URBAN DESIGN COMMISSION APPLICATION

UDC

City of Madison
Planning Division
Madison Municipal Building, Suite 017
215 Martin Luther King, Jr. Blvd.
P.O. Box 2985
Madison, WI 53701-2985
(608) 266-4635

FOR OFFICE USE ONLY:

Paid _____ Receipt # _____

Date received _____

Received by _____

Aldermanic District _____

Zoning District _____

Urban Design District _____

Submittal reviewed by _____

Legistar # _____

Complete all sections of this application, including the desired meeting date and the action requested.

If you need an interpreter, translator, materials in alternate formats or other accommodations to access these forms, please call the phone number above immediately.

1. Project Information

Address: 3206 E Washington Ave

Title: Melvin Ct Car Wash

2. Application Type (check all that apply) and Requested Date

UDC meeting date requested _____

☑ New development ☐ Alteration to an existing or previously-approved development

☐ Informational ☐ Initial approval ☑ Final approval

3. Project Type

☑ Project in an Urban Design District

☐ Project in the Downtown Core District (DC), Urban Mixed-Use District (UMX), or Mixed-Use Center District (MXC)

☐ Project in the Suburban Employment Center District (SEC), Campus Institutional District (CI), or Employment Campus District (EC)

☐ Planned Development (PD)

- ☐ General Development Plan (GDP)
- ☐ Specific Implementation Plan (SIP)

☐ Planned Multi-Use Site or Residential Building Complex

Signage

☐ Comprehensive Design Review (CDR)

☐ Signage Variance (i.e. modification of signage height, area, and setback)

☐ Signage Exception

Other

☐ Please specify

_____

4. Applicant, Agent, and Property Owner Information

Applicant name Jeffrey Natrop Company Renner Architects

Street address 643 E Erie St City/State/Zip Milw., WI 53202

Telephone _____ Email jnatrop@rennerarchitects.com

Project contact person Jeffrey Natrop Company _____

Street address Same as above City/State/Zip _____

Telephone _____ Email _____

Property owner (if not applicant) Lakhbir Singh

Street address 1354 N Bird St City/State/Zip Sun Prairie, WI 53590

Telephone 262 237 0958 Email Libertygasstop@gmail.com

5. Required Submittal Materials

- ☐ **Application Form**
- ☐ **Letter of Intent**
  - If the project is within an Urban Design District, a summary of how the development proposal addresses the district criteria is required
  - For signage applications, a summary of how the proposed signage is consistent with the applicable CDR or Signage Variance review criteria is required.
- ☐ **Development Plans** (Refer to checklist on Page 4 for plan details)
- ☐ **Filing fee**
- ☐ **Electronic Submittal***
- ☐ **Notification to the District Alder**
  - Please provide an email to the District Alder notifying them that you are filing this UDC application. Please send this as early in the process as possible and provide a copy of that email with the submitted application.

Each submittal must include fourteen (14) 11" x 17" **collated** paper copies. Landscape and Lighting plans (if required) must be **full-sized and legible**. Please refrain from using plastic covers or spiral binding.

Both the paper copies and electronic copies must be submitted prior to the application deadline before an application will be scheduled for a UDC meeting. Late materials will not be accepted. A completed application form is required for each UDC appearance.

For projects also requiring Plan Commission approval, applicants must also have submitted an accepted application for Plan Commission consideration prior to obtaining any formal action (initial or final approval) from the UDC. All plans must be legible when reduced.

**Electronic copies of all items submitted in hard copy are required. Individual PDF files of each item submitted should be compiled on a CD or flash drive, or submitted via email to udcapplications@cityofmadison.com. The email must include the project address, project name, and applicant name. Electronic submittals via file hosting services (such as Dropbox.com) are not allowed. Applicants who are unable to provide the materials electronically should contact the Planning Division at (608) 266-4635 for assistance.*

6. Applicant Declarations

1. Prior to submitting this application, the applicant is required to discuss the proposed project with Urban Design Commission staff. This application was discussed with Jessica Vaughn on 8/2/22.

2. The applicant attests that all required materials are included in this submittal and understands that if any required information is not provided by the application deadline, the application will not be placed on an Urban Design Commission agenda for consideration.

Name of applicant Jeffrey Natrop Relationship to property Architect

Authorizing signature of property owner [signature] Date 8/8/22

7. Application Filing Fees

Fees are required to be paid with the first application for either initial or final approval of a project, unless the project is part of the combined application process involving the Urban Design Commission in conjunction with Plan Commission and/or Common Council consideration. Make checks payable to City Treasurer. Credit cards may be used for application fees of less than $1,000.

Please consult the schedule below for the appropriate fee for your request:

- ☑ Urban Design Districts: $350 *(per §35.24(6) MGO).*
- ☐ Minor Alteration in the Downtown Core District (DC) or Urban Mixed-Use District (UMX) : $150 *(per §33.24(6)(b) MGO)*
- ☐ Comprehensive Design Review: $500 *(per §31.041(3)(d)(1)(a) MGO)*
- ☐ Minor Alteration to a Comprehensive Sign Plan: $100 *(per §31.041(3)(d)(1)(c) MGO)*
- ☐ All other sign requests to the Urban Design Commission, including, but not limited to: appeals from the decisions of the Zoning Administrator, requests for signage variances (i.e. modifications of signage height, area, and setback), and additional sign code approvals: $300 *(per §31.041(3)(d)(2) MGO)*

A filing fee is not required for the following project applications if part of the combined application process involving both Urban Design Commission and Plan Commission:

- Project in the Downtown Core District (DC), Urban Mixed-Use District (UMX), or Mixed-Use Center District (MXC)
- Project in the Suburban Employment Center District (SEC), Campus Institutional District (CI), or Employment Campus District (EC)
- Planned Development (PD): General Development Plan (GDP) and/or Specific Implementation Plan (SIP)
- Planned Multi-Use Site or Residential Building Complex

City of Madison
Letter of Intent to Construct a Car Wash
3206 E. Washington Avenue

Revised September 29, 2022
Revised August 22, 2022
August 8, 2022

We are applying for a conditional use permit to demolish an existing self-service car wash and construct a new state-of-the-art tunnel car wash with 10 outdoor vacuum stations. The vacuum producers will be located inside the building and the piping will run underground to each vacuum minimizing the sound. There will be 3 payment lanes, 1 for members who can drive directly through the lane and into the car wash, the other 2 lanes will be for paying customers.

Following is our description of how we comply with the basis for design review.

1. Public Right-of-Way
We have consulted with the Planning Department and the Urban Design Commission regarding the landscaping along the right-of-way and it has been confirmed that we comply with the City's requirements.

2. Off-Street Parking and Loading Areas
We have consulted with the Planning Department and the Urban Design Commission regarding the off-street parking and loading areas and it has been confirmed that we comply with the City's requirements.

Regarding the guideline to locate parking on the side or rear of the building, it is not feasible for this project due to the depth of the site. If the building was moved to the property line the vacuums would need to be in the back of the building and they would be too close to the residential district, so we have located the vacuums in the parking along the right-of-way and we have generously landscaped the area between the street and the site to screen these elements.

3. Signs
There is one building sign and one identification sign on a post. The building sign is integrated into the building design. The identification sign complies with the area requirements and contains a message board that will only change one time per hour.

4. Building Design
The exterior materials are masonry, aluminum storefront and metal panel which are all low maintenance materials. The mechanical condensers are screened on top of the roofs with a parapet. The building has three major elements which are the towers on each end and the storefront in the center. This serves to break up the long elevation. Based upon the recommendation of the UDC we have reduced the height of the eastern tower and have removed the seashell from the western elevation. In addition, we have removed the little canopies from the vacuum arches.

5. Lighting

Our lighting plan has been reviewed by the Urban Design Commission and it is agreed that we comply with the lighting requirements.

6. Landscaping

We have prepared an extensive landscaping design that we believe complies with all the City's landscaping requirements. Based upon the recommendation of the UDC we have removed the pear tree and we have specified the tallest arborvitae species that will grow in the 8' wide planting strip on the north side of the building. We will be using bark mulch throughout which will be in all the planting beds. The only grass area will be the island near the sign at the southeast corner of the lot. The electrical service will be fed from a ground mounted transformer underground to the meters on the back of the building.

7. Noise

As requested by the UDC we are providing the following information regarding the noise levels. The vacuum producers will be located inside of the building and will have a muffler. They will not generate any noise levels outside the building. The dryers which are also located inside the building, but since the exit door to the tunnel will be open, if we used the normal dryers, they would generate about 80 Dba outside the building. To reduce this level, we propose using the attached Stealth Predator Drying System. We are also submitting a video of a car wash in Middleton that uses the same system. This should reduce the noise level to 65 Dba 50' from the building.

Aerial view of the Melvin Court Car Wash neighborhood.

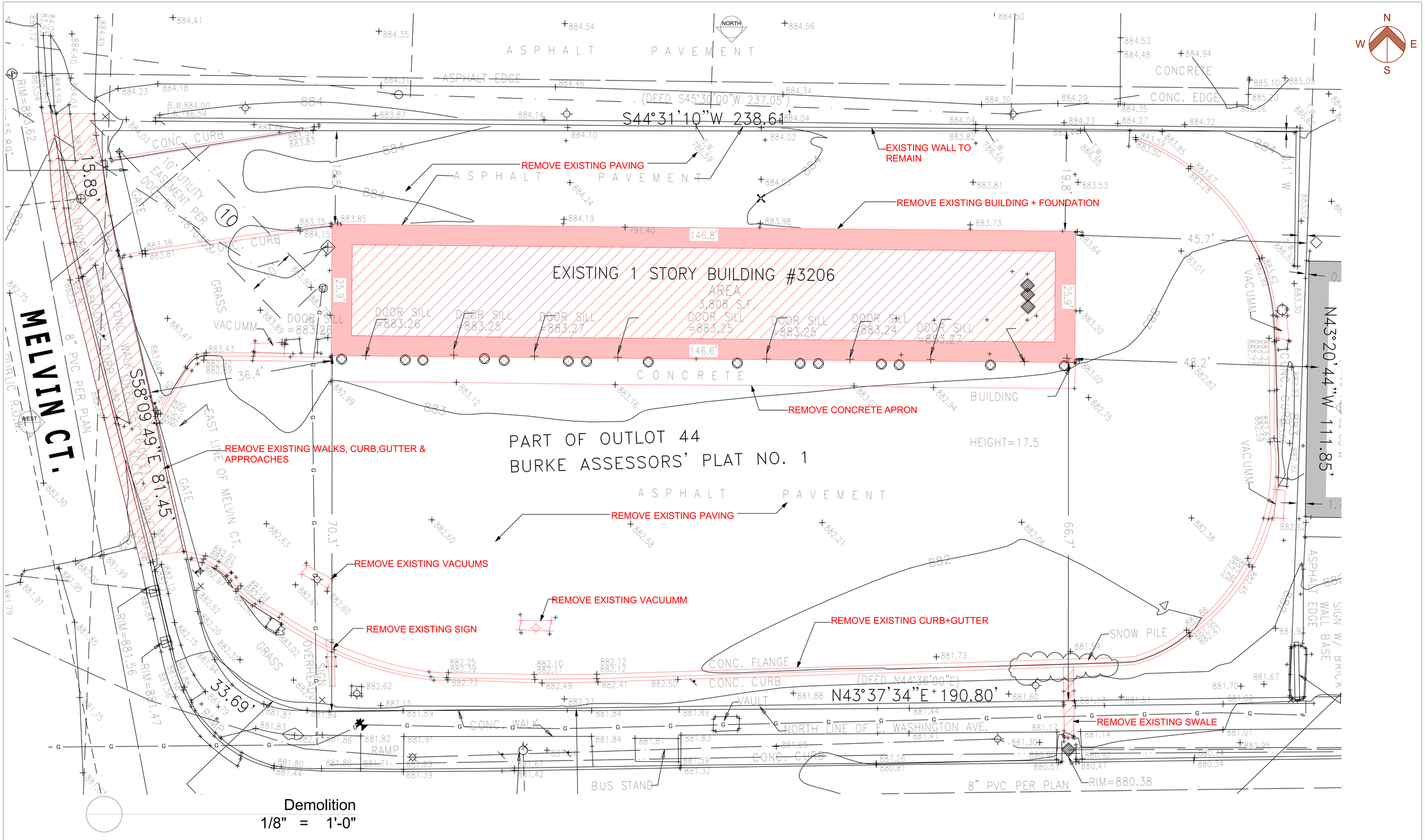
Melvin Court Car Wash looking east up Washington Avenue.

Melvin Court Car Wash looking west down Washington Avenue.

Melvin Court Car Wash looking north at the building to the east.

Melvin Court Car Wash looking north up Melvin Court.

Melvin Court Car Wash looking south across Washington Avenue.



Demolition
1/8" = 1'-0"

R E N N E R
a r c h i t e c t s

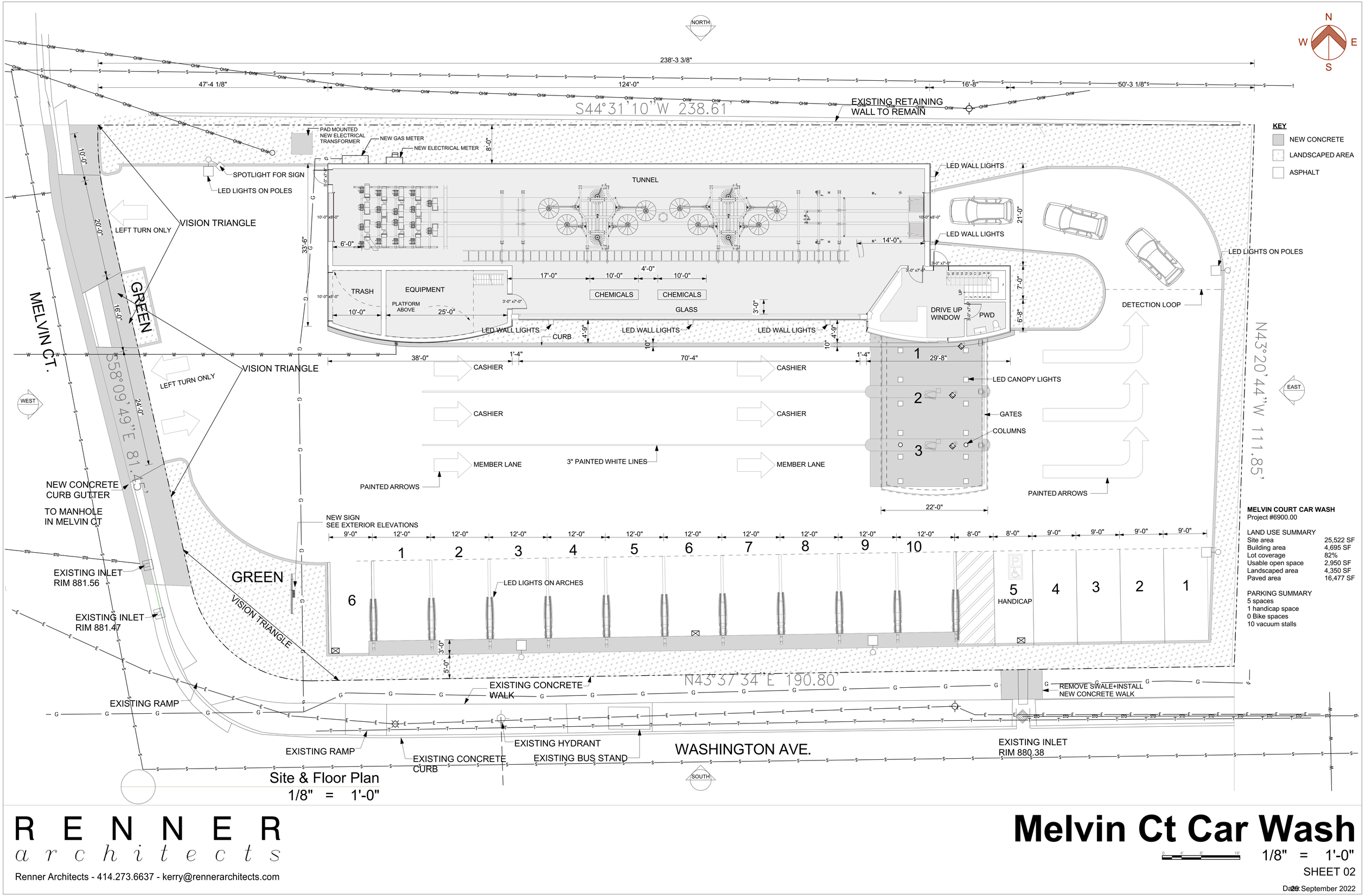
Renner Architects - 414.273.6637 - kerry@rennerarchitects.com

Melvin Ct Car Wash

1/8" = 1'-0"

SHEET 01

Date: September 2022



Site & Floor Plan
1/8" = 1'-0"

MELVIN COURT CAR WASH
Project #6900.00

LAND USE SUMMARY

Site area	25,522 SF
Building area	4,695 SF
Lot coverage	82%
Usable open space	2,950 SF
Landscaped area	4,350 SF
Paved area	16,477 SF

PARKING SUMMARY
5 spaces
1 handicap space
0 Bike spaces
10 vacuum stalls

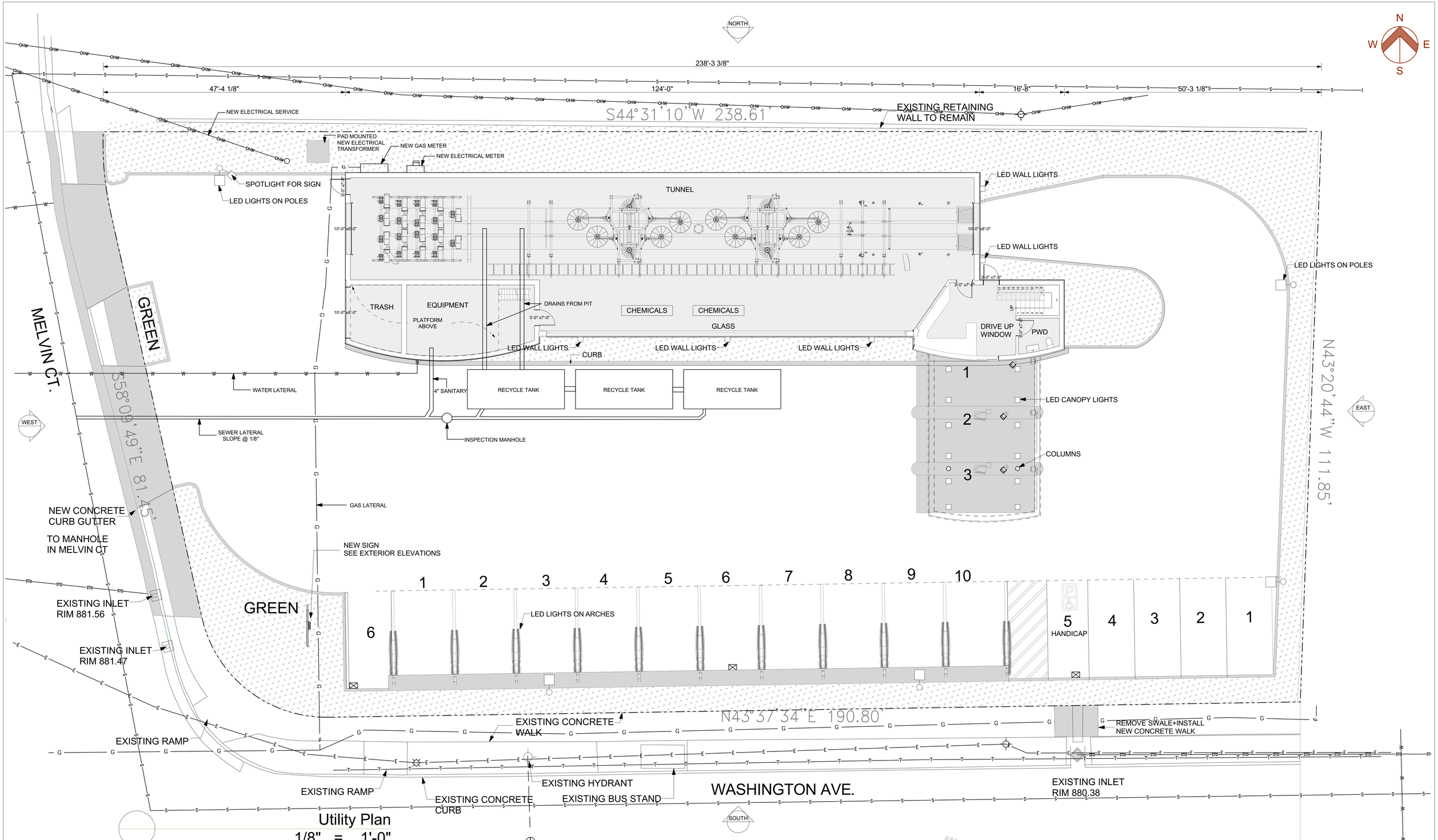
R E N N E R
a r c h i t e c t s
Renner Architects - 414.273.6637 - kerry@rennerarchitects.com

Melvin Ct Car Wash

1/8" = 1'-0"

SHEET 02

Date: 26 September 2022



Utility Plan
1/8" = 1'-0"

R E N N E R
a r c h i t e c t s
Renner Architects - 414.273.6637 - kerry@rennerarchitects.com

Melvin Ct Car Wash

1/8" = 1'-0"

SHEET 03

Date: September 2022

NORTH

238'-3 3/8"

47'-4 1/8" | 124'-0" | 16'-8" | 50'-3 1/8"

EXISTING RETAINING WALL TO REMAIN

PAD MOUNTED NEW ELECTRICAL TRANSFORMER

NEW GAS METER

NEW ELECTRICAL METER

883.55

NEW CONCRETE APPROACH

883.8

884

TUNNEL

884.5 TC

884.2 TC

883.7

10'-0" x8'-0"

10'-0" x8'-0"

883.21

GREEN

NEW SIDE WALK

MELVIN CT.

MATCH EXISTING GRADE

882.80

TRASH

EQUIPMENT

PLATFORM ABOVE

3'-0" x7'-0"

CHEMICALS

CHEMICALS

GLASS

3'-0" x7'-0"

3'-0" x7'-0"

DRIVE UP WINDOW

PWD

883.7

883.5

883.5 TC

883.0

883.8

883.40

883.90 TC

CURB

883.90 TC

883.40

884.0 TC

883.5

882.7

883.2 TC

1

2

3

883.40

883.60 TC

883.30

883.25

883.25

CANOPY DRAINS

883.0

883.20

883.60 TC

883.0

883.10

6" Sch. 40PVC @ 1/8" ROOF 85GPM

4" 12 GPM

4" 12 GPM

6"

EAST

WEST

NEW CONCRETE APPROACH

882.60

NEW CONCRETE CURB GUTTER

TO MANHOLE IN MELVIN CT

8" PVC @ 1/8" 366 GPM

194 GPM

6" Sch. PVC @ 1/8" 85GPM ROOF DRAINS

6" Sch. PVC @ 1/8"

883.20

CANOPY+ROOF 109 GPM

6" Sch. PVC @ 1/8"

882.4

884.9 TC

1 2 3 4 5 6 7 8 9 10

881.9

882.4 TC

GREEN

8" PVC e 1/8" 172 GPM

6

NEW INLET

RIM 881.60

881.10 TC

882.3

882.80 TC

881.70 TC

NEW INLET

RIM 881.60

8" Sch. 40 PVC @ 1/8" 172 GPM

882.1 TC

882.0 TC

882.3

882.8 TC

882.7 TC

882.3 TC

881.8

882.2 TC

5

HANDICAP

4 3 2 1

NEW INLET

RIM 881.50

882.0 TC

881.1

882.6 TC

EXISTING INLET RIM 881.56

EXISTING INLET RIM 881.47

881.99 Ex

881.81 Ex

881.84 Ex

881.89 Ex

EXISTING CONCRETE WALK

881.84 Ex

881.89 Ex

881.94 Ex

881.6 Ex

881.7 Ex

8" Sch. 40 PVC @ 1/8" 367 GPM

REMOVE SWALE+INSTALL NEW CONCRETE WALK

EXISTING RAMP

EXISTING RAMP

EXISTING CONCRETE CURB

EXISTING HYDRANT

EXISTING BUS STAND

WASHINGTON AVE.

EXISTING INLET RIM 880.38

SOUTH

KEY

+881.1 NEW SPOT ELEVATION

+881.1 TC NEW TOP OF CURB ELEVATION

+881.1 EX EXISTING SPOT ELEVATION

NEW CONCRETE

Grading & Storm Drainage

1/8" = 1'-0"

R E N N E R
a r c h i t e c t s

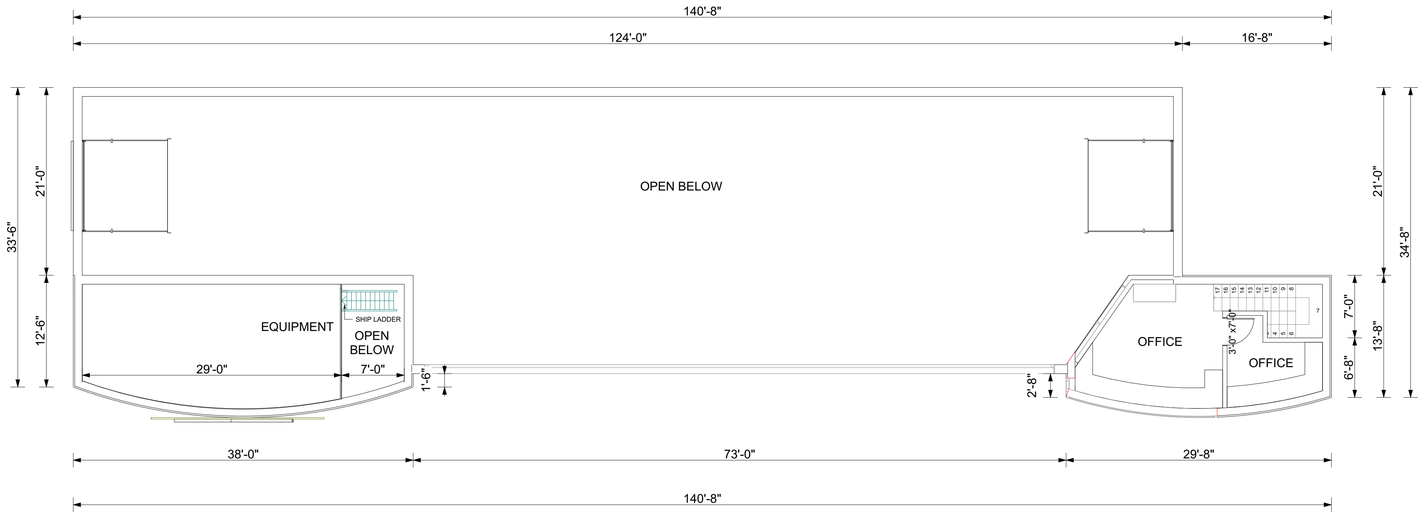
Renner Architects - 414.273.6637 - kerry@rennerarchitects.com

Melvin Ct Car Wash

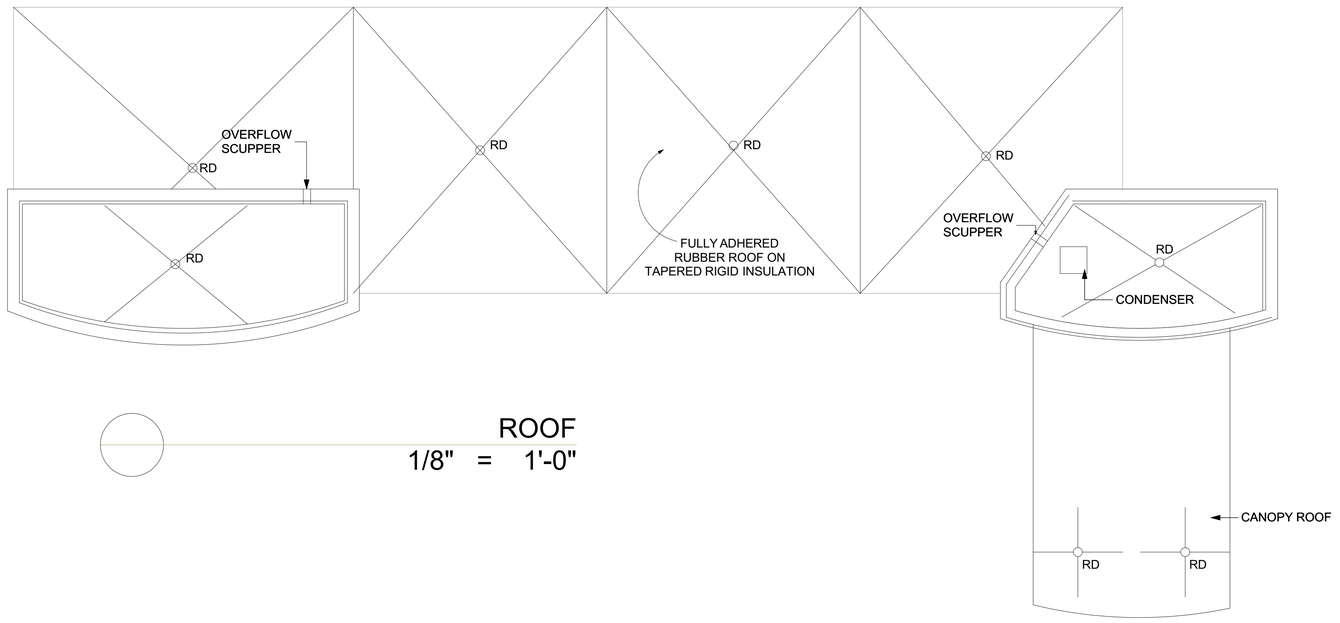
1/8" = 1'-0"

SHEET 04

Date: 26 September 2022



2nd Floor
1/8" = 1'-0"



ROOF
1/8" = 1'-0"

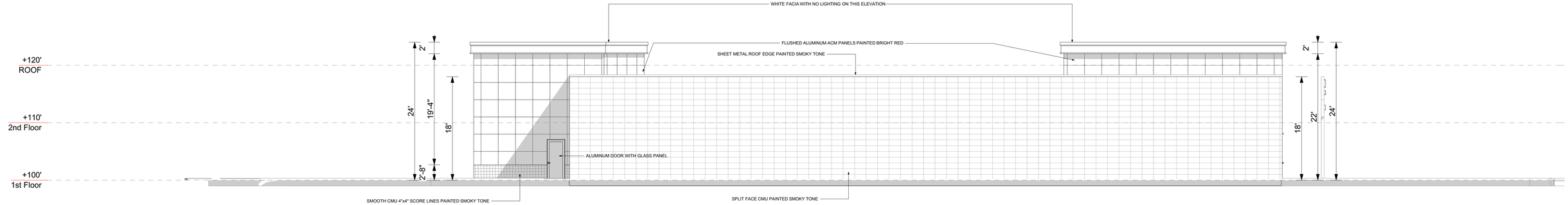
R E N N E R
a r c h i t e c t s
Renner Architects - 414.273.6637 - kerry@rennerarchitects.com

Melvin Ct Car Wash

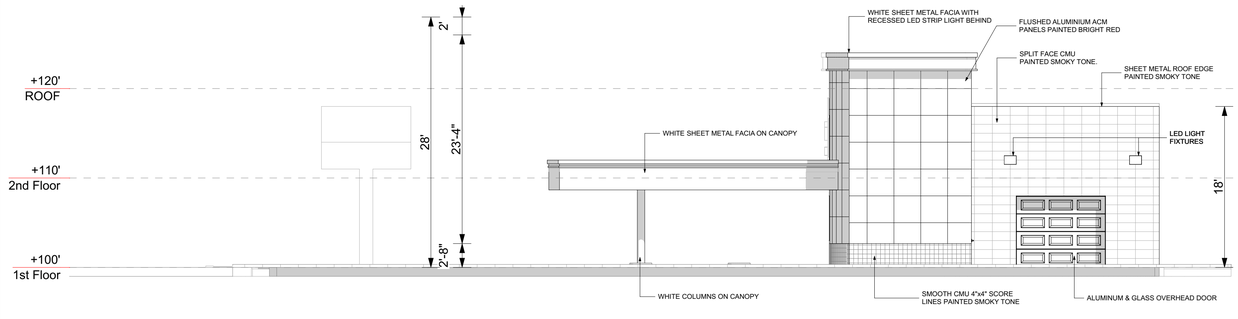
1/8" = 1'-0"

SHEET 05

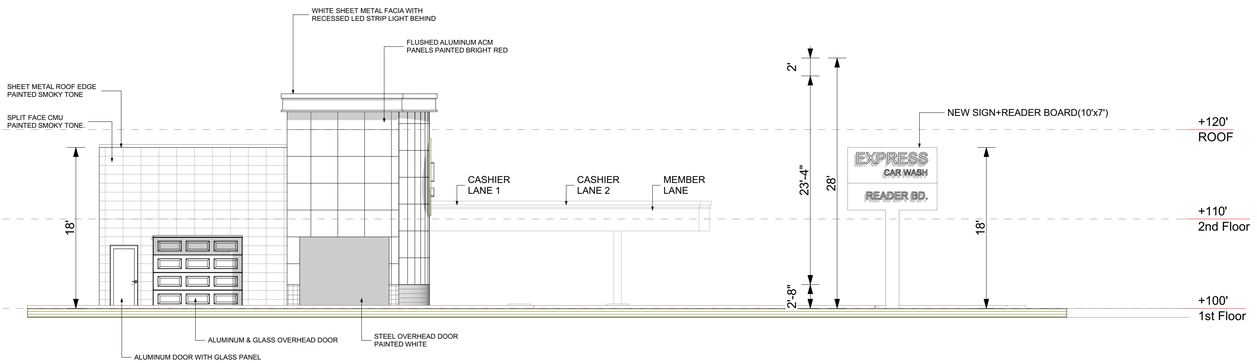
Date: September 2022



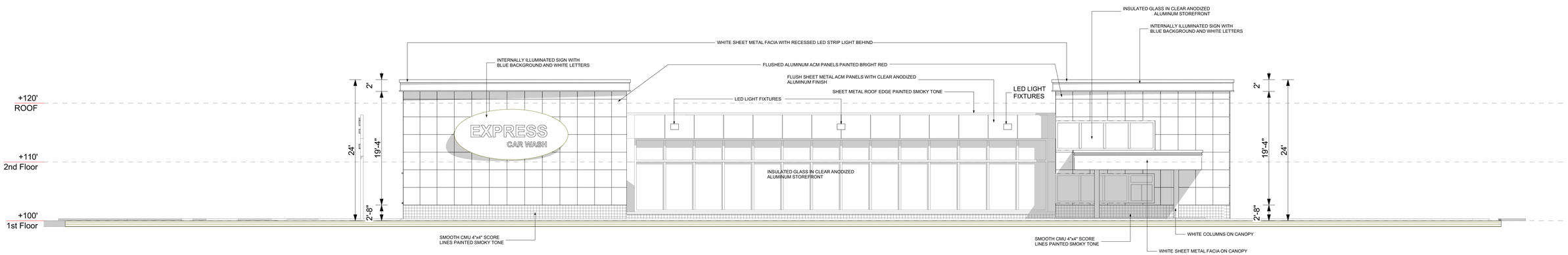
NORTH ELEVATION
1/8" = 1'-0"



EAST ELEVATION
1/8" = 1'-0"



WEST ELEVATION
1/8" = 1'-0"



SOUTH ELEVATION
1/8" = 1'-0"

R E N N E R
a r c h i t e c t s

Renner Architects - 414.273.6637 - kerry@rennerarchitects.com

Melvin Ct Car Wash

1/8" = 1'-0"

SHEET 06

Date: 26 September 2022

RENNER
architects

Renner Architects - 414.273.6637 - kerry@rennerarchitects.com

Melvin Ct Car Wash

SHEET 07

Date: September 2022

RENNER
architects

Renner Architects - 414.273.6637 - kerry@rennerarchitects.com

Melvin Ct Car Wash

SHEET 08

Date: September 2022

R E N N E R
a r c h i t e c t s

Renner Architects - 414.273.6637 - kerry@rennerarchitects.com

Melvin Ct Car Wash

SHEET 09

Date: 29 September 2022

R E N N E R
a r c h i t e c t s

Renner Architects - 414.273.6637 - kerry@rennerarchitects.com

Melvin Ct Car Wash

SHEET 10

Date: September 2022

R E N N E R
a r c h i t e c t s

Renner Architects - 414.273.6637 - kerry@rennerarchitects.com

Melvin Ct Car Wash

SHEET 11

Date: 26 September 2022

ALTA/NSPS LAND TITLE SURVEY

TABLE "A" ITEMS

3. According to the flood insurance rate map of the County of Dane, Community Panel No.55025C0427H, effective date of September 17, 2014, this site falls in Zone X (Areas determined to be outside the 0.2% annual chance floodplain).
4. The Land Area of the subject property is 25,522 square feet or 0.5859 acres.
6(b). A zoning report has not been provided.
9. There are no parking spaces marked on this site.
11(a). No plans or reports provided by client.
11(b). Evidence of underground utilities existing on or serving the surveyed property as determined by markings requested by the surveyor pursuant to a Diggers Hotline One-call center utility locate. Ticket Number 20220203645. However, lacking excavation, the exact location of underground features cannot be accurately, completely, and reliably depicted. Client understands only utility lines with imbedded electric tracer wires or utilities made of materials capable of electric connectivity can be marked at the surface and located. Depth of utilities may prohibit their location even with electric connectivity.
20(a). List the current zoning classification, setback requirements, the height and floor space area restrictions, and parking requirements, if any. Identify the date and source of the zoning information.

The zoning information noted below is taken from the municipal code ordinance. *It does not reflect all zoning restrictions that may apply. It is* not intended to be used in lieu of a comprehensive zoning report as stated in ALTA Table A item 6(a) nor to be relied on for site development purposes.

Municipal Code: Sec. 28.067.
Site is zoned: CC-T Commercial Corridor - Transitional District

FRONT YARD SETBACK	0' OR 5' 0' IF THE DISTANCE BETWEEN THE CURB AND PROPERTY LINE IS EQUAL TO OR GREATER THAN 15'. A NO-BUILD EASEMENT MAY BE USED TO ACHIEVE THE 15' DISTANCE. 5' IF THE DISTANCE BETWEEN THE CURB AND PROPERTY LINE IS LESS THAN 15'.
SIDE YARD SETBACK	0' OR 5' 0' IF THE DISTANCE BETWEEN THE CURB AND PROPERTY LINE IS EQUAL TO OR GREATER THAN 15' OR SHOWN ON THE SETBACK EXCEPTIONS MAP. A NO-BUILD EASEMENT MAY BE USED TO ACHIEVE THE 15' DISTANCE. 5' IF THE DISTANCE BETWEEN THE CURB AND PROPERTY LINE IS LESS THAN 15'.
SIDE YARD LOT LINE	SETBACK: WHERE BUILDINGS ABUT RESIDENTIALLY-ZONED LOTS AT SIDE MINIMUM SIDE YARD REQUIRED IN THE ADJACENT RESIDENTIAL DISTRICT
MAXIMUM HEIGHT	5 STORIES/78

CLIENT
Renner Architects

SITE ADDRESS
3206 E. Washington Ave., City of Madison, Dane County, Wisconsin.

LEGAL DESCRIPTION
PART OF OUTLOT 44 OF BURKE ASSESSORS' PLAT NO. 1, CITY OF MADISON, DANE COUNTY, WISCONSIN WHICH IS MORE FULLY DESCRIBED AS FOLLOWS: COMMENCING AT THE MOST NORTHERLY CORNER OF SAID OUTLOT 44; THENCE SOUTH 43° 32' EAST, ALONG THE NORTHEAST LINE OF SAID OUTLOT 133.0 FEET TO THE POINT OF BEGINNING OF THIS DESCRIPTION; THENCE SOUTH 45°30' WEST, 237.05 FEET TO THE EAST LINE OF NEWLY WIDENED MELVIN COURT; THENCE SOUTHEASTERLY ALONG SAID EAST LINE OF COURT ON A CURVE TO THE LEFT WHOSE RADIUS IS 66.52 FEET AND WHOSE LONG CHORD BEARS SOUTH 50° 25' 30" EAST FOR A DISTANCE OF 15.85 FEET; THENCE SOUTH 57° 16' EAST, ALONG NEW EAST LINE OF COURT, 81.45 FEET; THENCE EASTERLY ON A CURVE TO THE LEFT WHOSE RADIUS IS 25.0 FEET AND WHOSE LONG CHORD BEARS NORTH 83° 40' EAST FOR A DISTANCE OF 31.51 FEET TO THE NORTH LINE OF NEWLY WIDENED EAST WASHINGTON AVENUE; THENCE NORTH 44° 36' EAST, ALONG SAID NORTH LINE OF AVENUE, 190.80 FEET TO THE NORTHEAST LINE OF OUTLOT 44; THENCE NORTH 43° 32' WEST ALONG SAID NORTHEAST LINE OF OUTLOT 111.85 FEET TO THE POINT OF BEGINNING.

BASIS OF BEARINGS
Bearings are referenced to the Dane County Coordinate System.

TITLE COMMITMENT
This survey was prepared based on First American Title Insurance Company Commitment No. NCS-1090076-MAD, effective date of September 21, 2021 which lists the following easements and/or restrictions from schedule B-II:

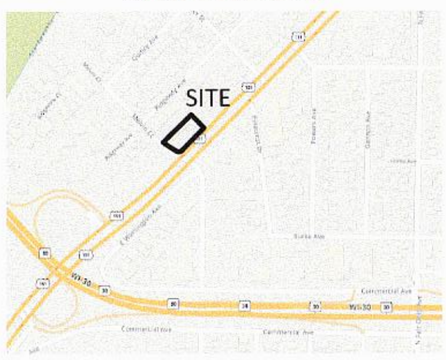
1, 2, 3, 5 & 9 visible evidence shown, if any.

4, 6, 7, 8, 11 & 12 not survey related.

10. Utility Easement to Madison Gas and Electric Company, dated September 27, 1983, recorded/filed November 22, 1983 in Volume 5131, Page 71 as Document No. 1810352. Affects property by location, shown.

VERTICAL DATUM
Vertical datum is based on National Geodetic Vertical Datum of 1929.

VICINITY MAP



LEGEND

- INDICATES FOUND 1" IRON PIPE
- INDICATES SET 1" IRON PIPE
- INDICATES FOUND CHISELED CROSS
- SANITARY MANHOLE
- SANITARY CLEANOUT OR VENT
- SEPTIC TANK ACCESS COVER
- M.I.S. MANHOLE
- UNKNOWN MANHOLE
- STORM MANHOLE
- INLET (ROUND)
- INLET (SQUARE)
- CURB INLET
- STORM SEWER END SECTION
- GAS VALVE
- GAS METER
- WATER VALVE
- HYDRANT
- WATER MANHOLE
- WATER SERVICE CURB STOP
- WELL HEAD
- STAND PIPE
- WALL INDICATOR VALVE
- POST INDICATOR VALVE
- LIGHT POLE
- SPOT/YARD LIGHT
- UTILITY POLE
- GUY POLE
- GUY WIRE
- ELECTRIC MANHOLE
- ELECTRIC PEDESTAL
- ELECTRIC METER
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- CABLE PEDESTAL
- CONTROL BOX
- FIBER OPTIC PEDESTAL/SIGN
- TRAFFIC LIGHT
- COMMUNICATION MANHOLE
- BOLLARD
- SOIL BORING/MONITORING WELL
- WATER SURFACE
- WETLANDS FLAG
- MARSH
- FLAGPOLE
- PARKING METER
- SIGN
- MAILBOX
- RAILROAD CROSSING SIGNAL
- HANDICAP SPACE
- CONIFEROUS TREE
- DECIDUOUS TREE
- SANITARY SEWER
- STORM SEWER
- WATERLINE
- MARKED GAS MAIN
- MARKED ELECTRIC
- OVERHEAD WIRES
- MARKED TELEPHONE
- MARKED CABLE TV LINE
- MARKED FIBER OPTIC
- BURIED ELECTRIC SERVICE
- BOARD FENCE
- CHAIN LINK FENCE
- WIRE FENCE

A	SIGN BASE ENCROACHES ON PROPERTY LINE

GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

TO: Lakhbir Singh
First American Title Insurance Company

This is to certify that this map or plat and the survey on which it is based were made in accordance with the 2021 Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys, jointly established and adopted by ALTA and NSPS, and includes items 1, 2, 3, 4, 5, 7(a), 7(b)(1), 7(c), 8, 9, 11(a)(b), 19, 20(a), 20(b) of Table A thereof. The field work was completed on February 10, 2022.

Date of Map: February 14, 2022

DONALD C. CHAPUT S-1316 MILWAUKEE WI — WISCONSIN — LAND SURVEYOR

Donald C Chaput
Donald C. Chaput
Professional Land Surveyor
Registration Number S-1316

Date	Revision description	

CHAPUT LAND SURVEYS
234 W. Florida Street
Milwaukee, WI 53204
414-224-8068
www.chaputlandsurveys.com

Drawing No. 20220214ALT4019-far

Survey SY

SITE INFORMATION

USDA PLANT HARDINESS ZONE	5a (-20 to -15 Degrees F)
LOT ZONING	CC-T - COMMERCIAL CORRIDOR TRANSITIONAL DISTRICT
TOTAL LOT AREA	25,522 SQ. FT. (0.59 Acres)
SITE BUILDING AREA	4,695 SQ. FT. (0.11 Acres)
LOT DEVELOPED AREA	20,827 SQ. FT. (0.48 Acres)
TOTAL IMPERVIOUS AREA	21,172 SQ. FT. (0.49 Acres)
TOTAL LOT GREENSPACE	4,350 SQ. FT. (0.10 Acres)
SITE LANDSCAPE PERCENTAGE	17.0%
TOTAL PARKING STALLS	6 STALLS 10 VACUUM STALLS

DESIGN COMPLIANCE:

THIS LANDSCAPE PLAN IS ACCURATE AND IN COPLAINACE WITH THE CITY OF MADISON 28.142 - LANDSCAPING AND SCREENING REQUIREMENTS.

(3) LANDSCAPE PLAN AND DESIGN STANDARDS.
(4) LANDSCAPE CALCULATIONS AND DISTRIBUTION.
(5) DEVELOPMENT FRONTAGE LANDSCAPING.
(6) INTERIOR PARKING LOT LANDSCAPING.
(7) FOUNDATION PLANTINGS

LANDSCAPE CALCULATIONS AND DISTRIBUTION
DEVLOPED AREA IS DEFINED AS THAT AREA WITHIN A SINGLE CONTIGUOUS BOUNDARY EXCLUDING THE AREA OF ANY BUILDING FOOTPRINT AT GRADE
TOTAL LOT AREA 25,522 SQ. FT - SITE BUILDING AREA 4,695 SQ. FT. = TOTAL DEVELOPED AREA 20,827 SQ. FT.
(A) FOR THE CC-T DISTRICTS, FIVE (5) POINT SHALL BE PROVIDED PER THREE HUNDRED (300) SQUARE FEET OF DEVELOPED AREA
(20,827 / 300) X 5 = 347.1 LANDSCAPE POINTS REQUIRED
732 LANDSCAPE POINTS ARE PROVIDED AIONG
*TREES MUST BE WITHIN DEVELOPED AREA AND CANNOT COMPRISE MORE THAN 40% (30%) OF TOTAL REQUIRED POINTS

28.142(5) DEVELOPMENT FRONTAGE LANDSCAPING
(A) ONE (1) OVERSTORY DECIDUOUS TREE AND SIX (6) SHRUBS SHALL BE PLANTED FOR EACH THIRTY (30) LINEAL FEET OF LOT FRONTAGE
(2) ORNAMENTAL TREES OR (1) TALL EVERGREEN TREE CAN BE SUBSTITUTED FOR (1) OVERSTORY DECIDUOUS TREE
TOTAL STREET FRONTAGE = 322 LINEAL FEET OF LOT FRONTAGE THEREFORE:
(11) OVERSTORY DECIDUOUS TREES ARE REQUIRED — *10 TOTAL* - NEW OVERSTORY DECIDUOUS TREES ARE PROVIDED
Tree moved from in fron of sign to island in parking lot
(65) SHRUBS ARE REQUIRED — *66 TOTAL* - NEW BROADLEAF DECIDUOUS AND CONIFEROUS EVERGREEN SHRUBS ARE PROVIDED

STREET FRONTAGE LANDSCAPE POINTS
667 LANDSCAPE POINTS ARE PROVIDED

1,478 TOTAL PROJECT LANDSCAPE POINTS ARE PROVIDED

(6)INTERIOR PARKING LOT LANDSCAPING ..
ALL PARKING LOTS WITH TWENTY (20) OR MORE PARKING SPACES SHALL BE LANDSCAPED IN ACCORDANCE WITH THE FOLLOWING INTERIOR PARKING LOT STANDARDS
ONE (1) DECIDUOUS CANOPY TREE FOR EVERY ONE HUNDRED SIXTY (160) SQUARE FEET OF REQUIRED LANDSCAPED AREA.
NONE REQUIRED

(7)FOUNDATION PLANTINGS
FOUNDATION PLANTINGS SHALL BE INSTALLED ALONG BUILDING FACADES, EXCEPT WHERE BUILDING FACADES DIRECTLY ABUT THE SIDEWALK, PLAZA, OR OTHER HARDSCAPE FEATURES. FOUNDATION PLANTINGS SHALL CONSIST PRIMARILY OF SHRUBS, PERENNIALS, AND NATIVE GRASSES.

(8)SCREENING ALONG DISTRICT BOUNDARIES
SCREENING SHALL CONSIST OF A SOLID WALL, SOLID FENCE, OR HEDGE WITH YEAR-ROUND FOLIAGE, BETWEEN SIX (6) AND EIGHT (8) FEET IN HEIGHT, EXCEPT THAT WITHIN THE FRONT YARD SETBACK AREA.

CONTRACTOR NOTE: THE LANDSCAPE CONTRACTOR/GENERAL CONTRACTOR IS/ARE RESPONSIBLE TO INSTALL THE LANDSCAPE AS PER THE APPROVED PLAN. IF ANY CHANGES OR DEVIATIONS ARE MADE FROM THE THIS APPROVED PLAN, THE LANDSCAPE CONTRACTOR / GENERAL CONTRACTOR ARE RESPONSIBLE FOR UPDATING THE PLANS ACCORDINGLY AND SUBMITTING THOSE REVISED PLANS FOR APPROVAL AND "SIGN OFF" WITH THE CITY OF MADISON. THE LANDSCAPE CONTRACTOR / GENERAL CONTRACTOR ARE ALSO RESPONSIBLE FOR VERIFYING THAT ANY PLANT MATERIAL SUBSTITUTIONS OR MODIFICATIONS THAT ARE MADE TO THE APPROVED LANDSCAPE DESIGN DOCUMENTS WILL NOT CHANGE OR ALTER ANY OF THE REQUIRED SUPPORTING LANDSCAPE REQUIREMENT CALCULATIONS. UPON COMPLETION OF THE CONSTRUCTION PROJECT AND FILE THAT AFFIDAVIT WITH THE CITY OF MADISON.

UNDERGROUND SEWER AND UTILITY INFORMATION AS SHOWN IS OBTAINED FROM THE RECORDS OF MUNICIPALITY AND LOCAL UTILITY COMPANIES. THE ACCURACY OF WHICH CAN NOT BE GUARANTEED OR CERTIFIED TO. THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON THIS SURVEY ARE APPROXIMATE. THERE MAY BE OTHER UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

TO OBTAIN LOCATION OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN CALL THE MILWAUKEE UTILITY ALERT NETWORK (800)-242-8511 (262) 432-7910 (877) 500-9592 www.Diggershotline.com OR

811 Know what's below. Call before you dig.

TO OBTAIN LOCATION OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

DIGGERS HOT LINE

WISCONSIN STATUTE 182.0175 (1974) REQUIRES A MINIMUM OF 3 DAYS NOTICE BEFORE YOU EXCAVATE (NOT INCLUDING SATURDAY, SUNDAY OR LEGAL HOLIDAYS)

LANDSCAPE POINTS TABLE

PLANT TYPE	POINTS	MINIMUM SIZE AT INSTALLATION
OVERSTORY DECIDUOUS TREE	35	2½ INCH CALIPER MEASURED DIAMETER AT BREAST HEIGHT (DBH) MINIMUM 12'-14' HGT.
TALL EVERGREEN TREE (I.E.PINE, SPRUCE)	35	5-6 FEET TALL
ORNAMENTAL TREE	15	1½ INCH CALIPER
UPRIGHT EVERGREEN SHRUB (I.E. ARBORVITAE)	10	3-4 FEET TALL
SHRUB, DECIDUOUS MIN. 12"-24"	3	#3 GALLON CONTAINER SIZE
SHRUB, EVERGREEN MIN.12"-24"	4	#3 GALLON CONTAINER SIZE
ORNAMENTAL GRASSES/PERENNIALS	2	#1 GALLON CONTAINER SIZE MIN. 8"-18"
ORNAMENTAL/DECORATIVE FENCING OR WALL	4 PER 10 LN. FT.	N/A
EXISTING SIGNIFICANT SPECIMEN TREE MAXIMUM POINTS PER TREE: 200	14/CALIPER INCH DBH	MINIMUM SIZE: 2 ½ INCH CALIPER DBH *TREES MUST BE WITHIN DEVELOPED AREA AND CANNOT COMPRISE MORE THAN 40% (30%) OF TOTAL REQUIRED POINTS
LANDSCAPE FURNITURE FOR PUBLIC SEATING AND/OR TRANSIT CONNECTIONS	5 POINTS / "SEAT"	*FURNITURE BE WITHIN DEVELOPED AREA, PUBLICALLY ACCESSIBLE, AND CANNOT COMPRISE MORE THAN 5% OF TOTAL REQUIRED POINTS

EXISTING CONDITIONS GENERAL NOTES

1. INFORMATION PERTAINING TO EXISTING CONDITIONS GIVEN ON THESE LANDSCAPE DRAWINGS REPRESENTS TO THE BEST OF OUR KNOWLEDGE THE ACTUAL EXISTING FIELD CONDITIONS. INSITE LANDSCAPE DESIGN, INC. MAKES NO WARRANTY AS TO THEIR ACCURACY. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS IMPERATIVE TO THEIR NEW WORK. REPORT ANY DISCREPANCIES BETWEEN THE DRAWINGS AND FIELD CONDITIONS TO THE LANDSCAPE ARCHITECT FOR REVIEW. ANY WORK PERFORMED PRIOR TO RESOLUTION OF DISCREPANCIES BY THE LANDSCAPE ARCHITECT IS SUBJECT TO REMOVAL AND REPLACEMENT AT NO ADDITIONAL COST TO THE CONTRACT.
2. THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON THIS PLAN ARE APPROXIMATE. THERE MAY BE UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA OF DISTURBANCE THAT ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXISTENCE AND LOCATION OF ALL UNDERGROUND UTILITIES.
3. VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, AND ALIGNMENT OF WALLS. BRING ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECTS ATTENTION PRIOR TO FABRICATION / CONSTRUCTION BEGINS.
4. VERIFY LOCATION OF ACCESS PANELS w/ MECHANICAL AND ELECTRICAL EQUIPMENT FOR ACCESSIBILITY OF MECHANICAL & ELECTRICAL ITEMS.
5. INSITE LANDSCAPE DESIGN, INC. ASSUMES NO RESPONSIBILITY FOR DAMAGES, LIABILITY OR COSTS RESULTING FROM CHANGES OR ALTERATIONS MADE TO THIS PLAN WITHOUT THE EXPRESSED WRITTEN CONSENT OF INSITE LANDSCAPE DESIGN, INC.

LANDSCAPE PLAN CODED CONSTRUCTION NOTES

LANDSCAPE / SITE DEMOLITION CONTRACTOR TO VERIFY LOCATIONS OF EXISTING TREES TO BE SALVAGED AND CLEARLY TAG THEM WITH MARKING TAPE AND CONSTRUCTION FENCE.

LANDSCAPE INSTALLATION CONTRACTOR TO COORDINATE INSTALLATION OF NEW PLANT MATERIAL AND THE COORDINATION WITH EXISTING TREES TO BE SALVAGED.

1. PLANTING BED MULCH AREA. DRESS WITH 2"-3" OF SHREDDED HARDWOOD BARK MULCH. TAKE CARE WITH INSTALLATION NOT TO DAMAGE OR COVER PLANTS. REFER TO GENERAL NOTES AND SPECIFICATIONS FOR FURTHER INFORMATION.
2. EARTHEN BED EDGE (SHOVEL POINT) LANDSCAPE EDGE. TYPICAL ALL PLANT MATERIAL AREAS. DRESS WITH 2"-3" OF SHREDDED HARDWOOD BARK MULCH. REFER TO GENERAL NOTES AND SPECIFICATIONS FOR FURTHER INFORMATION.
3. MULCHED 4'-0" DIA. TREE RING BED AREA w/ EARTHEN BED EDGE (SHOVEL POINT) LANDSCAPE EDGE AS REQUIRED. DRESS WITH 2"-3" OF SHREDDED HARDWOOD BARK MULCH. REFER TO LSP1.2, GENERAL NOTES AND SPECIFICATIONS FOR FURTHER INFORMATION.
4. SEEDED AREAS OF TURF GRASS. REPAIR ANY AND ALL TURF DAMAGE FROM THE CONSTRUCTION PROCESS. IT IS VERY IMPORTANT TO FOLLOW THE MANUFACTURERS INSTALLATION INSTRUCTIONS REGARDING THE TURF GRASS FOR PROPER GERMINATION AND SURVIVABILITY OF THE SEED MIX AND REFER TO GENERAL NOTES FOR PREPARATION OF TOP SOIL AND SEED INSTALLATION. ALSO, REFER TO GRADING PLAN, GENERAL NOTES AND SPECIFICATIONS FOR FURTHER INFORMATION.

LANDSCAPE PLAN GENERAL NOTES

PLANT MATERIAL SHOWN ON LANDSCAPE PLAN IS DEPICTED AT MATURE GROWTH.

1. AT LEAST SEVENTY-TWO HOURS PRIOR TO ANY EXCAVATION, CONTRACTOR SHALL VERIFY UTILITY LOCATIONS AS GIVEN BY THE ELECTRIC, GAS, TELEPHONE, WATER, SEWER, AND CABLE TELEVISION COMPANIES, UTILITIES OR ENTITIES. REVIEW WITH OWNER'S REPRESENTATIVE SITE MECHANICAL, SITE ELECTRICAL AND LIGHTING, SITE GRADING AND DRAINAGE, SITE IRRIGATION AND ALL OTHER DRAWINGS PERTAINING TO UNDERGROUND UTILITY LOCATIONS. RECORD SET OF INFORMATION THE SAME AS IN POSSESSION OF OWNER'S REPRESENTATIVE. ALSO REVIEW OWNER'S "MARK SETS" OF ALL OF THESE DRAWINGS IN POSSESSION OF THE CONTRACTOR OR OWNER. MARK ALL SUCH UTILITIES ON THE SITE PRIOR TO COMMENCING. COORDINATE WITH OWNER BEFORE AND DURING CONSTRUCTION. REPAIR ANY DAMAGE TO ANY SYSTEM THAT IS CAUSED BY LANDSCAPE CONTRACTOR AT NO COST TO OWNER.
2. ALL PLANTINGS SPECIFIED FOR THE MELVIN COURT CARWASH PROJECT PLANTING TABLES SHALL COMPLY WITH STANDARDS AS DESCRIBED IN AMERICAN STANDARD OF NURSERY STOCK ANSI Z60.1 2014 AND ANSI STANDARDS FOR PLANTING 2012.
3. ALL DEVIATIONS FROM THE APPROVEDMELVIN COURT CARWASH PROJECT PLANS SHALL BE NOTED ON THE RECORD DRAWINGS BY THE CONTRACTOR AND MAY BE EXECUTED ONLY WITH PRIOR APPROVAL FROM THE LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE. VERBAL AGREEMENTS OR REVISIONS WITHOUT A CHANGE ORDER WILL NOT BE RECOGNIZED BY LANDSCAPE ARCHITECT AND OWNER.
4. ALL PLANTS MUST BE BID AND SELECTED PER THE SPECIES SPECIFIED ON THE PLANS. ANY SPECIES SUBSTITUTIONS MUST BE APPROVED IN WRITING BY LANDSCAPE ARCHITECT. THE SIZES OF PLANT MATERIAL LISTED HEREIN IS A MINIMUM ACCEPTABLE SIZE. ADDITIONALLY, IF EXCESSIVE PRUNING REDUCES THE CROWN THE PLANT SHALL BE REPLACED.
5. PROTECT PUBLIC FROM CONSTRUCTION WITH BARRIERS AND BARRICADES.
6. ALL AREAS THAT WERE DISTURBED DURING CONSTRUCTION AND AREAS NOT COVERED WITH PAVEMENT, BUILDING, PLANTING BEDS, OR TREE PITS ARE TO BE TOPSOILED 3" DEEP (MIN.) AND SHALL BE SODDED/SEEDED WITH SPECIFIED LAWN GRASS. LANDSCAPE CONTRACTOR SHALL INCLUDE COST PER SQUARE YARD FOR ADDITIONAL SEED OPERATIONS AS MAY BE POSSIBLY REQUIRED TO REESTABLISH ADJACENT TURF GRASS AREAS WHICH MAY BECOME DAMAGED DURING THE CONSTRUCTION PROCESS OR TO REPAIR DAMAGE DONE BY OTHERS.
7. CONTRACTOR IS RESPONSIBLE FOR FURNISHING ALL MATERIALS, TOOLS, EQUIPMENT, LABOR, AND PLANTS NECESSARY FOR PROPER PLANTING AND INSTALLATION OF ALL LANDSCAPE MATERIAL.
8. QUANTITIES ON PLANT MATERIALS LIST ARE FOR CONVENIENCE OF BIDDING ONLY. CONTRACTOR IS RESPONSIBLE FOR ALL PLANTS SHOWN ON LANDSCAPE PLANS AND COVERAGE OF ALL AREAS DELINEATED. THE PLANS ARE TO SUPERSEDE THE PLANT LIST IN ALL CASES.
9. CONTRACTOR IS RESPONSIBLE FOR ALL ESTIMATING AND BIDDING, ALL AREAS, QUANTITIES MATERIALS SHOULD BE FIELD VERIFIED WITH SITE CONDITION.
10. WHERE DISCREPANCIES OCCUR BETWEEN THE LANDSCAPE PLANS AND/OR ARCHITECTURAL AND/OR THE CIVIL DRAWINGS (AND ANY OTHER SITE DRAWINGS) THE DISCREPANCIES MUST BE BROUGHT TO THE LANDSCAPE ARCHITECTS ATTENTION FOR COORDINATION AND RESOLUTION.
11. ALL DISEASED, NOXIOUS OR INAPPROPRIATE MATERIALS SHALL BE REMOVED FROM THE PROPOSED SITE PRIOR TO THE START OF CONSTRUCTION AND DURING THE MAINTENANCE PERIOD.
12. GENERAL CONTRACTOR SHALL LEAVE THE SITE FREE OF CONSTRUCTION DEBRIS.
13. ALL LAWN AND PLANTING AREAS SHALL SLOPE TO DRAIN A MINIMUM OF 2% UNLESS NOTED OTHERWISE AND REVIEWED WITH OWNER'S REPRESENTATIVE FOR FINAL APPROVAL.
14. FINISH GRADES FOR SHRUB AND GROUND COVER AREAS SHALL BE HELD 1" BELOW TOP OF ADJACENT PAVEMENTS AND CURBS, UNLESS NOTED OTHERWISE ON THE PLANS. REFER TO LSP1.2 FOR FURTHER INFORMATION.
15. ALL PERENNIAL, ANNUAL AND GROUND COVER AREAS TO RECEIVE A BLEND OF ORGANIC SOIL AMENDMENTS PRIOR TO PLANTING. TILL THE FOLLOWING MATERIALS INTO EXISTING TOPSOIL TO A DEPTH OF APPROXIMATELY 8". A DEPTH OF 12" IN TREE PITS. PROPORTIONS AND QUANTITIES MAY REQUIRE ADJUSTMENT DEPENDING ON THE CONDITION OF EXISTING SOIL. REFER TO LSP1.2 FOR FURTHER INFORMATION.
PER EVERY 100 SQUARE FEET ADD: ONE - 2 CUBIC FOOT BALE OF PEAT MOSS, 2 POUNDS OF 5 -10 -5 GARDEN FERTILIZER, 1/4 CUBIC YARD OF COMPOSTED MANURE OR OTHER COMPOSTED, ORGANIC MATERIAL.
16. ALL SHRUBS TO BE POCKET PLANTED WITH A 50/50 MIX OF COMPOSTED, ORGANIC MATERIAL AND EXISTING SOIL. INSTALL TOPSOIL INTO ALL BEDS AS NEEDED TO ACHIEVE PROPER GRADE. REMOVE ALL EXCESSIVE GRAVEL, CLAY AND STONES. REFER TO LSP1.2 FOR FURTHER INFORMATION.
17. PLANT ALL TREES SLIGHTLY HIGHER THAN FINISHED GRADE AT ROOT FLARE. BACK FILL HOLE WITH 2/3 EXISTING TOPSOIL AND ORGANIC SOIL AMENDMENTS SPECIFIED IN NOTE 15. AVOID ANY AIR POCKETS. DISCARD ANY GRAVEL CLAY OR STONES. REFER TO LSP1.2 FOR FURTHER INFORMATION.
18. ALL TREES TO BE INSTALLED, STAKED AND GUYED ACCORDING TO DETAILS. REFER TO ANSI STANDARDS FOR PLANTING 2012 AND DETAILS ON LSP1.2 FOR FURTHER INFORMATION.
19. PROVIDE A 4'-0" - 5'-0" DIAMETER MULCH RING AT THE ROOT BALL FLARE OF ALL LAWN TREES.
20. ALL PLANTINGS TO BE WATERED AT THE TIME OF PLANTING, THROUGHOUT CONSTRUCTION AND UPON COMPLETION OF PROJECT AS REQUIRED.
21. WHERE SPECIFIED, ALL PLANT BEDS, PITS AND TREE RINGS ARE TO RECEIVE A MINIMUM OF 2" - 3" DRESSING OF SHREDDED HARDWOODM OAK BARK MULCH SHAVINGS FREE OF GROWTH, WEEDS, FOREIGN MATTER DETRIMENTAL TO PLANT LIFE OR GERMINATION INHIBITING INGREDIENTS. LANDSCAPE CONTRACTOR TO PROVIDE A SAMPLE TO OWNER FOR APPROVAL. CONTRACTOR TO TAKE CARE WITH INSTALLATION NOT TO DAMAGE OR COVER PLANTS. REFER TO LSP1.2 FOR FURTHER INFORMATION.
22. LAWN INSTALLATION: CONTRACTOR TO FURNISH AND PREPARE TOPSOIL (3" MIN) AND SEED BED (REMOVE ALL STONES 1" OR LARGER), APPLY STARTER FERTILIZER AND SEED UNIFORMLY. PROVIDE A MULCH COVERING SUITABLE TO GERMINATE AND ESTABLISH TURF. EROSION CONTROL MESH SHOULD BE USED IN SWALES AND STEEP GRADES WHERE APPLICABLE. METHODS OF INSTALLATION MAY VARY AT THE DISCRETION OF CONTRACTOR. IT IS HIS/HER RESPONSIBILITY TO ESTABLISH AND GUARANTEE A SMOOTH, UNIFORM, QUALITY TURF. IF STRAW MULCH IS USED AS A COVERING, A TACKIFIER MAY BE NECESSARY TO AVOID WIND DAMAGE.
23. **DELUXE 50 GRASS SEED MIX REINDER'S (800) 785-3301**
20% KENTUCKY BLUE GRASS
15% NEWPORT KENTUCKY BLUE GRASS
15% SR 2100 Kentucky Bluegrass
25% Creeping Red Fescue
15% Replicator Perennial Ryegrass
10% Fiesta 4 Perennial Ryegrass
APPLY AT A RATE OF 200 POUNDS PER ACRE. REFER TO SUPPLIERS SPECIFICATIONS & INSTALLATION CUT SHEETS FOR FURTHER FORMATION
24. DURING THE INITIAL "30 DAY MAINTENANCE PERIOD" THE LANDSCAPE CONTRACTOR IS REQUIRED TO PROVIDE AND ON-GOING PLEASANT VISUAL ENVIRONMENT WHEREAS ANY PLANT WHICH IS NOT RESPONDING TO TRANSPLANTING OR THRIVING SHALL IMMEDIATELY BE REPLACED. NEW LAWNS SHALL BE WATERED AND REPAIRED AND WEEDS MUST CONSTANTLY BE REMOVED, NO EXCEPTIONS WILL BE GRANTED.
MAINTENANCE NOTE:
MAINTENANCE IS THE RESPONSIBILITY OF THE PROPERTY OWNER TO MAINTAIN REQUIRED LANDSCAPING IN ACCORDANCE WITH THE MUNICIPALITY'S PROPERTY MAINTENANCE CODE AND AN APPROVED MAINTENANCE PLAN. THE MAINTENANCE MUST INCLUDE, AT A MINIMUM, METHODS FOR PROVIDING THE FOLLOWING:
- NECESSARY IRRIGATION (if REQUIRED)
- INTEGRATED PEST MANAGEMENT,
- PROPER FERTILIZATION
- TREE CARE AND PRUNING, SHRUB TIP CLIPPING AND SHAPING AS REQUIRED
- REPLACEMENT OF LOST VEGETATION, AND ALL DISEASED, DAMAGED, OR DEAD MATERIAL WILL BE REPLACED BY THE END OF THE FOLLOWING PLANTING SEASON IN PERPETUITY.
- WEED MANAGEMENT AND BED CARE.

25. ALL NEWLY PLANTED TREES AND SHRUBS ARE TO RECIEVE AN APPLICATION OF AN ANTI-TRANSPIRANT SPRAY THAT WILL EFFECTIVELY REDUCE THE WATER LOSS OF TRANSPIRATION OF PLANT MATERIAL AND REDUCE THE STRESS OF TRANSPLANTATION. IT IS RECOMENDED AS PART OF THE ONGOING MAINTENANCE THAT ANY BROADLEAF EVERGREEN AND CONIFEROUS TREE AND SHRUBS (EXCLUDING ARBORVITAE) RECIEVE AN APPLIATION OF AN ANTI-DESICANT SPRAY TO REDUCE THE LOSS OF MOISTURE DUE TO WINTER DESICCATION.
26. MAINTENANCE. THE OWNER SHALL TEND AND MAINTAIN ALL PLANT MATERIALS IN A HEALTHY GROWING CONDITION AS PER THE APPROVED PLAN. PLANTINGS SHALL BE REPLACED WHEN NECESSARY AND KEPT FREE FROM REFUSE & DEBRIS. ALL PLANTING MATERIAL WHICH IS DYING OR DAMAGED BEYOND RECOVERY SHALL BE REPLACED WITHIN SIX (6) MONTHS OR BY THE NEXT PLANTING SEASON, WHICHEVER COMES FIRST.
27. LANDSCAPE / SITE DEMOLITION CONTRACTOR TO VERIFY LOCATIONS OF EXISTING TREES AND SHRUBS TO BE SALVAGED AND CLEARLY TAG THEM WITH MARKING TAPE AND CONSTRUCTION FENCE.

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Project:

MELVIN COURT CARWASH

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Issuance and Revisions:

Date	Number	Description
08/08/22		Plan Commission Submittal
09/26/22		Revisions Based on UDC Comments
09/29/22		Construction Document Submittal

Sheet Title:

PROPOSED LANDSCAPE PLAN
GENERAL NOTES,
AND
PLAN REQUIREMENT INFORMATION

Date of Drawing: 09/26/22
Scale: NONE
Drawn By: MCD
Job Number: L22-059
Sheet Number:

LSP1.0

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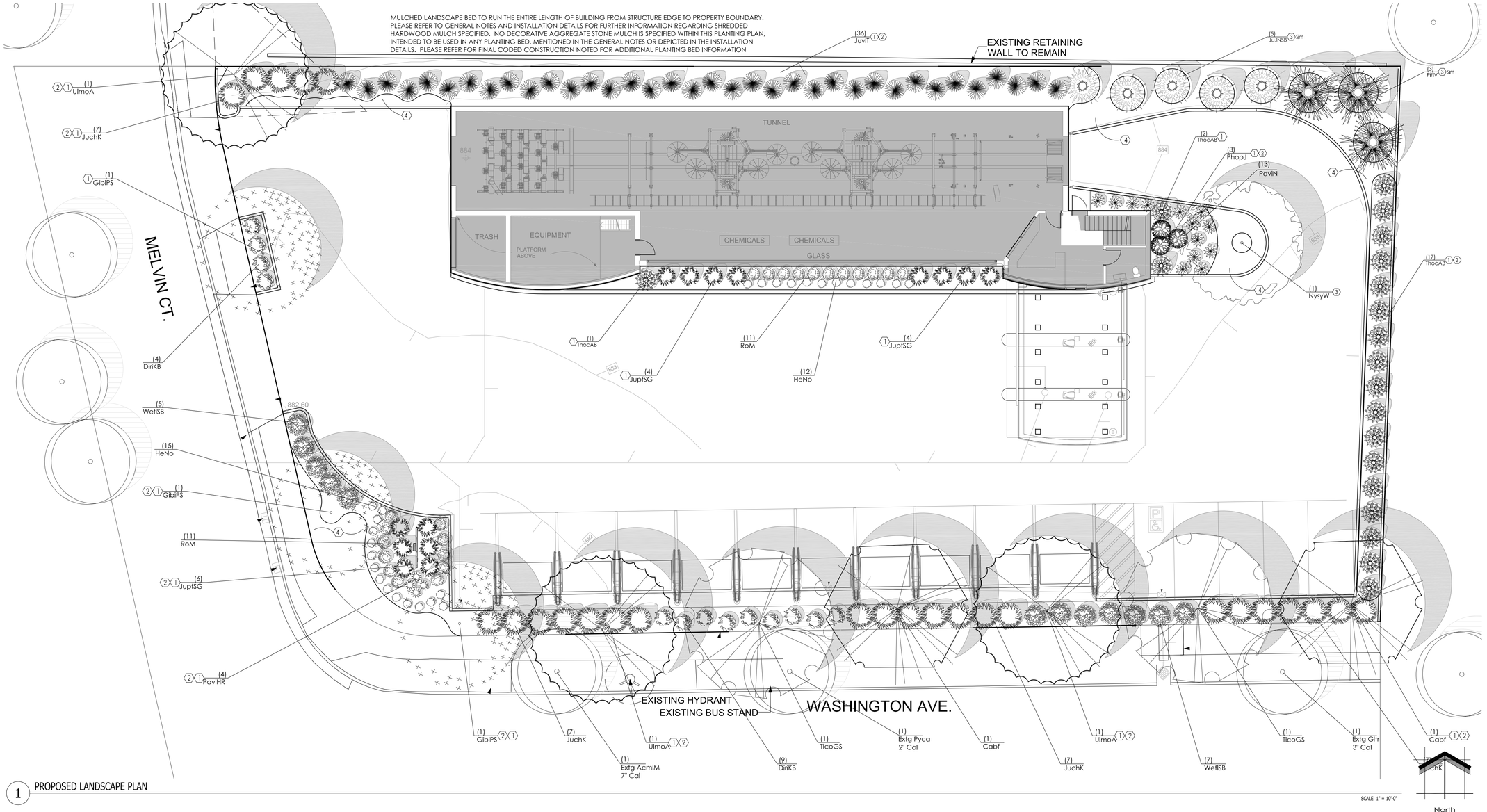
These progress documents reflect progress & intent & may be subject to change, including additional notes and detail. These are not final construction documents and should not be used for final bidding or construction-related purposes.

L22-059 - MELVIN COURT CARWASH - 09/26/2022

MULCHED LANDSCAPE BED TO RUN THE ENTIRE LENGTH OF BUILDING FROM STRUCTURE EDGE TO PROPERTY BOUNDARY. PLEASE REFER TO GENERAL NOTES AND INSTALLATION DETAILS FOR FURTHER INFORMATION REGARDING SHREDDED HARDWOOD MULCH SPECIFIED. NO DECORATIVE AGGREGATE STONE MULCH IS SPECIFIED WITHIN THIS PLANTING PLAN, INTENDED TO BE USED IN ANY PLANTING BED, MENTIONED IN THE GENERAL NOTES OR DEPICTED IN THE INSTALLATION DETAILS. PLEASE REFER FOR FINAL CODED CONSTRUCTION NOTED FOR ADDITIONAL PLANTING BED INFORMATION



SCALE: 1" = 10'-0"

1 PROPOSED LANDSCAPE PLAN

Proposed Plant Material Table

Broadleaf Deciduous Tree

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
2	Cabf		Carpinus betulis 'Fastigiata'	Pyramidal EuropeanHornbeam	2 1/2"-Cal - B&B	1
3	GibiPS		Ginko biloba 'Princeton Sentry'	Princeton Sentry Maidenhair Tree	2 1/2"-Cal - B&B	1, 7
1	NysyW		Nyssa sylvatica 'Wildfire'	Wildfire Black Gum	2 1/2"-Cal - B&B	1
2	TicoGS		Tilia cordata 'Green Spire'	Green Spire Linden	2 1/2"-Cal - B&B	1
3	UlmoA		Ulmus 'Morton' Accolade	Accolade Elm	2 1/2"-Cal - B&B	1
-	Extg		Existing to Remain	Existing to Remain	Existing	2

Broadleaf Deciduous Shrub

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
13	DiriKB		Diervilla rivularis 'SMNDRSF'	Kodiak Black Diervilla	18" - Cont	5
3	PhopJ		Physocarpus opulifolius 'Jefam'	First Editions Amber Jubilee Ninebark	18" - Cont	5
22	RoM		Rosa 'Meimirrot'	Apricot Drift Groundcover Rose	18" - Cont	5
12	WeflSB		Weigela florida 'Bokrasopin'	Sonic Bloom Pink Reblooming Weigela	18" - 24" - Cont	5

Existing Right of Way Street Tree Plant Material Table

Existing Broadleaf Deciduous Street Tree

Quantity	Code Name	Symbol	Scientific Name	Common Name	Existing Size	Comments
1	AcmiM		Existing Acer miyabei 'Morton'	Existing State Street Miyabe Maple	7"-Cal - B&B	
1	Gltr		Existing Gleditsia triacanthos	Existing Honeylocust	3"-Cal - B&B	
1	Pyca		Existing Pyrus callerana	Existing Calery Pear	2"-Cal - B&B	

Conifer Evergreen Tree

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
3	PiflV		Pinus flexis 'Vanderwolf's Pyramid'	Vanderwolf's Pyramid Limber Pine	5'-6' - B&B	4

Conifer Evergreen Shrub

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
5	JuJNSB		Juniperus 'J.N. Select Blue'	Star Power Juniper	3' - 4' - B&B	4
26	JuchK		Juniperus chinensis 'Kallay's Compact'	Kallay's Compact Juniper	18" - 24" - B&B	5
14	JupfSG		Juniperus x pfizeriana 'MonSan'	Sea of Gold Juniper	18" - 24" - B&B	5
36	JuvIT		juniperus virginiana taylor	Taylor Redcedar	5'-6' - B&B	4
20	ThocAB		Thuja occidentalis 'Art Boe'	North Pole Arborvitae	3' - 4' - B&B	4

Perennial Grass

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
4	PaviHR		Panicum virgatum 'Hot Rod'	Hot Rod Switch Grass	1-Gal - Cont	6
13	PaviN		Panicum virgatum 'Northwind'	Northwind Switch Grass	1-Gal - Cont	6

Perennial

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
27	HeNo		Hemerocallis x 'Nosferatu'	Trophytaker Nosferatu Daylily	1-Gal - Cont	6

Comments

1. Straight central leader, full & even crown. Prune only after planting.
2. Prune existing tree, remove any dead, diseased or hazardous limbs. Thin out as required and raise canopy for safety and viability for both pedestrians and motorists.
3. Remove tree in its entirety and grind stump to a minimum of 6" below adjacent grade. Remove grinding ships and fill hole with topsoil and sow turf grass seed as required.
4. Evenly shaped upright tree/shrub with full branching to the ground.
5. Full, well rooted plant, evenly shaped.
6. Full, well rooted plant.
7. Male only

LANDSCAPE PLAN CODED CONSTRUCTION NOTES

LANDSCAPE / SITE DEMOLITION CONTRACTOR TO VERIFY LOCATIONS OF EXISTING TREES TO BE SALVAGED AND CLEARLY TAG THEM WITH MARKING TAPE AND CONSTRUCTION FENCE.

LANDSCAPE INSTALLATION CONTRACTOR TO COORDINATE INSTALLATION OF NEW PLANT MATERIAL AND THE COORDINATION WITH EXISTING TREES TO BE SALVAGED.

1. PLANTING BED MULCH AREA. DRESS WITH 2"-3" OF SHREDDED HARDWOOD BARK MULCH. TAKE CARE WITH INSTALLATION NOT TO DAMAGE OR COVER PLANTS. REFER TO GENERAL NOTES AND SPECIFICATIONS FOR FURTHER INFORMATION.
2. EARTHEN BED EDGE (SHOVEL POINT) LANDSCAPE EDGE. TYPICAL ALL PLANT MATERIAL AREAS. DRESS WITH 2"-3" OF SHREDDED HARDWOOD BARK MULCH. REFER TO GENERAL NOTES AND SPECIFICATIONS FOR FURTHER INFORMATION.
3. MULCHED 4'-0" DIA. TREE RING BED AREA w/ EARTHEN BED EDGE (SHOVEL POINT) LANDSCAPE EDGE AS REQUIRED. DRESS WITH 2"-3" OF SHREDDED HARDWOOD BARK MULCH. REFER TO LSP1.2, GENERAL NOTES AND SPECIFICATIONS FOR FURTHER INFORMATION.
4. SEEDED AREAS OF TURF GRASS. REPAIR ANY AND ALL TURF DAMAGE FROM THE CONSTRUCTION PROCESS. IT IS VERY IMPORTANT TO FOLLOW THE MANUFACTURERS INSTALLATION INSTRUCTIONS REGARDING THE TURF GRASS FOR PROPER GERMINATION AND SURVIVABILITY OF THE SEED MIX AND REFER TO GENERAL NOTES FOR PREPARATION OF TOP SOIL AND SEED INSTALLATION. ALSO, REFER TO GRADING PLAN, GENERAL NOTES AND SPECIFICATIONS FOR FURTHER INFORMATION.

EXISTING TREE REMOVAL NOTE:
ANY AND ALL EXISTING TREE REMOVAL MUST BE COMMUNICATED AND COORDINATED WITH THE CITY OF MADISIN FORESTRY DEPARTMENT PRIOR TO THE PROJECT PLAN COMMISSION MEETING. IN THE EVENT THERE IS A NEED FOR ANY EXISTING TREES TO BE REMOVED, IT IS TO BE COORDINATED WITH FORESTRY AND SEPARATE COMMENTS MUST BE PROVIDED PRIOR TO ISSING A STREET TREE REMOVAL PERMIT.

EXCAVATION NOTE:
NO EXCAVATION IS PERMITTED WITHIN 5 FEET OF THE TRUNK OF THE STREET TREE OR WHEN CUTTING ROOTS OVER 3 INCHES IN DIAMETER. IF EXCAVATION IS NECESSARY, THE CONTRACTOR SHALL CONTACT MADISON CITY FORESTRY AT (608) 266-4816 PRIOR TO EXCAVATION. CITY OF MADISON FORESTRY PERSONNEL SHALL ASSESS THE IMPACT TO THE TREE AND TO ITS ROOT SYSTEM PRIOR TO WORK COMMENCING.

TREE PROTECTION NOTE:
STREET TREE PROTECTION ZONE FENCING IS REQUIRED FOR ALL EXISTING TREES. THE FENCING SHALL BE ERECTED BEFORE THE DEMOLITION, GRADING OR CONSTRUCTION BEGINS. THE FENCE SHALL INCLUDE THE ENTIRE WIDTH OF TERRACE AND, EXTEND AT LEAST 5 FEET ON BOTH SIDES OF THE OUTSIDE EDGE OF THE TREE TRUNK. DO NOT REMOVE THE FENCING TO ALLOW FOR DELIVERIES OR EQUIPMENT ACCESS THROUGH THE TREE PROTECTION ZONE. REFER TO 4/LSP1.2 FOR FOR FURTHER INFORMATION.

INSITE LANDSCAPE DESIGN
Landscape Consulting & Master Planning Design Sevices
11525 W. North Avenue, Suite 1B
Wauwatosa, WI 53226
Tel (414) 476-1204
www.insitedesigninc.com
mdavis@insitedesigninc.com

Project:

MELVIN COURT CARWASH

3206 E. Washington Avenue
Madison, WI 53704

Issuance and Revisions:

Date	Number	Description
08/08/22		Plan Commission Submittal
09/26/22		Revisions Based on UDC Comments
09/29/22		Construction Document Submittal

Sheet Title:

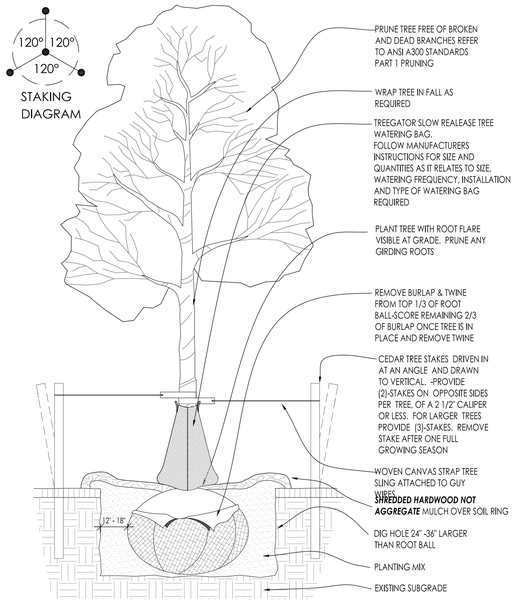
PROPOSED LANDSCAPE PLAN, GENERAL NOTES, AND PLANT MATERIAL TABLE

Date of Drawing: 09/26/22
Scale: 1" = 10'-0"
Drawn By: MCD
Job Number: L22-059
Sheet Number:

LSP1.1

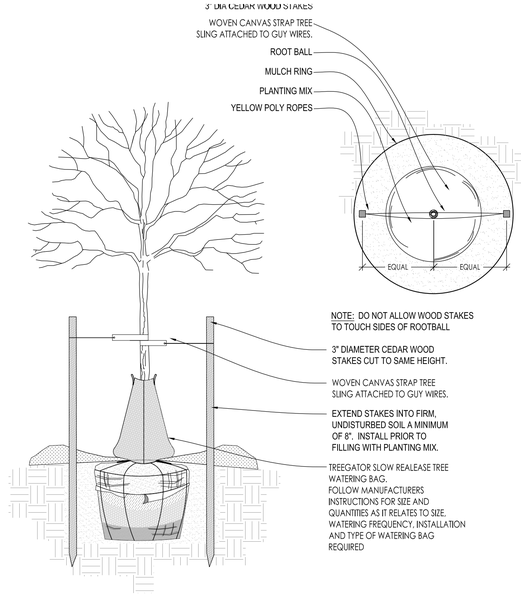
NOT FOR CONSTRUCTION - PRELIMINARY - FOR ESTIMATING AND REVIEW ONLY- DO NOT SCALE THESE DRAWINGS-
These progress documents reflect progress & intent & may be subject to change, including additional notes and detail. These are not final construction documents and should not be used for final bidding or construction-related purposes.

L22-059 - MELVIN COURT CARWASH - 09/26/2022



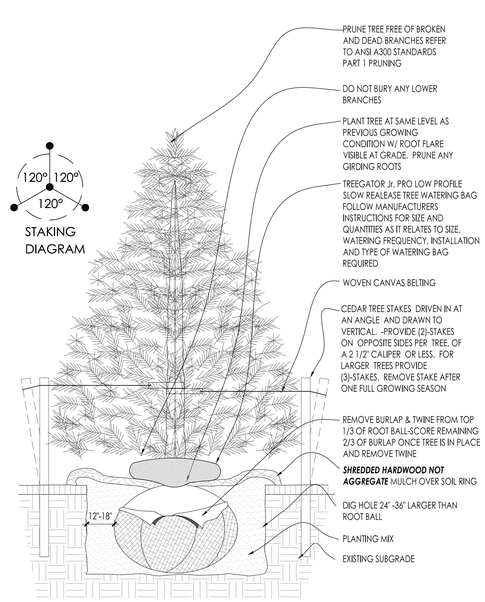
1 DECIDUOUS TREE PLANTING DETAIL

SCALE: NONE



2 DECIDUOUS TREE STAKING
PARKING ISLAND/RESTRICTED AREAS

SCALE: NONE



3 CONIFEROUS TREE PLANTING DETAIL

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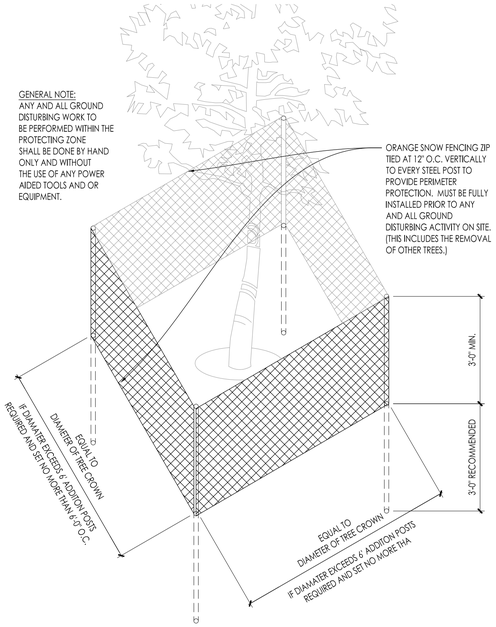

4 EXISTING TREE PROTECTION DETAIL

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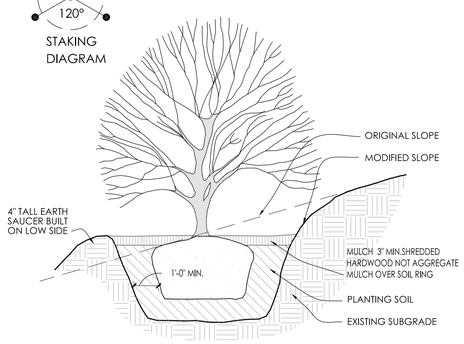
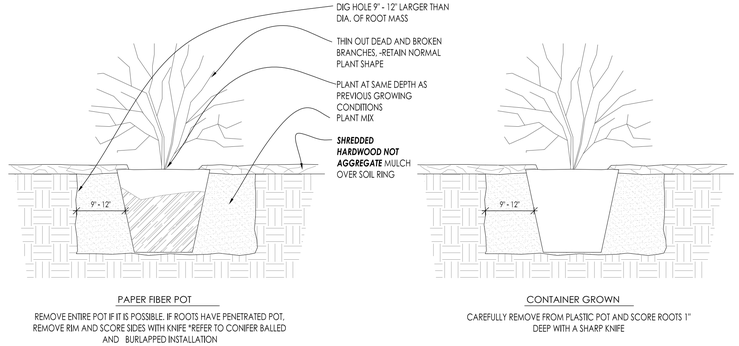


5 SLOPE PLANTING DETAIL

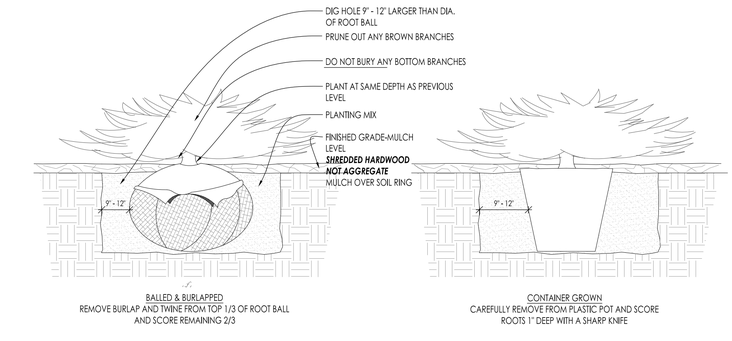
SCALE: NONE

REFER TO TYPICAL DECIDUOUS TREE DETAIL FOR STAKING



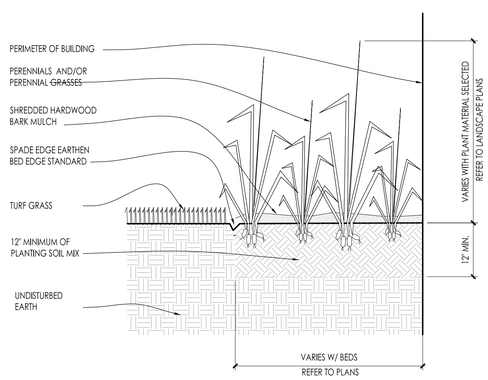
6 DECIDUOUS SHRUB PLANTING DETAIL

SCALE: NONE



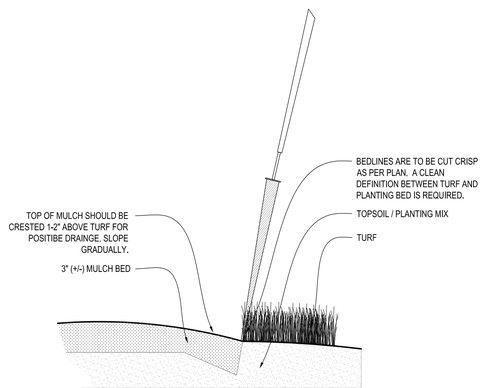
7 CONIFEROUS SHRUB PLANTING DETAIL

SCALE: NONE



8 PERENNIAL BED PLANTING DETAIL

SCALE: NONE



9 SPADE EDGE PLANT BED EDGE DETAIL

SCALE: NONE

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Sheet Title:

PROPOSED LANDSCAPE PLAN, PLANTING DETAILS

Date of Drawing:	09/26/22
Scale:	As Noted
Drawn By:	MCD
Job Number:	L22-059
Sheet Number:	LSP1.2

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L22-059 - MELVIN COURT CARWASH - 09/26/2022

CITY OF MADISON
LANDSCAPE WORKSHEET

Section 28.142 Madison General Ordinance

Project Location / Address 3206 E. Washington Avenue Madison, WI 53704

Name of Project MELVIN COURT CARWASH

Owner / Contact _____

Contact Phone _____ Contact Email _____

**** Landscape plans for zoning lots greater than ten thousand (10,000) square feet in size MUST be prepared by a registered landscape architect. ****

Applicability

The following standards apply to all exterior construction and development activity, including the expansion of existing buildings, structures and parking lots, except the construction of detached single-family and two-family dwellings and their accessory structures. The entire development site must be brought up to compliance with this section unless **all** of the following conditions apply, in which case only the affected areas need to be brought up to compliance:

(a) The area of site disturbance is less than ten percent (10%) of the entire development site during any ten-(10) year period.

(b) Gross floor area is only increased by ten percent (10%) during any ten-(10) year period.

(c) No demolition of a principal building is involved.

(d) Any displaced landscaping elements must be replaced on the site and shown on a revised landscaping plan.

Landscape Calculations and Distribution

Required landscaped areas shall be calculated based upon the total developed area of the property. Developed area is defined as that area within a single contiguous boundary which is made up of structures, parking, driveways and docking/loading facilities, but excluding the area of any building footprint at grade, land designated for open space uses such as athletic fields, and undeveloped land area on the same zoning lot. There are three methods for calculating landscape points depending on the size of the lot and Zoning District.

(a) For all lots except those described in (b) and (c) below, five (5) landscape points shall be provided for each three hundred (300) square feet of developed area.

Total square footage of developed area 20,827 SQ. FT.

Total landscape points required 348 landscape points

(b) **For lots larger than five (5) acres**, points shall be provided at five (5) points per three hundred (300) square feet for the first five (5) developed acres, and one (1) point per one hundred (100) square feet for all additional acres.

Total square footage of developed area _____

Five (5) acres = 217,800 square feet

First five (5) developed acres = 3,630 points

Remainder of developed area _____

Total landscape points required _____

(c) **For the Industrial – Limited (IL) and Industrial – General (IG) districts**, one (1) point shall be provided per one hundred (100) square feet of developed area.

Total square footage of developed area _____

Total landscape points required _____

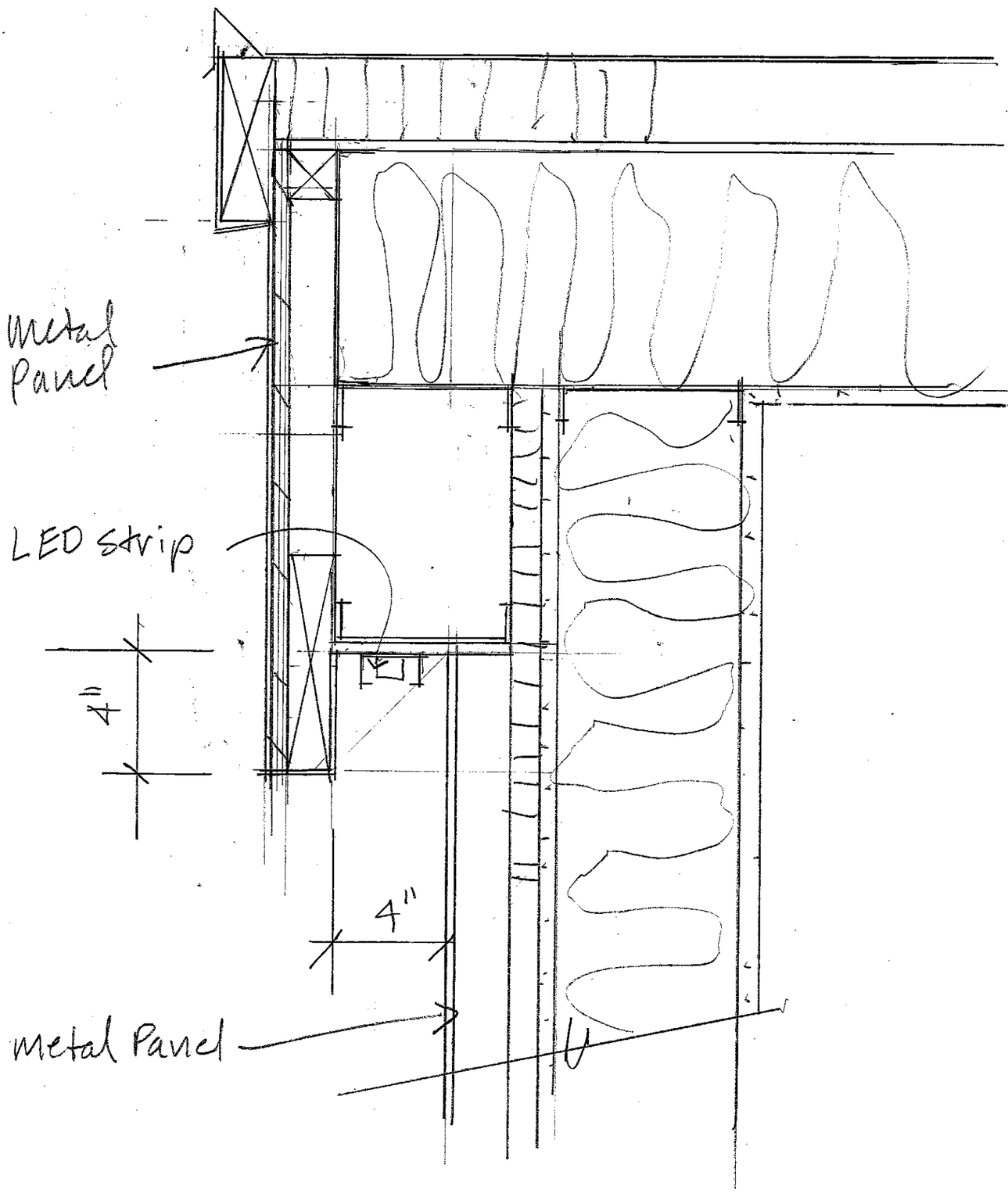
Tabulation of Points and Credits

Use the table to indicate the quantity and points for all existing and proposed landscape elements.

Plant Type/ Element	Minimum Size at Installation	Points	Credits/ Existing Landscaping		New/ Proposed Landscaping	
			Quantity	Points Achieved	Quantity	Points Achieved
Overstory deciduous tree	2½ inch caliper measured diameter at breast height (dbh)	35			10	350
Tall evergreen tree (i.e. pine, spruce)	5-6 feet tall	35			3	105
Ornamental tree	1 1/2 inch caliper	15			1	15
Upright evergreen shrub (i.e. arborvitae)	3-4 feet tall	10			61	610
Shrub, deciduous	#3 gallon container size, Min. 12"-24"	3			50	150
Shrub, evergreen	#3 gallon container size, Min. 12"-24"	4			40	160
Ornamental grasses/ perennials	#1 gallon container size, Min. 8"-18"	2			44	88
Ornamental/ decorative fencing or wall	n/a	4 per 10 lineal ft.			-	-
Existing significant specimen tree	Minimum size: 2 ½ inch caliper dbh. *Trees must be within developed area and cannot comprise more than 30% of total required points.	14 per caliper inch dbh. Maximum points per tree: 200			-	-
Landscape furniture for public seating and/or transit connections	* Furniture must be within developed area, publically accessible, and cannot comprise more than 5% of total required points.	5 points per "seat"			-	-
Sub Totals				0		1,478

Total Number of Points Provided 1,478

* As determined by ANSI, ANLA- American standards for nursery stock. For each size, minimum plant sizes shall conform to the specifications as stated in the current American Standard for Nursery Stock.

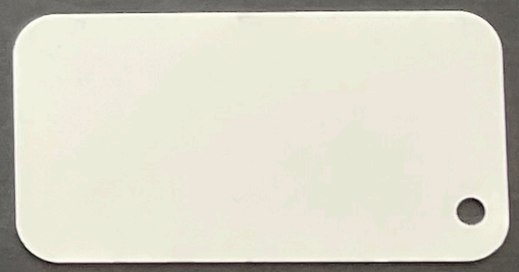


Roof Edge w/ Light Cove

Melvin Ct Car Wash

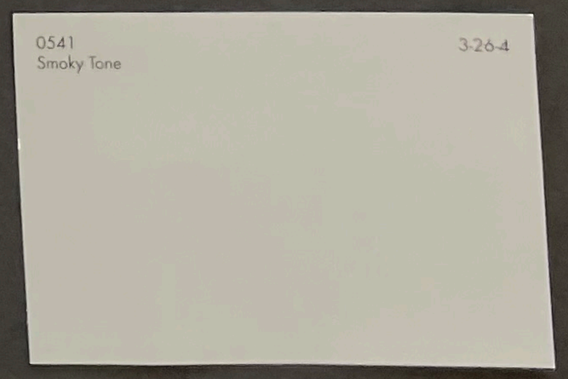
8/22/22

Aluminum storefront and flush sheet metal ACM panels clear anodized aluminum



White sheet metal fascia and canopy painted bone white

Flush aluminum ACM panels painted bright red



Split face concrete block and scored concrete block painted Smokey Tone

RENNER
architects
Renner Architects - 414.273.6637 - kerry@rennerarchitects.com

Melvin Ct Car Wash

SHEET 10
Date: 18 August 2022

Catalog #: _____ Project: _____

Prepared By: _____ Date: _____ Type: _____

Mirada Small Area (MRS)

Outdoor LED Area Light

IP66

OVERVIEW	
Lumen Package	6,000 - 24,000
Wattage Range	41 - 196
Efficacy Range (LPW)	112 - 156
Fixture Weight lbs (kg)	20 (9.1)

QUICK LINKS

Ordering Guide | Performance | Photometrics | Dimensions

FEATURES & SPECIFICATIONS

Construction

- Rugged die-cast aluminum housing contains factory prewired driver and optical unit. Cast aluminum wiring access door located underneath.
- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory.
- Shipping weight: 27 lbs in carton.

Optical System

- State-of-the-Art one piece silicone optic sheet delivers industry leading optical control with an integrated gasket to provide IP66 rated seal.
- Proprietary silicone refractor optics provide exceptional coverage and uniformity in distribution types 2, 3, 5W, and FT.
- Silicone optical material does not yellow or crack with age and provides a typical light transmittance of 93%.
- Zero uplight.
- Available in 5000K, 4000K, and 3000K color temperatures per ANSI C78.377
- Minimum CRI of 70.
- Integral louver (IL) and house-side shield (IH) options available for improved backlight control without sacrificing street side performance. See page 3 for more details.

Electrical

- High-performance driver features over-voltage, under-voltage, short-circuit and over temperature protection.
- 0-10V dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 VAC) Input 50/60 Hz or optional High Voltage (347-480 VAC).
- L70 Calculated Life: >60k Hours
- Total harmonic distortion: <20%
- Operating temperature: -40°C to +50°C (-40°F to +122°F).
- Power factor: >.90
- Input power stays constant over life.
- Field replaceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- High-efficacy LEDs mounted to metal-core circuit board to maximize heat dissipation
- Driver is fully encased in potting material for moisture resistance and complies with FCC standards. Driver and key electronic components can easily be accessed.

Controls

- Optional integral passive infrared Bluetooth™ motion and photocell sensor. Fixtures operate independently and can be commissioned via iOS or Android configuration app.
- LSI's AirLink™ wireless control system options reduce energy and maintenance costs while optimizing light quality 24/7.

Installation

- Designed to mount to square or round poles.
- A single fastener secures the hinged door, underneath the housing and provides quick & easy access to the electrical compartment.
- Included terminal block accepts up to 12 ga. wire.
- Utilizes LSI's traditional B3 drill pattern.

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to https://www.lsicorp.com/resources/terms-conditions-warranty/ for more information.

Listings

- Listed to UL 1598 and UL 8750.
- Meets Buy American Act requirements.
- IDA compliant; with 3000K color temperature selection.
- Title 24 Compliant; see local ordinance for qualification information.
- Suitable for wet locations.
- IP66 rated Luminaire per IEC 60598-1.
- 3G rated for ANSI C136.31 high vibration applications are qualified.
- DesignLights Consortium® Listings in progress.

Specifications and dimensions subject to change without notice.

Type: _____

Mirada Small Area Light (MRS)

ORDERING GUIDE

Back to Quick Links

TYPICAL ORDER EXAMPLE: **MRS LED 18L SIL FT UNV DIM 40 70CRI ALBCS1 BLK IH**

Luminaire Prefix	Light Source	Lumen Package	Lens	Distribution	Orientation[2]	Voltage	Driver
MRS - Mirada Small Area Light	**LED**	**6L** - 6,000 lms **9L** - 9,000 lms **12L** - 12,000 lms **15L** - 15,000 lms **18L** - 18,000 lms **21L** - 21,000 lms **24L** - 24,000 lms Custom Lumen Packages[1]	**SIL** - Silicone	**2** - Type 2 **3** - Type 3 **5W** - Type 5 Wide **FT** - Forward Throw	**(blank)** - standard **L**- Optics rotated left 90° **R** - Optics rotated right 90°	**UNV** - Universal Voltage (120-277V) **HV** - High Voltage (347-480V)	**DIM** - 0-10V Dimming (0-10%)

Color Temp	Color Rendering	Controls (Choose One)	Finish	Options
50 - 5,000 CCT **40** - 4,000 CCT **30** - 3,000 CCT	**70CRI** - 70 CRI	**(Blank)** - None **Wireless Controls System** **ALSC** - AirLink Synapse Control System **ALSCS2** - AirLink Synapse Control System with 12-20' MH Motion Sensor **ALSCS4** - AirLink Synapse Control System with 20-40' MH Motion Sensor **ALBCS1** - AirLink Blue Wireless Motion & Photo Sensor Controller (8-24' MH) **ALBCS2** - AirLink Blue Wireless Motion & Photo Sensor Controller (25-40' MH) **Stand-Alone Controls** **EXT** - 0-10v Dimming leads extended to housing exterior **CR7P** - 7 Pin Control Receptacle ANSI C136.41 [3] **IMSBT1** - Integral Bluetooth™ Motion and Photocell Sensor (8-24' MH)[4] **IMSBT2** - Integral Bluetooth™ Motion and Photocell Sensor (25-40' MH)[4]	**BLK** - Black **BRZ** - Dark Bronze **GMG** - Gun Metal Gray **GPT** - Graphite **MSV** - Metallic Silver **PLP** - Platinum Plus **SVG** - Satin Verde Green **WHT** - White	**(Blank)** - None **IH** - Integral Houseside Shield[2] **IL** - Integral Louver (Sharp Spill Light Cutoff)[2]

Accessory Ordering Information[5]

Controls Accessories

Description	Order Number
Twist Lock Photocell (120V) for use with CR7P	122514
Twist Lock Photocell (208-277) for use with CR7P	122515
Twist Lock Photocell (347V) for use with CR7P	122516
Twist Lock Photocell (480V) for use with CR7P	1225180
AirLink 5 Pin Twist Lock Controller	661409
AirLink 5 Pin Twist Lock Controller	661410
Pole-Mounted Occupancy Sensor (24V)	663284CLR[6]
Shorting Cap for use with CR7P	149328

Mounting Accessories

Description	Order Number[6]
Universal Mounting Bracket	684616CLR
Adjustable Slip Fitter (2" - 2 3/8" Tenon)	688138CLR
Horizontal Slip Fitter (2" - 2 3/8" Tenon)	652761CLR
Quick Mount Pole Bracket (Square Pole)	687073CLR
Quick Mount Pole Bracket (4-5" Round Pole)	689903CLR
15 Tilt Quick Mount Pole Bracket (Square Pole)	688003CLR
15 Tilt Quick Mount Pole Bracket (4-5" Round Pole)	689905CLR
Wall Mount Bracket	382132CLR
Integral Louver/Shield	TBD
Internal Houseside Shield	TBD

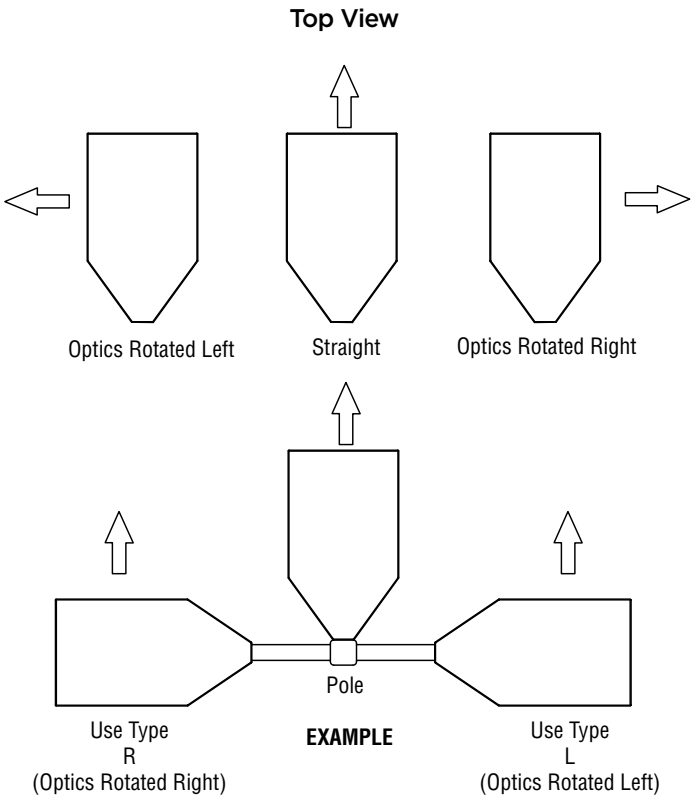
Fusing Accessories[7]

Description	Order Number
Single Fusing (120V)	FK120
Single Fusing (277V)	FK277
Double Fusing (480V)	DFK480
Double Fusing (347V)	DFK347

FOOTNOTES:
1. Custom lumen and wattage packages available, consult factory. Values are within industry standard tolerances but not DLC listed.
2. Not available on "Type 5W" distribution.
3. Control device or shorting cap must be ordered separately. See Accessory Ordering Information.
4. IMSBT is field configurable via the LSI app that can be downloaded from your smartphone's native app store. Consult Facotry for 347-480V.
5. Accessories are shipped separately and field installed.
6. "CLR" denotes finish. See Finish options.
7. Fusing must be located in hand hole of pole.

Mirada Small Area Light (MRS)

OPTICS ROTATION



ACCESSORIES/OPTIONS

Integral Louver (IL) and House-Side Shield (IH)

Accessory louver and shield available for improved backlight control without sacrificing street side performance. LSI's Integral Louver (L) and Integral House-Side Shield (IH) options deliver backlight control that significantly reduces spill light behind the poles for applications with pole locations close to adjacent properties. The design maximizes forward reflected light while reducing glare, maintaining the optical distribution selected, and most importantly eliminating light trespass. Both options rotate with the optical distribution.

Luminaire Shown with Integral Louver (IL)

Luminaire Shown with IMSBT Option

7 Pin Photoelectric Control

7-pin ANSI C136.41-2013 control receptacle option available for twist lock photocontrols or wireless control modules. Control accessories sold separately. Dimming leads from the receptacle will be connected to the driver dimming leads (Consult factory for alternate wiring).

Luminaire Shown with CR7P

PERFORMANCE

Delivered Lumens*											
Lumen Package	Distribution	CRI	3000K CCT			4000K CCT			5000K CCT			Wattage
			Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	
6L	2	70	6045	148	B2-U0-G1	6268	154	B2-U0-G1	6253	153	B2-U0-G1	41
	3		6145	151	B1-U0-G2	6372	156	B1-U0-G2	6357	156	B1-U0-G2	
	5W		5812	142	B3-U0-G1	6,026	148	B3-U0-G1	6012	147	B3-U0-G1	
	FT		5947	146	B1-U0-G1	6166	151	B1-U0-G1	6152	151	B1-U0-G1	
9L	2	70	9091	145	B2-U0-G2	9484	152	B2-U0-G2	9462	151	B2-U0-G2	63
	3		9241	148	B2-U0-G2	9641	154	B2-U0-G2	9619	154	B2-U0-G2	
	5W		8740	140	B3-U0-G2	9,118	146	B3-U0-G2	9097	144	B3-U0-G2	
	FT		8943	143	B2-U0-G2	9330	149	B2-U0-G2	9308	149	B2-U0-G2	
12L	2	70	12132	141	B3-U0-G2	12685	148	B3-U0-G2	12514	146	B3-U0-G2	86
	3		12333	143	B2-U0-G2	12894	150	B2-U0-G2	12721	148	B2-U0-G2	
	5W		11664	136	B4-U0-G2	12195	142	B4-U0-G2	12031	140	B4-U0-G2	
	FT		11935	139	B2-U0-G2	12479	145	B2-U0-G2	12311	143	B2-U0-G2	
15L	2	70	14220	128	B3-U0-G2	15167	137	B3-U0-G2	14488	131	B3-U0-G2	111
	3		14938	135	B2-U0-G2	15933	144	B2-U0-G2	15219	137	B2-U0-G2	
	5W		14304	129	B4-U0-G2	15257	137	B4-U0-G2	14574	131	B4-U0-G2	
	FT		14342	129	B2-U0-G2	15297	138	B2-U0-G2	14612	132	B2-U0-G2	
18L	2	70	16438	122	B3-U0-G3	17532	130	B3-U0-G3	16747	124	B3-U0-G3	135
	3		17267	128	B3-U0-G3	18417	137	B3-U0-G3	17592	131	B3-U0-G3	
	5W		16535	123	B4-U0-G2	17636	133	B5-U0-G3	16846	125	B4-U0-G2	
	FT		16578	123	B3-U0-G3	17682	131	B3-U0-G3	16890	125	B3-U0-G3	
21L	2	70	19488	118	B3-U0-G3	20786	126	B3-U0-G3	19885	120	B3-U0-G3	165
	3		20472	124	B3-U0-G3	21835	132	B3-U0-G3	20857	126	B3-U0-G3	
	5W		19604	119	B5-U0-G3	20,909	126	B5-U0-G3	19973	121	B5-U0-G3	
	FT		19655	119	B3-U0-G4	20964	127	B3-U0-G4	20025	121	B3-U0-G4	
24L	2	70	21976	112	B3-U0-G3	23439	120	B3-U0-G3	22390	114	B3-U0-G3	196
	3		23085	118	B3-U0-G3	24622	126	B3-U0-G3	23519	120	B3-U0-G3	
	5W		22105	113	B5-U0-G3	23578	120	B5-U0-G3	22522	115	B5-U0-G3	
	FT		22164	113	B3-U0-G3	23640	121	B3-U0-G3	22581	115	B3-U0-G3	

*LEDs are frequently updated therefore values are nominal.

ELECTRICAL DATA (AMPS)*						
Lumens	120V	208V	240V	277V	347V	480V
6L	0.34	0.20	0.17	0.15	0.12	0.09
9L	0.52	0.30	0.26	0.23	0.18	0.13
12L	0.72	0.41	0.36	0.31	0.25	0.18
15L	0.93	0.53	0.46	0.40	0.32	0.23
18L	1.12	0.65	0.56	0.49	0.39	0.28
21L	1.38	0.80	0.69	0.60	0.48	0.34
24L	1.63	0.94	0.82	0.71	0.56	0.41

*Electrical data at 25°C (77°F). Actual wattage may differ by +/-10%

RECOMMENDED LUMEN MAINTENANCE[1]					
Ambient Temp	Lumen Multiplier				
C	0 hrs.[2]	25K hrs.[2]	50K hrs.[2]	75K hrs.[3]	100K hrs.[3]
0 C - 25 C	100%	95%	89%	94%	79%
40 C	100%	94%	87%	80%	74%

FOOTNOTES:

1. Lumen maintenance values at 25°C are calculated per TM-21 based on LM-80 data and in-situ luminaire testing.
2. In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times (6X)the IESNA LM-80-08 total test duration (in hours) for the device under testing ((DUT) i.e. the packaged LED chip).
3. In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times NA LM-80-08 total test duration (in hours) for the device under testing ((DUT) i.e. the packaged LED chip).

PHOTOMETRICS

Back to Quick Links

Luminaire photometry has been conducted by a NVLAP accredited testing laboratory in accordance with IESNA LM-79-08. As specified by IESNA LM-79-08 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%.

See http://www.lsi-industries.com/products/led-lighting-solutions.aspx for detailed photometric data.

MRS-LED-18L-SIL-2-40-70CRI

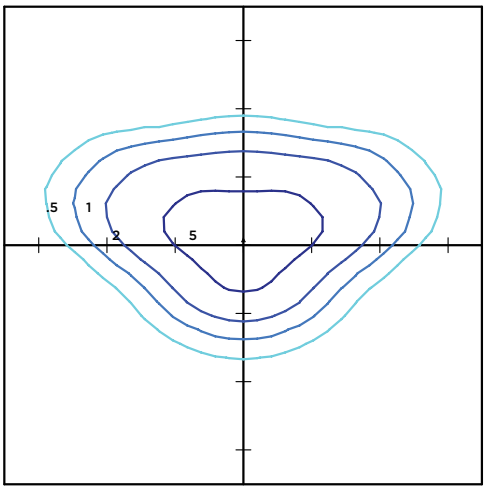
LUMINAIRE DATA

Type 2 Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	17,532
Watts	135
Efficacy	130
IES Type	Type II - Short
BUG Rating	B3-U0-G3

Zonal Lumen Summary

Zone	Lumens	%Luminaire
Low (0-30)°	2831	16%
Medium (30-60)°	10310	59%
High (60-80)°	4208	24%
Very High (80-90)°	184	1%
Uplight (90-180)°	0	0%
Total Flux	17532	100%

ISO FOOTCANDLE



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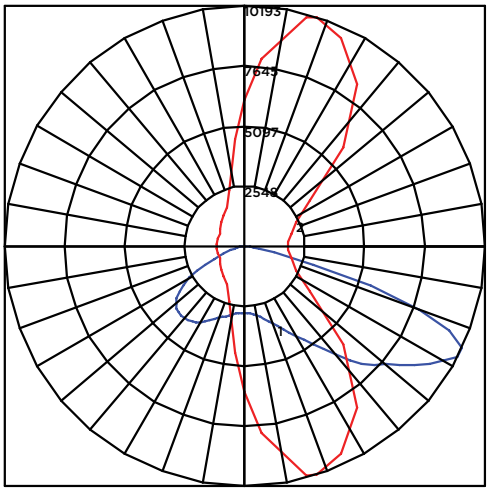


20' Mounting Height/20' Grid Spacing

5 FC **2 FC** **1 FC** **0.5 FC**

MRS-LED-18L-SIL-3-40-70CRI

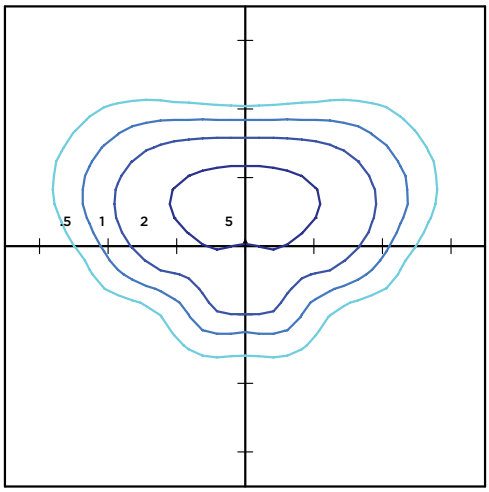
LUMINAIRE DATA

Type 3 Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	18,417
Watts	135
Efficacy	137
IES Type	Type III - Short
BUG Rating	B3-U0-G3

Zonal Lumen Summary

Zone	Lumens	%Luminaire
Low (0-30)°	2329	13%
Medium (30-60)°	10634	61%
High (60-80)°	5246	30%
Very High (80-90)°	208	1%
Uplight (90-180)°	0	0%
Total Flux	18417	100%

ISO FOOTCANDLE



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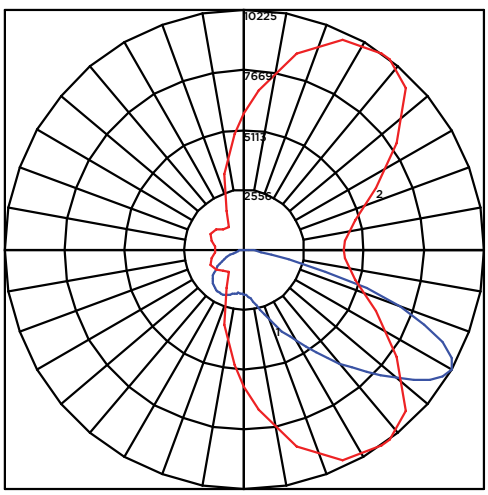


20' Mounting Height/20' Grid Spacing

5 FC **2 FC** **1 FC** **0.5 FC**

PHOTOMETRICS (CONT)

MRS-LED-18L-SIL-FT-40-70CRI

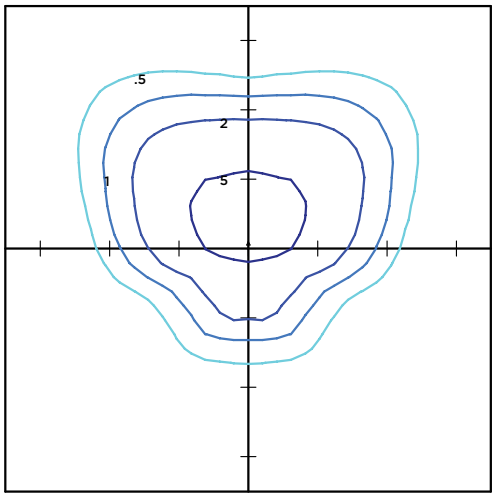
LUMINAIRE DATA

Type FT Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	17,682
Watts	135
Efficacy	131
IES Type	Type III - Short
BUG Rating	B3-U0-G2

Zonal Lumen Summary

Zone	Lumens	%Luminaire
Low (0-30)°	2255	13%
Medium (30-60)°	9463	54%
High (60-80)°	5696	32%
Very High (80-90)°	268	2%
Uplight (90-180)°	0	0%
Total Flux	17682	100%

ISO FOOTCANDLE



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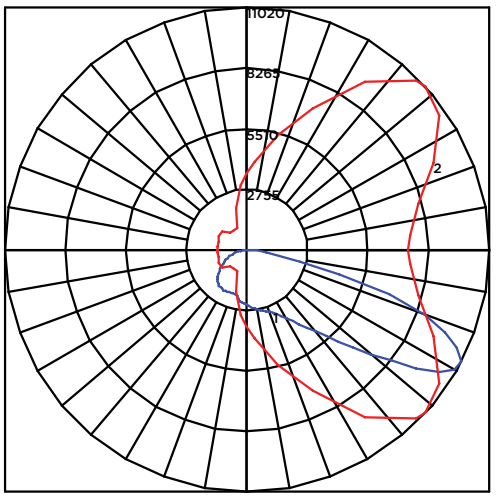


20' Mounting Height/20' Grid Spacing

5 FC 2 FC 1 FC 0.5 FC

MRM-LED-30L-SIL-5W-40-70CRI

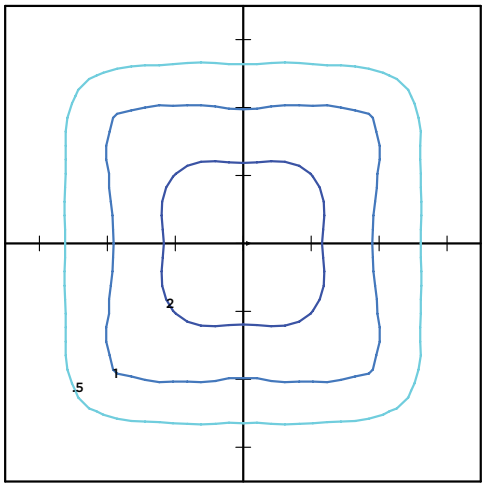
LUMINAIRE DATA

Type 5W Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	17,636
Watts	135
Efficacy	131
IES Type	Type VS - Short
BUG Rating	B4-U0-G2

Zonal Lumen Summary

Zone	Lumens	%Luminaire
Low (0-30)°	1646	9%
Medium (30-60)°	7453	43%
High (60-80)°	8405	48%
Very High (80-90)°	132	1%
Uplight (90-180)°	0	0%
Total Flux	17636	100%

ISO FOOTCANDLE



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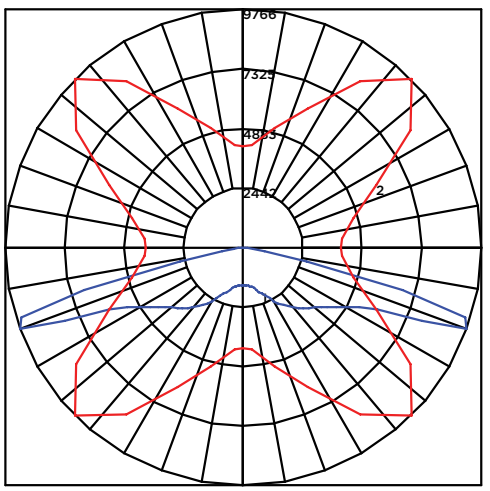

20' Mounting Height/20' Grid Spacing

5 FC 2 FC 1 FC 0.5 FC

Mirada Small Area Light (MRS)

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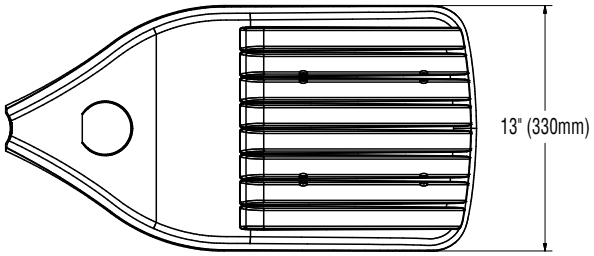
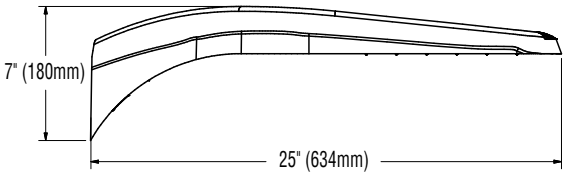
PRODUCT DIMENSIONS

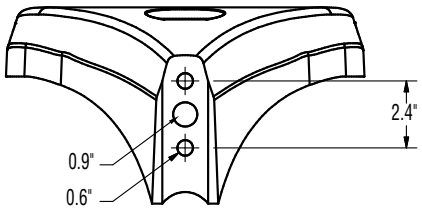




LUMINAIRE EPA CHART - MRS

Tilt Degree		0°	30°	45°
	Single	0.5	1.3	1.8
	D180°	0.9	1.3	1.8
	D90°	0.9	1.8	2.2

Tilt Degree		0°	30°	45°
	T90°	1.4	2.3	2.6
	TN120°	1.4	1.9	2.3
	Q90°	1.4	2.3	2.6



B3 Drill Pattern

CONTROLS

AirLink Wireless Lighting Controller

The AirLink integrated controller is a California Title 24 compliant lighting controller that provides real-time light monitoring and control with utility-grade power monitoring. It includes a 24V sensor input and power supply to connect a sensor into the outdoor AirLink wireless lighting system. The wireless integrated controller is compatible with this fixture.

Click here to learn more about AirLink.

Integral Bluetooth™ Motion and Photocell Sensor (IMSBT)

Slim low profile sensor provides multi-level control based on motion and/or daylight. Sensor controls 0-10 VDC LED drivers and is rated for cold and wet locations (-30° C to 70° C). Two unique PIR lenses are available and used based on fixture mounting height. All control parameters are adjustable via an iOS or Android App capable of storing and transmitting sensor profiles.

Click here to learn more about IMSBT.

AirLink Blue

Wireless Bluetooth Mesh Outdoor Lighting Control System that provides energy savings, code compliance and enhanced safety/security for parking lots and parking garages. Three key components; Bluetooth wireless radio/sensor controller, Time Keeper and an iOS App. Capable of grouping multiple fixtures and sensors as well as scheduling time-based events by zone. Radio/Sensor Controller is factory integrated into Area/Site, Wall Mounted, Parking Garage and Canopy luminaires.

Click here to learn more about AirLink Blue.

Mirada Small Area Light (MRS)

POLES & BRACKETS

LSI offers a full line of poles and mounting accessories to complete your lighting assembly. Aluminum and steel in both square and round shafts. In addition, LSI offers round tapered, fluted and hinge based poles. Designed and engineered for durability and protected with our oven baked DuraGrip Protection System. Also available with our DuraGrip+ Protection system for unmatched corrosion resistance and an extended warranty. American made in our Ohio facility with industry leading lead times.

Click here to learn more details about poles & brackets.

BKA UMB CLR

The 3G rated UMB allows for seamless integration of LSI luminaires onto existing/ retrofit or new construction poles. The UMB was designed for square or round (tapered or straight) poles with two mounting hole spacings between 3.5" – 5".

BKA ASF CLR

The adjustable Slip Fitter is a 3G rated rugged die cast aluminum adapter to mount LSI luminaires onto a onto a 2" iron pipe , 2 3/8 OD tenon. The Adjustable Slip Fitter can be rotated 180° allowing for tilting LSI luminaires up to 45° and 90° when using a vertical tenon.

BKS PQM15 CLR

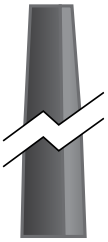
The Pole Quick Mount Bracket allows for preset 15° uptilt of LSI luminaires for greater throw of light and increased vertical illumination as well as fast installation onto poles with LSI's 3" or 5" bolt pattern.

BKS PQMH CLR

The Pole Quick Mount Bracket allows for lightning fast installation of LSI luminaires onto existing and new construction poles with LSI's B3 or B5 standard pole bolt patterns.

Square Pole
14'-39'

Round Pole
10'-30'



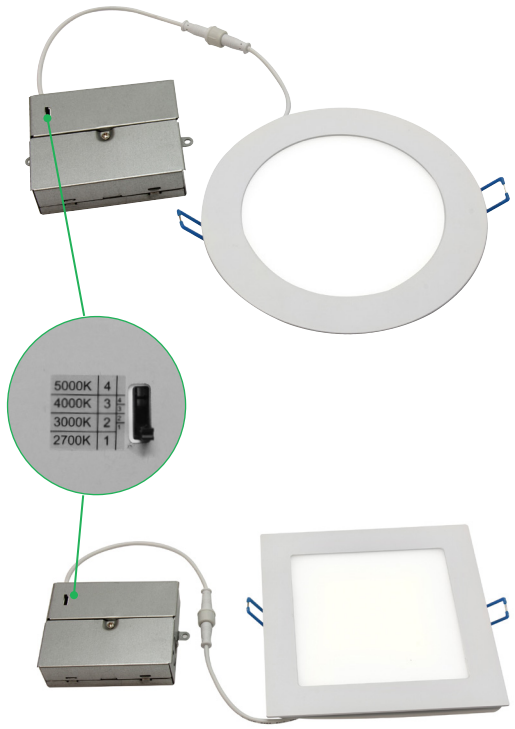
Tapered Pole
20'-39'

PROJECT NAME:_____ CAT. #: _____

NOTES:_____ FIXTURE SCHEDULE:_____

Slim Downlight Flush Style

SDL Series CCT Selectable



Description:

The CCT Selectable Slim Downlights mount directly into the ceiling, requiring no can. With a simple flick of a switch on the remote driver junction box, installers can choose from 2700K, 3000K, 4000K or 5000K as CCT to suit various application needs. Low profile and easy to install, the Flush style fixture is Energy Star, Wet locations, IC rated and supports Title 24. Its edge lit optics provide an even and low glare illumination with an outstanding color rendering, making it the ideal choice for hospitality, retail, offices and multi-unit residential spaces.

Features:

- 2700K/ 3000K/ 4000K/ 5000K CCT Selectable
- CRI: ≥90
- Beam angle: ~110°
- Mounts into ceiling without the use of separate housing
- Field installable Emergency Battery back up kit available (includes a test switch and the charge indicator kit, no cover)
- Universal mounting plate available
- Goof rings available for additional coverage

Dimming:

- 120V, Triac dimming (10%)

Construction:

- Module construction includes LED, lens, and white trim
- Impact-resistant plastic lens

Listings:

- ETL Listed for wet locations
- ENERGY STAR certified
- IC rated
- Airtight construction
- Supports T24 Part 6 high efficacy lighting requirements

Ordering Structure

FAMILY	SHAPE	SIZE	WATTAGE	CS	TRIM	CRI/JA8
SDL= Slim Downlight Series, Flush Style	**R=** Round **S=** Square	**4=** 4 in.	**13=** 13W	**CS=** 2700K/ 3000K/ 4000K/ 5000K	**W=** White	**J=** 90 CRI; T24-JA8-2016 compliant
		6= 6 in.	**16=** 16W			
		8= 8 in.	**20=** 20W			

Stocked Items

ORDER CODE	MODEL NUMBER	ENERGY STAR #
102887	SDLR413CSWJ	2340215
102888	SDLR616CSWJ	2340216
102889	SDLR820CSWJ	2340217
102890	SDLS413CSWJ	2340211
102891	SDLS616CSWJ	2340212
102892	SDLS820CSWJ	2340214

Dimming Compatibility

DIMMER MODELS	
Leviton	6684, 6672, IPL06, 6681, 6683-10Z
Lutron	S-600, VWCL-153PH, S-600H, D-600RH-DK, SCL-153P, D-600R, DVCL-153PH, S-600-IV, S-600-AL, DVCL 153P, DVWCL-153PH, AYCL-153P, MACL-153MR, AYCL-153PH, MACL-153MH, DVCL-253PH, MSCL-OP153MH, TGCL-153PH, MACL-153MLH, MAESTRO MA-PRO
Legrand	6684, 6672, IPL06, 6681, 6683-10Z

5-year standard warranty with labor allowance* (further details available at www.maxlite.com/warranties)
Product may be eligible for a warranty extension to 10 years, for an additional fee. Contact MaxLite for details.

MaxLite®

Slim Downlight Flush Style

SDL Series CCT Selectable

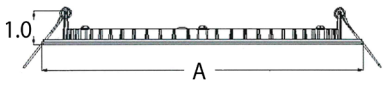
Accessories

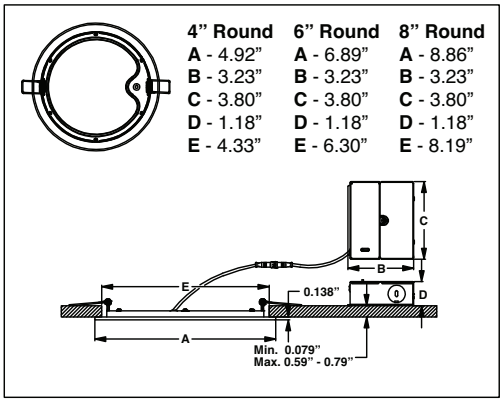
ORDER CODE	MODEL NUMBER	DESCRIPTION	IMAGE
105886	SD-UNVTEMPLATE	Rough in template, Universal 4", 6", 8" (round models)	
14098874	RCF-4	4" Round Commercial Recessed Frame, New Construction	
14098875	RCF-6	6" Round Commercial Recessed Frame New Construction	
14098876	RCF-8	8" Round Commercial Recessed Frame, New Construction	
100298	EBUUP15007N0100	Emergency Battery Back up, 07W, 100-347V, Field installable	
105651	SD-EXTCABLE24	Extension Cable, 24" Plenum Rated F1 (Interconnect up to Qty 3)	
14099684	RR-XRING6	6" Extra Wide Trim Ring	
14099685	RR-XRING8	8" Extra Wide Trim Ring	

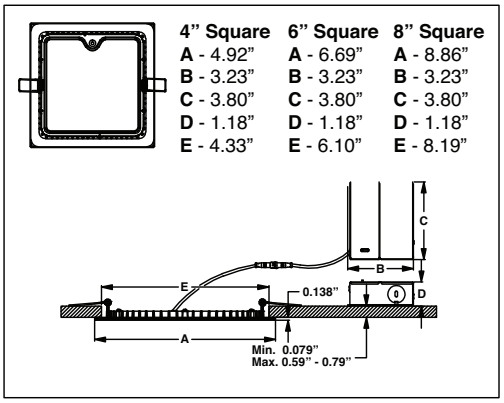
Specifications

	SDLR413CSWJ	SDLR616CSWJ	SDLR820CSWJ	SDLS413CSWJ	SDLS616CSWJ	SDLS820CSWJ
Power Consumption	13W	16W	20W	13W	16W	20W
Lumens Delivered	796 lm	1126 lm	1520 lm	836 lm	1126 lm	1516 lm
Lumens Battery Mode	540 lm	640 lm	670 lm	540 lm	640 lm	670 lm
Efficacy	66 lm/w	71 lm/w	77 lm/w	66 lm/w	71 lm/w	76 lm/w
CRI	≥ 90					
Color Temperature (K)	2700K/3000K/4000K/5000K (Default is 3000K)					
L70 Lumen maintenance	≥ 50,000					
Power Factor	≥ 0.9					
Input Voltage	120V, Triac dimming, 10%					
Operating Temperature	-4°F - 104°F					
Humidity	20-85% RH, non-condensing					
Certification	Energy Star, FCC, T24, ETL, IC and AT Rated					
Warranty	5 Year Warranty					

Dimensions:







PROJECT NAME:_____ CAT. #: _____

NOTES:_____ FIXTURE SCHEDULE:_____

WallMax Full Cutoff Wall Pack

15-28W MODELS

40-100W MODELS

CCT Switch

Photocell

Product Description:

WallMax Cutoff Wall Packs are a full cutoff architectural wall mounted fixture ideal for commercial offices, schools and other public administrative buildings. It offers a wide range of outputs and options including CCT selectability so the customer can choose between 3000K, 4000K and 5000K color temperatures.

Features:

- CCT selectable between 3000K, 4000K or 5000K
- Wattage Selectable - 28W and 100W versions
- Sealed housing - control nodes are mounted internally without impacting the fixture sealing or aesthetics

Controls Options:

- Internal photocell with on/off switch included standard
- Controls Ready for field installable c-Max controls
- Avi-On Controls available

Construction:

- Die Cast Aluminum housing with polycarbonate LED lens

Listings:

- UL listed for Wet Locations, Outdoor
- IP65
- DLC Premium
  - Not all product variations listed on this page are DLC qualified. Visit https://www.designlights.org/search/ to confirm qualification.
- RoHS Compliant

Ordering Structure

FAMILY	WATTAGE	VOLTAGE	DISTRIBUTION	CCT	FINISH	CONTROLS OPTIONS	EM OPTIONS
WPC= WallMax Cutoff	**15=** 15W **20=** 20W **28=** 28W **40=** 40W **70=** 70W **100=** 100W	**U=** 120-277V ****H=** 277-480V	**T4=** Type IV	**CS=** 3/4/5K Selectable ***WCS=** 3/4/5K Selectable, Wattage Selectable	**B=** Dark Bronze *Contact Maxlite for additional finishes*	**CR=** Controls Ready (Standard, see accessories chart for control choices) **AV=** Avi-On Network Controls (Factory Installed) **PC=** Photocell with on/off switch (Standard)	**BLANK=** None **E0=** Battery Backup 0°C **E2=** Battery Backup -20°C

***Available in 28W (15/20/28) and 100W (40/70/100)**
****Available in 28W and above**
*****Not all product variations listed on this page are DLC qualified. Visit https://www.designlights.org/search/ to confirm qualification.**

Stocked Items

MODEL NUMBER	ORDER CODE	DLC ID#
WPC15UT4-CSBPCCR	108415	P1GOLZE3
WPC20UT4-CSBPCCR	108416	P3RF8SMI
WPC28UT4-WCSBPCCR	108417	P4P6I19B

Stocked Items

MODEL NUMBER	ORDER CODE	DLC ID#
WPC40UT4-CSBPCCR	108418	P9SUC0DZ
WPC70UT4-CSBPCCR	108419	PEA2ZBIE
WPC100UT4-WCSBPCCR	108420	PBTP9KMY

10-year standard warranty with labor allowance (further details available at www.maxlite.com/warranties)
Warranty Limitations: Product must be rated for application per the Product Data Sheet (PDS); operated ≤16 hrs; in ambient temperatures -4°F to 77°F. If ambient temperatures fall outside the -4°F to 77°F range, product is warrantied for 5 years according to the operating temperature range specified on the PDS. Up to $25/unit; registration required. Additional coverage may be available for purchase; contact MaxLite. Excludes EM/MS versions; component warranty applies.

WallMax Full Cutoff Wall Pack

Accessories

MODEL #	ORDER CODE	DESCRIPTION	IMAGE
CN-RTPCT	105568	C-MAX PHOTOCELL NODE RECTANGULAR	
CN-RTMST	105564	C-MAX RECTANGULAR MOTION SENSOR/PC, REQUIRES REMOTE CONTROL TO PROGRAM	
CN-REMOTE	105567	C-MAX REMOTE CONTROL, AT LEAST ONE REQUIRED PER PROJECT TO PROGRAM MOTION SENSOR	
CEA-RDB*	107785	EXTERNAL BRONZE ADAPTER FOR FIELD INSTALLED ROUND C-MAX CONTROL NODES	
NN-RDB*	105897	C-MAX NETWORK CONTROL NODE ROUND BRONZE (REQUIRES CEA TO INSTALL AND C-MAX APP TO PROGRAM)	
NN-RDMPB*	108255	C-MAX NETWORK CONTROL NODE ROUND MOTION SENSOR/PC BRONZE (REQUIRES CEA TO INSTALL AND C-MAX APP TO PROGRAM)	

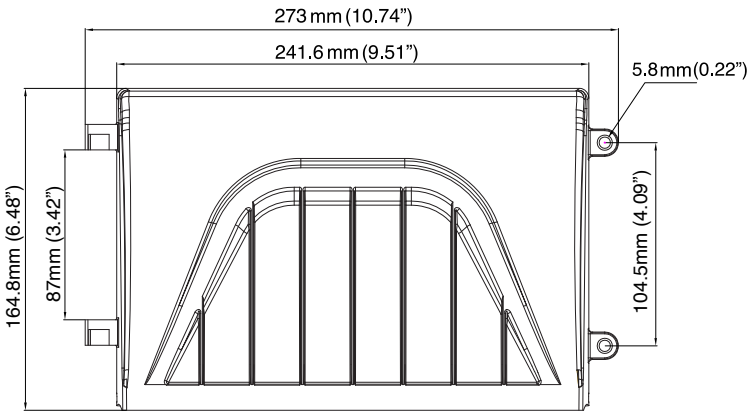
*Also available in white

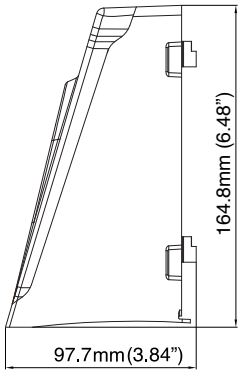
Specifications

	WPC15	WPC20	WPC28	WPC40	WPC70	WPC100
	15 WATTS DETAILS	20 WATTS DETAILS	28 WATTS DETAILS	40 WATTS DETAILS	70 WATTS DETAILS	100 WATTS DETAILS
CCT	SELECTABLE BETWEEN 3000/4000/5000K					
Input Power (W)	15	20	28	40	70	100
Efficacy (lm/W)	140 - 153	140 - 150	135-146	137-145	135-144	124-135
Lumens	2,100-2,300	2,800-3,000	3,800-4,100	5,500-5,800	9,450-10,100	12,400-13,500
CRI	≥80					
L70 Lifetime (hrs)	>100,000					
Voltage	120-277V	120-277V	120-277V (277-480V available)			
Power Factor	≥0.9					
Dimming	0-10V and high-end trim (with c-Max Controls)					
Battery Backup	120V or 277V only, 800-900 lumens, 1fc minimum in 10'x10' grid at 10-11' mounting height					
Operating Temperature	-22°F to 104°F (-30°C to 40°C)					
Certification	cULus, DLC Premium, FCC, T24 and RoHS Compliant					
Construction	Die Cast Aluminum housing with corrosion resistant polyester paint and UV stabilized impact resistant polycarbonate lens					
Environment	Outdoor Wet Location and IP65					
Warranty	10 Year Standard Warranty					

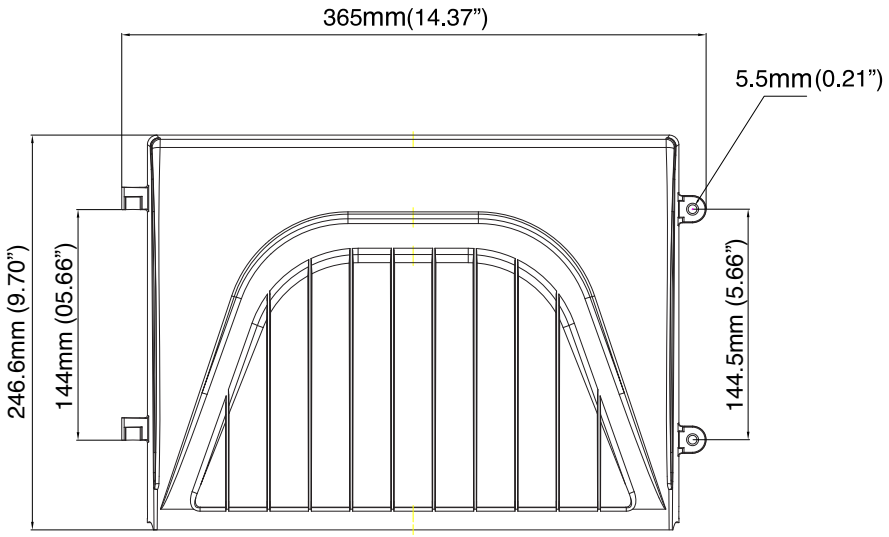
WallMax Full Cutoff Wall Pack

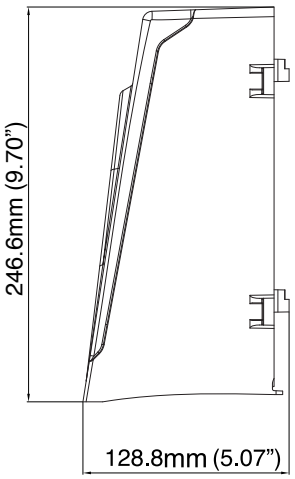
Dimensions



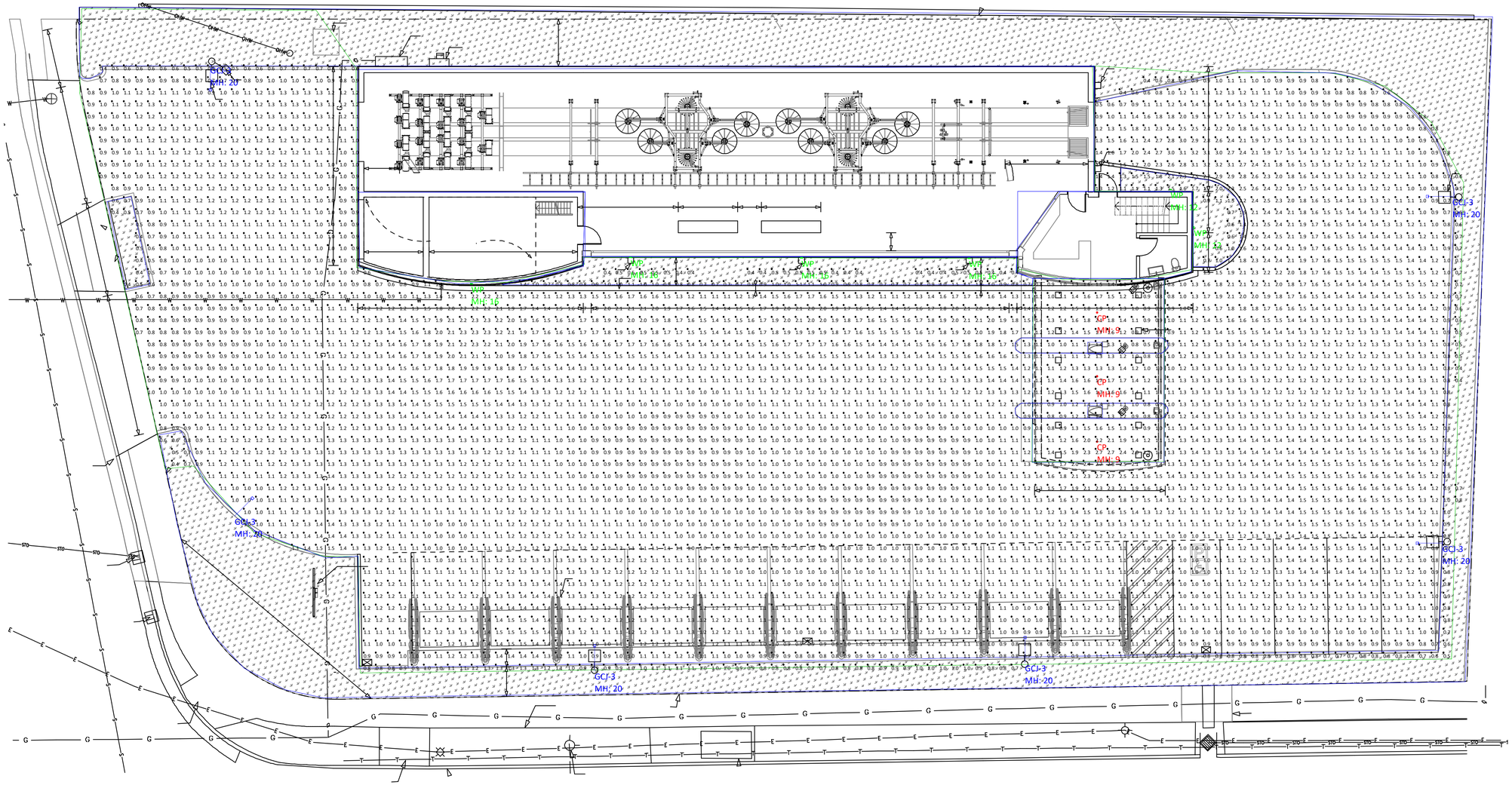


15-28W MODELS





40-100W MODELS



Luminaire Schedule										
Symbol	Qty	Tag	Label	Arrangement	Description	[MANUFAC]	LLF	Luminaire Lumens	Luminaire Watts	Total Watts
	6	GCJ-3	GCJ1-20G-MV-NW-3-GY-580 L0214	Single	GCJ1-20G-MV-NW-3-GY-580	LEOTEK ELECTRONICS	0.950	3664	38.2	229.2
	6	WP	WPSLS-01L-40	Single	WPSLS-01L-40	LSI INDUSTRIES, INC.	0.950	1286	12.34	74.04
	3	CP	SDLR413CSWJ	Single	SDLR413CSWJ	MaxLite Inc	0.950	798	12.1	36.3

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Calc Pts_Floor	Illuminance	Fc	1.21	3.2	0.4	3.03	8.00

1. Standard reflectance of 80/50/20 unless noted otherwise
2. Not a construction document, for design purposes only
3. Standard indoor calc points @ 30" AFF unless noted otherwise
4. Standard outdoor calc points @ grade unless noted otherwise
5. Visual Impact assumes no responsibility for installed light levels due to field conditions, etc.
6. Standard LLF of 0.95 unless noted otherwise

Visual Impact Lighting
1724 Industrial Drive
920-437-2069
visualimpactlighting.com

Visual Impact

#	Date	Comments

Revisions

Drawn By: ATH
Checked By:
Date:9/1/2022
Scale:

Melvin Court Car Wash

Madison, WI

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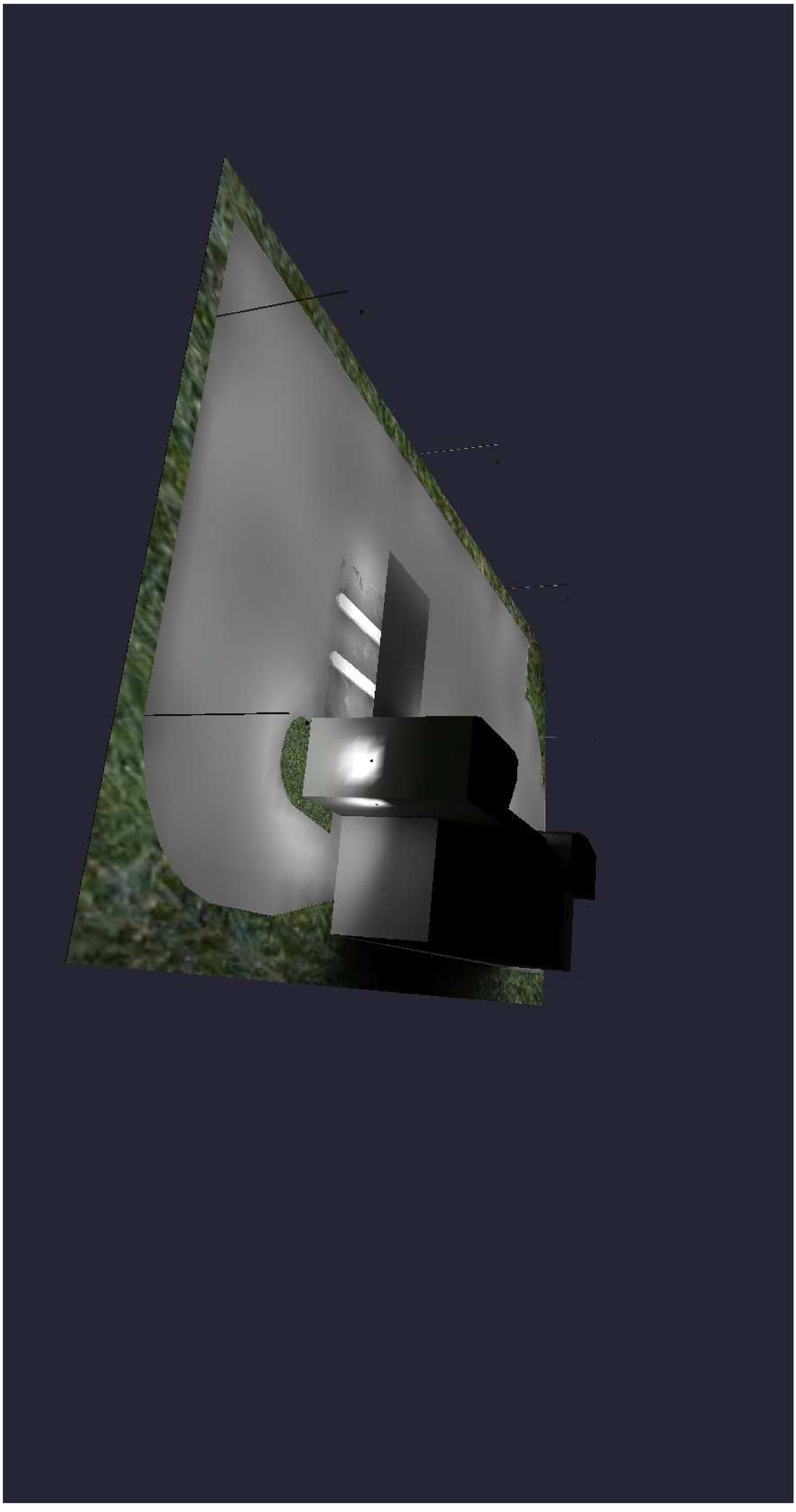

Melvin Court Car Wash

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Madison, WI

INTERNATIONAL DRYING CORPORATION

STEALTH PREDATOR DRYING SYSTEM

THE FIRST "ULTRA QUIET" DRYING SYSTEM

- ✔Patent pending Reverse flow technology
- ✔Producers construced from 304 surgical stainless steel
- ✔Over 11,000 cubic feet per minute (CFM) per 10HP motor
- ✔Meets or exceeds most U.S. and International sound regulations
- ✔Sound & Performance studies done in reverberant sound room ISO 3741:2010, 3747:2010

SCAN ME

CALL US ANYTIME	EMAIL US	FIND US	VISIT US
(+1) 815 477 4911	info@internationaldrying.com	Internationaldrying.com	International Drying Corporation 160 Chicago St Cary, IL 60013

Stealth Predator Ultra-Quiet Drying System Specifications

30HP System - Total Sound 60Hz	80HP System - Total Sound 60Hz
Q = sound source	
65 dBA at Q=1, 30 feet	69.4 dBA at Q=1, 30 feet
61.8 dBA at Q=1, 45 feet	66.5 dBA at Q=1, 45 feet
60.2 dBA at Q=1, 55 feet	64.9 dBA at Q=1, 55 feet

Meets OSHA Sound Exposure Requirements

✓ The Stealth Predator features patent pending "Reverse flow air technology" which