**APPLICATION FOR**
**URBAN DESIGN COMMISSION**
**REVIEW AND APPROVAL**

**AGENDA ITEM # _____**
**Project # _____**

DATE SUBMITTED: 03/09/11

UDC MEETING DATE: 03/16/11

**Action Requested**
___ Informational Presentation
___ Initial Approval and/or Recommendation
_x_ Final Approval and/or Recommendation

PROJECT ADDRESS: 5602 Odana Road (Lot 4 CSM 4504)

ALDERMANIC DISTRICT: 19

OWNER/DEVELOPER (Partners and/or Principals)
The Carey Group
2801 Coho Street
Madison, WI 53713

ARCHITECT/DESIGNER/OR AGENT:
Iconica
901 Deming Way
Madison, WI 53717

CONTACT PERSON: Duane Johnson
Address: Iconica - 901 Deming Way
Madison, WI 53717
Phone: 608-664-3500
Fax: 608-664-3535
E-mail address: duane.johnson@iconicacreates.com

TYPE OF PROJECT:
(See Section A for:)
___ Planned Unit Development (PUD)
___ General Development Plan (GDP)
___ Specific Implementation Plan (SIP)
___ Planned Community Development (PCD)
___ General Development Plan (GDP)
___ Specific Implementation Plan (SIP)
___ Planned Residential Development (PRD)
_x_ New Construction or Exterior Remodeling in an Urban Design District * (A public hearing is required as well as a fee)
___ School, Public Building or Space (Fee may be required)
___ New Construction or Addition to or Remodeling of a Retail, Hotel or Motel Building Exceeding 40,000 Sq. Ft.
___ Planned Commercial Site

(See Section B for:)
___ New Construction or Exterior Remodeling in C4 District (Fee required)

(See Section C for:)
___ R.P.S.M. Parking Variance (Fee required)

(See Section D for:)
___ Comprehensive Design Review* (Fee required)
___ Street Graphics Variance* (Fee required)
___ Other _____

*Public Hearing Required (Submission Deadline 3 Weeks in Advance of Meeting Date)

Where fees are required (as noted above) they apply with the first submittal for either initial or final approval of a project.

The Carey Group

*Commercial Real Estate Services*

February 8, 2011

City of Madison
Planning Department
215 Martin Luther King Jr. Blvd
Madison, WI 53703

Letter of Intent: 5602 Odana Road

To Whom It May Concern:

The Carey Group is submitting this Letter of Intent on behalf of Dr. Kaveh Ghaboussi of Madison Smile Solutions.

5602 Odana Road is a 28,890 square foot vacant lot and is located along the north side of Odana Road behind Whitney Square and to the east of Capitol Tire. Our intent is to develop a 3,000 (+/-) square foot, single tenant, family dental clinic for Dr. Ghaboussi.

The clinic will have 7 operatories with 12 employees and 1 dentist. They will operate Monday through Friday from 7:00 a.m. to 6:00 p.m. They will require 26 parking stalls. (13 for employees, 7 for patients being treated, and 6 for patients in waiting room.)

Iconica has been selected as the architect/general contractor and Paul Skidmore has been selected as the landscape architect. The development schedule is attached to this letter.

If you have any questions about this project you can contact Kevin Carey at The Carey Group at (608) 310-7401

Sincerely,

Kevin Carey

**2801 Coho St. • Madison, WI 53713 • Phone: 608-310-7400 • Fax: 608-237-2028**

**MADISON SMILE SOLUTIONS**
**5602 ODANA RD**

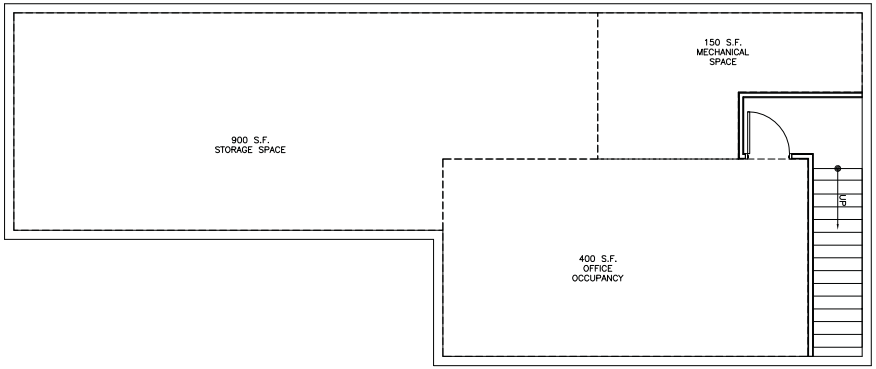

Street View from South East Corner


Street View from South East Corner

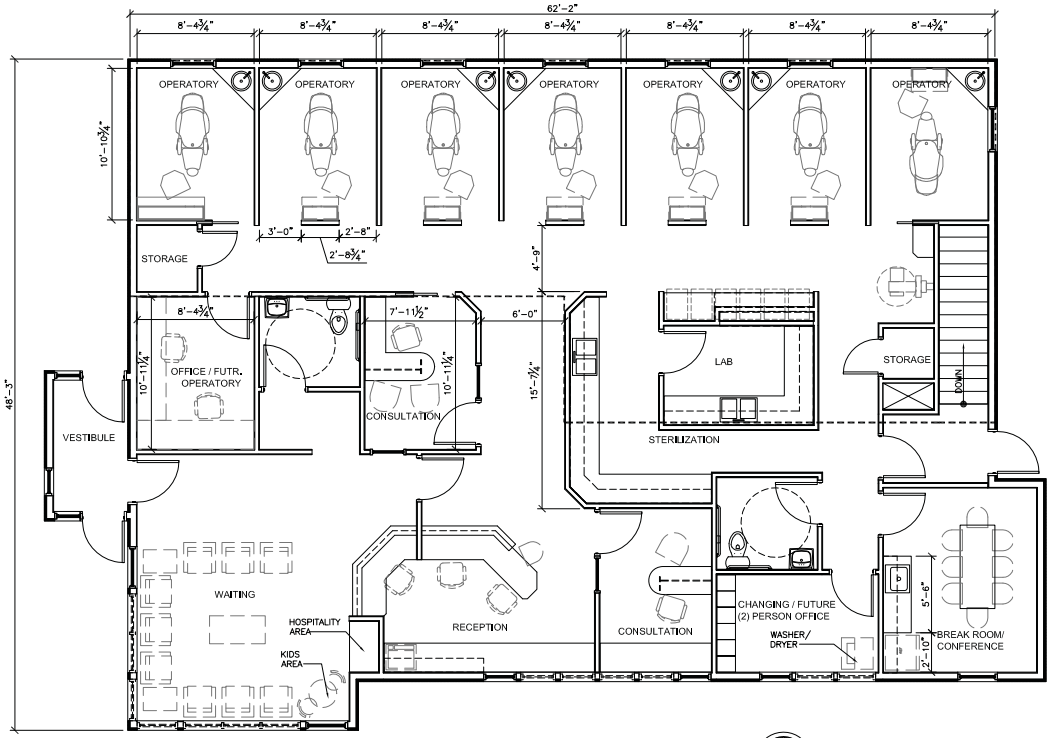

View from North West - Entry


View from North - Parking

PLOT DATE: 03/08/2011




1 A201 BASEMENT FLOOR PLAN
SCALE: N.T.S




1 A201 FIRST FLOOR PLAN
SCALE: N.T.S

NORTH

ICONICA
True Design-Build
901 Deming Way // Madison, WI 53717
PH: 608.664.3500 // FX: 608.664.3535
iconicacreates.com

Madison Smile Solutions
5602 Odana Road
Madison, Wisconsin

Madison Smile Solutions
5609 Medical Circle, Suite 11
Madison, WI 53719

ISSUE DATES:

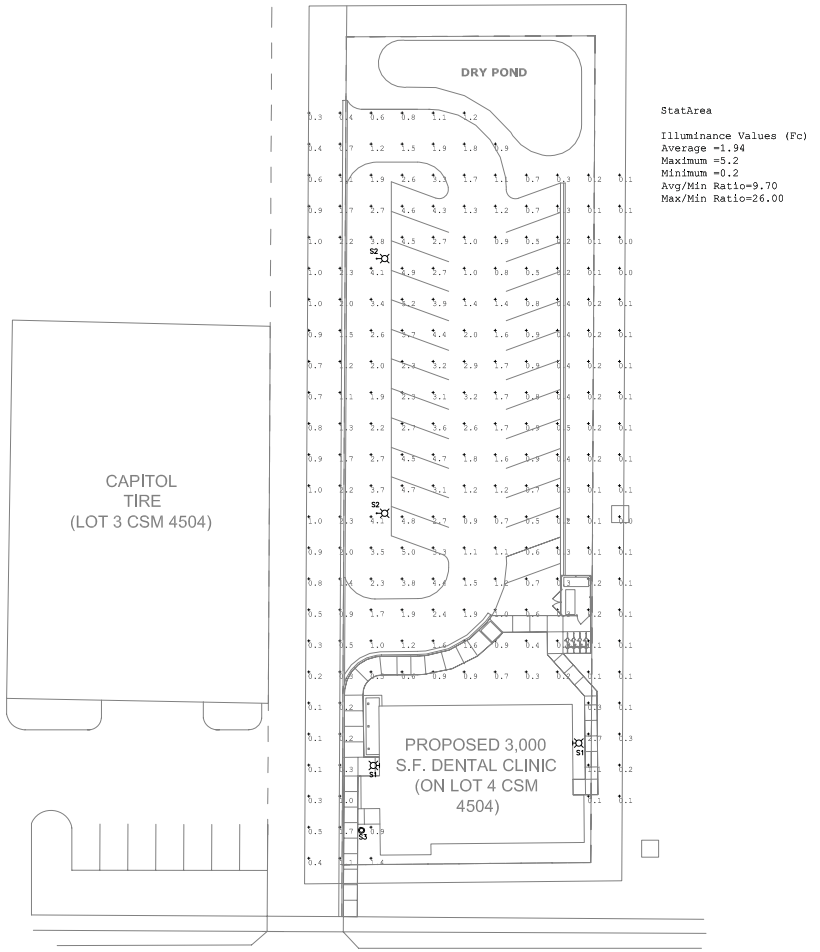
RFI/SI DATE:



PROJECT #: 20100470

SHEET NUMBER

A201




StatArea

Illuminance Values (Fc)
Average =1.94
Maximum =5.2
Minimum =0.2
Avg/Min Ratio=9.70
Max/Min Ratio=26.00

LIGHT FIXTURE SCHEDULE

| Fixt No. | Description | Manufacturer | Model No | Fixt. Volts | Lamp Qnty and Type | Mtg | Remarks |
|---|---|---|---|---|---|---|---|
| S1 | Exterior Wall | Kim | SW1/42PL120/WH | 120 | (1)32PL GX24q-3base | Wall | Full cut-off |
| S2 | Single Head Pole Lt Type III distribution | Kim | FIXTURE - 1A/RA3/250PMH120/BL-P POLE - PRA20-4188SA BL | 120 | 250PMH ED28CL | 20' pole | Archetype Series, full cut-off |
| S3 | Bollard | Kim | FIXTURE - CB32/42PL120/BL | 120 | (1)42PL-GX24q-4BASE | Ground | 32" High Bollard |
| | | | | | | | |
| | | | | | | | |

1 / E901 SITE LIGHTING PHOTOMETRIC PLAN
SCALE: 1" = 20'-0"

NORTH

WALL MOUNT FULL-CUTOFF FIXTURE
POLE MOUNT FULL-CUTOFF FIXTURE, 20' POLE
BOLLARD FIXTURE, 32" HIGH

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ISSUE DATES:

RFI/SI DATE:



PROJECT #: 20100470

SHEET NUMBER

E100

PLOT DATE: 03/08/2011

| ELEMENT | POINT VALUE | QUANTITY | POINTS ACHIEVED | CREDITS QUANTITY | CREDITS POINTS | | TOTAL |
|---|---|---|---|---|---|---|---|
| CANOPY TREE: 2"–2½" | 35 | 6 | 210 | | | | |
| DECIDUOUS SHRUB | 2 | 52 | 102 | | | | |
| EVERGREEN SHRUB | 3 | 26 | 78 | | | | |
| DECORATIVE WALL OR FENCE (PER 10 L.F.) | 5 | 0 | 0 | | | | |
| EARTH BERM<br>AVG. HEIGHT 30"<br>AVG. HEIGHT 15" | | 0 | 0 | | | | |
| EVERGREEN TREES | 15 | 0 | 0 | | | | |
| CANOPY TREE OR SMALL TREE | 15 | 5 | 75 | | | | |
| SUB TOTALS | | | 465 | + | 0 | = | 465 |

(117.1 Req'd)

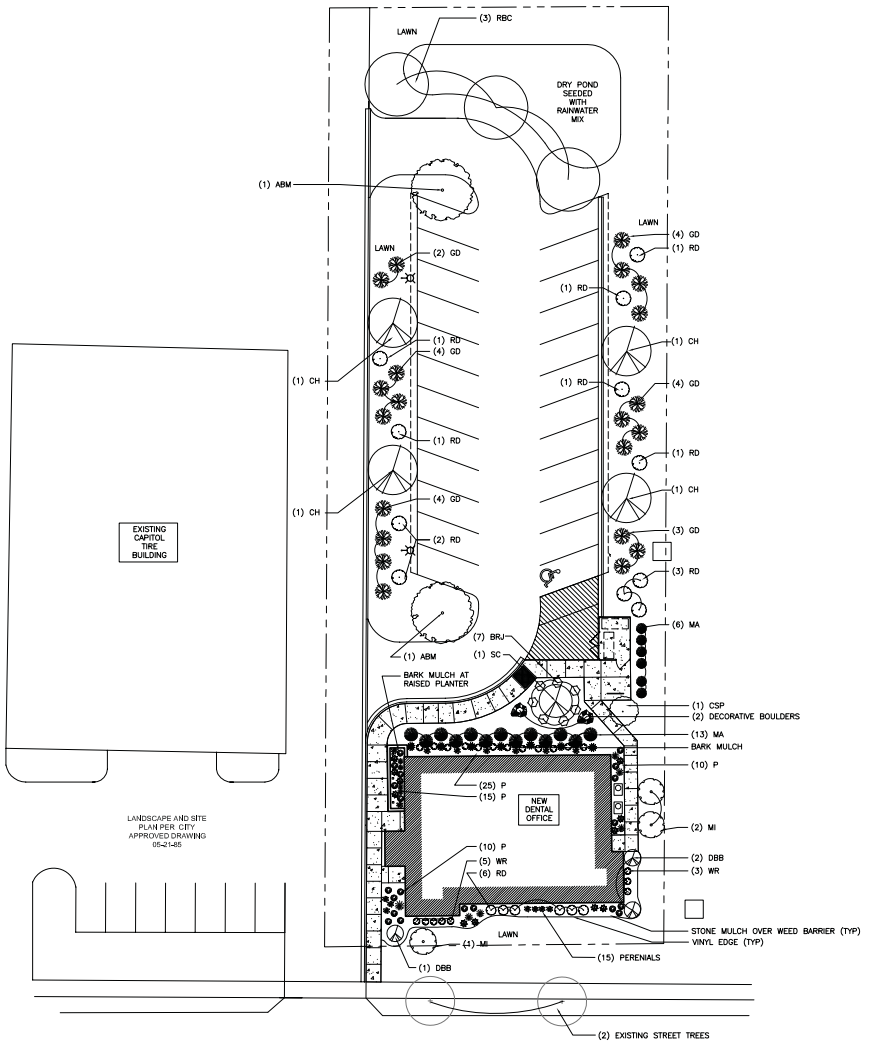
PLANT MATERIALS LIST

| KEY | QUAN | SIZE | COMMON NAME | ROOT |
|---|---|---|---|---|
| CH | 4 | 2" | Common Hackberry | BB |
| ABM | 2 | 2 ½" | Autumn Blaze Maple | BB |
| RB | 3 | 10' | River Birch Clump | BB |
| CP | 1 | 2" | Cleveland Select Pear | BB |
| SC | 1 | 2" | Sargent Crab | BB |
| MI | 3 | 1½" | Prairie Crab | BB |
| BRJ | 7 | 2 G | Blue Rug Juniper | Con |
| MA | 19 | 3' | Mission Arborvitae | BB |
| GD | 21 | 24" | Grey Dogwood | Con |
| ABS | 2 | 30" | Autumn Brilliance Serviceberry | BB |
| DBB | 3 | 24" | Dwarf Cranberry Bush Viburnum | Pot |
| WR | 8 | 15" | Wild Rose | Pot |
| RD | 17 | 24" | Red Dogwood | Con |
| P | 80 | 1 QT | Perennials (assorted) | Con |

Autumn Joy Sedum
Black Eyed Susan
Midnight Wine Daylily
Moonbeam Coreopsis
Purple Palace Coral Bells

NOTES:

1) Lawn areas to receive a minimum of 4" of topsoil, starter fertilizer, and premium bluegrass seed.
2) Seed areas in detention basins, drainage swales, and slopes greater that 3:1 shall be mulched with Curlex erosion control fabric (installed per manufacturers specifications).
3) Foundation planting beds and planting beds labeled as 'stone mulch' to be mulched with 1 ½" washed stone mulch spread to a depth of 3" over weed barrier fabric.
4) Planting beds labeled as 'bark mulch' to be mulched with shredded hardwood bark mulch spread to a depth of 3".
5) Individual trees and shrub groupings in lawn areas to receive shredded hardwood bark mulch plant rings (4' diameter) spread to a depth of 3"
6) Designated planting beds to be separated from lawn areas with 5" black vinyl bed edging (Valley View Black Diamond or equal.)
7) Dry pond area to be seeded with Agrecol flood basin rainwater renewal mixed (standard mix) seed and mulched with Curlex erosion control fabric (installed per manufacturers specifications)




1 L100 LANDSCAPE PLAN
SCALE: N.T.S.

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Madison, Wisconsin

Madison Smile Solutions
5609 Medical Circle, Suite 11
Madison, WI 53719

ISSUE DATES:

RFI/SI DATE:

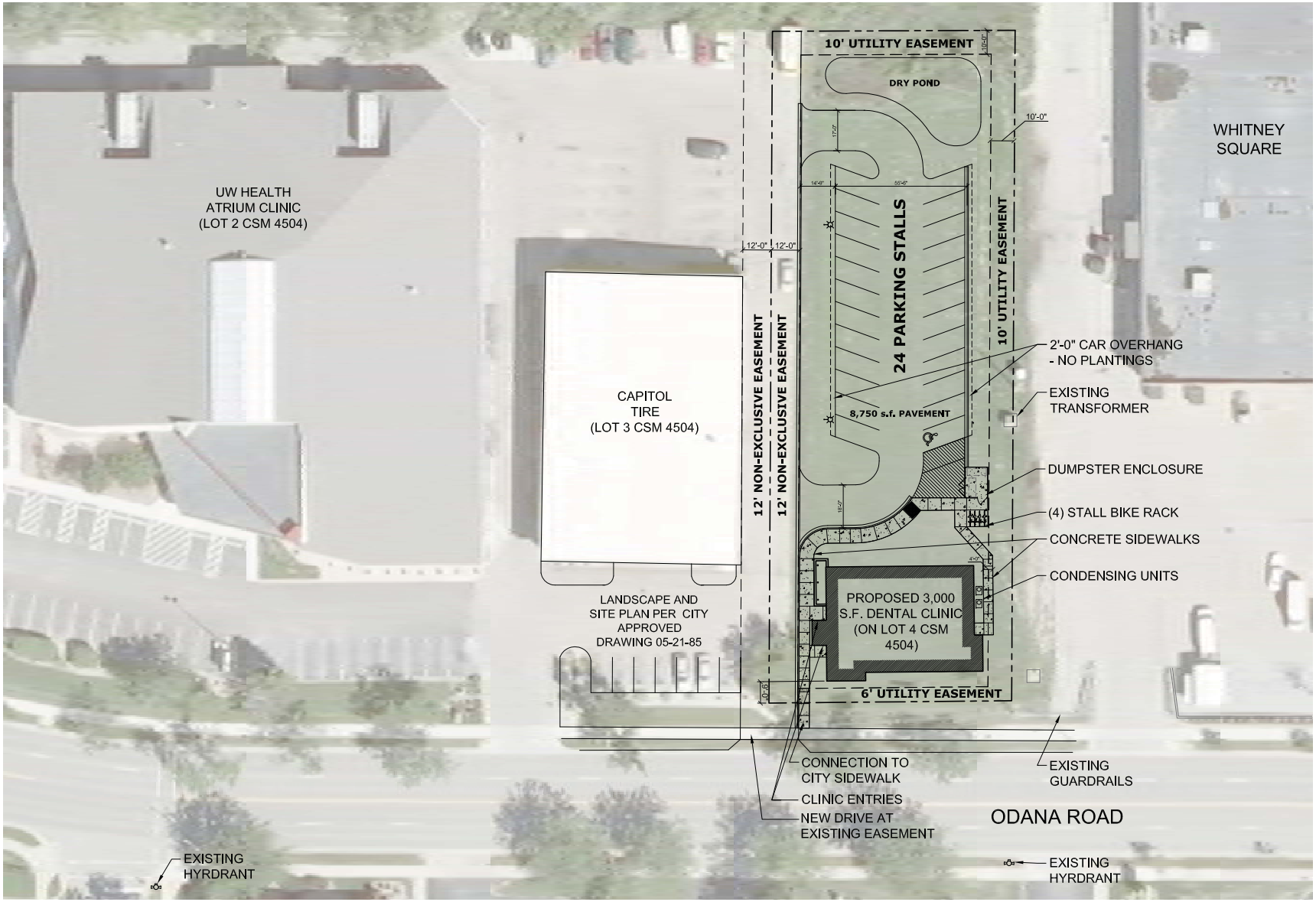


PROJECT #: 20100470

SHEET NUMBER

L100

PLOT DATE: 03/08/2011




1 A101 SITE PLAN
SCALE: N.T.S.

NORTH

## SITE INFORMATION

SITE AREA: 28,835 s.f.
GREEN SPACE: 12,127 s.f. (42%)

ICONICA
True Design-Build


901 Deming Way // Madison, WI 53717
Ph: 608.664.2600 // Fx: 608.664.2636
iconicaservices.com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Madison, Wisconsin

Madison Smile Solutions
5609 Medical Circle, Suite 11
Madison, WI 53719

ISSUE DATES:

RFI/SI DATE:

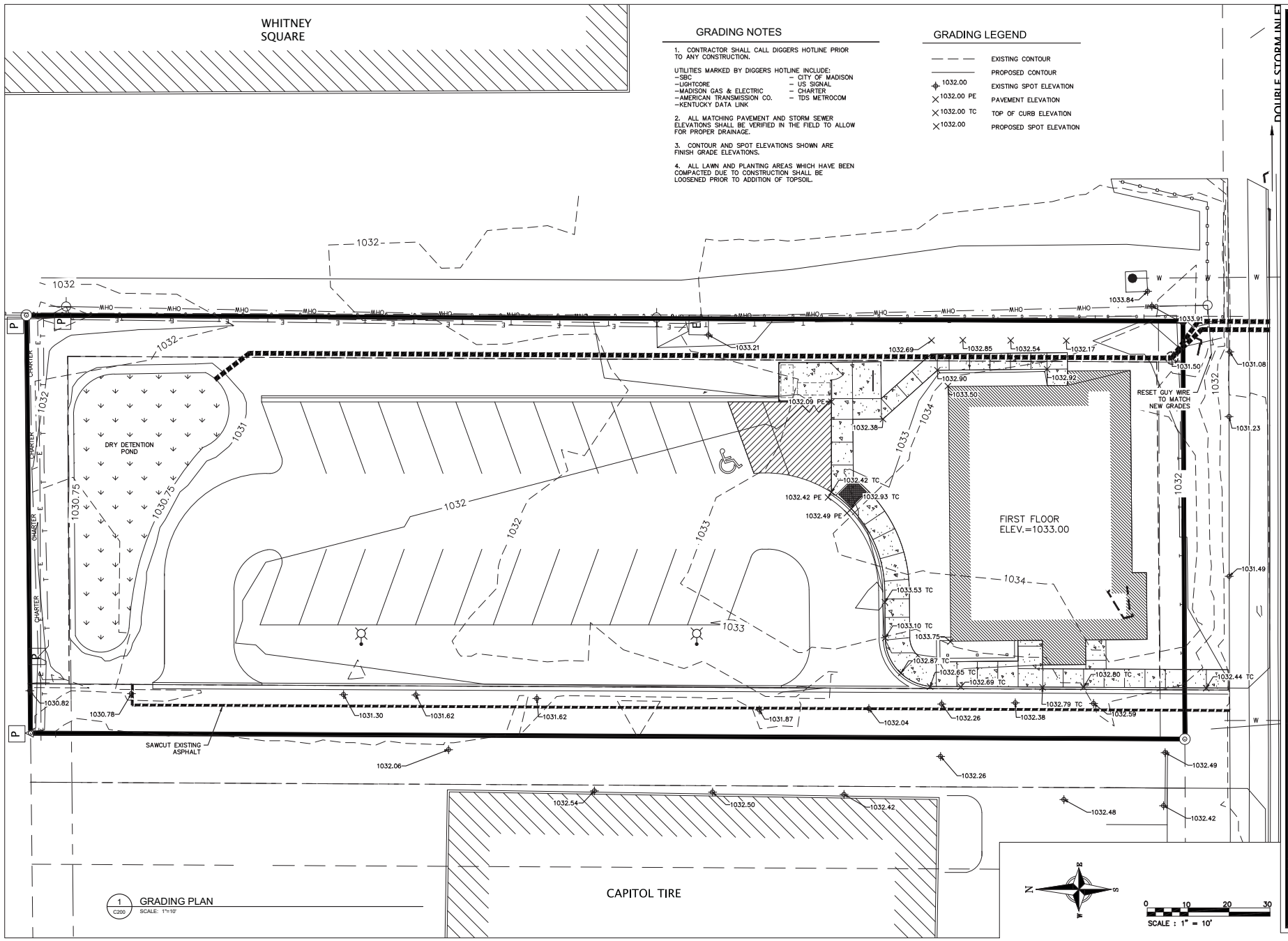


PROJECT #: 20100470

SHEET NUMBER

A101

PLOT DATE: 03/09/2011

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PROFESSIONAL ENGINEERING
818 N Meadowbrook Ln
Waunakee, WI 53597
**phone** (608) 849-9378
**fax** (608) 237-2129

Madison Smile Solutions
5602 Odana Road
Madison, Wisconsin

Madison Smile Solutions
5609 Medical Circle, Suite 11
Madison, WI 53719

| ISSUE DATES: |
|---|
| 03/09/11 |
| |
| RFI/SI DATE: |

**Schematic Design Phase:**

This drawing indicates the scale and relationship of the project components. This drawing is **not for construction.**

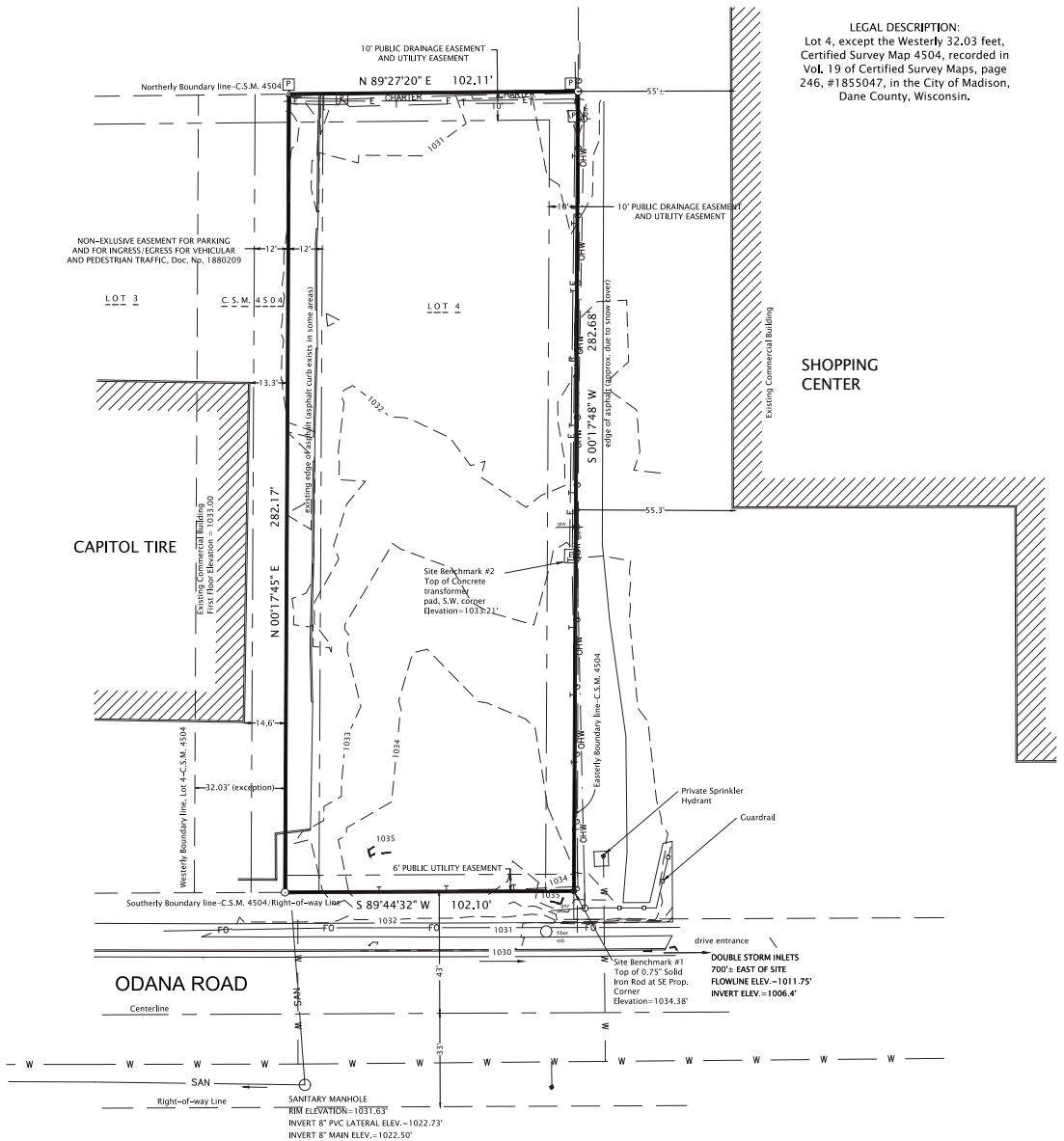


**PROJECT #:** 20100470

**SHEET NUMBER**

C200

PLOT DATE: 02/22/2011




LEGAL DESCRIPTION:
Lot 4, except the Westerly 32.03 feet, Certified Survey Map 4504, recorded in Vol. 19 of Certified Survey Maps, page 246, #1855047, in the City of Madison, Dane County, Wisconsin.

## LEGEND

| | |
|---|---|
| T T | TELECOMMUNICATIONS (UNDERGROUND) |
| SAN | SANITARY SEWER |
| OHW | OVERHEAD WIRES |
| E E | ELECTRIC (UNDERGROUND) |
| W W | WATER |
| G G | GAS |
| FO | FIBER OPTIC (UNDERGROUND) |
| CHARTER | CHARTER FACILITIES (UNDERGROUND) |
| | STORM SEWER |
| E | ELECTRIC TRANSFORMER |
| P | UTILITY PEDESTAL |
| | UTILITY POLE |
| | HYDRANT |
| ● | 0.75" Dia. SOLID IRON ROD FOUND |
| ● | 1.25" Dia. SOLID IRON ROD FOUND |
| △ | MAG NAIL SET IN ASPHALT |
| ○ | 3/4"x18" SOLID IRON ROD SET 1.50 Lbs./LINEAL FOOT |
| ( ) | INDICATES RECORDED AS |

DISTANCES ARE MEASURED TO THE NEAREST HUNDREDTH OF A FOOT

Note: Utilities shown are as field survey location of markings and maps provided by individual Utility Companies and the City of Madison. Locations are field surveyed or approximated for planning purposes only, and do not necessarily reflect the actual location in the field, due to the complexities of marking the actual location. The locations hereon are not to be used for digging. Call Digger's Hotline (811)

Notes: Regarding Title matters not able to be graphically depicted hereon from Title Commitment No. 110110163 prepared by Preferred Title Nov. 1, 2010

1. Parcel is subject to declarations of conditions and covenants for C.S.M. 4350, with regards to street lights and street trees, Recorded IN Vol. 5863, Pg. 62 AS Doc. No. 1841599.

2. Assignment of Leases and Rentals from Whitney Square 1999, LLC to Bank One, Wisconsin, dated November 10, 1999, recorded November 11, 1999, as #3171162.

3. Assignment of Leases and Rentals from Whitney Square 1999, LLC to Bank One, Wisconsin, dated November 10, 1999, recorded November 11, 1999, as #3171162.

4. Collateral Assignment of Management Agreement recorded as #3171163.

5. Easement to The American Telephone and Telegraph Company of Wisconsin recorded in Vol. 92 of Misc., page 298, as #518062; assigned to Wisconsin Telephone Company in Vol. 453 of Misc., page 383, as #1172678. This Easement is vague and not able to physically mapped on this survey based on the provided description.

SURVEYOR'S CERTIFICATE

I, Paul A. Spetz, registered land surveyor for Isthmus Surveying LLC, hereby certify that we surveyed the property described above and that the map is a true representation thereof and shows the size and location of the property, it's exterior boundaries and any or all of the following if they exist: visible structures, apparent easements, roadways and visible encroachments. Said survey meets the minimum standards for property surveys of the Wisconsin Administrative Code (A-E7) and the map hereon is correct to the best of my knowledge and belief. This Survey is solely for the use of the present owners of the property.

Dated this 22th Day of February , 2011

Paul A. Spetz, S 2525

WISCONSIN PAUL A. SPETZ S2525 MADISON, WI SURVEYOR

Note: The Field Survey was completed Feb. 3, 2011, under Winter conditions. Large quantities of snow, and ice may have prevented some features from being mapped hereon.

Project Benchmark: MIDDLETON GPS MONUMENT, PID DC4915, NAVD 88 DATUM, ELEVATION=1080.03' (S.W. of Project)

Survey Boundary was verified from multiple boundary corners as per a survey prepared by Rassmussen S-1034, dated Oct. 12, 1999.

BEARINGS ARE BASED ON THE NORTH LINE OF C.S.M. No. 4504, ASSUMED TO BEAR N 89°27'20" E AS PLATTED

1 C100 PLAT OF SURVEY

SCALE: 1"=20'

0 20 40 60

SCALE : 1" = 20'


ICONICA
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iconicacreates.com

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fax (608) 237-2129


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Madison, Wisconsin

Madison Smile Solutions
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Madison, WI 53719

| ISSUE DATES: |
|---|
| 02/22/11 |
| RFI/SI DATE: |

**Schematic Design Phase:**

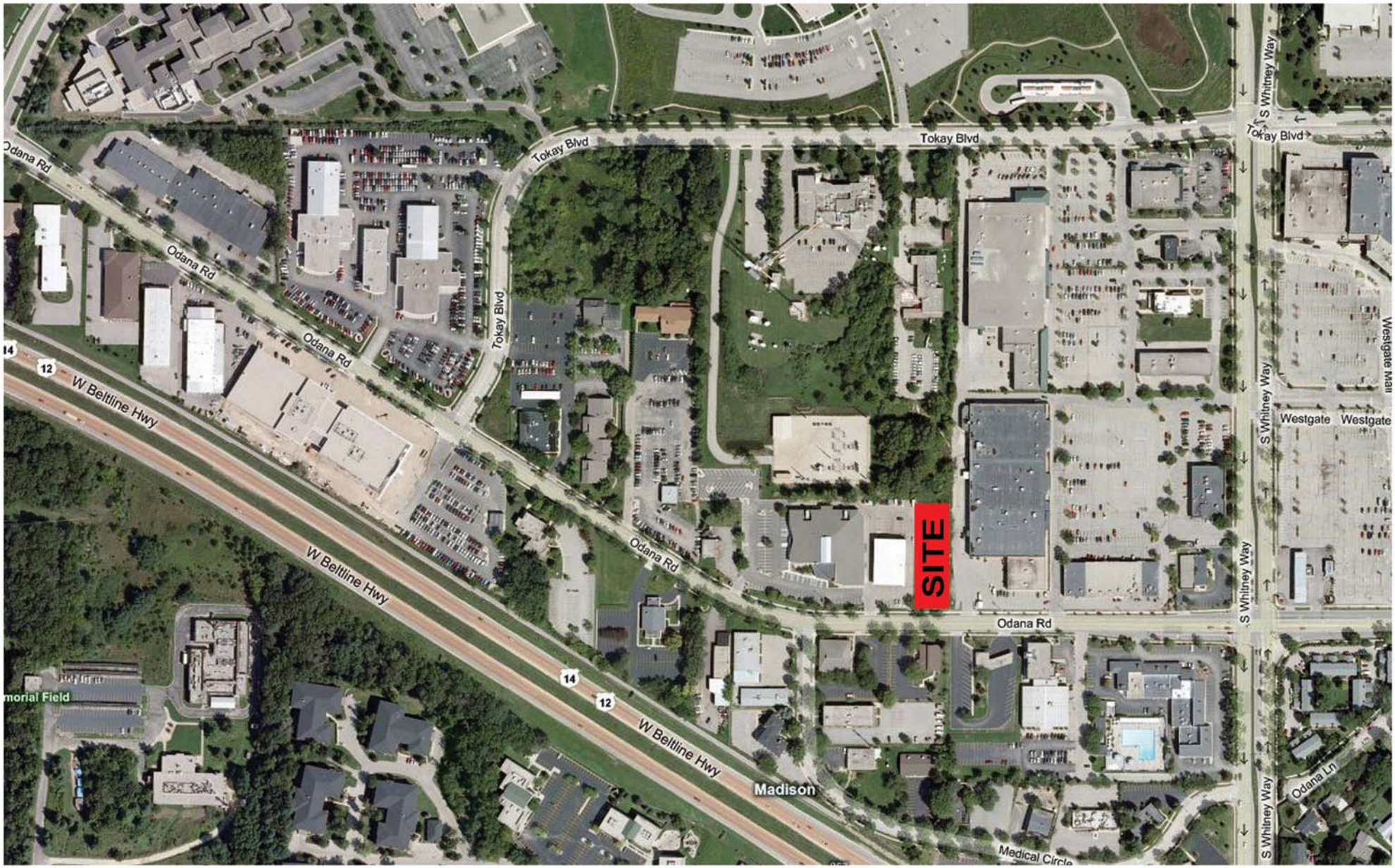
This drawing indicates the scale and relationship of the project components. This drawing is **not for construction.**



**PROJECT #:** 20100470

**SHEET NUMBER**

C100


SITE
Tokay Blvd
Odana Rd
W Beltline Hwy
S Whitney Way
Westgate
Madison
Medical Circle
Odana Ln
14
12

ICONICA

# KIM LIGHTING

# SW1
Site Wallforms
revision 2/25/09 • sw1.pdf

**Type:** S1
**Job:** SMILE SOLUTIONS
**Catalog number:**

| SW1 | / 42PL 120 / | | / |
|---|---|---|---|
| Fixture | Electrical Module | Finish | Option |

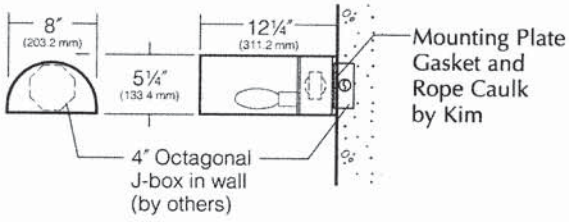
See page 2

**Approvals:**

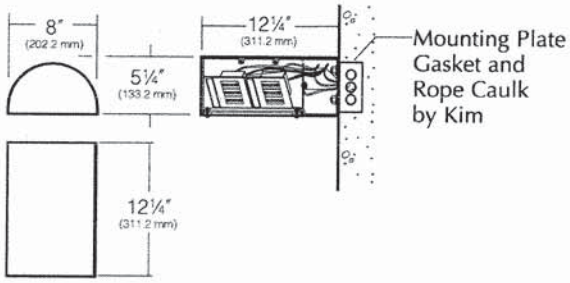
**Date:**
**Page: 1 of 2**

## Specifications

### SW1 Model
50 watt HID
Medium Base Lamps
60 watt Incandescent
42 watt Compact Fluorescent




### SW1 LED Model
30 and 60 Watt LED




**Head:** One-piece cast, low-copper (<0.6 Cu) aluminum alloy, 3/16" wall thickness with external reveal. Attachment to wall is by two bolts concealed within the head.

**Reflector and Socket:** Formed specular Alzak® reflector panel secured to a harness which holds a porcelain medium base 4KV socket (HID and Incandescent), GX24q - Universal Socket (42W Fluorescent), or two single ended twin tube sockets (13W Fluorescent). Entire assembly is removable in one piece for access to mounting screws and is factory wired with a disconnect plug. No reflector provided for LED.

**Lens:** Clear flat 1/8" thick tempered glass retained by two stainless steel brackets, and four stainless steel, hex socket cap screws, fully gasketed.

**Electrial Module:** Factory mounted to removable harness within fixture head. Wire leads supplied with disconnect plugs. **HID:** High power factor with starting temperatures of -20°F. for PMH and -40°F. for HPS lamp modes. **13W Fluorescent:** 120V 32°F. starting; 277V 0°F. starting. **26W, 32W, 42W Fluorescent:** High power factor with starting temperature of 0°F. **LED:** A total of 9 LED emitters configured in a rectangular array comprised together as a module. Two (2) modules for 30W version; and four (4) modules for 60W version. Available in Halogen White" (approx. 3500K). Emitters are directly attached to the electronic driver.

**LED Driver:** Constant current electronic driver. Rated for 30W or 60W. Available in 120V or 277V input. -40F. starting temperature. All drivers are Underwriters Laboratories recognized.

**NOTE:** The 120V driver can be dimmed with an off-the-shelf phase control line dimmer (SCR/TRIAC style).

**Mounting Plate:** Zinc plated steel for attachment to standard 4" octagonal junction box. Gasket provided between mounting plate and fixture plus rope caulk between fixture and wall.

**Finish:** Super TGIC thermoset polyester powder coat paint, 2.5 mil nominal thickness, applied over a titanated zirconium conversion coating; 2500 hour salt spray test endurance rating. Standard colors are Black, Dark Bronze, Light Gray, Stealth Gray™, Platinum Silver, or White. Custom colors are available.

**CAUTION:** Fixtures must be grounded in accordance with local codes or the National Electrical Code. Failure to do so may result in serious personal injury.

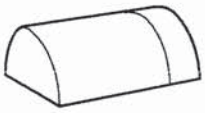
| Listings and Ratings | | |
|---|---|---|
| UL cUL 1598[1] | CE | 25C Ambient |
| IP66 Rated | Full Cutoff[2] | |

[1]Suitable for wet locations
[2]Dark Sky Legislation Compliant

KIM LIGHTING RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.

HUBBELL
HUBBELL LIGHTING, INC.

 • P.O. BOX 60080, CITY OF INDUSTRY, CA 91716-0080 • TEL: 626/968-5666 • FAX: 626/369-2695



# Standard Features

| | |
|---|---|
| **Fixture** | Cat. No. **SW1** Site Wallforms |

**Electrical Module**

**PMH** = Pulse Start Metal Halide
**HPS** = High Pressure Sodium
**PL** = Compact Fluorescent
**INC** = Incandescent
**LED** = Light-emitting diode

Lamp Watts | Lamp Type | Line Volts
**50 PMH 277**

**NOTE:** For lamp/ballast information outside of the U.S.A. and Canada, please consult your local Kim representative.

Cat. Nos. for Electrical Modules available:

| | ☐ **50PMH120** ☐ **50PMH277** | ☐ **50HPS120** | ☐ **13PL120**[1] ☐ **13PL277**[1] | ☒ **42PL**[2] | ☐ **60INC120** |
|---|---|---|---|---|---|
| Lamp | ED-17, Coated | ED-17, Coated | (2) Twin Tubes | (1) Triple Tube | T-10 Inside Frost |
| Socket | Medium Base | Medium Base | GX23-2 | GX24q-4 | — |
| ANSI Ballast Type | M-98 | S-68 | | | |

| | ☐ **30LED120** ☐ **30LED277** | ☐ **60LED120** ☐ **60LED277** |
|---|---|---|
| Lamp | LED | LED |
| Socket | N/A | N/A |

[1]Two lamps required per fixture.
[2]**42PL** operates one 26, 32, or 42 watt lamp at 120 thru 277 volts (50-60 Hz).
**NOTE:** Coated lamps are recommended.

**Finish**
Super TGIC powder coat paint over a titanated zirconium conversion coating on fixture and shaft.

Color: Black | Dark Bronze | Light Gray | Stealth Gray™ | Platinum Silver | White | Custom Colors[3]
Cat. No.: ☐ **BL** ☐ **DB** ☐ **LG** ☐ **SG** ☐ **PS** ☐ **WH** ☐ **CC**

[3]Custom colors subject to additional charges, minimum quantities and extended lead times. Consult representative. Custom color description:_____

# Optional Feature

**Textured Glass Lens**
Cat. No. ☐ **TG**
☐ **No Option**

Unique textured glass reduces LED glare and improves visual comfort.

**KIM LIGHTING**

# AR

The Archetype®

revision 9/19/08 • ar.pdf

**Type:** S2

**Job:** SMILE SOLUTIONS

**Catalog number:**

1A / R3 / 250PMH120I / /

Mtg. Fixture Electrical Module Finish Options Optional

See page 2 See pages 3-4 Vertical Slipfitter Mount See page 5

Select pole from Kim Pole Catalog. If pole is provided by others indicate O.D. for arm fitting.

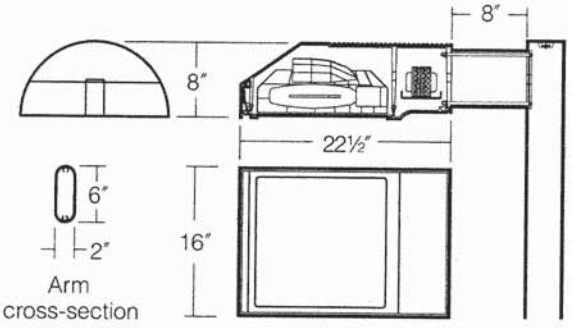
**Approvals:**

**Date:**



## Specifications

150 to 400 watt
Mogul Base Lamps
Maximum Fixture weight (400HPS) = 45 lb




**Housing:** One-piece die-cast, low copper (<0.6% Cu) aluminum alloy with integral cooling ribs over the optical chamber and electrical compartment. Solid barrier wall separates optical and electrical compartments. Double-thick wall with gussets on the support-arm mounting end. Housing forms a half cylinder with 55° front face plane providing a recess to allow a flush single-latch detail. All hardware is stainless steel or electro-zinc plated steel.

**Lens Frame:** One-piece die-cast, low copper (<0.6% Cu) aluminum alloy lens frame with 1″ minimum depth around the gasket flange. Integral hinges with stainless steel pins provide no-tool mounting and removal from housing. Single die-cast aluminum cam-latch provides positive locking and sealing of the optical chamber by a one-piece extruded and vulcanized silicone gasket. Clear 3/16″ thick tempered glass lens retained by eight steel clips with full silicone gasketing around the perimeter.

**Reflector Module:** Specular Alzak® optical segments are rigidly mounted within a die-cast aluminum enclosure that attaches to the housing as a one-piece module. Reflector module is field rotatable in 90° increments. HPS and PMH sockets are porcelain 4KV pulse rated mogul base with molded silicone lamp stabilizer. All reflector modules are factory prewired with quick-disconnect plug and include silicone seal at the penetration of the internal barrier wall in the luminaire housing.

**Electrical Module:** All electrical components are UL and CSA recognized, mounted on a single plate and factory prewired with quick-disconnect plugs. Electrical module attaches to housing with no-tool hinges and latches, accessible by opening the lens frame only. All ballasts are high power factor rated -20°F. starting.

**Support Arm:** One-piece extruded aluminum with internal bolt guides and fully radiussed top and bottom. Luminaire-to-pole attachment is by internal draw bolts, and includes a pole reinforcing plate with wire strain relief. Arm is circular cut for specified round pole.

**Optional Wall Mounting:** Fixture mounted to poured concrete walls only. A modified support arm is provided with side access to allow field splices within the arm. A wall embedment bracket is provided to accept draw bolts, and a trim plate covers the wall-embedded junction box. All wall mount components are finished to match the fixture.

**Finish:** Super TGIC thermoset polyester powder coat paint, 2.5 mil nominal thickness, applied over a titanated zirconium conversion coating; 2500 hour salt spray test endurance rating. Standard colors are Black, Dark Bronze, Light Gray, Stealth Gray®, Platinum Silver, or White. Custom colors are available.

**CAUTION:** Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

| Listings and Ratings | | | |
|---|---|---|---|
| UL cUL 1598[1] | CE | IP66 Rated | 25C Ambient |

[1]Suitable for wet locations.

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HUBBELL LIGHTING INC

 • P.O. BOX 60080, CITY OF INDUSTRY, CA 91716-0080 • TEL: 626/968-5666 • FAX: 626/369-2695

# Standard Features

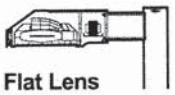
**Mounting**
**3Y** configuration is available for round poles only.

Plan View:

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | | | | Wall Mount |
| EPA: | 1.2 | 2.4 | 2.0 | 3.2 | 3.2 | 3.9 | n/a |
| Cat. No.: | ☒ **1A** | ☐ **2B** | ☐ **2L** | ☐ **3T** | ☐ **3Y** | ☐ **4C** | ☐ **1W** |

**Fixture**
Cat. No. designates fixture and light distribution.

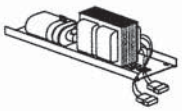
See the Kim Site/Roadway Optical Systems Catalog for detailed information on reflector design and application.



**Flat Lens**

| Light Distribution: | Type I | Type II | Type III | Type IV Forward Throw | Type V Square |
|---|---|---|---|---|---|
| | Full Cutoff | Full Cutoff | Full Cutoff | Full Cutoff | Full Cutoff |
| Cat. No.: | ☐ **AR1** | ☐ **AR2** | ☒ **AR3** | ☐ **AR4** | ☐ **AR5** |

**Electrical Module**
**HPS** = High Pressure Sodium
**PMH** = Pulse Start Metal Halide



| Lamp Watts | Lamp Type | Line Volts |
|---|---|---|
| **400** | **HPS** | **277** |

Cat. Nos. for Electrical Modules available:

High Pressure Sodium

| | | | |
|---|---|---|---|
| | ☐ **150HPS120** | ☐ **250HPS120** | ☐ **400HPS120** |
| | ☐ **150HPS208** | ☐ **250HPS208** | ☐ **400HPS208** |
| | ☐ **150HPS240** | ☐ **250HPS240** | ☐ **400HPS240** |
| | ☐ **150HPS277** | ☐ **250HPS277** | ☐ **400HPS277** |
| | ☐ **150HPS347** | ☐ **250HPS347** | ☐ **400HPS347** |
| | ☐ **150HPS480** | ☐ **250HPS480** | ☐ **400HPS480** |
| Lamp | E-23½, Clear | E-18, Clear | E-18, Clear |
| Socket | Mogul Base | Mogul Base | Mogul Base |
| ANSI Ballast | S-55 | S-50 | S-51 |

Pulse Start Metal Halide

| | | | | |
|---|---|---|---|---|
| | ☒ **250PMH120** | ☐ **320PMH120** | ☐ **350PMH120** | ☐ **400PMH120** |
| | ☐ **250PMH208** | ☐ **320PMH208** | ☐ **350PMH208** | ☐ **400PMH208** |
| | ☐ **250PMH240** | ☐ **320PMH240** | ☐ **350PMH240** | ☐ **400PMH240** |
| | ☐ **250PMH277** | ☐ **320PMH277** | ☐ **350PMH277** | ☐ **400PMH277** |
| | ☐ **250PMH347** | ☐ **320PMH347** | ☐ **350PMH347** | ☐ **400PMH347** |
| | ☐ **250PMH480** | ☐ **320PMH480** | ☐ **350PMH480** | ☐ **400PMH480** |
| Lamp | ED-28, Clear | BT-28, Clear | BT-28, Clear | ED-28, Clear |
| Socket | Mogul Base | Mogul Base | Mogul Base | Mogul Base |
| ANSI Ballast | M-138 | M-132, M154, or M170 | M-131, M171 | M-135 |

**NOTE:** Due to the Energy Independence and Security Act (EISA) of 2007, Kim Lighting can no longer supply probe start metal halide ballasts with its luminaires, effective January 1, 2009. Contact Kim Lighting for availability of replacement ballasts for warranty service claims.
(Visit www.aboutlightingcontrols.org or the Library of Congress website for more details).

**Finish**
Super TGIC powder coat paint over a titanated zirconium conversion coating.

| Color: | Black | Dark Bronze | Light Gray | Stealth Gray® | Platinum Silver | White | Custom Color[1] |
|---|---|---|---|---|---|---|---|
| Cat. No.: | ☐ **BL** | ☐ **DB** | ☐ **LG** | ☐ **SG** | ☐ **PS** | ☐ **WH** | ☐ **CC** |

[1]Custom colors subject to additional charges, minimum quantities and extended lead times. Consult representative. Custom color description: _____

**KIM LIGHTING**

# CB
Compact Bollard
revision 11/18/09 • cb.pdf

**Type:** S3
**Job:** SMILE SOLUTIONS
**Catalog number:**

CB32 / 42PL120 / /
Fixture | Electrical Module | Luminaire Finish | Option

See page 2

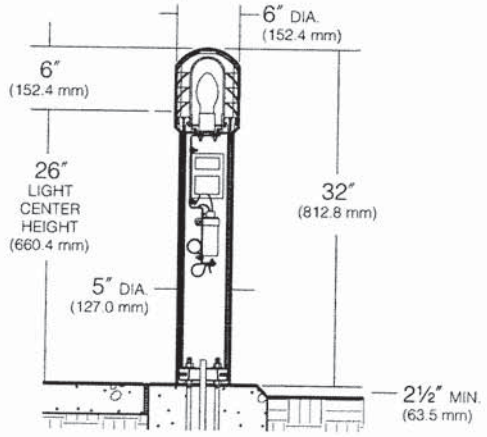
**Approvals:**

**Date:**
**Page: 1 of 3**

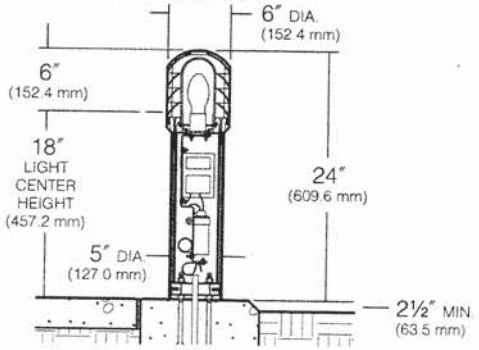
## Specifications

**CB** Models
50 to 70 watt
Medium Base Lamps
42 watt Compact Fluorescent

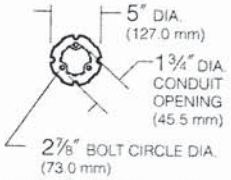
**CB32**
Maximum weight: 20 lb




**CB24**
Maximum weight: 17 lb




**BASE PLAN CB**




**Top, Louvers:** Interlocking die-cast, low-copper (<0.6% Cu) aluminum sections fasten together with concealed stainless steel screws. Louver base assembly fastens internally to riser with 4 concealed screws.

**Riser:** Extruded aluminum, 5" diameter, .125" typical wall thickness, external vertical grooves align with vertical members on louver assembly. Attaches to anchor base with 4 countersunk stainless steel flat socket head screws finished to match fixture.

**Anchor Base:** Heavy cast aluminum, fully concealed within riser shaft. Three ⅜" x 10"+ 2" zinc plated anchor bolts, each with two nuts and washers, and a rigid pressboard template.

**Globe:** Internally fluted, clear tempered glass, fully gasketed.

**Socket:** Porcelain medium base rated 4KV for HID and incandescent. Fluorescent is 13W-GX23; 42W-GX24q - Universal Socket.

**Ballast:** Factory mounted to rigid harness suspended from fixture head within the Riser. Wire leads supplied to base. **HID:** High power factor with starting temperatures of -20°F. for PMH and -40°F. for HPS lamp modes. **13W Fluorescent:** 120V 32°F. starting; 277V 0°F. starting. **26W, 32W, 42W Fluorescent:** 120V through 277V High power factor with starting temperature of 0°F.

**Finish:** Super TGIC thermoset polyester powder coat paint, 2.5 mil nominal thickness, applied over a titanated zirconium conversion coating; 2500 hour salt spray test endurance rating. Standard colors are Black, Dark Bronze, Light Gray, Stealth Gray™, Platinum Silver, or White. Custom colors are available.

**CAUTION:** Fixtures must be grounded in accordance with national, state and/or local codes. Failure to do so may result in serious personal injury.

| Listings and Ratings | | |
|---|---|---|
| UL cUL 1598[1] | CE | 25C Ambient |
| IP46 Rated | FS = Fully Shielded[2] | |

[1]Suitable for wet locations.
[2]Dark Sky Legislation Compliant

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5611009322

# Standard and Optional Features

**Fixture**
Cat. No. designates **CB** fixture.

Cat. No. ☐ **CB24** Compact Bollard 24″ overall height
☒ **CB32** Compact Bollard 32″ overall height

**Electrical Module**
**PMH** = Pulse Start Metal Halide
**HPS** = High Pressure Sodium
**PL** = Compact Fluorescent
**INC** = Incandescent

| Lamp Watts | Lamp Type | Line Volts |
|---|---|---|
| **50** | **PMH** | **277** |

**NOTE:** For lamp/ballast information outside of the U.S.A. and Canada, please consult your local Kim representative.

Cat. Nos. for Electrical Modules available:

| | ☐ **50PMH120**<br>☐ **50PMH208**<br>☐ **50PMH240**<br>☐ **50PMH277** | ☐ **70PMH120**<br>☐ **70PMH208**<br>☐ **70PMH240**<br>☐ **70PMH277**<br>☐ **70PMH347** | ☐ **50HPS120**<br>☐ **50HPS208**<br>☐ **50HPS240**<br>☐ **50HPS277** | ☐ **70HPS120**<br>☐ **70HPS208**<br>☐ **70HPS240**<br>☐ **70HPS277**<br>☐ **70HPS347** |
|---|---|---|---|---|
| Lamp | ED17, Coated | ED17, Coated | ED17, Coated | ED17, Coated |
| Socket | Medium Base | Medium Base | Medium Base | Medium Base |
| ANSI Ballast Type | M-98 | M-98 | S-68 | S-62 |

| | ☐ **13PL120**<br>☐ **13PL277** | ☒ **42PL**[1] | ☐ **100INC120** |
|---|---|---|---|
| Lamp | Double Twin Tube Fluorescent | Compact Fluor. | A21 Inside Frost |
| Socket | GX23-2 | GX24q-4 | Medium Base |

[1]**42PL** operates one 26, 32, or 42 watt lamp at 120 thru 277 volts (50-60 Hz).
**NOTE:** 70W PMH and HPS are not recommended for **CB24** due to extreme light levels at fixture base.

**Finish**
Super TGIC thermoset polyester powder coat paint applied over a titanated zirconium conversion coating on fixture and shaft.

Color: Black | Dark Bronze | Light Gray | Stealth Gray™ | Platinum Silver | White | Custom Color[2]
Cat. No.: ☐ **BL** ☐ **DB** ☐ **LG** ☐ **SG** ☐ **PS** ☐ **WH** ☐ **CC**

**NOTE:** Black and Dark Bronze colors will produce slightly less louver brightness than Light Gray or White.

[2]Custom colors subject to additional charges, minimum quantities and extended lead times. Consult representative. Custom color description: _____

**Optional Houseside Shield**
Cat. No. ☐ **HS**
☐ **No Option**

180° Trimmable houseside shield that inserts inside lamp enclosure. .032″ thick natural aluminum, trimmable in field.

**Emergency Battery Back-up**
Cat. No. ☐ **EM**
☐ **No Option**

Internal battery pack provides 90 minutes of supplemental light at 23% of initial lamp lumens for 26, 32, or 42 watt compact fluorescent lamps.
**NOTE:** For CB32 only.


battery back-up

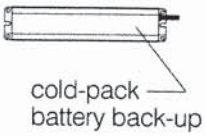
 

# Standard and Optional Features

**Cold-Pack Emergency Battery Pack**
Cat. No. ☐ **EM-CP**
☐ **No Option**

The EM-CP option is a temperature controlled ballast designed to maintain operation without interruption within a range of hi/low ambient temperatures, -20°C to +55°C.

Internal Cold-Pack emergency battery pack provides up to 90 minutes of supplemental light. See following table for max. lumens output by lamps.




**NOTE:** For CB32 only.

| Lamp (4-Pin) | 1 lamp lumens |
|---|---|
| 42W | 750 |
| 32W | 575 |
| 26W | 450 |

# LANDSCAPE WORKSHEET

Parking Lots, Storage Areas and Loading Areas
(Section 28.04 Madison General Ordinance)

| | |
|---|---|
| Project Location/Address: | 5602 Odana Rd. |
| Name of Project: | Smile Solutions |
| Owner/Contact: | Iconica |
| Address: | 901 Deming Way Madison, WI |

**FOR PARKING LOTS WITH GREATER THAN 20 STALLS, LANDSCAPE PLANS MUST BE STAMPED BY A REGISTERED LANDSCAPE ARCHITECT**

## I. Number of Trees Required

The number of trees required for a parking lot is based on the number of parking stalls. Using the Schedule for Required Trees on the reverse side of this worksheet, determine the number of trees required. (Example: One tree is required for 10 parking stalls).

Landscape requirements for storage areas are determined by dividing the total square footage of the storage area by (300) square feet. This converts area to stalls.
[Example: 10,000 square feet is equivalent to (33) stalls or (3) trees and (160) points].

Number of Parking Stalls — 24

Total Square Footage of the Storage Area Divided by Three Hundred (300) Square Feet — 0

TOTAL

Number of Canopy Shade Trees Required (2" - 2 1/2" Caliper) (See Schedule on reverse side) — 2

## II. Number of Landscape Points Required

The number of points required is also based on the number of parking stalls. Using the Point Schedule for Landscape Elements on the reverse side of this worksheet, determine the number of points required. (Example: 49.5 points are required for 10 stalls). A point fraction of (.5) or less may be disregarded, while a fraction in excess of (.5) must be counted as one point. Thus: 49.5 points would be rounded down to 49.0 points required. — 117.1

The number of points required for loading areas is (75) points for each loading berth. (See Schedule on reverse side) — 0

TOTAL

Number of Points Required (See Schedule on reverse side) — 117.1

### Tabulation of Points and Credits

Indicate below the quantity and points for all pertinent landscape elements. Also, credit information for boundary screening and any existing elements to be retained.

| Element | Point Value | Quantity | Points Achieved | Credits | |
|---|---|---|---|---|---|
| | | | | Quantity | Points |
| Canopy Tree: 2" - 2 ½* | 35 | 6 | 210 | | |
| Deciduous Shrub | 2 | 52 | 104 | | |
| Evergreen Shrub | 3 | 26 | 78 | | |
| Decorative Wall or Fence (per 10 L.F.) | 5 | 0 | 0 | | |
| Earth Berm (per 10 L.F.) Avg. Height 30" / Avg. Height 15" | 5 / 2 | 0 | 0 | | |
| Evergreen Trees 3' height minimum | 15 | 0 | 0 | | |
| Canopy Tree or Small Tree 1 ½" – 2" Caliper (i.e., Crab, Hawthorn) | 15 | 5 | 75 | | |
| | | Sub Totals | 465 | + | 465 |

WISCONSIN
PAUL E. SKIDMORE
LA-080
Madison, WI
LANDSCAPE ARCHITECT
3/8/17

TOTAL = 465

Total No. of Points Provided (Equal to or greater than points required)

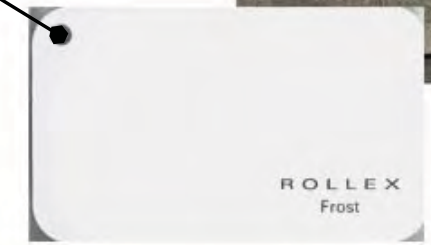
*Trees required in Part I above, are not to be included in the point count.

**Approved by:** _____ **Date:** _____

**MADISON SMILE SOLUTIONS**
**5602 ODANA RD**

## BUILDING MATERIALS


**Sloped Roof**
**Elk Prestique,**
**Color: Barkwood**

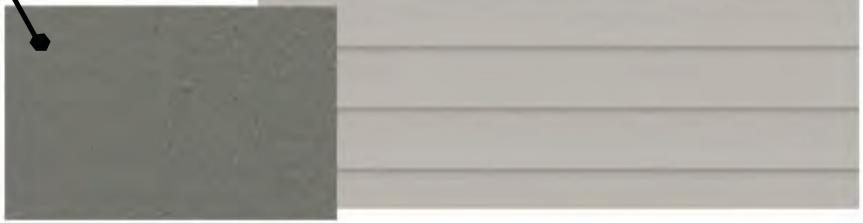



**Fascia Trim and Gutters**
**Rollex**
**Color: Frost**

**Vertical Siding**
**SmartSiding**
**Reverse Board and Batten**
**Color: White**

**Horizontal Lap Siding**
**SmartSiding**
**Color: Clay**

**Stone**
**Natural Ledgetone**



**Horizontal Lap Siding**
**SmartSiding**
**Color: Platinum**

**Windows and Doors**
**Eagle**
**Color: Cinnamon Toast**


**Note: Colors and materials are shown for design intent only, final colors and materials may vary from what is shown**

ICONICA