PLANTING & STAKING

Scale: 3/4" : 1'-0"



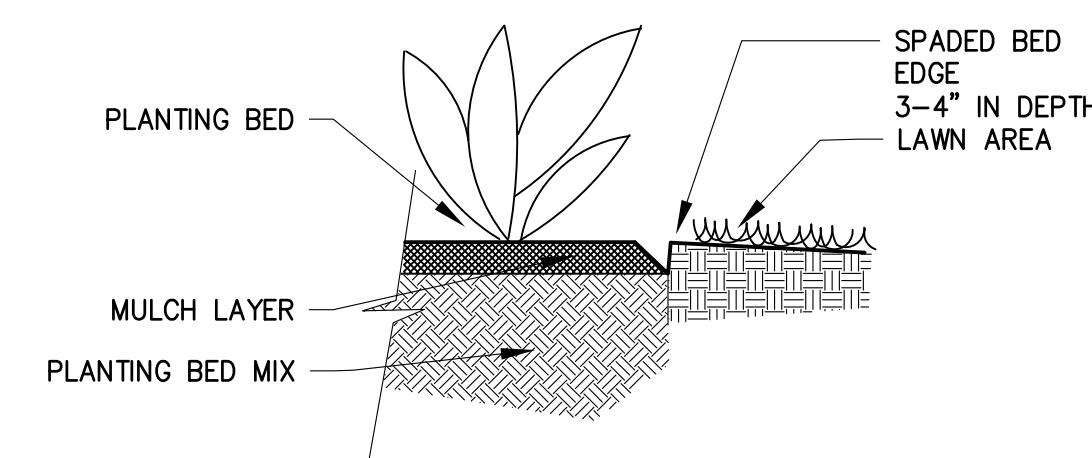
SHRUB PLANTING

Scale: 3/4" : 1'-0"



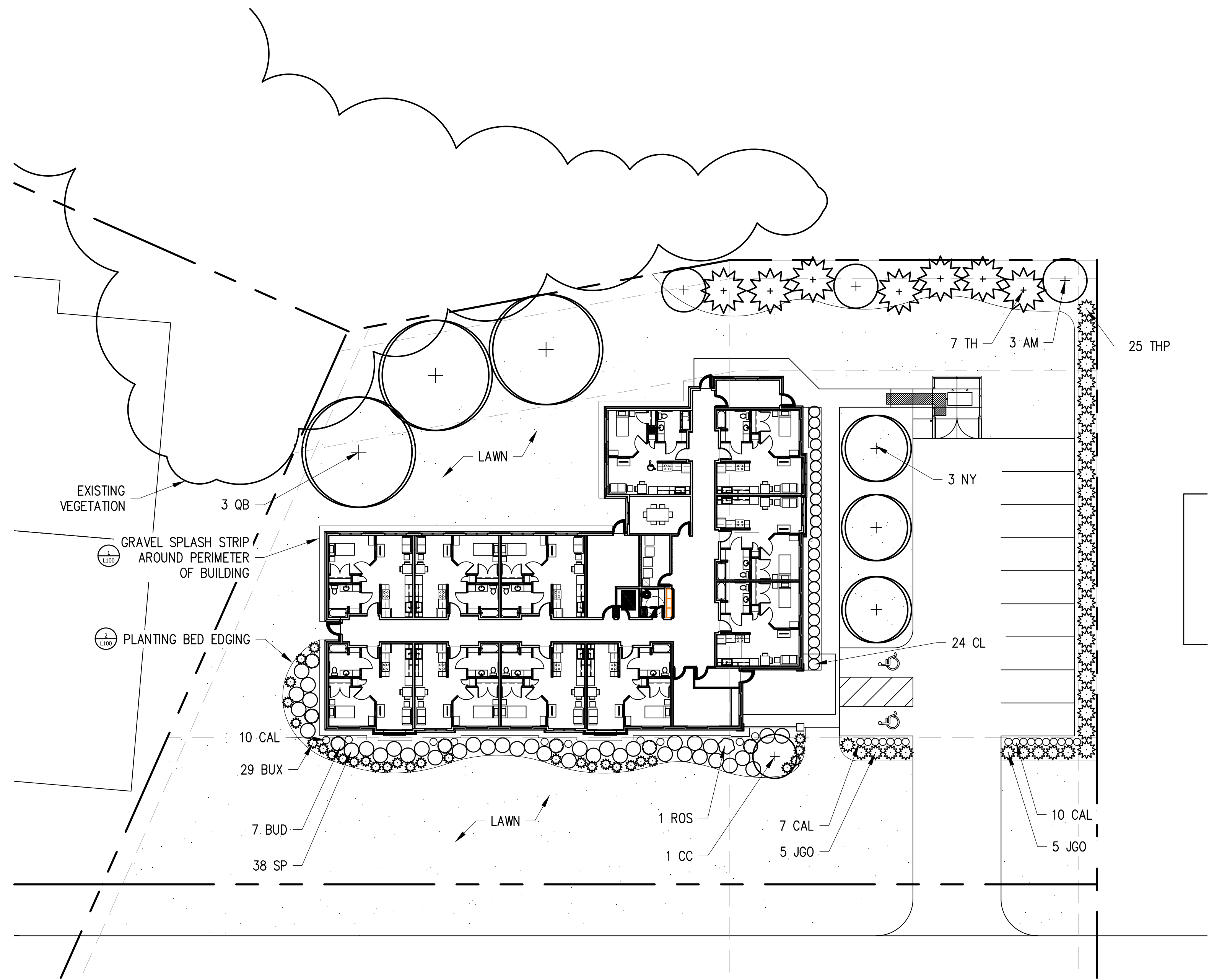
GRAVEL SPLASH STRIP

Scale: 1" : 1'-0"



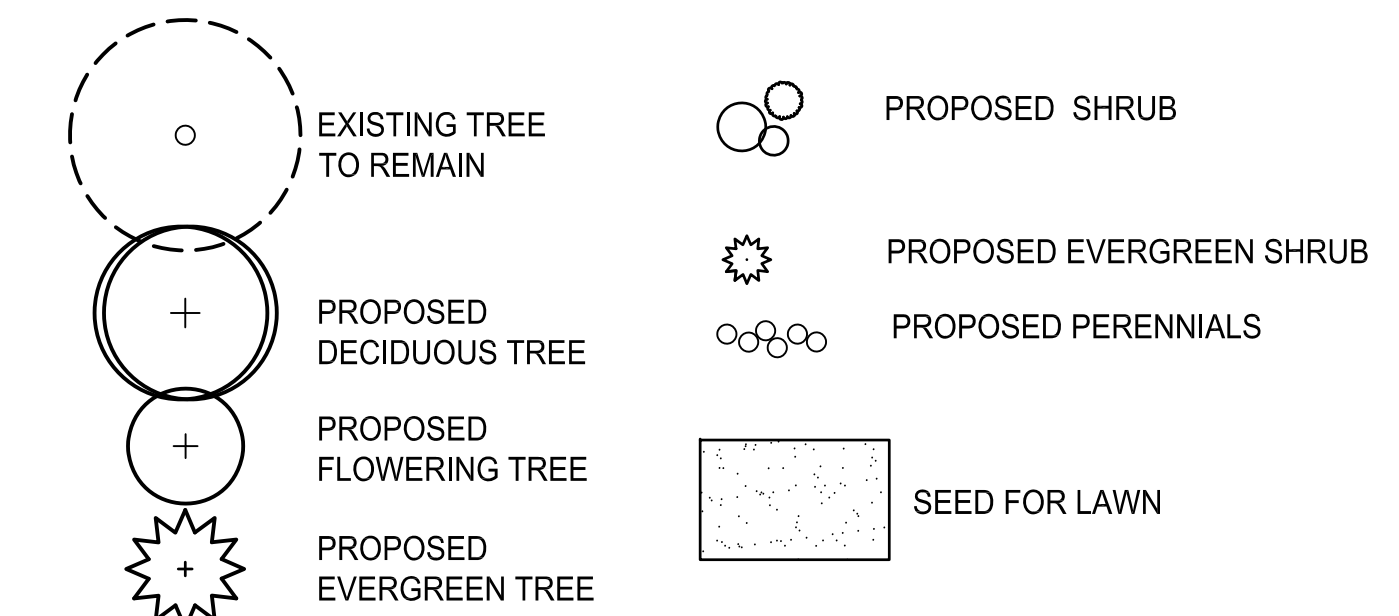
PLANTING BED EDGING

Scale: 3/4" : 1'-0"



Plant Schedule					
Key	Qty	Botanical / Common Name	Size	Cond.	Spacing
Trees					
AM	3	Amelanchier grandiflora/ Apple Serviceberry	6'	B&B	12' O.C.
CC	1	Cercis c. 'Flame Thrower'/ Flame Thrower Redbud	6'	B&B	See Plan
NY	3	Nyssa Sylvatica/ Black Gum	2 1/2"	B&B	See Plan
QB	3	Quercas bicolor/ Swamp White Oak	3"	B&B	See Plan
TH	7	Thuja plicata/ Giant Arborvitae	8'	B&B	12' O.C.
THP	25	Thuja p. 'Fastigiata'/ Fastigate Western Arborvitae	6'	B&B	5' O.C.
Shrubs					
BUD	7	Buddleia 'Buzz Midnight'/ Buzz Midnight Buzz Series Butterfly Bush	Shrub	No. 2	4' O.C.
BUX	29	Buxus x 'Green Velvet'/ Green Velvet Boxwood	15"	B&B	3' O.C.
CL	24	Clethra a. 'Sixteen Candles'/ Sixteen Candles Summersweet	24"	No. 5	3' O.C.
JGO	10	Juniperus v. 'Grey Owl'/ Grey Owl Juniper	30"	No. 5	4' O.C.
ROS	1	Rosa rugosa 'Alba'/ White Rugosa Rose	Shrub	No. 3	4.5' O.C.
SP	38	Spiraea x bumalda 'Anthony Waterer'/ Anthony Waterer Spirea	Shrub	No. 3	4' O.C.
Perennials					
CAL	17	Calamagrostis X 'Karl Foerster'/ Karl Foerster Reed Grass	Clump	No. 2	24" O.C.
Lawn					

KEY



NOTES

- CONTRACTOR TO VERIFY CONDITIONS AND DIMENSIONS IN THE FIELD AND NOTIFY THE OWNER OR ARCHITECT OF DISCREPANCIES.
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING PLANT QUANTITIES DETAILED ON PLAN. SCHEDULE PROVIDED FOR REFERENCE ONLY.
- PROVIDE A MIN. 3" DIAMETER MULCH BED AROUND EACH INDIVIDUAL TREE UNLESS TREES ARE INCORPORATED IN A PLANTING BED.
- ANY PLANT MATERIAL SUBSTITUTIONS TO BE VERIFIED AND APPROVED BY OWNER OR CONSULTANT PRIOR TO INSTALLATION.

2 WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 811
WWW.OUPS.ORG/IDIG
OHIO UTILITIES PROTECTION SERVICE

PRELIMINARY
NOT FOR CONSTRUCTION

PROJECT NO.: 2023.32

TITLE:
Landscape
Plan

DRAWING NUMBER:

L-100

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THE LAFAYETTE

881 LAFAYETTE ROAD
MEDINA, OHIO 44256

hd+s

HITI

DIFRANCESCO
+ SIEBOLD

ARCHITECTURE + INTERIOR DESIGN + PLANNING
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P 216.696.3460 F 216.696.1152
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MARK DATE PURPOSE
10/24/23 80% SET



SOUTH ELEVATION
 3/32" = 1'-0" FRONT

- ASPHALT SHINGLES
- SHAKE SIDING
- VINYL WINDOW
- FIBER-CEMENT SIDING
- CAST- STONE SILL
- BRICK VENEER



EAST ELEVATION
 3/32" = 1'-0" SIDE

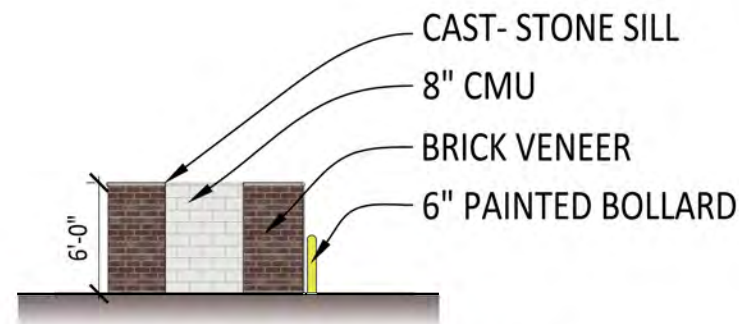
- SHAKE SIDING
- CULTURED STONE
- FIBER-CEMENT SIDING
- ASPHALT SHINGLES
- VINYL WINDOW
- CAST- STONE SILL
- BRICK VENEER



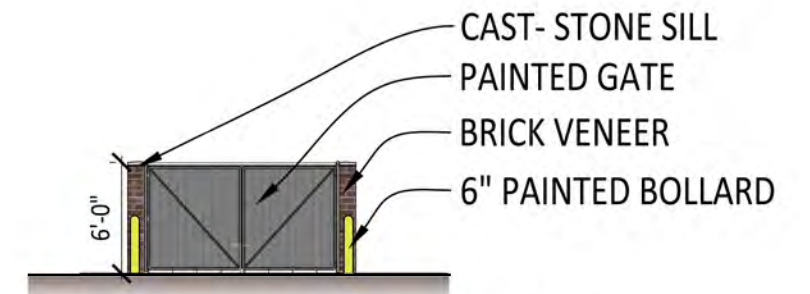
NORTH ELEVATION
 3/32" = 1'-0" FRONT



WEST ELEVATION
 3/32" = 1'-0" SIDE



DUMPSTER ENCLOSURE
 3/32" = 1'-0" SIDE

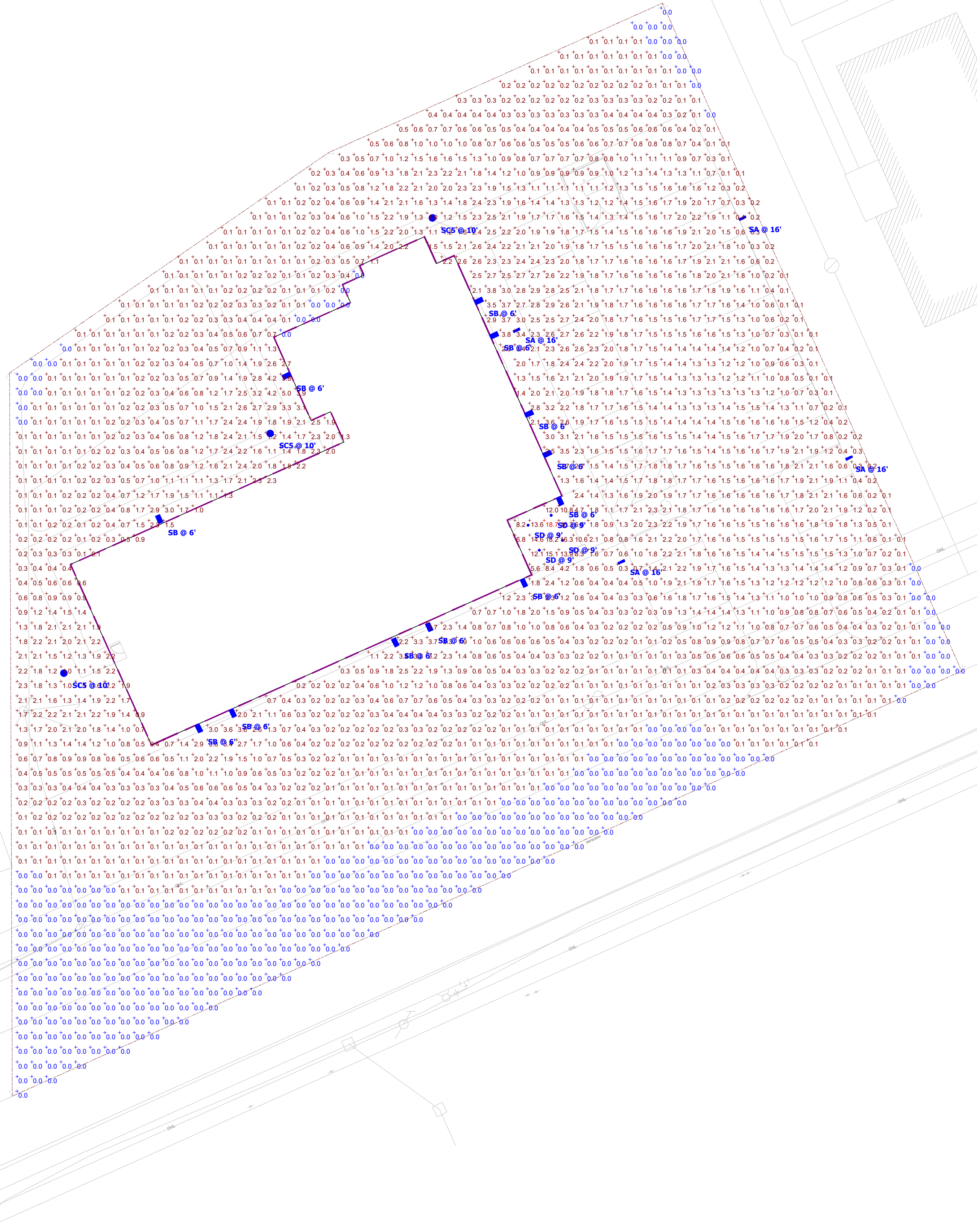


DUMPSTER ENCLOSURE
 3/32" = 1'-0" FRONT

THE LAFAYETTE
 PERMANENT SUPPORTIVE HOUSING

881 LAFAYETTE ROAD
 MEDINA, OHIO 44256

Hiti, DiFrancesco and Siebold, Inc.
 APRIL 29, 2024 2024 Hiti, DiFrancesco & Siebold, Inc.



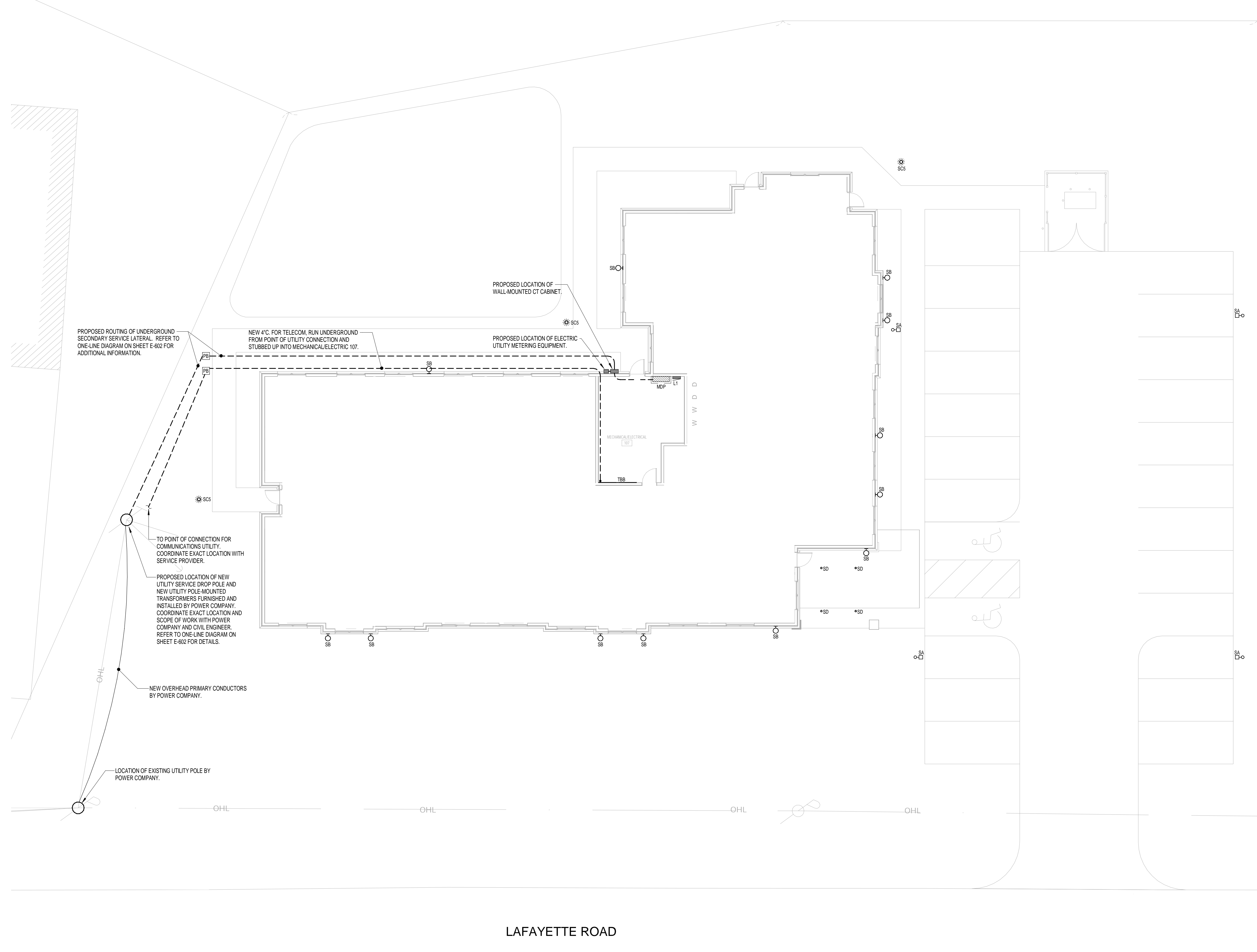
Plan View
Scale - 1" = 20'

Luminaire Locations										
No.	Label	Location			Aim			X	Y	Z
		X	Y	Z	MH	Orientation	Tilt			
1	SA	12234.98	8495.99	16.00	16.00	65.00	0.00	12235.89	8496.41	0.00
3	SA	12297.95	8527.20	16.00	16.00	245.00	0.00	12297.04	8526.78	0.00
5	SA	12263.60	8432.67	16.00	16.00	65.00	0.00	12264.50	8433.10	0.00
6	SA	12327.05	8461.67	16.00	16.00	245.00	0.00	12326.14	8461.25	0.00
1	SC5	12111.93	8402.56	10.00	10.00	65.00	0.00	12111.93	8402.56	0.00
2	SC5	12268.29	8468.10	10.00	10.00	65.00	0.00	12268.29	8468.10	0.00
1	SB	12247.46	8449.59	6.00	6.00	155.00	0.00	12247.46	8449.59	0.00
3	SB	12243.95	8462.49	6.00	6.00	65.00	0.00	12243.95	8462.49	0.00
5	SB	12238.98	8473.47	6.00	6.00	65.00	0.00	12238.98	8473.47	0.00
6	SB	12229.46	8494.91	6.00	6.00	65.00	0.00	12229.46	8494.91	0.00
7	SB	12225.28	8504.31	6.00	6.00	65.00	0.00	12225.28	8504.31	0.00
8	SB	12172.76	8483.84	6.00	6.00	244.78	0.00	12172.76	8483.84	0.00
9	SB	12137.95	8444.67	6.00	6.00	336.64	0.00	12137.95	8444.67	0.00
10	SB	12148.80	8387.50	6.00	6.00	153.72	0.00	12148.80	8387.50	0.00
11	SB	12158.07	8391.65	6.00	6.00	154.59	0.00	12158.07	8391.65	0.00
12	SB	12202.45	8411.00	6.00	6.00	153.72	0.00	12202.45	8411.00	0.00
13	SB	12211.72	8415.15	6.00	6.00	154.59	0.00	12211.72	8415.15	0.00
14	SB	12237.59	8427.25	6.00	6.00	154.59	0.00	12237.59	8427.25	0.00
3	SC5	12212.59	8527.00	10.00	10.00	170.00	0.00	12212.59	8527.00	0.00
1	SD	12238.74	8443.02	9.00	9.00	0.00	0.00	12238.74	8443.02	0.00
2	SD	12245.04	8445.72	9.00	9.00	0.00	0.00	12245.04	8445.72	0.00
3	SD	12241.79	8436.17	9.00	9.00	0.00	0.00	12241.79	8436.17	0.00
4	SD	12248.09	8438.87	9.00	9.00	0.00	0.00	12248.09	8438.87	0.00

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Site Plan	+	0.8 fc	18.7 fc	0.0 fc	N/A	N/A

Schedule											
Symbol	Label	Image	Quantity	Manufacturer	Catalog Number	Description	Number Lamps	Lumens Per Lamp	Light Loss Factor	Wattage	Plot
SA	SA		4	COOPER LIGHTING SOLUTIONS - INVUE (FORMERLY EATON)	ICS-E02-LED-E1-T4-HSS	ICON SITE SMALL LED LUMINAIRE (2) LIGHTBARS WITH ACCELLED OPTICS - TYPE 4 W/ HOUSE SIDE SHIELD	42	83	0.95	52.1	
SC5	SC5		3	COOPER LIGHTING SOLUTIONS - INVUE (FORMERLY EATON)	ARB-B2-LED-D1-T5	ARBOR OUTDOOR ARCHITECTURAL POST TOP 70 CRI, 4000K LEADS AND TYPE V OPTIC	8	567	0.95	41	
SB	SB		12	TERON LIGHTING INC.	ALLW-L38-ZE1400-TB-35K	ALLEGRO LED WALL MOUNT FIXTURE IN AN ALUMINUM HOUSING WITH TEXTURED BLACK POLYESTER POWDER COAT FINISH, LUMINOUS WHITE ACRYLIC WRAP-AROUND DIFFUSER, LUMINOUS WHITE ACRYLIC TOP AND BOTTOM LENS PANELS, (108) 35K LEADS AND (1) ELECTRONIC DRIVER.	1	2092	0.95	44	
SD	SD		4	Lithonia Lighting	LDN4 40/10 L04AR LD	4IN LDN, 4000K, 1000LM, CLEAR, MATTE DIFFUSE REFLECTOR, 80CRI	1	936	0.95	10.58	

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SITE PLAN GENERAL NOTES:

1. REFERENCE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION RELATED TO THE ELECTRICAL INSTALLATION.
2. REFERENCE MECHANICAL, PLUMBING, FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION. COORDINATE ELECTRICAL WORK WITH OTHER TRADES.
3. WHERE THE UTILITY TRANSFORMER, SWITCHING AND/OR METERING EQUIPMENT SHALL BE INSTALLED PAD-MOUNTED IN A PAVED AREA ACCESSIBLE TO VEHICULAR TRAFFIC, THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL CONCRETE FILLED BOLLARDS AROUND ALL SUCH ELECTRICAL EQUIPMENT. PROVIDE BOLLARDS AT ALL ACCESSIBLE CORNERS OF EQUIPMENT WITH ADDITIONAL BOLLARDS IN BETWEEN AS REQUIRED FOR A MAXIMUM SPACING OF 4'-0\"/>
4. MINIMUM UNDERGROUND CONDUIT SIZE SHALL BE 1 INCH, UNLESS OTHERWISE INDICATED.
5. TELEPHONE, DATA, CABLE TV, AND ELECTRIC UTILITY DUCT BANKS SHALL BE INSTALLED PER RESPECTIVE UTILITY COMPANY'S REQUIREMENTS.
6. CAP ALL CONDUIT STUBS AND MARK ENDS WITH IRON PINS.
7. PROVIDE PULL-WIRE IN ALL DUCT BANKS.
8. PROVIDE METALLIC MARKING TAPE OVER ALL DUCTS/DUCTBANKS.
9. TOP OF ELECTRICAL DUCT BANK SHALL BE A MINIMUM OF 36\"/>
10. CONCRETE ENCASE DUCT BANKS AND/OR CONDUIT WHERE ROUTED UNDER DRIVEWAYS, ROADWAYS OR PARKING AREAS.
11. COORDINATE ROUTING AND INSTALLATION OF PROPOSED ELECTRIC PRIMARY, ELECTRIC SECONDARY, AND COMMUNICATION DUCTBANKS. WHERE DUCTBANKS CROSS MAKE NECESSARY ADJUSTMENTS TO BURIAL DEPTH AND DUCTBANK CONFIGURATION TO MAINTAIN CODE REQUIRED DEPTHS FROM TOP OF DUCTBANK TO FINISHED GRADE.
12. CONTRACTOR SHALL OBTAIN THE SERVICES OF A LICENSED SURVEYOR TO IDENTIFY, COORDINATE AND RECORD EXACT LOCATIONS OF UNDERGROUND UTILITIES. RECORD DRAWINGS (HARD COPIES AND ELECTRONIC CAD FILES) SHALL BE PROVIDED TO OWNER. REFERENCE CIVIL UTILITY PLANS FOR SITE UTILITY DESIGN INFORMATION. COORDINATE WORK WITH OTHER TRADES.
13. ALL TRENCHING AND BACKFILLING ASSOCIATED WITH ELECTRICAL WORK SHALL BE INCLUDED IN THE ELECTRICAL CONTRACTORS BID.
14. WHERE DEVICES AND EQUIPMENT ARE SUBJECT TO WATER AND OR MOISTURE, THE DEVICE OR ASSOCIATED CIRCUIT SHALL BE GFI PROTECTED. EQUIPMENT ENCLOSURES SHALL BE NEMA 3R RATED AT A MINIMUM.
15. REFERENCE SITE ELECTRICAL NOTES, DRAWING E-002.
16. COORDINATE FINAL LOCATION OF ALL ELECTRICAL DEVICES AND EQUIPMENT WITHIN LANDSCAPED AND HARDSCAPED AREAS WITH ARCHITECT AND LANDSCAPE/HARDSCAPE ARCHITECT DRAWINGS PRIOR TO INSTALLATION.
17. REFER TO ONE-LINE DIAGRAM ON SHEET E-002 FOR CONDUIT SIZES AND QUANTITIES ASSOCIATED WITH THE UNDERGROUND PRIMARY AND SECONDARY SERVICE LATERAL DUCT BANKS.
18. ALL CONDUIT IN UNDERGROUND DUCT BANKS SHALL BE SUPPORTED WITH BASE AND INTERMEDIATE DUCT SPACERS.

SITE LOW VOLTAGE/TECHNOLOGY SYSTEM PATHWAY REQUIREMENTS:

1. CONDUIT RUNS FOR UNDERGROUND DUCT BANKS MAY EXTEND 300 FEET (MAX) BEFORE A PULL BOX, HAND HOLE OR MANHOLE IS REQUIRED.
2. PROVIDE PULL BOX, HAND HOLE OR MANHOLE AFTER EVERY TWO (2) 90 DEGREE BENDS OR 180 DEGREES OF BENDS, INCLUDING OFFSETS.
3. BENDS TO BE LONG-SWEEP BENDS, BUT IN NO CASE SHALL A BEND BE LESS THAN 10 TIMES OUTSIDE DIAMETER OF CONDUIT.
4. ALL 90 DEGREE BENDS TO BE EITHER PVC CONCRETE ENCASED OR GALVANIZED RIGID STEEL.
5. SLOPE CONDUITS AWAY FROM BUILDING TOWARD MANHOLE OR HAND HOLE.
6. PVC DUCT SHALL STOP 5 FEET FROM CONCRETE MANHOLE AND TRANSITION TO RIGID GALVANIZED STEEL CONDUIT TO PENETRATE MANHOLE. ALTERNATIVELY, IF PVC CONDUIT PROCEEDS TO MANHOLE, CONCRETE DUCT SHALL BE PINNED WITH REBAR TO MANHOLE FACE TO PREVENT SHEARING OR SEPARATION OF DUCT FROM MANHOLE.
7. CONCRETE DUCT ENCASED CONDUIT SHALL BE PINNED TO FOUNDATION WALL TO PREVENT SHEARING.
8. WHERE SMALLER HAND HOLES ARE USED, CONCRETE AND PINNING ARE NOT REQUIRED.
9. FLEXIBLE NONMETALLIC INNERDUCT AND FITTINGS SHALL BE USED:
 - A. TO SEGMENT CONDUITS
 - B. AS PROTECTION TO FIBER OPTIC CABLES WHEN INSTALLED IN CABLE TRAY OR BUILDING STRUCTURE.
 - C. S PROTECTION TO FIBER OPTIC CABLES WITHIN MDF AND TRS
10. INNERDUCT SHALL EXTEND TO EQUIPMENT RACKS AT SYSTEM ENDPOINTS.
11. WHERE NOT INSTALLED IN CONTINUOUS LENGTH, SPLICE INNERDUCT SEGMENTS USING COUPLINGS DESIGNED FOR THAT PURPOSE.
12. EMPTY INNERDUCT SHALL BE EQUIPPED WITH PULL CORD AND CAPPED AT BOTH ENDS. PULL CORD TO EXTEND BEYOND CAP FOR ACCESSIBILITY. PULL CORD TO BE LABELED AT EACH END.

EXTERIOR LIGHTING NOTE:
ALL EXTERIOR LIGHTING SHALL BE CONTROLLED VIA PHOTOCELL AND TIME OF DAY THROUGH A LIGHT LIGHTING CONTROL SYSTEM. E.C. SHALL PROVIDE ALL COMPONENTS REQUIRED FOR INTERCONNECTION OF FIXTURE TO LIGHTING CONTROL SYSTEM. REFER TO LIGHTING CONTROL DIAGRAM 'A' ON SHEET E-002.

NOTE:
REFER TO ADDITIONAL NOTES AND DETAILS ON SHEET E-002.

hd+s HITI
DIFRANCESCO
+ SIEBOLD

ARCHITECTURE + INTERIOR DESIGN + PLANNING
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Cleveland, Ohio 44113
P 216.696.3460 F 216.696.1152
www.hdsdarch.com

MARK	DATE	PURPOSE
	10.24.23	80% SET

THE LAFAYETTE
881 LAFAYETTE ROAD
MEDINA, OHIO 44256

PROGRESS NOT FOR CONSTRUCTION
10/27/2023

PROJECT NO.: MILLWORK
TITLE:
ELECTRICAL SITE PLAN

DRAWING NUMBER:
E-001



DESCRIPTION

LED technology combined with the Icon luminaires unique form creates the choice solution for modern site lighting applications. The Icon luminaires gentle curves and sleek profile create a shape that is beyond common. Two unique arm choices combined with structural element options provide no limitations in bridging to the architectural application.

Catalog #		Type	
Project			
Comments		Date	
Prepared by			

SPECIFICATION FEATURES

Construction

HOUSING: Heavy-wall, one-piece, die-cast aluminum housing has precise tolerance control and repeatability in manufacturing. Integral aluminum heat sink provides superior heat transfer in +40°C ambient environment. **DOOR:** One-piece, die-cast aluminum construction with tool-less release latch. Door swings down and is retained on heavy duty leaf/pin hinge. **GASKET:** Continuous gasket provided to seal housing to door. **HARDWARE:** Tool-less release button latches are stainless steel/aluminum construction, painted to match housing and allow access to internal housing and electrical components.

Optics

Choice of twelve patented, high-efficiency AccuLED Optics™ distributions. Optics are precisely designed to shape the light output, maximizing efficiency and application spacing. AccuLED Optics technology creates consistent distributions with the scalability to meet customized application requirements. Offered Standard in 4000K (+/- 275K) CCT and minimum 70 CRI. Optional 3000K CCT, 70 or 80 CRI. For the ultimate level of spill light control, an optional house-side shield accessory can be field or factory installed. The house-side shield is designed to seamlessly integrate with the SL2, SL3 or SL4 optics.

Electrical

LED drivers mount to die-cast aluminum back housing for optimal heat sinking, operation efficacy, and prolonged life. Standard drivers feature electronic universal voltage (120-277V 50/60Hz), 347V 60Hz or 480V 60Hz

operation. 480V is compatible for use with 480V Wye systems only. Greater than 0.9 power factor, less than 20% harmonic distortion, and is suitable for operation in -40°C to 40°C ambient environments. All fixtures are shipped standard with 10kV/10kA common – and differential – mode surge protection. LightBARs feature an IP66 enclosure rating and maintain greater than 95% lumen maintenance at 60,000 hours per IESNA TM-21. Occupancy sensor and dimming options available.

Mounting

UPSWEEP ARM: Manufactured of heavy-wall cast aluminum. Internal bolt guides provided for positioning arm to housing and pole. **LINEAR ARM:** Manufactured of heavy-wall extruded aluminum. Arm features internal bolt guides for positioning arm to housing and pole. **STRUCTURAL MOUNT:** Die-cast aluminum cleat, factory mounted and finished in luminaire color. Stainless steel structural rod measures 1/2" in diameter and is provided in luminaire finish or optional natural finish. Product functions in conjunction with linear arm. Invue poles provided pre-drilled for suspension mount applications. See Invue pole brochure for complete selection of matching poles. **STRUCTURAL WALL MOUNT:** Die-cast aluminum cleat, factory mounted to luminaire and finished in luminaire color. Stainless steel structural rod measures 1/2" in diameter and is provided in luminaire finish or optional natural finish. Wall bracket works in conjunction with linear arm. Mounting arms ordered separately.

Slide Arm

An elegant cantilever arm assembly articulates the Icon housing in suspended balance. The extended aluminum arm and rear suspension detail in conjunction with the flowing lines from pole to luminaire provide a dramatic form where excitement in architectural design is desired. Arm weldment assembly manufactured of 6061, 6063 cast aluminum subcomponents. The medium Icon arm (SDM) assembly mounts to a 5" O.D. round straight pole equipped with a 4" O.D. by 10" tall tenon. The Small Icon Arm (SDS) Fits 4" O.D. tenon or slipfits over 4" round straight pole. Arm secures to pole with provided stainless steel hex head fasteners and includes a removable side cap for wire access and inspection.

Finish

Housing is finished in five-stage super TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. LightBAR cover plates are standard white and may be specified to match finish of luminaire housing. Standard colors include black, bronze, grey, white, dark platinum and graphite metallic. RAL and custom color matches available. Consult Outdoor Architectural Colors brochure for a complete selection. Options to meet Buy American Act requirements

Warranty

Five-year warranty.



ICS/ICM ICON LED

ICM 1 - 6 LightBARs
ICS 1 - 4 LightBARs
Solid State LED

**ARCHITECTURAL
AREA/SITE LUMINAIRE**



CERTIFICATION DATA

UL/cUL Listed
IP66 LightBARs
LM79 / LM80 Compliant
3G Vibration Tested
ISO 9001

ENERGY DATA

Electronic LED Driver
>0.9 Power Factor
<20% Total Harmonic Distortion
120-277V/50 & 60Hz, 347V/60Hz,
480V/60Hz
-40°C Minimum Temperature
40°C Ambient Temperature Rating

EPA

Effective Projected Area: (Sq. Ft.)
ICS Icon Small:
Single: 0.69
Single Structural: 0.71

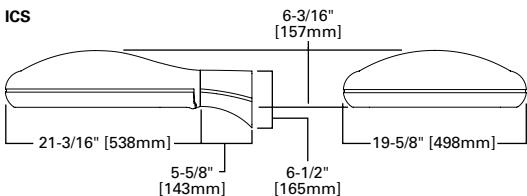
ICM Icon Medium:
Single: 1.09
Single Structural: 1.11

SHIPPING DATA

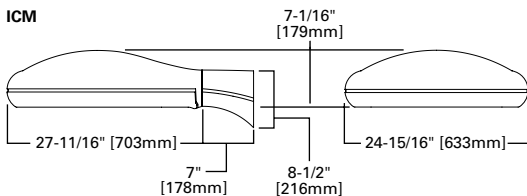
Approximate Net Weight:
ICS Icon Small: 37 lbs. (16.82 kgs.)
ICM Icon Medium: 50 lbs. (22.73 kgs.)

DIMENSIONS

ICS



ICM



DESCRIPTION

The Invue Arbor post top brings architectural style to area/site and pedestrian scale applications. Its dayform appearance brings a desired organic look into the urban environment. WaveStream LED Optics provide a uniform pixelation free image, managing glare while providing high levels of visibility.

Catalog #		Type	
Project			
Comments		Date	
Prepared by			

SPECIFICATION FEATURES

Construction

Two-piece IP66 rated housing is cast from low copper content corrosion resistant aluminum, maintaining strength and precision to sustain long term dayform appearance. ANSI C136.31 testing compliance prevents damage from installation generated vibration. External hardware and casting seams are minimized to enhance appearance.

Optics

Specifically designed for pedestrian applications, WaveStream LED optical waveguide technology produces both symmetric NEMA type V and asymmetric NEMA II, III, IV distributions. The waveguide is manufactured from precision injection molded acrylic resulting in a pixelation free optical image for improved glare control and visual comfort. Luminaire efficacy's measure up to 100 lm/w for 4000K (+/- 275K) CCT at 70 CRI (min), optional 3000K CCT at 80 CRI is also available.

Electrical

LED driver(s) are directly mounted to upper housing thermal pad for optimal thermal performance.

Standard 0-10V dimming drivers and Cooper Lighting Solutions' proprietary surge protection module are designed to withstand 10kV of transient line surge. Drivers operate at 120-277V 50/60Hz with 347V/60Hz or 480V/60Hz operation optional. Suitable for ambient temperature applications as low as -40°C (40°F) to 40°C (104°F). Limited high ambient options allow for 50°C operation.

Controls

The Arbor LED luminaire control options are designed to be simple and cost-effective ASHRAE and California Title 24 compliant solutions. The ANSI C136.41 compliant NEMA 7-PIN receptacle enables wireless dimming when used with compatible photocontrol. See control options page for more details.

Mounting

Fitter assembly mounts over 2-3/8" O.D. tenon and is secured via six concealed stainless steel set screws. Design of fitter provides seamless transition to 3" O.D. round pole top. Additional mounting accessories include a single fixture arm mount, twin

fixture arm mount and wall mount arm. Additional pole mount accessories mount to a 3" x 4" long tenon for 4" - 5" O.D. poles tops. For existing 2-3/8" tenons an adapter is shipped standard.

Finish

Cooper Lighting Solutions ("CLS") utilizes premium ultra-weatherable TGIC based polyester powder coatings that are specifically formulated to withstand extended outdoor exposure. The powders are formulated exclusively for CLS to serve functionally as well as decorative. Good film appearance combined with excellent mechanical an exterior exposure qualities display greater than twice as much gloss retention. RAL and custom color matches available. Finish is compliant with ASTM B117 3000hr salt spray standard. Options to meet Buy American Act requirements.

Warranty

Five-year warranty.

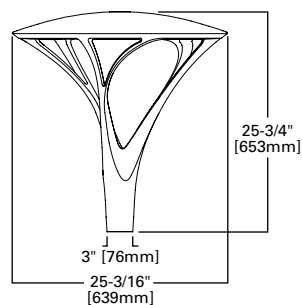


ARB ARBOR POST TOP

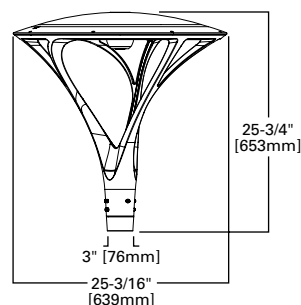
DECORATIVE LUMINAIRE

DIMENSIONS

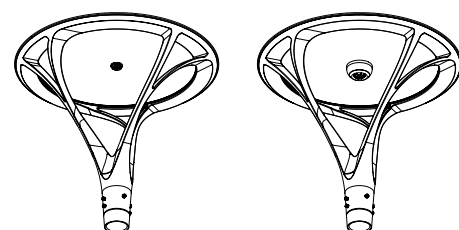
Pole Mount



Pole Mount with WaveLinX



Pole Mount with WaveLinX



CERTIFICATION DATA

UL/cUL Listed
IEC 60529 IP66 Housing
ASTM B117 SaH Spray Tested
ASTM A3560 Low Cooper Alloy
ISO 9001
Dark Sky Approved (3000K CCT and warmer only)
ANSI C136.31 3G Vibration Tested (Post Top)
ANSI C136.31 1.5G Vibration Tested (Twin Mount / Accessory Arm Mount)

ENERGY DATA

Electronic LED Driver
>0.9 Power Factor
<20% Total Harmonic Distortion
120-277V 50/60Hz, 347V/60Hz,
480V/60Hz
40°C Ambient Temperature Rating
As low as -40°C (-40°F) minimum temperature
*See MINIMUM TEMPERATURE table

EPA

Effective Projected Area: (Sq. Ft.) 0.9

Approximate Net Weight:
37 lbs. [16.8 kgs.]

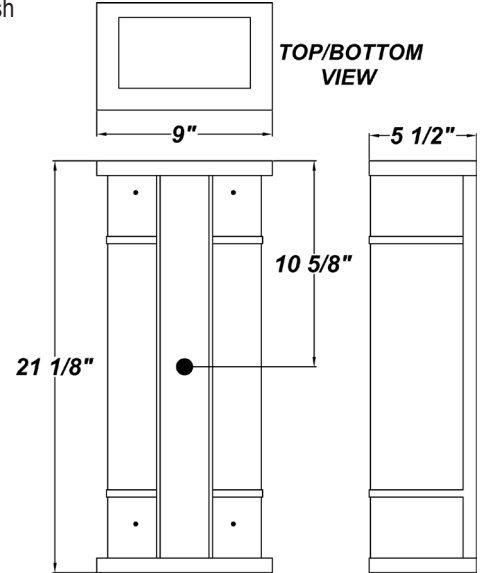
ALLEGRO W LED



PROJECT :
TYPE :
ORDERING # :
COMMENTS :

FEATURES

- Aluminum Housing w/ Textured Black Polyester Powder Coat Finish
- Aluminum End Caps & Trim Bars w/ Textured Black Polyester Powder Coat Finish
- Aluminum Mount Pan w/ Hi-Reflectance White Powder Coat Finish
- Luminous White Acrylic Wrap-Around Diffuser
- Luminous White Acrylic Top and Bottom Lens Panels
- Mounts Over 4" Junction Box w/ Easy-hang Wall Mounting Plate (Included)
- Lamps Included
- CSA Approved For Wet Location For Vertical Mounting
- Awaiting IES Files, DLC, Lighting Facts, And Title 24 Labeling / Certification



ORDERING INFORMATION

Example : (ALLW - L38 - 120 - 277V - ZE1400 - WAL - TB - 35K)

Textured Black is Standard Finish

PRODUCT	SOURCE/WATTAGE	VOLTAGE	DRIVER OPTIONS	DIFFUSER	FINISH	OPTIONS
Allegro W (ALLW)	L38 - (4) 8.1W (18) LED Modules & (4) 4.1W (9) LED Modules	120 - 277V (50 / 60Hz)	TE1400 - 60W @ 1400mA ELV Constant Current Dimming Electronic Driver (For L38)	WAL - White Acrylic Lens	SM - Matte Silver TB - Textured Black AC - Antique Copper AS - Antique Silver BT - Bronze Mist CP - Copper SN - Sand SW - Swedish Steel BZ - Textured Bronze TW - Textured White	30K - 3000K Color Temperature 35K - 3500K Color Temperature 40K - 4000K Color Temperature F - Fused
	L31 - (3) 8.1W (18) LED Modules & (3) 4.1W (9) LED Modules		ZE1400 - 50W @ 1400mA Constant Current Dimming Electronic Driver (Dimmable 0-10V) (For L38)			
	L24 - (2) 8.1W (18) LED Modules & (2) 4.1W (9) LED Modules		ZE1150 - 44W @ 1150mA Constant Current Dimming Electronic Driver (Dimmable 0-10V) (For L31)			
	L19 - (2) 8.1W (18) LED Modules & (2) 4.1W (9) LED Modules		ZE875 - 33W @ 875mA Constant Current Dimming Electronic Driver (Dimmable 0-10V) (For L24)			
	L70 life time for 50,000hr		ZE700 - 30W @ 700mA Constant Current Dimming Electronic Driver (Dimmable 0-10V) (For L19)		RAL Colors or Custom Match - Consult Factory	

REPLACEMENT PARTS PART NO.

White Acrylic Lens Assembly 9801460

NOTES

We reserve the right to revise the design or components of any product due to parts availability or change in UL standards, without assuming any obligation or liability to modify any products previously manufactured, and without notice.

ARRA 2009



BUY AMERICA ACT C US

FEATURES & SPECIFICATIONS

INTENDED USE — Typical applications include corridors, lobbies, conference rooms and private offices.
CONSTRUCTION — Galvanized steel mounting/plaster frame; galvanized steel junction box with bottom-hinged access covers and spring latches. Reflectors are retained by torsion springs.
 Vertically adjustable mounting brackets with commercial bar hangers provide 3-3/4" total adjustment.
 Two combination 1/2"-3/4" and four 1/2" knockouts for straight-through conduit runs. Capacity: 8 (4 in, 4 out). No. 12 AWG conductors, rated for 90°C.
 Accommodates 12"-24" joist spacing.
 Passive cooling thermal management for 25°C standard; high ambient (40°C) option available. Light engine and drivers are accessible from above or below ceiling.
 Max ceiling thickness 1-1/2".

OPTICS — LEDs are binned to a 3-step MacAdam Ellipse; 80 CRI minimum. 90 CRI optional.
 LED light source concealed with diffusing optical lens.
 General illumination lighting with 1.0 S/MH and 55° cutoff to source and source image.
 Self-flanged anodized reflectors in specular, semi-specular, or matte diffuse finishes. Also available in white and black painted reflectors.

A+ CAPABLE LUMINAIRE — This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning when used with Acuity Brands controls products. All configurations of this luminaire are calibrated and tested to meet the Acuity Brands' specifications for chromatic consistency – including color rendering, color fidelity and color temperature tolerance around standard CIE chromaticity coordinates. To learn more about A+ standards, specifications, and testing visit www.acuitybrands.com/aplus.

UGR — UGR is zero for fixtures aimed at nadir with a cut-off equal to or less than 60deg per CIE 117-1996 Discomfort Galre in Interior Lighting. [UGR FAQs](#)

ELECTRICAL — Multi-volt (120-277V, 50/60Hz) 0-10V dimming drivers mounted to junction box, 10% or 1% minimum dimming level available.

0-10V dimming fixture requires two (2) additional low-voltage wires to be pulled.

LUMEN MAINTENANCE — 70% lumen maintenance at 60,000 hours.

LISTINGS — Certified to US and Canadian safety standards. Wet location standard (covered ceiling). IP55 rated. ENERGY STAR® certified product. Drivers are ROHS compliant

GOVERNMENT PROCUREMENT — BAA – Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA – Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

PERFORMANCE DATA

LDN4			
Nominal	Lumens	Wattage	Lm/W
500	523.6	5.74	91.2
750	751.1	8.6	87.3
1000	1045	10.58	98.8
1500	1512	17.5	86.4
2000	2006	22.12	90.7
2500	2551	26.1	97.7
3000	3007	32.1	93.7
4000	4212	43	98.0

Notes

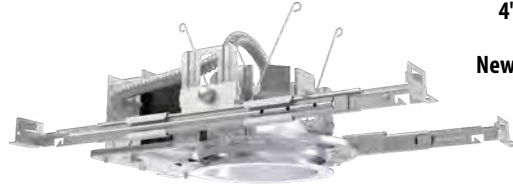
Tested in accordance with IESNA LM-79-08
 Tested to current IES and NEMA standards under stabilized laboratory conditions
 Based on LDN4 AR LSS 35K 80CRI



Catalog Number
Notes
Type

LDN4 STATIC WHITE

4" Open and Wallwash LED Non-IC New Construction Downlight

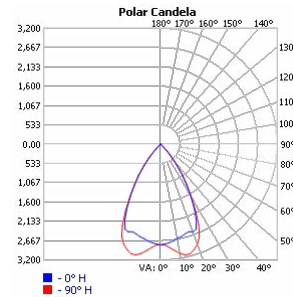


Open Trim

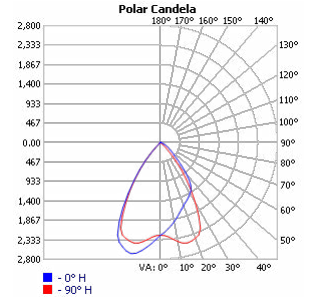


Wallwash Trim

DISTRIBUTIONS



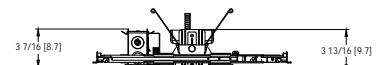
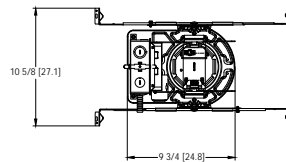
Open



Wallwash

DIMENSIONS

LDN4 500-2000 Lumens



Aperture: Ø 4-5/16" [11]
 Ceiling Cutout: Ø 5-1/8" [13] Self-flanged
 Overlap Trim: Ø 5-7/16" [13.8]
 Ceiling Cutout: Ø 5-1/4" [13.3] Flangeless

See page 4 for other fixture dimensions