CITY OF DULUTH
Planning Division

411 W 1st St, Rm 208 * Duluth, Minnesota 55802-1197
Phone: 218/730.5580 Fax: 218/723-3559

STAFF REPORT

File Number	PL 14-011		**Contact**	Jenn Reed Moses, jmoses@duluthmn.gov	
Application Type	Planning Review		**Planning Commission Date**	March 11, 2014	
Deadline for Action	**Application Date**	February 10, 2014	**60 Days**	April 11, 2014	
	Date Extension Letter Mailed	February 20, 2014	**120 Days**	June 10, 2014	
Location of Subject	1720 Miller Trunk Highway				
Applicant	Bob Sullivan		**Contact**	218-828-0629, bsully@brainerd.net	
Agent	Bill Scalzo		**Contact**	218-722-4319, wscalzo@scalzoarchitects.com	
Legal Description	010-2585-00015				
Site Visit Date	February 27, 2014		**Sign Notice Date**	February 25, 2014	
Neighbor Letter Date	February 24, 2014		**Number of Letters Sent**	15	

Proposal

The site contains a Wendy's restaurant that was damaged by a kitchen fire in December 2013. Project includes remediation of fire damage, building and site improvements, and two additions (front seating area and rear cooler) that total 806 square feet. An addition over 500 square feet triggers MU-C Planning Review.

	Current Zoning	Existing Land Use	Future Land Use Map Designation
Subject	MU-C	Commercial	Large-scale commercial
North	MU-C	Highway/Commercial	Large-scale commercial
South	MU-C	Commercial	Large-scale commercial
East	MU-C	Commercial	Large-scale commercial
West	MU-C	Commercial	Large-scale commercial

Summary of Code Requirements (reference section with a brief description):

50-15.3 MU-C District - Planning review by the Planning Commission is required for new development, redevelopment, and expansions in the MU-C district.
50-18.1E Storm Water Management - Addresses water runoff quality and quantity pre- and post-construction.
50-23 Connectivity and Circulation - Focuses on pedestrian and bicycle accommodations.
50-24 Parking and Loading - Addresses required minimum and maximum parking spaces and loading docks, dimensional standards, snow storage and pedestrian circulation.
50-25 Landscaping and Tree Preservation - Speaks to landscaping standards such as materials, plant size, location, tree preservation and replacement.
50-26 Screening, Walls, and Fences - Screening of mechanical equipment, loading areas, and commercial containers, plus regulations regarding fences and retaining walls.
50-30 Design Standards - Building standards for multi-family, commercial, institutional, and industrial buildings.
50-31 Exterior Lighting - Directs the minimum and maximum illumination values and lighting fixtures for a site.
50-37.11 Planning Review - Planning Commission shall approve the Planning Review or approve it with modifications, if it is determined that the application complies with all applicable provisions of this Chapter.

D-1

Comprehensive Plan Findings (Governing Principle and/or Policies) and Current History (if applicable):

Principle #1- Reuse previously developed lands. This site already contains a Wendy's restaurant, and applicant is proposing improvements that will enable the restaurant to reopen.

Future Land Use - Large-scale commercial: Mall, shopping center, and big box retail development, with associated surrounding retail and service uses, but only ancillary office uses and no residential uses. Oriented primarily to the motorist, with planned internal circulation patterns while still accommodating pedestrian movement. Requires access to regional transportation routes. May include regional green infrastructure for watershed protection.

Discussion (use numbered or bullet points; summarize and attach department, agency and citizen comments):

Staff finds that:

1.) 50-15.3 - A restaurant with a drive-through is a permitted use in the MU-C district.
2.) 50-18.1 - Property is within the shoreland for Miller Creek, but outside the structure and impervious surface setbacks. Property is within the 500-year flood plain, which is not regulated by the UDC. Because the project will add impervious surface, applicant will need to provide temporary erosion and sediment control during construction. Per City engineering, no additional stormwater requirements are triggered.
3.) 50-23 - Project is improving accessibility by adding a handicapped aisle in the parking lot.
4.) 50-24 - Existing parking lot contains 42 spaces; under the proposed site plan, one space would be removed, for a total of 41 spaces. The maximum allowed amount of parking for a 3,622 square foot building (including the two additions) is 27 spaces; however, per UDC Section 50-24.4, existing paved parking lots are allowed to remain unless the parking lot is reconstructed. Note that other than landscaping (see below), no changes will be made to the parking lots.
5.) 50-25 - Because the value of the project triggers the applicability threshold in Section 50-25.1, applicant proposes to provide street frontage landscaping and parking lot landscaping (10% landscaped islands and 30% tree canopy coverage). Snow storage is shown on the site plan.
6.) 50-26 - Dumpster is currently located over an existing utility easement. Applicant proposes to move dumpster and provide an enclosure. No fences, loading docks, or ground-mounted mechanical equipment are proposed. Any roof-mounted mechanical equipment will be screened as required by the UDC.
7.) 50-27 - Any signs will need to apply for and receive a building permit prior to installation.
8.) 50-29 and 50-30- This project is not required to meet sustainability or building design standards.
9.) 50-31 - Photometric plan meets UDC requirements for maximum lighting. Lighting will meet UDC requirements for cut-off fixtures, pole height, etc.
10.) No public, agency, or City comments were received.
11.) Per UDC 50-37.1.N, an approved Planning Review will expire if the project or activity authorized is not begun within 1 year.

Staff Recommendation (include Planning Commission findings, i.e., recommend to approve):

Staff recommends Planning Commission approve the Planning Review, subject to the following conditions:

1.) The project be limited to, constructed, and maintained according to the Site Plan dated February 14, 2014, and received by the Planning Division March 4, 2014.

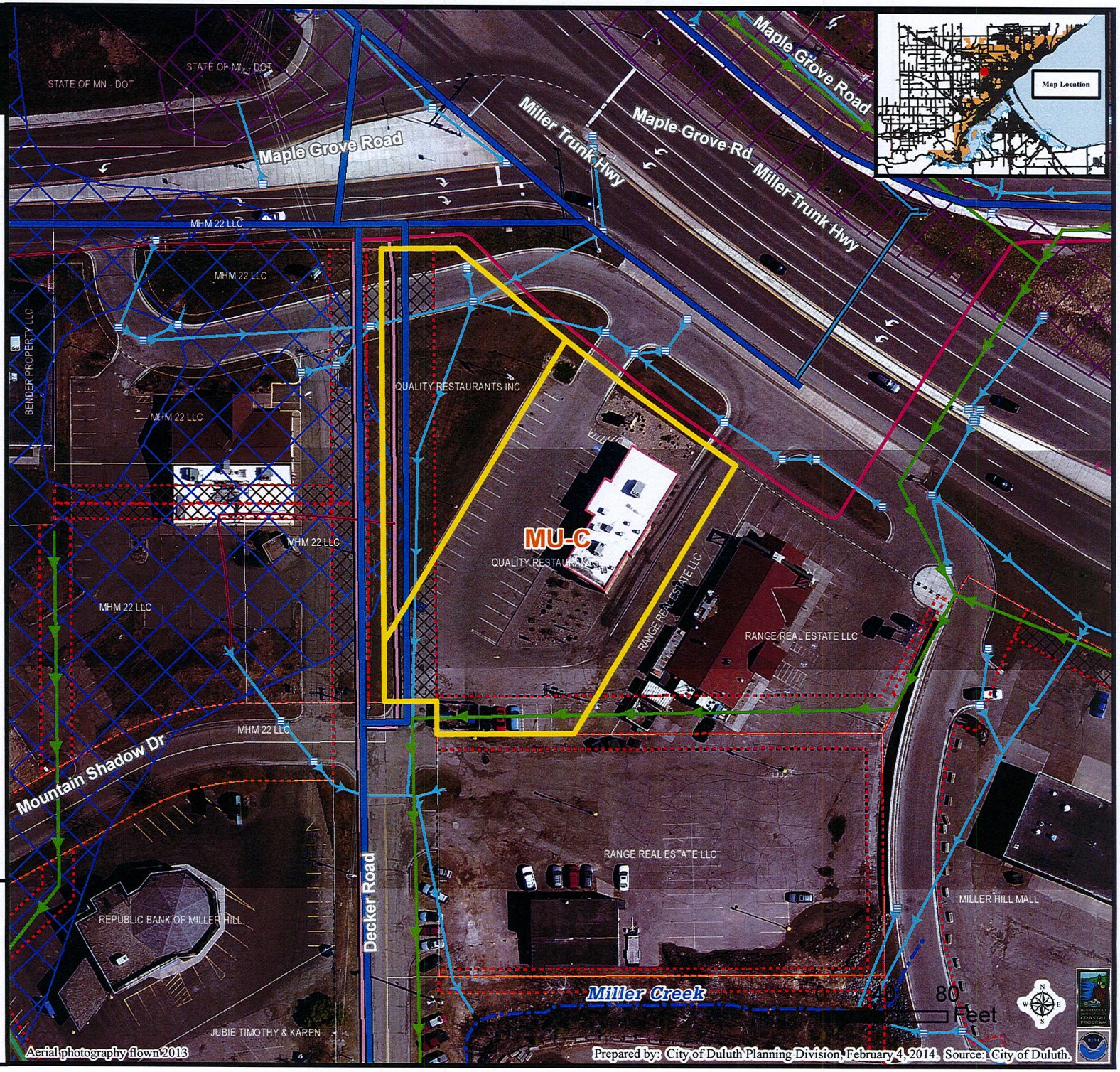
5.) Any alterations to the approved plans that do not alter major elements of the plan may be approved by the Land Use Supervisor without further Planning Commission; however, no such administrative approval shall constitute a variance from the provisions of Chapter 50.

D-2

Attachments (aerial photo with zoning; future land use map; site plan; copies of correspondence)

City Planning

PL 14-011
MU-C Plan Review
1720 Miller Trunk Hwy



Legend

- Zoning Boundaries

Stream Type
- Trout Stream (GPS)
- Other Stream (GPS)

Water Distribution System
- 30 - 60" Water Pipe
- 16 - 24" Water Pipe
- 4 - 6" Water Pipe

Sanitary Sewer Collection System
- Sanitary Sewer Collector
- Sanitary Sewer Interceptor
- Sanitary Sewer Forced Main
- Storage Basin
- Pump Station (PS)

Gas Distribution Main
- 8" - 16" Gas Pipes
- 4" - 6" Gas Pipes
- 0" - 4" Gas Pipes

Storm Sewer Collection System
- Storm Sewer Pipe
- Storm Sewer Catch Basin
- Discharge_Points

Right-of-Way Type
- Road or Alley ROW
- Vacated ROW

Easement Type
- Utility Easement
- Other Easement

Floodplain Type
- General Flood Plain
- Flood Way
- Flood Fringe

The City of Duluth has tried to ensure that the information contained in this map or electronic document is accurate. The City of Duluth makes no warranty or guarantee concerning the accuracy or reliability. This drawing/data is neither a legally recorded map nor a survey and is not intended to be used as one. The drawing/data is a compilation of records, information and data located in various City, County and State offices and other sources affecting the area shown and is to be used for reference purposes only. The City of Duluth shall not be liable for errors contained within this data provided or for any damages in connection with the use of this information contained within.

D-3

RECEIVED
MAR – 4 2014

ZONING SUMMARY:

CODES USED:	UNIFIED DEVELOPMENT CODE CHAPTER 50	8/19/2011	
ZONING DISTRICT	MU-C	MULTI USE - COMMERCIAL	
USE CATEGORY	RESTAURANT W/ DRIVE THRU	PERMITTED	
DIMENSIONAL STANDARDS	MINIMUM LOT AREA	NA	
	MINIMUM LOT FRONTAGE	0'-0"	
	MINIMUM FRONT YARD DEPTH	0	
	MINIMUM SIDE YARD DEPTH	0	
	MINIMUM CORNER FRONTSIDE YARD DEPTH	0	
	MINIMUM REAR YARD DEPTH	0'-0"	
	MAXIMUM BUILDING HEIGHT	45'-0"	
		N/A	
NATURAL RESOURCE OVERLAY	50-18.1		
	FLOODWAY	NO	
	FLOOD FRINGE	NO	
	GENERAL FLOOD PLAIN DISTRICT	NO	
	COLDWATER RIVER		
	MIN SETBACK FROM HIGH WATER LVL (STRUCT)	150 FT	
	MIN SETBACK FROM IMPERVIOUS SURFACE	75 FT	
	LOWEST FLOOR ELEVATION ABOVE HIGH WATER	3 FT	
	WIDTH OF NATURALLY VEGETATIVE BUFFER	50 FT	
STORMWATER MANAGEMENT/EROSION	LAND DISTURBANCE <3000 SF	TEMP EROSION/SEDIMENT CONTROL	
	NEW IMPERVIOUS AREA - 600 SF	NOTE: 3	
	PROJECT LOCATED IN:	ZONE A	
AIRPORT OVERLAY	50-18.2	NA	
HISTORIC RESOURCE OVERLAY	50-18.3	NA	
SKYLINE PARKWAY OVERLAY	50-18.4	NA	
USE SPECIFIC STANDARDS	50-20	NA	
PARKING REQUIRMENTS	50-24		
	REQUIRED OFF-STREET PARKING		
	RESTAURANT - (3200 SF/200 SF)	16	
	MAXIMUM ALLOWED - 16 * 150% =	24	42 PROVIDED (EXISTING) NOTE:1
LANDSCAPING REQUIREMENTS	50-25		
	MN DOT SERVICE ROAD		
	STREET FRONTAGE LANDSCAPING	15 FT ALONG ALL STREET FRONTS	
	1 TREE / 35 FT - 1 LARGE SHRUB / 25 FT	6 TREES / 11 SHRUBS	8 TREES - 11 SHRUBS PROVIDED
PARKING LOT INTERIOR ISLANDS	50-25.(3.1		
	10% REQD TO BE LANDSCAPED		
	PARKING LOT AREA - 14,517 SF	1451 SF	1457 SF PROVIDED
PARKING LOT INTERIOR LANDSCAPING	50-25.(3.3		
	30% CANOPY COVERAGE		
	13060 S.F. OF PARKING AREA	3918 SF	3933 S.F PROVIDED
SCREENING REQUIRMENTS	50-26		
	MECHANICAL EQUIPMENT SCREENING	YES	
	SERVICE / OFF-STREET LOADING	NA	
	COMMERCIAL CONTAINER	WASTE BINS TO BE STORED INSIDE	
SIGN STANDARDS	50-27	PERMIT REQUIRED	NOTE: 4
SUSTAINABILITY STANDARDS	50-29	NO < 10,000 SF	
DESIGN STANDARDS	50-30	NO < 10,000 SF	
EXTERIOR LIGHTING STANDARDS	50-31	YES, NOTE: 2	

COMMENTS:

1. NO CHANGE TO PERVIOUS SURFACE EXPECT TO ADD REQUIRED AREA FOR ISLANDS.
2. SEE ATTACHED PHOTOMETRIC LIGHTING STUDY.
3. NO PERMANENT WATER QUALITY AND DISCHARGE RATE CONTROLS.
4. NEW SIGNAGE TO BE INCORPORATED INTO BUILDING FACADE.

LEGAL DESCRIPTION PER CERTIFICATE NO 279433.0 & 279432.0

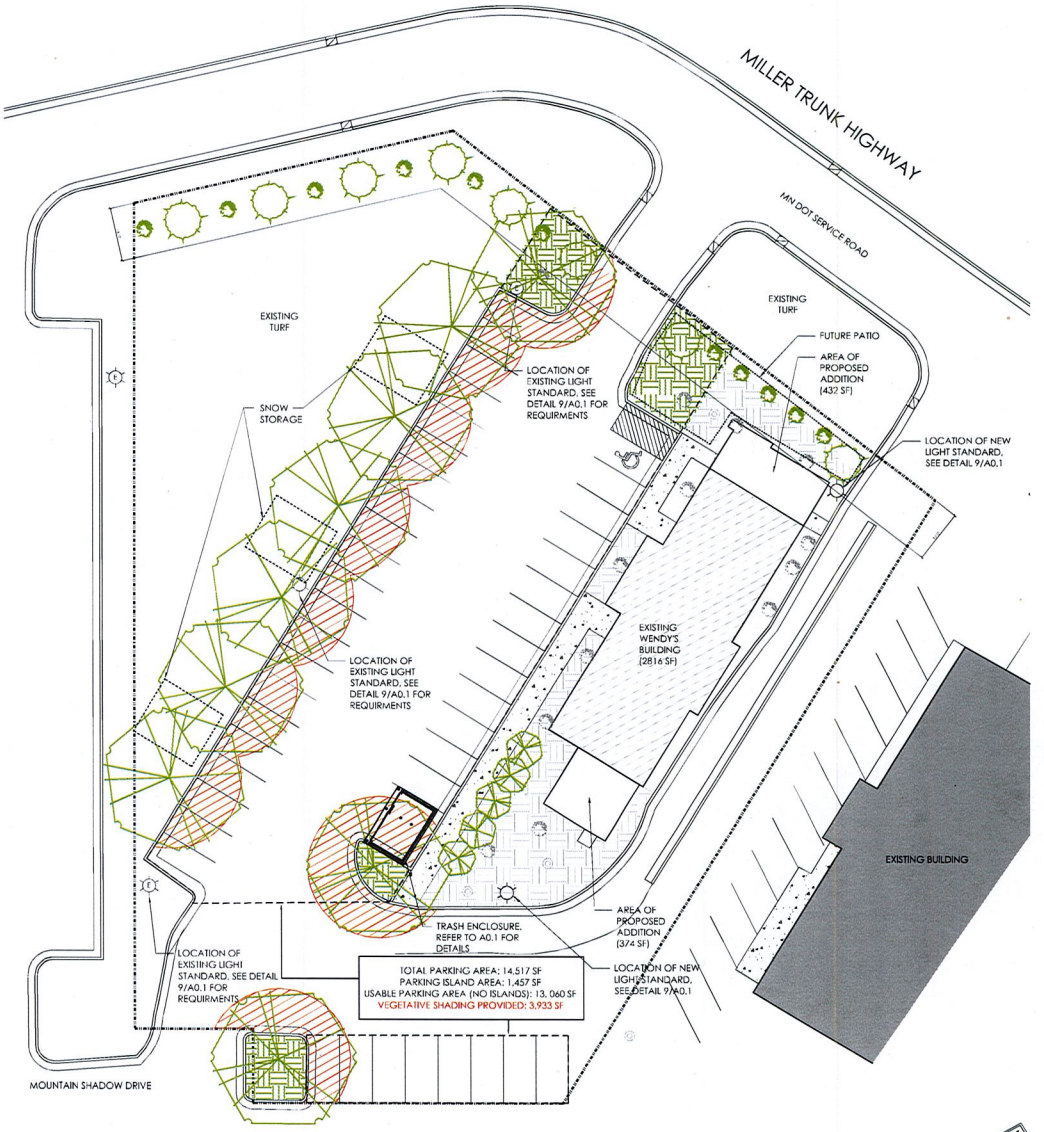
That part of Lot 1, Block 1, Jankowski and Tomlin First Addition and that part of Decker Road between the South line of Maple Grove Road and a ling parallel to and a distance Southerly 288.90 feet therefrom, which lies Southeasterly of a line which is parallel to and 153.00 fee Northwesterly at right angles from the Southeasterly line of said Lot 1, Block 1; EXCEPT that part of Lot 1, Block 1, Jankowski and Tomlin First Addition which lies Southeasterly of a line which is parallel to and 20.00 feet Northwesterly at right angles from the Southeasterly line of said Lot 1, Block 1, St. Louis County, Minnesota.

And:

Lot 1, Block , Jankowski and Tomlin First Avenue, including that part of Lot 1, Block 1, Jankowski and Tomlin First Addition described as follows: That portion of Decker Road between the South line of Maple Grove Road and a line parallel to and distance Southerly 288.90 feet therefrom; EXCEPT that part of Lot 1, Bock 1, Jankowski and Tomlin First Addition, AND EXCEPT that part of Decker Road which lies Southeasterly of a line which is parallel to and 153 feet Northwesterly as right angles from the Southeasterly line of said Lot 1, Block 1, St. Louis County, Minnesota.

LEGEND

- EXISTING LANDSCAPING
- PROPOSED LANDSCAPING
- CONCRETE SIDEWALK
- SNOW STORAGE AREA
- PARKING LOT AREA (TOTAL PARKING AREA)
- PROPERTY LINE
- (E) EXISTING LIGHT STANDARD
- PROPOSED LIGHT STANDARD
- EXISTING SIGNAGE
- EXISTING SHRUB
- EXISTING TREE
- PROPOSED CONIFEROUS - PINE OF COMPLYING SPECIES
- PROPOSED DECIDUOUS - MAPLE OF COMPLYING SPECIES
- PROPOSED SHRUB
- SHADED AREA



1 A0.0 **SITE PLAN** 1"=20'-0"

NORTH

PRELIMINARY NOT FOR CONSTRUCTION DATE:

CALZO architects
SCALZO ARCHITECTS, LTD.
1901 South Street
Duluth, Minnesota 55812
Tele: 218.722.4319
Fax: 218.722.3535

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the State of Minnesota.

WILLIAM B. SCALZO
DATE:
LICENSE NO: 18130

CONSULTANTS:
NORTHLAND CONSULTING ENGINEERS
102 S 21ST AVE W #1
DULUTH, MN 55806

PROJECT:
WENDY'S
1720 MILLER TRUNK HIGHWAY
DULUTH, MN 55811

OWNER:
QUALITY RESTAURANTS, INC.
7818 EXCELSIOR ROAD N.
BAXTER, MN 56425

SITE PLAN

REVISIONS:

DATE: FEBRUARY 14, 2014
DRAWN:
CHECKED: WBS
PROJECT: 1343

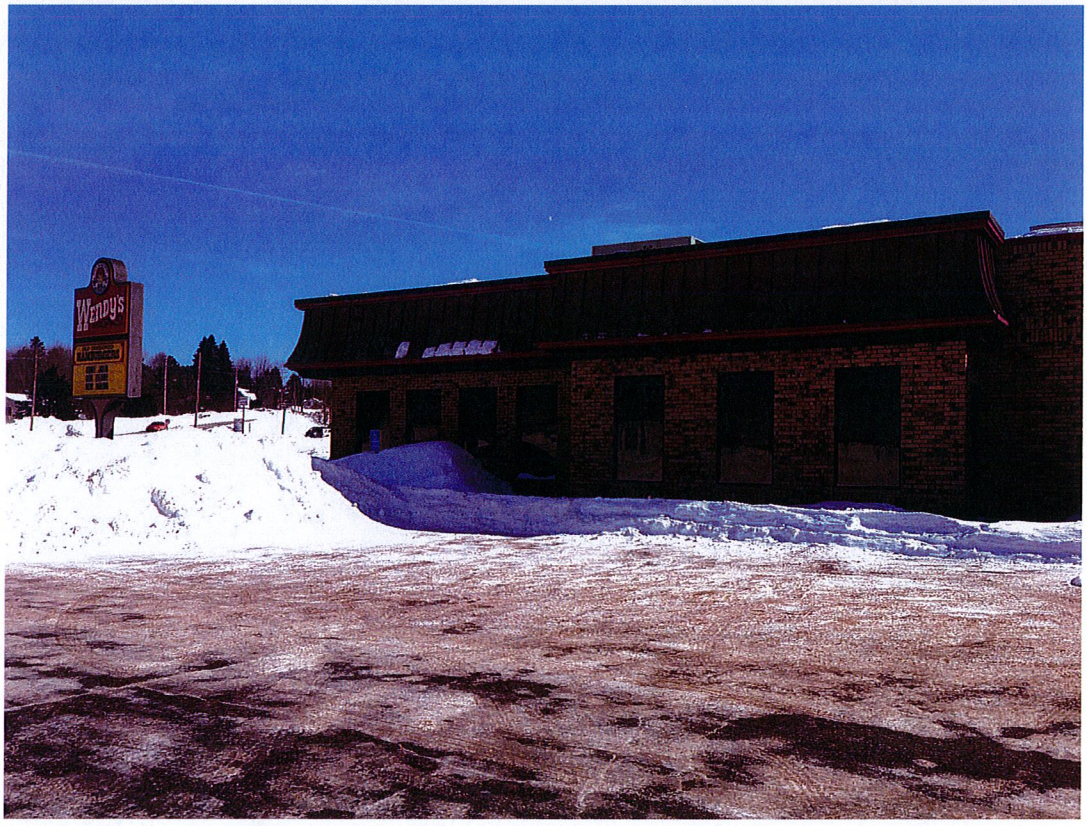
0 2" FULL SCALE

SHEET NO.
A0.0

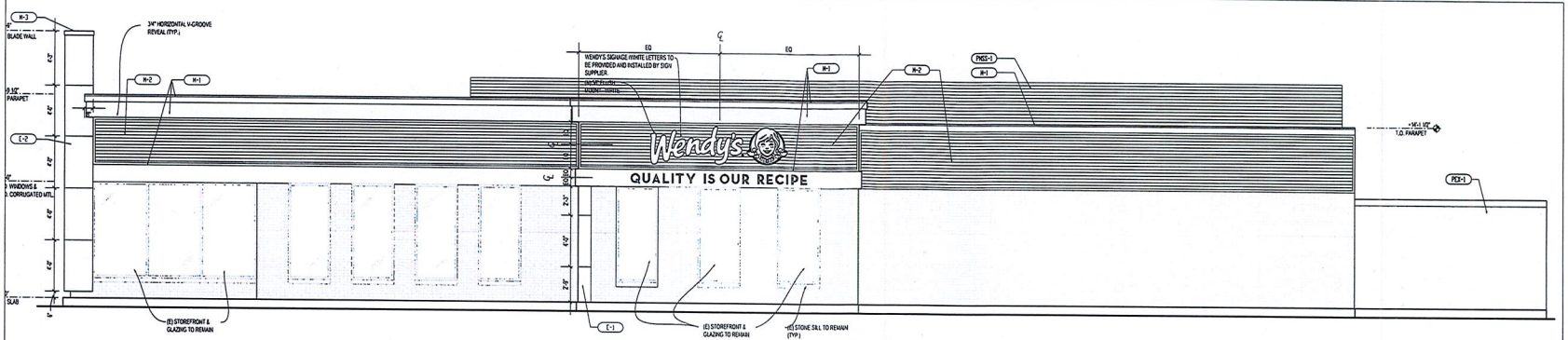
D-4

1720 Miller Trunk Highway

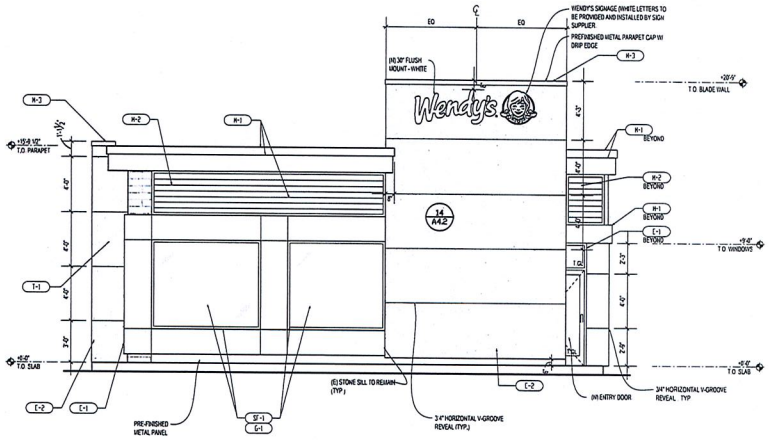
Site Photos



D-5



02 RIGHT SIDE ELEVATION
SCALE: 1/4" = 1'-0"



01 FRONT ELEVATION
SCALE: 1/4" = 1'-0"

GENERAL NOTES

1. WHERE EVER POSSIBLE ALL NEW MASONRY WORK SHALL BE CONSTRUCTED W/ SALVAGED MASONRY TO MATCH EXISTING MASONRY
2. REPOINT EXISTING VERTICAL AND HORIZONTAL MASONRY JOINTS WHERE VOIDS OR CRACKS EXIST
3. CLEAN, REPAIR & REPAINT (E) ELEMENTS WHERE INDICATED

EXTERIOR FINISHES LEGEND

NOTE: REFER TO MATERIAL/FINISH/RESPONSIBILITY SCHEDULE ON SHEET A6.1 FOR SPECIFICATIONS OF ALL EXTERIOR MATERIALS AND FINISHES

ACM	METAL PANEL (RED BLADE)
B-1	BRICK
E-1	EXTERIOR INSULATED FINISH SYSTEM (E.I.F.S.) - "DOVER SKY"
E-2	EXTERIOR INSULATED FINISH SYSTEM (E.I.F.S.) - "RED"
G-1	1" LOW-E INSULATED GLASS
H-1	METAL TRIM AND BRAKE METAL
H-2	CORRUGATED METAL PANEL
H-3	METAL COPING
PCX-1	PAINT (COLOR: DEEP BRONZETONE)
PCX-2	PAINT (COLOR: CHARLESTON BROWN)
PCX-3	PAINT (COLOR: PWS 186)
PCX-4	NOT USED
PCX-5	PAINT (COLOR: POWDER COATED SAFETY RED)
PCX-6	PAINT (COLOR: SAFETY YELLOW)
PUW	PICKUP WINDOW
SF-1	ALUMINUM STOREFRONT SYSTEM
T-1	EXTERIOR TILE
PMS-1	PIPE AND METAL PANEL SCREEN SYSTEM
SEM-1	METAL FRAMED STRUCTURE, PAINT PCX-1
SEV-1	1x6 CEDAR SLATS

ENVELOPE COMPLIANCE

ROOF	EXISTING R-38
WALLS	EXISTING/ NEW R-21
WINDOWS	U=0.29, SHGC=0.60
GLASS DOORS	U=0.29, SHGC=0.60

OPTIONAL ROOF SCREENS:

CITYSCAPES UNIT-MOUNTED VERTICAL ROOF SCREEN SYSTEM WITH LOUVER PANELS, STEP 2" TOP TRIM. COLOR MANSARD BROWN

WWW.CITYSCAPESINC.COM

DESIGNER NOTES

DESIGNERS NOTE:
LOCAL ARCHITECT TO DETERMINE IF ROOF SCREENS ARE REQUIRED BY LOCAL CODE AND PROVIDE CODE COMPLIANT DESIGN COORDINATE CONNECTIONS AND BRACING REQUIREMENTS WITH LOCAL STRUCTURAL LOAD REQUIREMENTS

REMOVE THIS NOTE PRIOR TO PRINTING

DESIGNERS NOTE:
NO EXTERIOR BUILDING SIGNS TO BE UNDER THE SCOPE OF THIS PERMIT SUBMITTAL. THE CONTRACTOR SHALL COORDINATE WITH THE OWNERS REPRESENTATIVE AS TO THE EXTENT OF WORK TO BE PERFORMED WITH REGARD TO THE INSTALLATION OF EXTERIOR SIGNS. ALL EXTERIOR SIGNS TO BE SUBMITTED FOR REVIEW AND APPROVAL UNDER SEPARATE PERMIT APPLICATION

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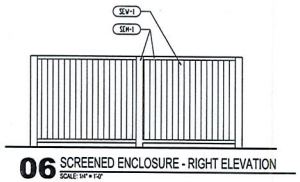
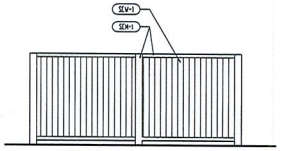
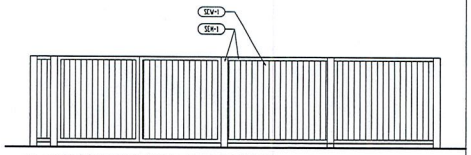


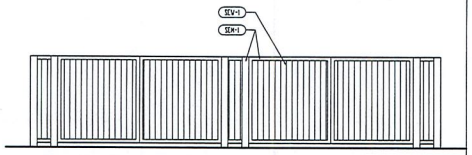
06 SCREENED ENCLOSURE - RIGHT ELEVATION
SCALE: 1/4" = 1'-0"



05 SCREENED ENCLOSURE - LEFT ELEVATION
SCALE: 1/4" = 1'-0"



04 SCREENED ENCLOSURE - REAR ELEVATION
SCALE: 1/4" = 1'-0"



03 SCREENED ENCLOSURE - FRONT ELEVATION
SCALE: 1/4" = 1'-0"

CALZO architects

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the State of Minnesota.

WILLIAM B. SCALZO
DATE:
LICENSE NO: 18130

CONSULTANTS:

CONTRACTORS:

PROJECT:
WENDY'S
1720 MILLER TRUNK HIGHWAY
DULUTH, MN 5581

Wendy's

OWNER:
QUALITY RESTAURANTS, INC.
7818 EXCELSIOR ROAD N.
BAXTER, MN 56425

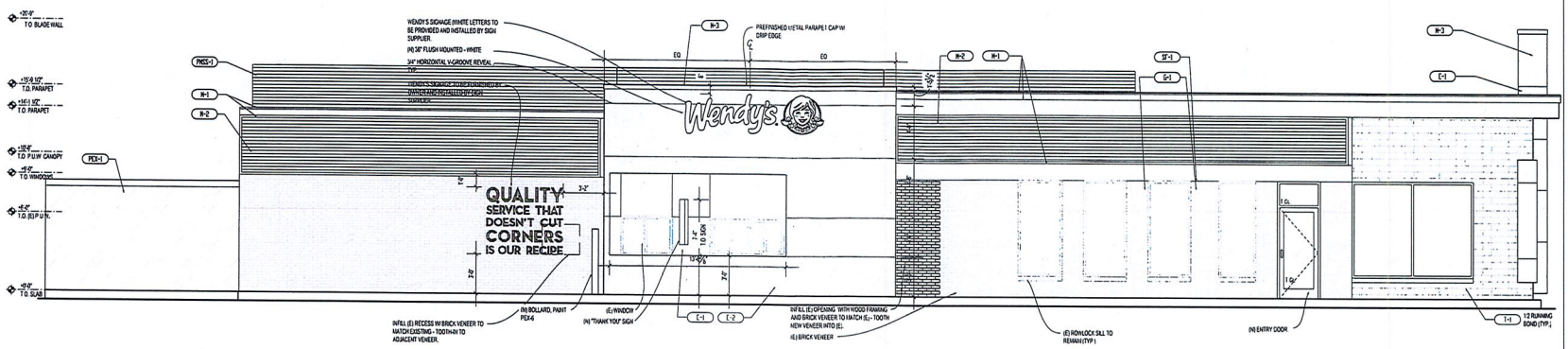
REVISIONS:

DATE: FEBRUARY 14, 2014
DRAWN:
CHECKED: WBS
PROJECT: 1343

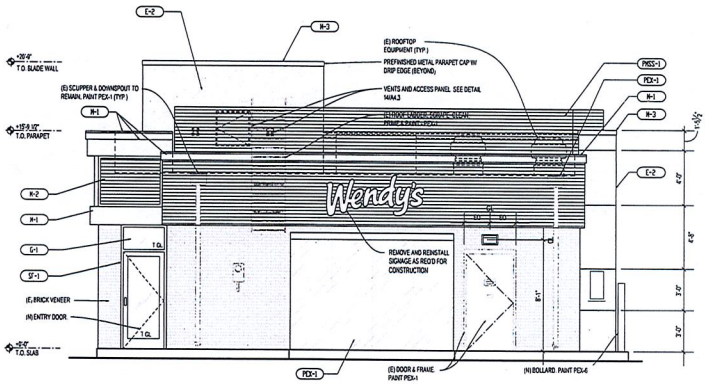
0 2"
FULL SCALE

SHEET NO.
A2.1

D-6



02 LEFT SIDE ELEVATION
SCALE: 1/4" = 1'-0"



01 REAR ELEVATION
SCALE: 1/4" = 1'-0"

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EXTERIOR FINISHES LEGEND

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M-3	METAL COPING
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T-1	EXTERIOR TILE
PWSS-1	PIPE AND METAL PANEL SCREEN SYSTEM
SEM-1	METAL FRAMED STRUCTURE, PAINT PEX-1
SEW-1	1x6 CEDAR SLATS

ENVELOPE COMPLIANCE

ROOF	EXISTING R-38
WALLS	EXISTING/ NEW R-21
WINDOWS	U=0.29, SHGC=0.60
GLASS DOORS	U=0.29, SHGC=0.60

OPTIONAL ROOF SCREENS:

CITYSCAPES UNIT-MOUNTED VERTICAL ROOF SCREEN SYSTEM WITH LOUVER PANELS, "SILP 2" TOP TRIM. COLOR: MANSARD BROWN.

WWW.CITYSCAPESINC.COM

DESIGNER NOTES

DESIGNERS NOTE:
LOCAL ARCHITECT TO DETERMINE IF ROOF SCREENS ARE REQUIRED BY LOCAL CODE AND PROVIDE CODE COMPLIANT DESIGN. COORDINATE CONNECTIONS AND BRACING REQUIREMENTS WITH LOCAL STRUCTURAL LOAD REQUIREMENTS

REMOVE THIS NOTE PRIOR TO PRINTING

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REMOVE THIS NOTE PRIOR TO PRINTING

CALZO architects

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the State of Minnesota.

WILLIAM B. SCALZO
DATE.
LICENSE NO: 18130

CONSULTANTS:

CONTRACTORS:

PROJECT:
WENDY'S
1720 MILLER TRUNK HIGHWAY
DULUTH, MN 55811

Wendy's

OWNER:
QUALITY RESTAURANTS, INC.
7818 EXCELSIOR ROAD N.
BAXTER, MN 56425

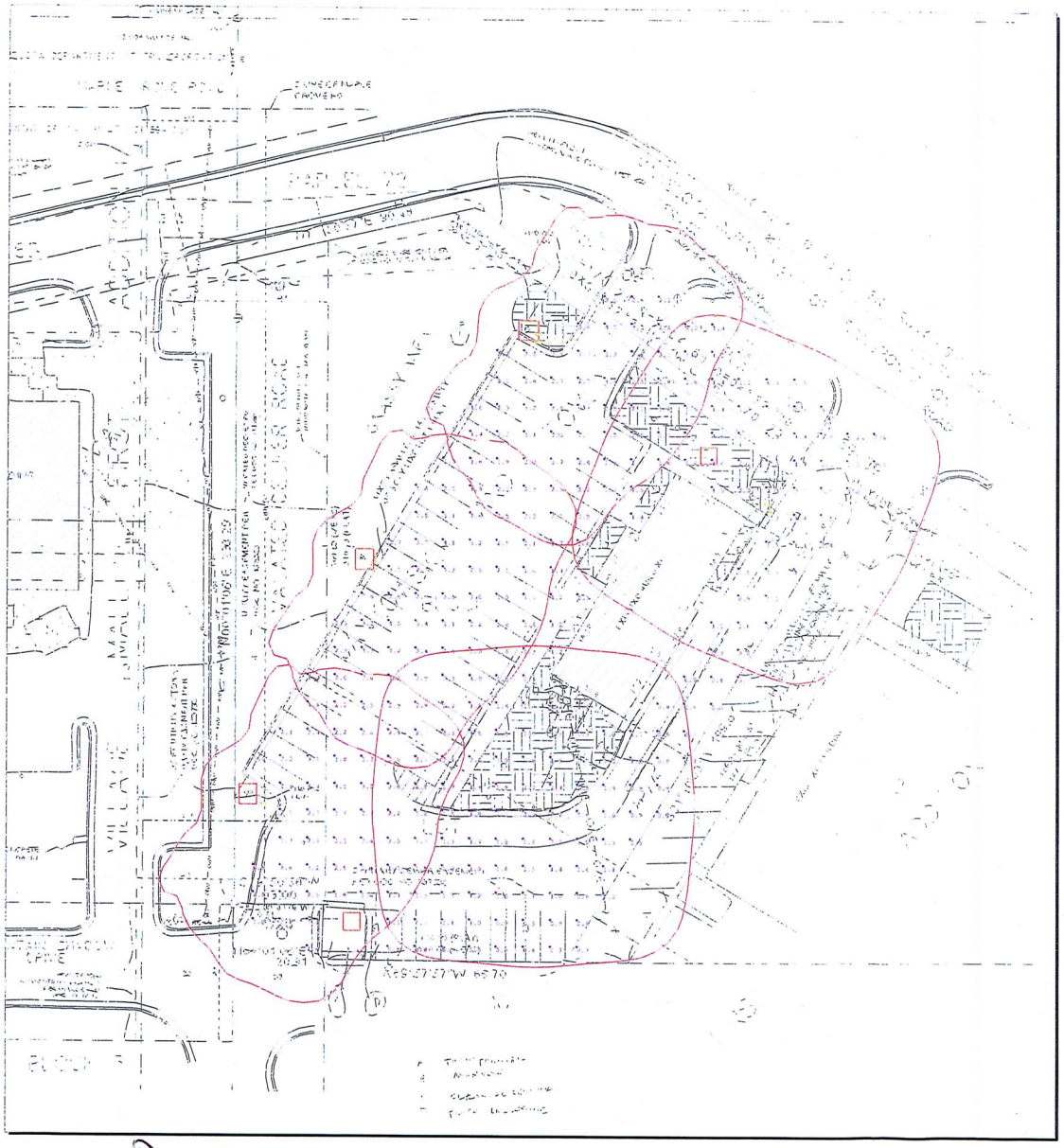
REVISIONS:

DATE: FEBRUARY 14, 2014
DRAWN:
CHECKED: WBS
PROJECT: 1343

0 2"
FULL SCALE

SHEET NO.
A2.2

D-7



D-8

Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
GRADE	Illuminance	Fc	1.93	4.2	0.7	2.76	6.00

Luminaire Schedule

Symbol	Qty	Label	Arrangement	Lamp Lumens	LLF	Description	Lum. Watts
	3	L4	SINGLE	N.A.	1.000	SPAULDING #CLI-A-90L-5K-4 (209 WATT LED, TYPE 4)	209.2
	2	L5	SINGLE	N.A.	1.000	SPAULDING #CLI A 90L 5K 5W (210 WATT LED, TYPE 5)	210.5

Notes:
1. All calc points @ grade.
2. All pole fixtures mounted at 25' above grade.
3. Plan view scale if printed at 22x34: 1"=20'.

SPAULDING LIGHTING

CIMARRON LED SERIES

WENDY'S RESTAURANT

Miller Trunk HWY Duluth, MN
LED Lighting Analysis

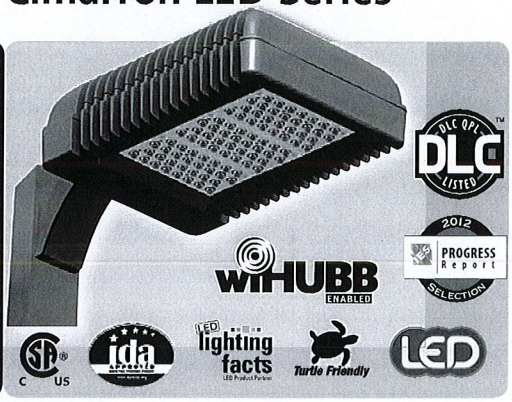
prepared by:

Lighting Systems of Columbus, Inc.

Lighting Systems of Columbus
8877 Whitney Drive
Lewis Center, Ohio 43035
v. 614.876.6722
www.lightingsystemscol.com

CL1 LED

Cimarron LED Series



FEATURES

- Stylish vertically finned die-cast solid top housing and lower heat sink optimize heat dissipation;
- Isolated electrical compartment with integral heat sinking for cooler operation and longer driver life
- Drivers have greater than 90% power factor and less than 20% THD
- Optional continuous dimming to 10% or dual circuitry available
- Automatic thermal self protection
- Surge protection standard
- 60,000 hours life (L90 @ 40°C)*
- Shipped with upswept or straight arm for uniform look and ease of installation
- -30 deg C to 40 deg C ambient operation
- Lektrocote TGIC polyester powder coat finish
- 3000K, 80 CRI; 4200K, 70 CRI; 5100K, 67 CRI
- New stainless steel bezel (Dec 2013)
- Choice of 3 high brightness LED configurations with individual acrylic lenses aimed to produce IES type II, III, IV and V distributions
  - Backlight control option reduces spill light behind pole by 85%, doesn't change fixture appearance or EPA
- Features exclusive wiHUBB technology
  - Wireless system for On/Off and 0-10VDC continuous dimming control to 10% light output
  - Programmable autonomous operation
- IP65
- Listed to UL1598 and CSA C22.2#250.0-24 for wet locations
  - Increased lumen ouput with use of 1050mA driver (90L only)
- DesignLights Consortium qualified
- New turtle friendly Amber available

ORDERING INFORMATION

CL1 - [ ] - [ ] [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ]

SERIES

CL1 Cimarron LED

NO. OF LEDS

90L 90 High brightness LEDs
60L 60 High brightness LEDs
30L 30 High brightness LEDs

VOLTAGE

U[3] Universal 120V-277V, 50/60 Hz
1[7] 120V
2[7] 208V
3[7] 240V
4[7] 277V
5 480V, 60 Hz
F 347V, 60 Hz
E[4] 220V, 50 Hz

CCT

3K 3000K, 80CRI
4K 4200K, 70CRI
5K 5100K, 67CRI
AM Amber (590 nm available for "Turtle Friendly" applications (consult factory)

DRIVE CURRENT

Leave blank for 700mA (standard)
035 350mA Amber (590 nm available for "Turtle Friendly"/ observatory applications (consult factory)
105 1050mA (use with 90L only for higher lumen output)

OPTIONS

BC[6] Backlight control
BL[1,2,5] Bi-level control
CD[2] Continuous dimming
WB Wall bracket
RPA3 3" Round pole adapter
RPA4 4" Round pole adapter
RPA5 5" Round pole adapter
RPA6 6" Round pole adapter
F(X)[3,4] Fusing (replace X with voltage: 1-120V, 2-208V, 3-240V, 4-277V, 5-480V, 6-347V)
SSB[9] Stainless steel LED bezel
VG Vandal guard
PR(X)[5] NEMA Photo cell receptacle (replace X with voltage: U=120-277, 5=480, 6 =347)
WIH[2,5,7] In-fixture wireless control module (120, 277, 347 & 480V)

MOUNTING

A Arm mount construction (6" straight rigid arm included & acceptable for 90° configurations)
AD Decorative arm mount const. (6" decorative upswept arm incl. & acceptable for 90° configurations)
MAF Mast arm fitter for mounting to standard 2 3/8" mast arm bracket, includes 6" straight rigid arm

DISTRIBUTION

2 Type II
3 Type III
4 Type IV
5S Type V Short
5M Type V Medium
5W Type V Wide

COLOR

DB Dark Bronze
BL Black
WH White
GR Gray
PS Platinum Silver
RD Red (premium color)
FG Forest Green (premium color)
CC Custom Color

MOTION CONTROL OPTIONS

SCO No light output when no motion detected / On/ Off control
SCP Programmable motion control, factory default is 50%

Notes:
1 For BL option 90L and 60L; N/A 347V & 480V
2 BL, CD and or WIH cannot be combined
3 Fuse option not available with universal voltage
4 Select F3 fusing option for 220V
5 Photocell receptacle not available with BLor WIH options
6 Recommended for Type II, III or Type IV distributions only
7 Replace XX with color designation (see below)
8 Direct pole mount only, not compatible with tenon adapters
9 Bezel changed to stainless steel as standard Dec. 1 2013

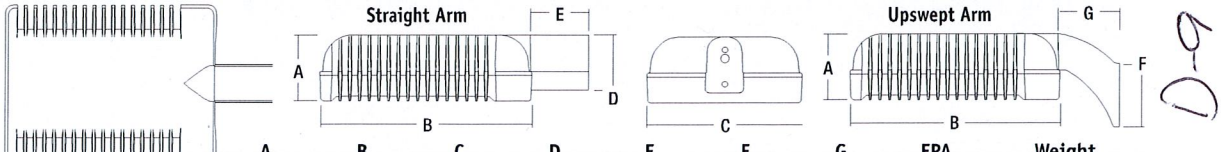
ENERGY DATA	
Power Factor	>.9
Total Harmonic Distortion	<20%

ACCESSORIES SEE PAGE: 157

***Projected per IESNA TM-21-11**

NOTE: All poles to be drilled with #2 pattern

DIMENSIONS



	A	B	C	D	E	F	G	EPA	Weight
CL1	6 3/4"	21 3/4"	16"	6 5/8"	6 5/16"	5 5/8"	6 1/8"	< 1.3 ft²	Approx 45 lbs.
	171mm	552mm	406mm	168mm	160mm	143mm	155mm	< 0.12 m²	Approx 20.4 kg

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CL1 LED

Cimarron LED Series

PERFORMANCE INFORMATION

Series Number	Equivalency		Delivered Lumens						System Watts		Lumens Per Watt	CCT	Drivers/ Current
	MH	HPS	Type 2	Type 3	Type 4	Type 5M	Type 5S	Type 5W	120V-277V	347V-480V			
CL1-30L-3K	175w	150w	4,606	4,668	4,686	4,858	4,902	4,601	70	87	70	3000K	2@700mA
CL1-60L-3K	250w	150w	9,013	9,175	9,216	9,409	9,461	8,844	140	157	68	3000K	4@700mA
CL1-90L-3K	320w	200w	13,360	13,601	13,575	13,923	14,004	13,902	210	227	66	3000K	6@700mA
CL1-90L-3K-105	400w	250w	17,645	17,612	17,469	17,950	18,271	17,330	336	363	54	3000K	6@1050mA
CL1-30L-4K	250w	250w	6,089	6,109	6,104	6,417	6,439	6,046	70	87	92	4200K	2@700mA
CL1-60L-4K	320w	400w	11,583	11,468	12,036	12,038	12,581	11,807	;140	157	95	4200K	4@700mA
CL1-90L-4K	400w	400w	17,143	16,973	17,648	18,521	20,220	17,394	210	227	98	4200K	6@700mA
CL1-90L-4K-105	750w	750w	23,896	23,912	24,199	24,583	25,357	23,128	336	363	80	4200K	6@1050mA
CL1-30L-5K	250w	250w	6,384	6,164	6,641	7,108	6,999	6,619	70	87	101	5100K	2@700mA
CL1-60L-5K	320w	400w	13,300	12,842	13,125	13,185	13,675	12,954	140	157	95	5100K	4@700mA
CL1-90L-5K	400w	400w	19,684	19,006	19,202	20,592	19,610	18,973	210	227	98	5100K	6@700mA
CL1-90L-5K-105	750w	750w	26974	25,351	26,548	25,793	27,445	25,195	336	363	80	5100K	6@1050mA

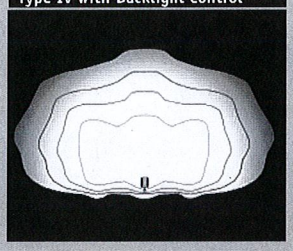
ECL1PSE

Backlight Control

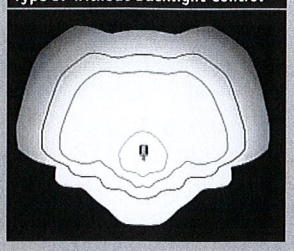
For those LED projects that require minimal light behind the pole, Spaulding Lighting has a solution – ECL1PSE Backlight Control. This unique system, designed specifically for LED lighting, will virtually eliminate the light spill behind the pole and is available on Cimarron LED CL1 and CL1S models. (See CL1 and CL1S page(s) for ordering information)

- Reduce light 85% behind the pole – industry leading performance
- No change to fixture appearance or EPA
- Achieves impressive Backlight-Uplight-Glare (BUG) rating
- Neighbor-friendly lighting
- 2012 IES Progress Report Award winner

Type IV with Backlight Control



Type IV without Backlight Control



ORDERING INFORMATION – SEE CIMMARON CL1 AND CL1S ORDERING OPTIONS

	OPTIONS	
BC	Backlight control	

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SPAULDING LIGHTING